

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\  
 Data File : VF059333.D  
 Acq On : 27 Jun 2018 12:34  
 Operator : VA/AP  
 Sample : VF0627SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

Manual Integrations  
 APPROVED

apatel  
 6/28/2018 11:09:46 AM

Quant Time: Jun 27 16:37:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 26 08:45:17 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.02  | 168  | 311226   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 479092   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.90  | 117  | 483838   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 285909   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |       |
|---------------------------|--------|-----|----------|-------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 5.00   | 65  | 179730   | 44.70 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.40% |       |
| 35) Dibromofluoromethane  | 4.28   | 113 | 156598   | 44.73 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.46% |       |
| 50) Toluene-d8            | 7.69   | 98  | 338324   | 39.04 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 78.08% |       |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 219407   | 44.88 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.76% |       |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.98 | 85  | 54023   | 19.00  | ug/l   | 98     |
| 3) Chloromethane              | 1.08 | 50  | 38612   | 20.21  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.14 | 62  | 37876   | 20.14  | ug/l   | 97     |
| 5) Bromomethane               | 1.34 | 94  | 24980   | 20.87  | ug/l   | 98     |
| 6) Chloroethane               | 1.43 | 64  | 17601   | 18.58  | ug/l   | 90     |
| 7) Trichlorofluoromethane     | 1.49 | 101 | 70108m  | 18.85  | ug/l   |        |
| 8) Diethyl Ether              | 1.69 | 74  | 20587   | 21.59  | ug/l   | 78     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 44029   | 20.29  | ug/l   | 97     |
| 10) Methyl Iodide             | 1.96 | 142 | 78120m  | 19.74  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.67 | 59  | 25827   | 96.48  | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 38524   | 21.00  | ug/l   | 96     |
| 13) Acrolein                  | 2.08 | 56  | 18056   | 132.36 | ug/l   | 95     |
| 14) Allyl chloride            | 2.18 | 41  | 72685   | 21.10  | ug/l   | 94     |
| 15) Acrylonitrile             | 3.06 | 53  | 46399   | 98.43  | ug/l   | 97     |
| 16) Acetone                   | 2.32 | 43  | 118137  | 112.01 | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.86 | 76  | 86667   | 20.08  | ug/l   | 95     |
| 18) Methyl Acetate            | 2.44 | 43  | 35187   | 18.66  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 136815  | 19.99  | ug/l   | 94     |
| 20) Methylene Chloride        | 2.26 | 84  | 57931m  | 21.47  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96  | 43604   | 22.28  | ug/l   | 97     |
| 22) Diisopropyl ether         | 2.91 | 45  | 160736  | 21.07  | ug/l   | 94     |
| 23) Vinyl Acetate             | 3.32 | 43  | 539853  | 111.14 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 2.99 | 63  | 97338   | 20.58  | ug/l   | 98     |
| 25) 2-Butanone                | 4.49 | 43  | 136313  | 110.53 | ug/l # | 90     |
| 26) 2,2-Dichloropropane       | 3.74 | 77  | 68857   | 21.11  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 3.61 | 96  | 62920   | 21.17  | ug/l   | 90     |
| 28) Bromochloromethane        | 3.87 | 49  | 49563   | 25.18  | ug/l   | 88     |
| 29) Tetrahydrofuran           | 4.24 | 42  | 58515   | 108.11 | ug/l   | 95     |
| 30) Chloroform                | 4.02 | 83  | 134036  | 19.58  | ug/l   | 100    |
| 31) Cyclohexane               | 3.84 | 56  | 64451   | 20.80  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 4.26 | 97  | 98607   | 19.68  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 4.44 | 75  | 90148   | 21.54  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.27 | 43  | 58863   | 21.13  | ug/l # | 83     |
| 38) Carbon Tetrachloride      | 4.16 | 117 | 103257m | 19.55  | ug/l   |        |

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 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

Manual Integrations  
 APPROVED

apatel  
 6/28/2018 11:09:46 AM

Quant Time: Jun 27 16:37:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 26 08:45:17 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 5.62  | 83   | 80670    | 21.75  | ug/l   | 96       |
| 40) Benzene                    | 4.80  | 78   | 199205   | 21.47  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.91  | 41   | 27785    | 19.46  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 5.10  | 62   | 108034   | 19.92  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.10  | 43   | 69987    | 20.08  | ug/l # | 97       |
| 44) Trichloroethene            | 5.66  | 130  | 65627    | 20.62  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 6.38  | 63   | 55825    | 21.06  | ug/l   | 90       |
| 46) Dibromomethane             | 6.24  | 93   | 44922    | 19.52  | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.53  | 83   | 110218   | 19.79  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.86  | 41   | 45582    | 19.51  | ug/l # | 87       |
| 49) 1,4-Dioxane                | 6.85  | 88   | 6253     | 479.44 | ug/l # | 77       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 268778   | 104.07 | ug/l   | 98       |
| 52) Toluene                    | 7.76  | 92   | 143173   | 20.62  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.42  | 75   | 100366   | 19.77  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 7.44  | 75   | 108480   | 19.67  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 54192    | 20.10  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 64301    | 19.25  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 8.99  | 76   | 96513    | 20.87  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.76  | 63   | 24656    | 98.44  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.62  | 43   | 224690   | 106.08 | ug/l   | 95       |
| 60) Dibromochloromethane       | 8.85  | 129  | 79305    | 19.05  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 9.12  | 107  | 62056    | 18.98  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.29  | 164  | 64656    | 20.60  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.92  | 112  | 182281   | 20.33  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 72991    | 18.82  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.02 | 91   | 298483   | 19.62  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.26 | 106  | 223089   | 41.21  | ug/l   | 100      |
| 69) o-Xylene                   | 10.82 | 106  | 122887   | 20.29  | ug/l   | 87       |
| 70) Styrene                    | 10.89 | 104  | 182029   | 19.73  | ug/l   | 97       |
| 71) Bromoform                  | 10.88 | 173  | 51335    | 19.31  | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.21 | 105  | 361751   | 21.72  | ug/l   | 97       |
| 74) N-amyl acetate             | 11.45 | 43   | 124794   | 20.65  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 87510    | 20.80  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 63082    | 19.88  | ug/l   | 93       |
| 77) Bromobenzene               | 11.59 | 156  | 94202    | 20.38  | ug/l   | 84       |
| 78) n-propylbenzene            | 11.68 | 91   | 388597   | 19.43  | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 249835   | 20.44  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 297414   | 20.38  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75   | 37796    | 20.01  | ug/l # | 67       |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 282600   | 21.59  | ug/l   | 74       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 319338   | 21.88  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 317327   | 20.65  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 414193   | 21.41  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 342830   | 21.12  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 175369   | 20.25  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 171686   | 20.80  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.91 | 91   | 363479   | 22.06  | ug/l   | 95       |
| 90) Hexachloroethane           | 12.99 | 117  | 82829    | 20.47  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 173770   | 20.71  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 15287    | 16.39  | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062718\  
Data File : VF059333.D  
Acq On : 27 Jun 2018 12:34  
Operator : VA/AP  
Sample : VF0627SBS01  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

Manual Integrations  
APPROVED

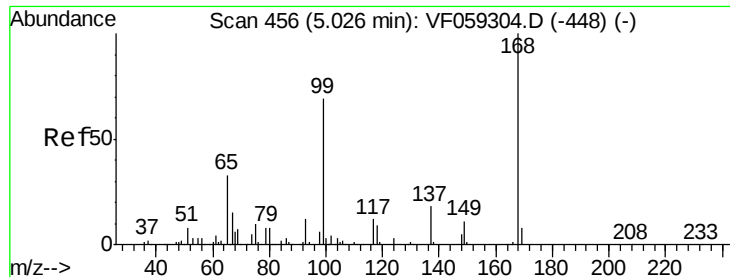
apatel  
6/28/2018 11:09:46 AM

Quant Time: Jun 27 16:37:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 26 08:45:17 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 128827   | 20.77 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 71801    | 20.72 | ug/l  | 95       |
| 95) Naphthalene            | 14.52 | 128  | 253065   | 19.50 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 114995   | 19.57 | ug/l  | 98       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion:168 Resp: 311226

Ion Ratio Lower Upper

168 100

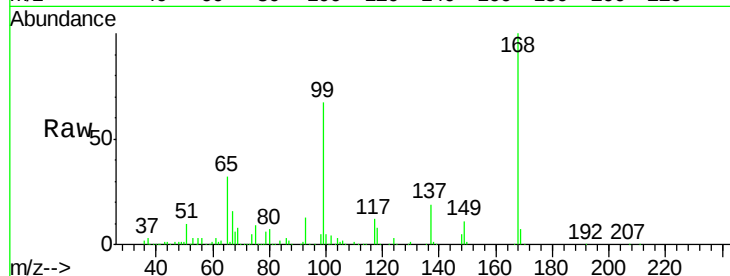
99 67.4 54.9 82.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

120000

100000

80000

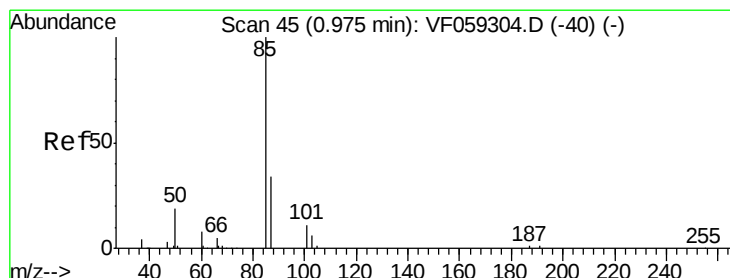
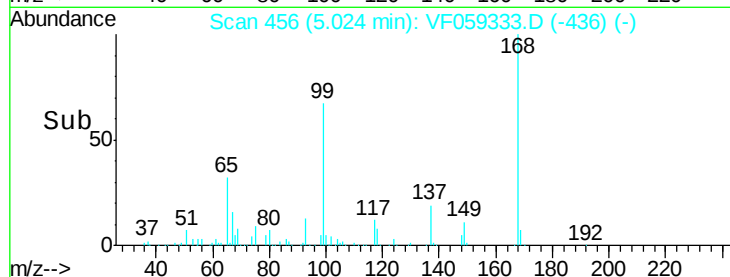
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.00 ug/l

RT: 0.98 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059333.D

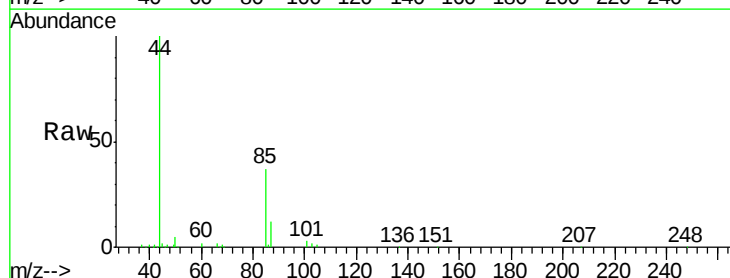
Acq: 27 Jun 2018 12:34

Tgt Ion: 85 Resp: 54023

Ion Ratio Lower Upper

85 100

87 33.1 17.1 51.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

20000

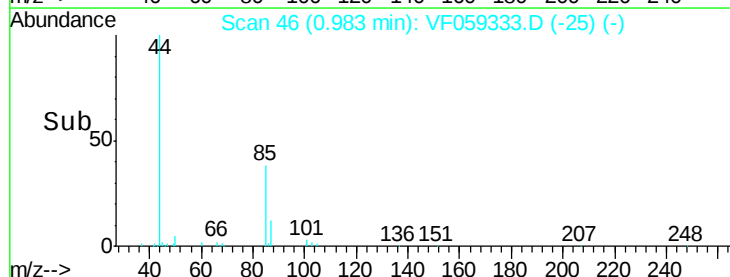
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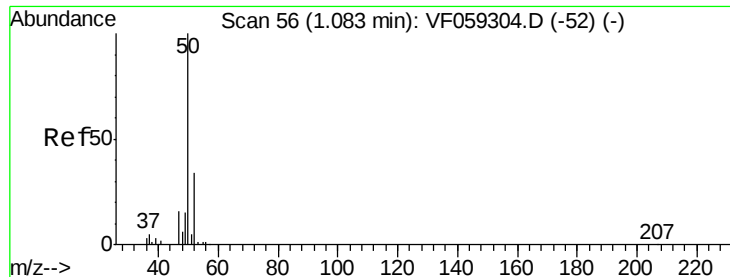
10000

5000

0

Time-->





#3

Chloromethane

Concen: 20.21 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 50 Resp: 38612

Ion Ratio Lower Upper

50 100

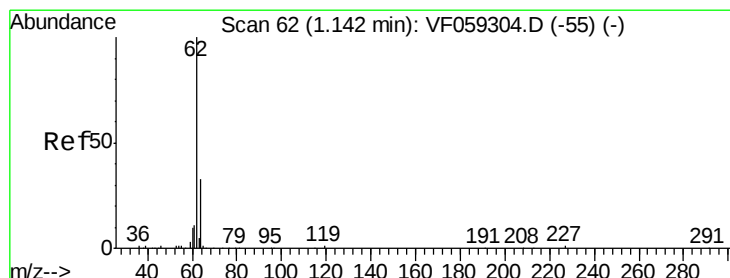
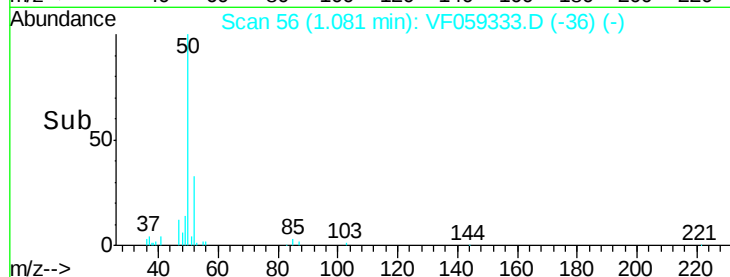
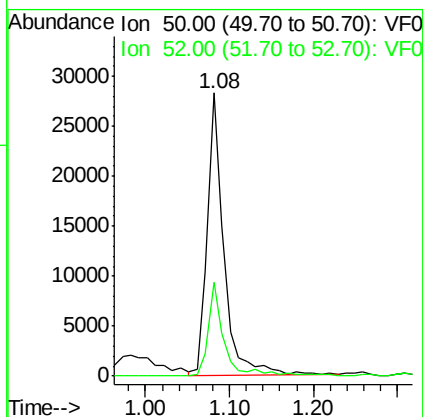
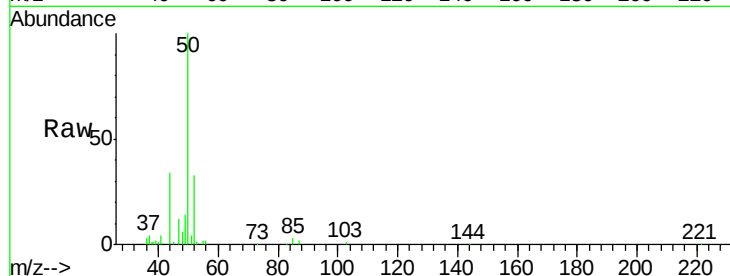
52 33.4 26.7 40.1

Manual Integrations

APPROVED

apatel

6/28/2018 11:09:46 AM



#4

Vinyl Chloride

Concen: 20.14 ug/l

RT: 1.14 min Scan# 62

Delta R.T. -0.00 min

Lab File: VF059333.D

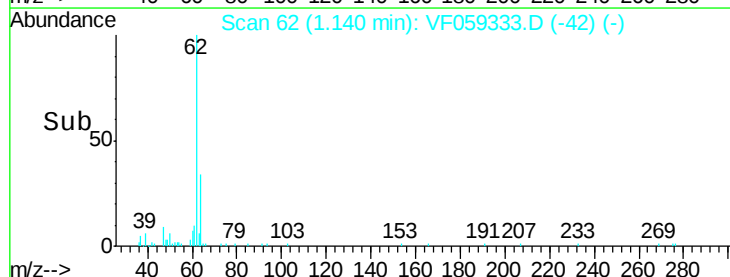
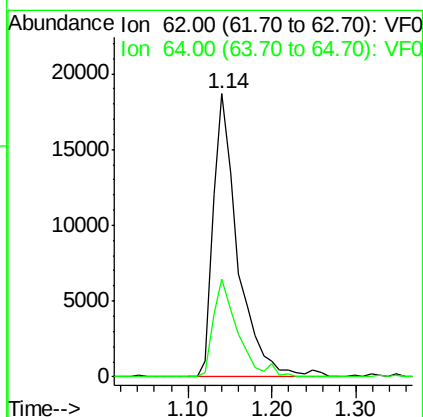
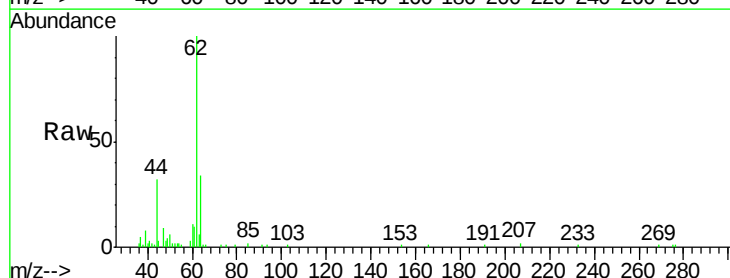
Acq: 27 Jun 2018 12:34

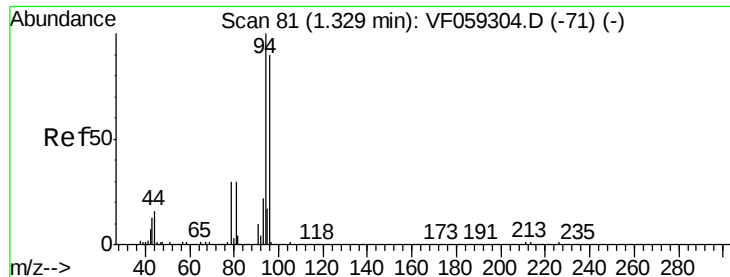
Tgt Ion: 62 Resp: 37876

Ion Ratio Lower Upper

62 100

64 34.4 26.3 39.5





#5

Bromomethane

Concen: 20.87 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 94 Resp: 24980

Ion Ratio Lower Upper

94 100

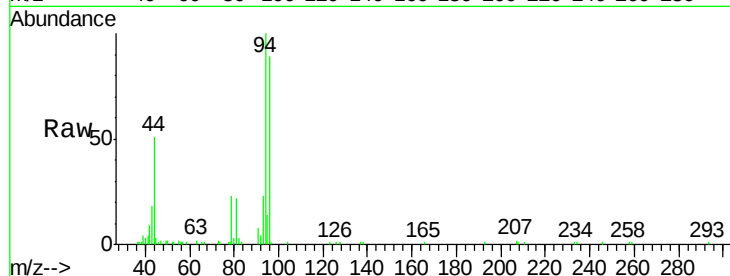
96 89.5 73.4 110.0

Manual Integrations

APPROVED

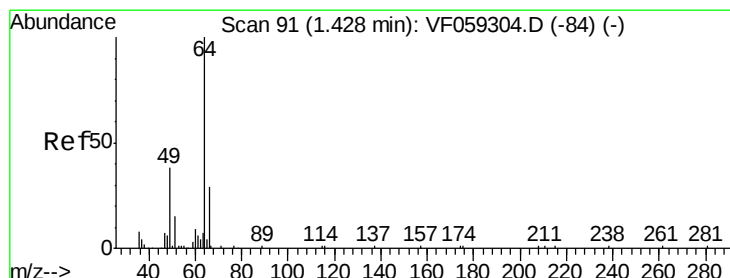
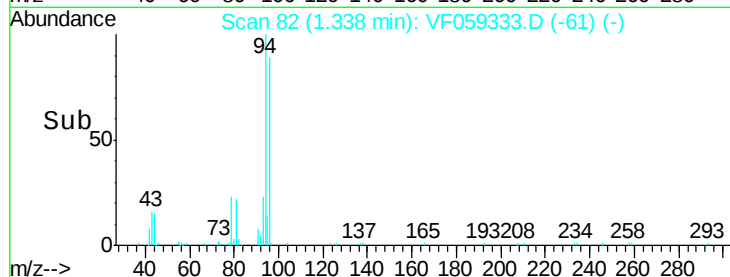
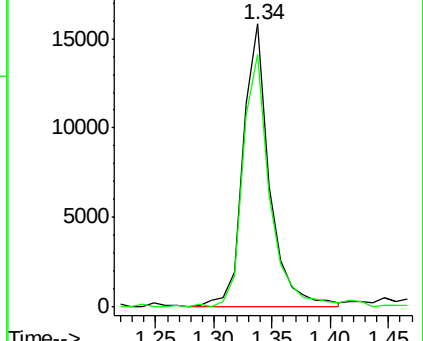
apatel

6/28/2018 11:09:46 AM



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 18.58 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: VF059333.D

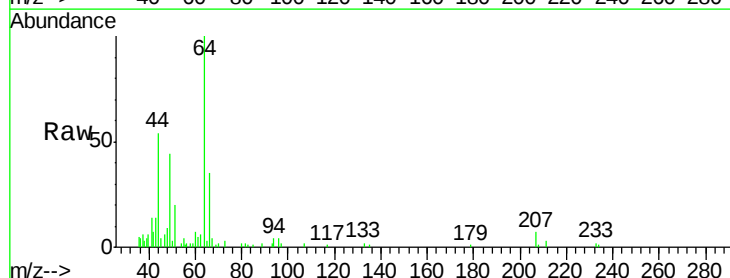
Acq: 27 Jun 2018 12:34

Tgt Ion: 64 Resp: 17601

Ion Ratio Lower Upper

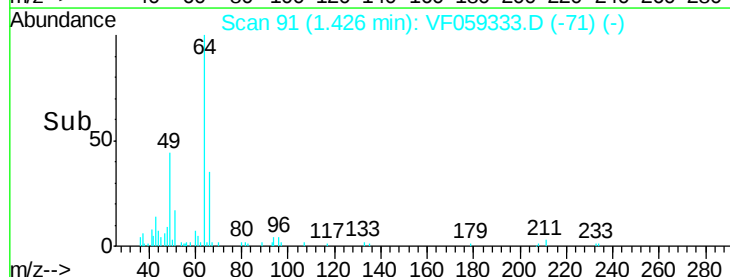
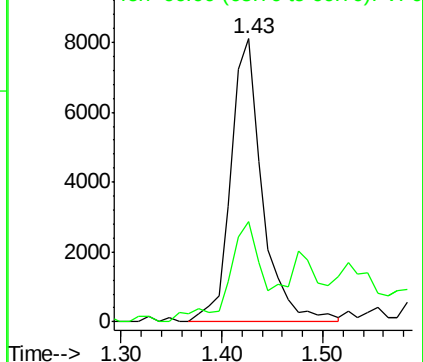
64 100

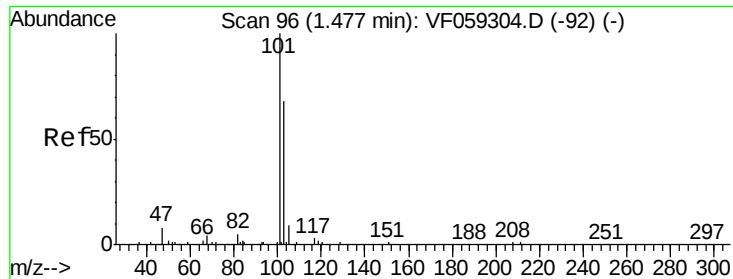
66 35.2 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

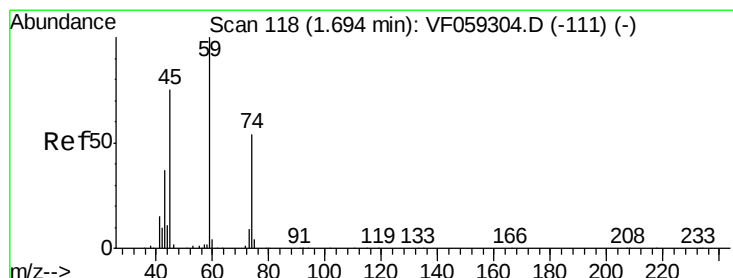
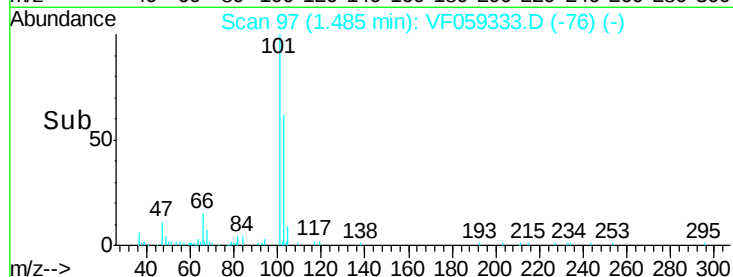
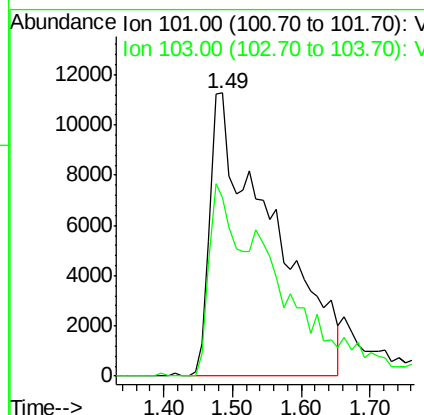
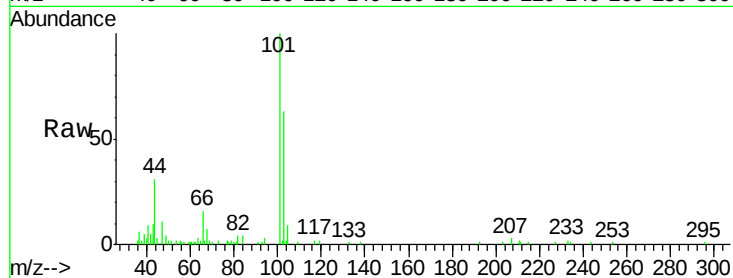
Trichlorofluoromethane  
 Concen: 18.85 ug/l m  
 RT: 1.49 min Scan# 97  
 Delta R.T. 0.01 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.0  | 54.2  | 81.2  |

Manual Integrations  
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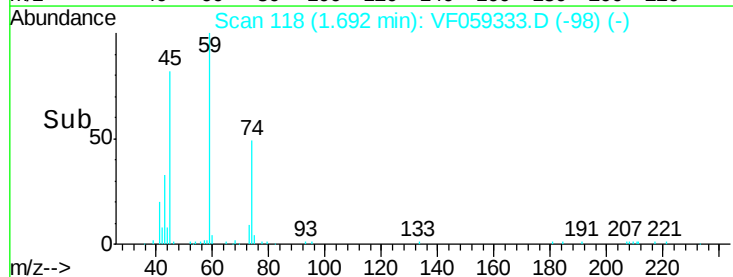
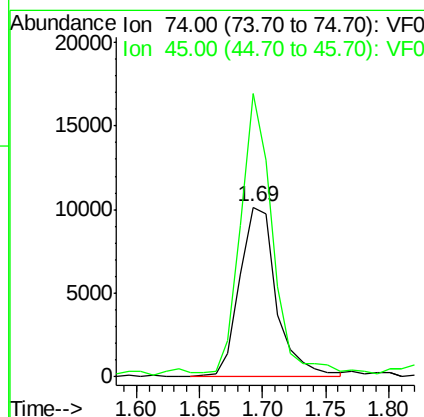
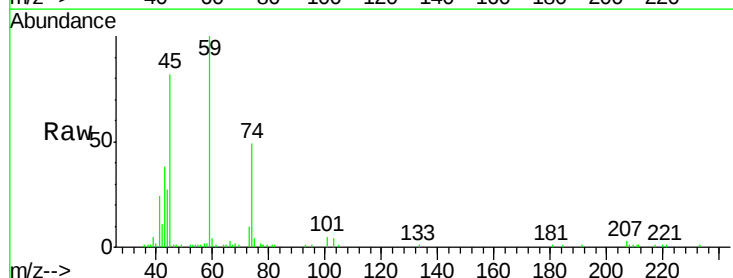
apatel  
 6/28/2018 11:09:46 AM

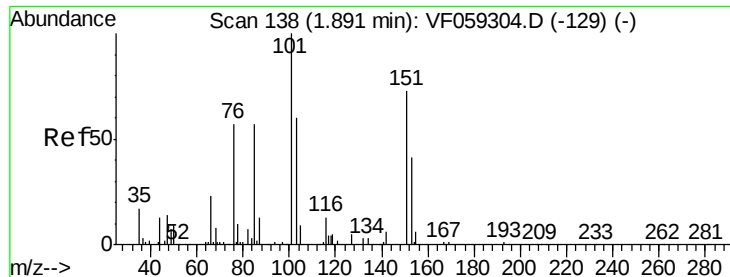


#8

Diethyl Ether  
 Concen: 21.59 ug/l  
 RT: 1.69 min Scan# 118  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 167.0 | 70.0  | 210.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.29 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

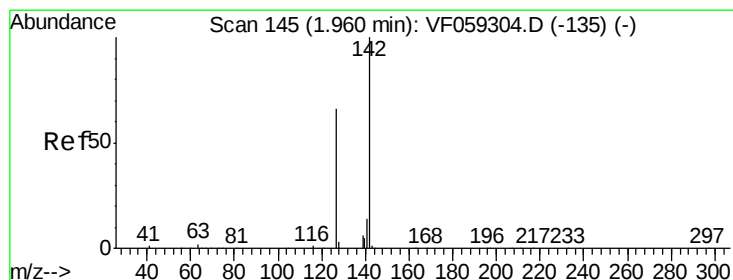
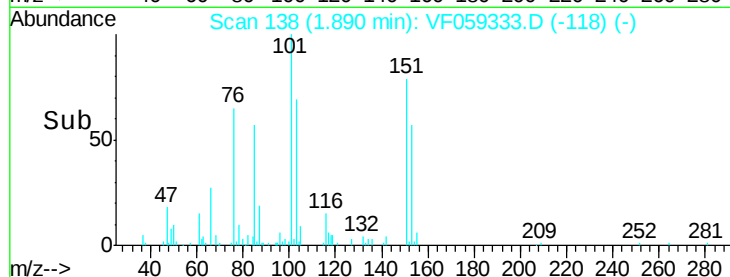
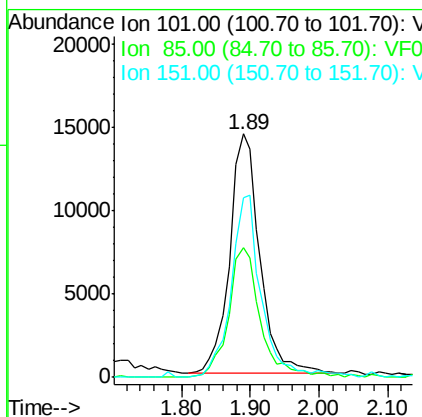
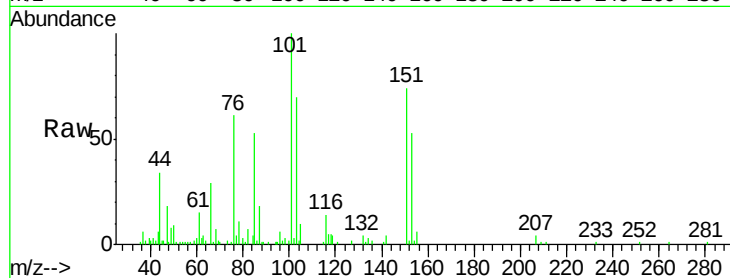
ClientSampleId :

VF0627SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 44029 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 53.3  | 44.5  | 66.7  |
| 151       | 73.5  | 56.8  | 85.2  |

Manual Integrations  
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apatel  
6/28/2018 11:09:46 AM



#10

Methyl Iodide

Concen: 19.74 ug/l m

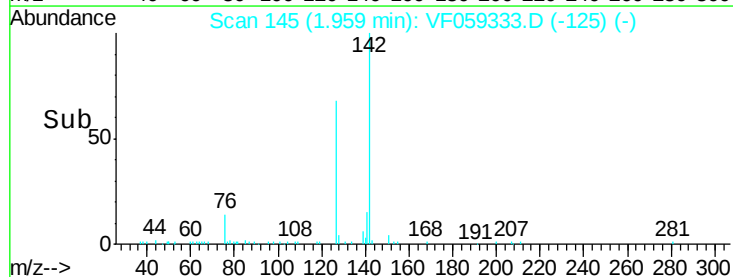
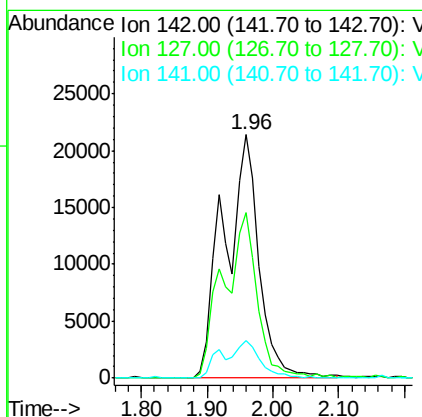
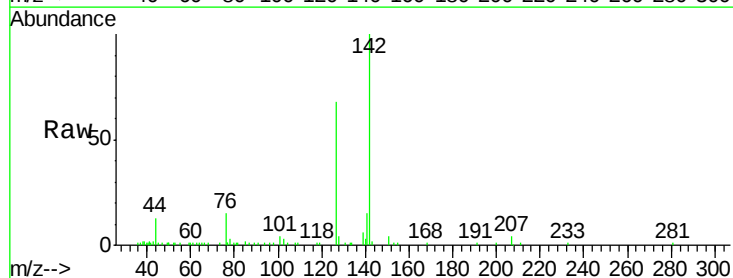
RT: 1.96 min Scan# 145

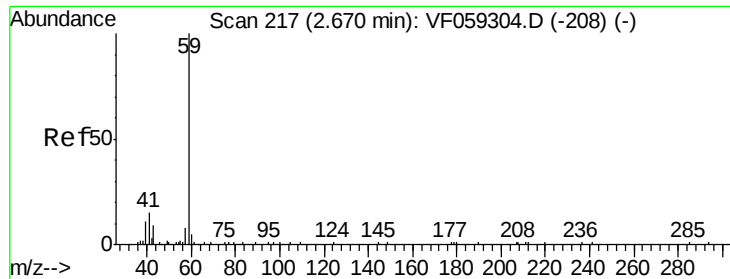
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 78120 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 68.1  | 52.5  | 78.7  |
| 141       | 15.2  | 11.5  | 17.3  |





#11

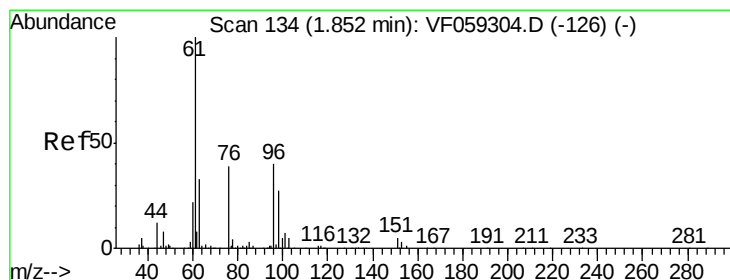
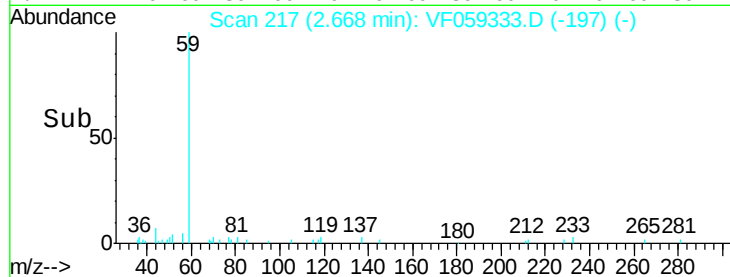
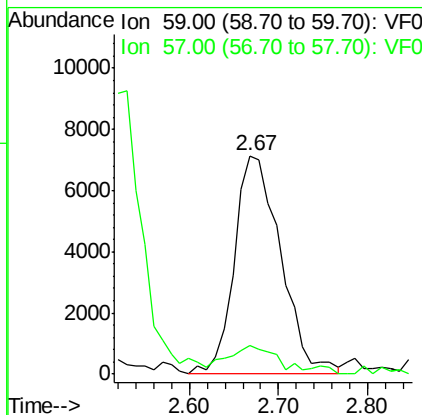
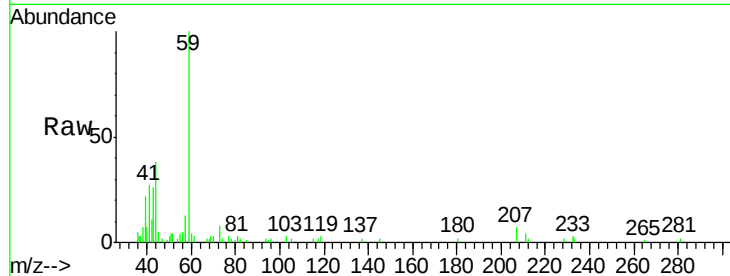
Tert butyl alcohol  
 Concen: 96.48 ug/l  
 RT: 2.67 min Scan# 217  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 13.2  | 11.0  | 16.4  |

Manual Integrations  
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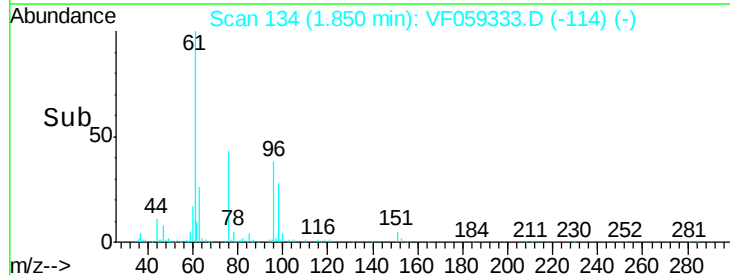
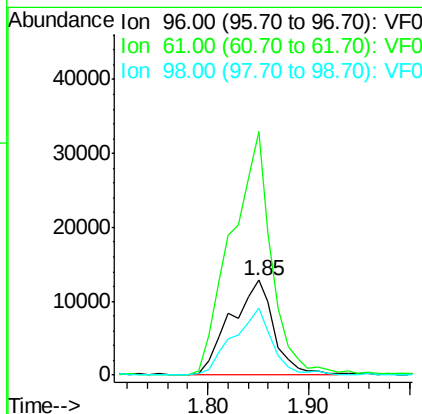
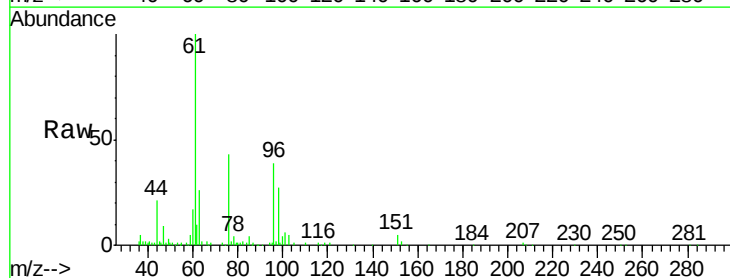
apatel  
 6/28/2018 11:09:46 AM

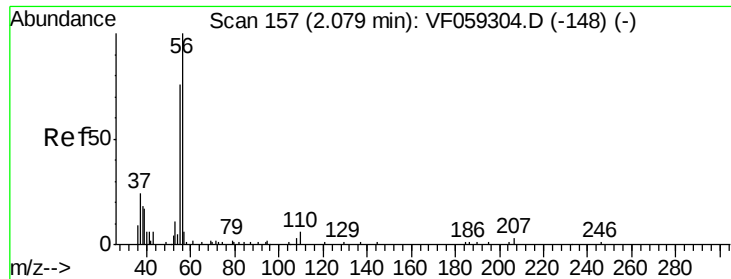


#12

1,1-Dichloroethene  
 Concen: 21.00 ug/l  
 RT: 1.85 min Scan# 134  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 256.9 | 201.1 | 301.7 |
| 98      | 72.6  | 53.9  | 80.9  |





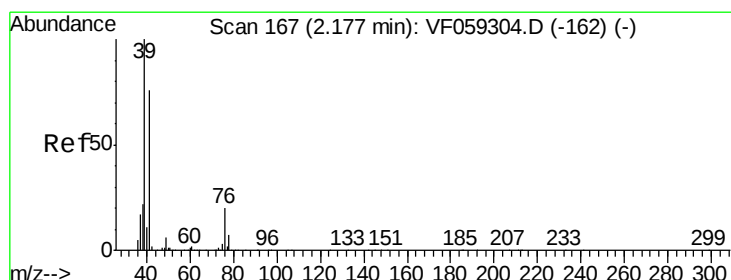
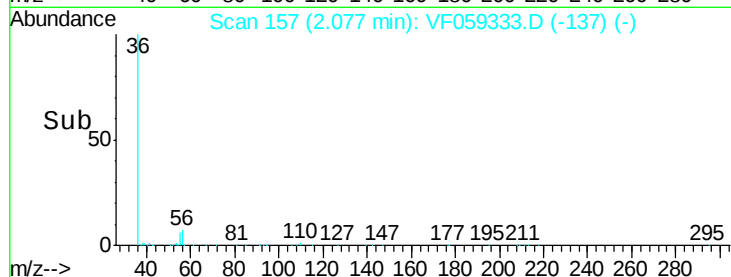
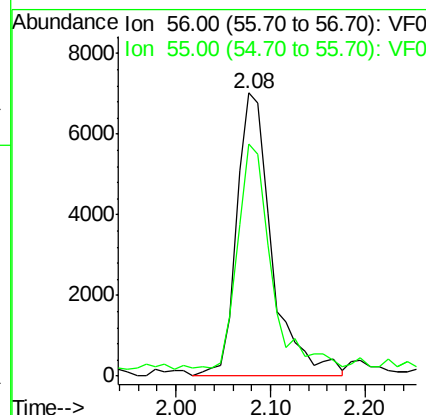
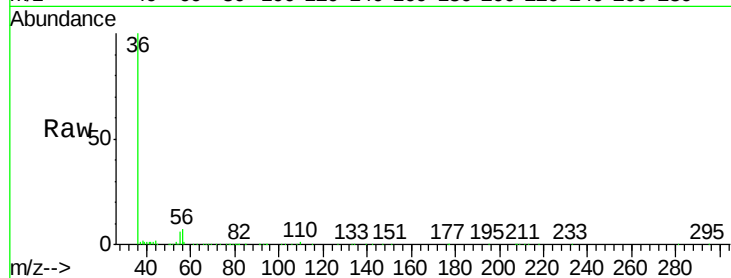
#13  
Acrolein  
Concen: 132.36 ug/l  
RT: 2.08 min Scan# 157  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion   | 56   | Resp  | 18056 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 56        | 100  |       |       |
| 55        | 82.1 | 62.4  | 93.6  |

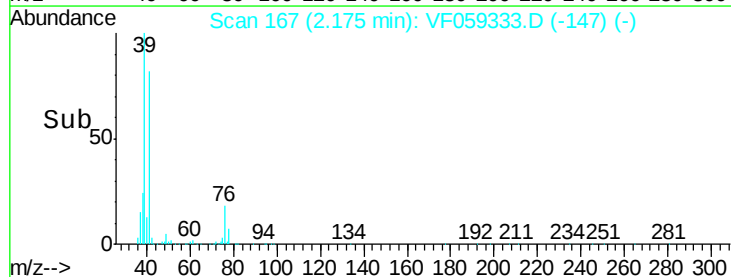
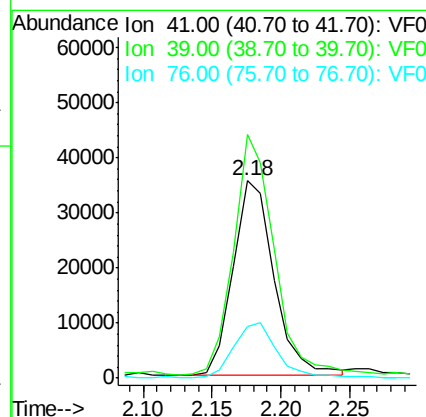
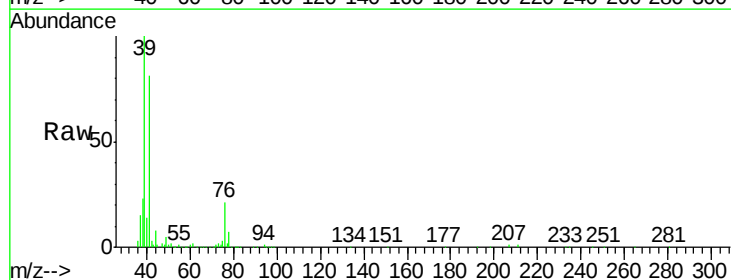
Manual Integrations  
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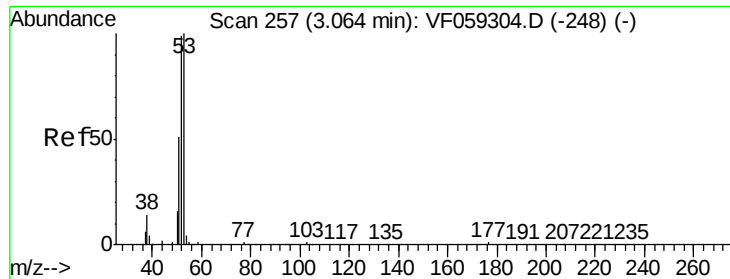
apatel  
6/28/2018 11:09:46 AM



#14  
Allyl chloride  
Concen: 21.10 ug/l  
RT: 2.18 min Scan# 167  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion   | 41    | Resp  | 72685 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 41        | 100   |       |       |
| 39        | 123.6 | 105.6 | 158.4 |
| 76        | 26.4  | 21.6  | 32.4  |





#15

Acrylonitrile

Concen: 98.43 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

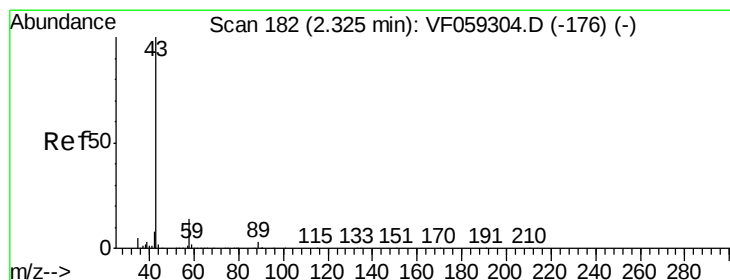
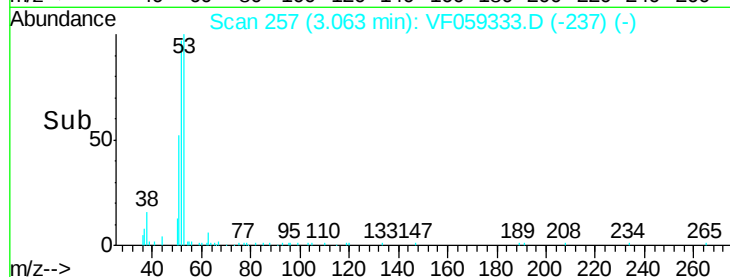
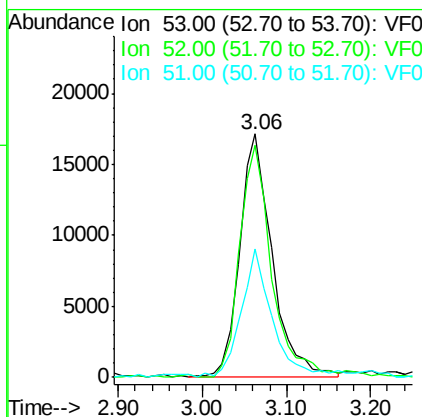
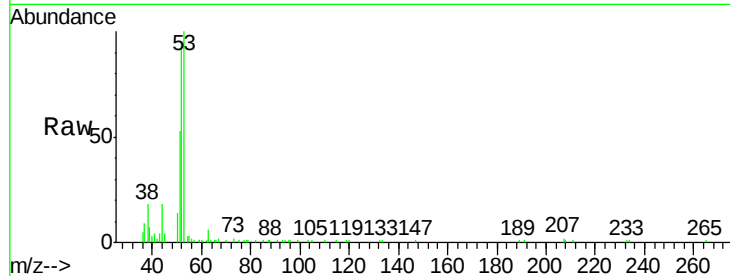
ClientSampleId :

VF0627SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 46399 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 95.3  | 79.2  | 118.8 |
| 51       | 52.7  | 40.9  | 61.3  |

Manual Integrations  
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apatel  
6/28/2018 11:09:46 AM



#16

Acetone

Concen: 112.01 ug/l

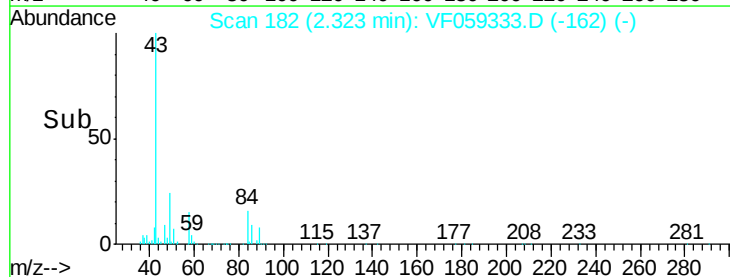
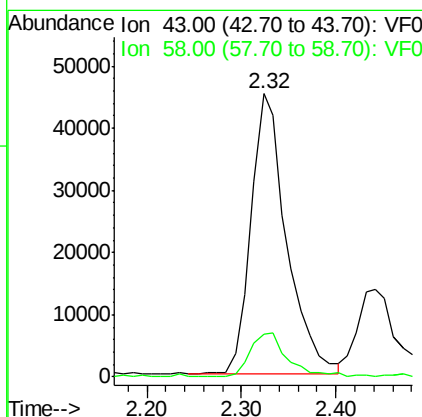
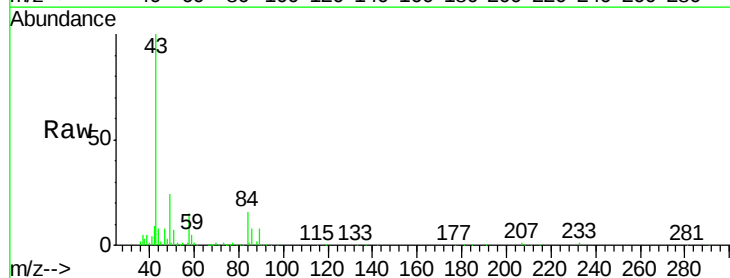
RT: 2.32 min Scan# 182

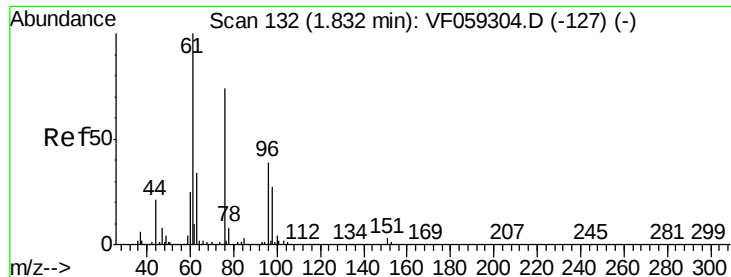
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 118137 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 15.2  | 11.4  | 17.0   |





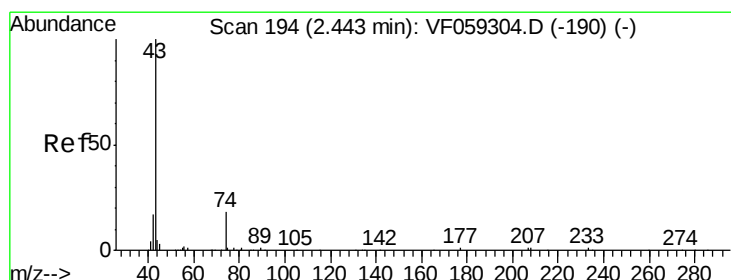
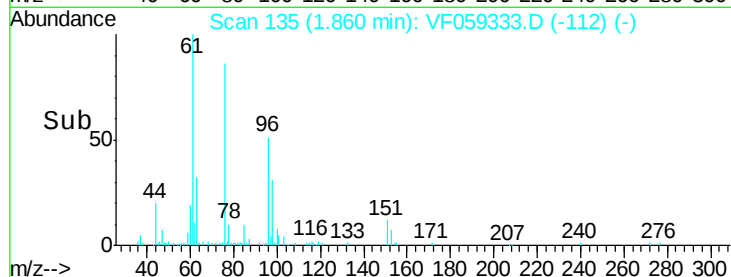
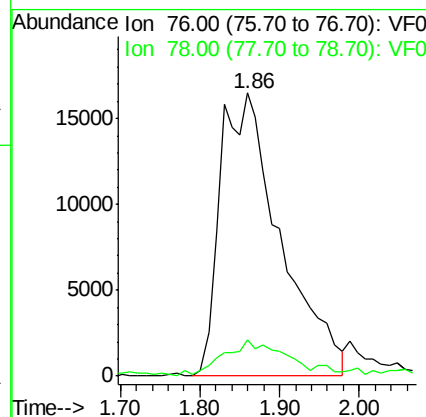
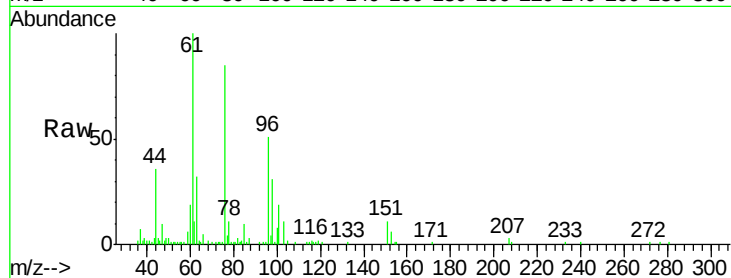
#17  
Carbon Disulfide  
Concen: 20.08 ug/l  
RT: 1.86 min Scan# 135  
Delta R.T. 0.03 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 13.0  | 8.9   | 13.3  |

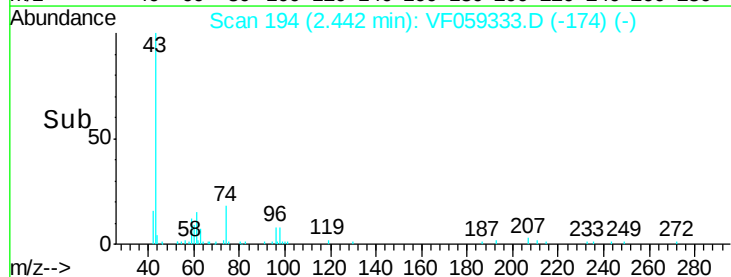
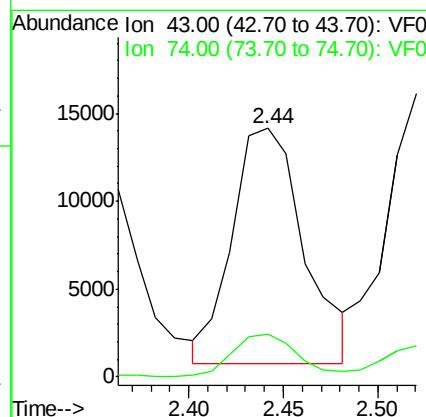
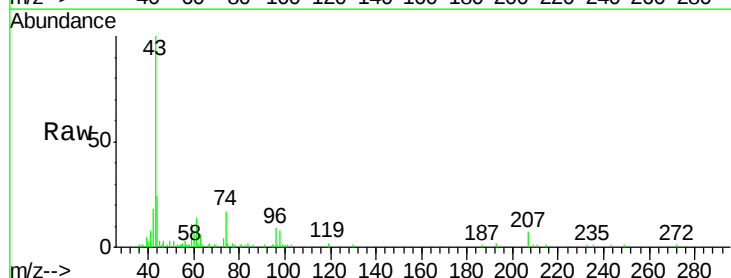
Manual Integrations  
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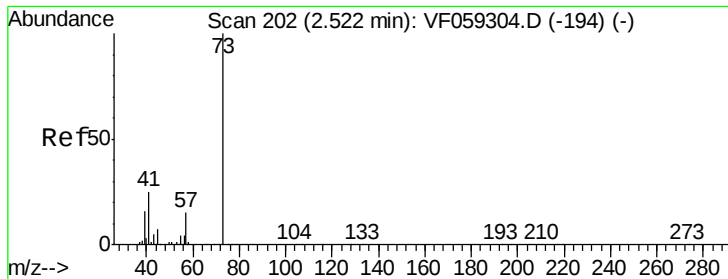
apatel  
6/28/2018 11:09:46 AM



#18  
Methyl Acetate  
Concen: 18.66 ug/l  
RT: 2.44 min Scan# 194  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 17.3  | 13.3  | 19.9  |





#19

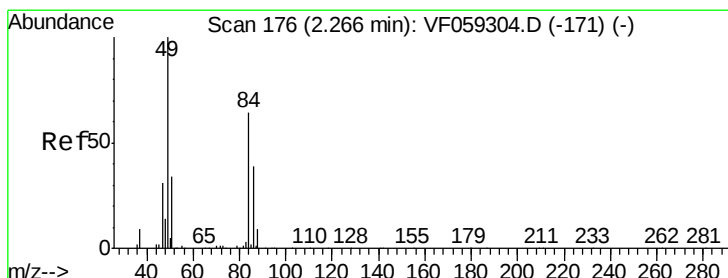
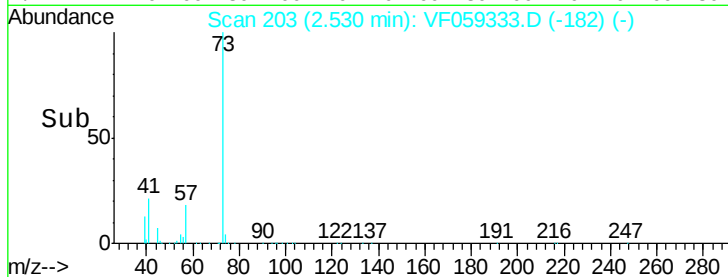
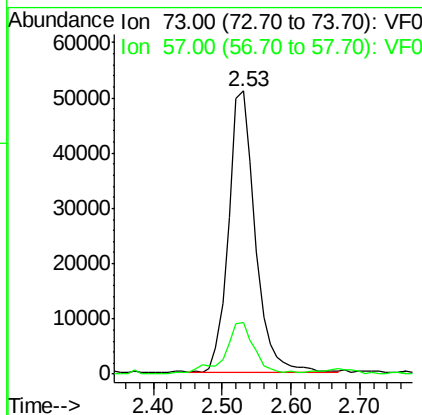
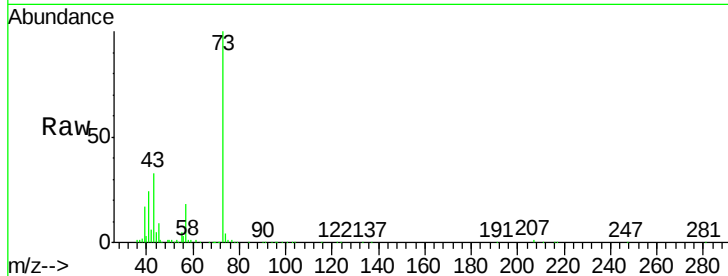
Methyl tert-butyl Ether  
 Concen: 19.99 ug/l  
 RT: 2.53 min Scan# 203  
 Delta R.T. 0.01 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.1  | 12.3  | 18.5  |

Manual Integrations  
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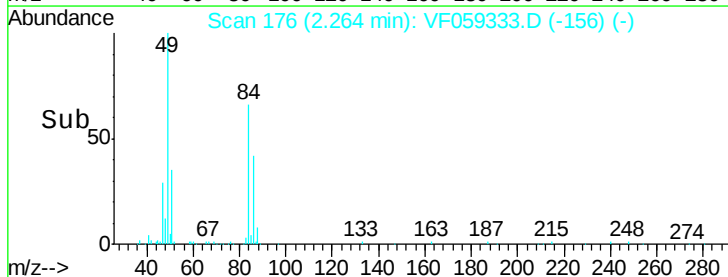
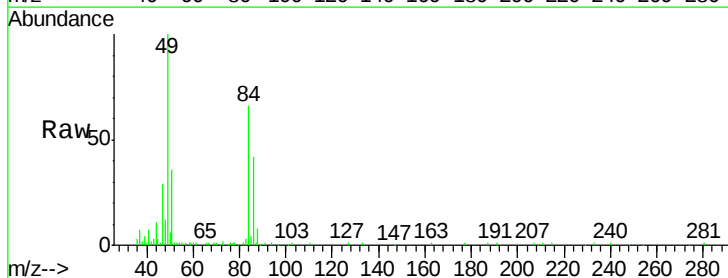
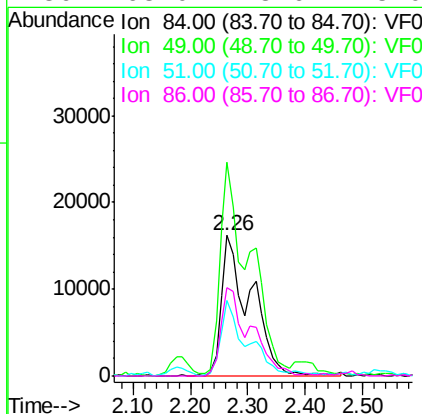
apatel  
 6/28/2018 11:09:46 AM

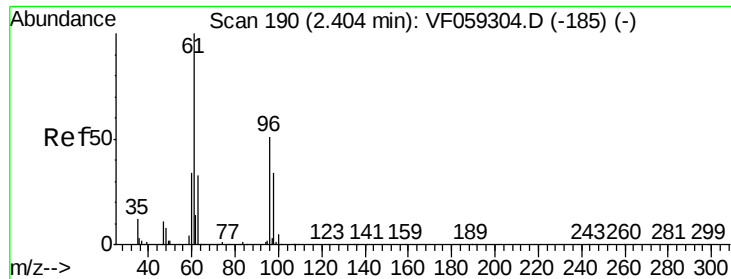


#20

Methylene Chloride  
 Concen: 21.47 ug/l m  
 RT: 2.26 min Scan# 176  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 151.7 | 126.5 | 189.7 |
| 51      | 53.9  | 42.9  | 64.3  |
| 86      | 63.0  | 48.6  | 73.0  |





#21

trans-1,2-Dichloroethene

Concen: 22.28 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

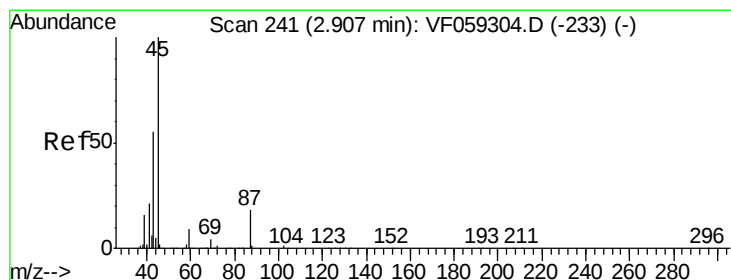
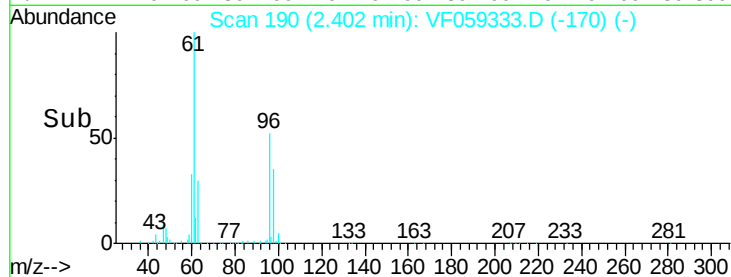
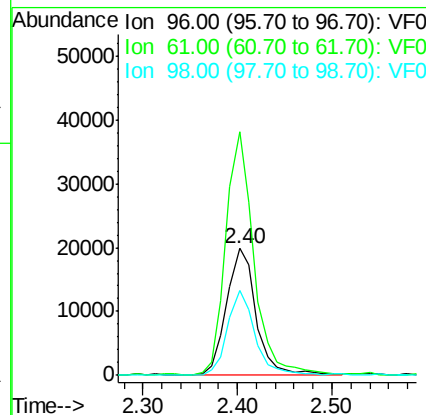
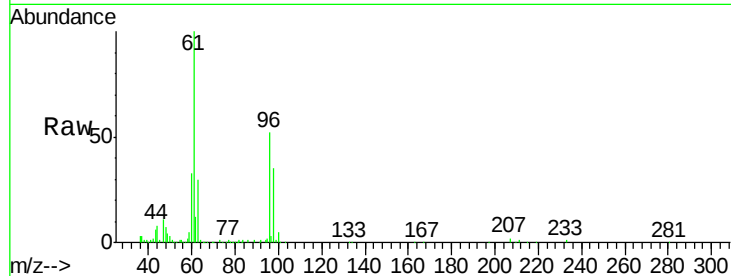
ClientSampleId :

VF0627SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 43604 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 191.6 | 157.4 | 236.2 |
| 98       | 66.7  | 53.7  | 80.5  |

Manual Integrations  
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apatel  
6/28/2018 11:09:46 AM



#22

Diisopropyl ether

Concen: 21.07 ug/l

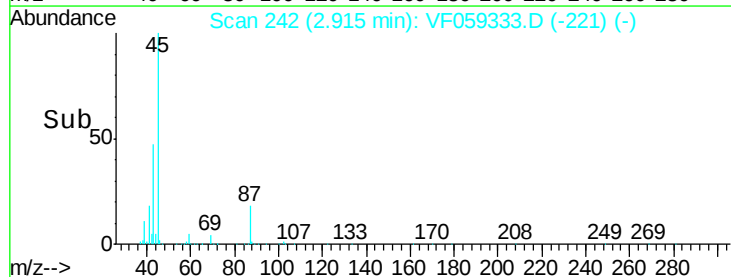
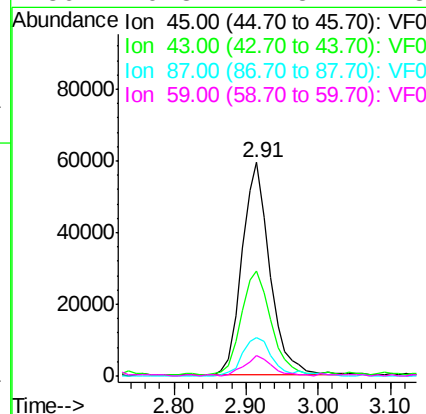
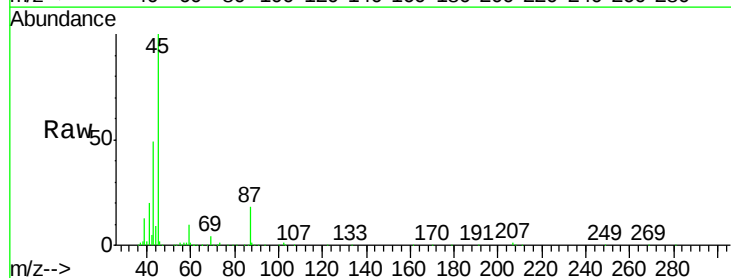
RT: 2.91 min Scan# 242

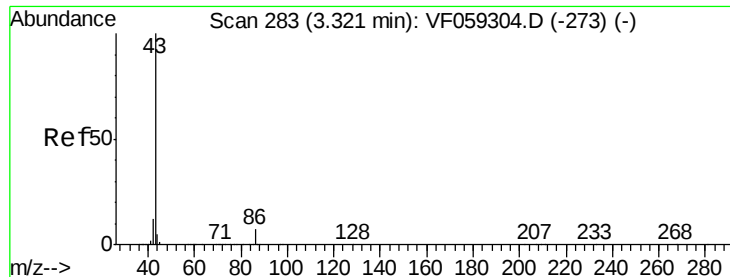
Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 160736 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 49.2  | 44.6  | 66.8   |
| 87       | 18.0  | 14.3  | 21.5   |
| 59       | 9.8   | 7.5   | 11.3   |





#23

Vinyl Acetate

Concen: 111.14 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 43 Resp: 539853

Ion Ratio Lower Upper

43 100

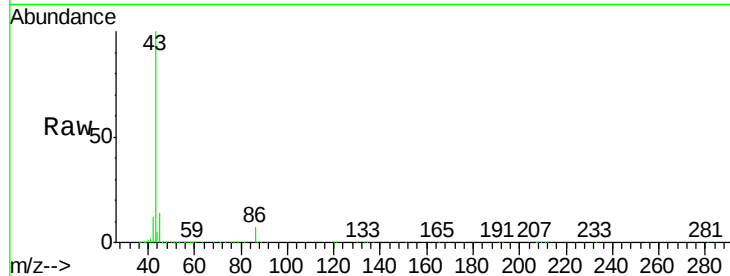
86 6.8 5.8 8.6

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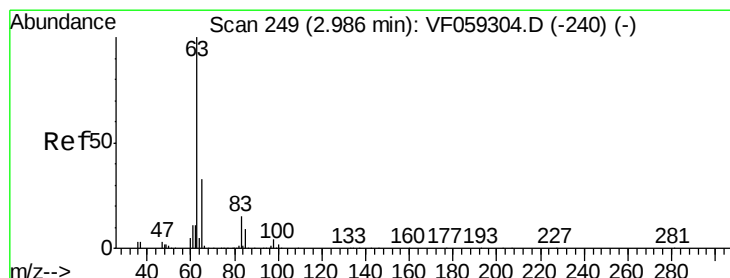
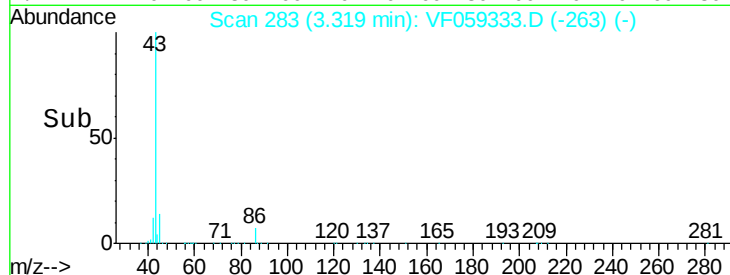
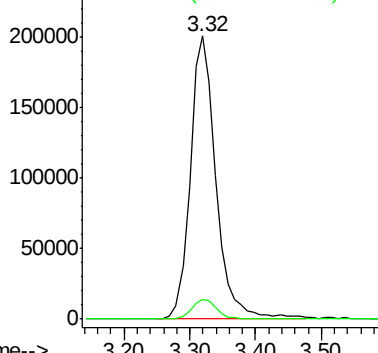
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 20.58 ug/l

RT: 2.99 min Scan# 250

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

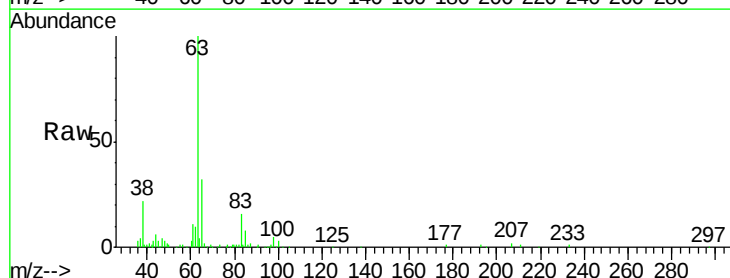
Tgt Ion: 63 Resp: 97338

Ion Ratio Lower Upper

63 100

98 4.6 2.0 6.0

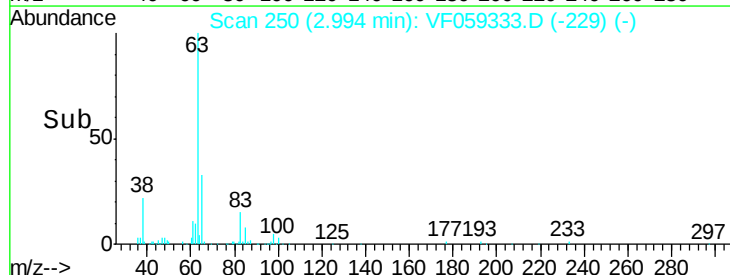
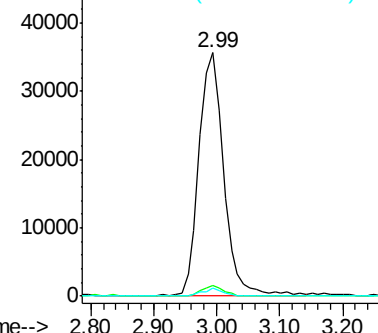
100 3.2 1.3 3.9

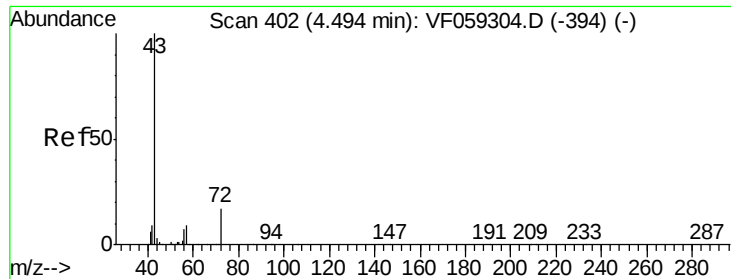


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 110.53 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 43 Resp: 136313

Ion Ratio Lower Upper

43 100

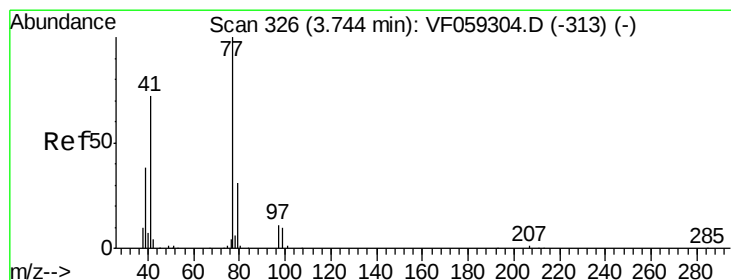
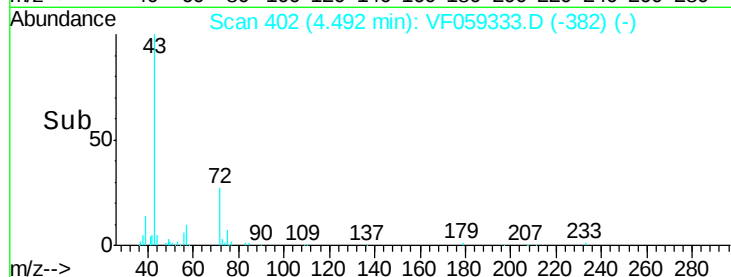
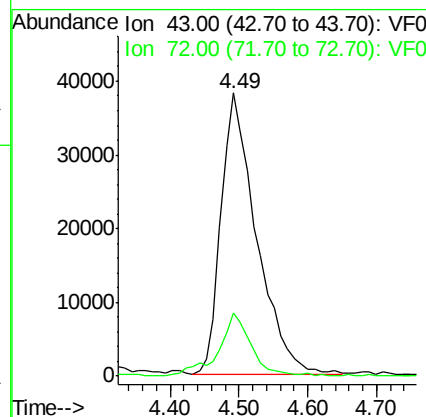
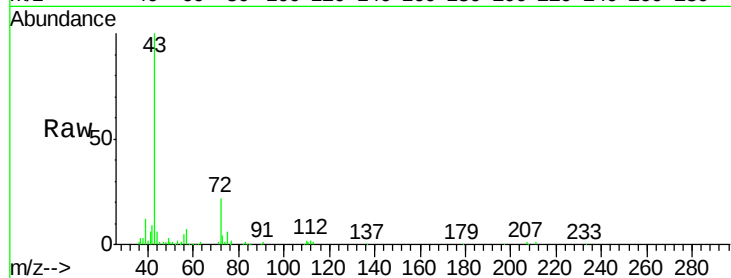
72 22.4 14.4 21.6#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.11 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF059333.D

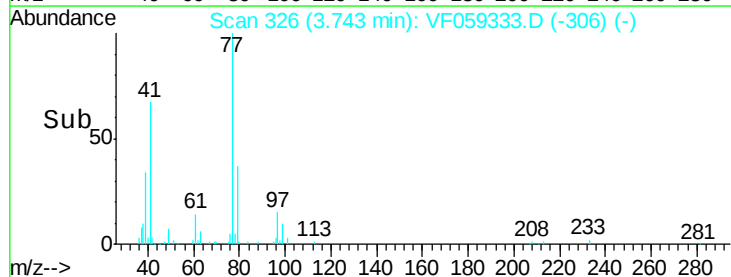
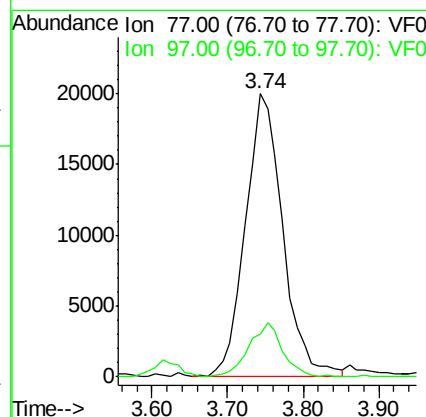
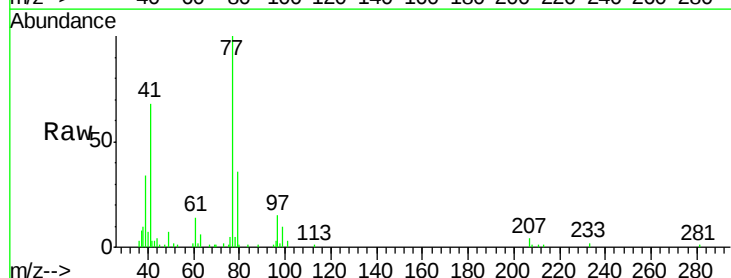
Acq: 27 Jun 2018 12:34

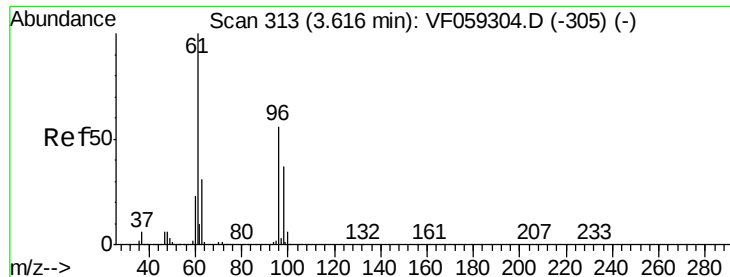
Tgt Ion: 77 Resp: 68857

Ion Ratio Lower Upper

77 100

97 15.3 8.0 23.8





#27

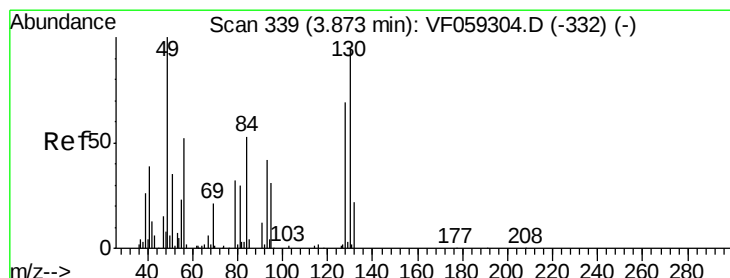
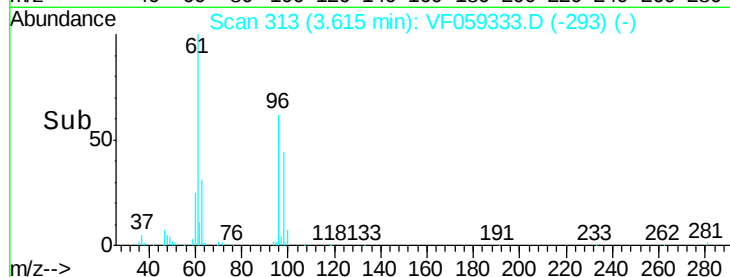
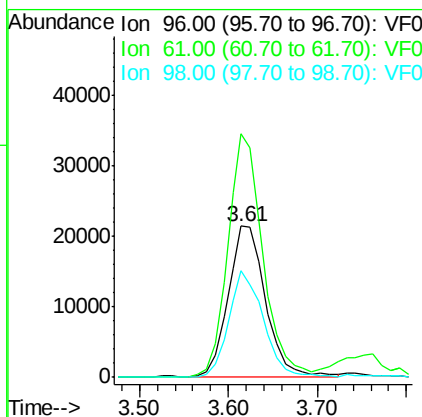
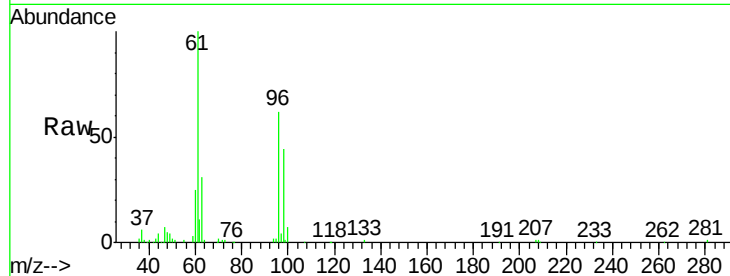
cis-1,2-Dichloroethene  
Concen: 21.17 ug/l  
RT: 3.61 min Scan# 313  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 62920 |       |       |
| 61      | 160.9 | 0.0   | 355.4 |       |
| 98      | 70.5  | 0.0   | 131.0 |       |

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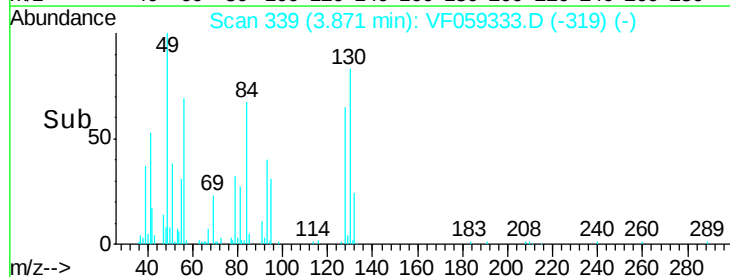
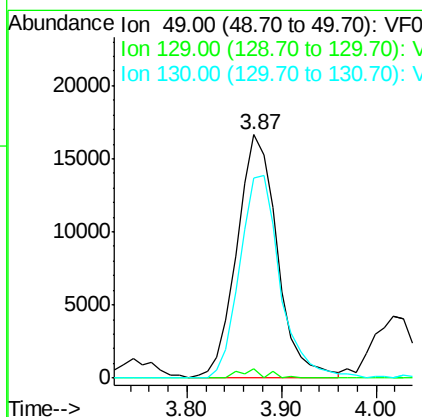
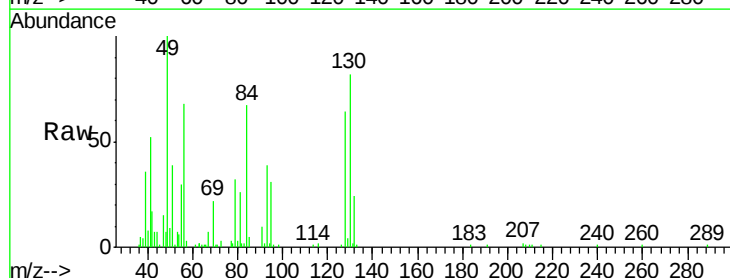
apatel  
6/28/2018 11:09:46 AM

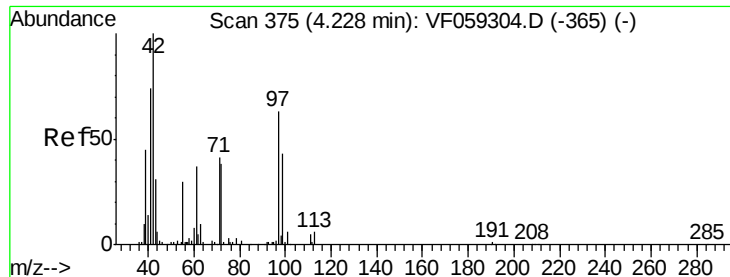


#28

Bromochloromethane  
Concen: 25.18 ug/l  
RT: 3.87 min Scan# 339  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 49563 |       |       |
| 129     | 3.7   | 0.0   | 6.4   |       |
| 130     | 82.3  | 75.1  | 112.7 |       |





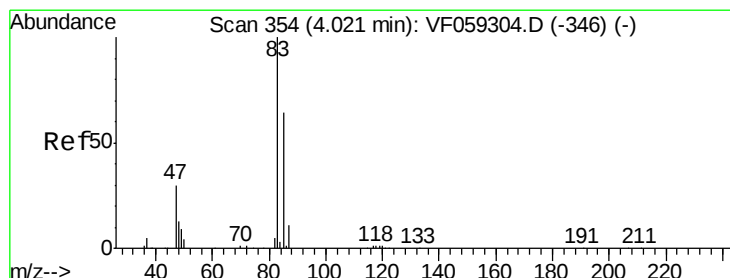
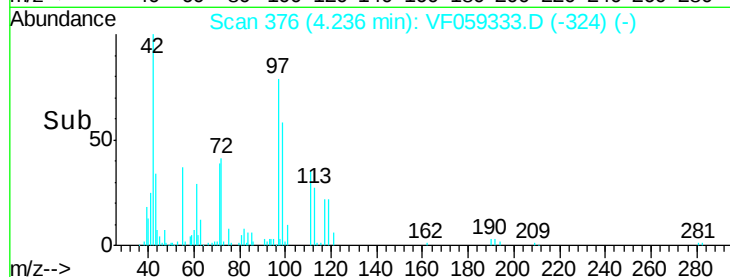
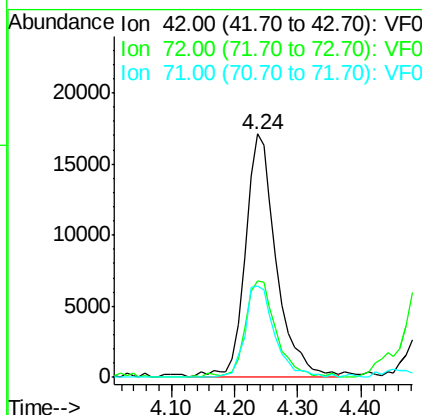
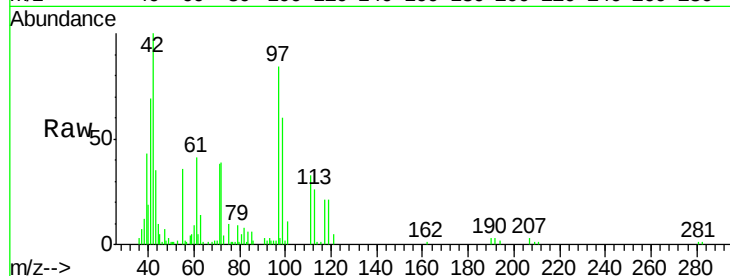
#29  
Tetrahydrofuran  
Concen: 108.11 ug/l  
RT: 4.24 min Scan# 376  
Delta R.T. 0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 42   | Resp: | 58515 |
| Ion Ratio |      | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 39.2 | 30.5  | 45.7  |
| 71        | 36.1 | 32.5  | 48.7  |

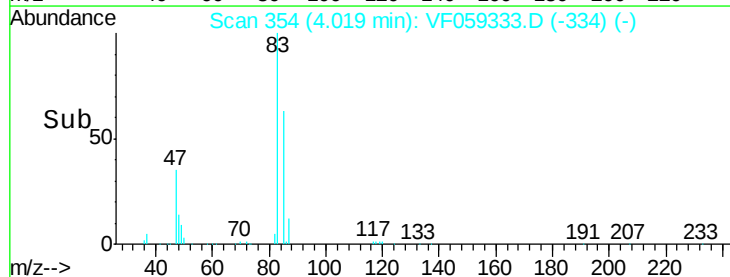
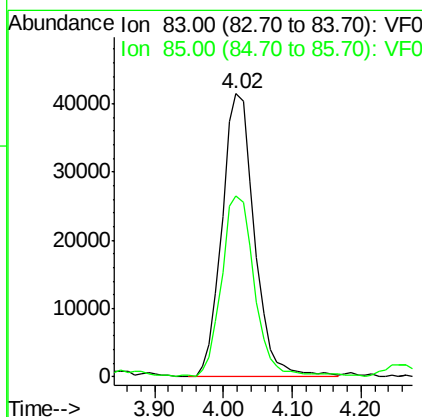
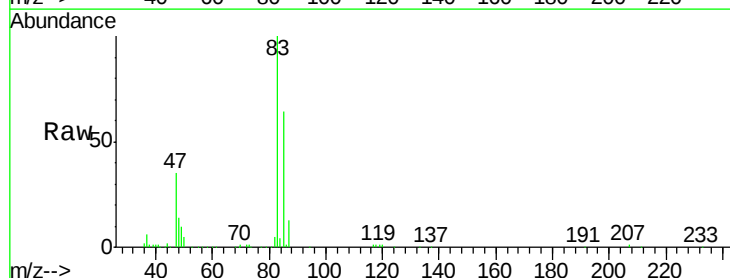
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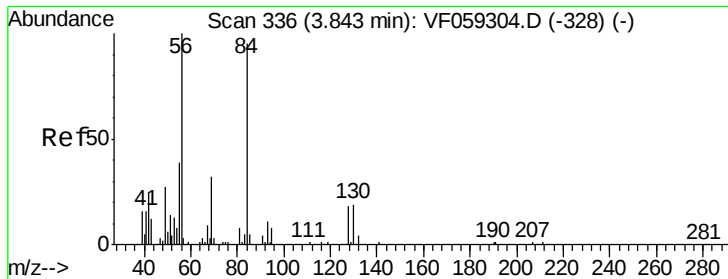
apatel  
6/28/2018 11:09:46 AM



#30  
Chloroform  
Concen: 19.58 ug/l  
RT: 4.02 min Scan# 354  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 134036 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 63.9 | 51.3  | 76.9   |





#31

Cyclohexane

Concen: 20.80 ug/l

RT: 3.84 min Scan# 336

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

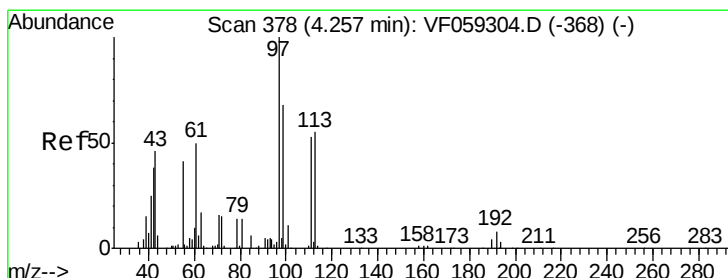
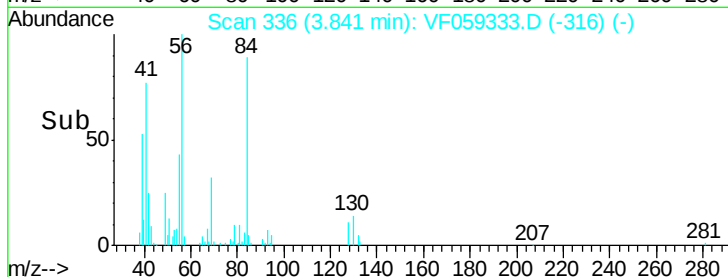
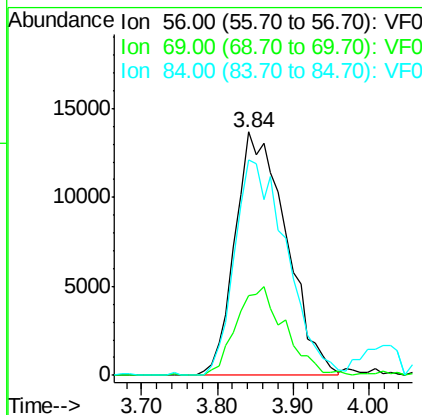
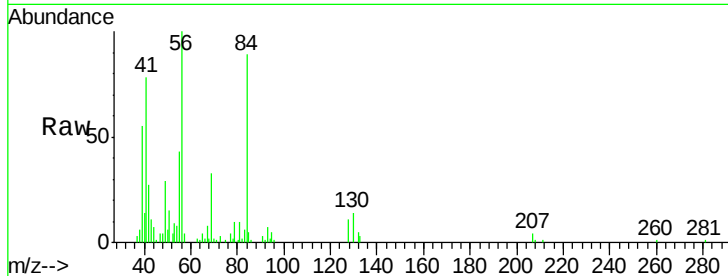
ClientSampleId :

VF0627SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 56    | Resp: | 64451 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 32.7  | 25.8  | 38.8  |
| 84        | 88.6  | 75.6  | 113.4 |

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#32

1,1,1-Trichloroethane

Concen: 19.68 ug/l

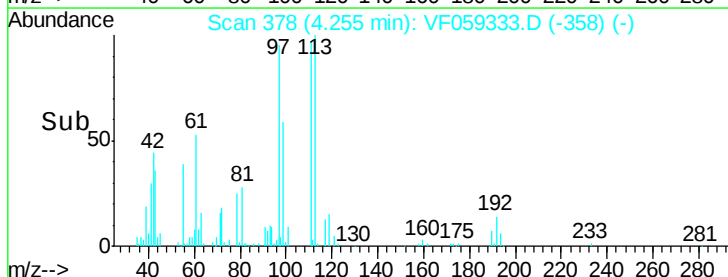
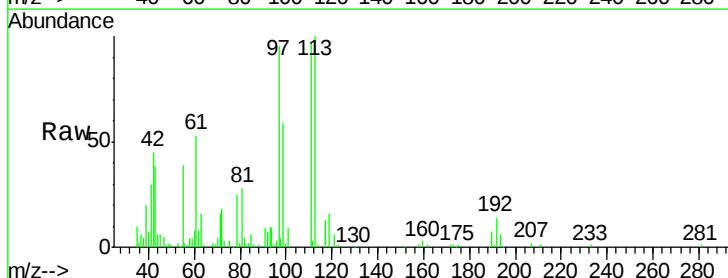
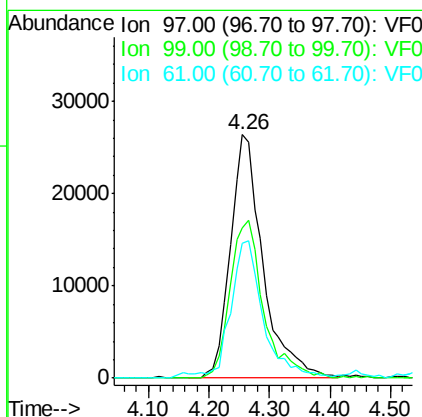
RT: 4.26 min Scan# 378

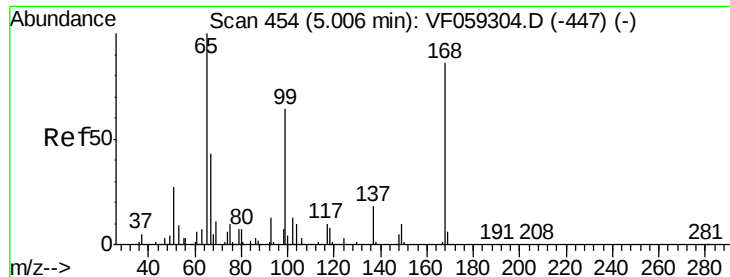
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 98607 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 61.8  | 54.1  | 81.1  |
| 61        | 55.4  | 41.2  | 61.8  |





#33

1,2-Dichloroethane-d4

Concen: 44.70 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 65 Resp: 179730

Ion Ratio Lower Upper

65 100

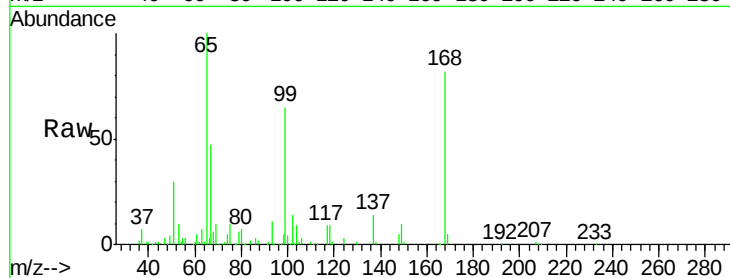
67 46.5 0.0 96.8

Manual Integrations

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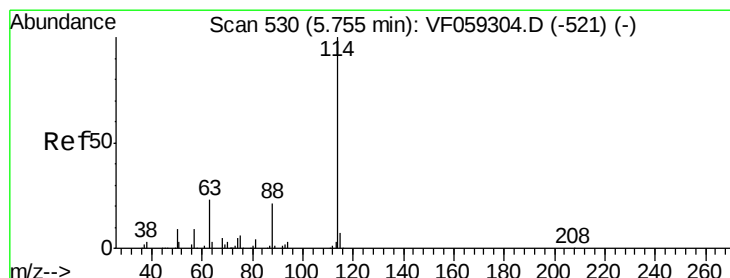
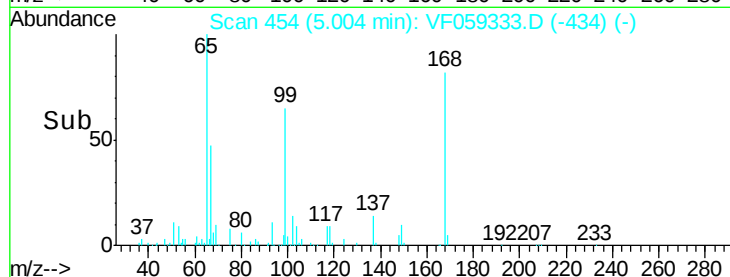
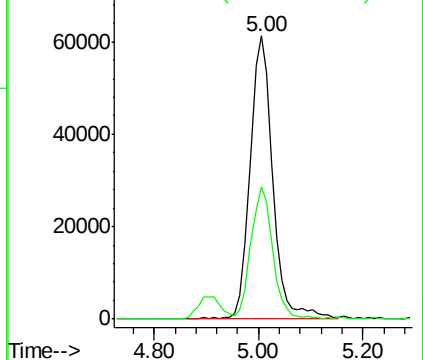
apatel

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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

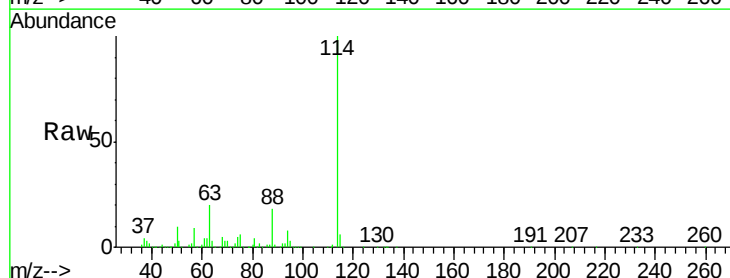
Tgt Ion: 114 Resp: 479092

Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.8

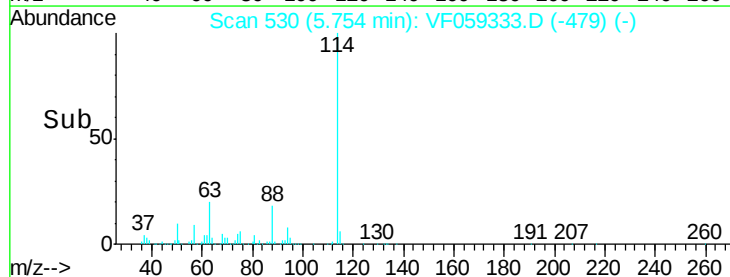
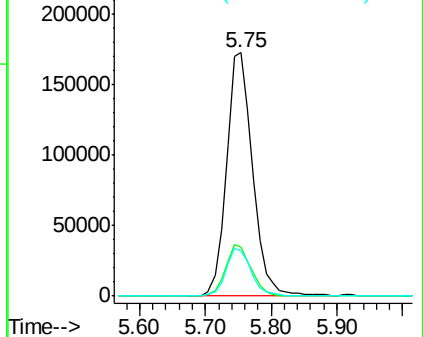
88 18.5 0.0 41.2

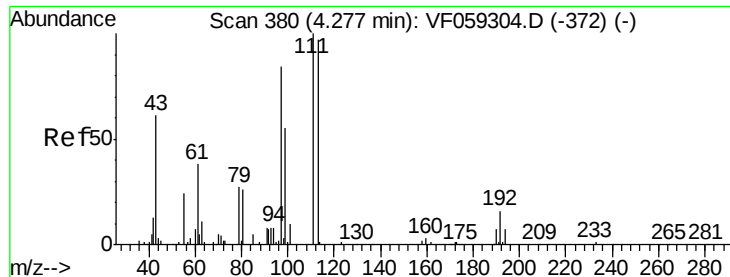


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 44.73 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

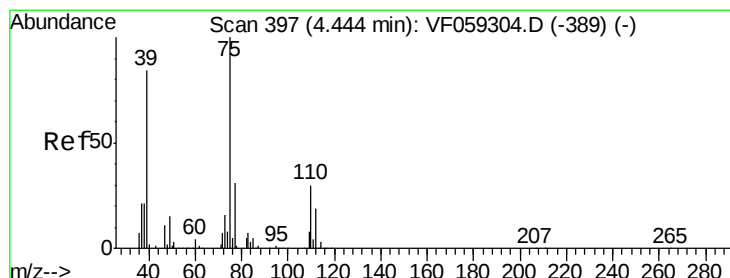
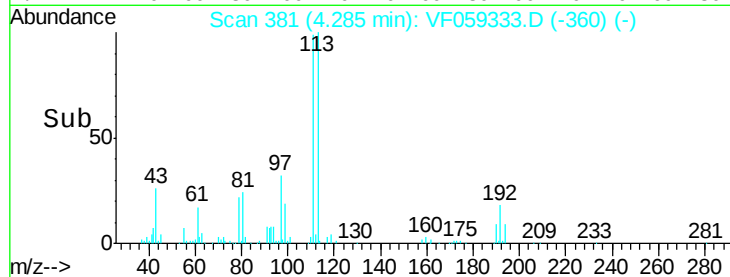
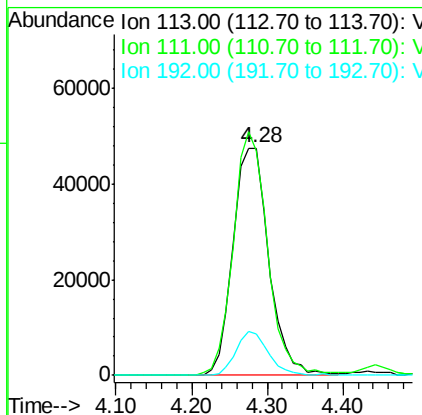
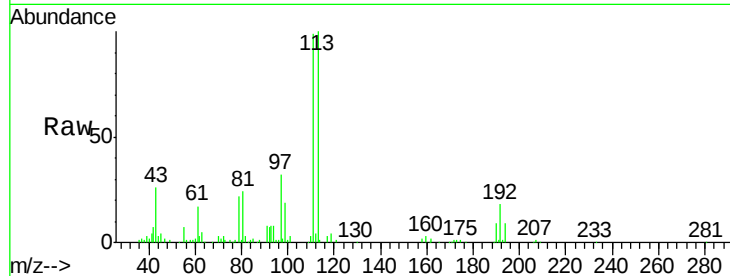
ClientSampleId :

VF0627SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 156598 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 99.1  | 82.1  | 123.1  |
| 192       | 18.1  | 13.0  | 19.6   |

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#36

1,1-Dichloropropene

Concen: 21.54 ug/l

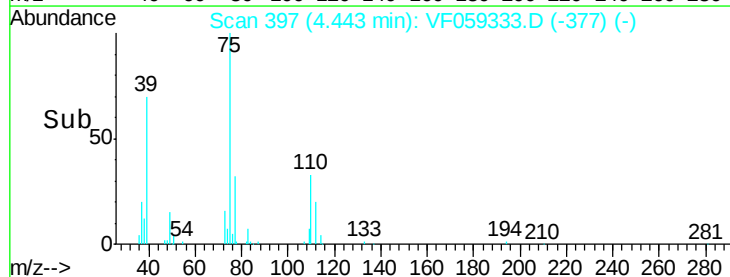
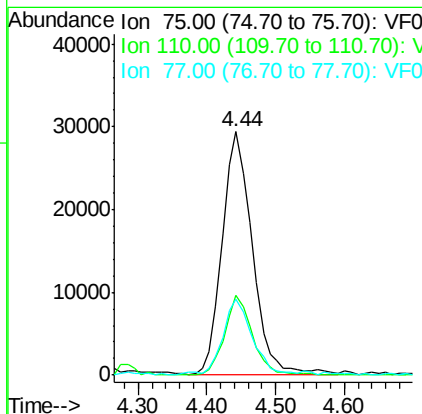
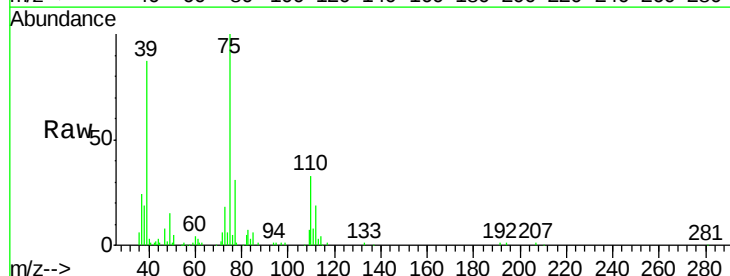
RT: 4.44 min Scan# 397

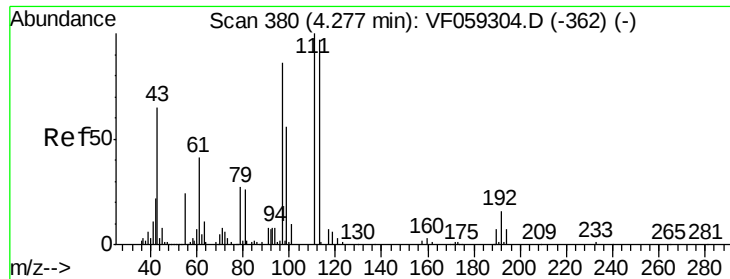
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 90148 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 32.9  | 14.8  | 44.4  |
| 77        | 31.1  | 25.2  | 37.8  |





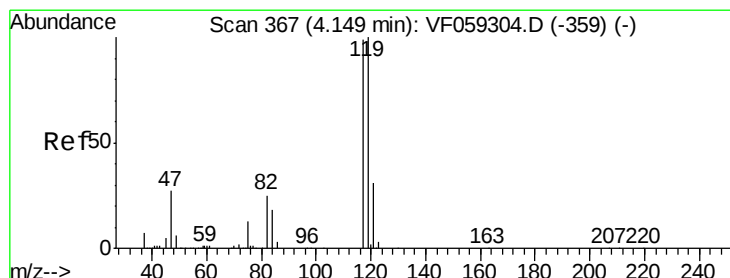
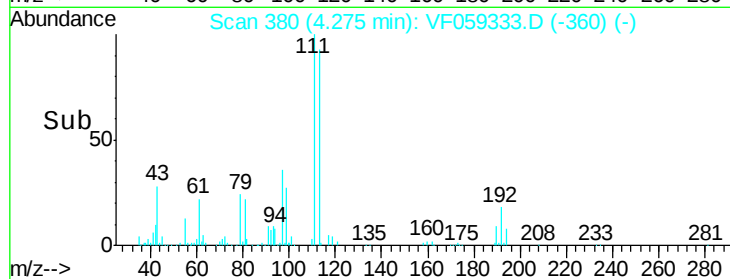
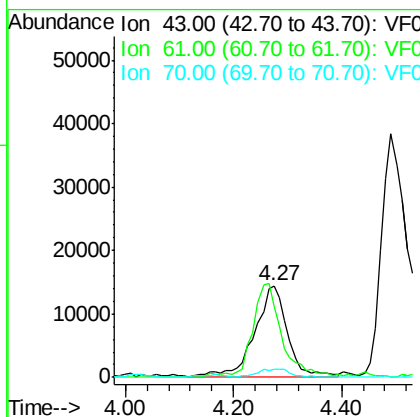
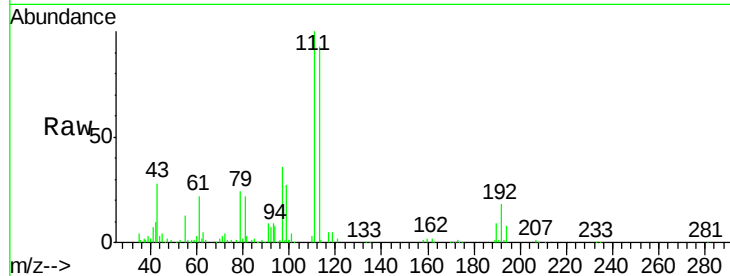
#37  
Ethyl Acetate  
Concen: 21.13 ug/l  
RT: 4.27 min Scan# 380  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion     | 43  | 61   | 70  | Ratio | Lower | Upper |
|-------------|-----|------|-----|-------|-------|-------|
| Resp: 58863 | 100 | 77.7 | 8.2 |       |       |       |
|             |     | 50.1 | 6.2 |       |       |       |
|             |     |      | 9.4 |       |       |       |

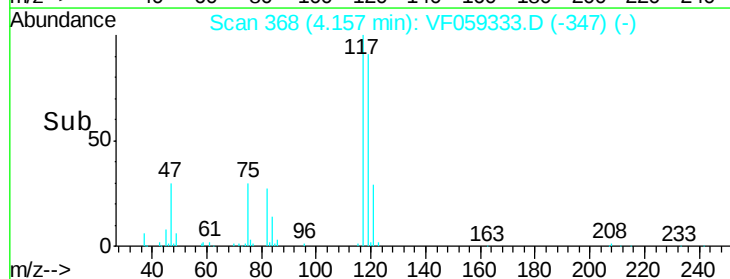
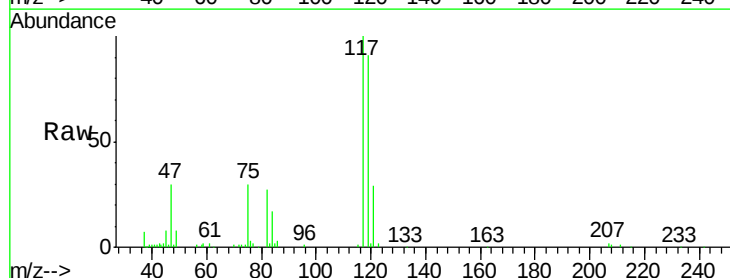
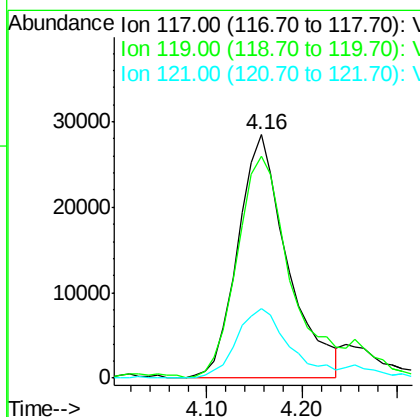
Manual Integrations  
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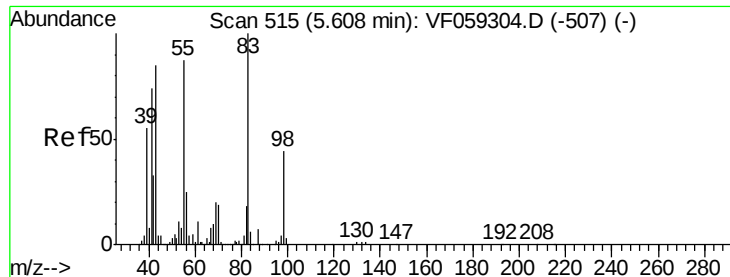
apatel  
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#38  
Carbon Tetrachloride  
Concen: 19.55 ug/l m  
RT: 4.16 min Scan# 368  
Delta R.T. 0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion      | 117 | 119  | 121  | Ratio | Lower | Upper |
|--------------|-----|------|------|-------|-------|-------|
| Resp: 103257 | 100 | 91.2 | 28.7 |       |       |       |
|              |     | 81.0 | 24.7 |       |       |       |
|              |     |      | 37.1 |       |       |       |





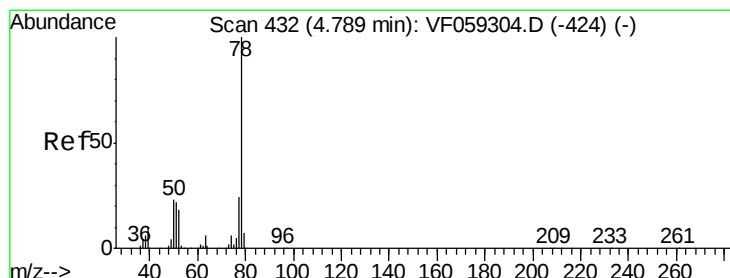
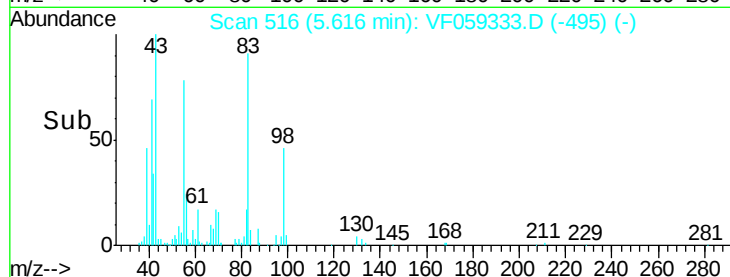
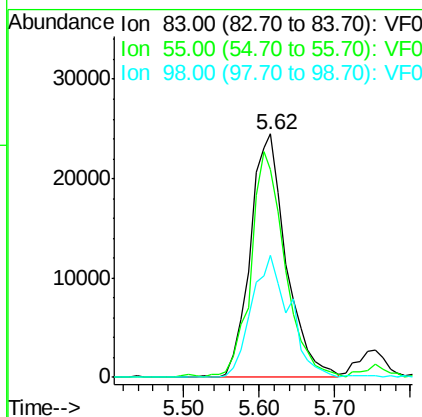
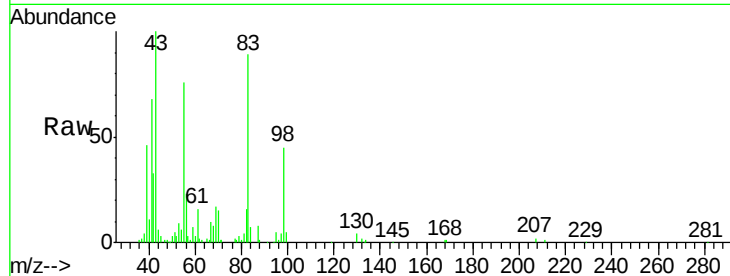
#39  
Methvlcvclohexane  
Concen: 21.75 ug/l  
RT: 5.62 min Scan# 516  
Delta R.T. 0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 85.3  | 69.2  | 103.8 |
| 98      | 50.2  | 35.0  | 52.6  |

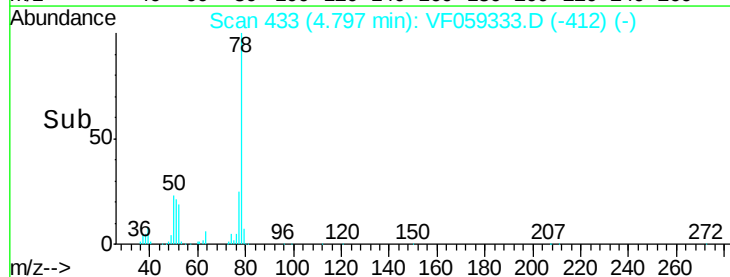
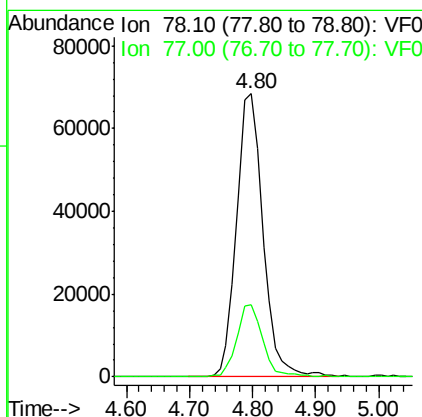
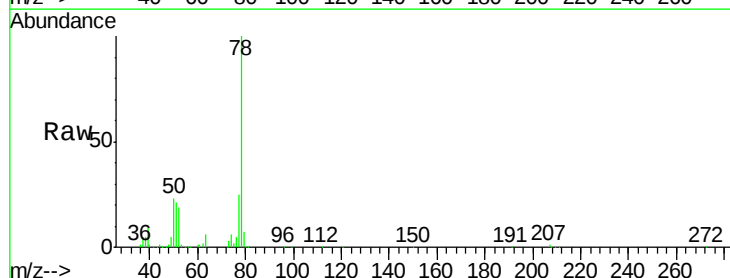
Manual Integrations  
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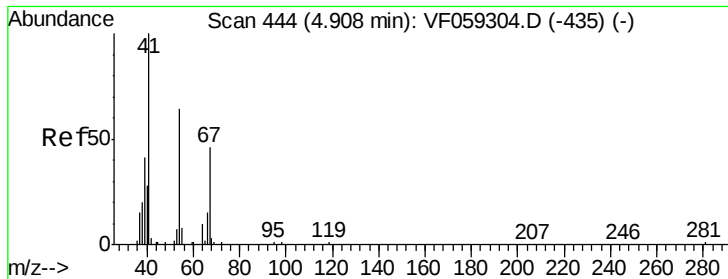
apatel  
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#40  
Benzene  
Concen: 21.47 ug/l  
RT: 4.80 min Scan# 433  
Delta R.T. 0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.5  | 19.6  | 29.4  |





#41

Methacrylonitrile

Concen: 19.46 ug/l

RT: 4.91 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

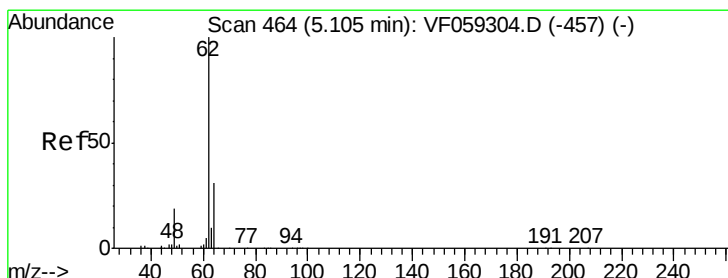
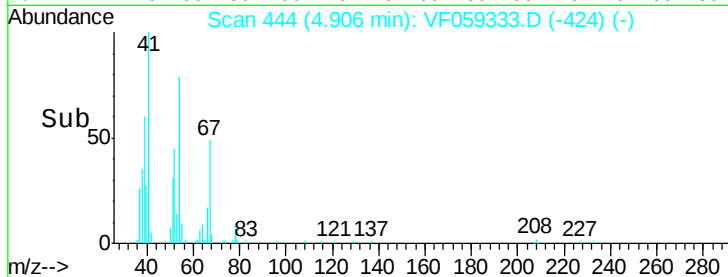
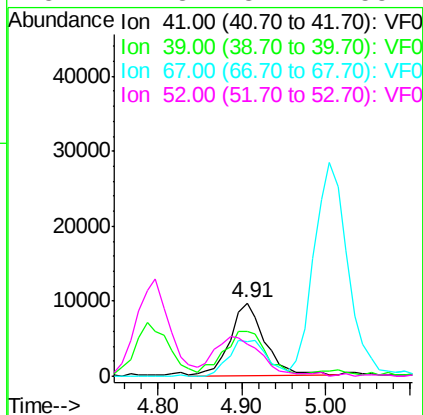
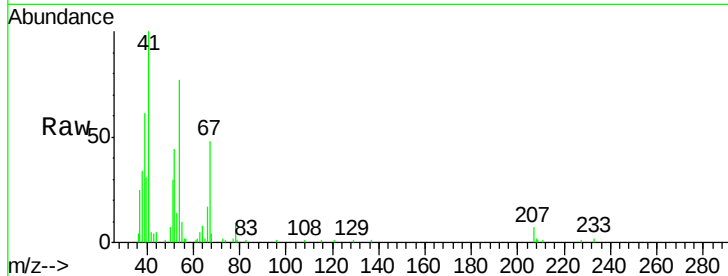
ClientSampleId :

VF0627SBS01

| Tot Ion | 41    | Resp  | 27785 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 61.3  | 50.0  | 75.0  |
| 67      | 47.9  | 37.0  | 55.6  |
| 52      | 44.3  | 37.1  | 55.7  |

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#42

1,2-Dichloroethane

Concen: 19.92 ug/l

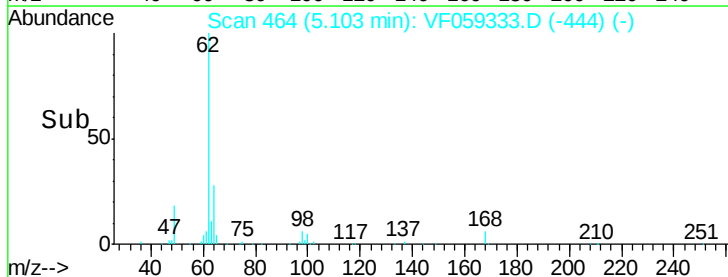
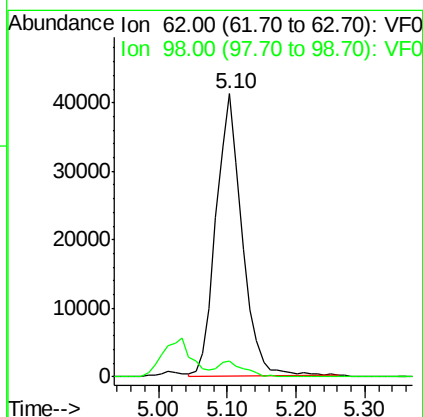
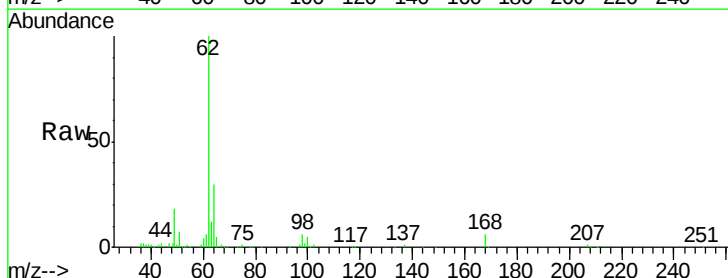
RT: 5.10 min Scan# 464

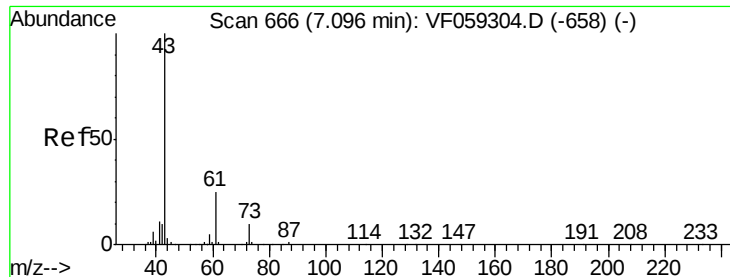
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

| Tgt Ion | 62    | Resp  | 108034 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 5.5   | 0.0   | 11.4   |





#43

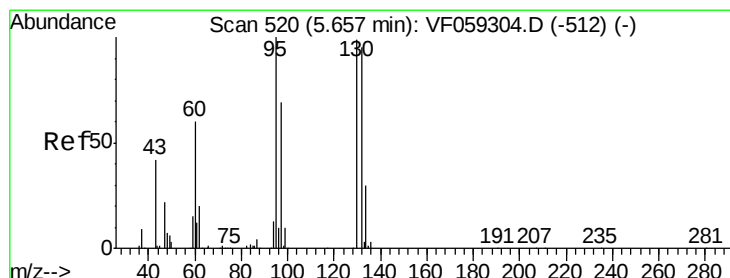
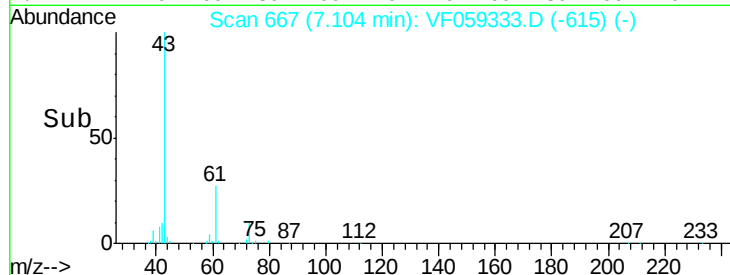
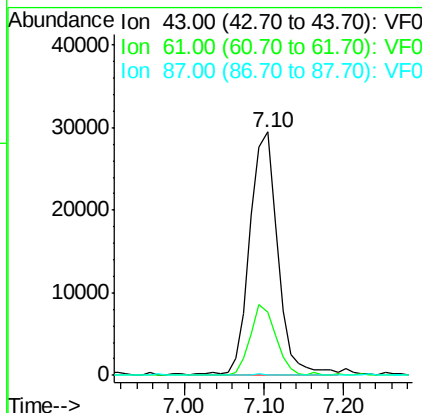
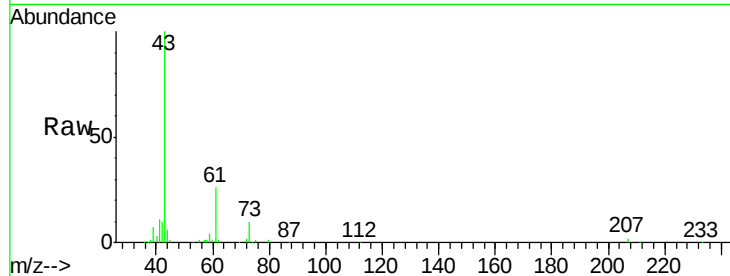
Isopropyl Acetate  
 Concen: 20.08 ug/l  
 RT: 7.10 min Scan# 667  
 Delta R.T. 0.01 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 25.9  | 19.7  | 29.5  |
| 87      | 0.4   | 0.5   | 0.7#  |

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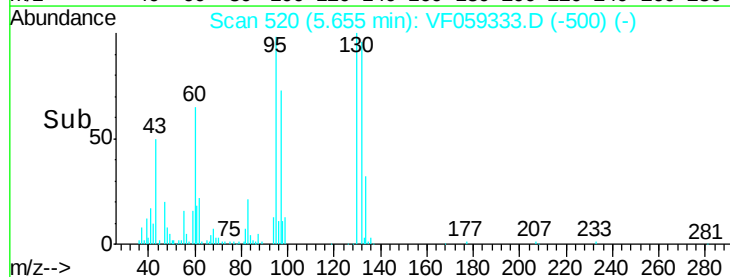
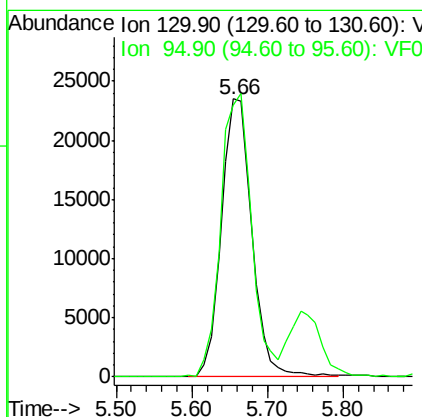
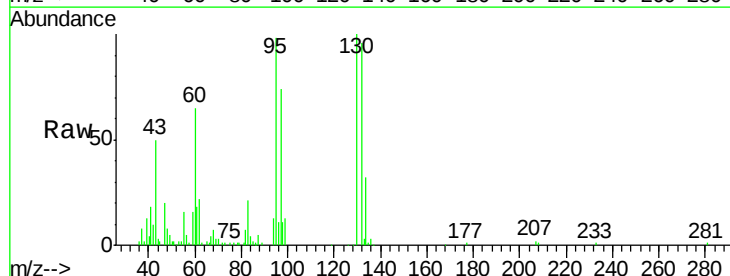
apatel  
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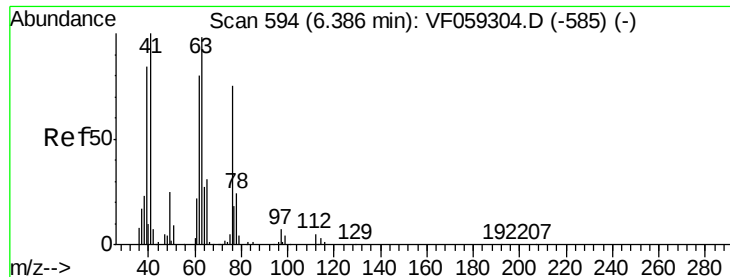


#44

Trichloroethene  
 Concen: 20.62 ug/l  
 RT: 5.66 min Scan# 520  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.8  | 0.0   | 202.4 |





#45

1,2-Dichloropropane

Concen: 21.06 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 63 Resp: 55825

Ion Ratio Lower Upper

63 100

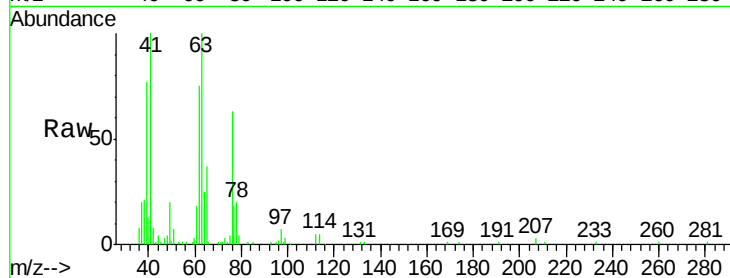
65 37.1 25.3 37.9

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

25000

20000

15000

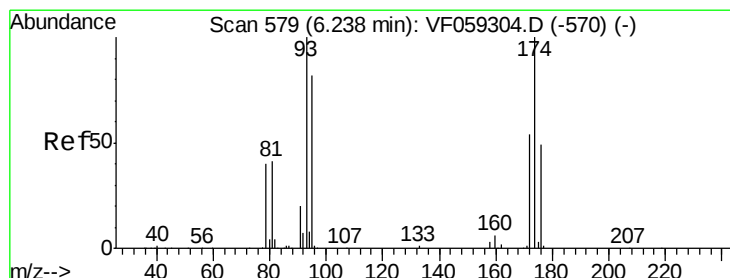
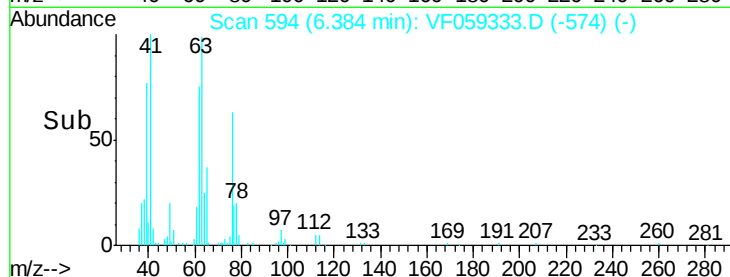
10000

5000

0

6.30 6.40 6.50

Time-->



#46

Dibromomethane

Concen: 19.52 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

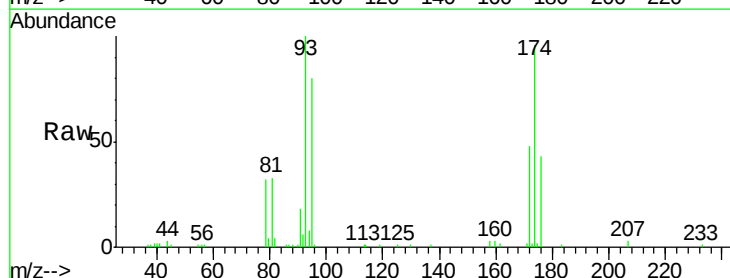
Tgt Ion: 93 Resp: 44922

Ion Ratio Lower Upper

93 100

95 80.1 65.6 98.4

174 96.0 80.0 120.0



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

25000

20000

15000

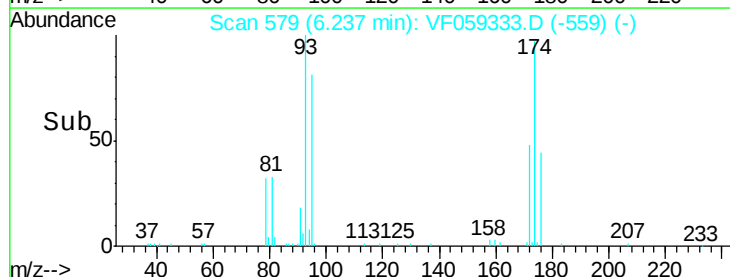
10000

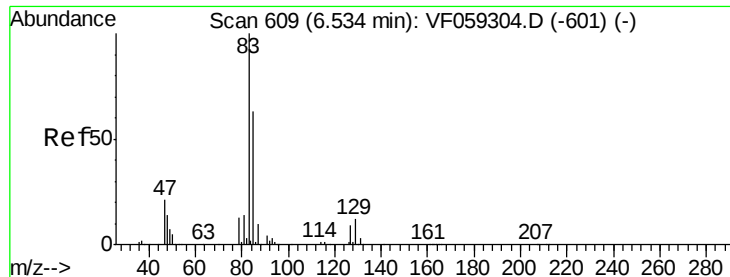
5000

0

6.10 6.20 6.30

Time-->





#47

Bromodichloromethane

Concen: 19.79 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

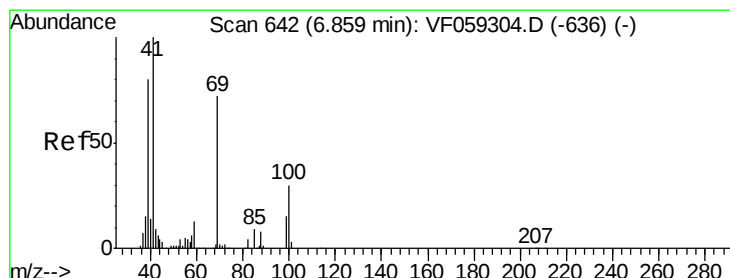
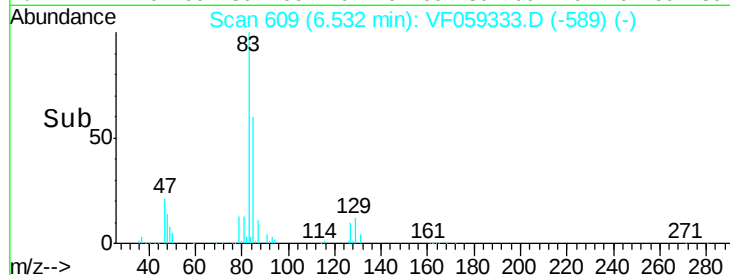
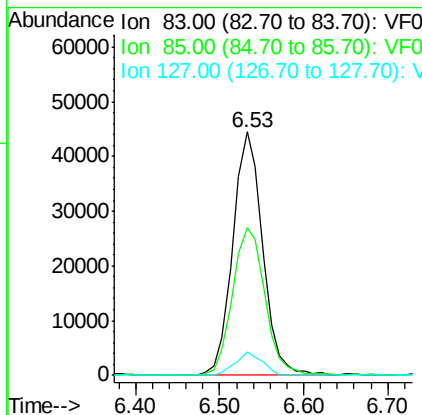
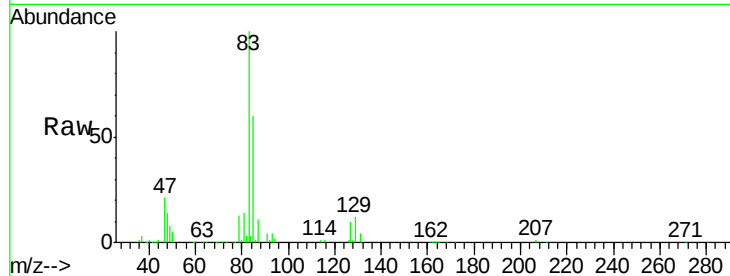
ClientSampleId :

VF0627SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 110218 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 60.4  | 50.2  | 75.2   |
| 127      | 10.4  | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 19.51 ug/l

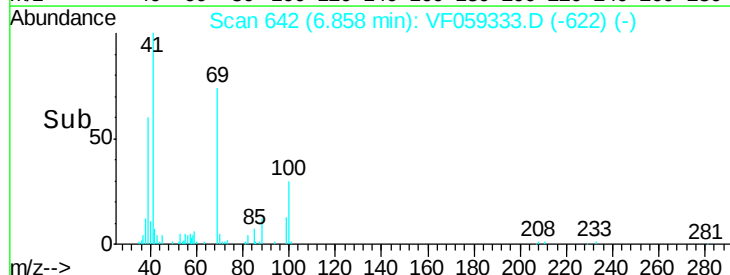
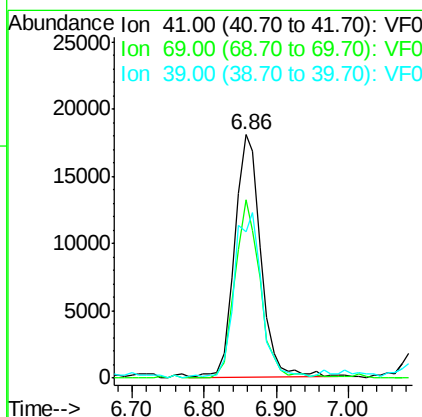
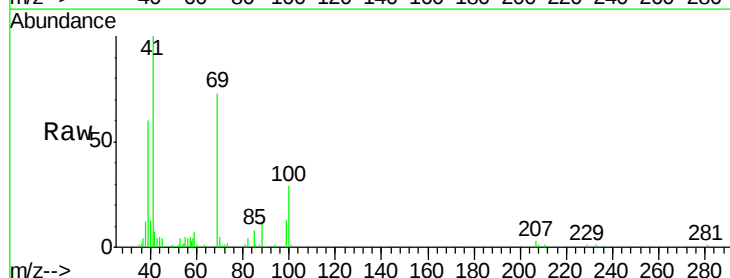
RT: 6.86 min Scan# 642

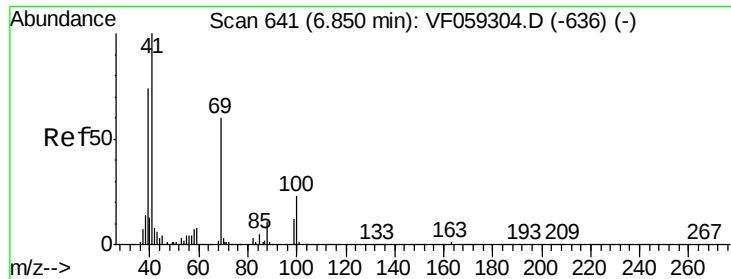
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 45582 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 73.2  | 57.3  | 85.9  |
| 39       | 60.3  | 64.4  | 96.6# |





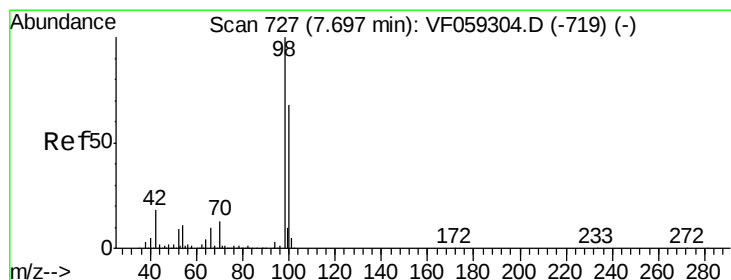
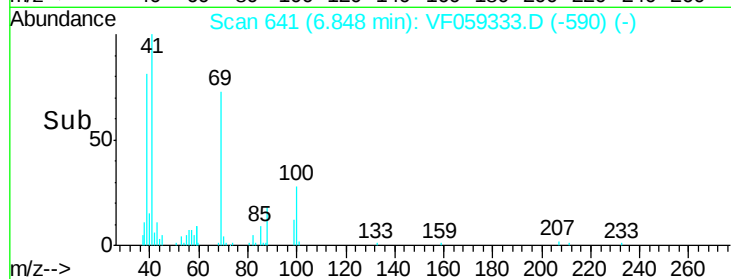
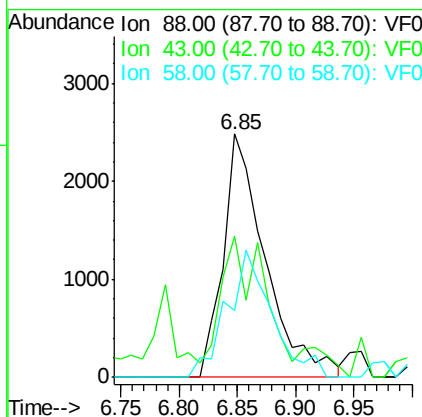
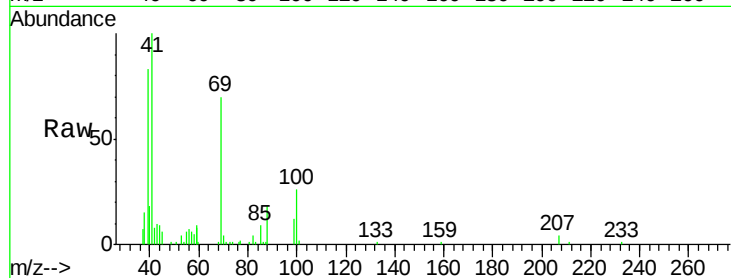
#49  
1,4-Dioxane  
Concen: 479.44 ug/l  
RT: 6.85 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 57.9  | 50.6  | 75.8  |
| 58      | 27.7  | 46.6  | 69.8  |

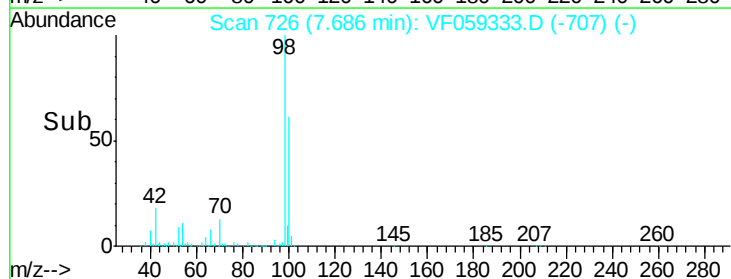
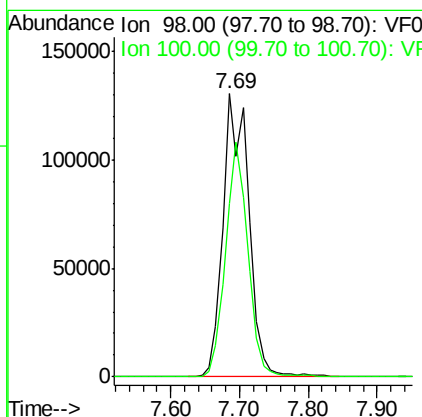
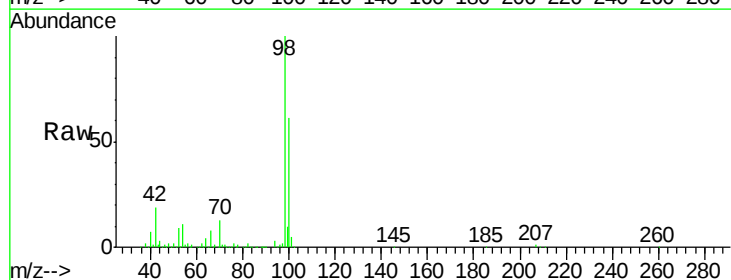
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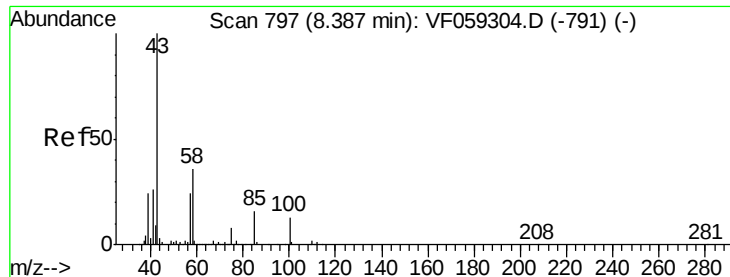
apatel  
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#50  
Toluene-d8  
Concen: 39.04 ug/l  
RT: 7.69 min Scan# 726  
Delta R.T. -0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 61.1  | 54.6  | 82.0  |





#51

4-Methyl-2-Pentanone

Concen: 104.07 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 43 Resp: 268778

Ion Ratio Lower Upper

43 100

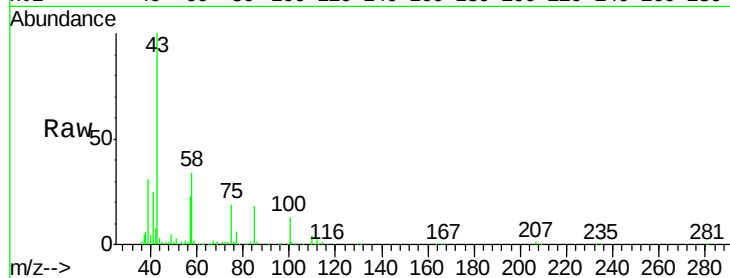
58 34.0 28.4 42.6

Manual Integrations

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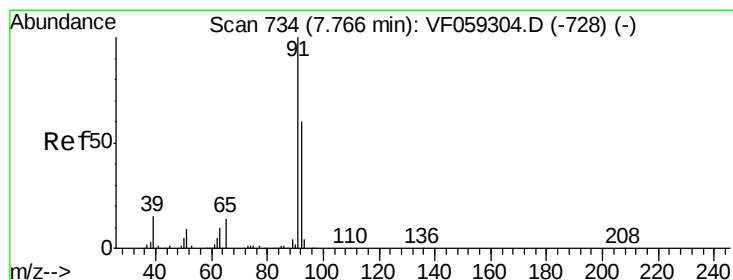
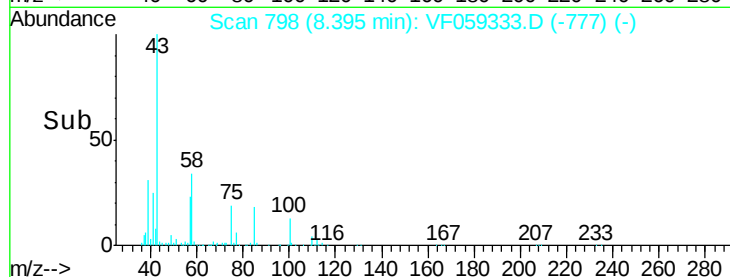
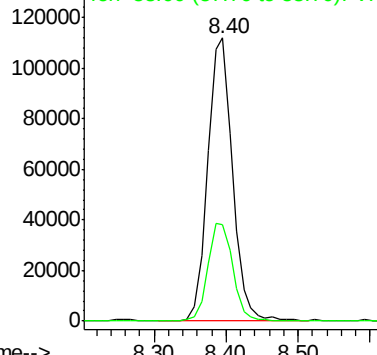
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 20.62 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059333.D

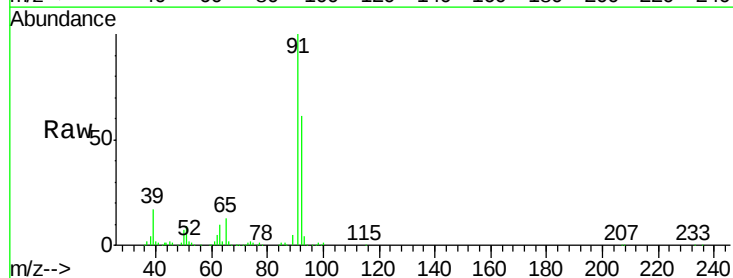
Acq: 27 Jun 2018 12:34

Tgt Ion: 92 Resp: 143173

Ion Ratio Lower Upper

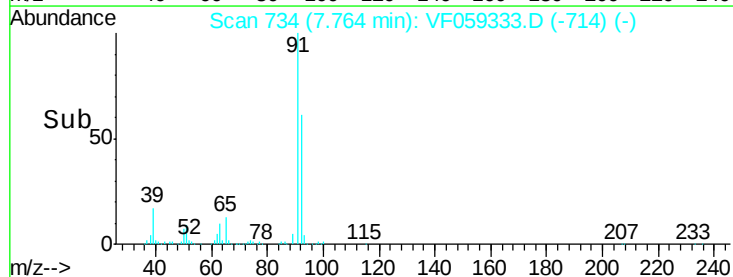
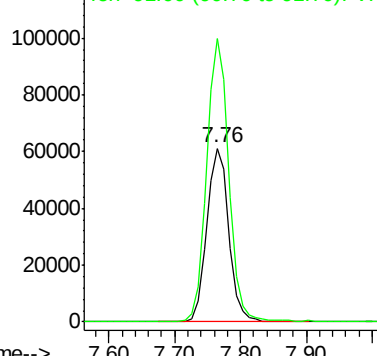
92 100

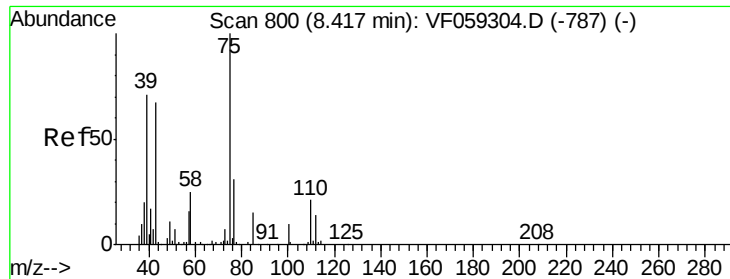
91 163.3 132.8 199.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 19.77 ug/l

RT: 8.42 min Scan# 800

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 29.0  | 25.3  | 37.9  |

Instrument :

MSVOA\_F

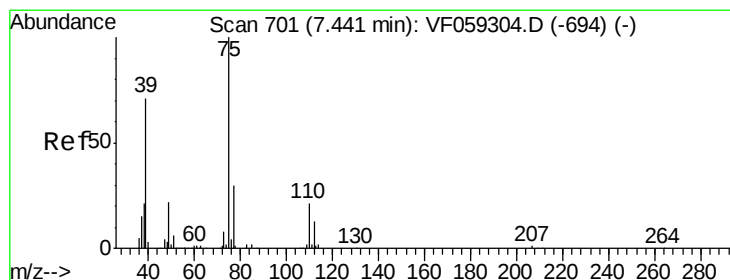
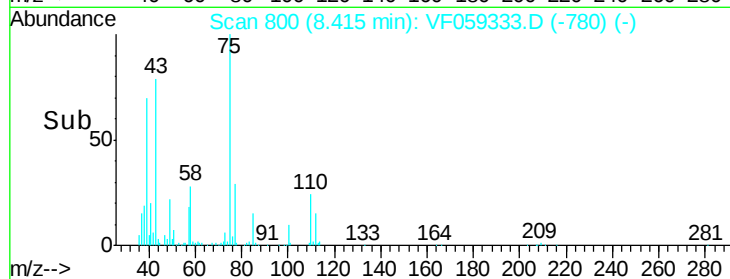
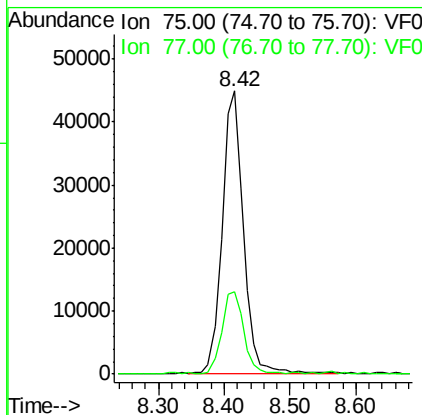
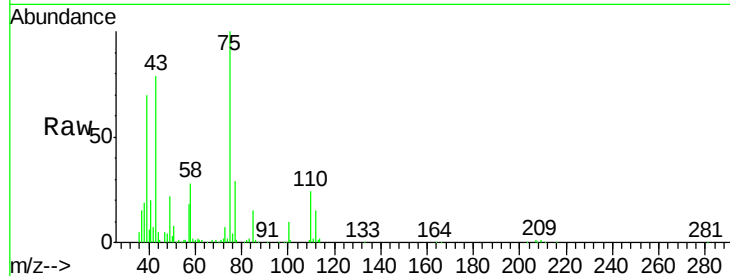
ClientSampleId :

VF0627SBS01

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#54

cis-1,3-Dichloropropene

Concen: 19.67 ug/l

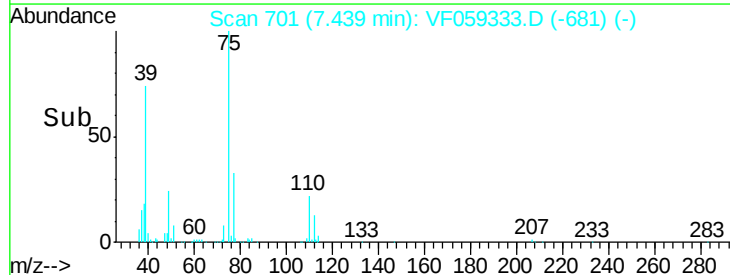
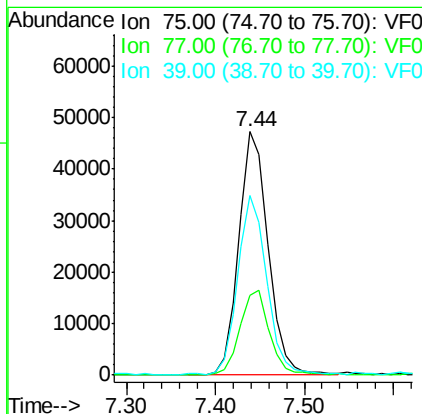
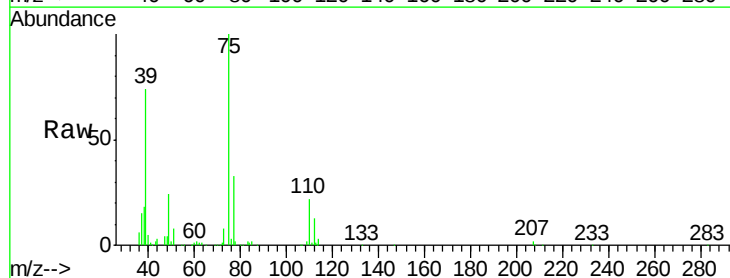
RT: 7.44 min Scan# 701

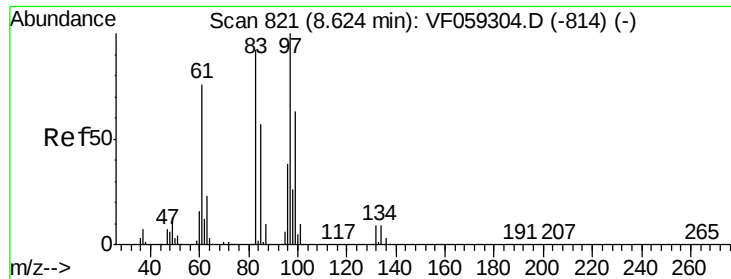
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.5  | 24.3  | 36.5  |
| 39      | 73.9  | 57.2  | 85.8  |





#55

1,1,2-Trichloroethane

Concen: 20.10 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

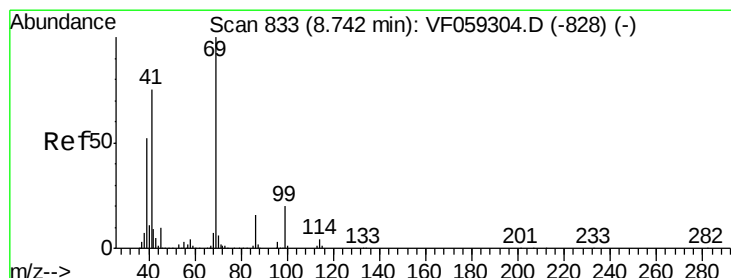
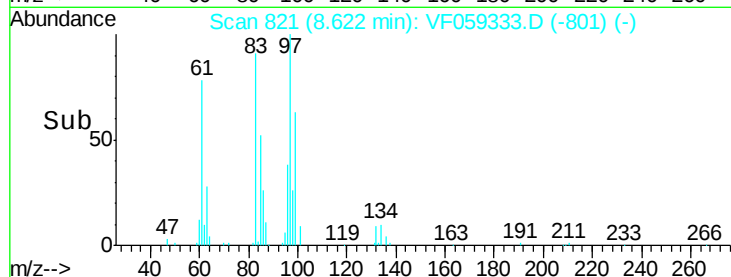
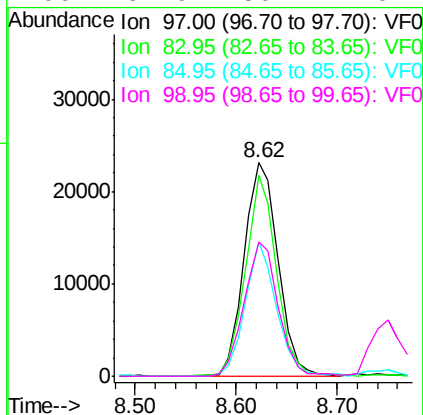
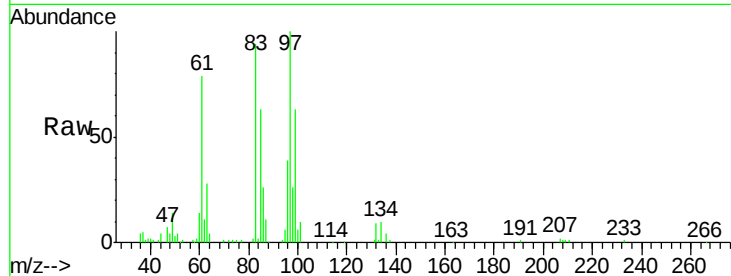
ClientSampleId :

VF0627SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 54192 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 94.1  | 73.8  | 110.8 |
| 85       | 63.0  | 45.5  | 68.3  |
| 99       | 62.9  | 50.7  | 76.1  |

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#56

Ethyl methacrylate

Concen: 19.25 ug/l

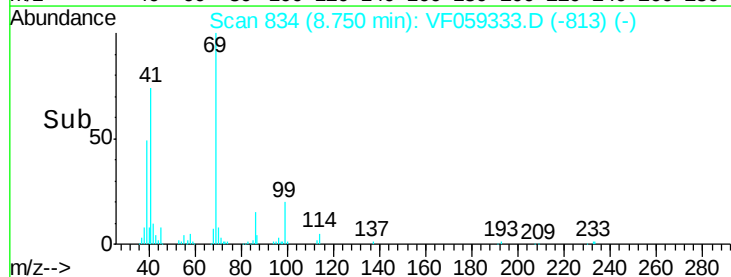
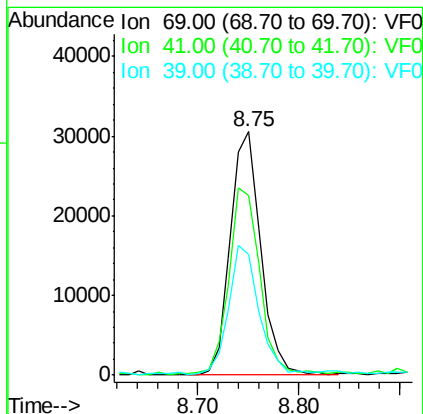
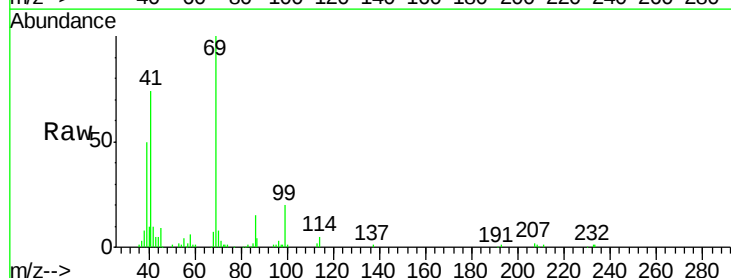
RT: 8.75 min Scan# 834

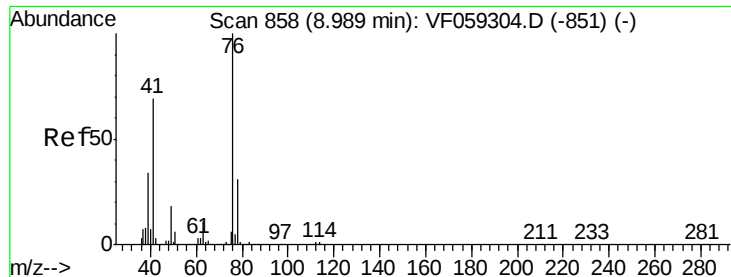
Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 64301 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 73.8  | 60.3  | 90.5  |
| 39       | 49.6  | 42.2  | 63.4  |





#57

1,3-Dichloropropane

Concen: 20.87 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 76 Resp: 96513

Ion Ratio Lower Upper

76 100

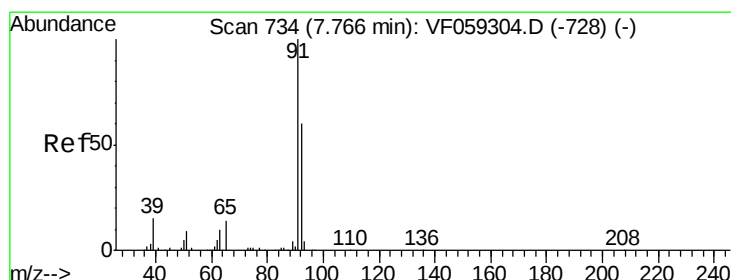
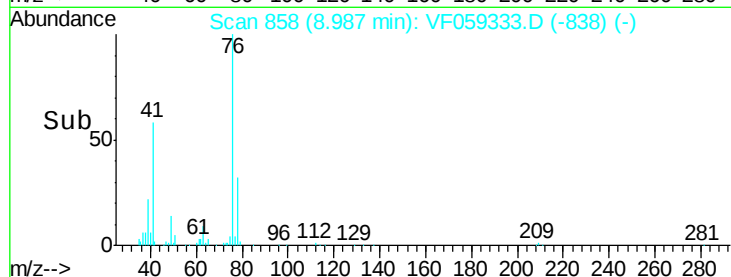
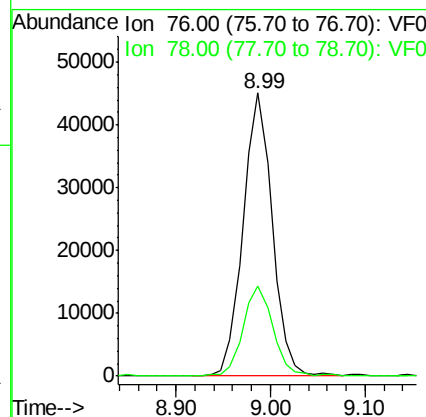
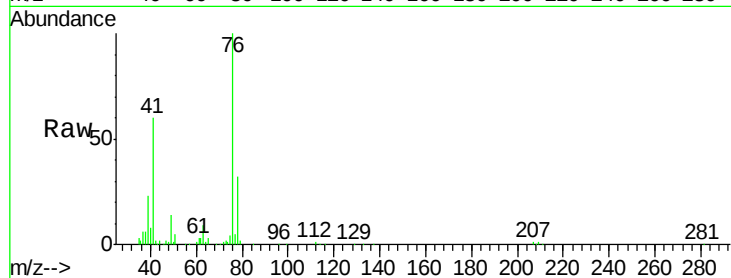
78 32.0 24.9 37.3

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#58

2-Chloroethyl Vinyl ether

Concen: 98.44 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059333.D

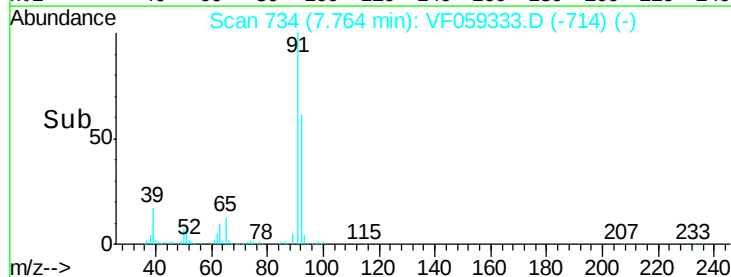
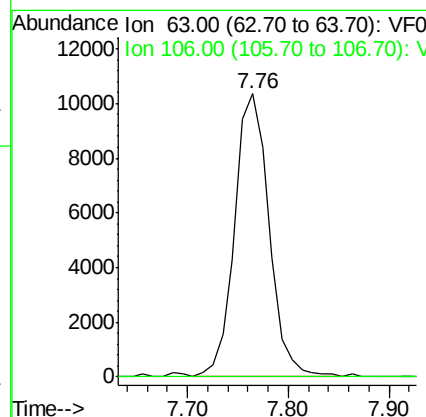
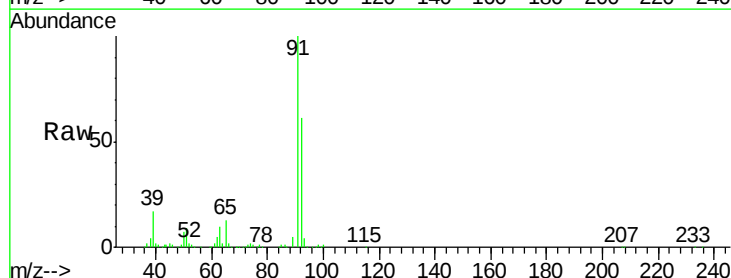
Acq: 27 Jun 2018 12:34

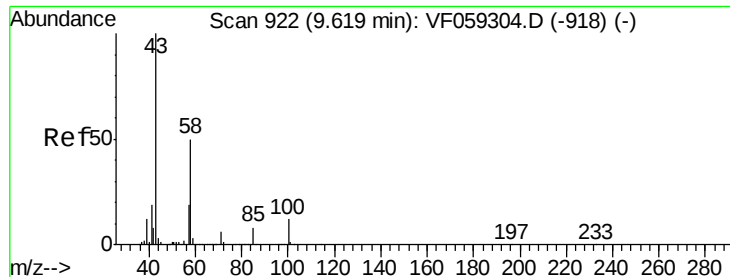
Tgt Ion: 63 Resp: 24656

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





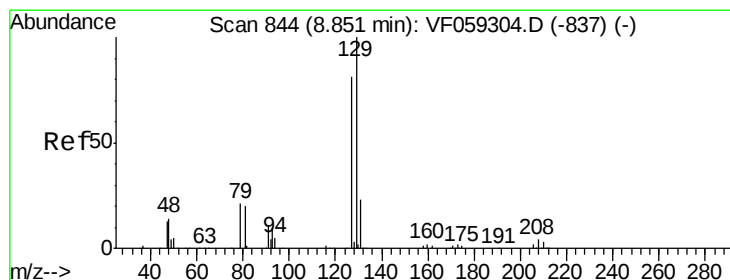
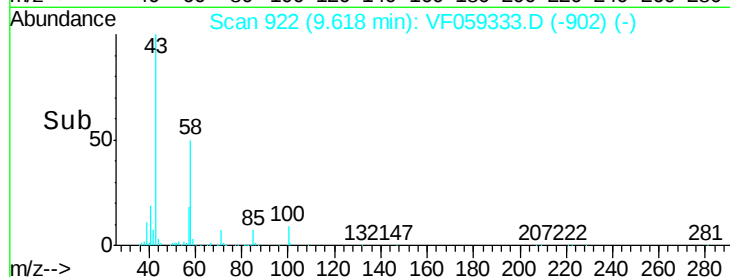
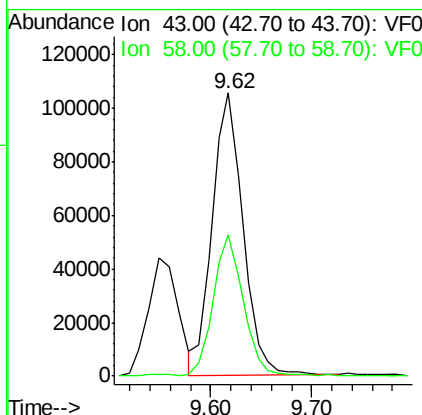
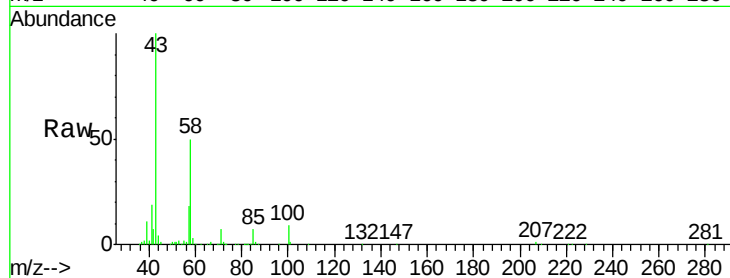
#59  
2-Hexanone  
Concen: 106.08 ug/l  
RT: 9.62 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 49.9  | 23.3  | 69.9  |

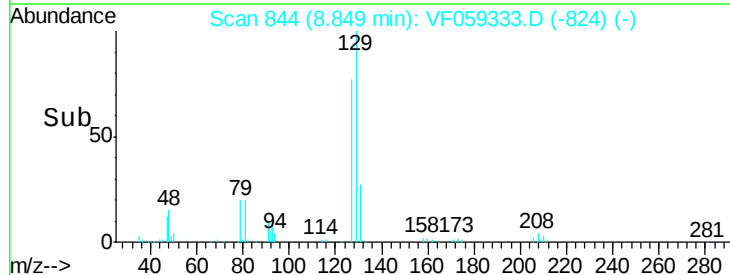
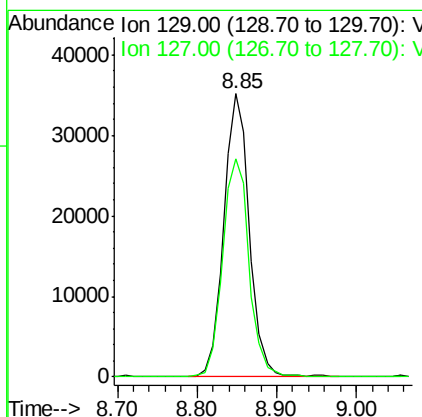
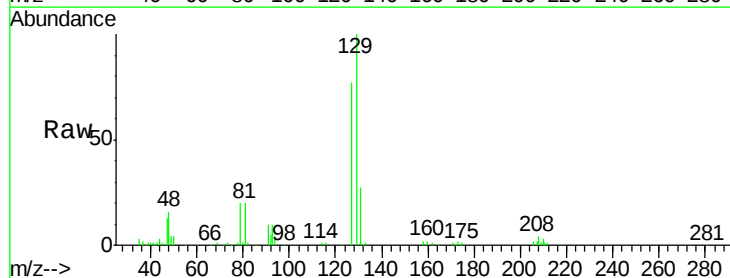
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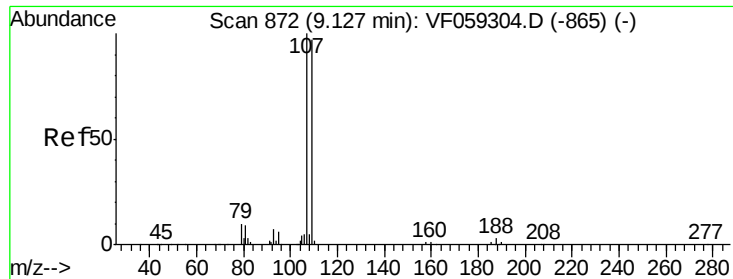
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#60  
Dibromochloromethane  
Concen: 19.05 ug/l  
RT: 8.85 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 77.2  | 40.7  | 122.1 |





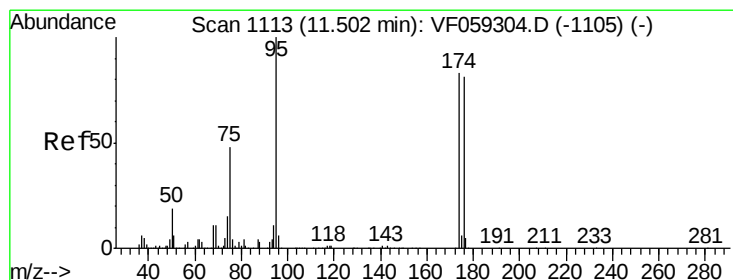
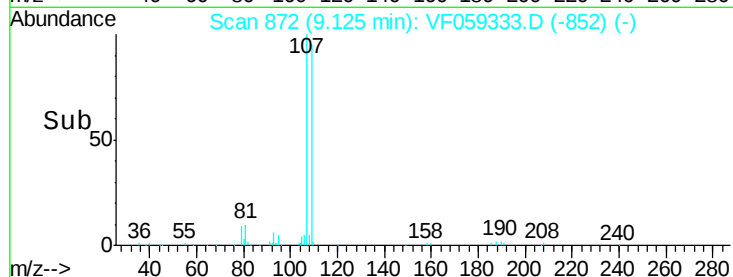
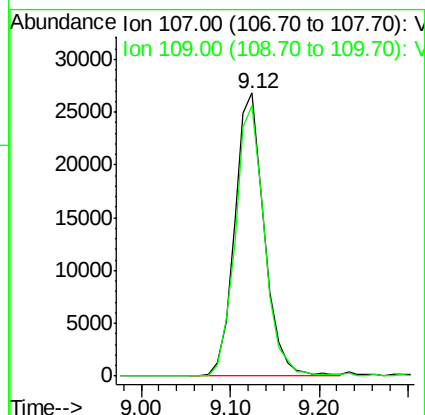
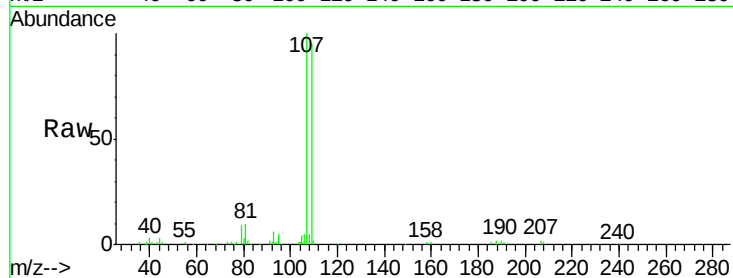
#61  
 1,2-Dibromoethane  
 Concen: 18.98 ug/l  
 RT: 9.12 min Scan# 872  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62056   | 107 | 100   |       |       |
|         | 109 | 95.4  | 77.3  | 115.9 |

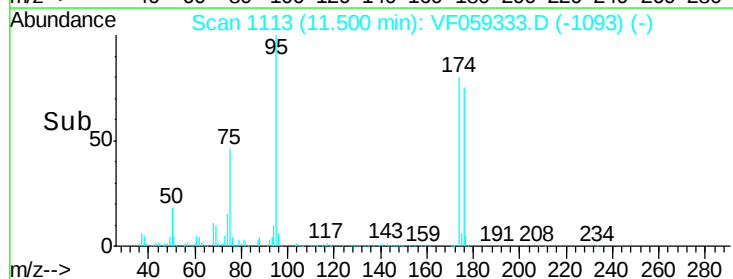
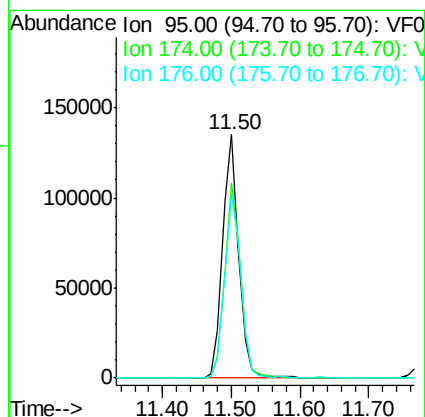
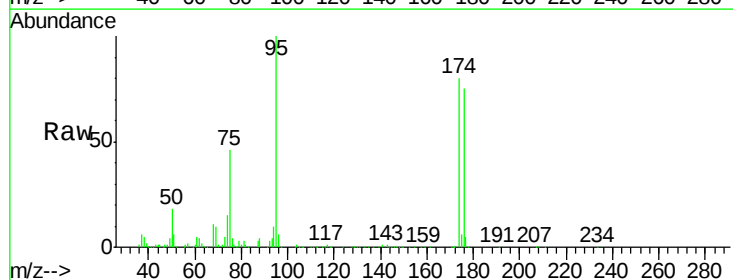
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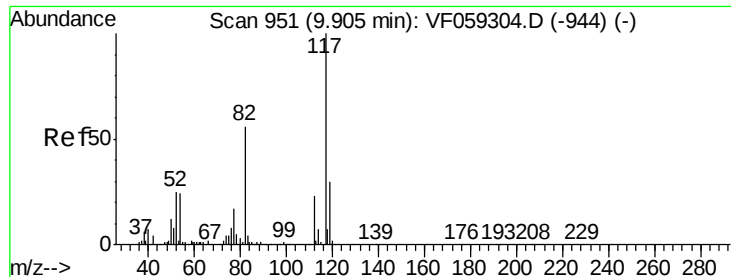
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#62  
 4-Bromofluorobenzene  
 Concen: 44.88 ug/l  
 RT: 11.50 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 219407  | 95  | 100   |       |       |
|         | 174 | 80.3  | 0.0   | 165.2 |
|         | 176 | 75.4  | 0.0   | 161.0 |





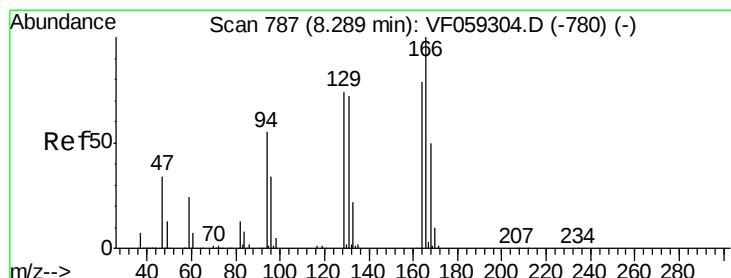
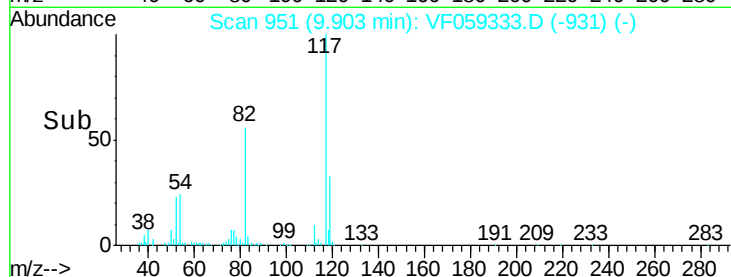
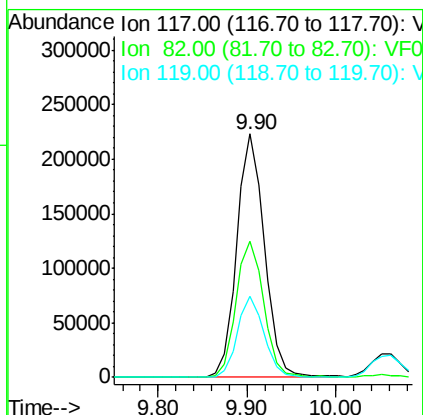
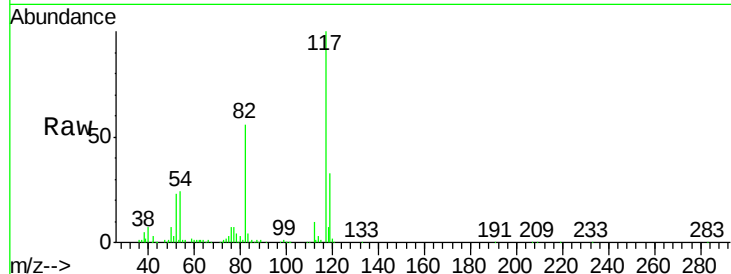
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.90 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 483838 |       |       |
| 82      | 55.9  |        | 44.6  | 66.8  |
| 119     | 33.1  |        | 24.1  | 36.1  |

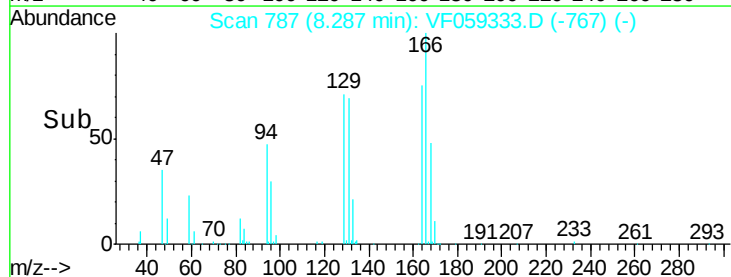
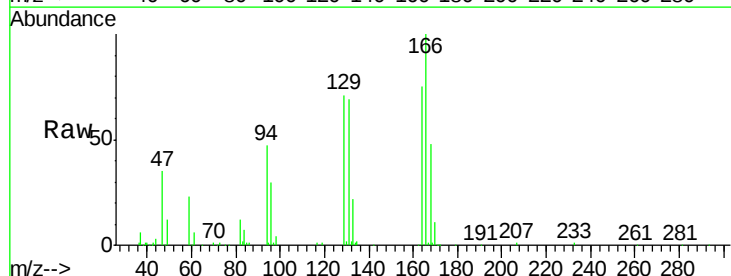
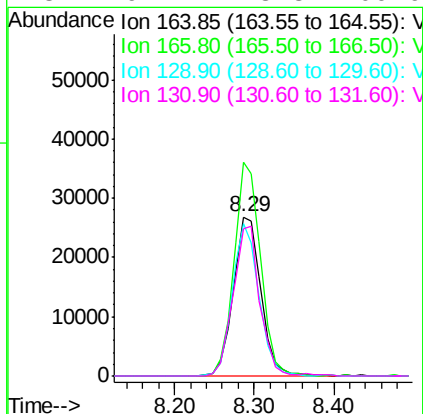
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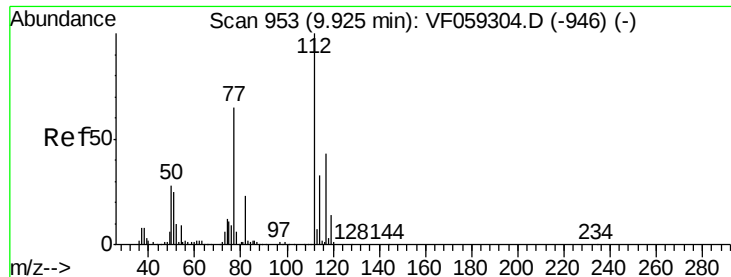
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#64  
Tetrachloroethene  
Concen: 20.60 ug/l  
RT: 8.29 min Scan# 787  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 64656 |       |       |
| 166     | 134.2 |       | 101.1 | 151.7 |
| 129     | 95.4  |       | 75.0  | 112.4 |
| 131     | 92.2  |       | 73.3  | 109.9 |





#65

Chlorobenzene

Concen: 20.33 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion:112 Resp: 182281

Ion Ratio Lower Upper

112 100

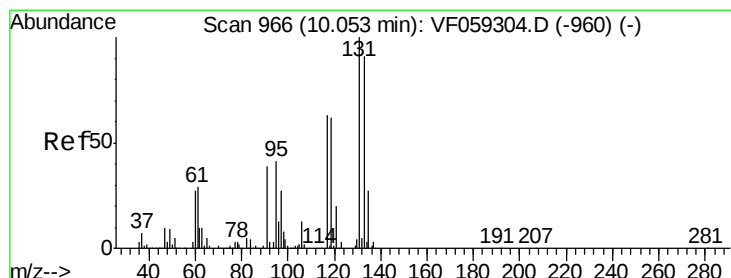
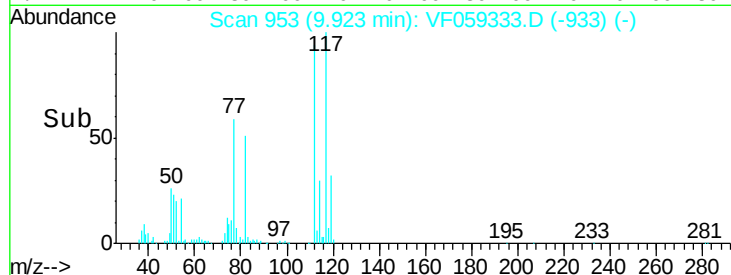
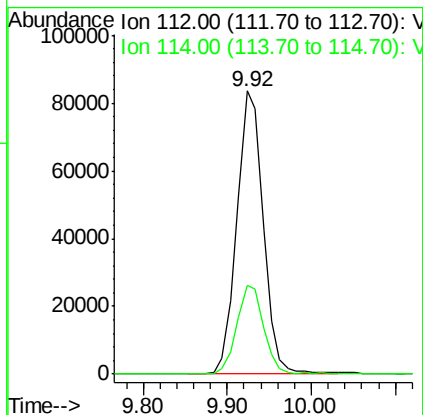
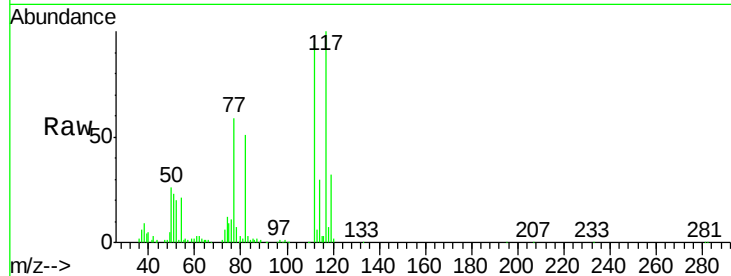
114 31.3 26.5 39.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.82 ug/l

RT: 10.06 min Scan# 967

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

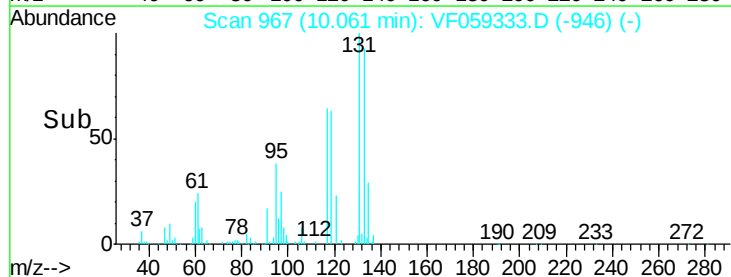
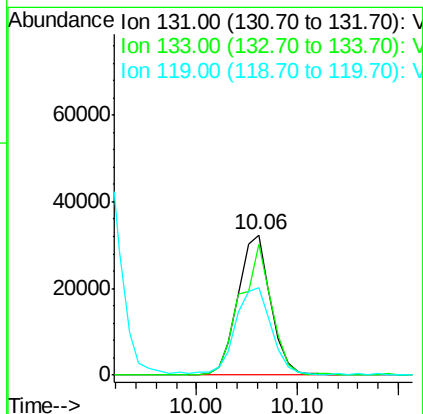
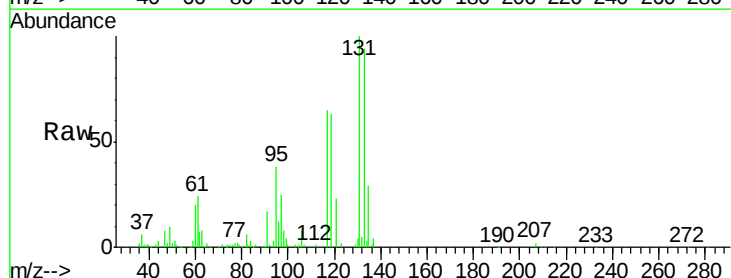
Tgt Ion:131 Resp: 72991

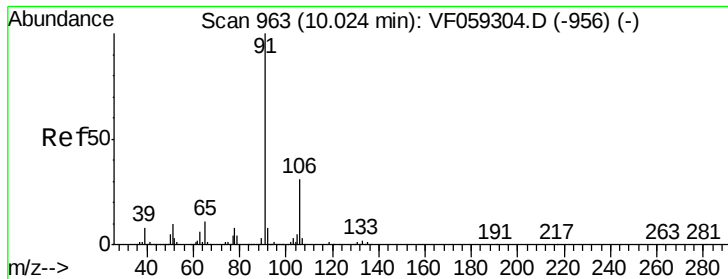
Ion Ratio Lower Upper

131 100

133 93.8 45.3 135.9

119 62.5 31.3 93.9





#67

Ethyl Benzene

Concen: 19.62 ug/l

RT: 10.02 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 91 Resp: 298483

Ion Ratio Lower Upper

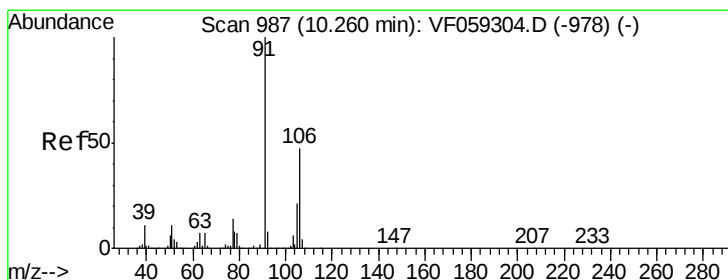
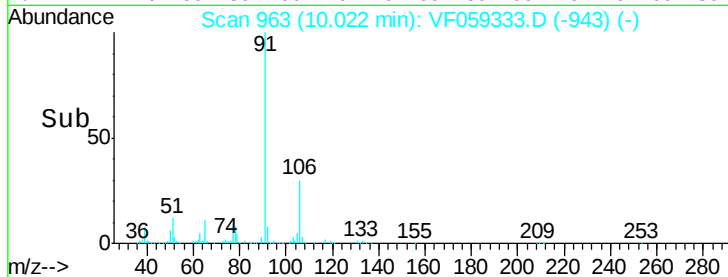
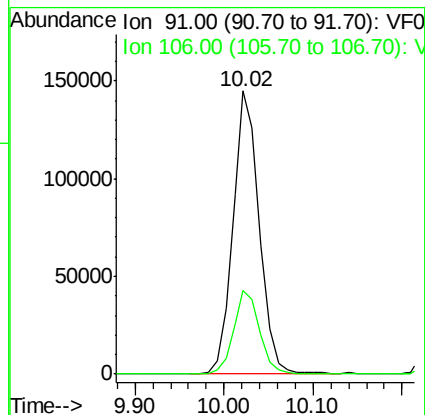
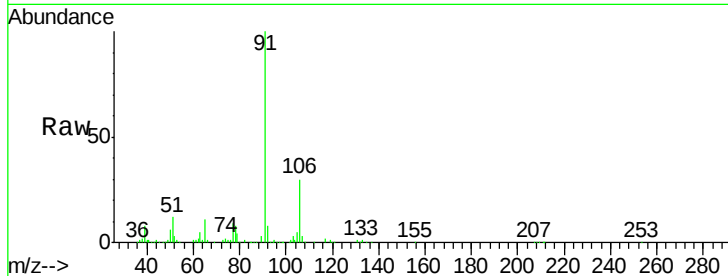
91 100

106 29.8 24.8 37.2

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#68

m/p-Xylenes

Concen: 41.21 ug/l

RT: 10.26 min Scan# 987

Delta R.T. -0.00 min

Lab File: VF059333.D

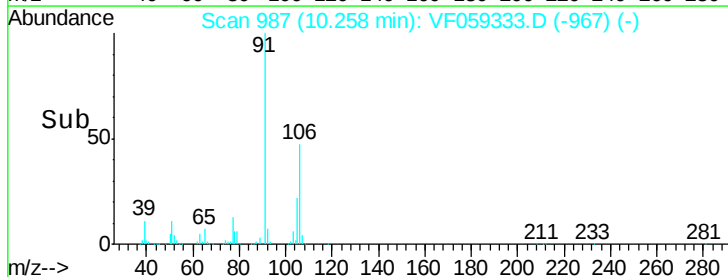
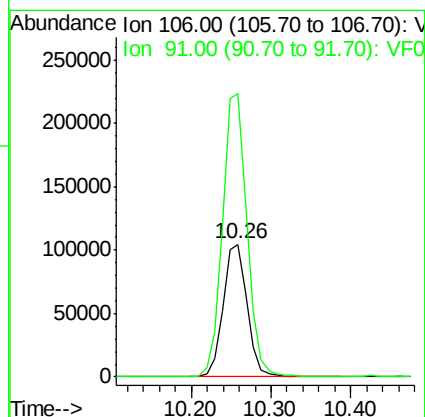
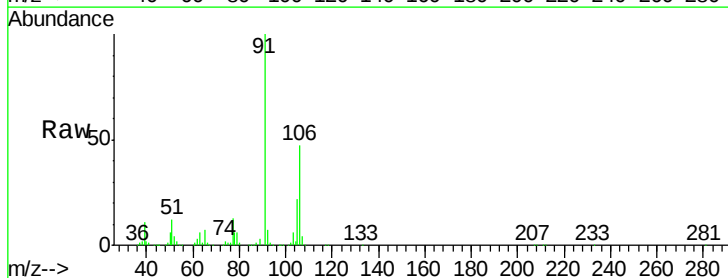
Acq: 27 Jun 2018 12:34

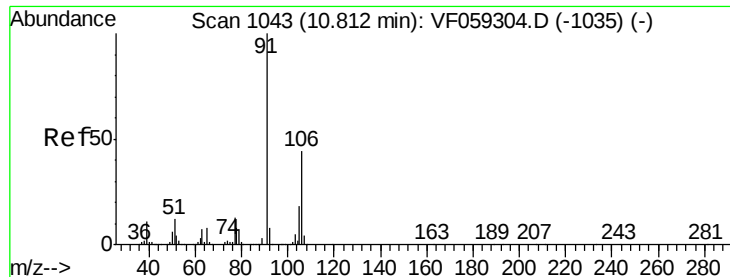
Tgt Ion: 106 Resp: 223089

Ion Ratio Lower Upper

106 100

91 213.2 170.8 256.2





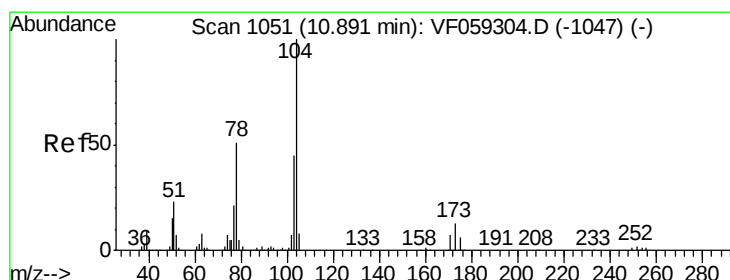
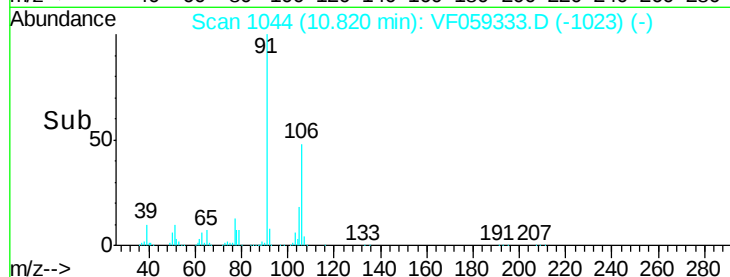
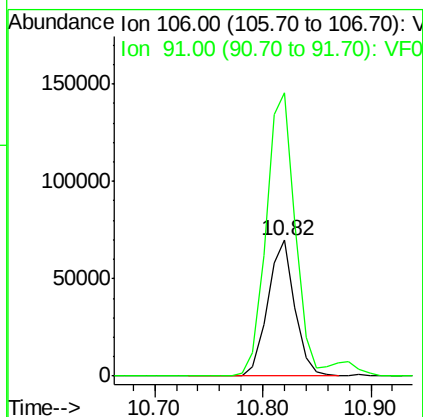
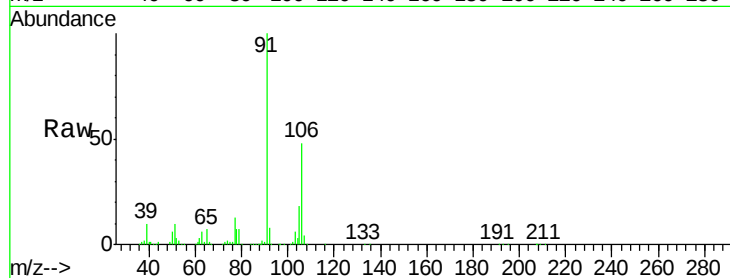
#69  
o-Xylene  
Concen: 20.29 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. 0.01 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

Tot Ion:106 Resp: 122887  
Ion Ratio Lower Upper  
106 100  
91 208.1 114.6 343.6

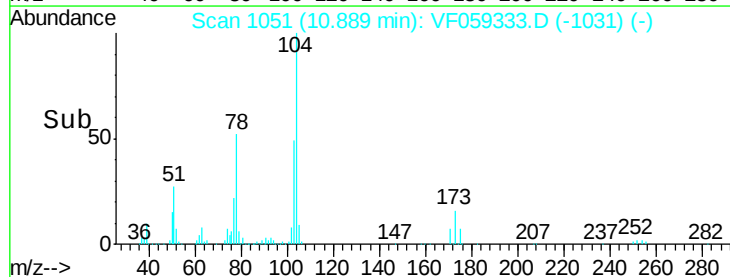
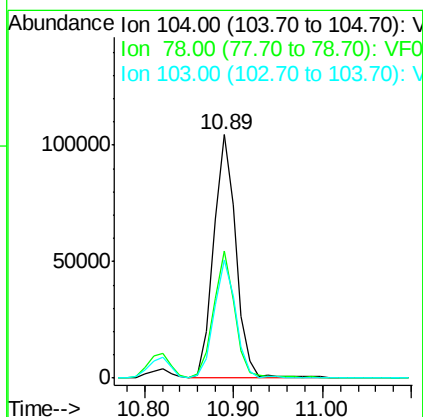
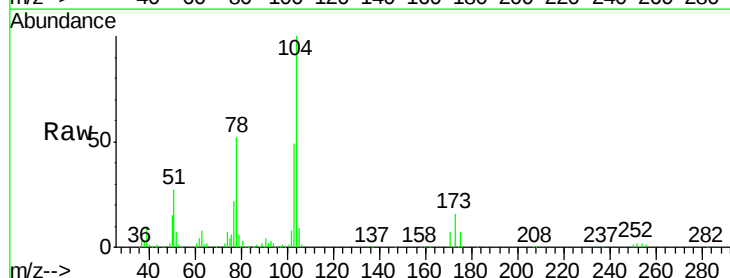
Manual Integrations  
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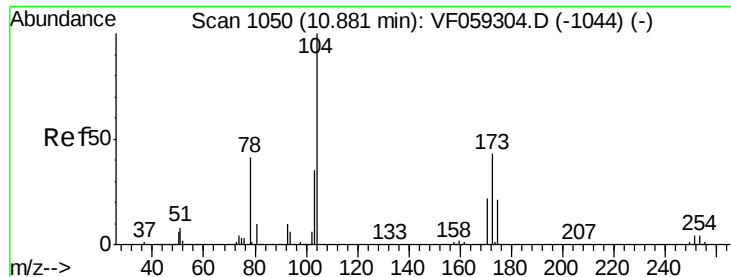
apatel  
6/28/2018 11:09:46 AM



#70  
Styrene  
Concen: 19.73 ug/l  
RT: 10.89 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Tgt Ion:104 Resp: 182029  
Ion Ratio Lower Upper  
104 100  
78 52.1 40.9 61.3  
103 48.6 36.5 54.7





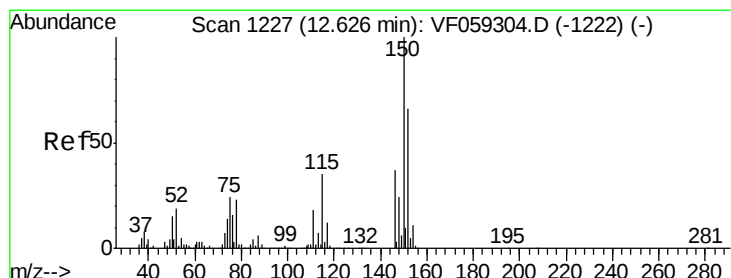
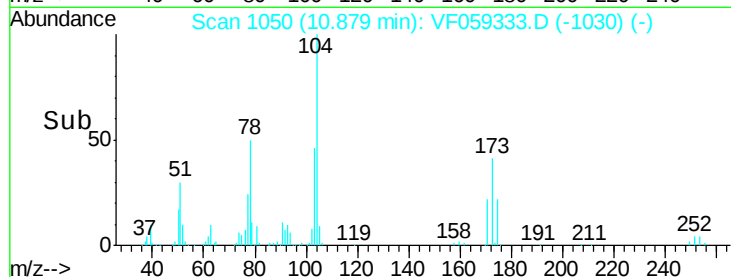
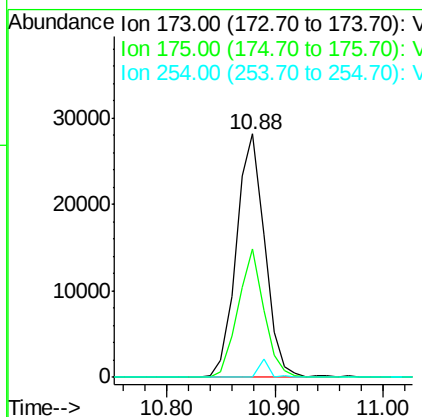
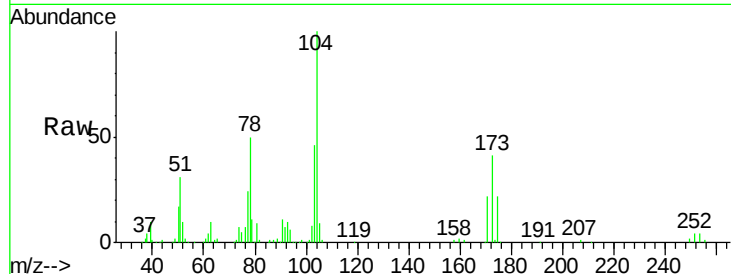
#71  
Bromoform  
Concen: 19.31 ug/l  
RT: 10.88 min Scan# 1050  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 52.6  | 24.8  | 74.3  |
| 254     | 0.0   | 0.0   | 0.0   |

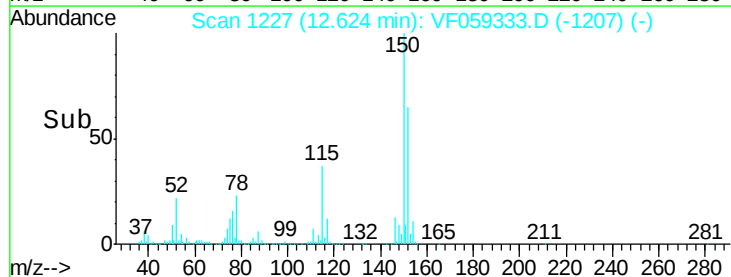
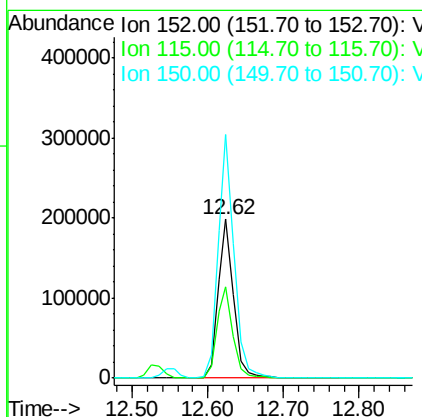
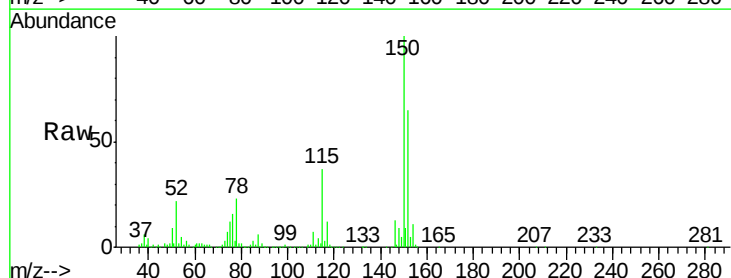
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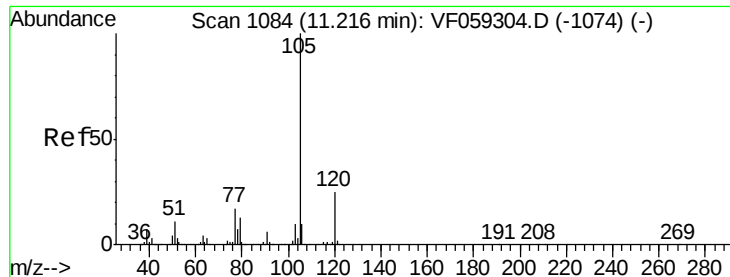
apatel  
6/28/2018 11:09:46 AM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.62 min Scan# 1227  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.3  | 27.1  | 81.3  |
| 150     | 153.2 | 0.0   | 305.2 |





#73

Isopropylbenzene

Concen: 21.72 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion:105 Resp: 361751

Ion Ratio Lower Upper

105 100

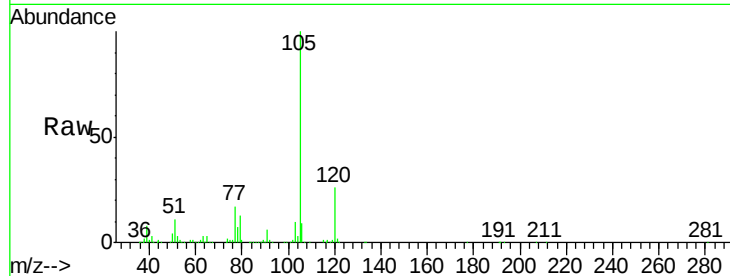
120 25.9 12.3 36.8

Manual Integrations

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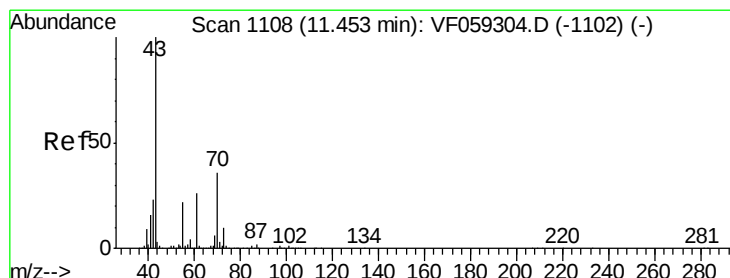
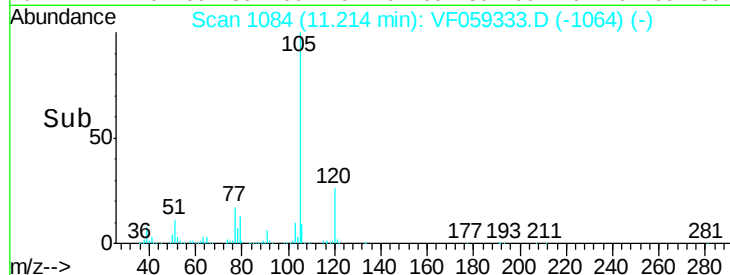
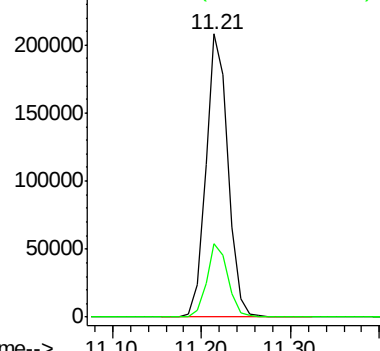
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.65 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Tgt Ion: 43 Resp: 124794

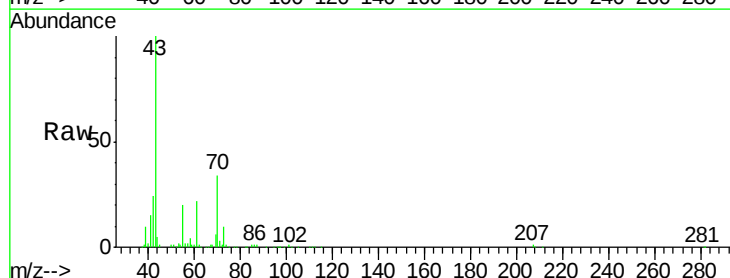
Ion Ratio Lower Upper

43 100

70 33.5 28.8 43.2

55 20.0 17.4 26.0

61 22.4 21.1 31.7

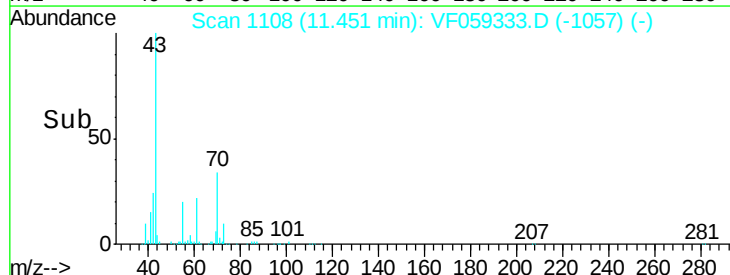
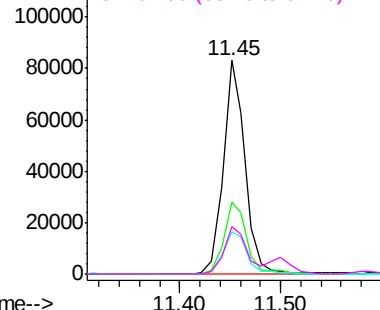


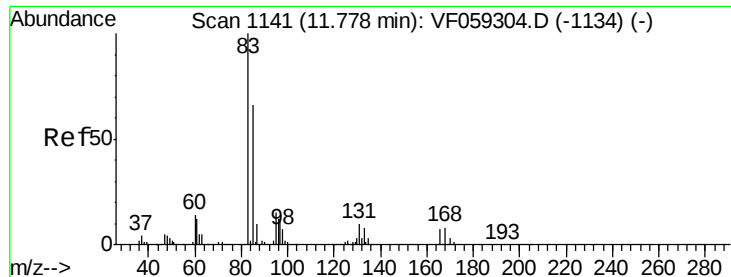
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.80 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

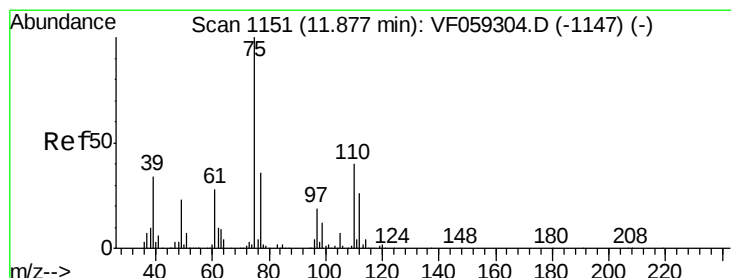
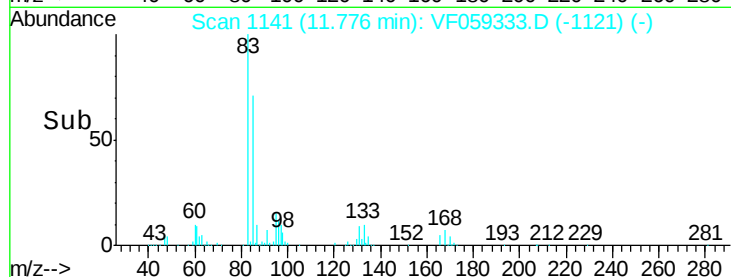
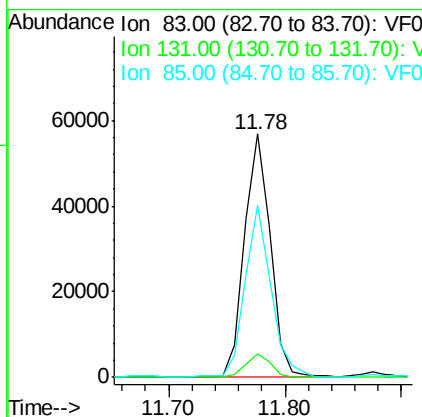
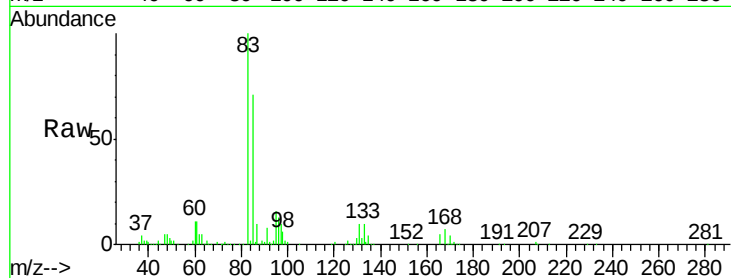
ClientSampleId :

VF0627SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 87510 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 9.7   | 4.9   | 14.6  |
| 85       | 70.5  | 32.8  | 98.4  |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 19.88 ug/l

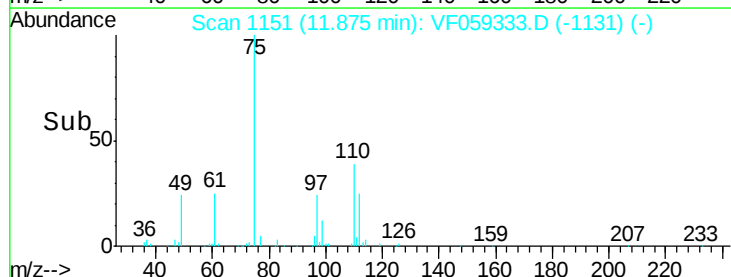
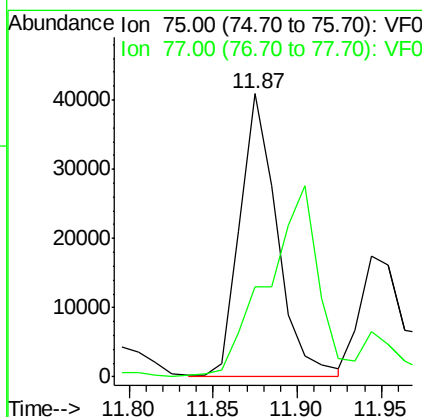
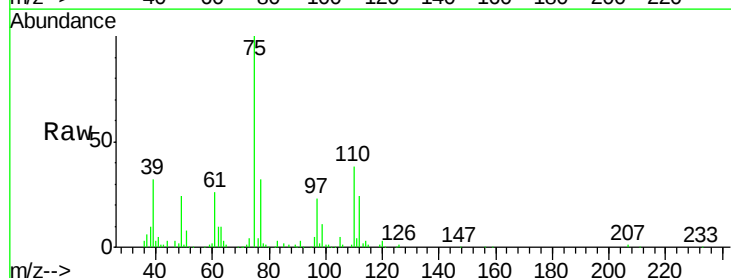
RT: 11.87 min Scan# 1151

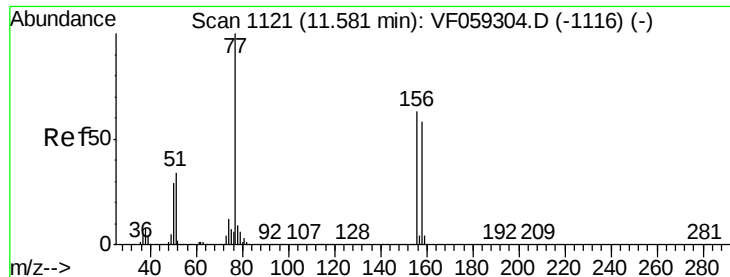
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 63082 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.0  | 18.0  | 54.0  |





#77

Bromobenzene

Concen: 20.38 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion:156 Resp: 94202

Ion Ratio Lower Upper

156 100

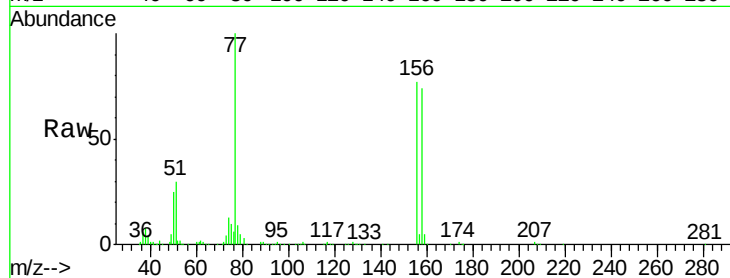
77 129.3 79.7 238.9

158 95.5 46.2 138.6

Manual Integrations  
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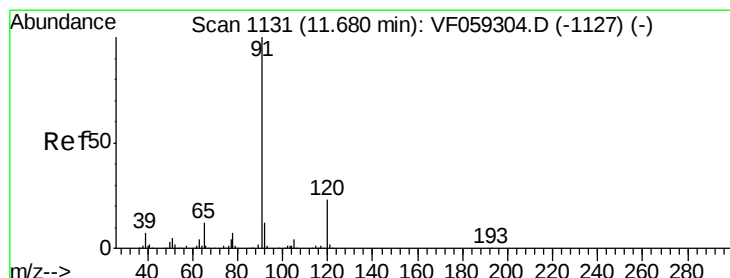
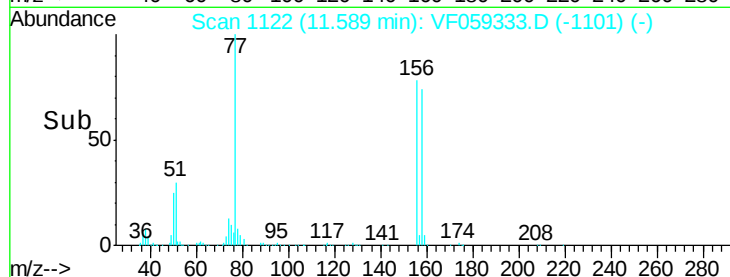
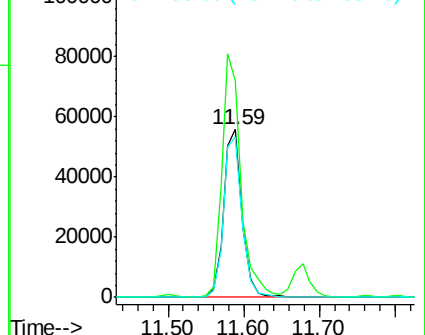
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 19.43 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VF059333.D

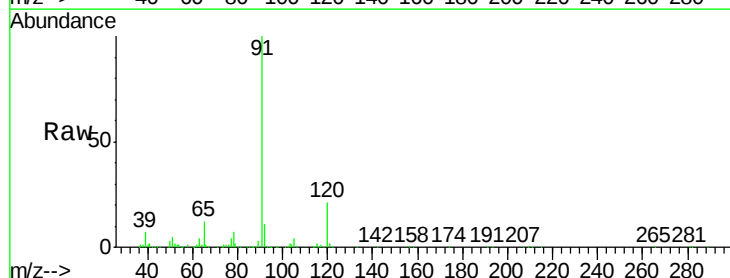
Acq: 27 Jun 2018 12:34

Tgt Ion: 91 Resp: 388597

Ion Ratio Lower Upper

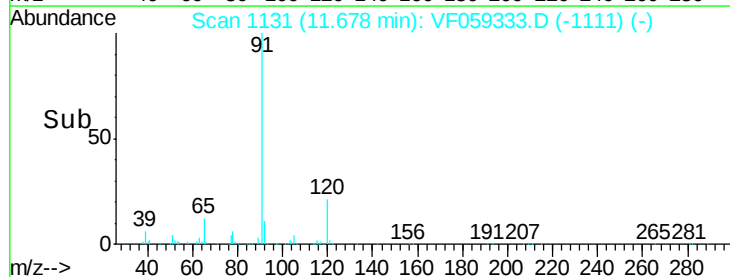
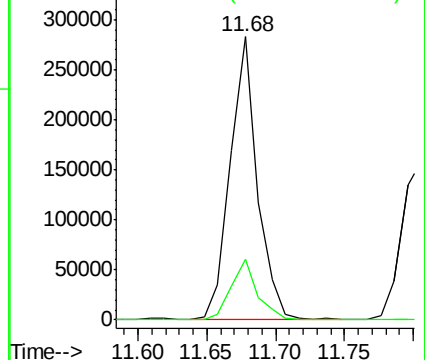
91 100

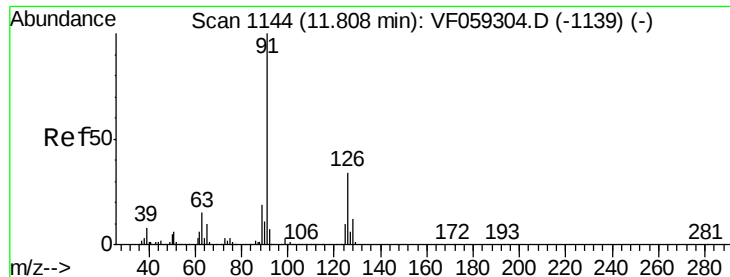
120 21.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.44 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

VF0627SBS01

Tot Ion: 91 Resp: 249835

Ion Ratio Lower Upper

91 100

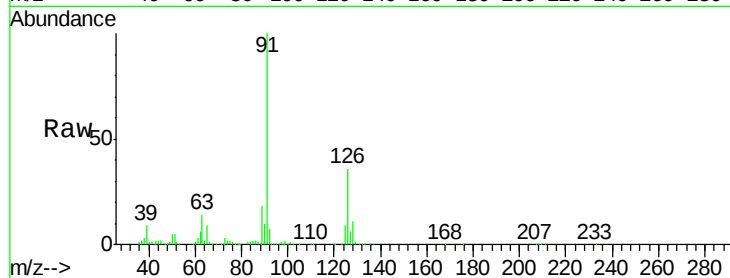
126 35.5 17.2 51.5

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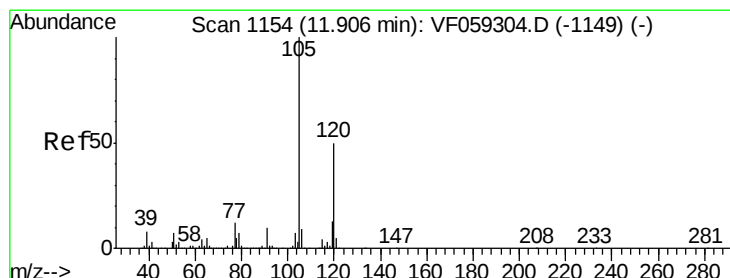
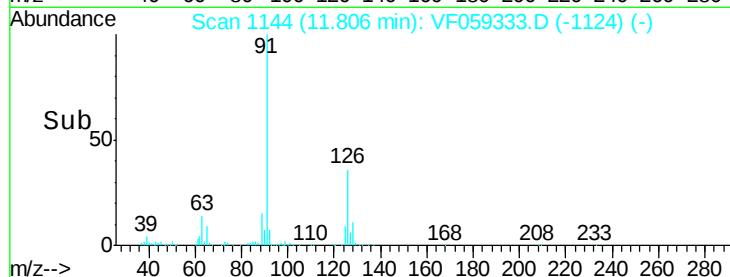
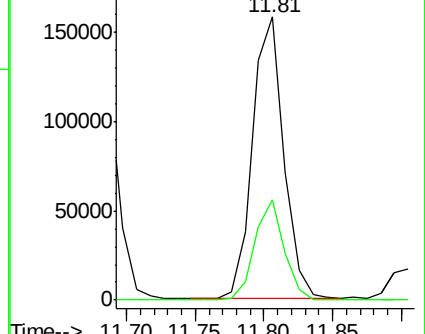
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.38 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059333.D

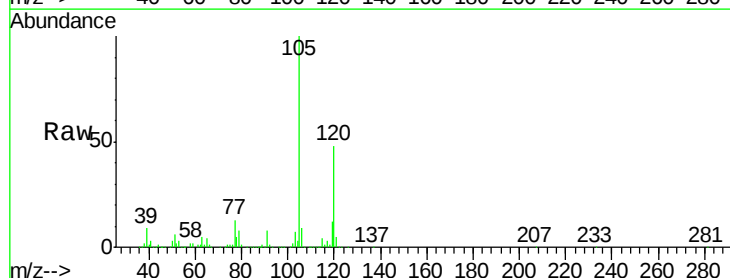
Acq: 27 Jun 2018 12:34

Tgt Ion:105 Resp: 297414

Ion Ratio Lower Upper

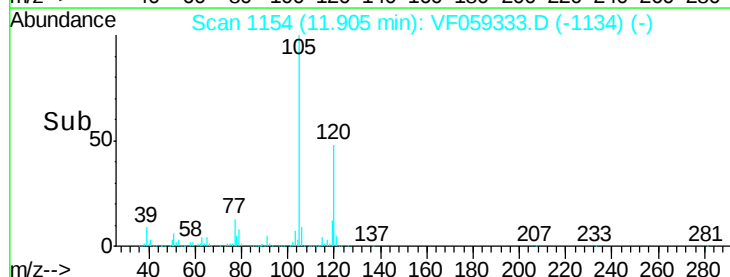
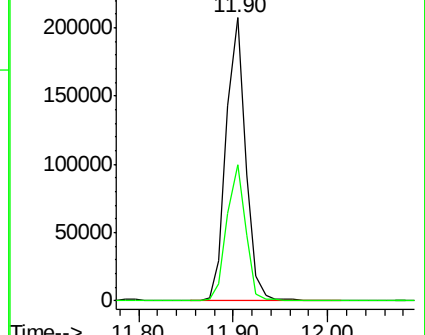
105 100

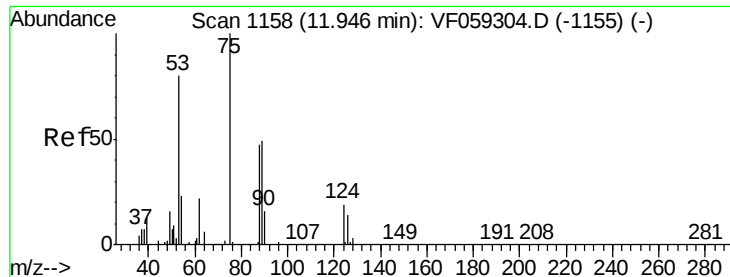
120 48.3 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.01 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

ClientSampleId :

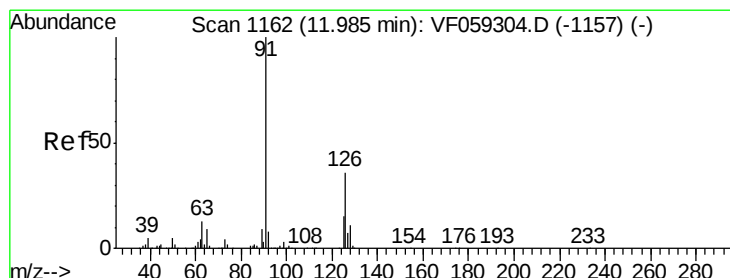
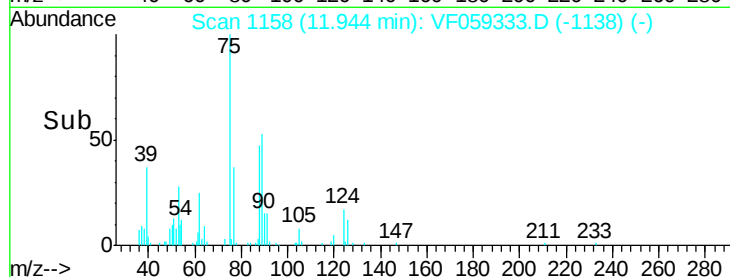
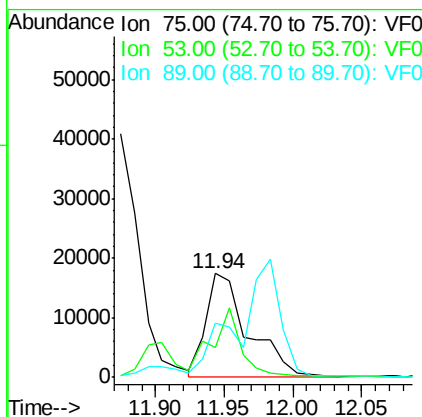
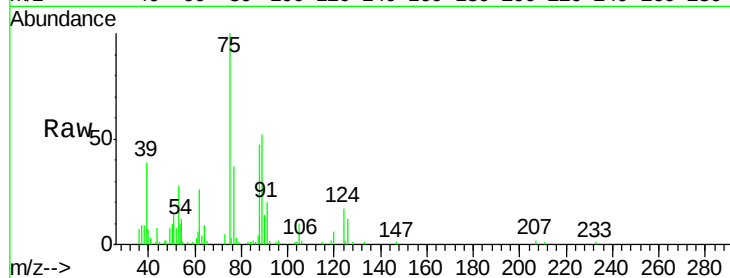
VF0627SBS01

Tot Ion: 75 Resp: 37796

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 75  | 100   |       |        |
| 53  | 38.3  | 68.8  | 103.2# |
| 89  | 51.6  | 42.0  | 63.0   |

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#82

4-Chlorotoluene

Concen: 21.59 ug/l

RT: 11.98 min Scan# 1162

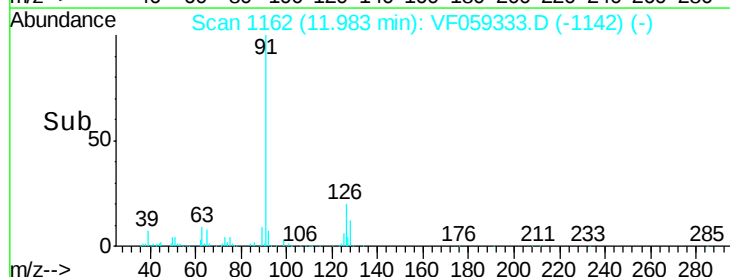
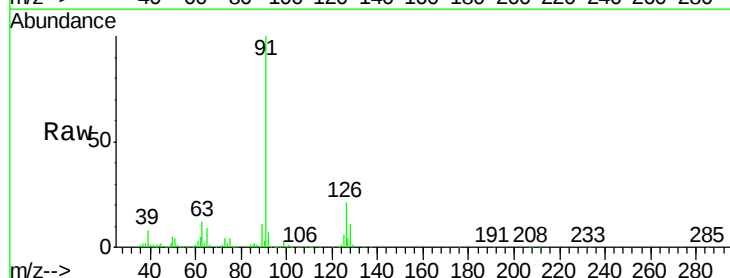
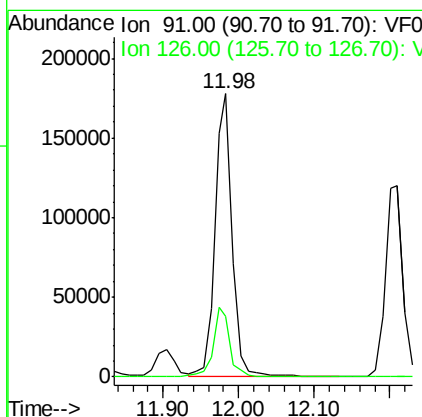
Delta R.T. -0.00 min

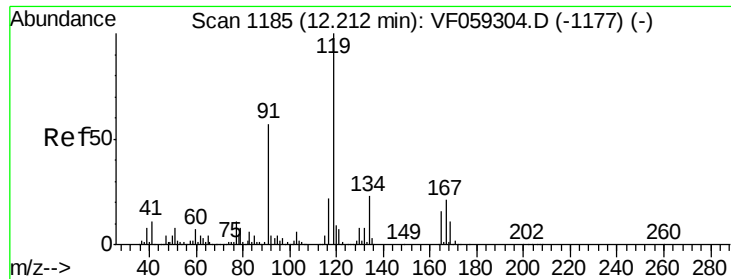
Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Tgt Ion: 91 Resp: 282600

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 126 | 21.3  | 18.2  | 54.6  |





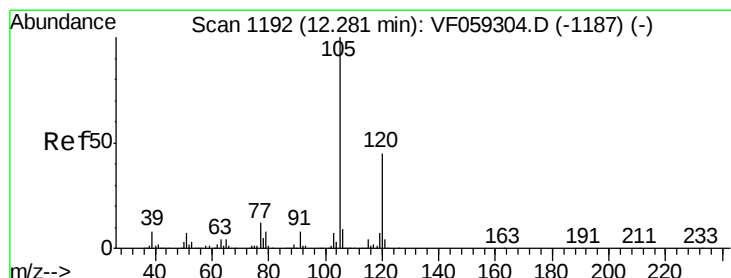
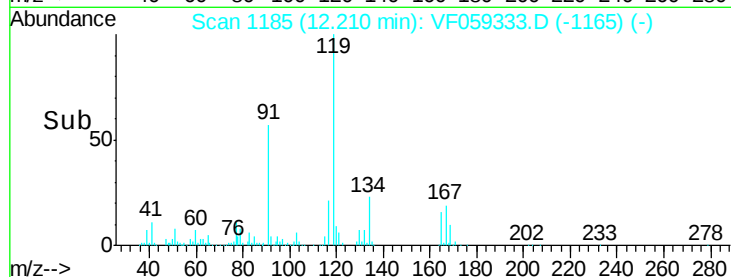
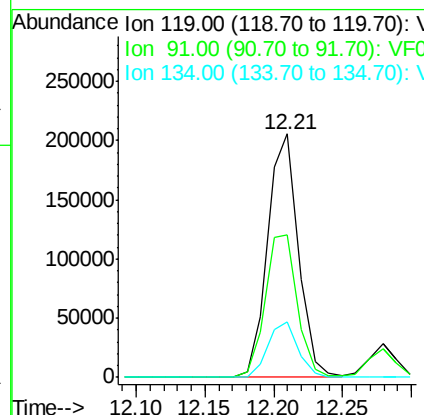
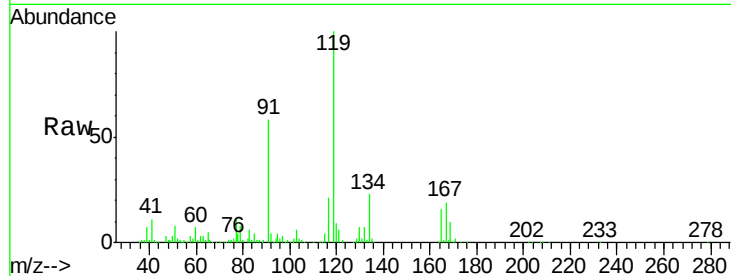
#83  
 tert-Butylbenzene  
 Concen: 21.88 ug/l  
 RT: 12.21 min Scan# 1185  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 58.5  | 28.4  | 85.2  |
| 134     | 22.6  | 11.7  | 35.1  |

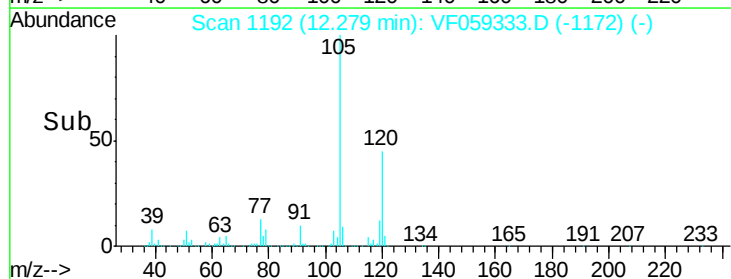
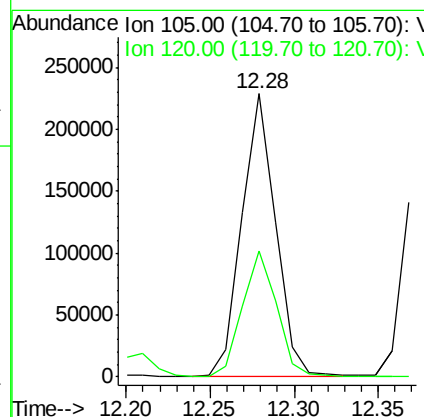
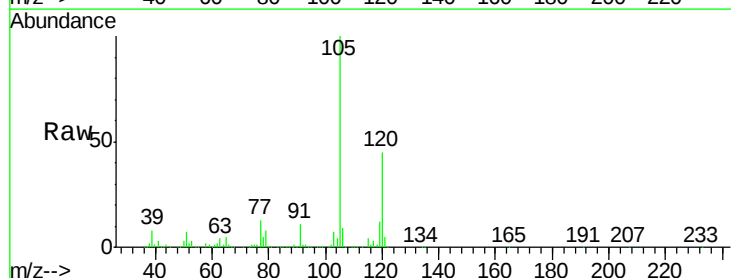
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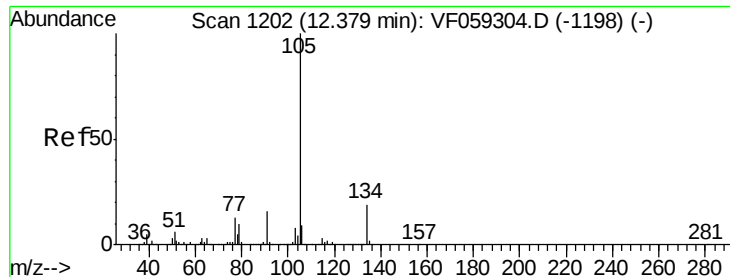
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.65 ug/l  
 RT: 12.28 min Scan# 1192  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.7  | 22.8  | 68.4  |





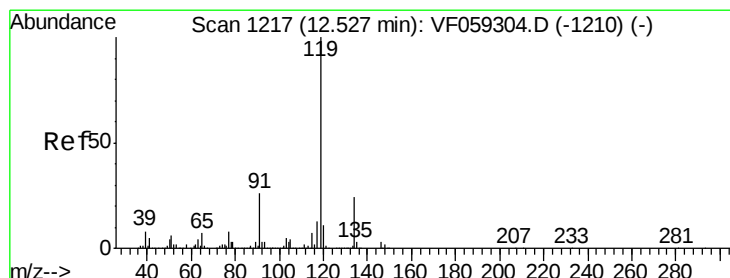
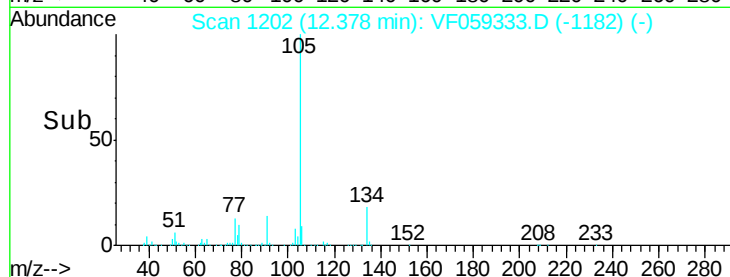
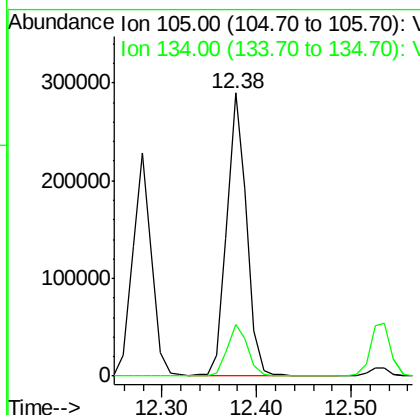
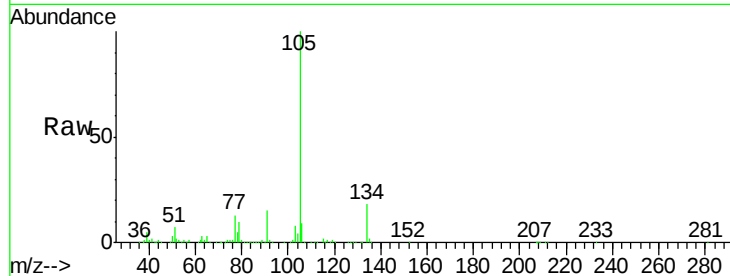
#85  
 sec-Butylbenzene  
 Concen: 21.41 ug/l  
 RT: 12.38 min Scan# 1202  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 414193 |       |       |
| 134     | 18.4  | 9.4    | 28.3  |       |

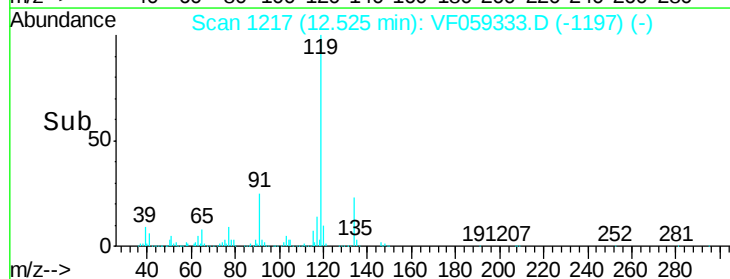
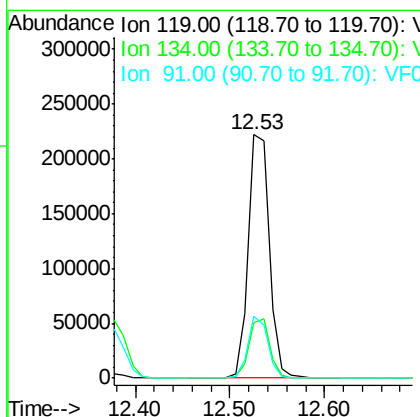
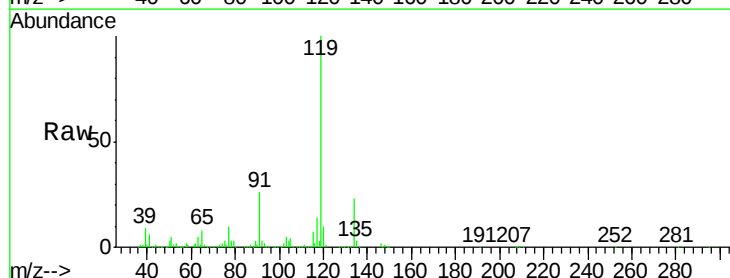
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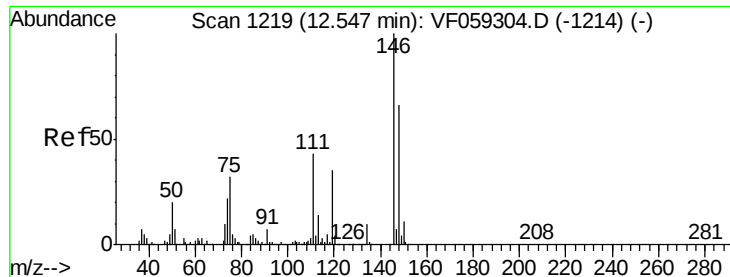
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#86  
 p-Isopropyltoluene  
 Concen: 21.12 ug/l  
 RT: 12.53 min Scan# 1217  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 342830 |       |       |
| 134     | 23.0  | 12.2   | 36.4  |       |
| 91      | 25.6  | 12.9   | 38.6  |       |





#87

1,3-Dichlorobenzene

Concen: 20.25 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

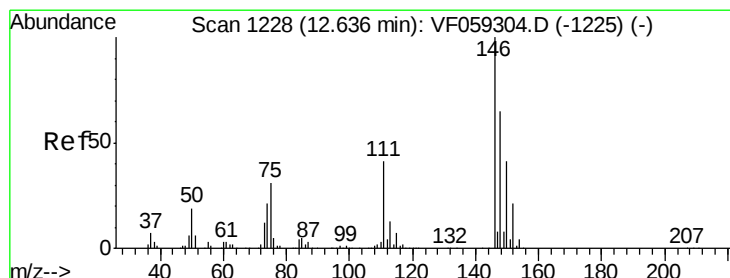
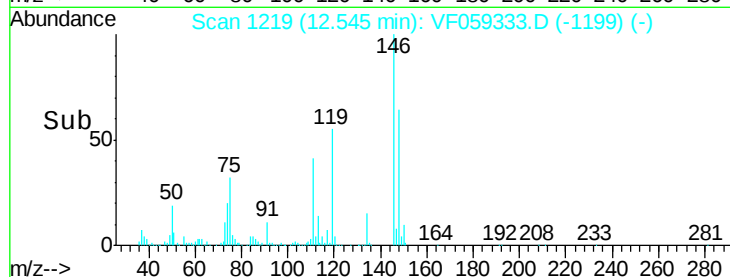
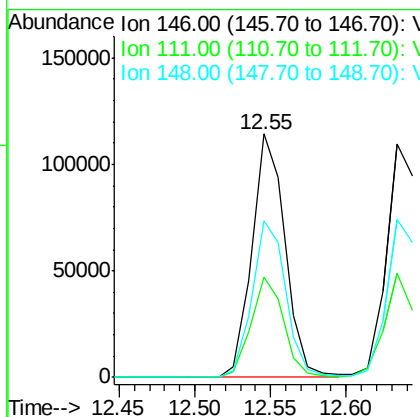
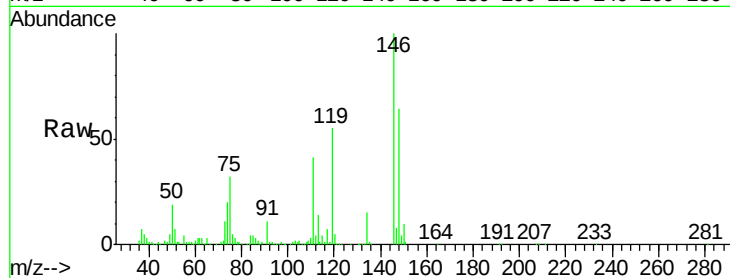
ClientSampleId :

VF0627SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 175369 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.2  | 21.4  | 64.2   |
| 148       | 64.4  | 32.8  | 98.4   |

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#88

1,4-Dichlorobenzene

Concen: 20.80 ug/l

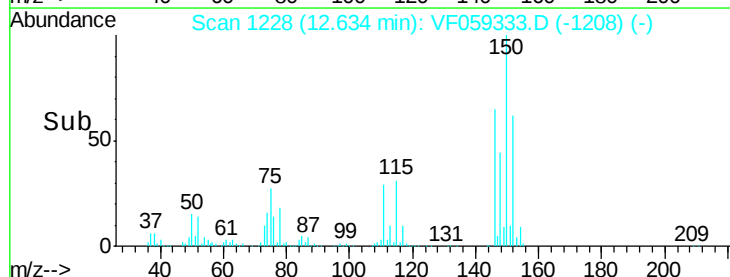
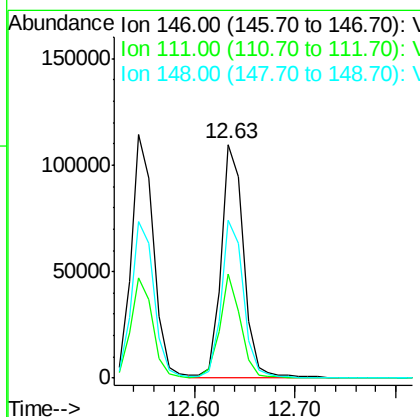
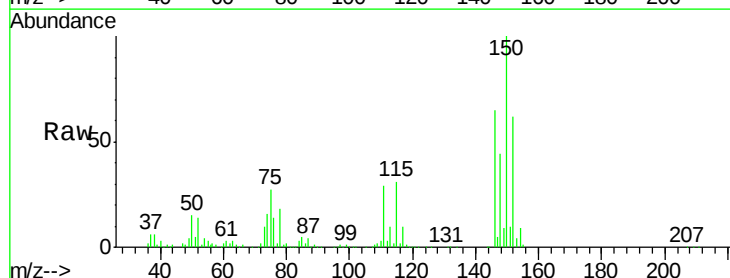
RT: 12.63 min Scan# 1228

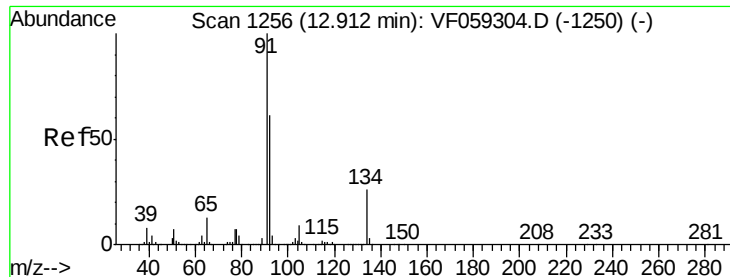
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 171686 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 44.8  | 20.7  | 62.1   |
| 148       | 67.3  | 32.8  | 98.3   |





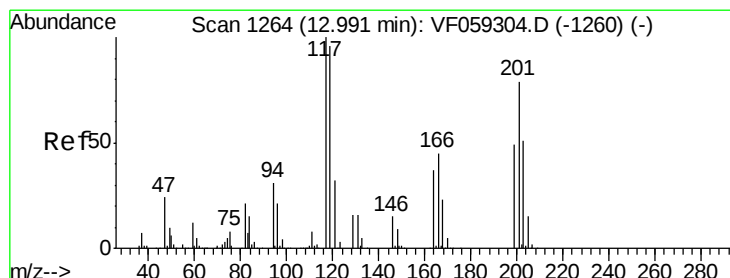
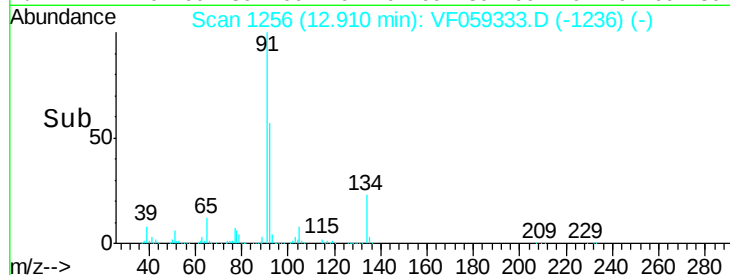
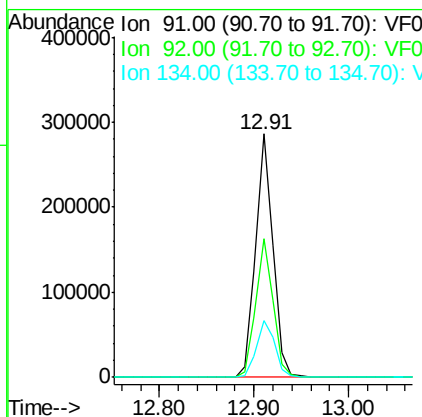
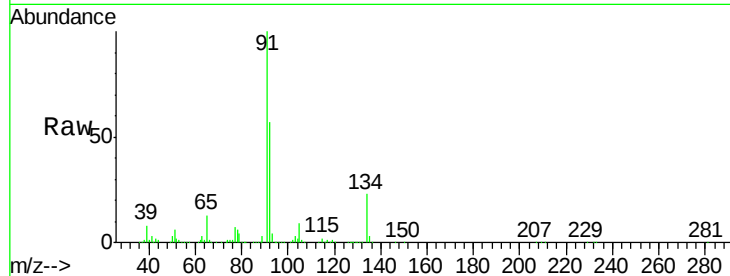
#89  
n-Butylbenzene  
Concen: 22.06 ug/l  
RT: 12.91 min Scan# 1256  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0627SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 56.7  | 30.3  | 91.0  |
| 134     | 23.1  | 12.9  | 38.7  |

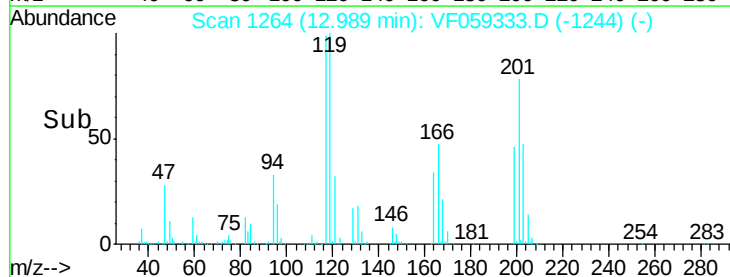
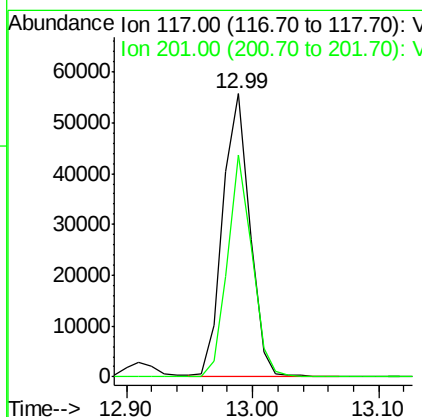
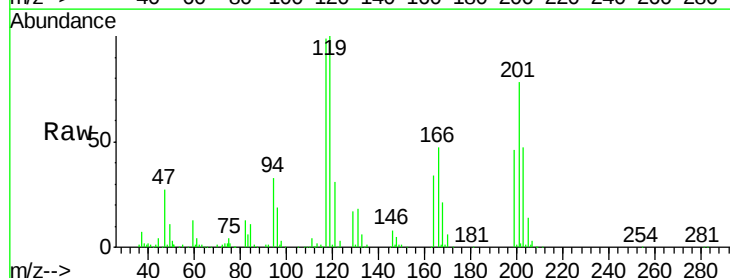
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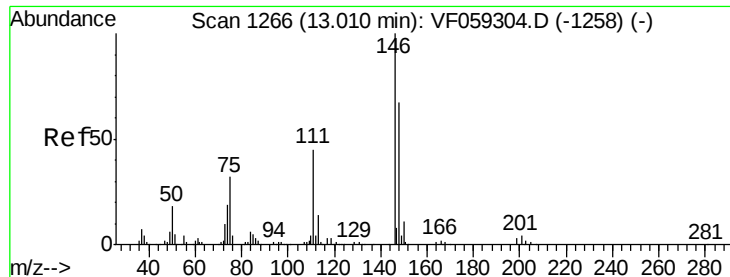
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#90  
Hexachloroethane  
Concen: 20.47 ug/l  
RT: 12.99 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VF059333.D  
Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.3  | 39.5  | 118.5 |





#91

1,2-Dichlorobenzene

Concen: 20.71 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

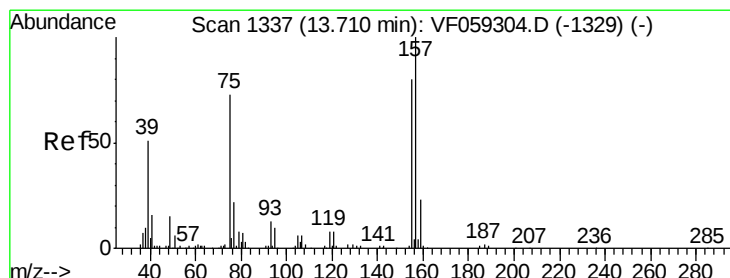
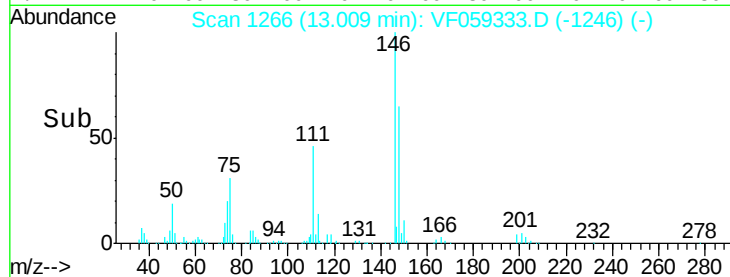
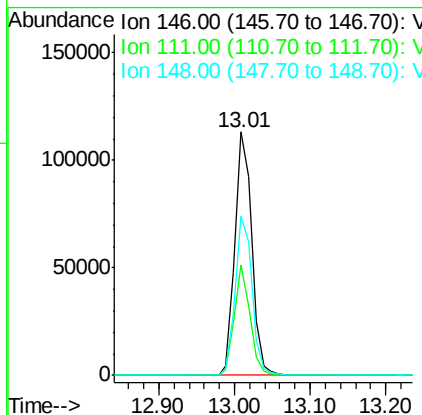
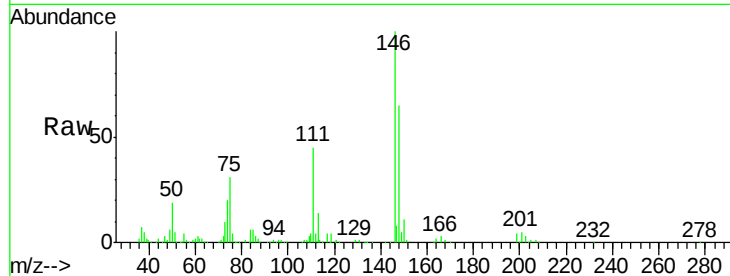
ClientSampleId :

VF0627SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 173770 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 45.5  | 22.7  | 68.0   |
| 148       | 65.2  | 33.5  | 100.4  |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.39 ug/l

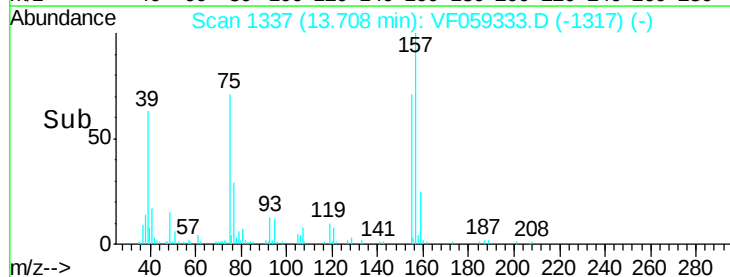
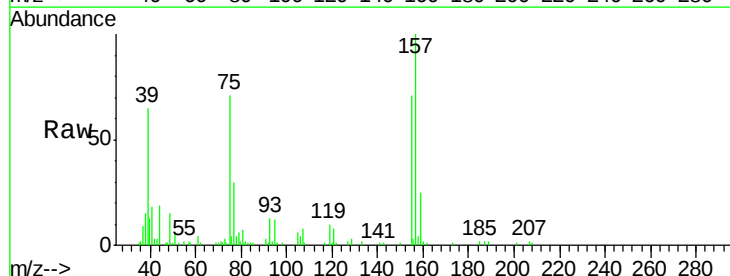
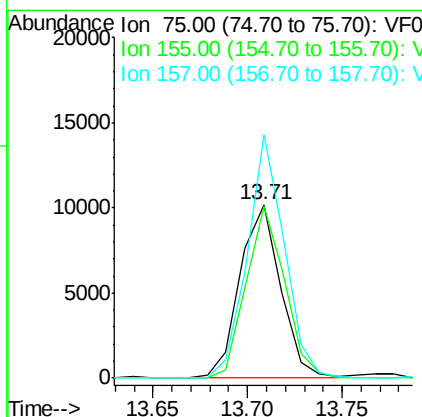
RT: 13.71 min Scan# 1337

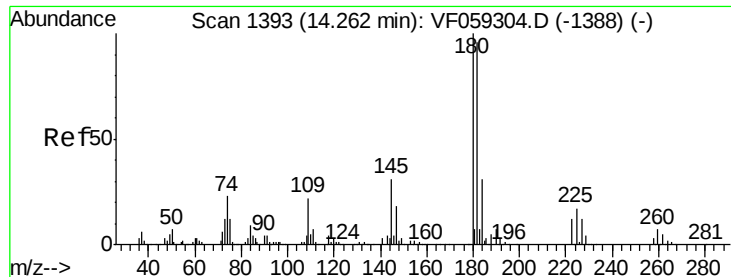
Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 15287 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 99.2  | 54.6  | 163.8 |
| 157       | 140.3 | 68.7  | 205.9 |





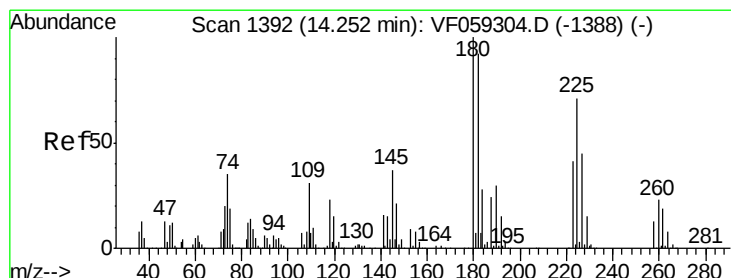
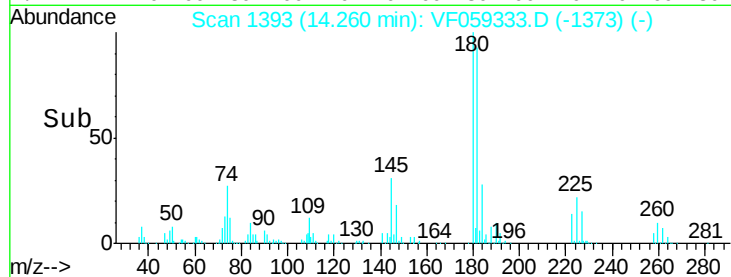
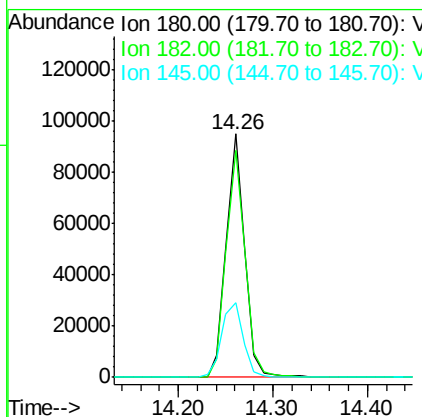
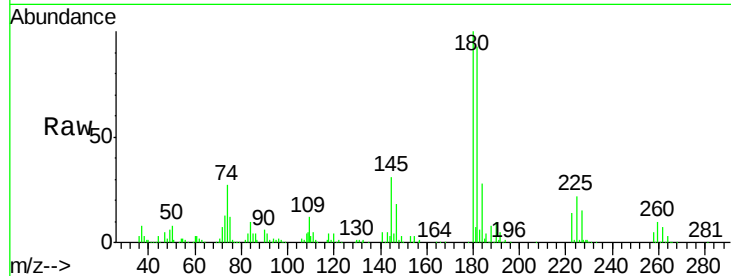
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.77 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0627SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 128827 |       |       |
| 182     | 93.3  | 48.1   | 144.3 |       |
| 145     | 30.5  | 15.3   | 45.8  |       |

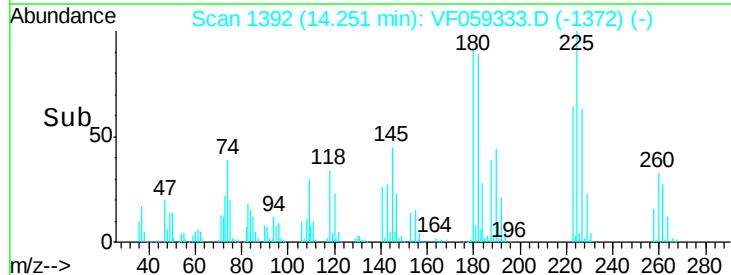
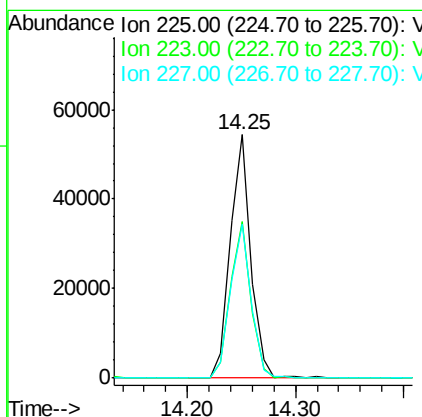
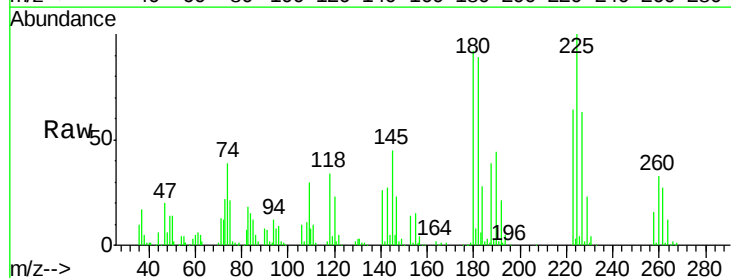
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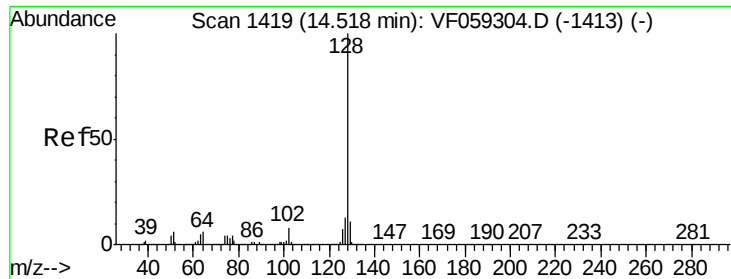
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#94  
 Hexachlorobutadiene  
 Concen: 20.72 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VF059333.D  
 Acq: 27 Jun 2018 12:34

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 71801 |       |       |
| 223     | 64.3  | 28.9  | 86.8  |       |
| 227     | 63.3  | 31.3  | 93.8  |       |





#95

Naphthalene

Concen: 19.50 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

Instrument :

MSVOA\_F

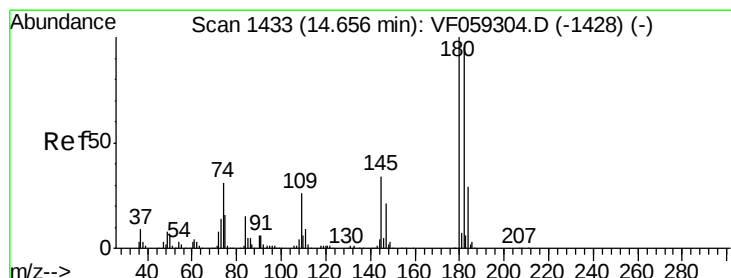
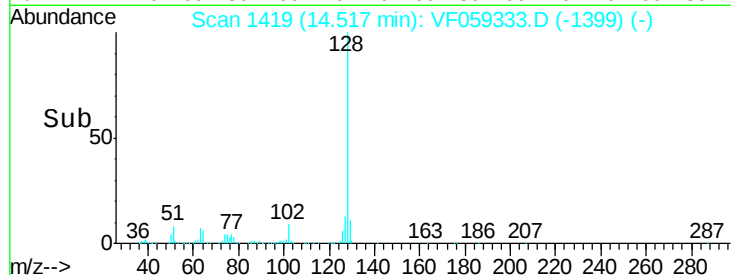
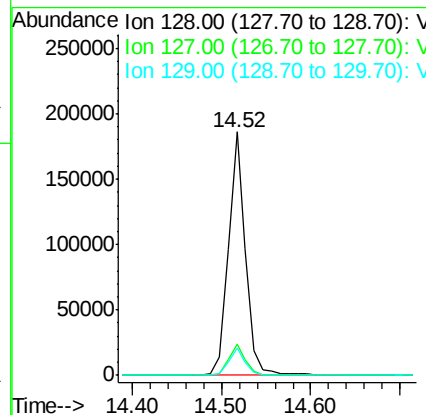
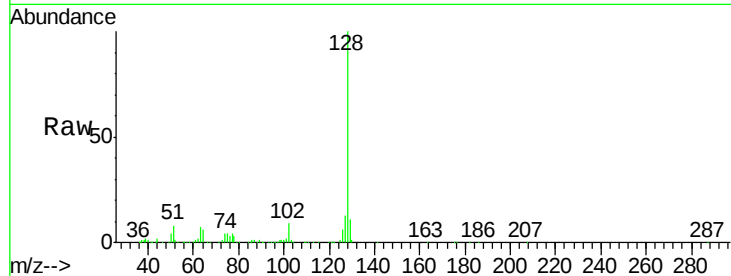
ClientSampleId :

VF0627SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 253065 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.6  | 10.1  | 15.1   |
| 129       | 11.0  | 8.8   | 13.2   |

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#96

1,2,3-Trichlorobenzene

Concen: 19.57 ug/l

RT: 14.66 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VF059333.D

Acq: 27 Jun 2018 12:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 114995 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 47.5  | 142.5  |
| 145       | 32.5  | 17.0  | 50.9   |

