

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF091018\  
 Data File : VF060226.D  
 Acq On : 10 Sep 2018 10:15  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 9/11/2018 10:31:35 AM

Quant Time: Sep 10 13:19:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F090618S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 07 10:44:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.05  | 168  | 173996   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.76  | 114  | 252091   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.91  | 117  | 258538   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 157380   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |       |
|---------------------------|--------|-----|----------|-------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 5.02   | 65  | 132745   | 43.67 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 87.34% |       |
| 35) Dibromofluoromethane  | 4.29   | 113 | 118990   | 48.18 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.36% |       |
| 50) Toluene-d8            | 7.71   | 98  | 299526   | 48.60 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.20% |       |
| 62) 4-Bromofluorobenzene  | 11.51  | 95  | 160338   | 46.11 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.22% |       |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.95 | 85  | 156139 | 47.07  | ug/l   | 97     |
| 3) Chloromethane              | 1.07 | 50  | 89501  | 51.17  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.12 | 62  | 80300  | 59.57  | ug/l   | 100    |
| 5) Bromomethane               | 1.32 | 94  | 56404  | 46.71  | ug/l   | 99     |
| 6) Chloroethane               | 1.39 | 64  | 44204  | 51.20  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 1.49 | 101 | 209603 | 55.76  | ug/l   | 92     |
| 8) Diethyl Ether              | 1.69 | 74  | 26868  | 48.34  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.86 | 101 | 96911  | 52.72  | ug/l   | 96     |
| 10) Methyl Iodide             | 1.93 | 142 | 68327  | 41.26  | ug/l # | 94     |
| 11) Tert butyl alcohol        | 2.67 | 59  | 24793  | 161.96 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 1.82 | 96  | 67904  | 54.30  | ug/l   | 95     |
| 13) Acrolein                  | 2.09 | 56  | 17111  | 272.49 | ug/l # | 68     |
| 14) Allyl chloride            | 2.19 | 41  | 111291 | 59.33  | ug/l   | 94     |
| 15) Acrylonitrile             | 3.06 | 53  | 60411  | 261.41 | ug/l   | 96     |
| 16) Acetone                   | 2.33 | 43  | 178547 | 241.78 | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.84 | 76  | 204869 | 56.21  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.44 | 43  | 48304  | 47.03  | ug/l # | 92     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 182773 | 44.17  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.28 | 84  | 68981  | 45.67  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96  | 70579  | 55.15  | ug/l   | 93     |
| 22) Diisopropyl ether         | 2.92 | 45  | 250058 | 53.20  | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.32 | 43  | 368781 | 191.84 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 3.00 | 63  | 188857 | 61.77  | ug/l   | 98     |
| 25) 2-Butanone                | 4.49 | 43  | 195220 | 228.50 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 3.75 | 77  | 197757 | 46.73  | ug/l   | 95     |
| 27) cis-1,2-Dichloroethene    | 3.64 | 96  | 95633  | 57.26  | ug/l   | 90     |
| 28) Bromochloromethane        | 3.89 | 49  | 45996  | 44.17  | ug/l # | 96     |
| 29) Tetrahydrofuran           | 4.24 | 42  | 60638  | 214.70 | ug/l   | 97     |
| 30) Chloroform                | 4.03 | 83  | 234578 | 52.37  | ug/l   | 97     |
| 31) Cyclohexane               | 3.85 | 56  | 114100 | 54.55  | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97  | 228178 | 51.14  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 4.45 | 75  | 155934 | 52.55  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.28 | 43  | 61771  | 40.69  | ug/l # | 1      |
| 38) Carbon Tetrachloride      | 4.17 | 117 | 205973 | 50.49  | ug/l   | 98     |

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 Misc : 5.00g/5mL/MSVOA F/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 9/11/2018 10:31:35 AM

Quant Time: Sep 10 13:19:57 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F090618S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 07 10:44:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 5.63  | 83   | 129663   | 52.17  | ug/l   | 92       |
| 40) Benzene                    | 4.81  | 78   | 283777   | 53.68  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.91  | 41   | 30923    | 40.07  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 5.11  | 62   | 177425   | 46.44  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.11  | 43   | 70079    | 40.61  | ug/l # | 98       |
| 44) Trichloroethene            | 5.68  | 130  | 107313   | 50.12  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.40  | 63   | 76619    | 50.99  | ug/l # | 86       |
| 46) Dibromomethane             | 6.25  | 93   | 66087    | 49.95  | ug/l   | 93       |
| 47) Bromodichloromethane       | 6.54  | 83   | 174703   | 48.65  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.87  | 41   | 56167    | 40.97  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.87  | 88   | 7440     | 369.34 | ug/l # | 82       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 307643   | 200.63 | ug/l   | 98       |
| 52) Toluene                    | 7.78  | 92   | 206423   | 50.42  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 145145   | 48.10  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.45  | 75   | 156810   | 50.06  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 8.63  | 97   | 69045    | 45.85  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.76  | 69   | 76981    | 44.72  | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 9.00  | 76   | 124033   | 46.33  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 7.78  | 63   | 44132    | 238.40 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.63  | 43   | 239453   | 208.60 | ug/l   | 94       |
| 60) Dibromochloromethane       | 8.86  | 129  | 124220   | 49.81  | ug/l   | 89       |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 83447    | 46.20  | ug/l   | 82       |
| 64) Tetrachloroethene          | 8.31  | 164  | 130222   | 49.09  | ug/l   | 93       |
| 65) Chlorobenzene              | 9.94  | 112  | 270374   | 50.53  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 110510   | 46.59  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.04 | 91   | 510054   | 51.09  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.27 | 106  | 342048   | 102.11 | ug/l   | 96       |
| 69) o-Xylene                   | 10.83 | 106  | 188421   | 52.73  | ug/l   | 92       |
| 70) Styrene                    | 10.90 | 104  | 275663   | 50.90  | ug/l   | 98       |
| 71) Bromoform                  | 10.89 | 173  | 73066    | 53.36  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.23 | 105  | 574862   | 52.95  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.46 | 43   | 80206    | 38.34  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 80610    | 49.38  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.89 | 75   | 75665    | 43.74  | ug/l   | 94       |
| 77) Bromobenzene               | 11.59 | 156  | 140401   | 49.39  | ug/l   | 79       |
| 78) n-propylbenzene            | 11.69 | 91   | 685431   | 52.69  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 400225   | 50.93  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.92 | 105  | 507375   | 52.95  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75   | 23421m   | 57.56  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 441251   | 50.59  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 472916   | 54.16  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 502142   | 51.58  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.39 | 105  | 642967   | 53.37  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 564788   | 52.80  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.56 | 146  | 262375   | 50.51  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.65 | 146  | 258779   | 50.33  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.92 | 91   | 536978   | 51.90  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.99 | 117  | 128086   | 59.07  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 247104   | 50.10  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 21376    | 51.32  | ug/l   | 85       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF091018\  
Data File : VF060226.D  
Acq On : 10 Sep 2018 10:15  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

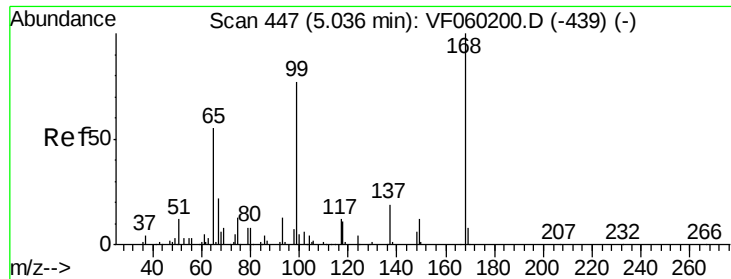
apatel  
9/11/2018 10:31:35 AM

Quant Time: Sep 10 13:19:57 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F090618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 07 10:44:05 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 180502   | 47.35 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 146787   | 54.03 | ug/l  | 98       |
| 95) Naphthalene            | 14.52 | 128  | 173369   | 30.22 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 171619   | 47.97 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 448

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 173996

Ion Ratio Lower Upper

168 100

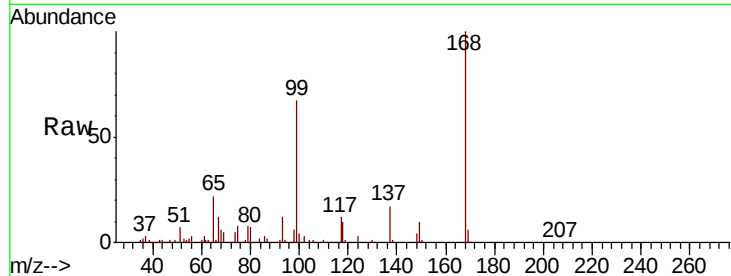
99 66.5 61.8 92.6

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

5.05

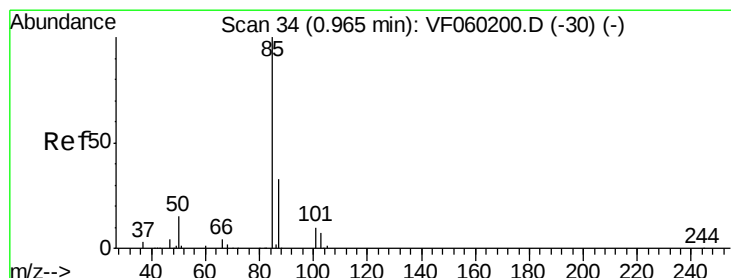
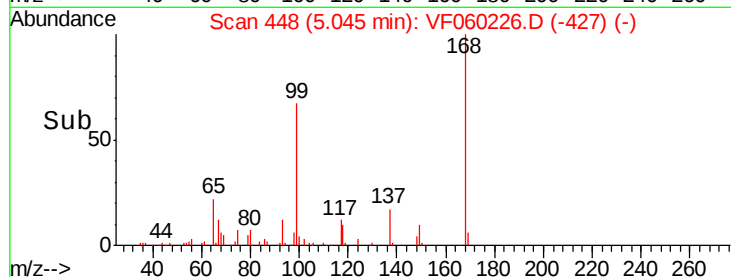
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.07 ug/l

RT: 0.95 min Scan# 33

Delta R.T. -0.01 min

Lab File: VF060226.D

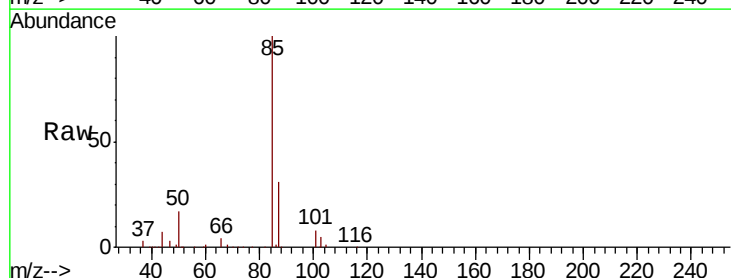
Acq: 10 Sep 2018 10:15

Tgt Ion: 85 Resp: 156139

Ion Ratio Lower Upper

85 100

87 30.8 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.95

100000

80000

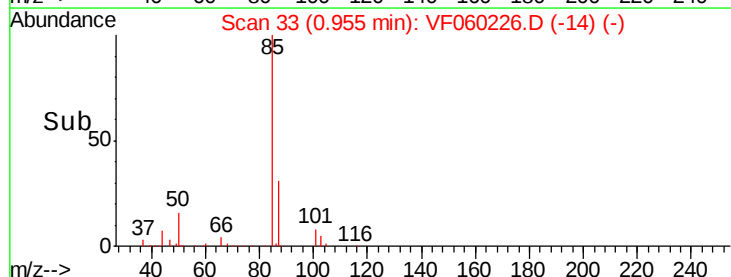
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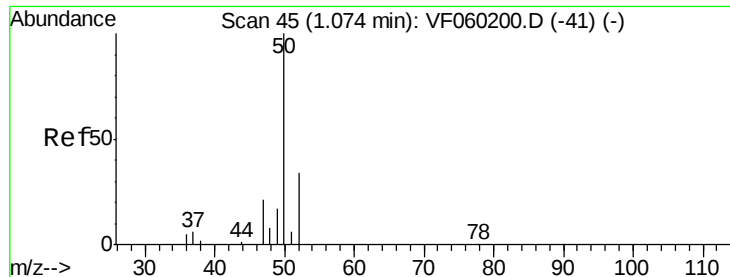
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20000

0

Time-->





#3

Chloromethane

Concen: 51.17 ug/l

RT: 1.07 min Scan# 45

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 89501

Ion Ratio Lower Upper

50 100

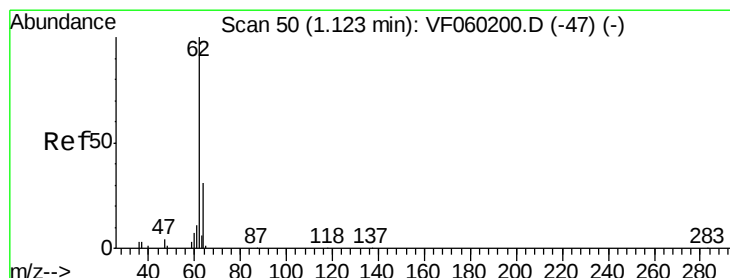
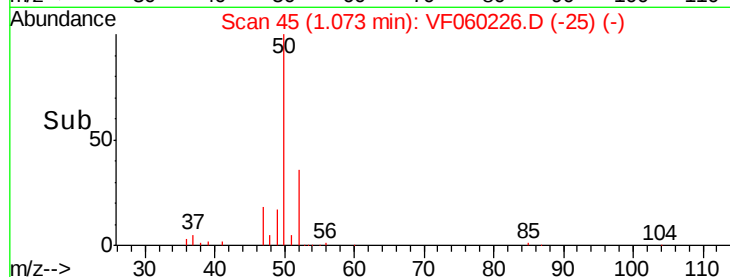
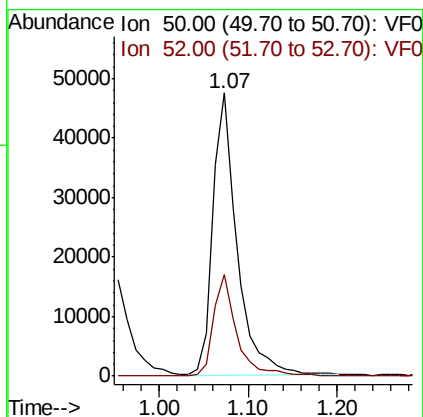
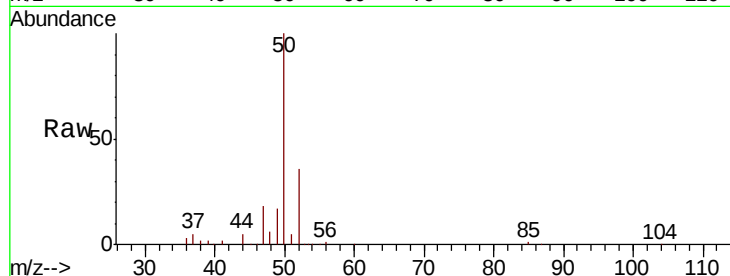
52 36.1 26.9 40.3

Manual Integrations

APPROVED

apatel

9/11/2018 10:31:35 AM



#4

Vinyl Chloride

Concen: 59.57 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.00 min

Lab File: VF060226.D

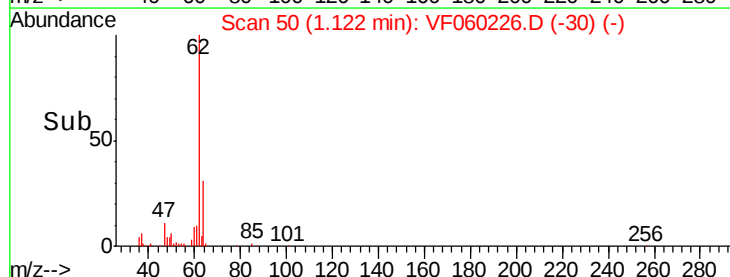
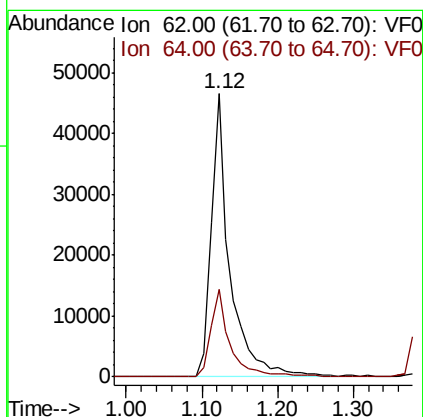
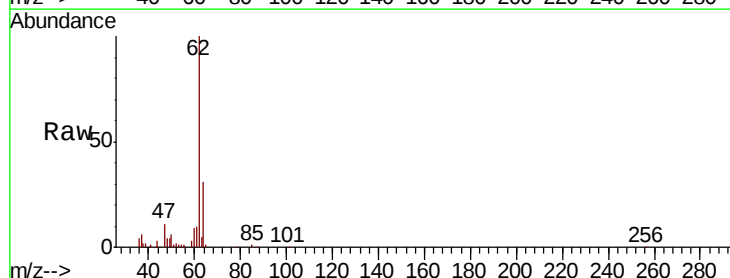
Acq: 10 Sep 2018 10:15

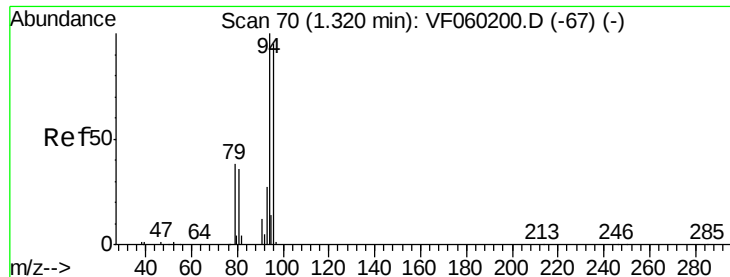
Tgt Ion: 62 Resp: 80300

Ion Ratio Lower Upper

62 100

64 30.8 24.8 37.2





#5

Bromomethane

Concen: 46.71 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 56404

Ion Ratio Lower Upper

94 100

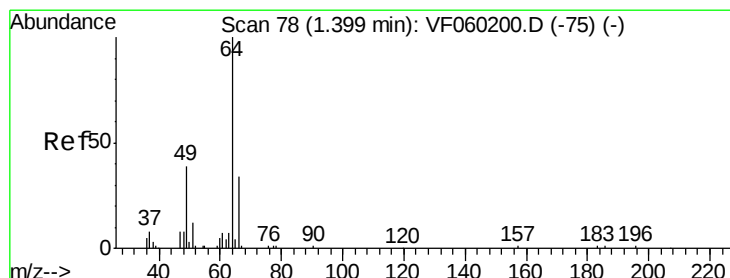
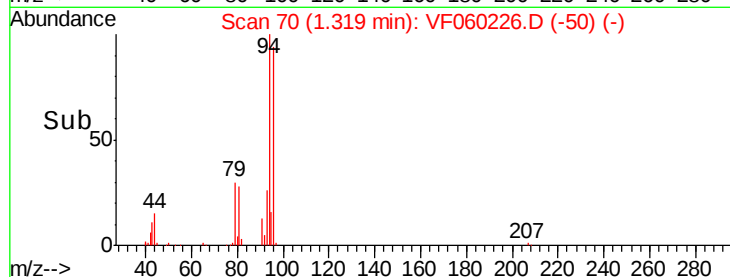
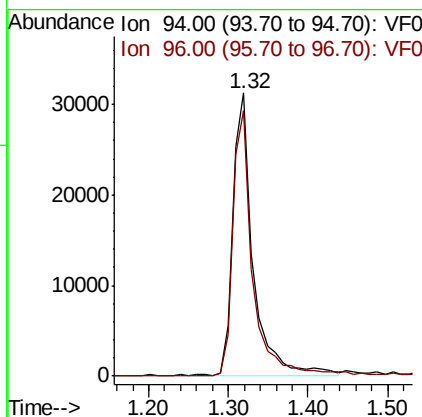
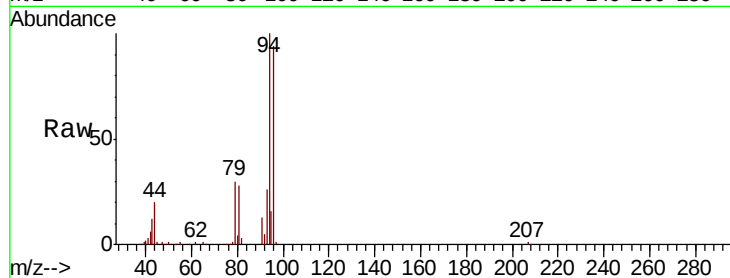
96 93.8 75.8 113.6

Manual Integrations

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9/11/2018 10:31:35 AM



#6

Chloroethane

Concen: 51.20 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.01 min

Lab File: VF060226.D

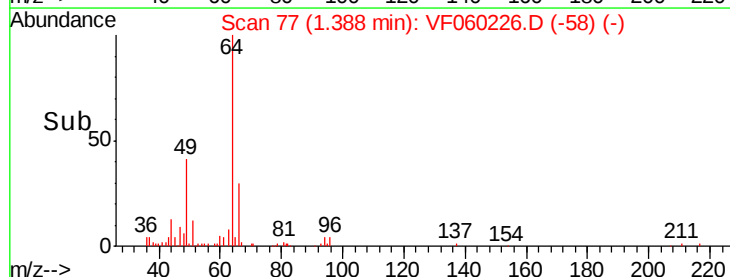
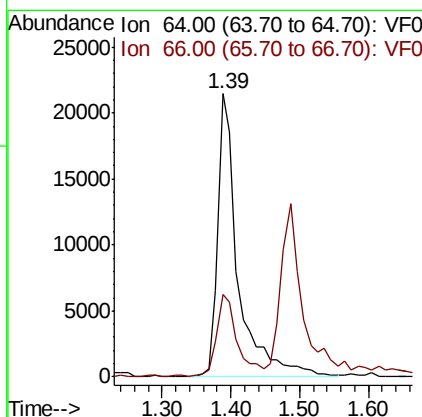
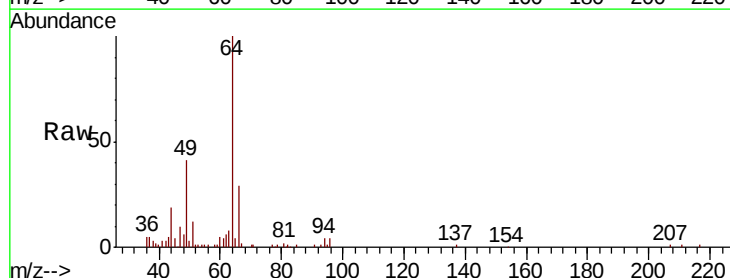
Acq: 10 Sep 2018 10:15

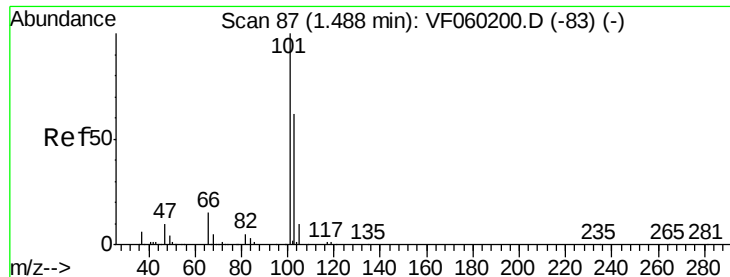
Tgt Ion: 64 Resp: 44204

Ion Ratio Lower Upper

64 100

66 29.3 27.1 40.7





#7

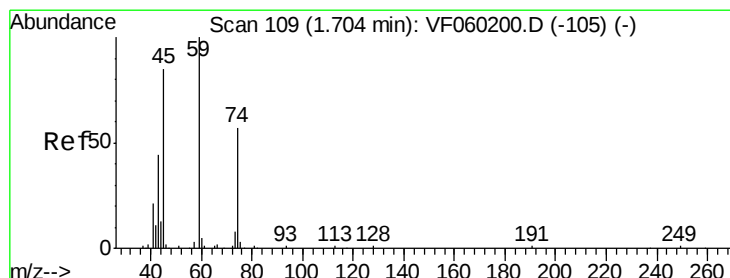
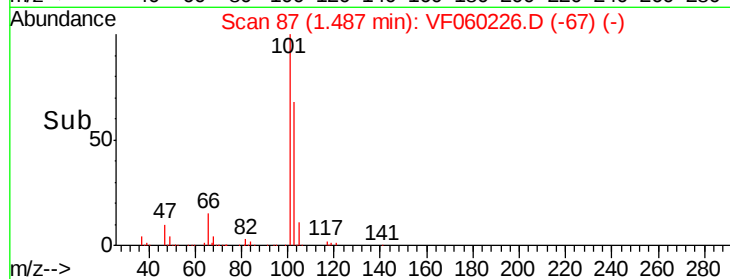
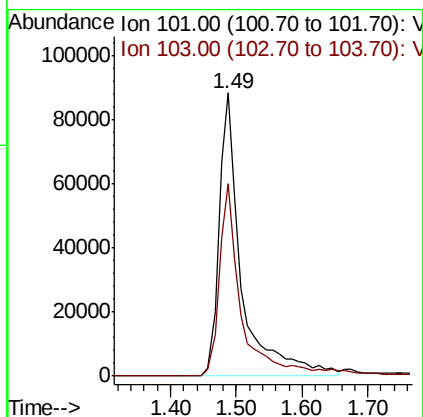
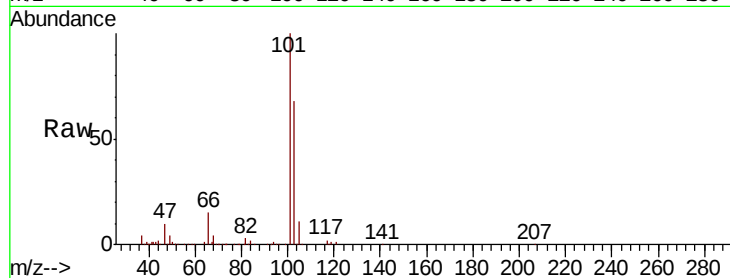
Trichlorofluoromethane  
 Concen: 55.76 ug/l  
 RT: 1.49 min Scan# 87  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 68.0  | 49.5  | 74.3  |

Manual Integrations  
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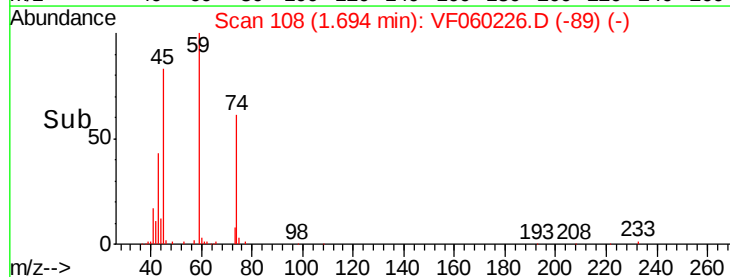
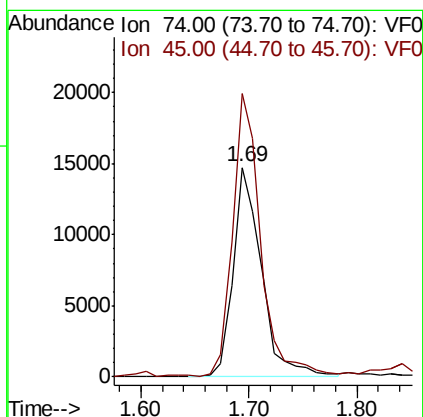
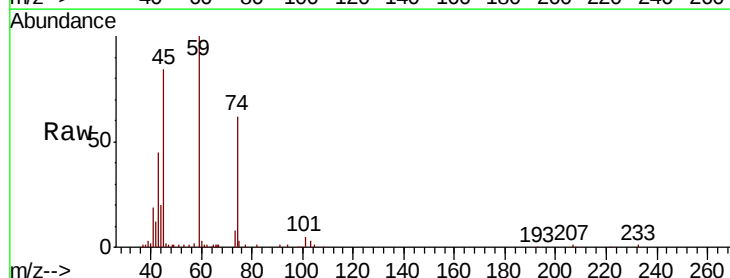
apatel  
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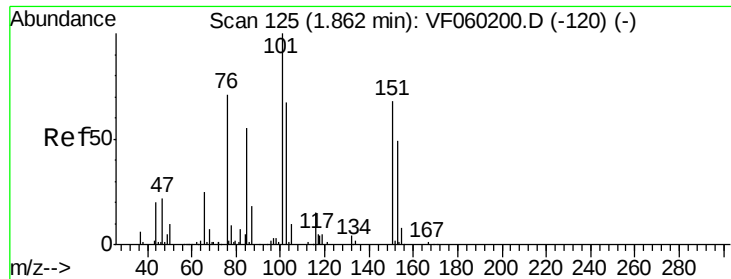


#8

Diethyl Ether  
 Concen: 48.34 ug/l  
 RT: 1.69 min Scan# 108  
 Delta R.T. -0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 135.0 | 75.3  | 225.7 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.72 ug/l

RT: 1.86 min Scan# 125

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

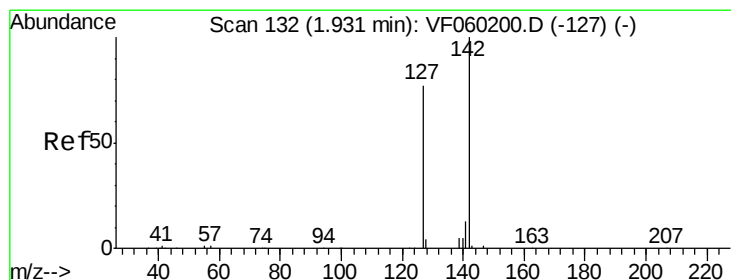
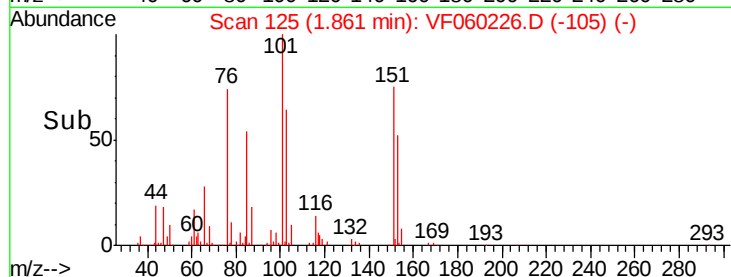
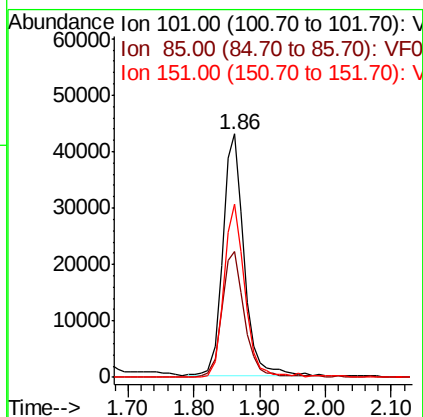
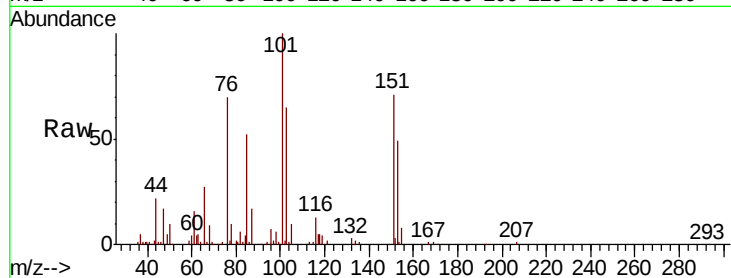
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 96911 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 51.7  | 43.0  | 64.4  |
| 151       | 71.1  | 53.6  | 80.4  |

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#10

Methyl Iodide

Concen: 41.26 ug/l

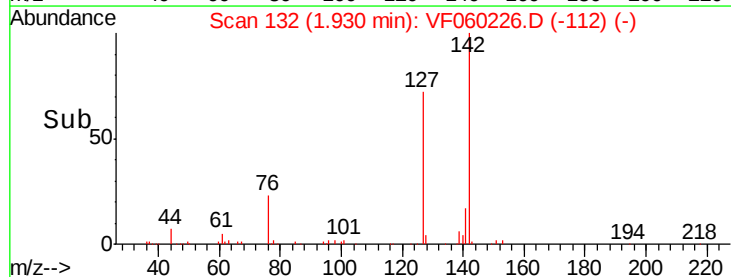
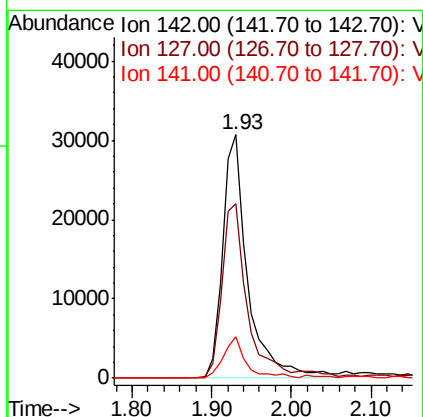
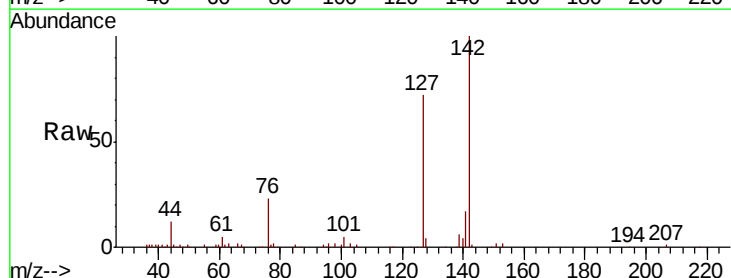
RT: 1.93 min Scan# 132

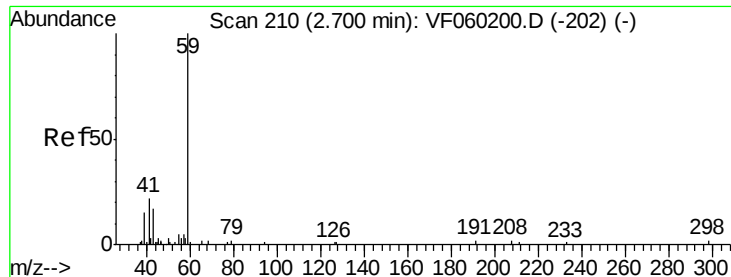
Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 68327 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 71.7  | 61.1  | 91.7  |
| 141       | 17.2  | 10.6  | 15.8# |





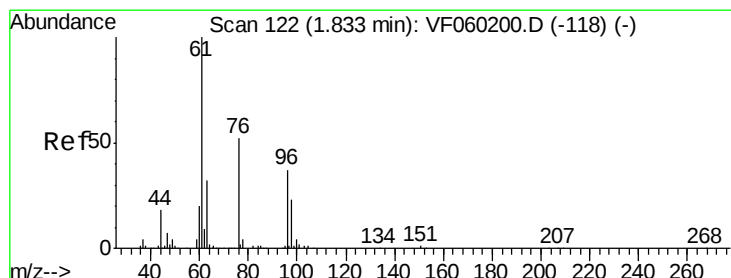
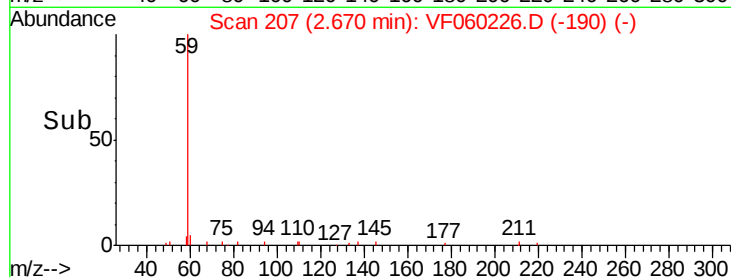
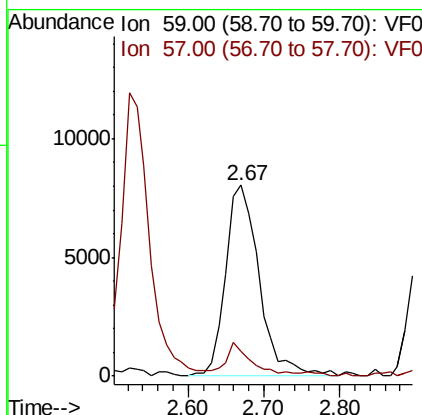
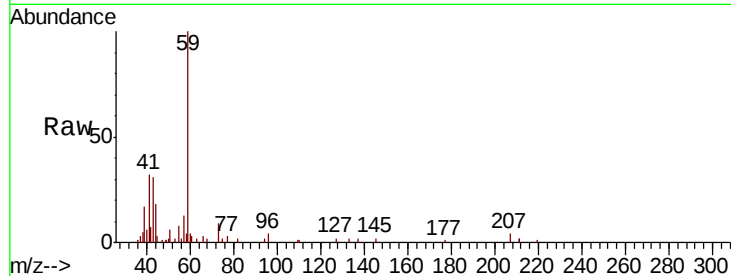
#11  
Tert butyl alcohol  
Concen: 161.96 ug/l  
RT: 2.67 min Scan# 207  
Delta R.T. -0.03 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 24793  
Ion Ratio Lower Upper  
59 100  
57 12.8 7.2 10.8#

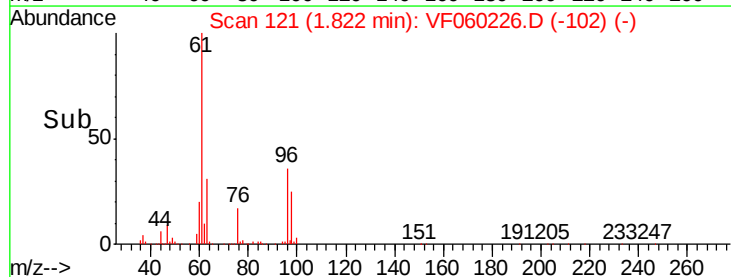
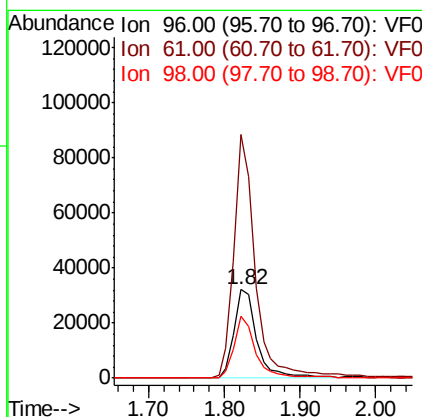
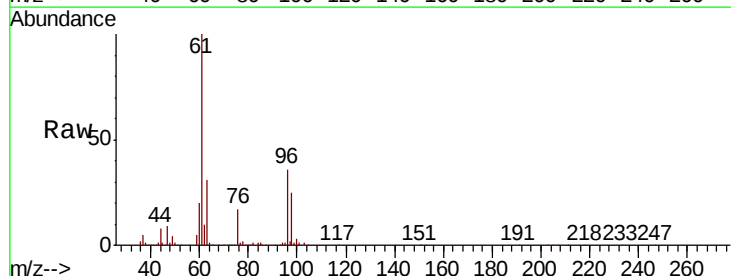
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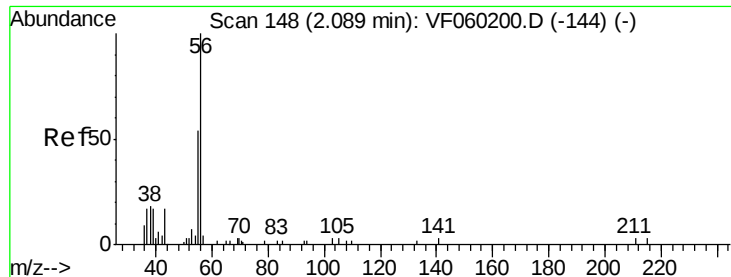
apatel  
9/11/2018 10:31:35 AM



#12  
1,1-Dichloroethene  
Concen: 54.30 ug/l  
RT: 1.82 min Scan# 121  
Delta R.T. -0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Tgt Ion: 96 Resp: 67904  
Ion Ratio Lower Upper  
96 100  
61 275.2 214.6 321.8  
98 69.5 50.7 76.1





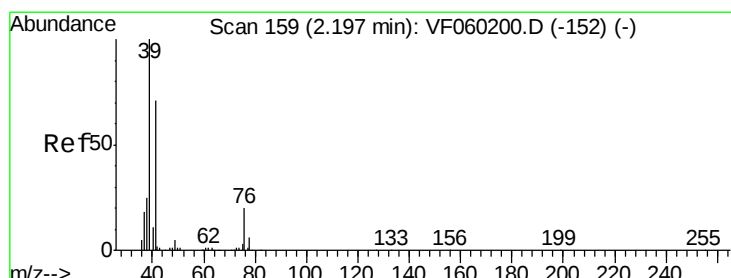
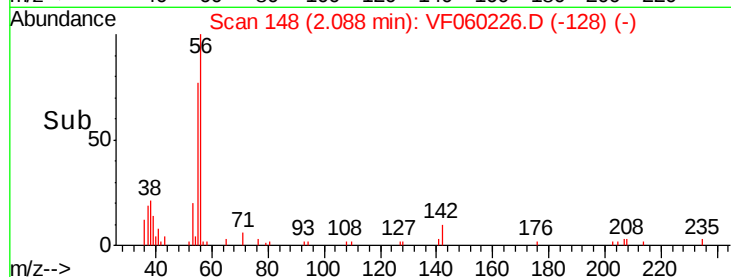
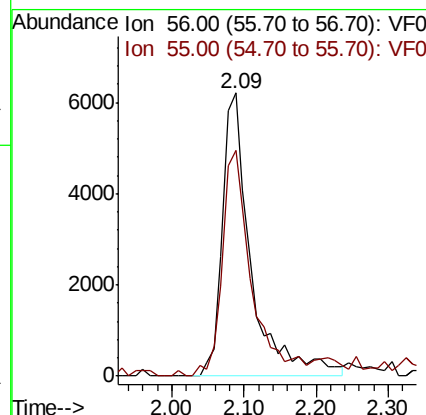
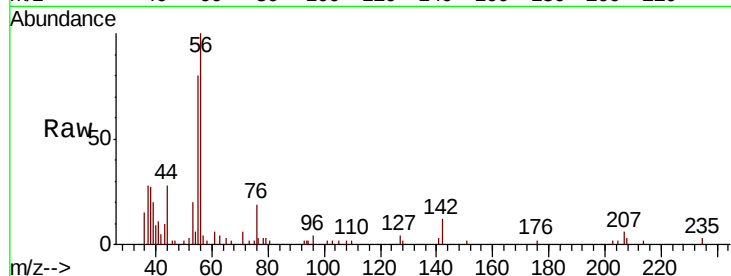
#13  
Acrolein  
Concen: 272.49 ug/l  
RT: 2.09 min Scan# 148  
Delta R.T. 0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 56   | Resp  | 17111 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 79.7 | 45.1  | 67.7# |

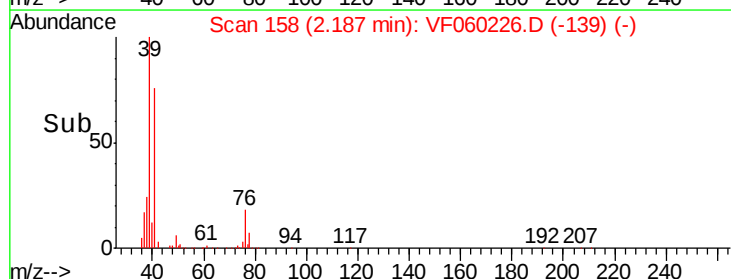
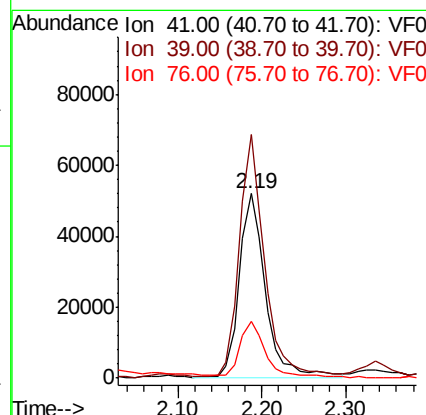
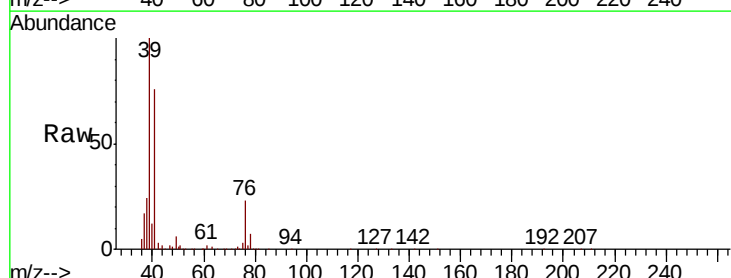
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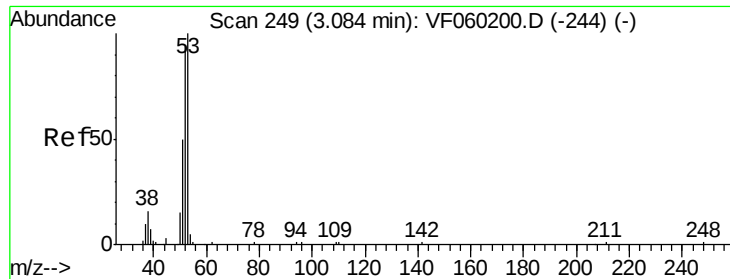
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#14  
Allyl chloride  
Concen: 59.33 ug/l  
RT: 2.19 min Scan# 158  
Delta R.T. -0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion   | 41    | Resp  | 111291 |
|-----------|-------|-------|--------|
| Ion Ratio | 100   | Lower | Upper  |
| 39        | 132.3 | 112.2 | 168.2  |
| 76        | 30.7  | 23.2  | 34.8   |





#15

Acrylonitrile

Concen: 261.41 ug/l

RT: 3.06 min Scan# 247

Delta R.T. -0.02 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

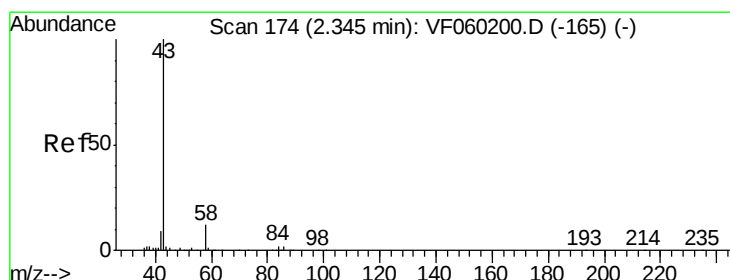
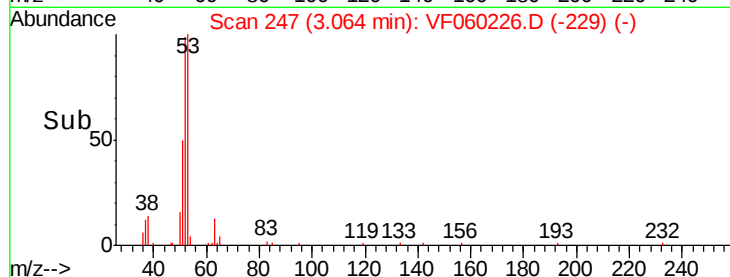
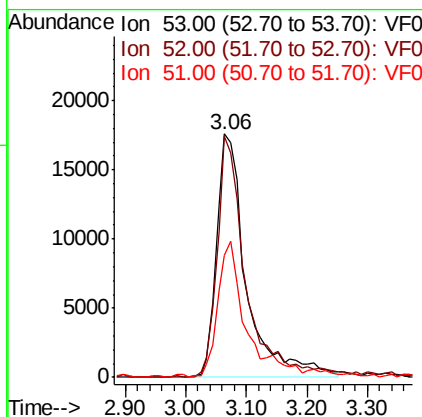
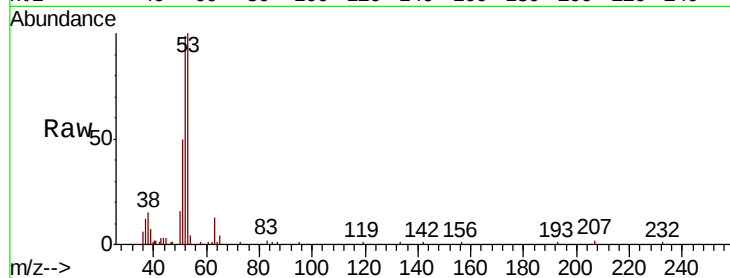
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 60411 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 99.2  | 75.0  | 112.6 |
| 51       | 50.2  | 39.9  | 59.9  |

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#16

Acetone

Concen: 241.78 ug/l

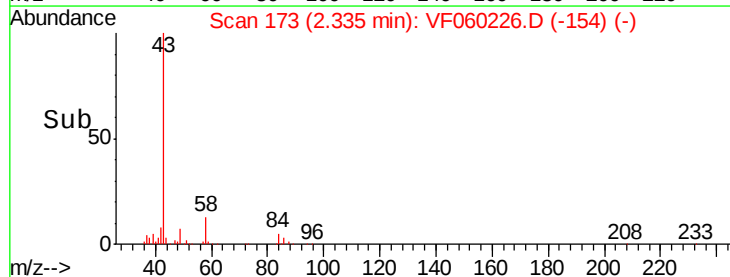
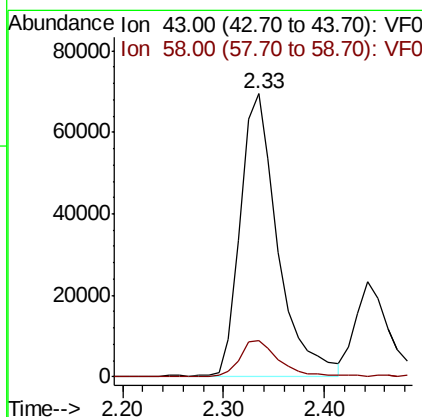
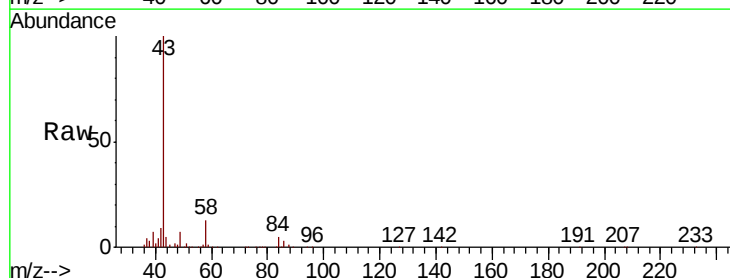
RT: 2.33 min Scan# 173

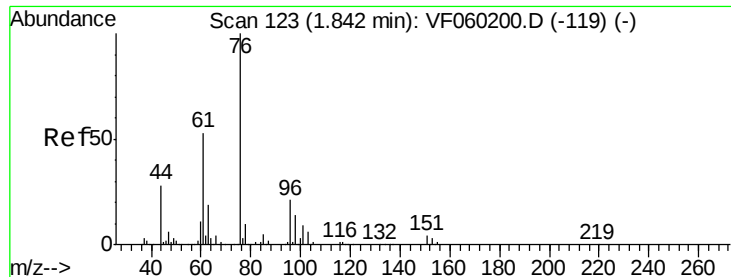
Delta R.T. -0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 178547 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 12.9  | 9.7   | 14.5   |





#17

Carbon Disulfide

Concen: 56.21 ug/l

RT: 1.84 min Scan# 123

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 204869

Ion Ratio Lower Upper

76 100

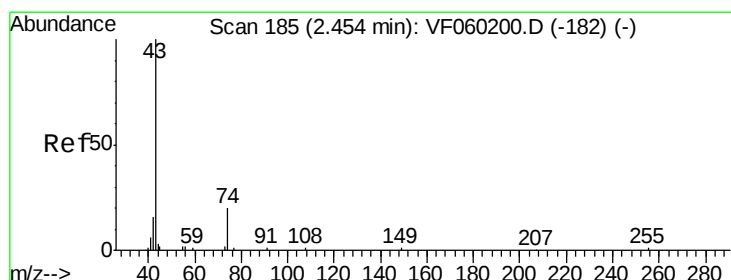
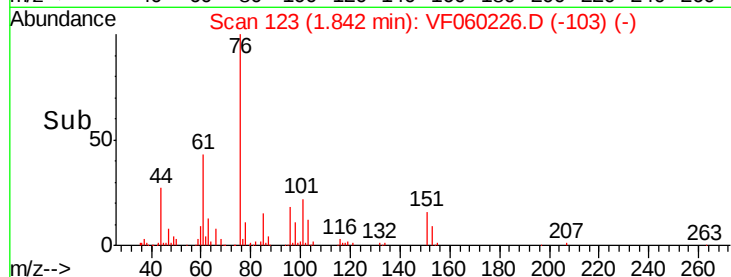
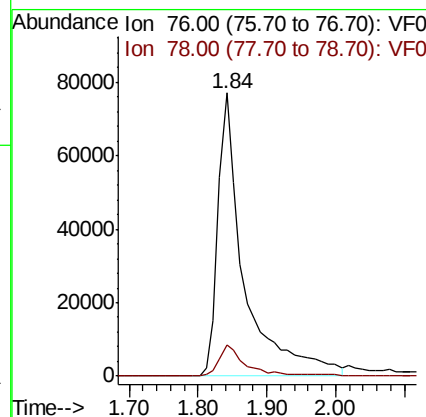
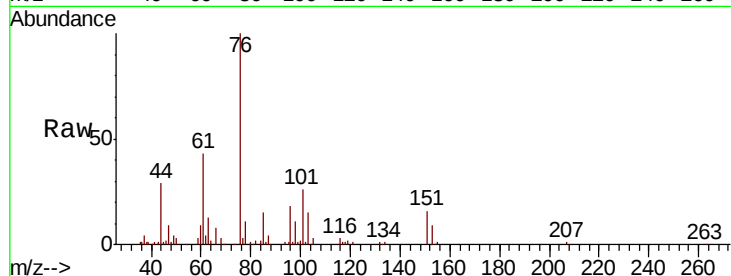
78 11.0 8.5 12.7

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#18

Methyl Acetate

Concen: 47.03 ug/l

RT: 2.44 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF060226.D

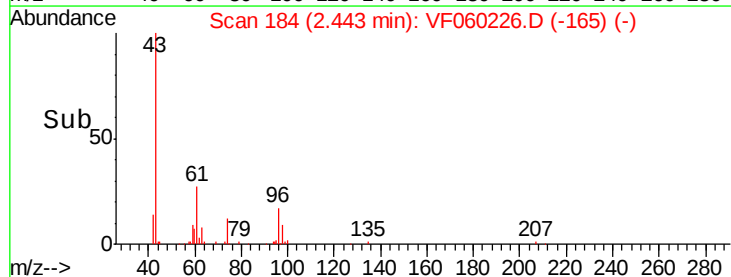
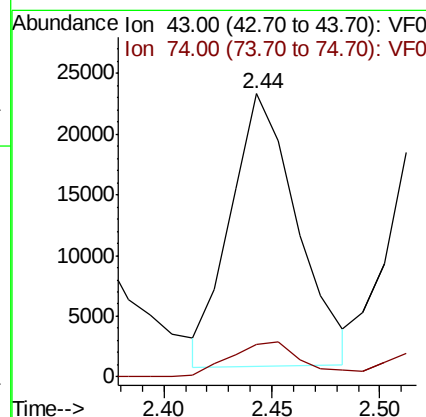
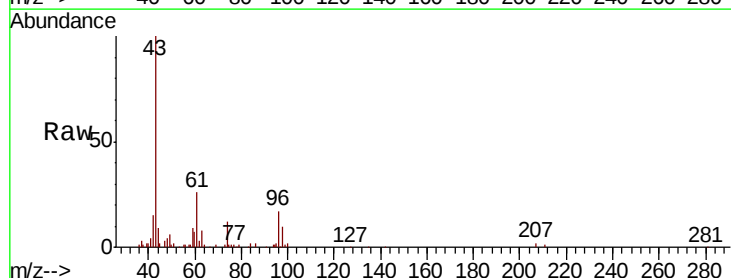
Acq: 10 Sep 2018 10:15

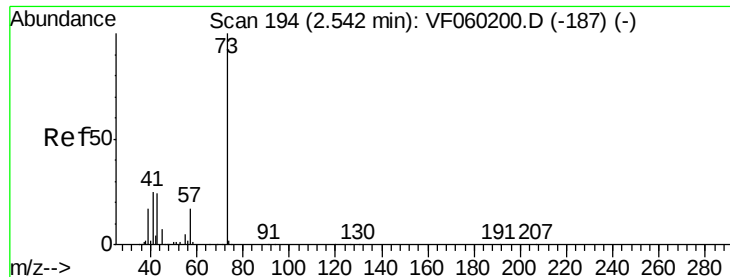
Tgt Ion: 43 Resp: 48304

Ion Ratio Lower Upper

43 100

74 11.5 11.9 17.9#





#19

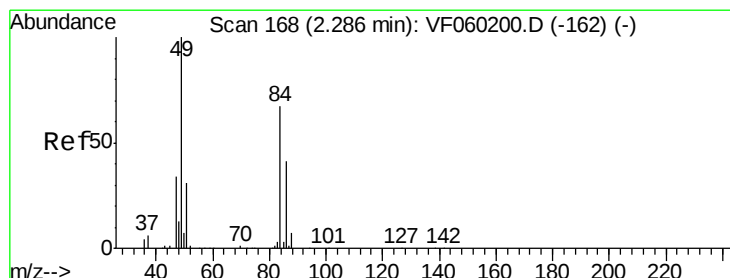
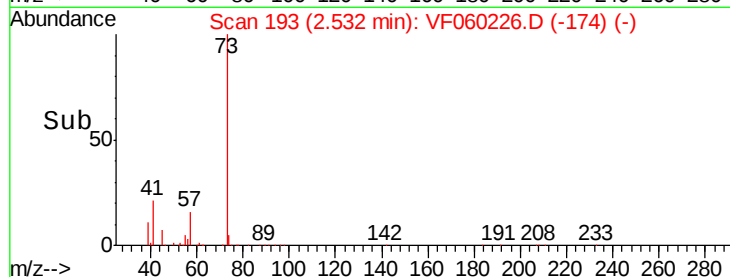
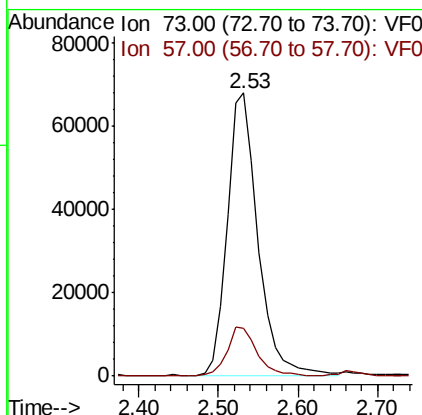
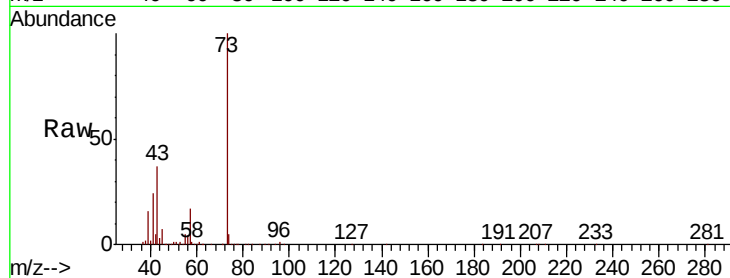
Methyl tert-butyl Ether  
 Concen: 44.17 ug/l  
 RT: 2.53 min Scan# 193  
 Delta R.T. -0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 16.7  | 14.3  | 21.5  |

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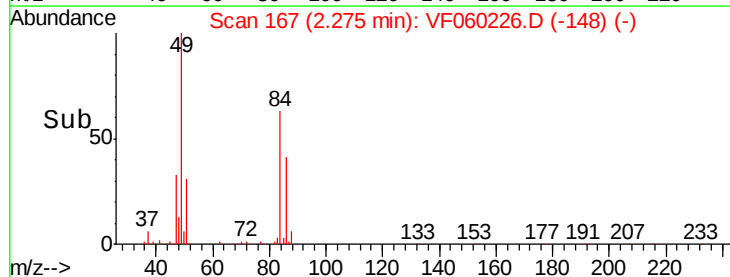
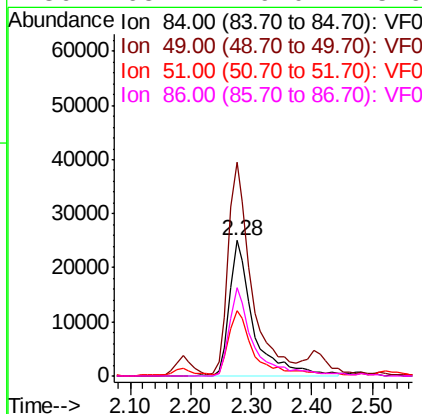
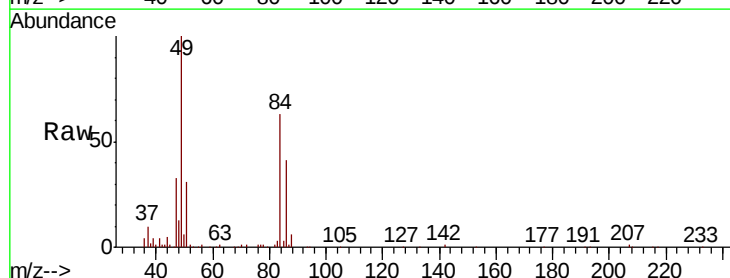
apatel  
 9/11/2018 10:31:35 AM

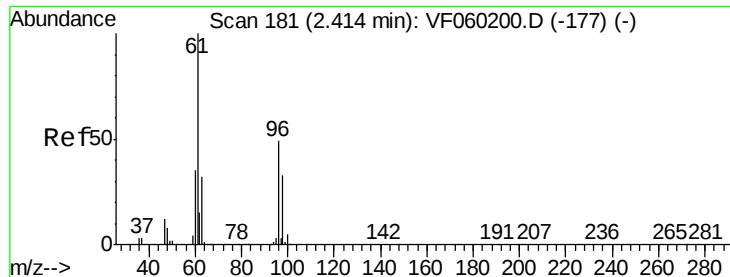


#20

Methylene Chloride  
 Concen: 45.67 ug/l  
 RT: 2.28 min Scan# 167  
 Delta R.T. -0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 157.6 | 120.1 | 180.1 |
| 51      | 48.5  | 37.0  | 55.6  |
| 86      | 65.2  | 49.0  | 73.6  |





#21

trans-1,2-Dichloroethene

Concen: 55.15 ug/l

RT: 2.41 min Scan# 181

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

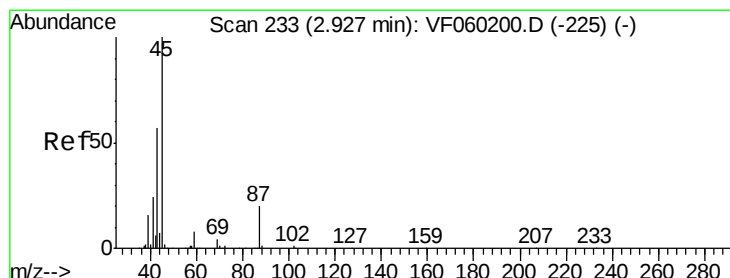
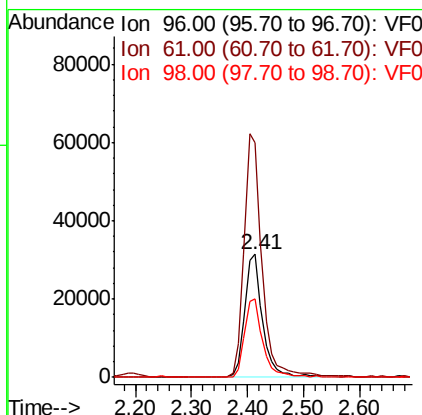
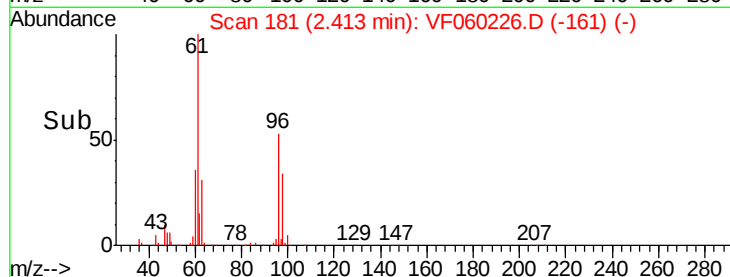
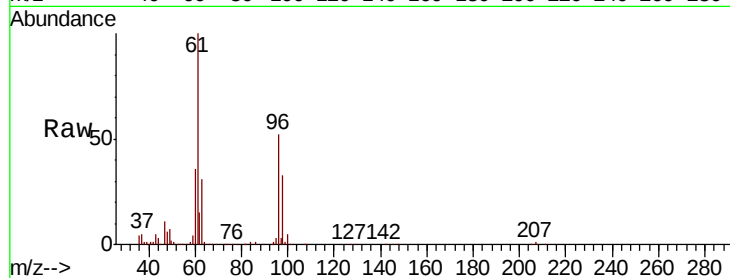
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 70579 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 191.1 | 163.1 | 244.7 |
| 98        | 63.9  | 54.1  | 81.1  |

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apatel  
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#22

Diisopropyl ether

Concen: 53.20 ug/l

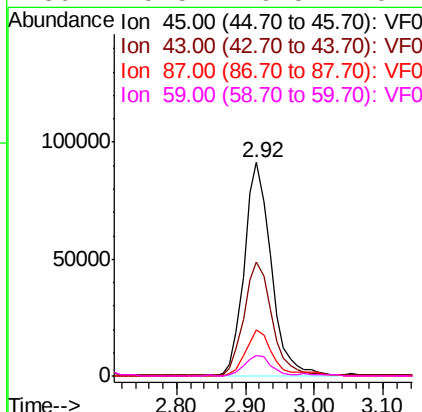
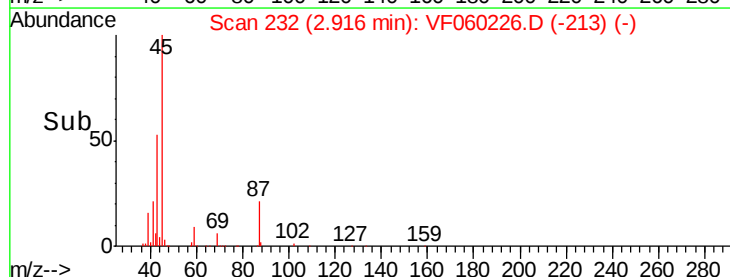
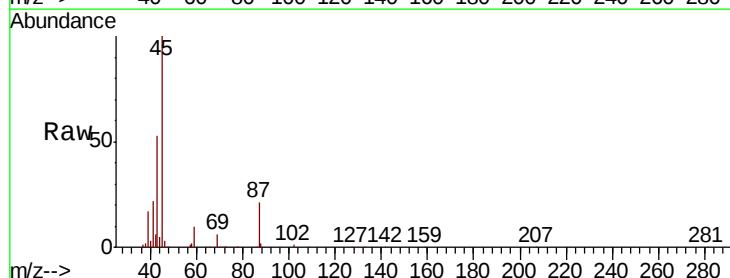
RT: 2.92 min Scan# 232

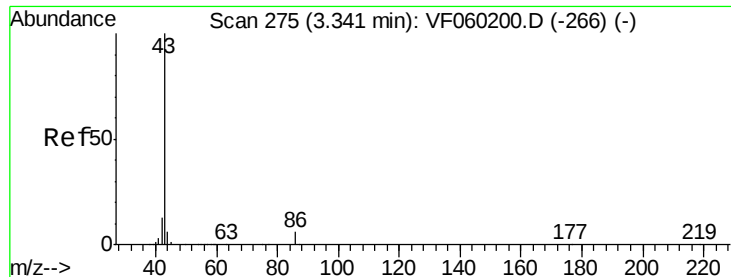
Delta R.T. -0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 250058 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 53.2  | 46.2  | 69.4   |
| 87        | 21.4  | 16.1  | 24.1   |
| 59        | 9.5   | 6.5   | 9.7    |





#23

Vinyl Acetate

Concen: 191.84 ug/l

RT: 3.32 min Scan# 273

Delta R.T. -0.02 min

Lab File: VF060226.D

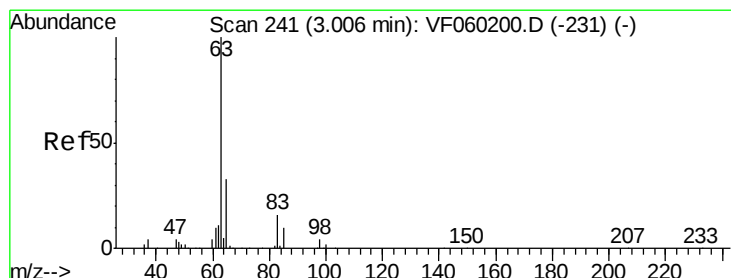
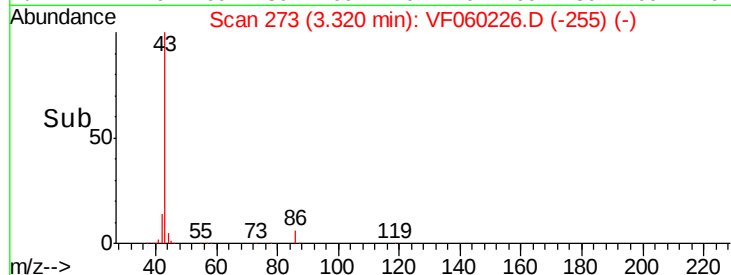
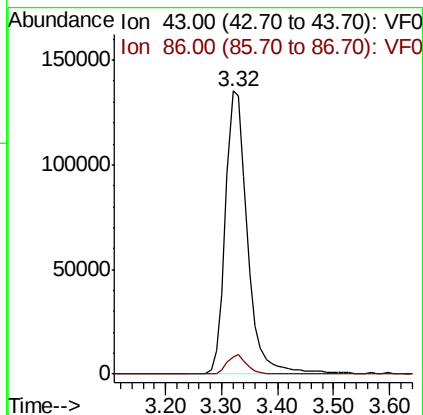
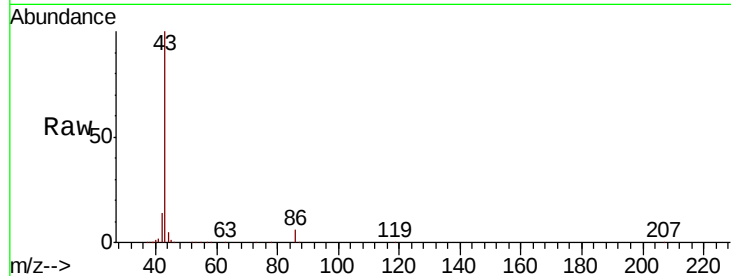
Acq: 10 Sep 2018 10:15

| Tot Ion | 43    | Resp  | 368781 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 86      | 6.1   | 4.8   | 7.2    |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 61.77 ug/l

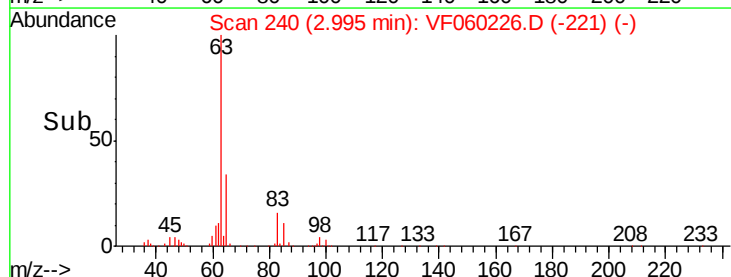
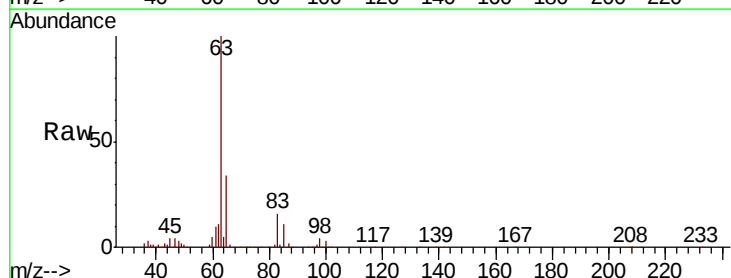
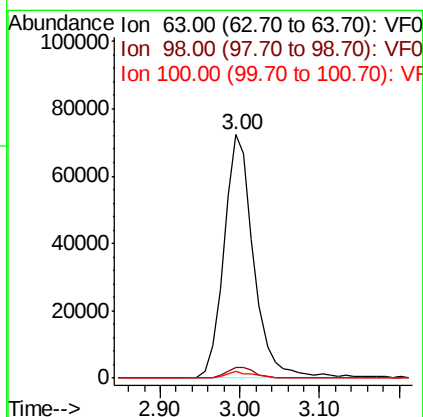
RT: 3.00 min Scan# 240

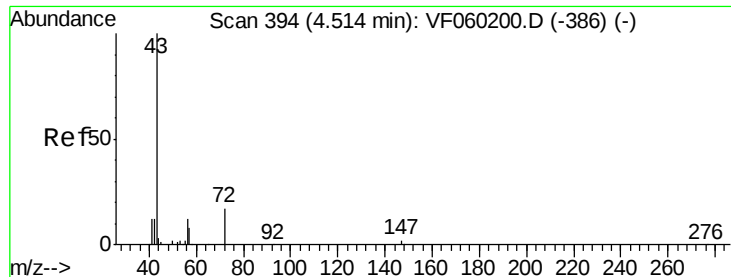
Delta R.T. -0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

| Tgt Ion | 63    | Resp  | 188857 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 63      | 100   |       |        |
| 98      | 4.4   | 1.9   | 5.7    |
| 100     | 2.6   | 1.1   | 3.1    |





#25

2-Butanone

Concen: 228.50 ug/l

RT: 4.49 min Scan# 392

Delta R.T. -0.02 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 195220

Ion Ratio Lower Upper

43 100

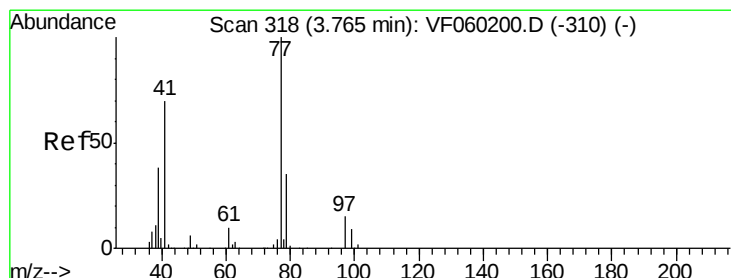
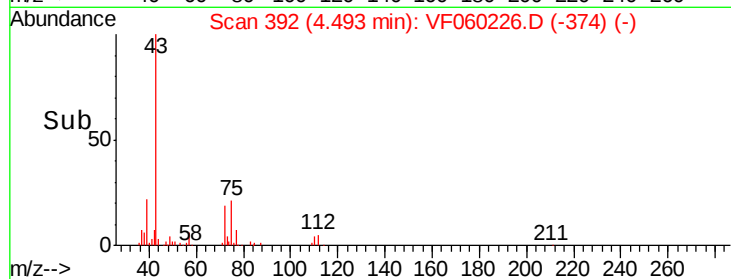
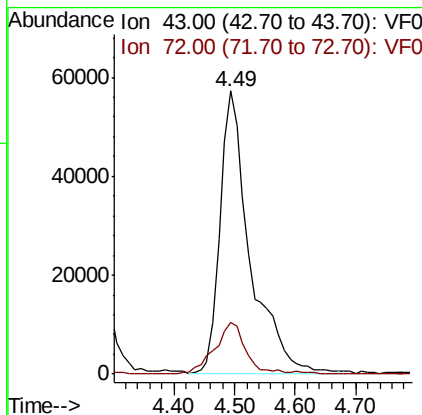
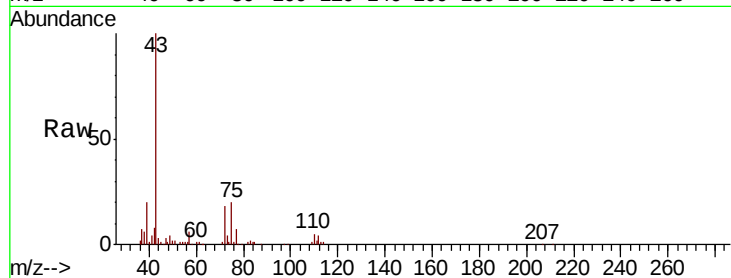
72 18.5 14.8 22.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.73 ug/l

RT: 3.75 min Scan# 317

Delta R.T. -0.01 min

Lab File: VF060226.D

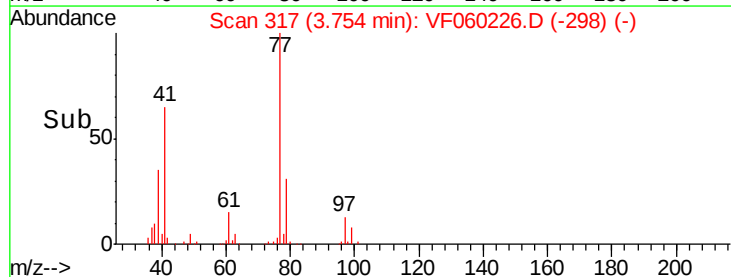
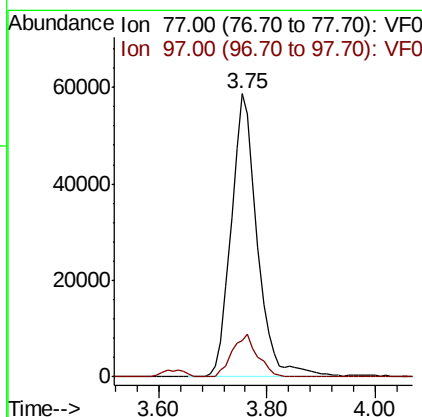
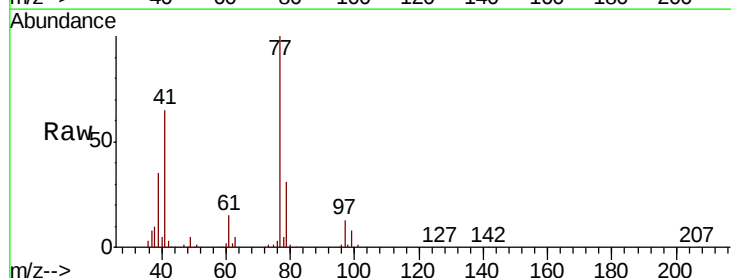
Acq: 10 Sep 2018 10:15

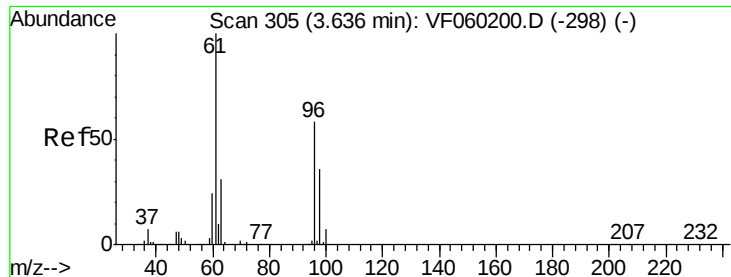
Tgt Ion: 77 Resp: 197757

Ion Ratio Lower Upper

77 100

97 12.7 7.5 22.5





#27

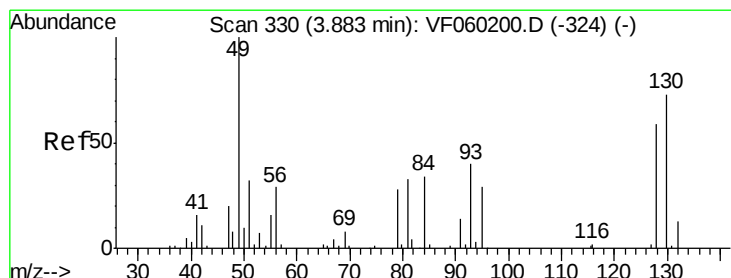
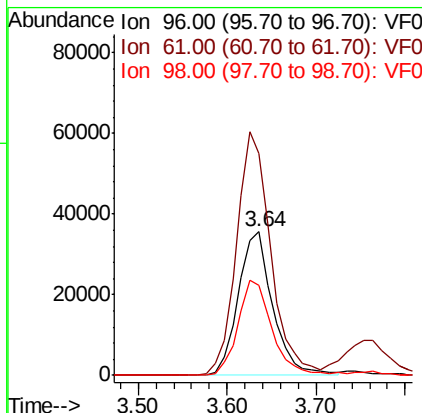
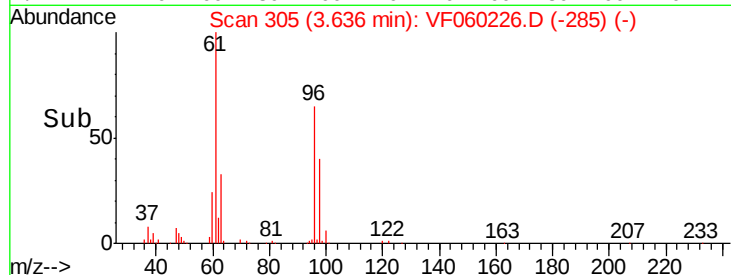
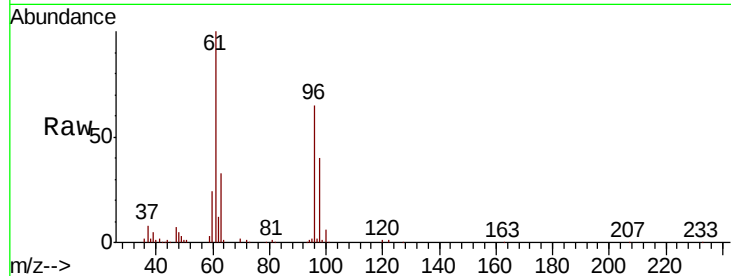
cis-1,2-Dichloroethene  
Concen: 57.26 ug/l  
RT: 3.64 min Scan# 305  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.6 | 0.0   | 345.2 |
| 98      | 62.6  | 0.0   | 124.6 |

Manual Integrations  
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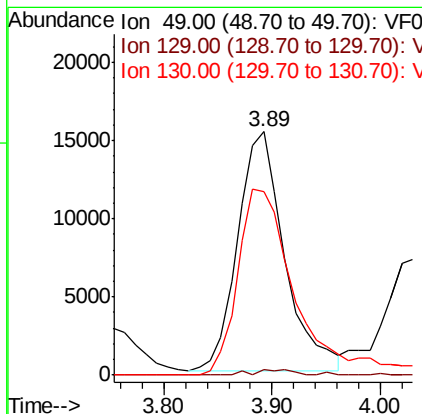
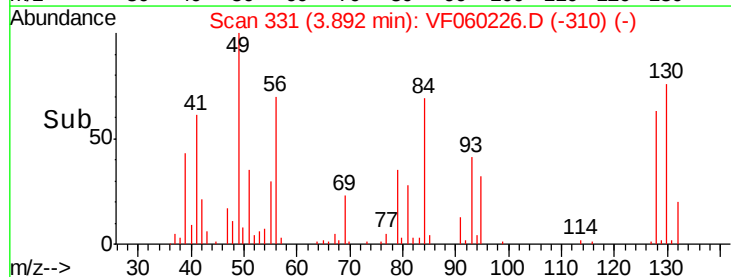
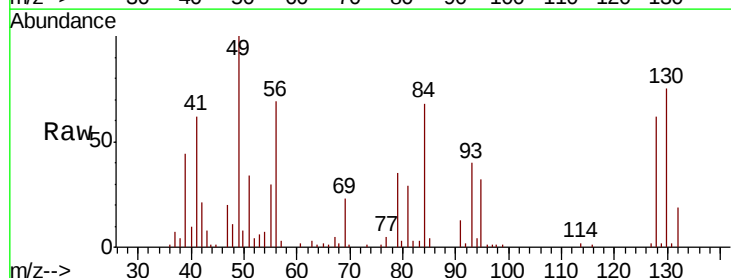
apatel  
9/11/2018 10:31:35 AM

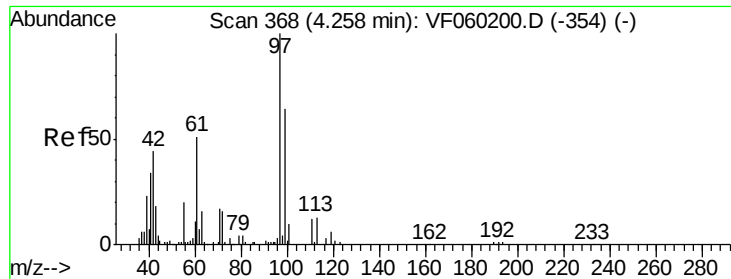


#28

Bromochloromethane  
Concen: 44.17 ug/l  
RT: 3.89 min Scan# 331  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 0.0#  |
| 130     | 75.5  | 57.8  | 86.6  |





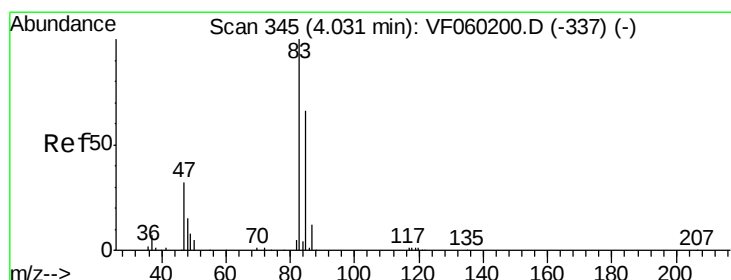
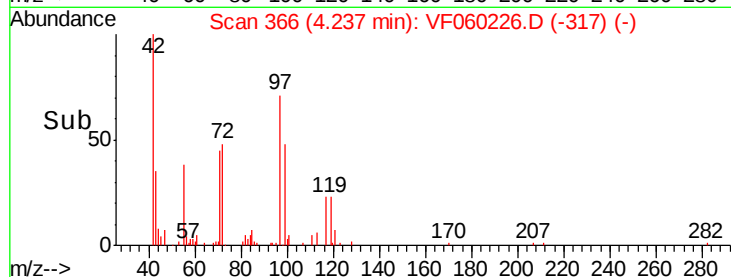
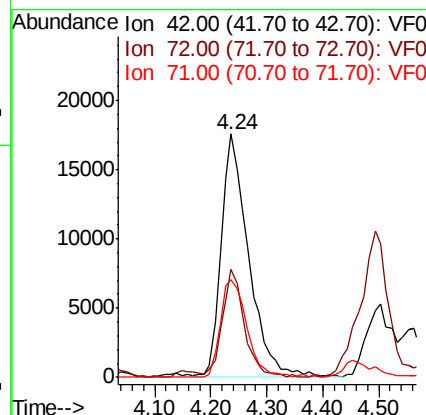
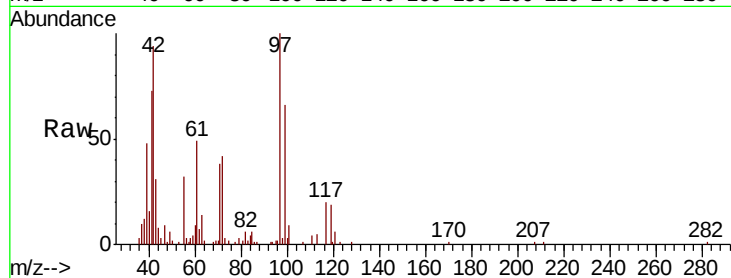
#29  
Tetrahydrofuran  
Concen: 214.70 ug/l  
RT: 4.24 min Scan# 366  
Delta R.T. -0.02 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 35.4  | 27.4  | 41.0  |
| 71      | 38.1  | 28.5  | 42.7  |

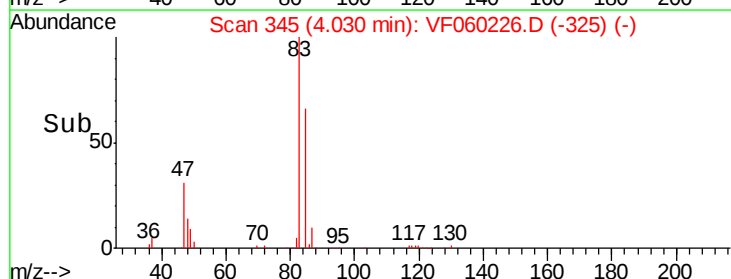
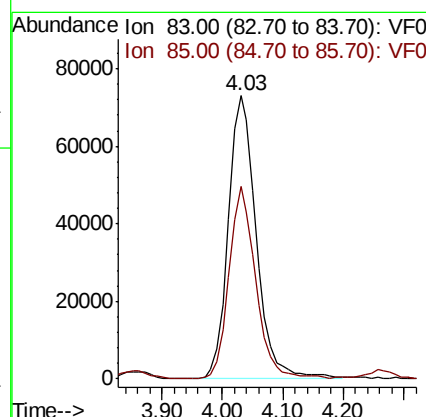
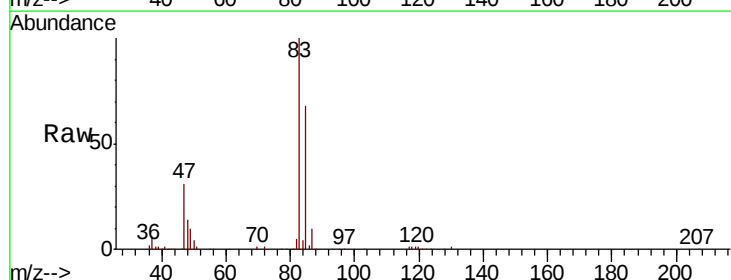
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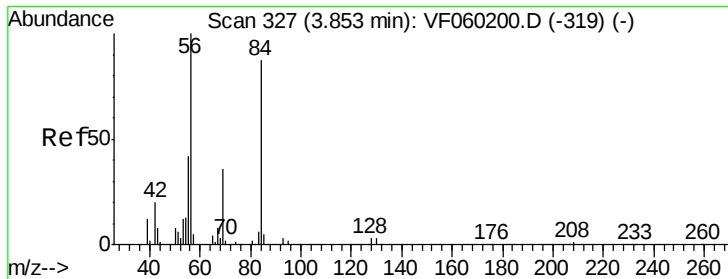
apatel  
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#30  
Chloroform  
Concen: 52.37 ug/l  
RT: 4.03 min Scan# 345  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 68.2  | 52.6  | 79.0  |





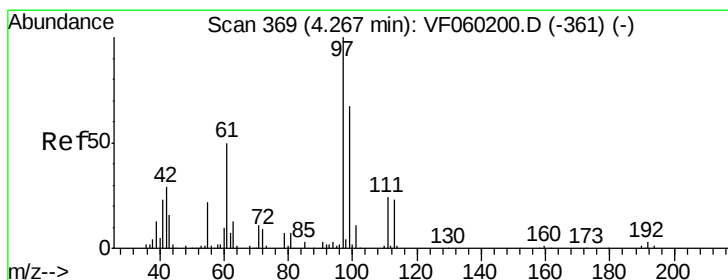
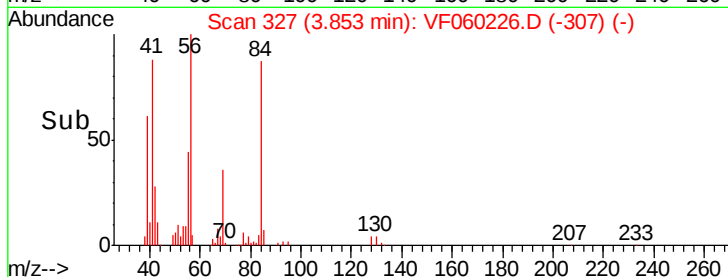
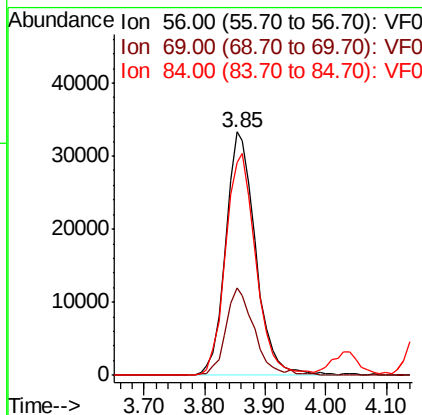
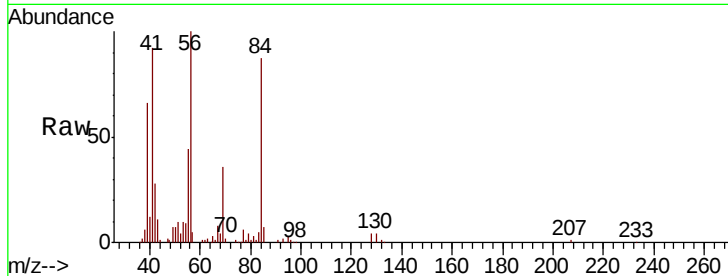
#31  
Cyclohexane  
Concen: 54.55 ug/l  
RT: 3.85 min Scan# 327  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 35.9  | 28.7  | 43.1  |
| 84      | 87.2  | 69.7  | 104.5 |

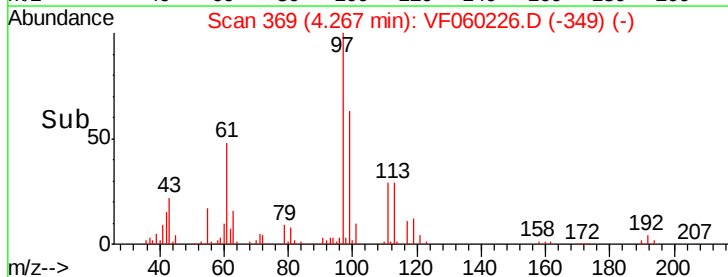
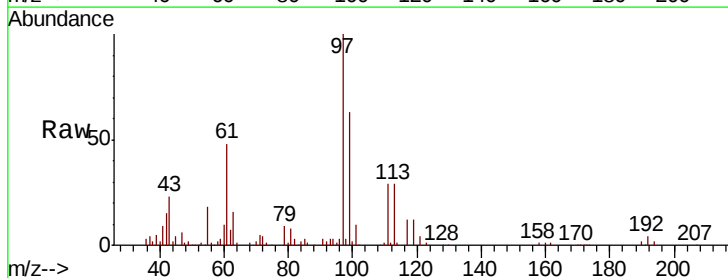
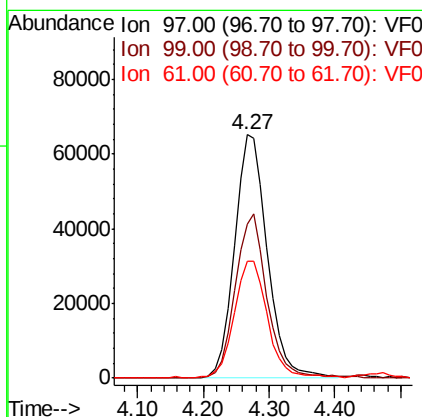
Manual Integrations  
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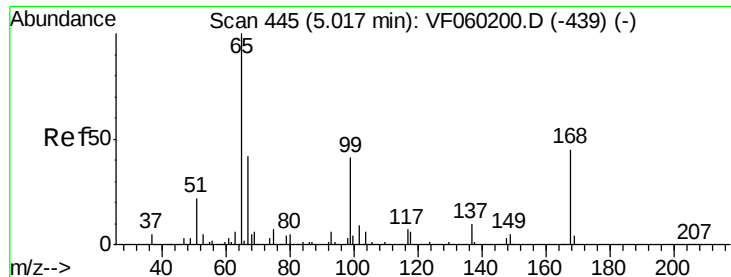
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 51.14 ug/l  
RT: 4.27 min Scan# 369  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.4  | 53.5  | 80.3  |
| 61      | 48.0  | 40.4  | 60.6  |





#33

1,2-Dichloroethane-d4

Concen: 43.67 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Tot Ion: 65 Resp: 132745

Ion Ratio Lower Upper

65 100

67 46.3 0.0 87.2

Instrument :

MSVOA\_F

ClientSampleId :

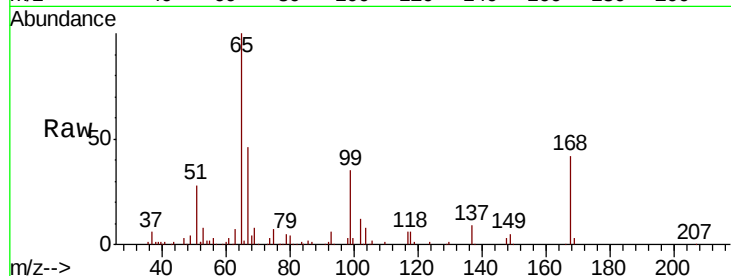
VSTDCCC050

Manual Integrations

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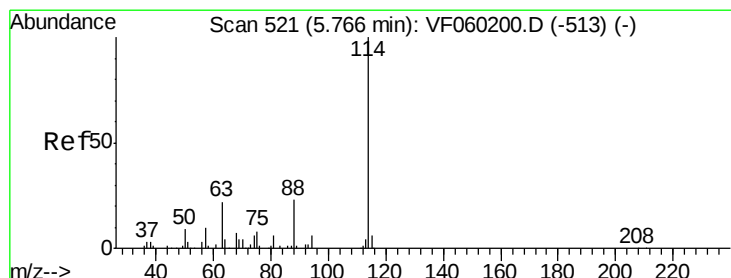
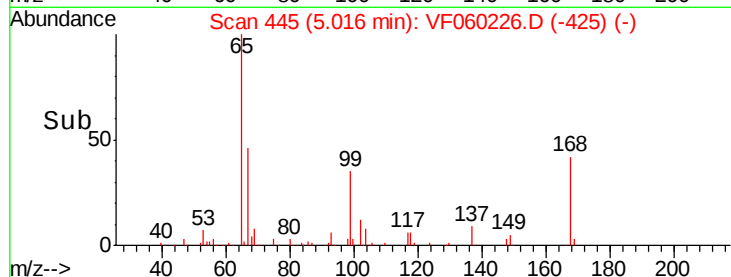
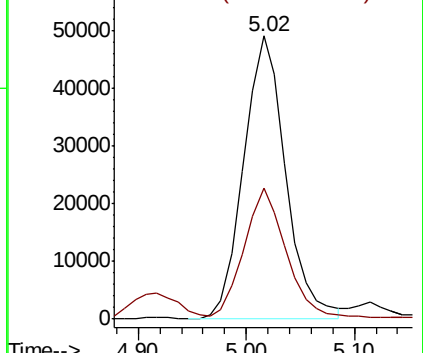
apatel

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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: 5.76 min Scan# 521

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

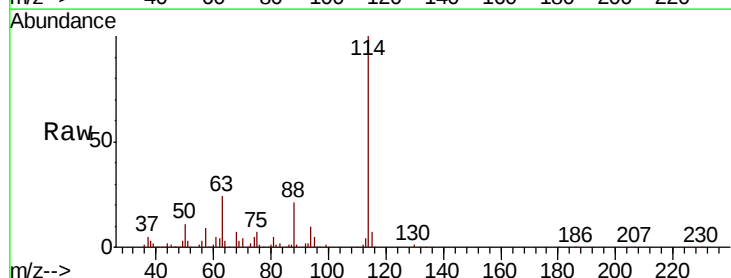
Tgt Ion: 114 Resp: 252091

Ion Ratio Lower Upper

114 100

63 24.4 0.0 45.6

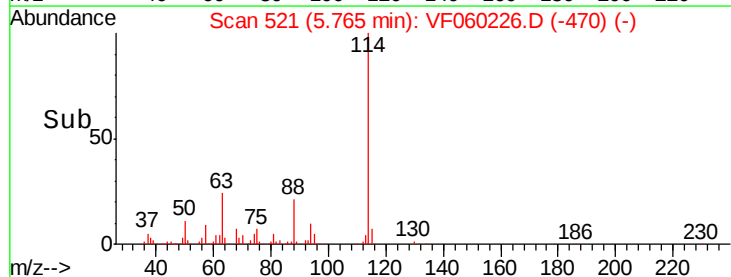
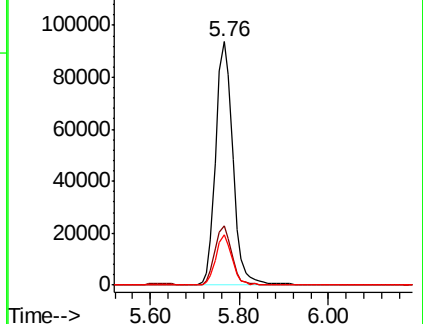
88 20.9 0.0 46.4

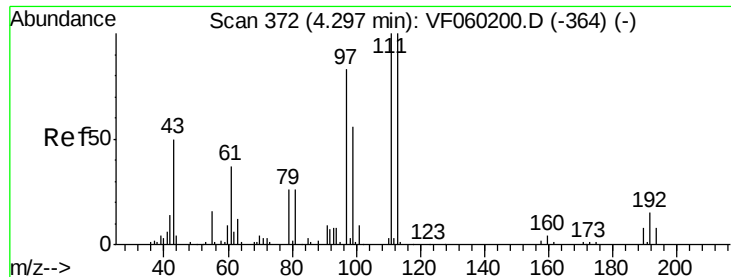


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





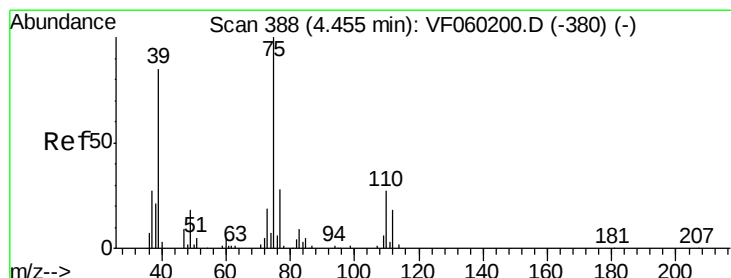
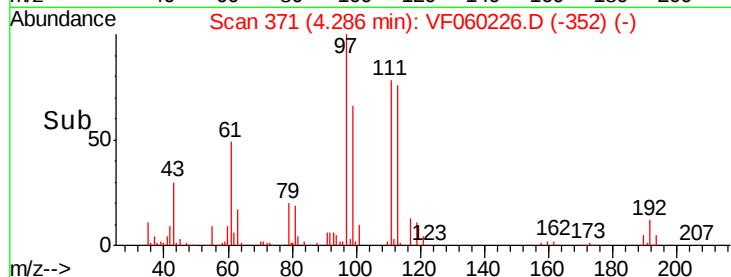
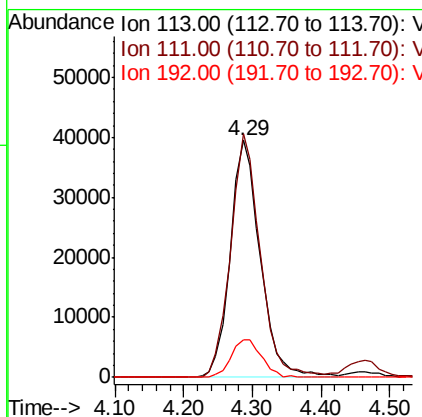
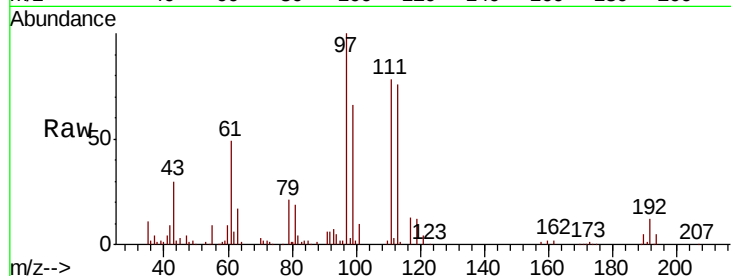
#35  
 Dibromofluoromethane  
 Concen: 48.18 ug/l  
 RT: 4.29 min Scan# 371  
 Delta R.T. -0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 118990 |       |       |
| 111     | 102.7 | 80.2   | 120.2 |       |
| 192     | 15.7  | 11.8   | 17.8  |       |

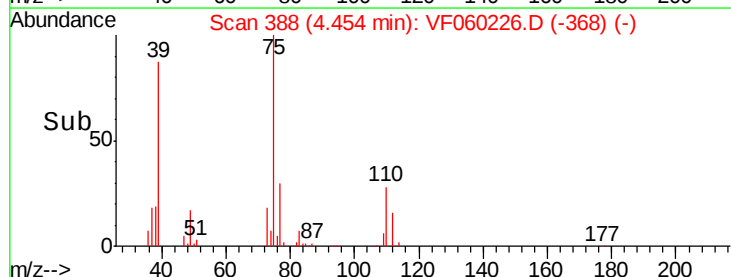
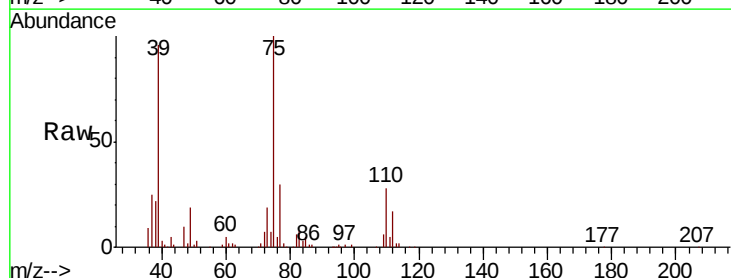
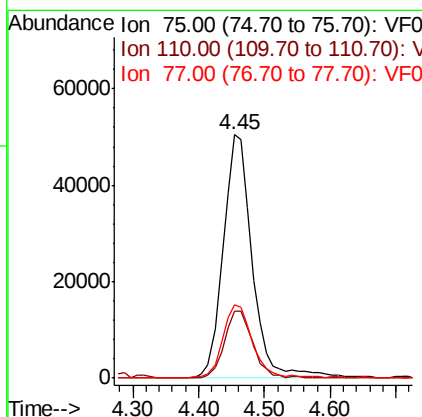
Manual Integrations  
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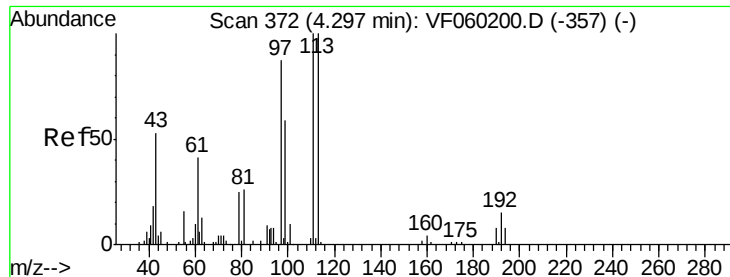
apatel  
 9/11/2018 10:31:35 AM



#36  
 1,1-Dichloropropene  
 Concen: 52.55 ug/l  
 RT: 4.45 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 155934 |       |       |
| 110     | 27.6  | 13.6   | 40.7  |       |
| 77      | 29.9  | 22.7   | 34.1  |       |





#37

Ethyl Acetate

Concen: 40.69 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.02 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

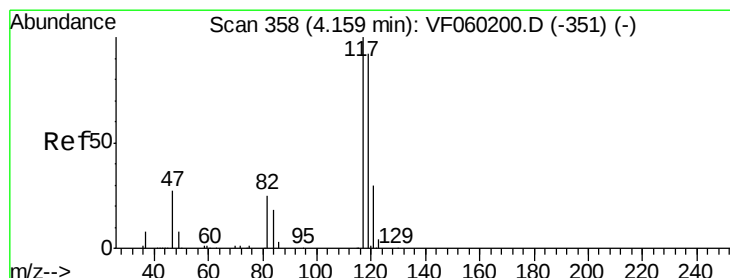
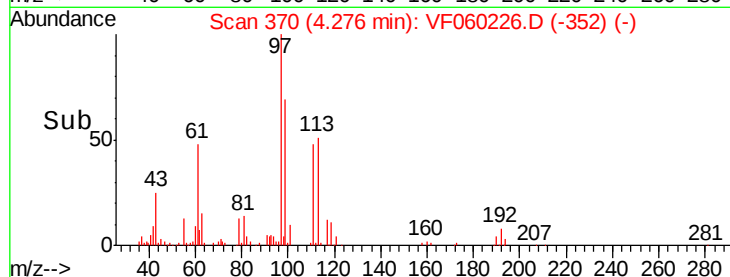
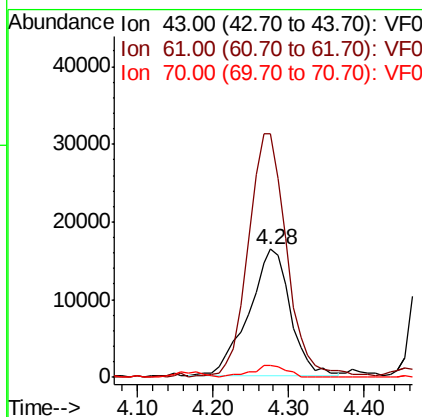
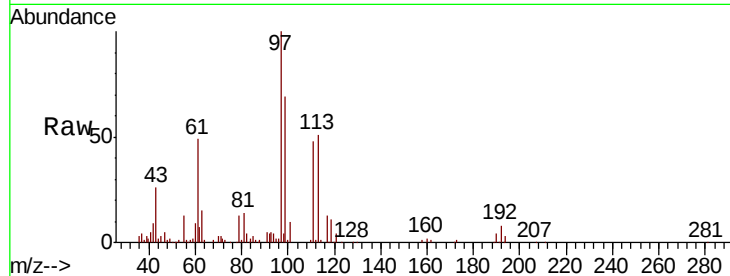
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 43    | Resp: | 61771 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 189.9 | 61.6  | 92.4# |
| 70        | 9.8   | 6.9   | 10.3  |

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#38

Carbon Tetrachloride

Concen: 50.49 ug/l

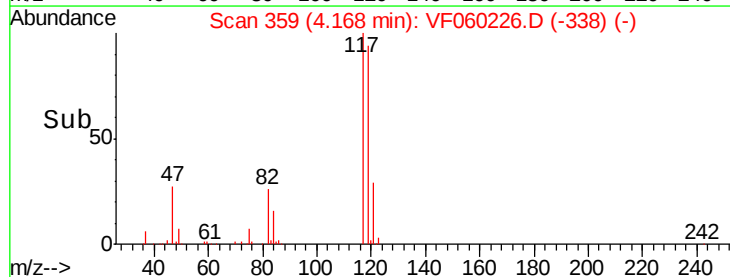
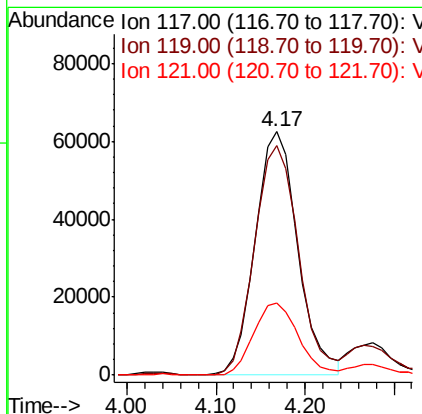
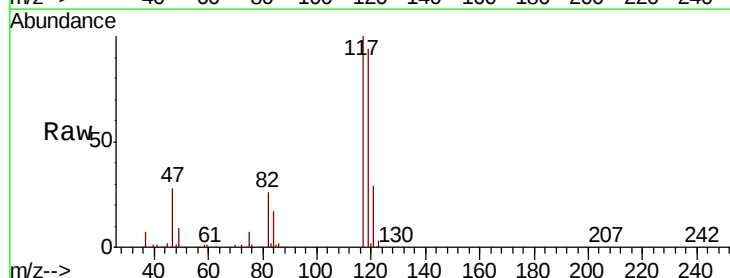
RT: 4.17 min Scan# 359

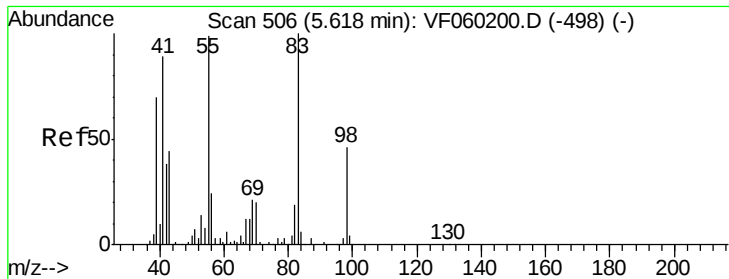
Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 205973 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.1  | 73.0  | 109.6  |
| 121       | 29.5  | 23.9  | 35.9   |





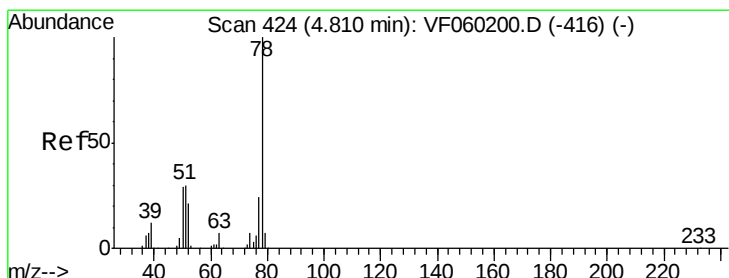
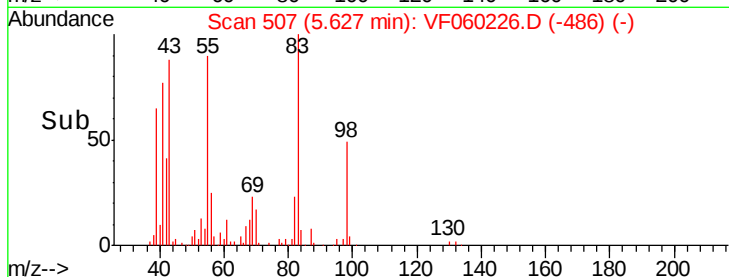
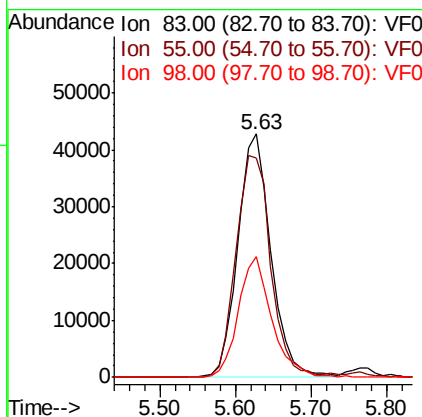
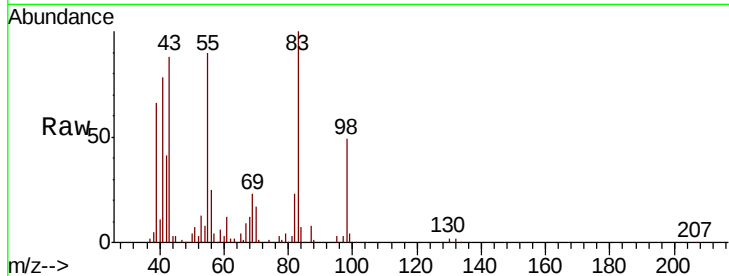
#39  
Methvlcvclohexane  
Concen: 52.17 ug/l  
RT: 5.63 min Scan# 507  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 90.0  | 79.0  | 118.4 |
| 98      | 49.3  | 36.7  | 55.1  |

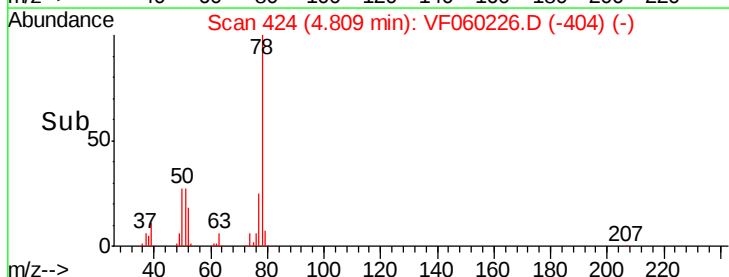
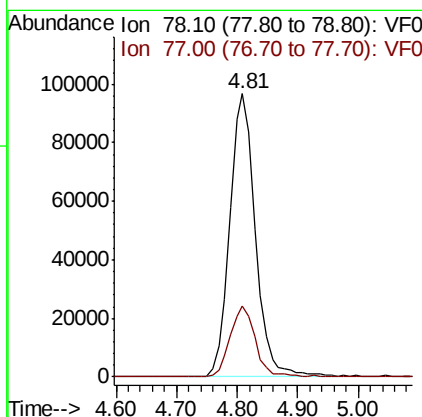
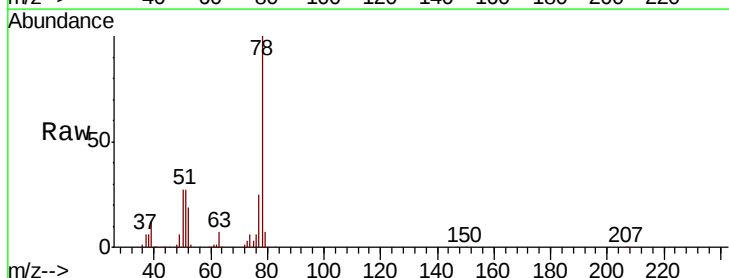
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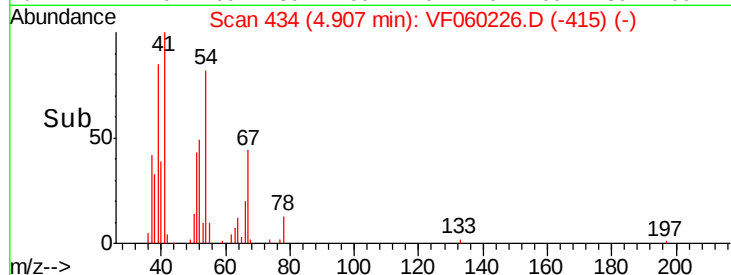
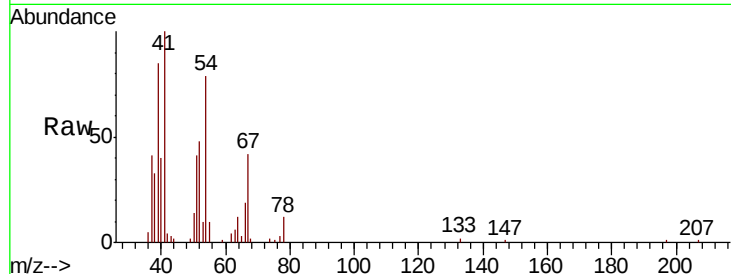
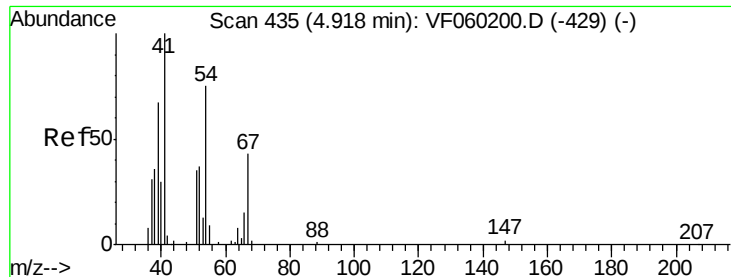
apatel  
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#40  
Benzene  
Concen: 53.68 ug/l  
RT: 4.81 min Scan# 424  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.0  | 19.0  | 28.4  |





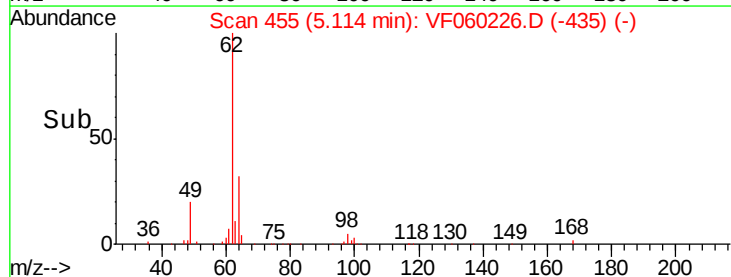
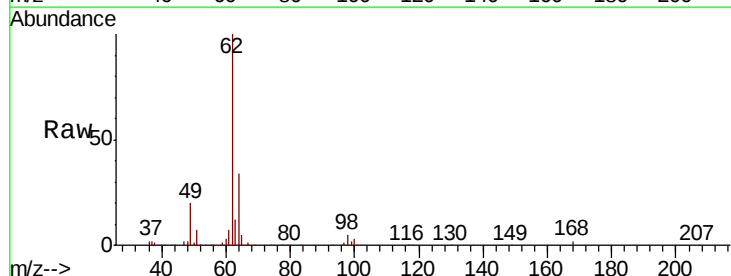
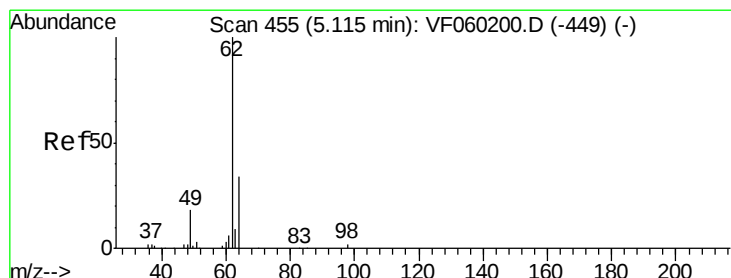
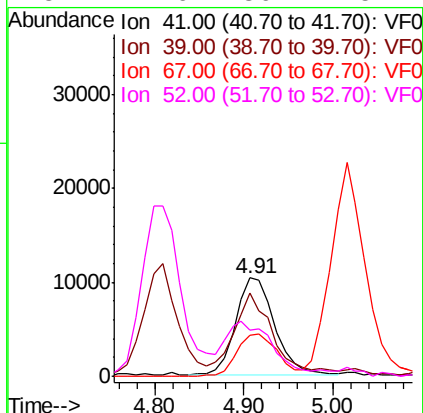
#41  
Methacrylonitrile  
Concen: 40.07 ug/l  
RT: 4.91 min Scan# 434  
Delta R.T. -0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 30923   | 41  | 100   |       |       |
|         | 39  | 85.0  | 57.4  | 86.2  |
|         | 67  | 42.1  | 34.6  | 52.0  |
|         | 52  | 47.6  | 36.2  | 54.4  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

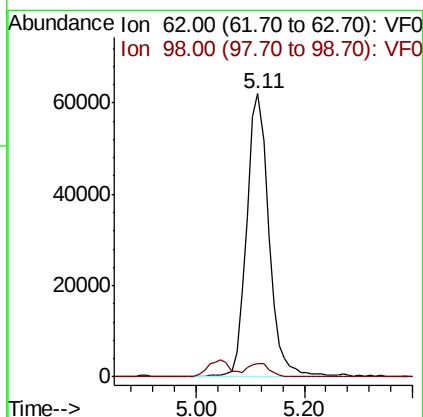
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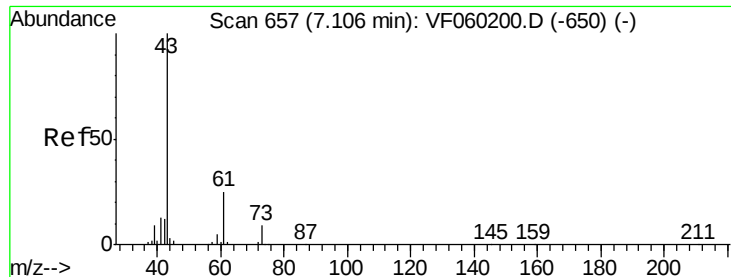
apatel  
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#42  
1,2-Dichloroethane  
Concen: 46.44 ug/l  
RT: 5.11 min Scan# 455  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 177425  | 62  | 100   |       |       |
|         | 98  | 4.8   | 0.0   | 8.8   |





#43

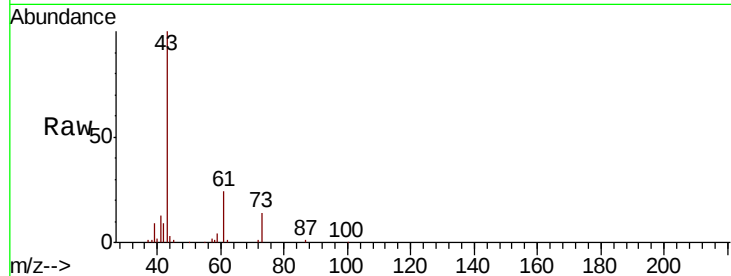
Isopropyl Acetate  
 Concen: 40.61 ug/l  
 RT: 7.11 min Scan# 657  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

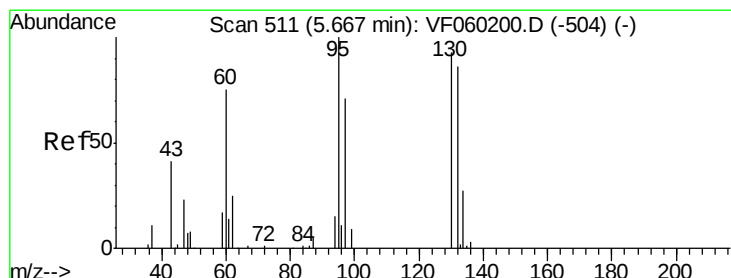
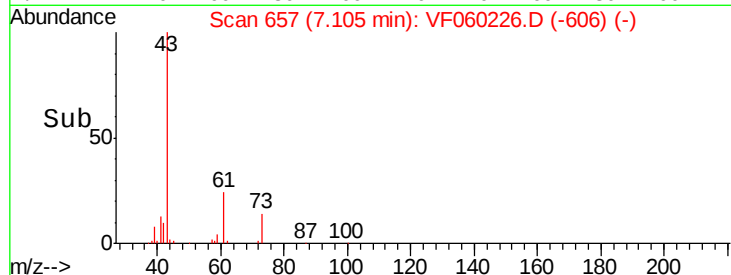
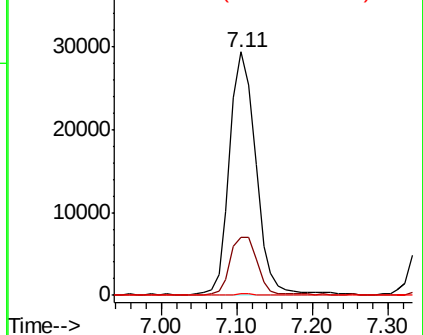
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 24.0  | 19.9  | 29.9  |
| 87      | 0.9   | 0.4   | 0.6   |

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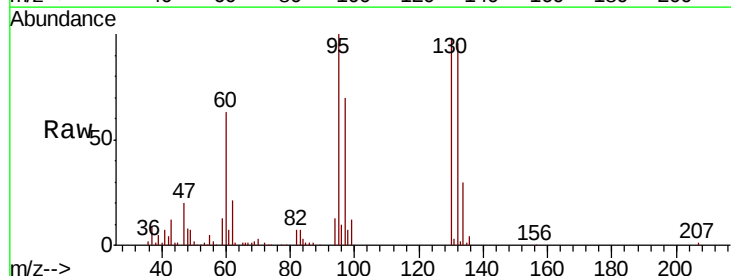
Abundance Ion 43.00 (42.70 to 43.70): VF0  
 Ion 61.00 (60.70 to 61.70): VF0  
 Ion 87.00 (86.70 to 87.70): VF0



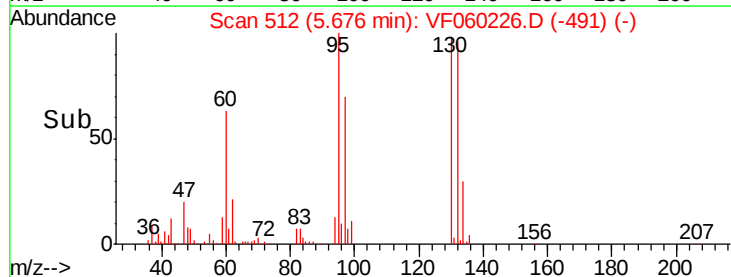
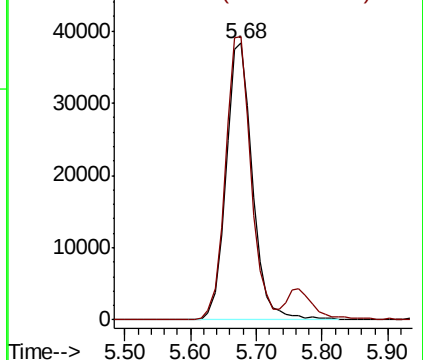
#44

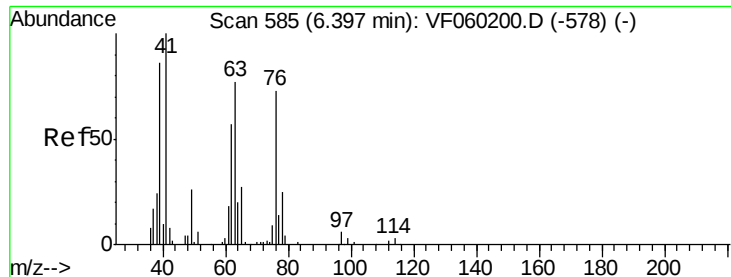
Trichloroethene  
 Concen: 50.12 ug/l  
 RT: 5.68 min Scan# 512  
 Delta R.T. 0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.3 | 0.0   | 215.4 |



Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 50.99 ug/l

RT: 6.40 min Scan# 585

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 76619

Ion Ratio Lower Upper

63 100

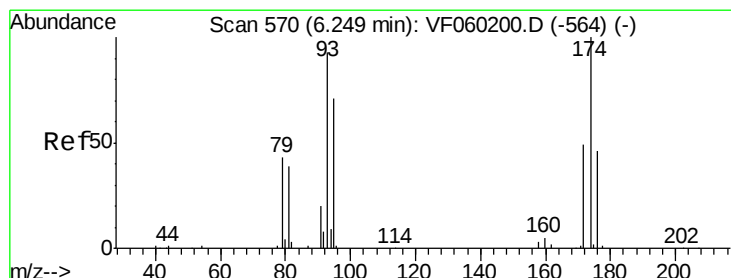
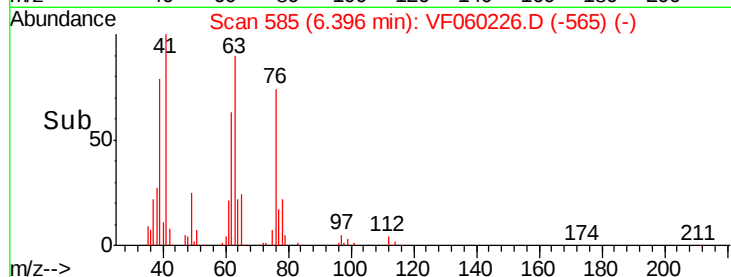
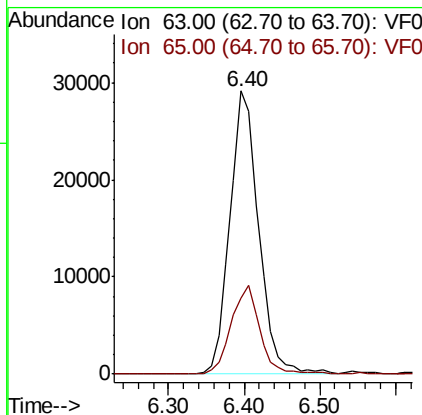
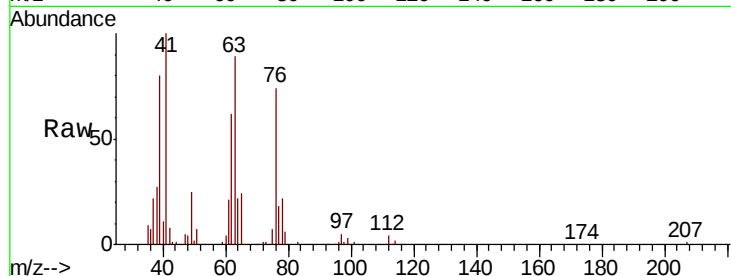
65 26.9 27.9 41.9#

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#46

Dibromomethane

Concen: 49.95 ug/l

RT: 6.25 min Scan# 570

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

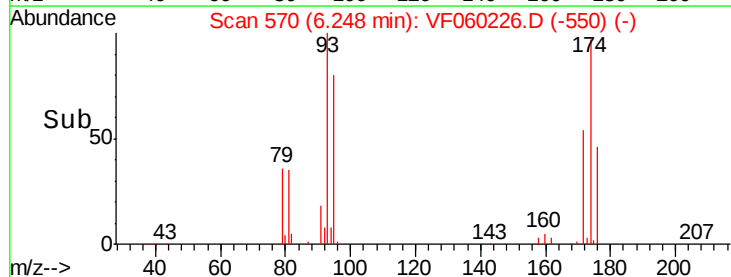
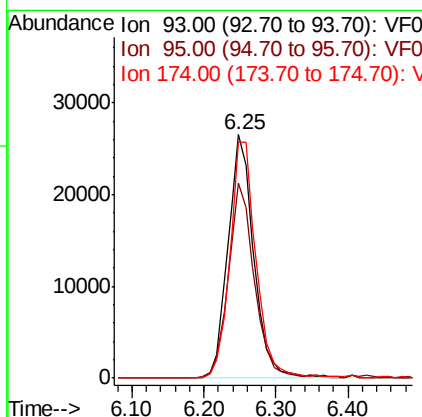
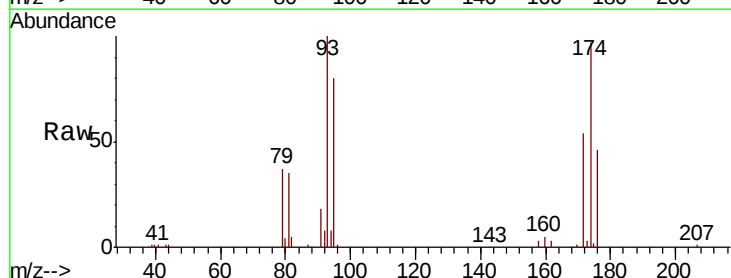
Tgt Ion: 93 Resp: 66087

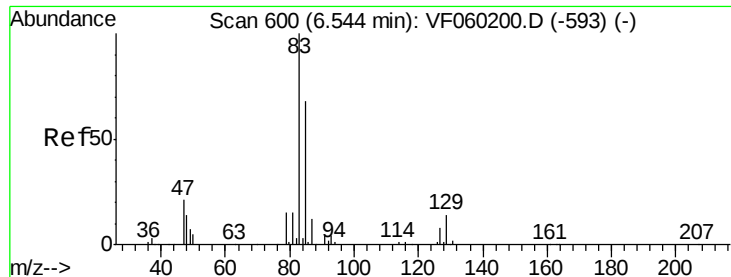
Ion Ratio Lower Upper

93 100

95 80.0 61.4 92.2

174 96.9 85.9 128.9





#47

Bromodichloromethane

Concen: 48.65 ug/l

RT: 6.54 min Scan# 600

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

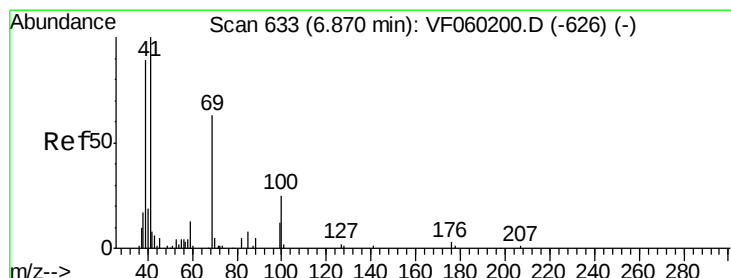
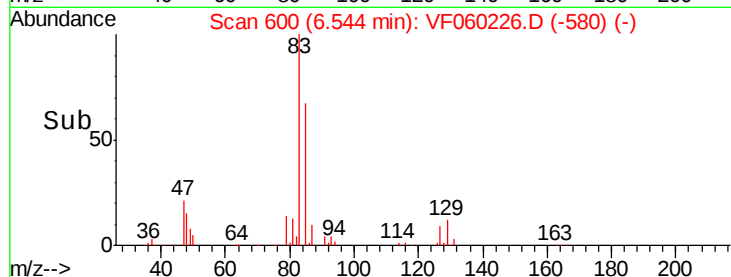
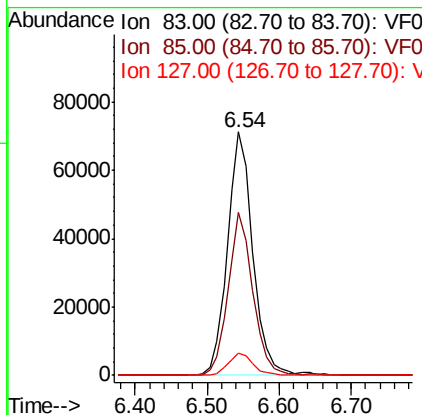
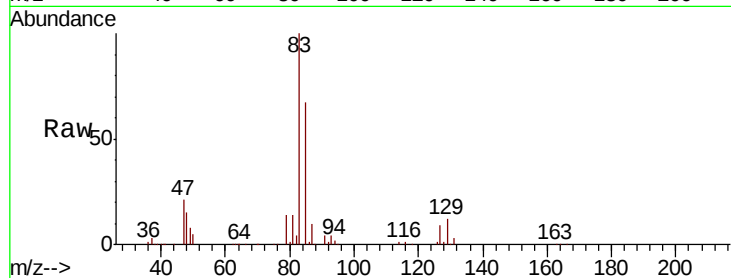
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 174703 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 67.0  | 54.0  | 81.0   |
| 127      | 9.3   | 6.6   | 9.8    |

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#48

Methyl methacrylate

Concen: 40.97 ug/l

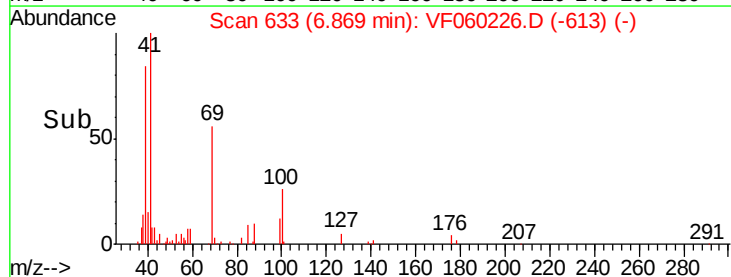
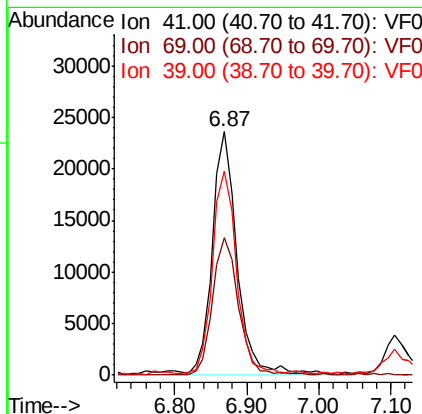
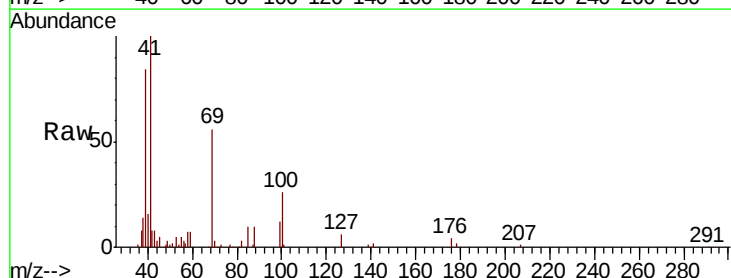
RT: 6.87 min Scan# 633

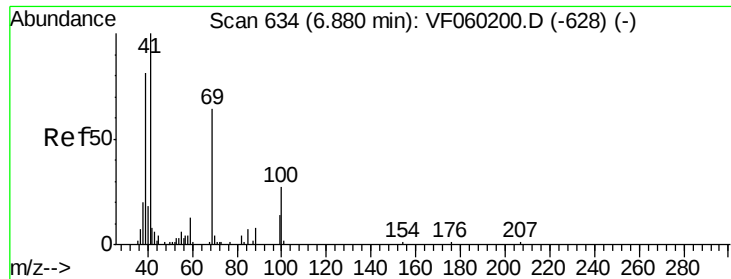
Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 56167 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 56.4  | 50.4  | 75.6  |
| 39       | 83.7  | 70.6  | 106.0 |





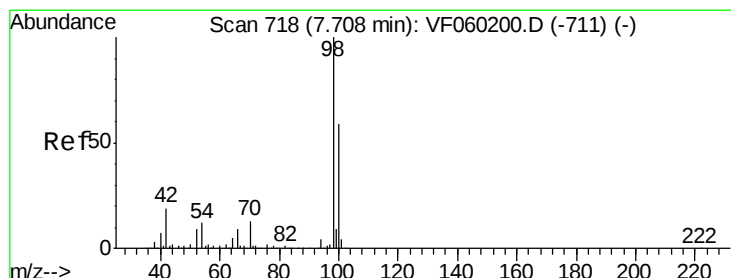
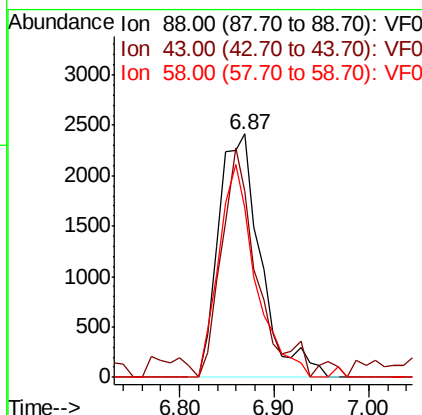
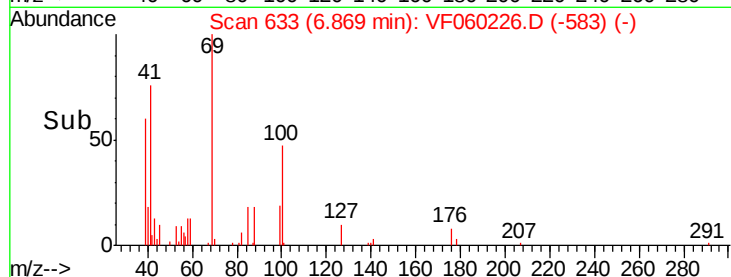
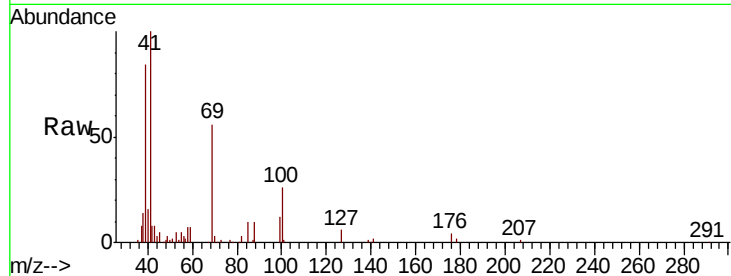
#49  
1,4-Dioxane  
Concen: 369.34 ug/l  
RT: 6.87 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | 88    | Resp  | 7440  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 76.6  | 68.1  | 102.1 |
| 58      | 69.4  | 38.1  | 57.1# |

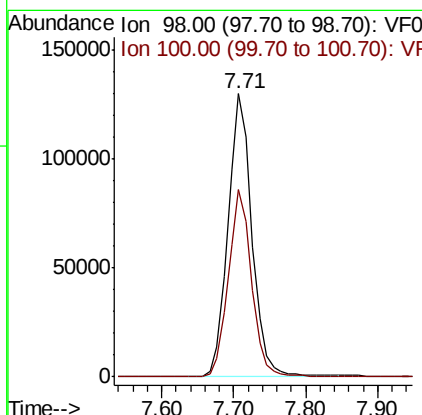
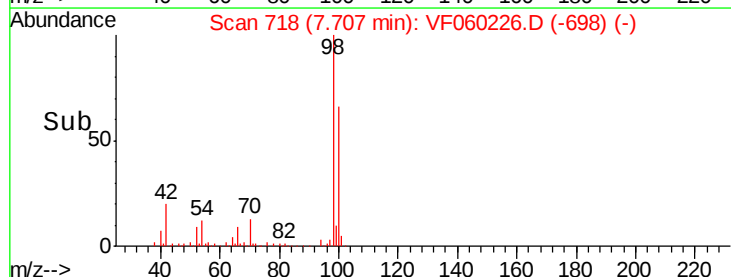
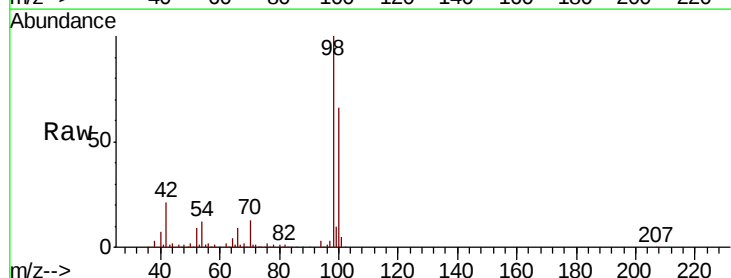
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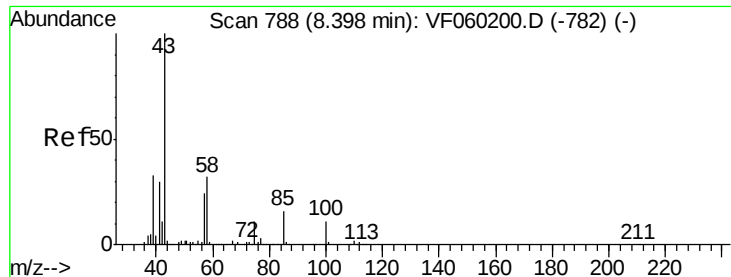
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#50  
Toluene-d8  
Concen: 48.60 ug/l  
RT: 7.71 min Scan# 718  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | 98    | Resp  | 299526 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.3  | 47.4  | 71.0   |





#51

4-Methyl-2-Pentanone

Concen: 200.63 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 307643

Ion Ratio Lower Upper

43 100

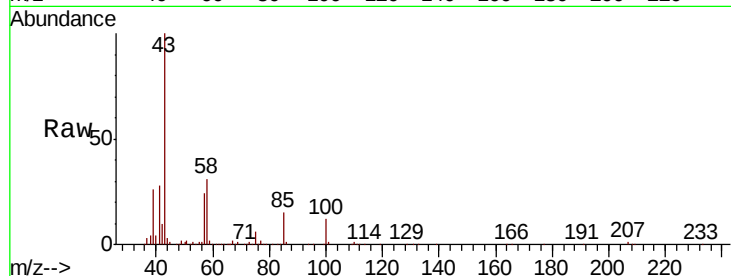
58 31.3 25.8 38.6

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

150000

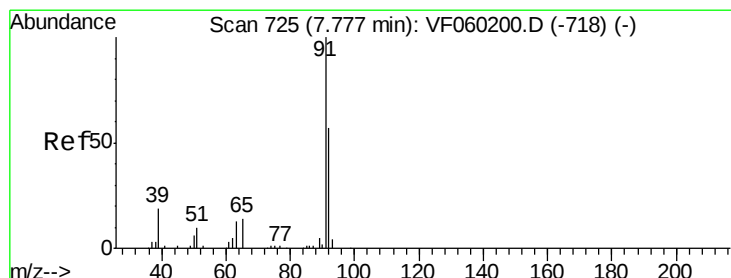
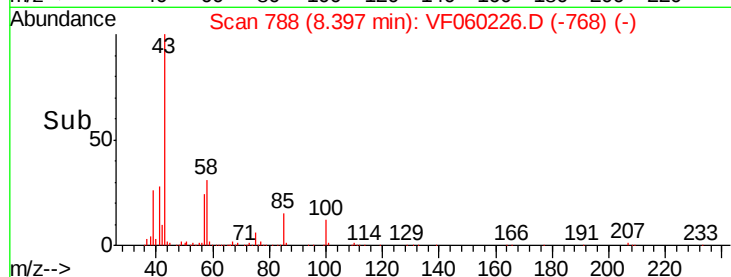
100000

50000

0

8.30 8.40 8.50

Time-->



#52

Toluene

Concen: 50.42 ug/l

RT: 7.78 min Scan# 725

Delta R.T. -0.00 min

Lab File: VF060226.D

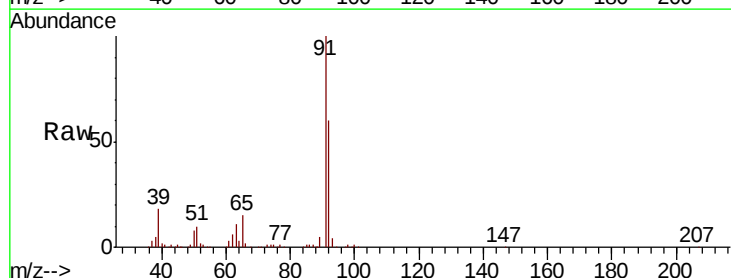
Acq: 10 Sep 2018 10:15

Tgt Ion: 92 Resp: 206423

Ion Ratio Lower Upper

92 100

91 166.1 140.0 210.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

150000

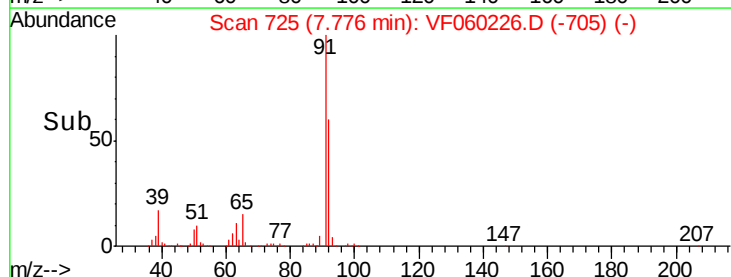
100000

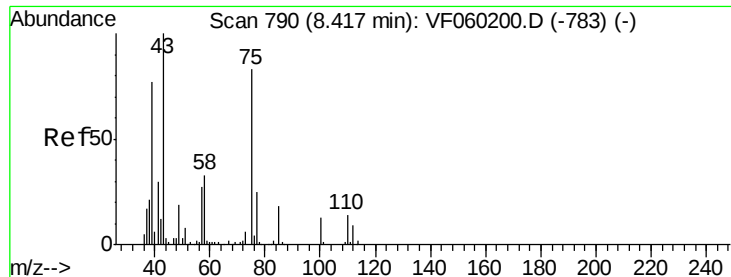
50000

0

7.60 7.70 7.80 7.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.10 ug/l

RT: 8.43 min Scan# 791

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 145145

Ion Ratio Lower Upper

75 100

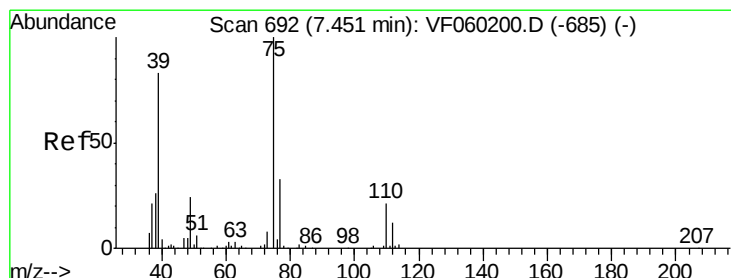
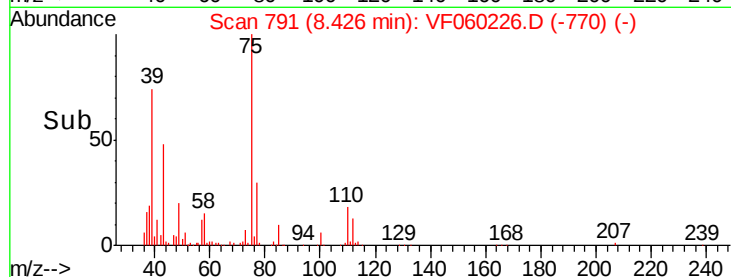
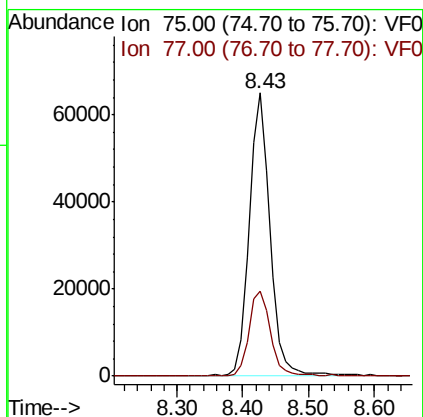
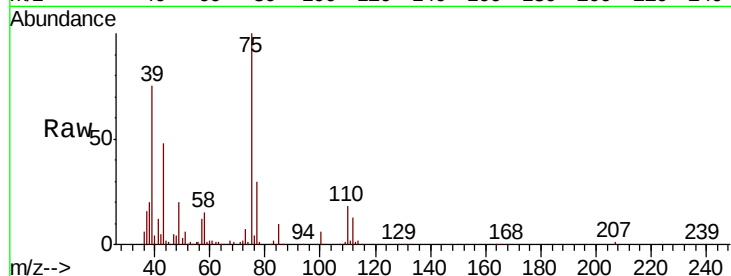
77 30.2 24.3 36.5

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#54

cis-1,3-Dichloropropene

Concen: 50.06 ug/l

RT: 7.45 min Scan# 692

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

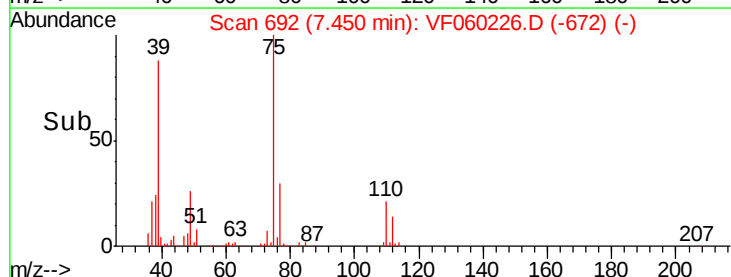
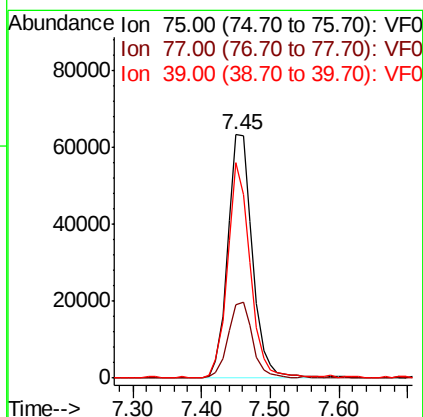
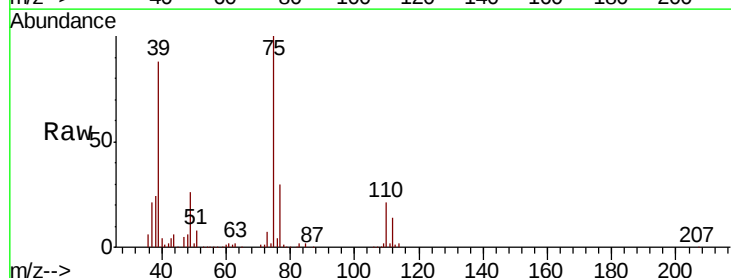
Tgt Ion: 75 Resp: 156810

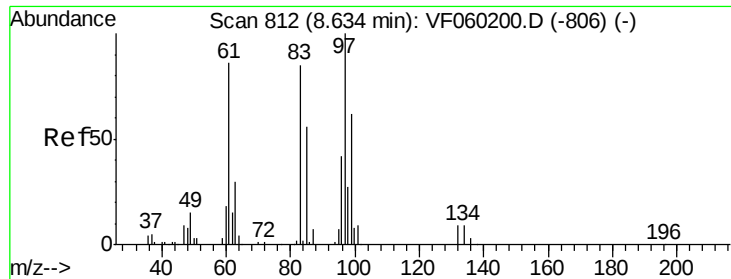
Ion Ratio Lower Upper

75 100

77 30.4 26.6 39.8

39 88.4 66.6 100.0





#55

1,1,2-Trichloroethane

Concen: 45.85 ug/l

RT: 8.63 min Scan# 812

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

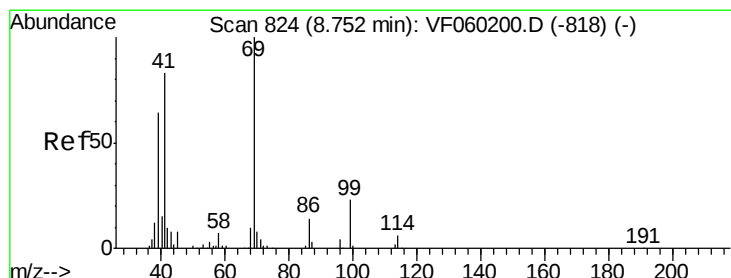
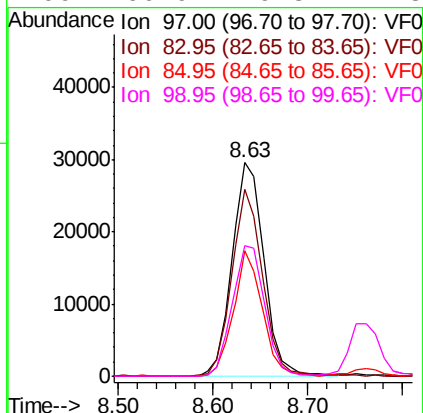
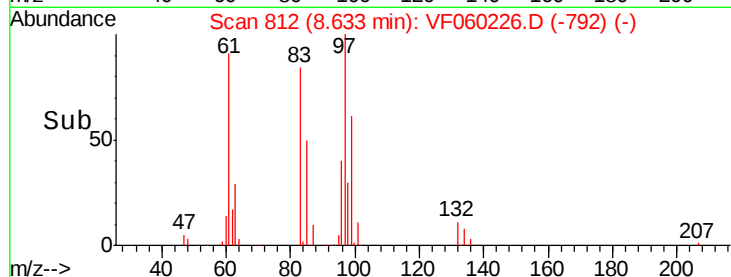
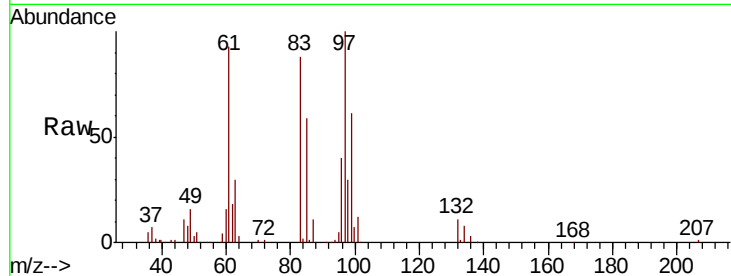
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 69045 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.6  | 68.1  | 102.1 |
| 85       | 58.7  | 44.6  | 66.8  |
| 99       | 60.9  | 49.8  | 74.8  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 44.72 ug/l

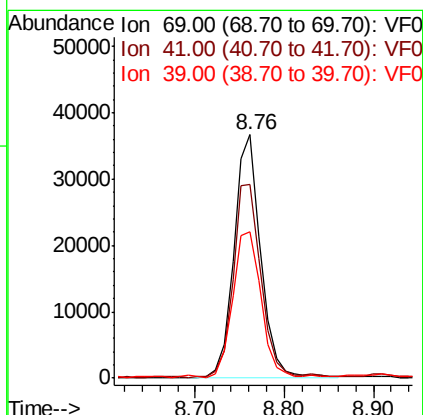
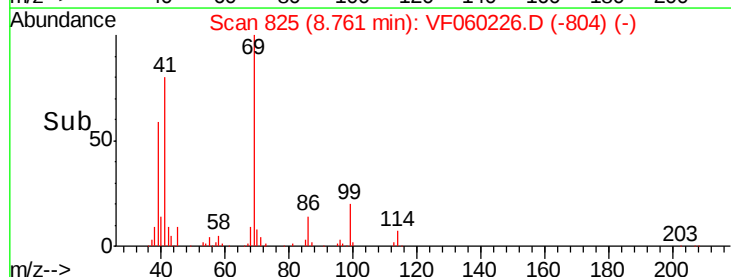
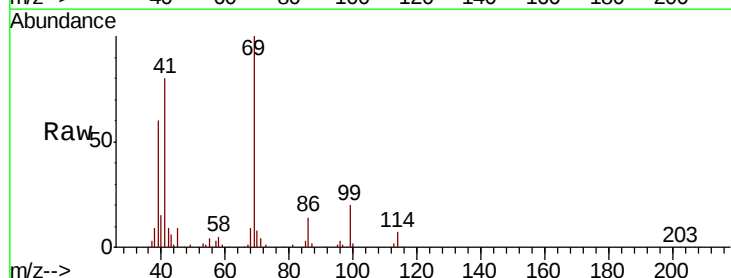
RT: 8.76 min Scan# 825

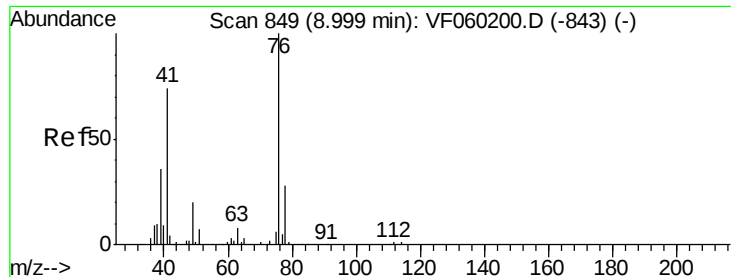
Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 76981 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 79.6  | 66.6  | 100.0 |
| 39       | 60.4  | 51.5  | 77.3  |





#57

1,3-Dichloropropane

Concen: 46.33 ug/l

RT: 9.00 min Scan# 849

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 124033

Ion Ratio Lower Upper

76 100

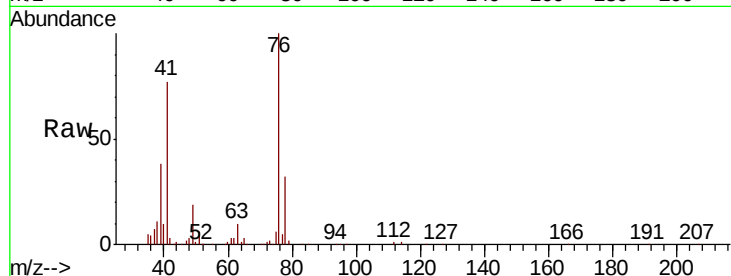
78 31.9 22.8 34.2

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Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

60000

50000

40000

30000

20000

10000

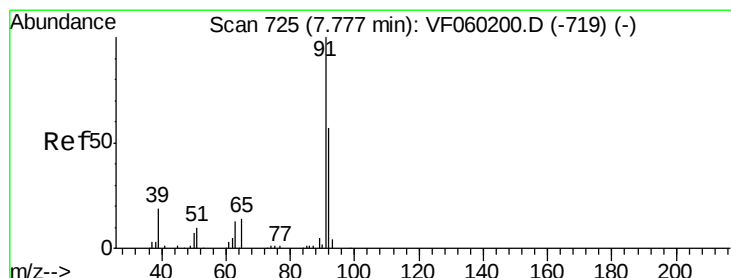
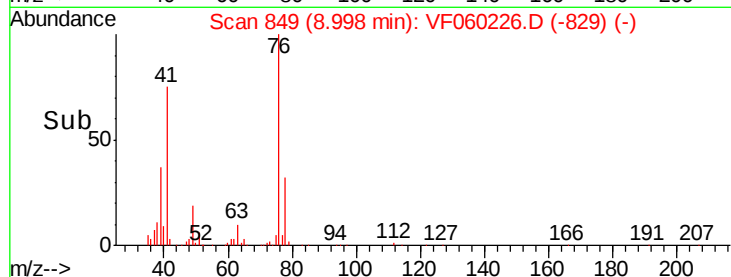
0

8.90

9.00

9.10

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 238.40 ug/l

RT: 7.78 min Scan# 725

Delta R.T. -0.00 min

Lab File: VF060226.D

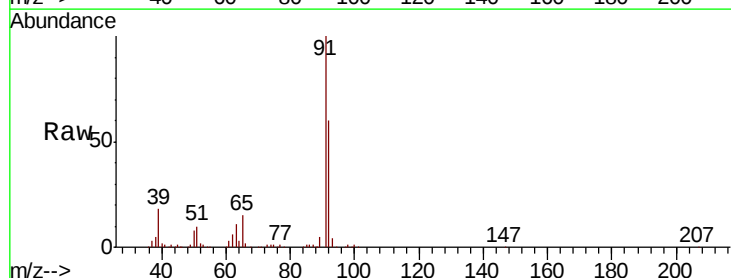
Acq: 10 Sep 2018 10:15

Tgt Ion: 63 Resp: 44132

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

20000

15000

10000

5000

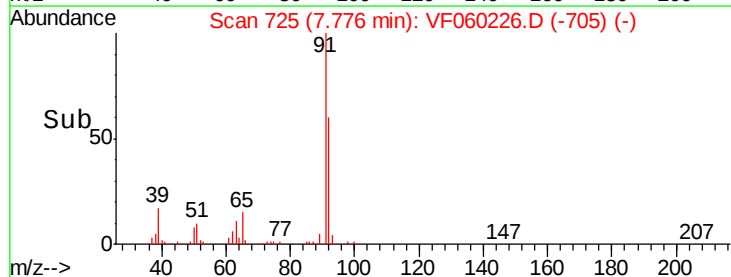
0

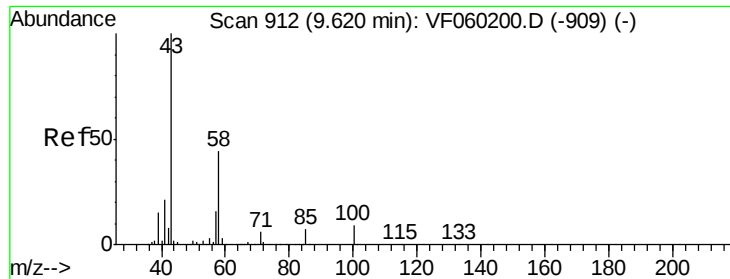
7.70

7.80

7.90

Time-->





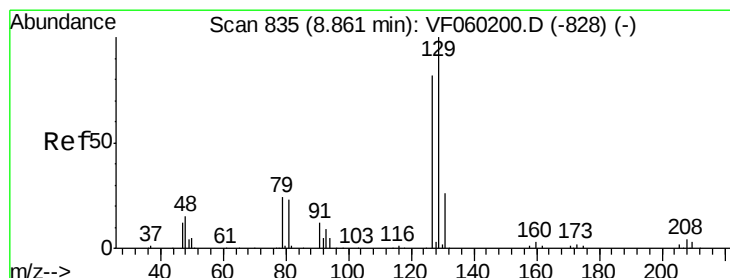
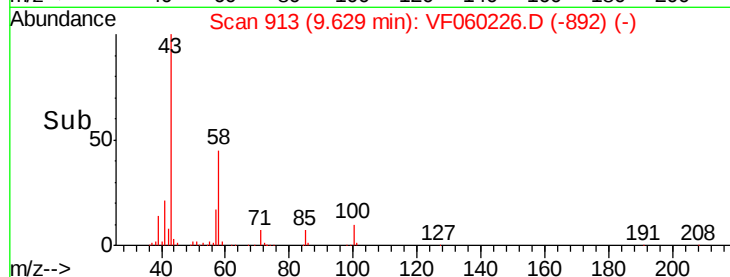
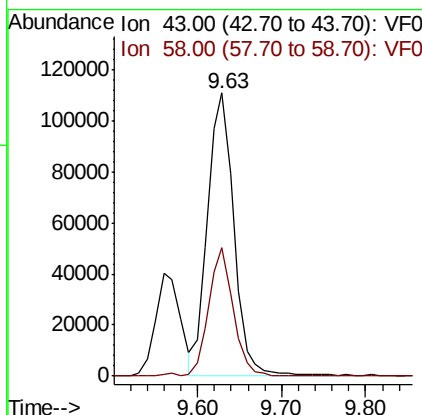
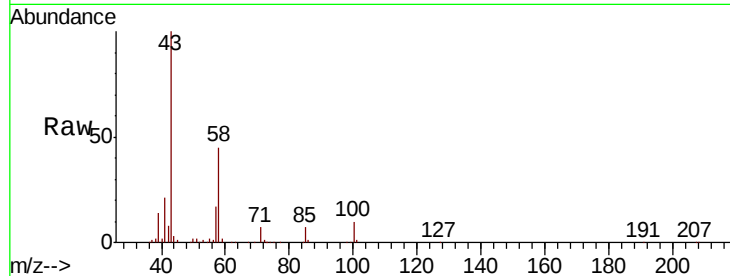
#59  
2-Hexanone  
Concen: 208.60 ug/l  
RT: 9.63 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 45.2  | 20.8  | 62.5  |

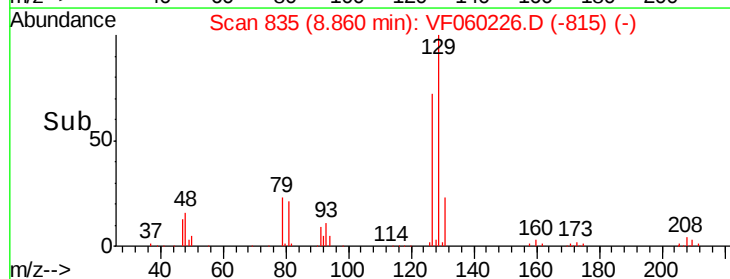
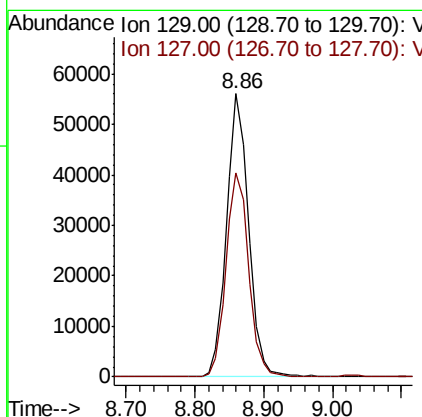
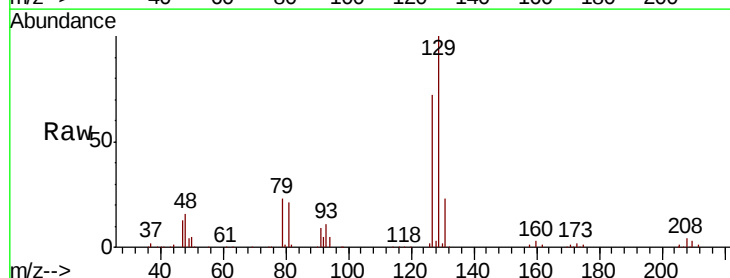
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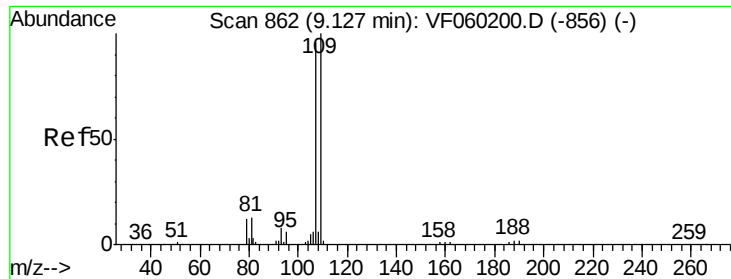
apatel  
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#60  
Dibromochloromethane  
Concen: 49.81 ug/l  
RT: 8.86 min Scan# 835  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 72.3  | 40.9  | 122.8 |





#61

1,2-Dibromoethane

Concen: 46.20 ug/l

RT: 9.14 min Scan# 863

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 83447

Ion Ratio Lower Upper

107 100

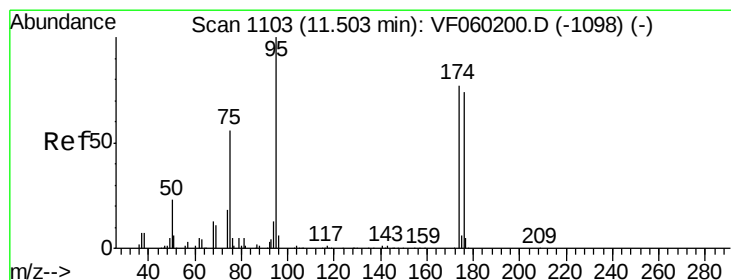
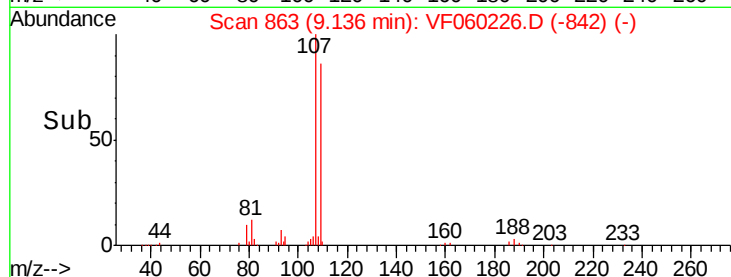
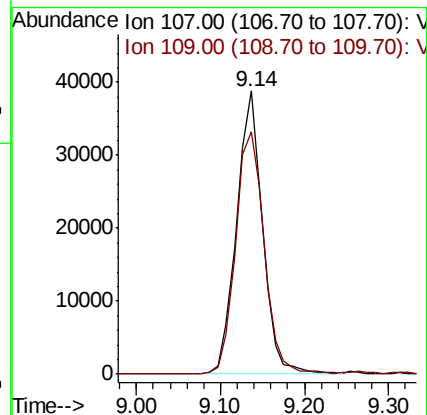
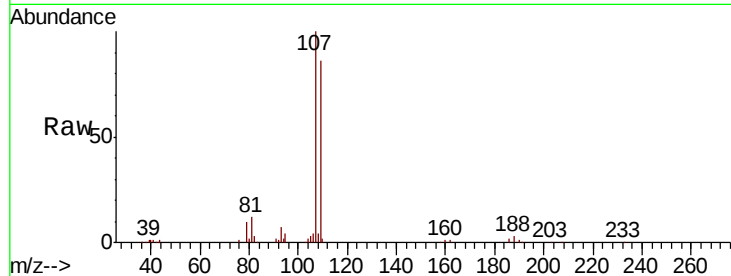
109 85.6 83.0 124.4

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#62

4-Bromofluorobenzene

Concen: 46.11 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

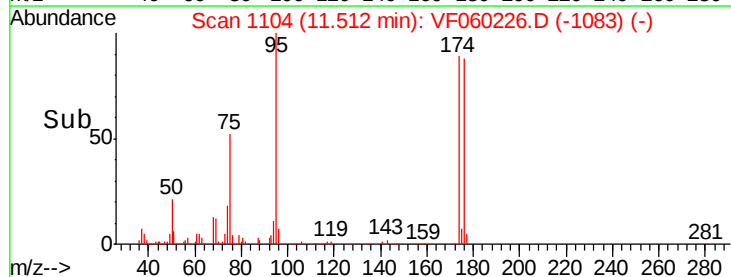
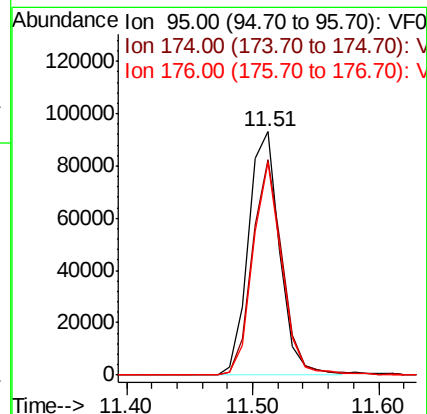
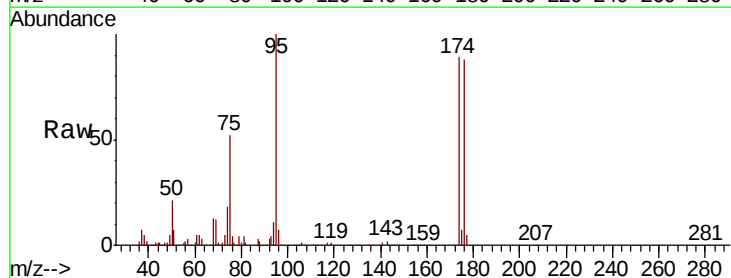
Tgt Ion: 95 Resp: 160338

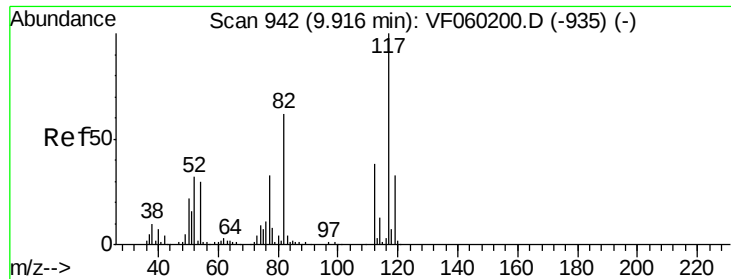
Ion Ratio Lower Upper

95 100

174 88.6 0.0 153.2

176 87.6 0.0 147.2





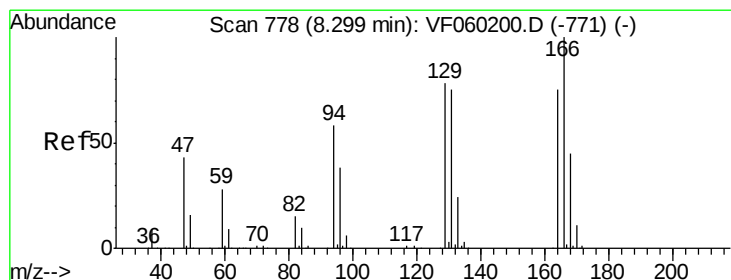
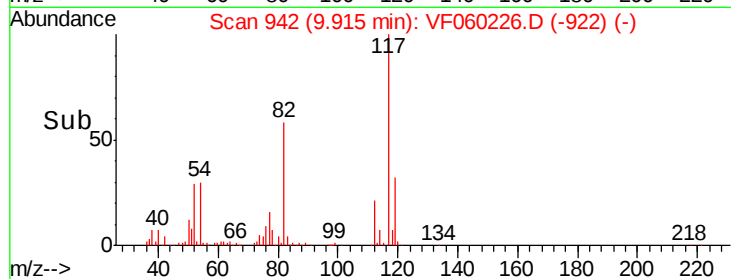
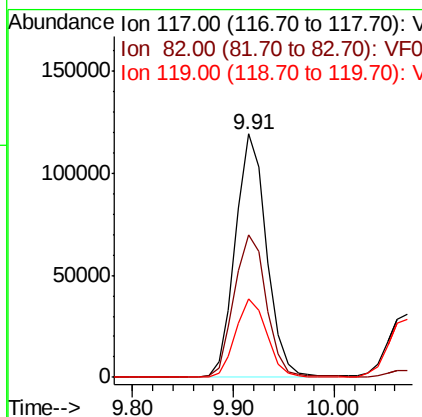
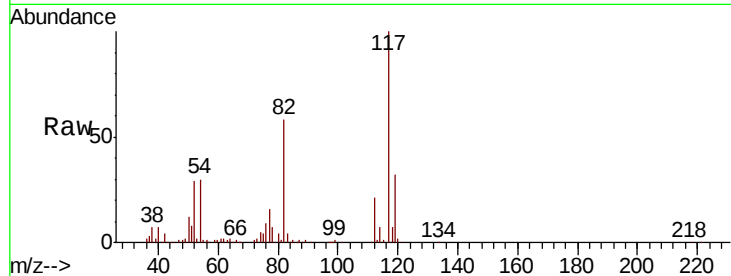
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.91 min Scan# 942  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 258538 |       |       |
| 82      | 58.4  |        | 49.3  | 73.9  |
| 119     | 32.5  |        | 26.5  | 39.7  |

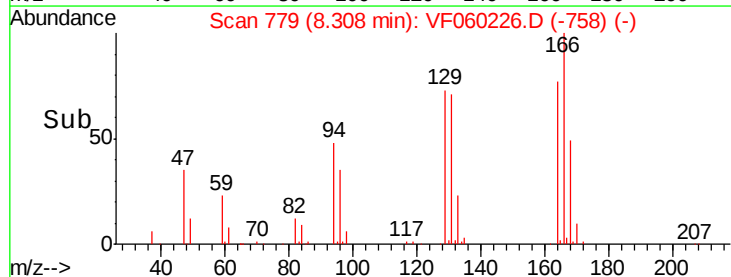
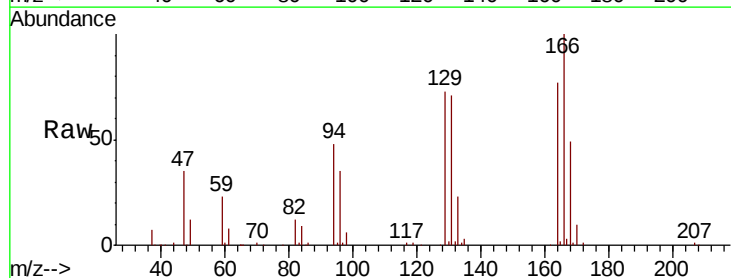
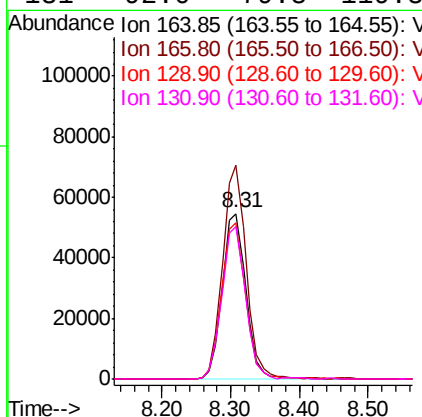
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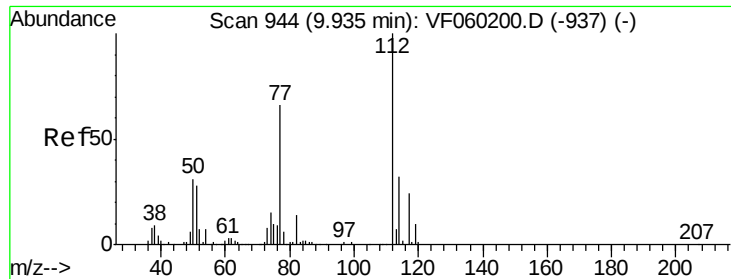
apatel  
9/11/2018 10:31:35 AM



#64  
Tetrachloroethene  
Concen: 49.09 ug/l  
RT: 8.31 min Scan# 779  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 130222 |       |       |
| 166     | 129.1 |        | 107.0 | 160.4 |
| 129     | 94.7  |        | 83.0  | 124.6 |
| 131     | 92.0  |        | 79.8  | 119.8 |





#65

Chlorobenzene

Concen: 50.53 ug/l

RT: 9.94 min Scan# 945

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 270374

Ion Ratio Lower Upper

112 100

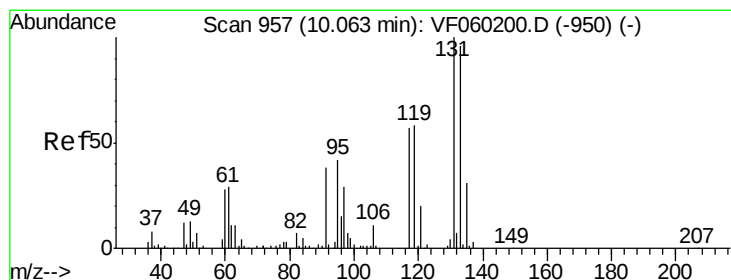
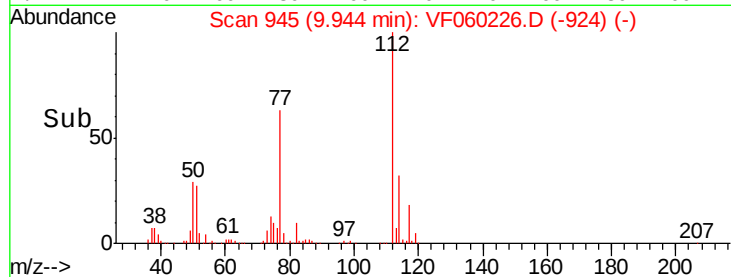
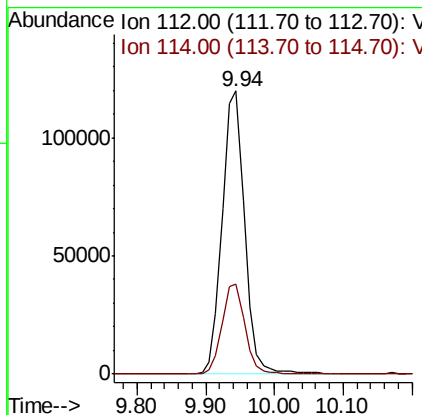
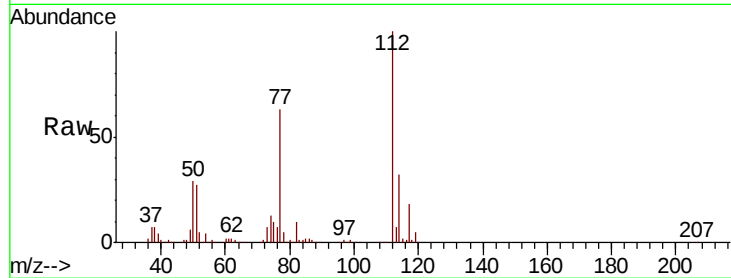
114 32.0 25.7 38.5

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 46.59 ug/l

RT: 10.07 min Scan# 958

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

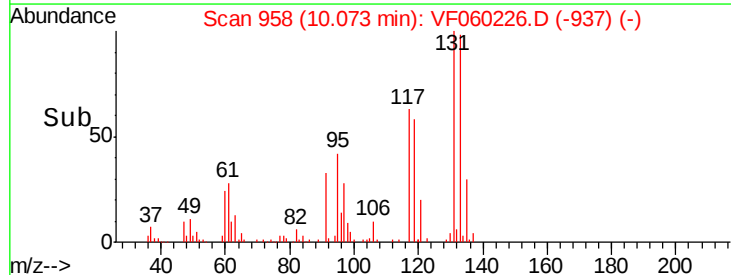
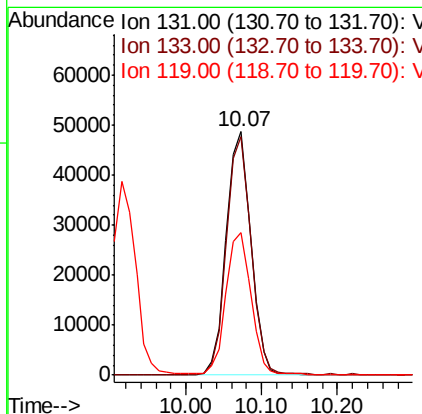
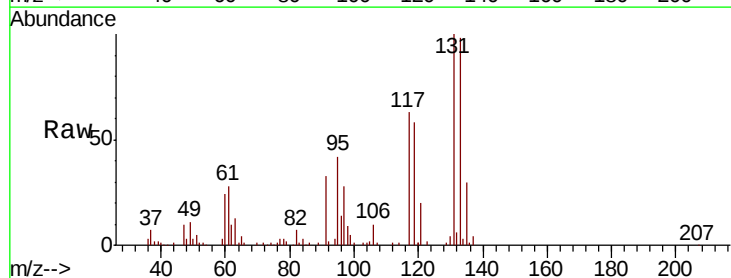
Tgt Ion:131 Resp: 110510

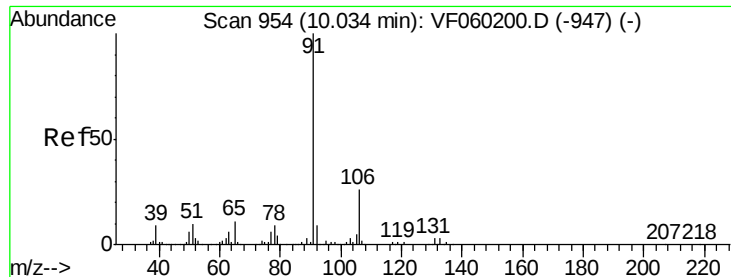
Ion Ratio Lower Upper

131 100

133 98.0 47.9 143.8

119 58.4 29.0 87.0





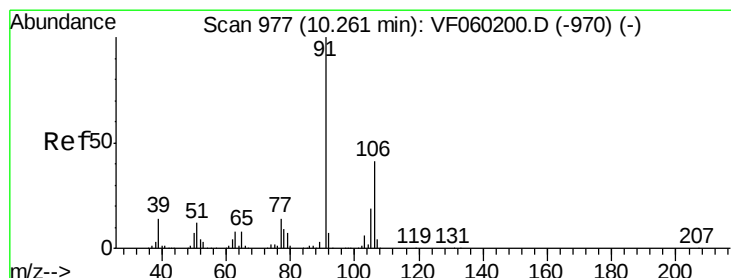
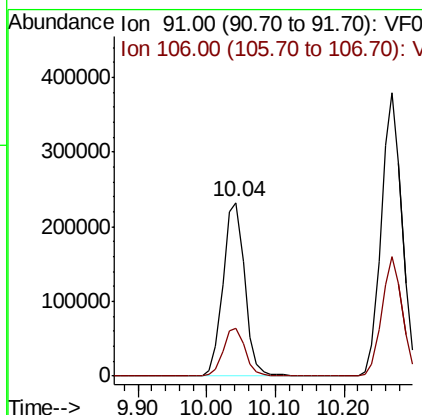
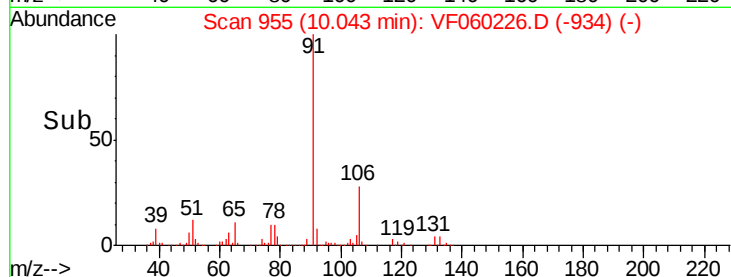
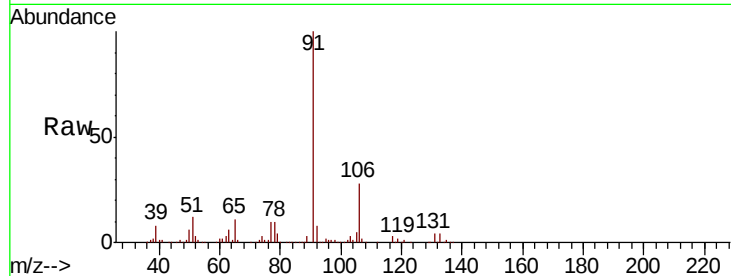
#67  
Ethyl Benzene  
Concen: 51.09 ug/l  
RT: 10.04 min Scan# 955  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 510054  
Ion Ratio Lower Upper  
91 100  
106 27.9 21.1 31.7

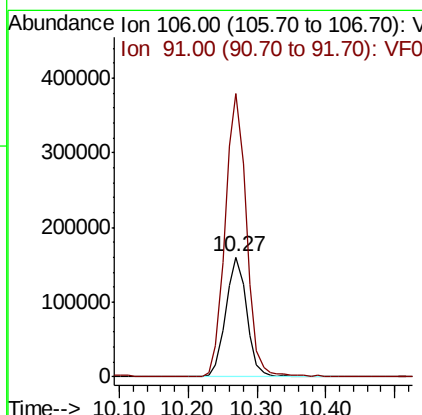
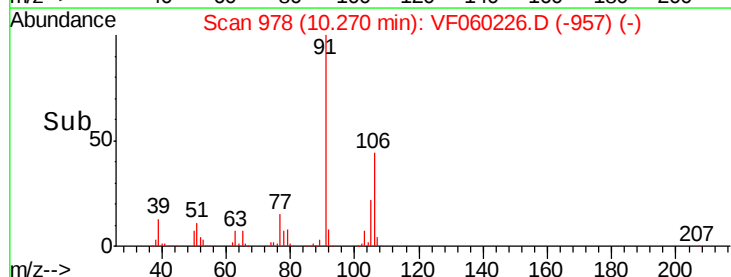
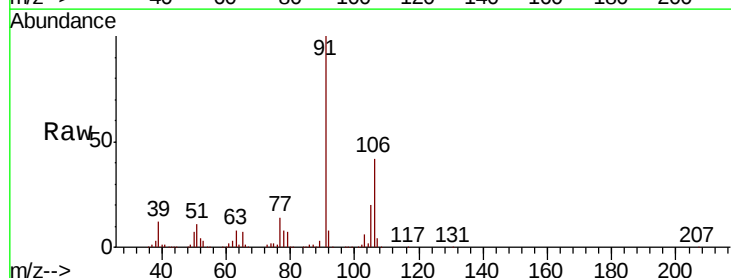
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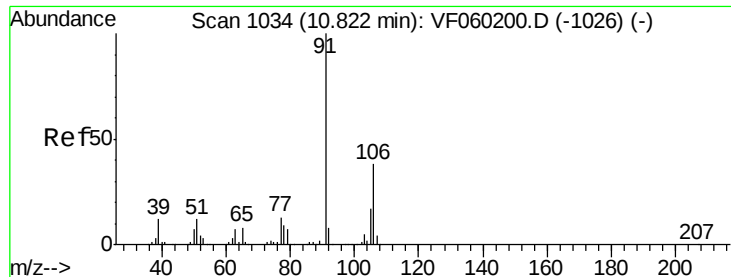
apatel  
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#68  
m/p-Xylenes  
Concen: 102.11 ug/l  
RT: 10.27 min Scan# 978  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Tgt Ion: 106 Resp: 342048  
Ion Ratio Lower Upper  
106 100  
91 236.3 194.6 291.8





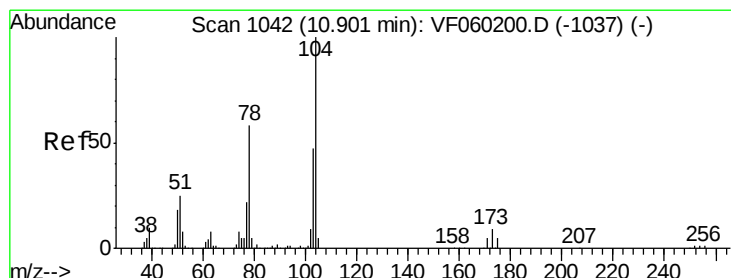
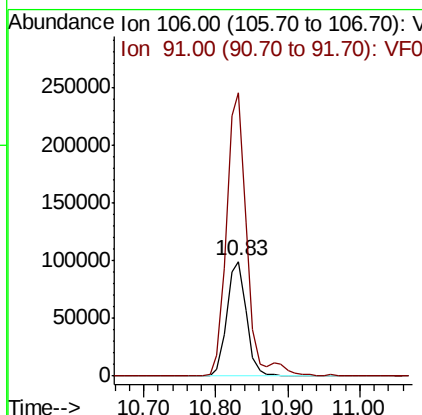
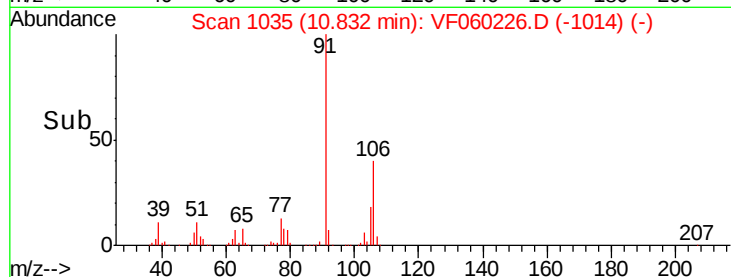
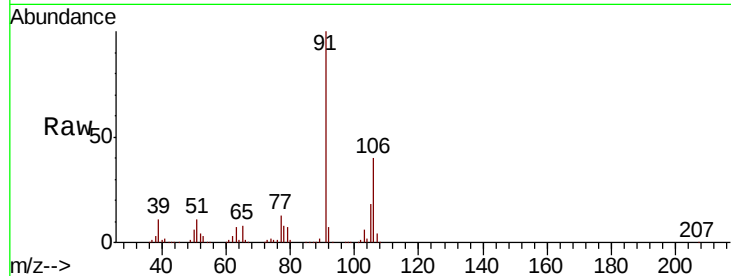
#69  
o-Xylene  
Concen: 52.73 ug/l  
RT: 10.83 min Scan# 1035  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 247.4 | 130.5 | 391.5 |

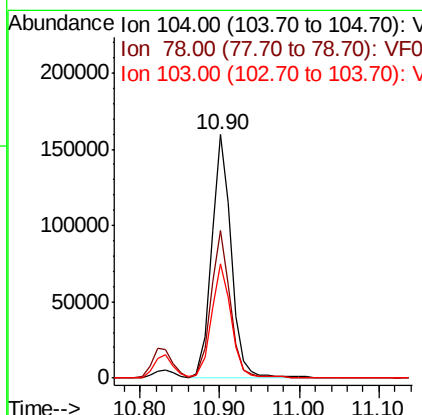
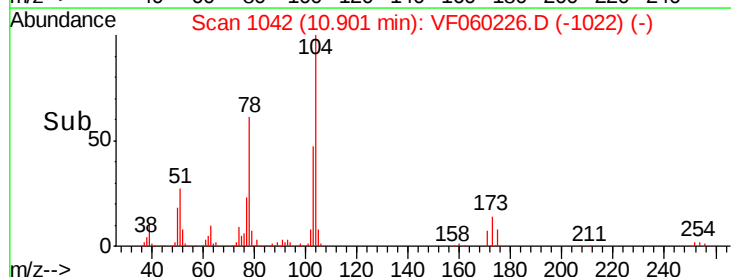
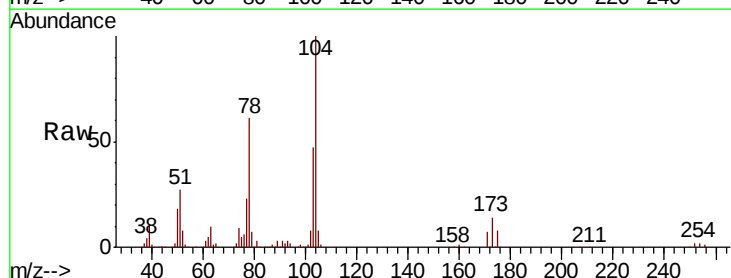
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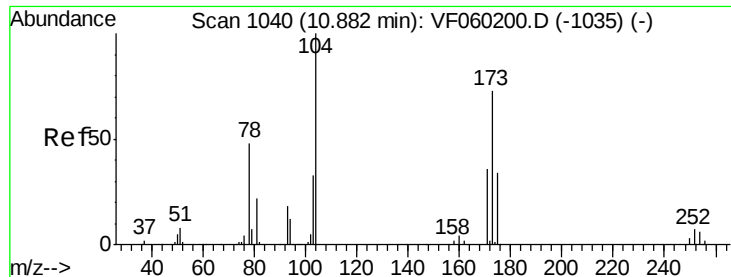
apatel  
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#70  
Styrene  
Concen: 50.90 ug/l  
RT: 10.90 min Scan# 1042  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 60.8  | 47.1  | 70.7  |
| 103     | 46.7  | 38.6  | 57.8  |





#71

Bromoform

Concen: 53.36 ug/l

RT: 10.89 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 73066

Ion Ratio Lower Upper

173 100

175 48.0 23.1 69.3

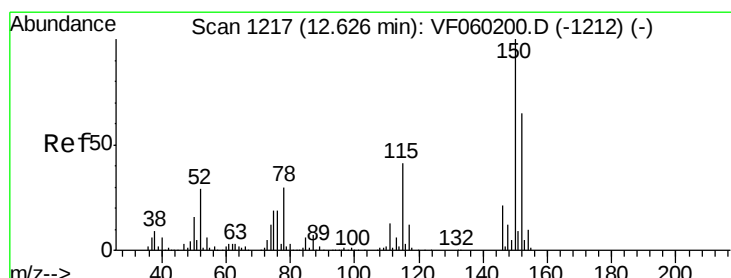
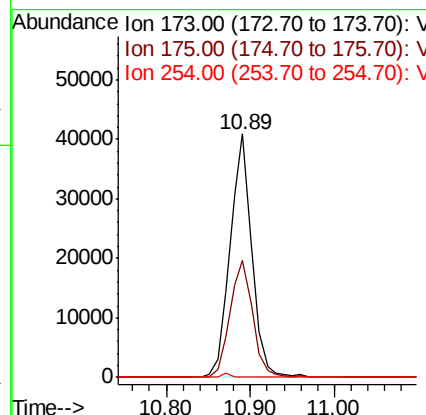
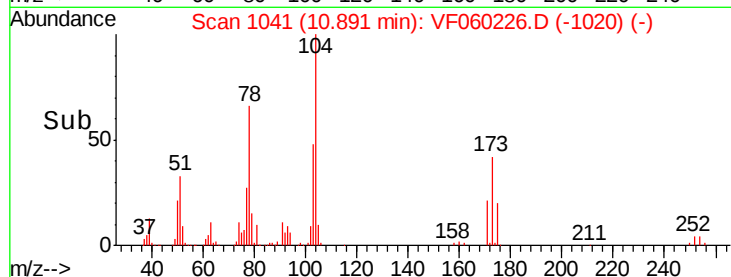
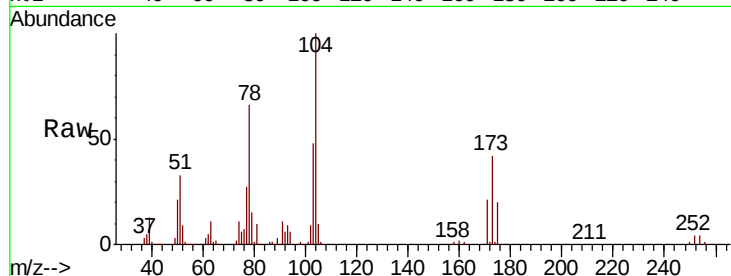
254 0.0 0.2 0.4#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

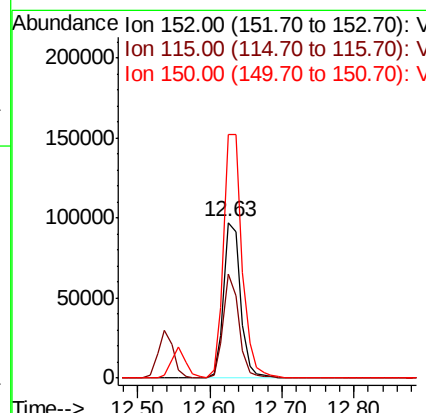
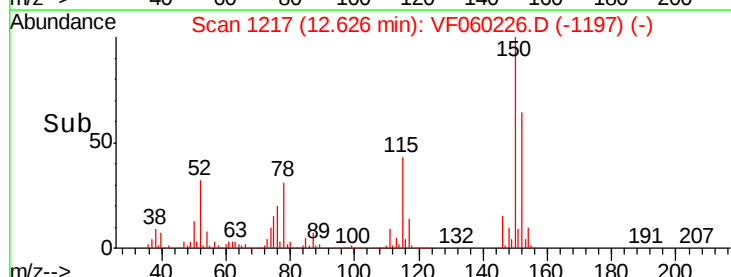
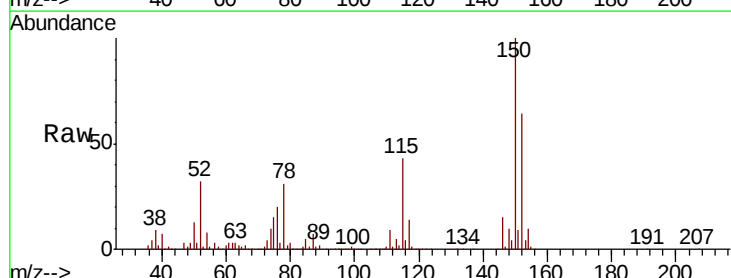
Tgt Ion:152 Resp: 157380

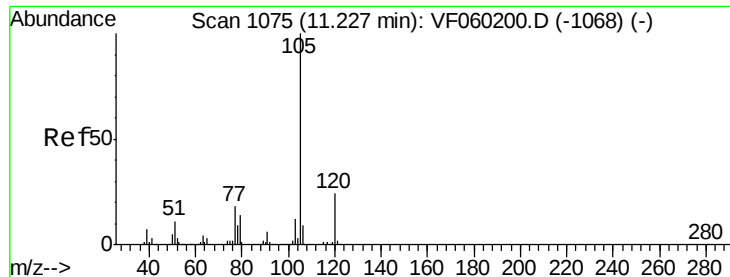
Ion Ratio Lower Upper

152 100

115 66.6 31.5 94.5

150 156.3 0.0 310.4





#73

Isopropylbenzene

Concen: 52.95 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 574862

Ion Ratio Lower Upper

105 100

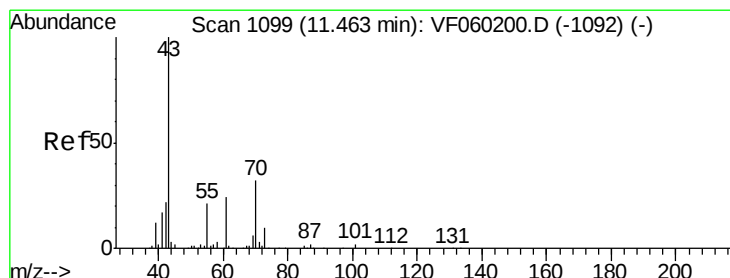
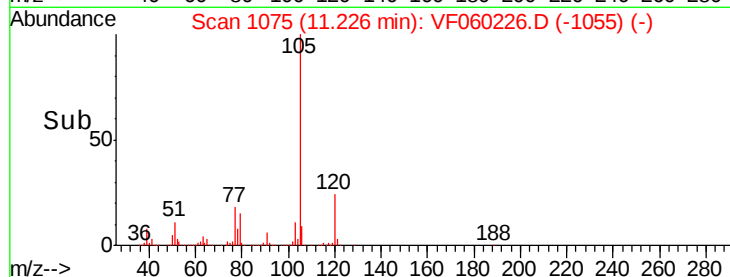
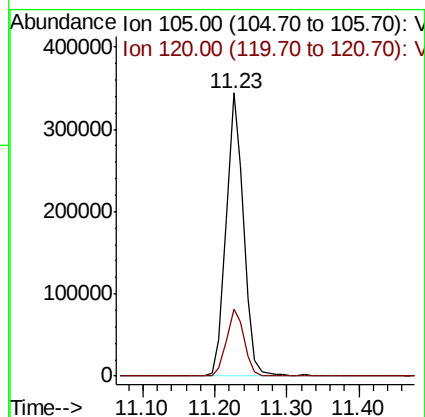
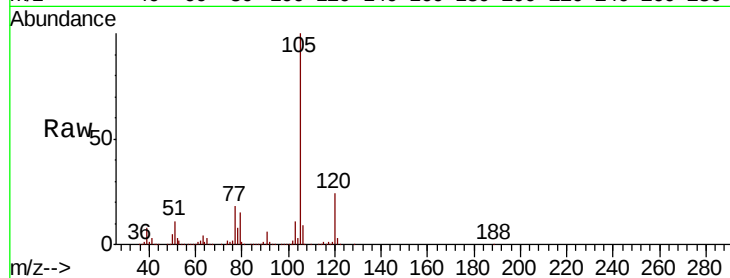
120 23.7 11.8 35.3

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#74

N-ethyl acetate

Concen: 38.34 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Tgt Ion: 43 Resp: 80206

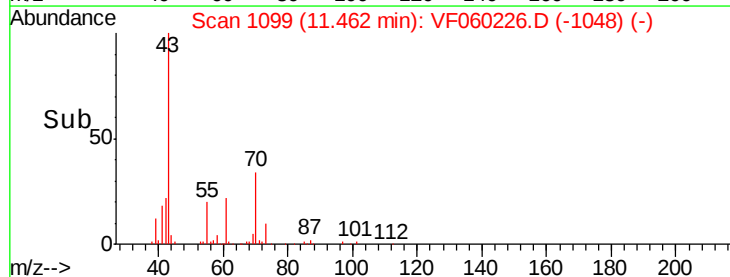
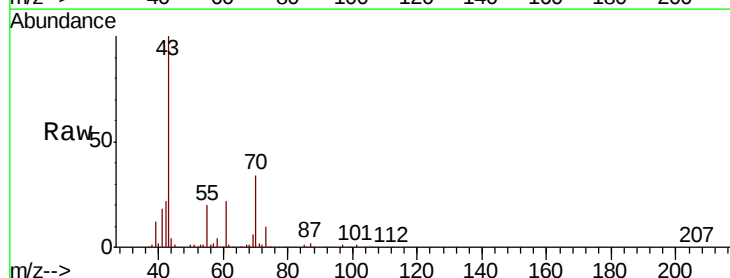
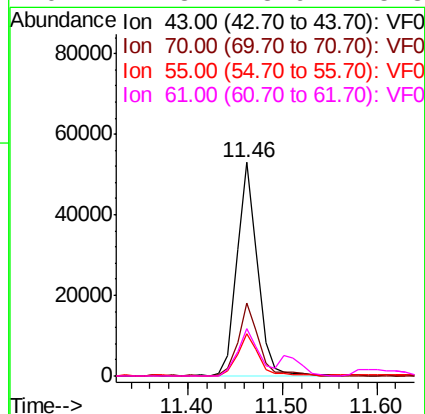
Ion Ratio Lower Upper

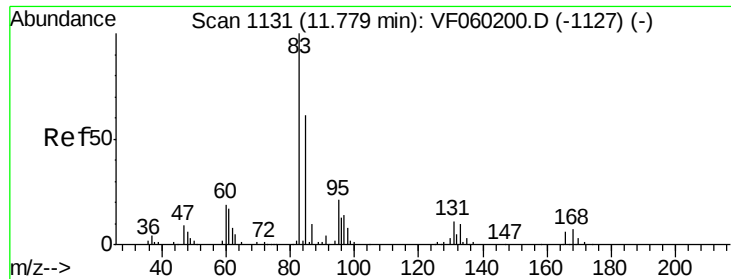
43 100

70 34.0 25.8 38.6

55 19.7 16.8 25.2

61 22.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.38 ug/l

RT: 11.79 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

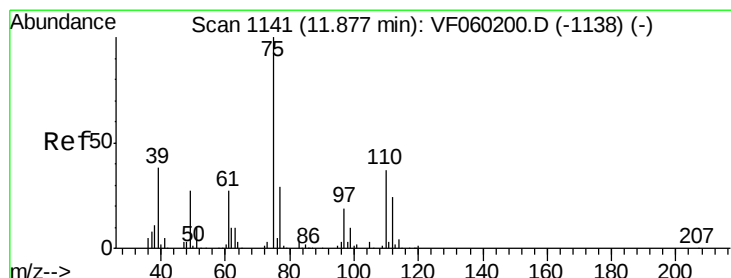
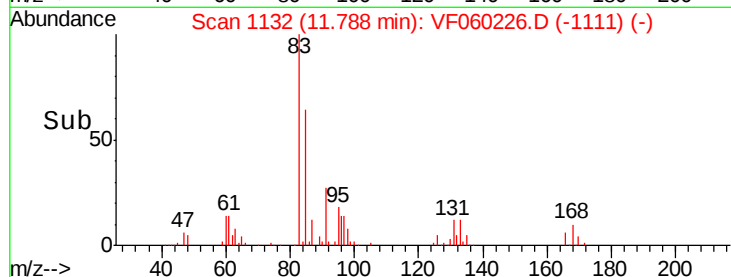
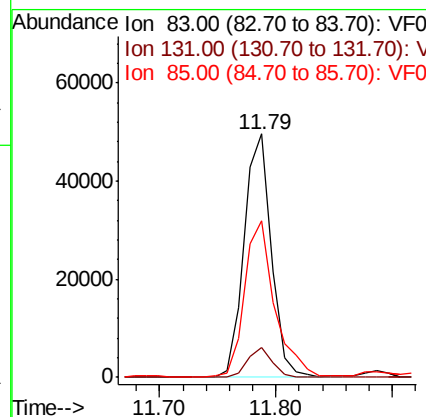
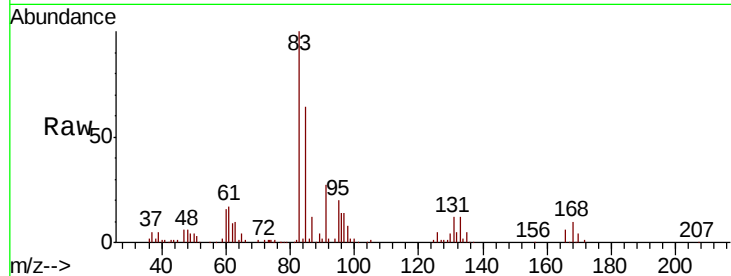
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 80610 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 12.1  | 5.5   | 16.4  |
| 85        | 64.2  | 31.1  | 93.5  |

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#76

1,2,3-Trichloropropane

Concen: 43.74 ug/l

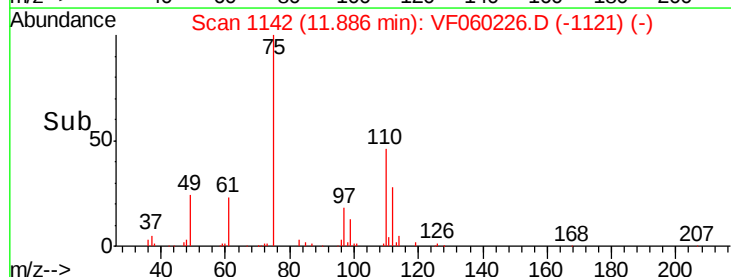
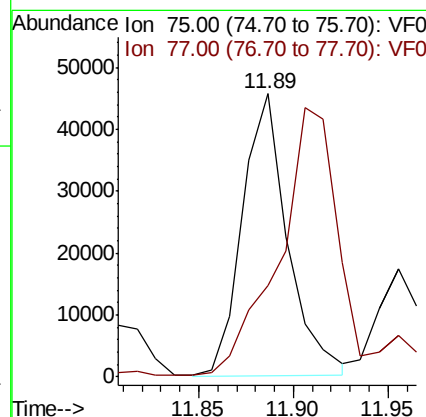
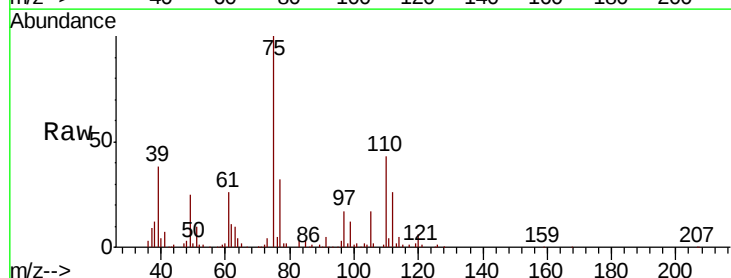
RT: 11.89 min Scan# 1142

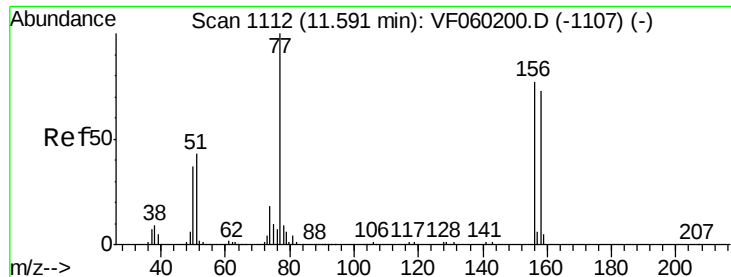
Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 75665 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.3  | 14.6  | 43.8  |





#77

Bromobenzene

Concen: 49.39 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

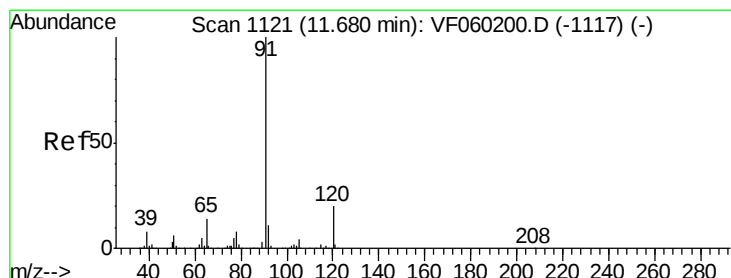
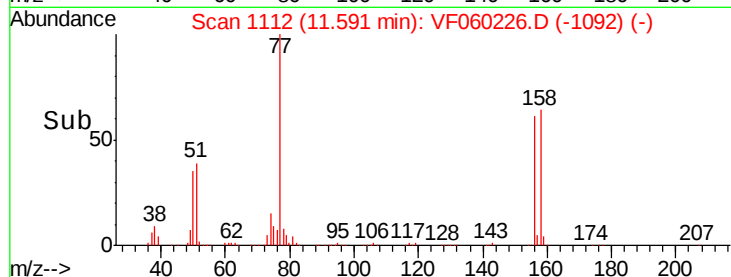
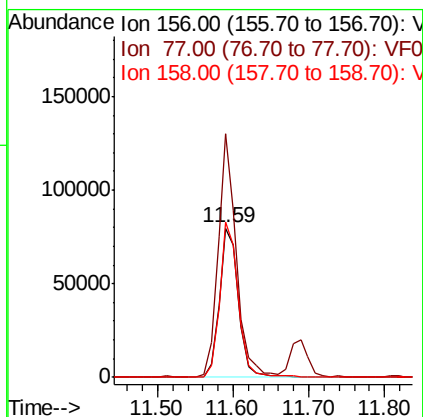
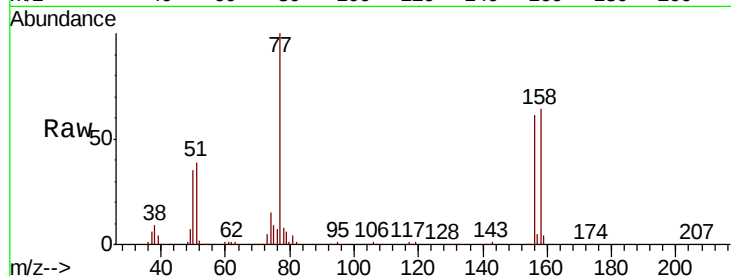
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 140401 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 163.0 | 64.8  | 194.3  |
| 158       | 103.7 | 47.3  | 141.8  |

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#78

n-propylbenzene

Concen: 52.69 ug/l

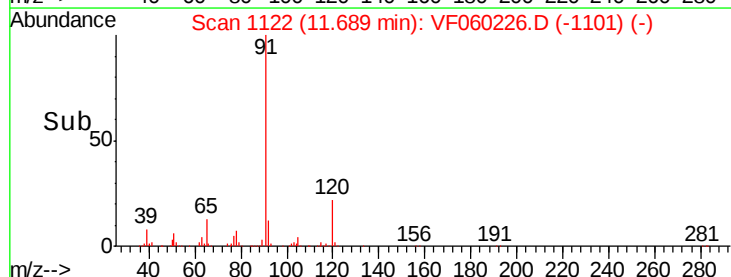
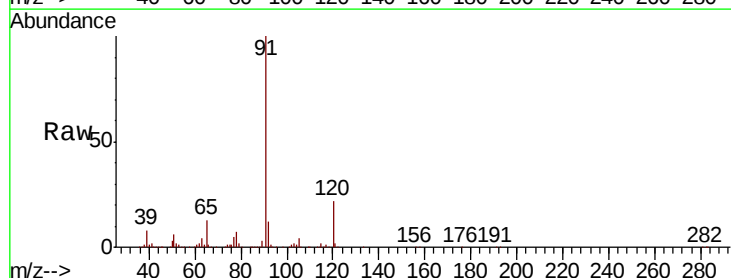
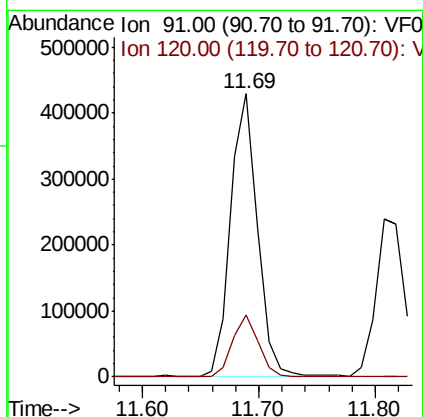
RT: 11.69 min Scan# 1122

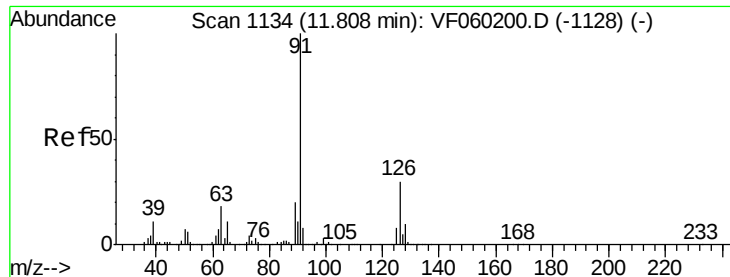
Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 685431 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 21.9  | 9.8   | 29.4   |





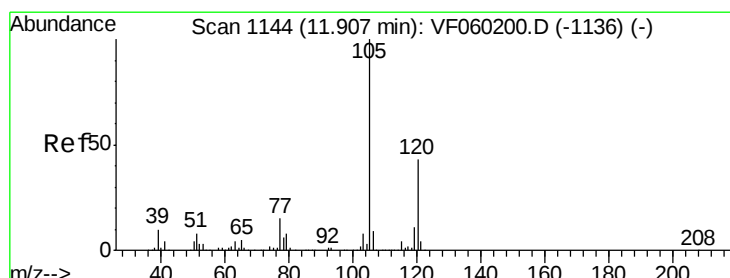
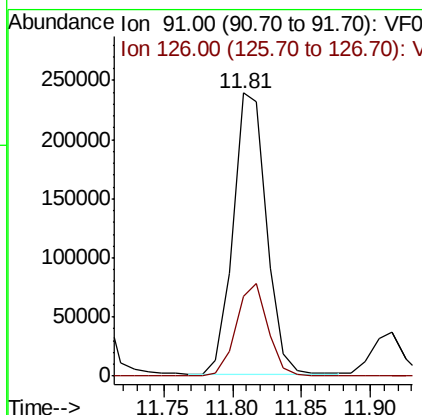
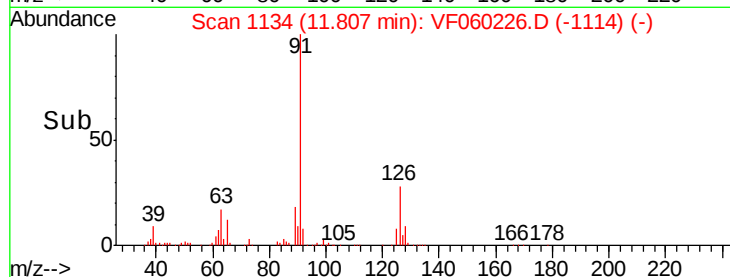
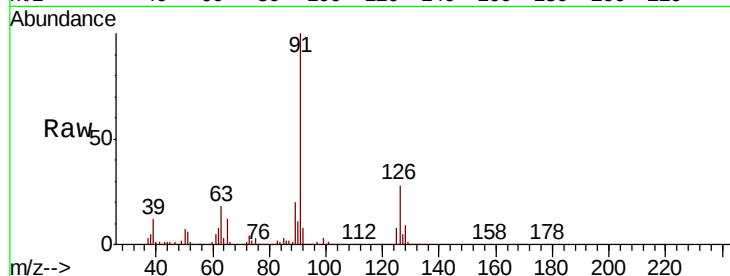
#79  
 2-Chlorotoluene  
 Concen: 50.93 ug/l  
 RT: 11.81 min Scan# 1134  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 400225  
 Ion Ratio Lower Upper  
 91 100  
 126 28.0 15.2 45.5

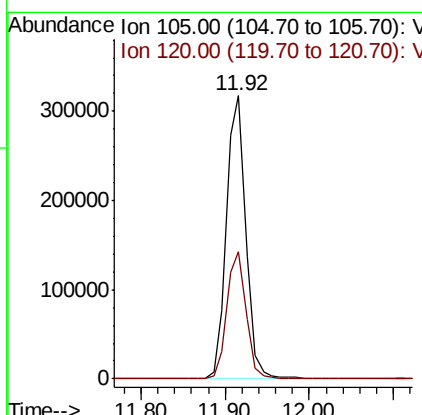
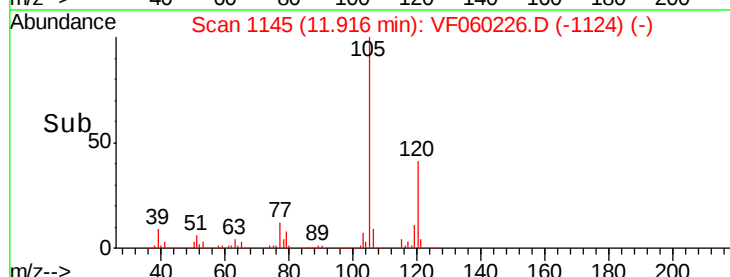
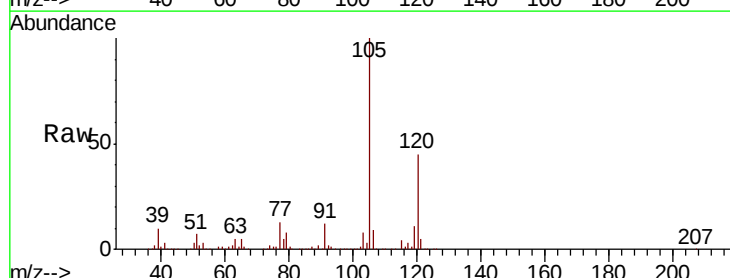
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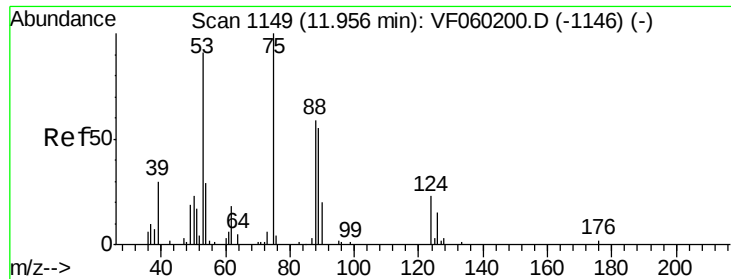
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 52.95 ug/l  
 RT: 11.92 min Scan# 1145  
 Delta R.T. 0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Tgt Ion: 105 Resp: 507375  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 21.6 64.8





#81

trans-1,4-Dichloro-2-butene

Concen: 57.56 ug/l m

RT: 11.96 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 23421

Ion Ratio Lower Upper

75 100

53 107.6 76.5 114.7

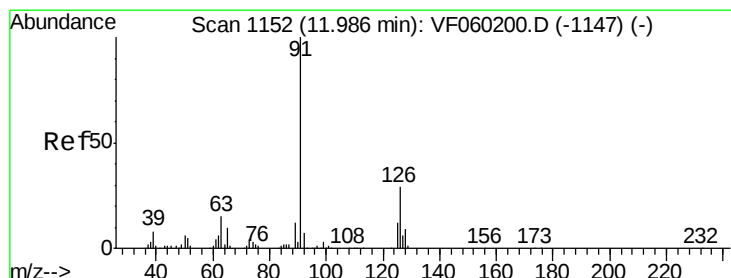
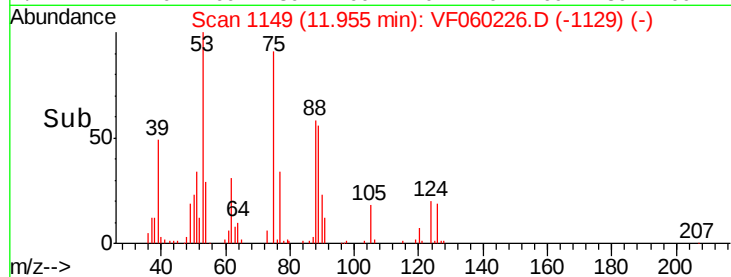
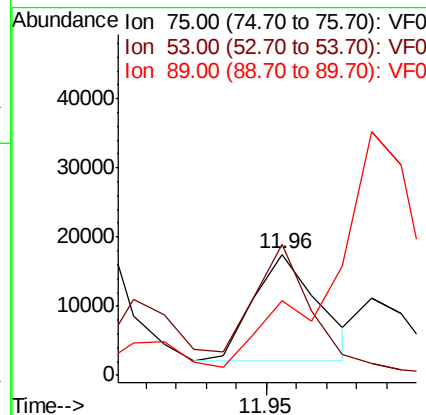
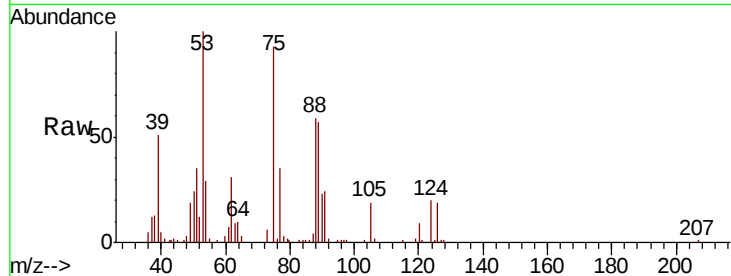
89 61.2 46.5 69.7

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#82

4-Chlorotoluene

Concen: 50.59 ug/l

RT: 11.98 min Scan# 1152

Delta R.T. -0.00 min

Lab File: VF060226.D

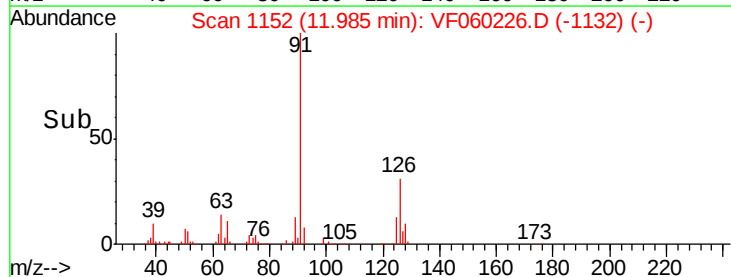
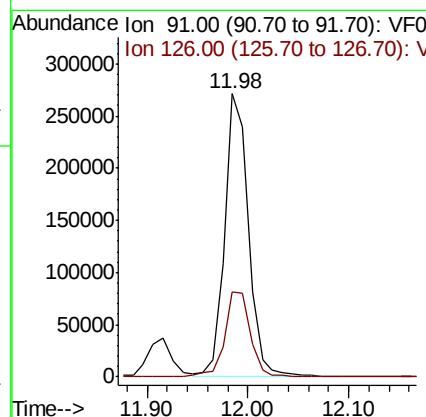
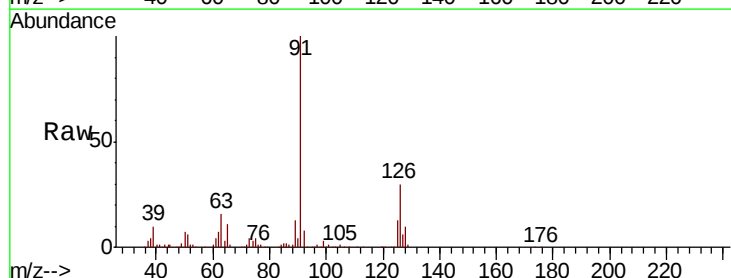
Acq: 10 Sep 2018 10:15

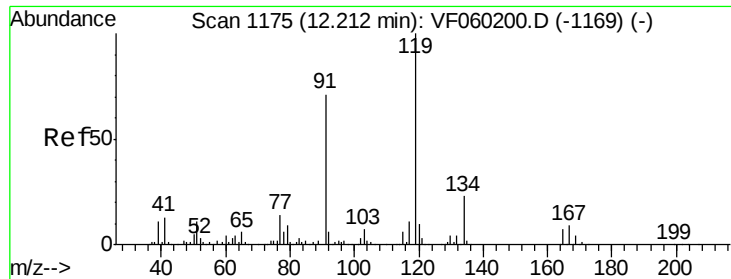
Tgt Ion: 91 Resp: 441251

Ion Ratio Lower Upper

91 100

126 30.1 14.4 43.4





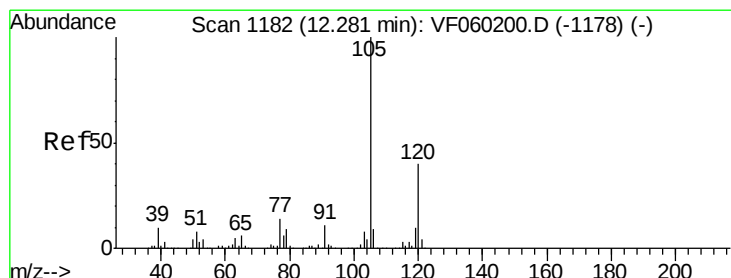
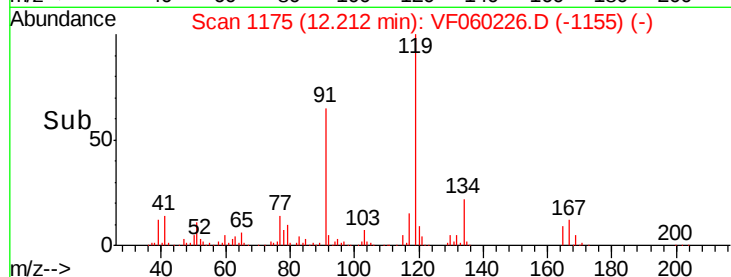
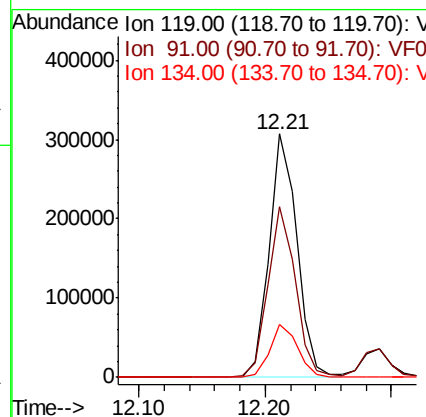
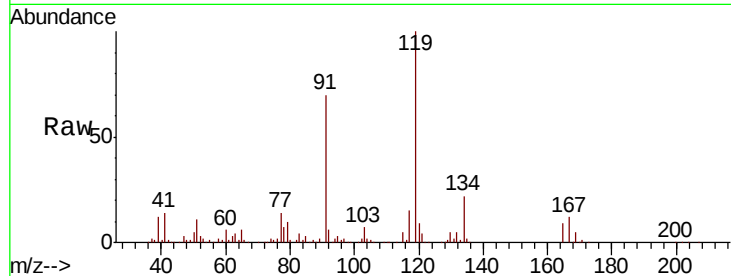
#83  
 tert-Butylbenzene  
 Concen: 54.16 ug/l  
 RT: 12.21 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 70.0  | 35.8  | 107.4 |
| 134     | 21.7  | 11.6  | 34.7  |

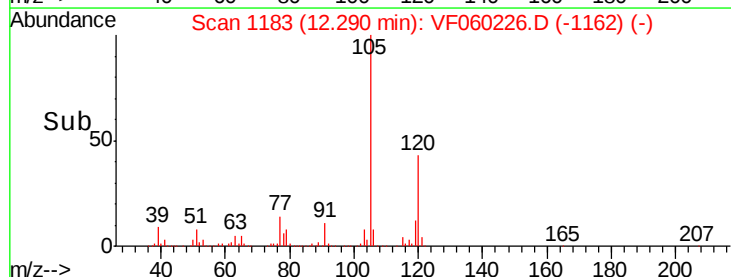
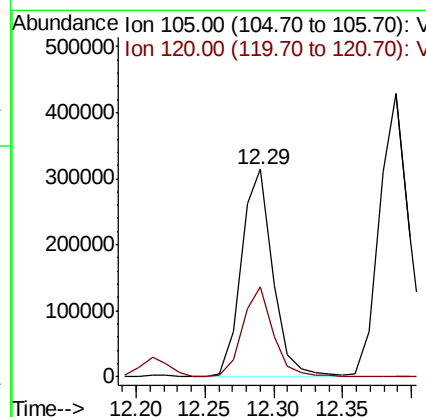
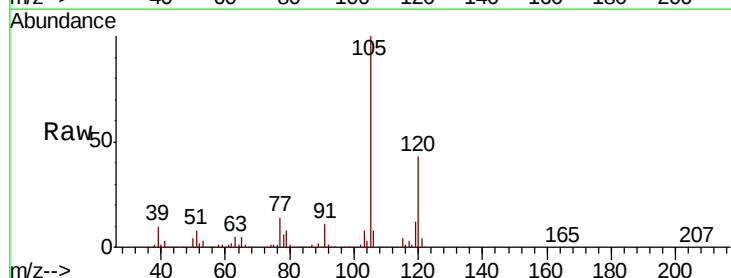
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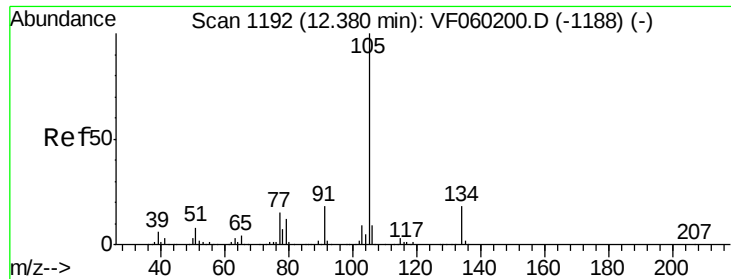
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.58 ug/l  
 RT: 12.29 min Scan# 1183  
 Delta R.T. 0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.4  | 20.2  | 60.5  |





#85

sec-Butylbenzene

Concen: 53.37 ug/l

RT: 12.39 min Scan# 1193

Delta R.T. 0.01 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 642967

Ion Ratio Lower Upper

105 100

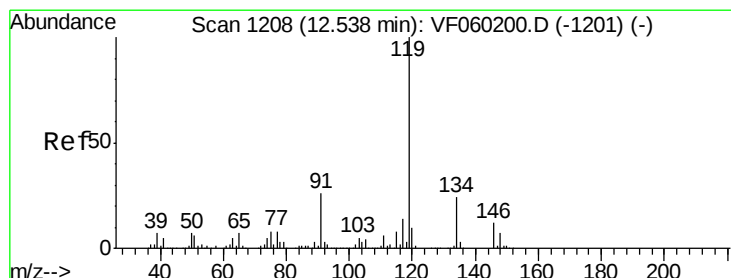
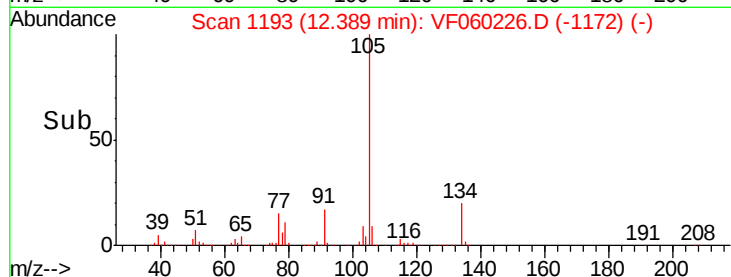
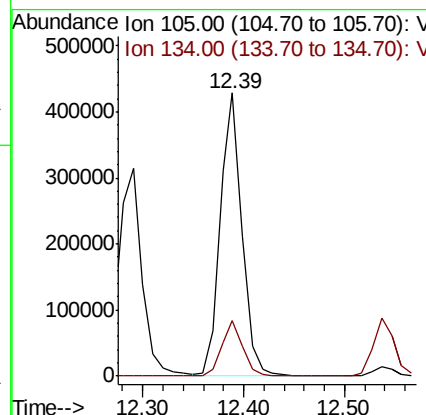
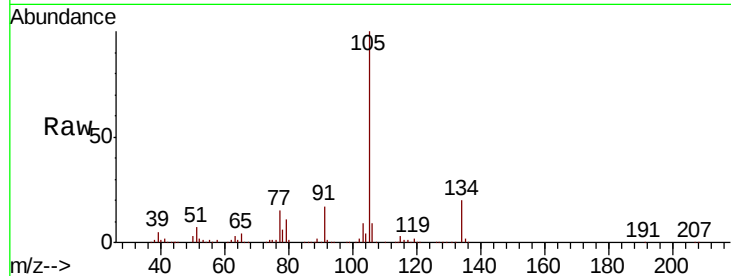
134 19.7 8.8 26.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.80 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF060226.D

Acq: 10 Sep 2018 10:15

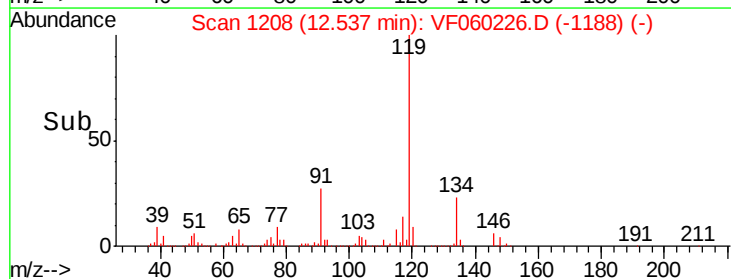
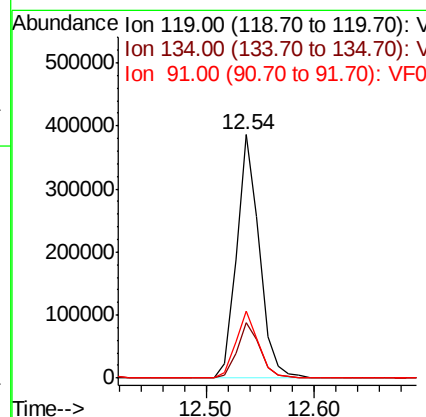
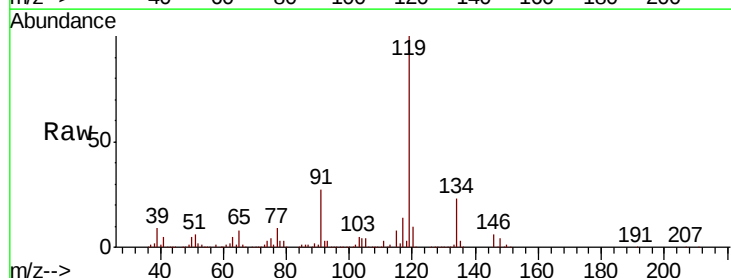
Tgt Ion:119 Resp: 564788

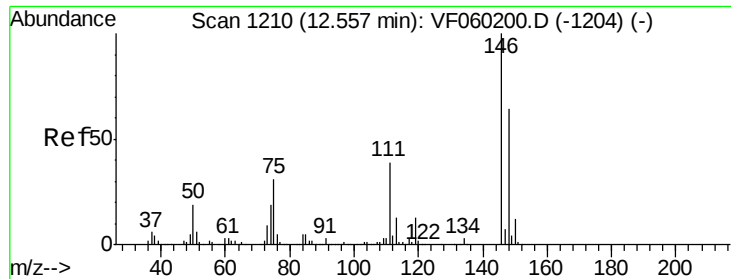
Ion Ratio Lower Upper

119 100

134 22.9 12.0 36.0

91 27.4 12.9 38.7





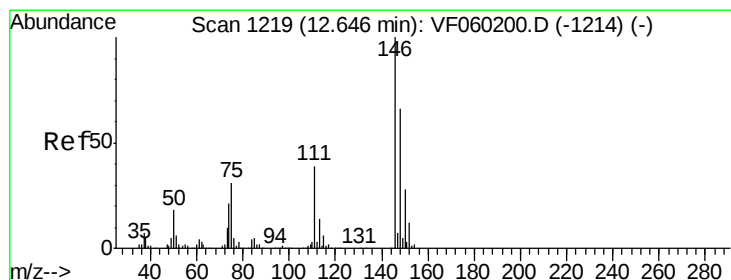
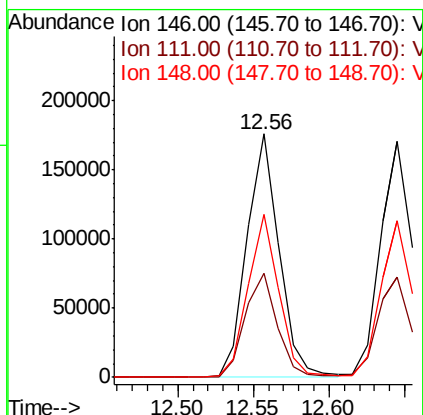
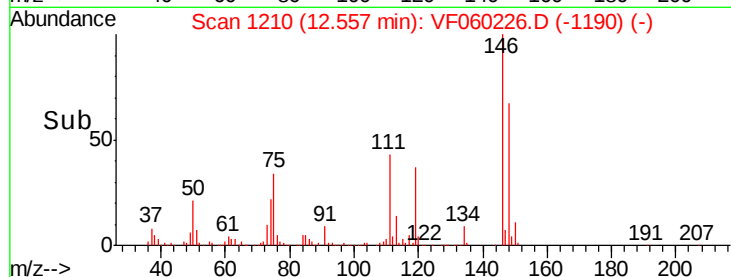
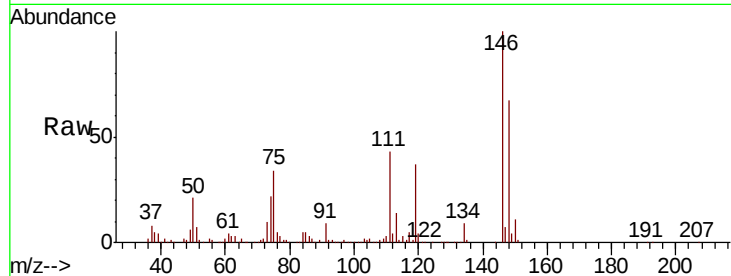
#87  
 1,3-Dichlorobenzene  
 Concen: 50.51 ug/l  
 RT: 12.56 min Scan# 1210  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.7  | 19.7  | 59.1  |
| 148     | 67.0  | 32.0  | 96.0  |

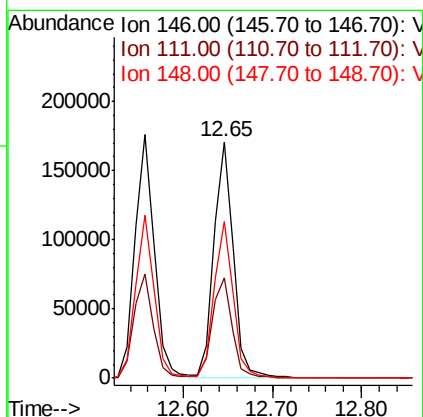
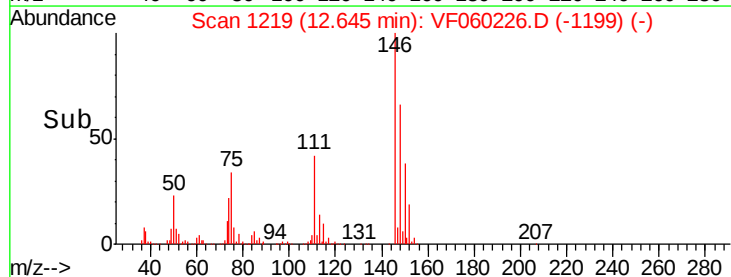
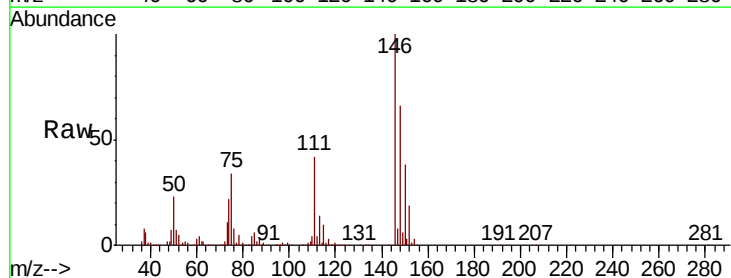
Manual Integrations  
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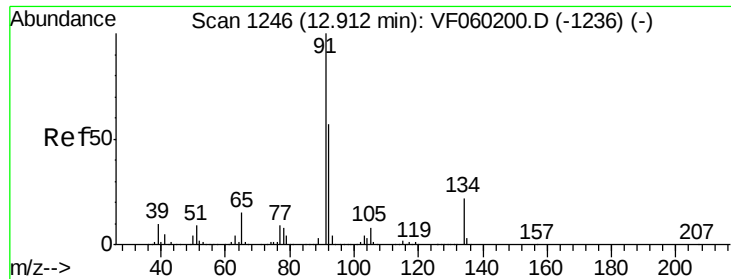
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.33 ug/l  
 RT: 12.65 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 19.7  | 59.1  |
| 148     | 66.4  | 33.1  | 99.5  |





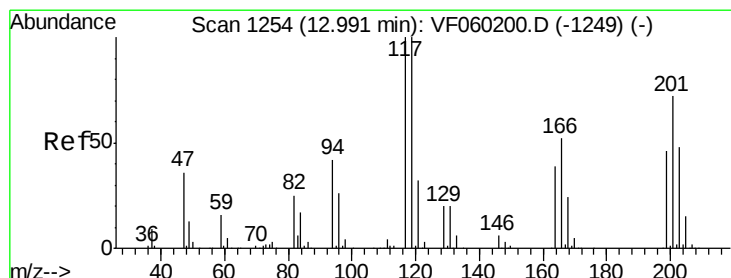
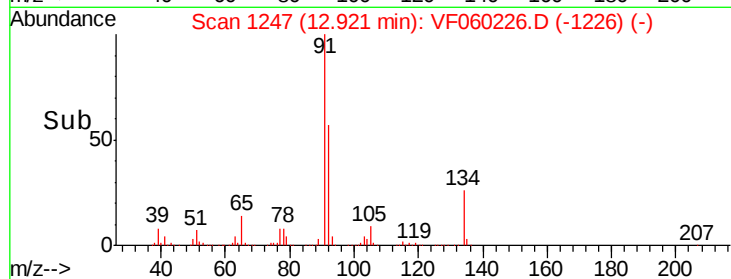
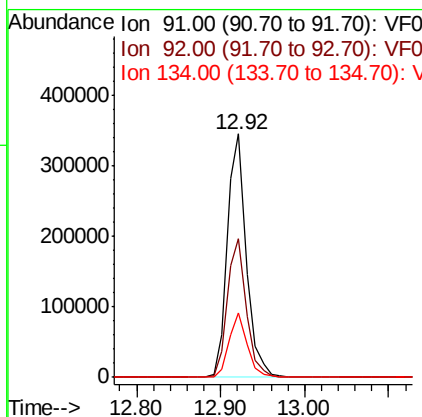
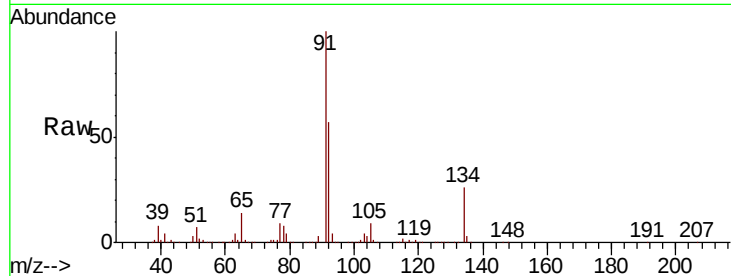
#89  
n-Butylbenzene  
Concen: 51.90 ug/l  
RT: 12.92 min Scan# 1247  
Delta R.T. 0.01 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 536978 |       |       |
| 92      | 57.2  |        | 28.4  | 85.3  |
| 134     | 26.2  |        | 11.1  | 33.3  |

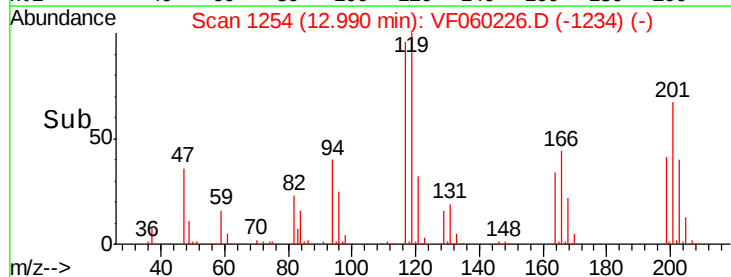
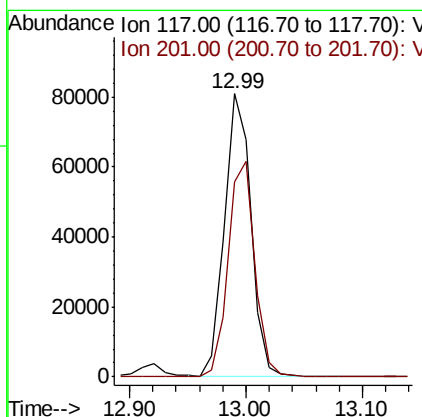
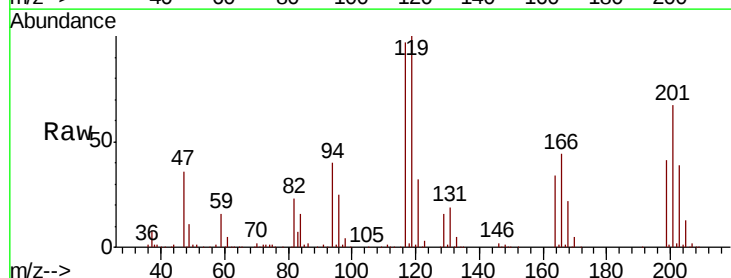
Manual Integrations  
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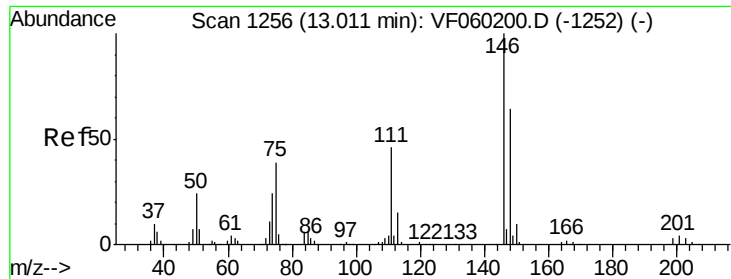
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#90  
Hexachloroethane  
Concen: 59.07 ug/l  
RT: 12.99 min Scan# 1254  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 128086 |       |       |
| 201     | 69.1  |        | 35.7  | 107.1 |





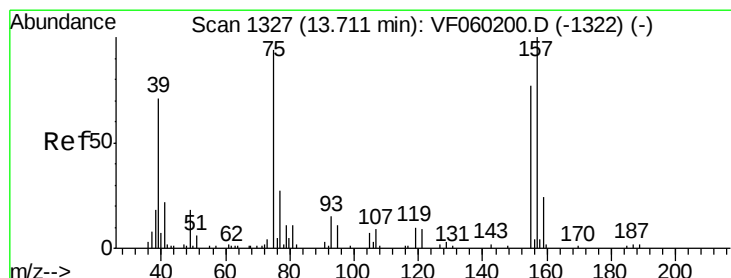
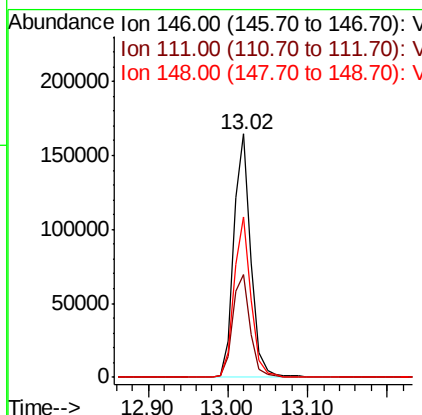
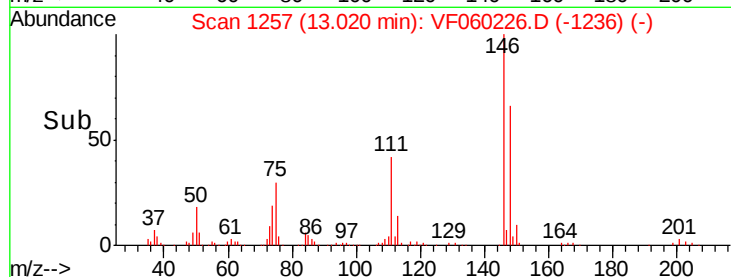
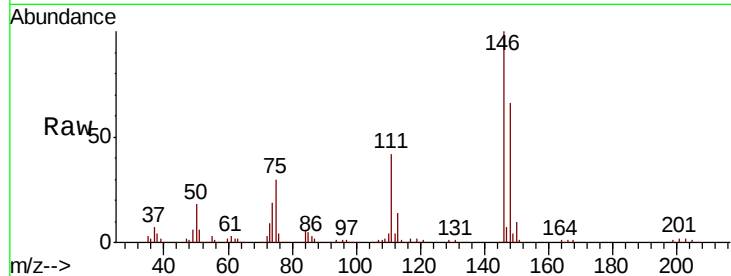
#91  
 1,2-Dichlorobenzene  
 Concen: 50.10 ug/l  
 RT: 13.02 min Scan# 1257  
 Delta R.T. 0.01 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 23.0  | 69.0  |
| 148     | 65.7  | 32.2  | 96.6  |

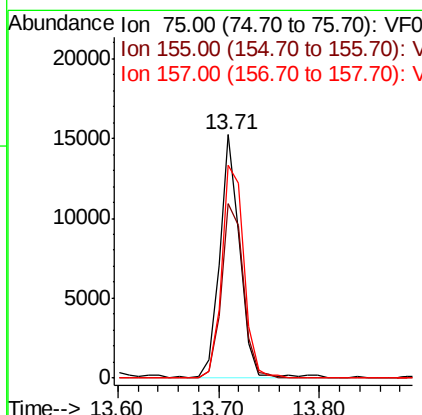
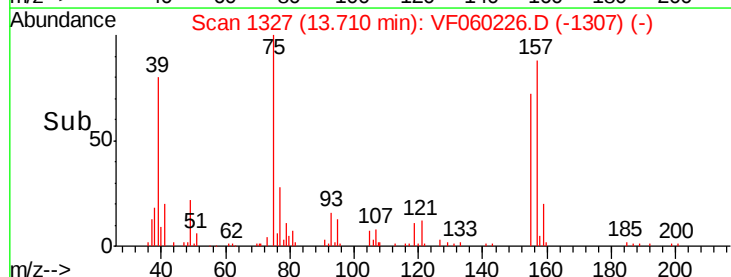
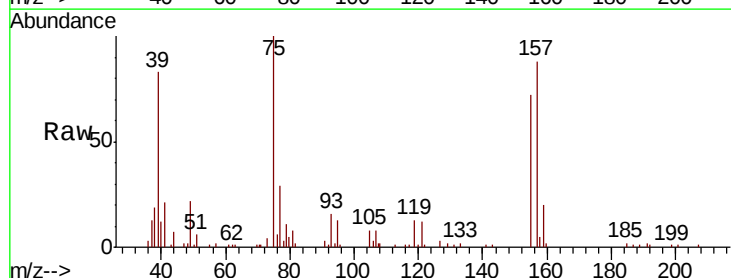
Manual Integrations  
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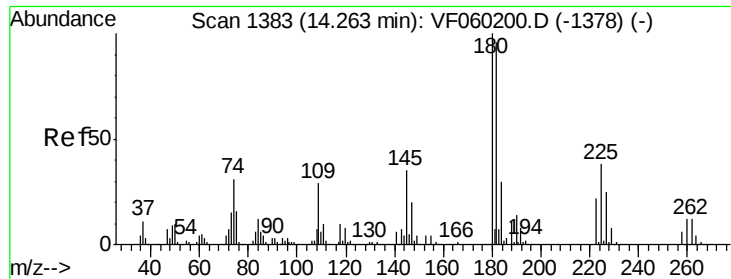
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.32 ug/l  
 RT: 13.71 min Scan# 1327  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 71.9  | 40.8  | 122.5 |
| 157     | 87.5  | 53.3  | 159.9 |





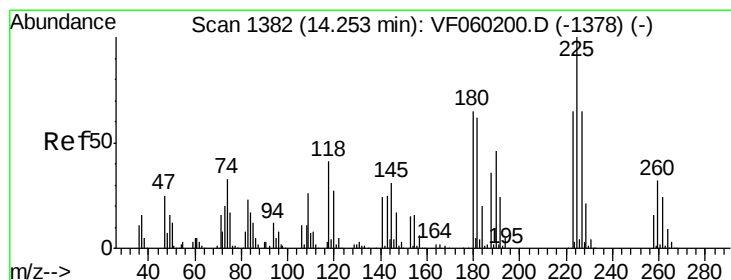
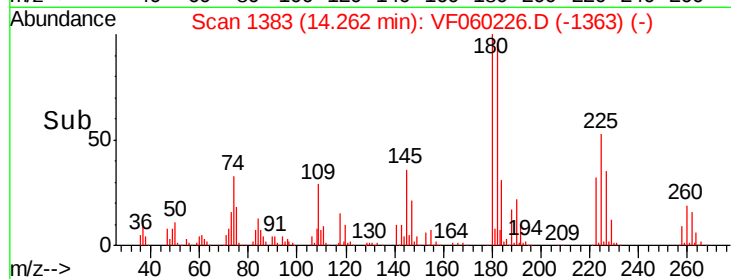
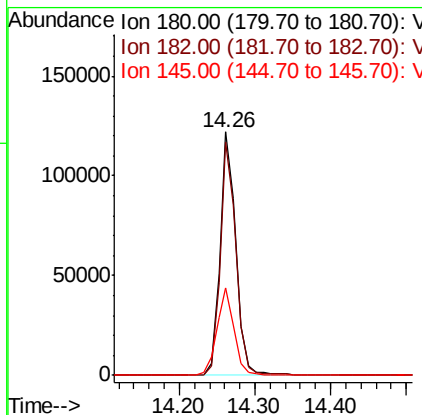
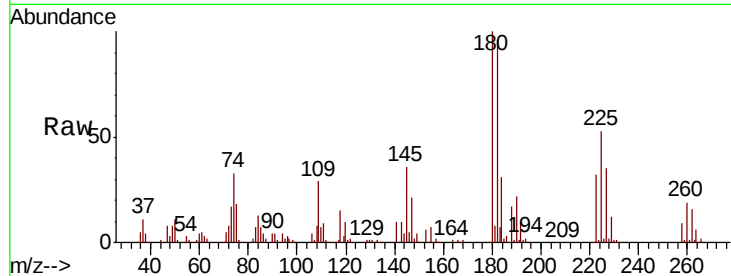
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.35 ug/l  
 RT: 14.26 min Scan# 1383  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 180502 |       |       |
| 182     | 96.0  | 48.2   | 144.6 |       |
| 145     | 36.0  | 17.4   | 52.2  |       |

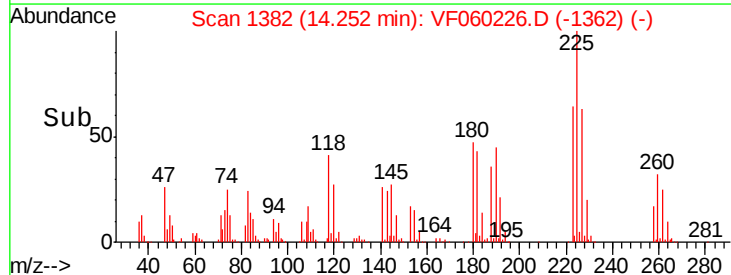
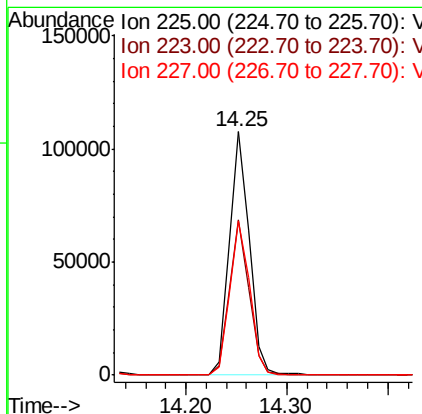
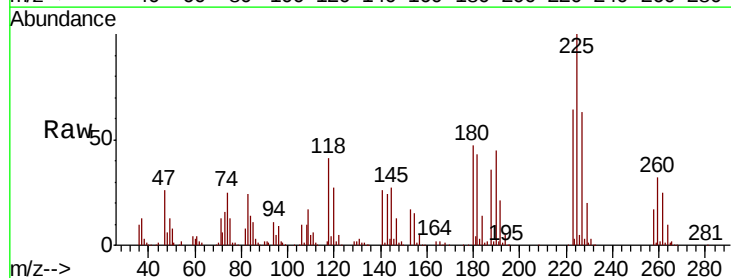
Manual Integrations  
 APPROVED

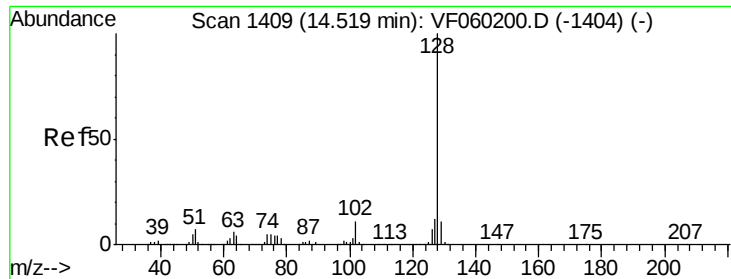
apatel  
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#94  
 Hexachlorobutadiene  
 Concen: 54.03 ug/l  
 RT: 14.25 min Scan# 1382  
 Delta R.T. -0.00 min  
 Lab File: VF060226.D  
 Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 146787 |       |       |
| 223     | 63.5  | 32.3   | 96.8  |       |
| 227     | 63.0  | 32.4   | 97.0  |       |





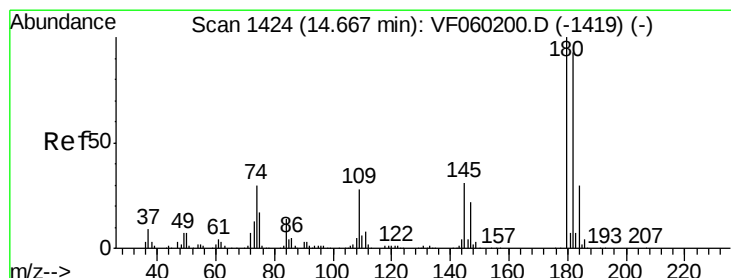
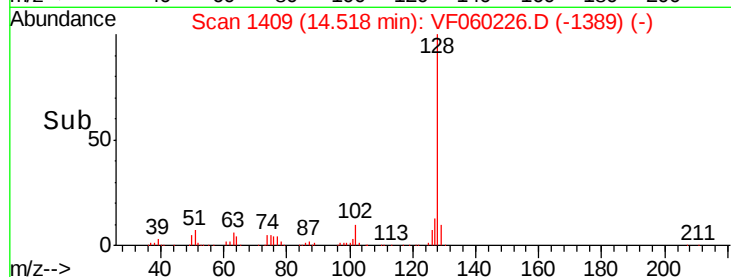
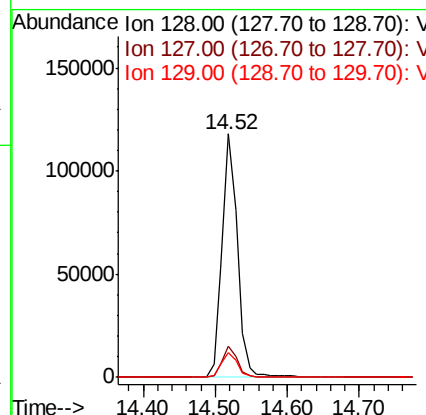
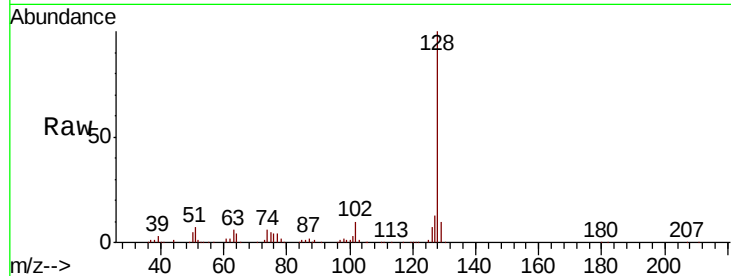
#95  
Naphthalene  
Concen: 30.22 ug/l  
RT: 14.52 min Scan# 1409  
Delta R.T. 0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.6  | 9.9   | 14.9  |
| 129     | 10.3  | 8.9   | 13.3  |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 47.97 ug/l  
RT: 14.67 min Scan# 1424  
Delta R.T. -0.00 min  
Lab File: VF060226.D  
Acq: 10 Sep 2018 10:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.5  | 46.6  | 139.7 |
| 145     | 31.8  | 15.7  | 47.0  |

