

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062518\  
 Data File : VF059307.D  
 Acq On : 25 Jun 2018 17:37  
 Operator : VA/AP  
 Sample : VSTDICC150  
 Misc : 5.00µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 6/26/2018 10:04:45 AM

Quant Time: Jun 26 08:19:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 26 07:57:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 271316   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 413972   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.90  | 117  | 430551   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 248327   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.00   | 65  | 476793   | 124.65 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 249.30% |      |
| 35) Dibromofluoromethane  | 4.28   | 113 | 408332   | 120.06 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 240.12% |      |
| 50) Toluene-d8            | 7.70   | 98  | 1023589  | 118.85 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 237.70% |      |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 546249   | 114.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 228.94% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.98 | 85  | 334895  | 109.27 | ug/l   | 95     |
| 3) Chloromethane              | 1.08 | 50  | 237483  | 122.96 | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.15 | 62  | 233949  | 122.37 | ug/l   | 100    |
| 5) Bromomethane               | 1.34 | 94  | 148747  | 114.05 | ug/l   | 96     |
| 6) Chloroethane               | 1.43 | 64  | 112030  | 119.69 | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 1.48 | 101 | 460749m | 123.13 | ug/l   |        |
| 8) Diethyl Ether              | 1.69 | 74  | 121554  | 140.23 | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 234479  | 110.82 | ug/l   | 98     |
| 10) Methyl Iodide             | 1.96 | 142 | 497871  | 128.30 | ug/l   | 98     |
| 11) Tert butyl alcohol        | 2.68 | 59  | 156160  | 672.07 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 234434  | 123.76 | ug/l   | 88     |
| 13) Acrolein                  | 2.08 | 56  | 81426   | 439.55 | ug/l   | 92     |
| 14) Allyl chloride            | 2.18 | 41  | 467284  | 133.34 | ug/l   | 89     |
| 15) Acrylonitrile             | 3.06 | 53  | 308008  | 640.84 | ug/l   | 94     |
| 16) Acetone                   | 2.33 | 43  | 649042  | 695.32 | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.83 | 76  | 554915m | 121.72 | ug/l   |        |
| 18) Methyl Acetate            | 2.44 | 43  | 239655  | 136.22 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 842876  | 132.16 | ug/l   | 93     |
| 20) Methylene Chloride        | 2.26 | 84  | 268241m | 131.78 | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96  | 255298  | 131.08 | ug/l   | 92     |
| 22) Diisopropyl ether         | 2.91 | 45  | 989140  | 135.78 | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.32 | 43  | 2929685 | 627.76 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 2.99 | 63  | 591810  | 125.80 | ug/l   | 100    |
| 25) 2-Butanone                | 4.49 | 43  | 810701  | 665.39 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.74 | 77  | 377859  | 115.88 | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 3.61 | 96  | 381260  | 128.50 | ug/l   | 89     |
| 28) Bromochloromethane        | 3.87 | 49  | 227247  | 115.61 | ug/l   | 93     |
| 29) Tetrahydrofuran           | 4.24 | 42  | 335440  | 614.31 | ug/l   | 98     |
| 30) Chloroform                | 4.02 | 83  | 843550  | 124.06 | ug/l   | 100    |
| 31) Cyclohexane               | 3.84 | 56  | 383285  | 120.25 | ug/l   | 91     |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97  | 591425  | 115.97 | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 4.44 | 75  | 530223  | 126.52 | ug/l   | 100    |
| 37) Ethyl Acetate             | 4.28 | 43  | 347558  | 126.14 | ug/l   | 93     |
| 38) Carbon Tetrachloride      | 4.16 | 117 | 646572m | 125.06 | ug/l   |        |

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 Misc : 5.00µ/5mL/MSVOA-F/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 6/26/2018 10:04:45 AM

Quant Time: Jun 26 08:19:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 26 07:57:09 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.61  | 83   | 466133   | 123.70  | ug/l   | 93       |
| 40) Benzene                    | 4.80  | 78   | 1151387  | 128.44  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.91  | 41   | 174883   | 133.33  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 5.10  | 62   | 685434   | 133.13  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.09  | 43   | 471617   | 142.25  | ug/l # | 94       |
| 44) Trichloroethene            | 5.66  | 130  | 384301   | 124.66  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.38  | 63   | 338774   | 130.33  | ug/l   | 99       |
| 46) Dibromomethane             | 6.24  | 93   | 289119   | 129.61  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.53  | 83   | 703988   | 132.38  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.86  | 41   | 323961   | 152.64  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.85  | 88   | 31895    | 2564.49 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 1535492  | 641.35  | ug/l   | 97       |
| 52) Toluene                    | 7.76  | 92   | 836218   | 120.59  | ug/l   | 92       |
| 53) t-1,3-Dichloropropene      | 8.42  | 75   | 646993   | 130.25  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.45  | 75   | 710719   | 134.57  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 351807   | 131.29  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 448123   | 145.54  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 8.99  | 76   | 591061   | 133.36  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.76  | 63   | 152811   | 624.45  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.62  | 43   | 1200526  | 626.86  | ug/l   | 96       |
| 60) Dibromochloromethane       | 8.85  | 129  | 538700   | 135.86  | ug/l   | 93       |
| 61) 1,2-Dibromoethane          | 9.12  | 107  | 421151   | 135.42  | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.30  | 164  | 382425   | 119.09  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.93  | 112  | 1095142  | 123.13  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 462505   | 123.34  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.03 | 91   | 1762632  | 116.85  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.26 | 106  | 1225204  | 227.38  | ug/l   | 91       |
| 69) o-Xylene                   | 10.82 | 106  | 704197   | 117.92  | ug/l   | 89       |
| 70) Styrene                    | 10.89 | 104  | 1060957  | 116.97  | ug/l   | 99       |
| 71) Bromoform                  | 10.88 | 173  | 343117   | 128.88  | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.21 | 105  | 1966993  | 118.75  | ug/l   | 95       |
| 74) N-amyl acetate             | 11.45 | 43   | 726147   | 131.45  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 492099   | 124.09  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 392575   | 135.41  | ug/l   | 93       |
| 77) Bromobenzene               | 11.59 | 156  | 542473   | 120.88  | ug/l   | 85       |
| 78) n-propylbenzene            | 11.68 | 91   | 2165078  | 111.02  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 1393223  | 118.71  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 1614616  | 115.44  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75   | 235381   | 128.47  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 1493809  | 117.80  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.21 | 119  | 1598583  | 113.18  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 1687980  | 114.06  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 2135590  | 112.56  | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 1759406  | 113.06  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 901858   | 111.99  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 949057   | 119.69  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.91 | 91   | 1718373  | 108.64  | ug/l   | 94       |
| 90) Hexachloroethane           | 12.99 | 117  | 472893   | 120.67  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 937592   | 116.09  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 121318   | 141.66  | ug/l   | 87       |

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Sample : VSTDICC150  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICC150

Manual Integrations  
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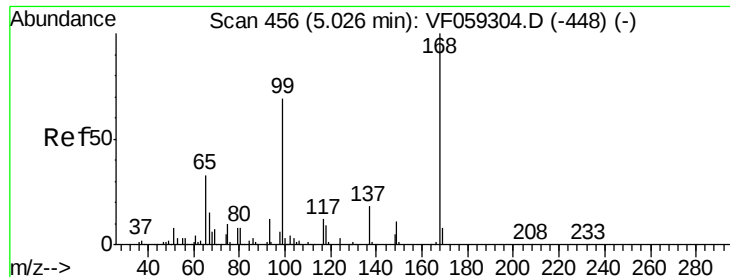
apatel  
6/26/2018 10:04:45 AM

Quant Time: Jun 26 08:19:27 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F062518S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 26 07:57:09 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 682982   | 116.65 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 396450   | 115.69 | ug/l  | 95       |
| 95) Naphthalene            | 14.52 | 128  | 1640063  | 135.89 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 704057   | 127.85 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 271316

Ion Ratio Lower Upper

168 100

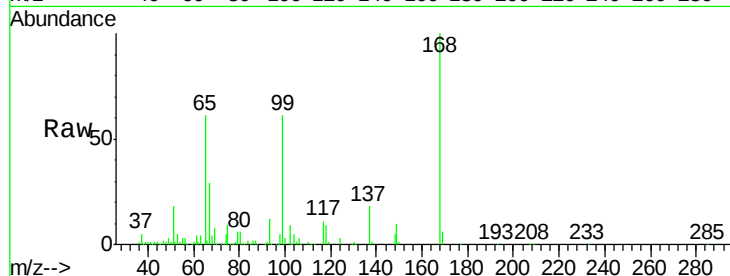
99 60.8 54.9 82.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

100000

80000

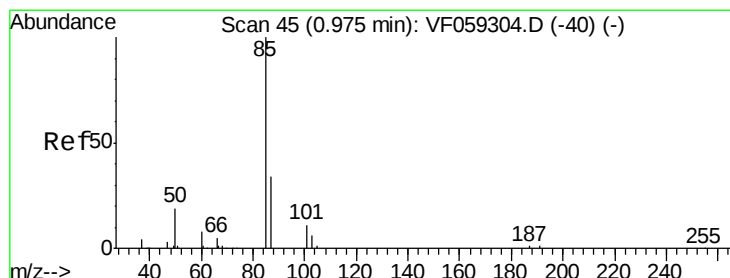
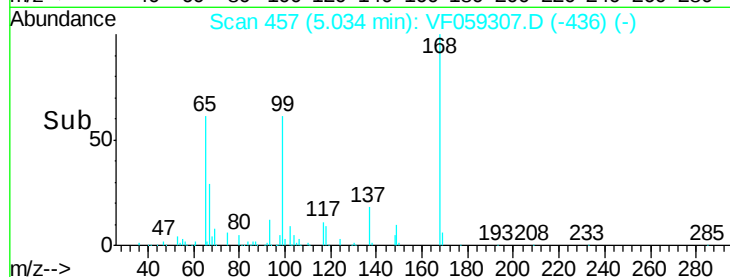
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 109.27 ug/l

RT: 0.98 min Scan# 46

Delta R.T. 0.01 min

Lab File: VF059307.D

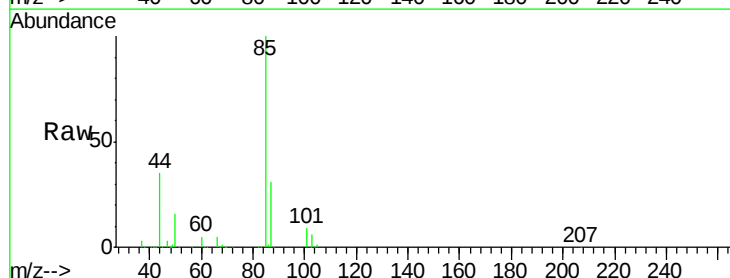
Acq: 25 Jun 2018 17:37

Tgt Ion: 85 Resp: 334895

Ion Ratio Lower Upper

85 100

87 31.1 17.1 51.3



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.98

100000

80000

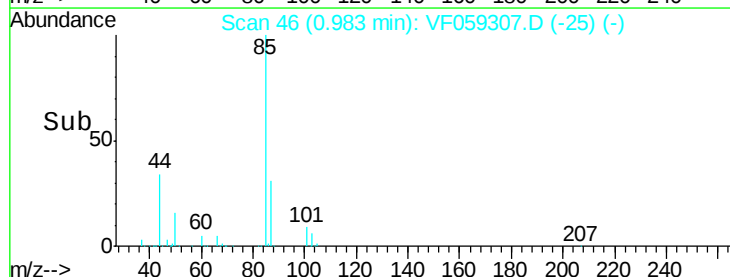
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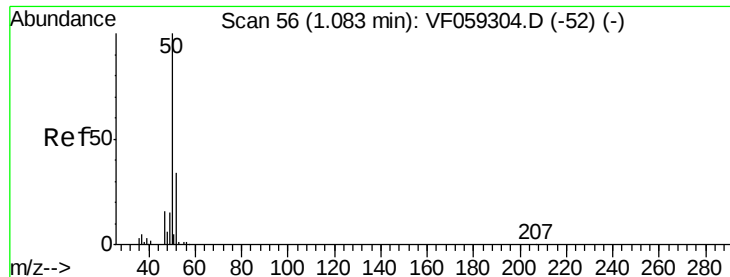
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20000

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Time-->





#3

Chloromethane

Concen: 122.96 ug/l

RT: 1.08 min Scan# 56

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 237483

Ion Ratio Lower Upper

50 100

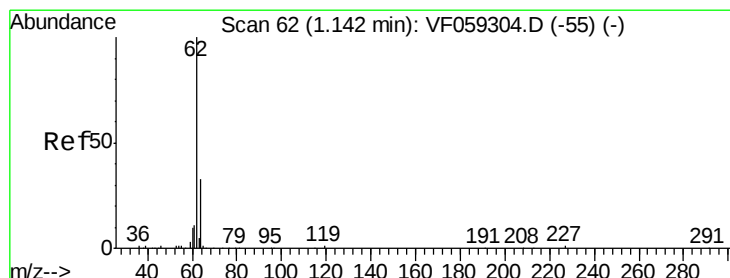
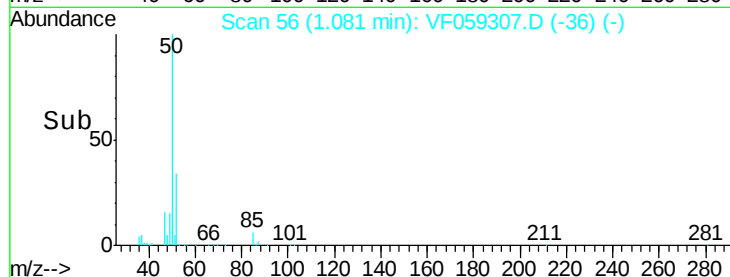
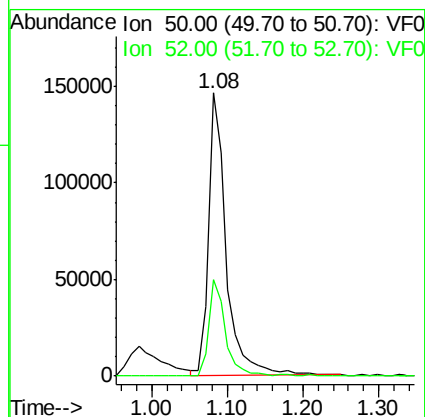
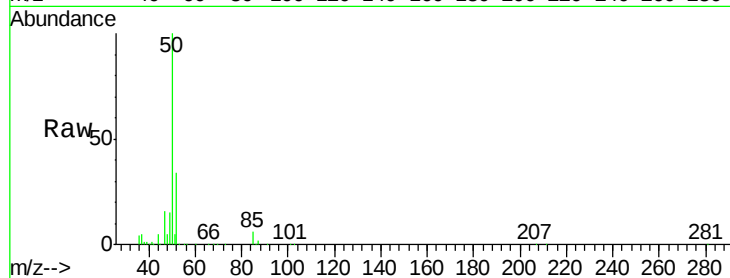
52 34.3 26.7 40.1

Manual Integrations

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6/26/2018 10:04:45 AM



#4

Vinyl Chloride

Concen: 122.37 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.01 min

Lab File: VF059307.D

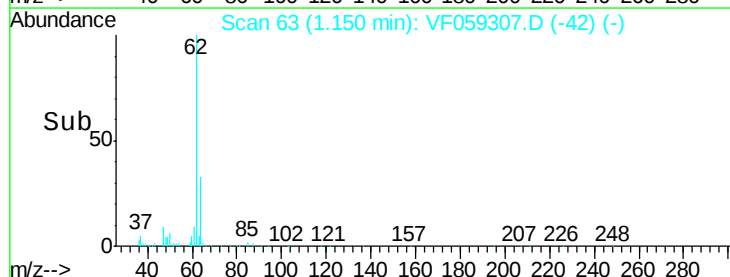
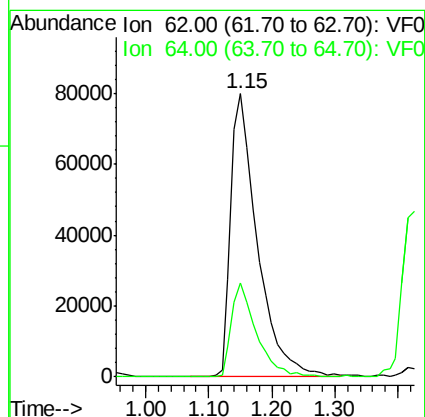
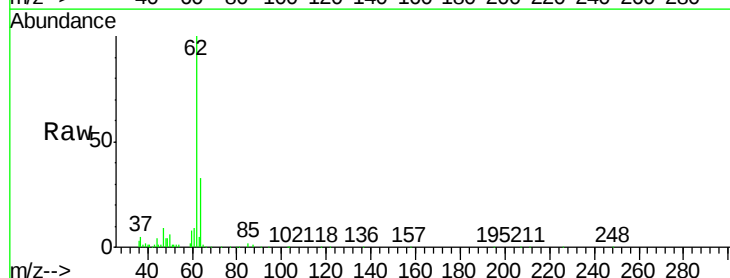
Acq: 25 Jun 2018 17:37

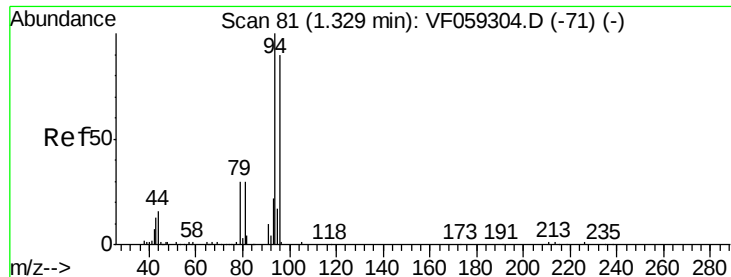
Tgt Ion: 62 Resp: 233949

Ion Ratio Lower Upper

62 100

64 33.2 26.3 39.5





#5

Bromomethane

Concen: 114.05 ug/l

RT: 1.34 min Scan# 82

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 148747

Ion Ratio Lower Upper

94 100

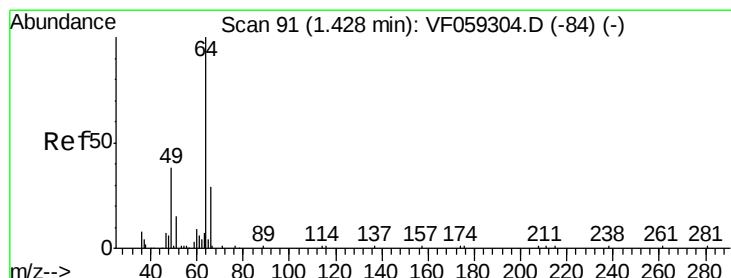
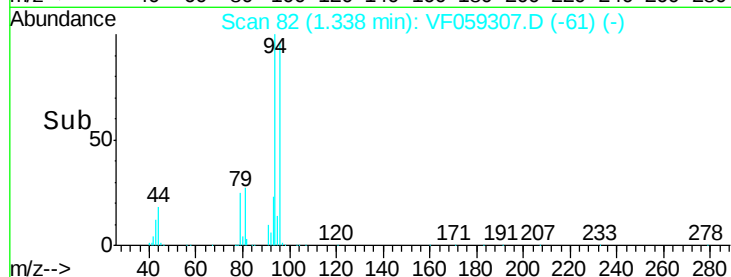
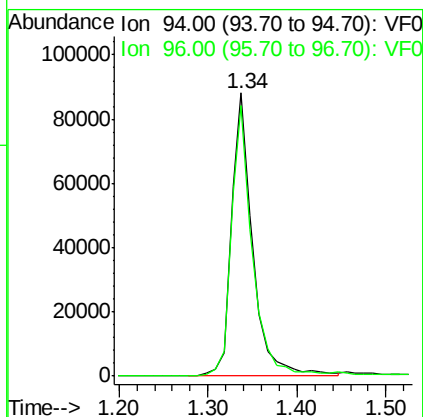
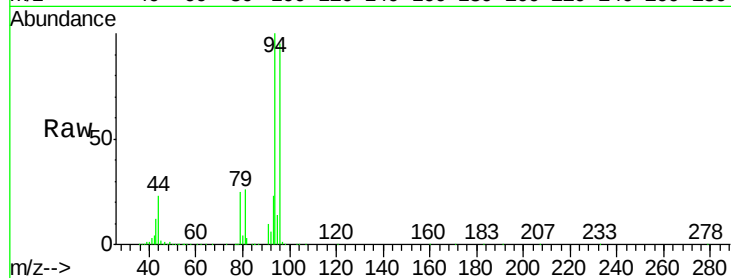
96 95.4 73.4 110.0

Manual Integrations

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#6

Chloroethane

Concen: 119.69 ug/l

RT: 1.43 min Scan# 91

Delta R.T. -0.00 min

Lab File: VF059307.D

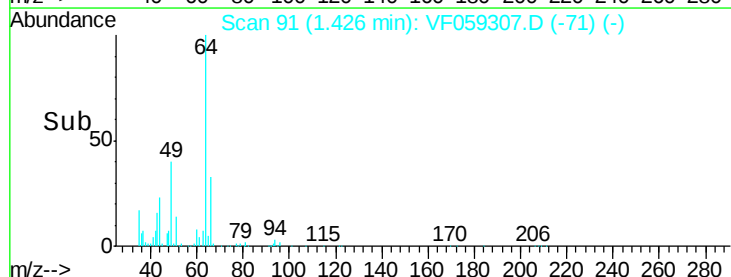
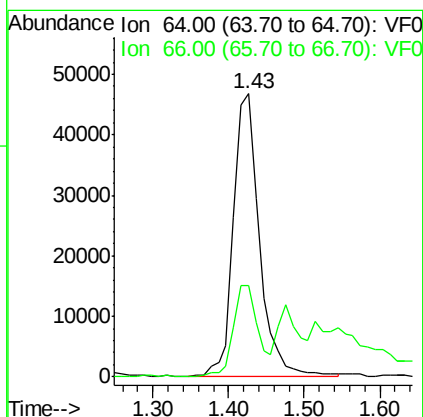
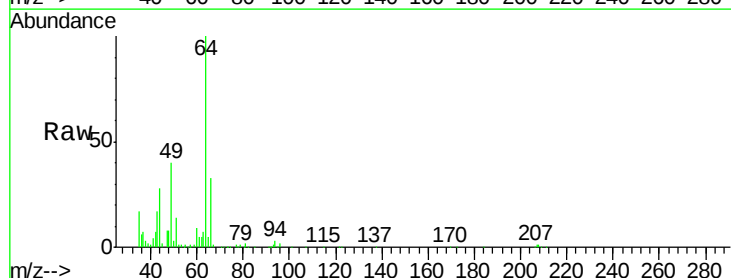
Acq: 25 Jun 2018 17:37

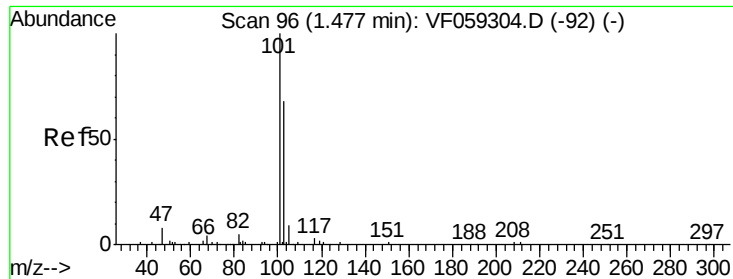
Tgt Ion: 64 Resp: 112030

Ion Ratio Lower Upper

64 100

66 32.5 23.9 35.9





#7

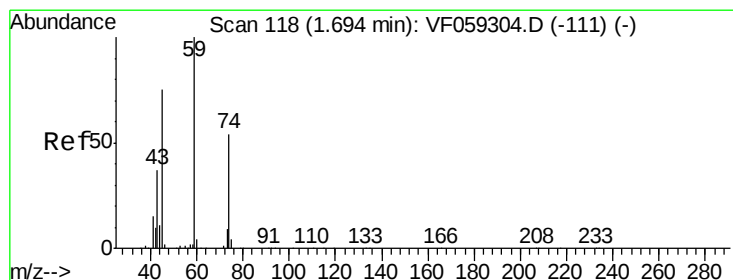
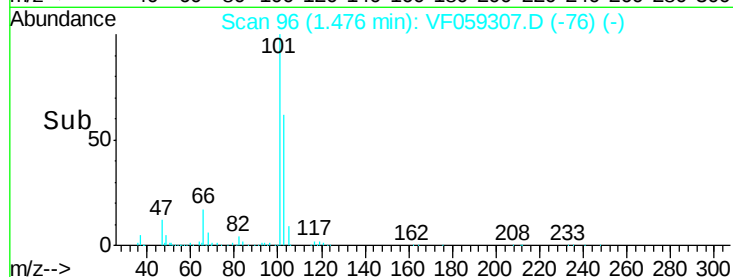
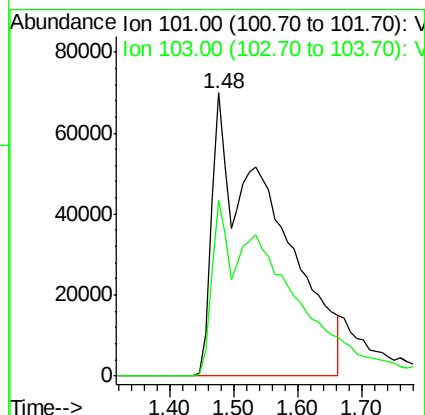
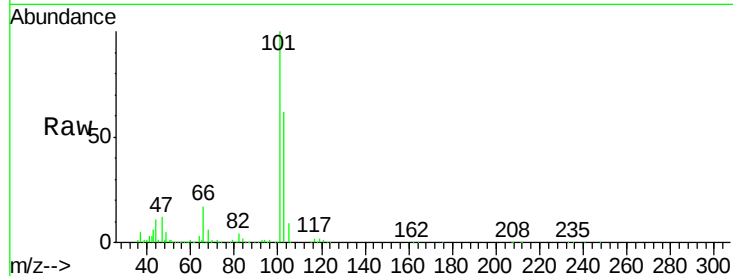
Trichlorofluoromethane  
 Concen: 123.13 ug/l m  
 RT: 1.48 min Scan# 96  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 101     | 101 | 100   |       |       |
| 103     | 103 | 62.2  | 54.2  | 81.2  |

Manual Integrations  
 APPROVED

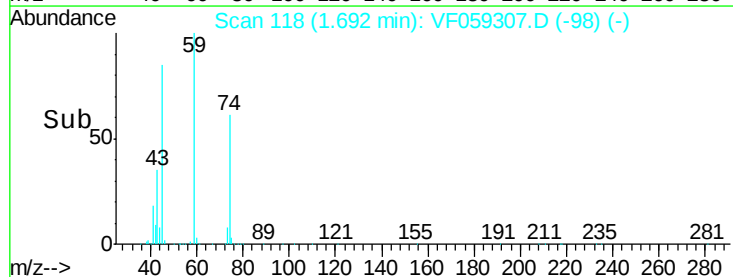
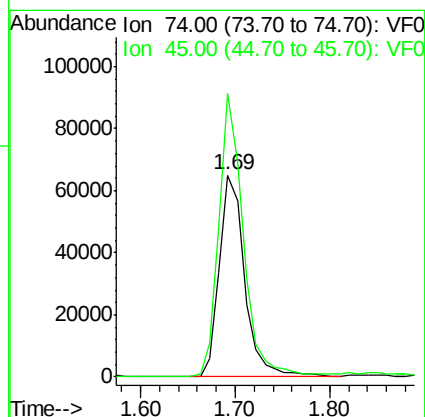
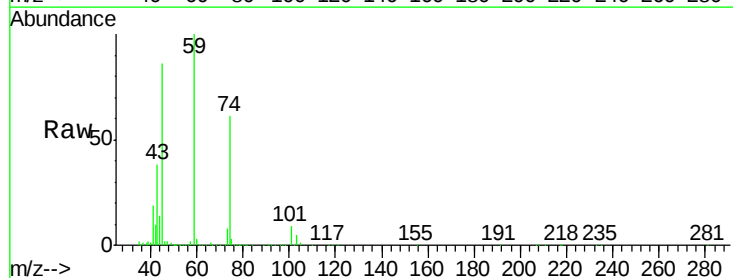
apatel  
 6/26/2018 10:04:45 AM

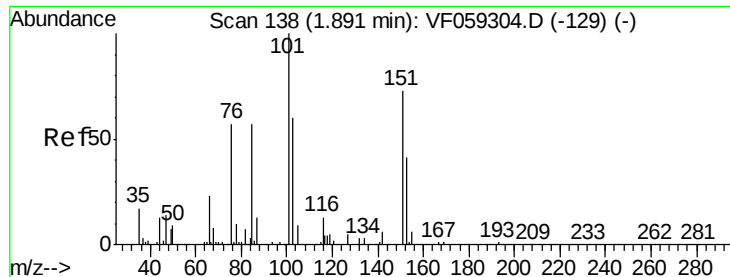


#8

Diethyl Ether  
 Concen: 140.23 ug/l  
 RT: 1.69 min Scan# 118  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 74      | 74  | 100   |       |       |
| 45      | 45  | 140.4 | 70.0  | 210.0 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 110.82 ug/l

RT: 1.89 min Scan# 138

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

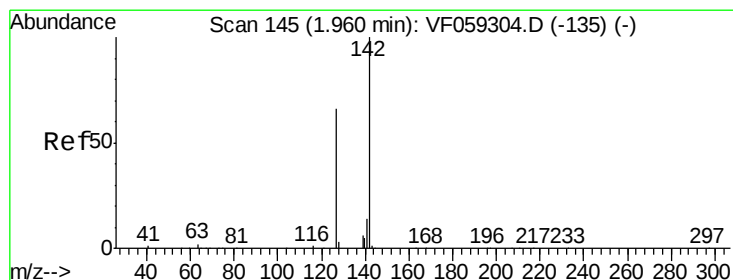
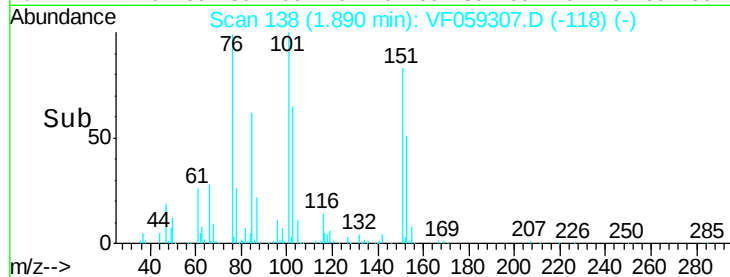
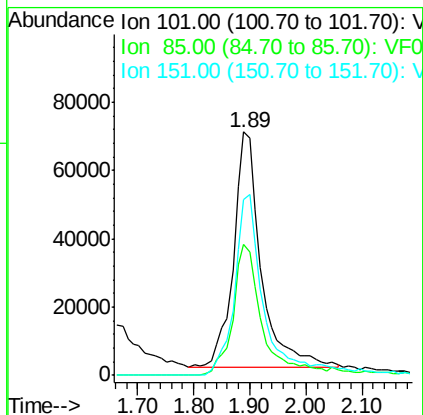
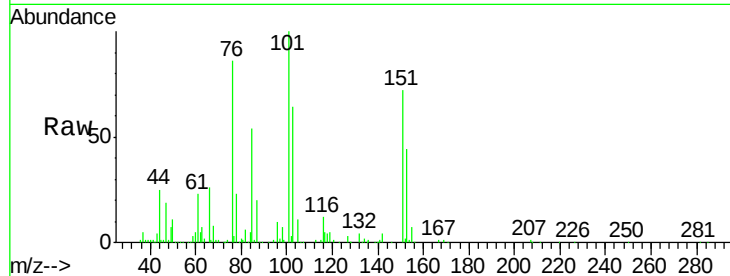
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 234479 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 53.8  | 44.5  | 66.7   |
| 151       | 72.4  | 56.8  | 85.2   |

Manual Integrations  
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apatel  
6/26/2018 10:04:45 AM



#10

Methyl Iodide

Concen: 128.30 ug/l

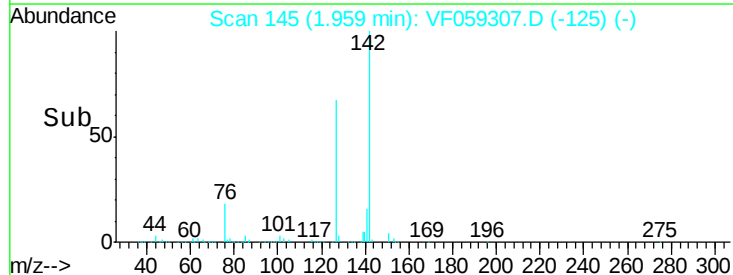
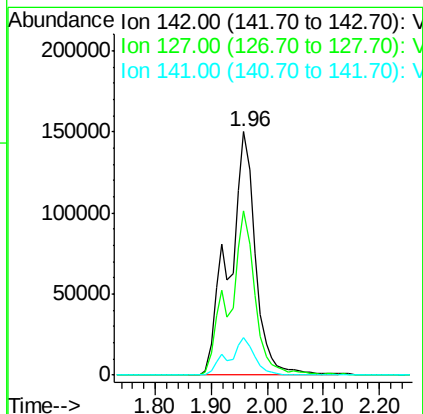
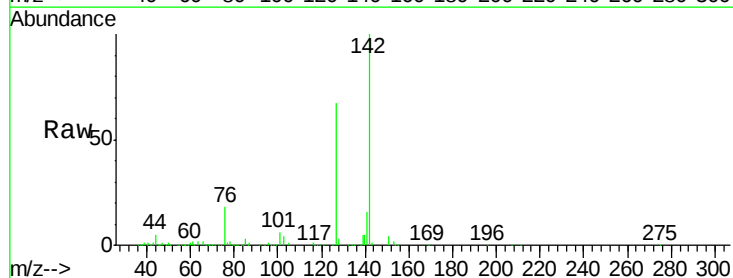
RT: 1.96 min Scan# 145

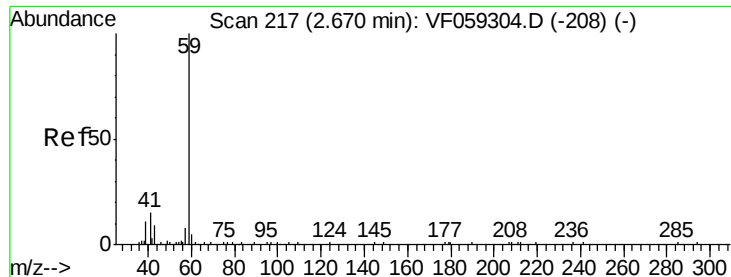
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 497871 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 67.5  | 52.5  | 78.7   |
| 141       | 15.6  | 11.5  | 17.3   |





#11

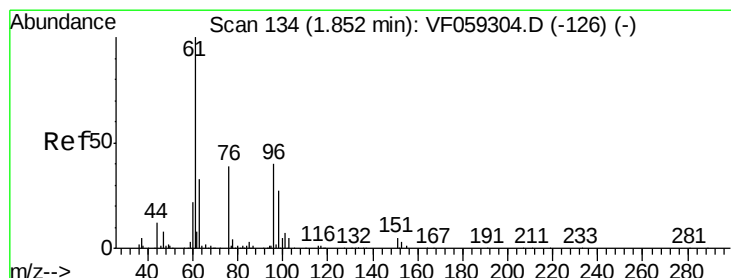
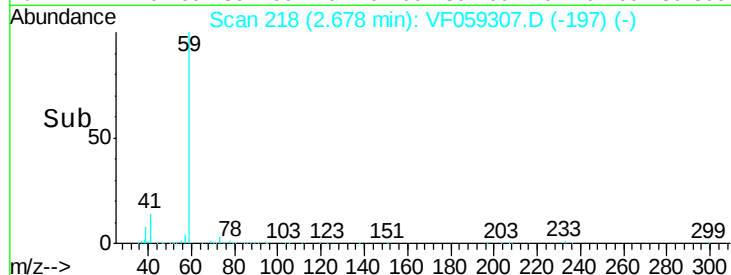
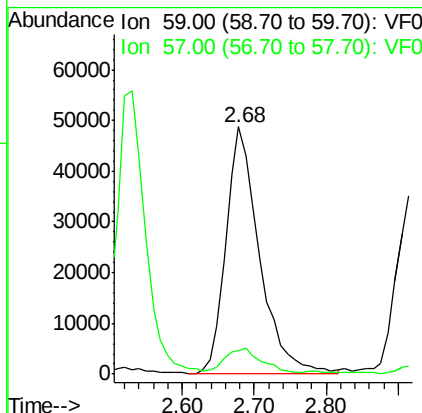
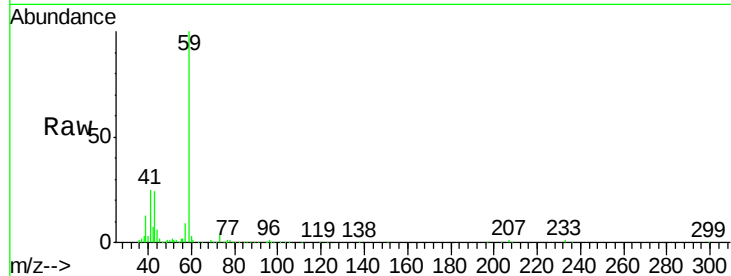
Tert butyl alcohol  
Concen: 672.07 ug/l  
RT: 2.68 min Scan# 218  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.4   | 11.0  | 16.4# |

Manual Integrations  
APPROVED

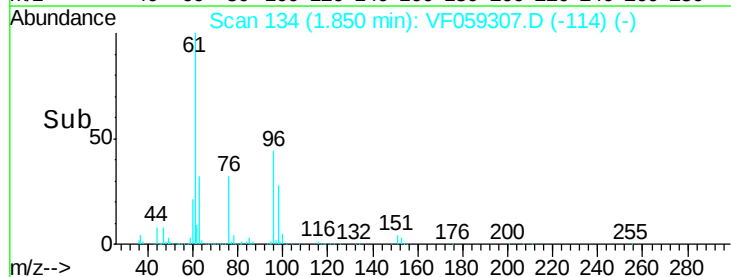
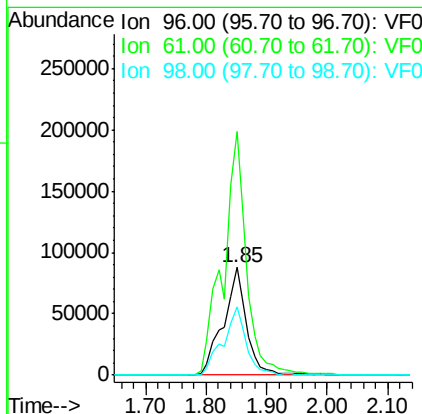
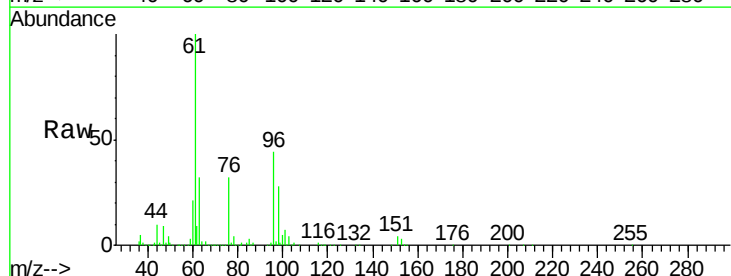
apatel  
6/26/2018 10:04:45 AM

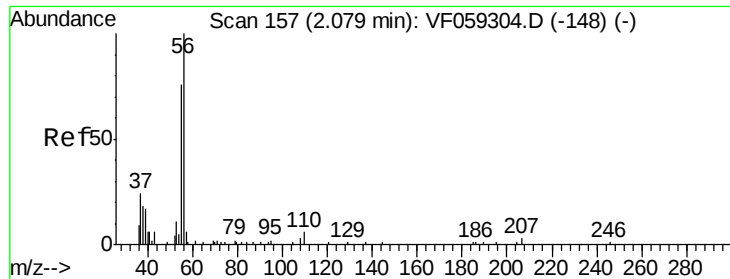


#12

1,1-Dichloroethene  
Concen: 123.76 ug/l  
RT: 1.85 min Scan# 134  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 225.7 | 201.1 | 301.7 |
| 98      | 63.9  | 53.9  | 80.9  |





#13

Acrolein

Concen: 439.55 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Tot Ion: 56 Resp: 81426

Ion Ratio Lower Upper

56 100

55 71.3 62.4 93.6

Instrument :

MSVOA\_F

ClientSampleId :

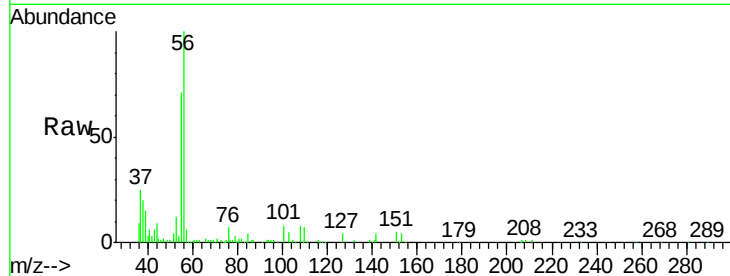
VSTDIC150

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.08

40000

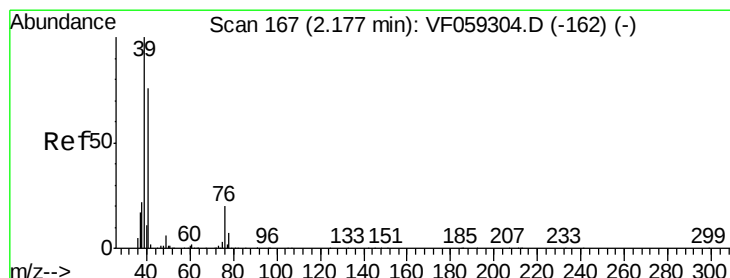
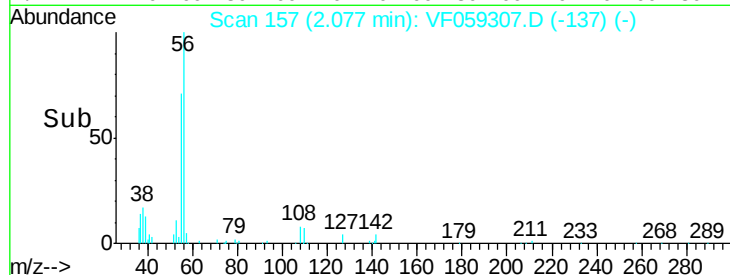
30000

20000

10000

0

Time-->



#14

Allyl chloride

Concen: 133.34 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

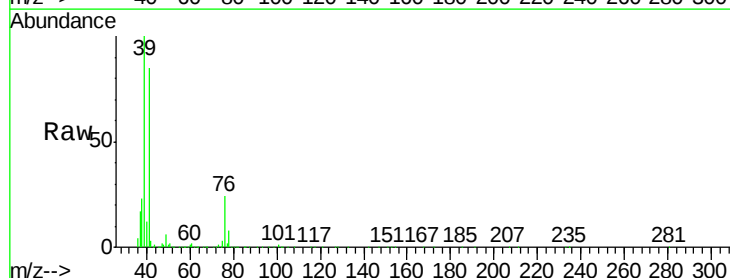
Tgt Ion: 41 Resp: 467284

Ion Ratio Lower Upper

41 100

39 117.4 105.6 158.4

76 28.4 21.6 32.4



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

2.18

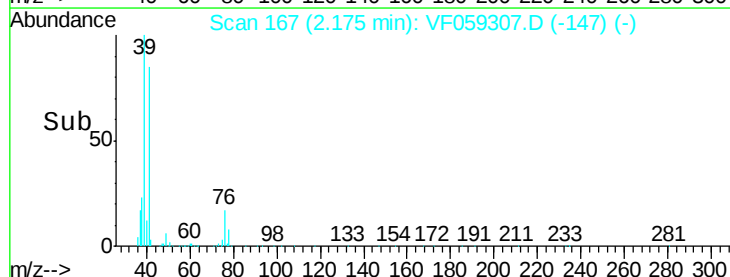
300000

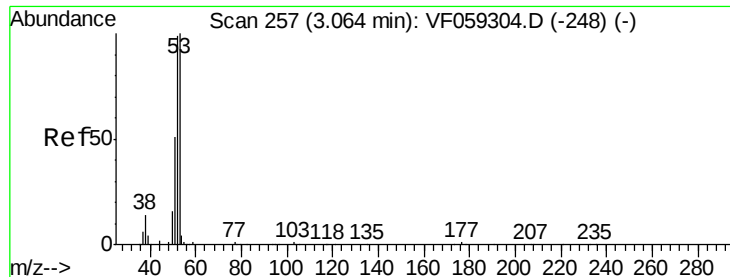
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 640.84 ug/l

RT: 3.06 min Scan# 257

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

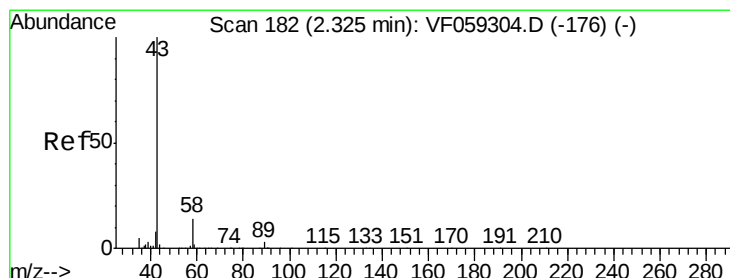
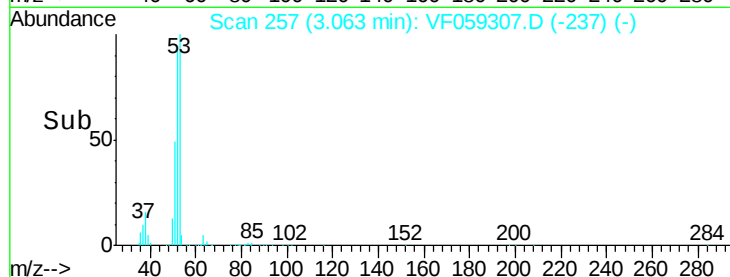
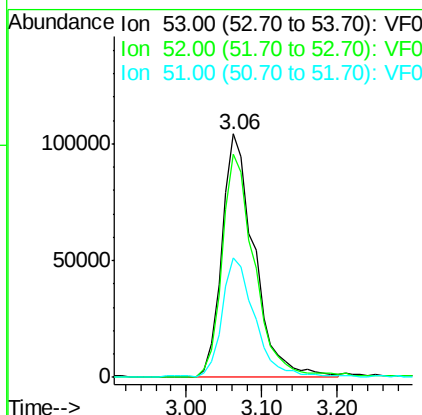
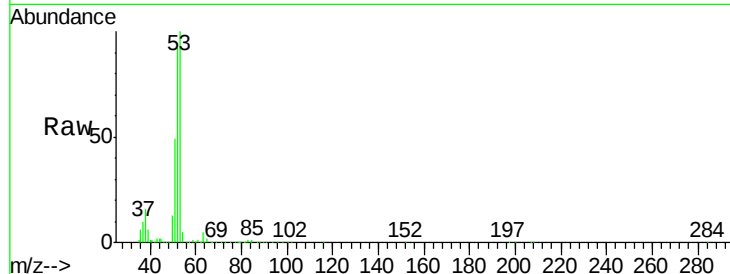
ClientSampleId :

VSTDICC150

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 308008 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 91.9 | 79.2  | 118.8  |
| 51        | 49.0 | 40.9  | 61.3   |

Manual Integrations  
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#16

Acetone

Concen: 695.32 ug/l

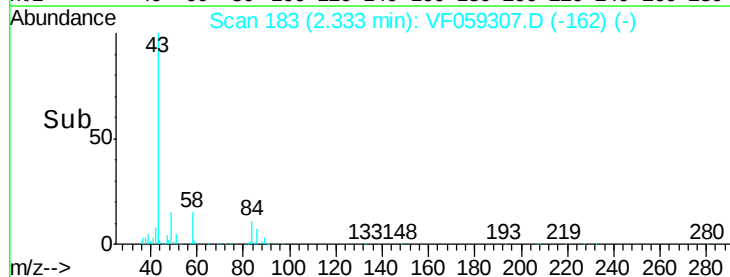
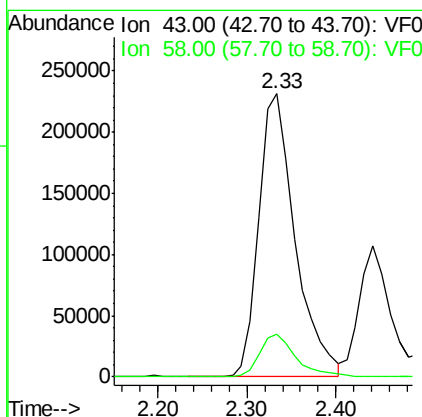
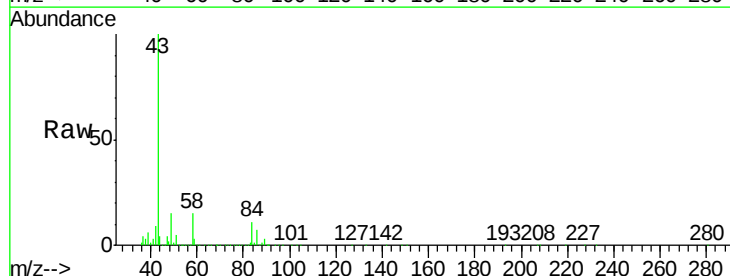
RT: 2.33 min Scan# 183

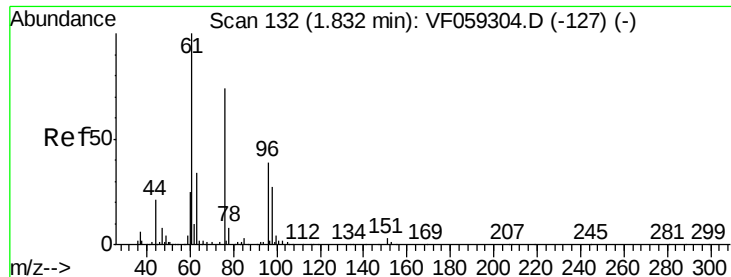
Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 649042 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 14.9 | 11.4  | 17.0   |





#17

Carbon Disulfide

Concen: 121.72 ug/l m

RT: 1.83 min Scan# 132

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 554915

Ion Ratio Lower Upper

76 100

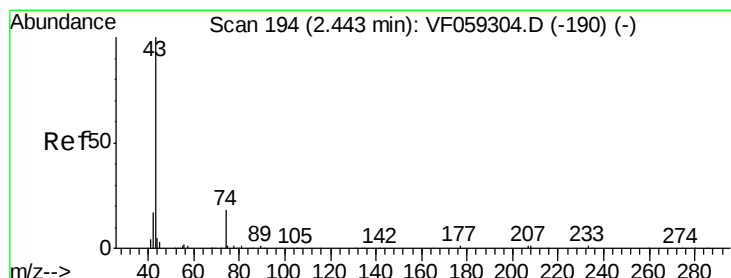
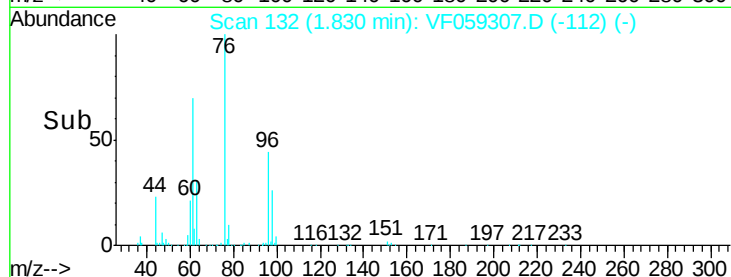
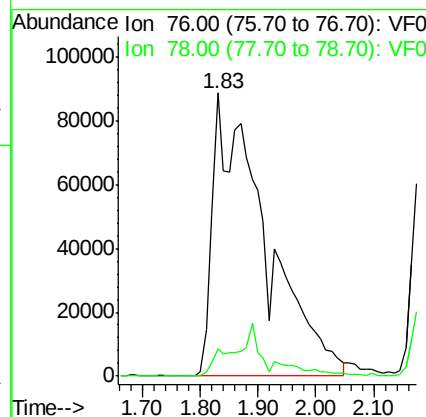
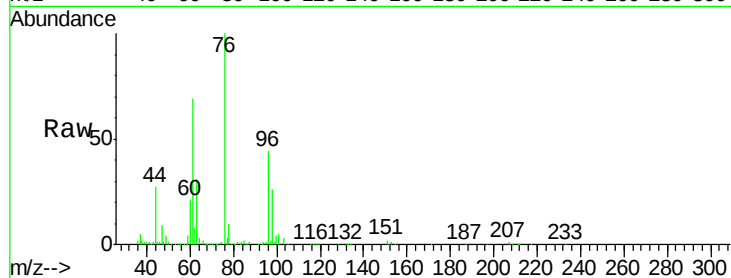
78 9.6 8.9 13.3

Manual Integrations

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#18

Methyl Acetate

Concen: 136.22 ug/l

RT: 2.44 min Scan# 194

Delta R.T. -0.00 min

Lab File: VF059307.D

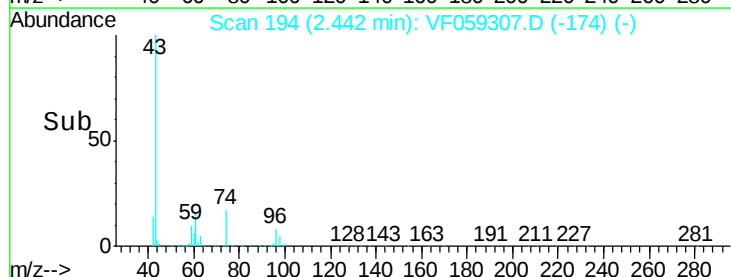
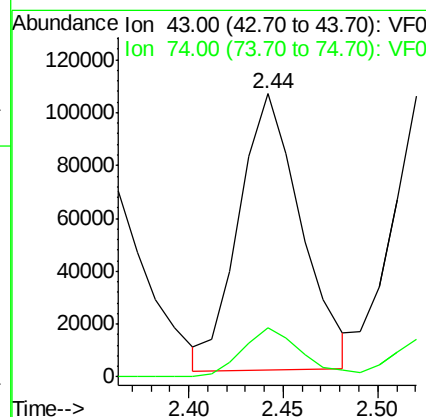
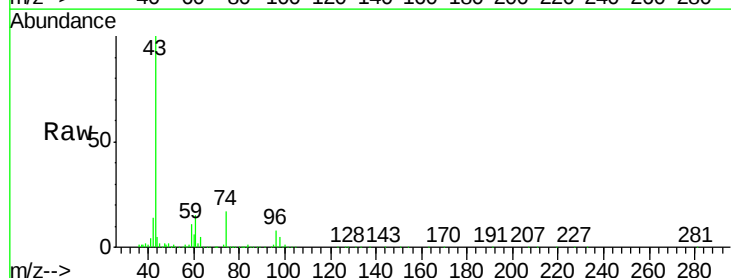
Acq: 25 Jun 2018 17:37

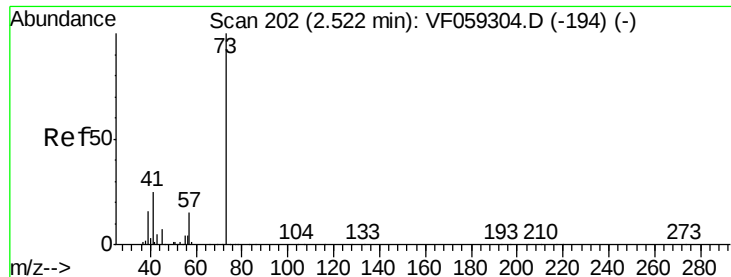
Tgt Ion: 43 Resp: 239655

Ion Ratio Lower Upper

43 100

74 17.3 13.3 19.9





#19

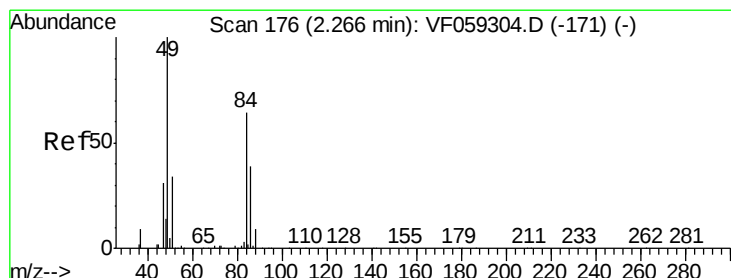
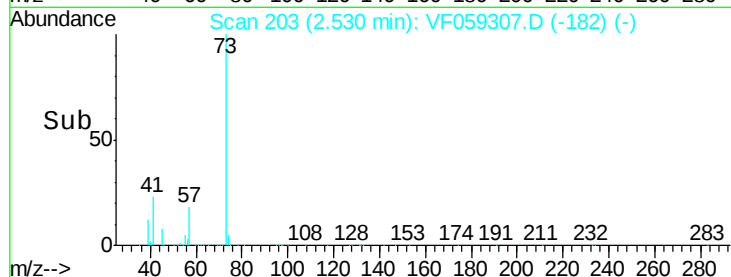
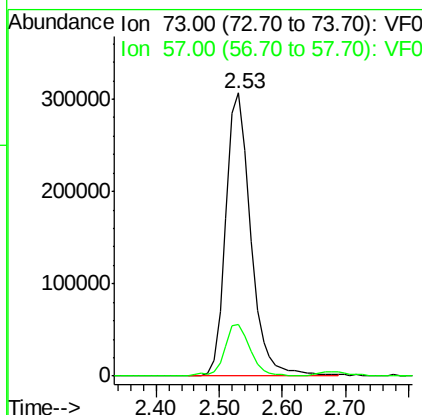
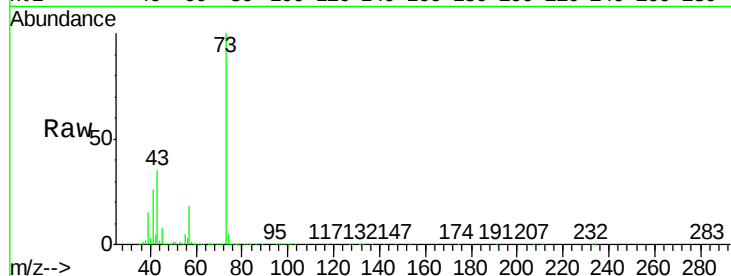
Methyl tert-butyl Ether  
 Concen: 132.16 ug/l  
 RT: 2.53 min Scan# 203  
 Delta R.T. 0.01 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.2  | 12.3  | 18.5  |

Manual Integrations  
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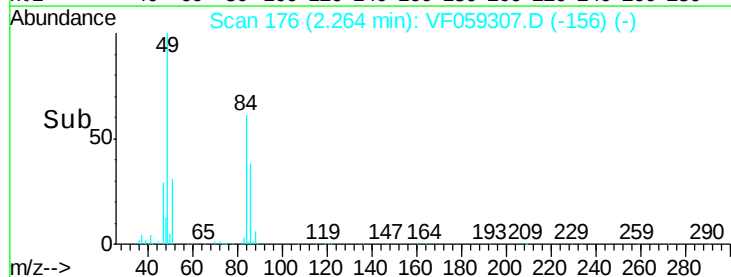
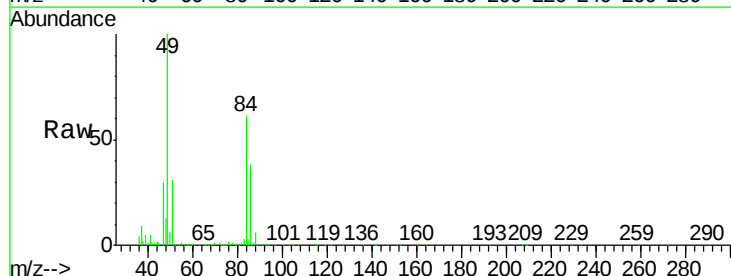
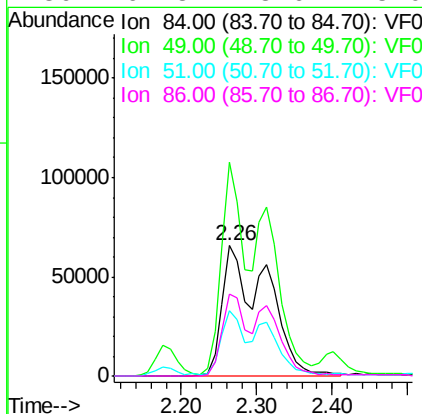
apatel  
 6/26/2018 10:04:45 AM

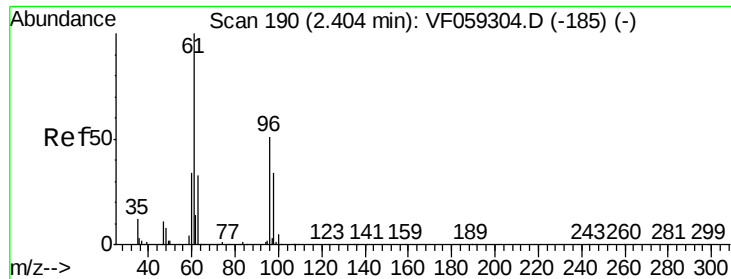


#20

Methylene Chloride  
 Concen: 131.78 ug/l m  
 RT: 2.26 min Scan# 176  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 164.2 | 126.5 | 189.7 |
| 51      | 50.4  | 42.9  | 64.3  |
| 86      | 62.8  | 48.6  | 73.0  |





#21

trans-1,2-Dichloroethene

Concen: 131.08 ug/l

RT: 2.40 min Scan# 190

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

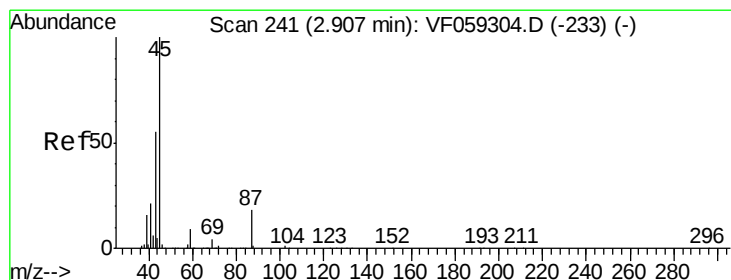
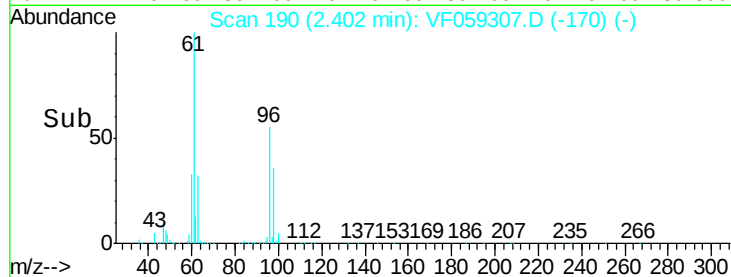
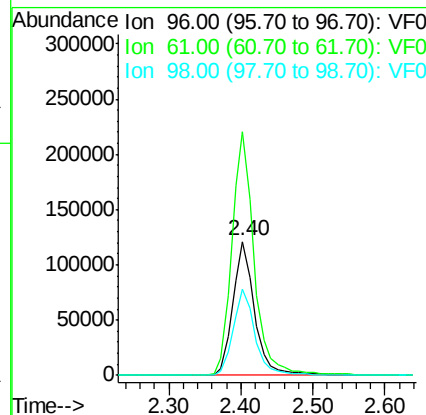
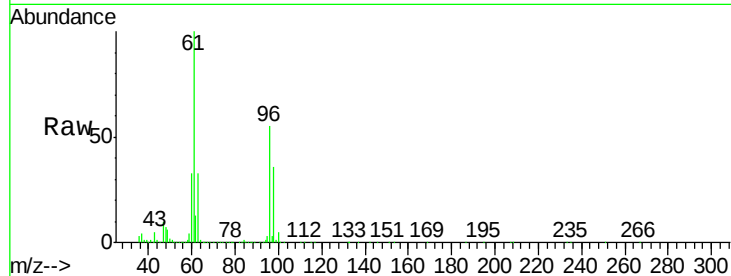
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 255298 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 181.7 | 157.4 | 236.2  |
| 98        | 64.6  | 53.7  | 80.5   |

Manual Integrations  
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apatel  
6/26/2018 10:04:45 AM



#22

Diisopropyl ether

Concen: 135.78 ug/l

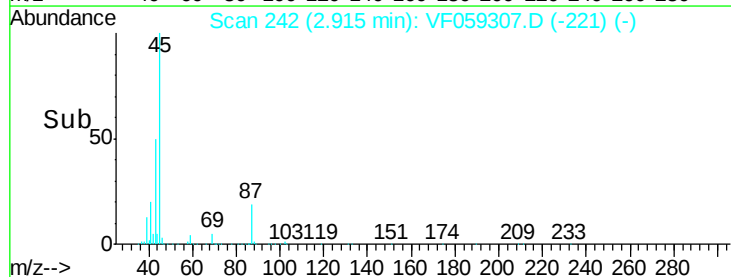
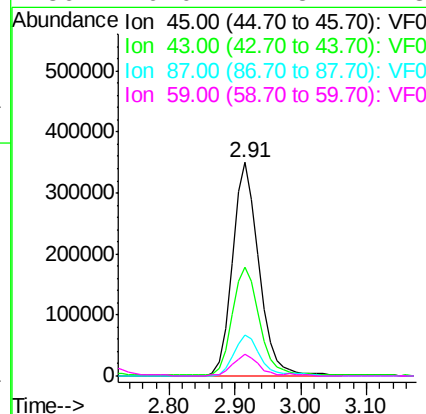
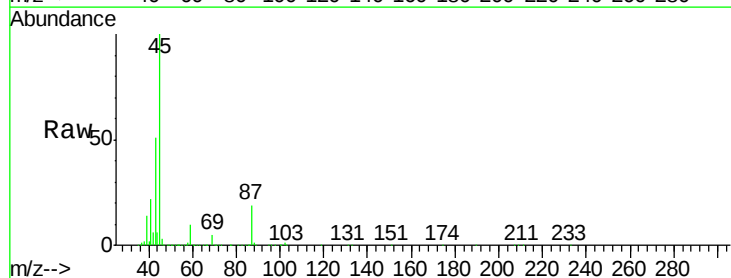
RT: 2.91 min Scan# 242

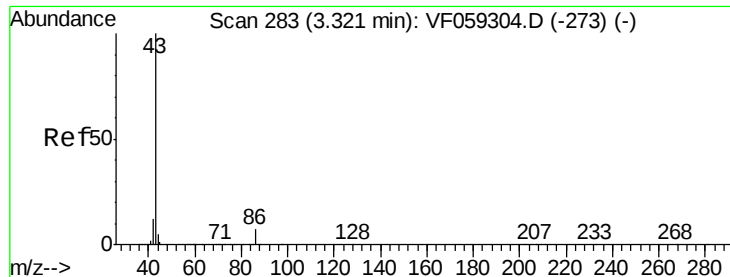
Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 989140 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 51.2  | 44.6  | 66.8   |
| 87        | 19.0  | 14.3  | 21.5   |
| 59        | 10.0  | 7.5   | 11.3   |





#23

Vinyl Acetate

Concen: 627.76 ug/l

RT: 3.32 min Scan# 283

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICC150

Tot Ion: 43 Resp: 2929685

Ion Ratio Lower Upper

43 100

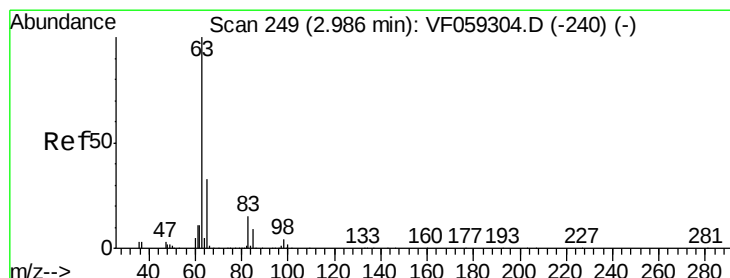
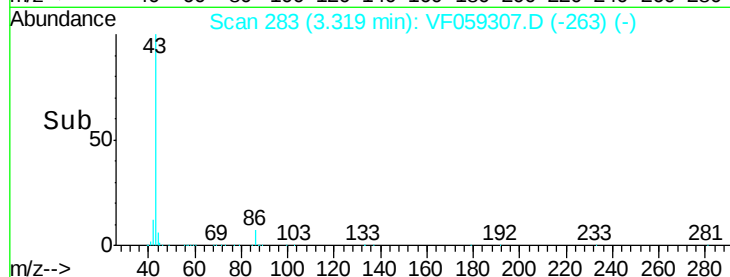
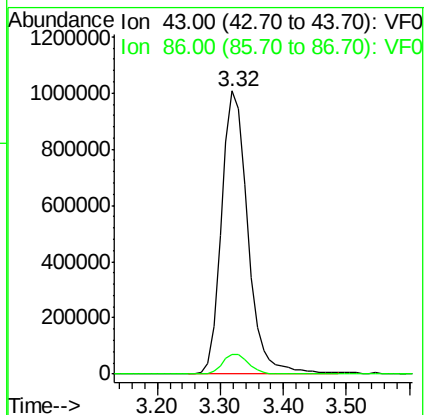
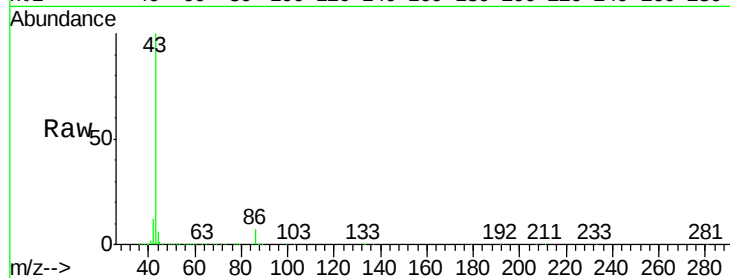
86 7.1 5.8 8.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 125.80 ug/l

RT: 2.99 min Scan# 250

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

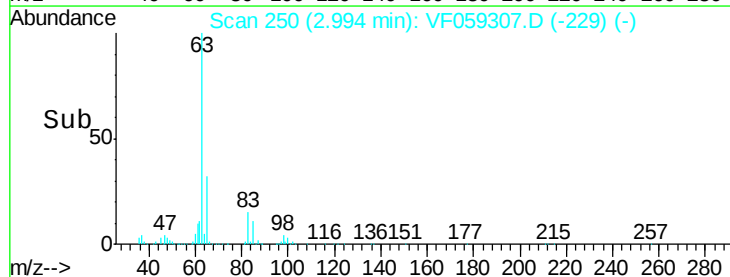
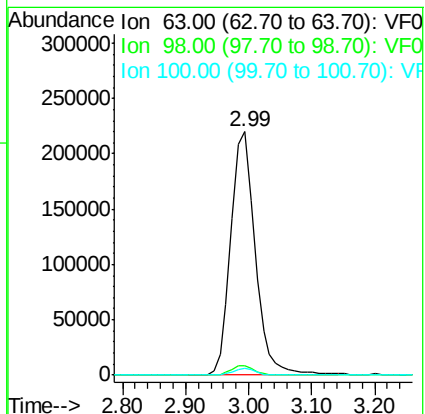
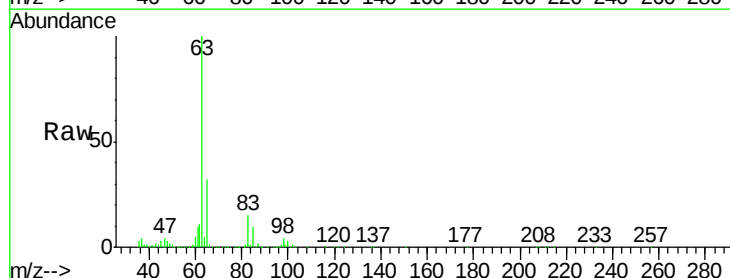
Tgt Ion: 63 Resp: 591810

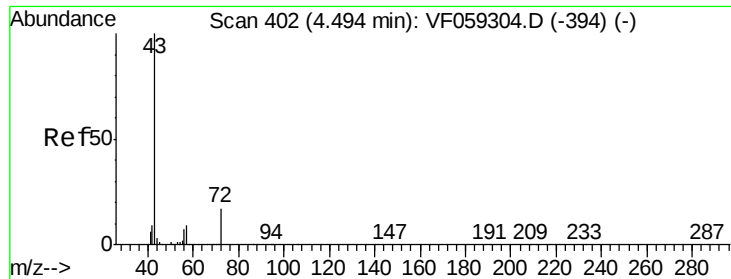
Ion Ratio Lower Upper

63 100

98 4.0 2.0 6.0

100 2.6 1.3 3.9





#25

2-Butanone

Concen: 665.39 ug/l

RT: 4.49 min Scan# 402

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 810701

Ion Ratio Lower Upper

43 100

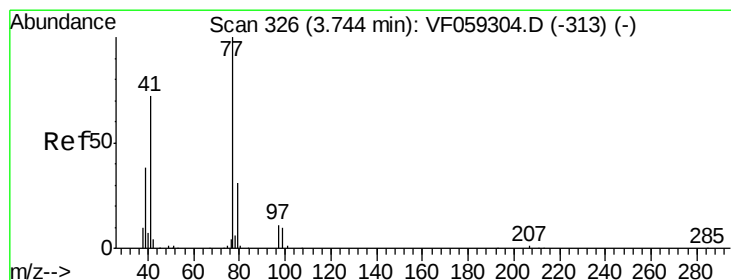
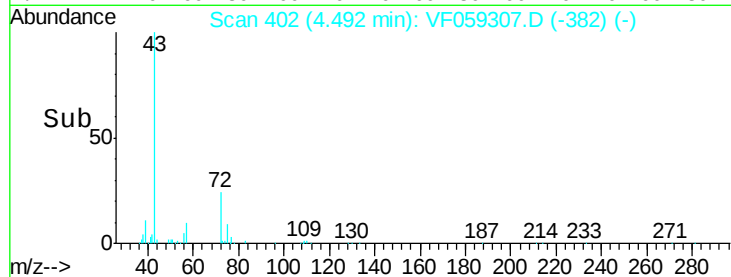
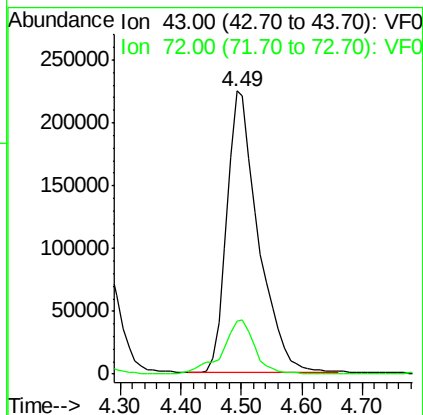
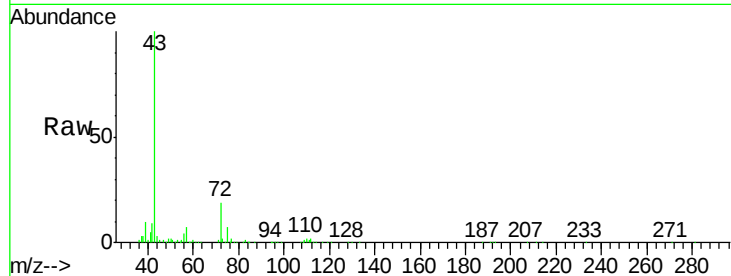
72 18.9 14.4 21.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 115.88 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF059307.D

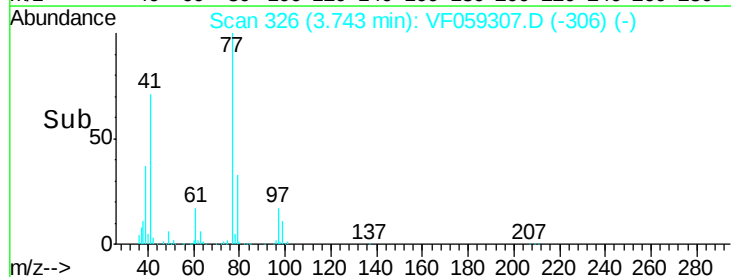
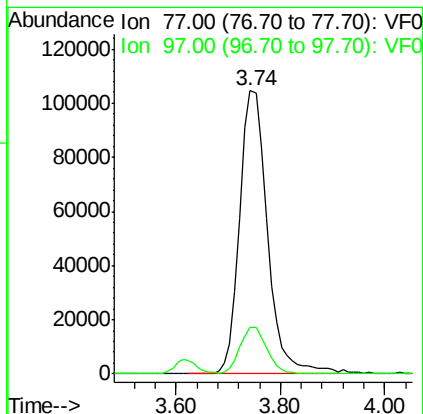
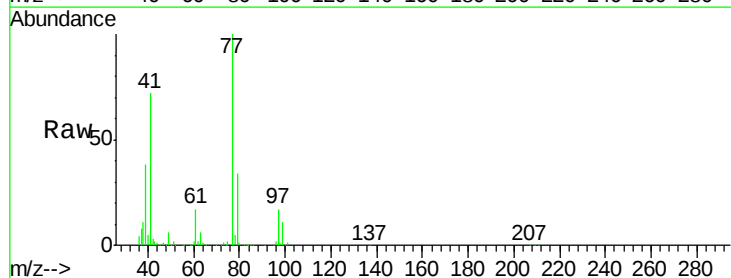
Acq: 25 Jun 2018 17:37

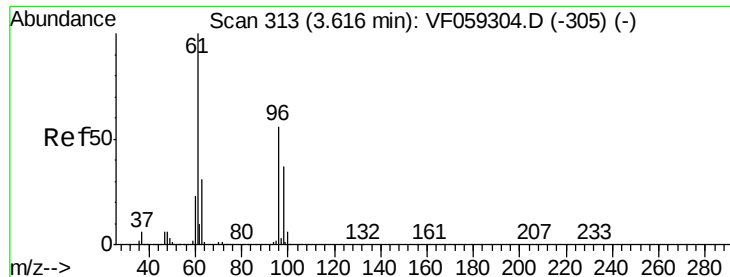
Tgt Ion: 77 Resp: 377859

Ion Ratio Lower Upper

77 100

97 16.5 8.0 23.8





#27

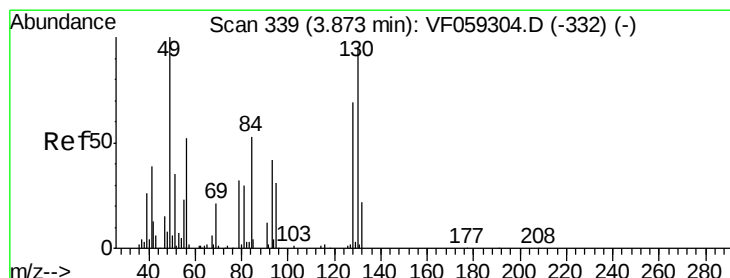
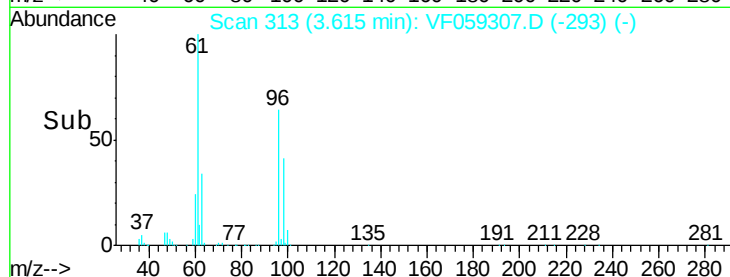
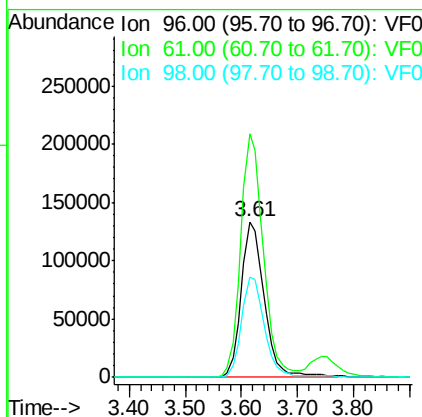
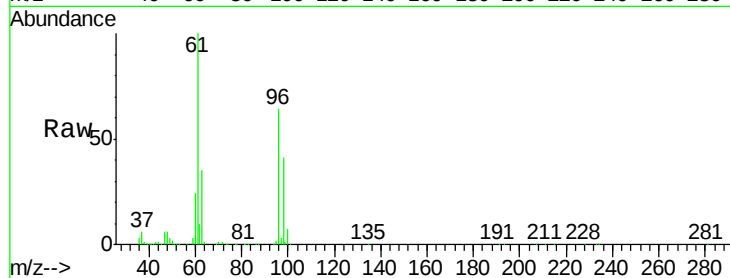
cis-1,2-Dichloroethene  
Concen: 128.50 ug/l  
RT: 3.61 min Scan# 313  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 381260 |       |       |
| 61      | 156.6 | 0.0    | 355.4 |       |
| 98      | 64.3  | 0.0    | 131.0 |       |

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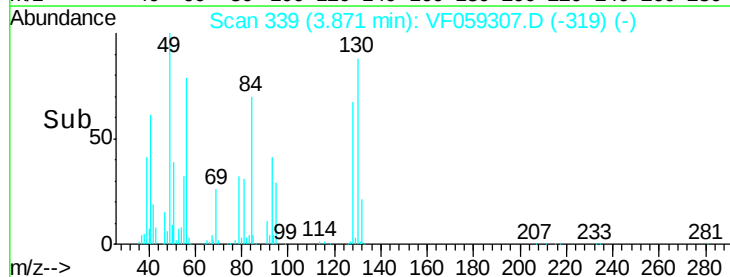
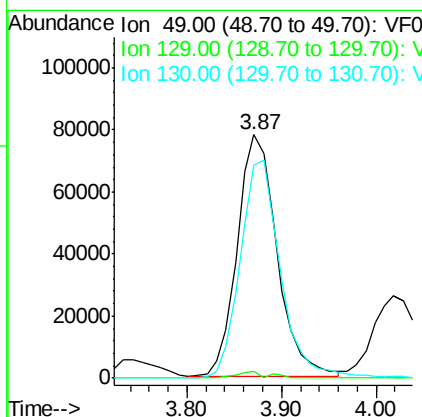
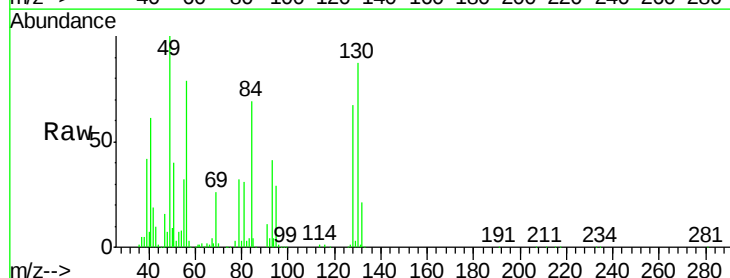
apatel  
6/26/2018 10:04:45 AM

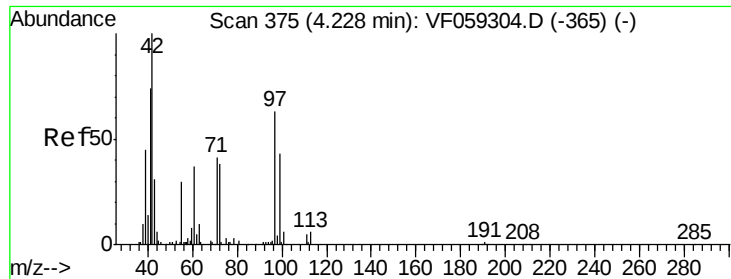


#28

Bromochloromethane  
Concen: 115.61 ug/l  
RT: 3.87 min Scan# 339  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 227247 |       |       |
| 129     | 3.1   | 0.0    | 6.4   |       |
| 130     | 87.3  | 75.1   | 112.7 |       |





#29

Tetrahydrofuran

Concen: 614.31 ug/l

RT: 4.24 min Scan# 376

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

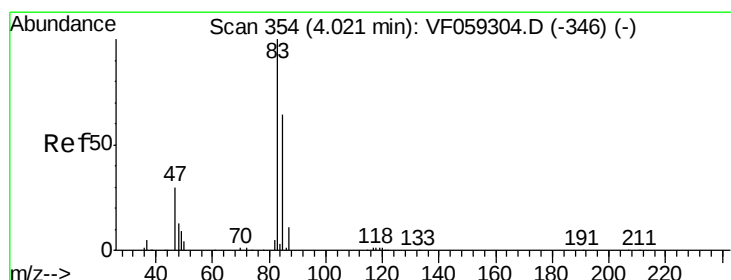
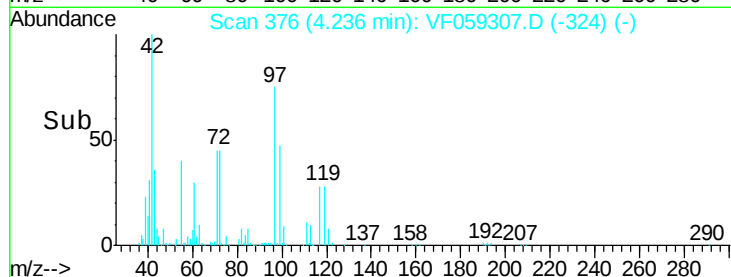
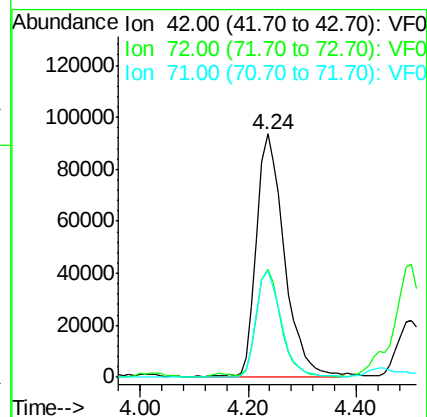
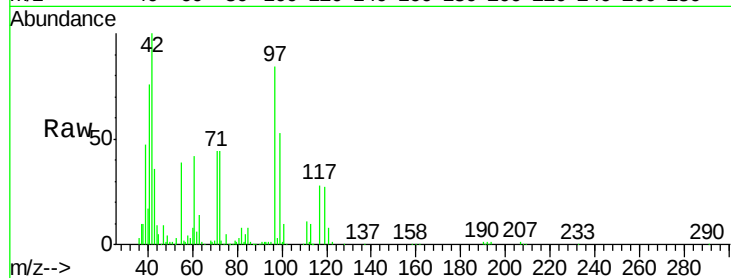
ClientSampleId :

VSTDIC150

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 335440 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 39.0 | 30.5  | 45.7   |
| 71        | 39.6 | 32.5  | 48.7   |

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#30

Chloroform

Concen: 124.06 ug/l

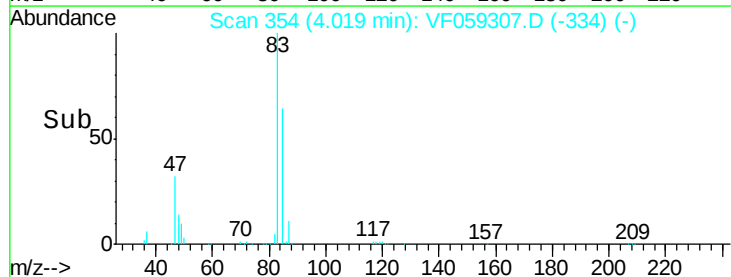
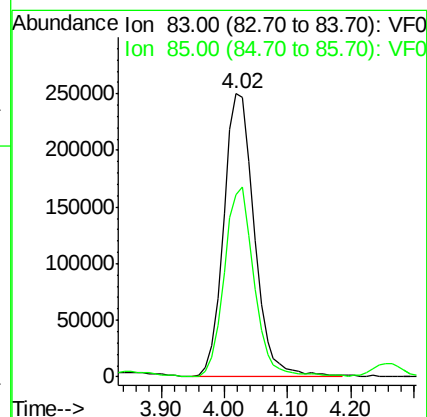
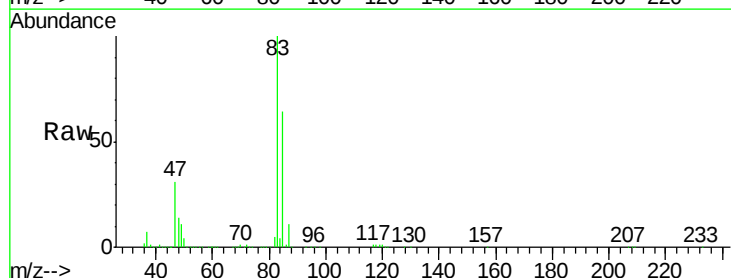
RT: 4.02 min Scan# 354

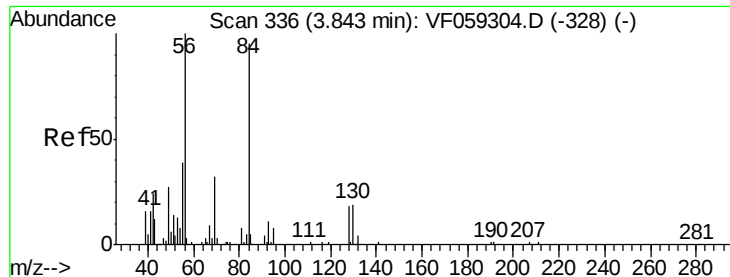
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 843550 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.2 | 51.3  | 76.9   |





#31

Cyclohexane

Concen: 120.25 ug/l

RT: 3.84 min Scan# 336

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 383285

Ion Ratio Lower Upper

56 100

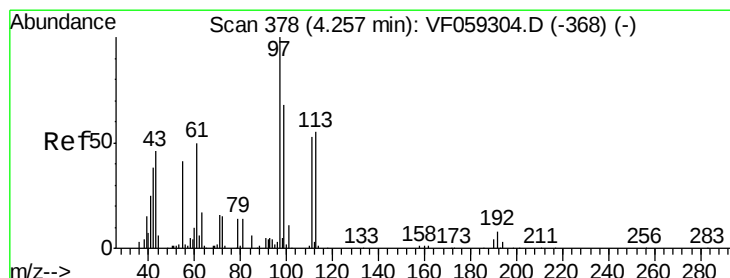
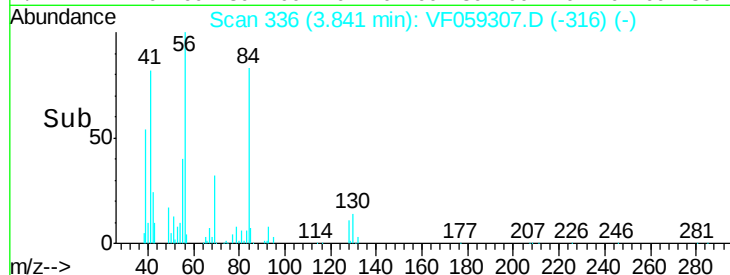
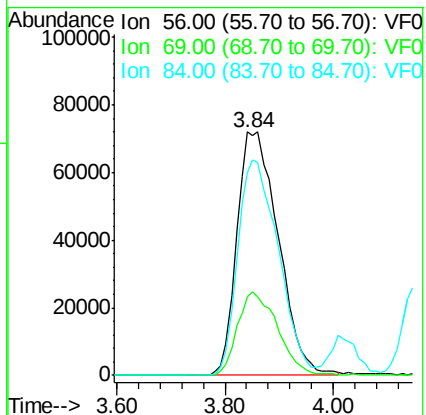
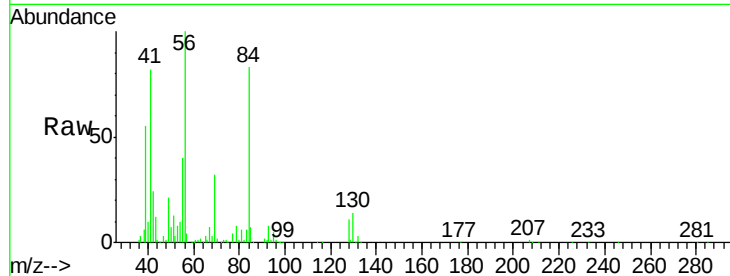
69 32.1 25.8 38.8

84 83.3 75.6 113.4

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#32

1,1,1-Trichloroethane

Concen: 115.97 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

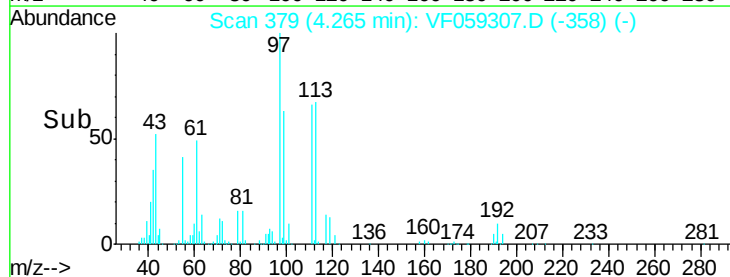
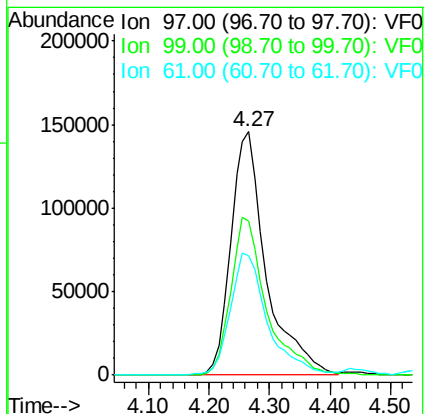
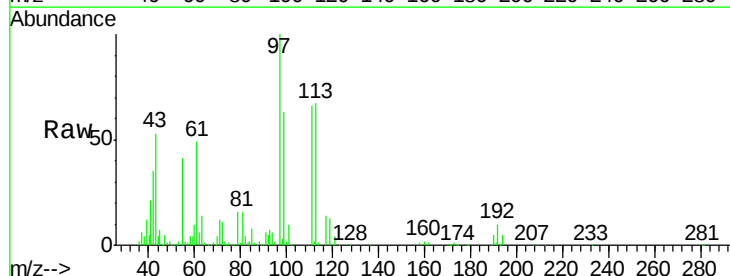
Tgt Ion: 97 Resp: 591425

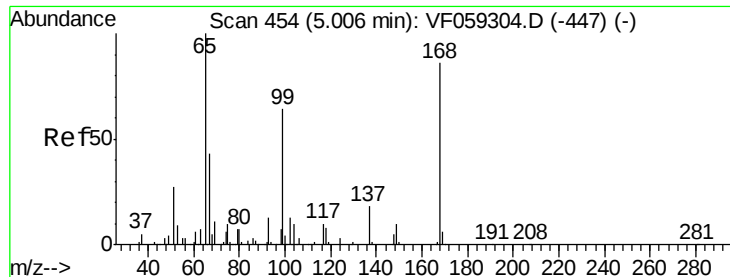
Ion Ratio Lower Upper

97 100

99 63.4 54.1 81.1

61 49.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 124.65 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Tot Ion: 65 Resp: 476793

Ion Ratio Lower Upper

65 100

67 44.5 0.0 96.8

Instrument :

MSVOA\_F

ClientSampleId :

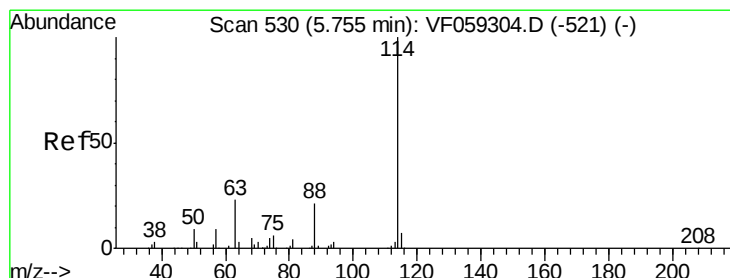
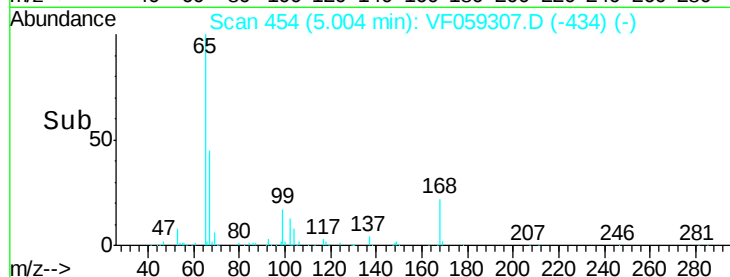
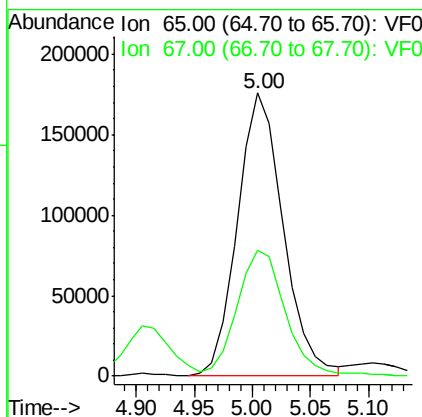
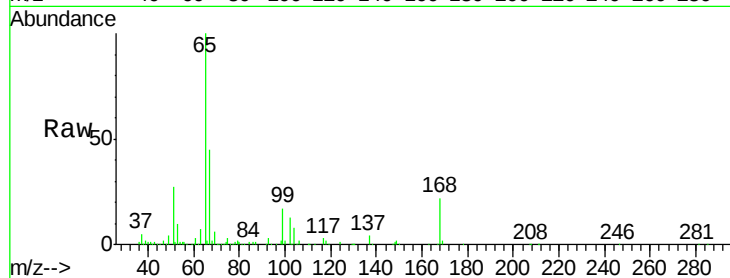
VSTDIC150

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

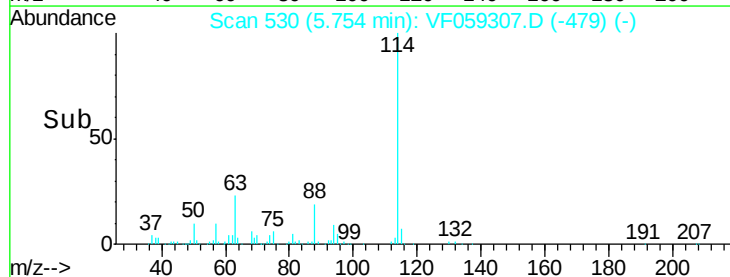
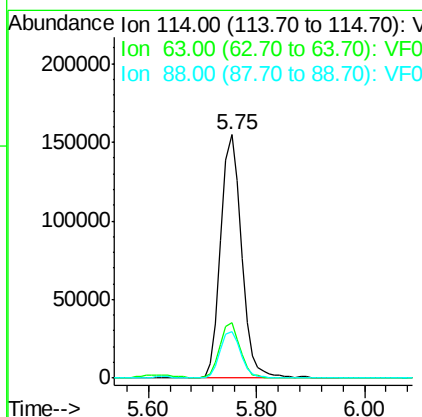
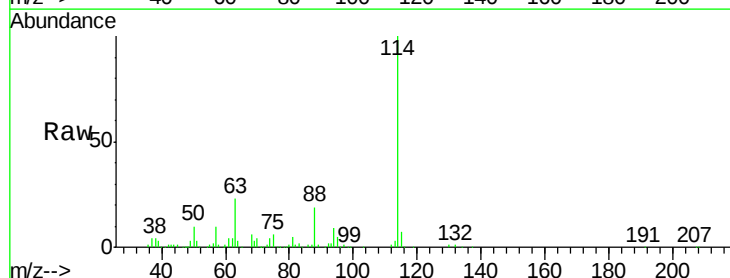
Tgt Ion: 114 Resp: 413972

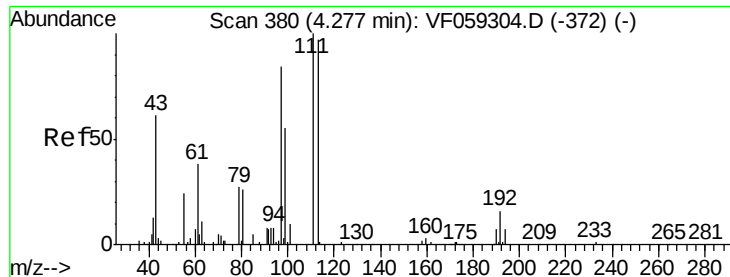
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.8

88 19.3 0.0 41.2





#35

Dibromofluoromethane

Concen: 120.06 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059307.D

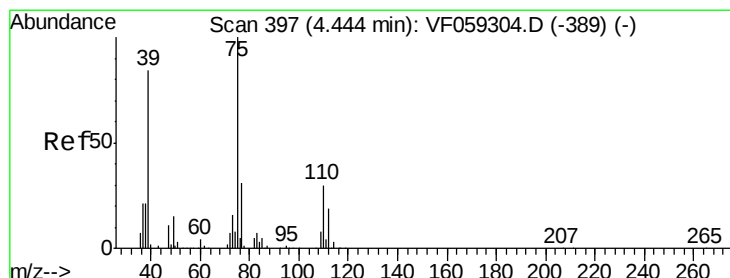
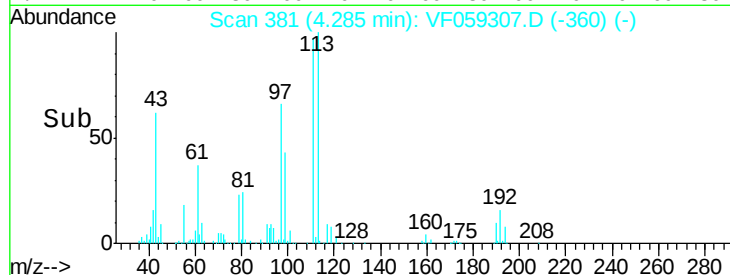
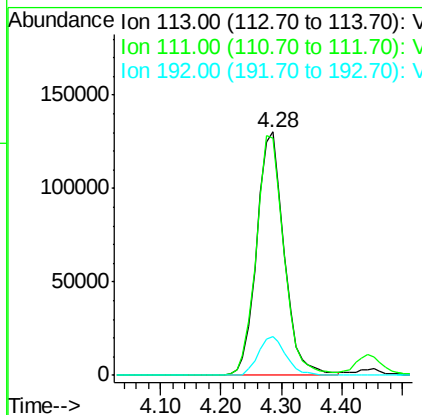
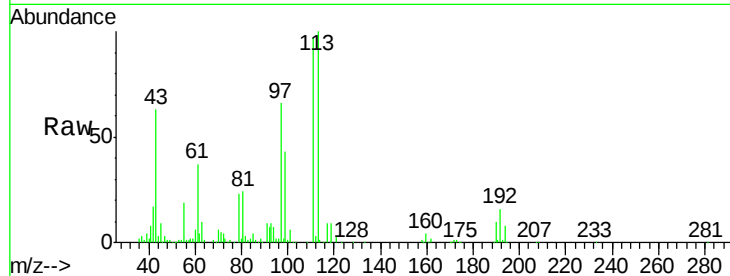
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 408332 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 97.3  | 82.1  | 123.1  |
| 192       | 16.2  | 13.0  | 19.6   |

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#36

1,1-Dichloropropene

Concen: 126.52 ug/l

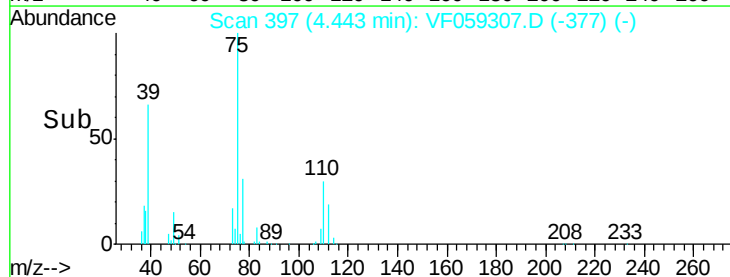
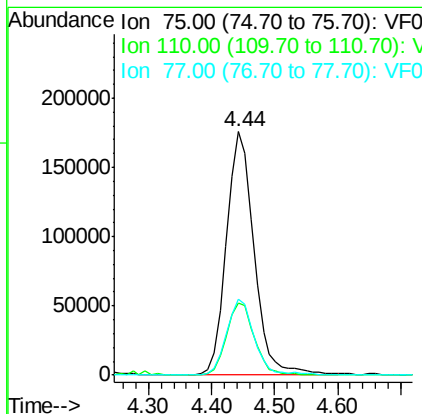
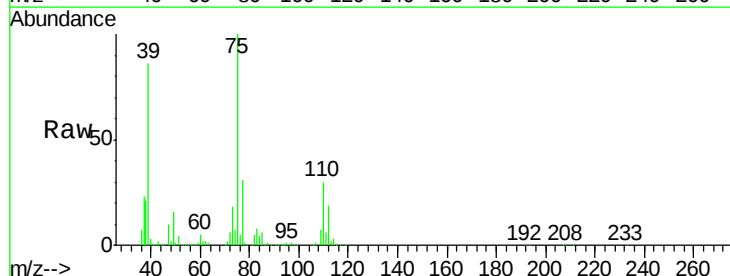
RT: 4.44 min Scan# 397

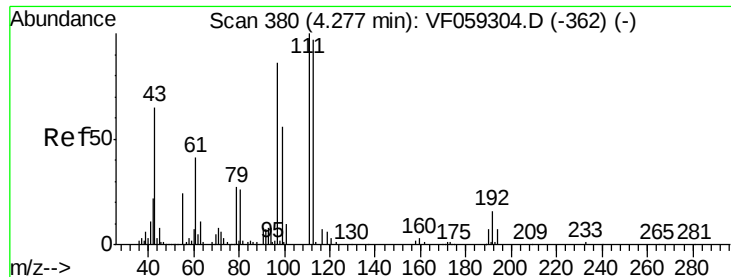
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 530223 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 29.6  | 14.8  | 44.4   |
| 77        | 31.2  | 25.2  | 37.8   |





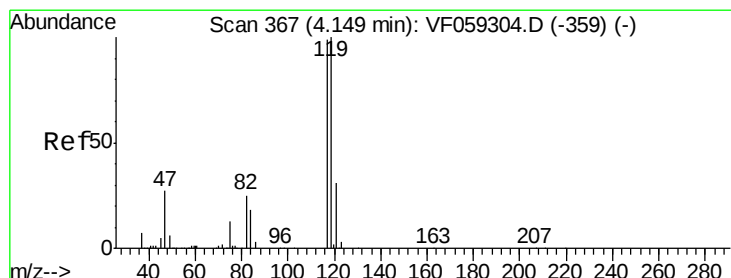
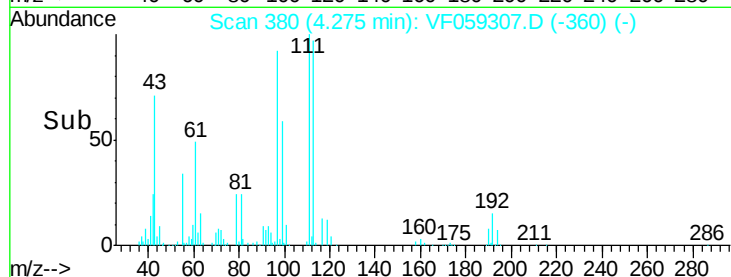
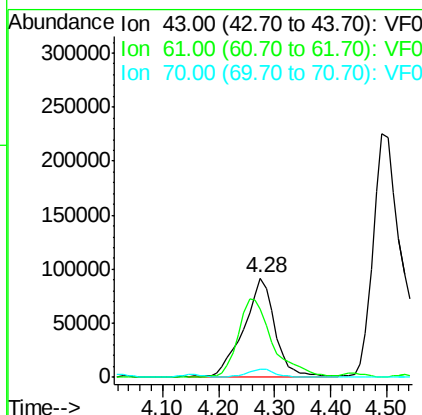
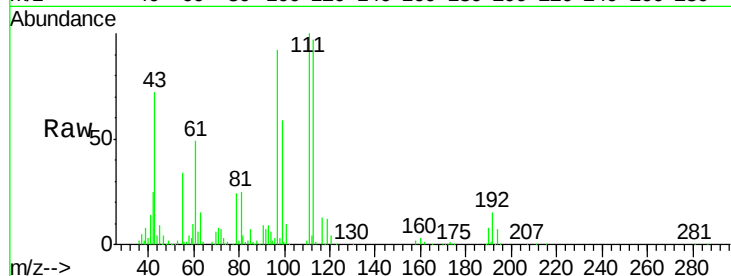
#37  
Ethyl Acetate  
Concen: 126.14 ug/l  
RT: 4.28 min Scan# 380  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 68.7  | 50.1  | 75.1  |
| 70      | 8.1   | 6.2   | 9.4   |

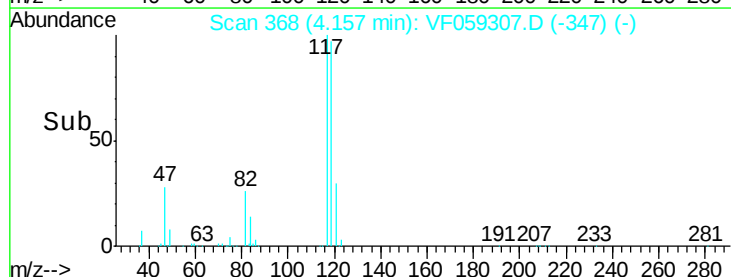
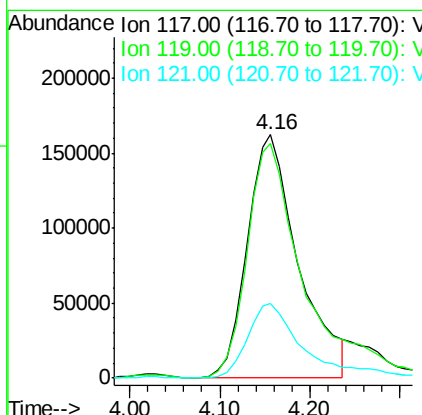
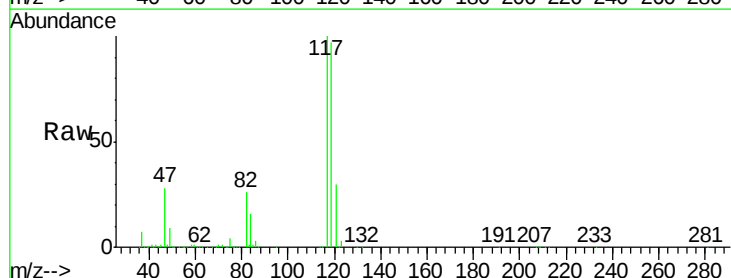
Manual Integrations  
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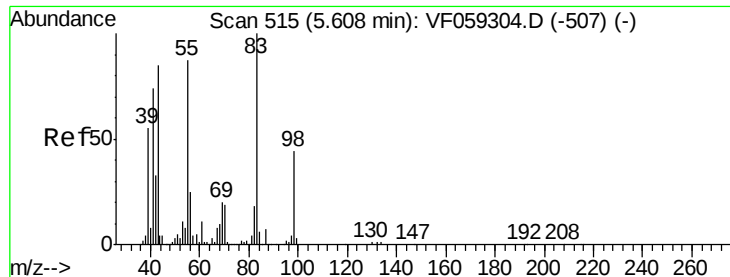
apatel  
6/26/2018 10:04:45 AM



#38  
Carbon Tetrachloride  
Concen: 125.06 ug/l m  
RT: 4.16 min Scan# 368  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.6  | 81.0  | 121.4 |
| 121     | 30.5  | 24.7  | 37.1  |





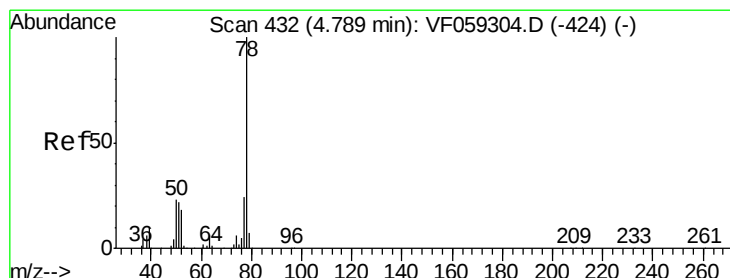
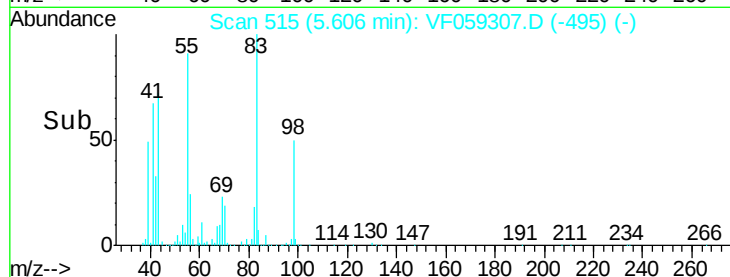
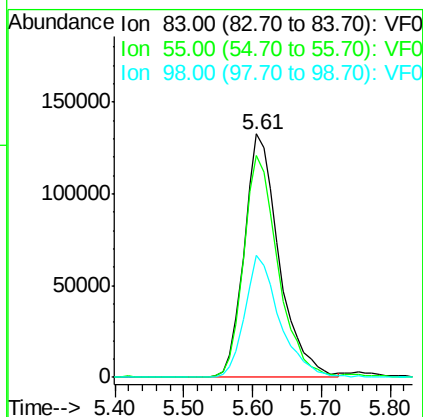
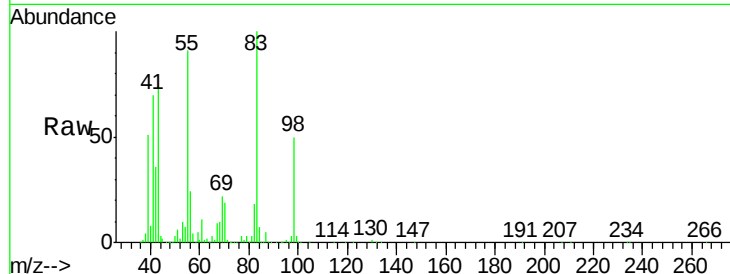
#39  
Methylcyclohexane  
Concen: 123.70 ug/l  
RT: 5.61 min Scan# 515  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 91.3  | 69.2  | 103.8 |
| 98      | 50.2  | 35.0  | 52.6  |

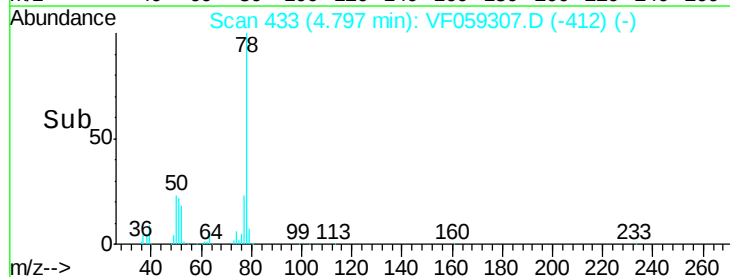
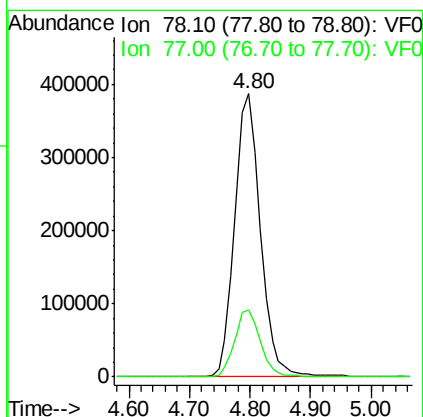
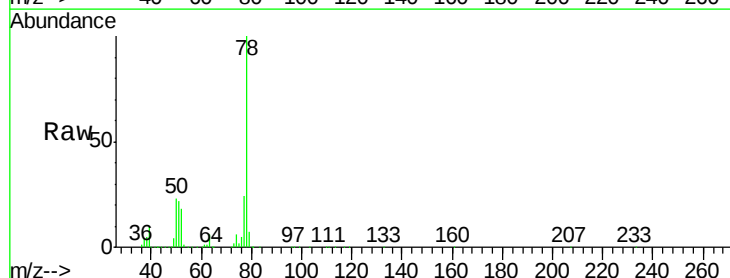
Manual Integrations  
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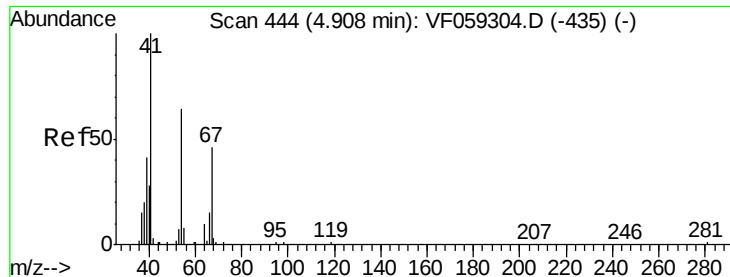
apatel  
6/26/2018 10:04:45 AM



#40  
Benzene  
Concen: 128.44 ug/l  
RT: 4.80 min Scan# 433  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.5  | 19.6  | 29.4  |





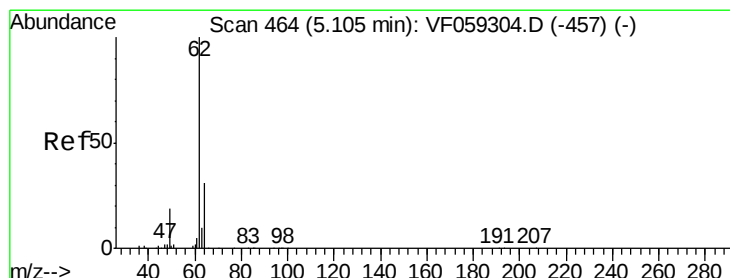
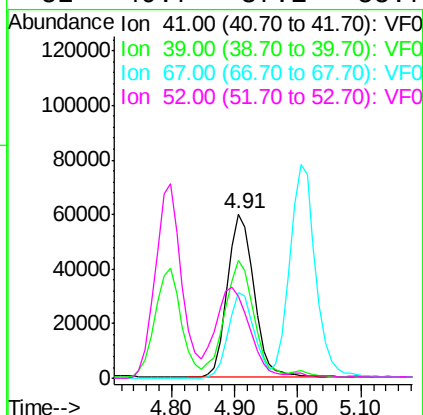
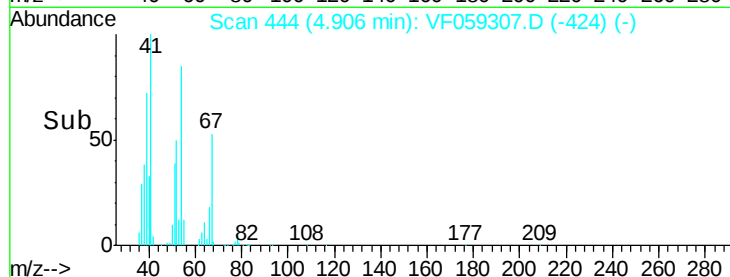
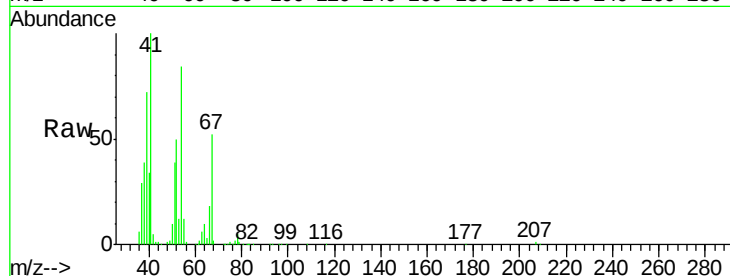
#41  
Methacrylonitrile  
Concen: 133.33 ug/l  
RT: 4.91 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 71.7 | 50.0  | 75.0  |       |
| 67      | 52.4 | 37.0  | 55.6  |       |
| 52      | 49.7 | 37.1  | 55.7  |       |

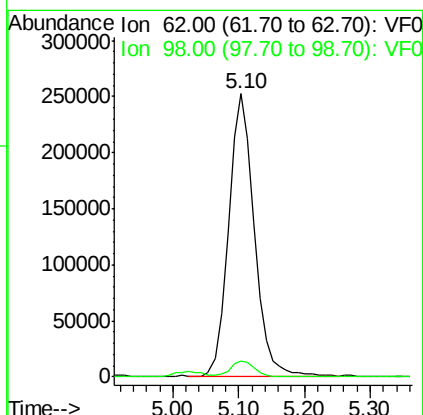
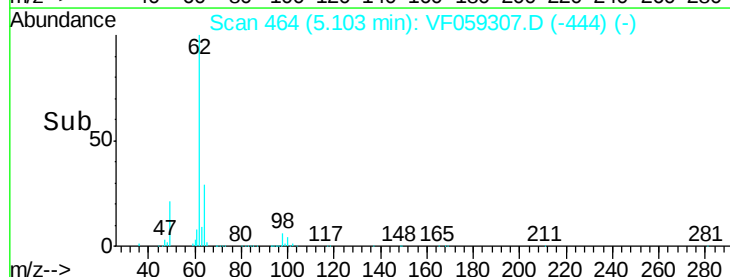
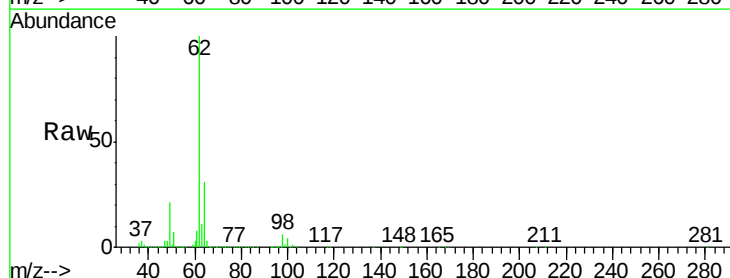
Manual Integrations  
APPROVED

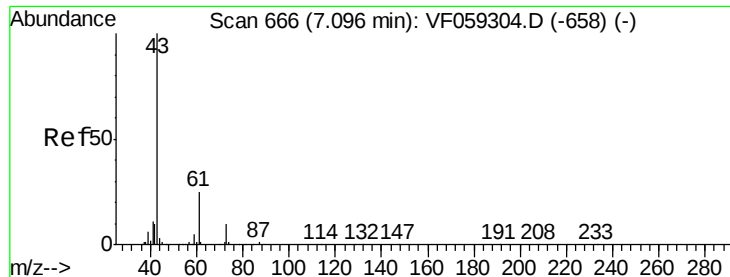
apatel  
6/26/2018 10:04:45 AM



#42  
1,2-Dichloroethane  
Concen: 133.13 ug/l  
RT: 5.10 min Scan# 464  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

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





#43

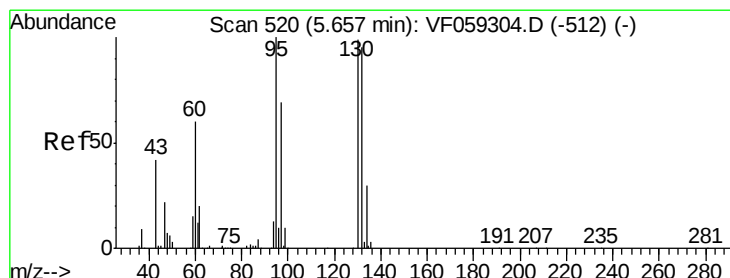
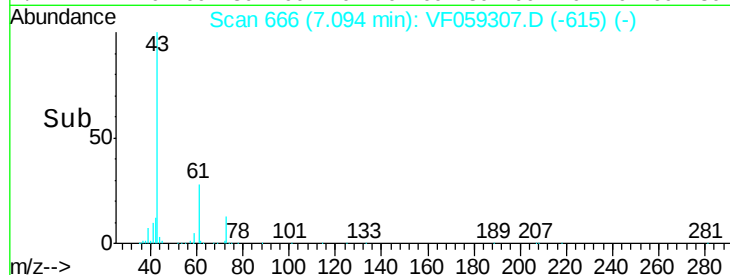
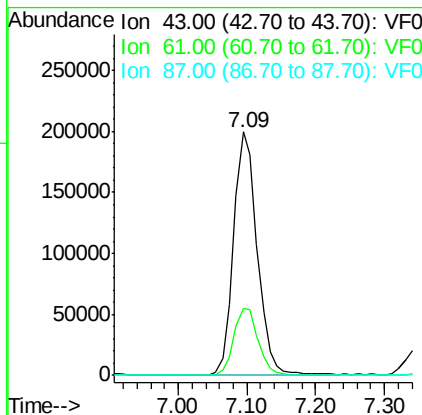
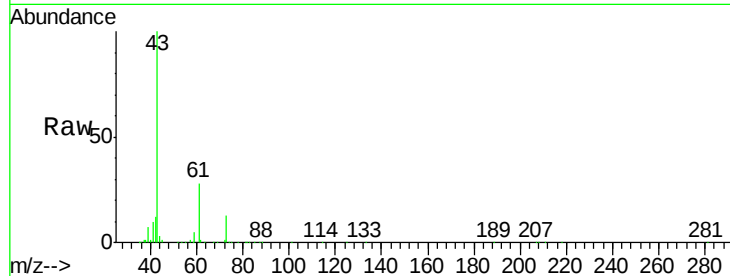
Isopropyl Acetate  
 Concen: 142.25 ug/l  
 RT: 7.09 min Scan# 666  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 27.6  | 19.7  | 29.5  |
| 87      | 0.2   | 0.5   | 0.7   |

Manual Integrations  
 APPROVED

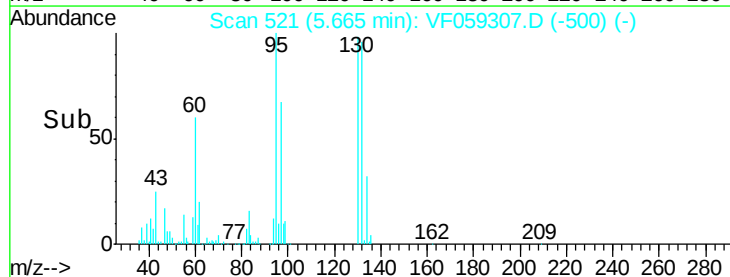
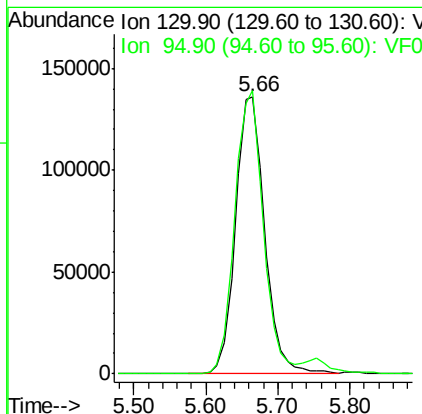
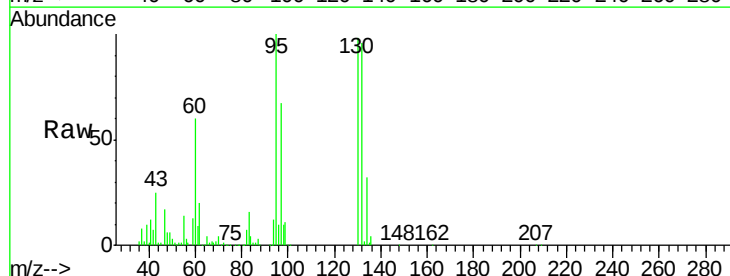
apatel  
 6/26/2018 10:04:45 AM

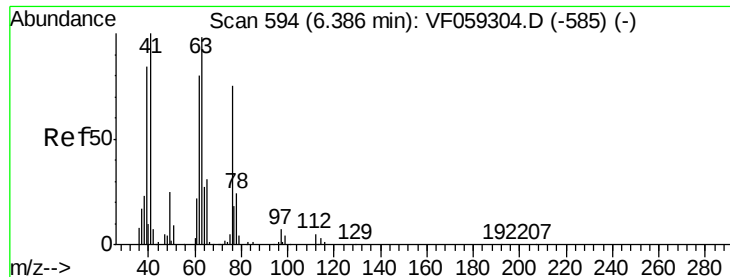


#44

Trichloroethene  
 Concen: 124.66 ug/l  
 RT: 5.66 min Scan# 521  
 Delta R.T. 0.01 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 102.1 | 0.0   | 202.4 |





#45

1,2-Dichloropropane

Concen: 130.33 ug/l

RT: 6.38 min Scan# 594

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 338774

Ion Ratio Lower Upper

63 100

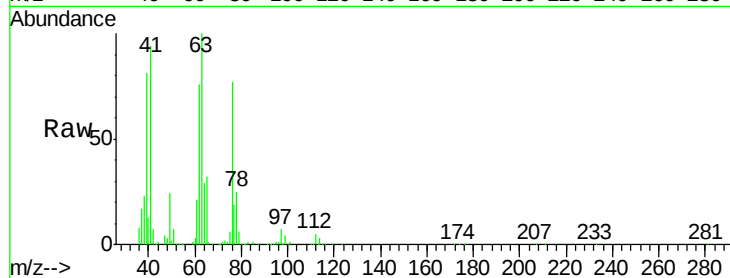
65 32.3 25.3 37.9

Manual Integrations

APPROVED

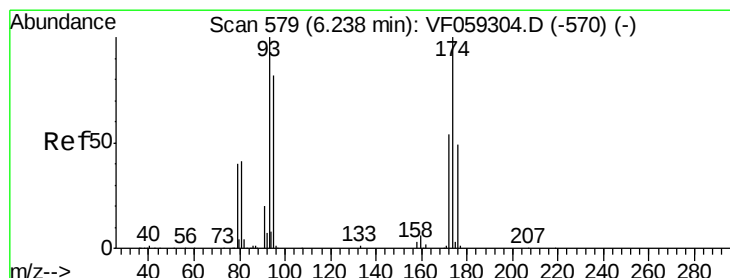
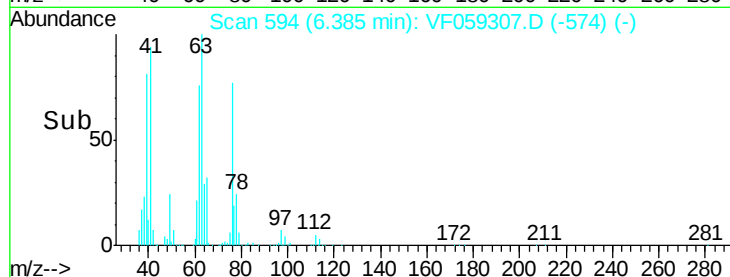
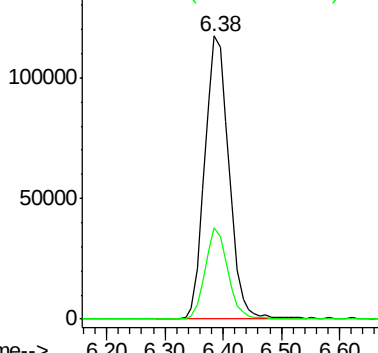
apatel

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 129.61 ug/l

RT: 6.24 min Scan# 579

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

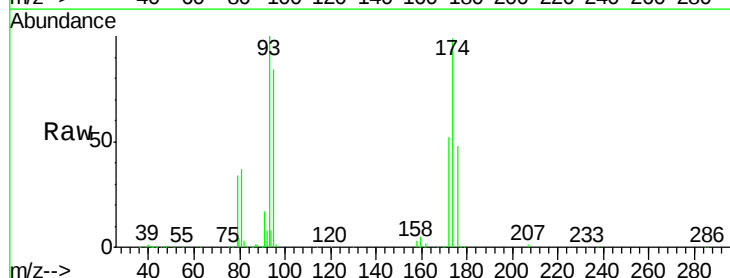
Tgt Ion: 93 Resp: 289119

Ion Ratio Lower Upper

93 100

95 83.5 65.6 98.4

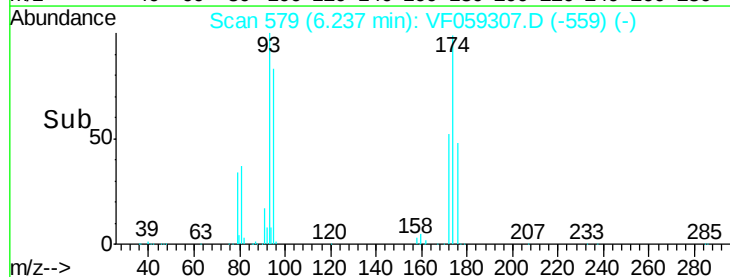
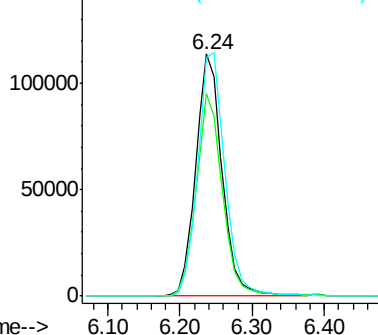
174 98.6 80.0 120.0

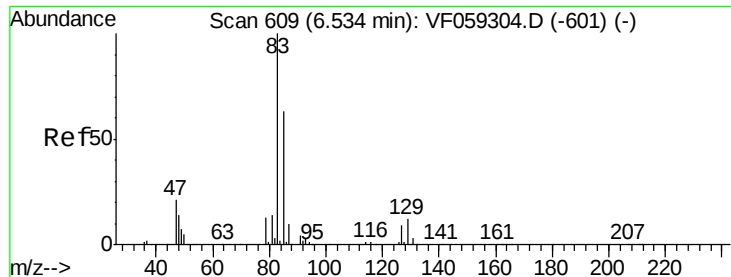


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 132.38 ug/l

RT: 6.53 min Scan# 609

Delta R.T. -0.00 min

Lab File: VF059307.D

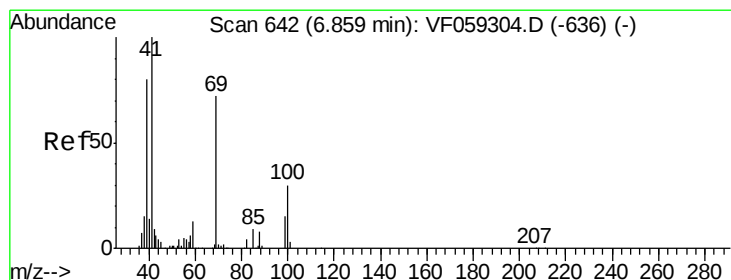
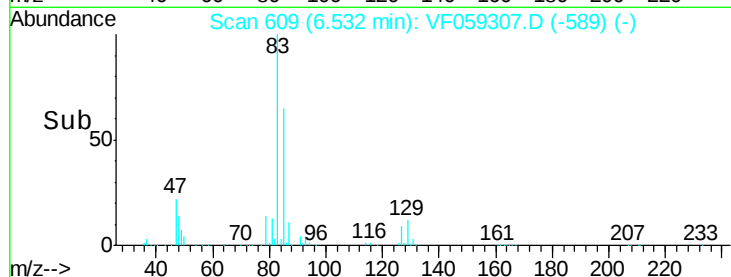
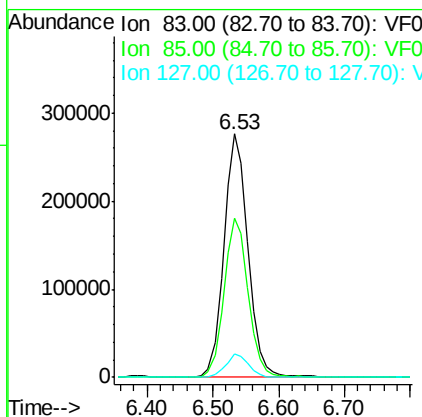
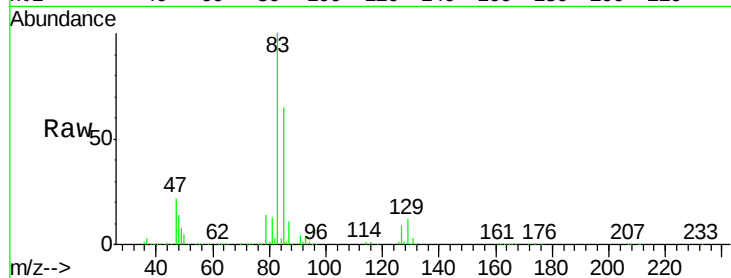
Acq: 25 Jun 2018 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 703988 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 50.2  | 75.2   |
| 127      | 9.4   | 7.0   | 10.4   |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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#48

Methyl methacrylate

Concen: 152.64 ug/l

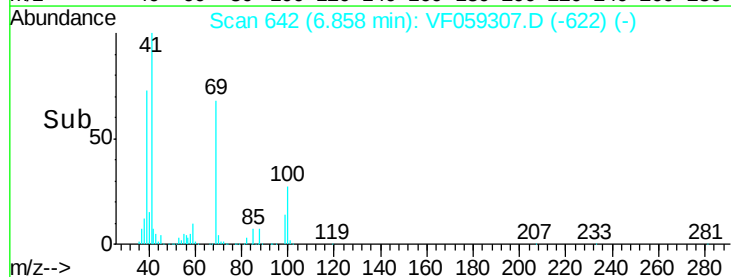
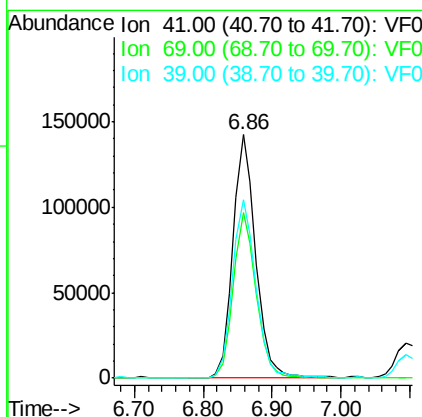
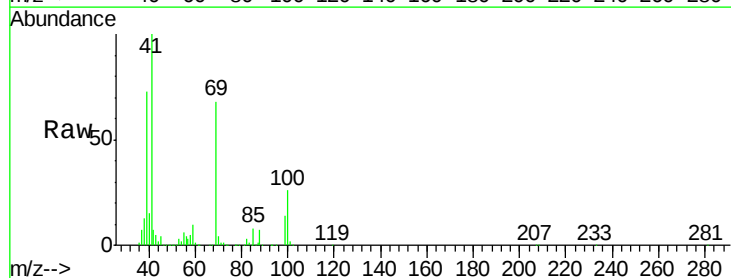
RT: 6.86 min Scan# 642

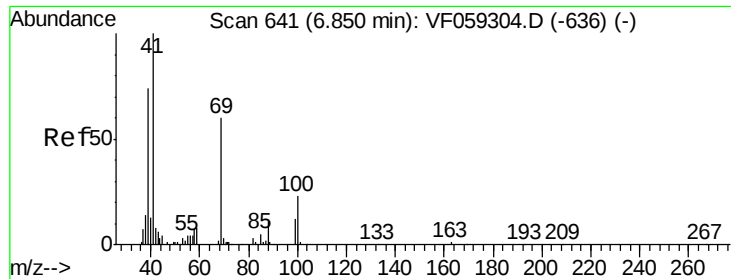
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 323961 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 68.1  | 57.3  | 85.9   |
| 39       | 73.3  | 64.4  | 96.6   |





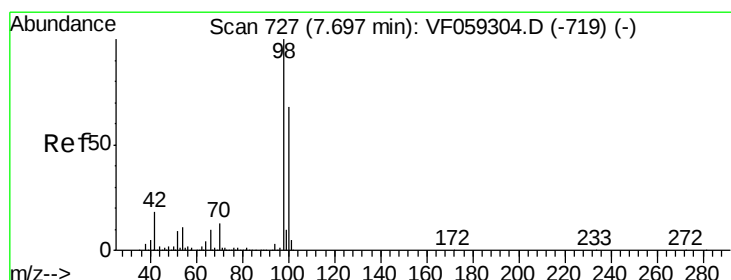
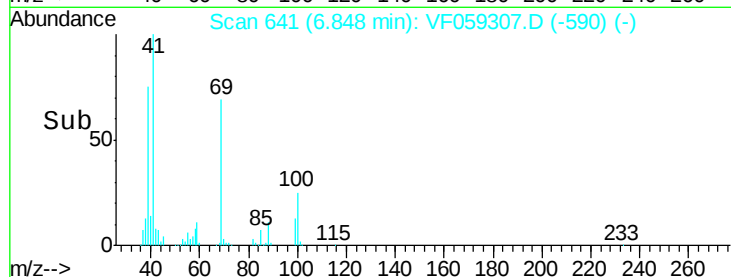
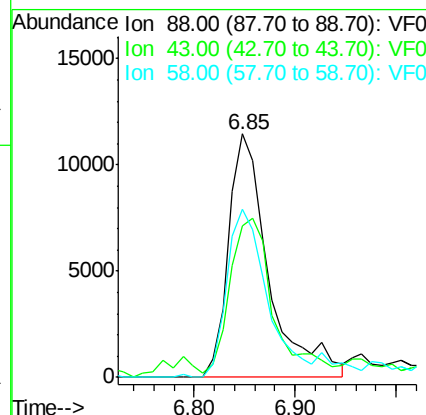
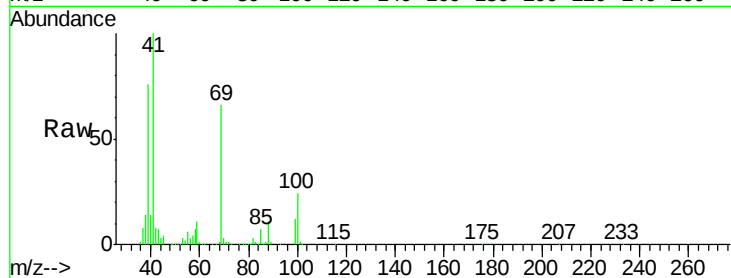
#49  
1,4-Dioxane  
Concen: 2564.49 ug/l  
RT: 6.85 min Scan# 641  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 62.1  | 50.6  | 75.8  |
| 58      | 68.9  | 46.6  | 69.8  |

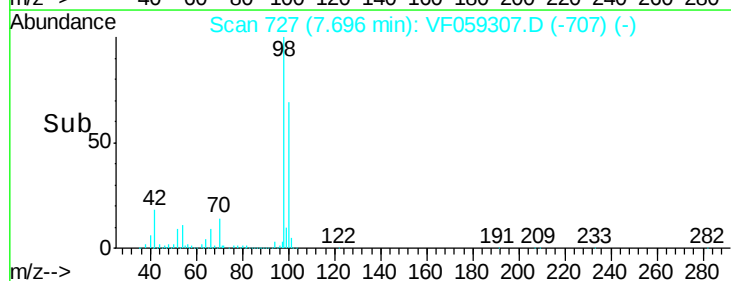
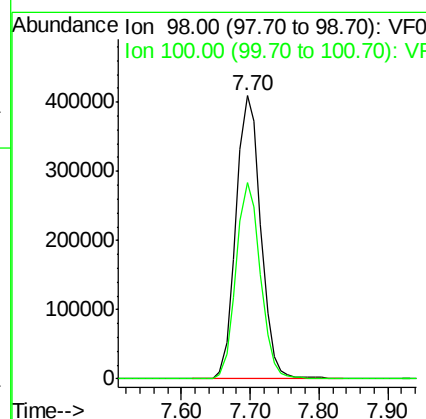
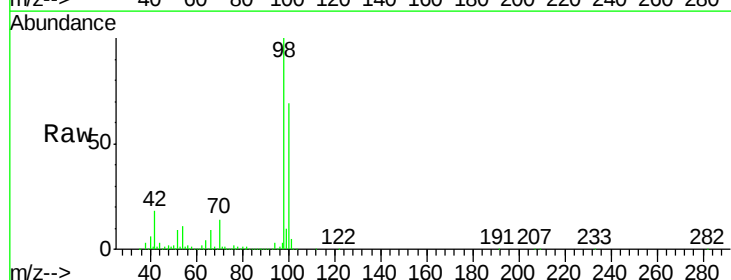
Manual Integrations  
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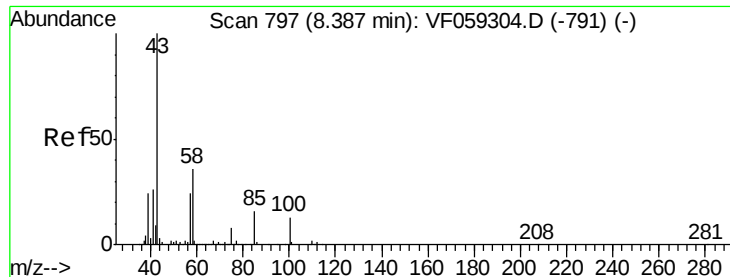
apatel  
6/26/2018 10:04:45 AM



#50  
Toluene-d8  
Concen: 118.85 ug/l  
RT: 7.70 min Scan# 727  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 69.2  | 54.6  | 82.0  |





#51

4-Methyl-2-Pentanone

Concen: 641.35 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1535492

Ion Ratio Lower Upper

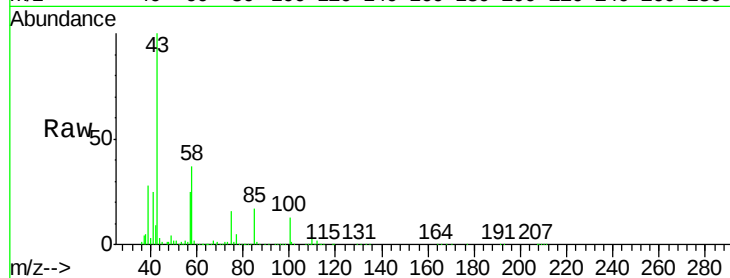
43 100

58 37.2 28.4 42.6

Manual Integrations  
APPROVED

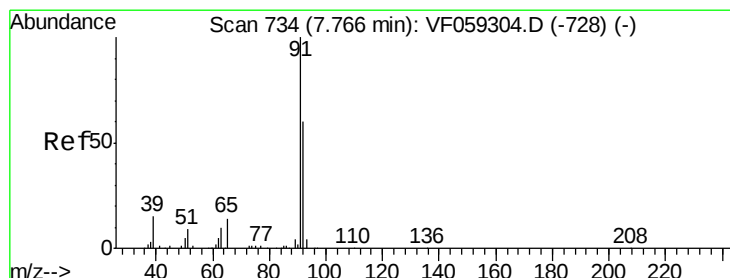
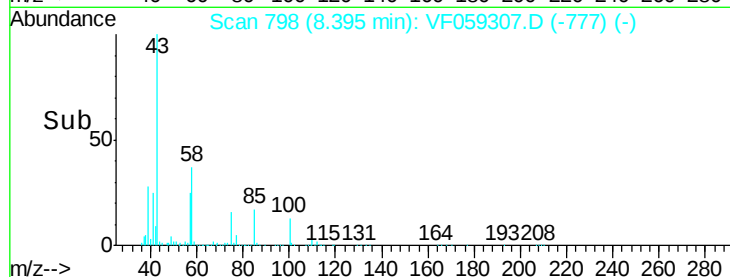
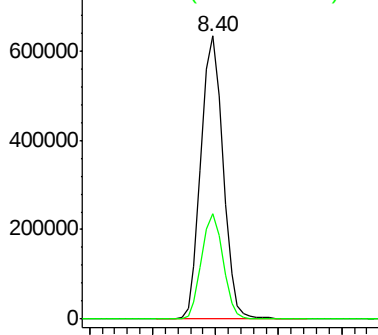
apatel

6/26/2018 10:04:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 120.59 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059307.D

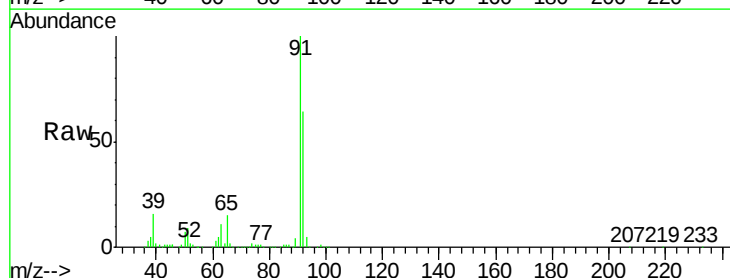
Acq: 25 Jun 2018 17:37

Tgt Ion: 92 Resp: 836218

Ion Ratio Lower Upper

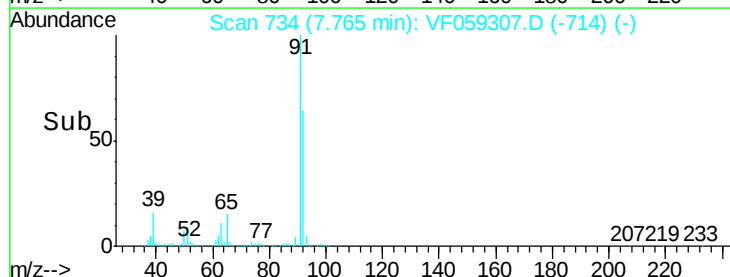
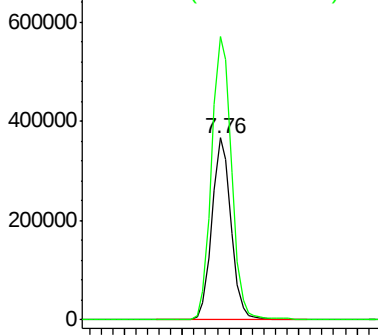
92 100

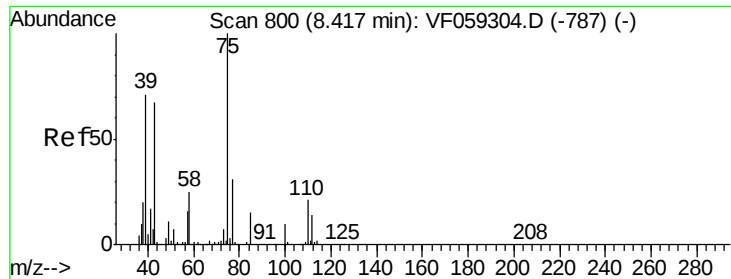
91 155.4 132.8 199.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





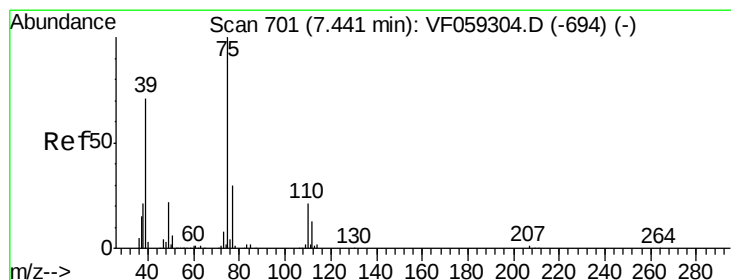
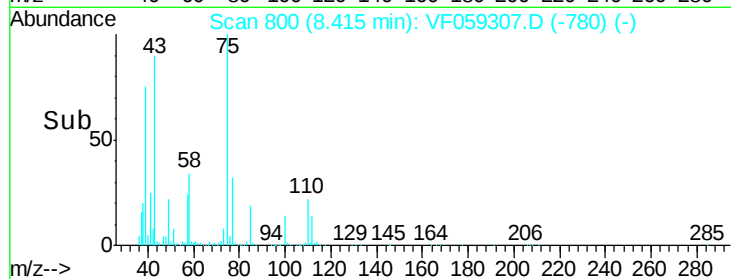
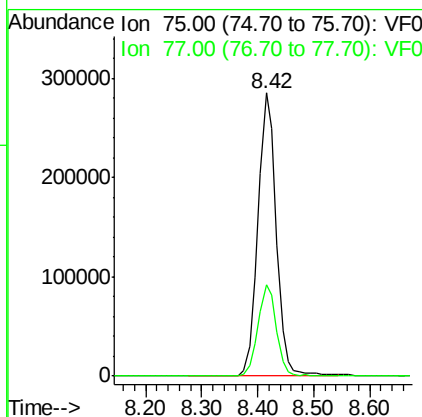
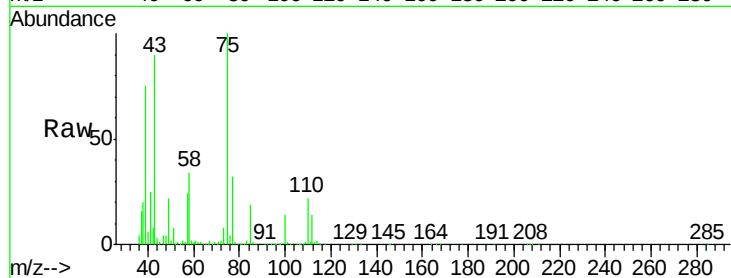
#53  
t-1,3-Dichloropropene  
Concen: 130.25 ug/l  
RT: 8.42 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.3  | 25.3  | 37.9  |

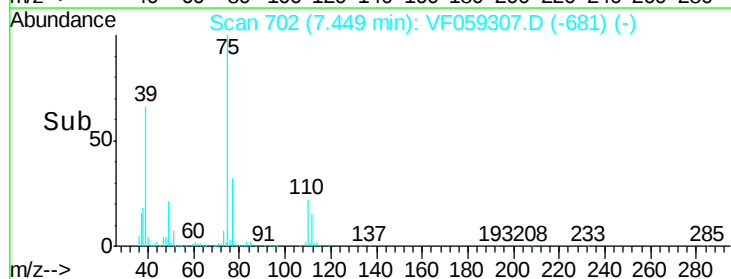
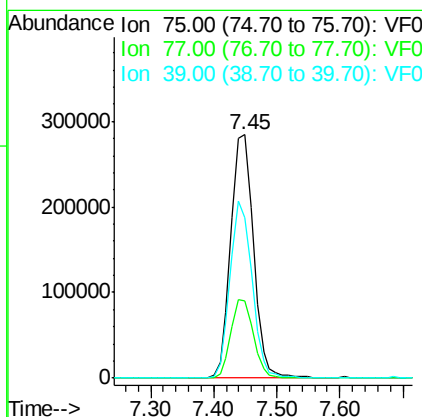
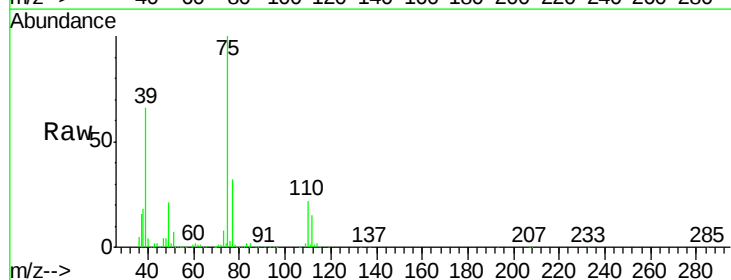
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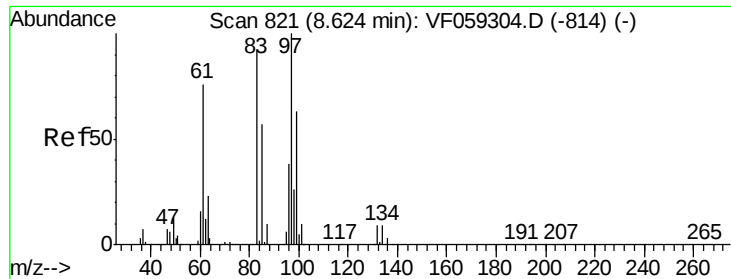
apatel  
6/26/2018 10:04:45 AM



#54  
cis-1,3-Dichloropropene  
Concen: 134.57 ug/l  
RT: 7.45 min Scan# 702  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.7  | 24.3  | 36.5  |
| 39      | 65.8  | 57.2  | 85.8  |





#55

1,1,2-Trichloroethane

Concen: 131.29 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

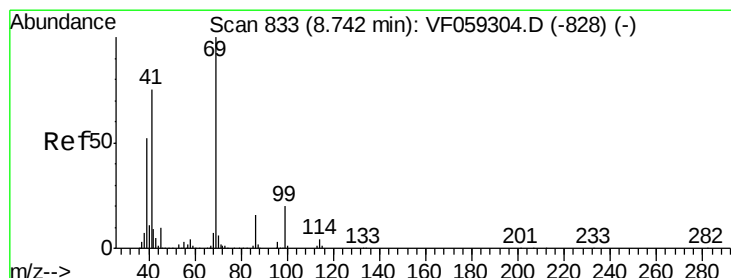
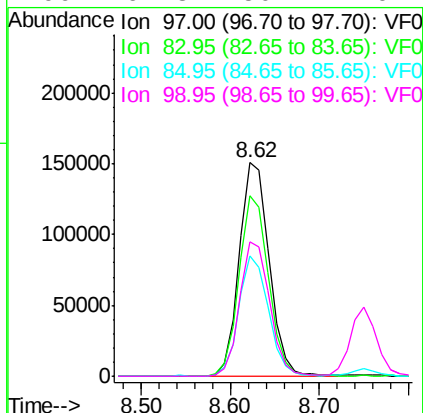
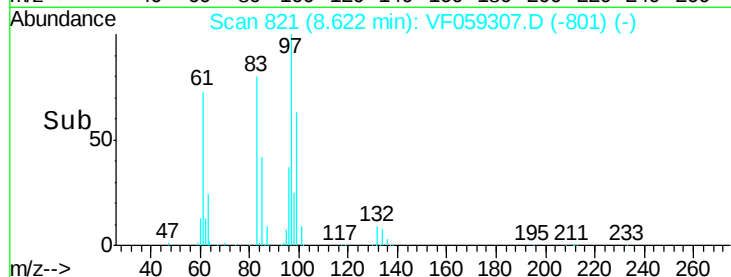
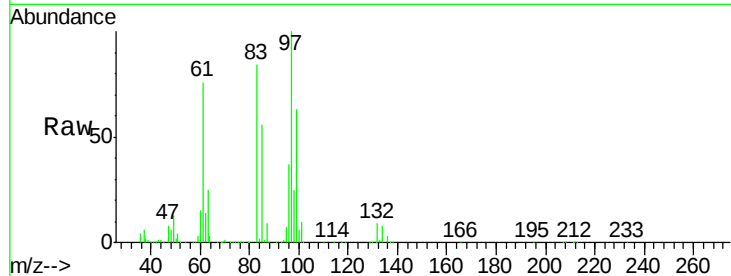
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 351807 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.4  | 73.8  | 110.8  |
| 85       | 56.3  | 45.5  | 68.3   |
| 99       | 62.8  | 50.7  | 76.1   |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 145.54 ug/l

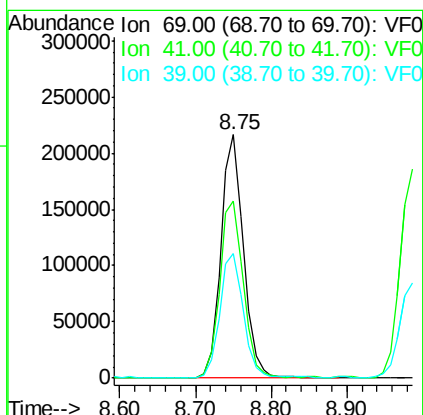
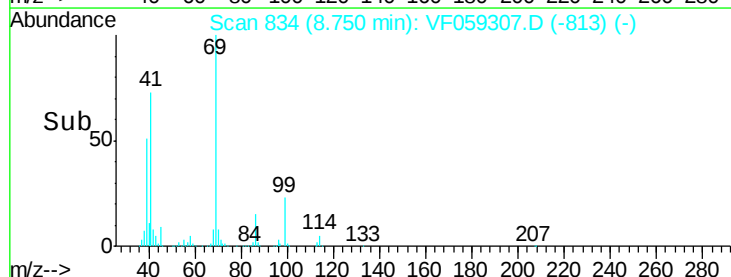
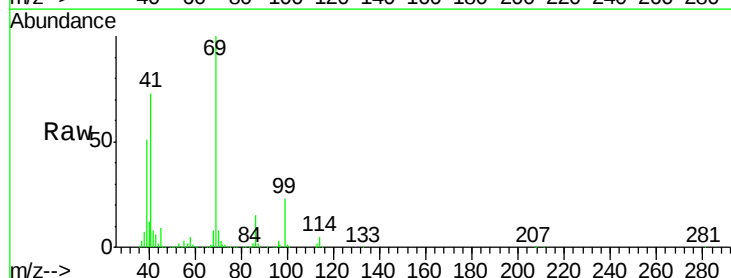
RT: 8.75 min Scan# 834

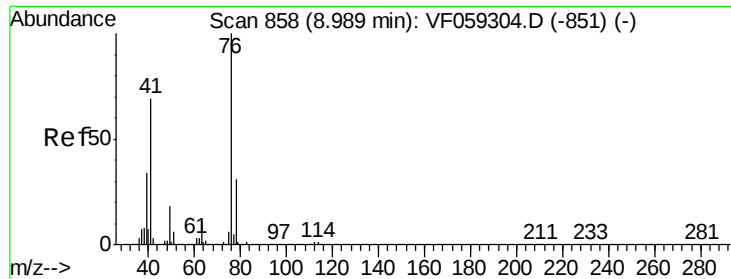
Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 448123 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 72.9  | 60.3  | 90.5   |
| 39       | 50.9  | 42.2  | 63.4   |





#57

1,3-Dichloropropane

Concen: 133.36 ug/l

RT: 8.99 min Scan# 858

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 591061

Ion Ratio Lower Upper

76 100

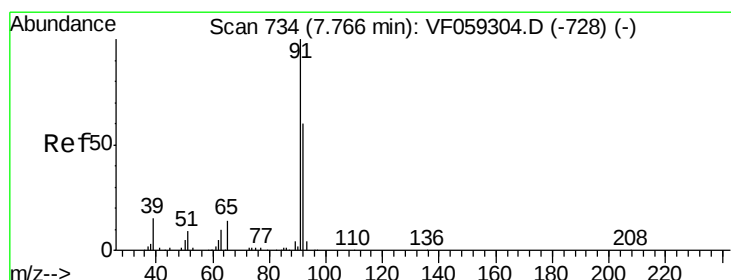
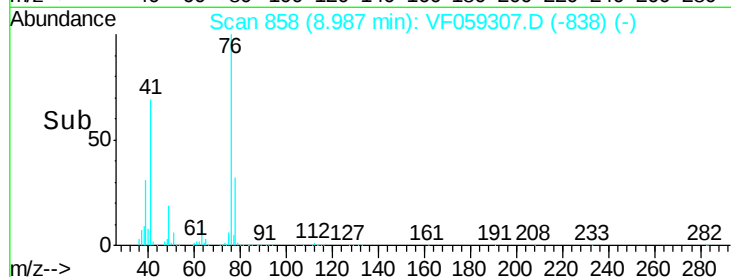
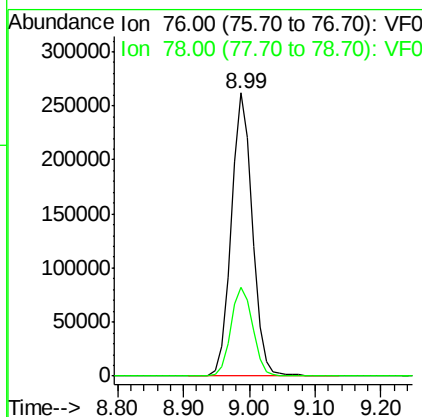
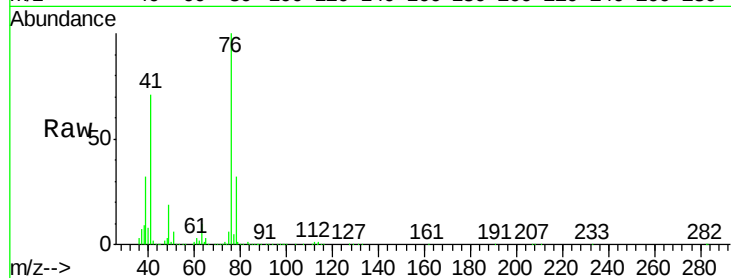
78 31.6 24.9 37.3

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#58

2-Chloroethyl Vinyl ether

Concen: 624.45 ug/l

RT: 7.76 min Scan# 734

Delta R.T. -0.00 min

Lab File: VF059307.D

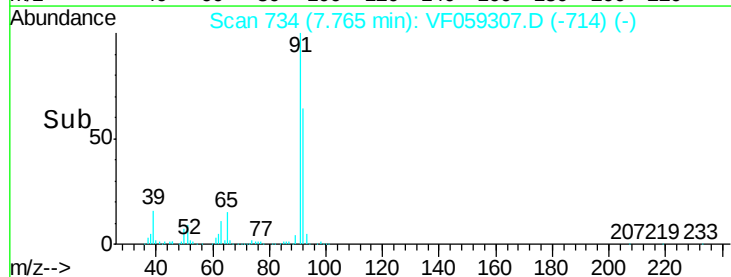
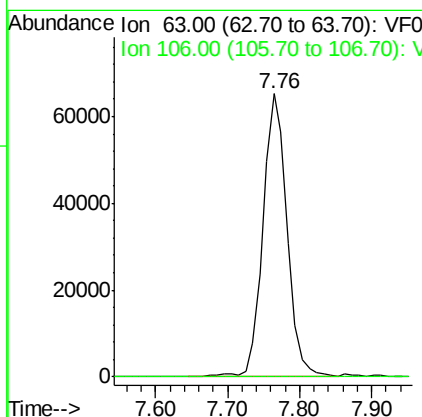
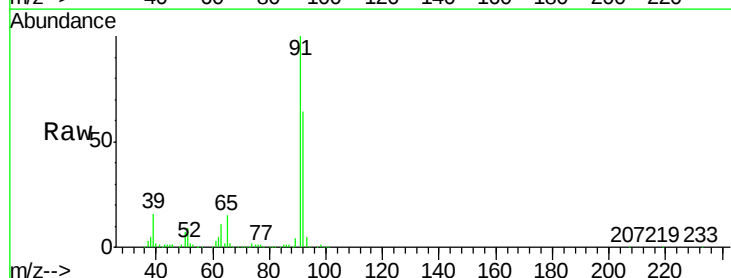
Acq: 25 Jun 2018 17:37

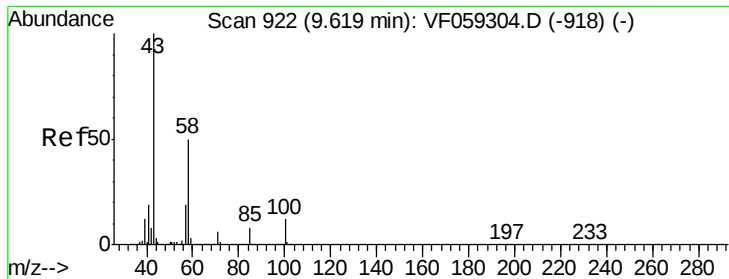
Tgt Ion: 63 Resp: 152811

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





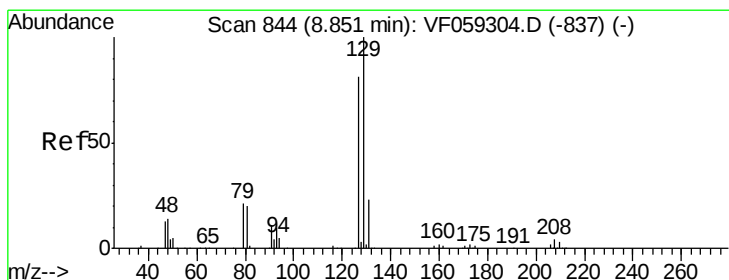
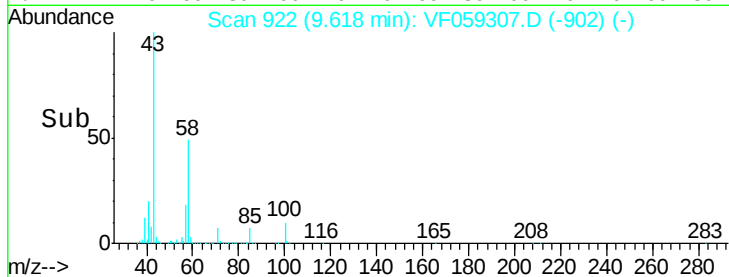
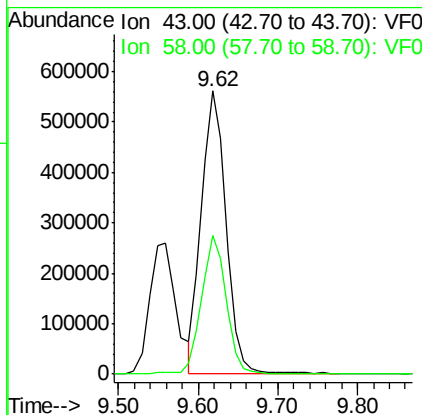
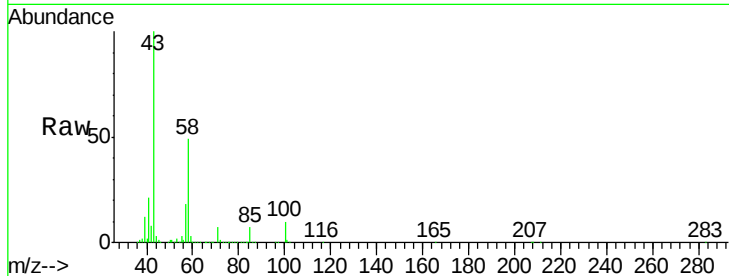
#59  
2-Hexanone  
Concen: 626.86 ug/l  
RT: 9.62 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 1200526  
Ion Ratio Lower Upper  
43 100  
58 49.2 23.3 69.9

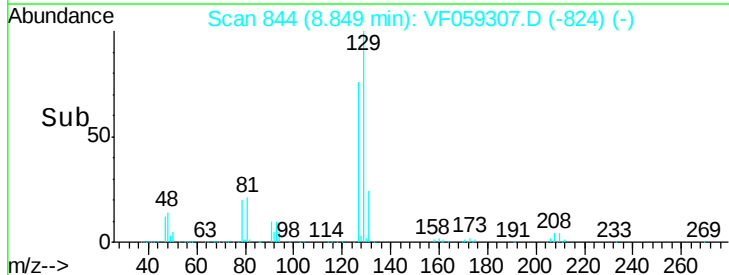
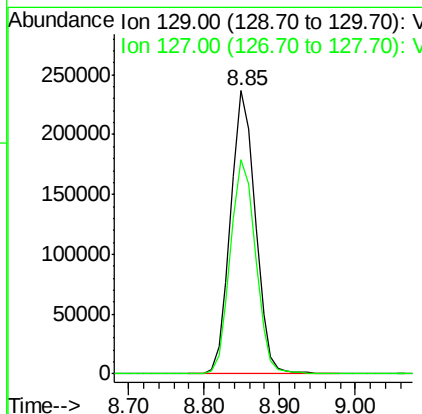
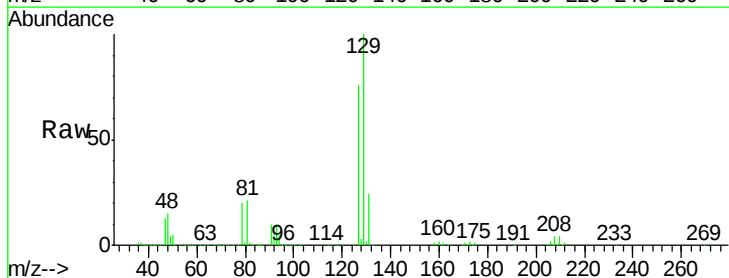
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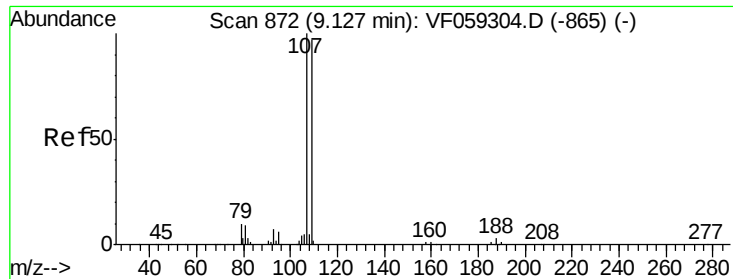
apatel  
6/26/2018 10:04:45 AM



#60  
Dibromochloromethane  
Concen: 135.86 ug/l  
RT: 8.85 min Scan# 844  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Tgt Ion: 129 Resp: 538700  
Ion Ratio Lower Upper  
129 100  
127 75.6 40.7 122.1





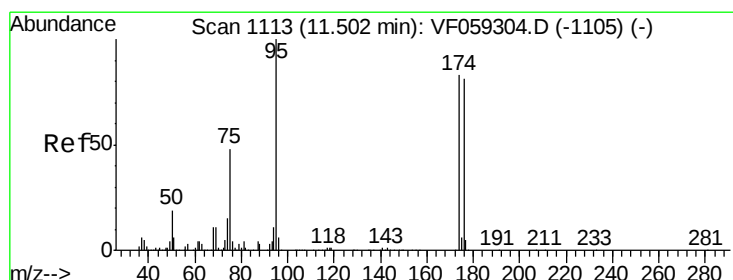
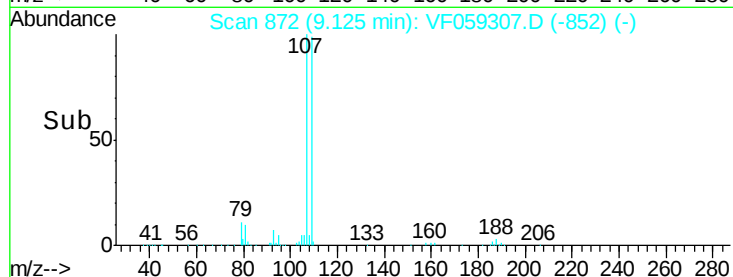
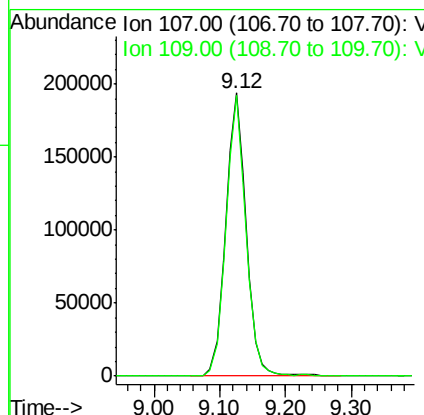
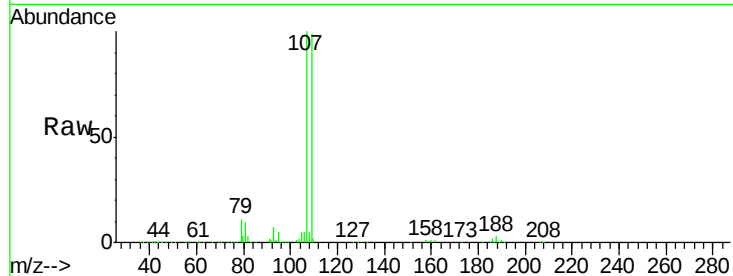
#61  
 1,2-Dibromoethane  
 Concen: 135.42 ug/l  
 RT: 9.12 min Scan# 872  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 99.0  | 77.3  | 115.9 |

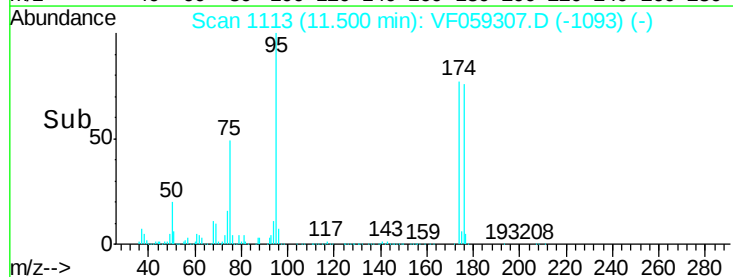
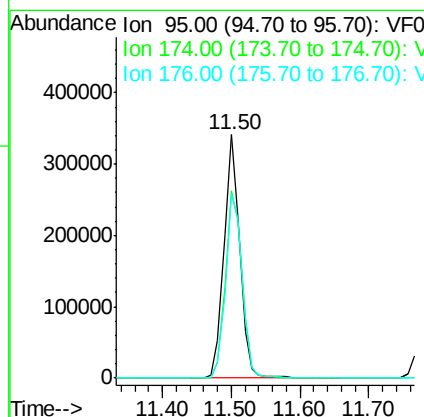
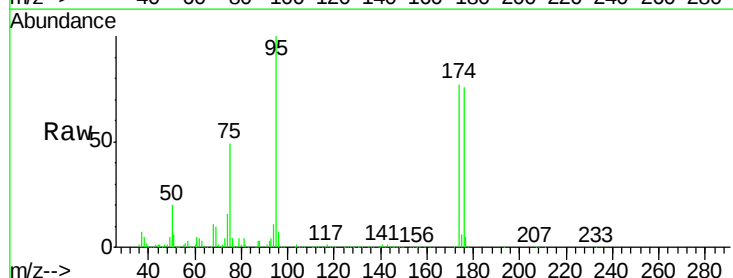
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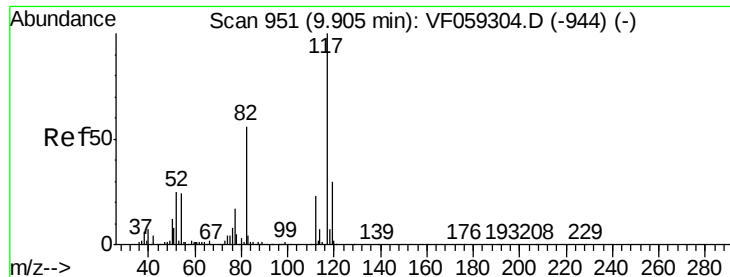
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 114.47 ug/l  
 RT: 11.50 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 76.7  | 0.0   | 165.2 |
| 176     | 75.8  | 0.0   | 161.0 |





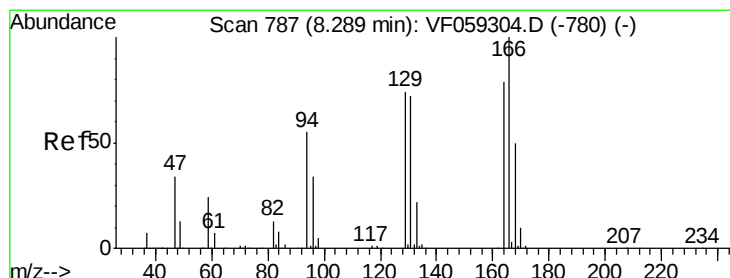
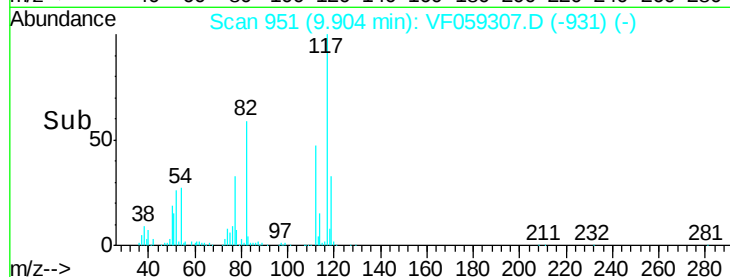
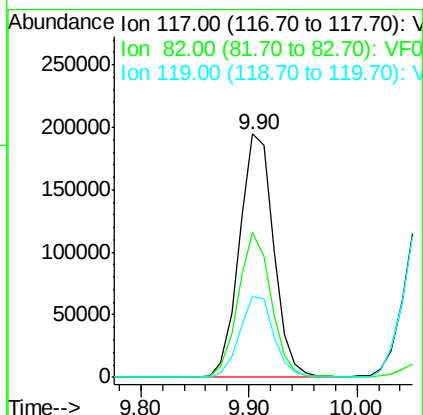
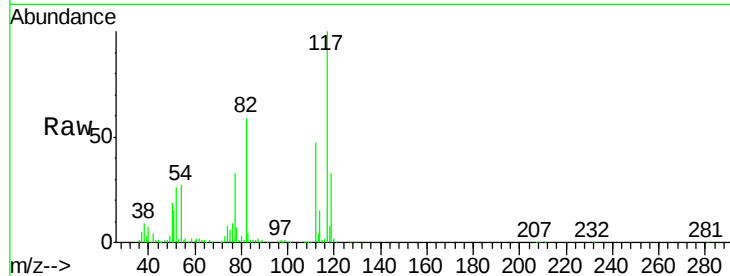
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.90 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 430551 |       |       |
| 82      | 59.4  |        | 44.6  | 66.8  |
| 119     | 33.4  |        | 24.1  | 36.1  |

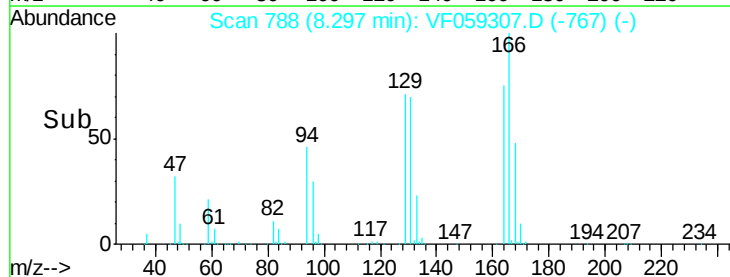
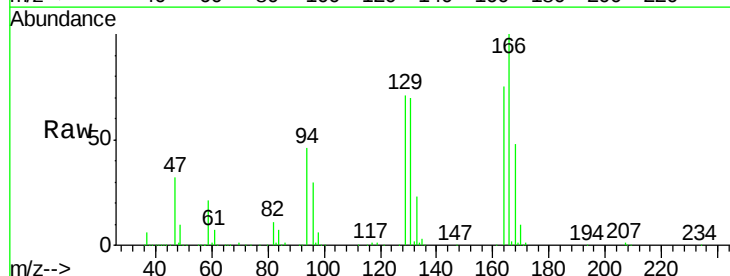
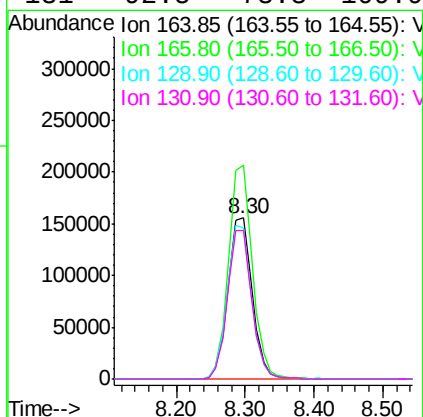
Manual Integrations  
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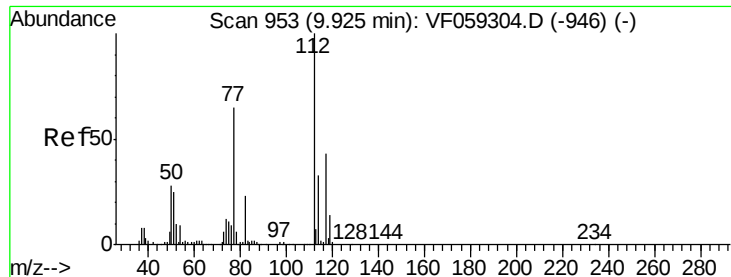
apatel  
6/26/2018 10:04:45 AM



#64  
Tetrachloroethene  
Concen: 119.09 ug/l  
RT: 8.30 min Scan# 788  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 382425 |       |       |
| 166     | 132.5 |        | 101.1 | 151.7 |
| 129     | 94.1  |        | 75.0  | 112.4 |
| 131     | 92.5  |        | 73.3  | 109.9 |





#65

Chlorobenzene

Concen: 123.13 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampled :

VSTDIC150

Tot Ion:112 Resp: 1095142

Ion Ratio Lower Upper

112 100

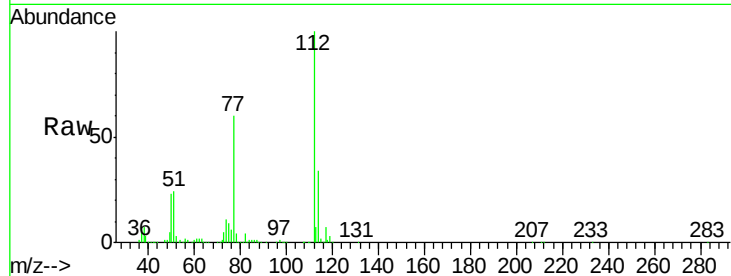
114 33.8 26.5 39.7

Manual Integrations

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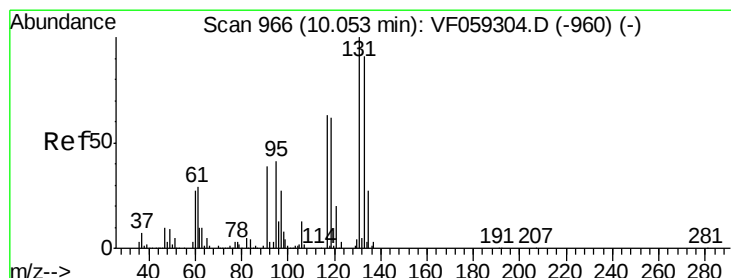
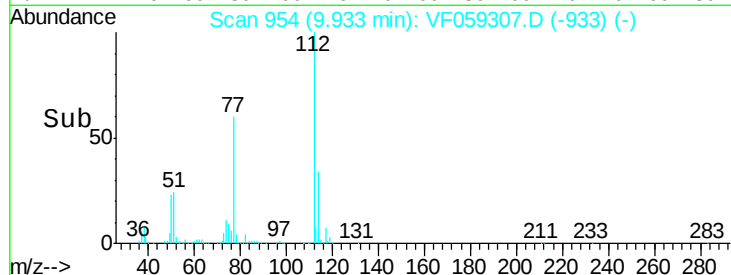
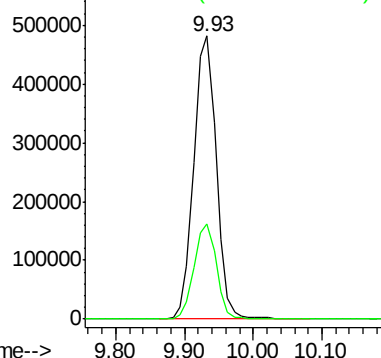
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 123.34 ug/l

RT: 10.06 min Scan# 967

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

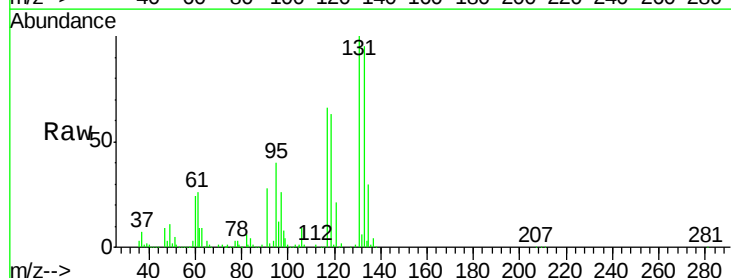
Tgt Ion:131 Resp: 462505

Ion Ratio Lower Upper

131 100

133 94.8 45.3 135.9

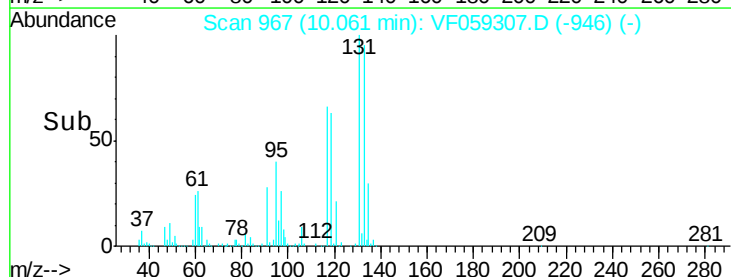
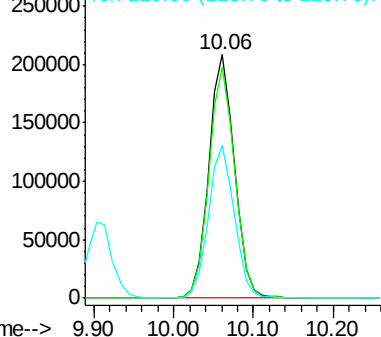
119 62.6 31.3 93.9

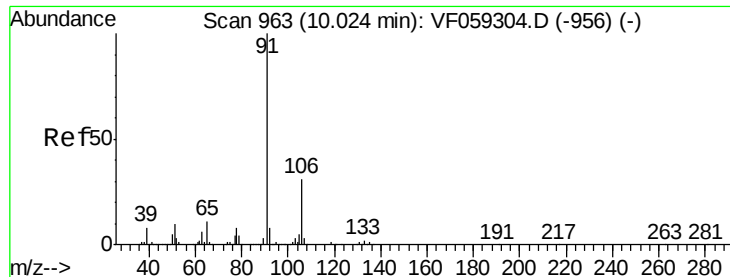


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





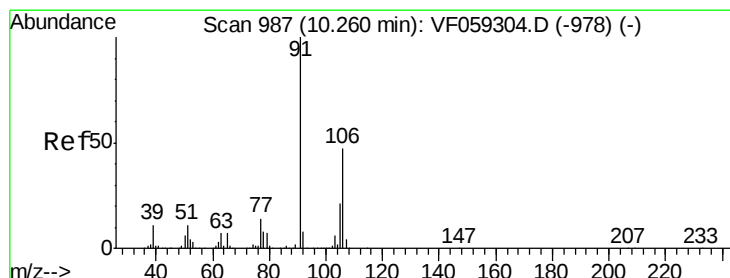
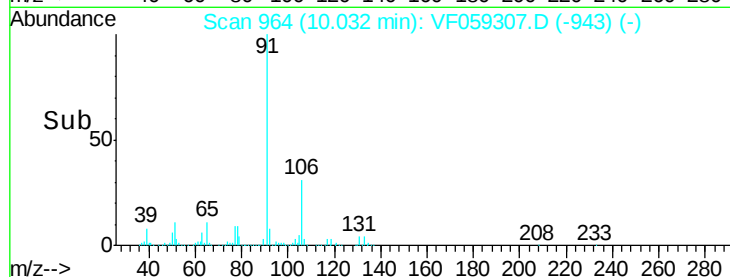
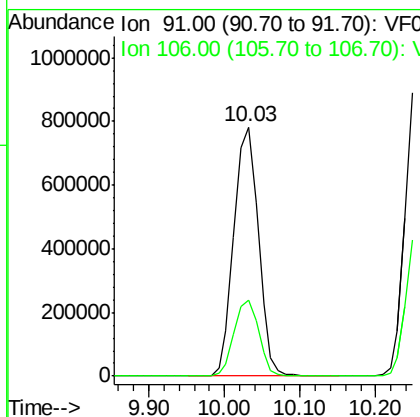
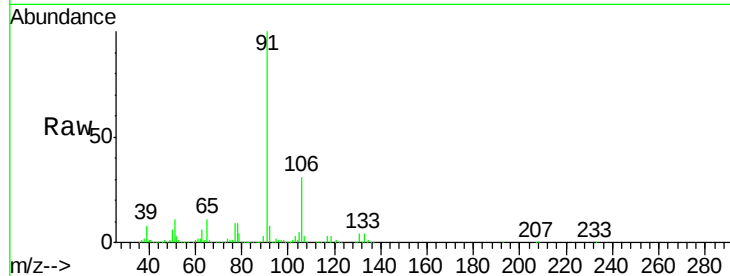
#67  
Ethyl Benzene  
Concen: 116.85 ug/l  
RT: 10.03 min Scan# 964  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion: 91 Resp: 1762632  
Ion Ratio Lower Upper  
91 100  
106 30.5 24.8 37.2

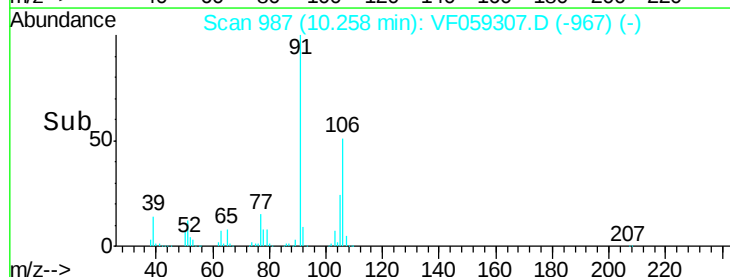
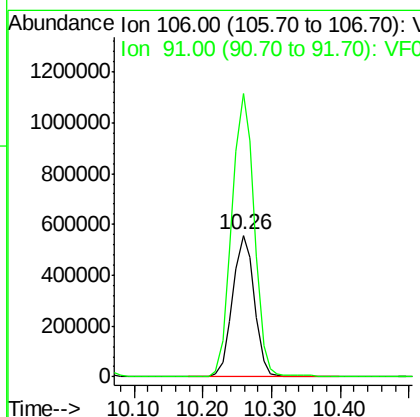
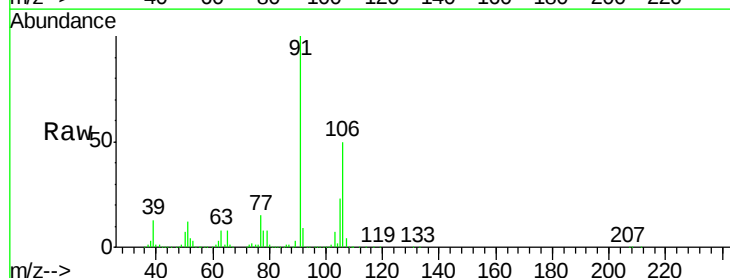
Manual Integrations  
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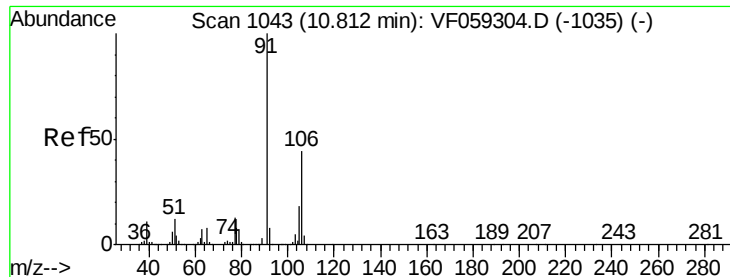
apatel  
6/26/2018 10:04:45 AM



#68  
m/p-Xylenes  
Concen: 227.38 ug/l  
RT: 10.26 min Scan# 987  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Tgt Ion: 106 Resp: 1225204  
Ion Ratio Lower Upper  
106 100  
91 200.1 170.8 256.2





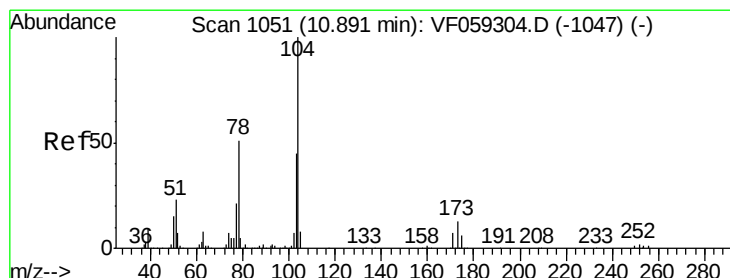
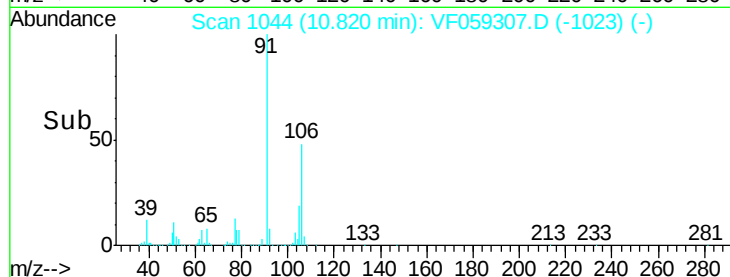
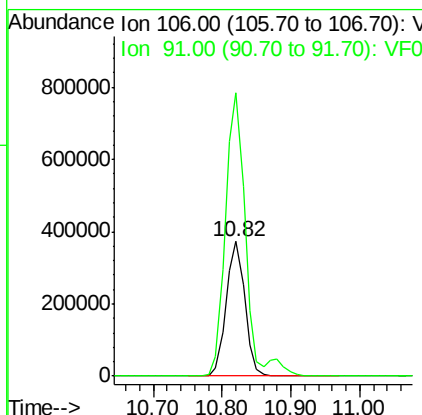
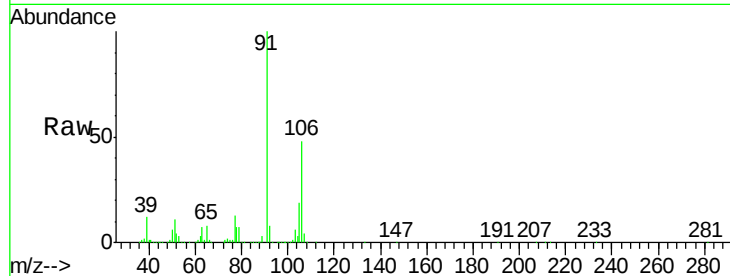
#69  
o-Xylene  
Concen: 117.92 ug/l  
RT: 10.82 min Scan# 1044  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion:106 Resp: 704197  
Ion Ratio Lower Upper  
106 100  
91 210.4 114.6 343.6

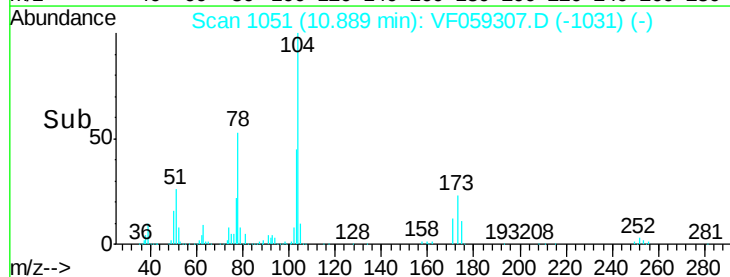
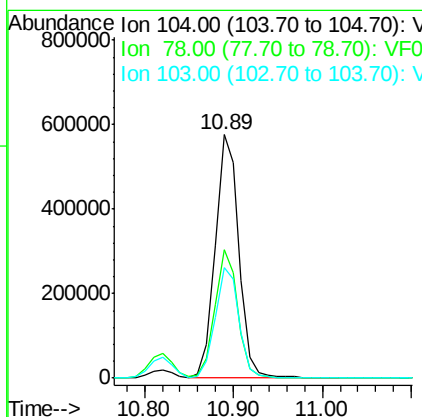
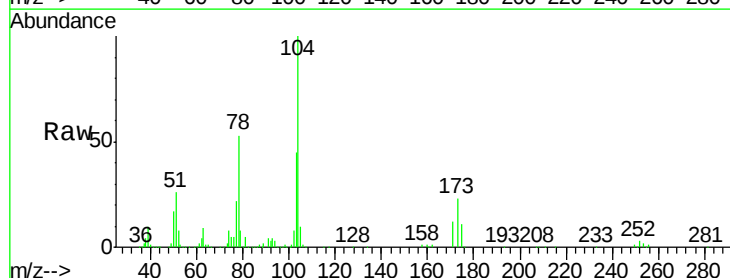
Manual Integrations  
APPROVED

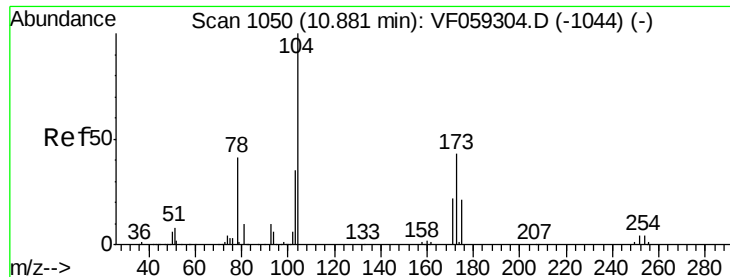
apatel  
6/26/2018 10:04:45 AM



#70  
Styrene  
Concen: 116.97 ug/l  
RT: 10.89 min Scan# 1051  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Tgt Ion:104 Resp: 1060957  
Ion Ratio Lower Upper  
104 100  
78 52.6 40.9 61.3  
103 45.3 36.5 54.7





#71

Bromoform

Concen: 128.88 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

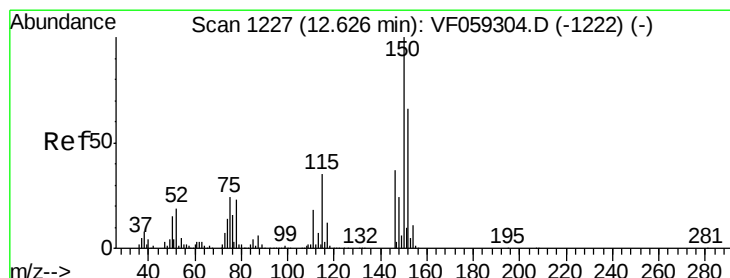
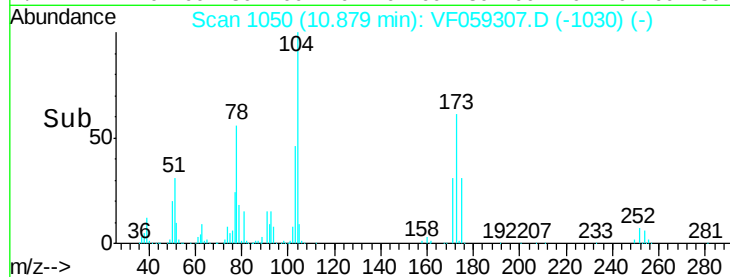
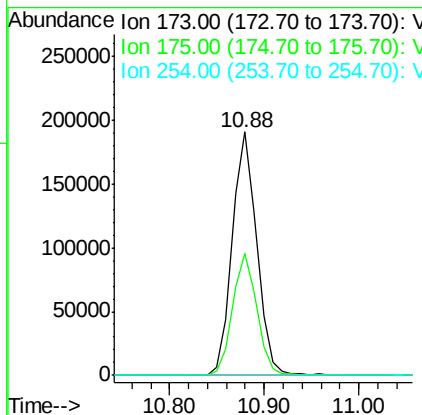
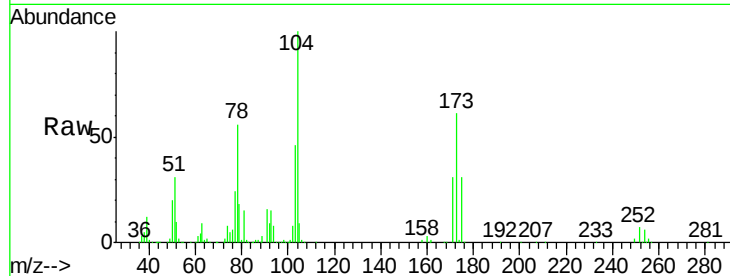
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 50.0  | 24.8  | 74.3  |
| 254     | 0.2   | 0.0   | 0.0#  |

Manual Integrations  
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

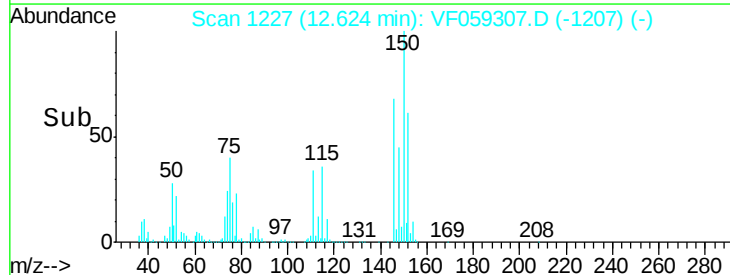
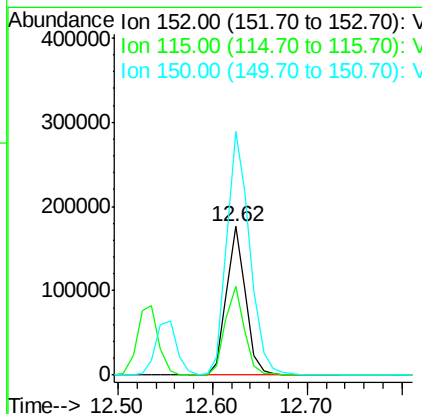
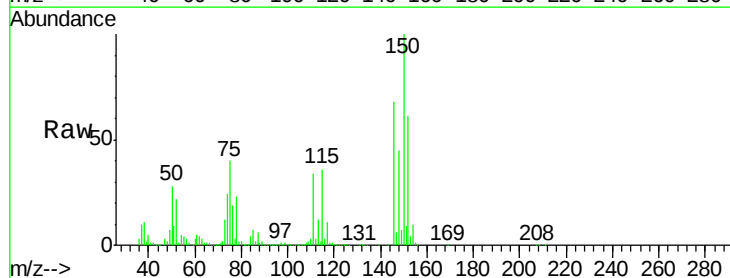
RT: 12.62 min Scan# 1227

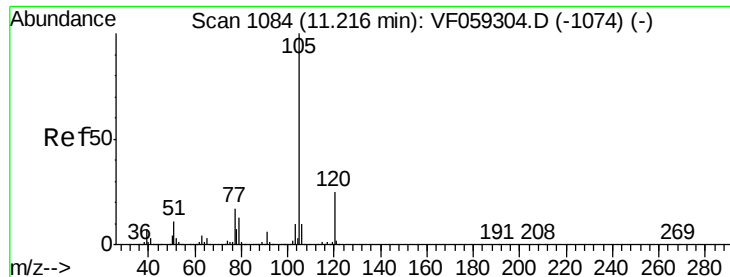
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.4  | 27.1  | 81.3  |
| 150     | 164.1 | 0.0   | 305.2 |





#73

Isopropylbenzene

Concen: 118.75 ug/l

RT: 11.21 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1966993

Ion Ratio Lower Upper

105 100

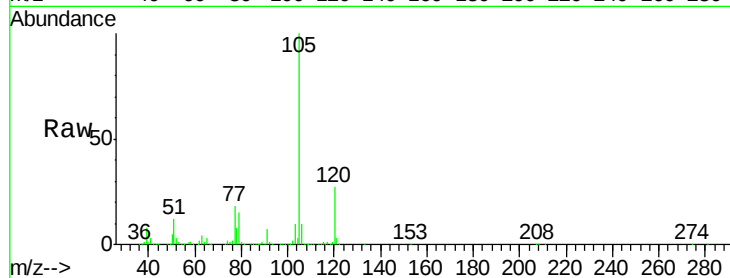
120 26.8 12.3 36.8

Manual Integrations

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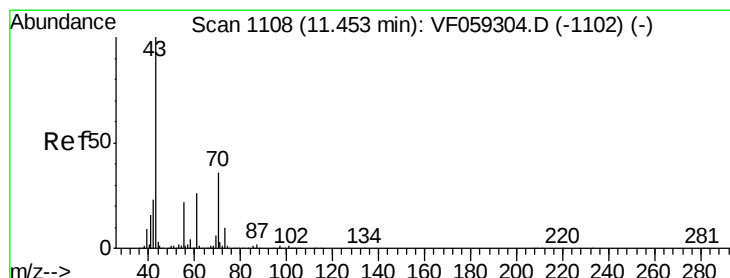
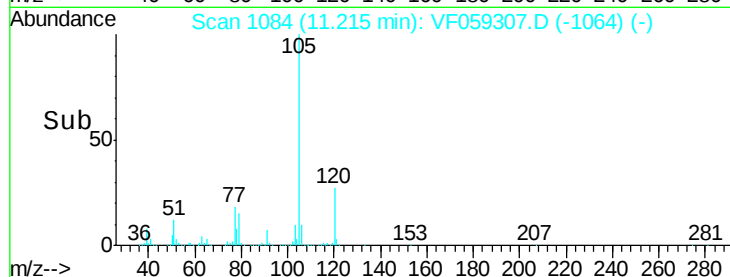
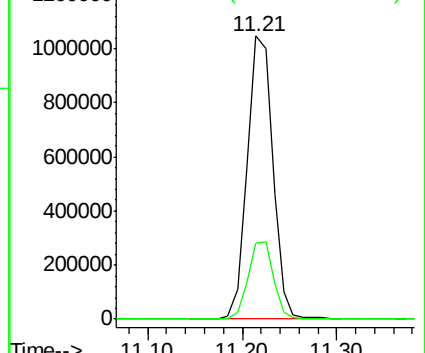
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 131.45 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Tgt Ion: 43 Resp: 726147

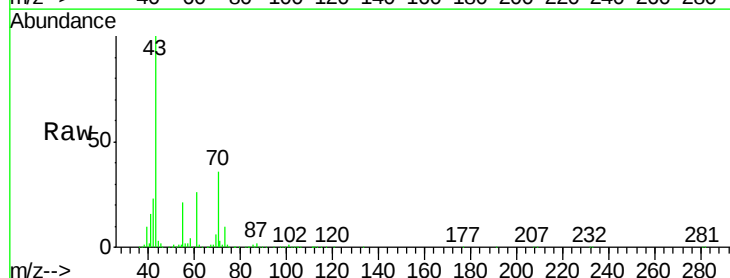
Ion Ratio Lower Upper

43 100

70 36.2 28.8 43.2

55 20.7 17.4 26.0

61 26.1 21.1 31.7

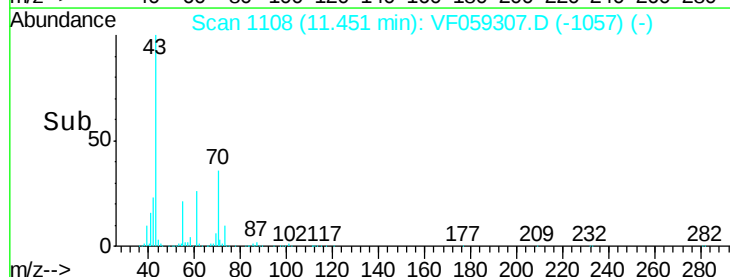
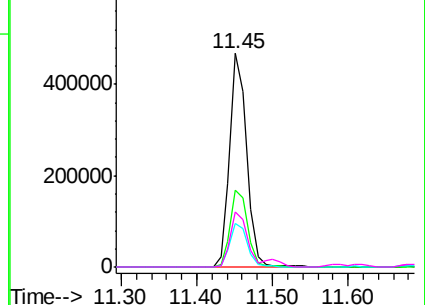


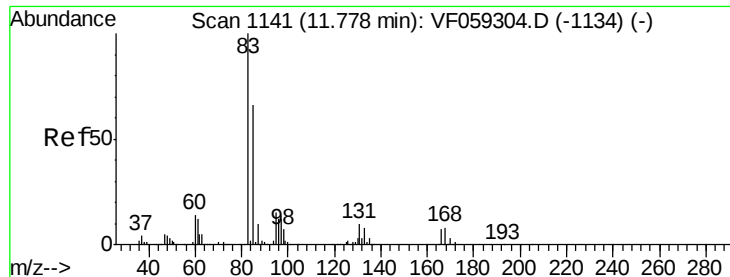
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 124.09 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

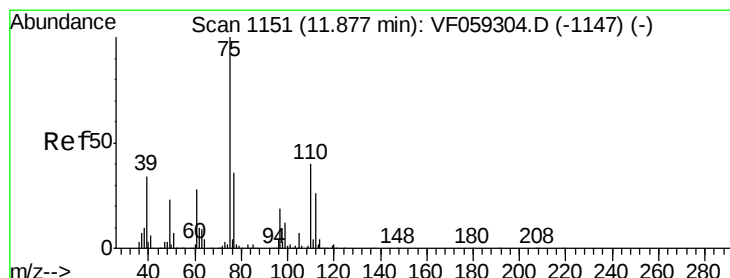
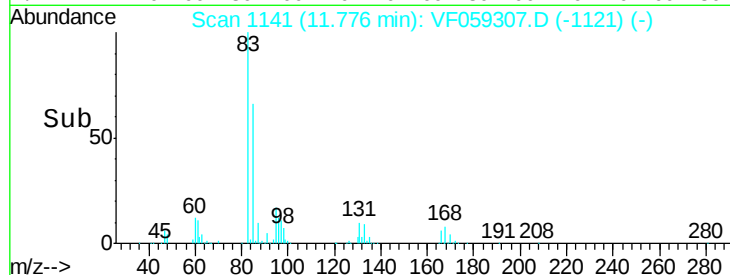
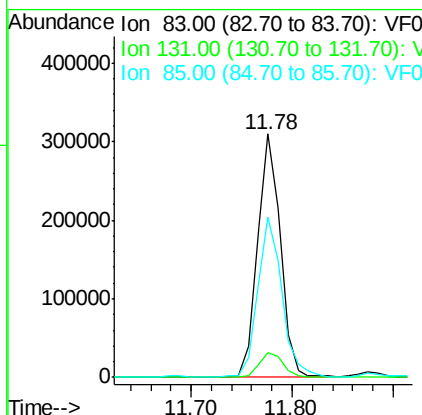
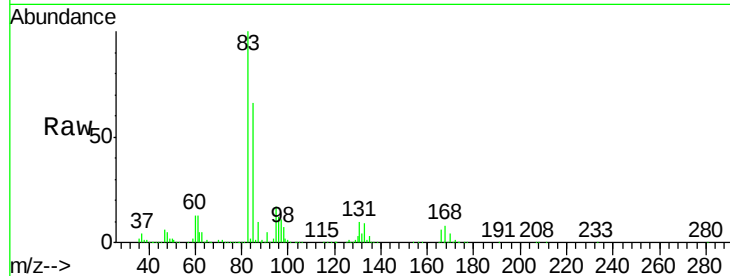
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 492099 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 4.9   | 14.6   |
| 85        | 66.0  | 32.8  | 98.4   |

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#76

1,2,3-Trichloropropane

Concen: 135.41 ug/l

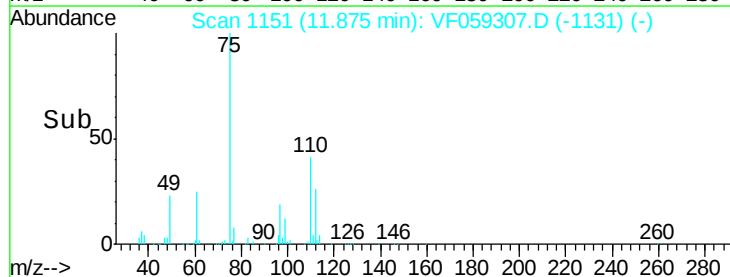
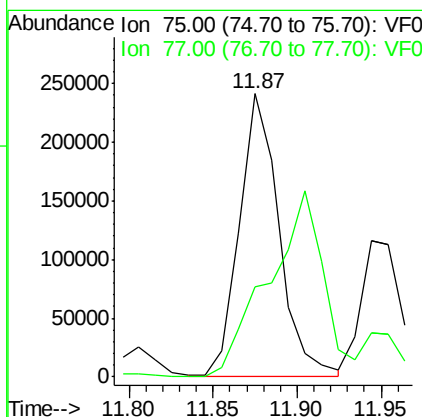
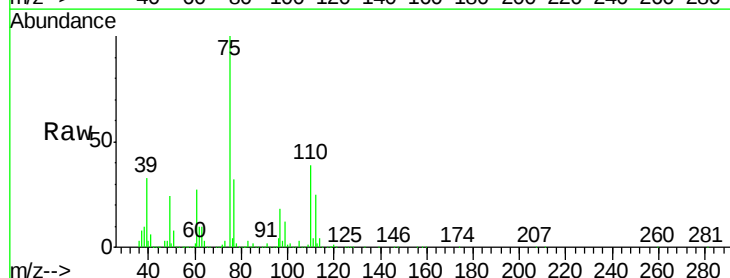
RT: 11.87 min Scan# 1151

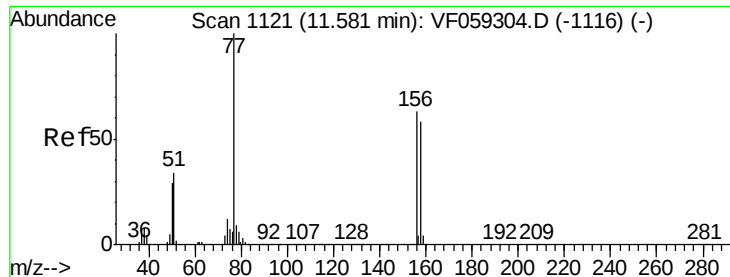
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 392575 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 31.7  | 18.0  | 54.0   |





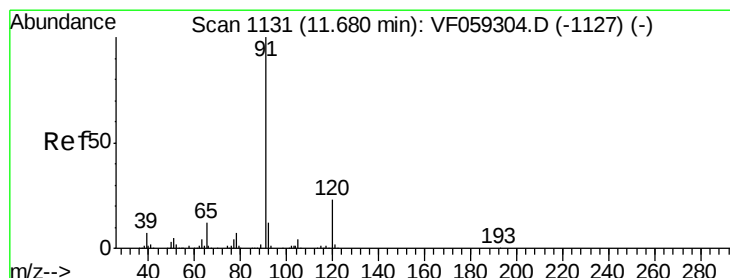
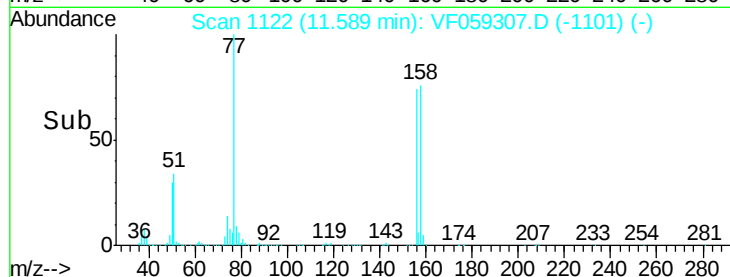
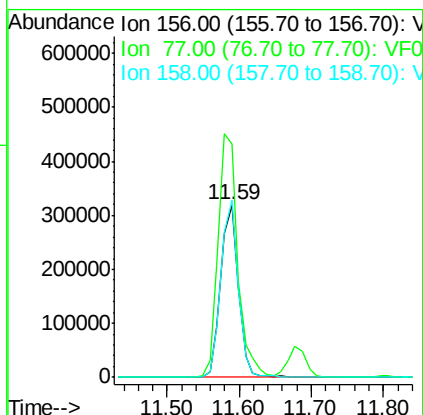
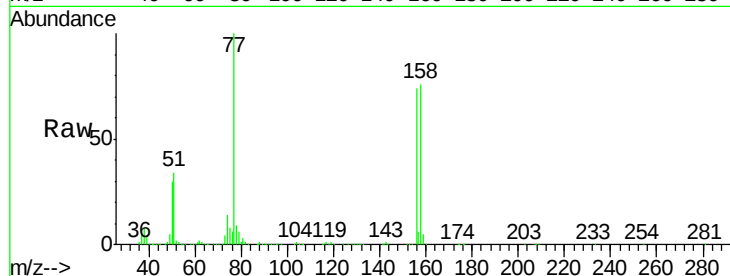
#77  
Bromobenzene  
Concen: 120.88 ug/l  
RT: 11.59 min Scan# 1122  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 135.6 | 79.7  | 238.9 |       |
| 158     | 102.6 | 46.2  | 138.6 |       |

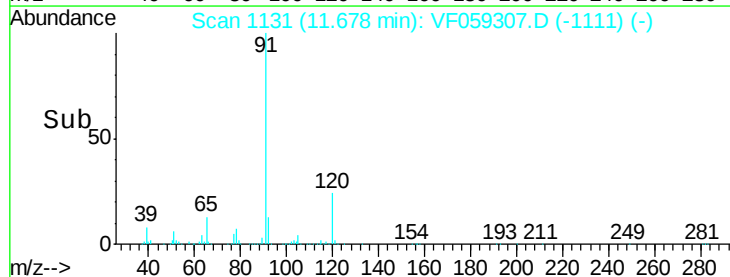
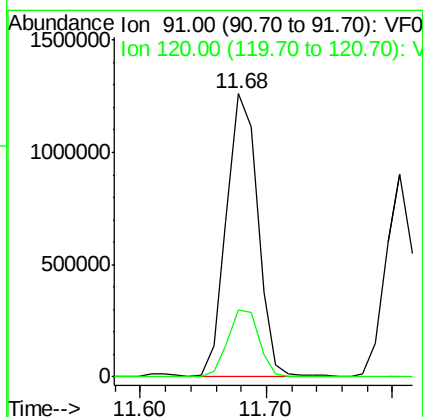
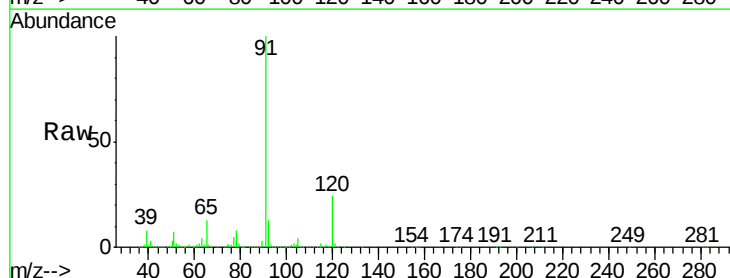
Manual Integrations  
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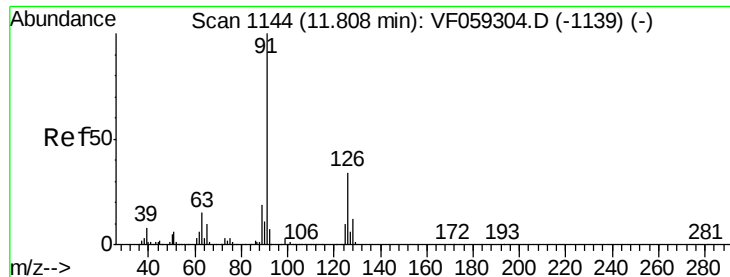
apatel  
6/26/2018 10:04:45 AM



#78  
n-propylbenzene  
Concen: 111.02 ug/l  
RT: 11.68 min Scan# 1131  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 23.9 | 11.7  | 35.0  |       |





#79

2-Chlorotoluene

Concen: 118.71 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1393223

Ion Ratio Lower Upper

91 100

126 35.7

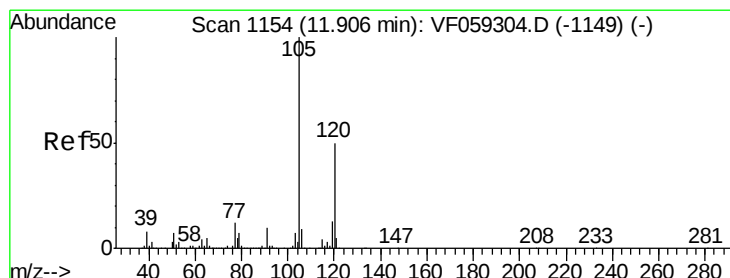
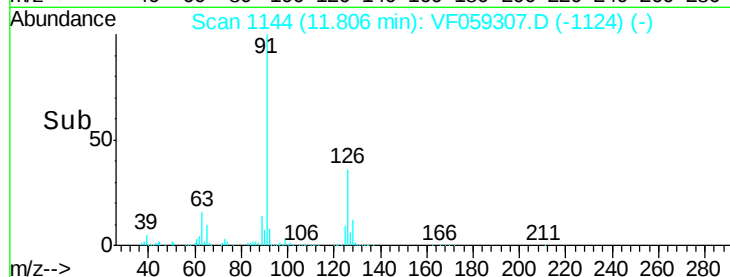
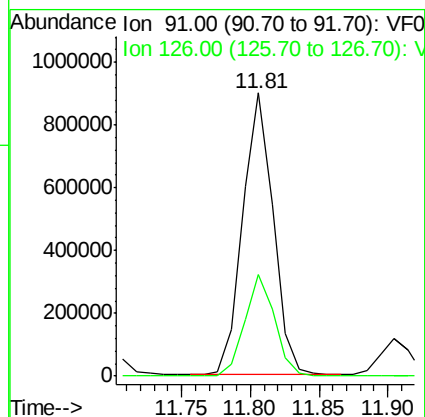
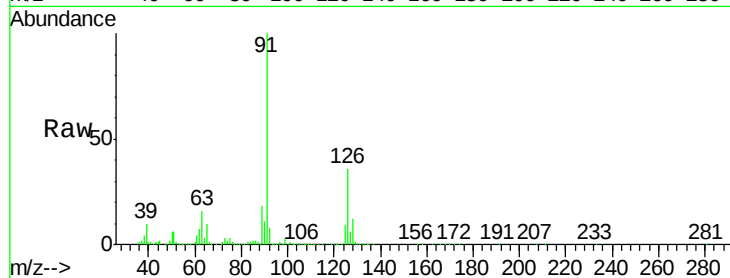
17.2 51.5

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#80

1,3,5-Trimethylbenzene

Concen: 115.44 ug/l

RT: 11.90 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

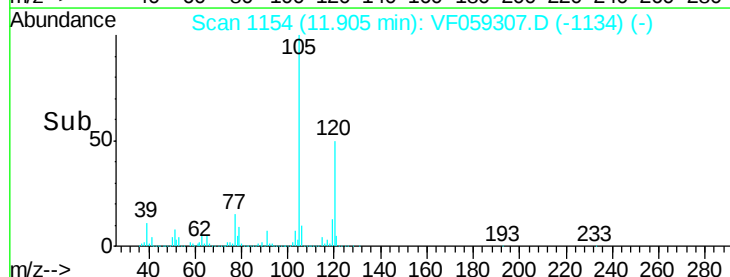
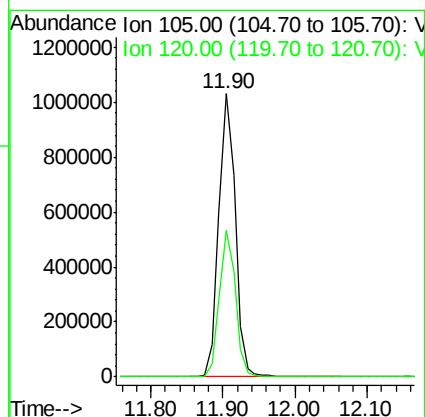
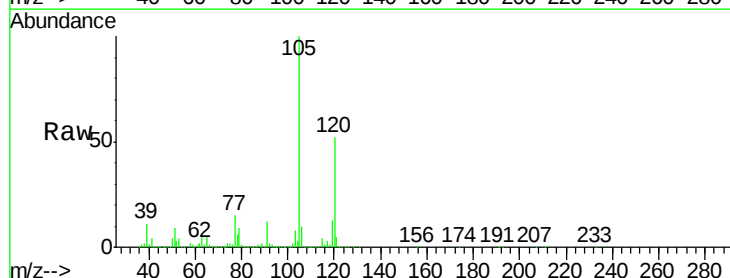
Tgt Ion:105 Resp: 1614616

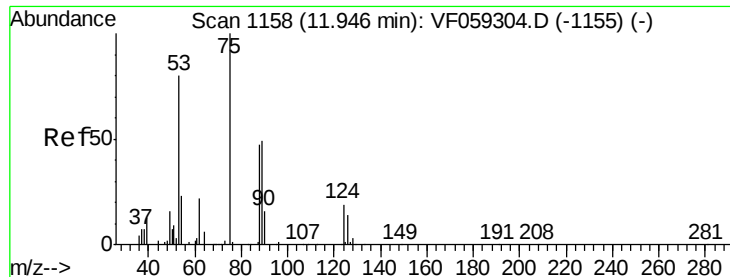
Ion Ratio Lower Upper

105 100

120 51.6

24.9 74.7





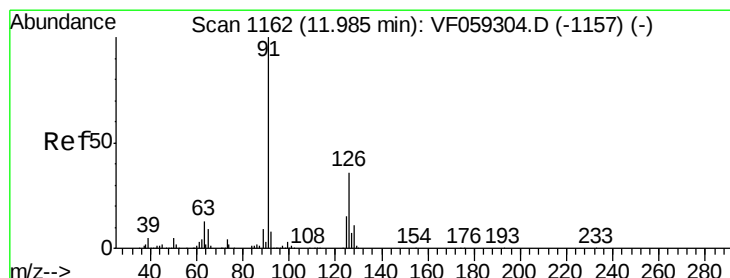
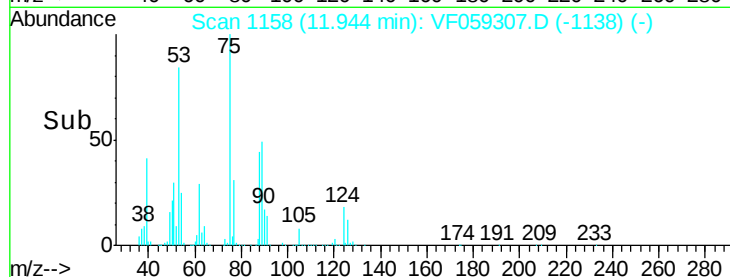
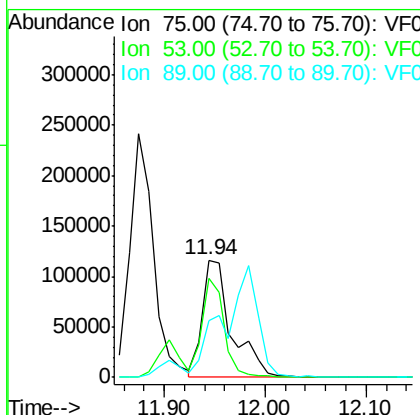
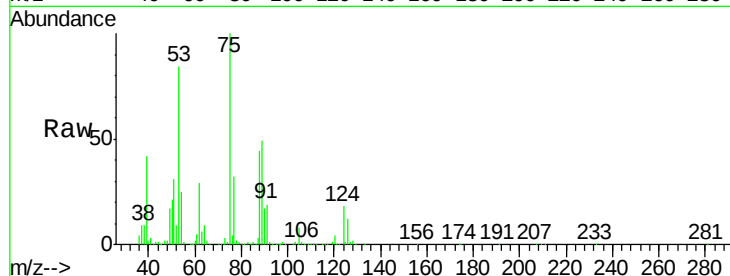
#81  
trans-1,4-Dichloro-2-butene  
Concen: 128.47 ug/l  
RT: 11.94 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 83.9  | 68.8  | 103.2 |
| 89      | 48.8  | 42.0  | 63.0  |

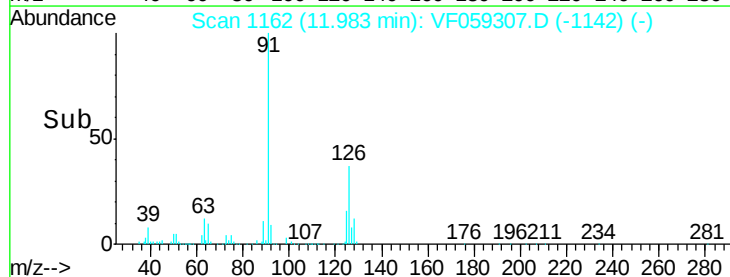
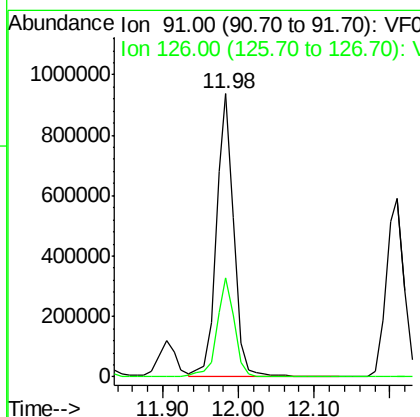
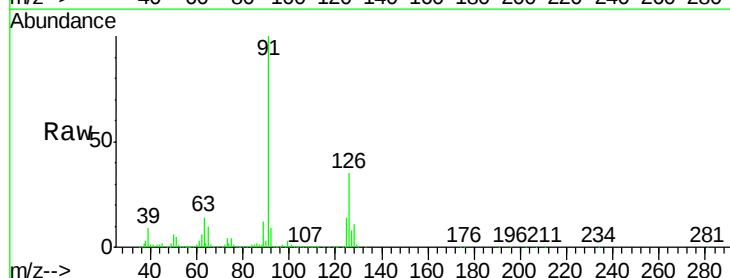
Manual Integrations  
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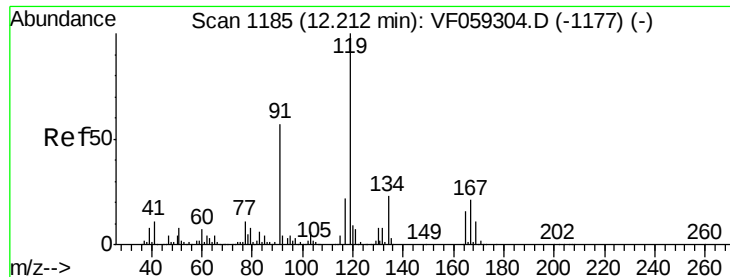
apatel  
6/26/2018 10:04:45 AM



#82  
4-Chlorotoluene  
Concen: 117.80 ug/l  
RT: 11.98 min Scan# 1162  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.0  | 18.2  | 54.6  |





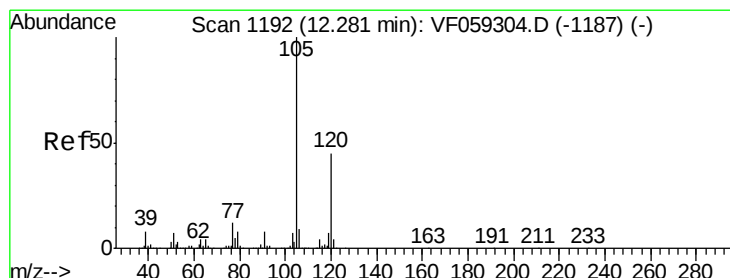
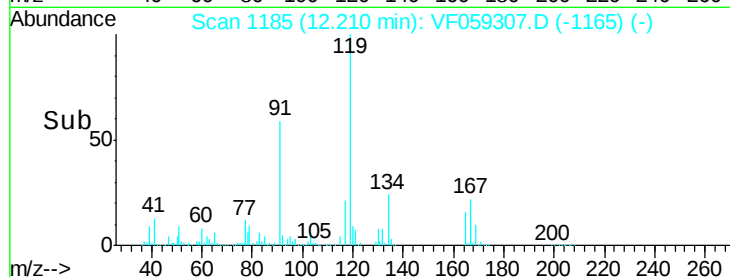
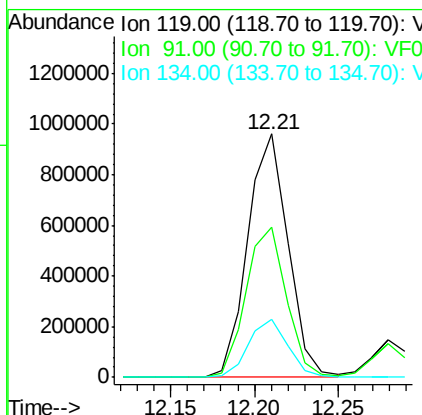
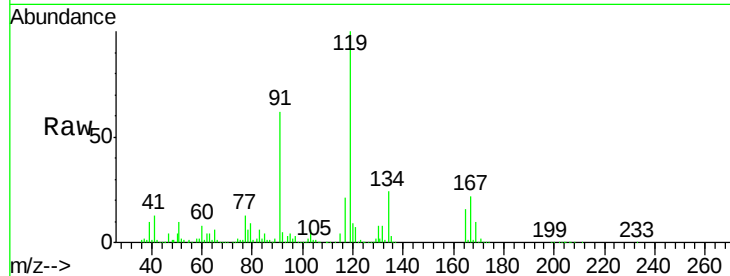
#83  
tert-Butylbenzene  
Concen: 113.18 ug/l  
RT: 12.21 min Scan# 1185  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion:119 Resp: 1598583  
Ion Ratio Lower Upper  
119 100  
91 61.5 28.4 85.2  
134 23.6 11.7 35.1

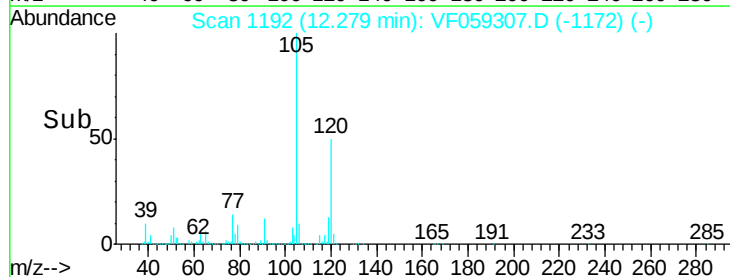
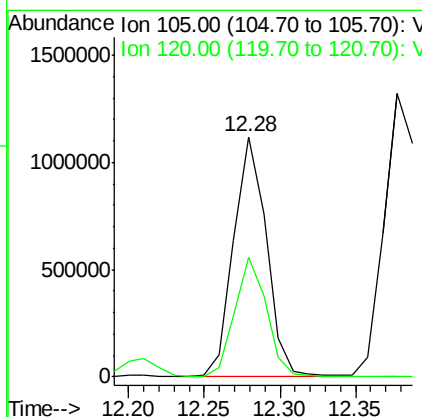
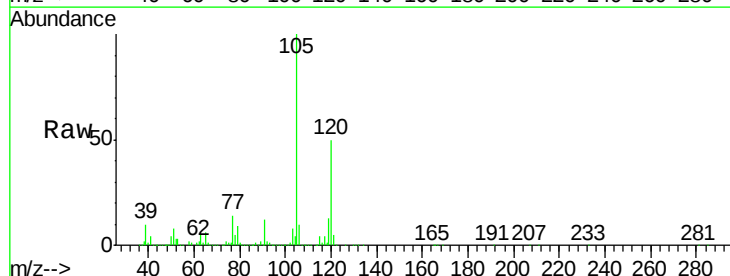
Manual Integrations  
APPROVED

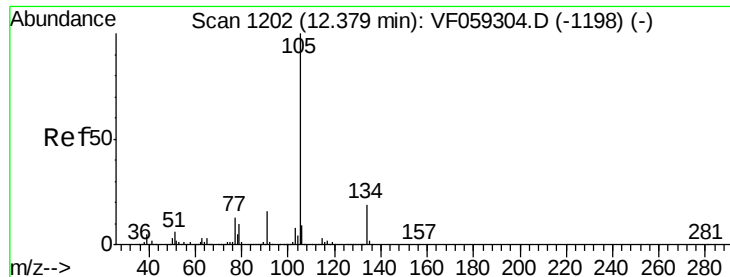
apatel  
6/26/2018 10:04:45 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 114.06 ug/l  
RT: 12.28 min Scan# 1192  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Tgt Ion:105 Resp: 1687980  
Ion Ratio Lower Upper  
105 100  
120 49.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 112.56 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 2135590

Ion Ratio Lower Upper

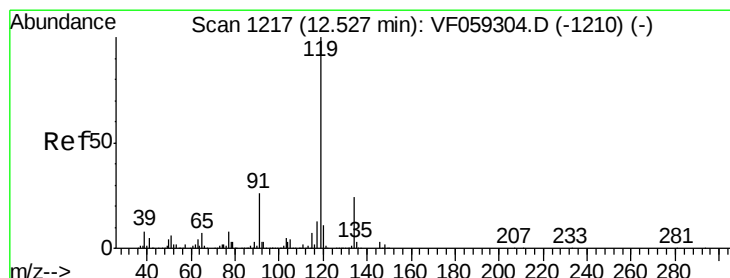
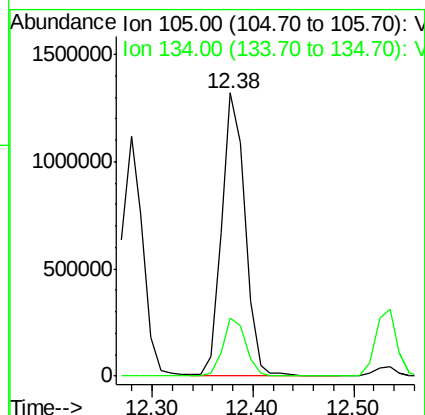
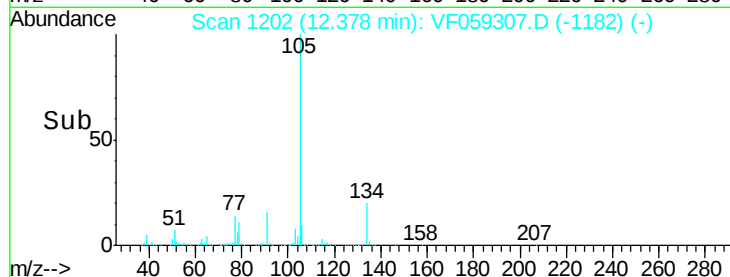
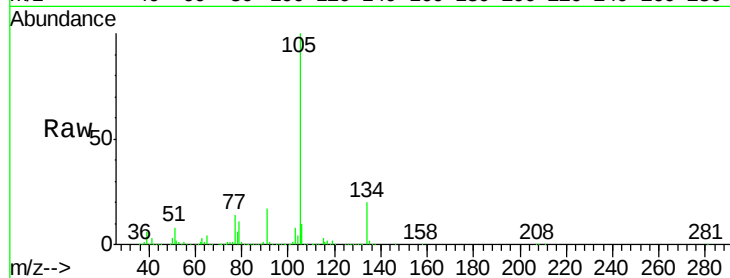
105 100

134 20.3 9.4 28.3

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#86

p-Isopropyltoluene

Concen: 113.06 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

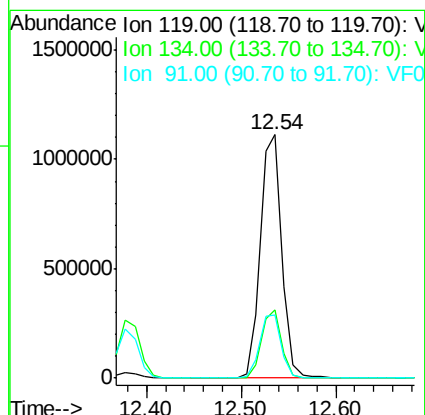
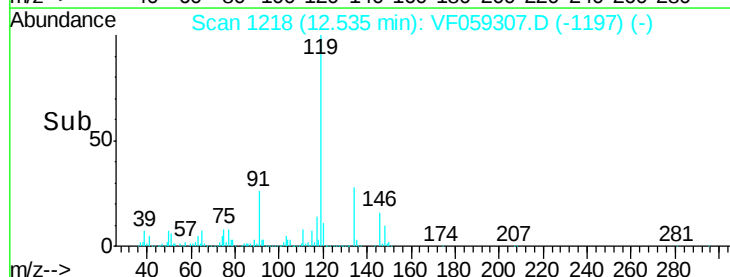
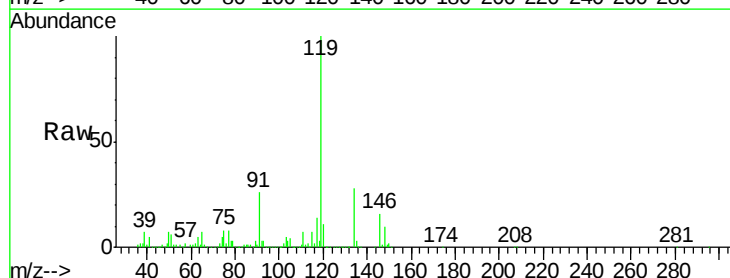
Tgt Ion:119 Resp: 1759406

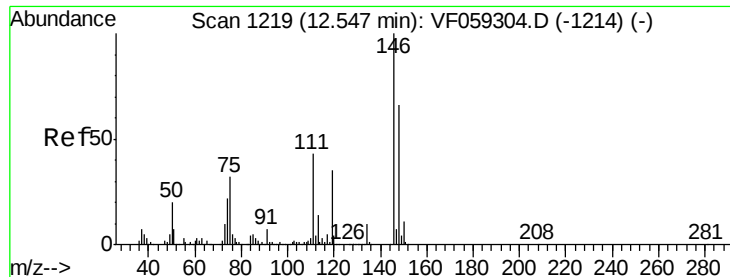
Ion Ratio Lower Upper

119 100

134 27.9 12.2 36.4

91 25.7 12.9 38.6





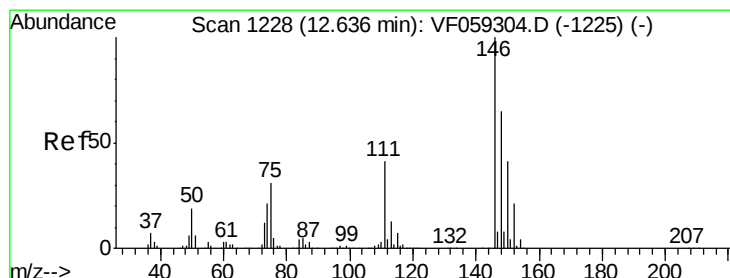
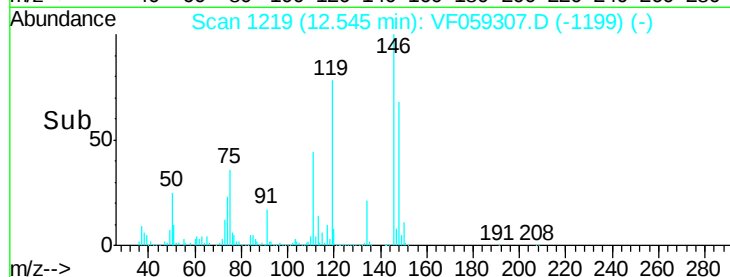
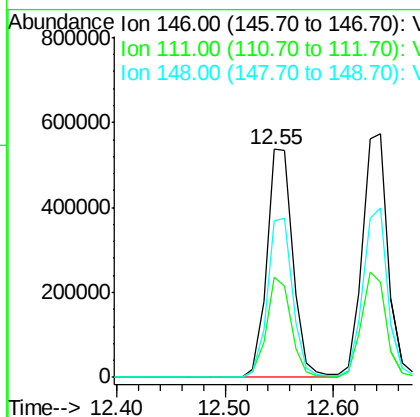
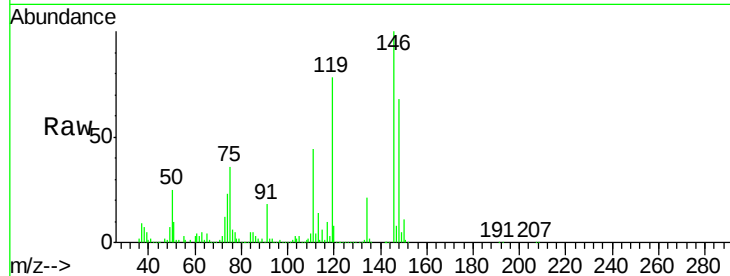
#87  
 1,3-Dichlorobenzene  
 Concen: 111.99 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 901858 |       |       |
| 111     | 43.9  | 21.4   | 64.2  |       |
| 148     | 68.4  | 32.8   | 98.4  |       |

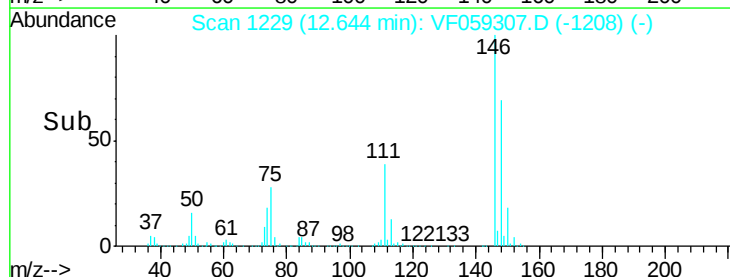
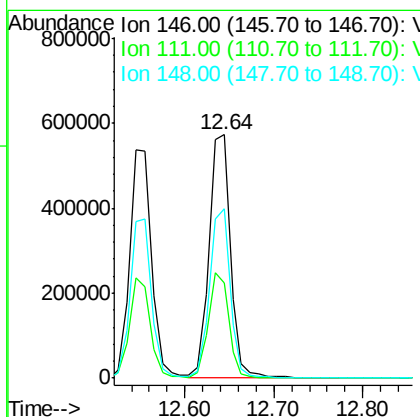
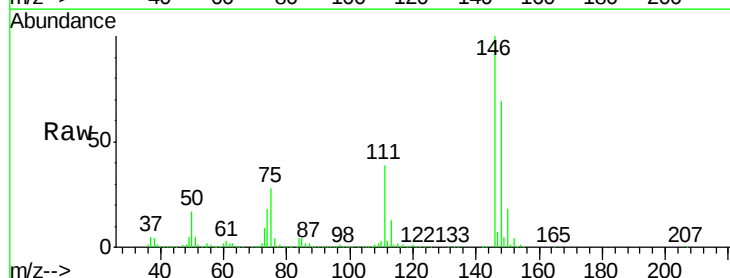
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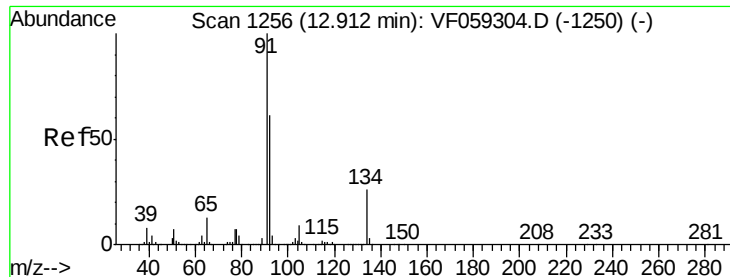
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 119.69 ug/l  
 RT: 12.64 min Scan# 1229  
 Delta R.T. 0.01 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 949057 |       |       |
| 111     | 39.3  | 20.7   | 62.1  |       |
| 148     | 69.3  | 32.8   | 98.3  |       |





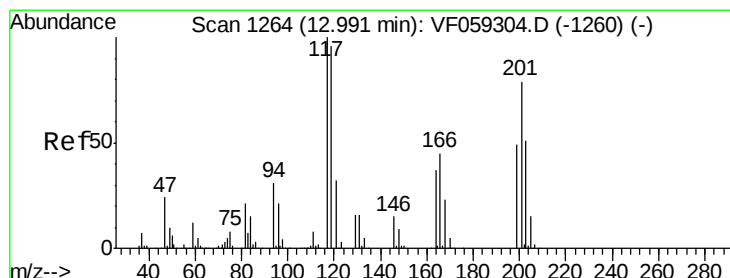
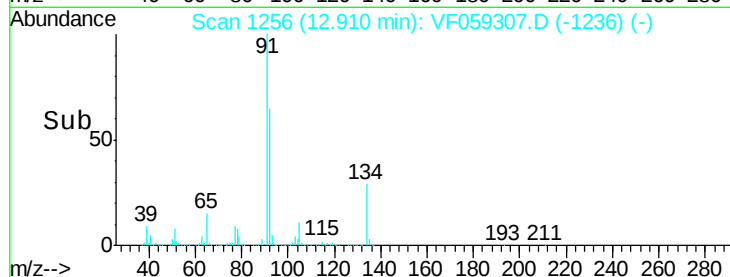
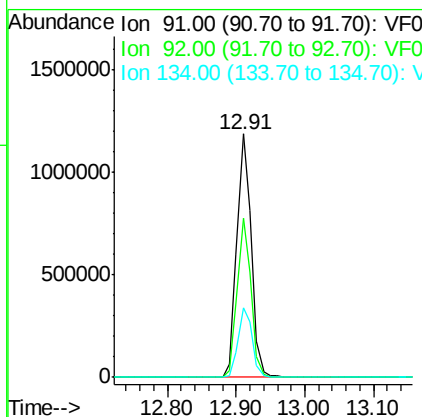
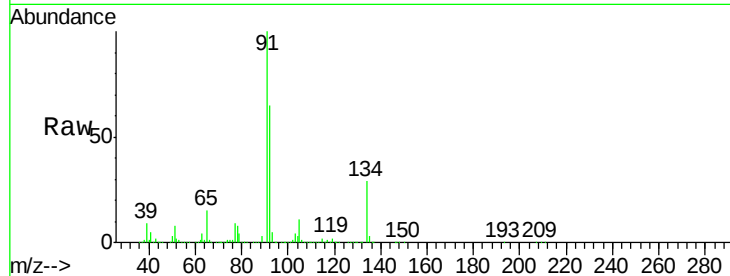
#89  
n-Butylbenzene  
Concen: 108.64 ug/l  
RT: 12.91 min Scan# 1256  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 65.2  | 30.3  | 91.0  |
| 134     | 28.6  | 12.9  | 38.7  |

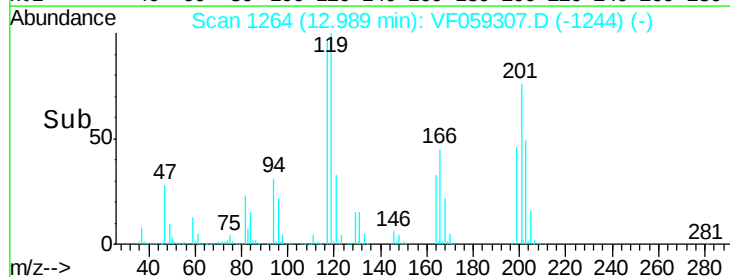
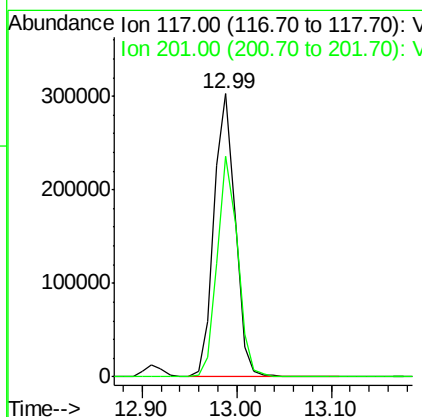
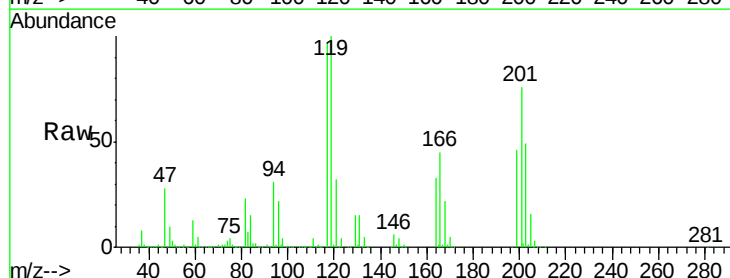
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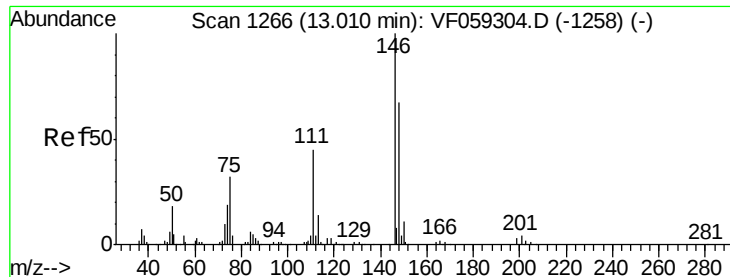
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#90  
Hexachloroethane  
Concen: 120.67 ug/l  
RT: 12.99 min Scan# 1264  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 78.0  | 39.5  | 118.5 |





#91

1,2-Dichlorobenzene

Concen: 116.09 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

Instrument :

MSVOA\_F

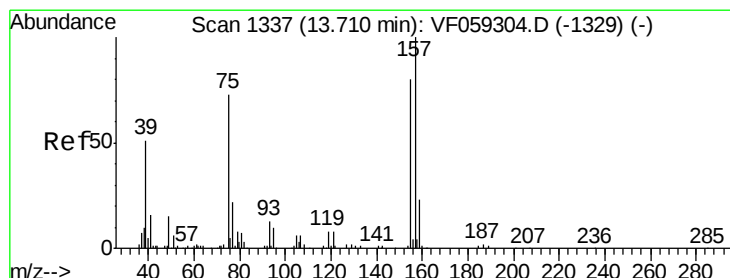
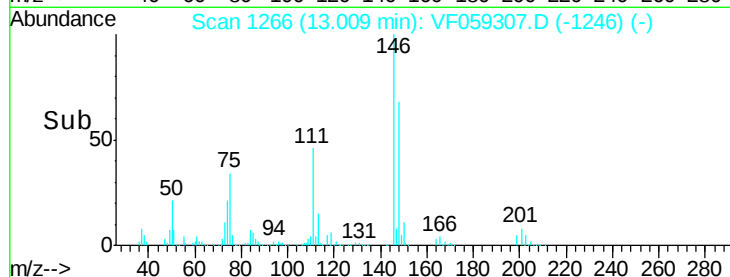
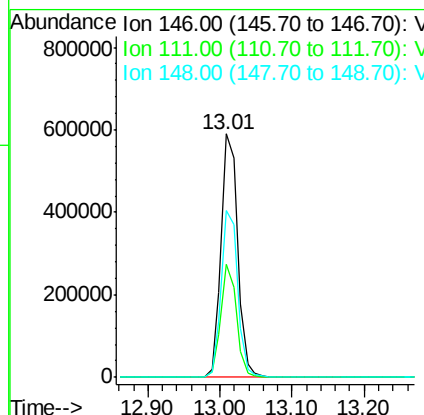
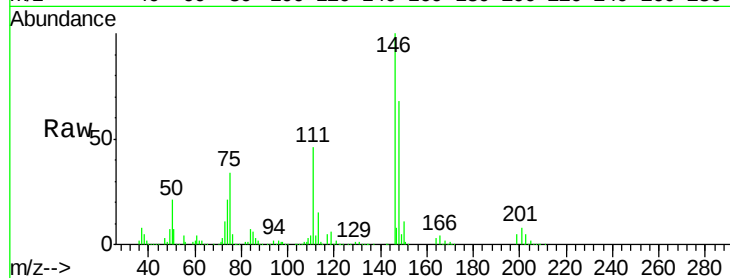
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 937592 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 46.2  | 22.7  | 68.0   |
| 148       | 68.4  | 33.5  | 100.4  |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 141.66 ug/l

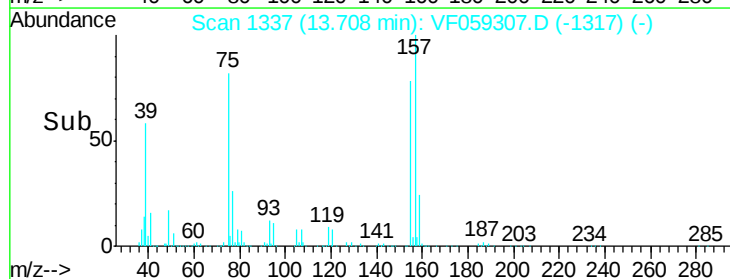
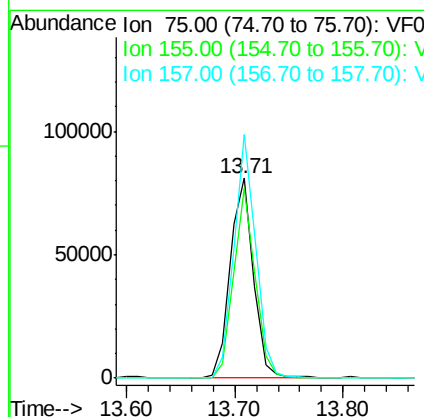
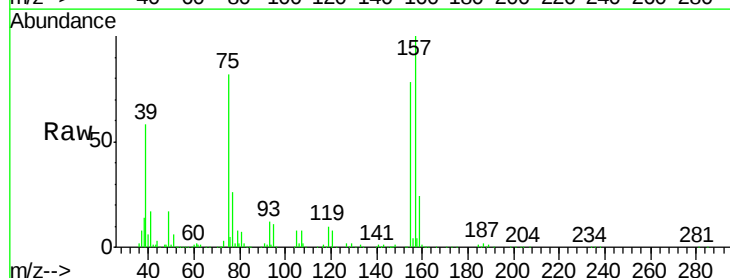
RT: 13.71 min Scan# 1337

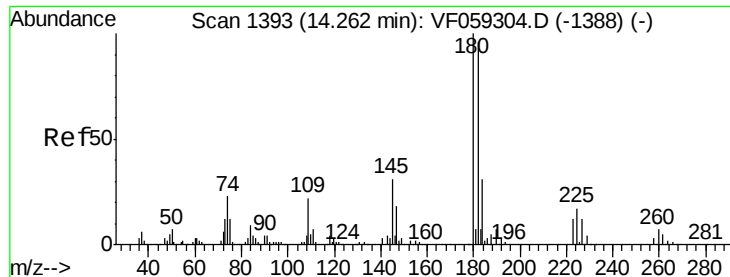
Delta R.T. -0.00 min

Lab File: VF059307.D

Acq: 25 Jun 2018 17:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 121318 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 155       | 94.9  | 54.6  | 163.8  |
| 157       | 122.0 | 68.7  | 205.9  |





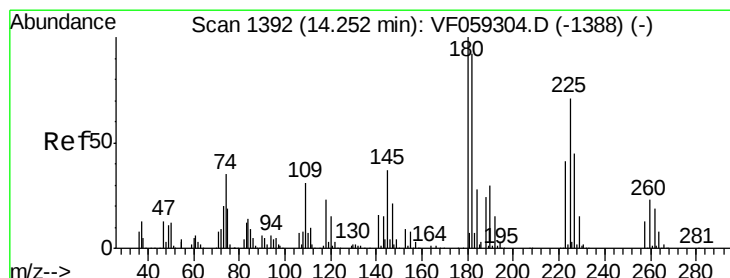
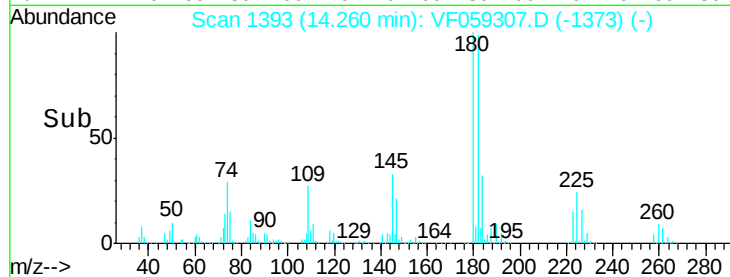
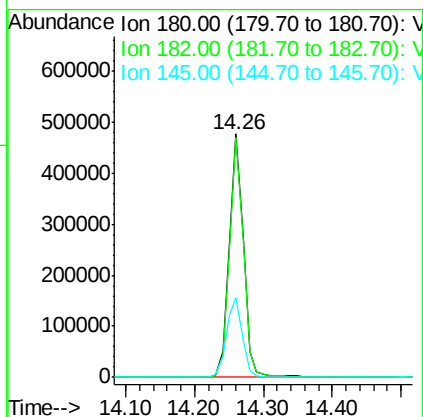
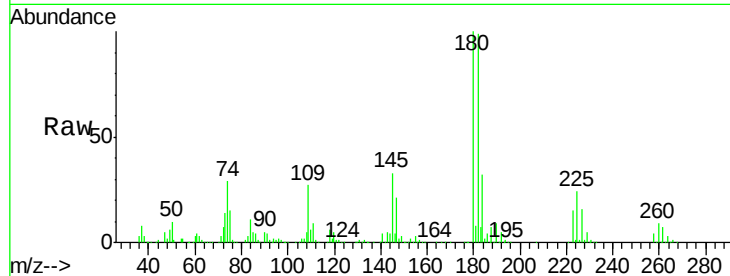
#93  
 1,2,4-Trichlorobenzene  
 Concen: 116.65 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 682982 |       |       |
| 182     | 98.6  | 48.1   | 144.3 |       |
| 145     | 32.9  | 15.3   | 45.8  |       |

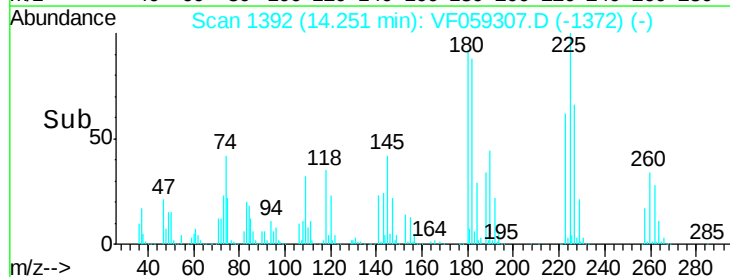
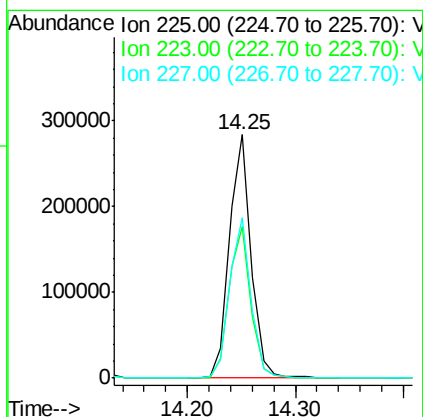
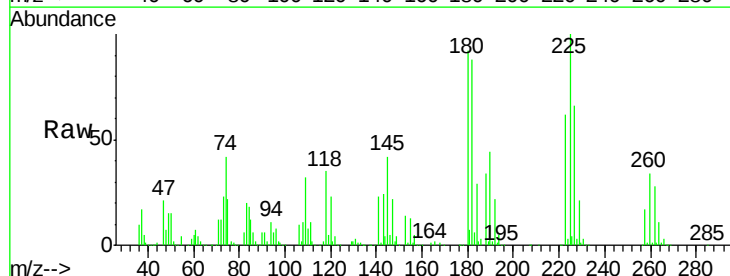
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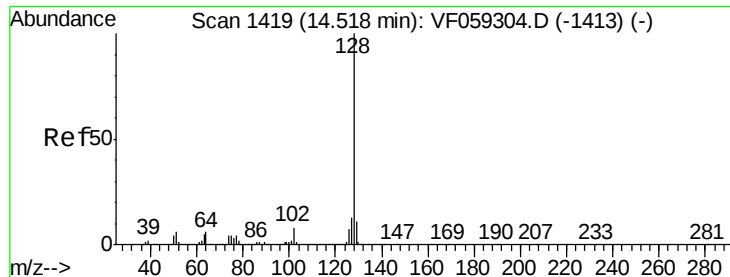
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#94  
 Hexachlorobutadiene  
 Concen: 115.69 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VF059307.D  
 Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 396450 |       |       |
| 223     | 62.4  | 28.9   | 86.8  |       |
| 227     | 66.1  | 31.3   | 93.8  |       |





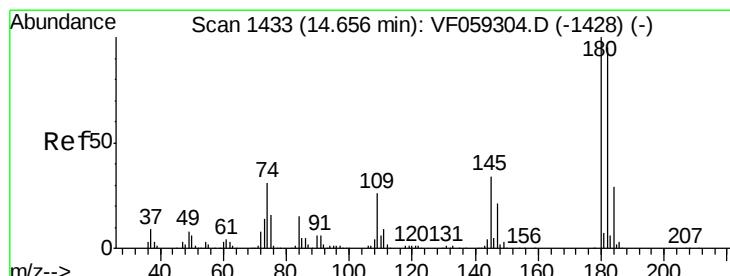
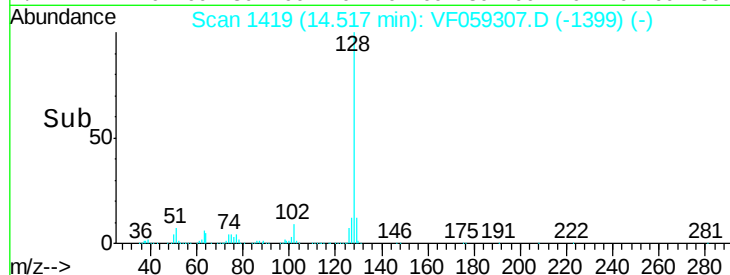
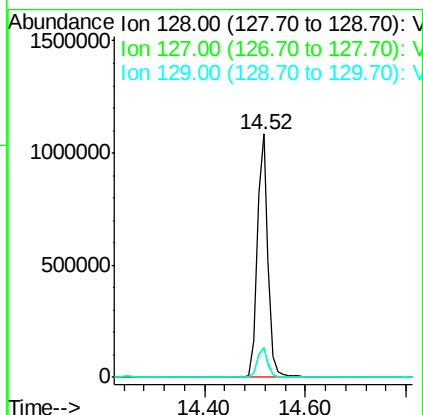
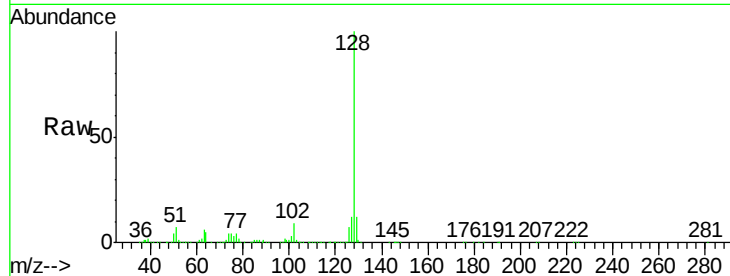
#95  
Naphthalene  
Concen: 135.89 ug/l  
RT: 14.52 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.4  | 10.1  | 15.1  |
| 129     | 12.2  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 127.85 ug/l  
RT: 14.66 min Scan# 1434  
Delta R.T. 0.01 min  
Lab File: VF059307.D  
Acq: 25 Jun 2018 17:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.8  | 47.5  | 142.5 |
| 145     | 30.0  | 17.0  | 50.9  |

