

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF121918\  
 Data File : VF061098.D  
 Acq On : 19 Dec 2018 21:29  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 10:29:58 AM

Quant Time: Dec 20 03:32:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 4.87  | 168  | 209269   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 5.60  | 114  | 369750   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 9.78  | 117  | 317334   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.56 | 152  | 163867   | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 4.85  | 65   | 138255   | 51.37   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 102.74% |          |
| 35) Dibromofluoromethane      | 4.11  | 113  | 140407   | 47.40   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 94.80%  |          |
| 50) Toluene-d8                | 7.56  | 98   | 427487   | 50.93   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 101.86% |          |
| 62) 4-Bromofluorobenzene      | 11.41 | 95   | 175976   | 45.48   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 90.96%  |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 0.97  | 85   | 217808   | 46.821  | ug/l    | 99       |
| 3) Chloromethane              | 1.10  | 50   | 116461   | 43.705  | ug/l    | 95       |
| 4) Vinyl Chloride             | 1.14  | 62   | 109932   | 44.472  | ug/l    | 98       |
| 5) Bromomethane               | 1.34  | 94   | 89400    | 52.142  | ug/l    | 99       |
| 6) Chloroethane               | 1.39  | 64   | 57942    | 50.871  | ug/l #  | 86       |
| 7) Trichlorofluoromethane     | 1.49  | 101  | 243531m  | 51.597  | ug/l    |          |
| 8) Diethyl Ether              | 1.63  | 74   | 33469    | 51.784  | ug/l    | 89       |
| 9) 1,1,2-Trichlorotrifluoroet | 1.84  | 101  | 118225   | 48.310  | ug/l    | 96       |
| 10) Methyl Iodide             | 1.91  | 142  | 187565m  | 48.623  | ug/l    |          |
| 11) Tert butyl alcohol        | 2.56  | 59   | 28179    | 259.438 | ug/l    | 99       |
| 12) 1,1-Dichloroethene        | 1.79  | 96   | 93154    | 50.498  | ug/l    | 98       |
| 13) Acrolein                  | 2.00  | 56   | 16894    | 215.252 | ug/l    | 87       |
| 14) Allyl chloride            | 2.09  | 41   | 104410   | 54.388  | ug/l    | 97       |
| 15) Acrylonitrile             | 2.95  | 53   | 63909    | 254.454 | ug/l    | 98       |
| 16) Acetone                   | 2.24  | 43   | 111714   | 207.619 | ug/l    | 99       |
| 17) Carbon Disulfide          | 1.84  | 76   | 270758m  | 48.569  | ug/l    |          |
| 18) Methyl Acetate            | 2.35  | 43   | 60229m   | 54.103  | ug/l    |          |
| 19) Methyl tert-butyl Ether   | 2.44  | 73   | 209464   | 51.156  | ug/l    | 96       |
| 20) Methylene Chloride        | 2.25  | 84   | 91202m   | 53.342  | ug/l    |          |
| 21) trans-1,2-Dichloroethene  | 2.31  | 96   | 94489m   | 47.891  | ug/l    |          |
| 22) Diisopropyl ether         | 2.80  | 45   | 306809   | 47.979  | ug/l    | 98       |
| 23) Vinyl Acetate             | 3.19  | 43   | 724643   | 245.644 | ug/l    | 98       |
| 24) 1,1-Dichloroethane        | 2.87  | 63   | 195819   | 51.684  | ug/l    | 98       |
| 25) 2-Butanone                | 4.34  | 43   | 205213   | 235.161 | ug/l    | 93       |
| 26) 2,2-Dichloropropane       | 3.60  | 77   | 106813   | 49.125  | ug/l    | 96       |
| 27) cis-1,2-Dichloroethene    | 3.47  | 96   | 139907   | 46.319  | ug/l    | 97       |
| 28) Bromochloromethane        | 3.72  | 49   | 89052    | 46.323  | ug/l    | 96       |
| 29) Tetrahydrofuran           | 4.08  | 42   | 91748    | 258.316 | ug/l    | 96       |
| 30) Chloroform                | 3.87  | 83   | 285702   | 50.291  | ug/l    | 97       |
| 31) Cyclohexane               | 3.70  | 56   | 191826m  | 48.792  | ug/l    |          |
| 32) 1,1,1-Trichloroethane     | 4.09  | 97   | 167075   | 49.066  | ug/l    | 93       |
| 36) 1,1-Dichloropropene       | 4.28  | 75   | 223719   | 50.126  | ug/l    | 99       |
| 37) Ethyl Acetate             | 4.11  | 43   | 89487    | 51.901  | ug/l    | 89       |
| 38) Carbon Tetrachloride      | 3.99  | 117  | 164817   | 48.492  | ug/l    | 93       |

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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 10:29:58 AM

Quant Time: Dec 20 03:32:19 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.45  | 83   | 195966   | 48.942  | ug/l   | 95       |
| 40) Benzene                    | 4.64  | 78   | 482663   | 50.288  | ug/l   | 95       |
| 41) Methacrylonitrile          | 4.75  | 41   | 47573    | 50.472  | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 4.94  | 62   | 183852   | 50.424  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.96  | 43   | 102686   | 47.650  | ug/l # | 99       |
| 44) Trichloroethene            | 5.50  | 130  | 149905   | 49.539  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.23  | 63   | 122818   | 47.033  | ug/l   | 99       |
| 46) Dibromomethane             | 6.09  | 93   | 83052    | 49.037  | ug/l   | 93       |
| 47) Bromodichloromethane       | 6.39  | 83   | 212178   | 48.216  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.73  | 41   | 73152    | 48.624  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 6.72  | 88   | 10657    | 976.258 | ug/l # | 89       |
| 51) 4-Methyl-2-Pentanone       | 8.27  | 43   | 357484   | 241.876 | ug/l   | 99       |
| 52) Toluene                    | 7.62  | 92   | 315271   | 49.623  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.29  | 75   | 164814   | 46.427  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.31  | 75   | 212900   | 47.784  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.49  | 97   | 92312    | 48.467  | ug/l   | 93       |
| 56) Ethyl methacrylate         | 8.62  | 69   | 94425    | 45.816  | ug/l   | 87       |
| 57) 1,3-Dichloropropane        | 8.86  | 76   | 155500   | 45.141  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.30  | 63   | 126414   | 319.368 | ug/l   | 96       |
| 59) 2-Hexanone                 | 9.50  | 43   | 238871   | 223.488 | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.72  | 129  | 130872   | 47.934  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 8.99  | 107  | 98638    | 48.491  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.16  | 164  | 134036   | 54.908  | ug/l   | 97       |
| 65) Chlorobenzene              | 9.80  | 112  | 543206   | 82.860  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.93  | 131  | 139632   | 52.120  | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.90  | 91   | 637267   | 53.358  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.14 | 106  | 420021   | 99.931  | ug/l   | 95       |
| 69) o-Xylene                   | 10.71 | 106  | 244153   | 52.376  | ug/l   | 95       |
| 70) Styrene                    | 10.79 | 104  | 325053   | 58.007  | ug/l   | 98       |
| 71) Bromoform                  | 10.78 | 173  | 64148    | 51.755  | ug/l # | 94       |
| 73) Isopropylbenzene           | 11.13 | 105  | 701688   | 49.690  | ug/l   | 96       |
| 74) N-amyl acetate             | 11.37 | 43   | 156353   | 49.871  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.70 | 83   | 116816   | 49.843  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.80 | 75   | 86413    | 49.545  | ug/l   | 99       |
| 77) Bromobenzene               | 11.50 | 156  | 151799   | 49.937  | ug/l   | 83       |
| 78) n-propylbenzene            | 11.60 | 91   | 783592   | 47.749  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.72 | 91   | 489385   | 50.519  | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.83 | 105  | 561323   | 48.274  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.87 | 75   | 34989m   | 46.684  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.91 | 91   | 475366   | 47.436  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.13 | 119  | 593595   | 49.610  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.20 | 105  | 577065   | 49.767  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.31 | 105  | 774695   | 49.613  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.46 | 119  | 664096   | 51.238  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.48 | 146  | 280303   | 57.286  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.57 | 146  | 278278   | 49.854  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.84 | 91   | 647823   | 49.325  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.92 | 117  | 158384   | 49.461  | ug/l   | 81       |
| 91) 1,2-Dichlorobenzene        | 12.94 | 146  | 273550   | 50.337  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.64 | 75   | 22188    | 51.591  | ug/l   | 95       |

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Acq On : 19 Dec 2018 21:29  
Operator : VA/AP  
Sample : VSTDCCC050  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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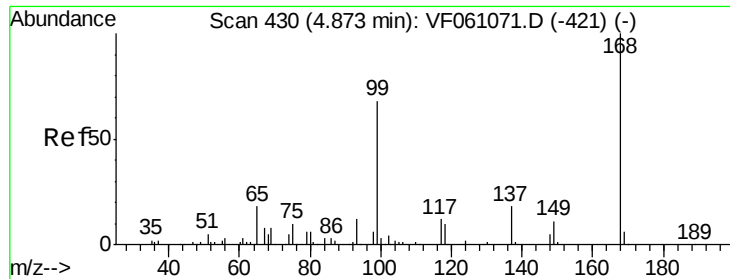
apatel  
12/20/2018 10:29:58 AM

Quant Time: Dec 20 03:32:19 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 20 00:56:59 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.20 | 180  | 187658   | 48.691 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.19 | 225  | 120977   | 49.284 | ug/l  | 98       |
| 95) Naphthalene            | 14.46 | 128  | 391307   | 55.602 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.60 | 180  | 178404   | 50.073 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 209269

Ion Ratio Lower Upper

168 100

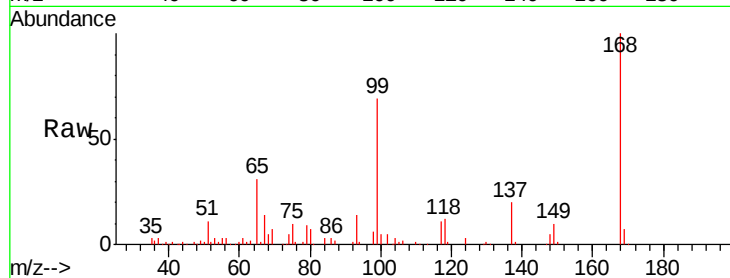
99 69.2 54.4 81.6

Manual Integrations

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12/20/2018 10:29:58 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

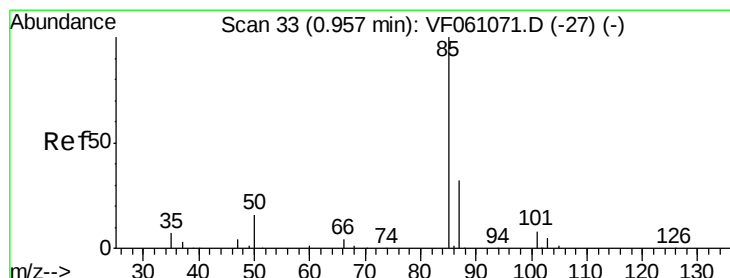
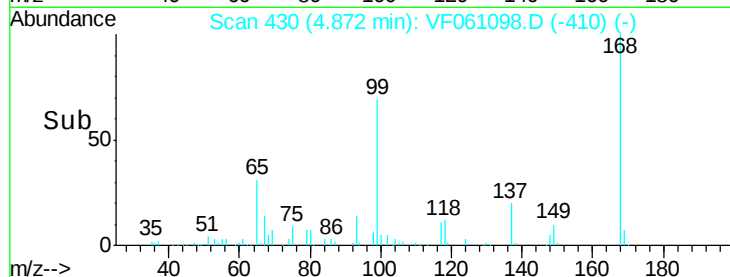
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#2

Dichlorodifluoromethane

Concen: 46.821 ug/l

RT: 0.97 min Scan# 34

Delta R.T. 0.01 min

Lab File: VF061098.D

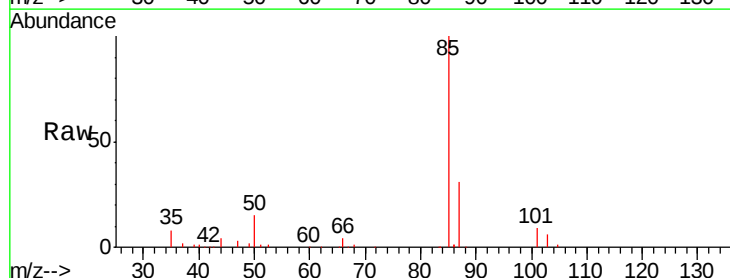
Acq: 19 Dec 2018 21:29

Tgt Ion: 85 Resp: 217808

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

60000

50000

40000

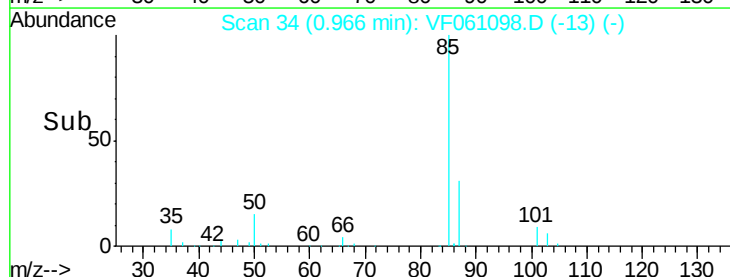
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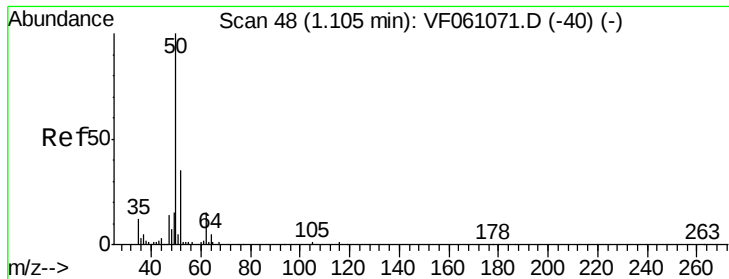
20000

10000

0

Time--> 0.80 0.90 1.00 1.10





#3

Chloromethane

Concen: 43.705 ug/l

RT: 1.10 min Scan# 48

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 116461

Ion Ratio Lower Upper

50 100

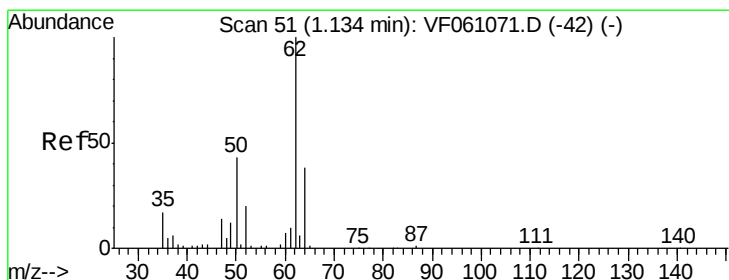
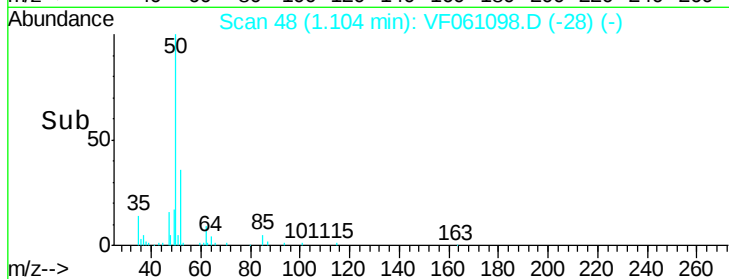
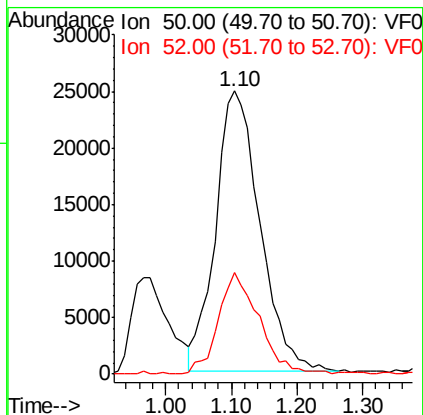
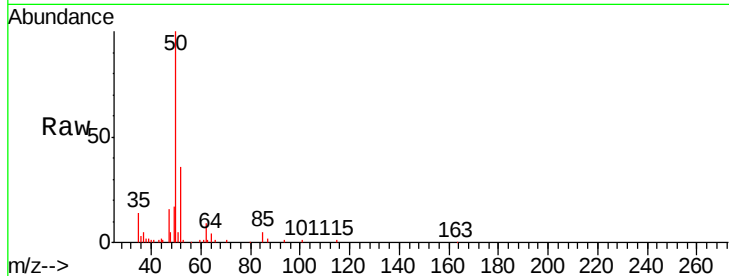
52 35.9 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.472 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF061098.D

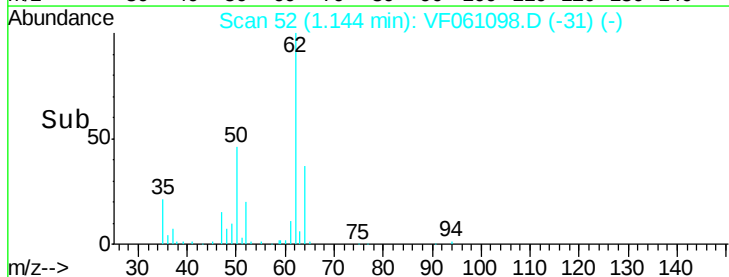
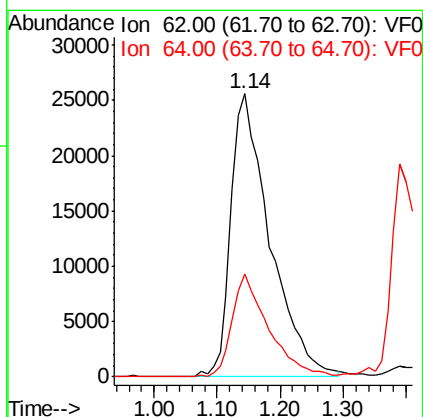
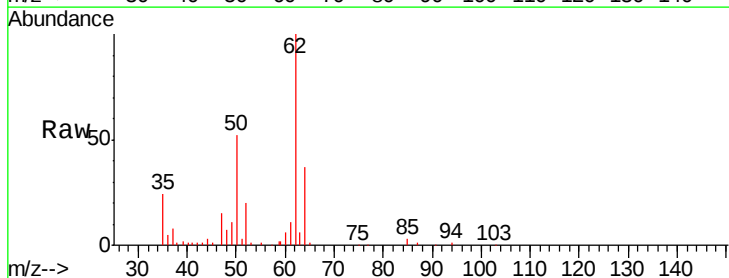
Acq: 19 Dec 2018 21:29

Tgt Ion: 62 Resp: 109932

Ion Ratio Lower Upper

62 100

64 36.5 30.4 45.6





#5

Bromomethane

Concen: 52.142 ug/l

RT: 1.34 min Scan# 72

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 89400

Ion Ratio Lower Upper

94 100

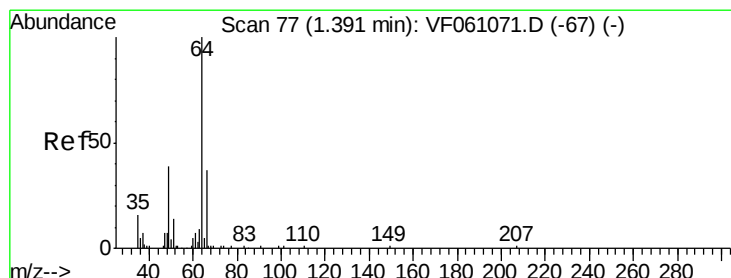
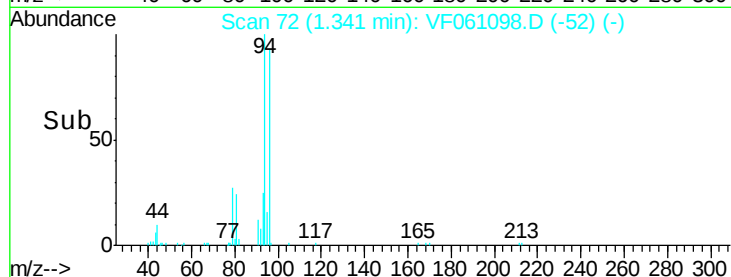
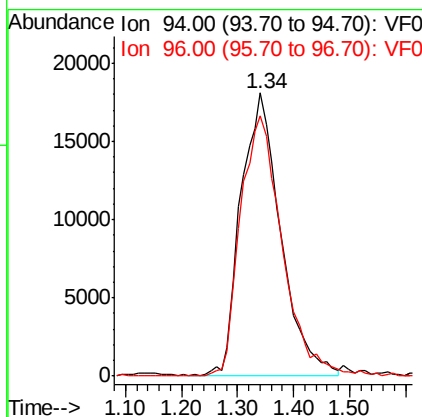
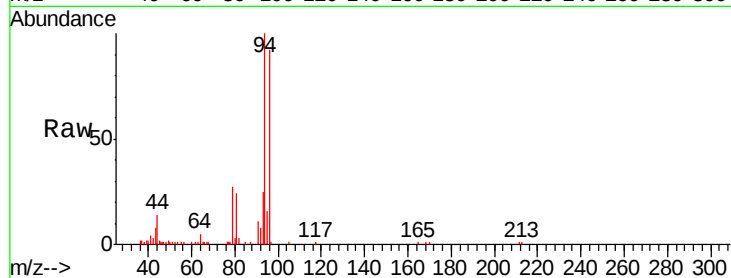
96 91.9 74.4 111.6

Manual Integrations

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12/20/2018 10:29:58 AM



#6

Chloroethane

Concen: 50.871 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.00 min

Lab File: VF061098.D

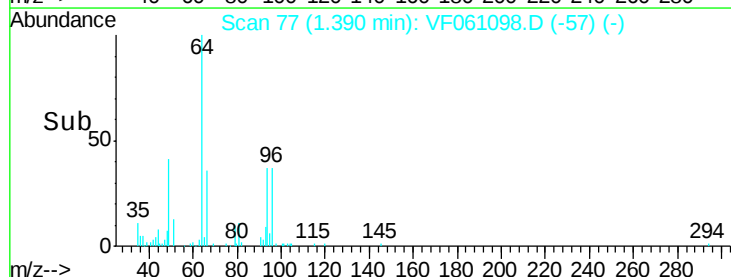
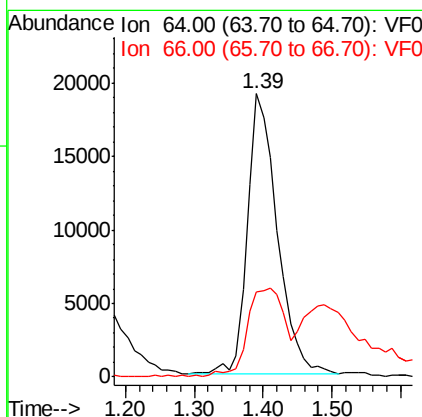
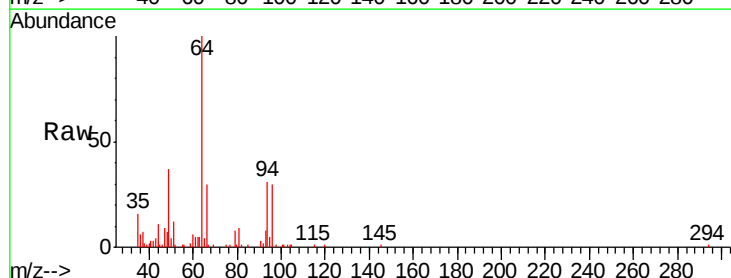
Acq: 19 Dec 2018 21:29

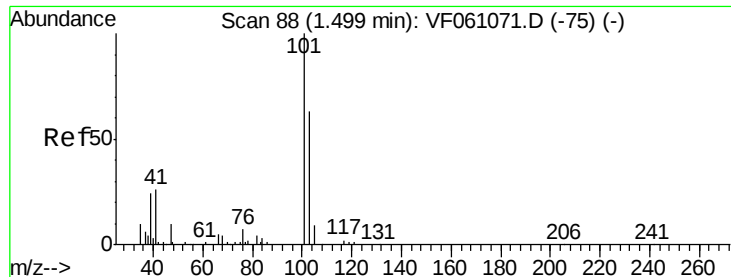
Tgt Ion: 64 Resp: 57942

Ion Ratio Lower Upper

64 100

66 29.9 30.9 46.3#





#7

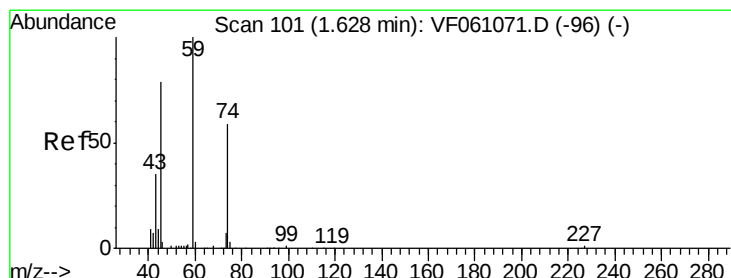
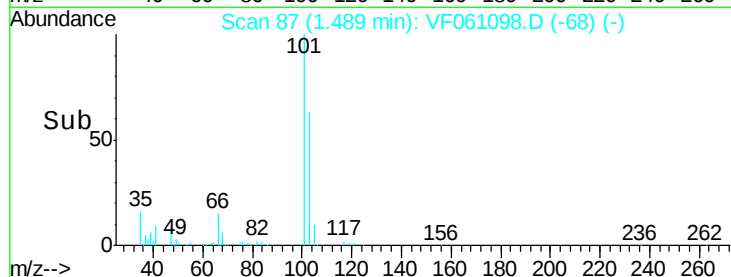
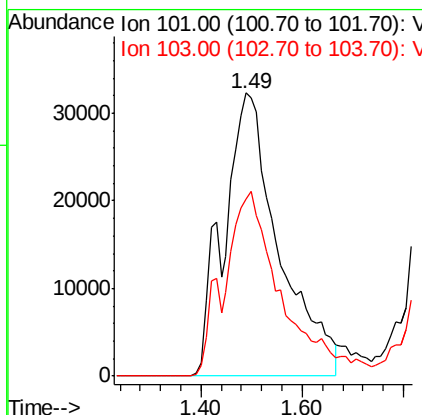
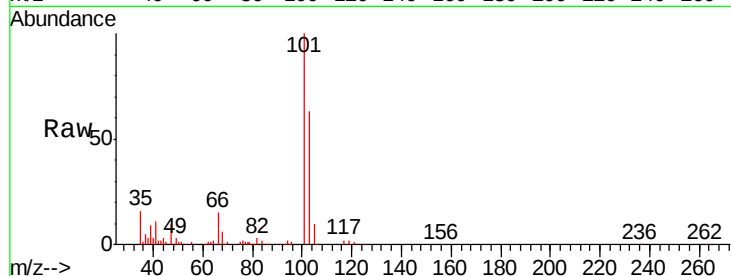
Trichlorofluoromethane  
Concen: 51.597 ug/l m  
RT: 1.49 min Scan# 87  
Delta R.T. -0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 62.6  | 50.7  | 76.1  |

Manual Integrations  
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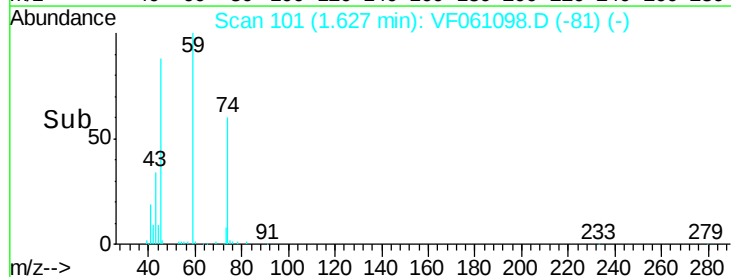
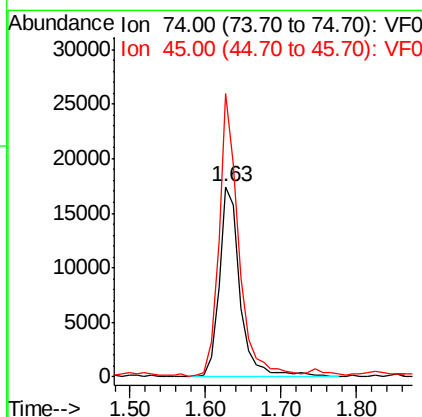
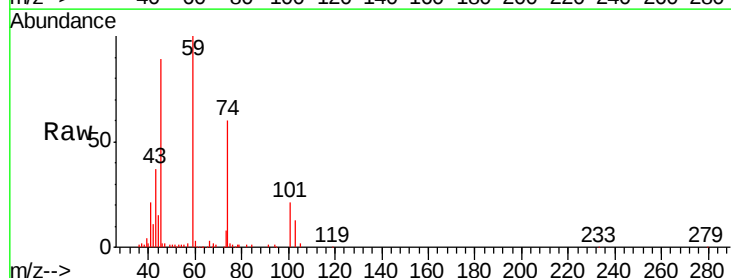
apatel  
12/20/2018 10:29:58 AM



#8

Diethyl Ether  
Concen: 51.784 ug/l  
RT: 1.63 min Scan# 101  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 148.8 | 67.8  | 203.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.310 ug/l

RT: 1.84 min Scan# 123

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

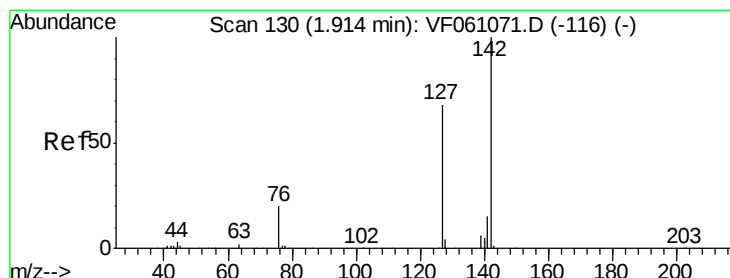
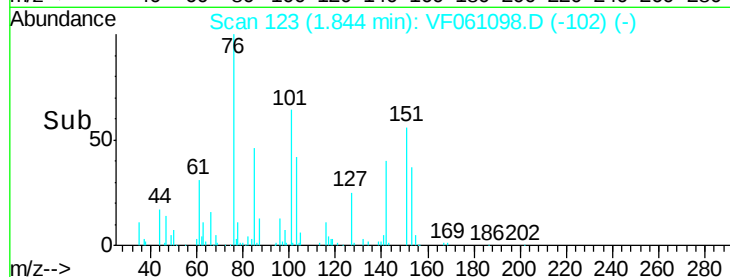
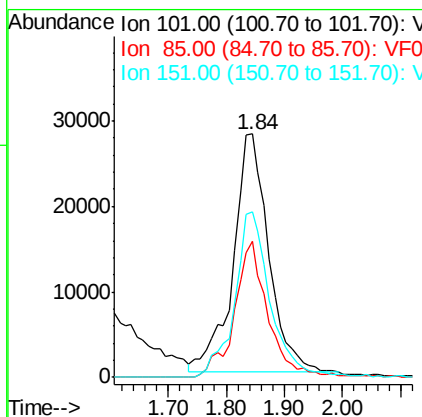
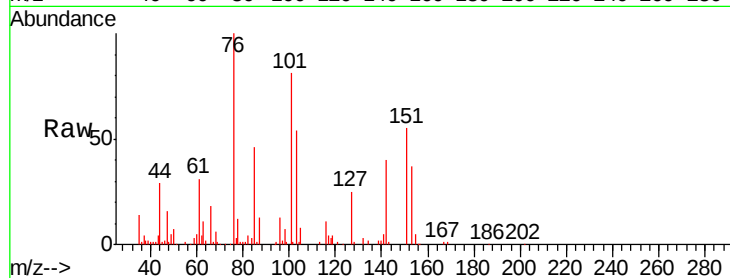
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 118225 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 55.9  | 44.5  | 66.7   |
| 151       | 68.0  | 49.9  | 74.9   |

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#10

Methyl Iodide

Concen: 48.623 ug/l m

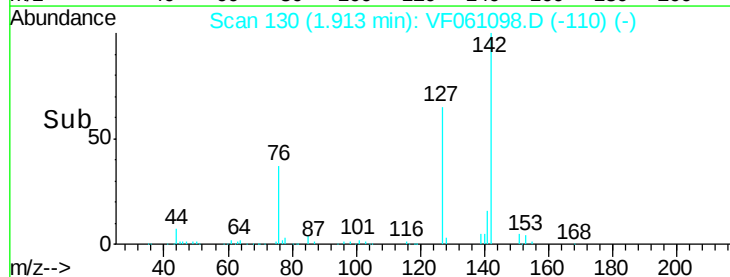
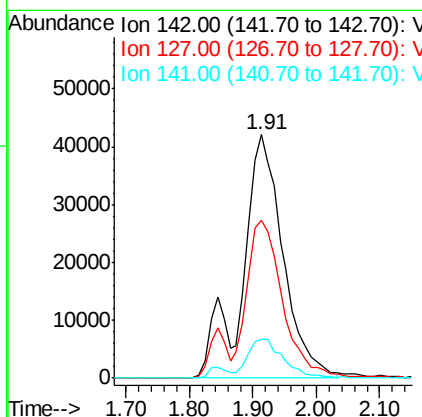
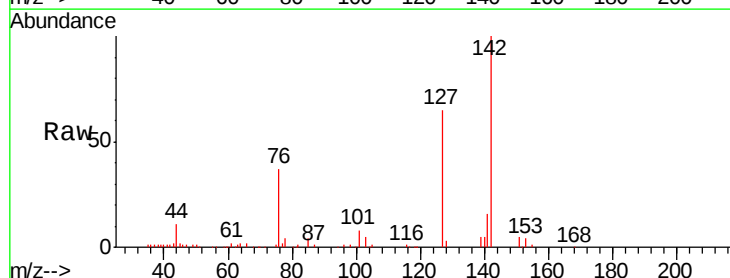
RT: 1.91 min Scan# 130

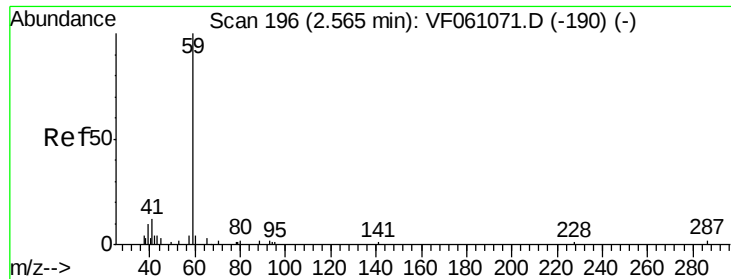
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 187565 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 64.7  | 54.7  | 82.1   |
| 141       | 16.2  | 12.2  | 18.2   |





#11

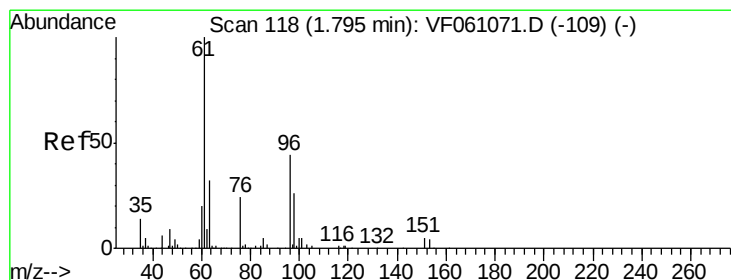
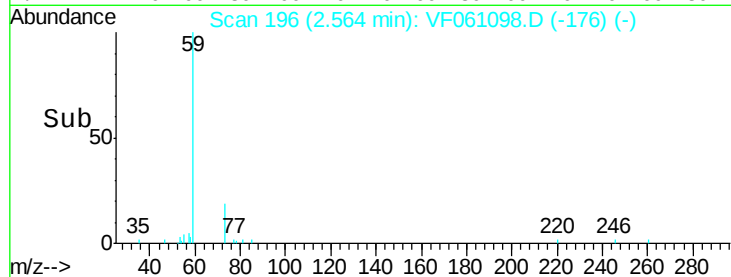
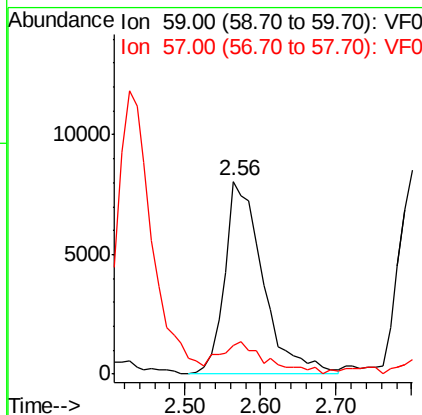
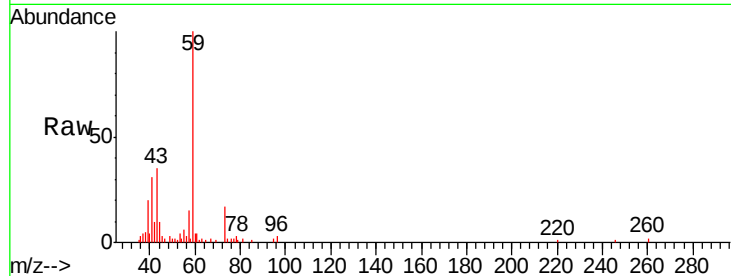
Tert butyl alcohol  
Concen: 259.438 ug/l  
RT: 2.56 min Scan# 196  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 14.9  | 11.5  | 17.3  |

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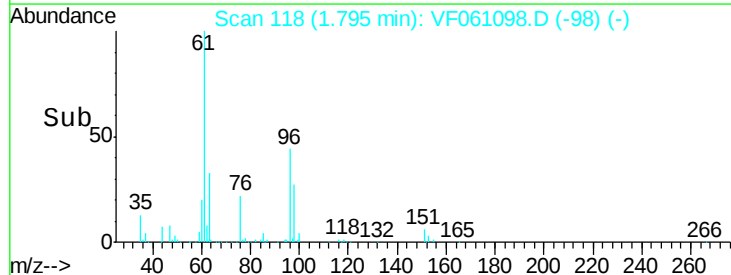
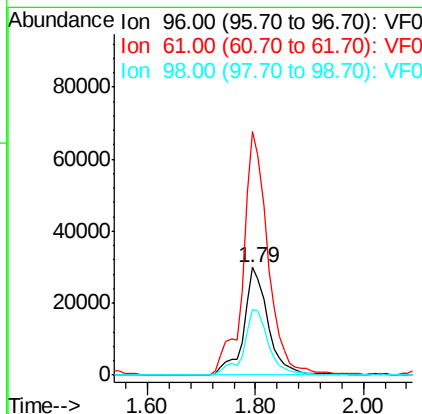
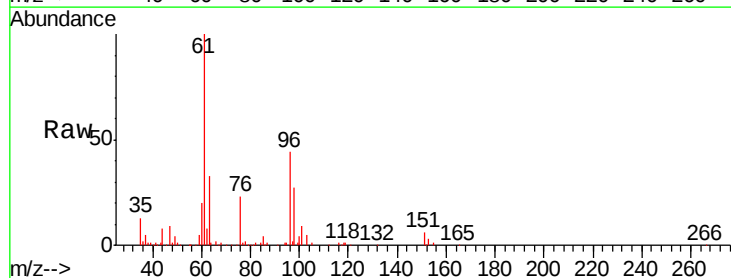
apatel  
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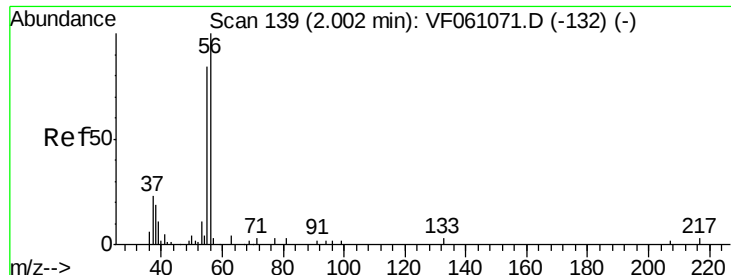


#12

1,1-Dichloroethene  
Concen: 50.498 ug/l  
RT: 1.79 min Scan# 118  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 225.7 | 182.0 | 273.0 |
| 98      | 61.1  | 46.5  | 69.7  |





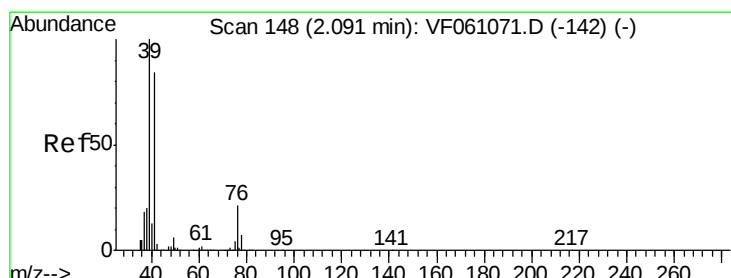
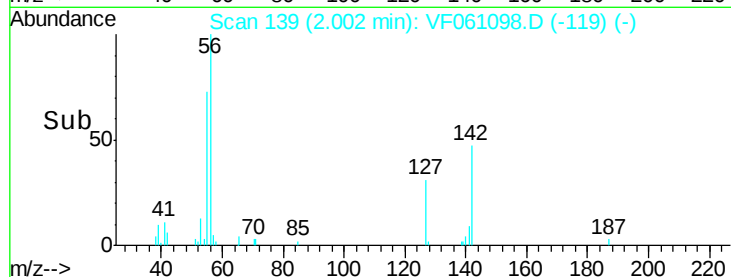
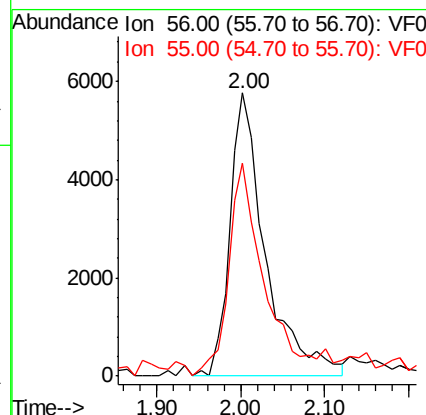
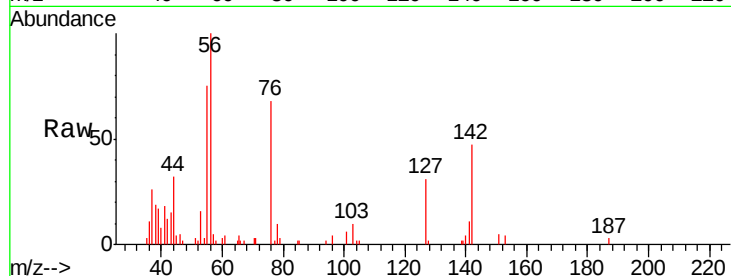
#13  
Acrolein  
Concen: 215.252 ug/l  
RT: 2.00 min Scan# 139  
Delta R.T. 0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 56 Resp: 16894  
Ion Ratio Lower Upper  
56 100  
55 75.5 70.2 105.2

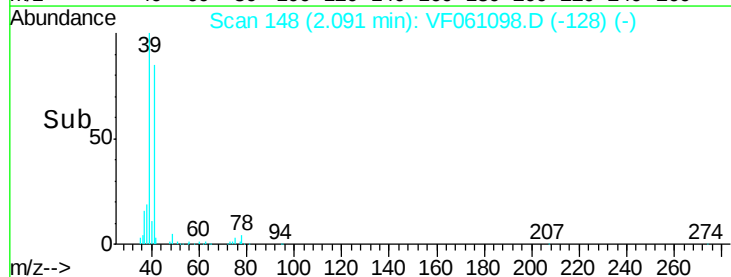
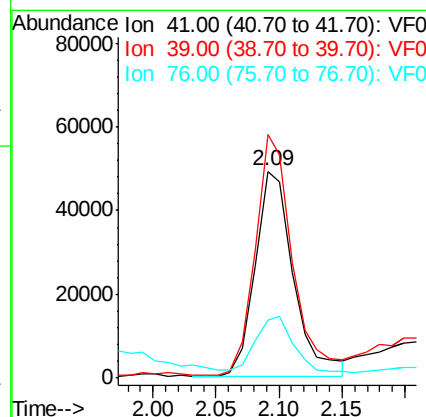
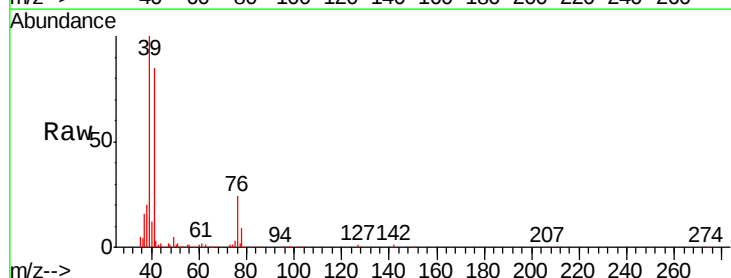
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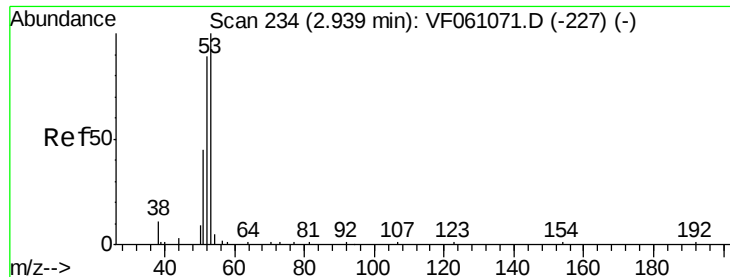
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#14  
Allyl chloride  
Concen: 54.388 ug/l  
RT: 2.09 min Scan# 148  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion: 41 Resp: 104410  
Ion Ratio Lower Upper  
41 100  
39 117.8 96.4 144.6  
76 28.4 25.4 38.0





#15

Acrylonitrile

Concen: 254.454 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

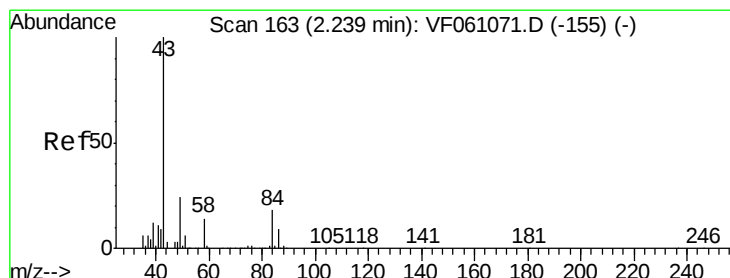
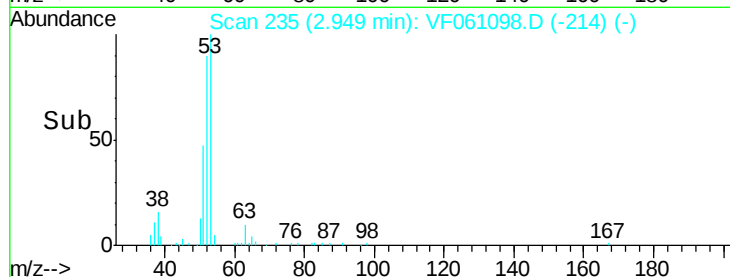
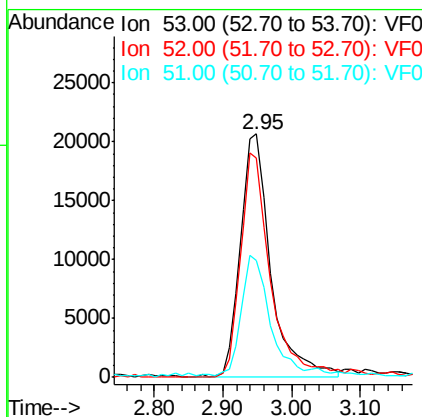
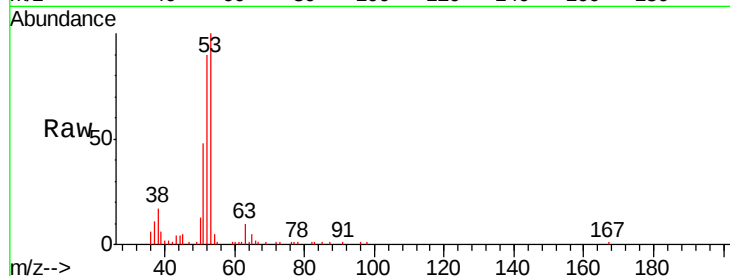
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 63909 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 89.9  | 71.3  | 106.9 |
| 51       | 48.0  | 36.8  | 55.2  |

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#16

Acetone

Concen: 207.619 ug/l

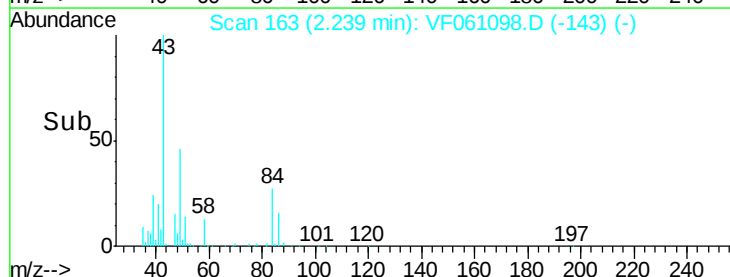
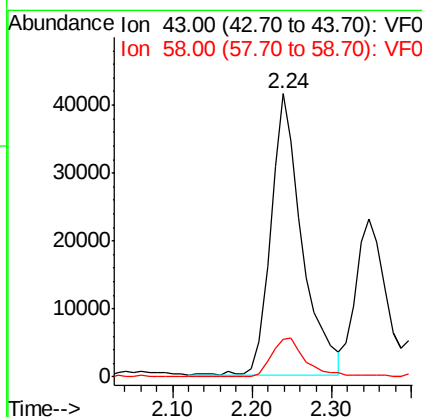
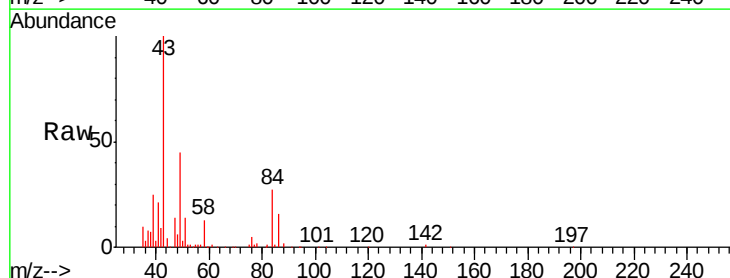
RT: 2.24 min Scan# 163

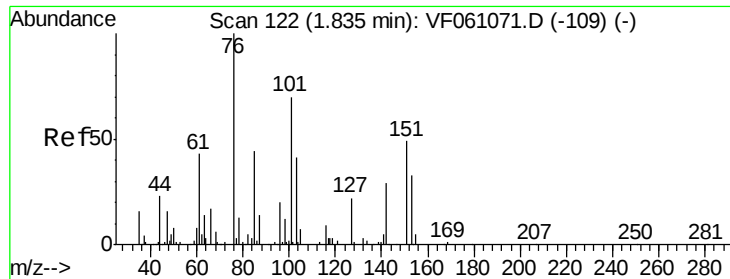
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 111714 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 13.4  | 11.1  | 16.7   |





#17

Carbon Disulfide

Concen: 48.569 ug/l m

RT: 1.84 min Scan# 123

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Tgt Ion: 76 Resp: 270758

Ion Ratio Lower Upper

76 100

78 11.5 10.2 15.4

Instrument :

MSVOA\_F

ClientSampleId :

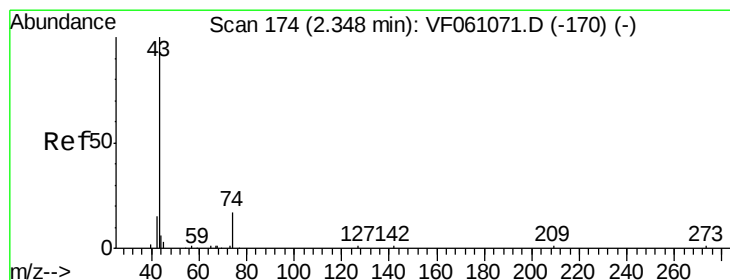
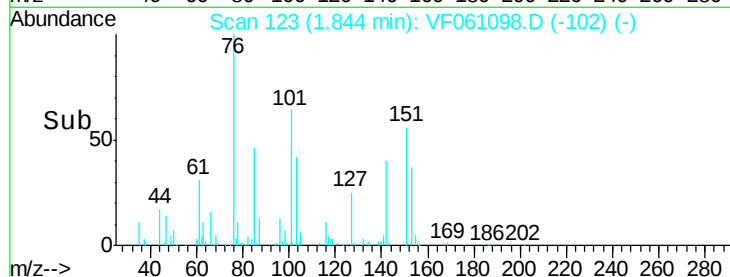
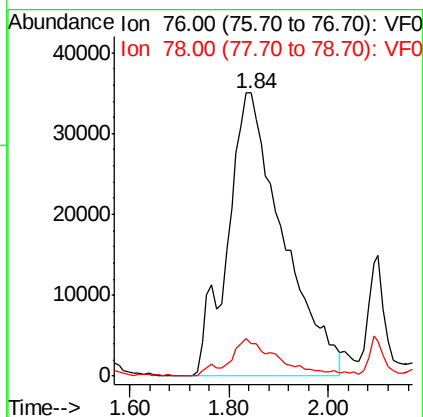
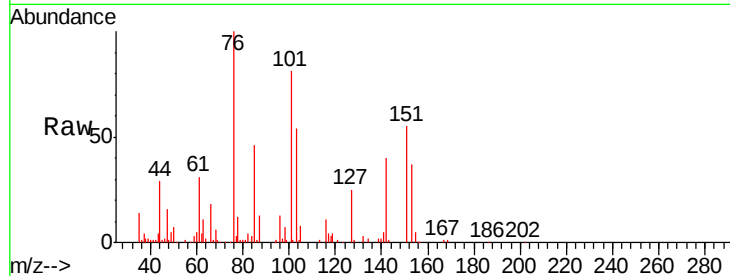
VSTDCCC050EC

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#18

Methyl Acetate

Concen: 54.103 ug/l m

RT: 2.35 min Scan# 174

Delta R.T. -0.00 min

Lab File: VF061098.D

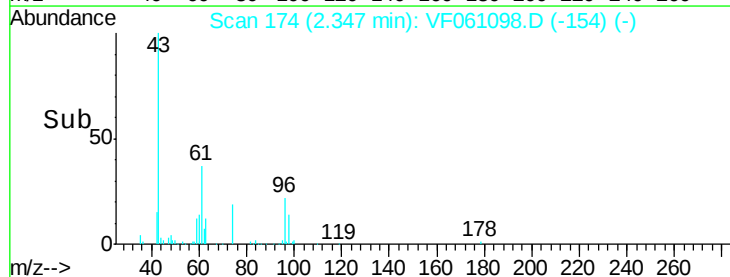
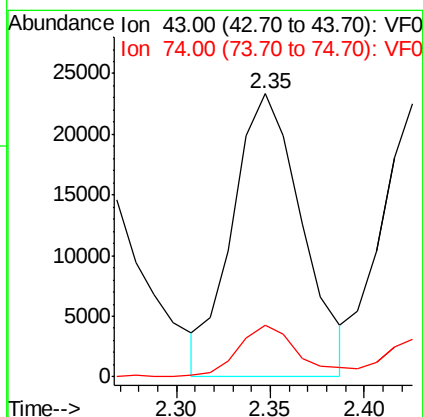
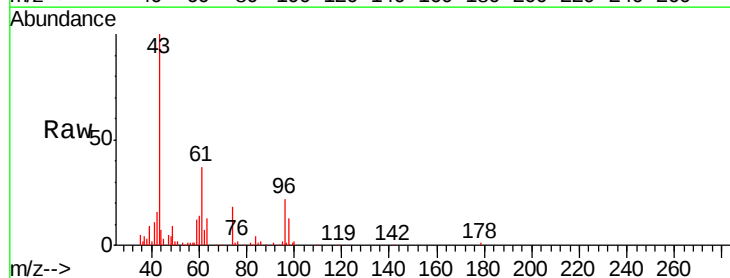
Acq: 19 Dec 2018 21:29

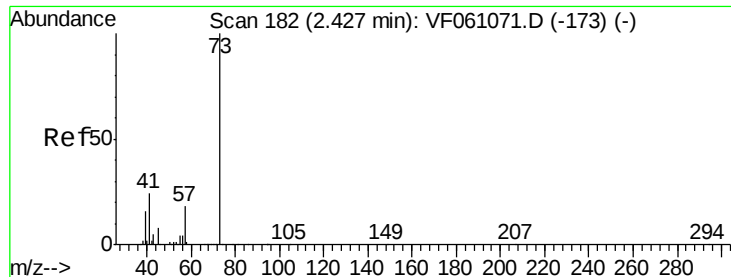
Tgt Ion: 43 Resp: 60229

Ion Ratio Lower Upper

43 100

74 18.5 11.0 16.6#





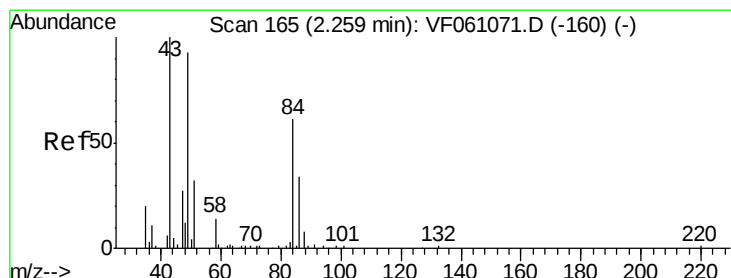
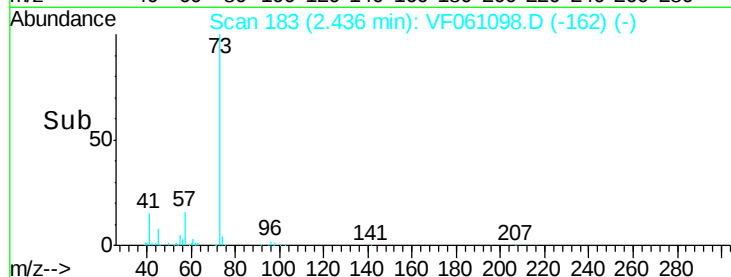
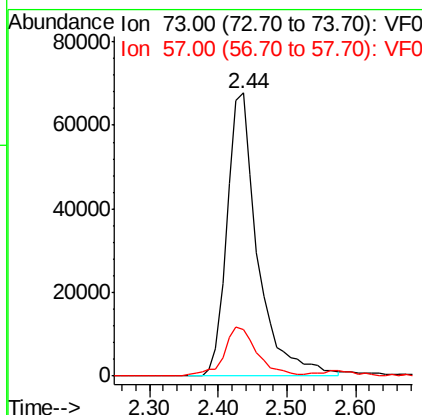
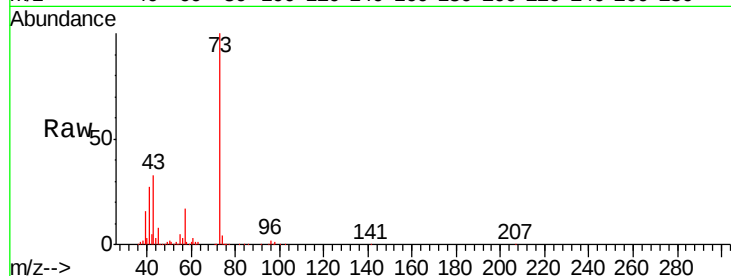
#19  
Methyl tert-butyl Ether  
Concen: 51.156 ug/l  
RT: 2.44 min Scan# 183  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 209464  
Ion Ratio Lower Upper  
73 100  
57 16.5 14.5 21.7

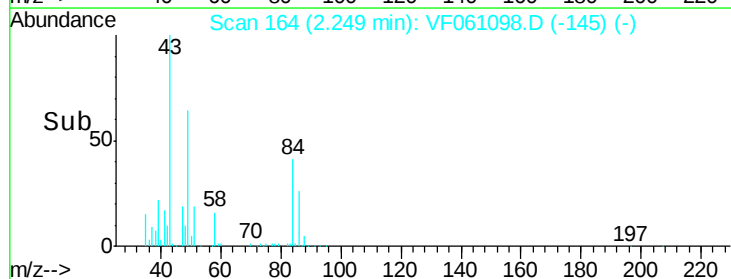
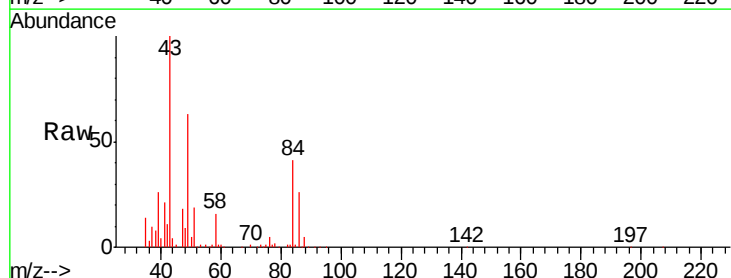
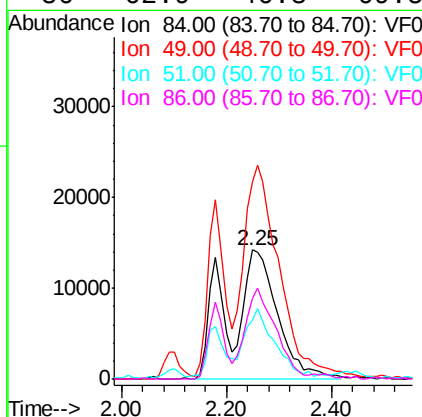
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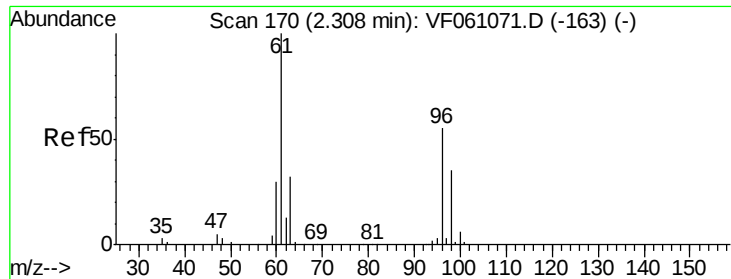
apatel  
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#20  
Methylene Chloride  
Concen: 53.342 ug/l m  
RT: 2.25 min Scan# 164  
Delta R.T. -0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion: 84 Resp: 91202  
Ion Ratio Lower Upper  
84 100  
49 152.6 129.4 194.2  
51 45.7 44.0 66.0  
86 62.9 46.3 69.5





#21

trans-1,2-Dichloroethene

Concen: 47.891 ug/l m

RT: 2.31 min Scan# 170

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

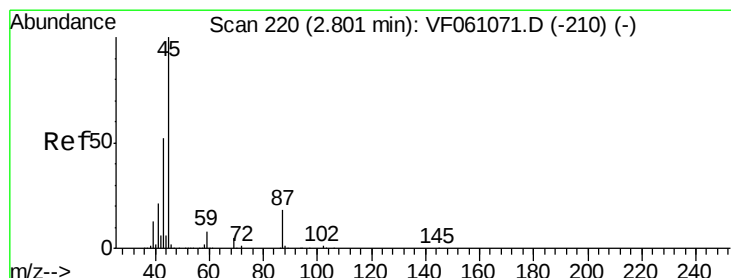
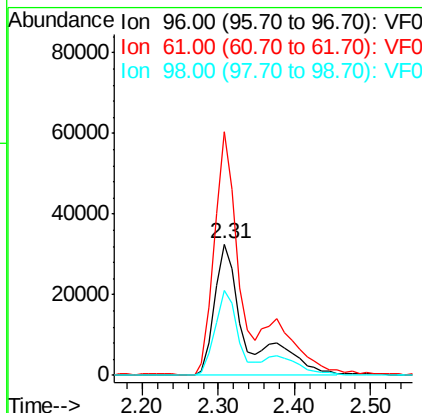
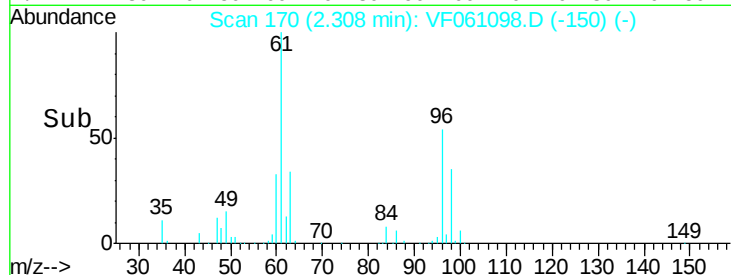
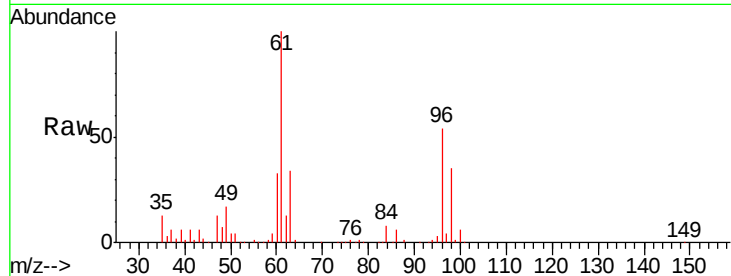
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 94489 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 185.8 | 146.0 | 219.0 |
| 98       | 64.3  | 51.6  | 77.4  |

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#22

Diisopropyl ether

Concen: 47.979 ug/l

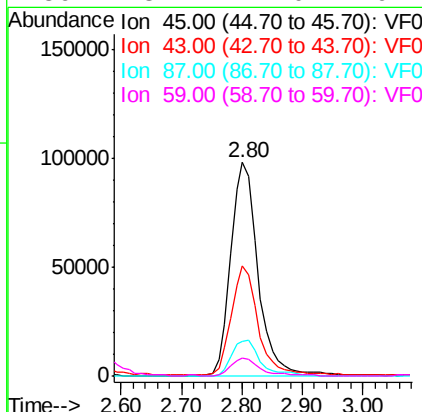
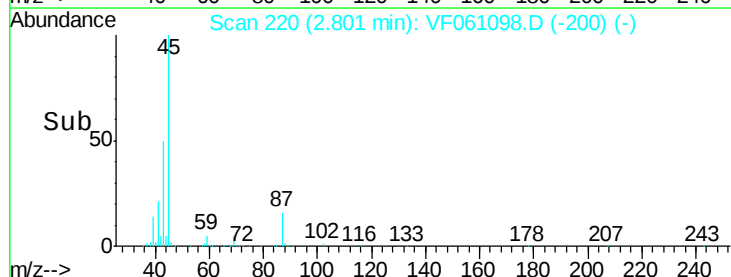
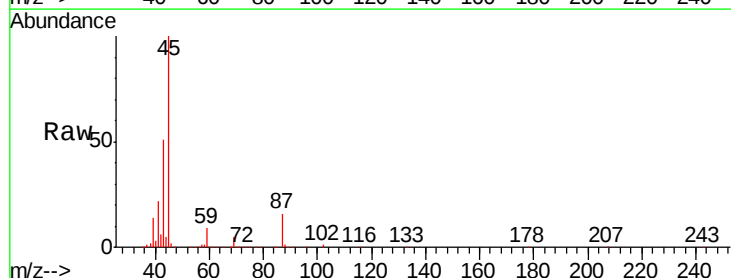
RT: 2.80 min Scan# 220

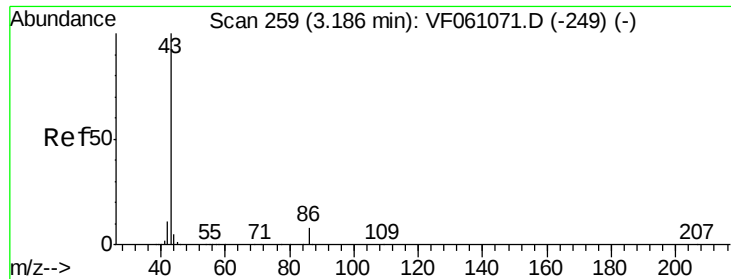
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 306809 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 51.4  | 42.2  | 63.2   |
| 87       | 16.2  | 14.6  | 22.0   |
| 59       | 8.7   | 7.0   | 10.4   |





#23

Vinyl Acetate

Concen: 245.644 ug/l

RT: 3.19 min Scan# 259

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 724643

Ion Ratio Lower Upper

43 100

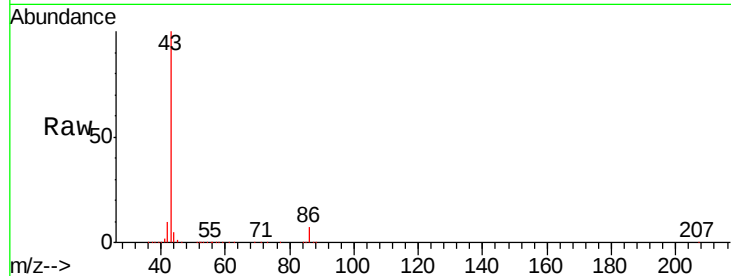
86 7.1 6.3 9.5

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

300000

250000

200000

150000

100000

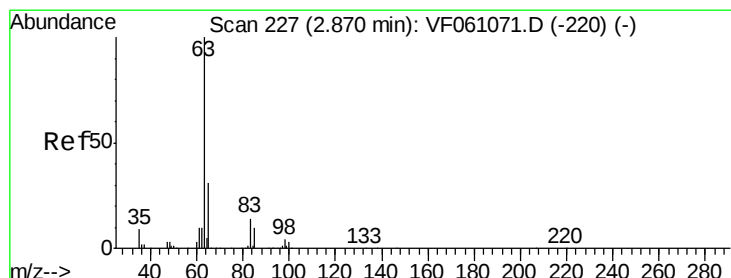
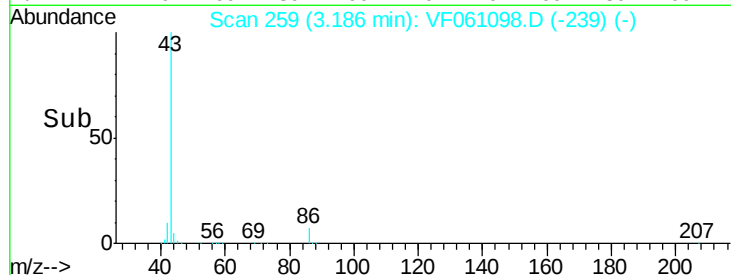
50000

0

Time-->

3.10 3.20 3.30 3.40

3.19



#24

1,1-Dichloroethane

Concen: 51.684 ug/l

RT: 2.87 min Scan# 227

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

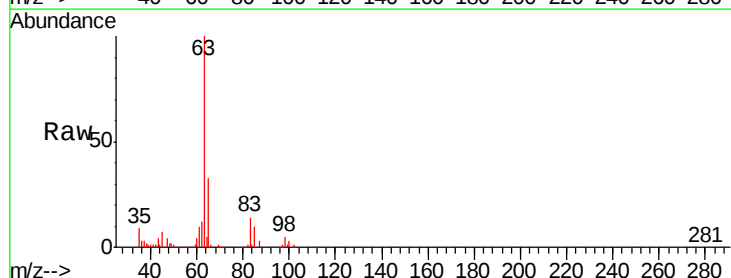
Tgt Ion: 63 Resp: 195819

Ion Ratio Lower Upper

63 100

98 5.3 2.1 6.5

100 3.0 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

100000

80000

60000

40000

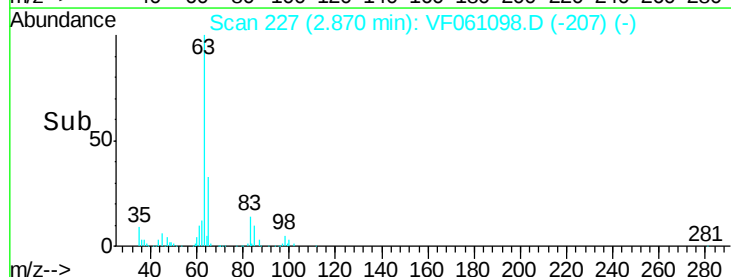
20000

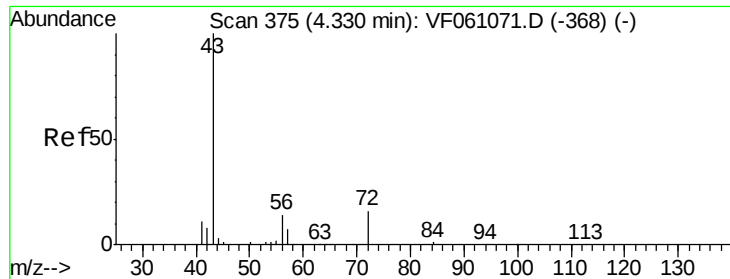
0

Time-->

2.70 2.80 2.90 3.00

2.87





#25

2-Butanone

Concen: 235.161 ug/l

RT: 4.34 min Scan# 376

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 205213

Ion Ratio Lower Upper

43 100

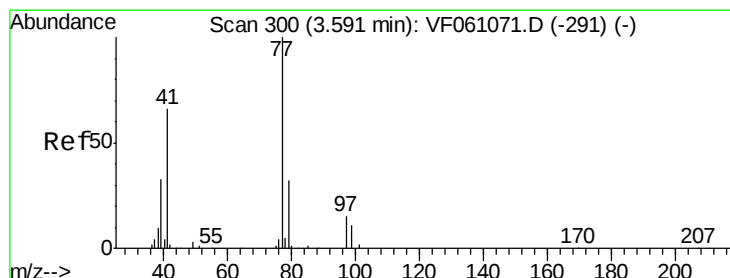
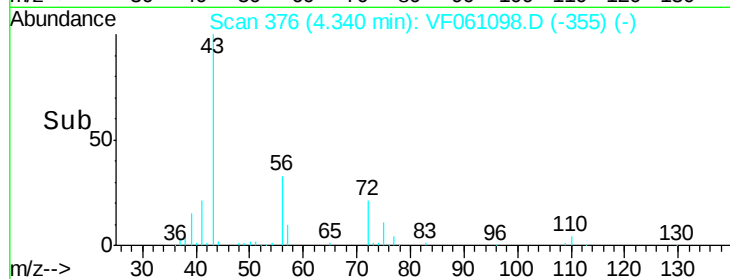
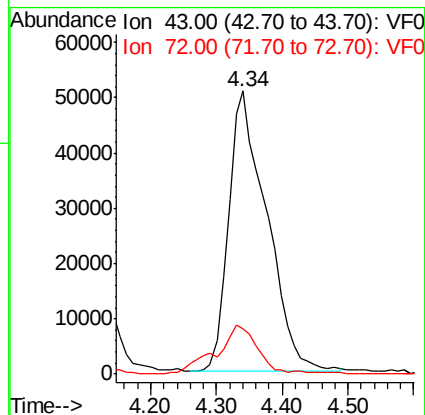
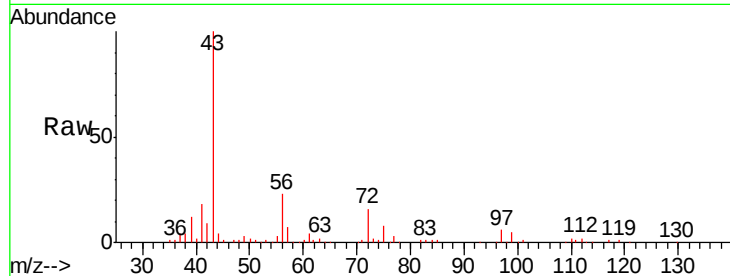
72 16.2 15.6 23.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.125 ug/l

RT: 3.60 min Scan# 301

Delta R.T. 0.01 min

Lab File: VF061098.D

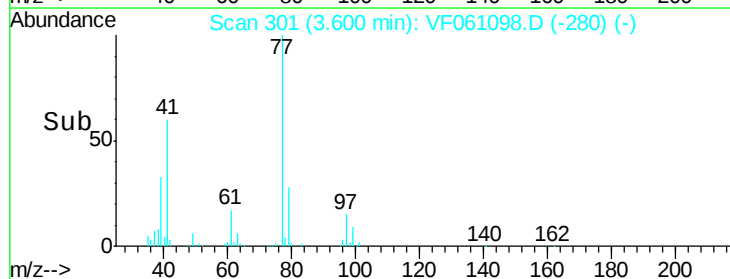
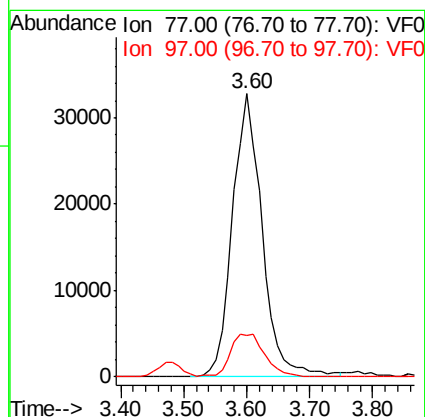
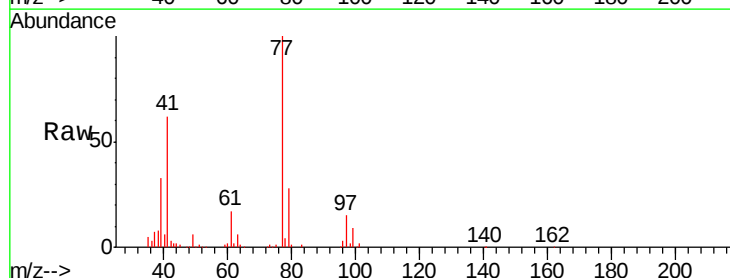
Acq: 19 Dec 2018 21:29

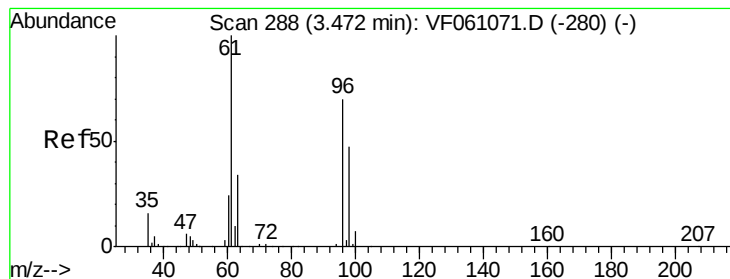
Tgt Ion: 77 Resp: 106813

Ion Ratio Lower Upper

77 100

97 14.7 8.2 24.4





#27

cis-1,2-Dichloroethene

Concen: 46.319 ug/l

RT: 3.47 min Scan# 288

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

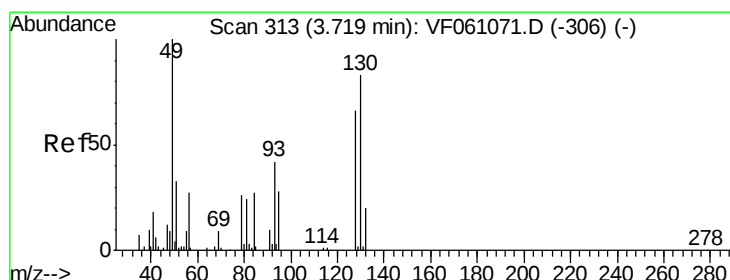
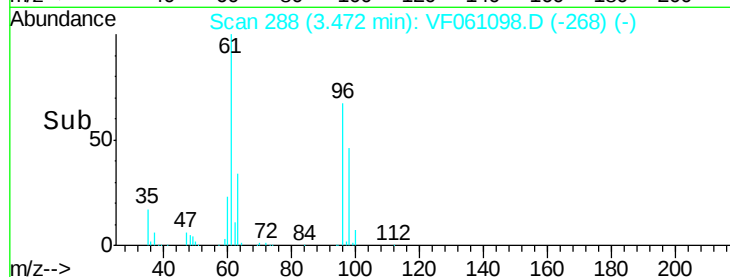
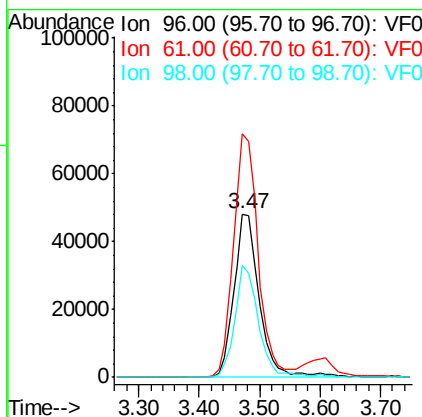
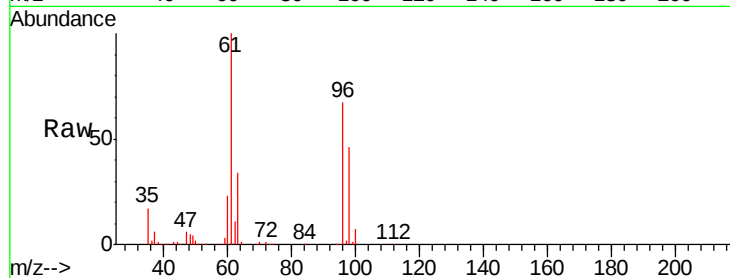
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 139907 |
| Ion Ratio |       | Lower | Upper  |
| 96        | 100   |       |        |
| 61        | 148.8 | 0.0   | 287.8  |
| 98        | 68.2  | 0.0   | 134.2  |

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#28

Bromochloromethane

Concen: 46.323 ug/l

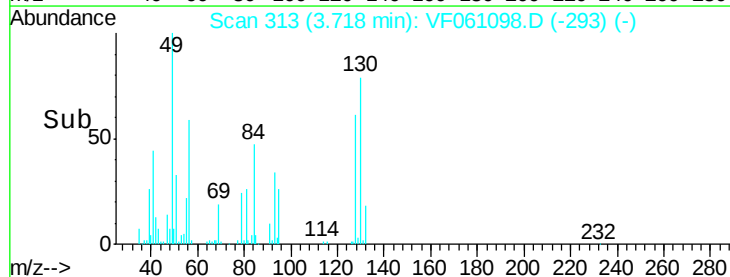
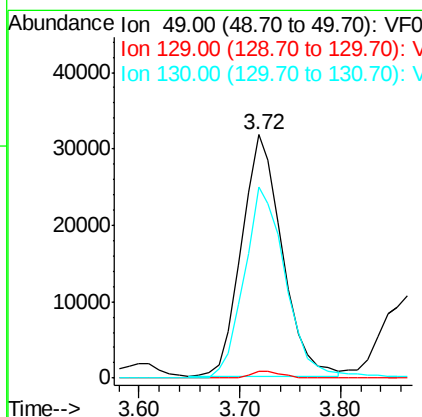
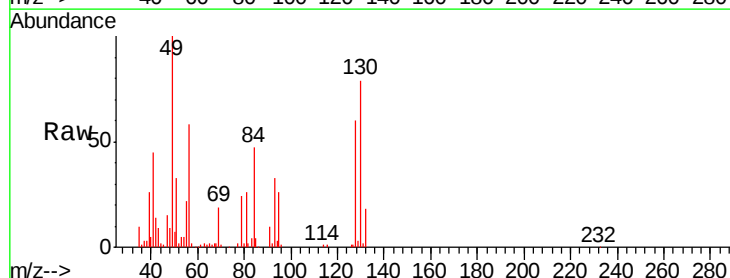
RT: 3.72 min Scan# 313

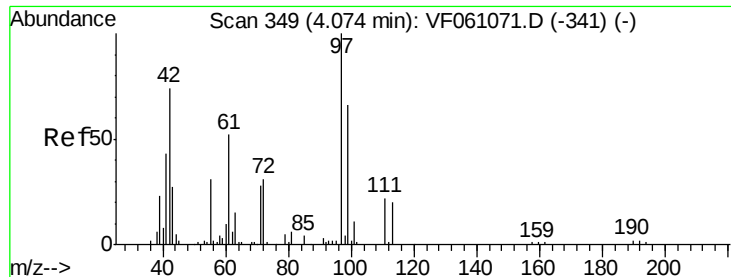
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 49   | Resp: | 89052 |
| Ion Ratio |      | Lower | Upper |
| 49        | 100  |       |       |
| 129       | 2.9  | 0.0   | 3.6   |
| 130       | 78.6 | 65.8  | 98.6  |





#29

Tetrahydrofuran

Concen: 258.316 ug/l

RT: 4.08 min Scan# 350

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

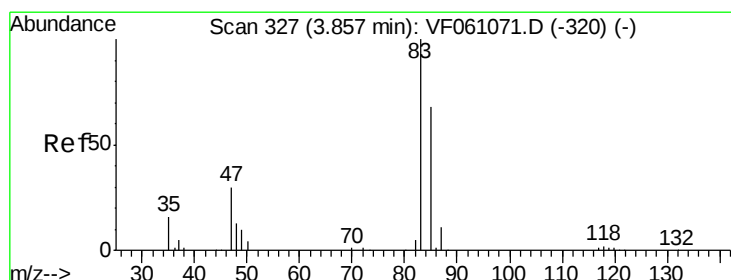
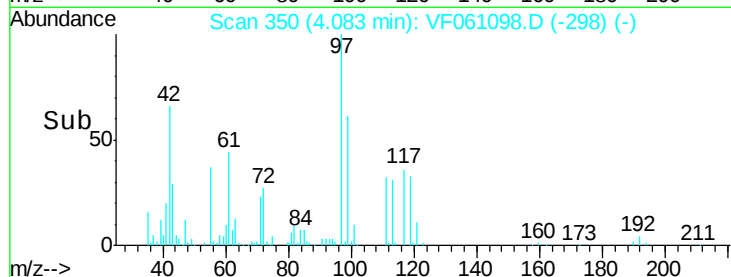
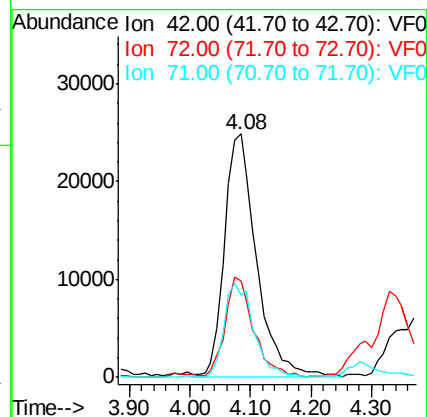
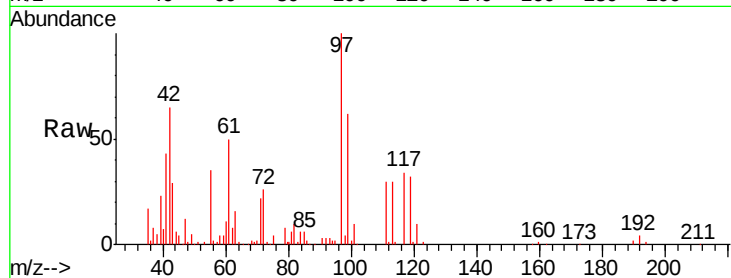
ClientSampleId :

VSTDCCC050EC

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 42   | Resp: | 91748 |
| Ion Ratio |      | Lower | Upper |
| 42        | 100  |       |       |
| 72        | 36.6 | 31.8  | 47.8  |
| 71        | 35.9 | 29.7  | 44.5  |

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#30

Chloroform

Concen: 50.291 ug/l

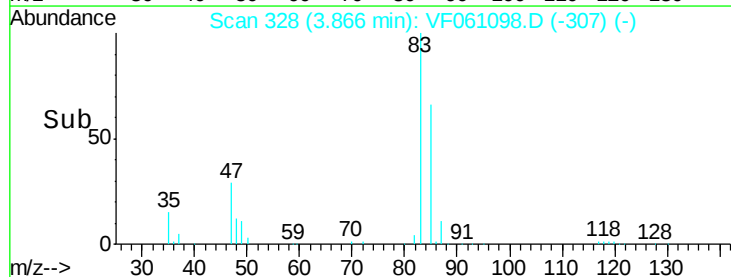
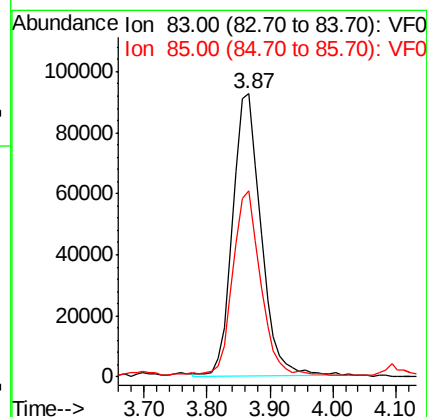
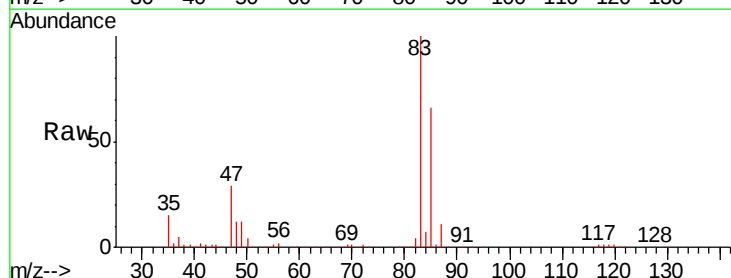
RT: 3.87 min Scan# 328

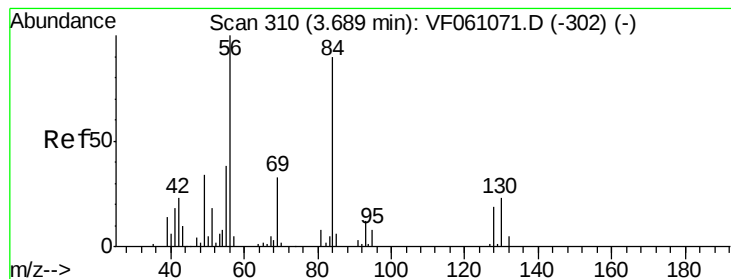
Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 285702 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 65.9 | 54.5  | 81.7   |





#31

Cyclohexane

Concen: 48.792 ug/l m

RT: 3.70 min Scan# 311

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 191826  
Ion Ratio Lower Upper

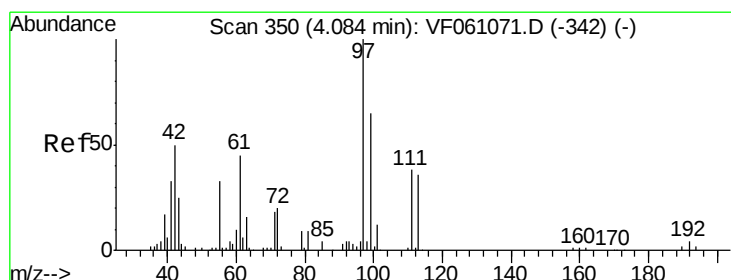
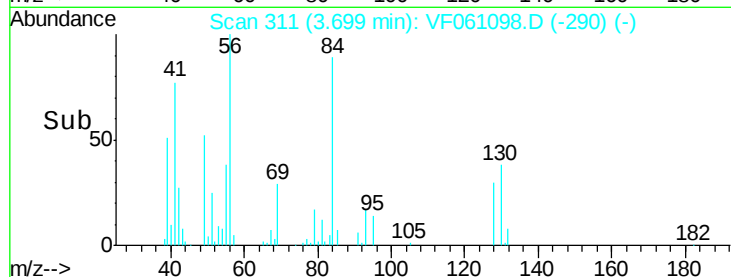
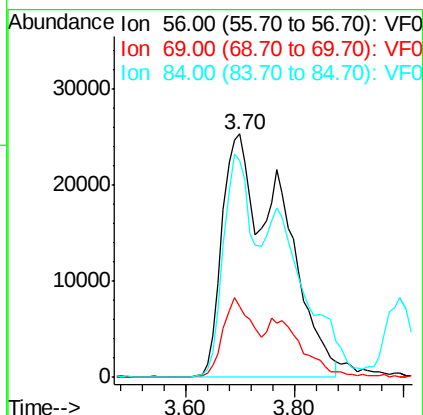
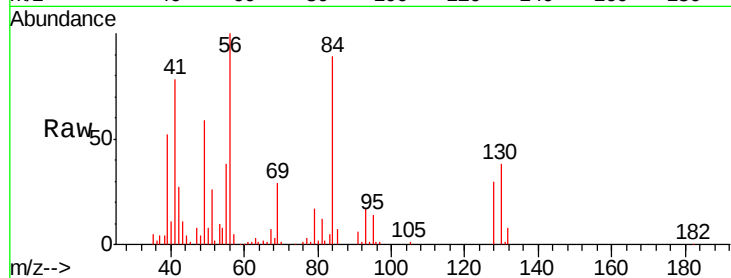
56 100

69 29.1 26.0 39.0

84 89.3 71.4 107.2

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#32

1,1,1-Trichloroethane

Concen: 49.066 ug/l

RT: 4.09 min Scan# 351

Delta R.T. 0.01 min

Lab File: VF061098.D

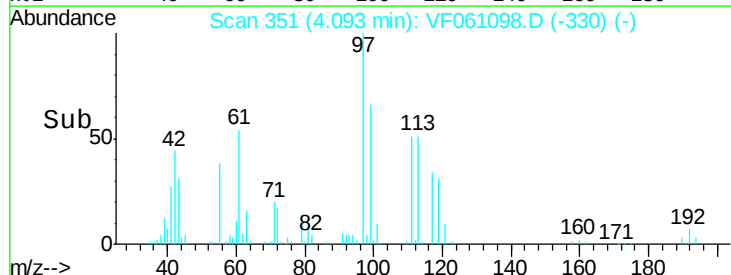
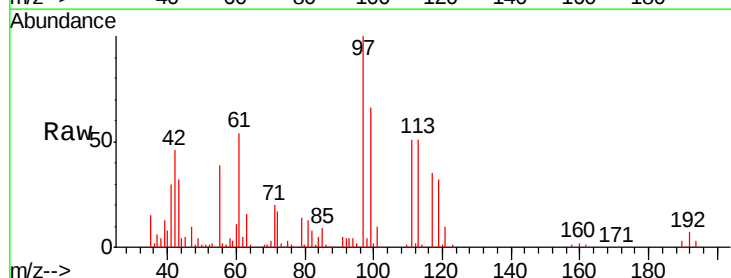
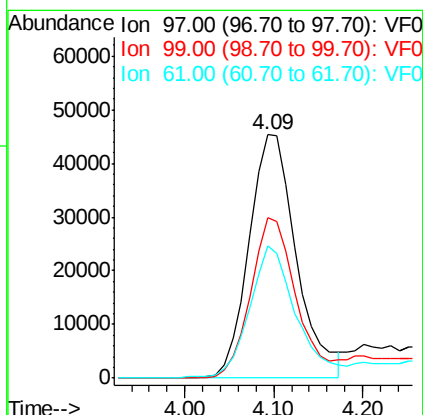
Acq: 19 Dec 2018 21:29

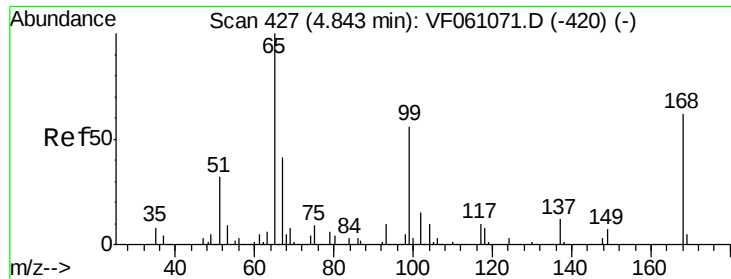
Tgt Ion: 97 Resp: 167075  
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

61 54.1 36.2 54.2





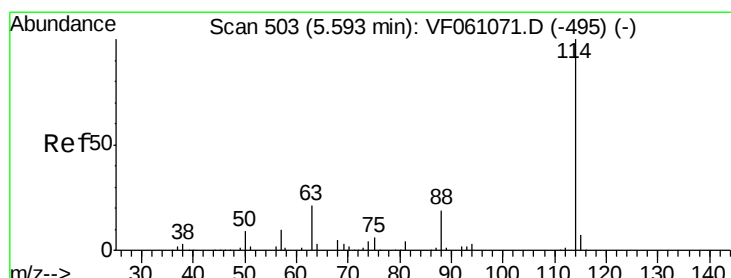
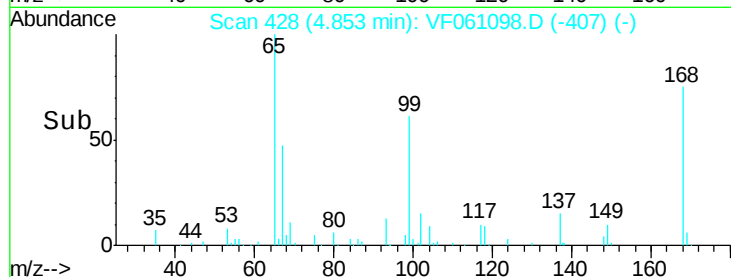
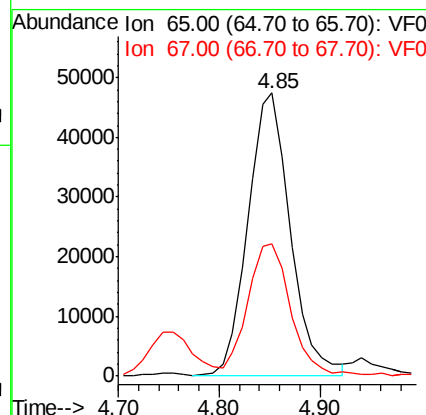
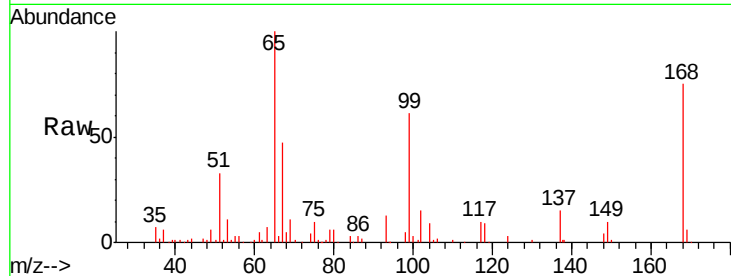
#33  
 1,2-Dichloroethane-d4  
 Concen: 51.366 ug/l  
 RT: 4.85 min Scan# 428  
 Delta R.T. 0.01 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 65 Resp: 138255  
 Ion Ratio Lower Upper  
 65 100  
 67 46.8 0.0 94.6

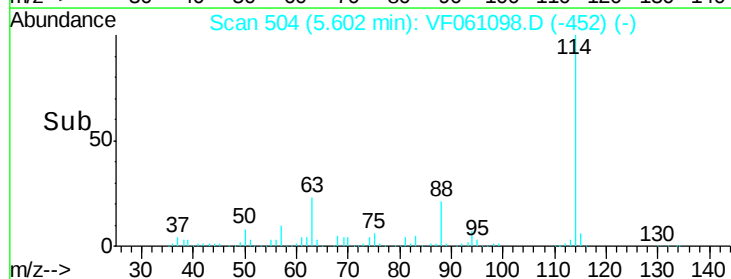
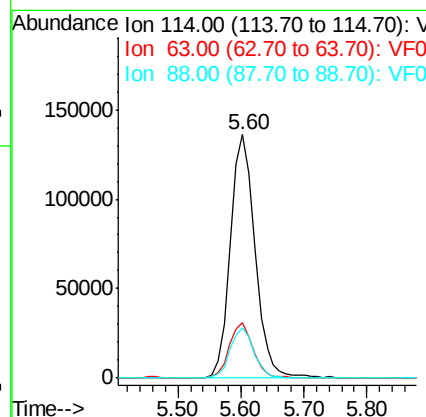
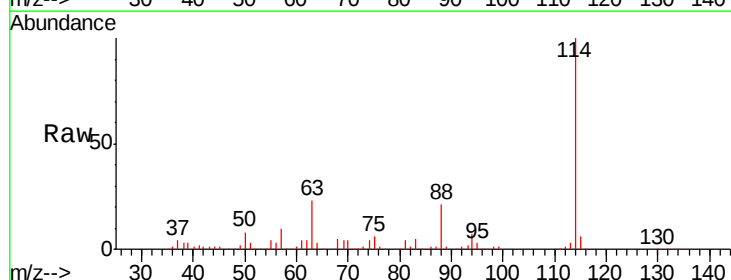
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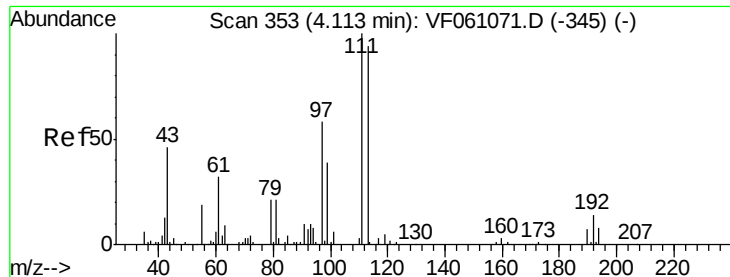
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.60 min Scan# 504  
 Delta R.T. 0.01 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Tgt Ion: 114 Resp: 369750  
 Ion Ratio Lower Upper  
 114 100  
 63 22.5 0.0 41.6  
 88 20.8 0.0 38.0





#35

Dibromofluoromethane

Concen: 47.404 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

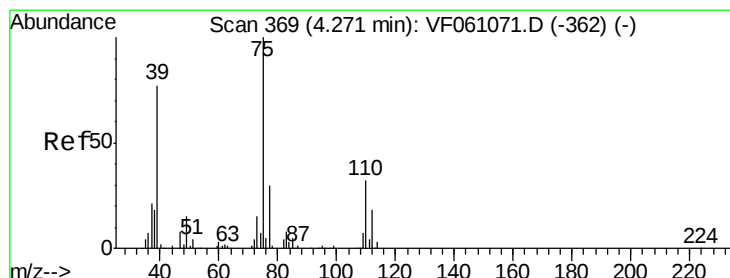
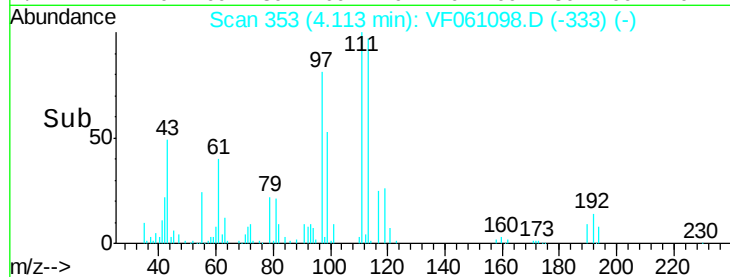
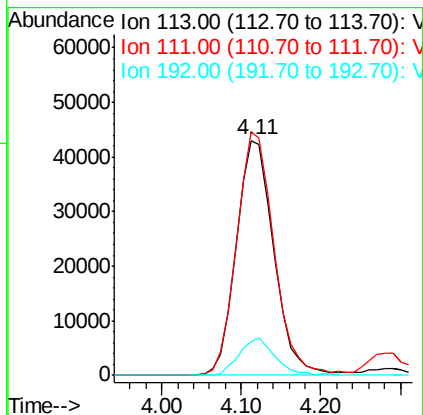
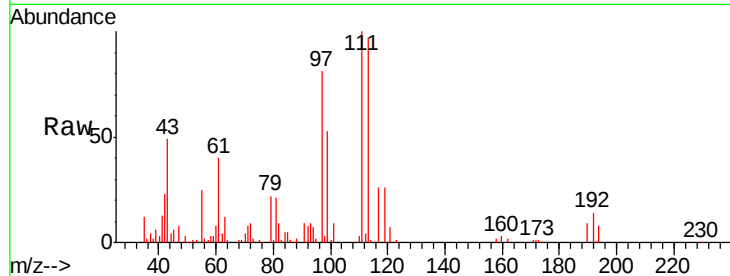
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 140407 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 103.5 | 85.2  | 127.8  |
| 192       | 14.3  | 12.8  | 19.2   |

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#36

1,1-Dichloropropene

Concen: 50.126 ug/l

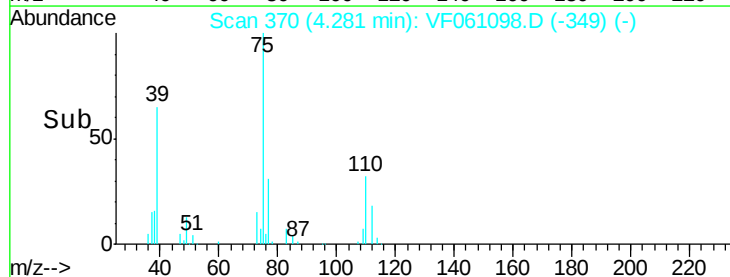
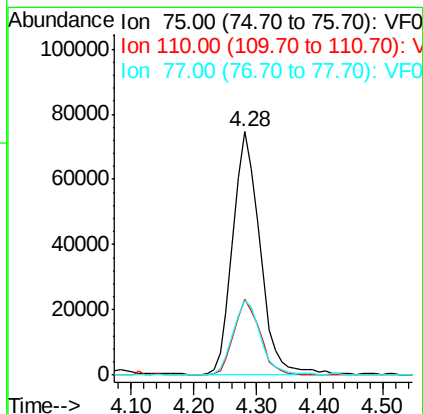
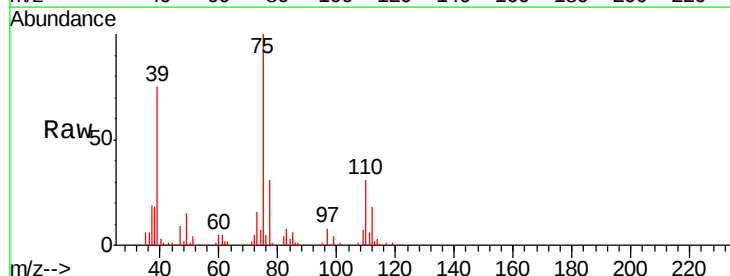
RT: 4.28 min Scan# 370

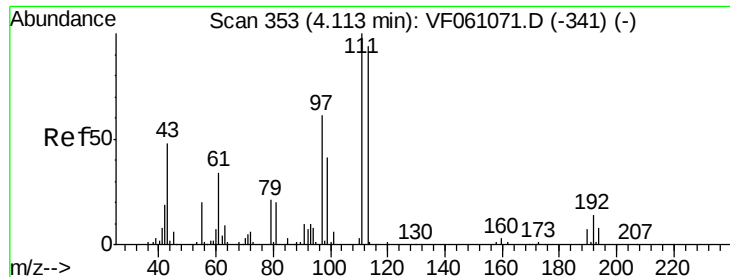
Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 223719 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 31.3  | 16.1  | 48.2   |
| 77        | 30.8  | 24.5  | 36.7   |





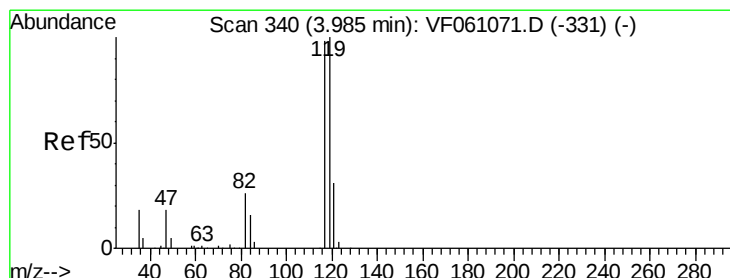
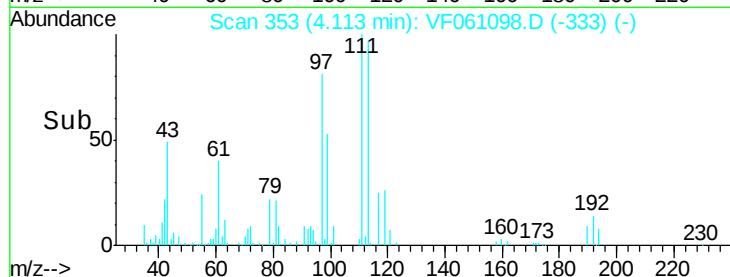
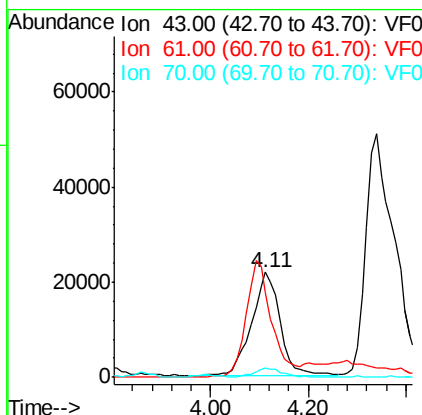
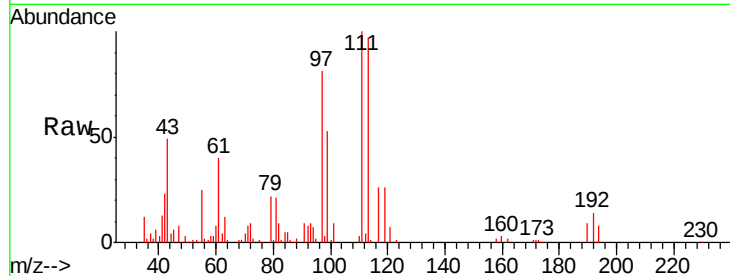
#37  
Ethyl Acetate  
Concen: 51.901 ug/l  
RT: 4.11 min Scan# 353  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 81.1  | 56.6  | 84.8  |
| 70      | 8.5   | 6.3   | 9.5   |

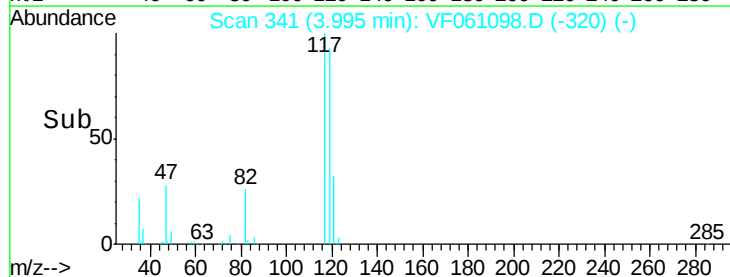
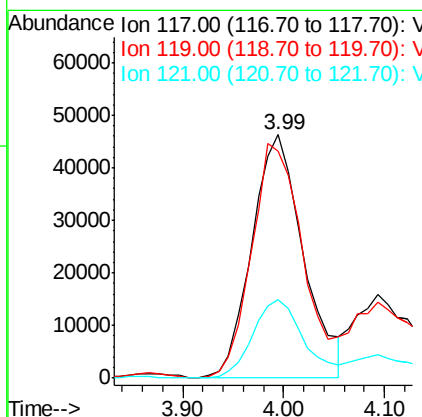
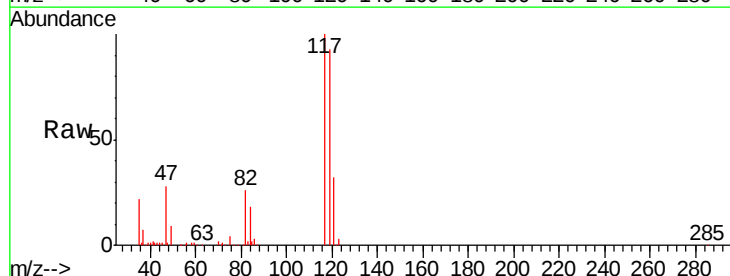
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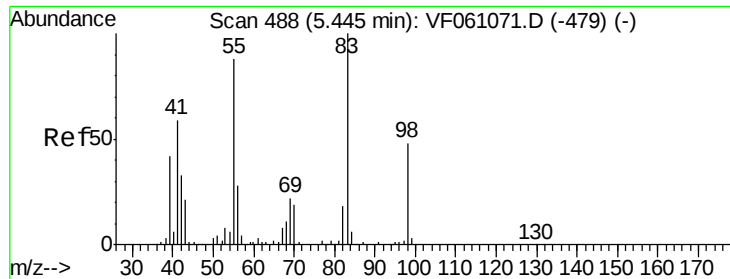
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#38  
Carbon Tetrachloride  
Concen: 48.492 ug/l  
RT: 3.99 min Scan# 341  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 82.1  | 123.1 |
| 121     | 32.2  | 25.5  | 38.3  |





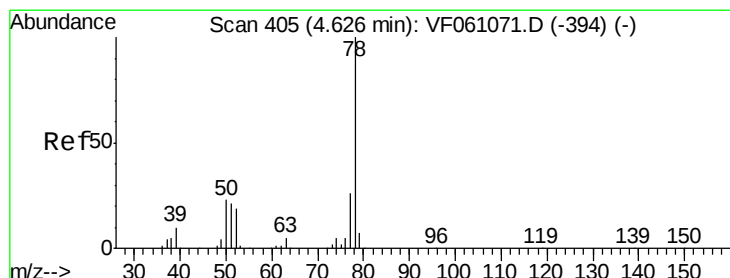
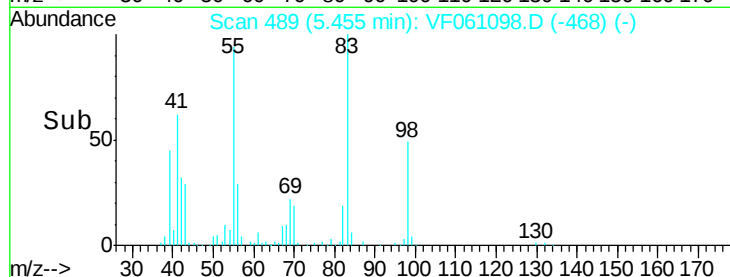
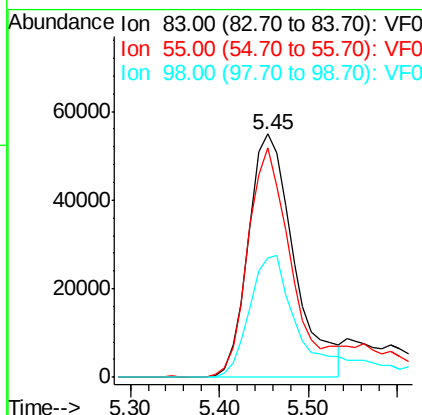
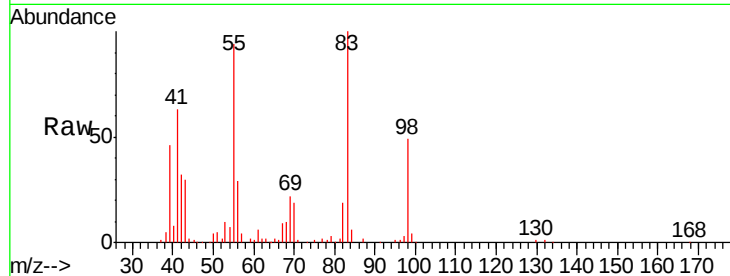
#39  
Methylcyclohexane  
Concen: 48.942 ug/l  
RT: 5.45 min Scan# 489  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 195966 |       |       |
| 55      | 94.3  | 70.6   | 105.8 |       |
| 98      | 49.0  | 38.5   | 57.7  |       |

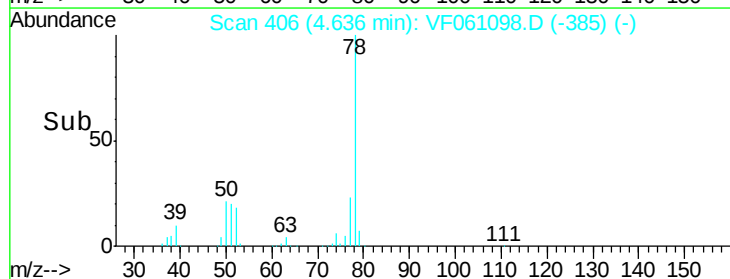
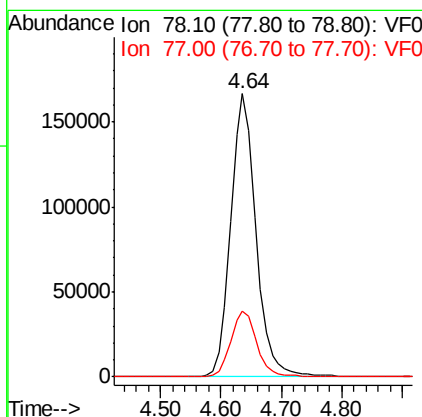
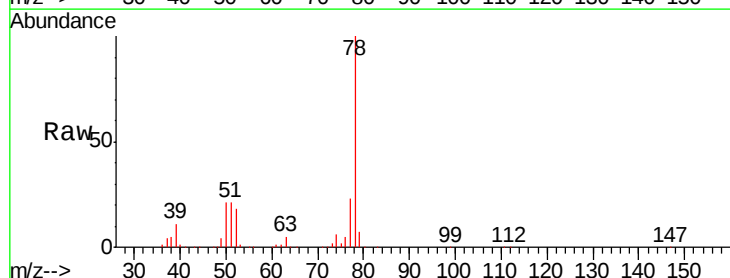
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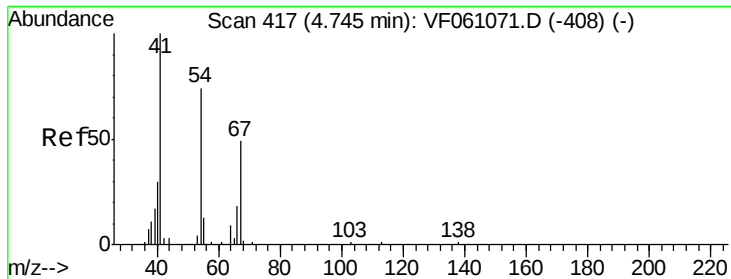
apatel  
12/20/2018 10:29:58 AM



#40  
Benzene  
Concen: 50.288 ug/l  
RT: 4.64 min Scan# 406  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 482663 |       |       |
| 77      | 23.3  | 20.7   | 31.1  |       |





#41

Methacrylonitrile

Concen: 50.472 ug/l

RT: 4.75 min Scan# 418

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

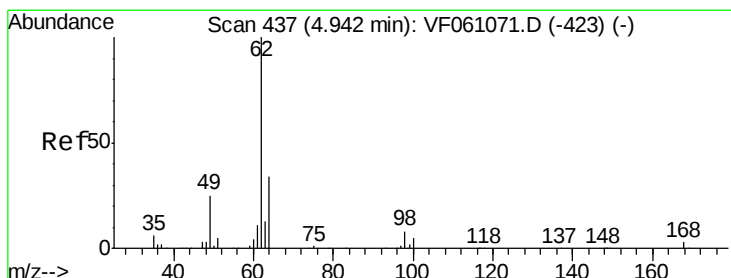
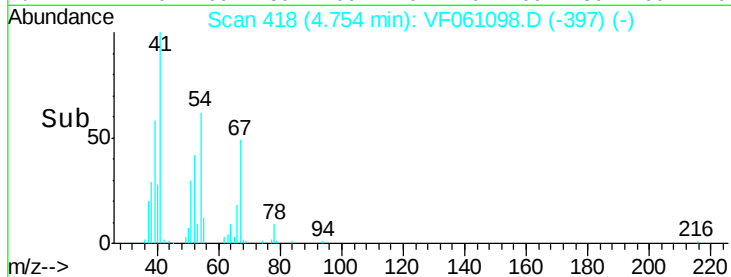
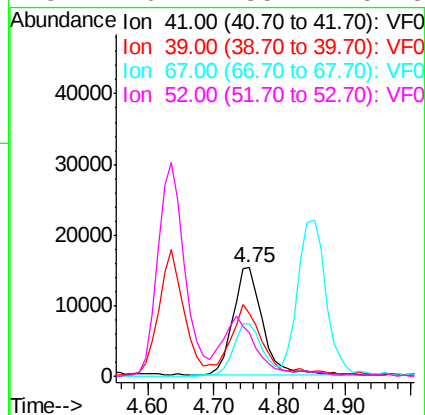
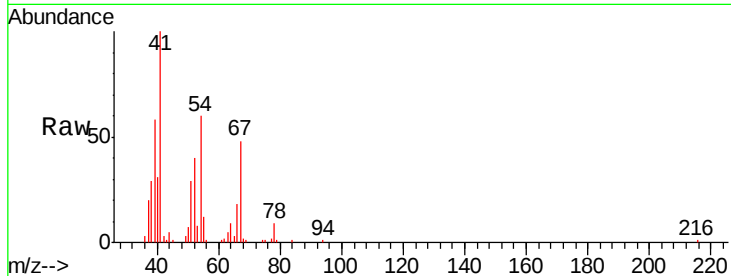
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 47573 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.0  | 45.7  | 68.5  |
| 67       | 47.8  | 38.9  | 58.3  |
| 52       | 40.4  | 35.2  | 52.8  |

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#42

1,2-Dichloroethane

Concen: 50.424 ug/l

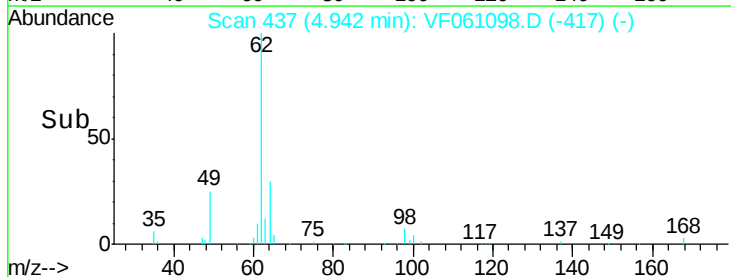
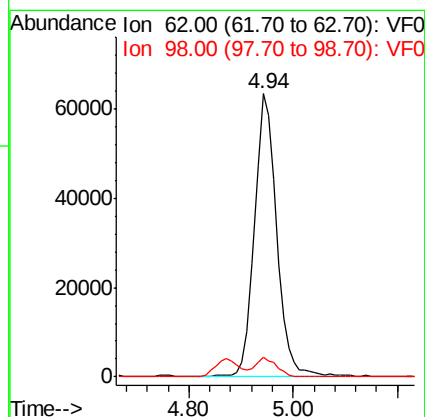
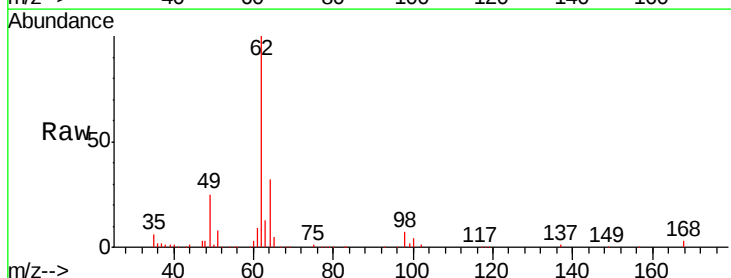
RT: 4.94 min Scan# 437

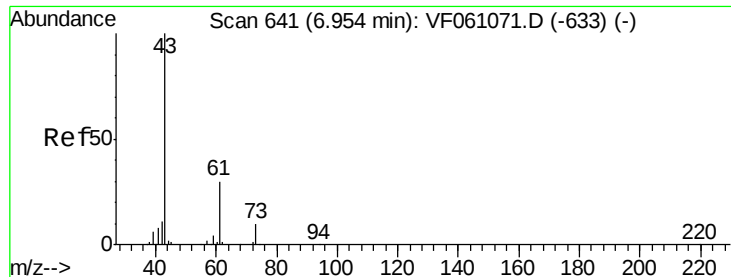
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 183852 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 7.0   | 0.0   | 16.6   |





#43

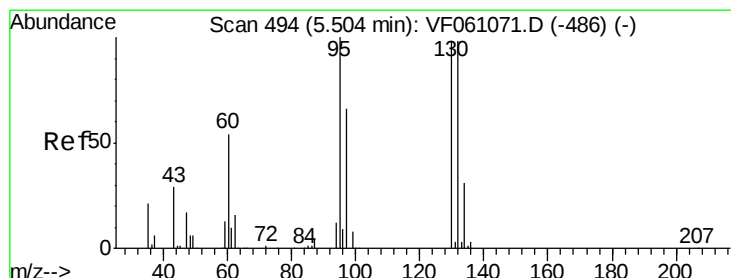
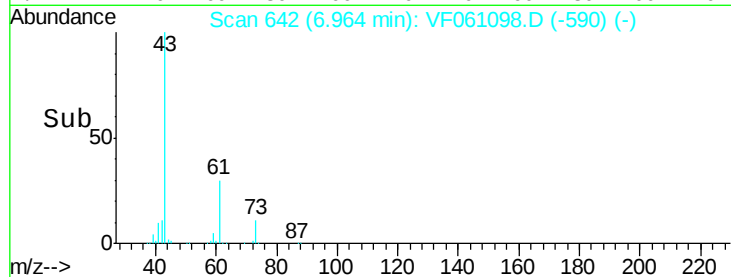
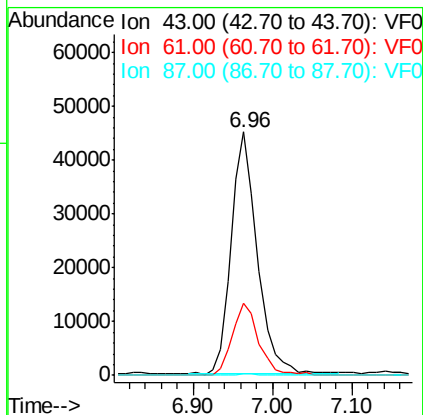
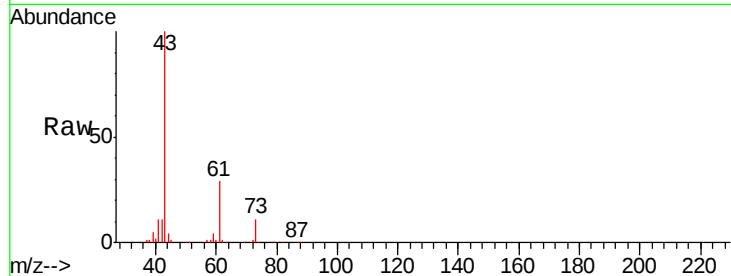
Isopropyl Acetate  
 Concen: 47.650 ug/l  
 RT: 6.96 min Scan# 642  
 Delta R.T. 0.01 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.4  | 23.8  | 35.8  |
| 87      | 0.5   | 0.0   | 0.0#  |

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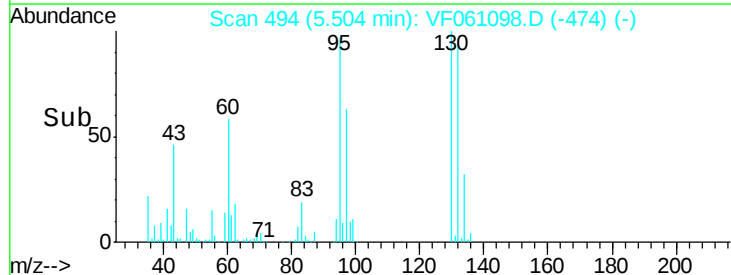
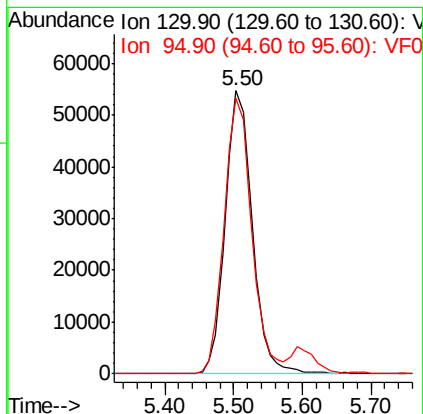
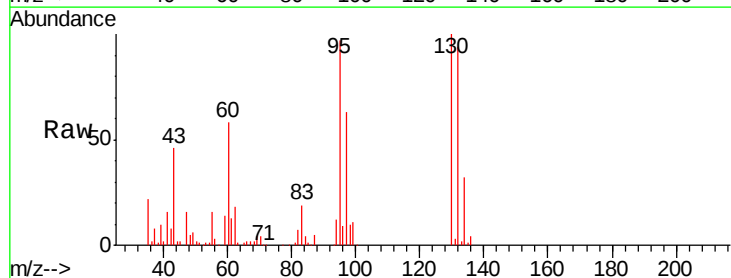
apatel  
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#44

Trichloroethene  
 Concen: 49.539 ug/l  
 RT: 5.50 min Scan# 494  
 Delta R.T. -0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.4  | 0.0   | 205.2 |





#45

1,2-Dichloropropane

Concen: 47.033 ug/l

RT: 6.23 min Scan# 568

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 122818

Ion Ratio Lower Upper

63 100

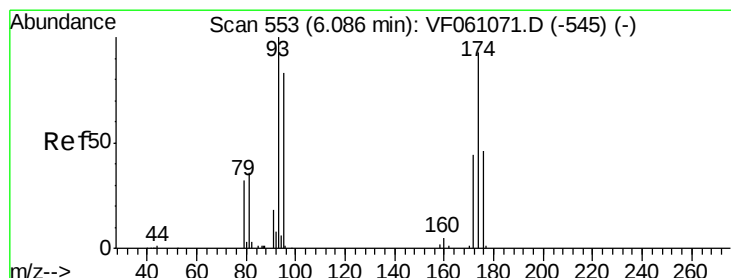
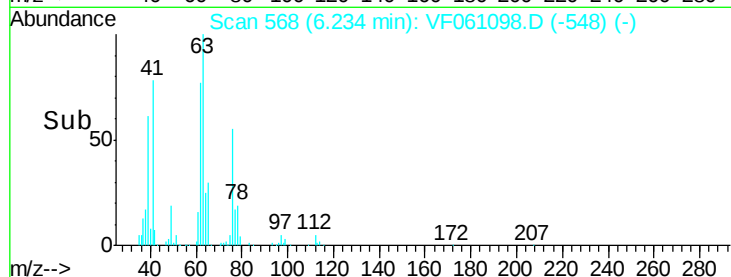
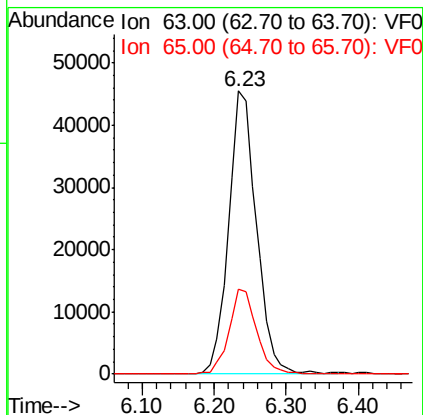
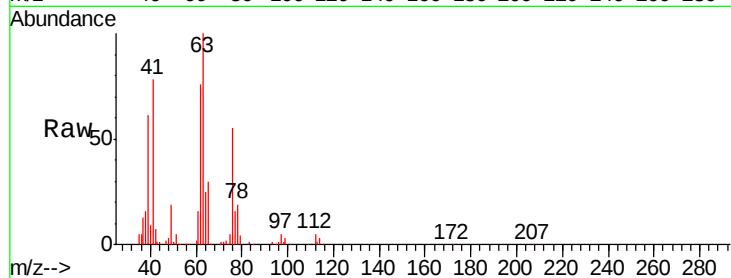
65 30.2 24.4 36.6

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#46

Dibromomethane

Concen: 49.037 ug/l

RT: 6.09 min Scan# 553

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

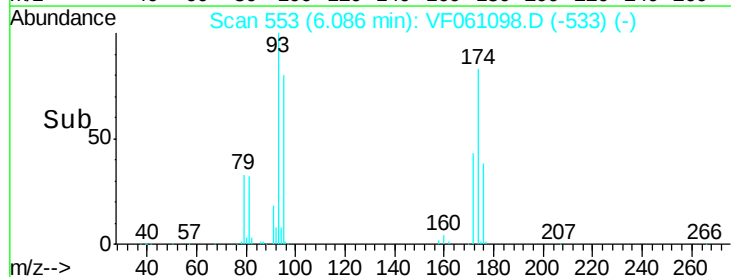
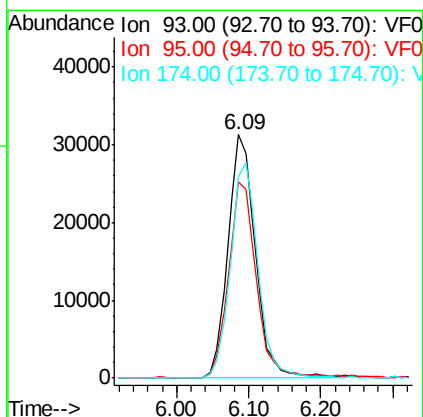
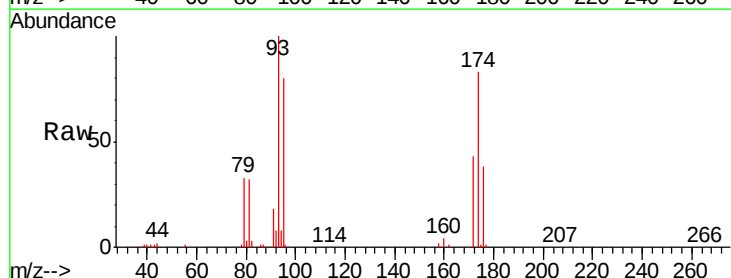
Tgt Ion: 93 Resp: 83052

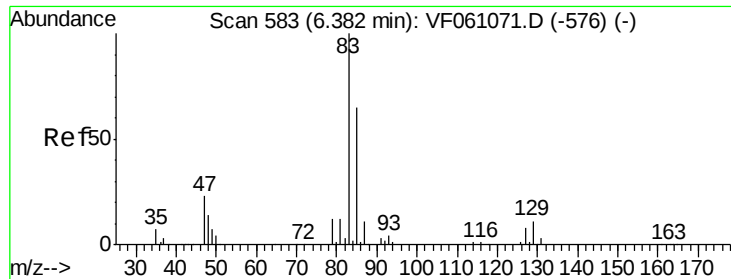
Ion Ratio Lower Upper

93 100

95 80.5 66.9 100.3

174 82.7 74.1 111.1





#47

Bromodichloromethane

Concen: 48.216 ug/l

RT: 6.39 min Scan# 584

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

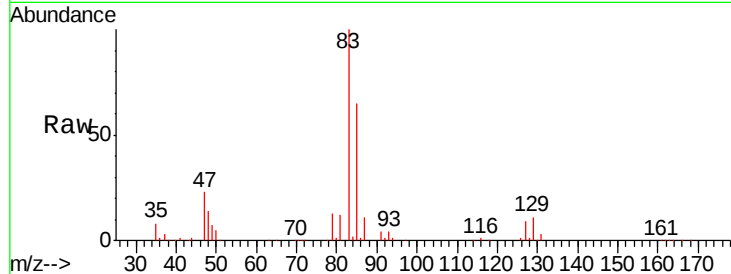
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 212178 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 65.5  | 52.2  | 78.4   |
| 127       | 9.1   | 6.1   | 9.1    |

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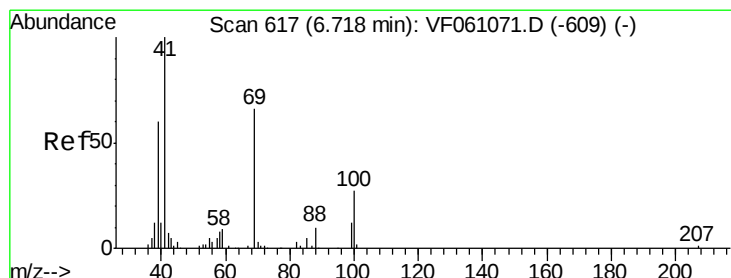
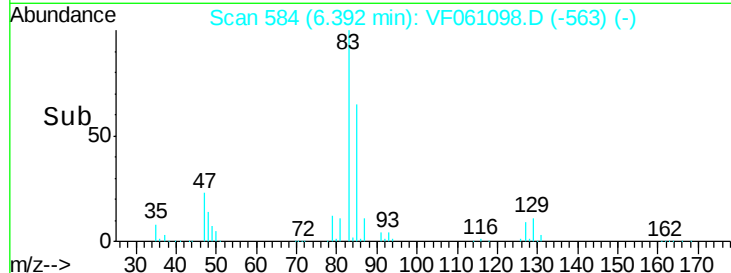
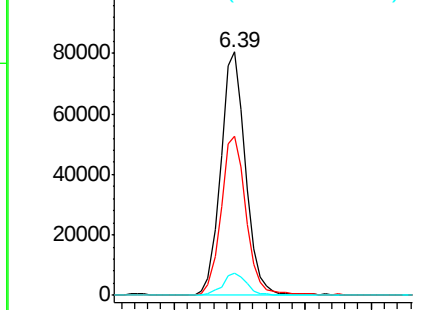
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Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 48.624 ug/l

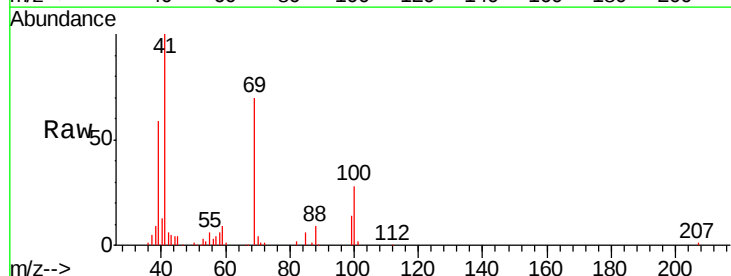
RT: 6.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

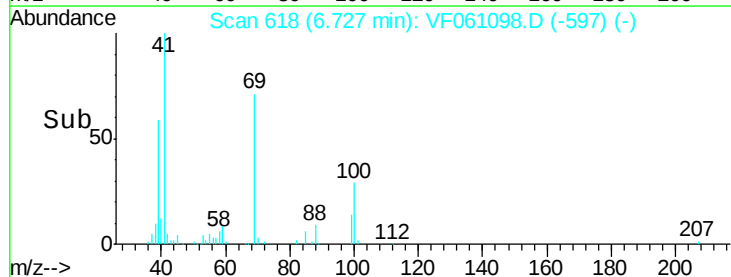
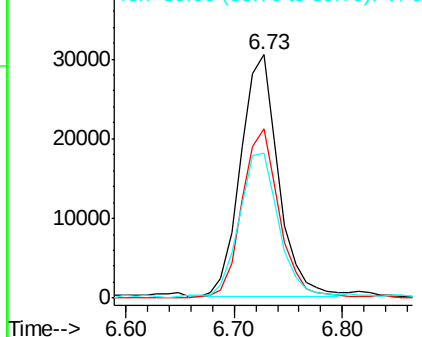
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 73152 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 69.8  | 52.7  | 79.1  |
| 39        | 59.4  | 47.8  | 71.6  |

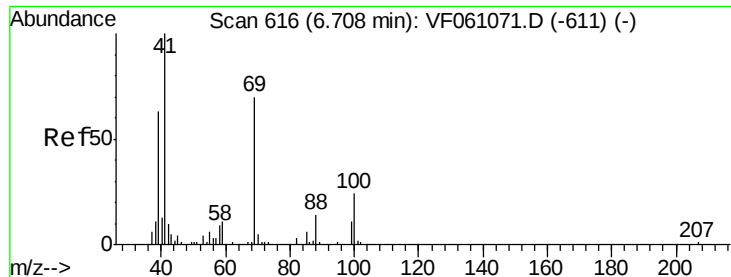


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 976.258 ug/l

RT: 6.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

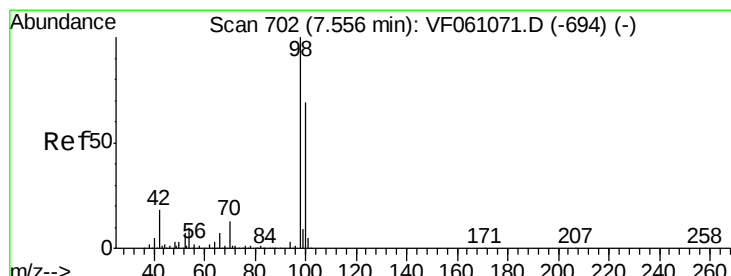
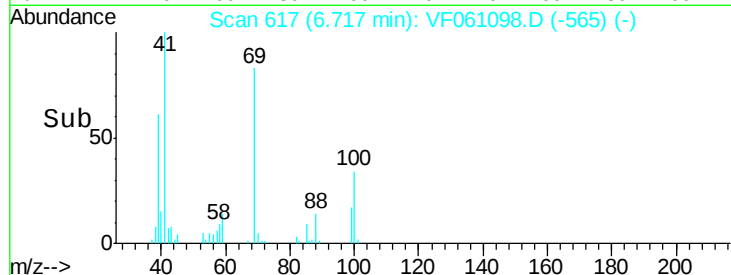
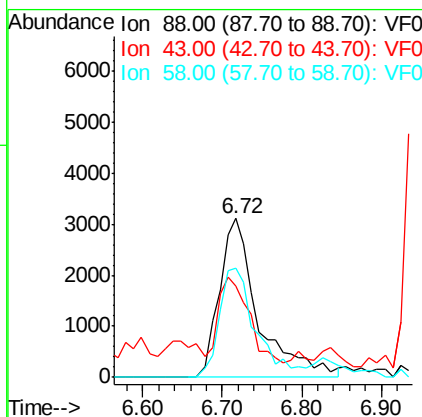
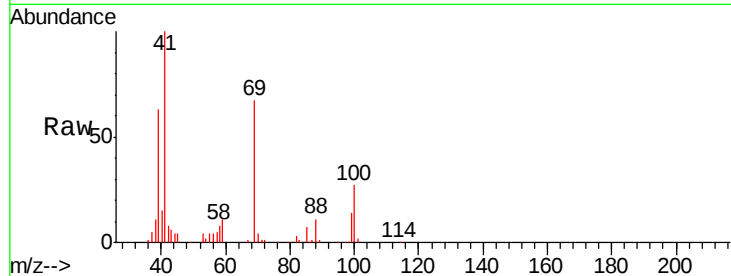
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 10657  
 Ion Ratio Lower Upper  
 88 100  
 43 57.2 33.3 49.9#  
 58 68.6 53.2 79.8

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#50

Toluene-d8

Concen: 50.930 ug/l

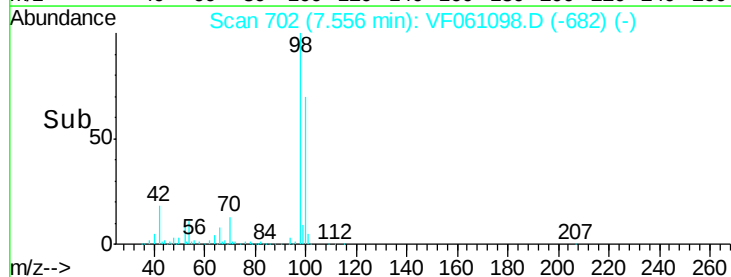
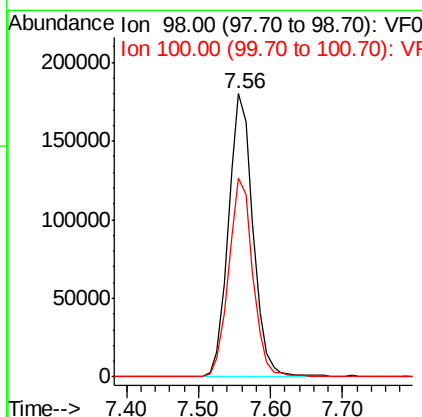
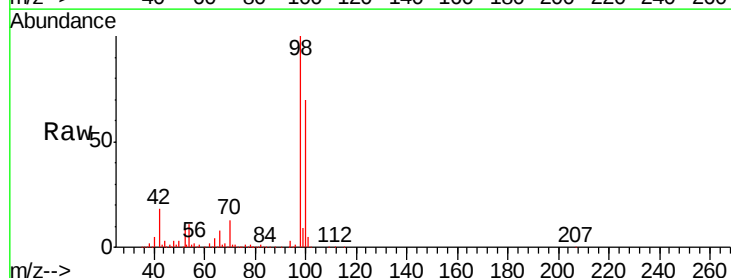
RT: 7.56 min Scan# 702

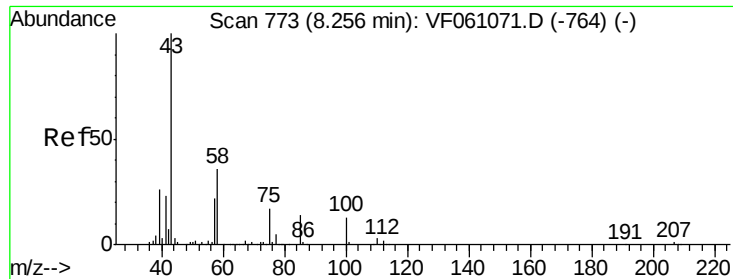
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Tgt Ion: 98 Resp: 427487  
 Ion Ratio Lower Upper  
 98 100  
 100 70.4 55.3 82.9





#51

4-Methyl-2-Pentanone

Concen: 241.876 ug/l

RT: 8.27 min Scan# 774

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 357484

Ion Ratio Lower Upper

43 100

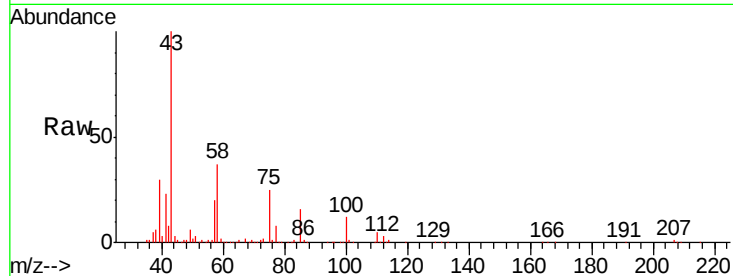
58 37.0 29.1 43.7

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.27

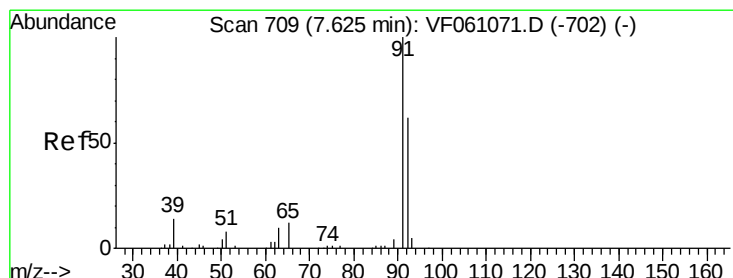
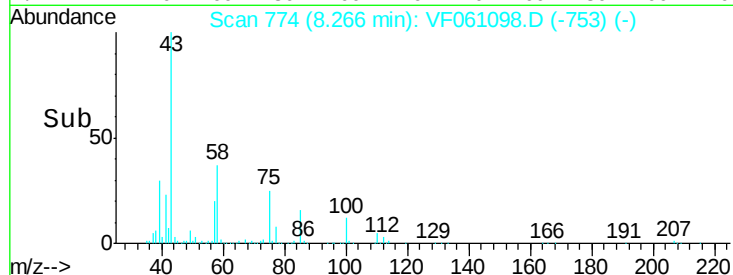
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 49.623 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.00 min

Lab File: VF061098.D

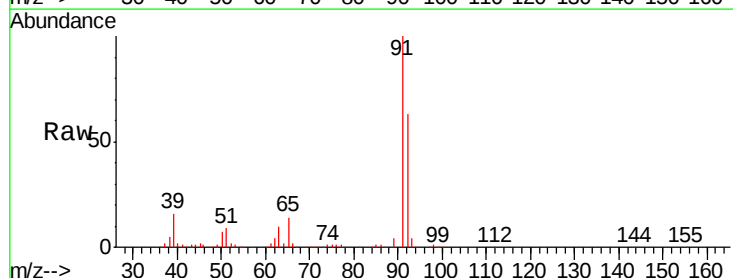
Acq: 19 Dec 2018 21:29

Tgt Ion: 92 Resp: 315271

Ion Ratio Lower Upper

92 100

91 158.2 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.62

200000

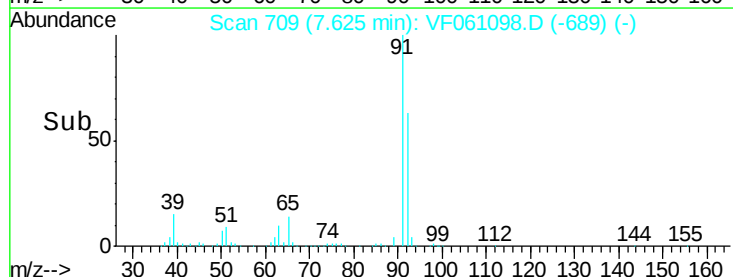
150000

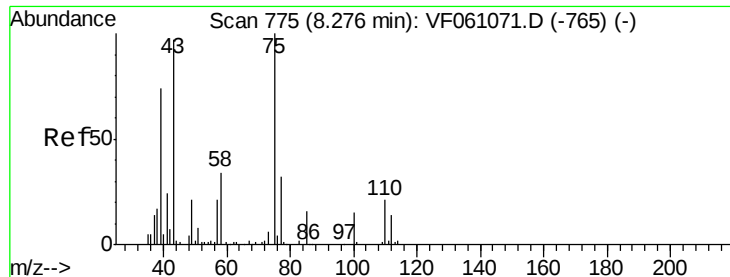
100000

50000

0

Time-->





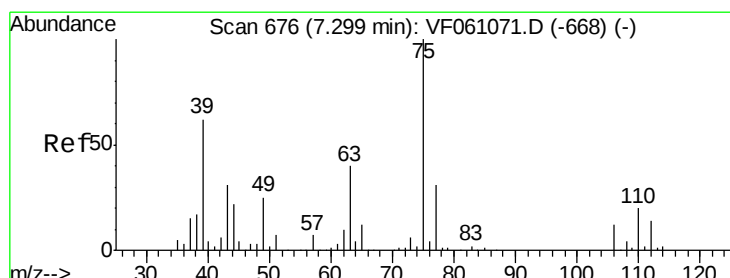
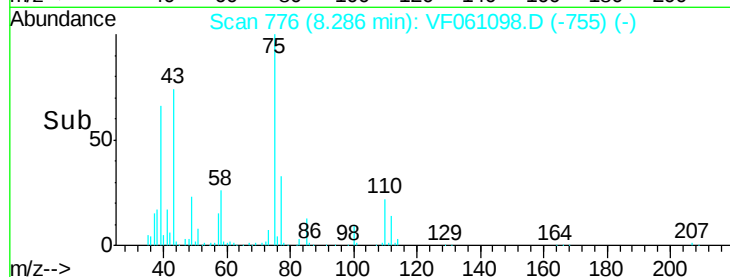
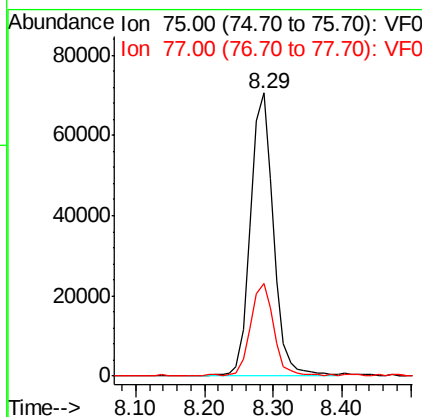
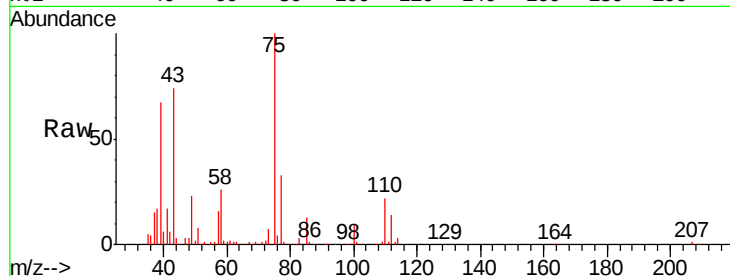
#53  
t-1,3-Dichloropropene  
Concen: 46.427 ug/l  
RT: 8.29 min Scan# 776  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 75 Resp: 164814  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.8 38.8

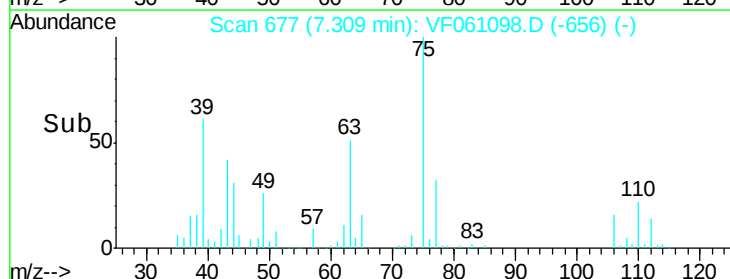
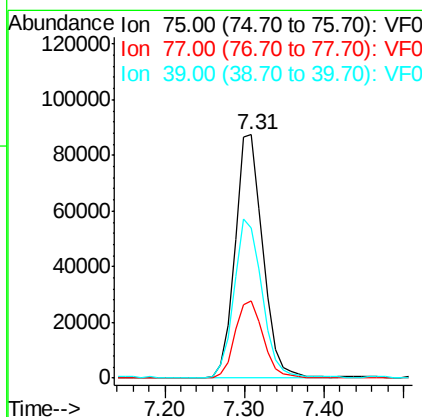
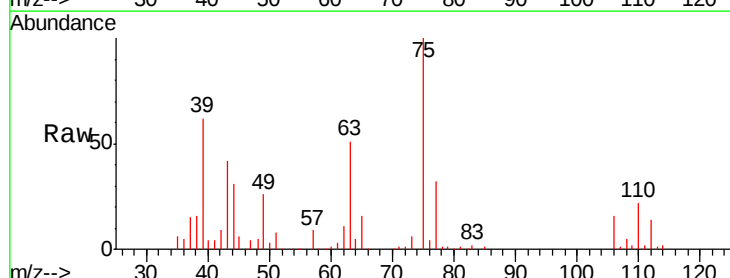
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#54  
cis-1,3-Dichloropropene  
Concen: 47.784 ug/l  
RT: 7.31 min Scan# 677  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion: 75 Resp: 212900  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.0 37.4  
39 61.6 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 48.467 ug/l

RT: 8.49 min Scan# 797

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

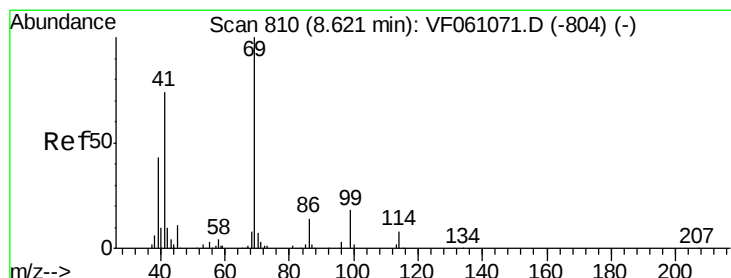
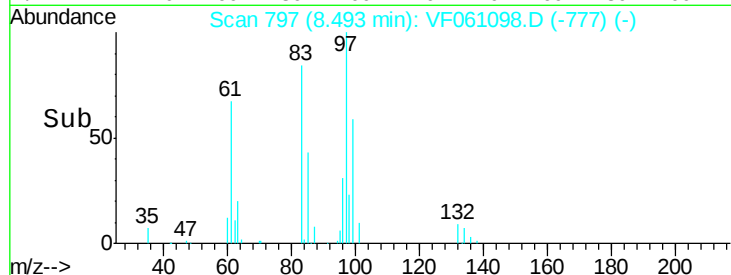
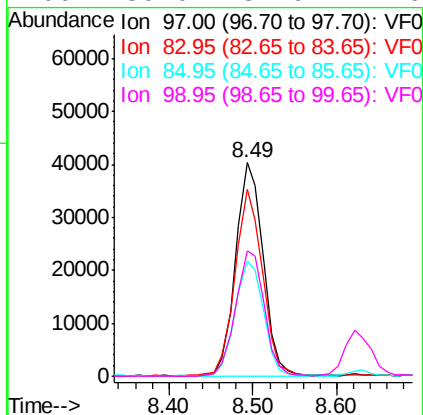
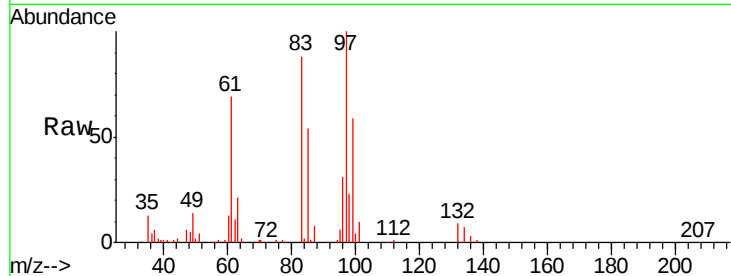
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 92312 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.6  | 75.0  | 112.4 |
| 85       | 53.7  | 47.5  | 71.3  |
| 99       | 59.0  | 51.9  | 77.9  |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 45.816 ug/l

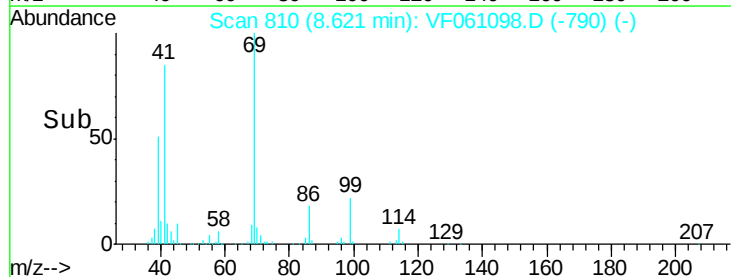
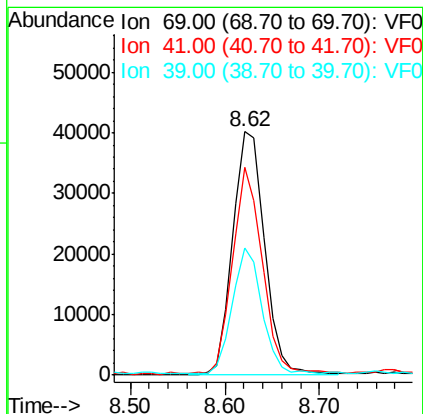
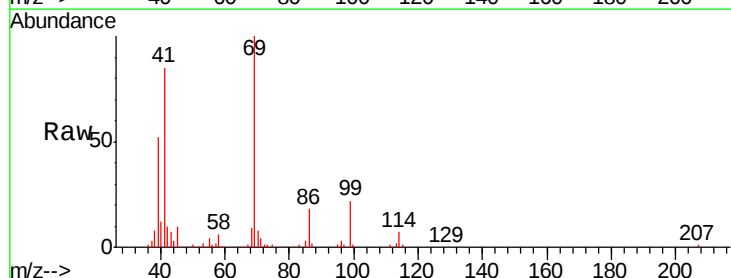
RT: 8.62 min Scan# 810

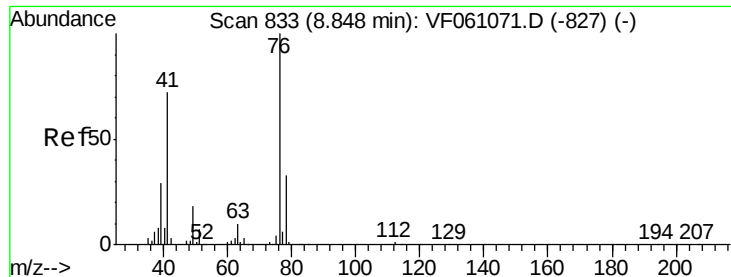
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 94425 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 85.4  | 59.7  | 89.5  |
| 39       | 52.5  | 35.0  | 52.6  |





#57

1,3-Dichloropropane

Concen: 45.141 ug/l

RT: 8.86 min Scan# 834

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 155500

Ion Ratio Lower Upper

76 100

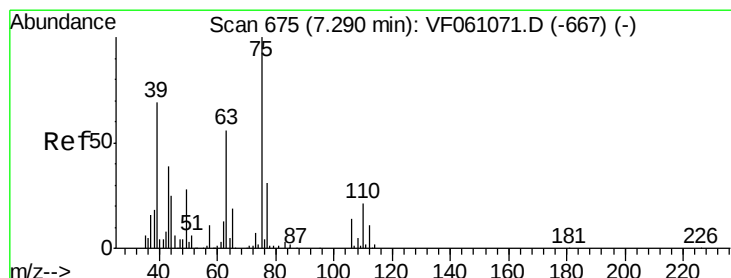
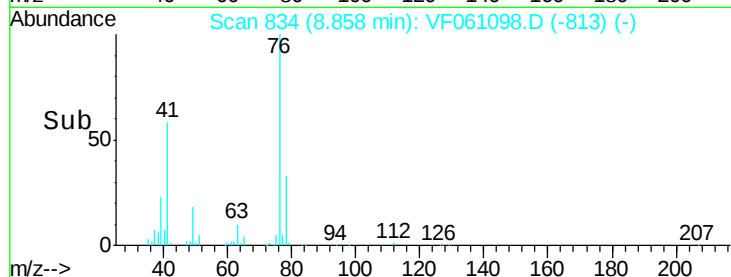
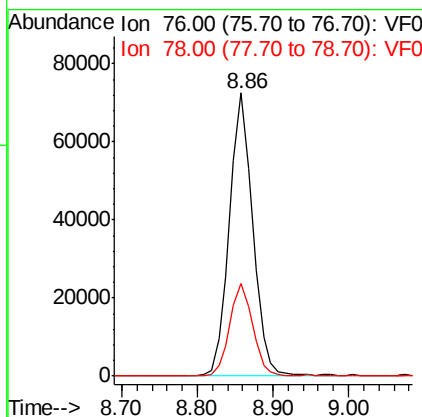
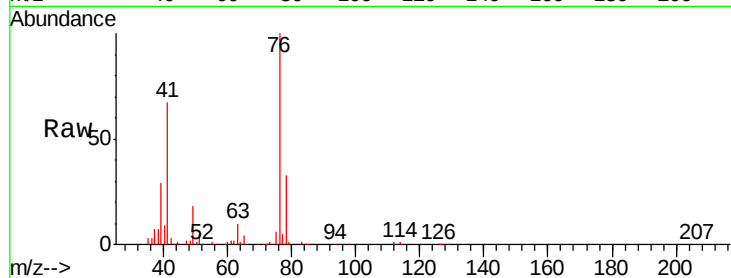
78 32.6 26.5 39.7

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#58

2-Chloroethyl Vinyl ether

Concen: 319.368 ug/l

RT: 7.30 min Scan# 676

Delta R.T. 0.01 min

Lab File: VF061098.D

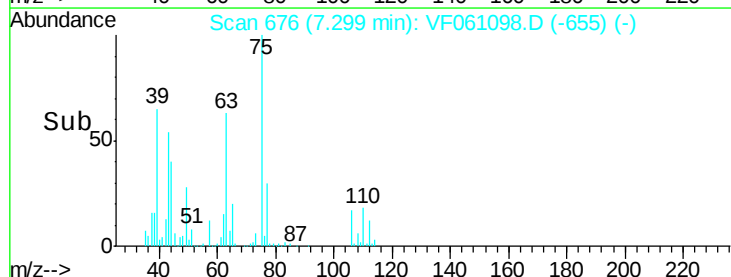
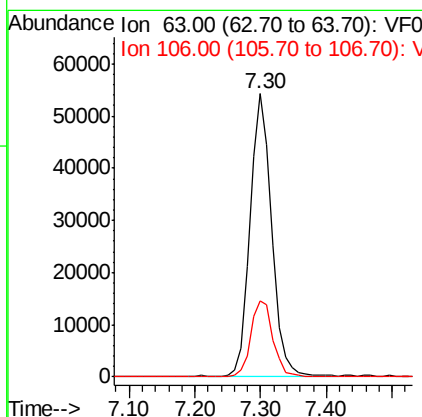
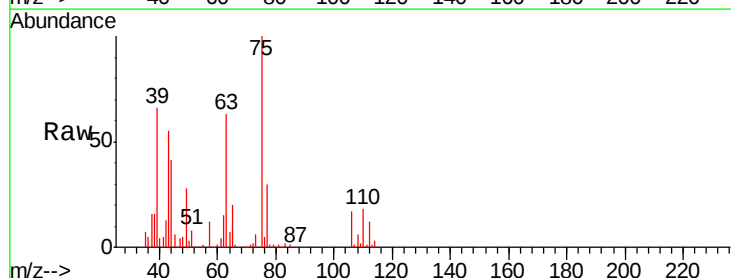
Acq: 19 Dec 2018 21:29

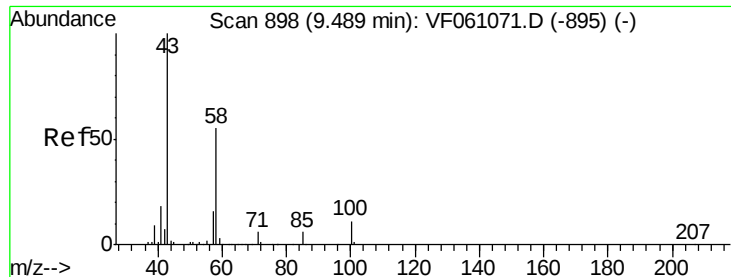
Tgt Ion: 63 Resp: 126414

Ion Ratio Lower Upper

63 100

106 26.8 19.8 29.8





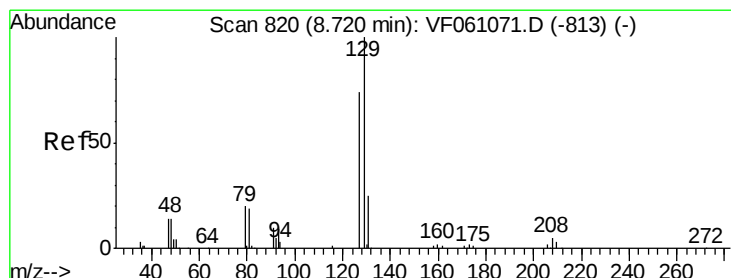
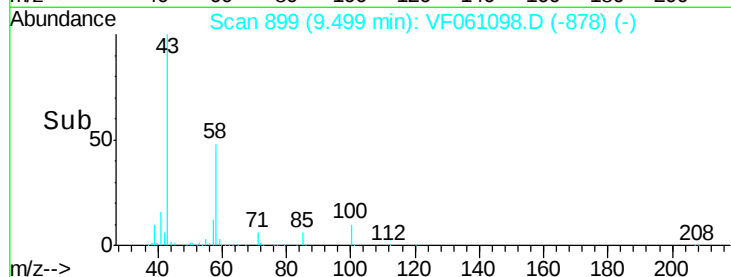
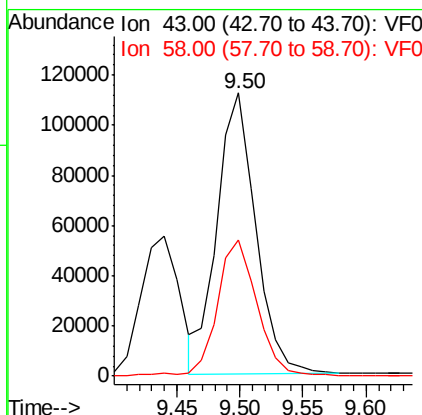
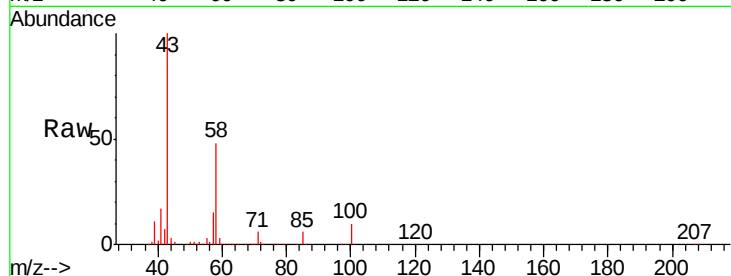
#59  
2-Hexanone  
Concen: 223.488 ug/l  
RT: 9.50 min Scan# 899  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 238871  
Ion Ratio Lower Upper  
43 100  
58 48.0 25.1 75.2

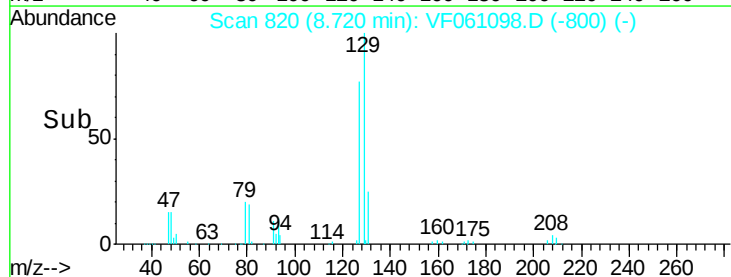
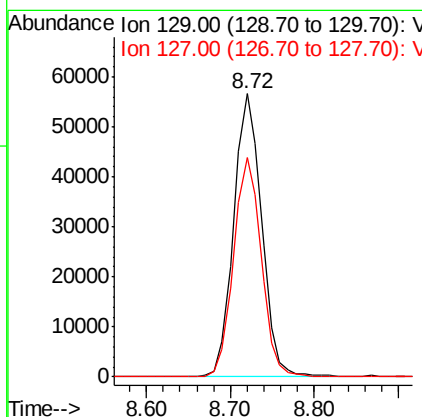
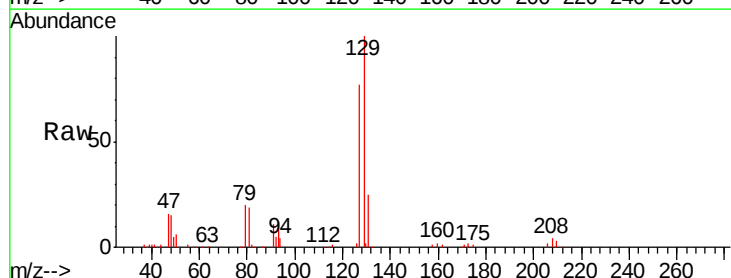
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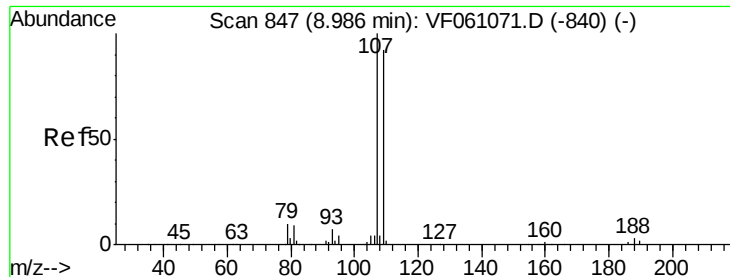
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#60  
Dibromochloromethane  
Concen: 47.934 ug/l  
RT: 8.72 min Scan# 820  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion: 129 Resp: 130872  
Ion Ratio Lower Upper  
129 100  
127 77.3 36.8 110.3





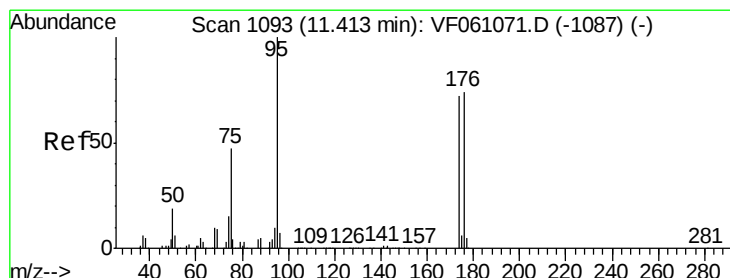
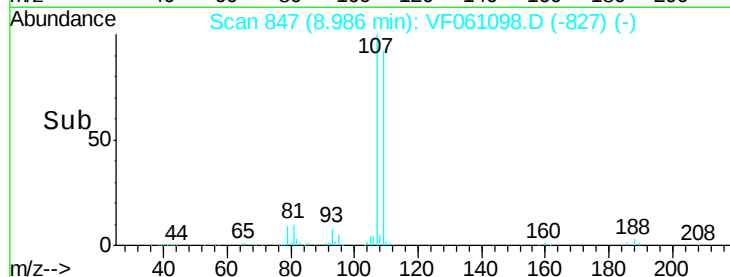
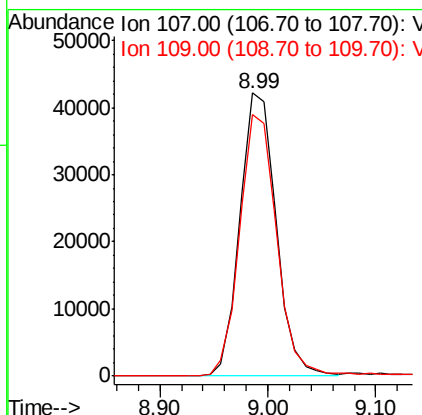
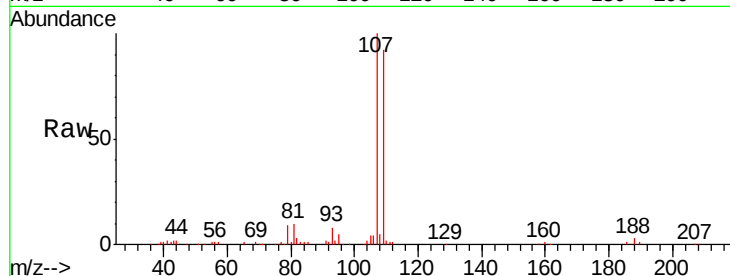
#61  
1,2-Dibromoethane  
Concen: 48.491 ug/l  
RT: 8.99 min Scan# 847  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 107 Resp: 98638  
Ion Ratio Lower Upper  
107 100  
109 92.2 73.7 110.5

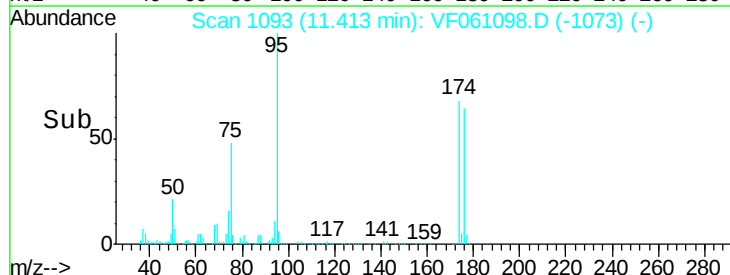
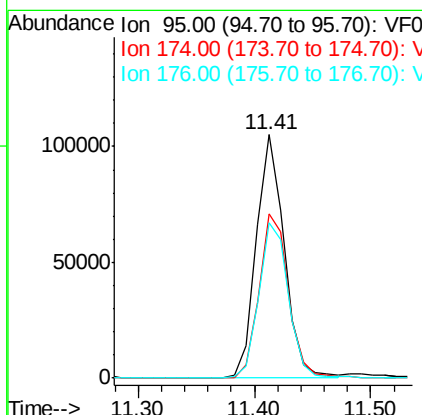
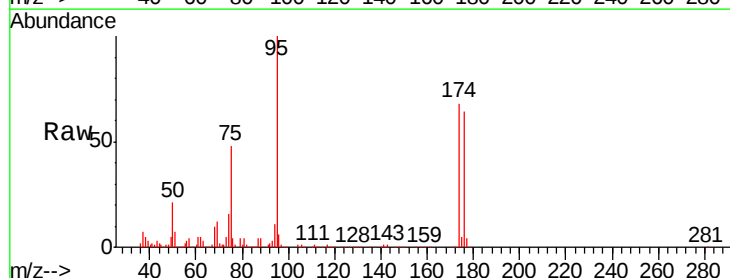
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#62  
4-Bromofluorobenzene  
Concen: 45.476 ug/l  
RT: 11.41 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion: 95 Resp: 175976  
Ion Ratio Lower Upper  
95 100  
174 67.6 0.0 143.8  
176 63.9 0.0 147.6





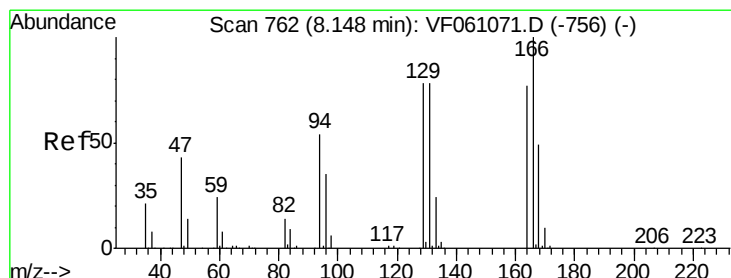
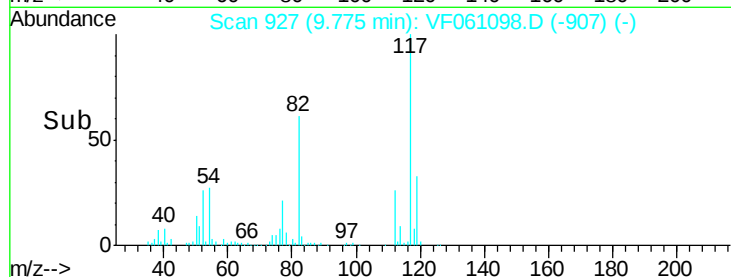
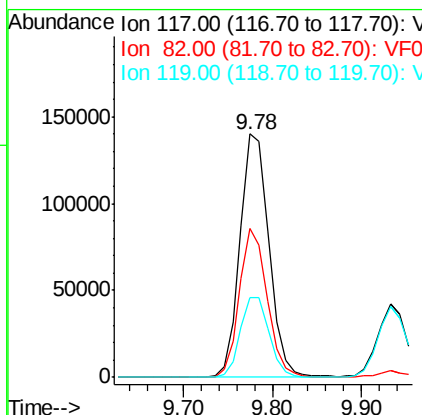
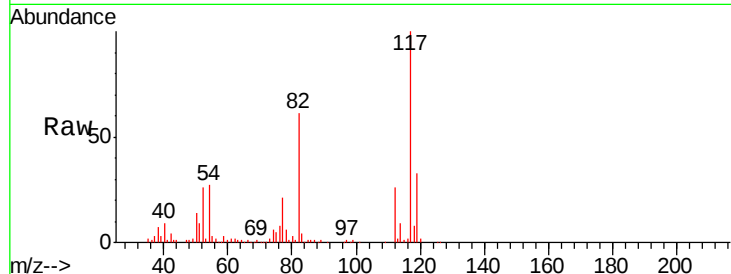
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.78 min Scan# 927  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 317334 |       |       |
| 82      | 61.4  | 45.0   | 67.4  |       |
| 119     | 32.7  | 24.8   | 37.2  |       |

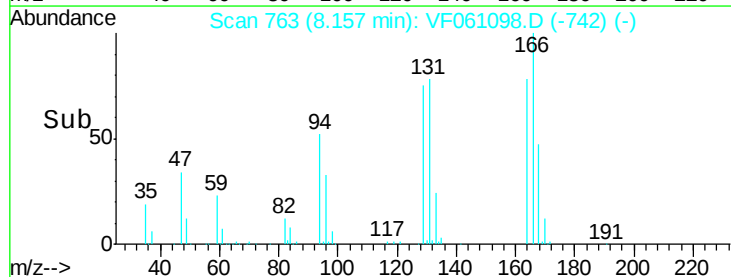
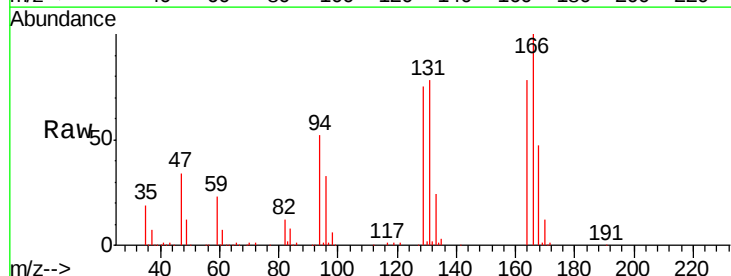
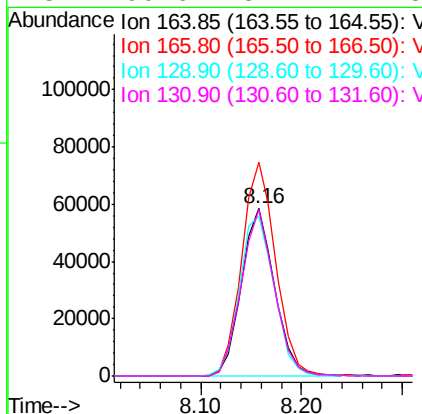
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#64  
Tetrachloroethene  
Concen: 54.908 ug/l  
RT: 8.16 min Scan# 763  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 134036 |       |       |
| 166     | 127.8 | 104.0  | 156.0 |       |
| 129     | 96.0  | 81.1   | 121.7 |       |
| 131     | 99.6  | 81.2   | 121.8 |       |





#65

Chlorobenzene

Concen: 82.860 ug/l

RT: 9.80 min Scan# 930

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 543206

Ion Ratio Lower Upper

112 100

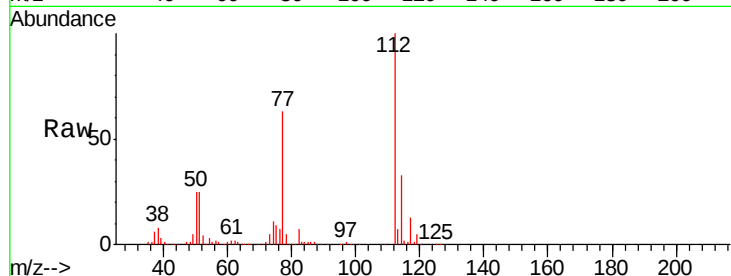
114 33.5 27.8 41.6

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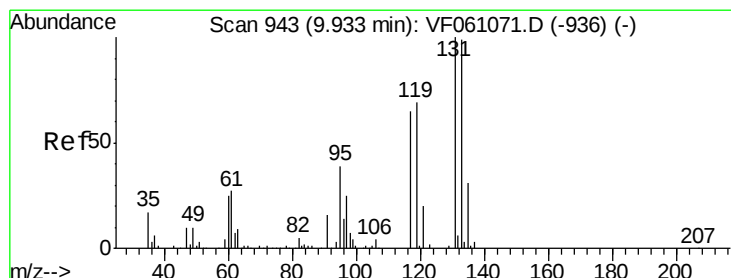
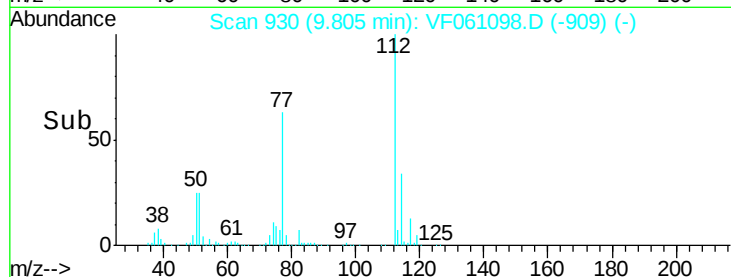
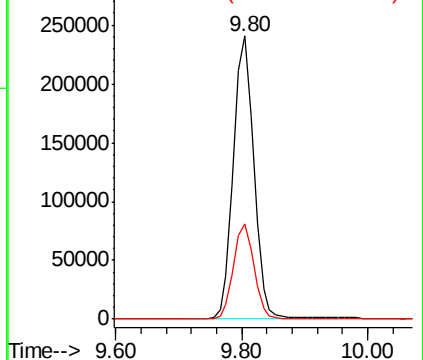
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.120 ug/l

RT: 9.93 min Scan# 943

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

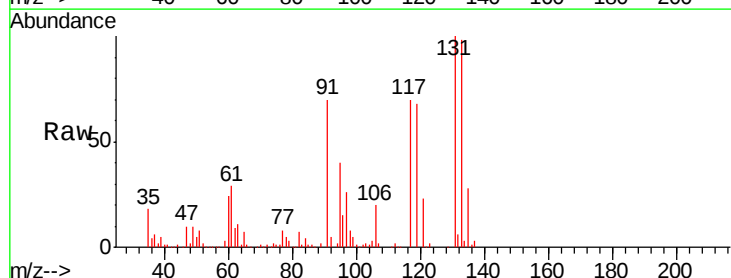
Tgt Ion:131 Resp: 139632

Ion Ratio Lower Upper

131 100

133 98.3 49.5 148.7

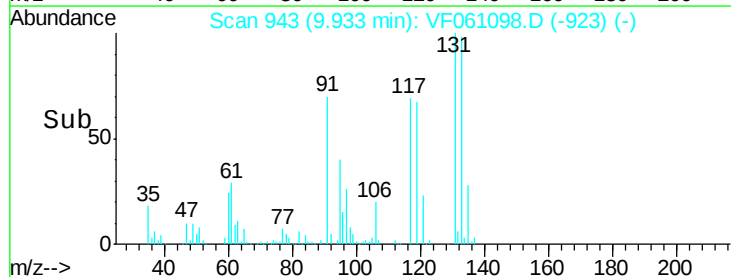
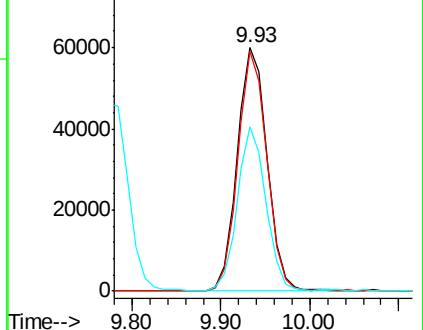
119 67.5 34.5 103.5

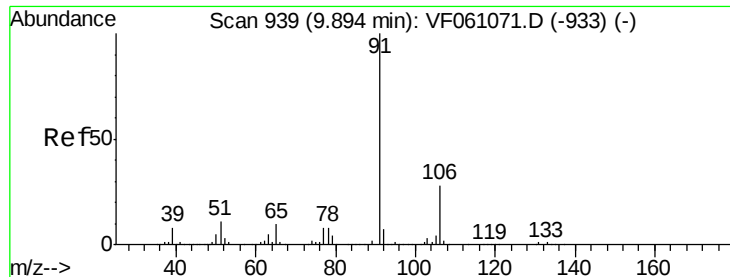


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 53.358 ug/l

RT: 9.90 min Scan# 940

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 637267

Ion Ratio Lower Upper

91 100

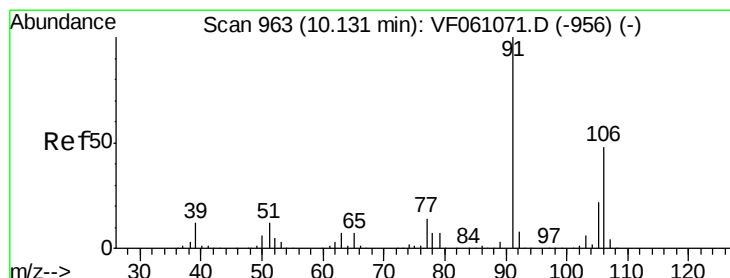
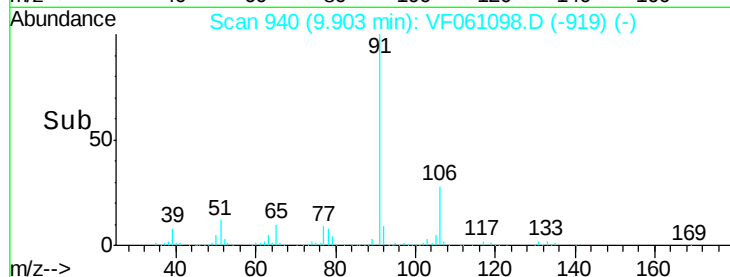
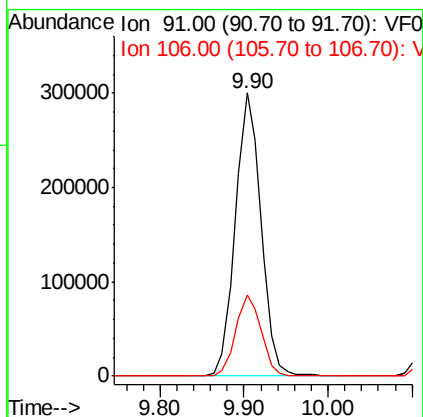
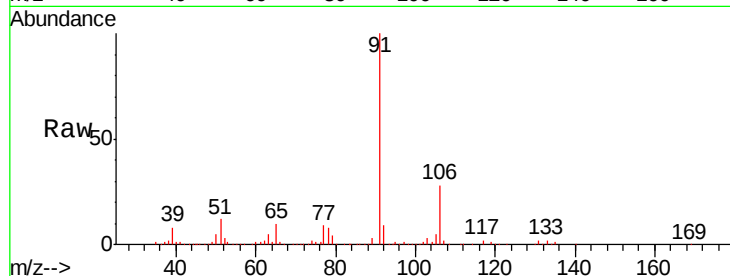
106 28.5 22.5 33.7

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#68

m/p-Xylenes

Concen: 99.931 ug/l

RT: 10.14 min Scan# 964

Delta R.T. 0.01 min

Lab File: VF061098.D

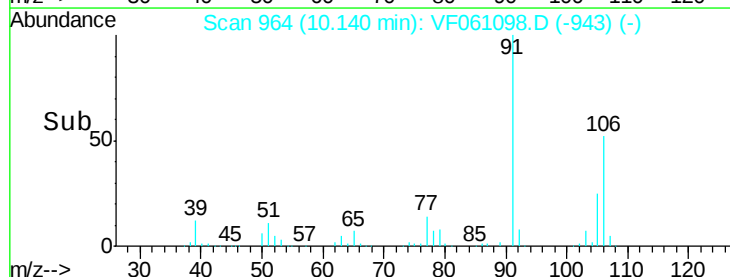
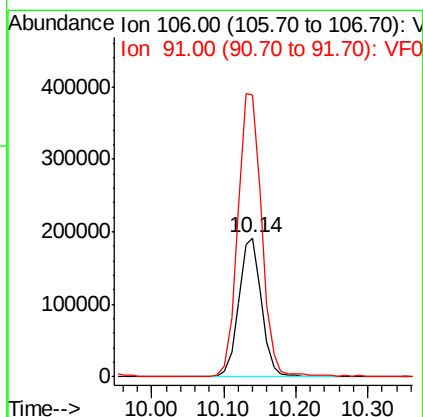
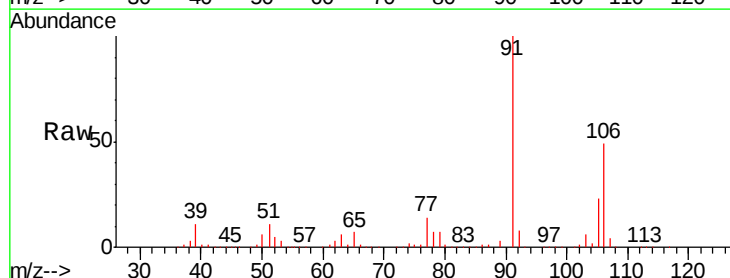
Acq: 19 Dec 2018 21:29

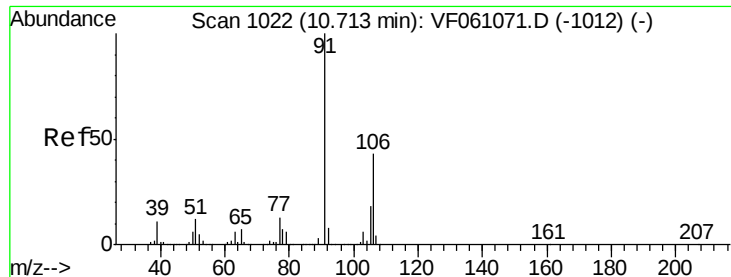
Tgt Ion: 106 Resp: 420021

Ion Ratio Lower Upper

106 100

91 203.0 168.2 252.2





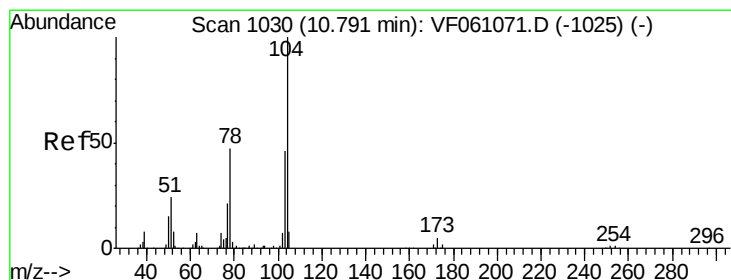
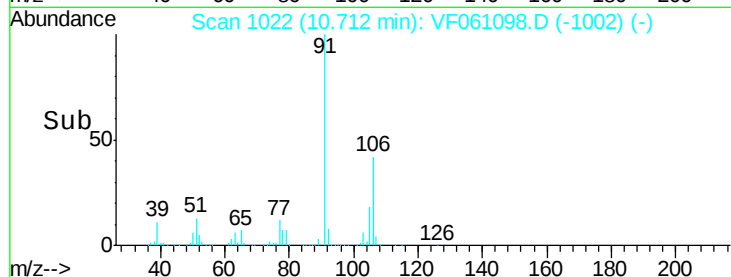
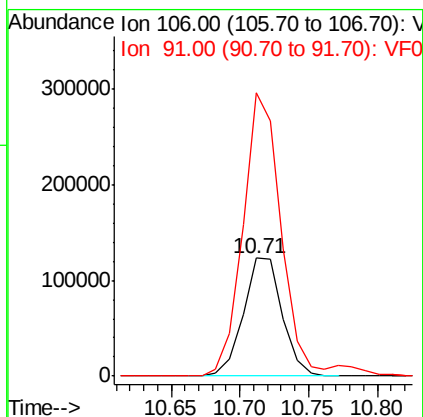
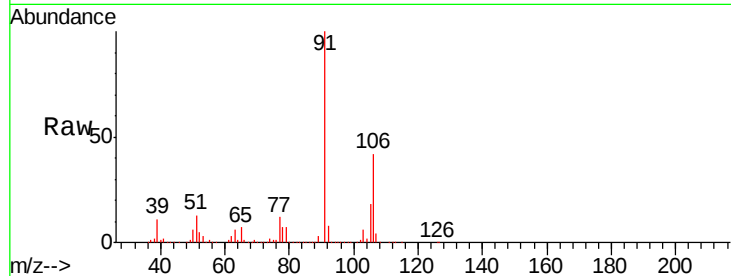
#69  
o-Xylene  
Concen: 52.376 ug/l  
RT: 10.71 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 244153  
Ion Ratio Lower Upper  
106 100  
91 239.5 115.9 347.7

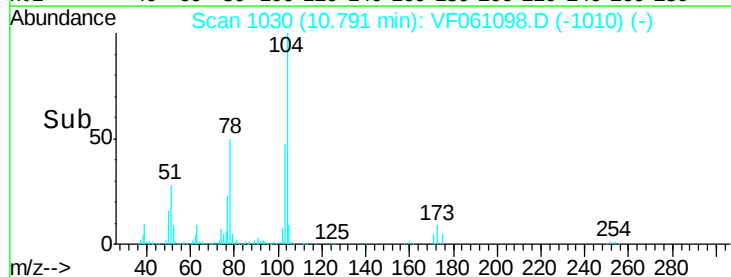
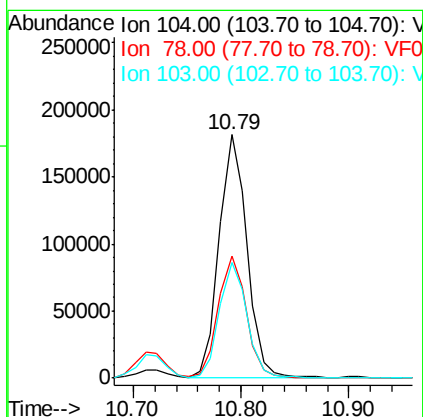
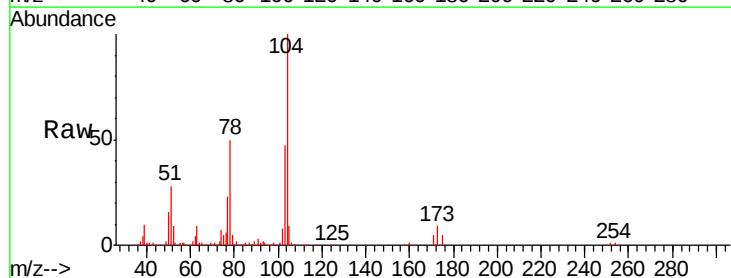
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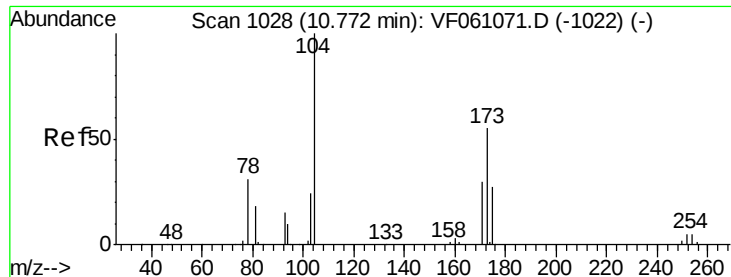
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#70  
Styrene  
Concen: 58.007 ug/l  
RT: 10.79 min Scan# 1030  
Delta R.T. 0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Tgt Ion:104 Resp: 325053  
Ion Ratio Lower Upper  
104 100  
78 50.0 38.4 57.6  
103 47.2 37.0 55.6





#71

Bromoform

Concen: 51.755 ug/l

RT: 10.78 min Scan# 1029

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

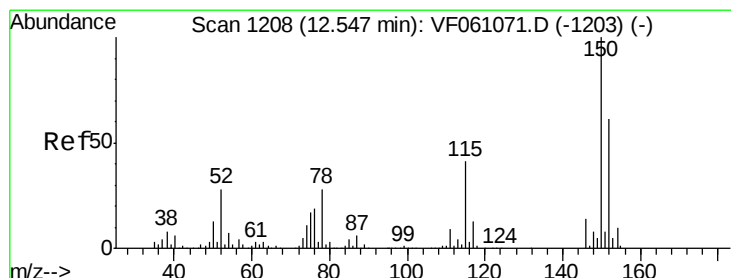
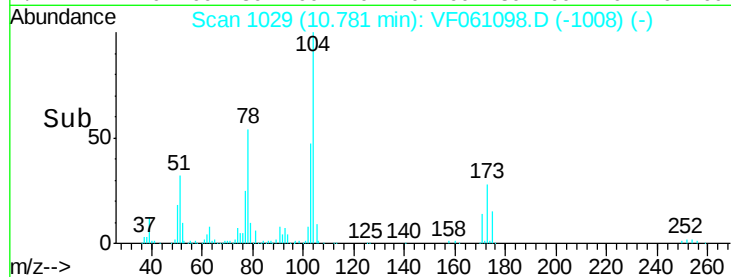
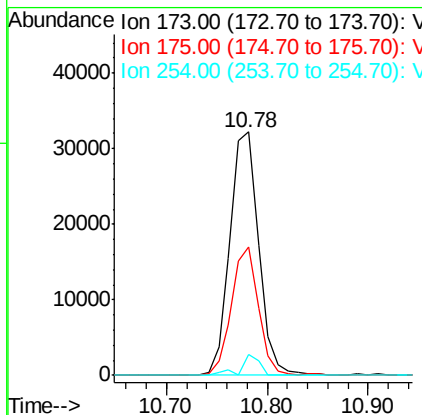
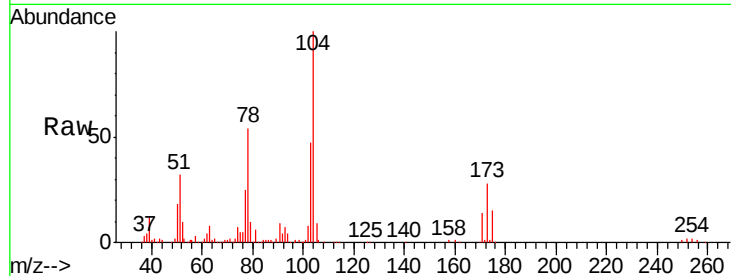
ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 64148  
 Ion Ratio Lower Upper  
 173 100  
 175 53.5 24.8 74.4  
 254 8.7 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

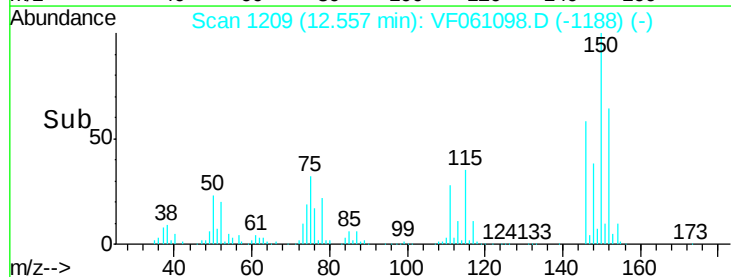
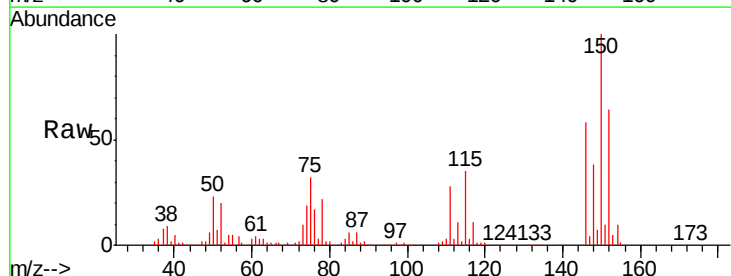
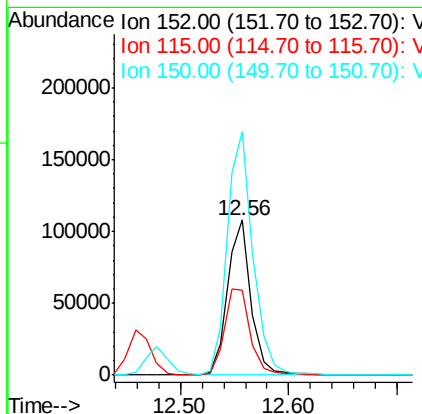
RT: 12.56 min Scan# 1209

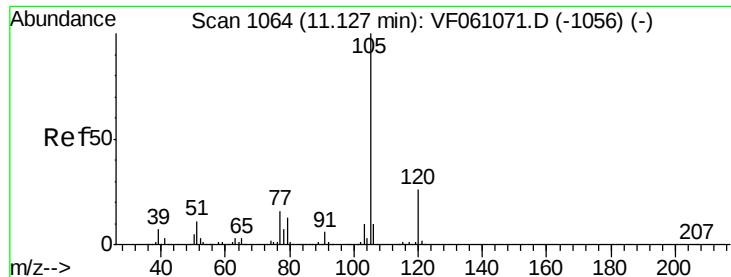
Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Tgt Ion:152 Resp: 163867  
 Ion Ratio Lower Upper  
 152 100  
 115 54.8 33.3 99.9  
 150 157.0 0.0 328.2





#73

Isopropylbenzene

Concen: 49.690 ug/l

RT: 11.13 min Scan# 1064

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 701688

Ion Ratio Lower Upper

105 100

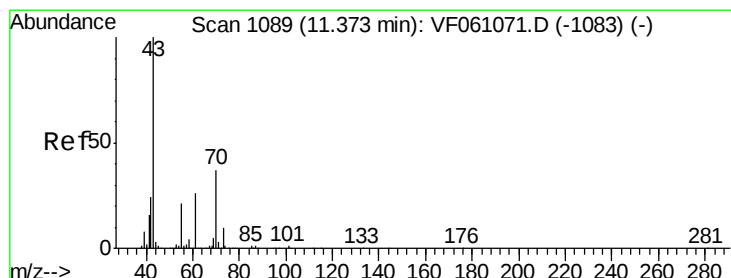
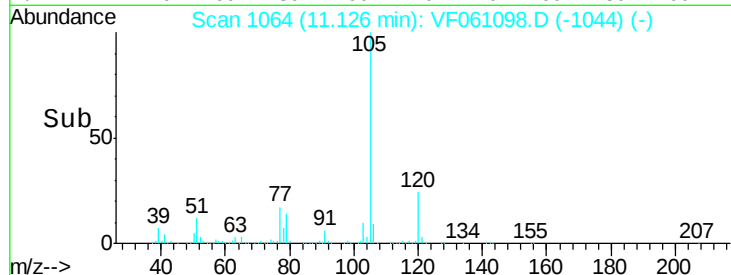
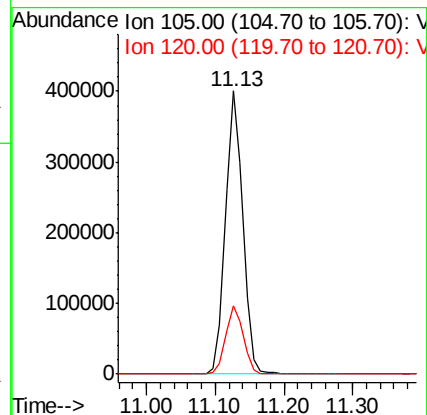
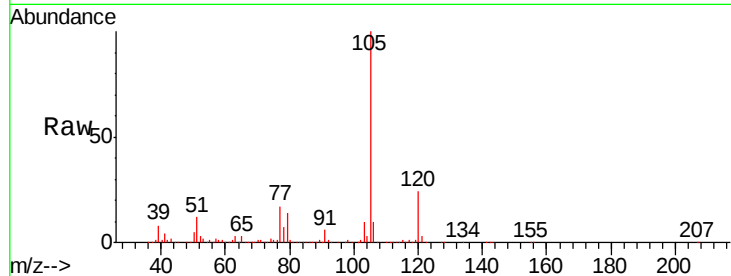
120 24.1 13.0 39.0

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#74

N-ethyl acetate

Concen: 49.871 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Tgt Ion: 43 Resp: 156353

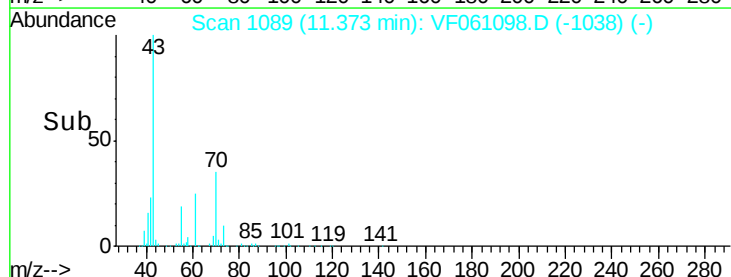
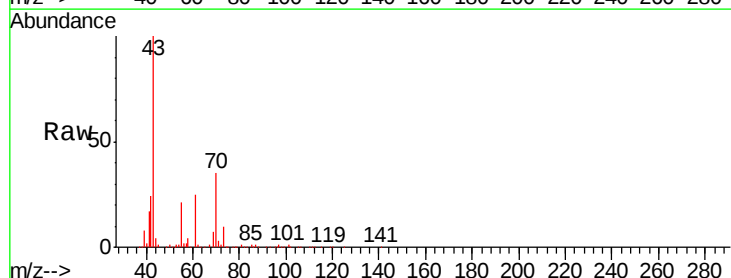
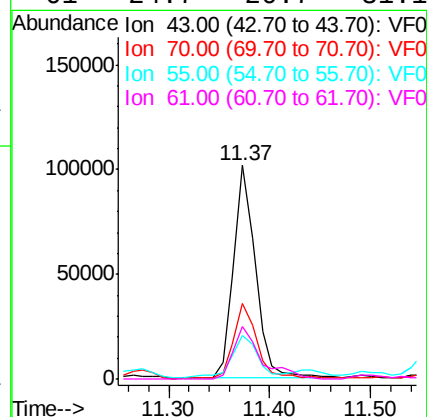
Ion Ratio Lower Upper

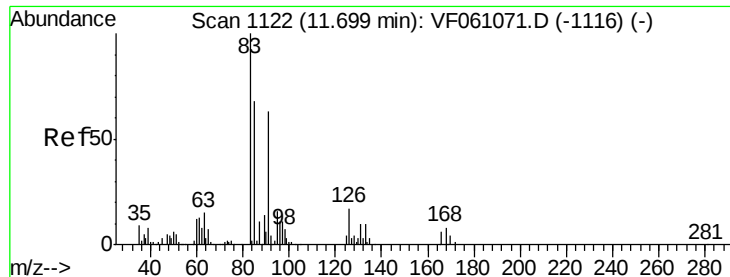
43 100

70 35.1 29.2 43.8

55 20.6 16.5 24.7

61 24.7 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 49.843 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

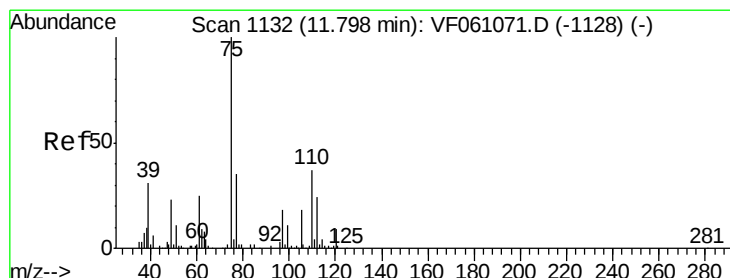
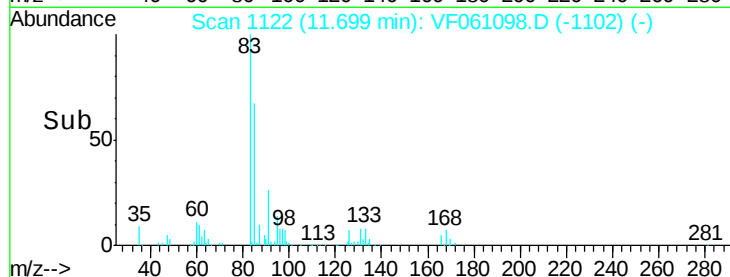
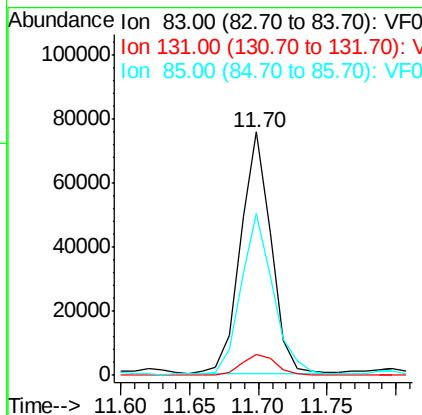
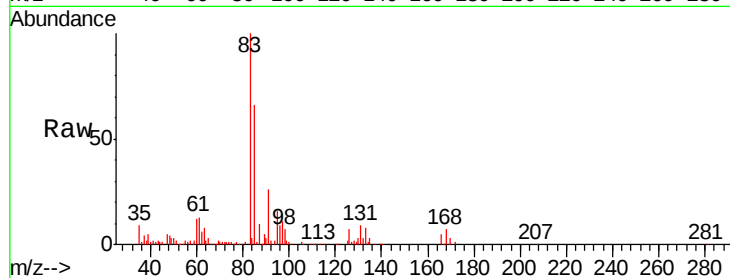
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 116816 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 8.8   | 4.8   | 14.3   |
| 85        | 66.5  | 33.9  | 101.6  |

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#76

1,2,3-Trichloropropane

Concen: 49.545 ug/l

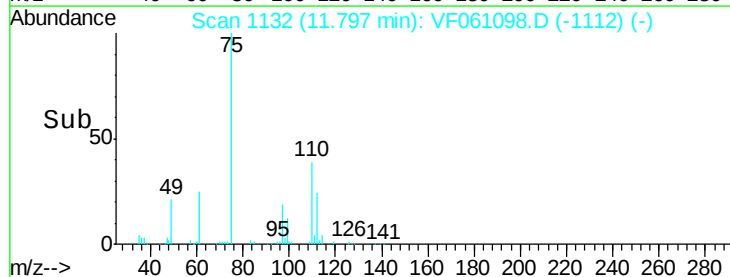
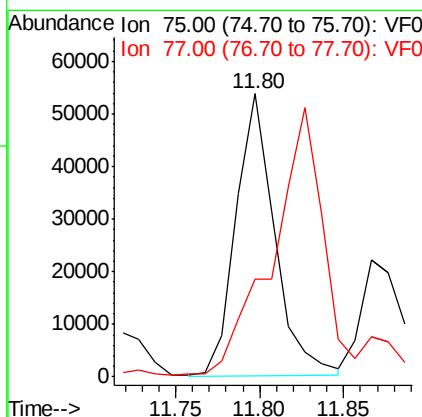
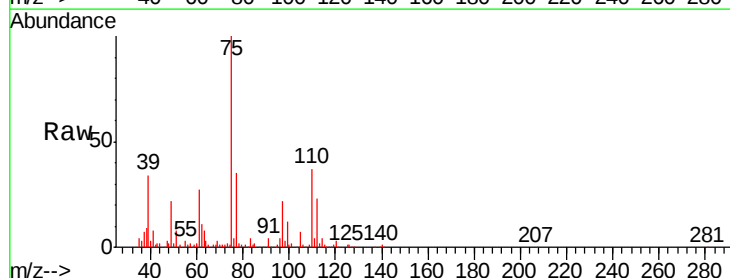
RT: 11.80 min Scan# 1132

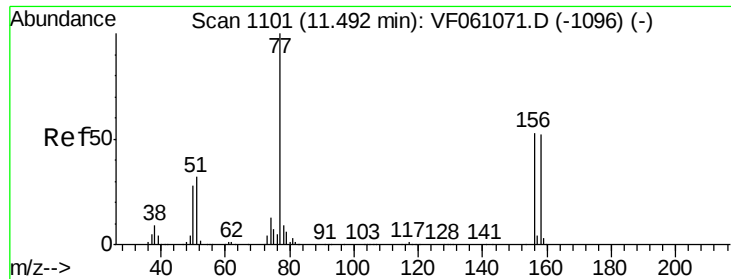
Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 86413 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 34.6  | 17.6  | 52.9  |





#77

Bromobenzene

Concen: 49.937 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

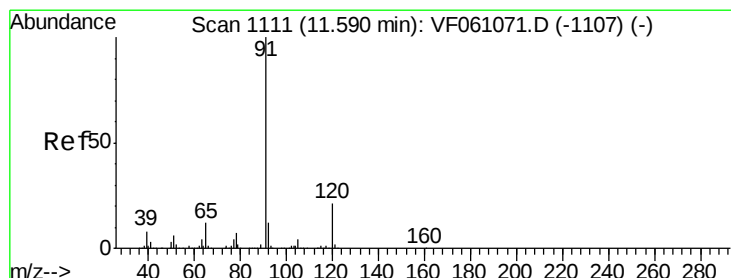
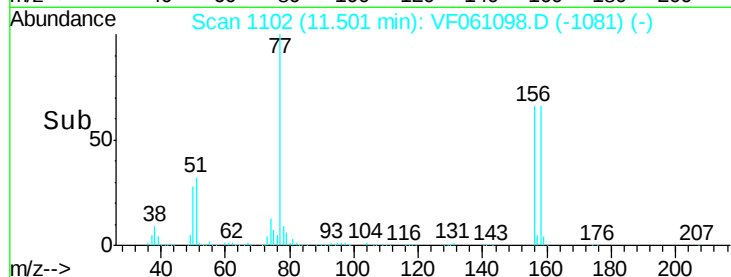
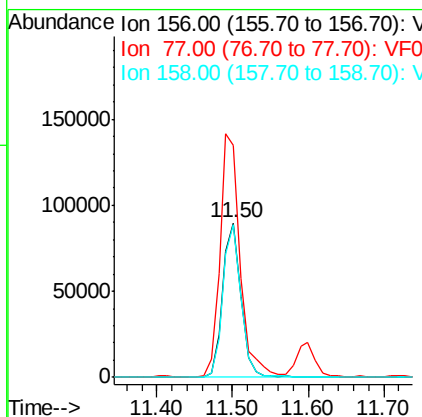
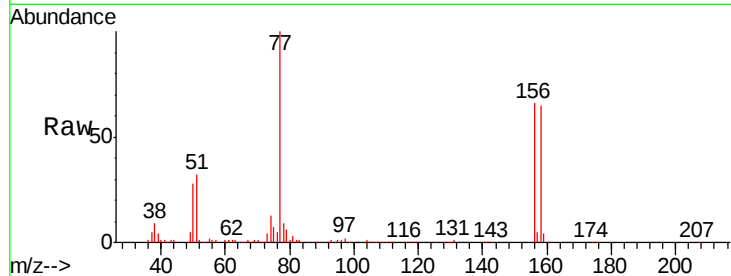
ClientSampleId :

VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 156     | 100   | 151799 |       |       |
| 77      | 150.8 | 93.8   | 281.4 |       |
| 158     | 98.7  | 48.9   | 146.8 |       |

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#78

n-propylbenzene

Concen: 47.749 ug/l

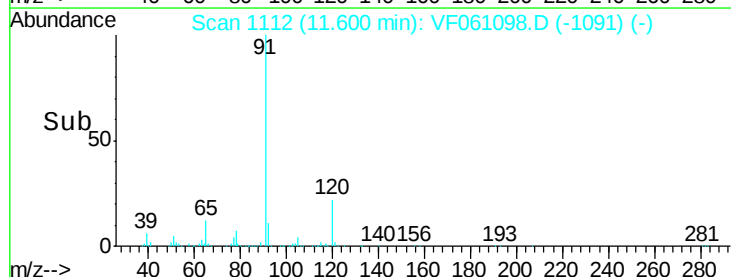
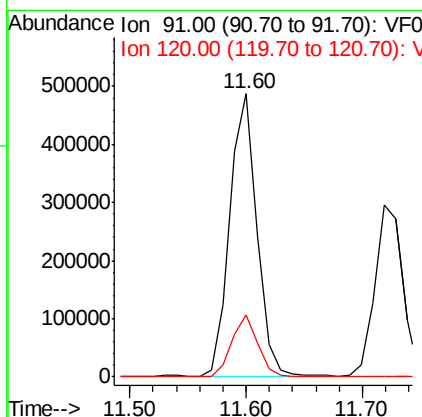
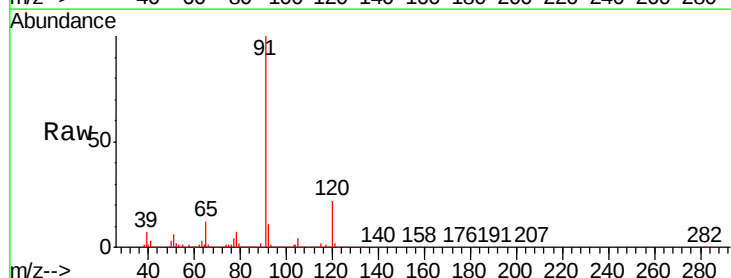
RT: 11.60 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 783592 |       |       |
| 120     | 21.9  | 10.4   | 31.2  |       |





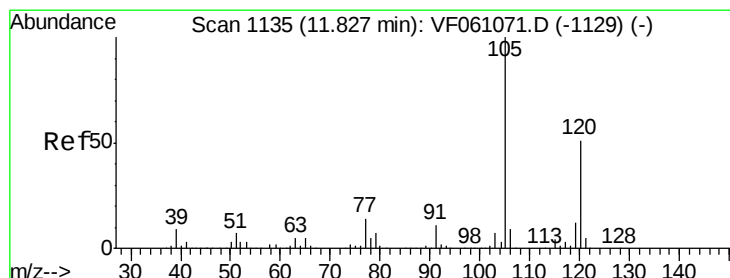
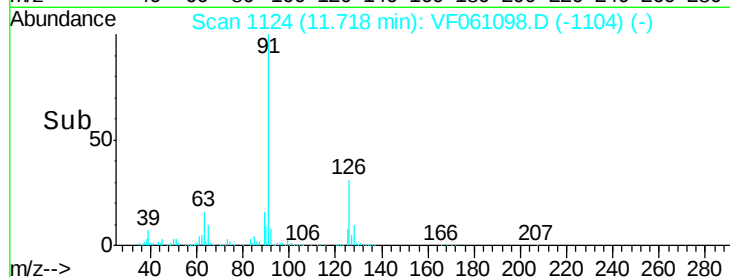
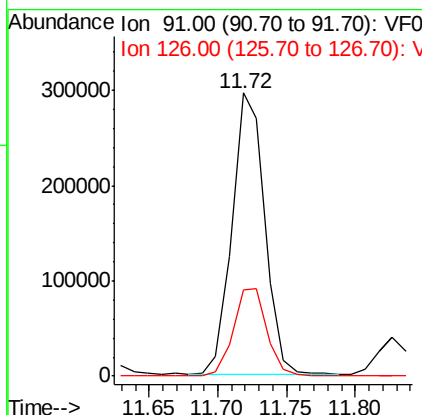
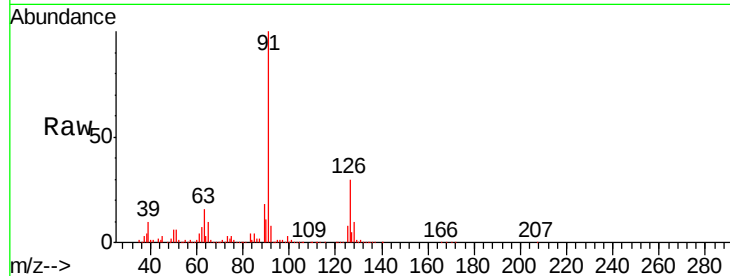
#79  
 2-Chlorotoluene  
 Concen: 50.519 ug/l  
 RT: 11.72 min Scan# 1124  
 Delta R.T. -0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 91 Resp: 489385  
 Ion Ratio Lower Upper  
 91 100  
 126 30.5 16.4 49.1

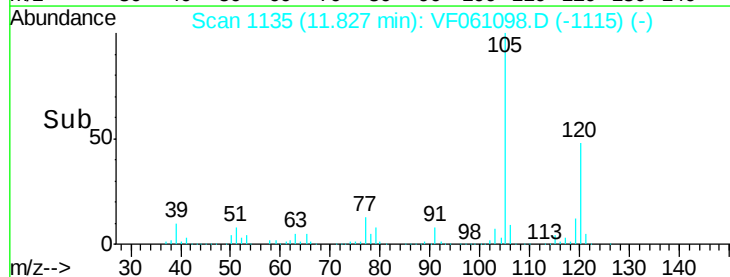
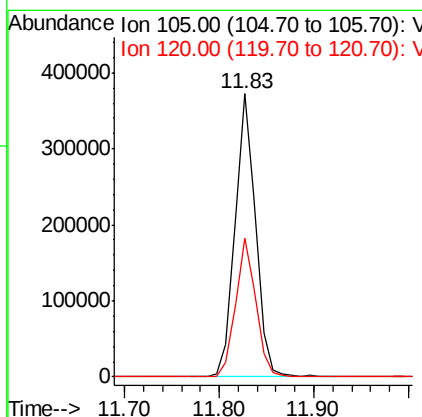
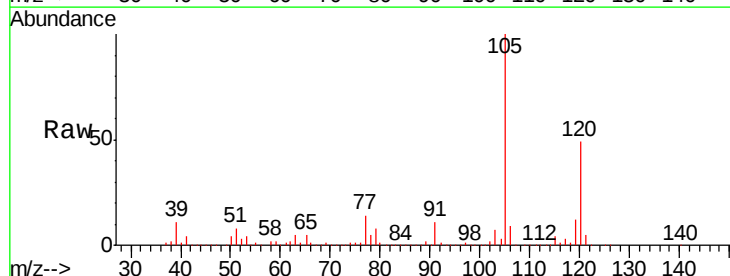
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.274 ug/l  
 RT: 11.83 min Scan# 1135  
 Delta R.T. -0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Tgt Ion: 105 Resp: 561323  
 Ion Ratio Lower Upper  
 105 100  
 120 48.9 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.684 ug/l m

RT: 11.87 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

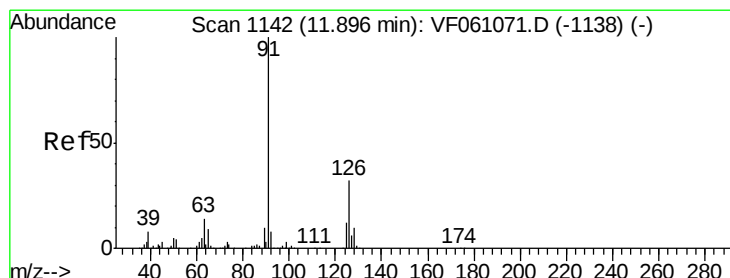
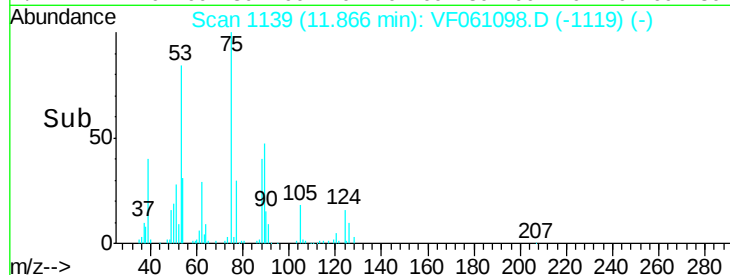
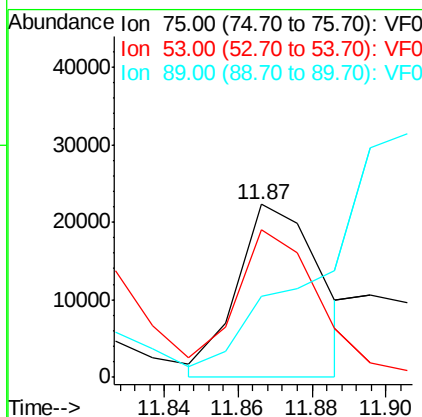
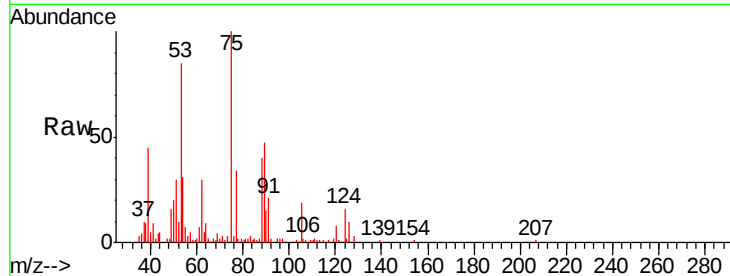
ClientSampleId :

VSTDCCC050EC

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 34989 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 85.3  | 74.1  | 111.1 |
| 89       | 47.2  | 42.6  | 64.0  |

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#82

4-Chlorotoluene

Concen: 47.436 ug/l

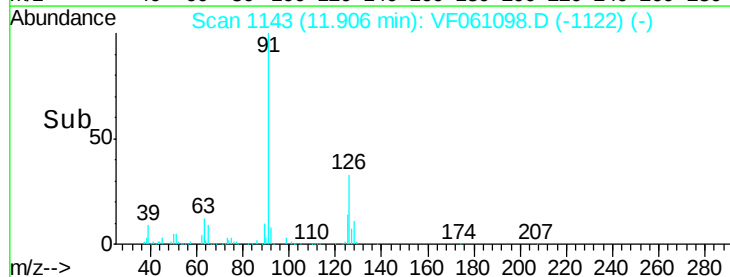
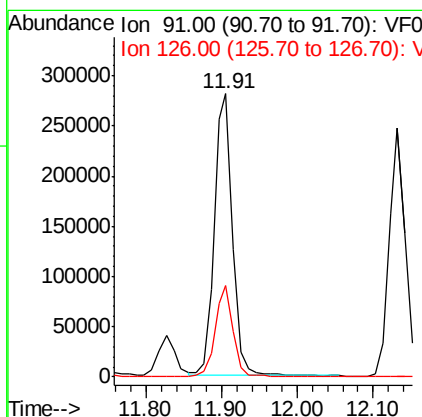
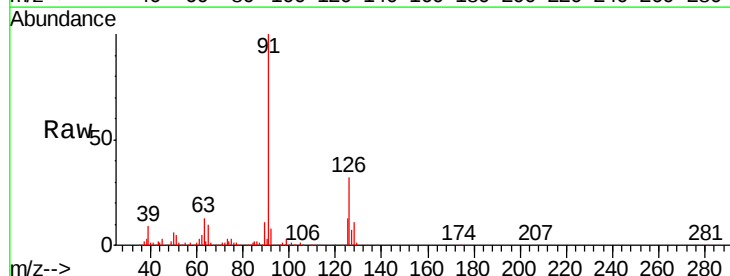
RT: 11.91 min Scan# 1143

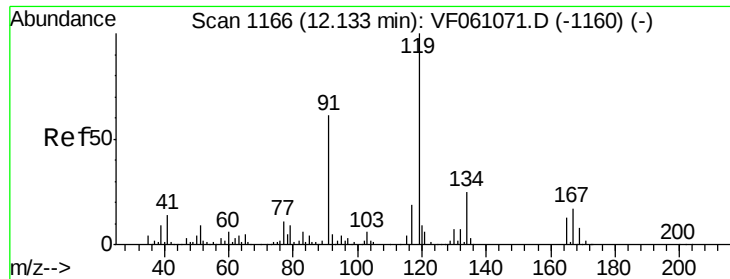
Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 475366 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 32.2  | 16.0  | 47.9   |





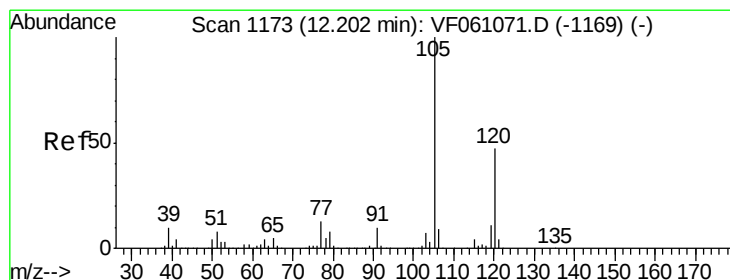
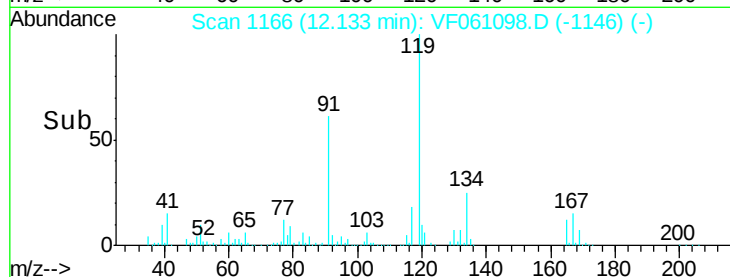
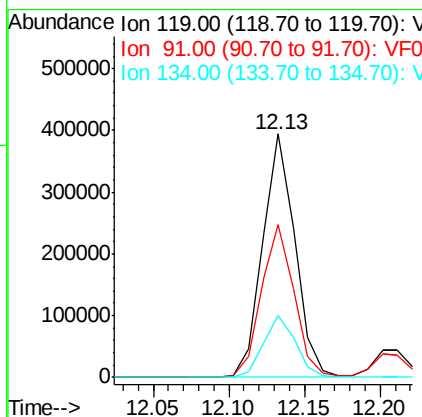
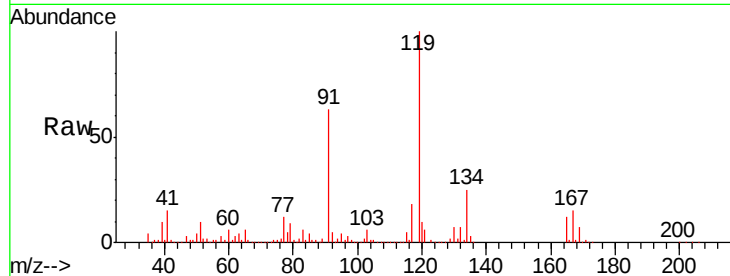
#83  
tert-Butylbenzene  
Concen: 49.610 ug/l  
RT: 12.13 min Scan# 1166  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 593595 |       |       |
| 91      | 63.0  | 30.5   | 91.5  |       |
| 134     | 25.2  | 12.4   | 37.4  |       |

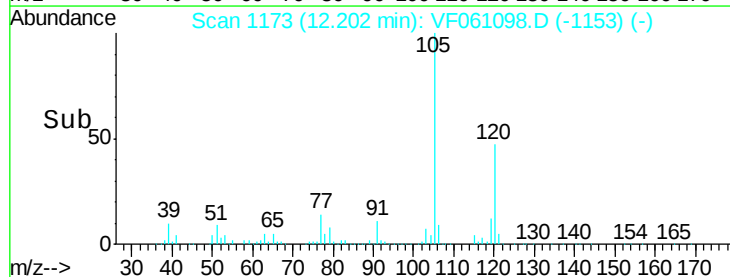
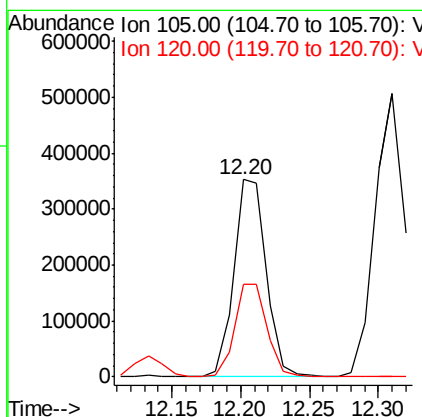
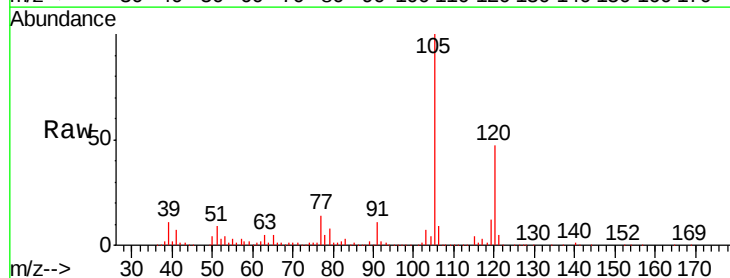
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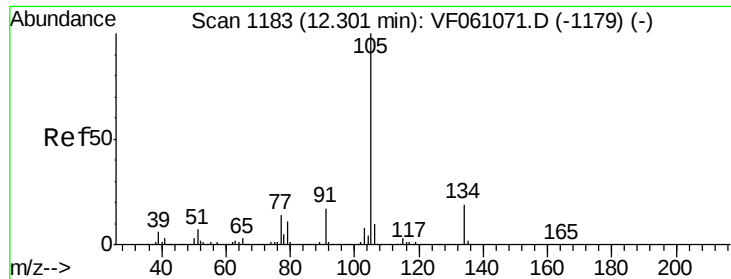
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#84  
1,2,4-Trimethylbenzene  
Concen: 49.767 ug/l  
RT: 12.20 min Scan# 1173  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 577065 |       |       |
| 120     | 46.8  | 23.6   | 71.0  |       |





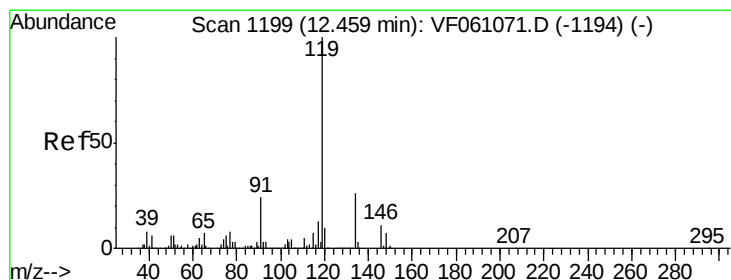
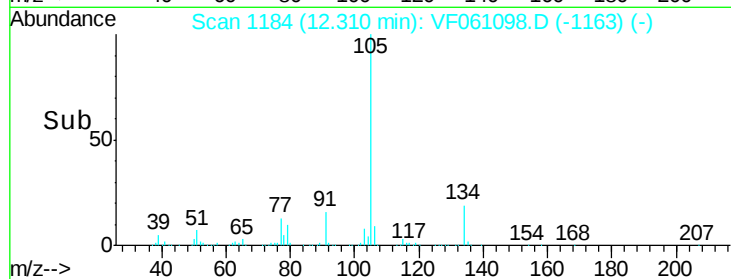
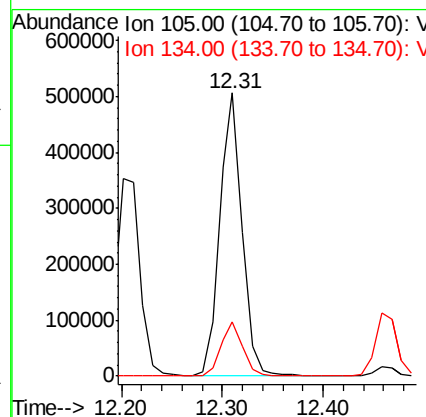
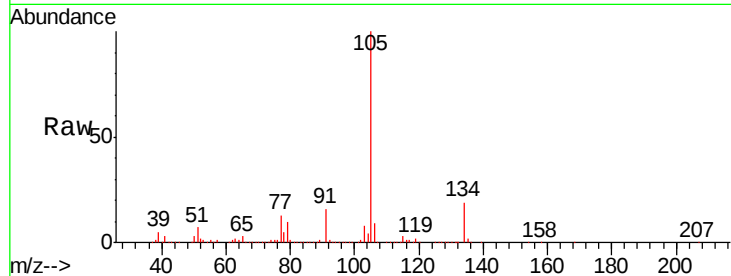
#85  
 sec-Butylbenzene  
 Concen: 49.613 ug/l  
 RT: 12.31 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 774695 |       |       |
| 134     | 19.3  | 9.4    | 28.2  |       |

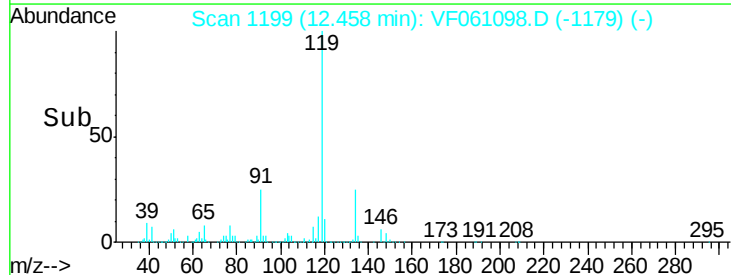
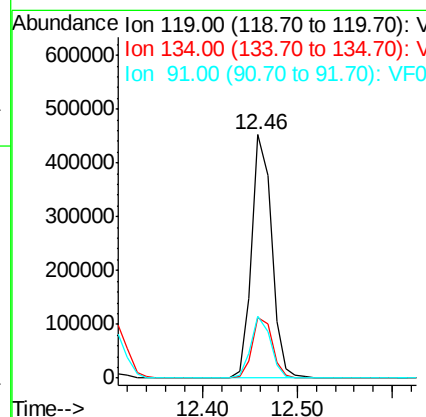
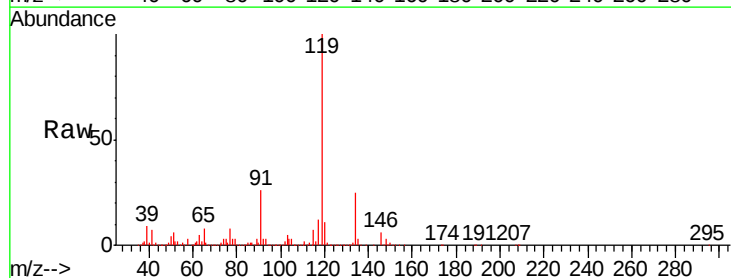
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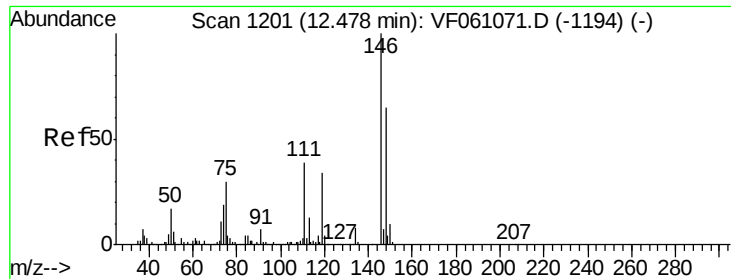
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#86  
 p-Isopropyltoluene  
 Concen: 51.238 ug/l  
 RT: 12.46 min Scan# 1199  
 Delta R.T. 0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 664096 |       |       |
| 134     | 24.7  | 12.8   | 38.4  |       |
| 91      | 25.6  | 12.2   | 36.6  |       |





#87

1,3-Dichlorobenzene

Concen: 57.286 ug/l

RT: 12.48 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

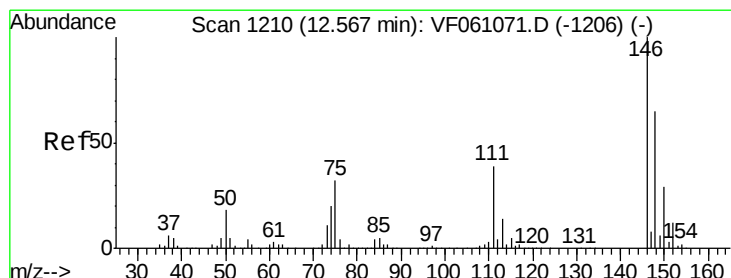
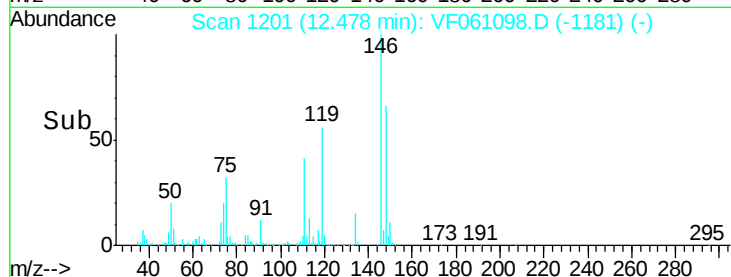
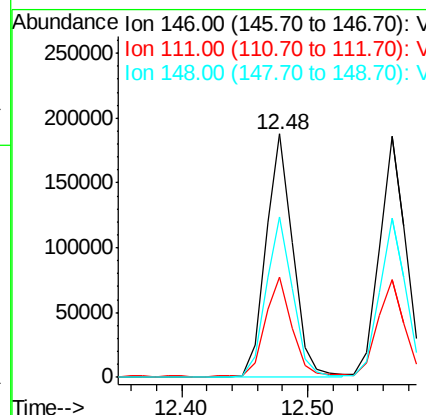
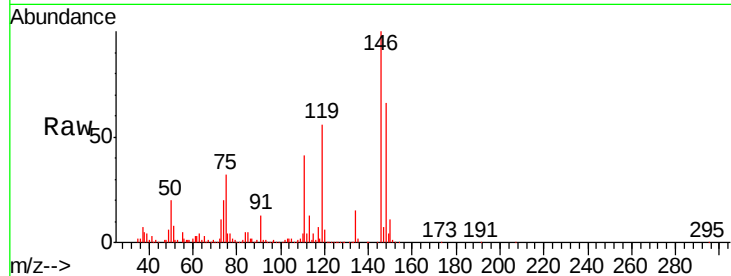
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 280303 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 41.4  | 19.3  | 57.9   |
| 148       | 65.7  | 32.4  | 97.2   |

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#88

1,4-Dichlorobenzene

Concen: 49.854 ug/l

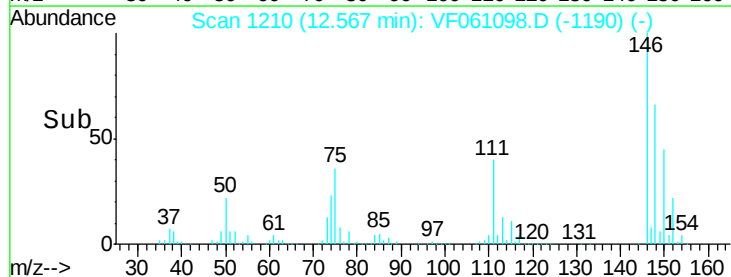
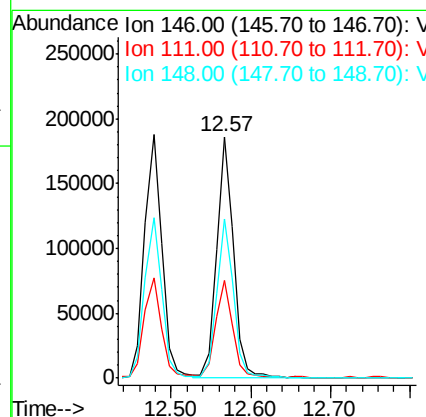
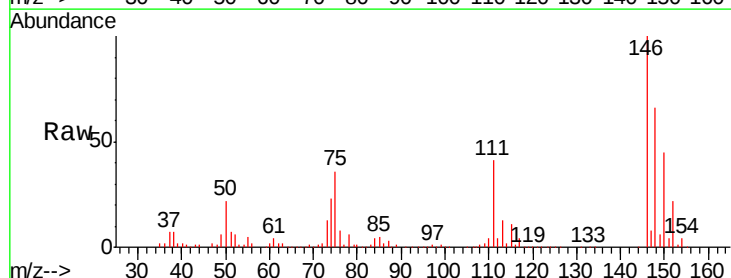
RT: 12.57 min Scan# 1210

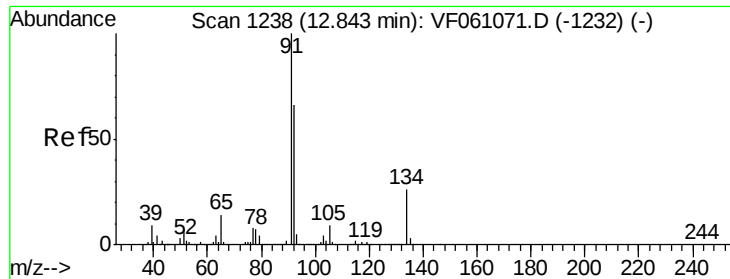
Delta R.T. -0.00 min

Lab File: VF061098.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 278278 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.7  | 19.4  | 58.4   |
| 148       | 66.0  | 32.4  | 97.0   |





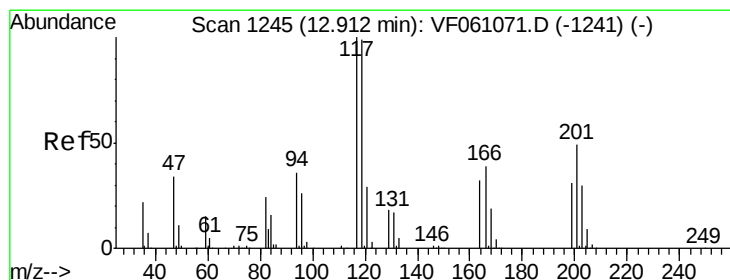
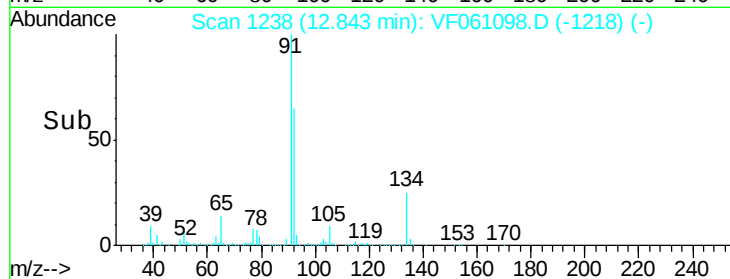
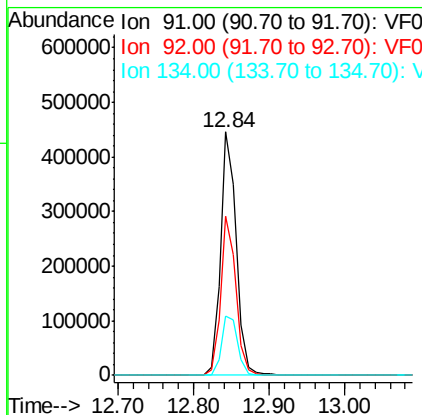
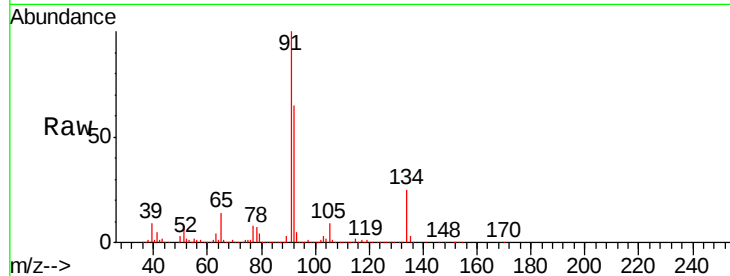
#89  
n-Butylbenzene  
Concen: 49.325 ug/l  
RT: 12.84 min Scan# 1238  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 65.3  | 32.8  | 98.4  |
| 134     | 24.6  | 13.2  | 39.5  |

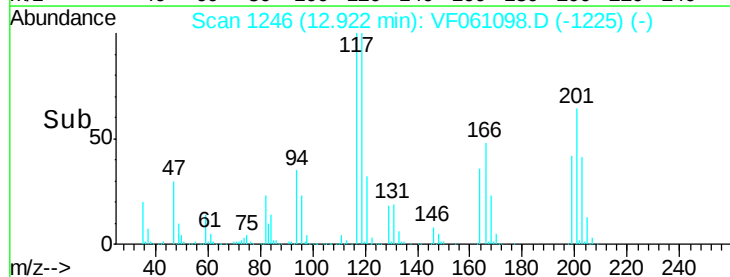
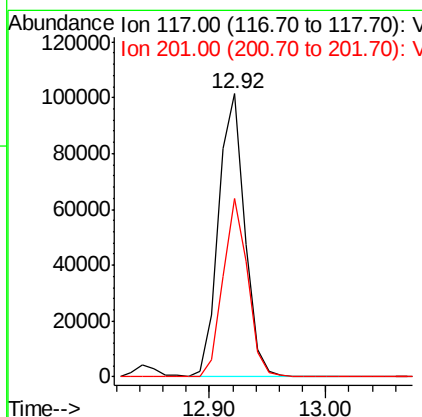
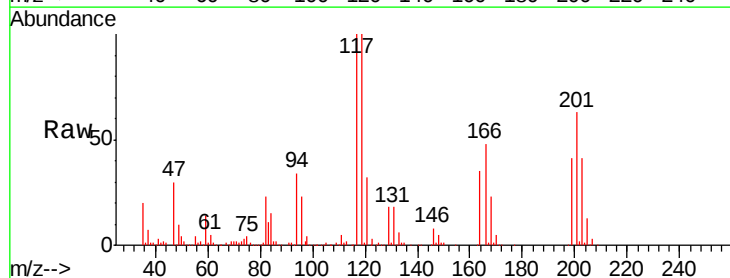
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#90  
Hexachloroethane  
Concen: 49.461 ug/l  
RT: 12.92 min Scan# 1246  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 63.2  | 24.9  | 74.8  |





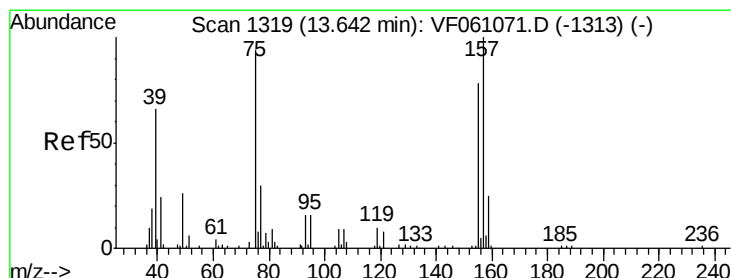
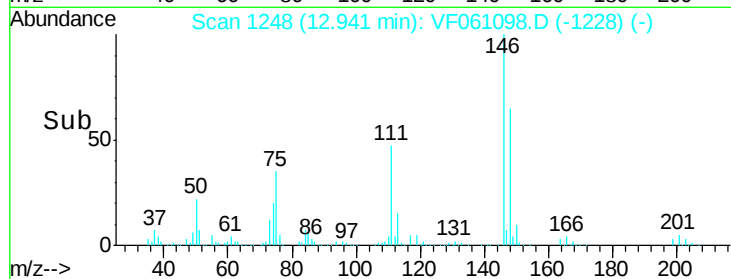
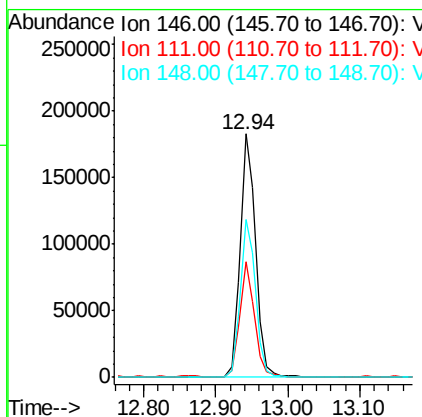
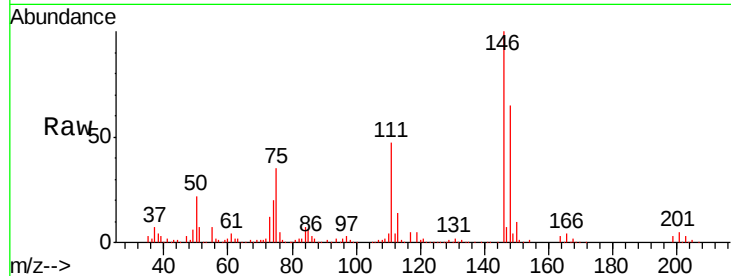
#91  
 1,2-Dichlorobenzene  
 Concen: 50.337 ug/l  
 RT: 12.94 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 273550 |       |       |
| 111     | 47.3  | 23.2   | 69.5  |       |
| 148     | 64.7  | 32.4   | 97.0  |       |

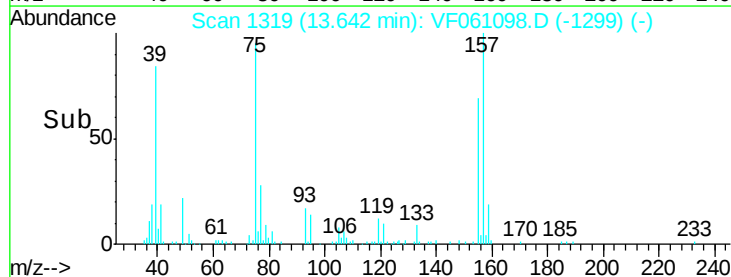
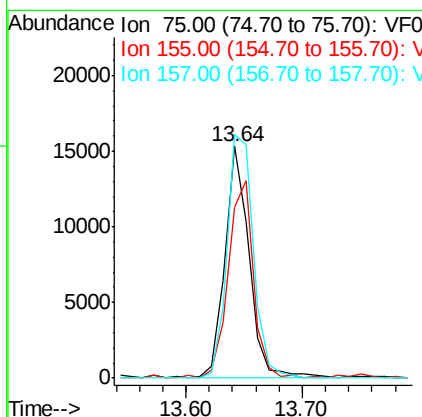
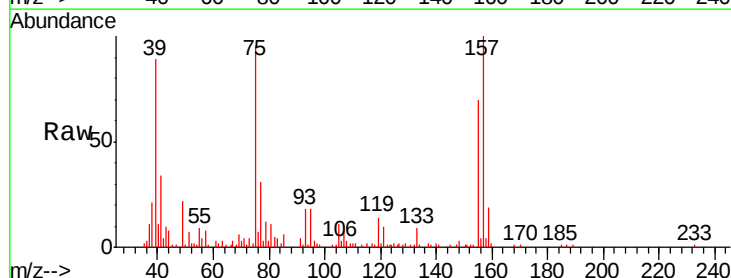
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.591 ug/l  
 RT: 13.64 min Scan# 1319  
 Delta R.T. -0.00 min  
 Lab File: VF061098.D  
 Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 22188 |       |       |
| 155     | 73.4  | 41.5  | 124.5 |       |
| 157     | 104.9 | 53.2  | 159.6 |       |





#93

1,2,4-Trichlorobenzene

Concen: 48.691 ug/l

RT: 14.20 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

Instrument :

MSVOA\_F

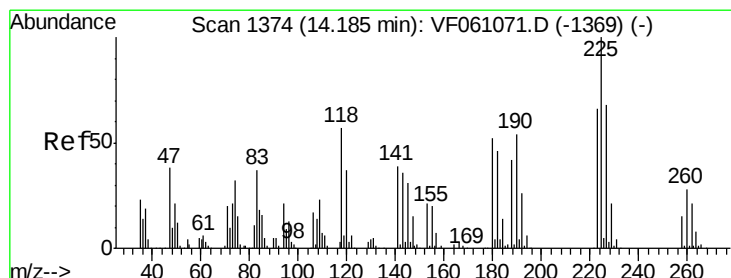
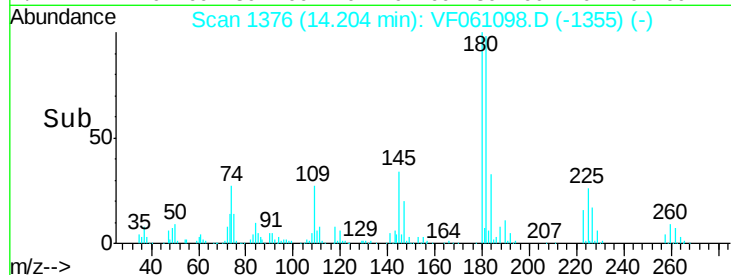
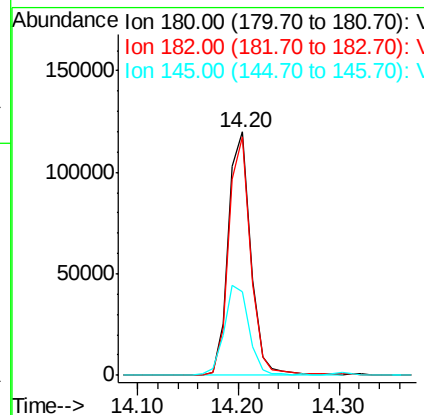
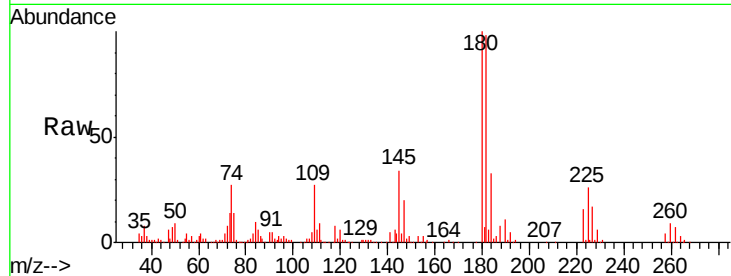
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 187658 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 98.1  | 46.9  | 140.6  |
| 145       | 34.1  | 20.5  | 61.6   |

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#94

Hexachlorobutadiene

Concen: 49.284 ug/l

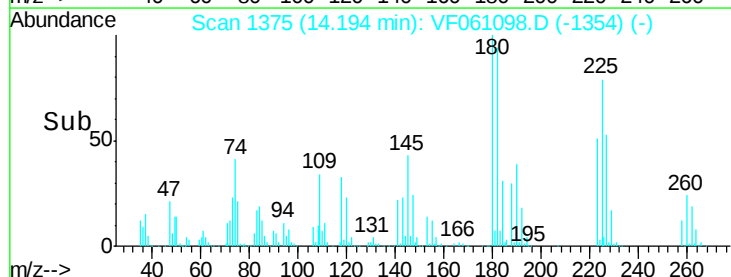
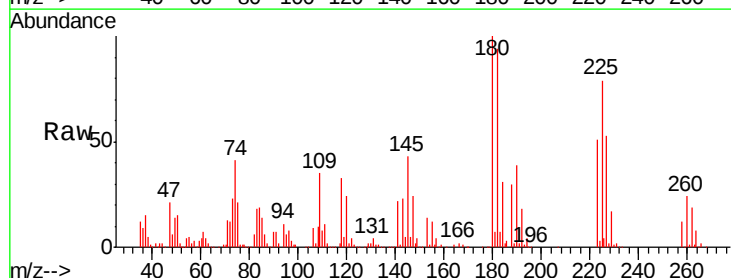
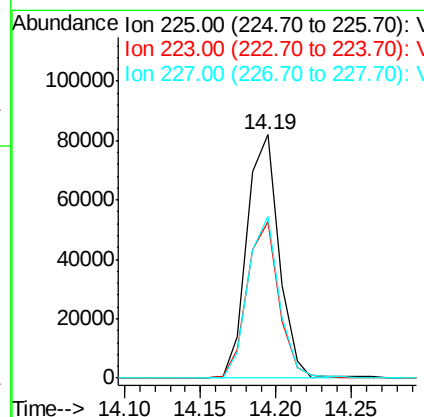
RT: 14.19 min Scan# 1375

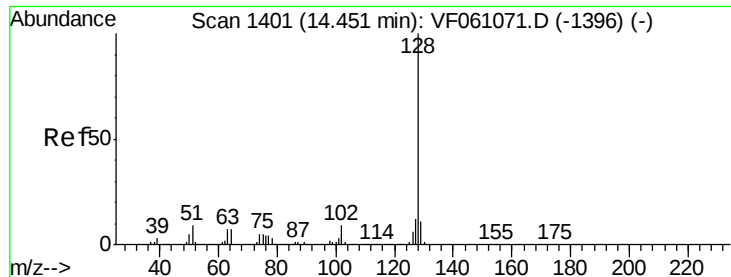
Delta R.T. 0.01 min

Lab File: VF061098.D

Acq: 19 Dec 2018 21:29

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 120977 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.3  | 32.8  | 98.3   |
| 227       | 66.6  | 34.0  | 101.8  |





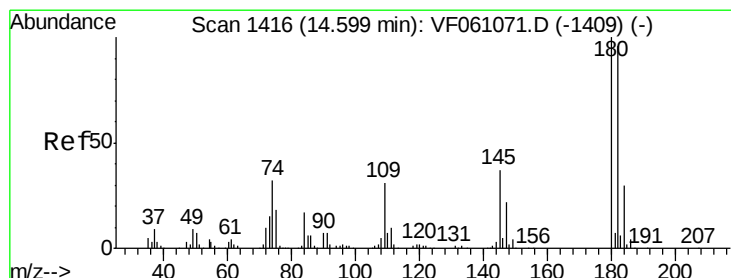
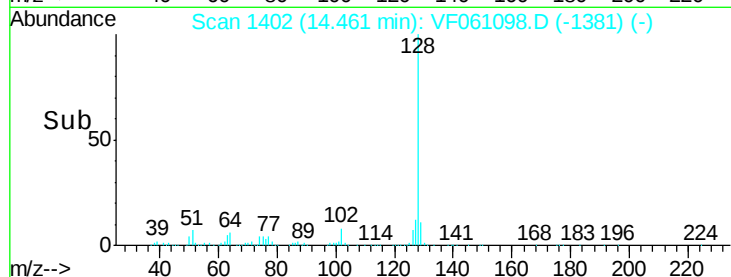
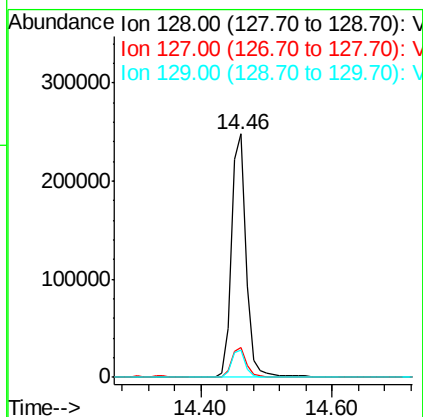
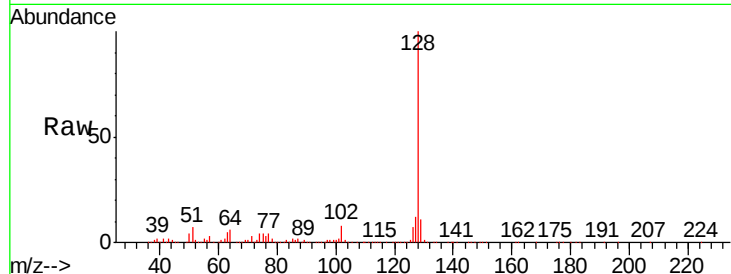
#95  
Naphthalene  
Concen: 55.602 ug/l  
RT: 14.46 min Scan# 1402  
Delta R.T. 0.01 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 391307 |       |       |
| 127     | 12.1  | 9.4    | 14.2  |       |
| 129     | 11.4  | 8.8    | 13.2  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.073 ug/l  
RT: 14.60 min Scan# 1416  
Delta R.T. -0.00 min  
Lab File: VF061098.D  
Acq: 19 Dec 2018 21:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 178404 |       |       |
| 182     | 91.4  | 47.9   | 143.8 |       |
| 145     | 37.8  | 18.6   | 55.8  |       |

