

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF082218\  
 Data File : VF060032.D  
 Acq On : 22 Aug 2018 11:16  
 Operator : VA/AP  
 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_F/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 23 04:23:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 04:43:43 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.06  | 168  | 234368   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.79  | 114  | 365924   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.94  | 117  | 366172   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.65 | 152  | 213977   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |        |      |
|-----------------------------|--------|-----|----------|-------|--------|------|
| System Monitoring Compounds |        |     |          |       |        |      |
| 33) 1,2-Dichloroethane-d4   | 5.04   | 65  | 151176   | 47.13 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.26% |      |
| 35) Dibromofluoromethane    | 4.31   | 113 | 143560   | 49.96 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.92% |      |
| 50) Toluene-d8              | 7.73   | 98  | 390545   | 47.86 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.72% |      |
| 62) 4-Bromofluorobenzene    | 11.53  | 95  | 201034   | 46.57 | ug/l   | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.14% |      |

| Target Compounds              |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.96 | 85  | 136434 | 44.217  | ug/l   | 98     |
| 3) Chloromethane              | 1.08 | 50  | 100172 | 50.018  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.13 | 62  | 92628  | 48.350  | ug/l   | 98     |
| 5) Bromomethane               | 1.32 | 94  | 70777  | 48.618  | ug/l   | 98     |
| 6) Chloroethane               | 1.39 | 64  | 40392  | 53.487  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.49 | 101 | 203168 | 52.737  | ug/l   | 96     |
| 8) Diethyl Ether              | 1.71 | 74  | 35994  | 52.260  | ug/l   | 95     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.87 | 101 | 101972 | 50.427  | ug/l   | 99     |
| 10) Methyl Iodide             | 1.93 | 142 | 139602 | 52.215  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 2.68 | 59  | 43001  | 251.994 | ug/l # | 92     |
| 12) 1,1-Dichloroethene        | 1.84 | 96  | 75306  | 50.546  | ug/l   | 95     |
| 13) Acrolein                  | 2.09 | 56  | 29429  | 278.888 | ug/l   | 86     |
| 14) Allyl chloride            | 2.20 | 41  | 139243 | 52.624  | ug/l   | 95     |
| 15) Acrylonitrile             | 3.09 | 53  | 86044  | 255.515 | ug/l   | 97     |
| 16) Acetone                   | 2.34 | 43  | 247054 | 293.057 | ug/l   | 95     |
| 17) Carbon Disulfide          | 1.85 | 76  | 220240 | 47.215  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.46 | 43  | 70550  | 48.900  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 2.55 | 73  | 235244 | 49.283  | ug/l   | 99     |
| 20) Methylene Chloride        | 2.29 | 84  | 84144  | 50.760  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 2.42 | 96  | 76017  | 45.601  | ug/l   | 95     |
| 22) Diisopropyl ether         | 2.93 | 45  | 294338 | 49.678  | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.34 | 43  | 749111 | 238.660 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 3.01 | 63  | 180127 | 49.213  | ug/l   | 98     |
| 25) 2-Butanone                | 4.53 | 43  | 294754 | 269.175 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.78 | 77  | 204211 | 53.927  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 3.65 | 96  | 117493 | 49.737  | ug/l   | 97     |
| 28) Bromochloromethane        | 3.91 | 49  | 71011  | 45.953  | ug/l   | 93     |
| 29) Tetrahydrofuran           | 4.27 | 42  | 121692 | 294.344 | ug/l   | 98     |
| 30) Chloroform                | 4.05 | 83  | 250501 | 48.757  | ug/l   | 94     |
| 31) Cyclohexane               | 3.88 | 56  | 140880 | 50.513  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 4.29 | 97  | 221464 | 50.336  | ug/l   | 92     |
| 36) 1,1-Dichloropropene       | 4.48 | 75  | 166953 | 48.550  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.30 | 43  | 109440 | 53.215  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 4.19 | 117 | 192287 | 48.290  | ug/l   | 99     |

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 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 23 04:23:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 04:43:43 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 5.64  | 83   | 160029   | 49.632   | ug/l   | 91       |
| 40) Benzene                    | 4.82  | 78   | 370723   | 49.352   | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.93  | 41   | 48082    | 46.223   | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 5.14  | 62   | 182354   | 45.273   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.13  | 43   | 133486   | 51.571   | ug/l # | 100      |
| 44) Trichloroethene            | 5.69  | 130  | 117754   | 47.419   | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.42  | 63   | 112546   | 52.967   | ug/l   | 95       |
| 46) Dibromomethane             | 6.27  | 93   | 83731    | 50.360   | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.57  | 83   | 199825   | 49.758   | ug/l   | 95       |
| 48) Methyl methacrylate        | 6.89  | 41   | 84775    | 49.495   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 6.88  | 88   | 17694    | 1076.107 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone       | 8.42  | 43   | 561030   | 250.993  | ug/l   | 100      |
| 52) Toluene                    | 7.80  | 92   | 258919   | 53.972   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 180686   | 49.614   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.47  | 75   | 209812   | 51.620   | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 8.66  | 97   | 102676   | 50.656   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.78  | 69   | 126545   | 51.580   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 9.02  | 76   | 180760   | 50.739   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.80  | 63   | 46067    | 236.555  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.64  | 43   | 483089   | 267.031  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.88  | 129  | 151369   | 50.590   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.15  | 107  | 119364   | 50.145   | ug/l   | 98       |
| 64) Tetrachloroethene          | 8.32  | 164  | 117550   | 47.655   | ug/l   | 98       |
| 65) Chlorobenzene              | 9.96  | 112  | 340694   | 49.273   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.09 | 131  | 132863   | 50.662   | ug/l   | 96       |
| 67) Ethyl Benzene              | 10.06 | 91   | 602984   | 50.540   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.28 | 106  | 435864   | 113.240  | ug/l   | 99       |
| 69) o-Xylene                   | 10.85 | 106  | 237415   | 50.792   | ug/l   | 92       |
| 70) Styrene                    | 10.91 | 104  | 356317   | 49.687   | ug/l   | 97       |
| 71) Bromoform                  | 10.90 | 173  | 94761    | 51.790   | ug/l   | 100      |
| 73) Isopropylbenzene           | 11.24 | 105  | 690488   | 53.609   | ug/l   | 99       |
| 74) N-amyl acetate             | 11.48 | 43   | 221457   | 55.316   | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.80 | 83   | 151853   | 53.984   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.90 | 75   | 112414   | 51.533   | ug/l   | 96       |
| 77) Bromobenzene               | 11.61 | 156  | 178875   | 51.066   | ug/l   | 100      |
| 78) n-propylbenzene            | 11.70 | 91   | 820550   | 51.616   | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.83 | 91   | 479332   | 51.277   | ug/l   | 96       |
| 80) 1,3,5-Trimethylbenzene     | 11.93 | 105  | 574336   | 51.182   | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.97 | 75   | 70535    | 70.670   | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 12.01 | 91   | 517283   | 50.969   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.23 | 119  | 580270   | 53.018   | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 12.30 | 105  | 590933   | 49.535   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.40 | 105  | 767242   | 50.355   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.55 | 119  | 655700   | 51.872   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.57 | 146  | 324312   | 50.074   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.66 | 146  | 322939   | 50.173   | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.94 | 91   | 672510   | 54.760   | ug/l   | 97       |
| 90) Hexachloroethane           | 13.00 | 117  | 150289   | 52.909   | ug/l   | 75       |
| 91) 1,2-Dichlorobenzene        | 13.03 | 146  | 321098   | 51.551   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75   | 31825    | 55.364   | ug/l   | 78       |

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Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Quant Time: Aug 23 04:23:22 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 22 04:43:43 2018  
Response via : Initial Calibration

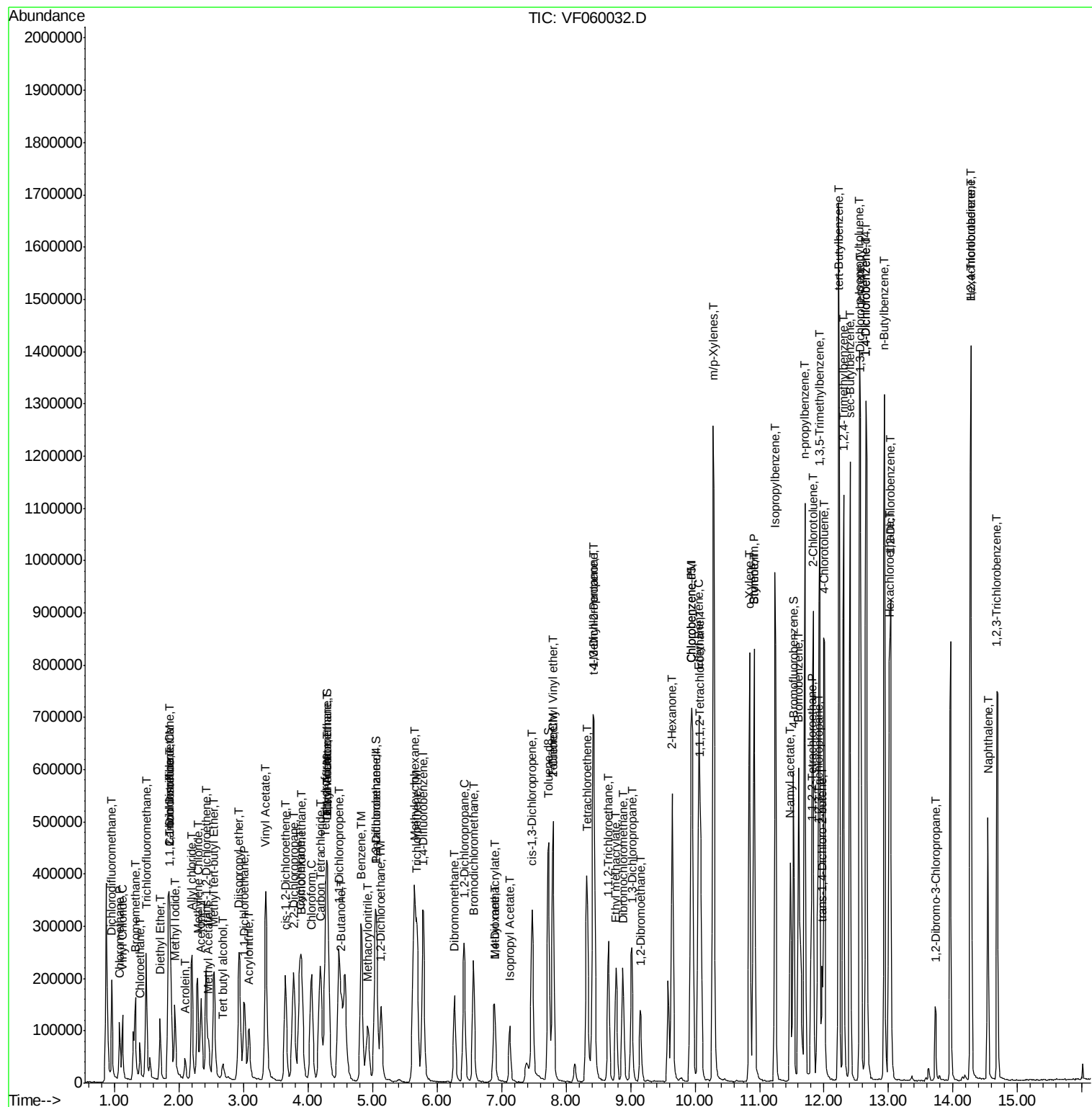
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.29 | 180  | 241952   | 52.750 | ug/l  | 93       |
| 94) Hexachlorobutadiene    | 14.27 | 225  | 152025   | 53.252 | ug/l  | 98       |
| 95) Naphthalene            | 14.54 | 128  | 383840   | 48.313 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.69 | 180  | 235224   | 53.752 | ug/l  | 99       |

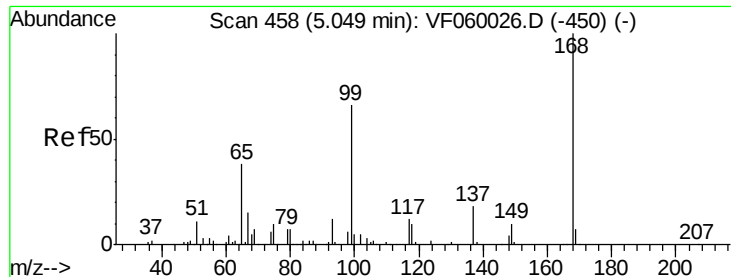
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_F\DATA\VF082218\  
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 Sample : VSTDCCC050  
 Misc : 5.00g/5mL/MSVOA\_F/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

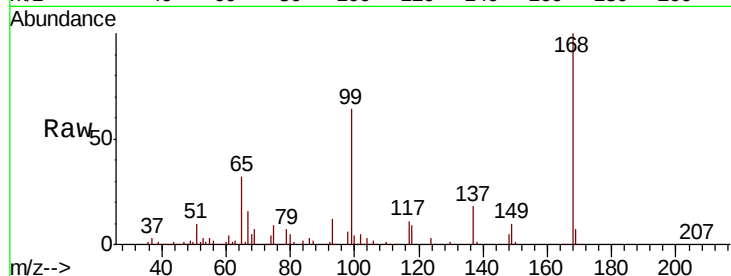
VSTDCCC050

Tgt Ion:168 Resp: 234368

Ion Ratio Lower Upper

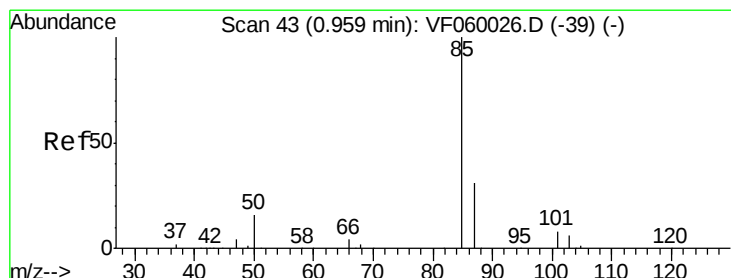
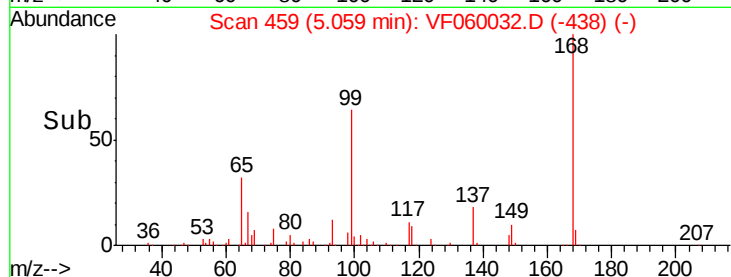
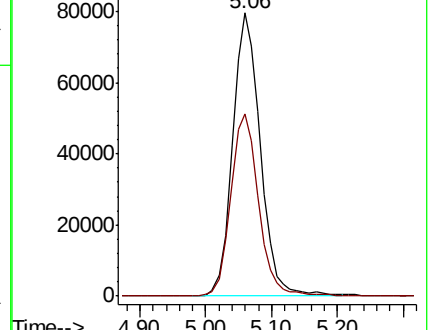
168 100

99 64.2 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#2

Dichlorodifluoromethane

Concen: 44.217 ug/l

RT: 0.96 min Scan# 43

Delta R.T. 0.00 min

Lab File: VF060032.D

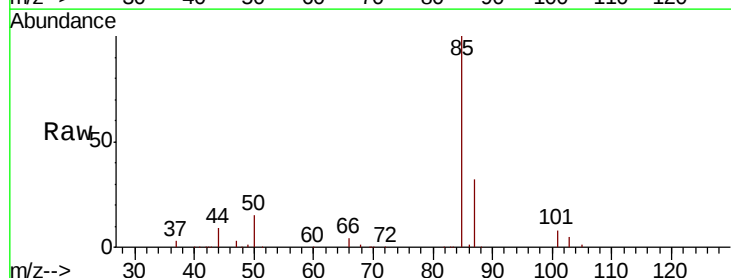
Acq: 22 Aug 2018 11:16

Tgt Ion: 85 Resp: 136434

Ion Ratio Lower Upper

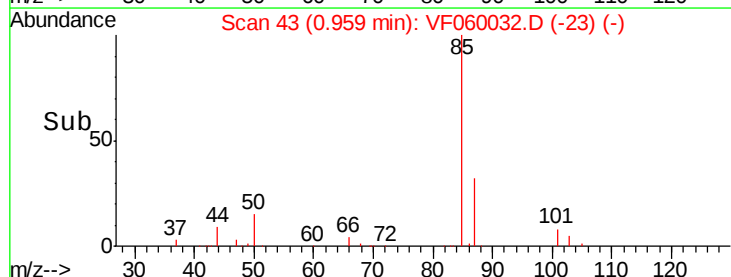
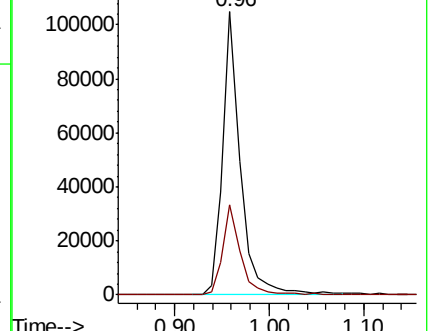
85 100

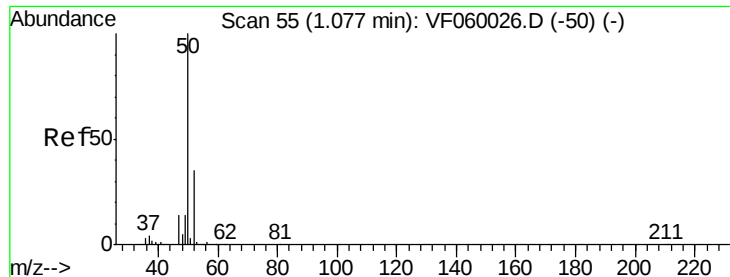
87 31.8 15.3 45.9



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0





#3

Chloromethane

Concen: 50.018 ug/l

RT: 1.08 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

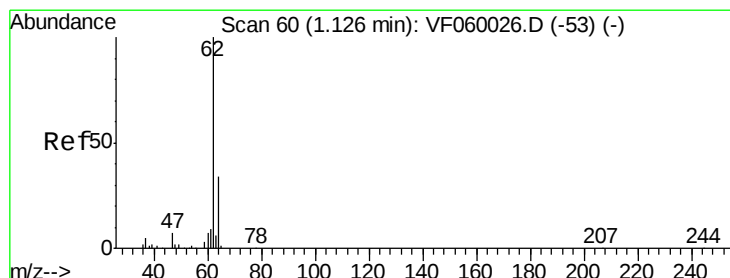
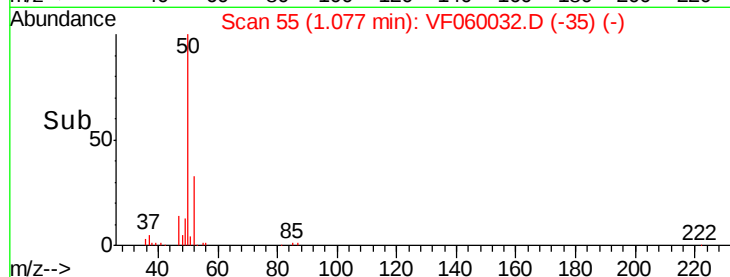
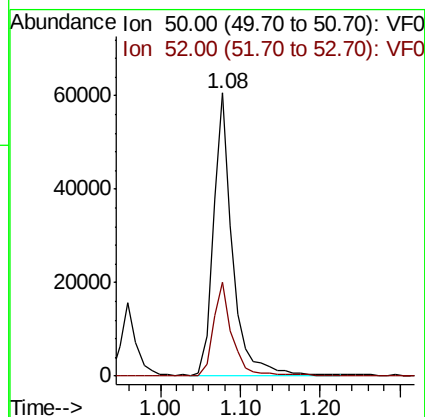
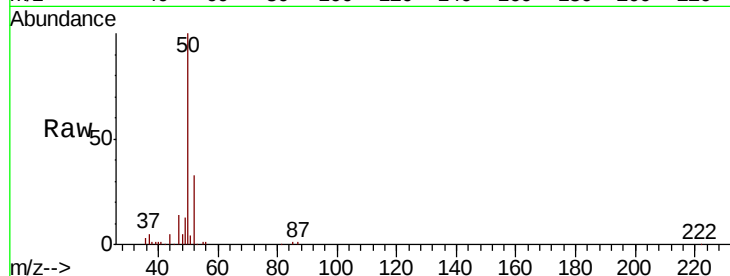
VSTDCCC050

Tgt Ion: 50 Resp: 100172

Ion Ratio Lower Upper

50 100

52 33.2 27.6 41.4



#4

Vinyl Chloride

Concen: 48.350 ug/l

RT: 1.13 min Scan# 60

Delta R.T. 0.00 min

Lab File: VF060032.D

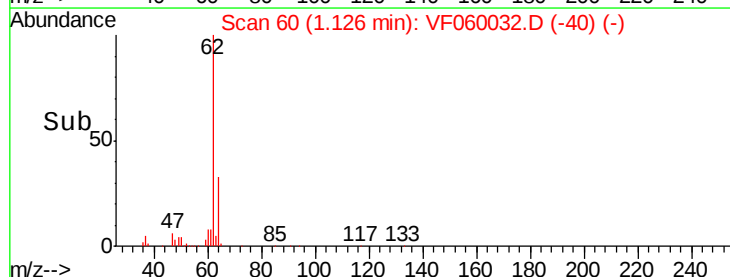
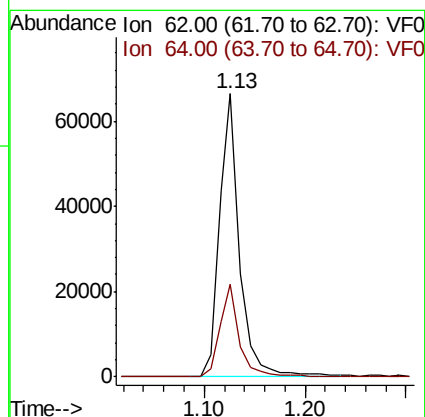
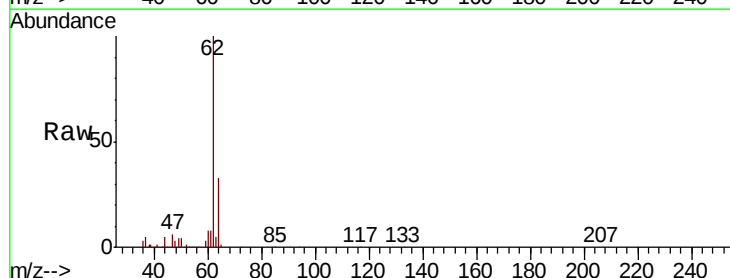
Acq: 22 Aug 2018 11:16

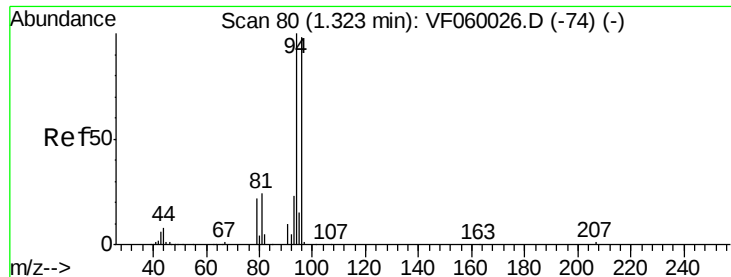
Tgt Ion: 62 Resp: 92628

Ion Ratio Lower Upper

62 100

64 32.9 27.4 41.2





#5

Bromomethane

Concen: 48.618 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

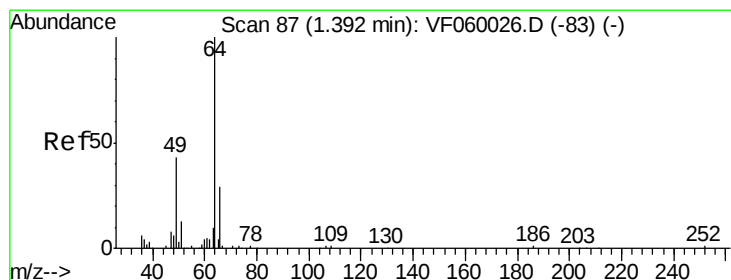
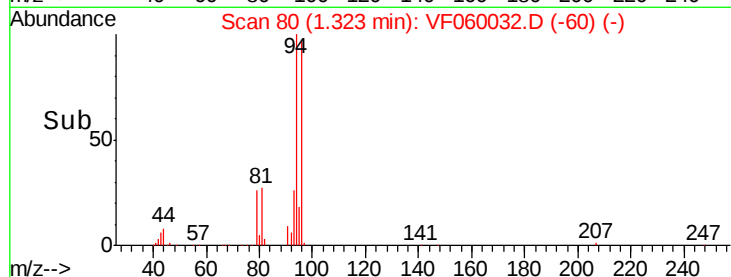
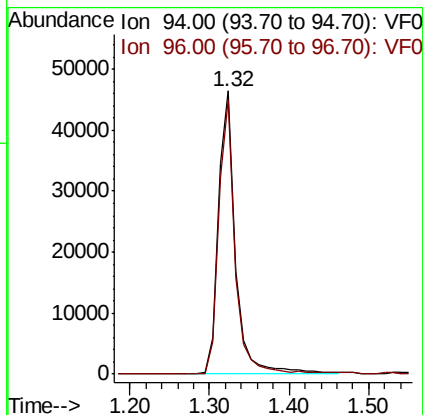
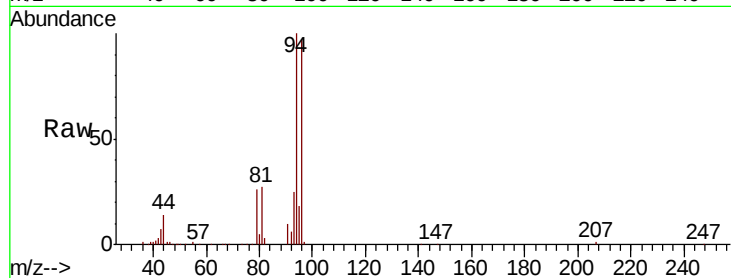
VSTDCCC050

Tgt Ion: 94 Resp: 70777

Ion Ratio Lower Upper

94 100

96 96.8 78.6 118.0



#6

Chloroethane

Concen: 53.487 ug/l

RT: 1.39 min Scan# 87

Delta R.T. 0.00 min

Lab File: VF060032.D

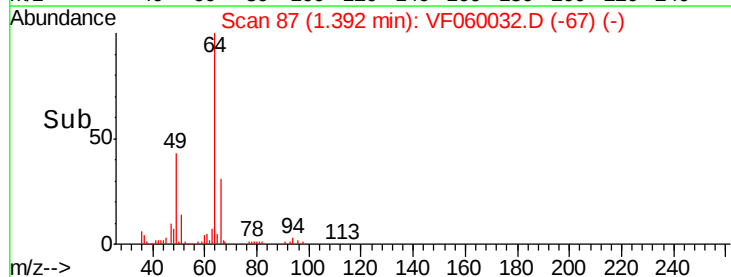
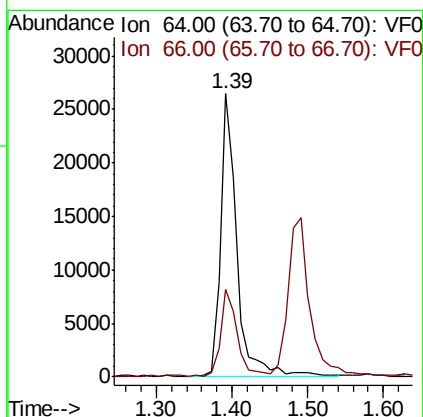
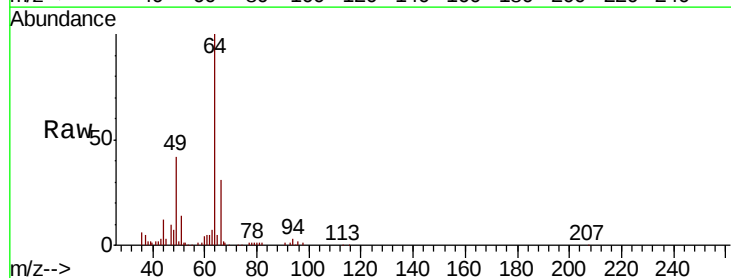
Acq: 22 Aug 2018 11:16

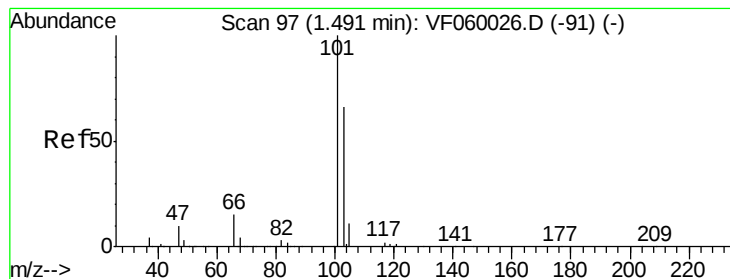
Tgt Ion: 64 Resp: 40392

Ion Ratio Lower Upper

64 100

66 30.8 24.1 36.1



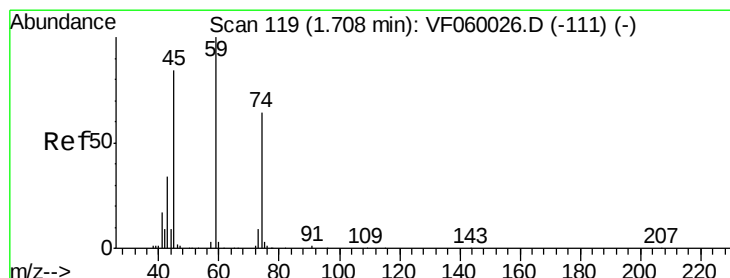
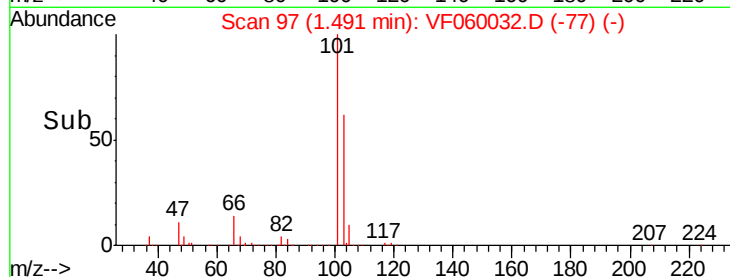
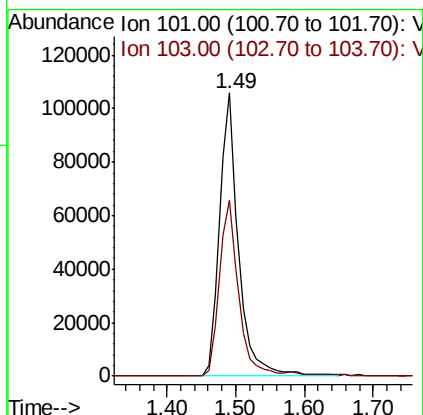
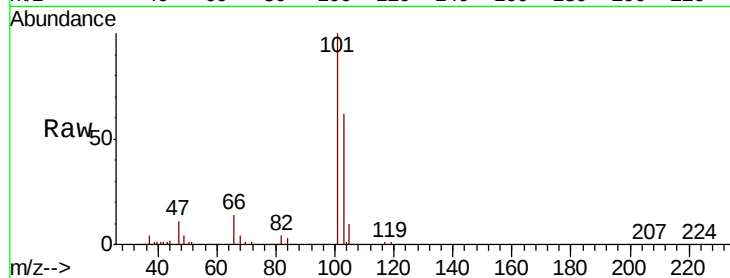


#7

Trichlorofluoromethane  
 Concen: 52.737 ug/l  
 RT: 1.49 min Scan# 97  
 Delta R.T. 0.00 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

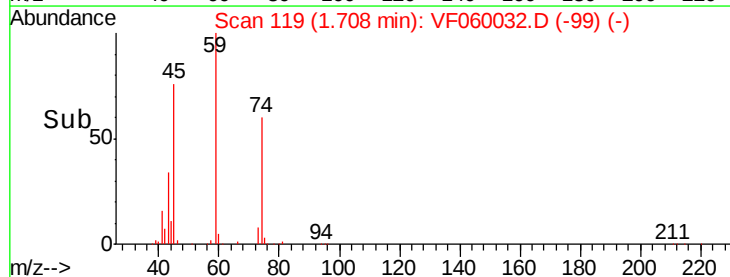
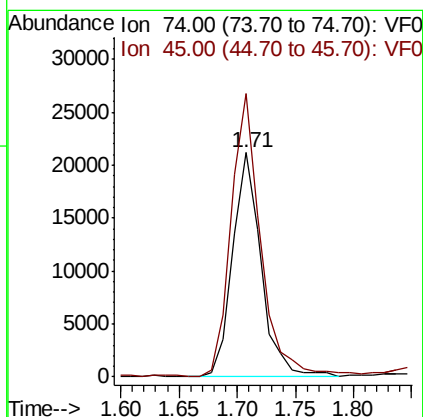
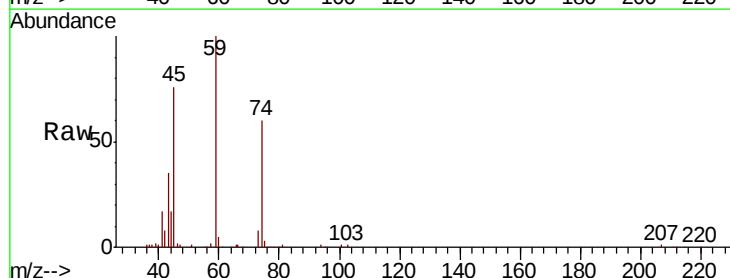
Tgt Ion: 101 Resp: 203168  
 Ion Ratio Lower Upper  
 101 100  
 103 62.3 52.5 78.7

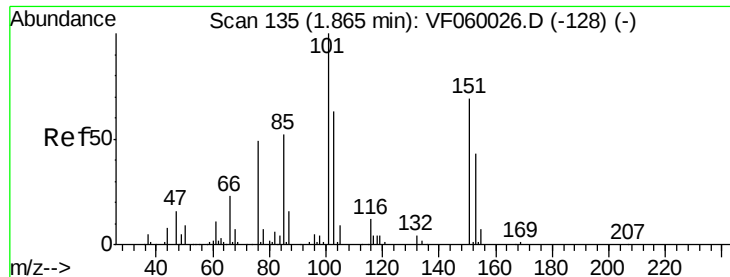


#8

Diethyl Ether  
 Concen: 52.260 ug/l  
 RT: 1.71 min Scan# 119  
 Delta R.T. 0.00 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 74 Resp: 35994  
 Ion Ratio Lower Upper  
 74 100  
 45 126.3 66.0 198.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.427 ug/l

RT: 1.87 min Scan# 135

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

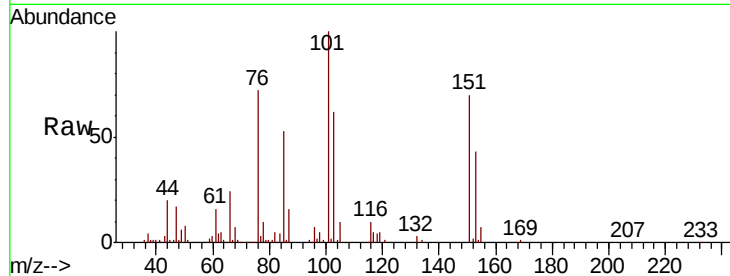
Tgt Ion:101 Resp: 101972

Ion Ratio Lower Upper

101 100

85 52.7 41.5 62.3

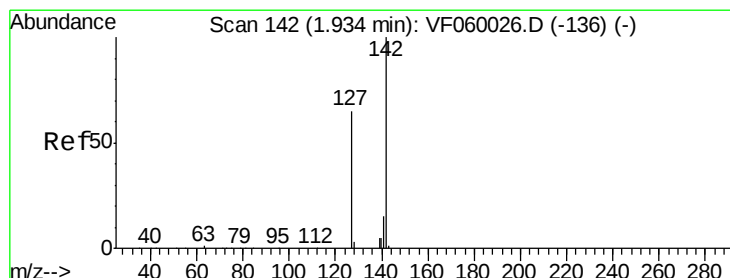
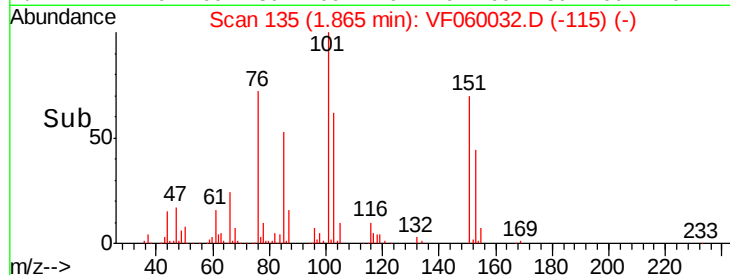
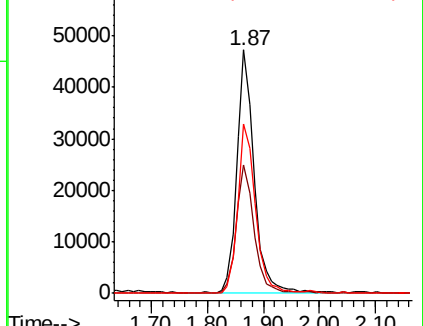
151 69.5 55.2 82.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 52.215 ug/l

RT: 1.93 min Scan# 142

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

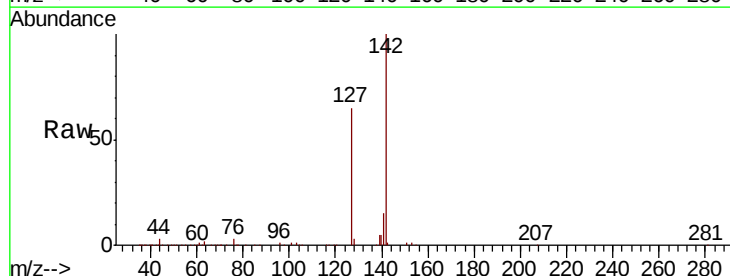
Tgt Ion:142 Resp: 139602

Ion Ratio Lower Upper

142 100

127 64.8 51.8 77.6

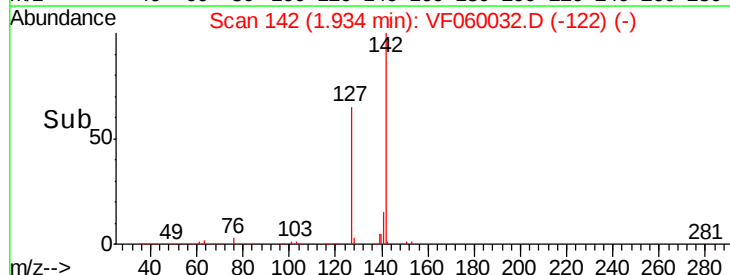
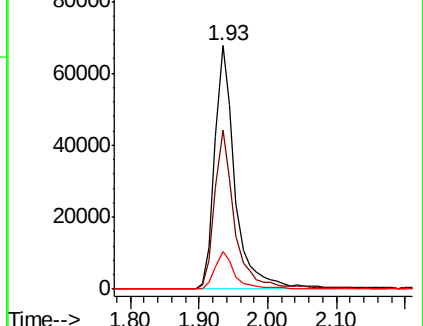
141 15.2 11.9 17.9

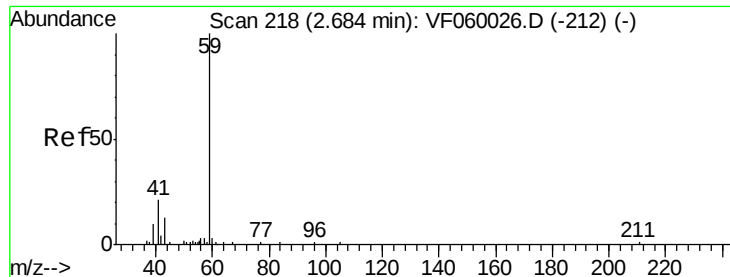


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

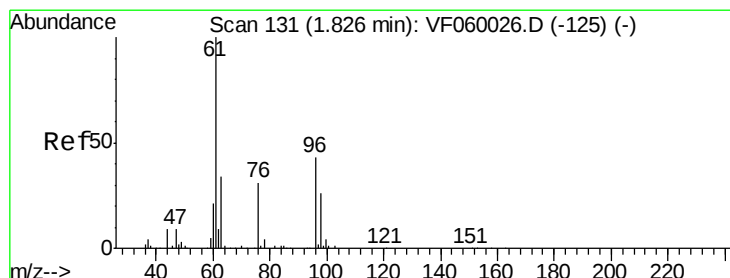
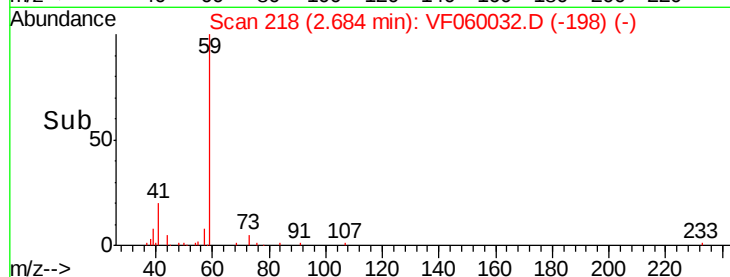
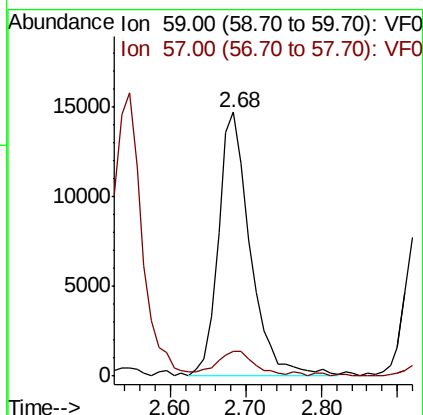
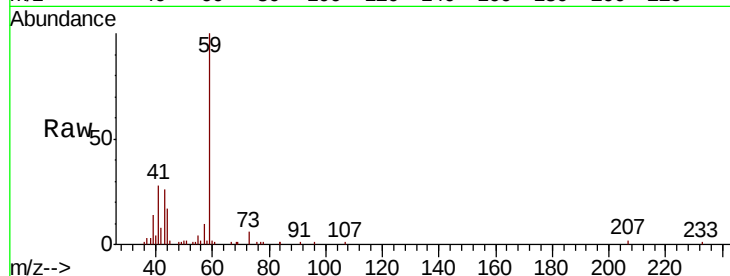




#11  
Tert butyl alcohol  
Concen: 251.994 ug/l  
RT: 2.68 min Scan# 218  
Delta R.T. 0.00 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

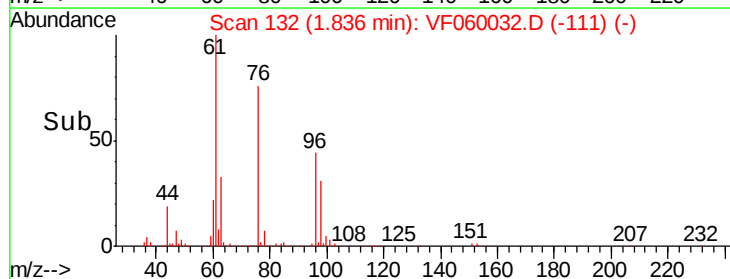
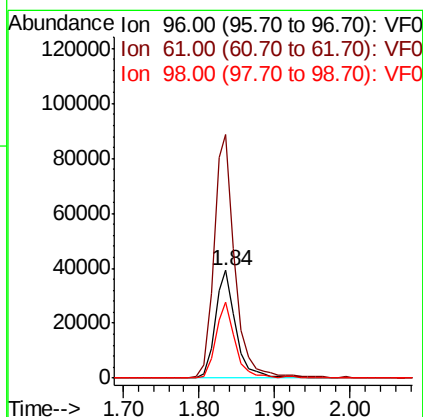
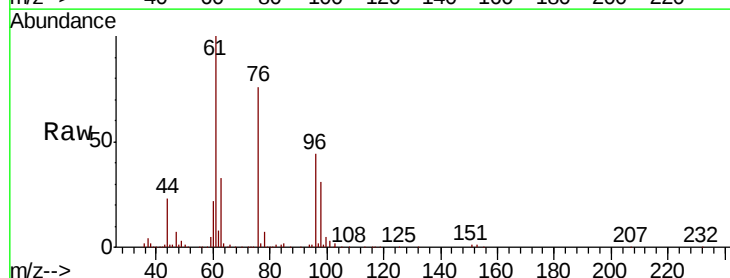
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

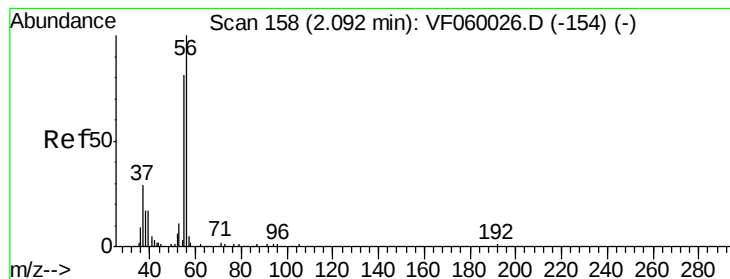
Tgt Ion: 59 Resp: 43001  
Ion Ratio Lower Upper  
59 100  
57 9.6 5.4 8.2#



#12  
1,1-Dichloroethene  
Concen: 50.546 ug/l  
RT: 1.84 min Scan# 132  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion: 96 Resp: 75306  
Ion Ratio Lower Upper  
96 100  
61 226.6 185.0 277.6  
98 70.2 47.8 71.8





#13

Acrolein

Concen: 278.888 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

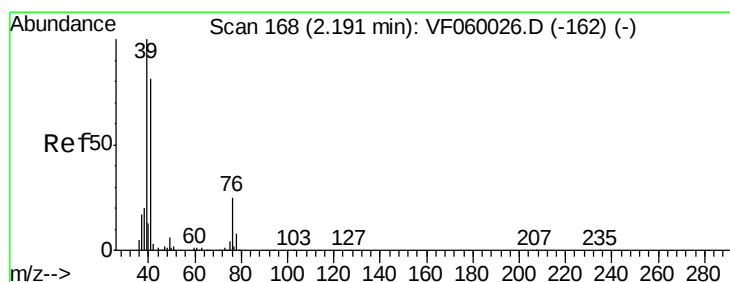
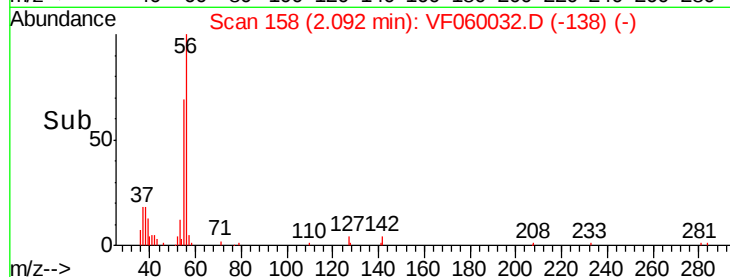
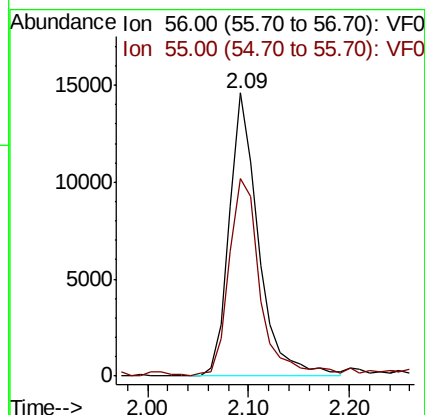
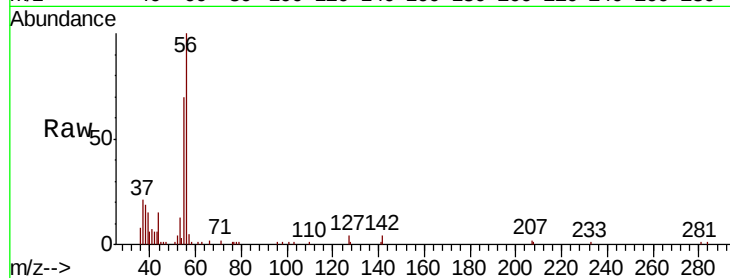
VSTDCCC050

Tgt Ion: 56 Resp: 29429

Ion Ratio Lower Upper

56 100

55 69.9 65.6 98.4



#14

Allyl chloride

Concen: 52.624 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

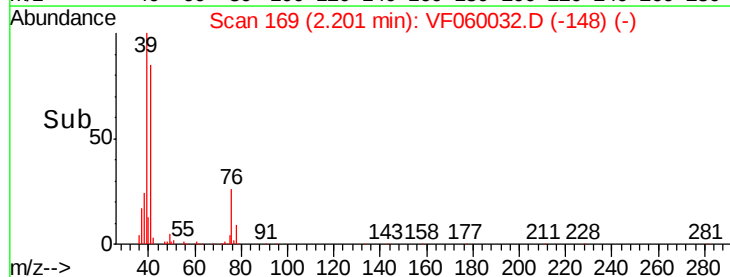
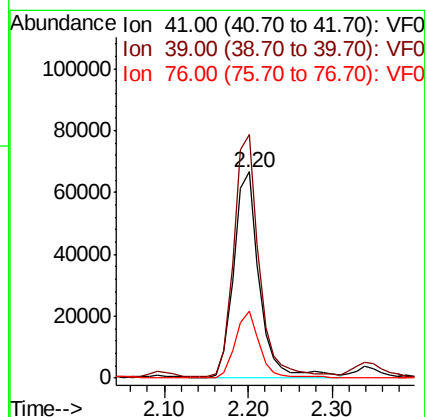
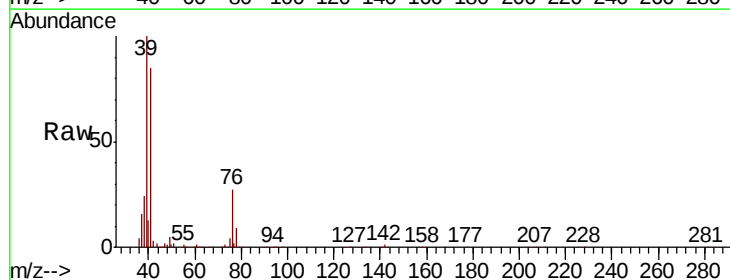
Tgt Ion: 41 Resp: 139243

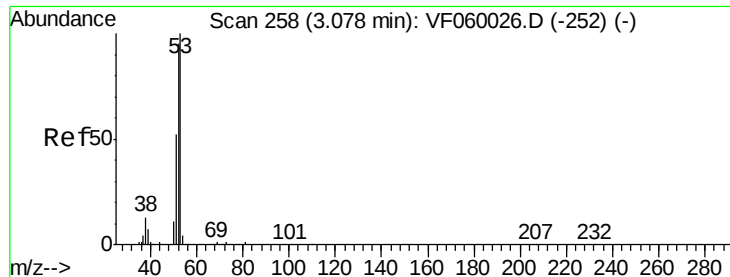
Ion Ratio Lower Upper

41 100

39 118.0 99.3 148.9

76 32.3 24.3 36.5





#15

Acrylonitrile

Concen: 255.515 ug/l

RT: 3.09 min Scan# 259

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

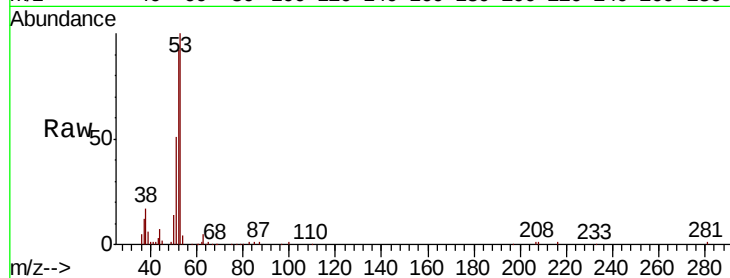
Tgt Ion: 53 Resp: 86044

Ion Ratio Lower Upper

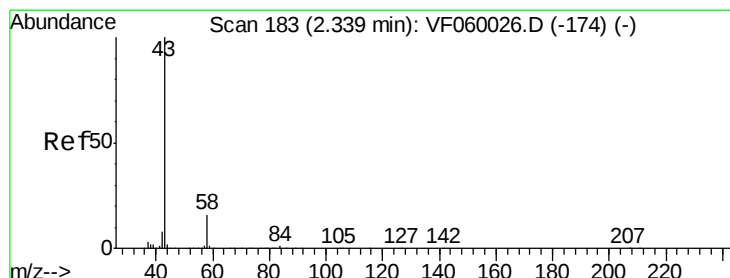
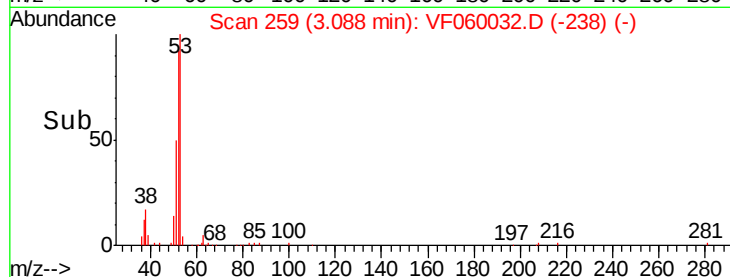
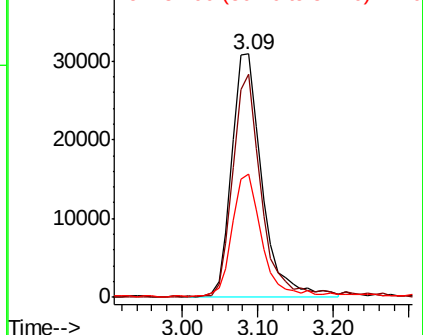
53 100

52 91.6 75.8 113.8

51 50.6 42.1 63.1



Abundance Ion 53.00 (52.70 to 53.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0  
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 293.057 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF060032.D

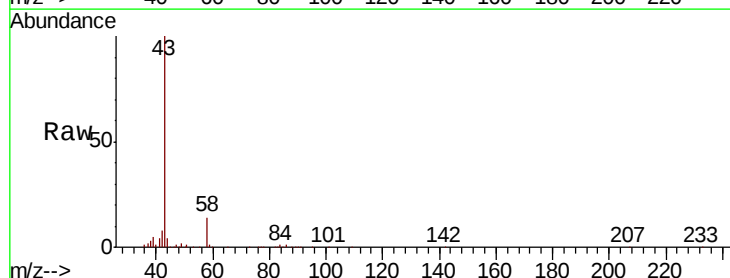
Acq: 22 Aug 2018 11:16

Tgt Ion: 43 Resp: 247054

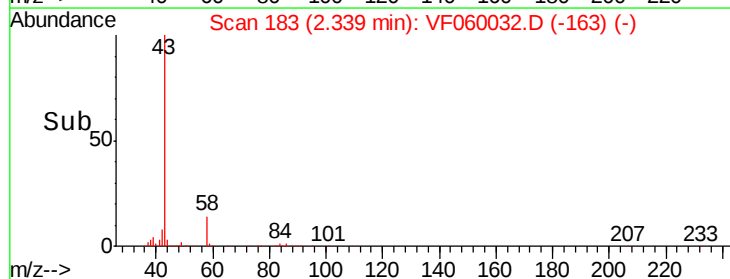
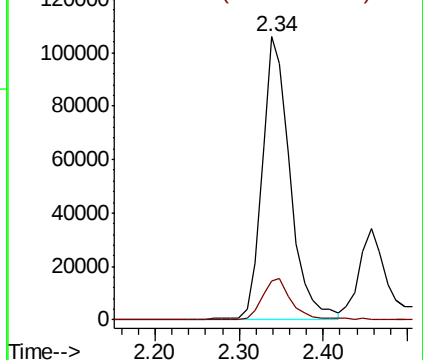
Ion Ratio Lower Upper

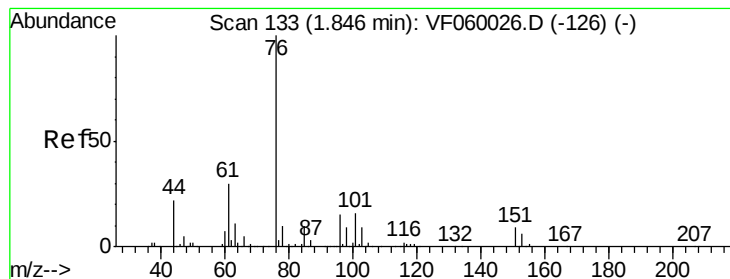
43 100

58 13.7 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 58.00 (57.70 to 58.70): VF0





#17

Carbon Disulfide

Concen: 47.215 ug/l

RT: 1.85 min Scan# 133

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

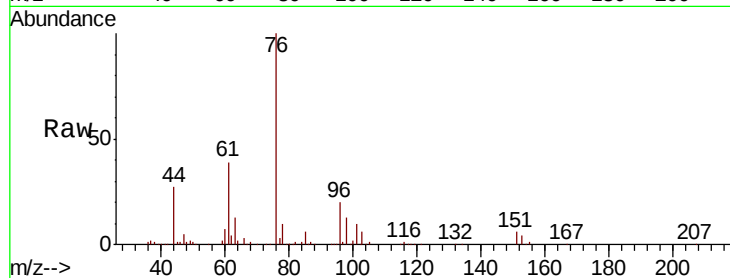
VSTDCCC050

Tgt Ion: 76 Resp: 220240

Ion Ratio Lower Upper

76 100

78 10.1 8.4 12.6



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0

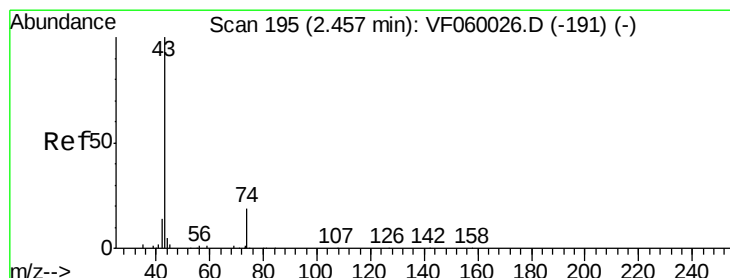
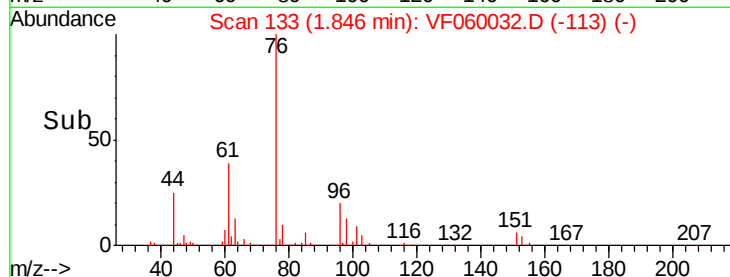
1.85

100000

50000

0

Time--> 1.70 1.80 1.90 2.00



#18

Methyl Acetate

Concen: 48.900 ug/l

RT: 2.46 min Scan# 195

Delta R.T. 0.00 min

Lab File: VF060032.D

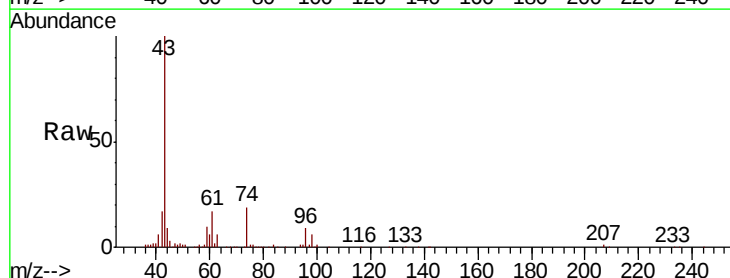
Acq: 22 Aug 2018 11:16

Tgt Ion: 43 Resp: 70550

Ion Ratio Lower Upper

43 100

74 19.1 13.8 20.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

40000

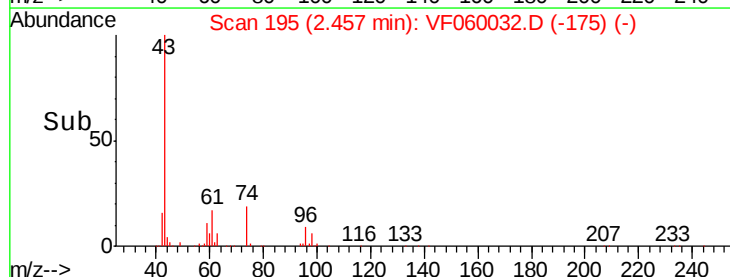
30000

20000

10000

0

Time--> 2.40 2.45 2.50



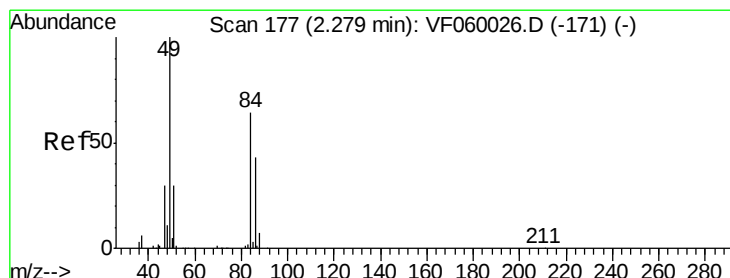
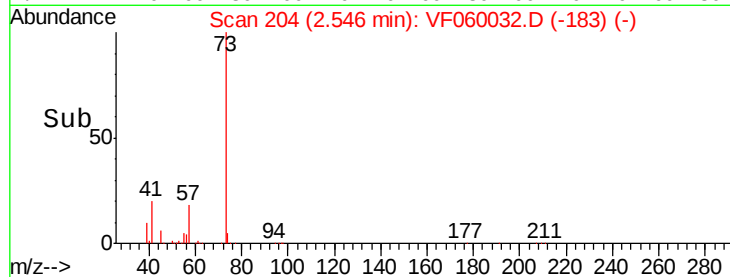
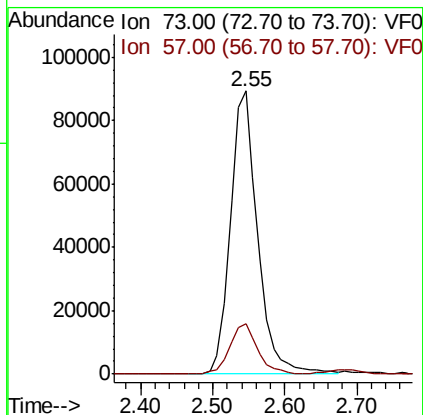
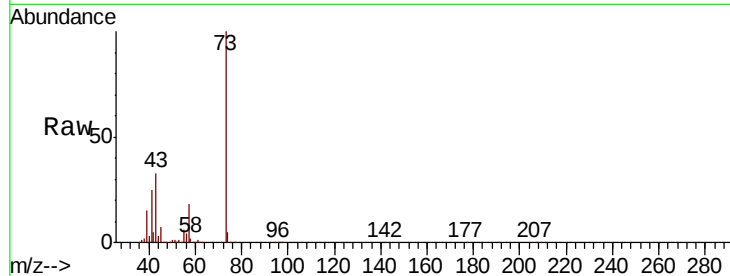


#19

Methyl tert-butyl Ether  
 Concen: 49.283 ug/l  
 RT: 2.55 min Scan# 204  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

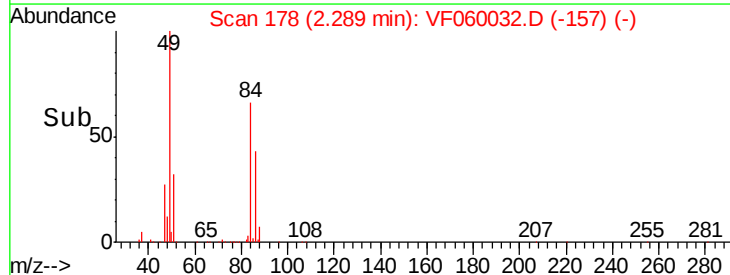
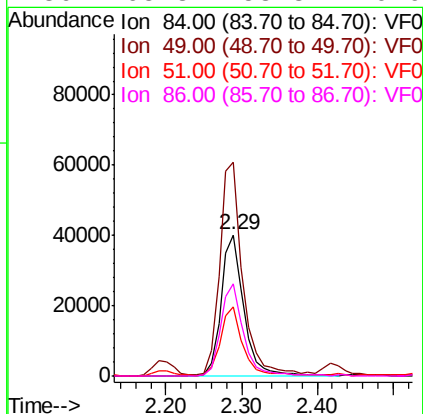
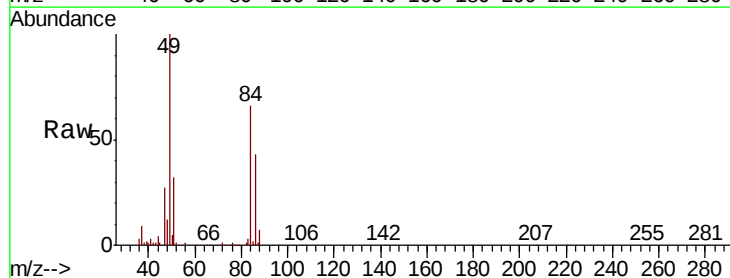
Tgt Ion: 73 Resp: 235244  
 Ion Ratio Lower Upper  
 73 100  
 57 17.6 13.7 20.5

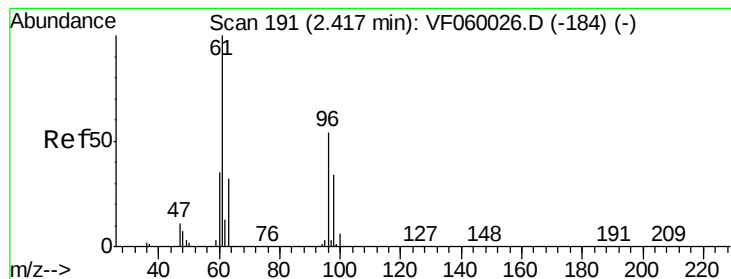


#20

Methylene Chloride  
 Concen: 50.760 ug/l  
 RT: 2.29 min Scan# 178  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 84 Resp: 84144  
 Ion Ratio Lower Upper  
 84 100  
 49 151.1 125.4 188.0  
 51 49.1 38.3 57.5  
 86 65.3 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 45.601 ug/l

RT: 2.42 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

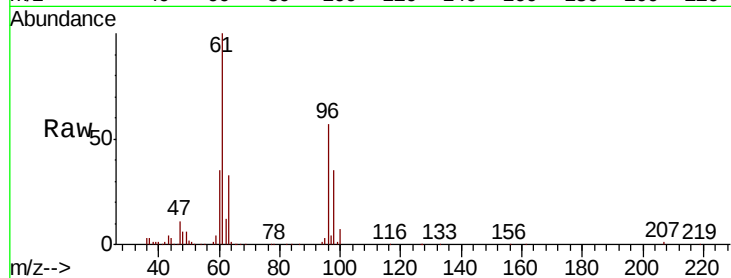
Tgt Ion: 96 Resp: 76017

Ion Ratio Lower Upper

96 100

61 174.1 147.4 221.0

98 61.6 49.8 74.6

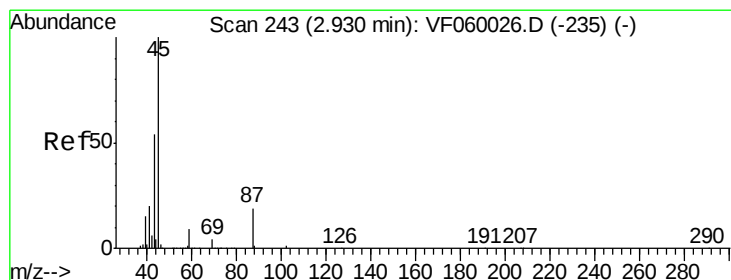
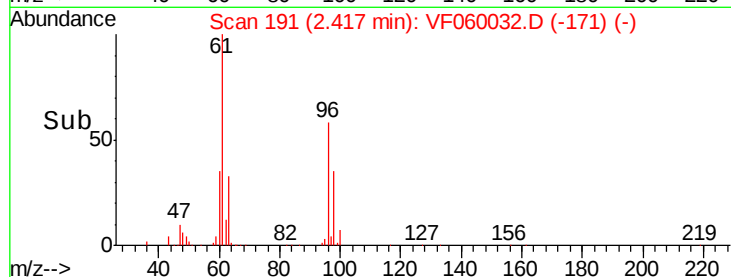
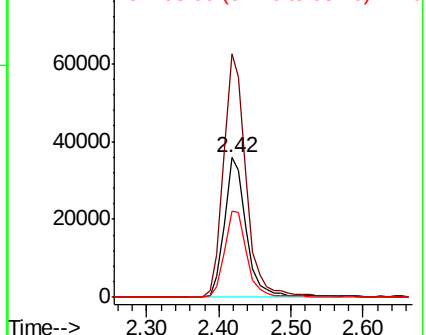


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 49.678 ug/l

RT: 2.93 min Scan# 243

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Tgt Ion: 45 Resp: 294338

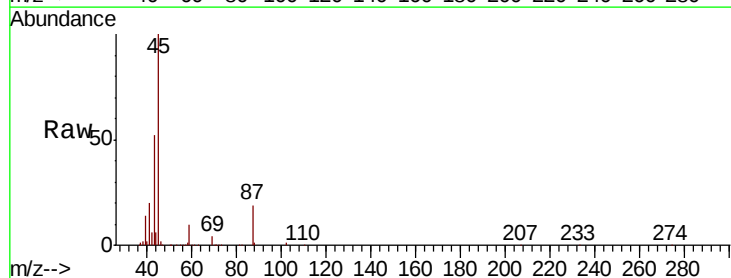
Ion Ratio Lower Upper

45 100

43 52.0 43.4 65.2

87 18.9 15.4 23.2

59 9.7 7.5 11.3



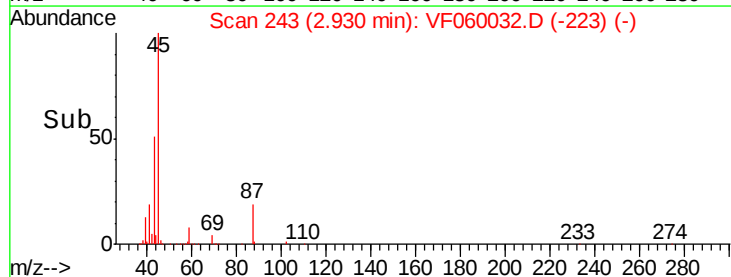
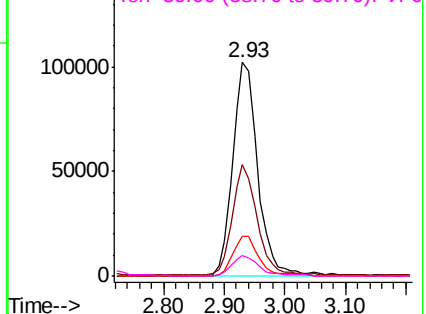
Abundance

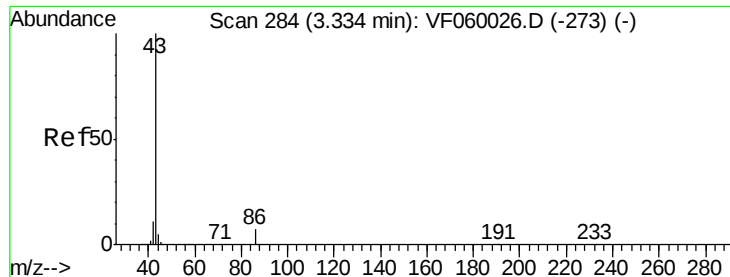
Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 238.660 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

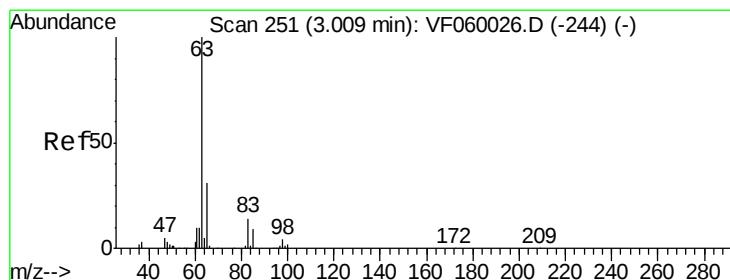
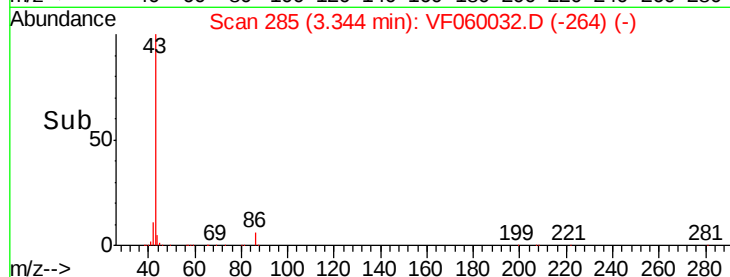
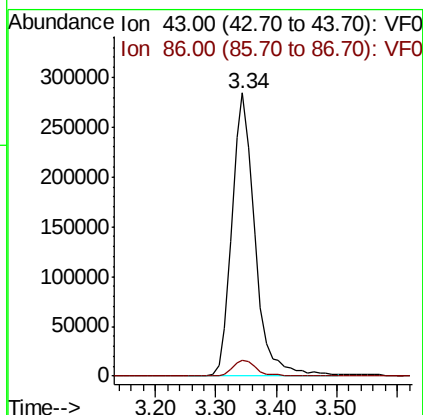
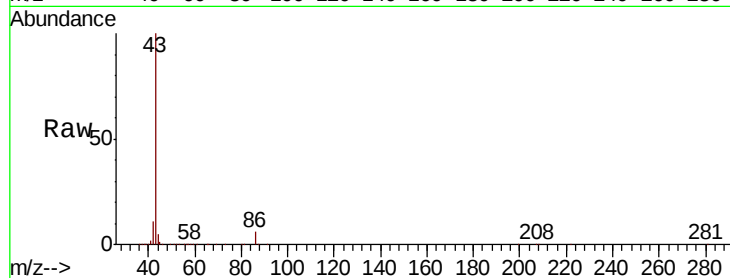
VSTDCCC050

Tgt Ion: 43 Resp: 749111

Ion Ratio Lower Upper

43 100

86 5.7 5.6 8.4



#24

1,1-Dichloroethane

Concen: 49.213 ug/l

RT: 3.01 min Scan# 251

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

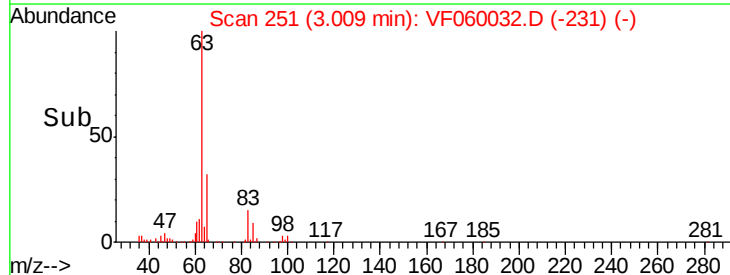
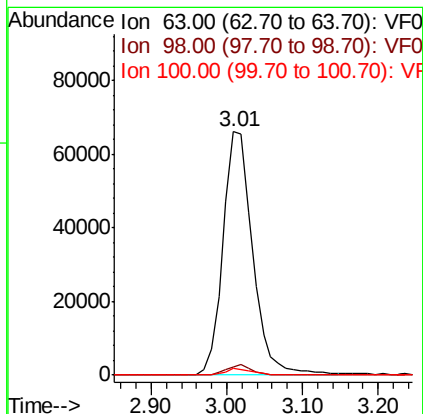
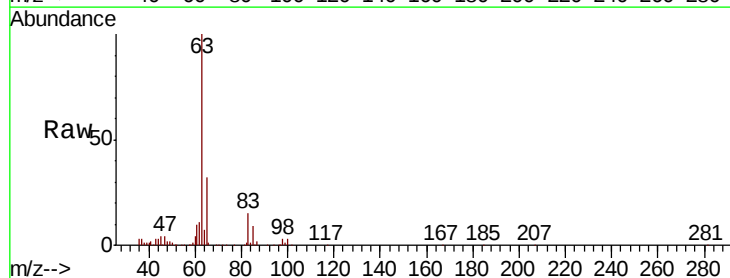
Tgt Ion: 63 Resp: 180127

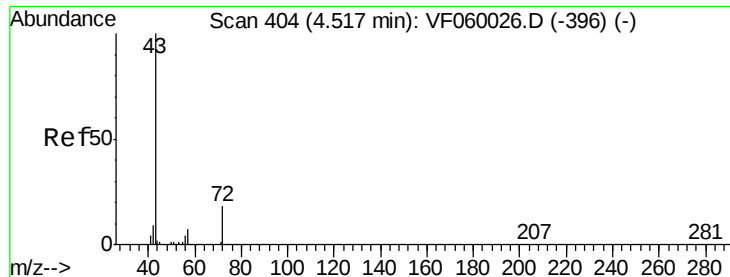
Ion Ratio Lower Upper

63 100

98 3.9 2.1 6.5

100 2.9 1.1 3.3

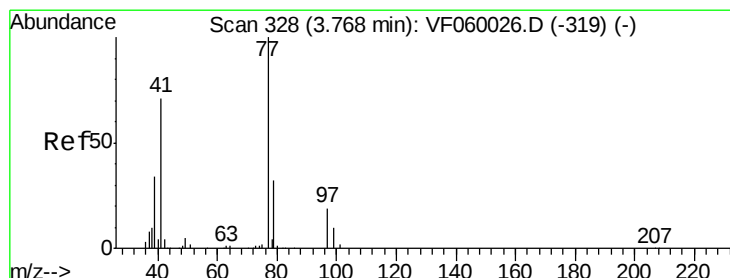
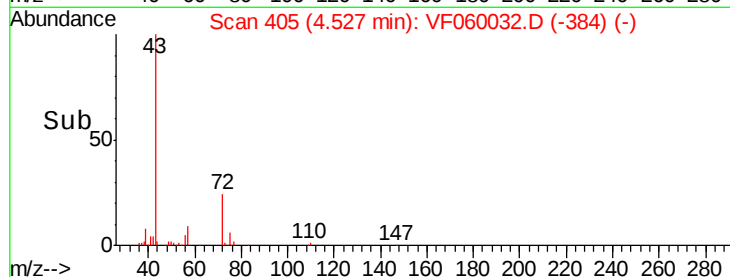
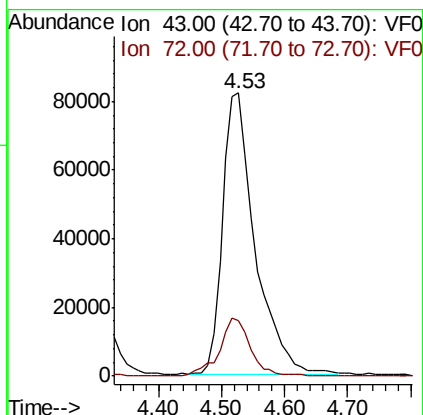
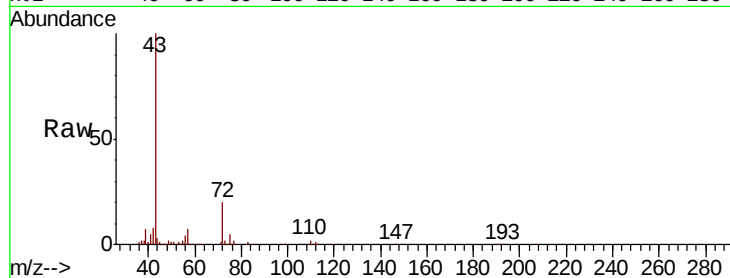




#25  
 2-Butanone  
 Concen: 269.175 ug/l  
 RT: 4.53 min Scan# 405  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

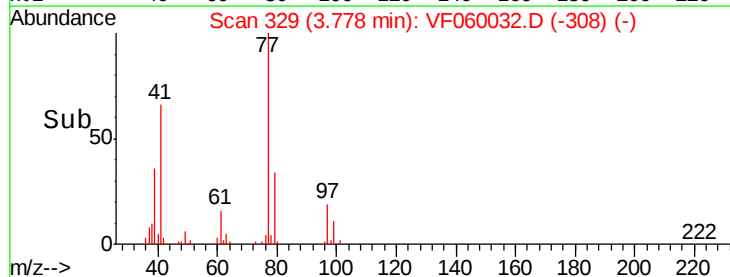
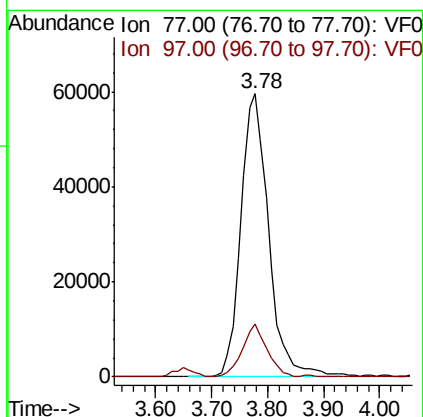
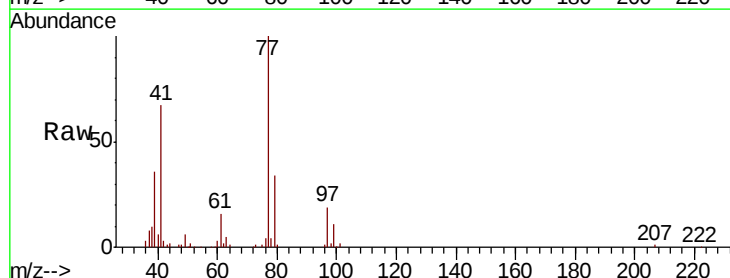
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

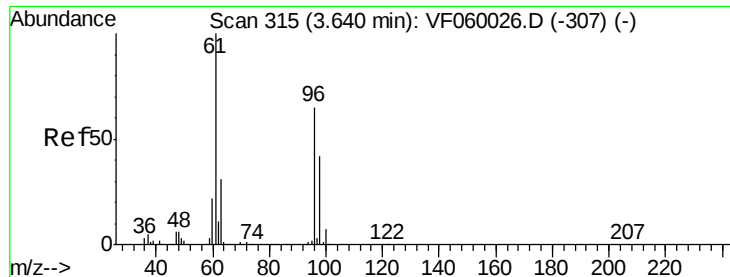
Tgt Ion: 43 Resp: 294754  
 Ion Ratio Lower Upper  
 43 100  
 72 19.8 15.0 22.6



#26  
 2,2-Dichloropropane  
 Concen: 53.927 ug/l  
 RT: 3.78 min Scan# 329  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 77 Resp: 204211  
 Ion Ratio Lower Upper  
 77 100  
 97 18.7 9.7 29.1



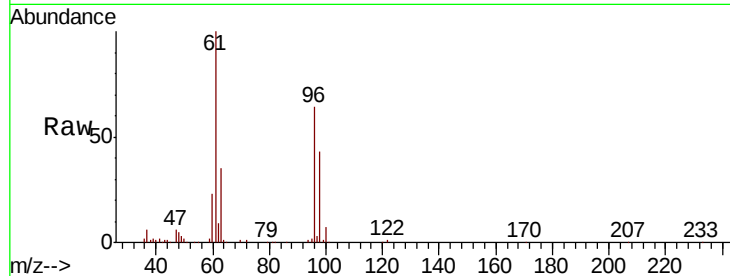


#27

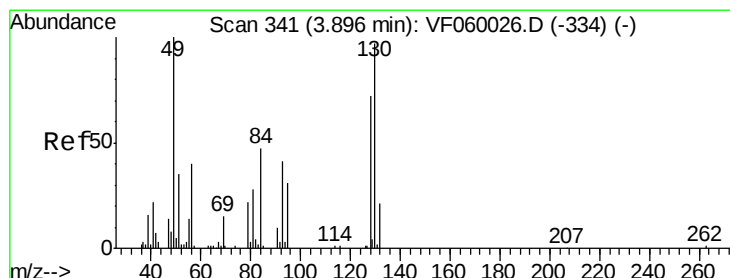
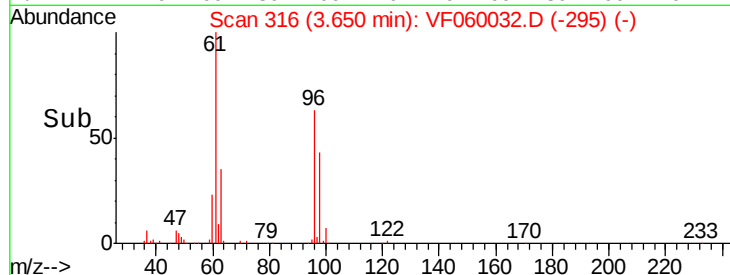
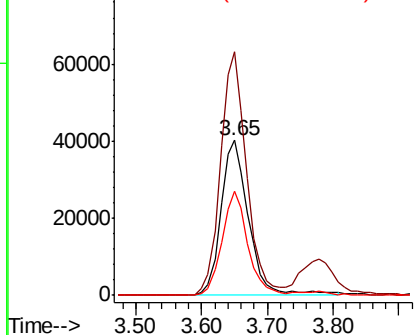
cis-1,2-Dichloroethene  
 Concen: 49.737 ug/l  
 RT: 3.65 min Scan# 316  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 96 Resp: 117493  
 Ion Ratio Lower Upper  
 96 100  
 61 157.1 0.0 307.6  
 98 67.6 0.0 128.4



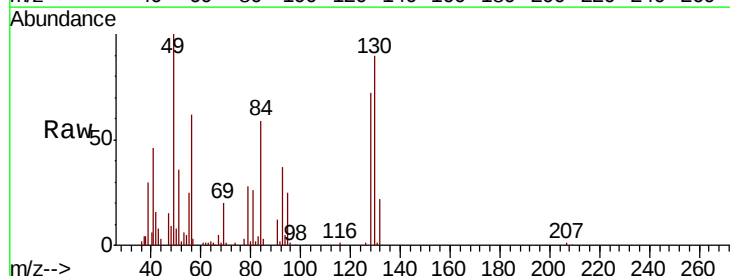
Abundance Ion 96.00 (95.70 to 96.70): VF0  
 Ion 61.00 (60.70 to 61.70): VF0  
 Ion 98.00 (97.70 to 98.70): VF0



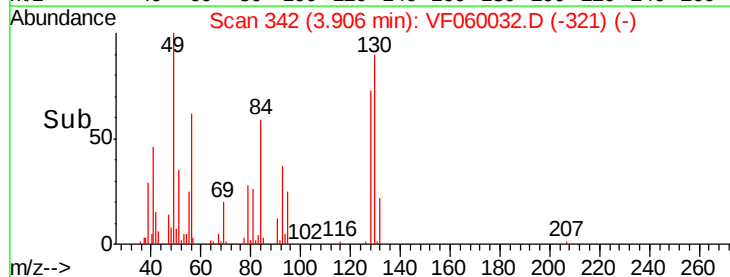
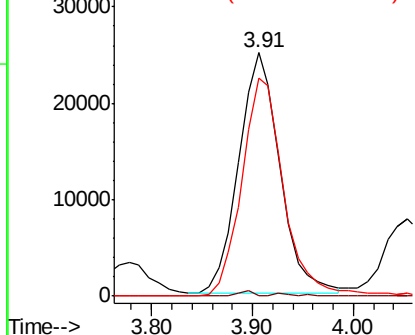
#28

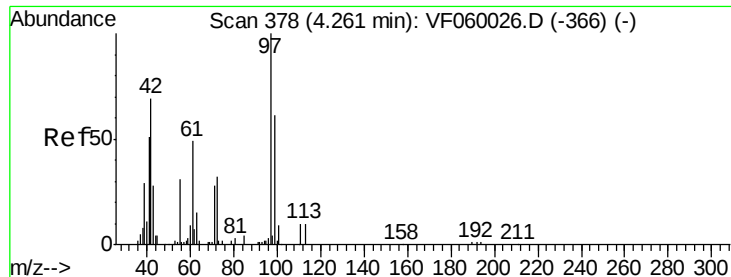
Bromochloromethane  
 Concen: 45.953 ug/l  
 RT: 3.91 min Scan# 342  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 49 Resp: 71011  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 7.4  
 130 90.6 78.0 117.0



Abundance Ion 49.00 (48.70 to 49.70): VF0  
 Ion 129.00 (128.70 to 129.70): V  
 Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 294.344 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

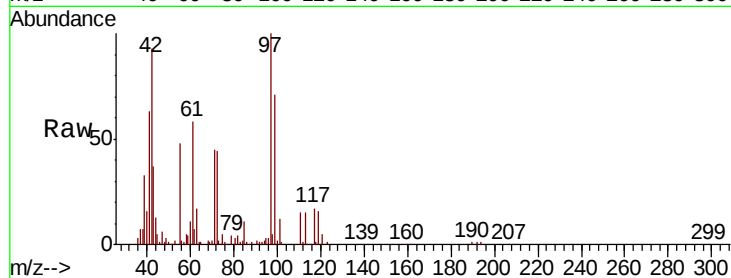
Tgt Ion: 42 Resp: 121692

Ion Ratio Lower Upper

42 100

72 39.5 31.4 47.2

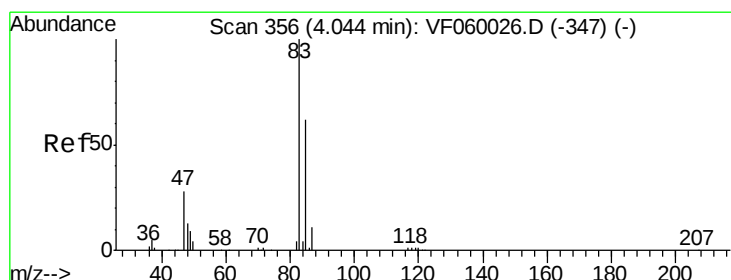
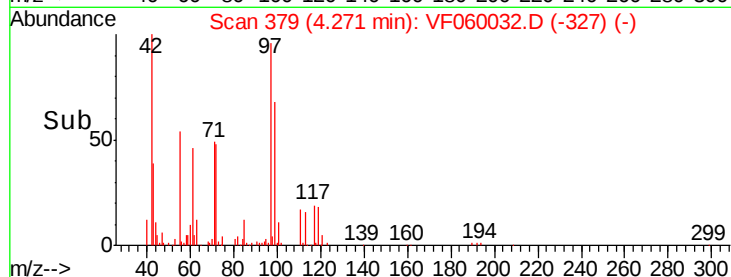
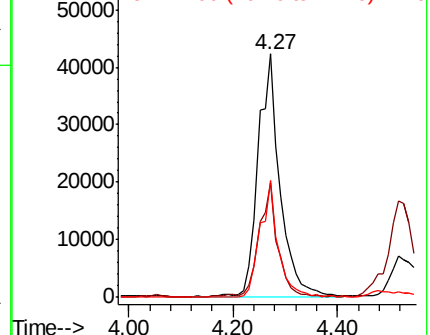
71 39.7 29.7 44.5



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 48.757 ug/l

RT: 4.05 min Scan# 357

Delta R.T. 0.01 min

Lab File: VF060032.D

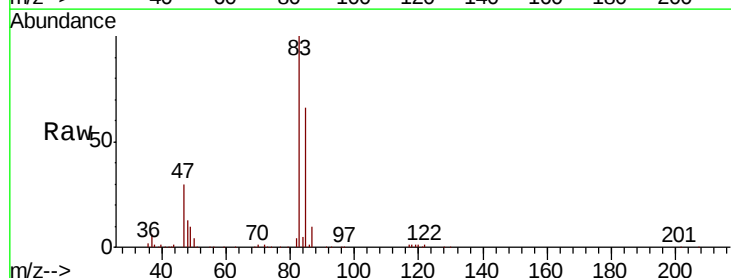
Acq: 22 Aug 2018 11:16

Tgt Ion: 83 Resp: 250501

Ion Ratio Lower Upper

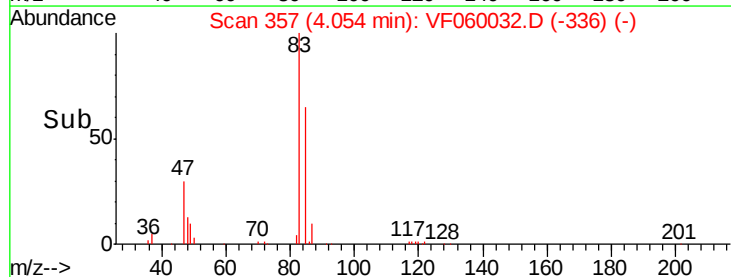
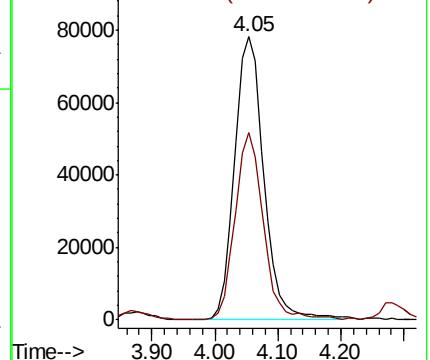
83 100

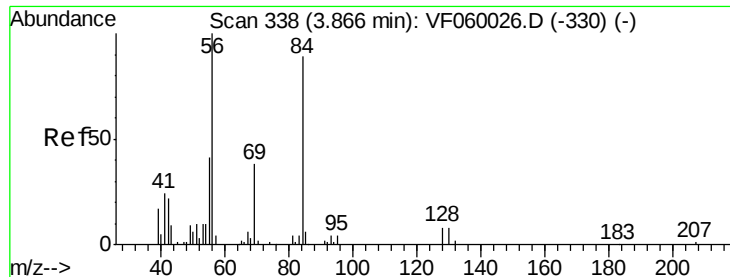
85 66.2 49.5 74.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

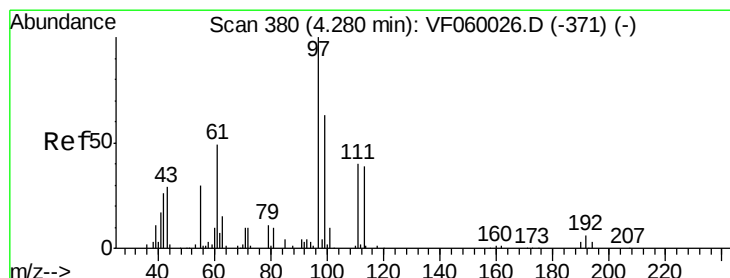
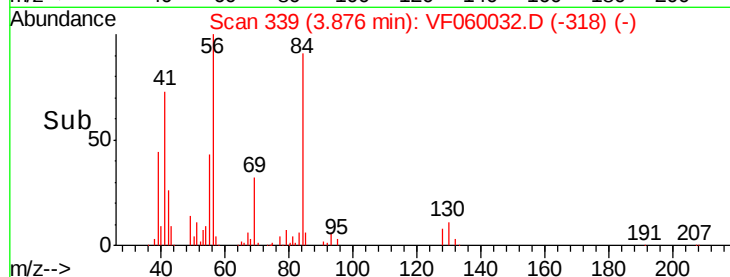
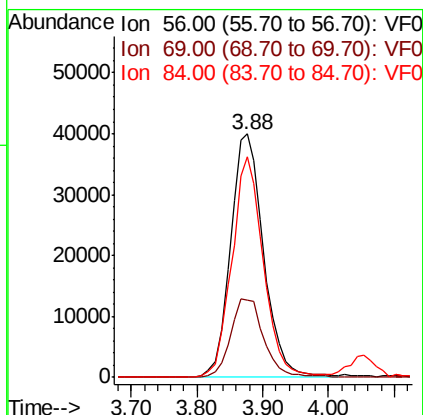
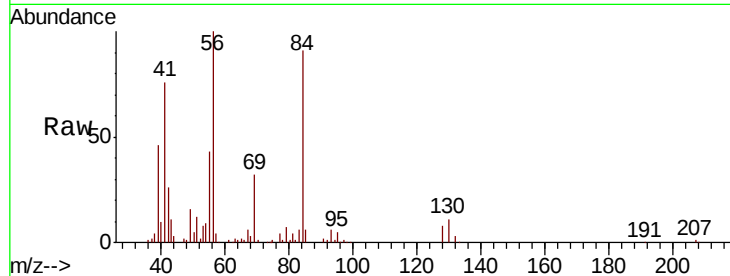




#31  
Cyclohexane  
Concen: 50.513 ug/l  
RT: 3.88 min Scan# 339  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

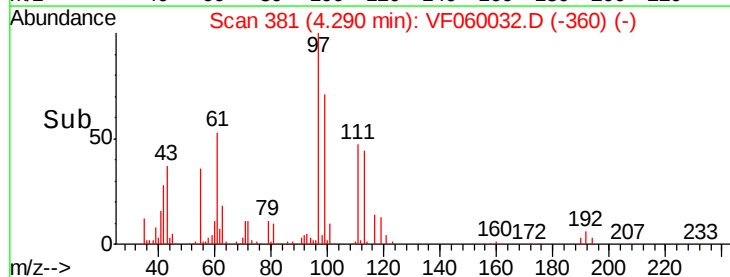
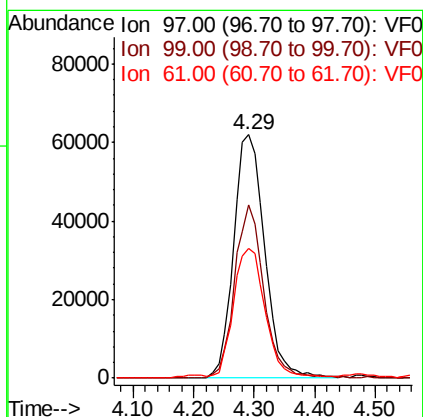
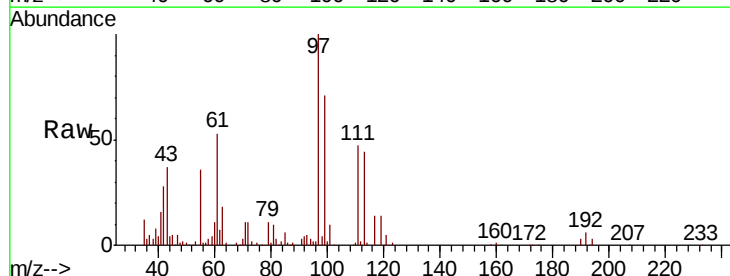
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

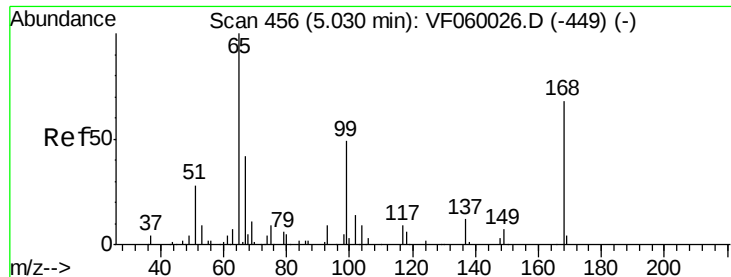
Tgt Ion: 56 Resp: 140880  
Ion Ratio Lower Upper  
56 100  
69 31.9 30.4 45.6  
84 90.8 71.4 107.2



#32  
1,1,1-Trichloroethane  
Concen: 50.336 ug/l  
RT: 4.29 min Scan# 381  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion: 97 Resp: 221464  
Ion Ratio Lower Upper  
97 100  
99 71.0 50.3 75.5  
61 53.3 40.3 60.5





#33

1,2-Dichloroethane-d4

Concen: 47.130 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

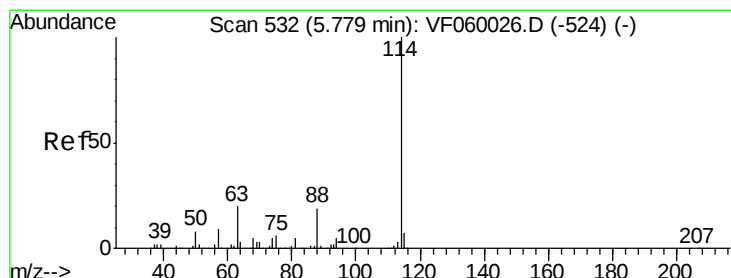
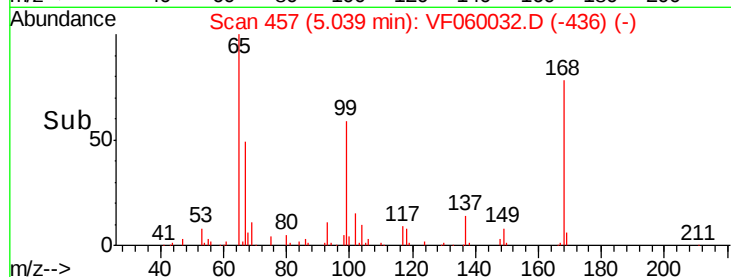
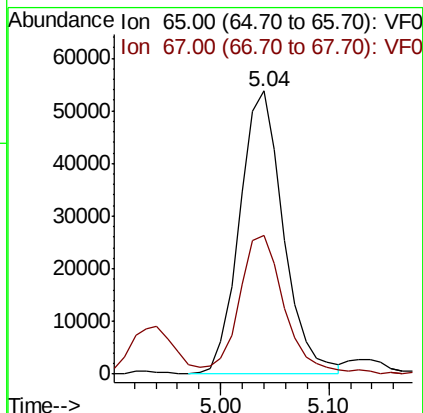
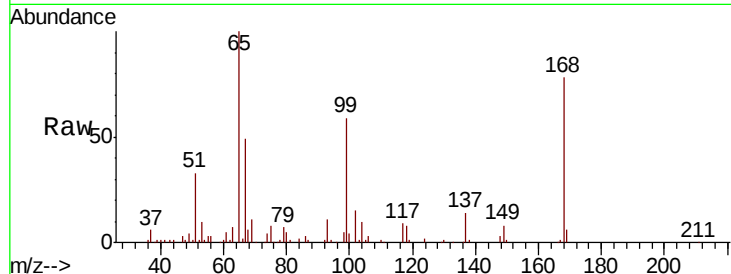
VSTDCCC050

Tgt Ion: 65 Resp: 151176

Ion Ratio Lower Upper

65 100

67 48.8 0.0 92.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

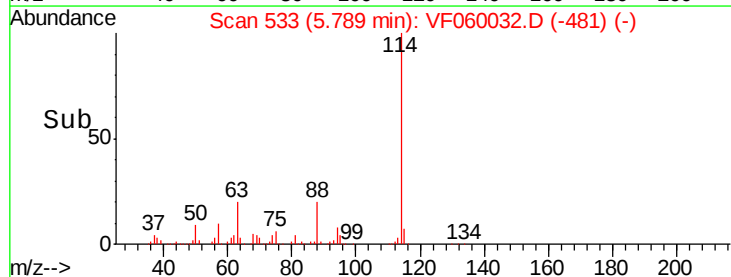
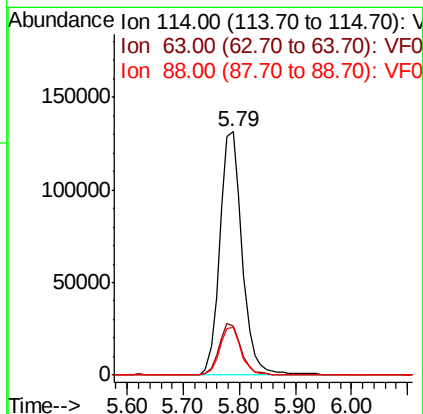
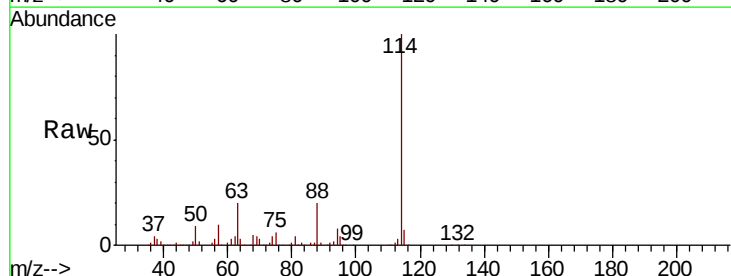
Tgt Ion: 114 Resp: 365924

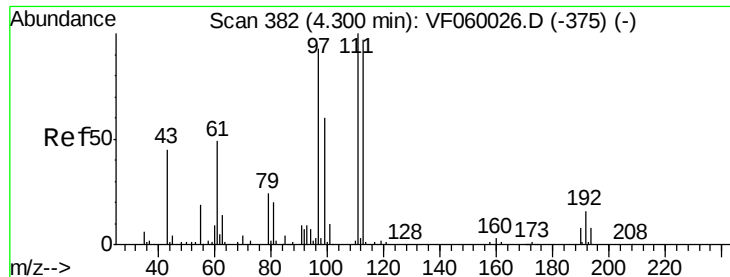
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.4

88 19.6 0.0 38.6





#35

Dibromofluoromethane

Concen: 49.961 ug/l

RT: 4.31 min Scan# 383

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

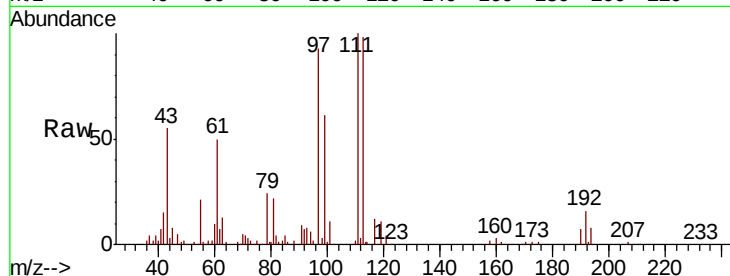
Tgt Ion:113 Resp: 143560

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

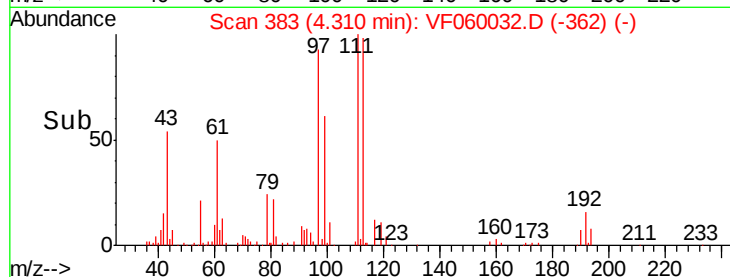
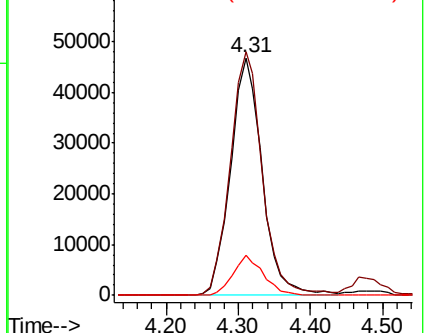
192 16.5 13.0 19.4



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#36

1,1-Dichloropropene

Concen: 48.550 ug/l

RT: 4.48 min Scan# 400

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

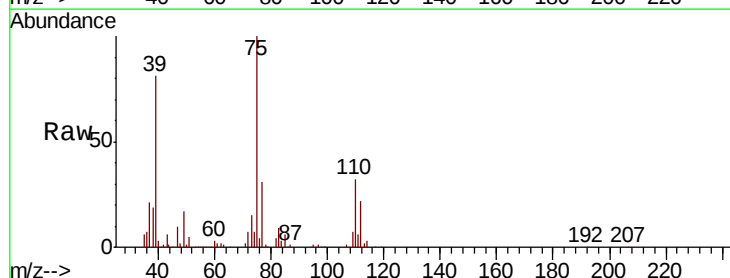
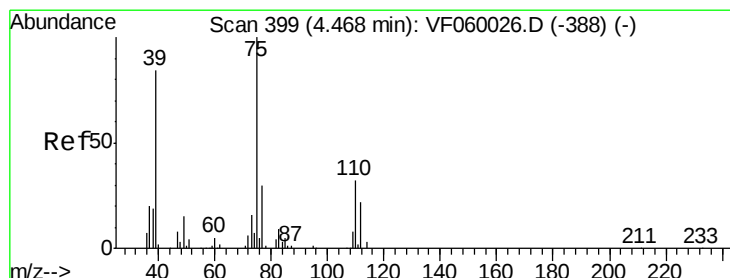
Tgt Ion: 75 Resp: 166953

Ion Ratio Lower Upper

75 100

110 32.4 16.0 47.9

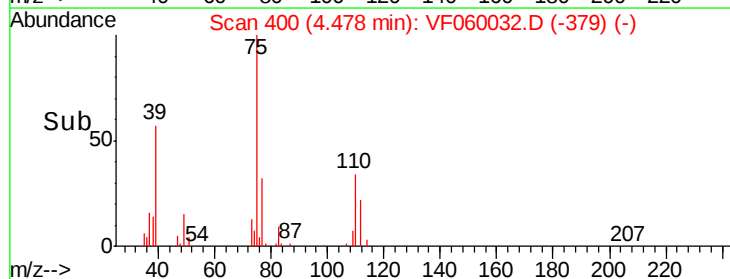
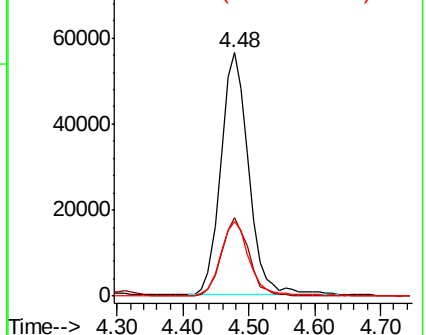
77 30.7 24.1 36.1

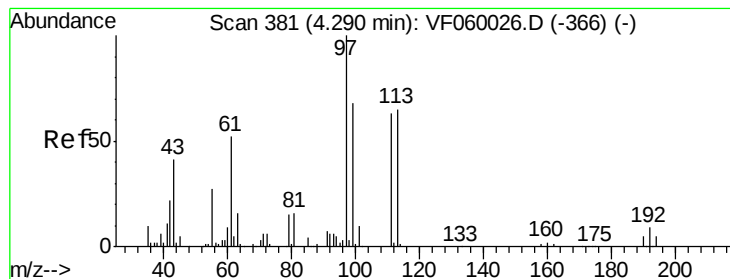


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 53.215 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

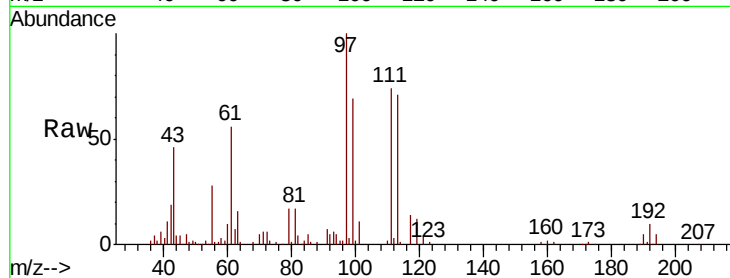
Tgt Ion: 43 Resp: 109440

Ion Ratio Lower Upper

43 100

61 120.5 101.5 152.3

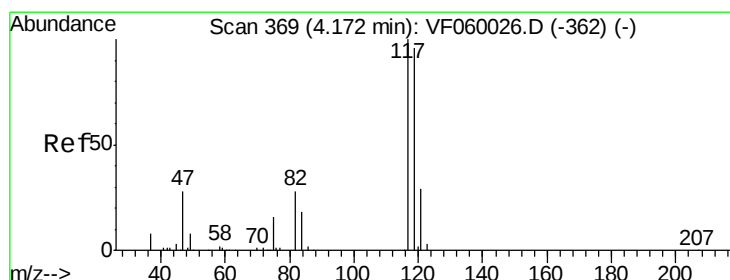
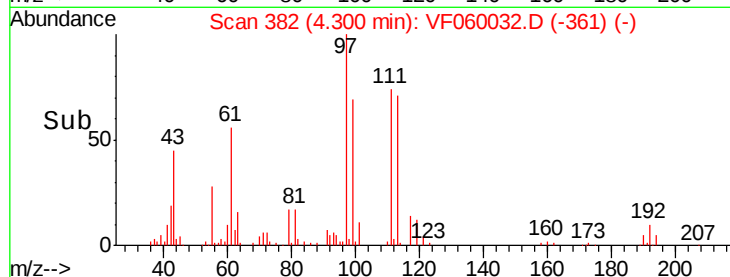
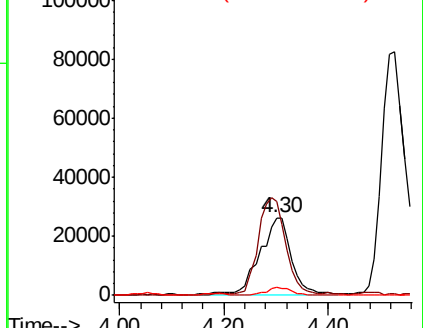
70 10.1 6.4 9.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 48.290 ug/l

RT: 4.19 min Scan# 371

Delta R.T. 0.02 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

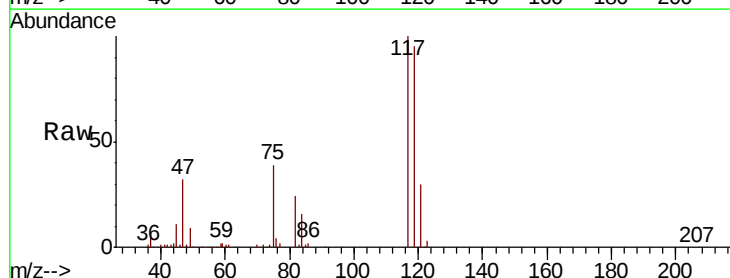
Tgt Ion: 117 Resp: 192287

Ion Ratio Lower Upper

117 100

119 95.1 76.5 114.7

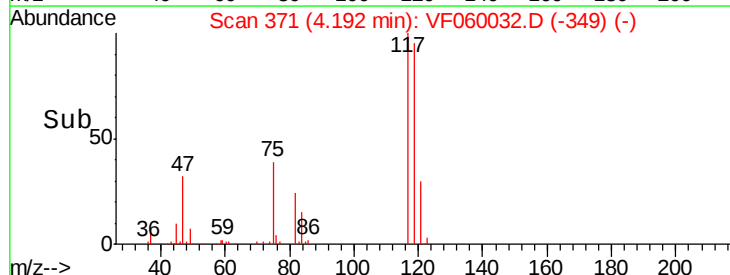
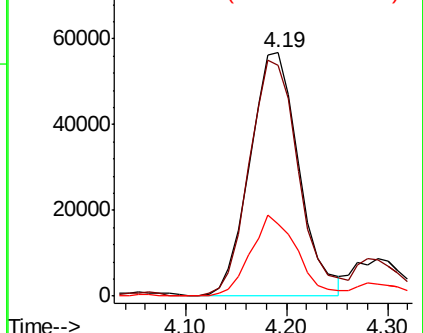
121 29.7 23.0 34.6

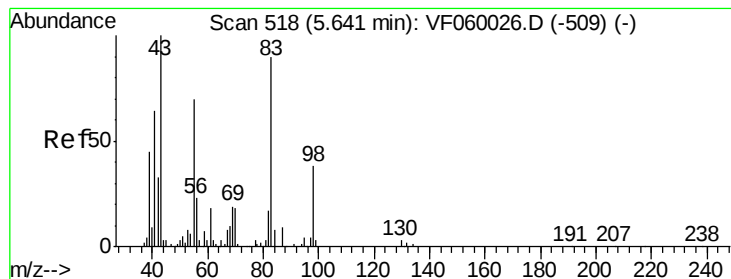


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#39

Methylcyclohexane

Concen: 49.632 ug/l

RT: 5.64 min Scan# 518

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

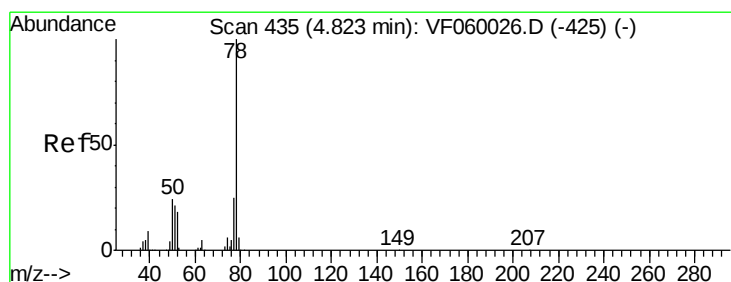
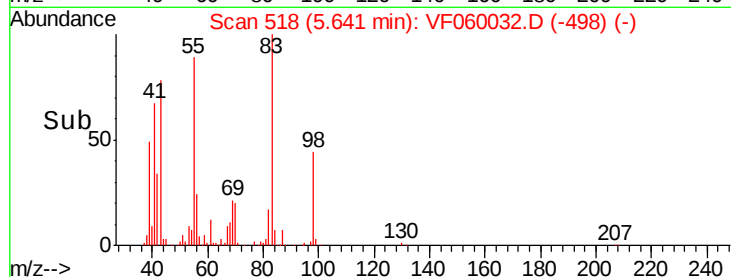
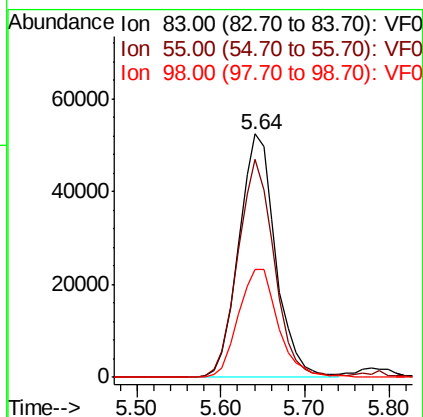
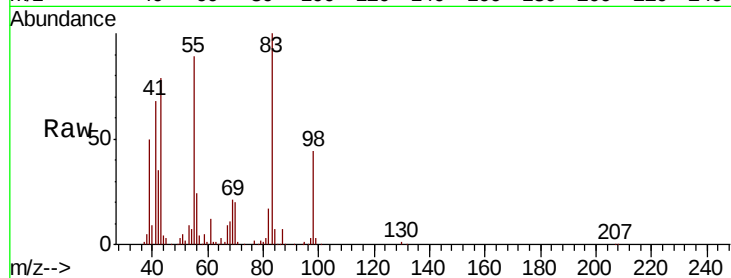
Tgt Ion: 83 Resp: 160029

Ion Ratio Lower Upper

83 100

55 89.5 62.7 94.1

98 44.3 33.8 50.8



#40

Benzene

Concen: 49.352 ug/l

RT: 4.82 min Scan# 435

Delta R.T. -0.00 min

Lab File: VF060032.D

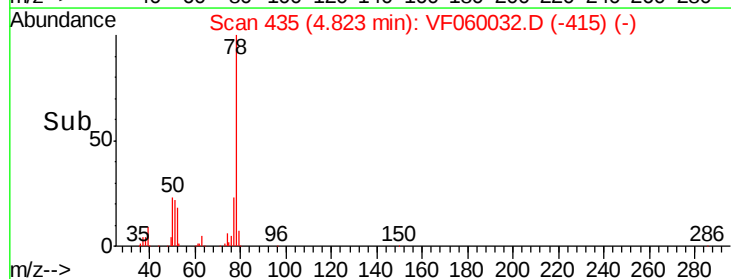
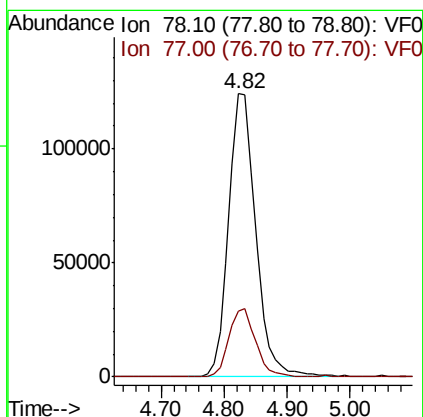
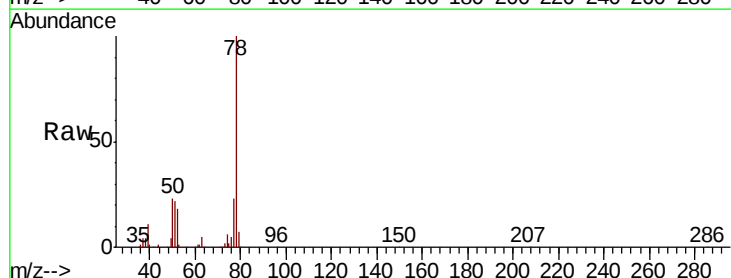
Acq: 22 Aug 2018 11:16

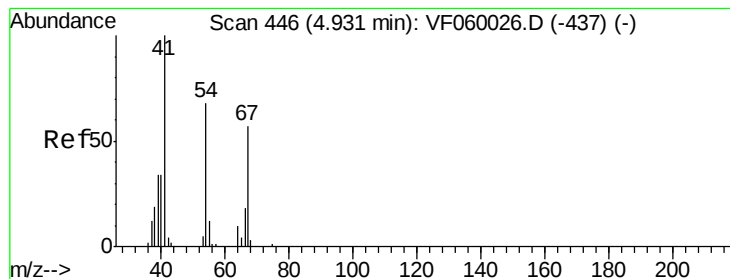
Tgt Ion: 78 Resp: 370723

Ion Ratio Lower Upper

78 100

77 23.5 19.8 29.6





#41

Methacrylonitrile

Concen: 46.223 ug/l

RT: 4.93 min Scan# 446

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 48082

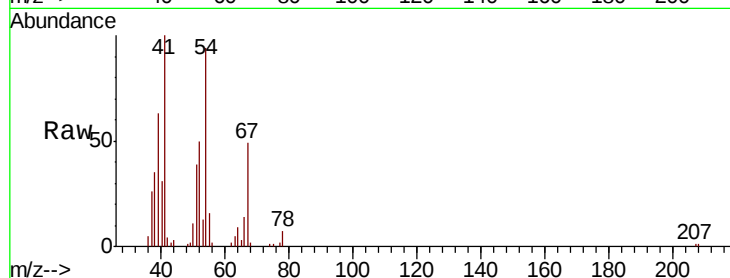
Ion Ratio Lower Upper

41 100

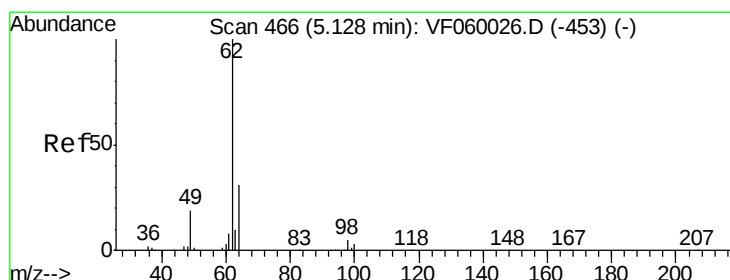
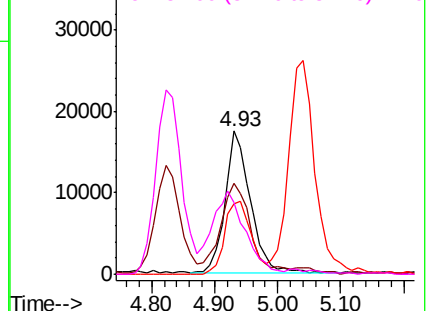
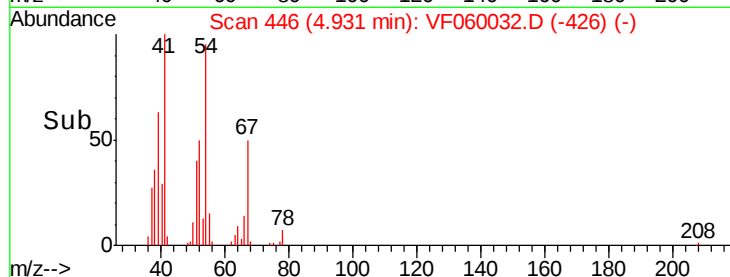
39 63.2 52.9 79.3

67 49.0 45.3 67.9

52 50.1 34.8 52.2



Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0  
Ion 67.00 (66.70 to 67.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 45.273 ug/l

RT: 5.14 min Scan# 467

Delta R.T. 0.01 min

Lab File: VF060032.D

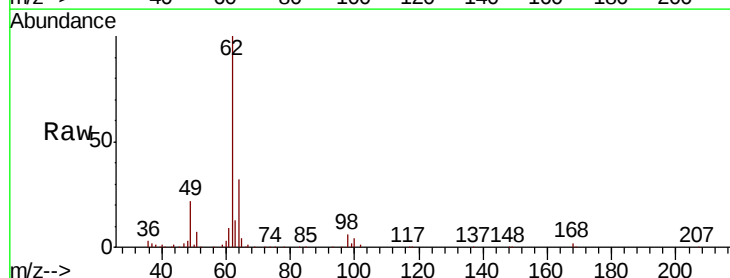
Acq: 22 Aug 2018 11:16

Tgt Ion: 62 Resp: 182354

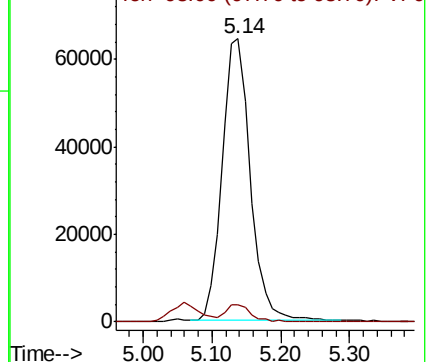
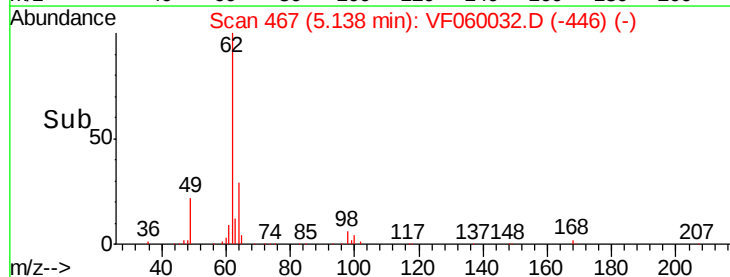
Ion Ratio Lower Upper

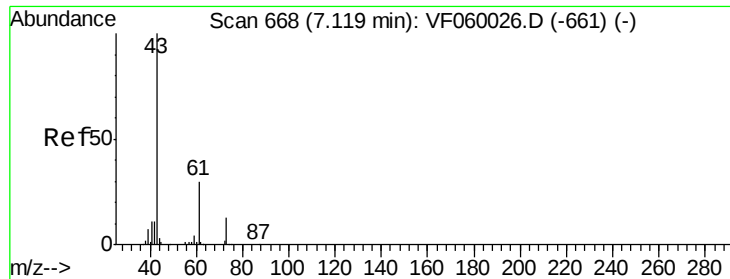
62 100

98 6.2 0.0 11.2



Abundance Ion 62.00 (61.70 to 62.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0





#43

Isopropyl Acetate

Concen: 51.571 ug/l

RT: 7.13 min Scan# 669

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

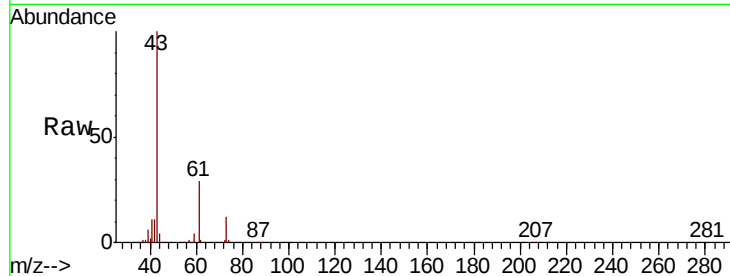
Tgt Ion: 43 Resp: 133486

Ion Ratio Lower Upper

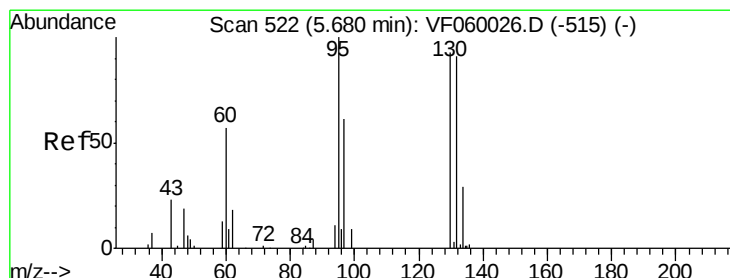
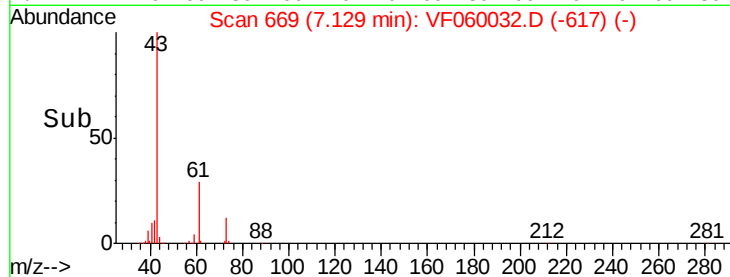
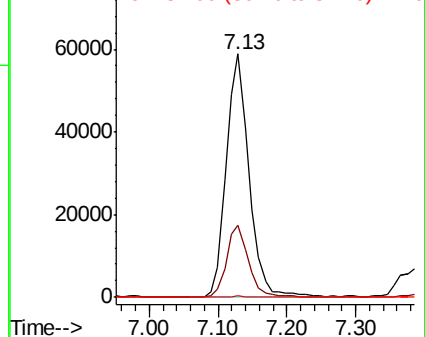
43 100

61 29.4 23.8 35.6

87 0.5 0.2 0.4#



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



#44

Trichloroethene

Concen: 47.419 ug/l

RT: 5.69 min Scan# 523

Delta R.T. 0.01 min

Lab File: VF060032.D

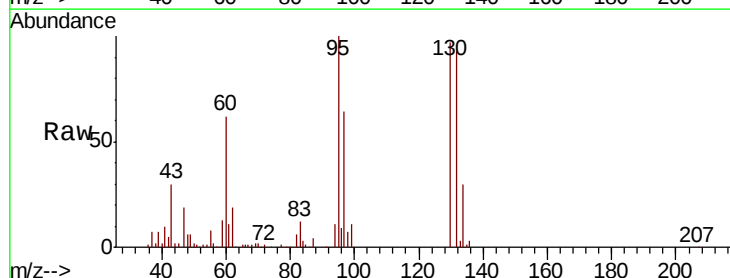
Acq: 22 Aug 2018 11:16

Tgt Ion: 130 Resp: 117754

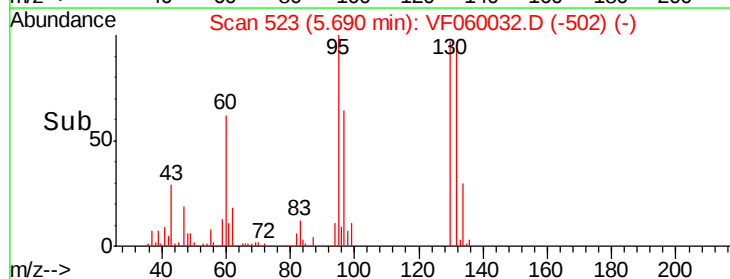
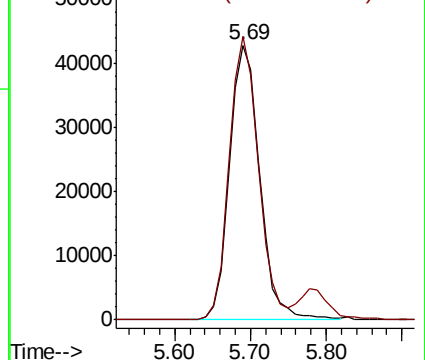
Ion Ratio Lower Upper

130 100

95 103.1 0.0 215.8



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





#45

1,2-Dichloropropane

Concen: 52.967 ug/l

RT: 6.42 min Scan# 597

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

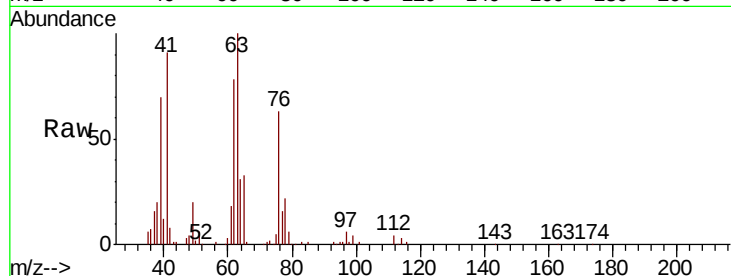
VSTDCCC050

Tgt Ion: 63 Resp: 112546

Ion Ratio Lower Upper

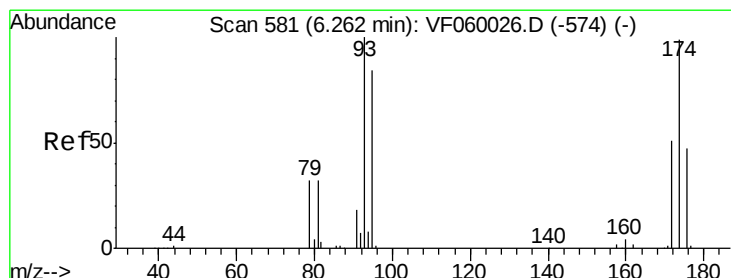
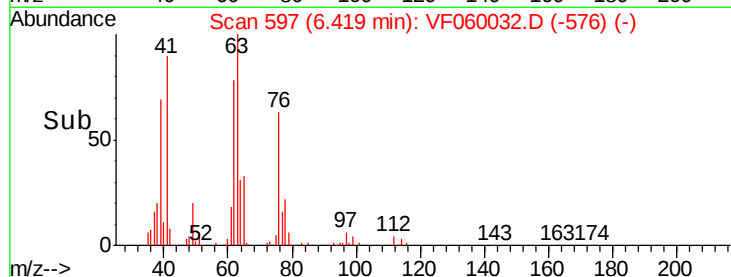
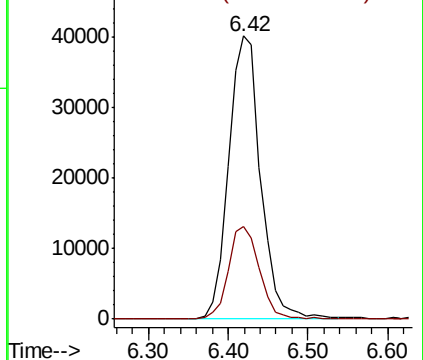
63 100

65 32.5 23.8 35.6



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 50.360 ug/l

RT: 6.27 min Scan# 582

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

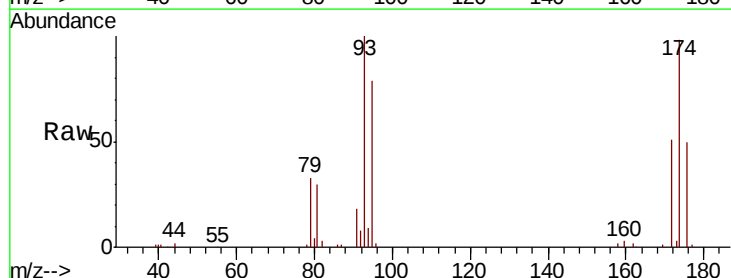
Tgt Ion: 93 Resp: 83731

Ion Ratio Lower Upper

93 100

95 78.5 67.1 100.7

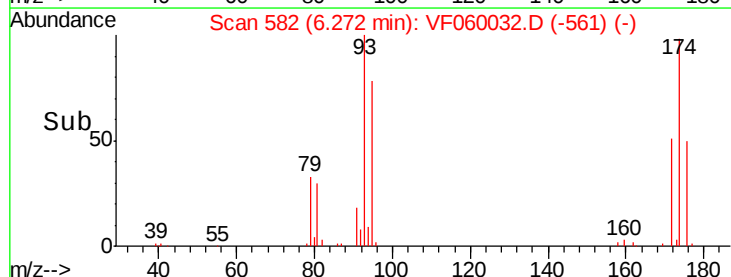
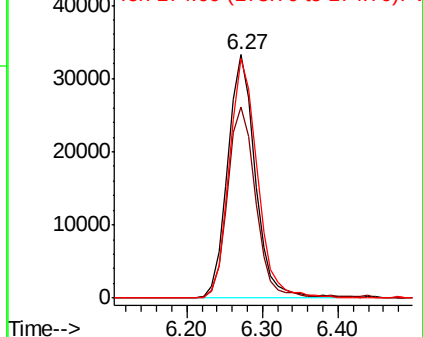
174 98.3 79.0 118.4

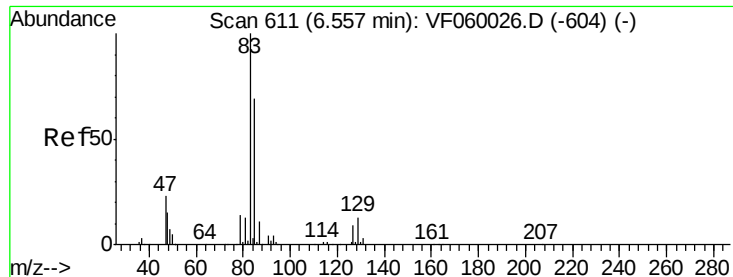


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 49.758 ug/l

RT: 6.57 min Scan# 612

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

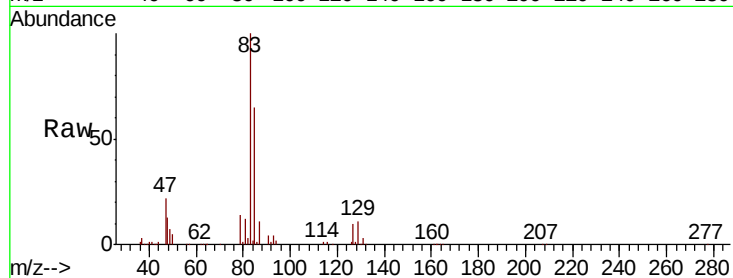
Tgt Ion: 83 Resp: 199825

Ion Ratio Lower Upper

83 100

85 64.7 55.2 82.8

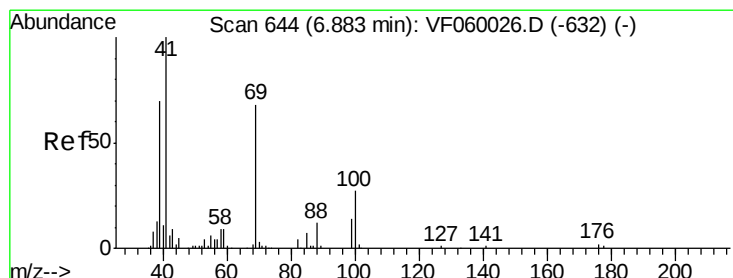
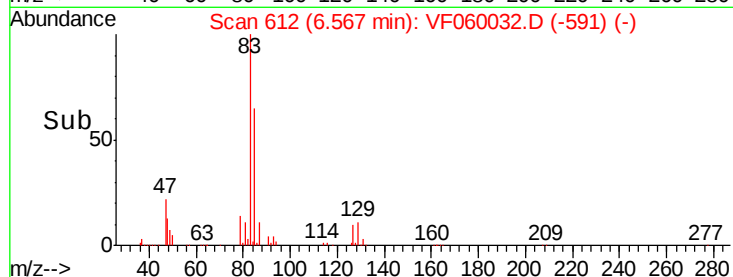
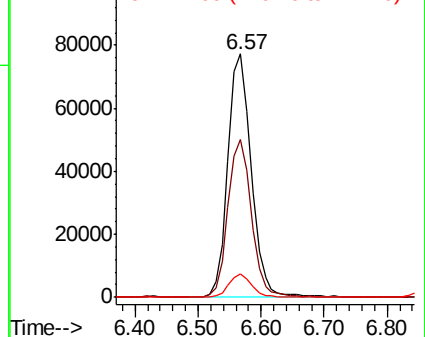
127 9.8 7.3 10.9



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: 49.495 ug/l

RT: 6.89 min Scan# 645

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

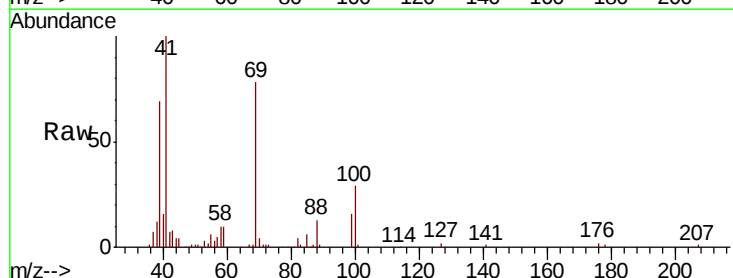
Tgt Ion: 41 Resp: 84775

Ion Ratio Lower Upper

41 100

69 78.4 54.6 81.8

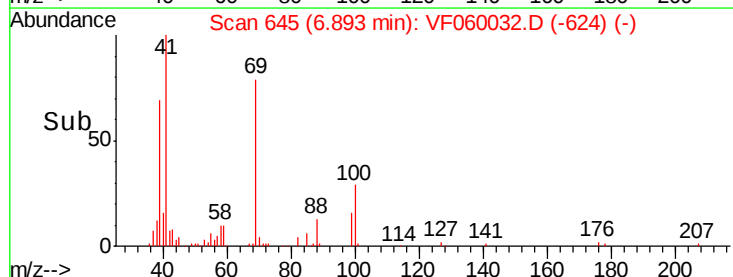
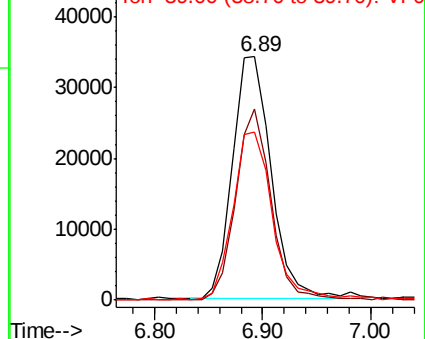
39 69.2 56.5 84.7

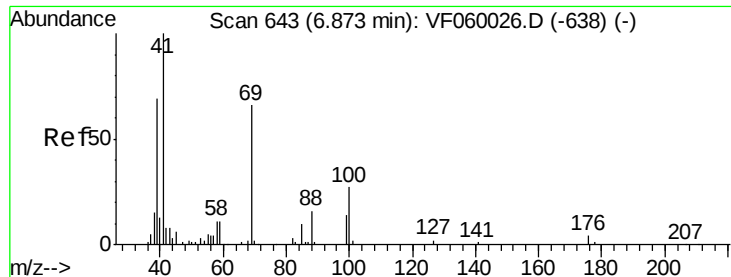


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 1076.107 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

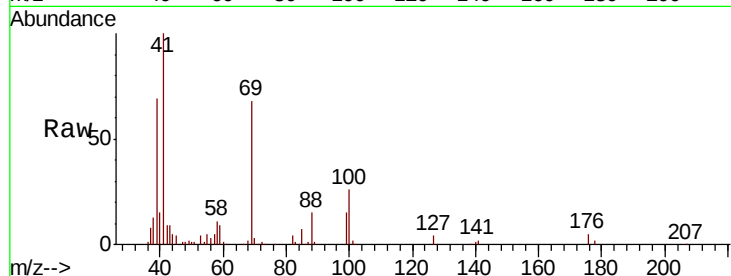
Tgt Ion: 88 Resp: 17694

Ion Ratio Lower Upper

88 100

43 63.0 46.5 69.7

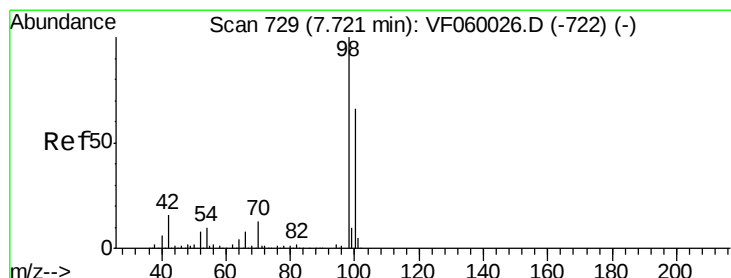
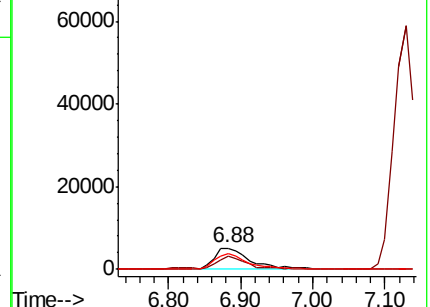
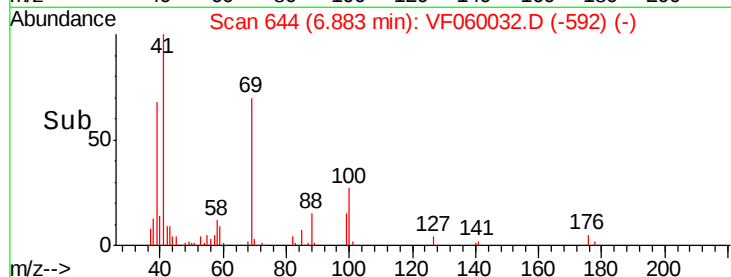
58 75.6 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 47.858 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.01 min

Lab File: VF060032.D

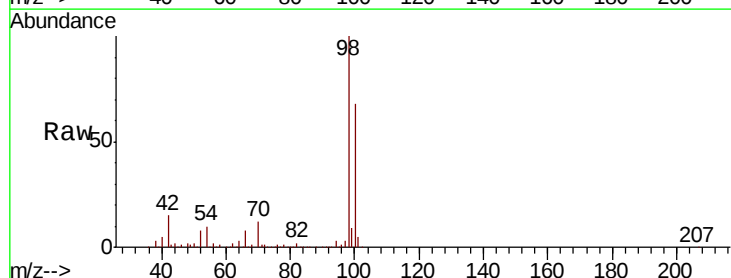
Acq: 22 Aug 2018 11:16

Tgt Ion: 98 Resp: 390545

Ion Ratio Lower Upper

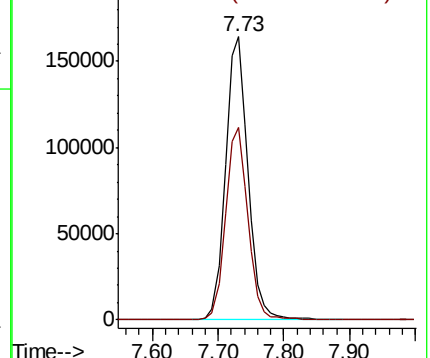
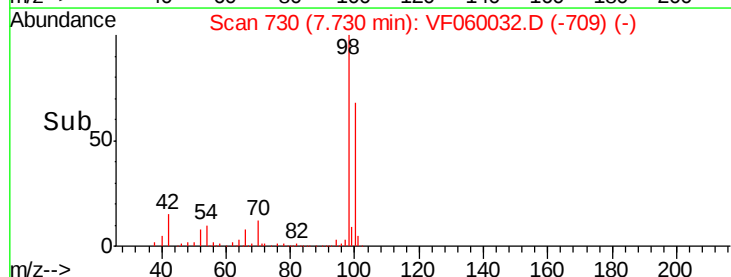
98 100

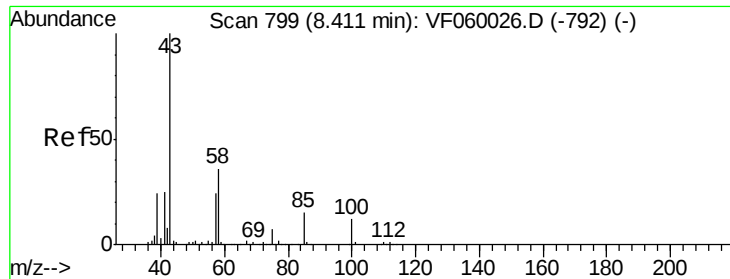
100 68.2 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

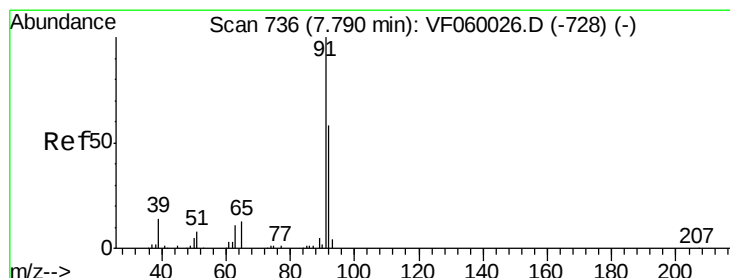
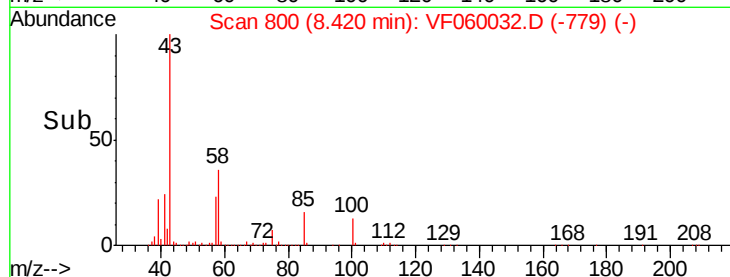
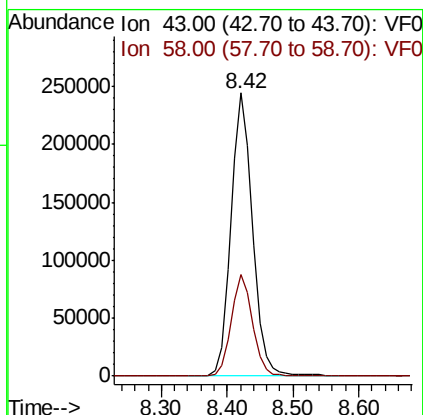
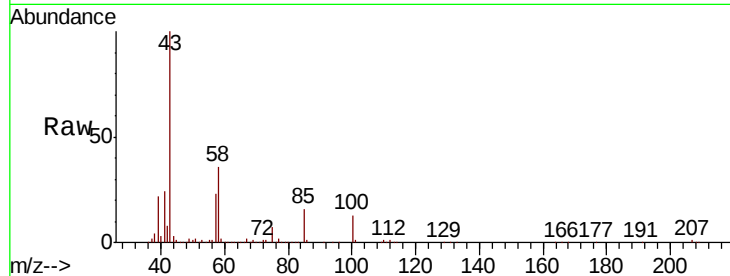




#51  
 4-Methyl-2-Pentanone  
 Concen: 250.993 ug/l  
 RT: 8.42 min Scan# 800  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

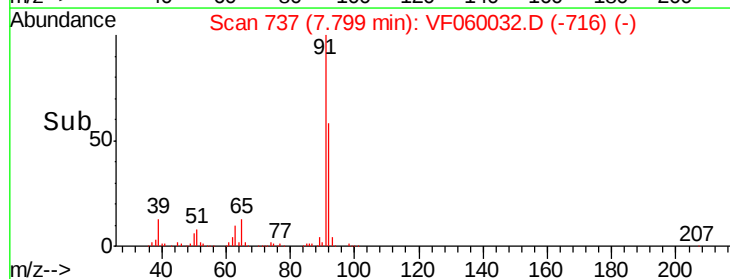
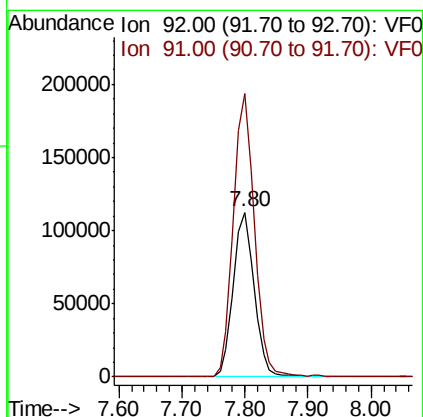
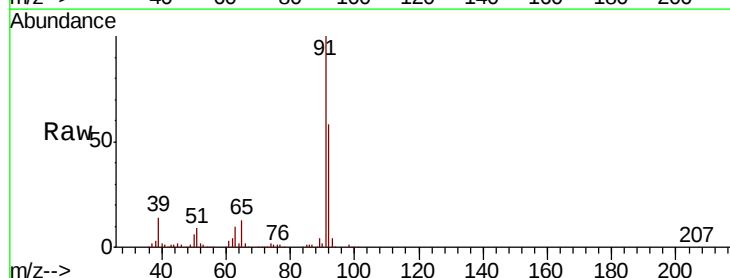
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

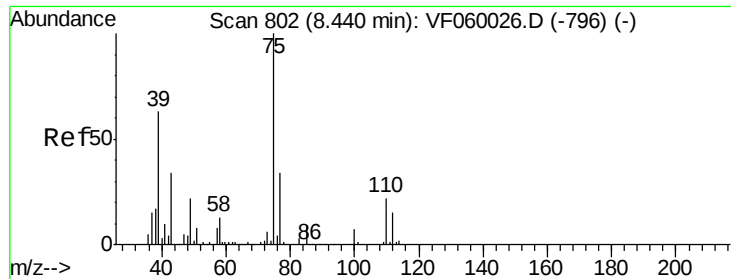
Tgt Ion: 43 Resp: 561030  
 Ion Ratio Lower Upper  
 43 100  
 58 35.9 28.6 42.8



#52  
 Toluene  
 Concen: 53.972 ug/l  
 RT: 7.80 min Scan# 737  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 92 Resp: 258919  
 Ion Ratio Lower Upper  
 92 100  
 91 171.8 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 49.614 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

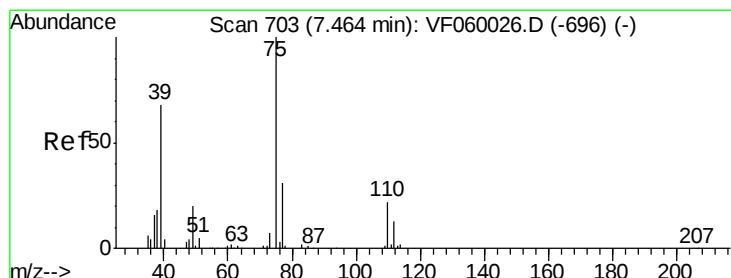
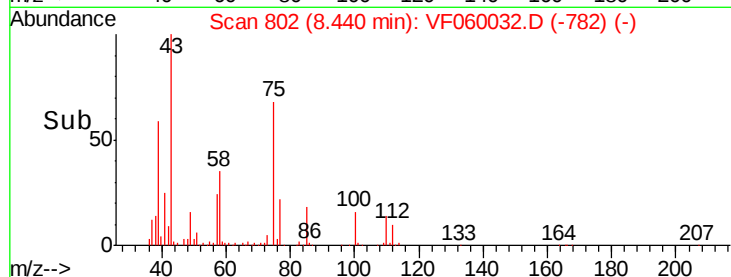
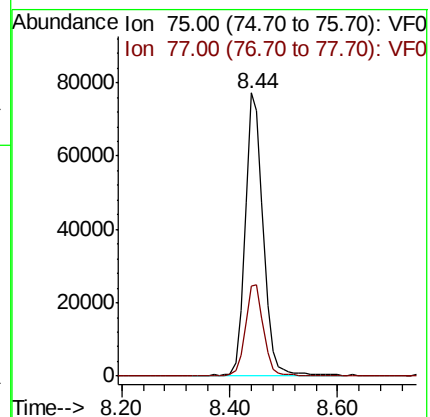
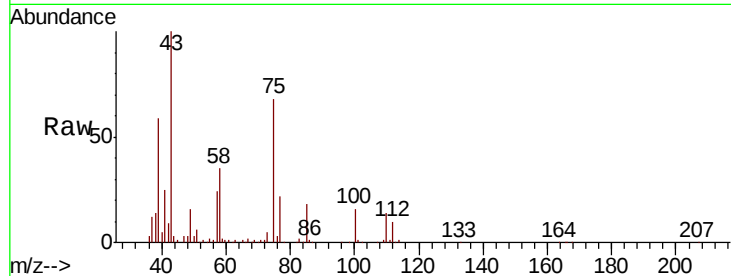
VSTDCCC050

Tgt Ion: 75 Resp: 180686

Ion Ratio Lower Upper

75 100

77 32.0 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 51.620 ug/l

RT: 7.47 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

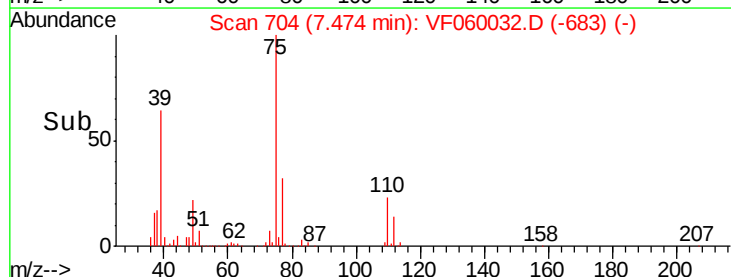
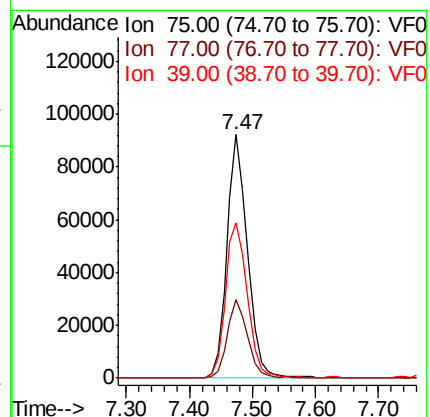
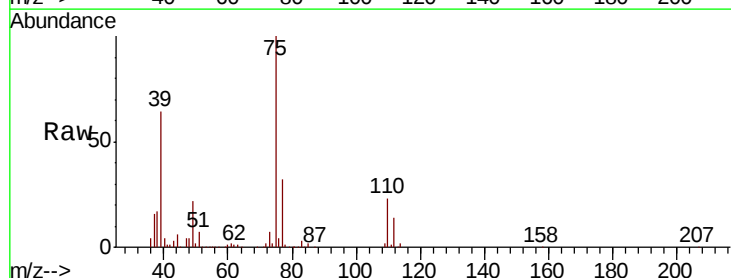
Tgt Ion: 75 Resp: 209812

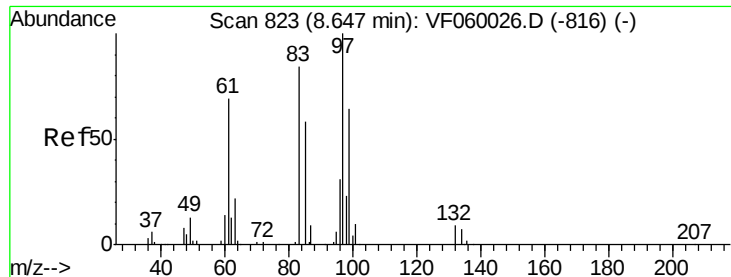
Ion Ratio Lower Upper

75 100

77 32.3 24.6 37.0

39 63.6 54.6 81.8

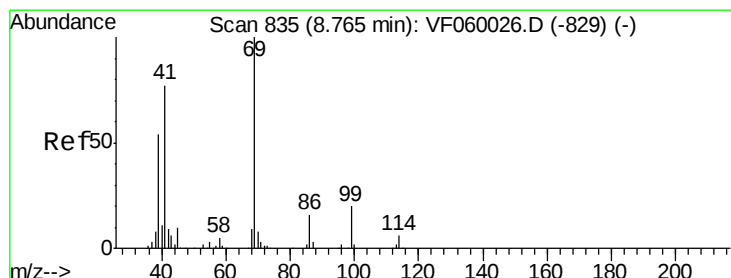
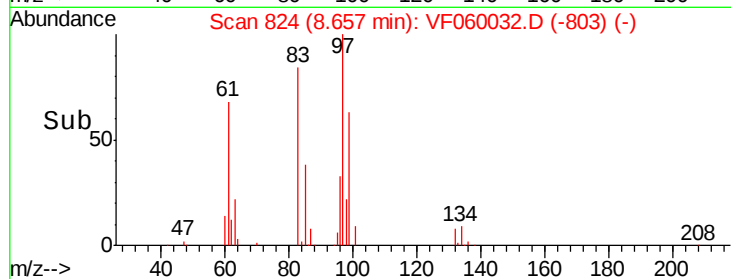
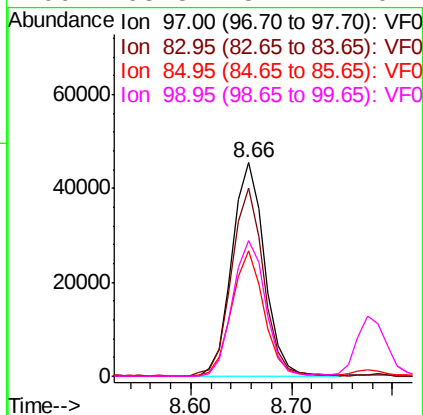
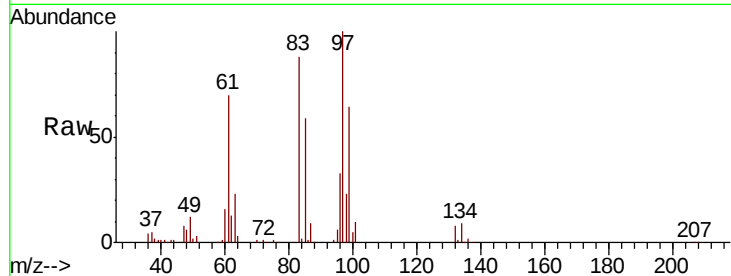




#55  
 1,1,2-Trichloroethane  
 Concen: 50.656 ug/l  
 RT: 8.66 min Scan# 824  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

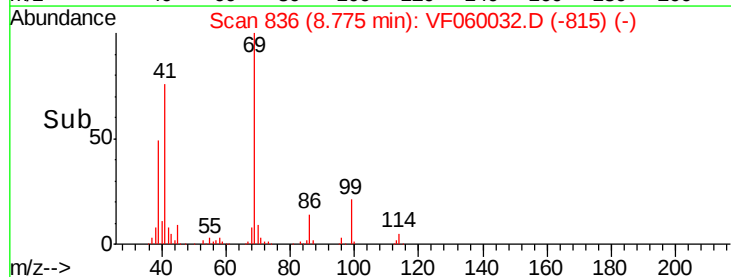
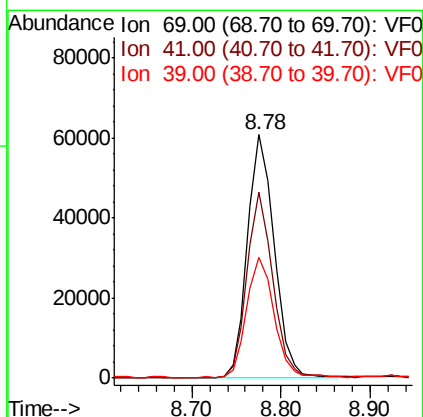
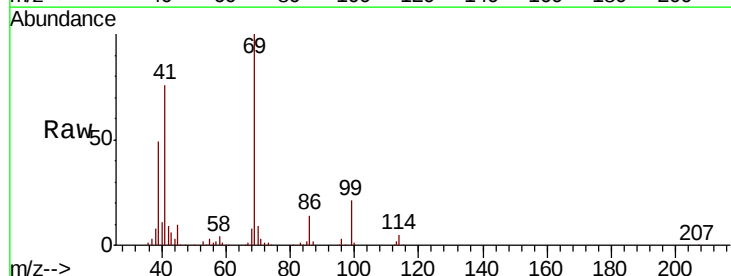
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

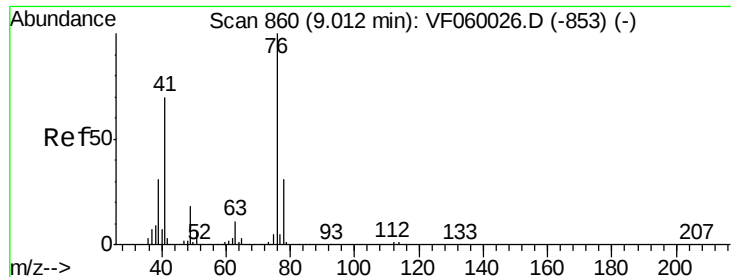
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 102676 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.1  | 67.4  | 101.2  |
| 85       | 58.5  | 46.2  | 69.2   |
| 99       | 63.8  | 51.1  | 76.7   |



#56  
 Ethyl methacrylate  
 Concen: 51.580 ug/l  
 RT: 8.78 min Scan# 836  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 126545 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 76.3  | 61.6  | 92.4   |
| 39       | 49.4  | 43.9  | 65.9   |





#57

1,3-Dichloropropane

Concen: 50.739 ug/l

RT: 9.02 min Scan# 861

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

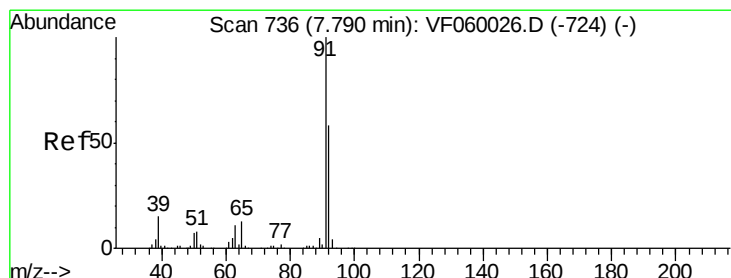
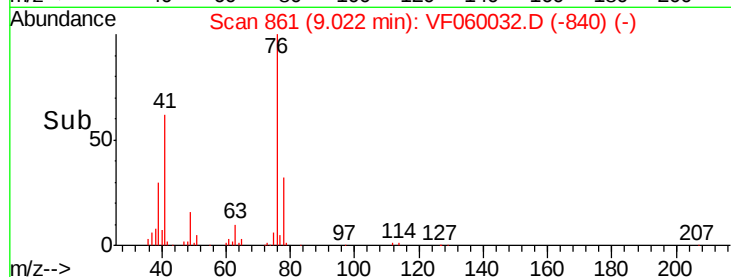
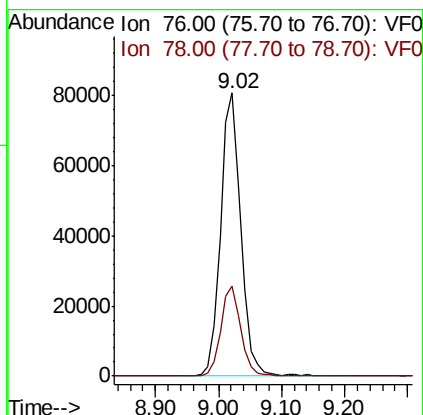
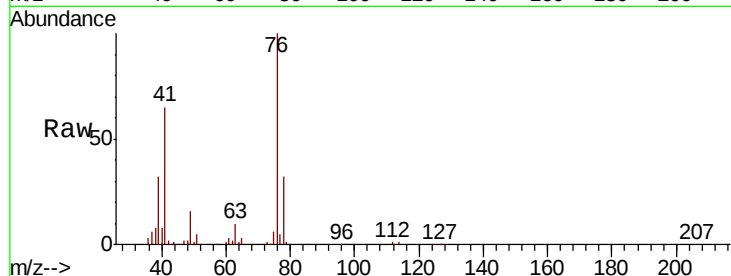
VSTDCCC050

Tgt Ion: 76 Resp: 180760

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.555 ug/l

RT: 7.80 min Scan# 737

Delta R.T. 0.01 min

Lab File: VF060032.D

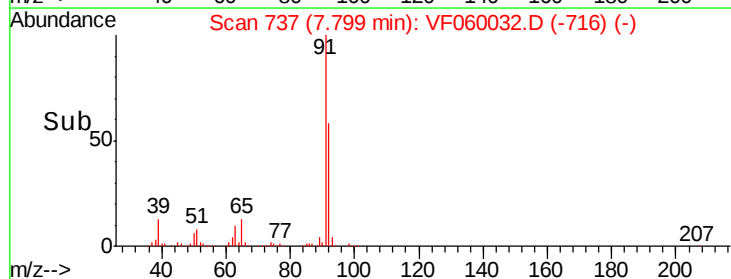
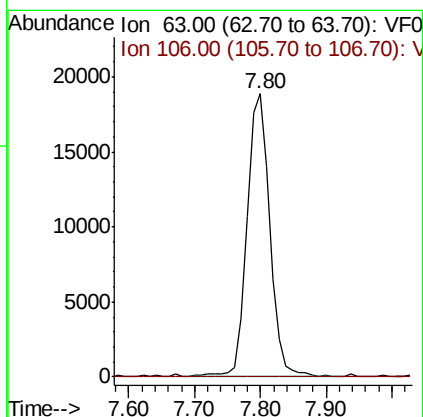
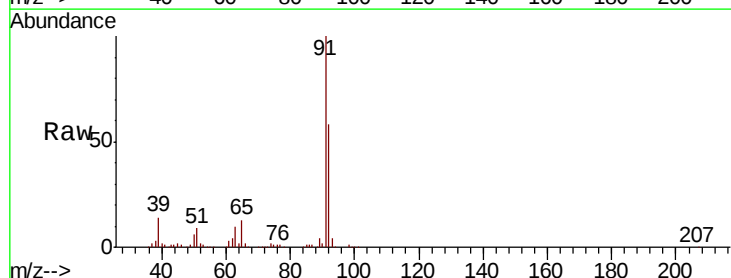
Acq: 22 Aug 2018 11:16

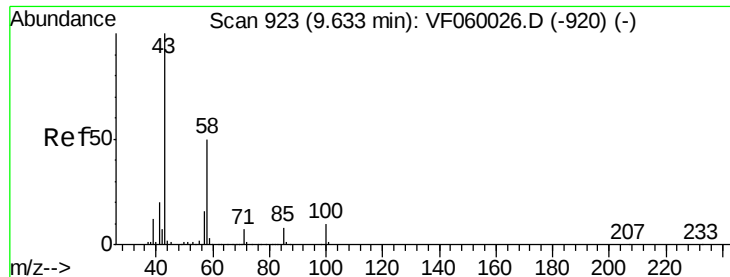
Tgt Ion: 63 Resp: 46067

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0

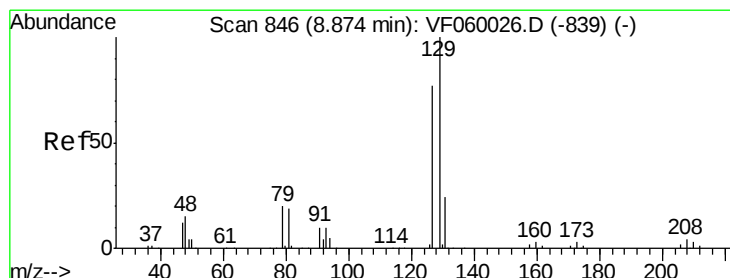
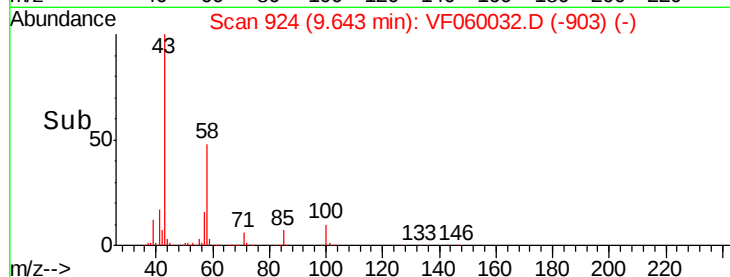
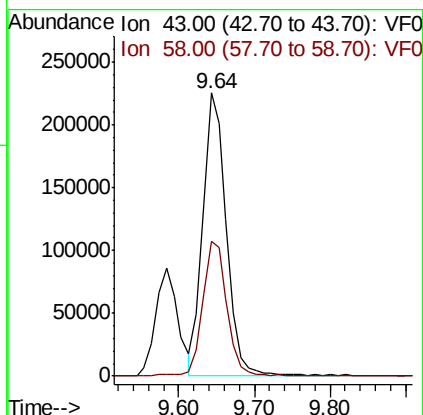
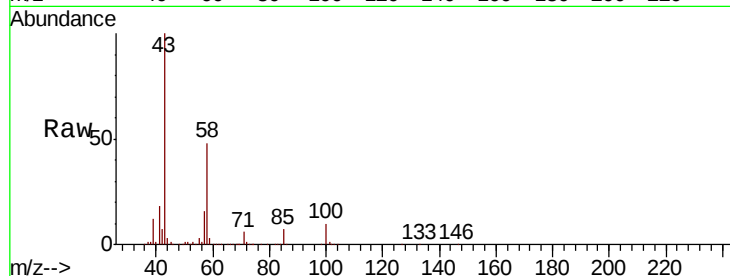




#59  
2-Hexanone  
Concen: 267.031 ug/l  
RT: 9.64 min Scan# 924  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

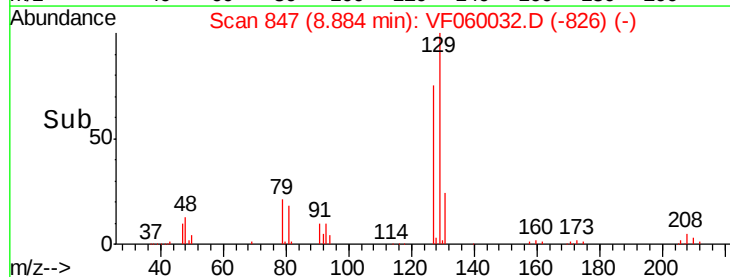
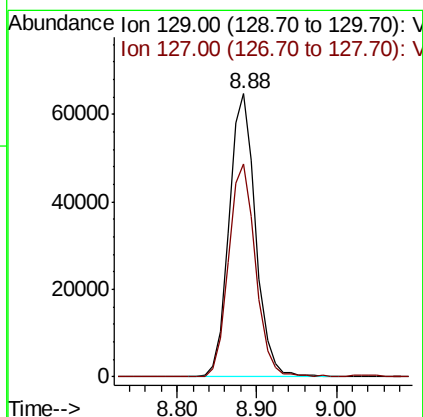
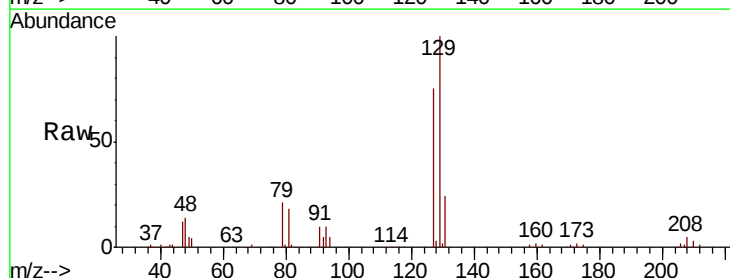
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

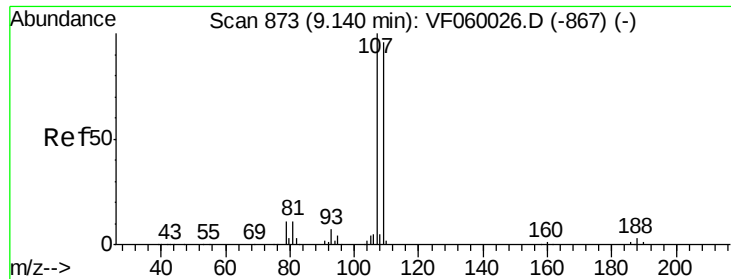
Tgt Ion: 43 Resp: 483089  
Ion Ratio Lower Upper  
43 100  
58 47.6 23.4 70.2



#60  
Dibromochloromethane  
Concen: 50.590 ug/l  
RT: 8.88 min Scan# 847  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion: 129 Resp: 151369  
Ion Ratio Lower Upper  
129 100  
127 75.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 50.145 ug/l

RT: 9.15 min Scan# 874

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

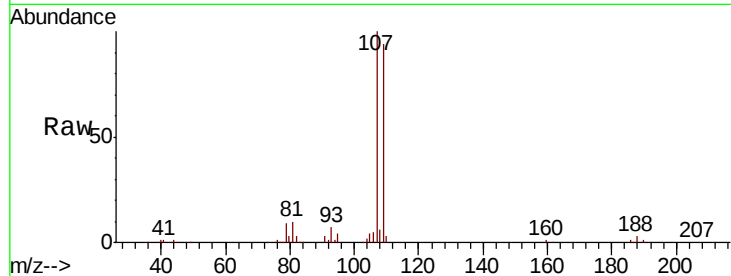
VSTDCCC050

Tgt Ion: 107 Resp: 119364

Ion Ratio Lower Upper

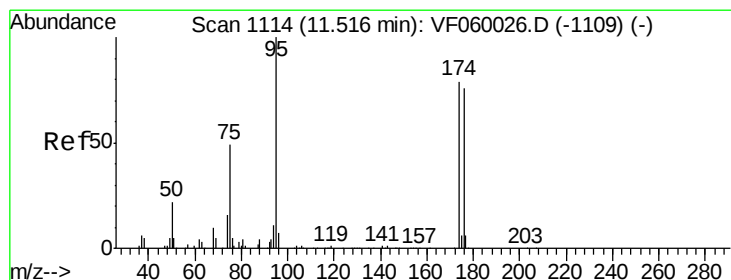
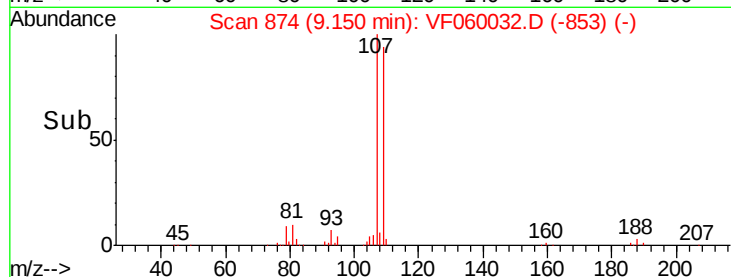
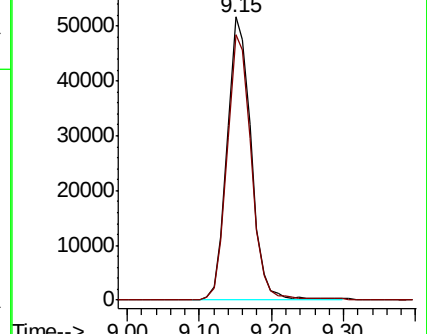
107 100

109 94.0 76.5 114.7



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 46.568 ug/l

RT: 11.53 min Scan# 1115

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

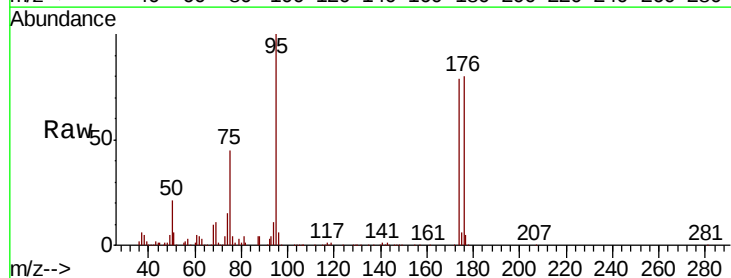
Tgt Ion: 95 Resp: 201034

Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.4

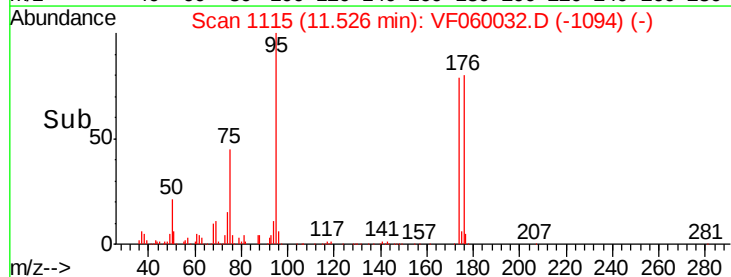
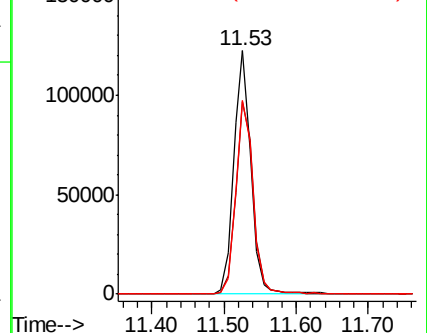
176 79.6 0.0 153.0

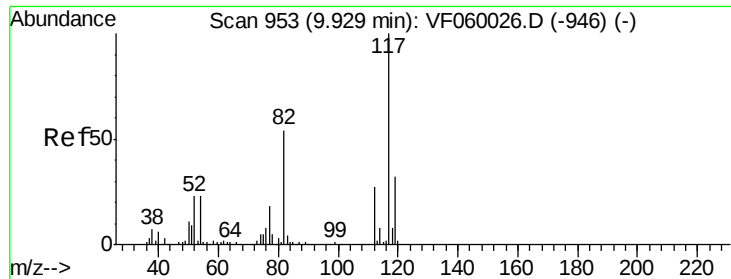


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

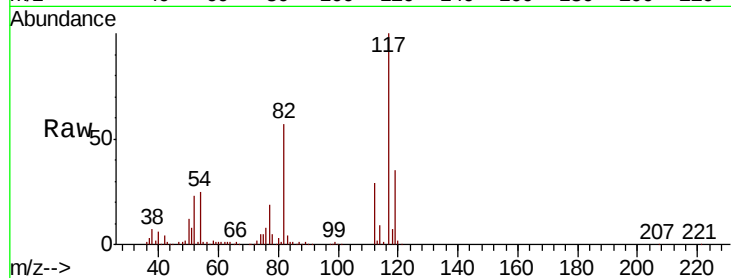




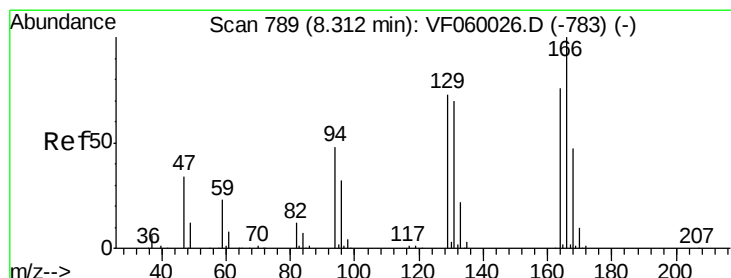
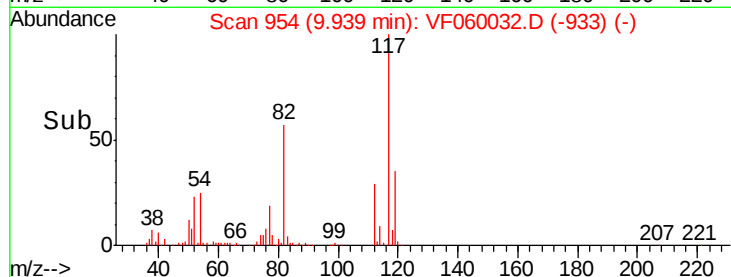
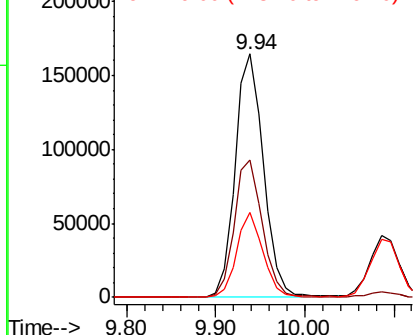
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.94 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Tgt Ion:117 Resp: 366172  
Ion Ratio Lower Upper  
117 100  
82 56.6 43.6 65.4  
119 34.6 25.6 38.4

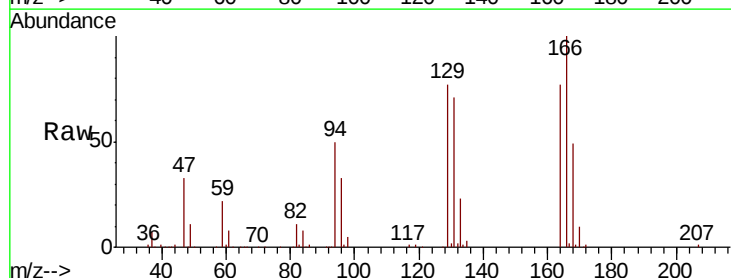


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

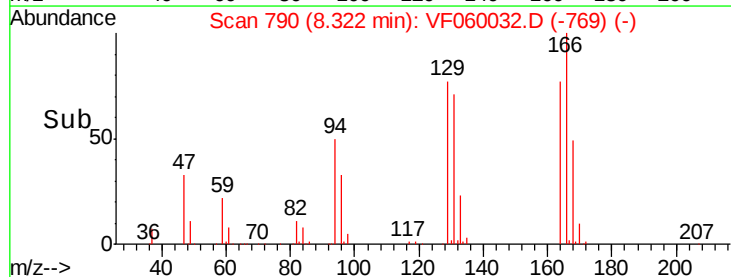
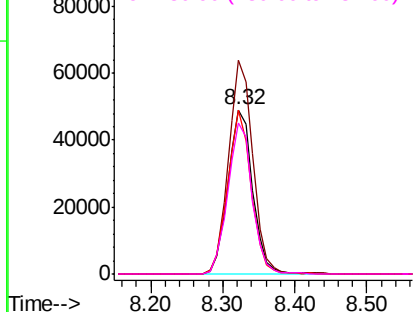


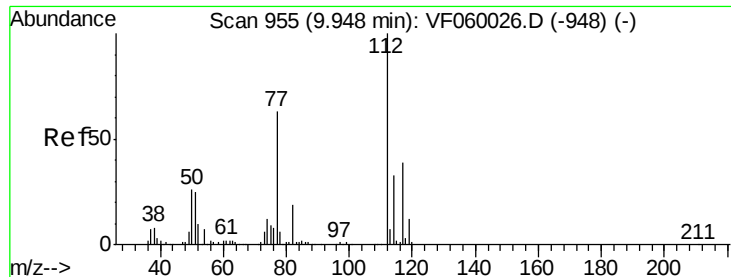
#64  
Tetrachloroethene  
Concen: 47.655 ug/l  
RT: 8.32 min Scan# 790  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion:164 Resp: 117550  
Ion Ratio Lower Upper  
164 100  
166 130.3 104.7 157.1  
129 100.2 77.0 115.4  
131 92.5 72.9 109.3



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.90 (128.60 to 129.60): V  
Ion 130.90 (130.60 to 131.60): V

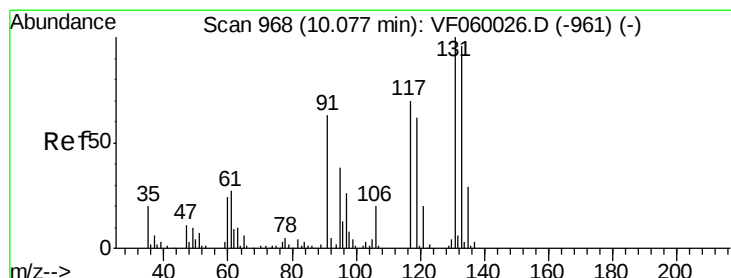
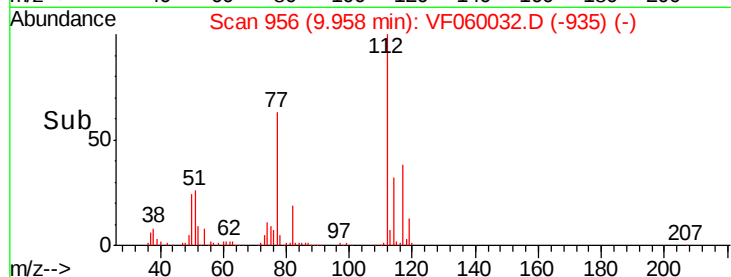
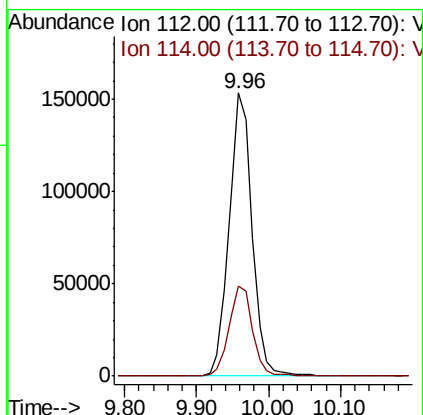
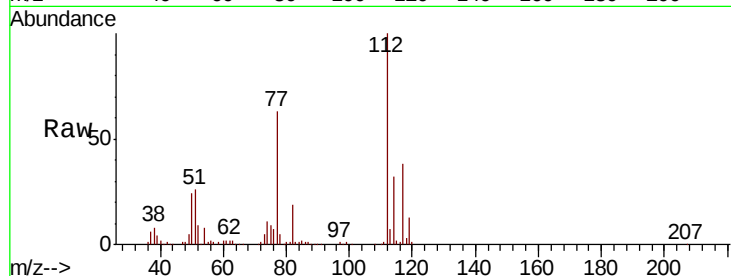




#65  
Chlorobenzene  
Concen: 49.273 ug/l  
RT: 9.96 min Scan# 956  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

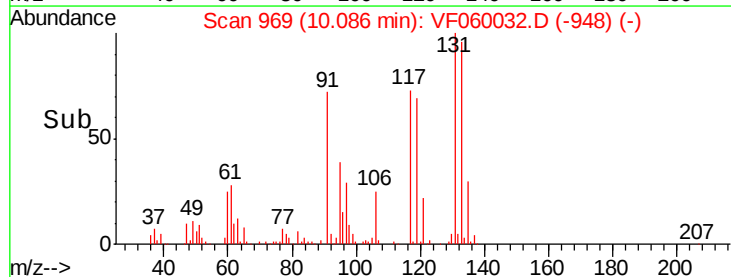
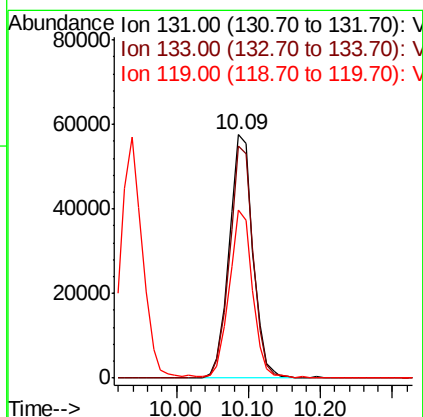
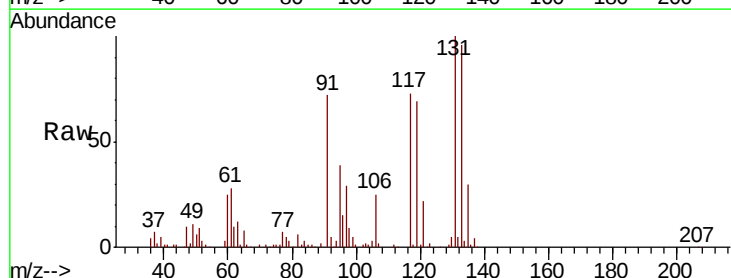
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

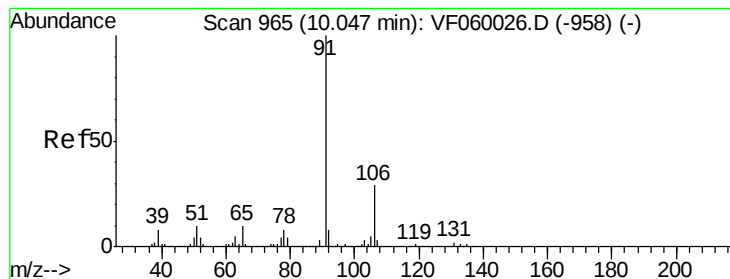
Tgt Ion:112 Resp: 340694  
Ion Ratio Lower Upper  
112 100  
114 31.9 26.2 39.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.662 ug/l  
RT: 10.09 min Scan# 969  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion:131 Resp: 132863  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.2 144.6  
119 68.8 31.4 94.2





#67

Ethyl Benzene

Concen: 50.540 ug/l

RT: 10.06 min Scan# 966

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

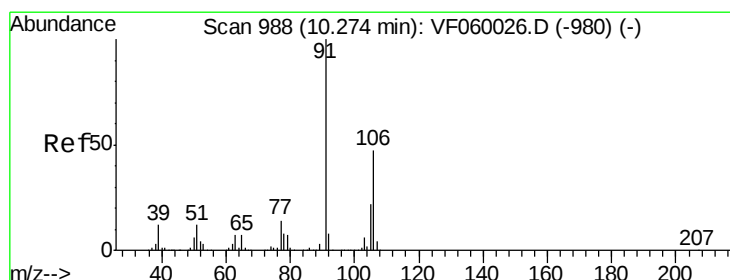
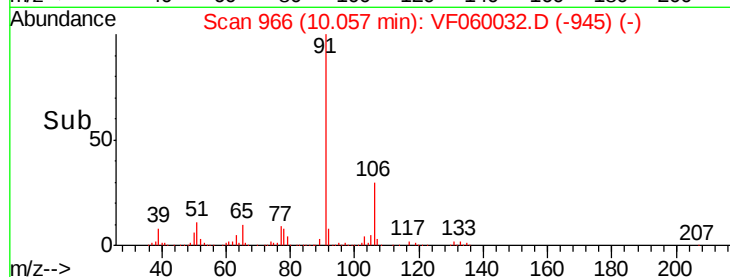
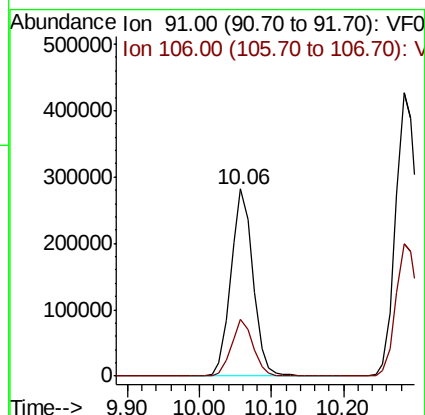
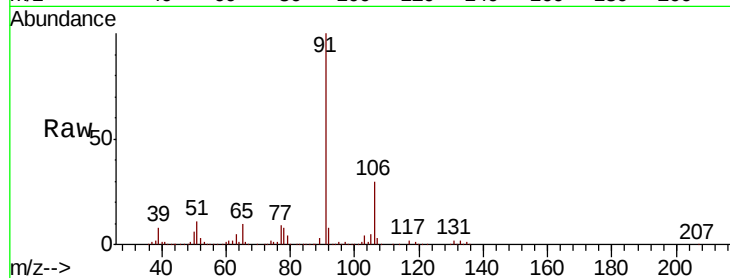
VSTDCCC050

Tgt Ion: 91 Resp: 602984

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

Concen: 113.240 ug/l

RT: 10.28 min Scan# 989

Delta R.T. 0.01 min

Lab File: VF060032.D

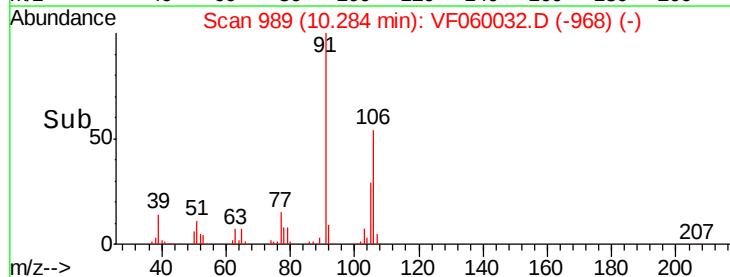
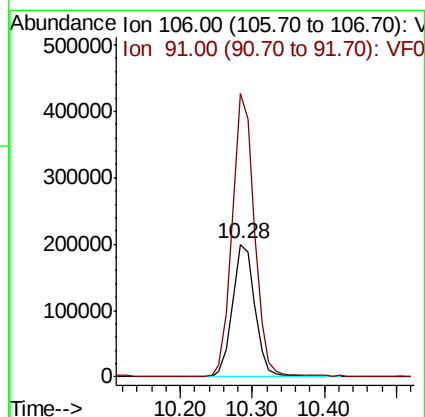
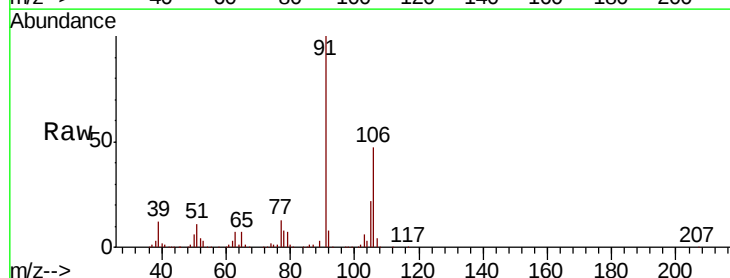
Acq: 22 Aug 2018 11:16

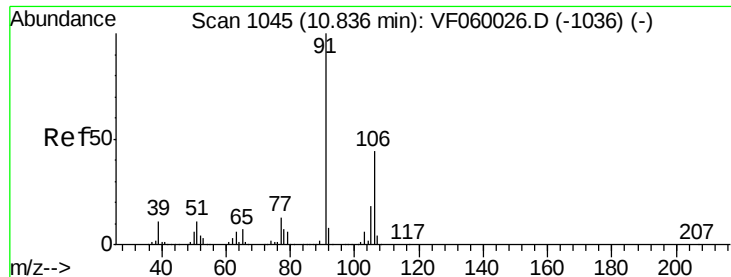
Tgt Ion: 106 Resp: 435864

Ion Ratio Lower Upper

106 100

91 212.9 171.8 257.8

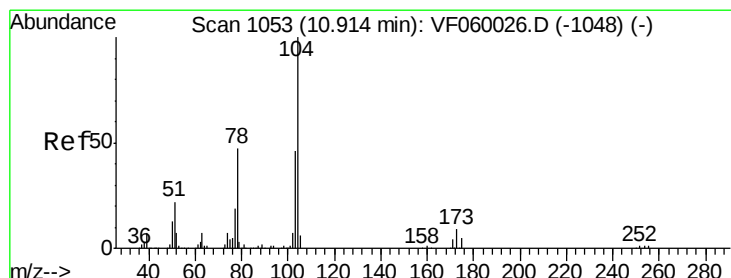
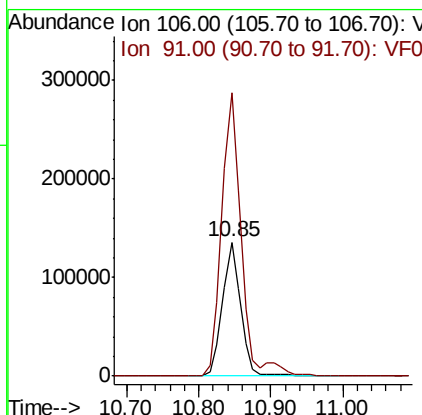
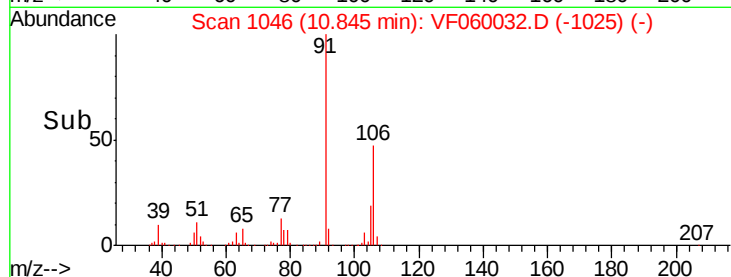
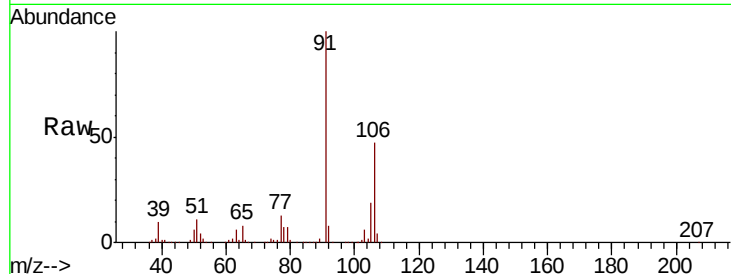




#69  
o-Xylene  
Concen: 50.792 ug/l  
RT: 10.85 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

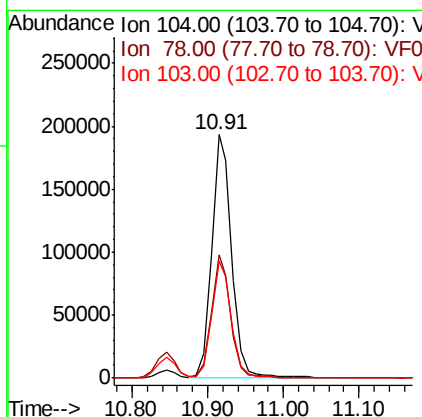
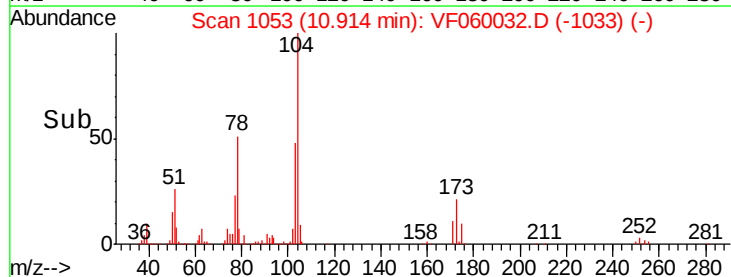
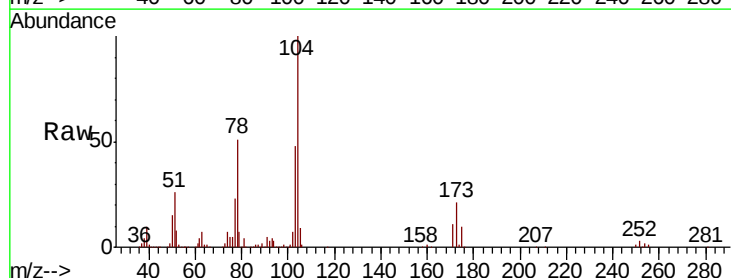
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

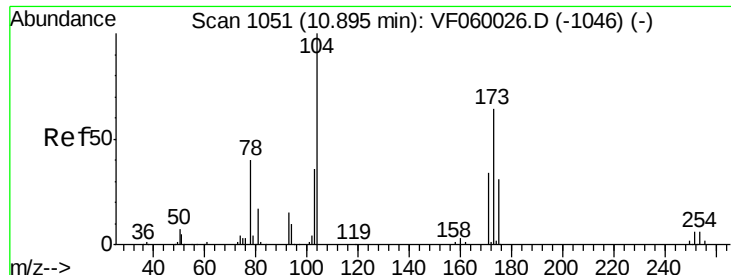
Tgt Ion:106 Resp: 237415  
Ion Ratio Lower Upper  
106 100  
91 211.7 112.5 337.5



#70  
Styrene  
Concen: 49.687 ug/l  
RT: 10.91 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion:104 Resp: 356317  
Ion Ratio Lower Upper  
104 100  
78 50.7 38.0 57.0  
103 48.2 37.6 56.4





#71

Bromoform

Concen: 51.790 ug/l

RT: 10.90 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

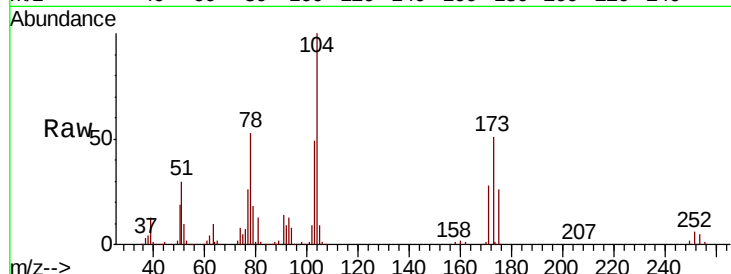
Tgt Ion:173 Resp: 94761

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

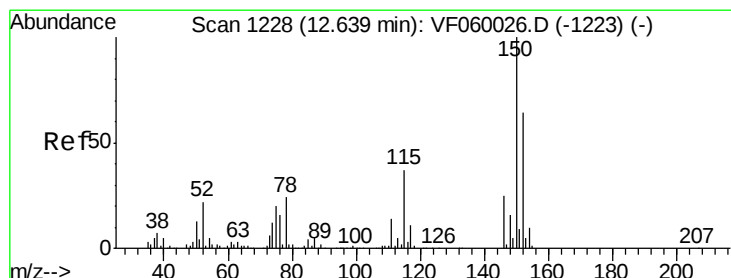
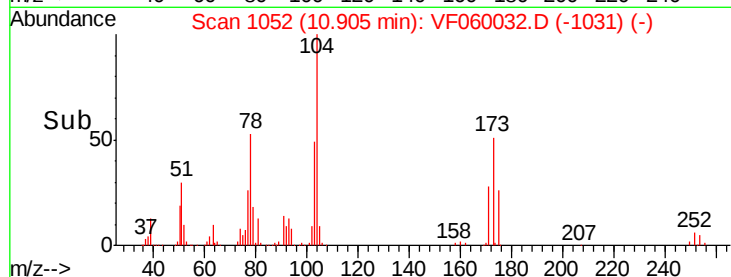
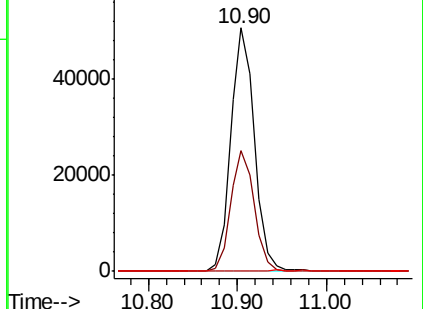
254 0.0 0.0 0.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

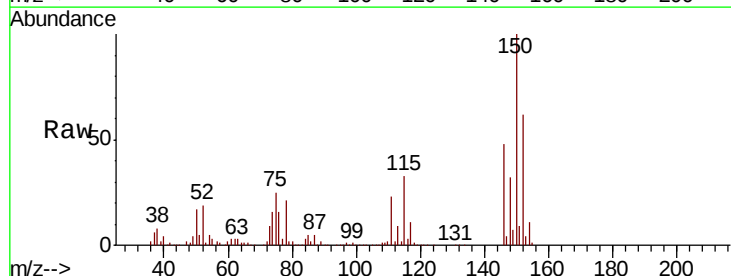
Tgt Ion:152 Resp: 213977

Ion Ratio Lower Upper

152 100

115 53.5 28.6 85.9

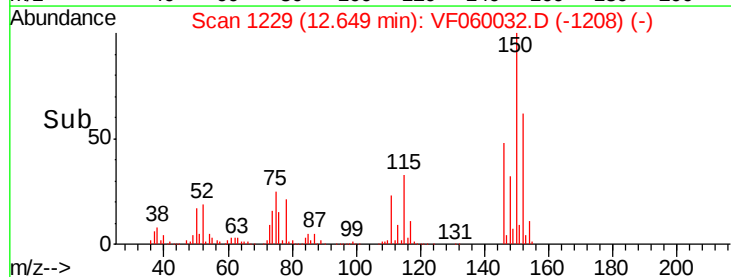
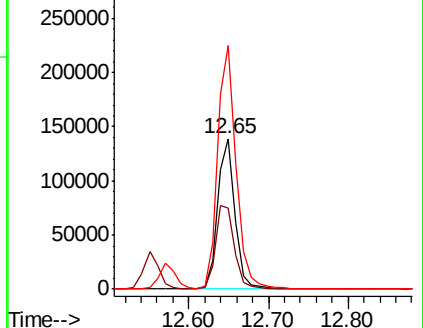
150 161.9 0.0 312.0

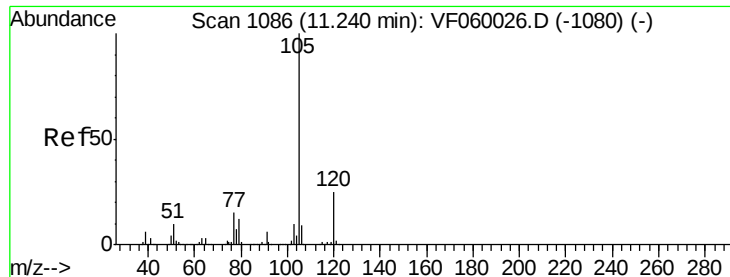


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 53.609 ug/l

RT: 11.24 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

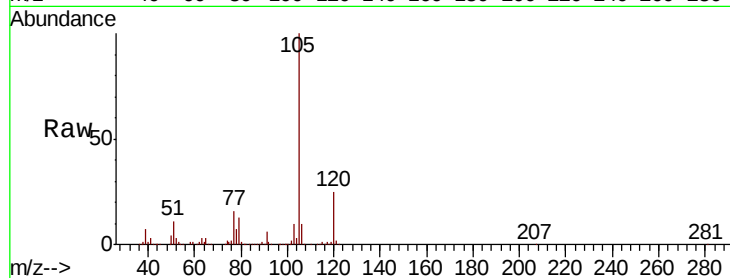
VSTDCCC050

Tgt Ion: 105 Resp: 690488

Ion Ratio Lower Upper

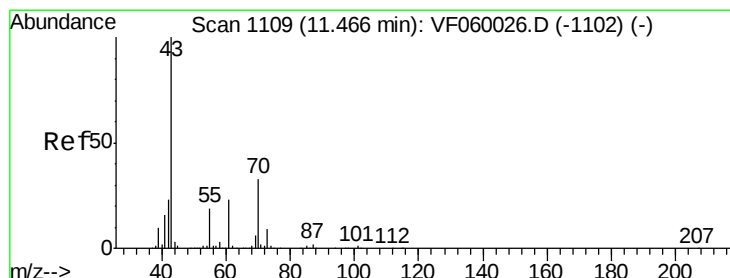
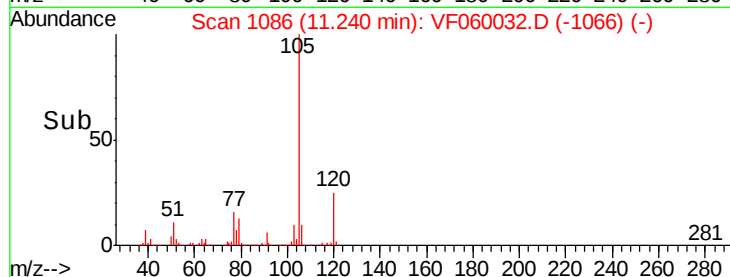
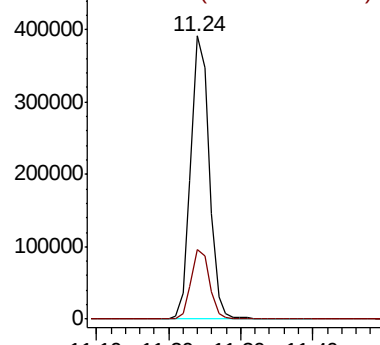
105 100

120 24.8 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.316 ug/l

RT: 11.48 min Scan# 1110

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Tgt Ion: 43 Resp: 221457

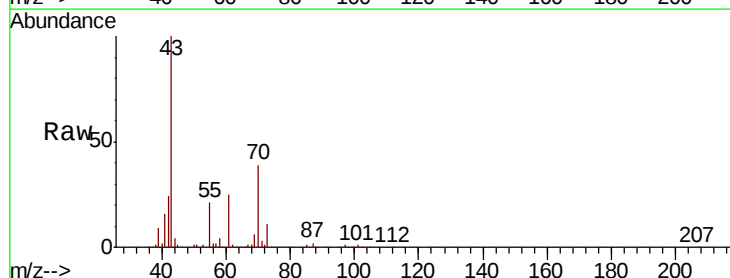
Ion Ratio Lower Upper

43 100

70 38.5 26.4 39.6

55 20.9 15.0 22.4

61 25.1 18.4 27.6

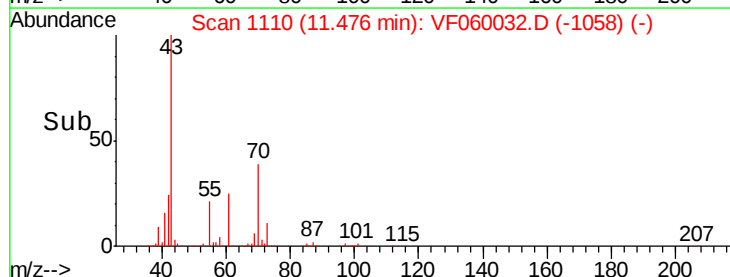
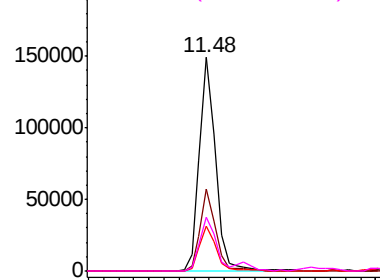


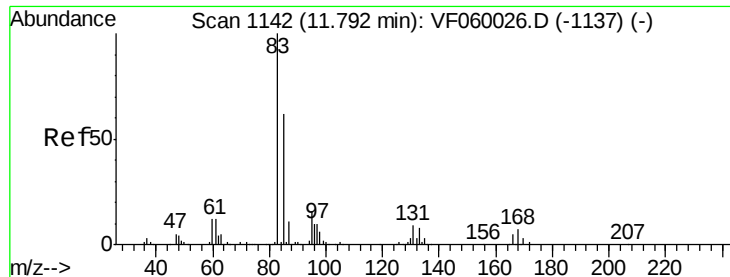
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.984 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

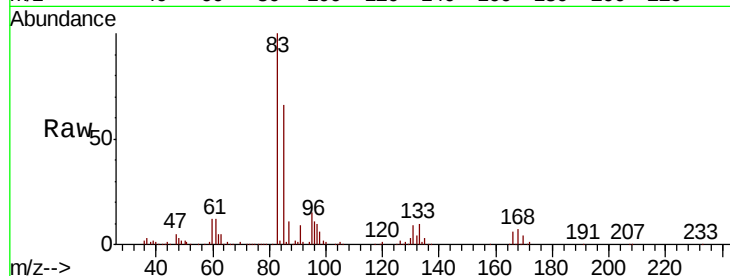
Tgt Ion: 83 Resp: 151853

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

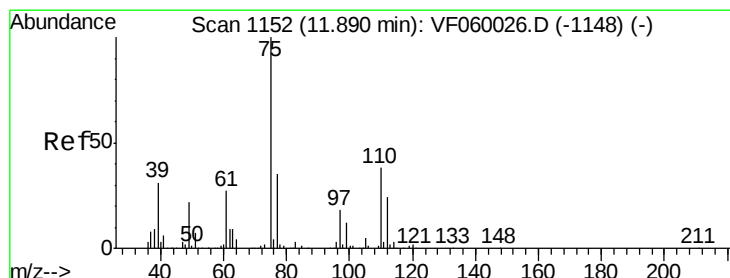
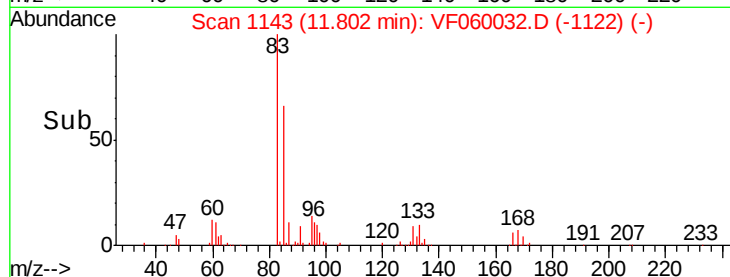
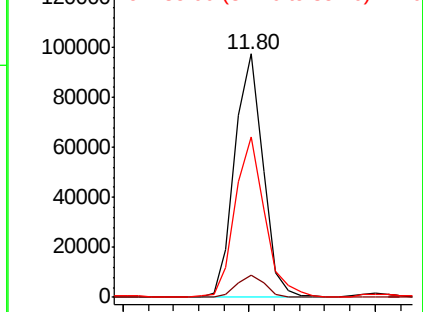
85 66.0 31.3 93.9



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 51.533 ug/l

RT: 11.90 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF060032.D

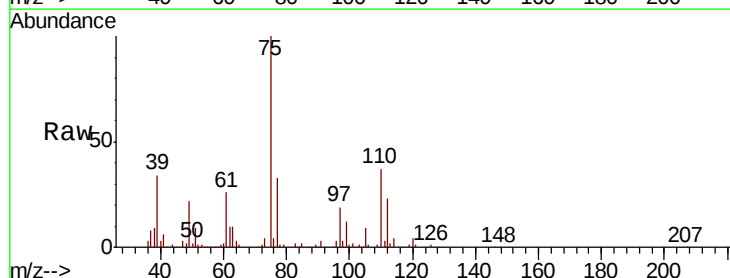
Acq: 22 Aug 2018 11:16

Tgt Ion: 75 Resp: 112414

Ion Ratio Lower Upper

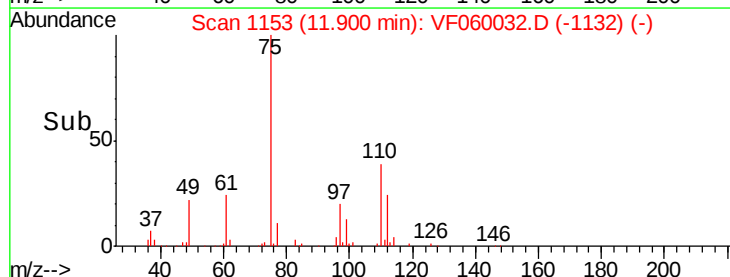
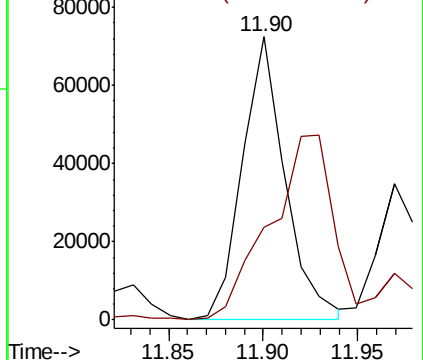
75 100

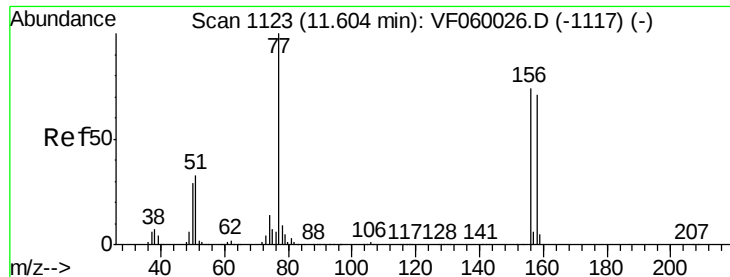
77 32.6 17.3 52.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 51.066 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

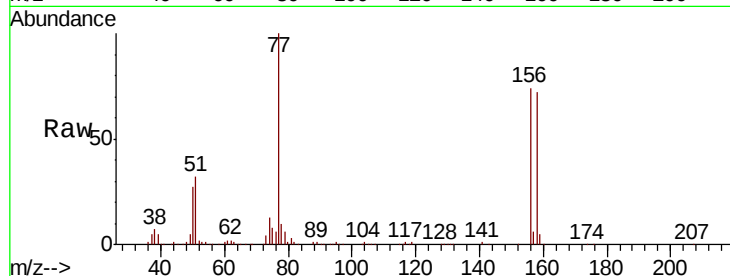
Tgt Ion:156 Resp: 178875

Ion Ratio Lower Upper

156 100

77 135.3 68.0 204.0

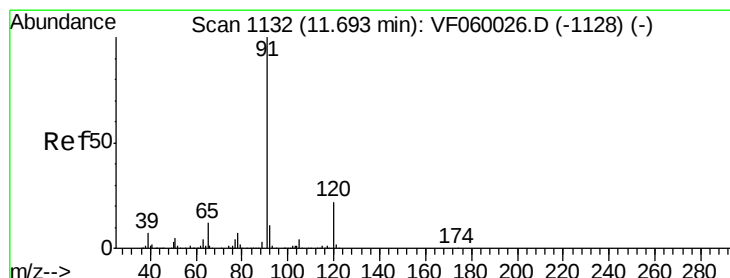
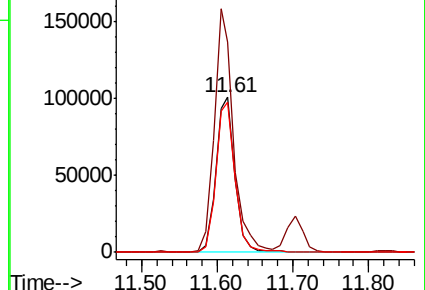
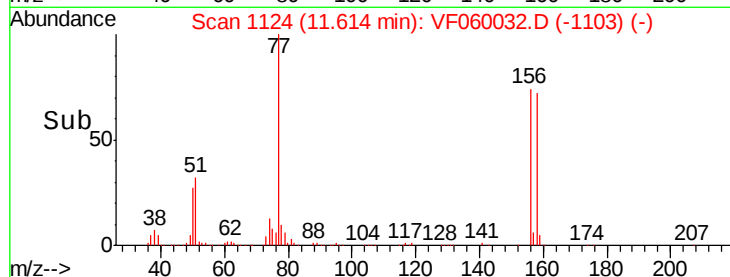
158 97.1 48.4 145.3



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 51.616 ug/l

RT: 11.70 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF060032.D

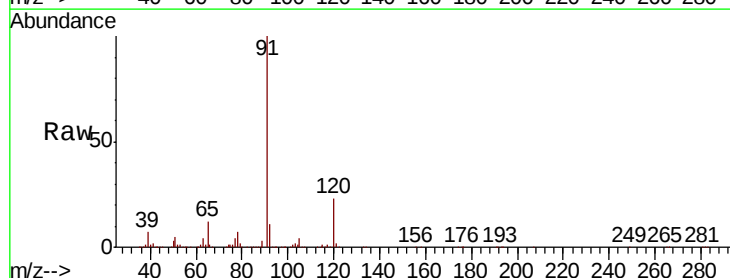
Acq: 22 Aug 2018 11:16

Tgt Ion: 91 Resp: 820550

Ion Ratio Lower Upper

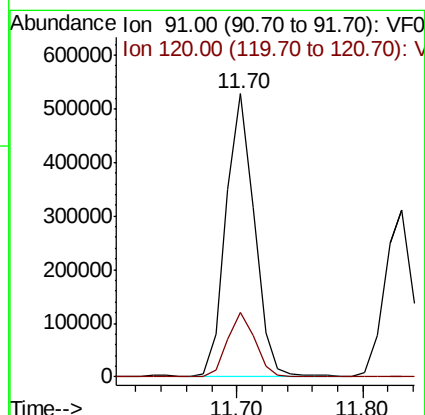
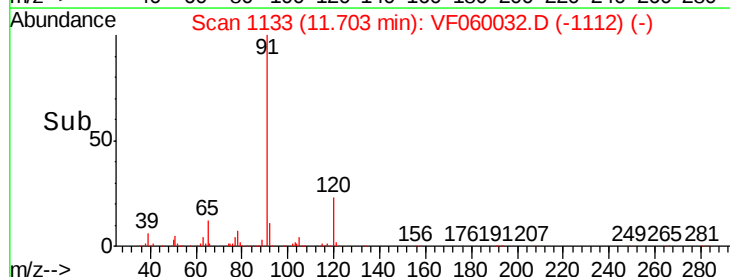
91 100

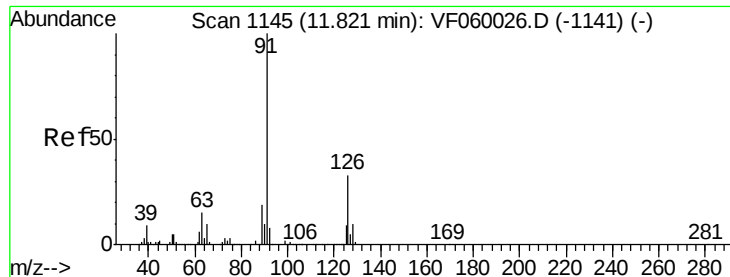
120 23.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

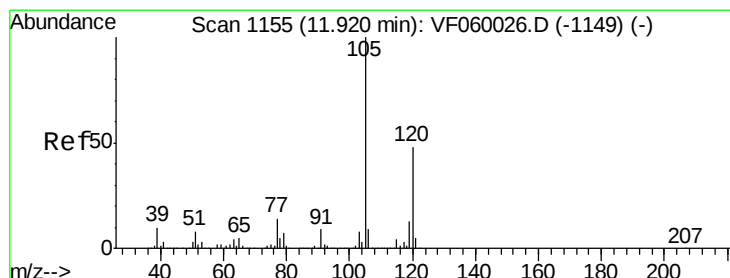
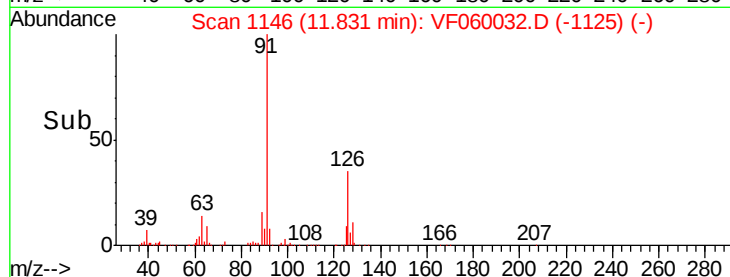
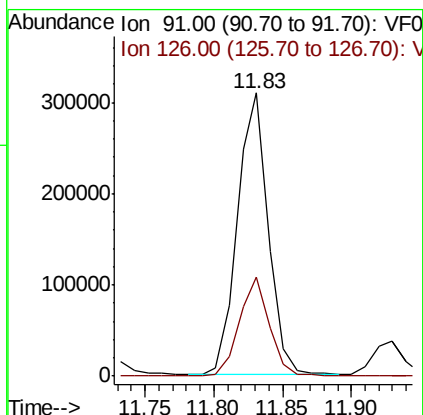
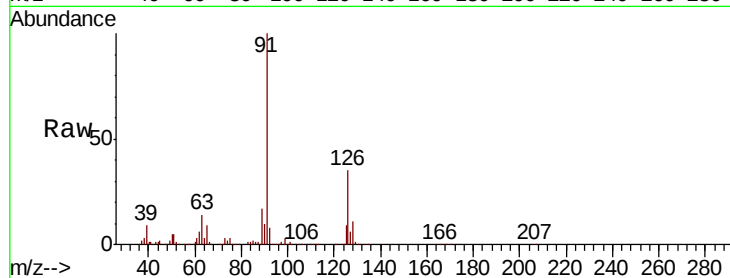




#79  
 2-Chlorotoluene  
 Concen: 51.277 ug/l  
 RT: 11.83 min Scan# 1146  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

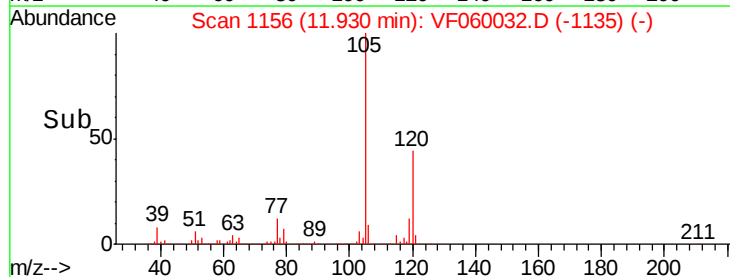
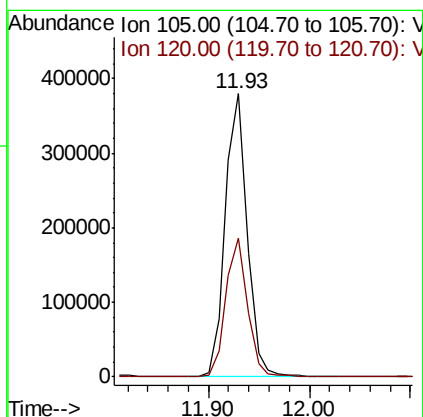
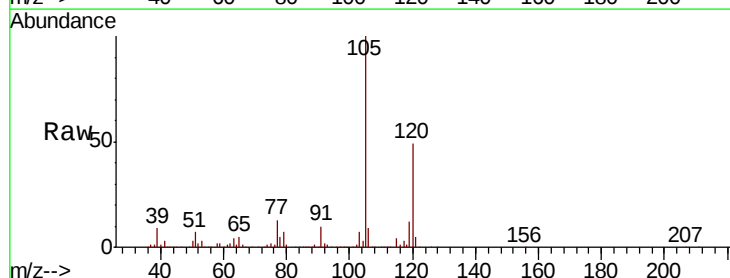
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

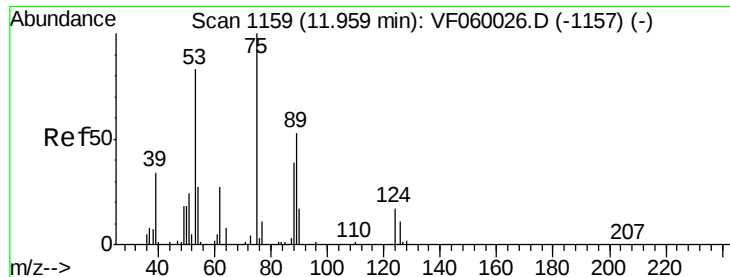
Tgt Ion: 91 Resp: 479332  
 Ion Ratio Lower Upper  
 91 100  
 126 35.1 16.6 49.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.182 ug/l  
 RT: 11.93 min Scan# 1156  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion: 105 Resp: 574336  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 70.670 ug/l

RT: 11.97 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

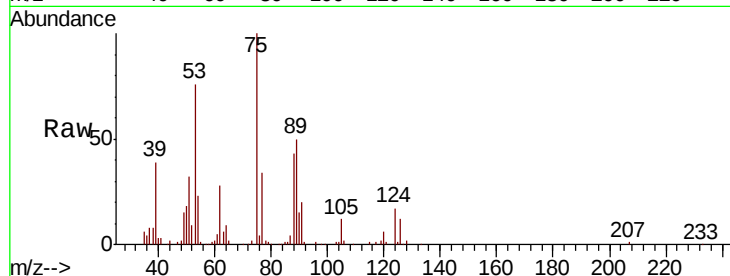
Tgt Ion: 75 Resp: 70535

Ion Ratio Lower Upper

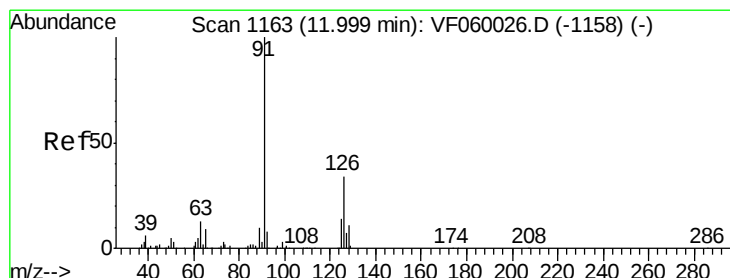
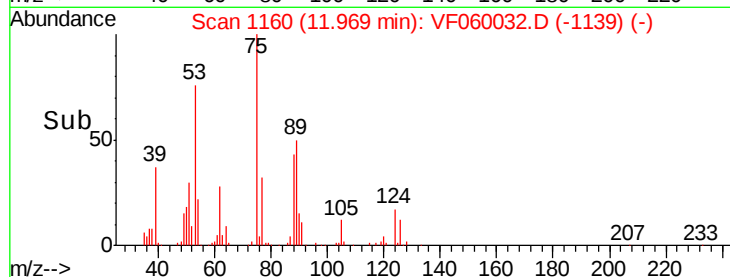
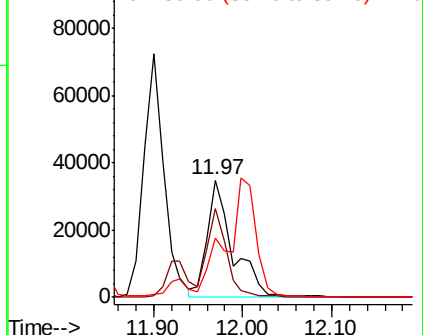
75 100

53 75.9 66.2 99.4

89 50.2 42.8 64.2



Abundance Ion 75.00 (74.70 to 75.70): VF0  
Ion 53.00 (52.70 to 53.70): VF0  
Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 50.969 ug/l

RT: 12.01 min Scan# 1164

Delta R.T. 0.01 min

Lab File: VF060032.D

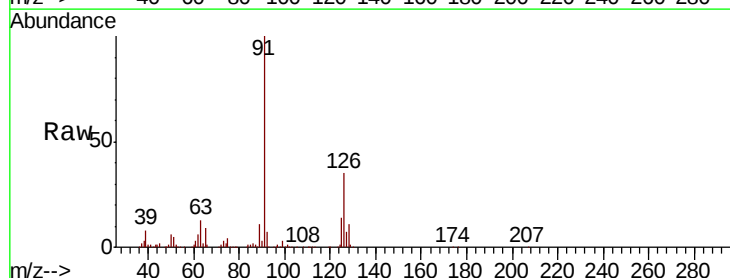
Acq: 22 Aug 2018 11:16

Tgt Ion: 91 Resp: 517283

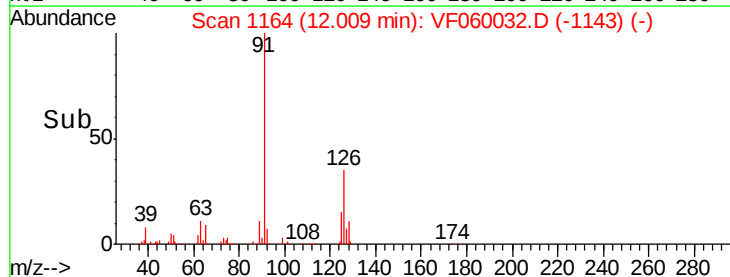
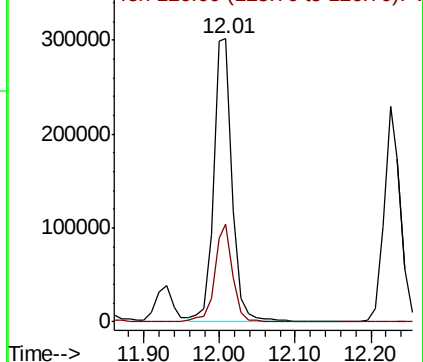
Ion Ratio Lower Upper

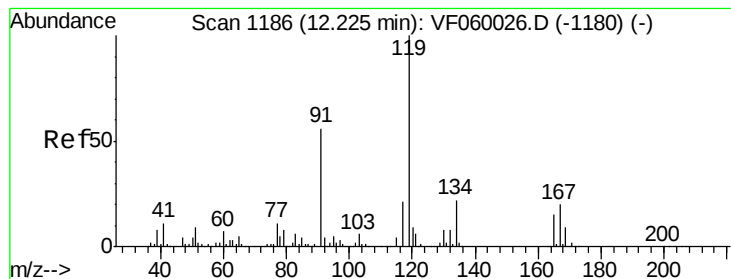
91 100

126 34.6 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VF0  
Ion 126.00 (125.70 to 126.70): V





#83

tert-Butylbenzene

Concen: 53.018 ug/l

RT: 12.23 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

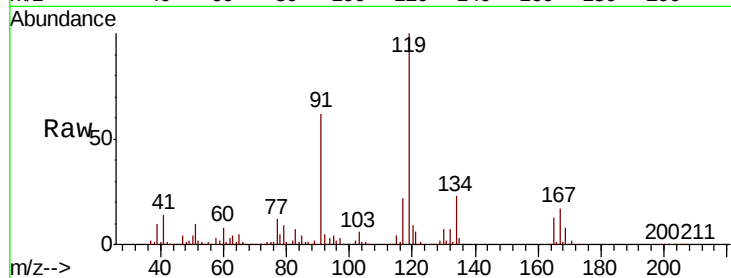
Tgt Ion:119 Resp: 580270

Ion Ratio Lower Upper

119 100

91 62.0 28.1 84.3

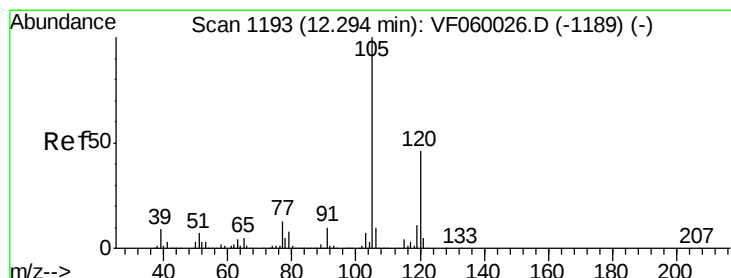
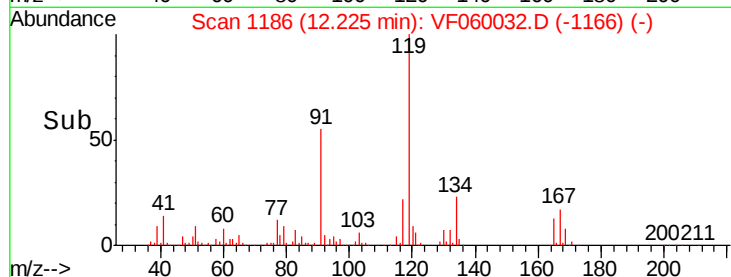
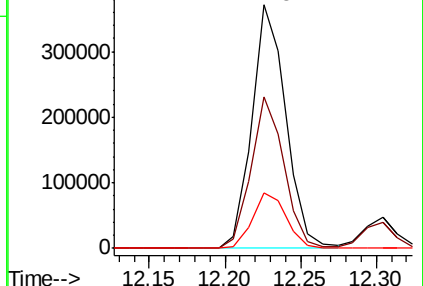
134 22.7 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.535 ug/l

RT: 12.30 min Scan# 1194

Delta R.T. 0.01 min

Lab File: VF060032.D

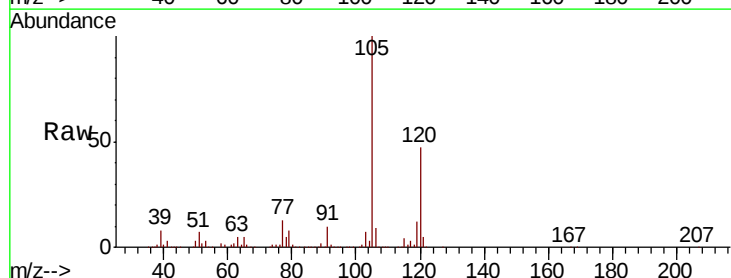
Acq: 22 Aug 2018 11:16

Tgt Ion:105 Resp: 590933

Ion Ratio Lower Upper

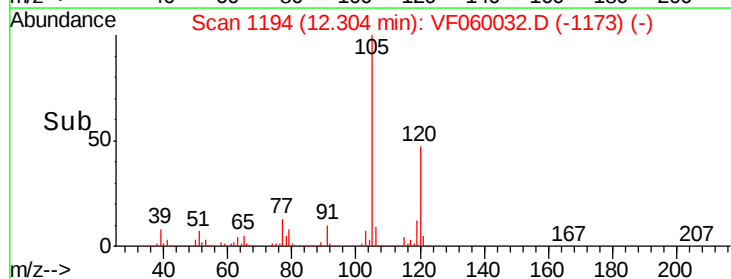
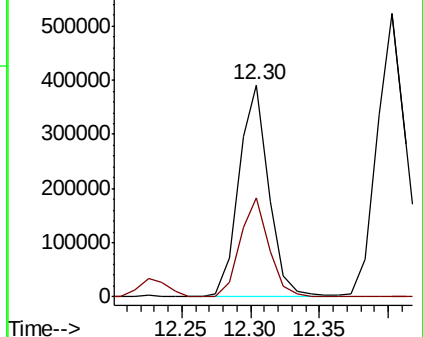
105 100

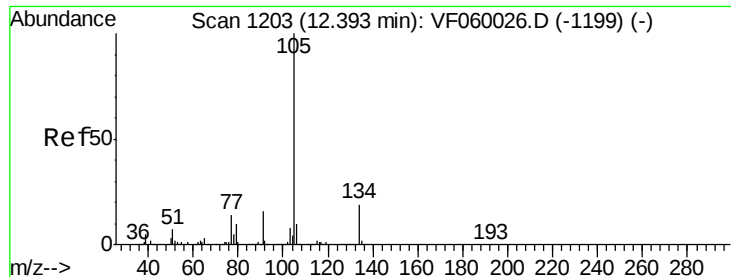
120 46.8 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

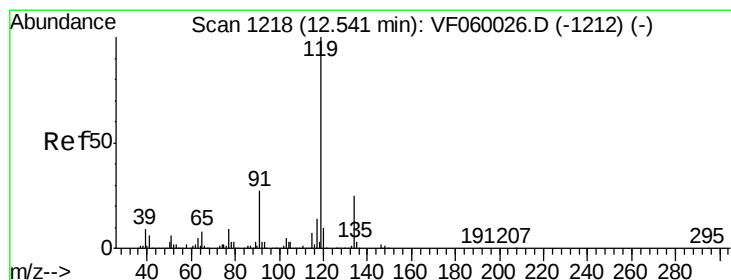
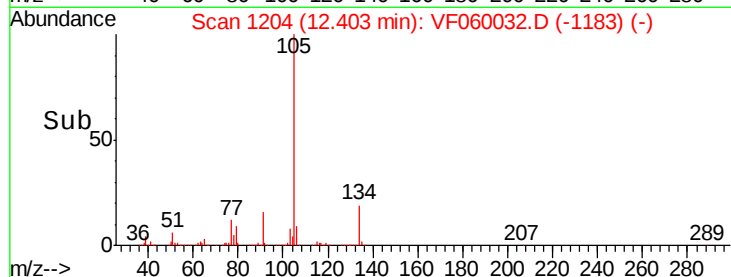
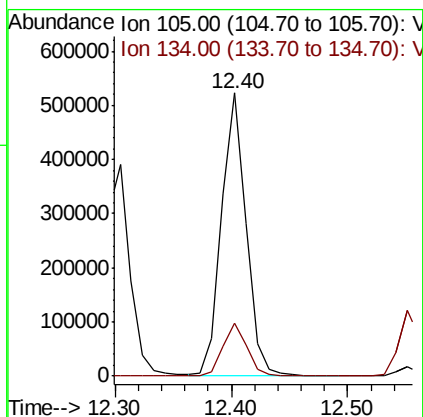
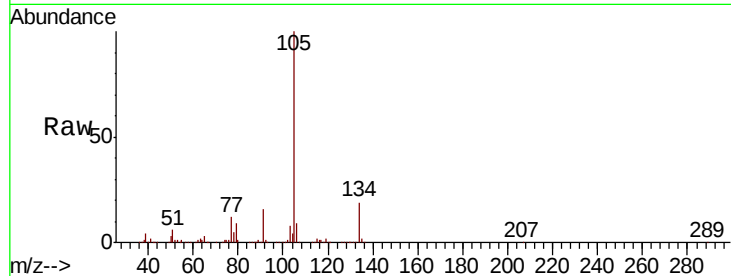




#85  
 sec-Butylbenzene  
 Concen: 50.355 ug/l  
 RT: 12.40 min Scan# 1204  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

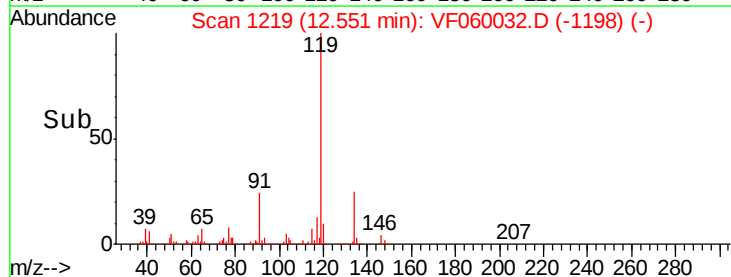
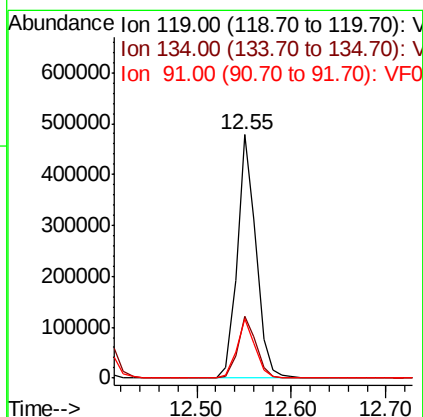
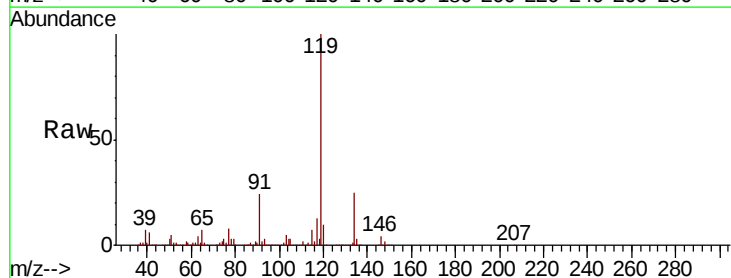
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

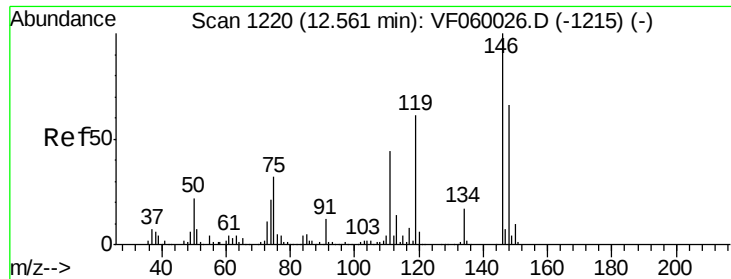
Tgt Ion:105 Resp: 767242  
 Ion Ratio Lower Upper  
 105 100  
 134 18.7 9.3 27.9



#86  
 p-Isopropyltoluene  
 Concen: 51.872 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion:119 Resp: 655700  
 Ion Ratio Lower Upper  
 119 100  
 134 25.2 12.4 37.2  
 91 24.5 13.5 40.4

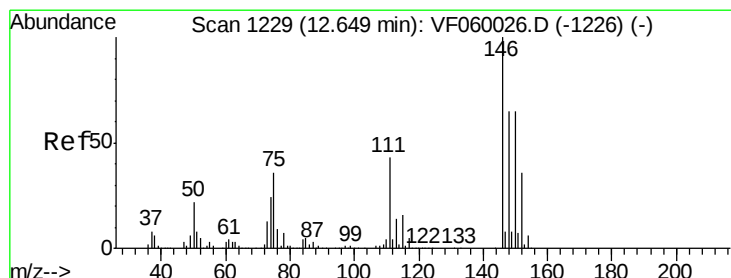
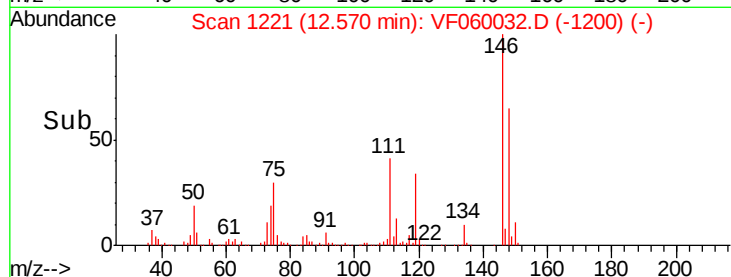
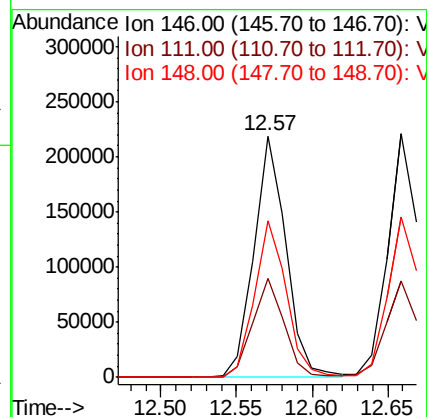
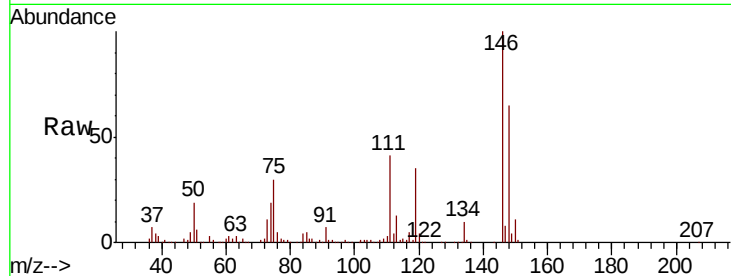




#87  
 1,3-Dichlorobenzene  
 Concen: 50.074 ug/l  
 RT: 12.57 min Scan# 1221  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

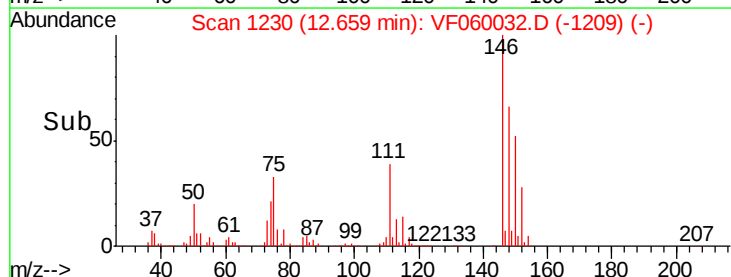
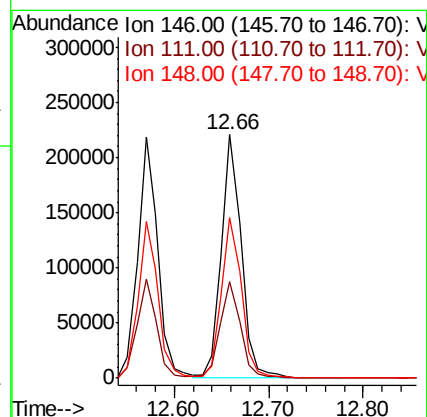
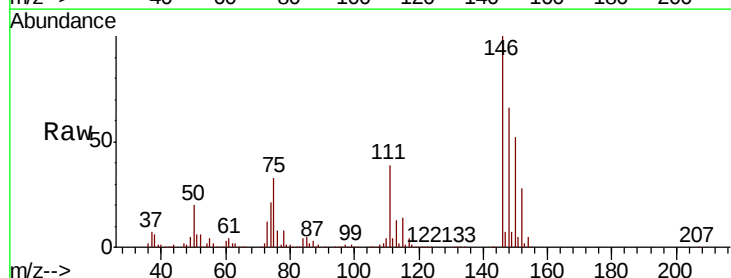
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

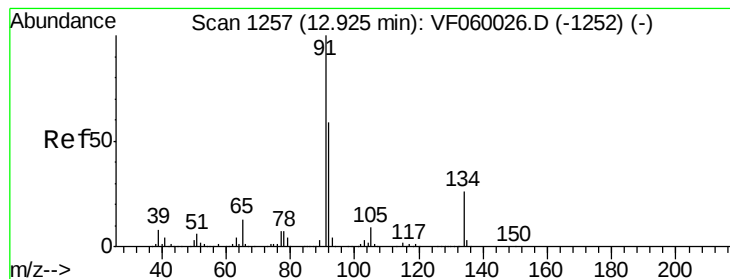
Tgt Ion:146 Resp: 324312  
 Ion Ratio Lower Upper  
 146 100  
 111 40.9 21.9 65.5  
 148 64.9 32.9 98.7



#88  
 1,4-Dichlorobenzene  
 Concen: 50.173 ug/l  
 RT: 12.66 min Scan# 1230  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

Tgt Ion:146 Resp: 322939  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 21.6 64.8  
 148 65.7 32.3 96.8





#89

n-Butylbenzene

Concen: 54.760 ug/l

RT: 12.94 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

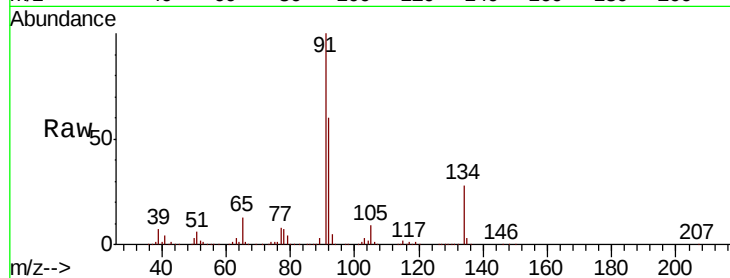
Tgt Ion: 91 Resp: 672510

Ion Ratio Lower Upper

91 100

92 60.3 29.3 87.9

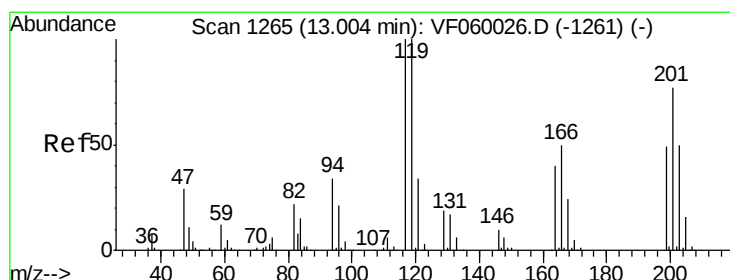
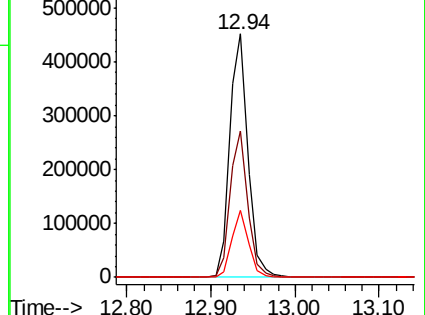
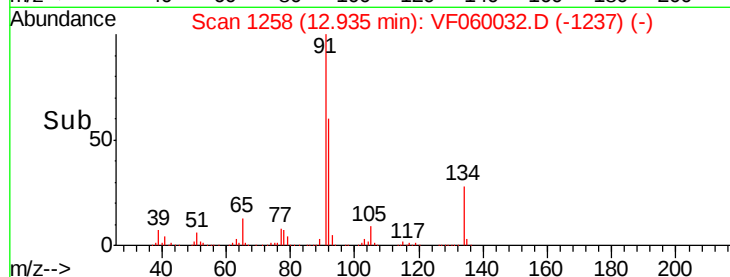
134 27.6 12.8 38.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 52.909 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VF060032.D

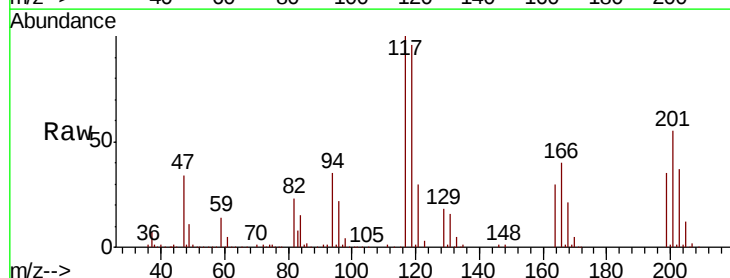
Acq: 22 Aug 2018 11:16

Tgt Ion: 117 Resp: 150289

Ion Ratio Lower Upper

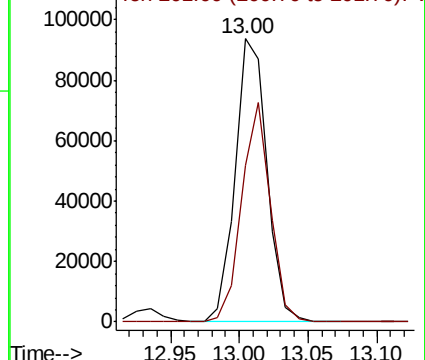
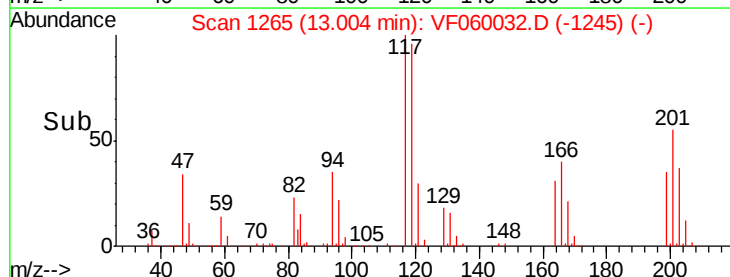
117 100

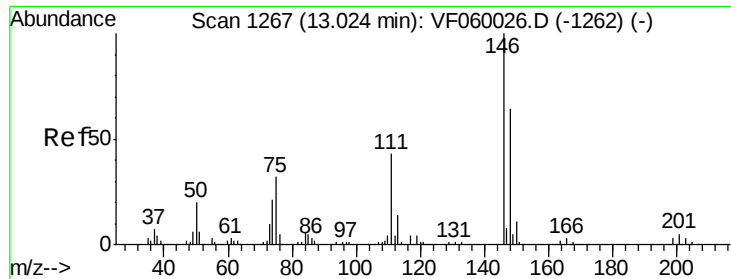
201 55.1 38.6 115.8



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 51.551 ug/l

RT: 13.03 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

Instrument :

MSVOA\_F

ClientSampleId :

VSTDCCC050

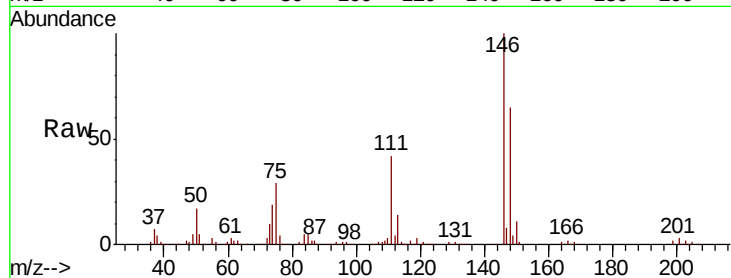
Tgt Ion: 146 Resp: 321098

Ion Ratio Lower Upper

146 100

111 42.1 21.6 64.6

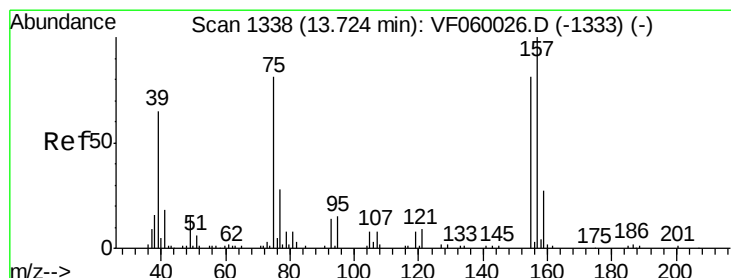
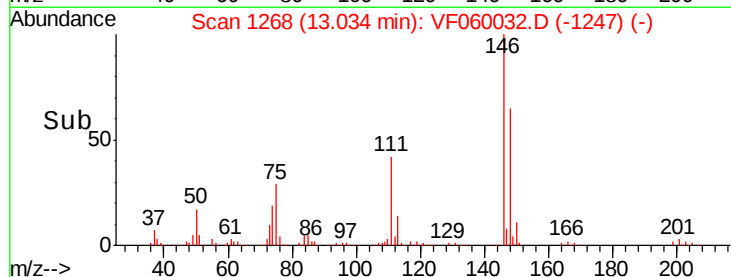
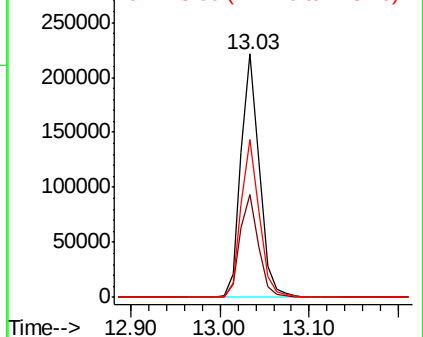
148 64.6 32.3 96.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.364 ug/l

RT: 13.72 min Scan# 1338

Delta R.T. 0.00 min

Lab File: VF060032.D

Acq: 22 Aug 2018 11:16

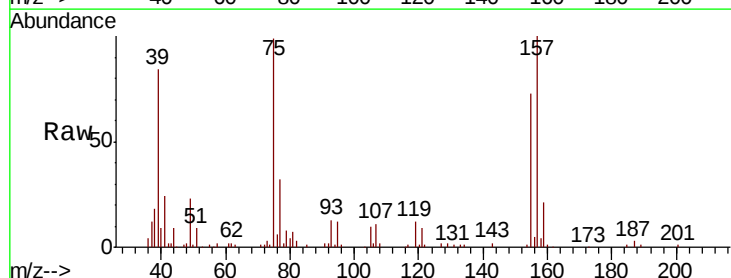
Tgt Ion: 75 Resp: 31825

Ion Ratio Lower Upper

75 100

155 73.4 49.8 149.3

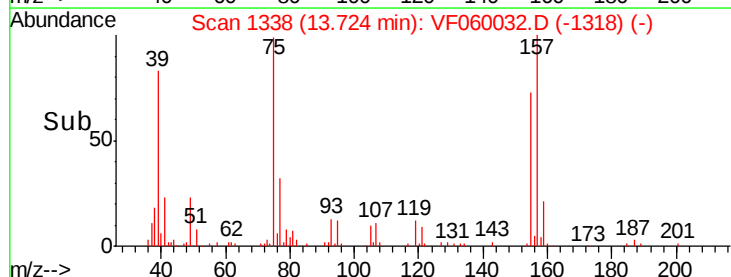
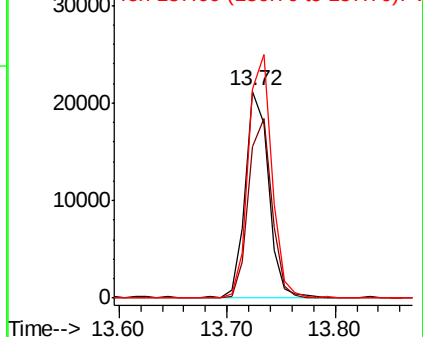
157 101.1 61.6 184.7

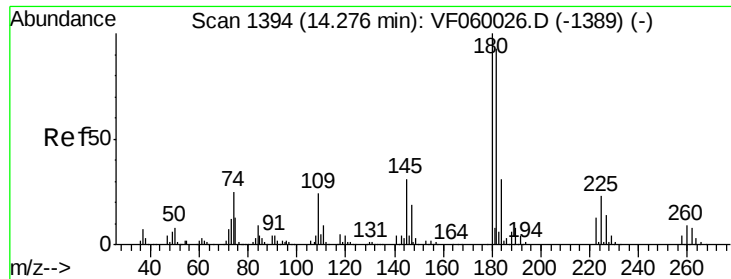


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

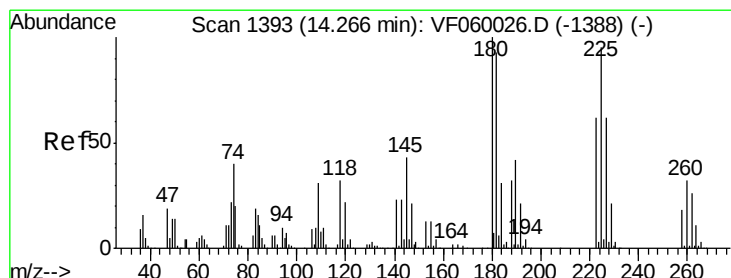
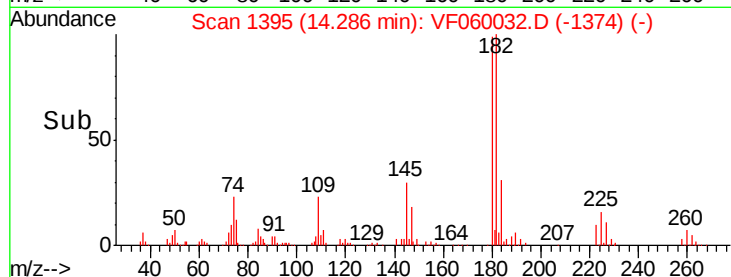
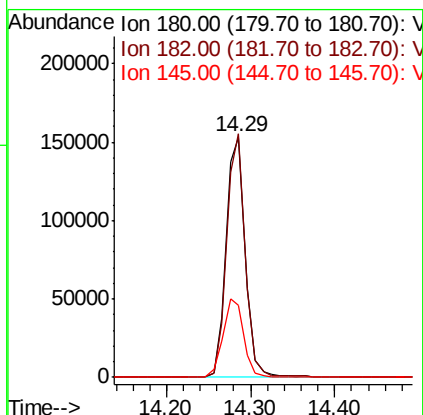
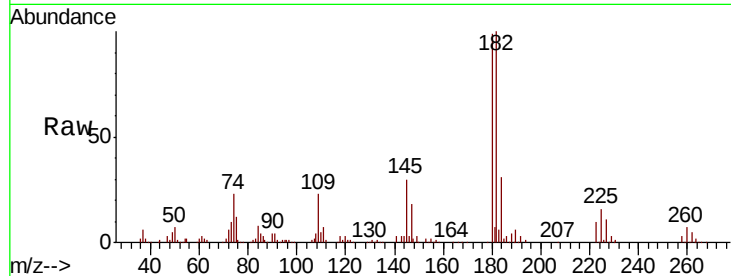




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.750 ug/l  
 RT: 14.29 min Scan# 1395  
 Delta R.T. 0.01 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

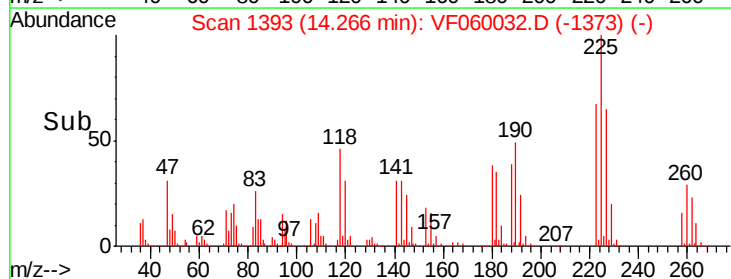
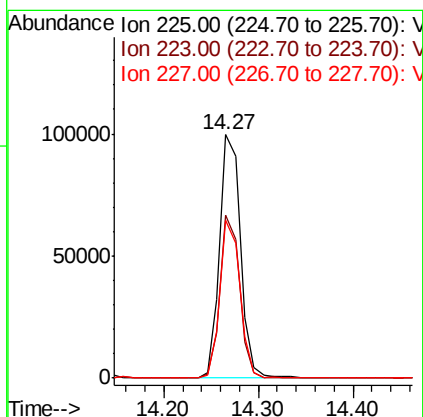
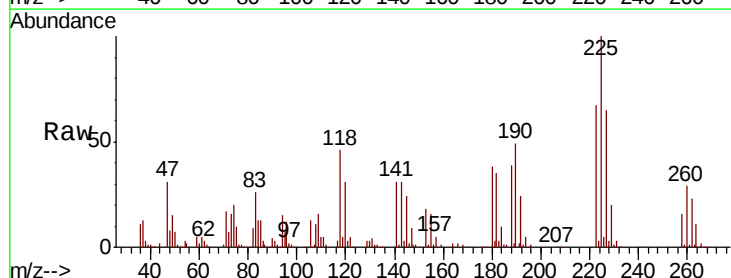
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDCCC050

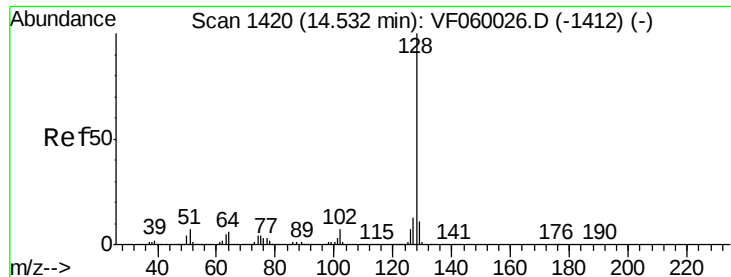
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 101.4 | 46.8  | 140.3 |
| 145     | 30.1  | 15.4  | 46.4  |



#94  
 Hexachlorobutadiene  
 Concen: 53.252 ug/l  
 RT: 14.27 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VF060032.D  
 Acq: 22 Aug 2018 11:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.9  | 32.6  | 97.8  |
| 227     | 64.9  | 33.0  | 98.9  |

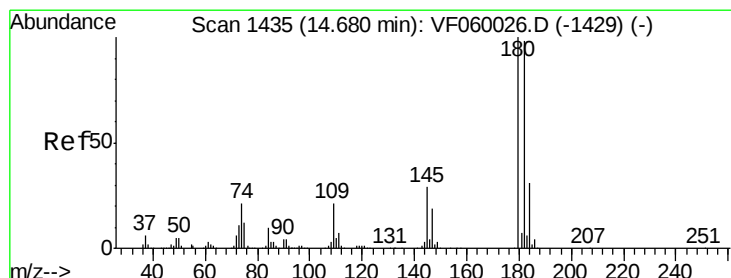
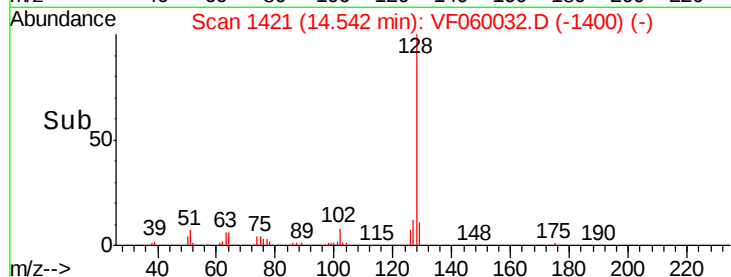
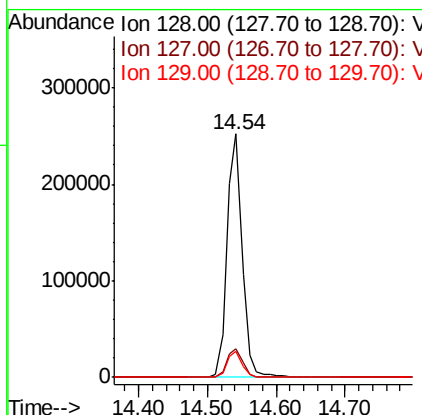
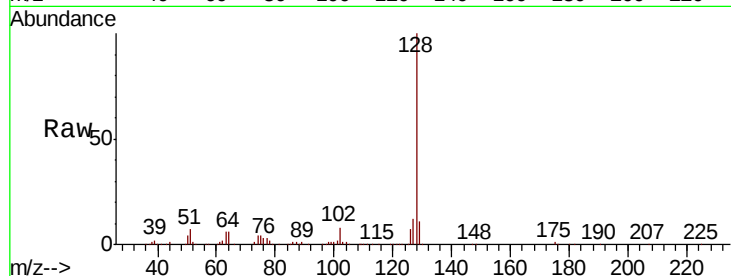




#95  
Naphthalene  
Concen: 48.313 ug/l  
RT: 14.54 min Scan# 1421  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDCCC050

Tgt Ion:128 Resp: 383840  
Ion Ratio Lower Upper  
128 100  
127 11.8 10.4 15.6  
129 10.8 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 53.752 ug/l  
RT: 14.69 min Scan# 1436  
Delta R.T. 0.01 min  
Lab File: VF060032.D  
Acq: 22 Aug 2018 11:16

Tgt Ion:180 Resp: 235224  
Ion Ratio Lower Upper  
180 100  
182 97.7 49.0 147.2  
145 30.4 14.4 43.2

