

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\  
 Data File : VX005522.D  
 Acq On : 23 Oct 2018 15:47  
 Operator : JC/MD  
 Sample : J5622-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 24 01:13:58 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 12 11:28:43 2018  
 Response via : Initial Calibration

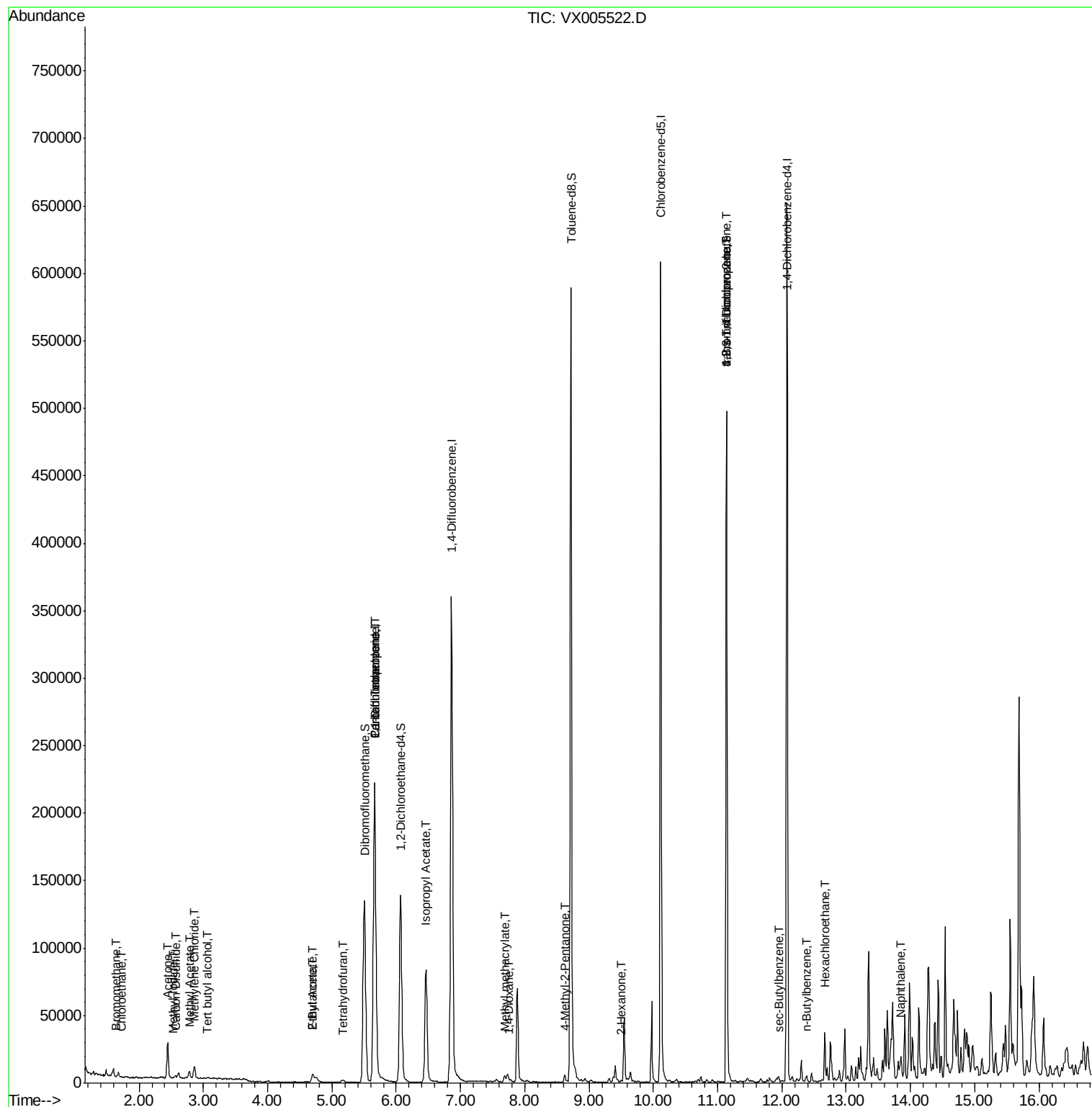
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 227388   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.86   | 114  | 363575   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12  | 117  | 282209   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 133768   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 134730   | 53.39     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 106.78% |          |
| 35) Dibromofluoromethane       | 5.51   | 113  | 118680   | 49.28     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 98.56%  |          |
| 50) Toluene-d8                 | 8.72   | 98   | 375115   | 45.38     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 90.76%  |          |
| 62) 4-Bromofluorobenzene       | 11.14  | 95   | 124432   | 40.07     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 80.14%  |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 5) Bromomethane                | 1.65   | 94   | 395      | 0.849     | ug/l    | 85       |
| 6) Chloroethane                | 1.73   | 64   | 107      | 0.397     | ug/l #  | 44       |
| 10) Methyl Iodide              | 2.52   | 142  | 106      | 2.534     | ug/l #  | 66       |
| 11) Tert butyl alcohol         | 3.07   | 59   | 1156     | 1.624     | ug/l #  | 88       |
| 13) Acrolein                   | 2.30   | 56   | 458      | Below Cal | #       | 45       |
| 16) Acetone                    | 2.45   | 43   | 27050    | 18.538    | ug/l    | 95       |
| 17) Carbon Disulfide           | 2.57   | 76   | 2373     | 0.393     | ug/l #  | 81       |
| 18) Methyl Acetate             | 2.78   | 43   | 6357     | 1.531     | ug/l    | 91       |
| 20) Methylene Chloride         | 2.86   | 84   | 3757     | 0.471     | ug/l #  | 95       |
| 25) 2-Butanone                 | 4.70   | 43   | 11565    | 5.417     | ug/l    | 90       |
| 29) Tetrahydrofuran            | 5.17   | 42   | 1922     | 1.411     | ug/l #  | 55       |
| 36) 1,1-Dichloropropene        | 5.67   | 75   | 14949    | 4.245     | ug/l #  | 50       |
| 37) Ethyl Acetate              | 4.70   | 43   | 11565    | 2.554     | ug/l #  | 67       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 19441    | 5.495     | ug/l #  | 15       |
| 43) Isopropyl Acetate          | 6.46   | 43   | 113162   | 18.760    | ug/l    | 94       |
| 48) Methyl methacrylate        | 7.69   | 41   | 5649     | 1.806     | ug/l #  | 20       |
| 49) 1,4-Dioxane                | 7.76   | 88   | 336      | 4.656     | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.62   | 43   | 2435     | 0.583     | ug/l #  | 34       |
| 59) 2-Hexanone                 | 9.50   | 43   | 840      | 0.250     | ug/l    | 91       |
| 76) 1,2,3-Trichloropropane     | 11.14  | 75   | 63001    | 24.280    | ug/l #  | 37       |
| 81) trans-1,4-Dichloro-2-buten | 11.14  | 75   | 63001    | 73.776    | ug/l #  | 10       |
| 85) sec-Butylbenzene           | 11.95  | 105  | 1667     | 0.204     | ug/l    | 94       |
| 89) n-Butylbenzene             | 12.39  | 91   | 1546     | 0.231     | ug/l    | 87       |
| 90) Hexachloroethane           | 12.67  | 117  | 1797     | 1.414     | ug/l #  | 3        |
| 95) Naphthalene                | 13.83  | 128  | 6729     | 0.729     | ug/l #  | 84       |

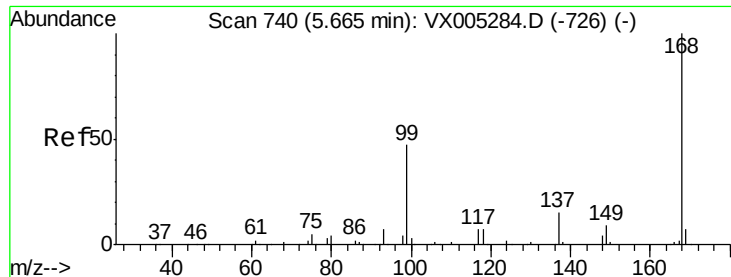
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102318\  
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Oct 24 01:13:58 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X101218W.M  
Quant Title : SW846 8260  
QLast Update : Fri Oct 12 11:28:43 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

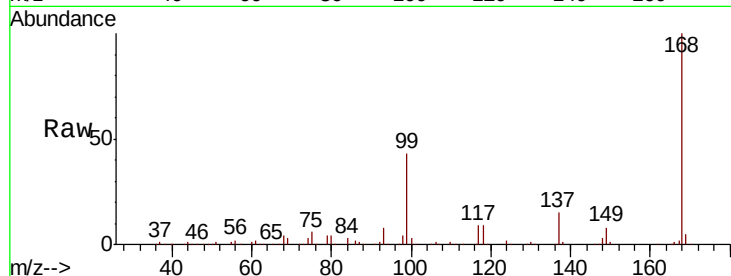
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 227388

Ion Ratio Lower Upper

168 100

99 42.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

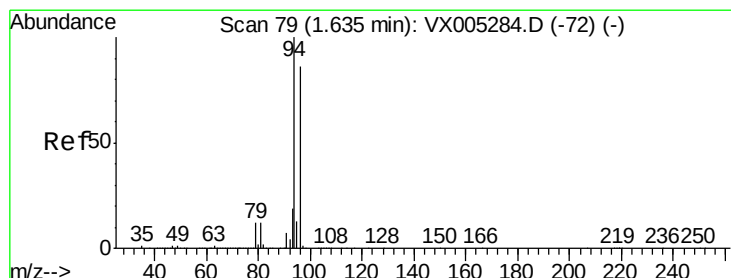
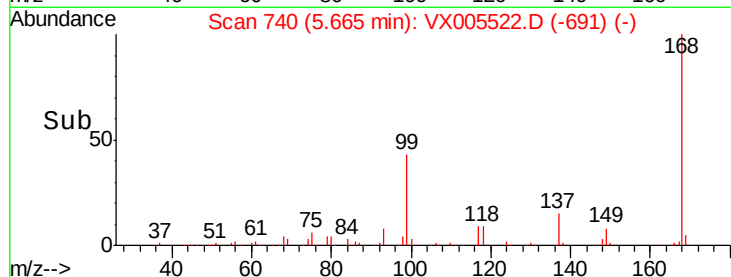
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.849 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005522.D

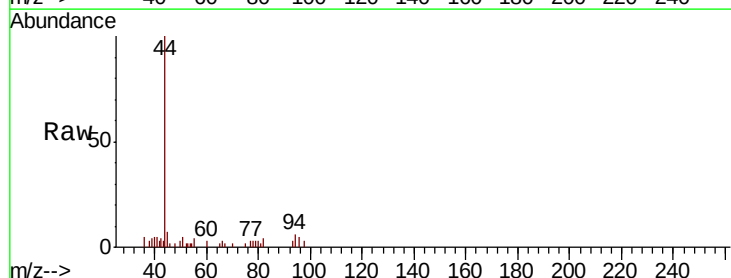
Acq: 23 Oct 2018 15:47

Tgt Ion: 94 Resp: 395

Ion Ratio Lower Upper

94 100

96 78.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

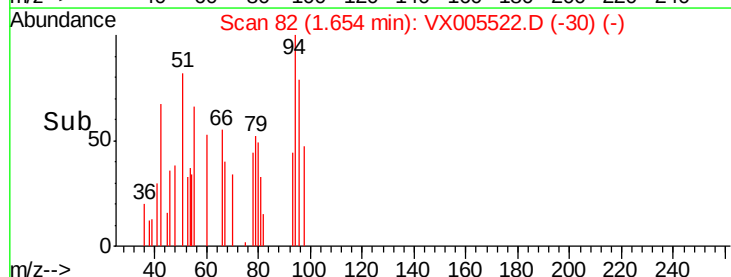
150

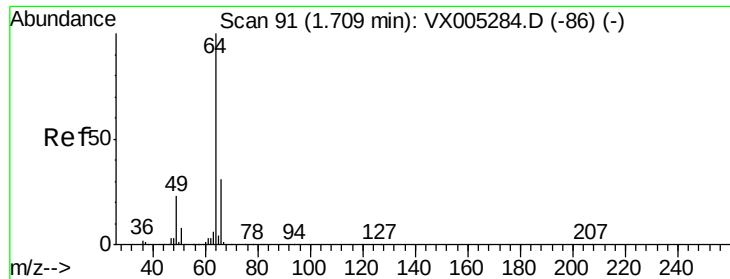
100

50

0

Time--> 1.60 1.65 1.70





#6

Chloroethane

Concen: 0.397 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

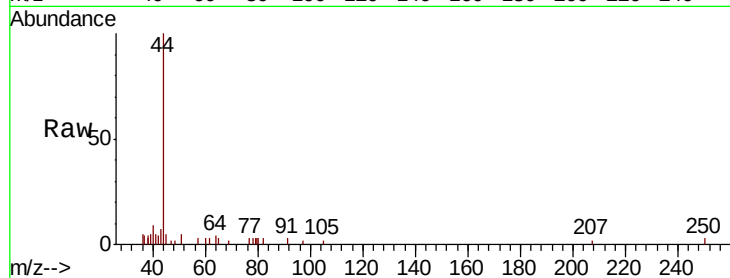
ClientSampled :

Tot Ion: 64 Resp: 107

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

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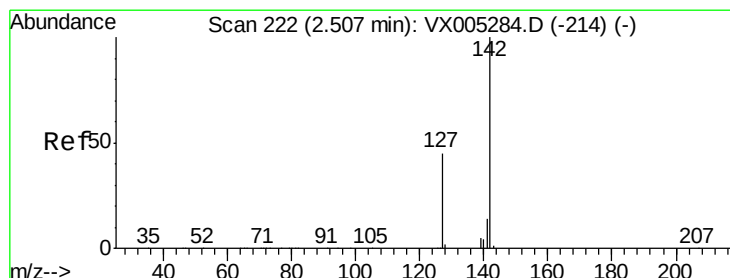
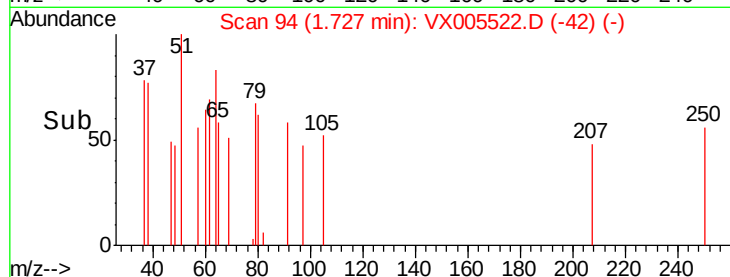
1.73

1.73

1.73

1.73

1.73



#10

Methyl Iodide

Concen: 2.534 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

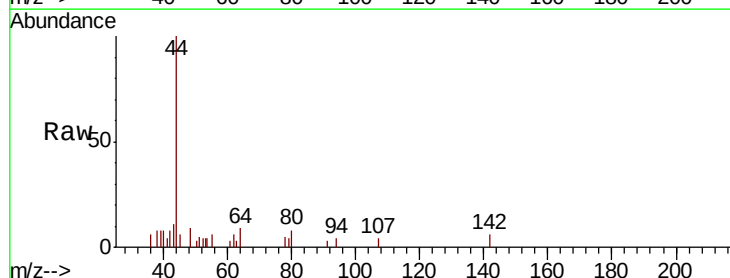
Tgt Ion:142 Resp: 106

Ion Ratio Lower Upper

142 100

127 20.8 33.8 50.6#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

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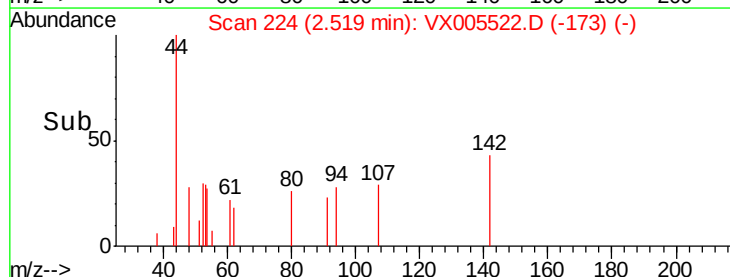
2.52

2.52

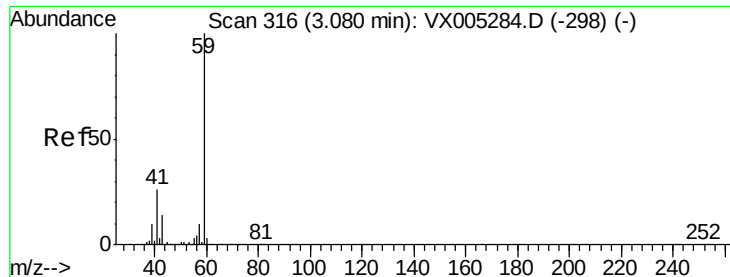
2.52

2.52

2.52



Time-->

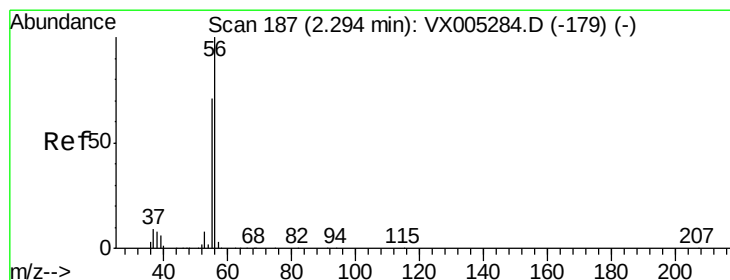
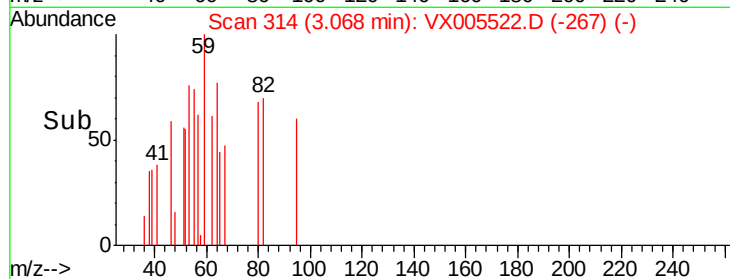
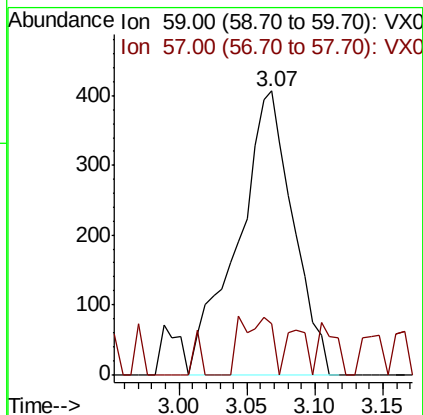
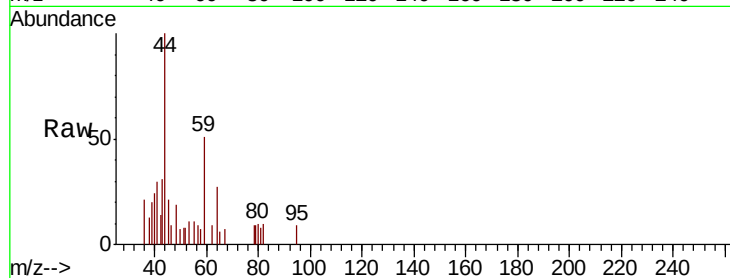


#11

Tert butyl alcohol  
Concen: 1.624 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Instrument :  
MSVOA\_X  
ClientSampleId :

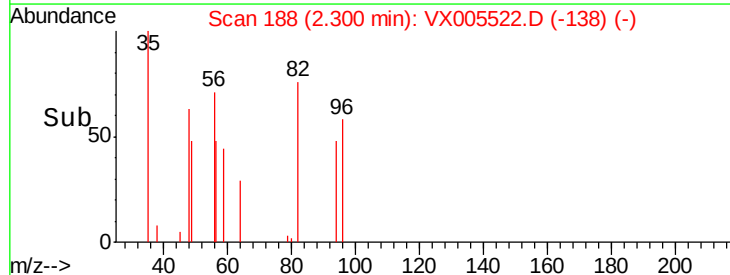
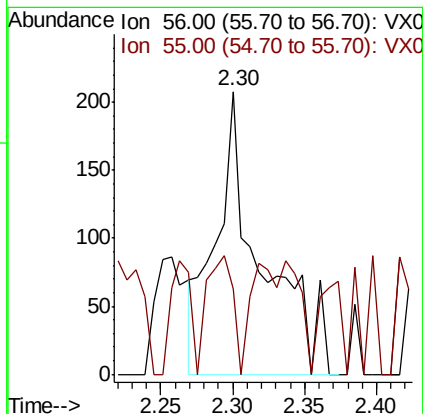
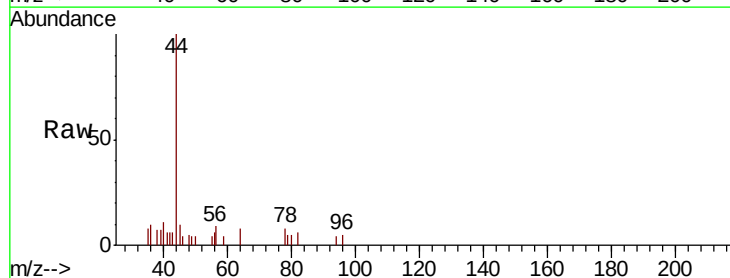
Tot Ion: 59 Resp: 1156  
Ion Ratio Lower Upper  
59 100  
57 5.8 8.2 12.4#

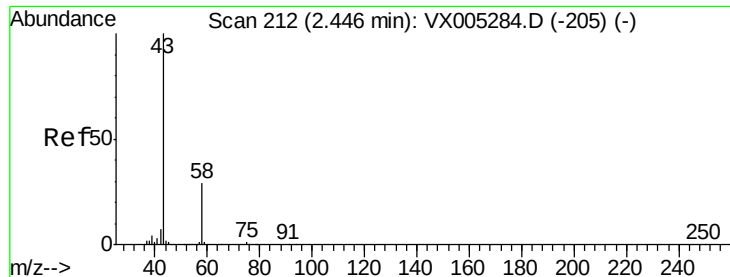


#13

Acrolein  
Concen: Below Cal  
RT: 2.30 min Scan# 188  
Delta R.T. 0.01 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Tgt Ion: 56 Resp: 458  
Ion Ratio Lower Upper  
56 100  
55 23.8 54.7 82.1#





#16

Acetone

Concen: 18.538 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

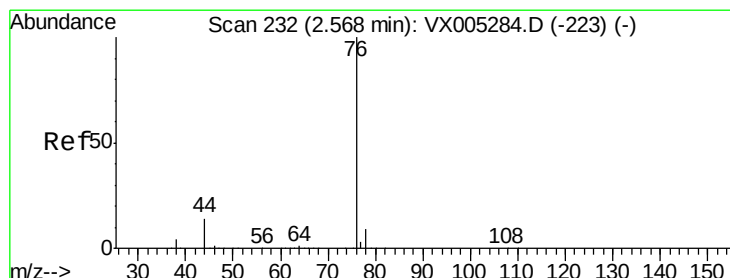
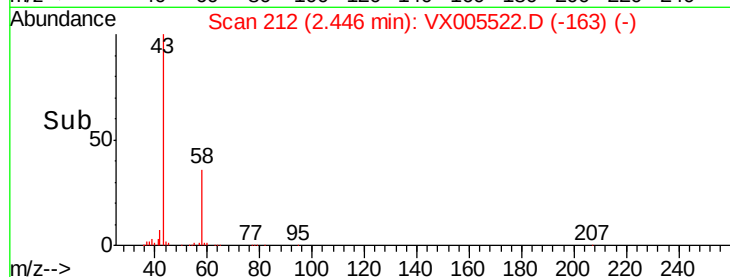
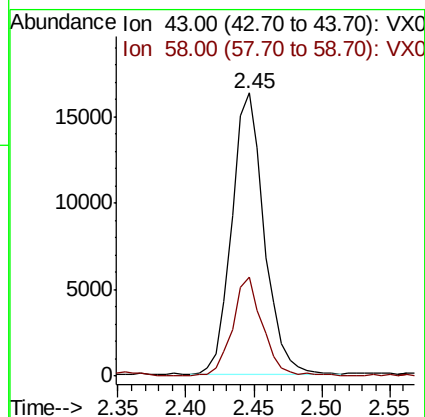
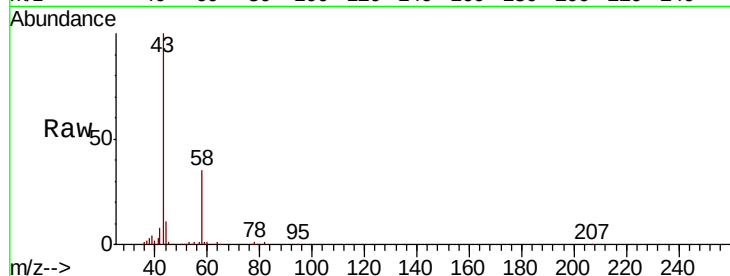
ClientSampleId :

Tot Ion: 43 Resp: 27050

Ion Ratio Lower Upper

43 100

58 35.4 26.2 39.4



#17

Carbon Disulfide

Concen: 0.393 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005522.D

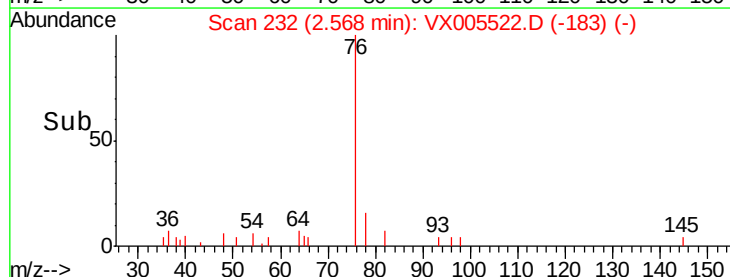
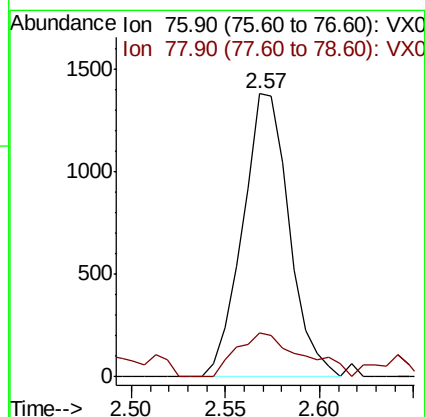
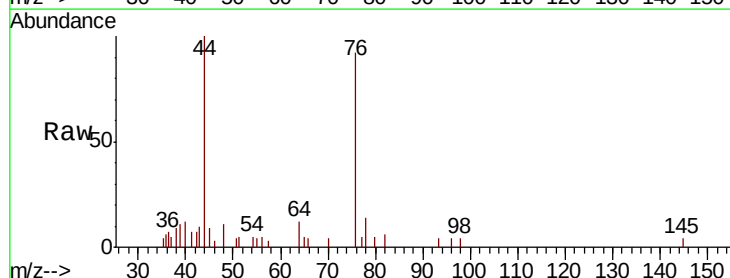
Acq: 23 Oct 2018 15:47

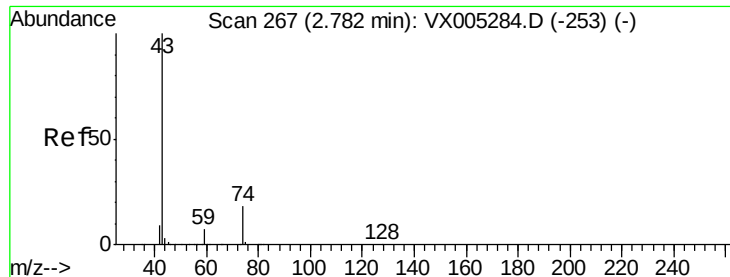
Tgt Ion: 76 Resp: 2373

Ion Ratio Lower Upper

76 100

78 15.7 7.0 10.6#





#18

Methyl Acetate

Concen: 1.531 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

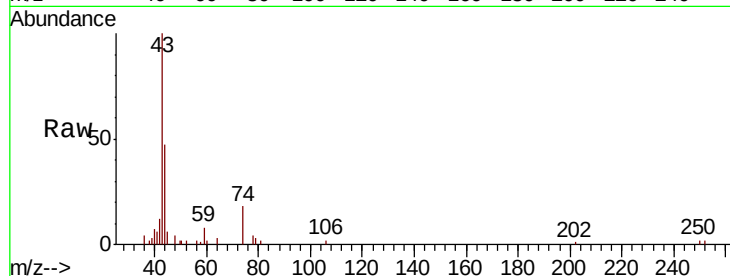
ClientSampleId :

Tot Ion: 43 Resp: 6357

Ion Ratio Lower Upper

43 100

74 20.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

4000

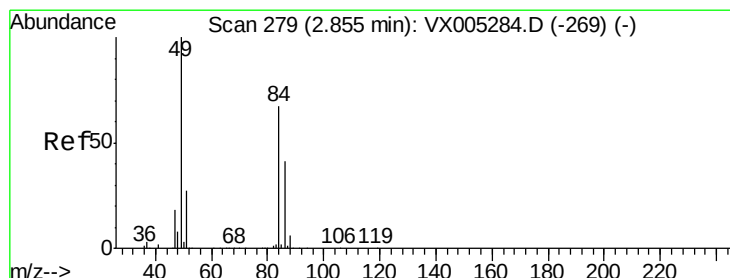
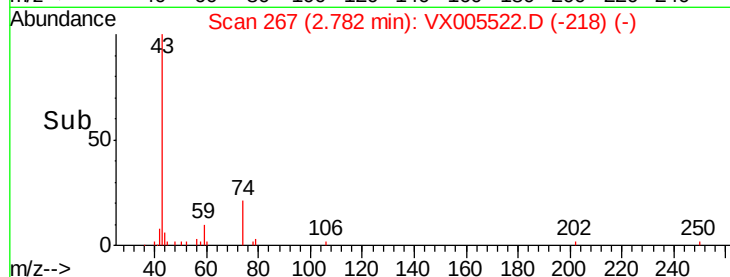
3000

2000

1000

0

Time--> 2.70 2.75 2.80 2.85



#20

Methylene Chloride

Concen: 0.471 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Tgt Ion: 84 Resp: 3757

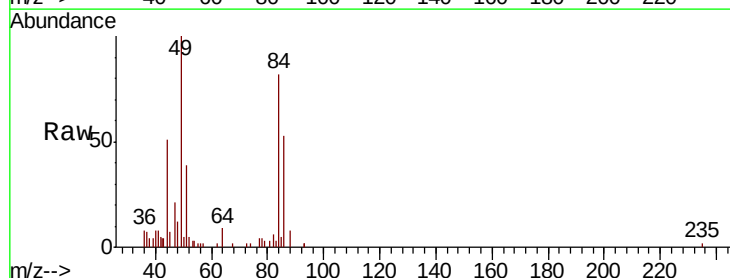
Ion Ratio Lower Upper

84 100

49 121.4 101.2 151.8

51 44.4 29.5 44.3#

86 64.8 52.3 78.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

4000

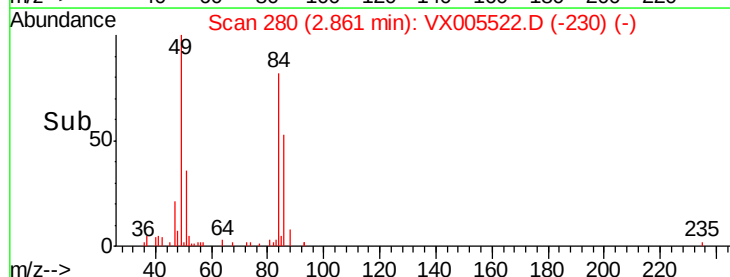
3000

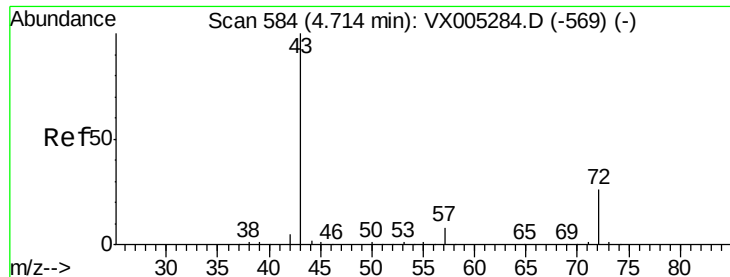
2000

1000

0

Time--> 2.80 2.85 2.90 2.95





#25

2-Butanone

Concen: 5.417 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

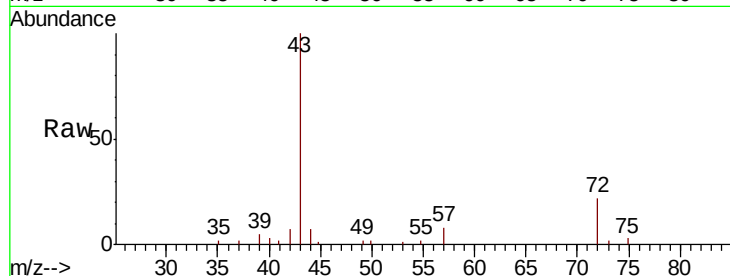
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 43 Resp: 11565

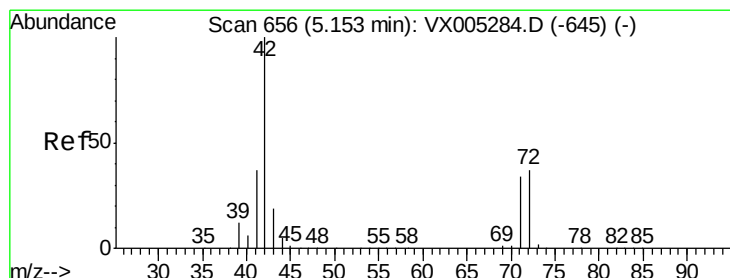
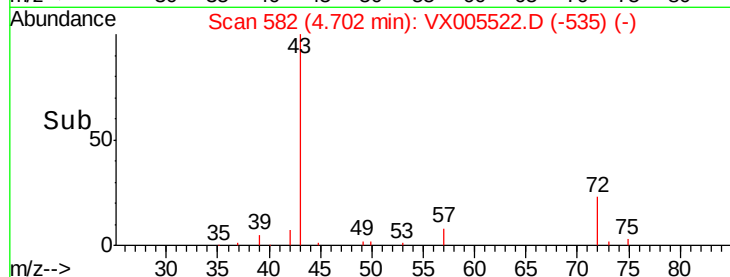
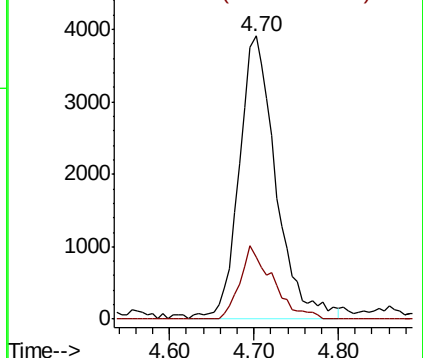
Ion Ratio Lower Upper

43 100

72 22.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 1.411 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

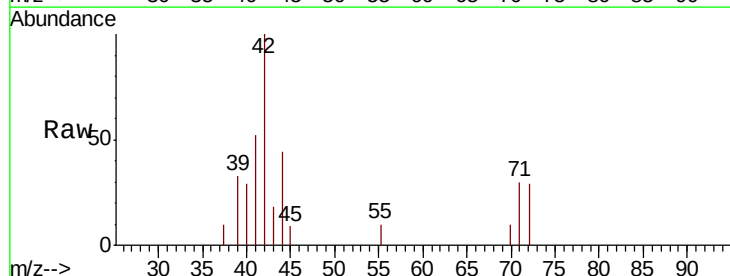
Tgt Ion: 42 Resp: 1922

Ion Ratio Lower Upper

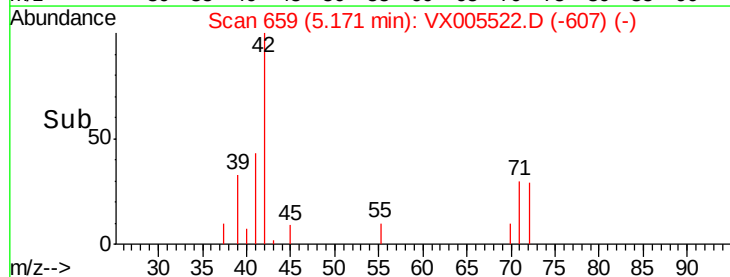
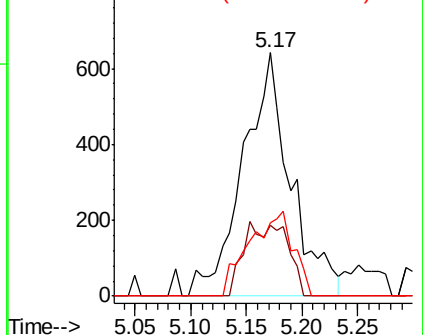
42 100

72 0.0 37.4 56.0#

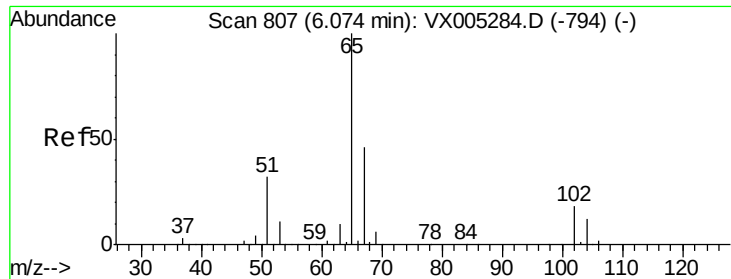
71 32.2 34.5 51.7#



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0



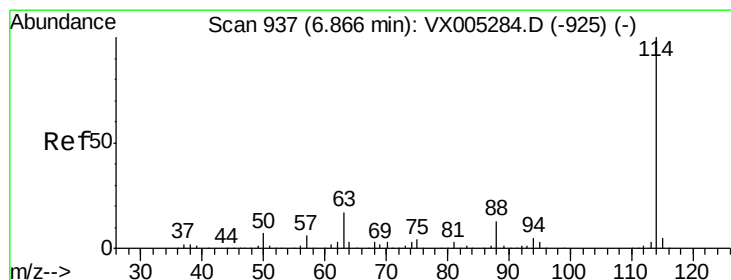
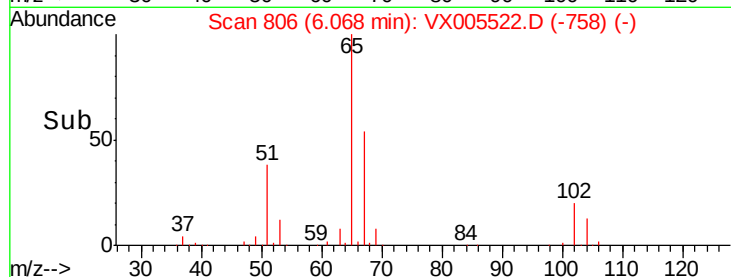
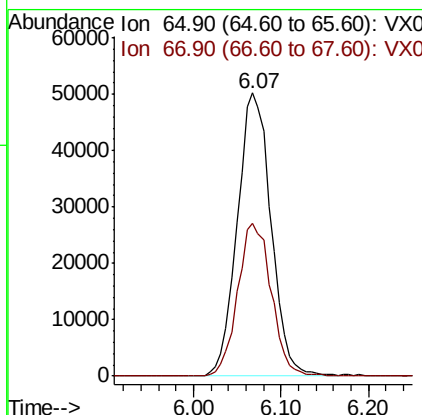
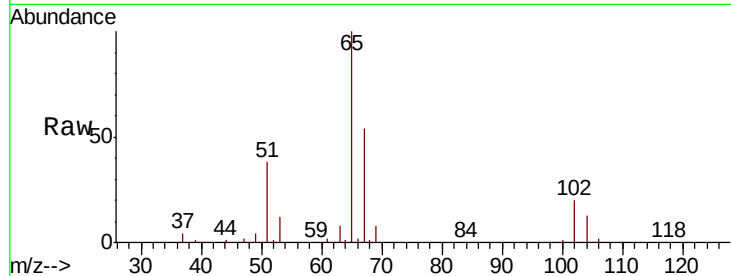




#33  
 1,2-Dichloroethane-d4  
 Concen: 53.387 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

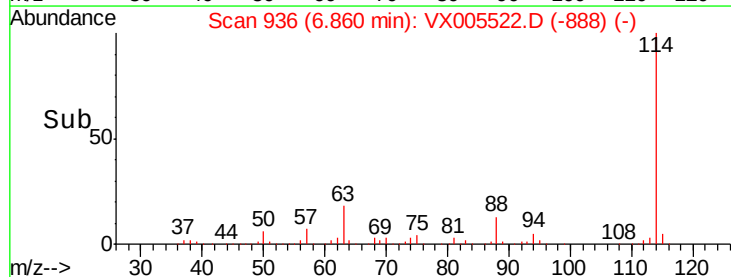
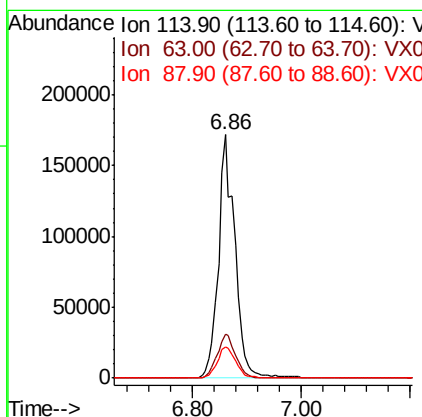
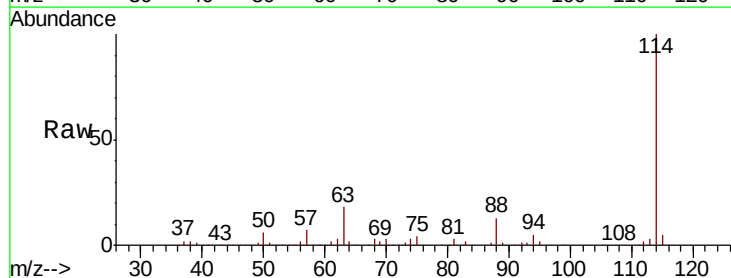
Instrument :  
 MSVOA\_X  
 ClientSampled :

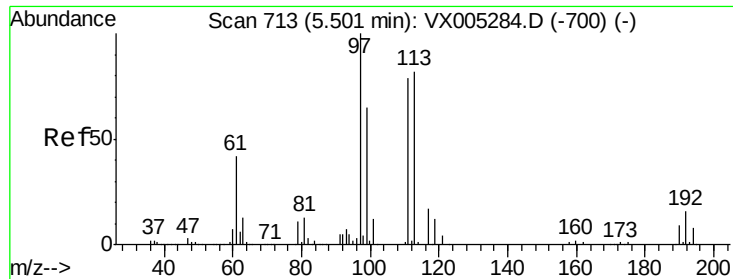
Tot Ion: 65 Resp: 134730  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.01 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

Tgt Ion: 114 Resp: 363575  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 39.0  
 88 13.0 0.0 30.4

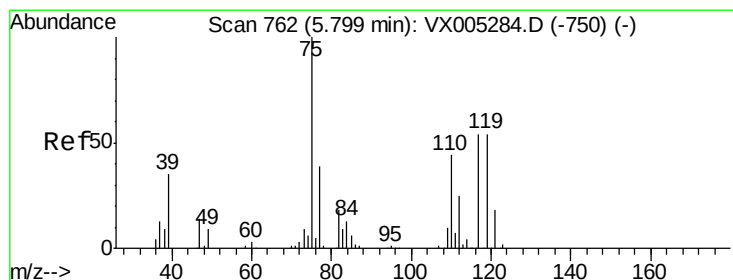
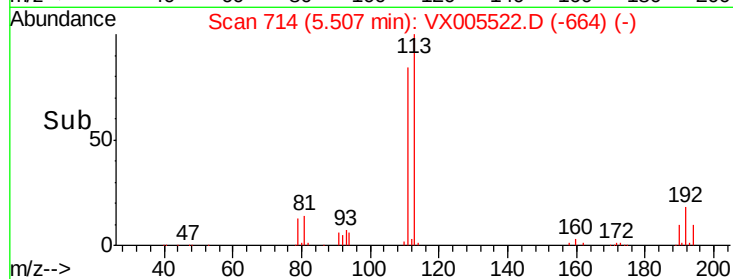
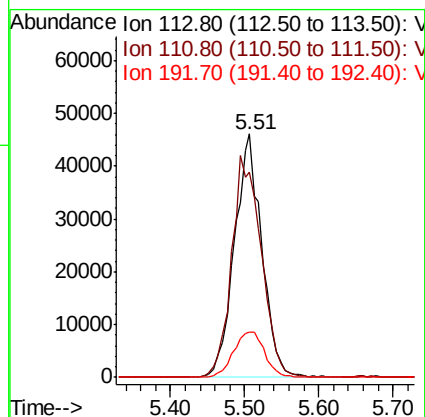
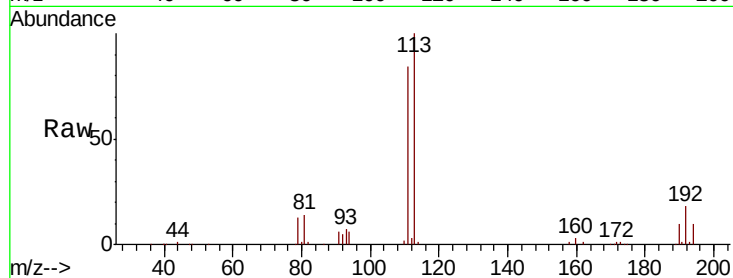




#35  
 Dibromofluoromethane  
 Concen: 49.285 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

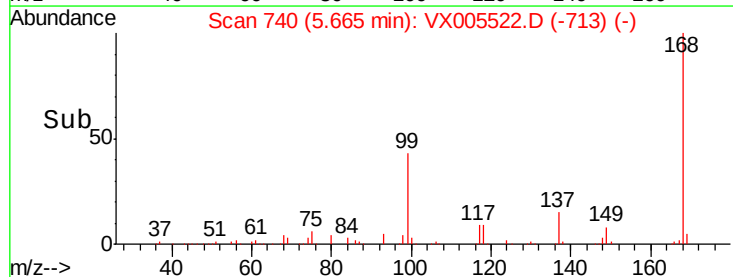
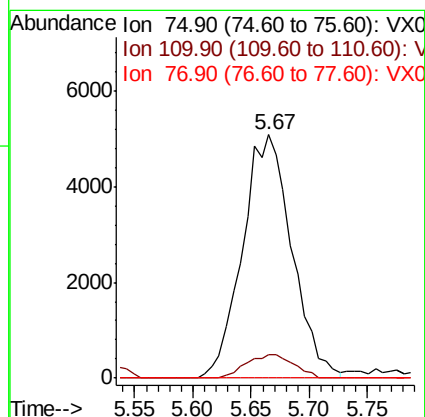
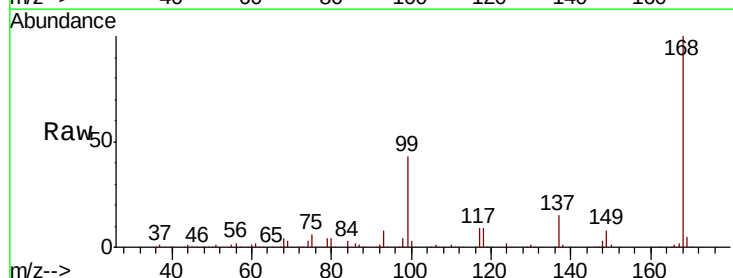
Instrument :  
 MSVOA\_X  
 ClientSampleId :

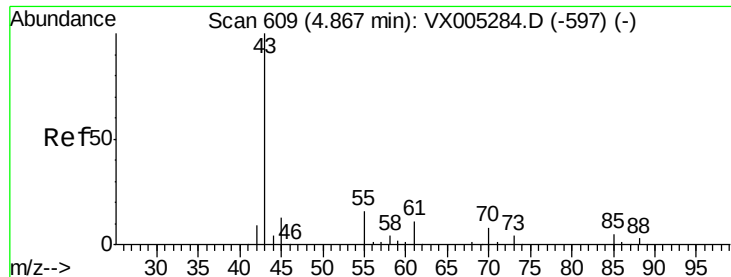
Tot Ion:113 Resp: 118680  
 Ion Ratio Lower Upper  
 113 100  
 111 98.5 82.4 123.6  
 192 21.2 19.4 29.2



#36  
 1,1-Dichloropropene  
 Concen: 4.245 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. -0.13 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

Tgt Ion: 75 Resp: 14949  
 Ion Ratio Lower Upper  
 75 100  
 110 9.4 18.0 54.0#  
 77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 2.554 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.16 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

ClientSampled :

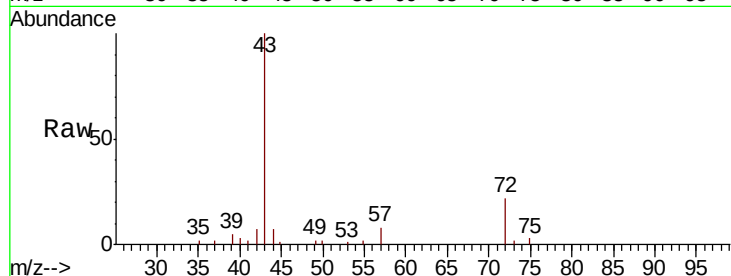
Tot Ion: 43 Resp: 11565

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

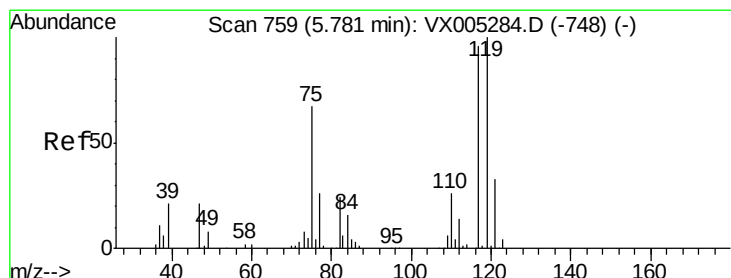
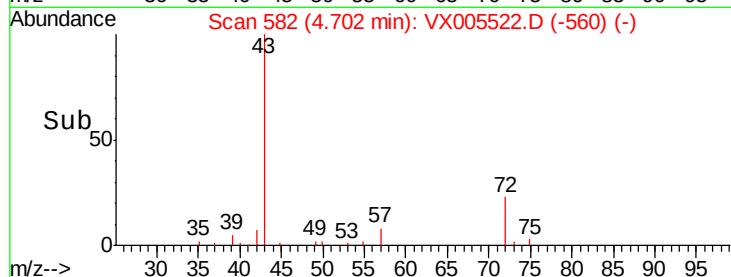
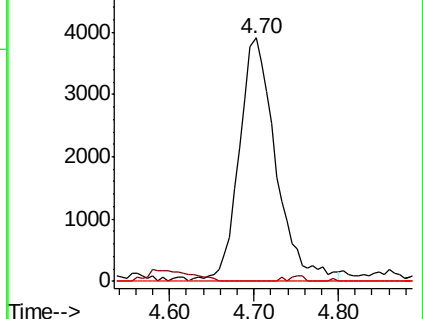
70 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 5.495 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

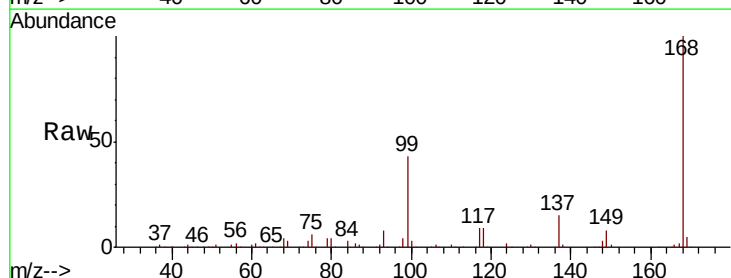
Tgt Ion: 117 Resp: 19441

Ion Ratio Lower Upper

117 100

119 5.2 78.8 118.2#

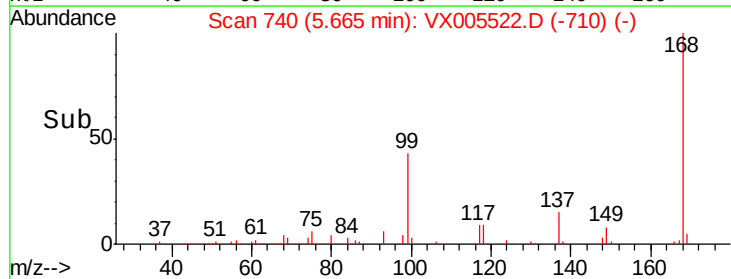
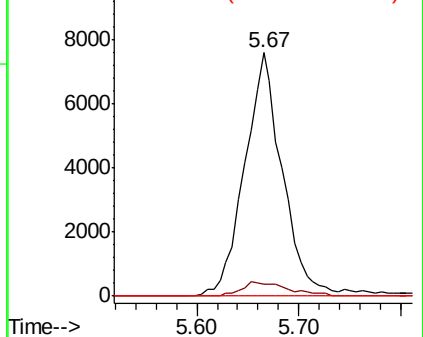
121 0.0 24.9 37.3#

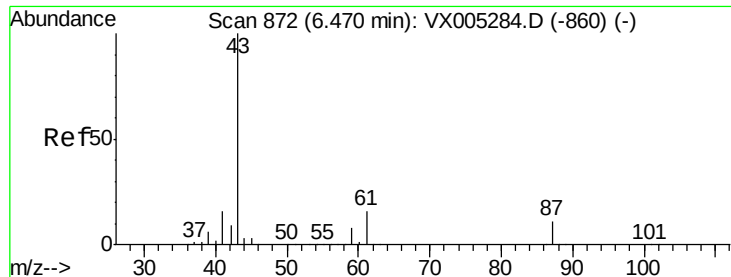


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 18.760 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

ClientSampleId :

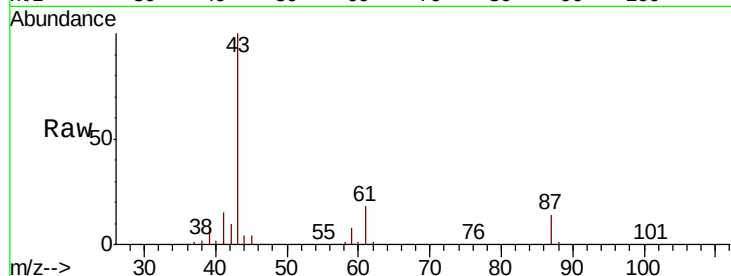
Tot Ion: 43 Resp: 113162

Ion Ratio Lower Upper

43 100

61 18.0 17.0 25.4

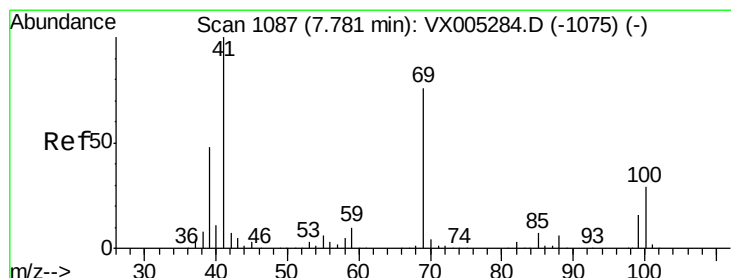
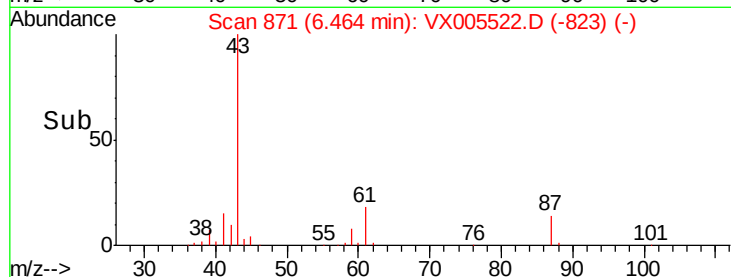
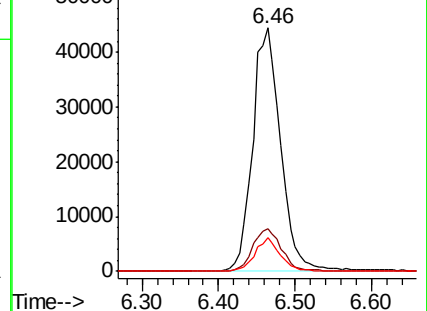
87 12.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 1.806 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.09 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

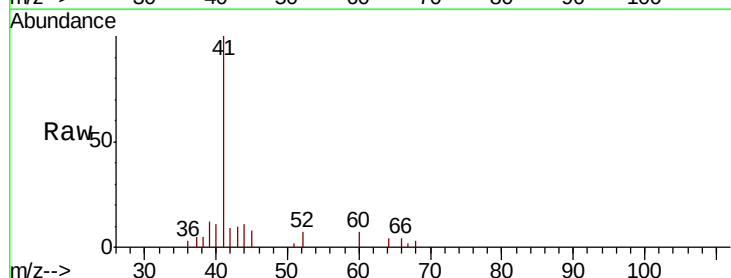
Tgt Ion: 41 Resp: 5649

Ion Ratio Lower Upper

41 100

69 0.0 70.2 105.4#

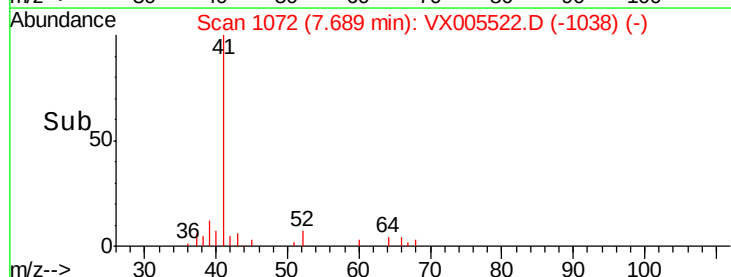
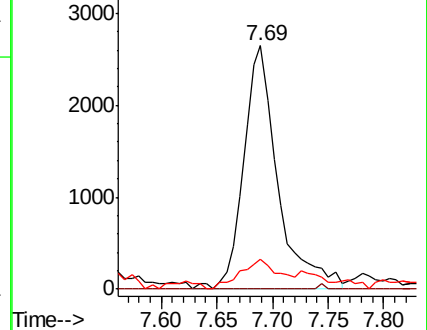
39 13.9 42.7 64.1#

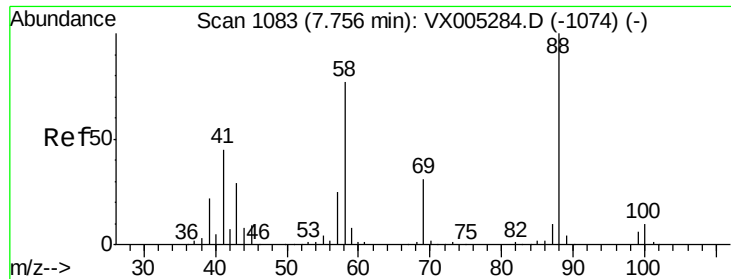


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

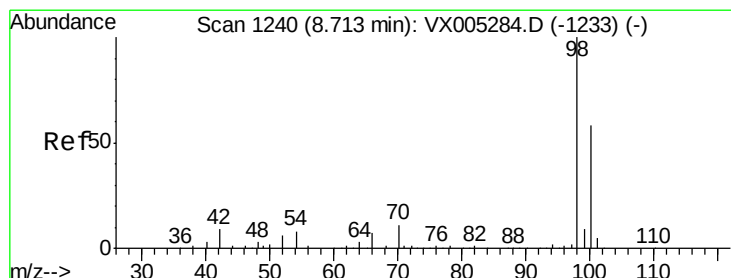
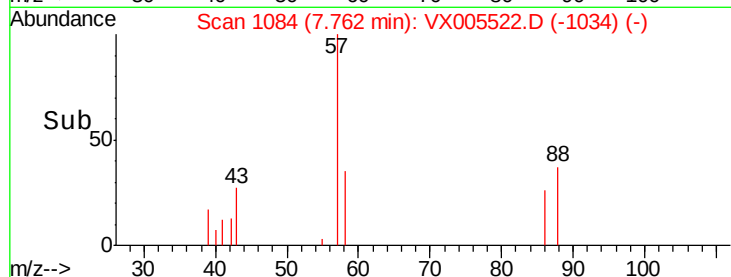
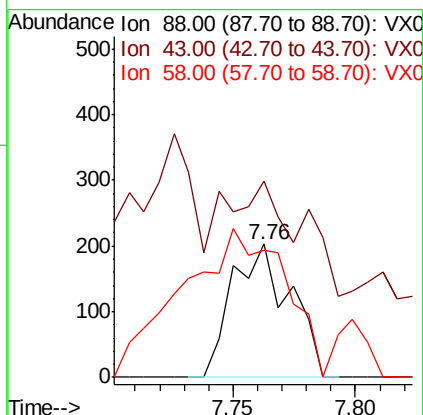
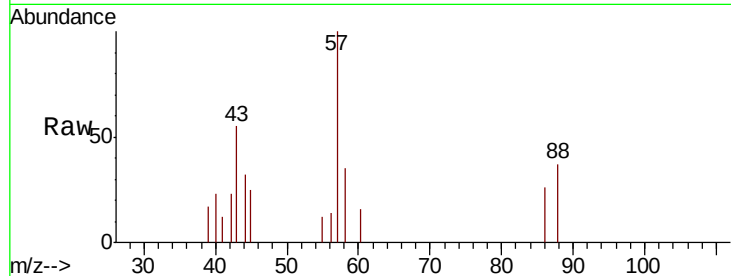




#49  
 1,4-Dioxane  
 Concen: 4.656 ug/l  
 RT: 7.76 min Scan# 1084  
 Delta R.T. 0.01 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

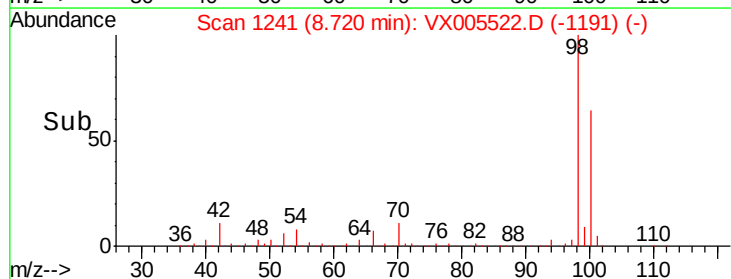
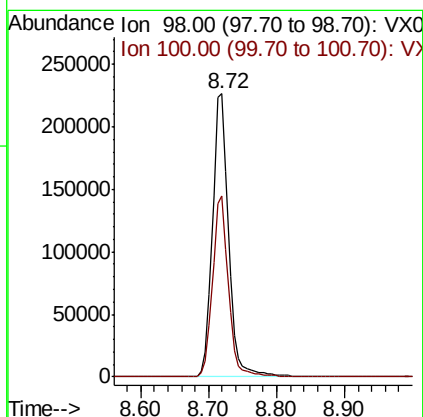
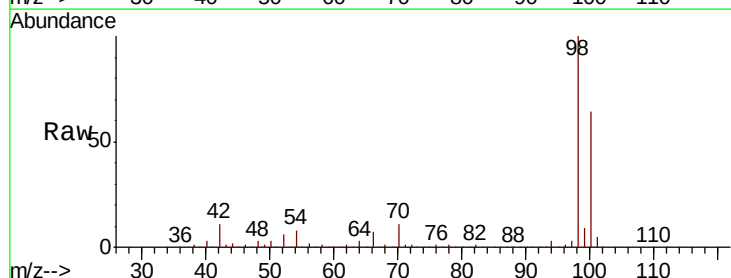
Instrument :  
 MSVOA\_X  
 ClientSampled :

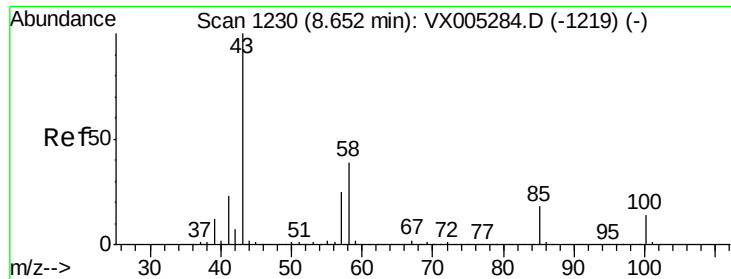
Tot Ion: 88 Resp: 336  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 24.7 37.1#  
 58 198.8 55.3 82.9#



#50  
 Toluene-d8  
 Concen: 45.375 ug/l  
 RT: 8.72 min Scan# 1241  
 Delta R.T. 0.01 min  
 Lab File: VX005522.D  
 Acq: 23 Oct 2018 15:47

Tgt Ion: 98 Resp: 375115  
 Ion Ratio Lower Upper  
 98 100  
 100 62.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 0.583 ug/l

RT: 8.62 min Scan# 1225

Delta R.T. -0.03 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

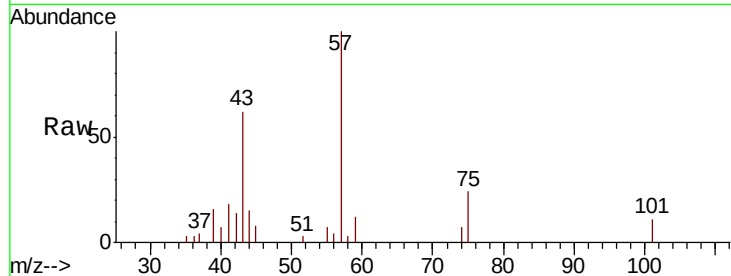
ClientSampleId :

Tot Ion: 43 Resp: 2435

Ion Ratio Lower Upper

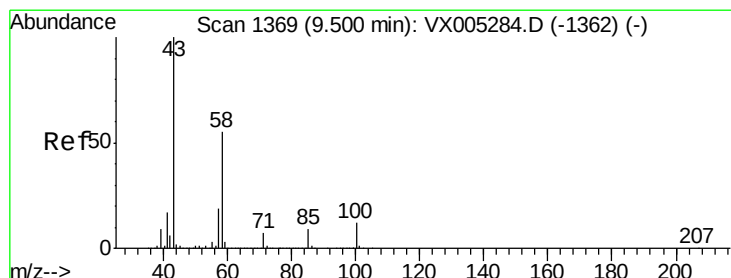
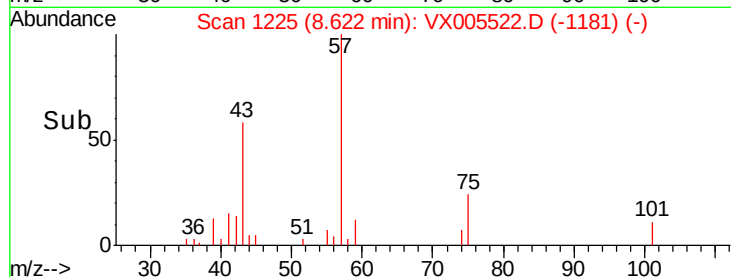
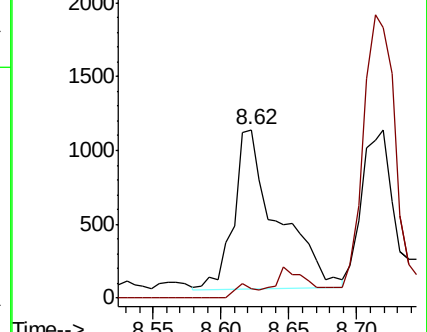
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 0.250 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX005522.D

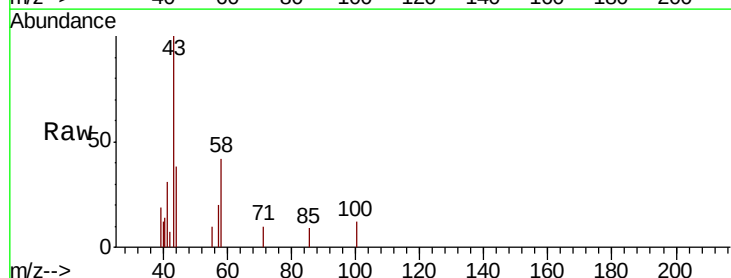
Acq: 23 Oct 2018 15:47

Tgt Ion: 43 Resp: 840

Ion Ratio Lower Upper

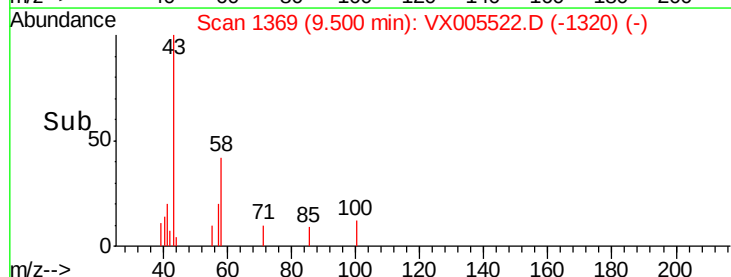
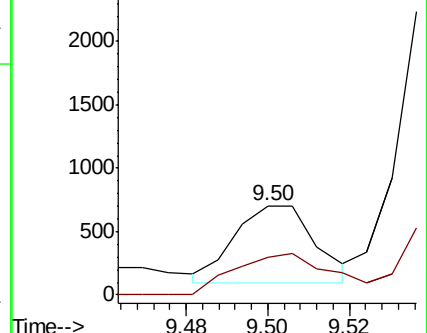
43 100

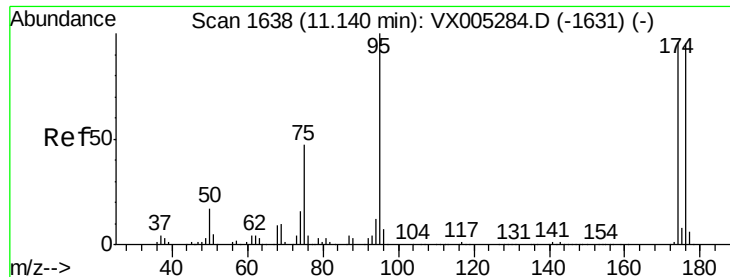
58 64.5 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 40.067 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

ClientSampleId :

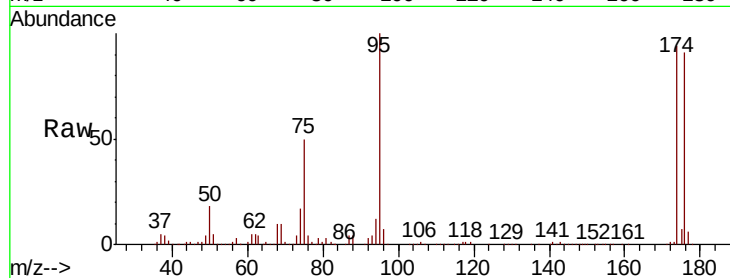
Tot Ion: 95 Resp: 124432

Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

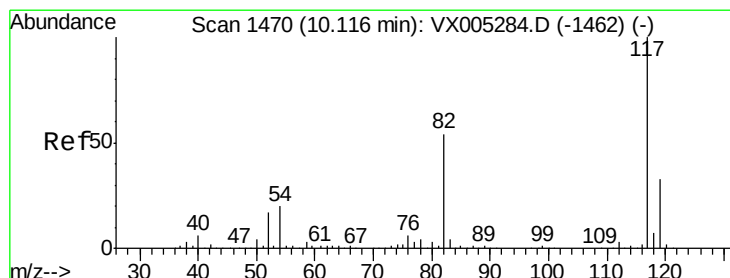
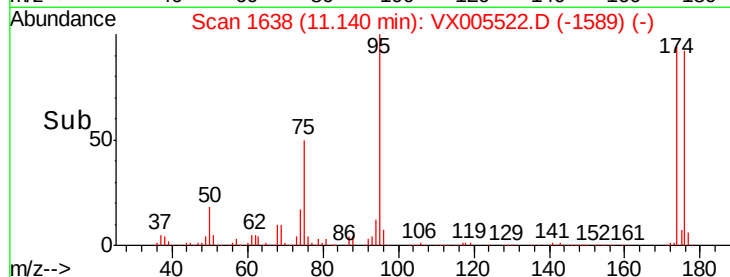
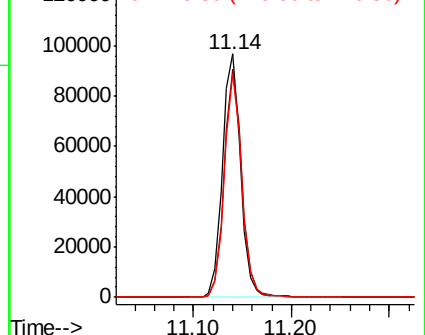
176 88.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

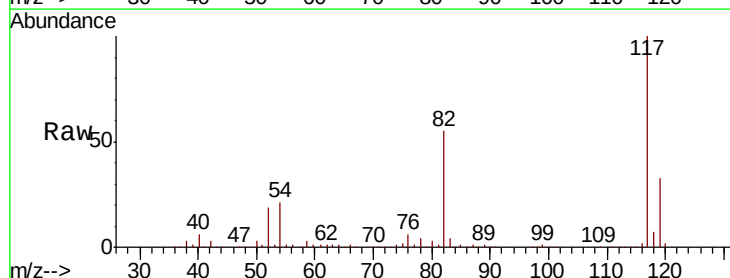
Tgt Ion: 117 Resp: 282209

Ion Ratio Lower Upper

117 100

82 54.7 47.8 71.6

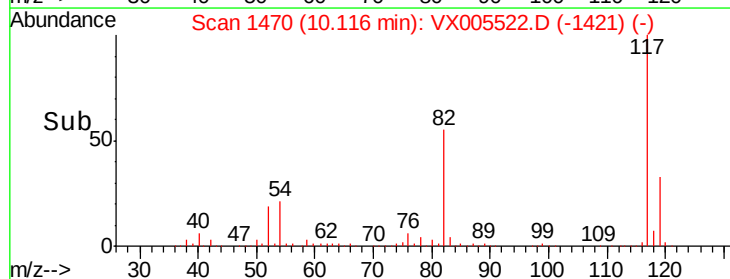
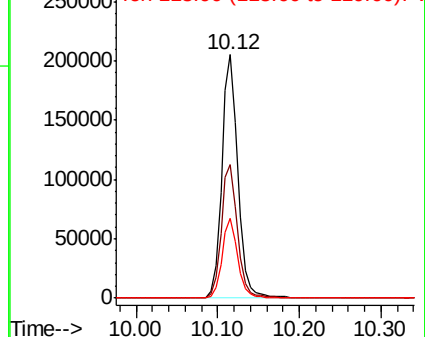
119 32.5 29.3 43.9

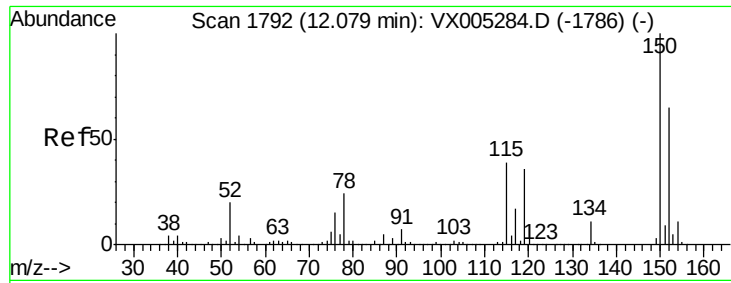


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



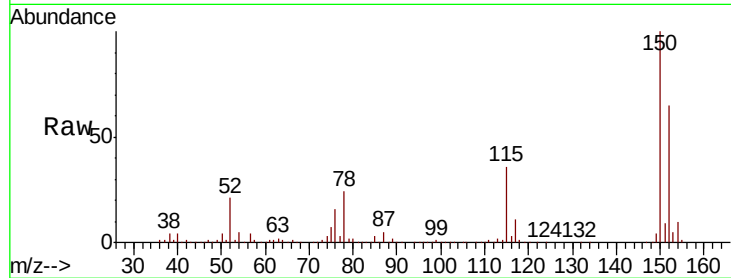


#72

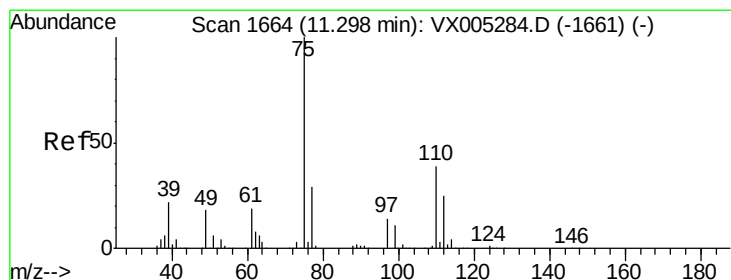
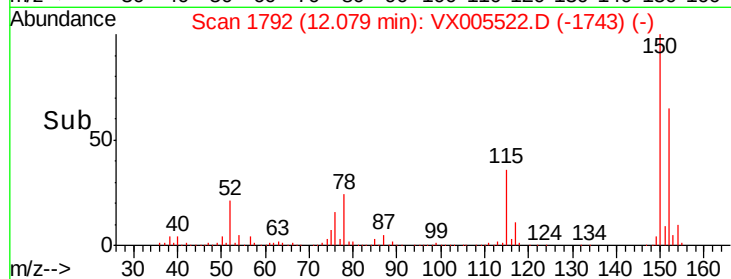
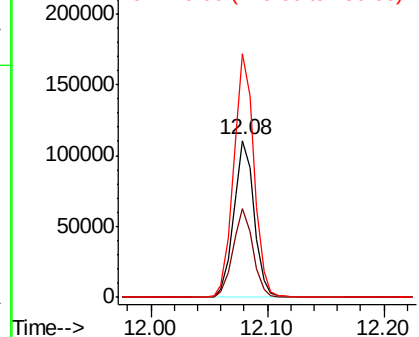
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:152 Resp: 133768  
Ion Ratio Lower Upper  
152 100  
115 55.6 39.0 117.0  
150 155.9 0.0 351.0



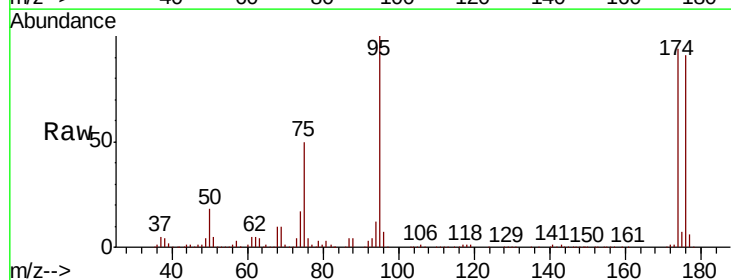
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



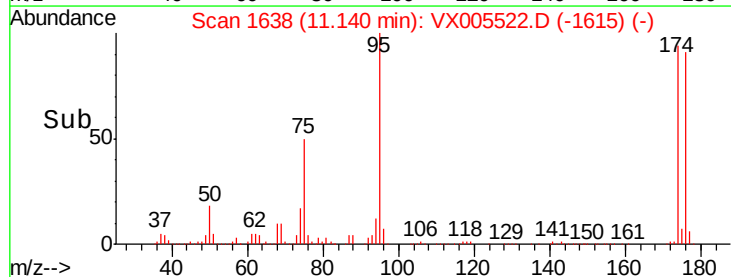
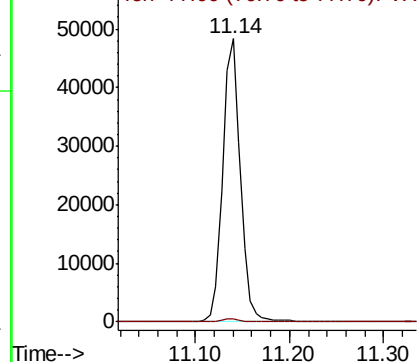
#76

1,2,3-Trichloropropane  
Concen: 24.280 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.16 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

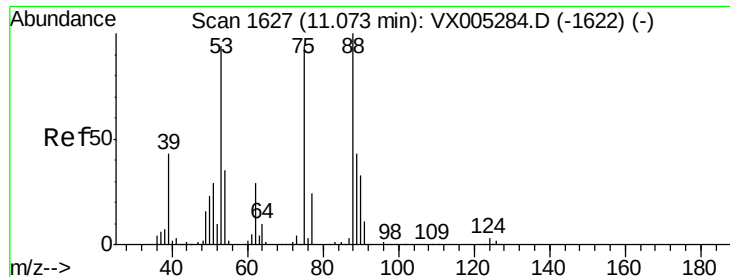
Tgt Ion: 75 Resp: 63001  
Ion Ratio Lower Upper  
75 100  
77 1.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0







#81

trans-1,4-Dichloro-2-butene

Concen: 73.776 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA\_X

ClientSampleId :

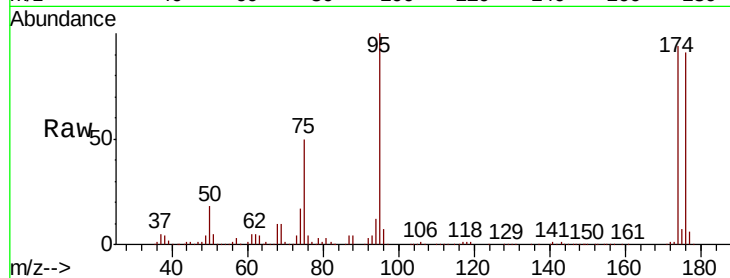
Tot Ion: 75 Resp: 63001

Ion Ratio Lower Upper

75 100

53 0.4 80.1 120.1#

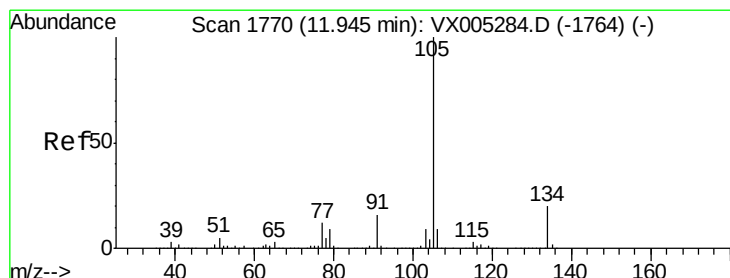
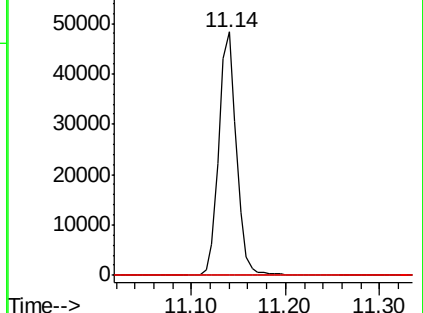
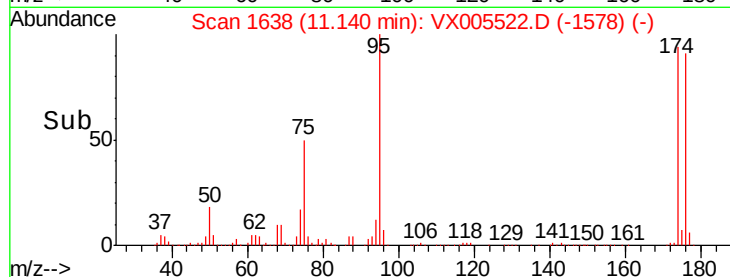
89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#85

sec-Butylbenzene

Concen: 0.204 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. 0.01 min

Lab File: VX005522.D

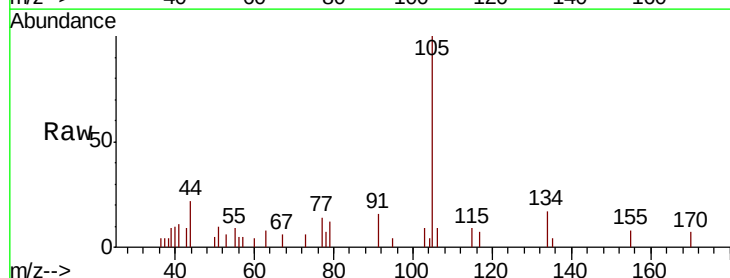
Acq: 23 Oct 2018 15:47

Tgt Ion: 105 Resp: 1667

Ion Ratio Lower Upper

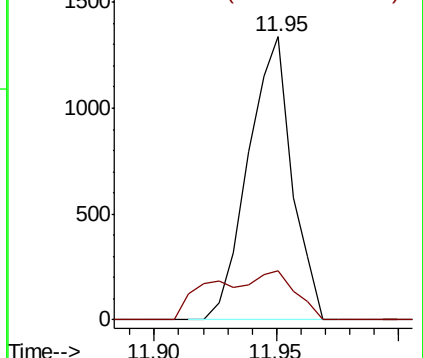
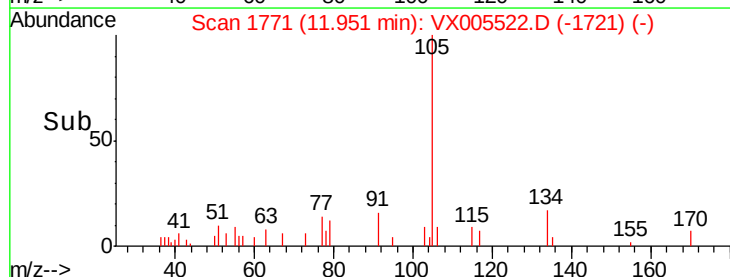
105 100

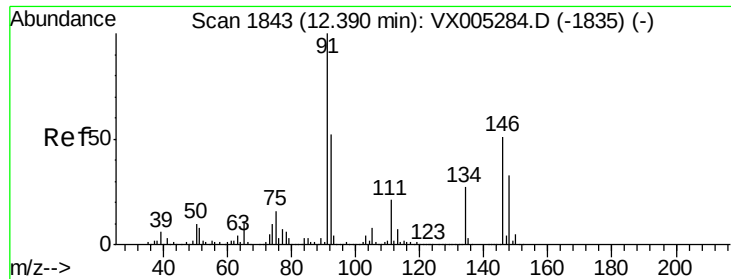
134 18.4 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

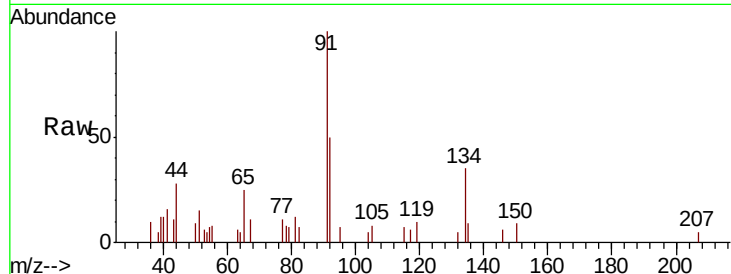




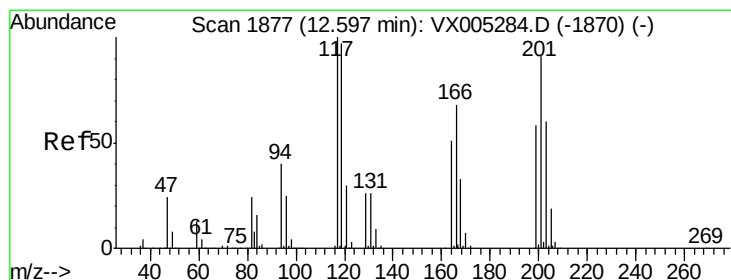
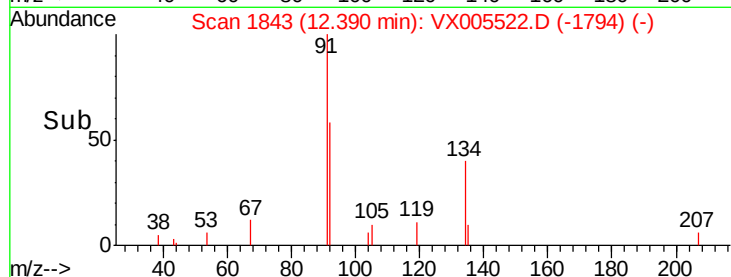
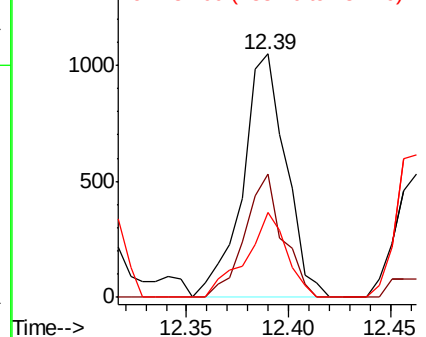
#89  
n-Butylbenzene  
Concen: 0.231 ug/l  
RT: 12.39 min Scan# 1843  
Delta R.T. -0.00 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 91 Resp: 1546  
Ion Ratio Lower Upper  
91 100  
92 44.2 27.3 81.9  
134 33.1 13.6 40.7

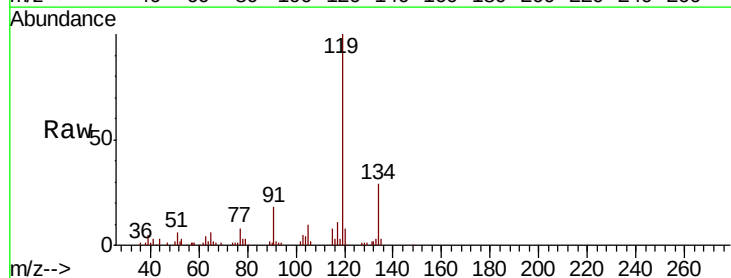


Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0  
Ion 134.00 (133.70 to 134.70): V

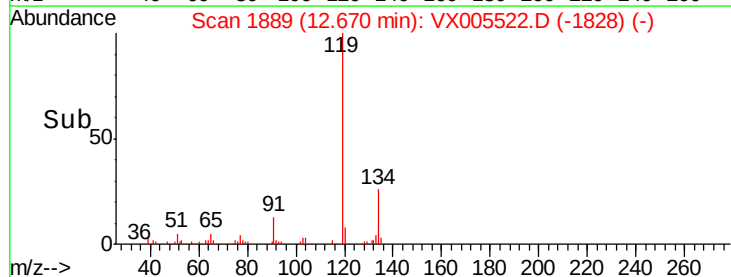
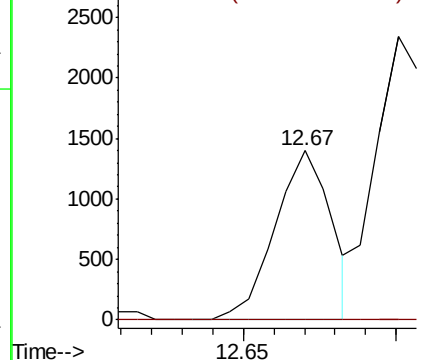


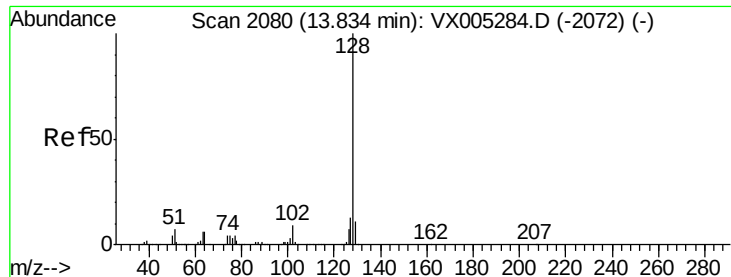
#90  
Hexachloroethane  
Concen: 1.414 ug/l  
RT: 12.67 min Scan# 1889  
Delta R.T. 0.07 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Tgt Ion: 117 Resp: 1797  
Ion Ratio Lower Upper  
117 100  
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V





#95  
Naphthalene  
Concen: 0.729 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX005522.D  
Acq: 23 Oct 2018 15:47

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:128 Resp: 6729  
Ion Ratio Lower Upper  
128 100  
127 20.0 10.2 15.2#  
129 15.3 8.6 12.8#

