

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX061118\  
 Data File : VX002450.D  
 Acq On : 11 Jun 2018 18:28  
 Operator : JC/MD  
 Sample : J3406-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW118R-180606

Quant Time: Jun 12 01:53:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 224805   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 331414   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 304072   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 171454   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 178702   | 56.00 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 112.00% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 133758   | 51.32 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.64% |      |
| 50) Toluene-d8              | 8.72   | 98  | 522775   | 52.33 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.66% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 183243   | 47.57 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.14%  |      |

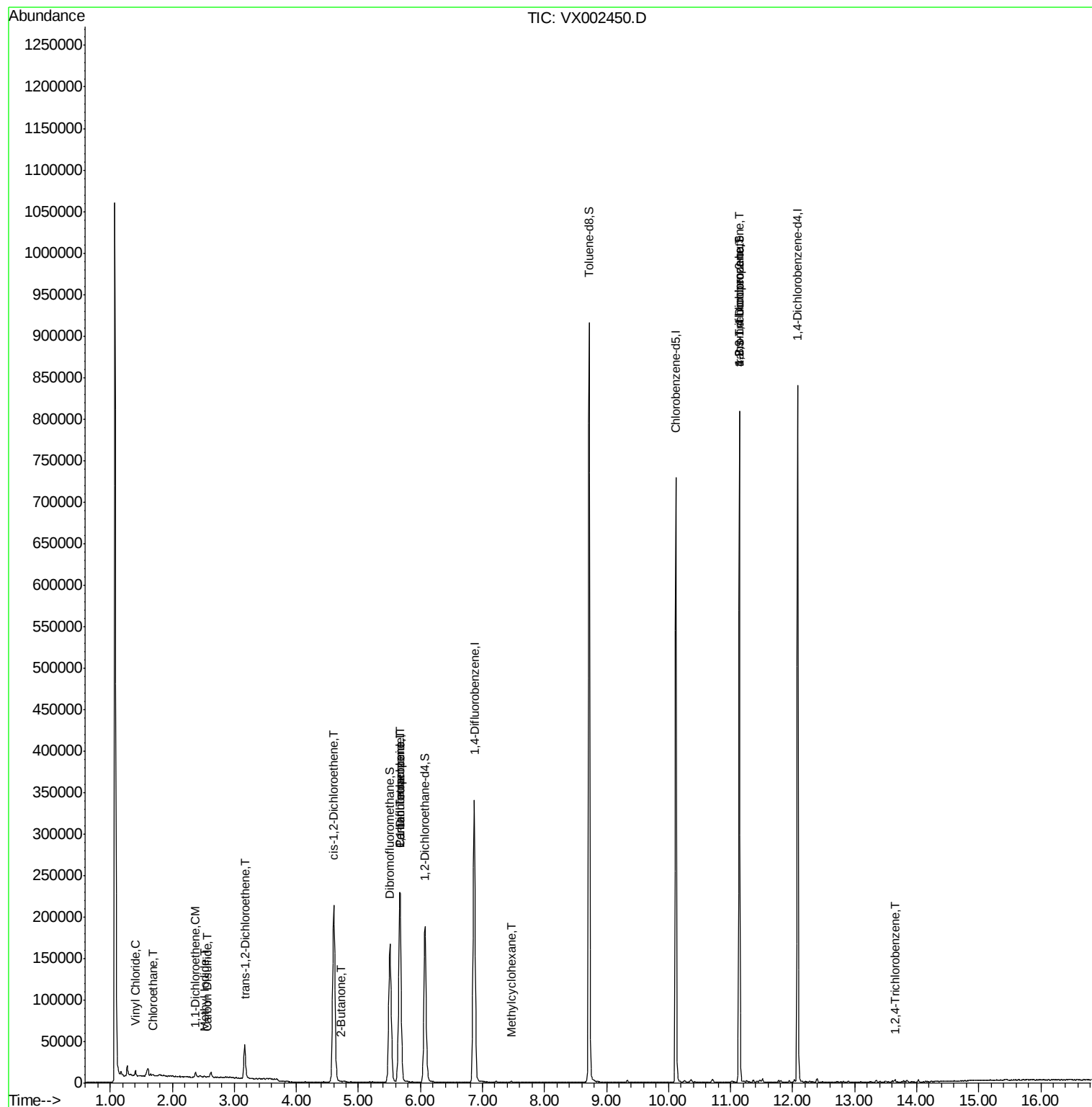
| Target Compounds               | R.T.  | QIon | Response | Conc       | Units | Qvalue |
|--------------------------------|-------|------|----------|------------|-------|--------|
| 3) Chloromethane               | 1.32  | 50   | 564      | Below Cal  |       | 89     |
| 4) Vinyl Chloride              | 1.40  | 62   | 2652     | 0.90 ug/l  | #     | 68     |
| 5) Bromomethane                | 1.65  | 94   | 1439     | Below Cal  |       | 91     |
| 6) Chloroethane                | 1.70  | 64   | 468      | 0.25 ug/l  | #     | 48     |
| 8) Diethyl Ether               | 2.19  | 74   | 119      | Below Cal  |       | 70     |
| 10) Methyl Iodide              | 2.52  | 142  | 1882     | 0.55 ug/l  |       | 98     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 248      | Below Cal  | #     | 15     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 1818     | 0.76 ug/l  |       | 90     |
| 13) Acrolein                   | 2.31  | 56   | 196      | Below Cal  | #     | 14     |
| 15) Acrylonitrile              | 3.15  | 53   | 475      | Below Cal  | #     | 65     |
| 16) Acetone                    | 2.45  | 43   | 2376     | Below Cal  | #     | 87     |
| 17) Carbon Disulfide           | 2.57  | 76   | 1313     | 0.21 ug/l  | #     | 84     |
| 18) Methyl Acetate             | 2.79  | 43   | 401      | Below Cal  | #     | 55     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 183      | Below Cal  | #     | 54     |
| 20) Methylene Chloride         | 2.86  | 84   | 400      | Below Cal  | #     | 67     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 16771    | 6.35 ug/l  |       | 98     |
| 22) Diisopropyl ether          | 3.89  | 45   | 190      | Below Cal  | #     | 35     |
| 25) 2-Butanone                 | 4.72  | 43   | 579      | 0.26 ug/l  | #     | 52     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 130272   | 45.39 ug/l |       | 85     |
| 28) Bromochloromethane         | 5.03  | 49   | 19       | Below Cal  | #     | 61     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 16446    | 4.72 ug/l  | #     | 51     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 21648    | 5.94 ug/l  | #     | 16     |
| 39) Methylcyclohexane          | 7.48  | 83   | 433      | 0.36 ug/l  | #     | 64     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 100281   | 26.66 ug/l | #     | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 100281   | 93.44 ug/l | #     | 7      |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 922      | 0.21 ug/l  | #     | 88     |

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

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Quant Time: Jun 12 01:53:43 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

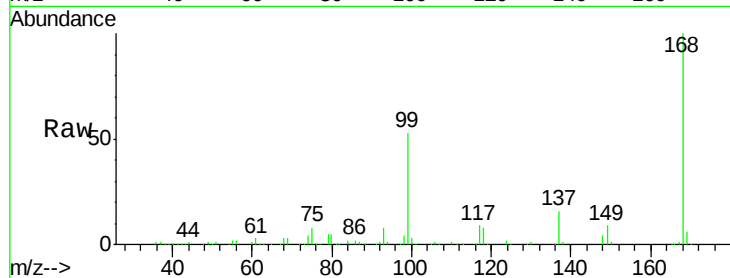
SS050MW118R-180606

Tgt Ion: 168 Resp: 224805

Ion Ratio Lower Upper

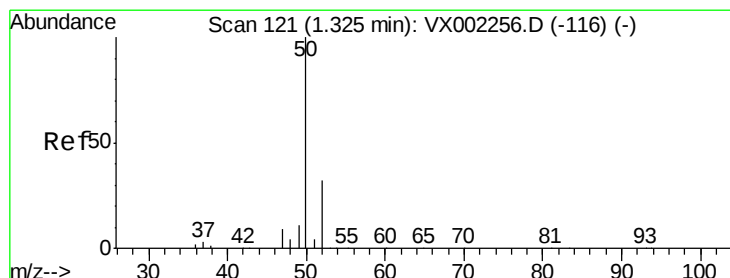
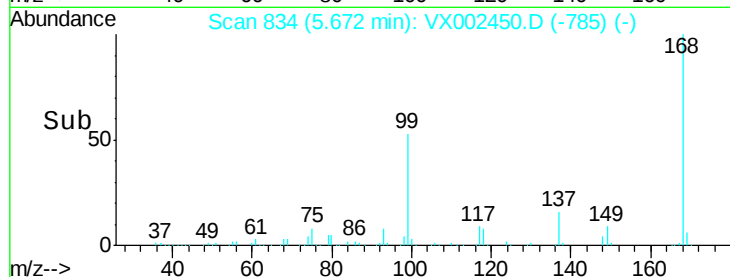
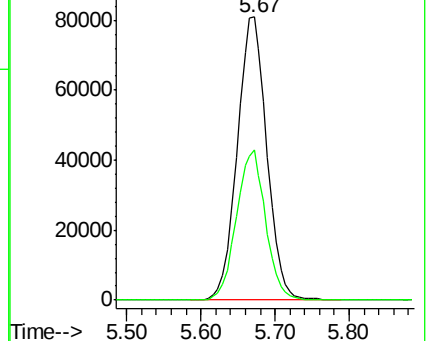
168 100

99 53.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002450.D

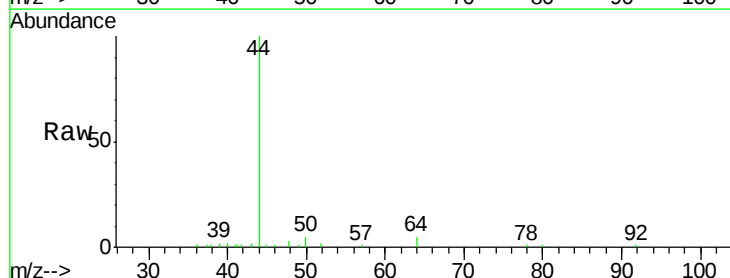
Acq: 11 Jun 2018 18:28

Tgt Ion: 50 Resp: 564

Ion Ratio Lower Upper

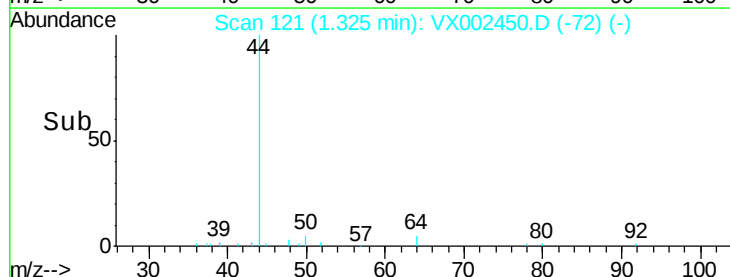
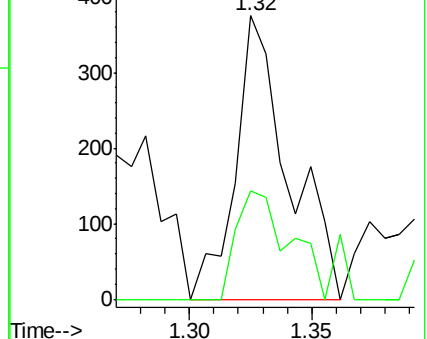
50 100

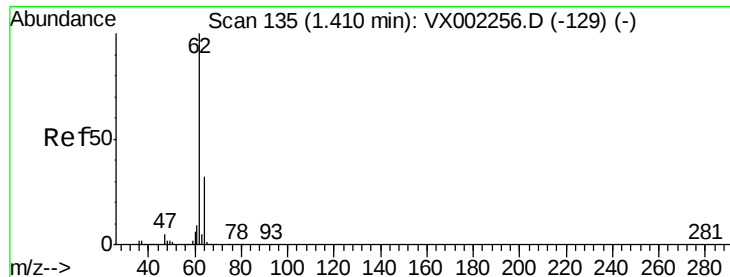
52 38.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.90 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

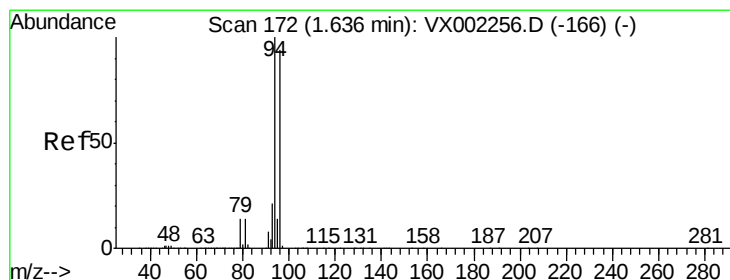
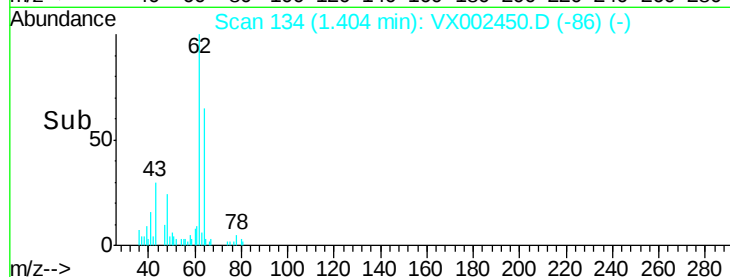
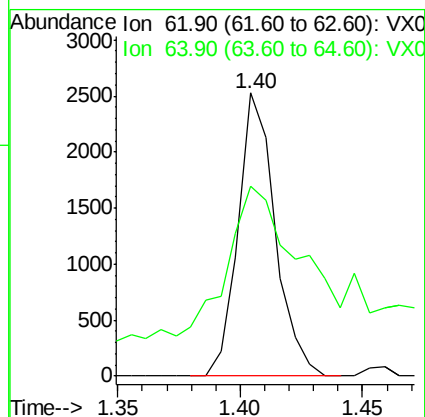
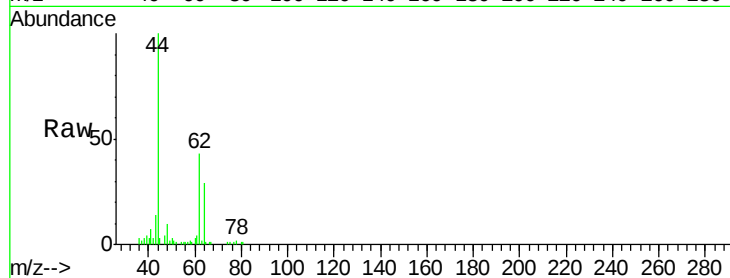
SS050MW118R-180606

Tgt Ion: 62 Resp: 2652

Ion Ratio Lower Upper

62 100

64 49.5 25.4 38.2#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002450.D

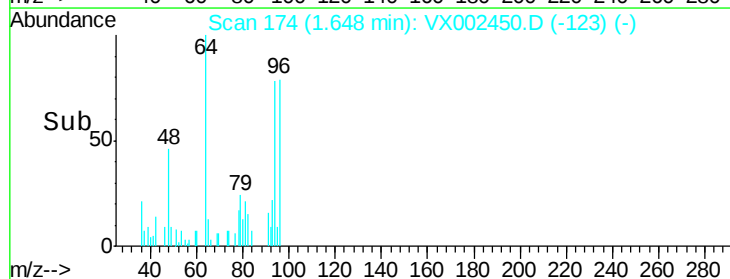
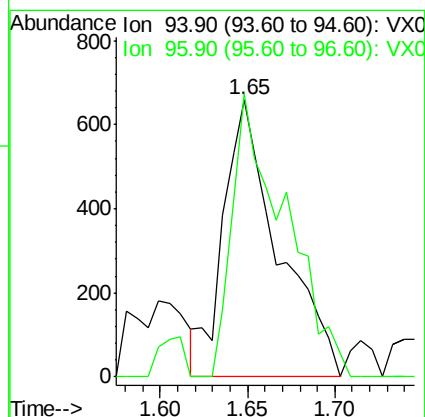
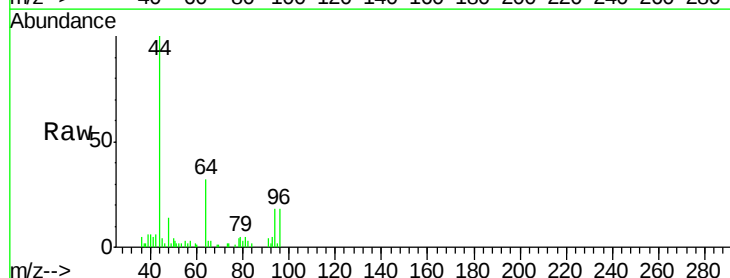
Acq: 11 Jun 2018 18:28

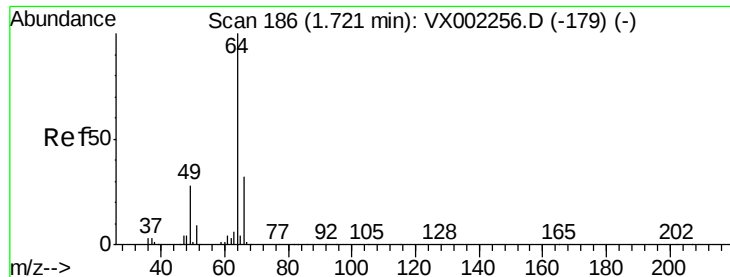
Tgt Ion: 94 Resp: 1439

Ion Ratio Lower Upper

94 100

96 102.0 74.9 112.3





#6

Chloroethane

Concen: 0.25 ug/l

RT: 1.70 min Scan# 182

Delta R.T. -0.02 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

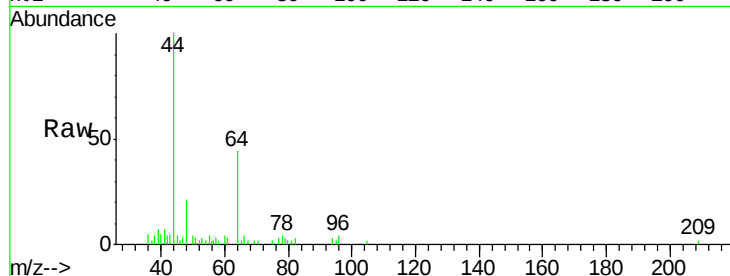
SS050MW118R-180606

Tgt Ion: 64 Resp: 468

Ion Ratio Lower Upper

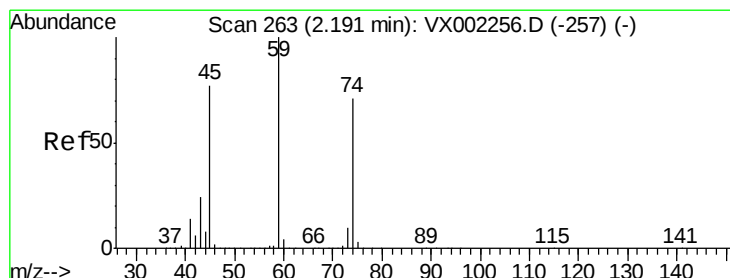
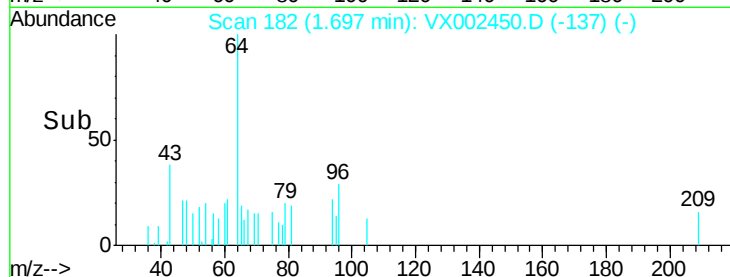
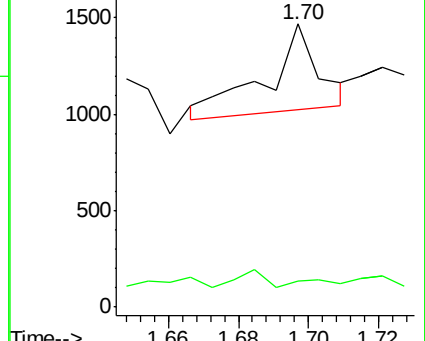
64 100

66 2.9 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002450.D

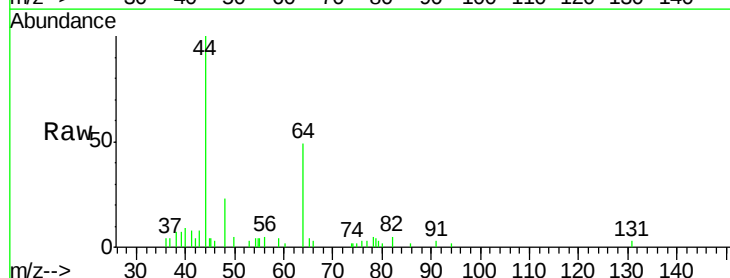
Acq: 11 Jun 2018 18:28

Tgt Ion: 74 Resp: 119

Ion Ratio Lower Upper

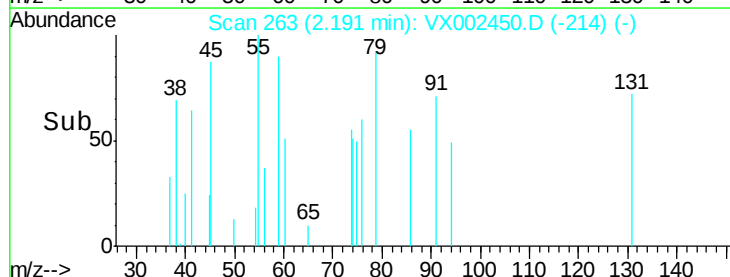
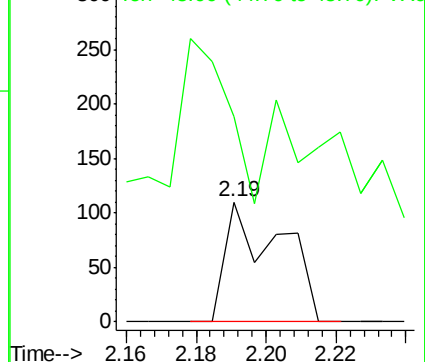
74 100

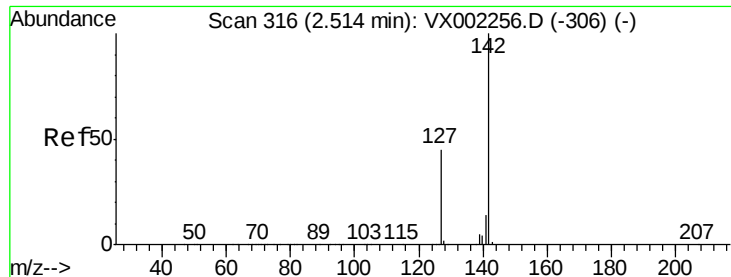
45 137.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

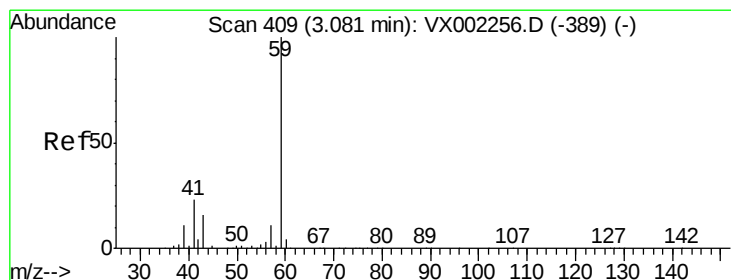
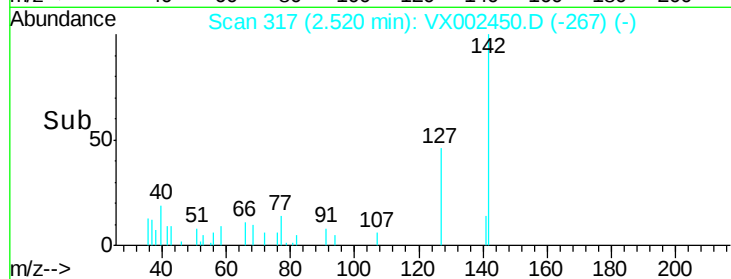
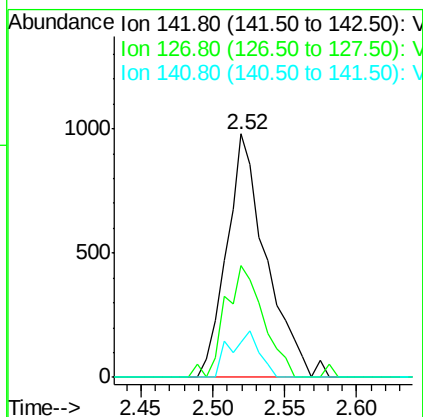
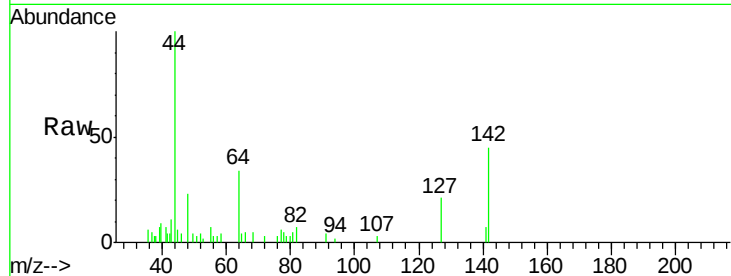




#10  
Methyl Iodide  
Concen: 0.55 ug/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

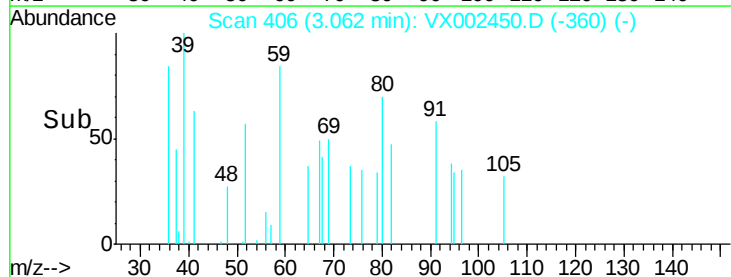
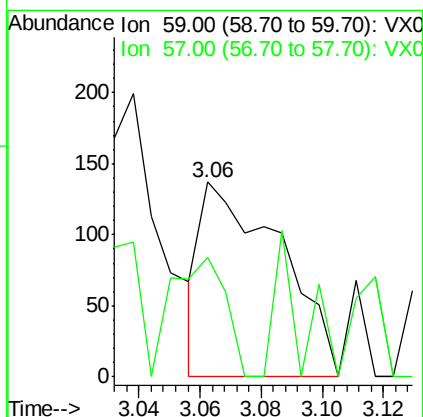
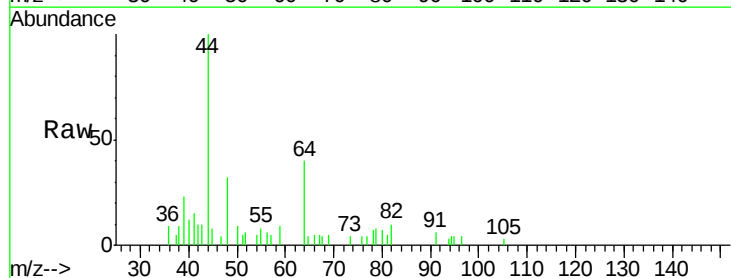
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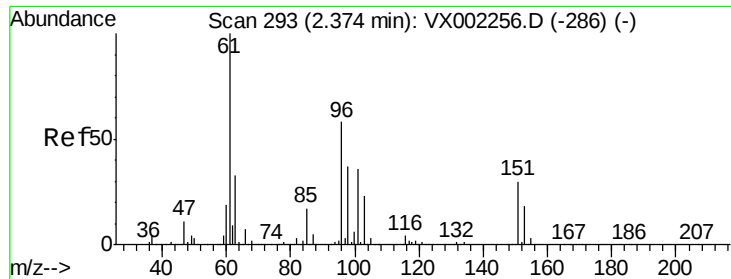
Tgt Ion: 142 Resp: 1882  
Ion Ratio Lower Upper  
142 100  
127 44.0 36.6 55.0  
141 14.2 11.3 16.9



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 3.06 min Scan# 406  
Delta R.T. -0.02 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

Tgt Ion: 59 Resp: 248  
Ion Ratio Lower Upper  
59 100  
57 41.9 8.2 12.2#

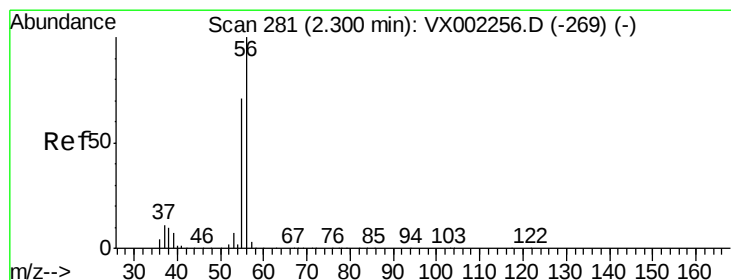
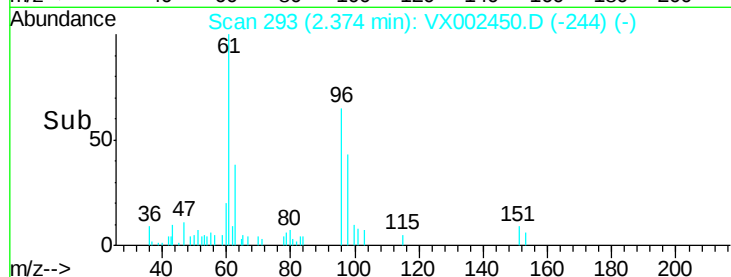
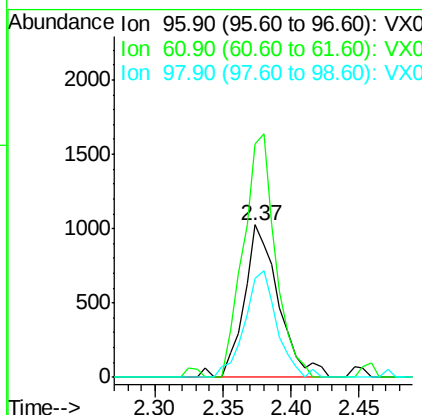
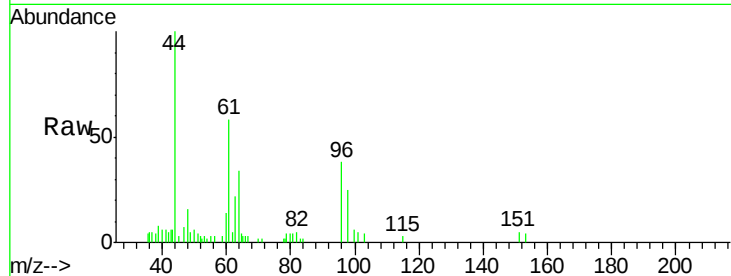




#12  
 1,1-Dichloroethene  
 Concen: 0.76 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VX002450.D  
 Acq: 11 Jun 2018 18:28

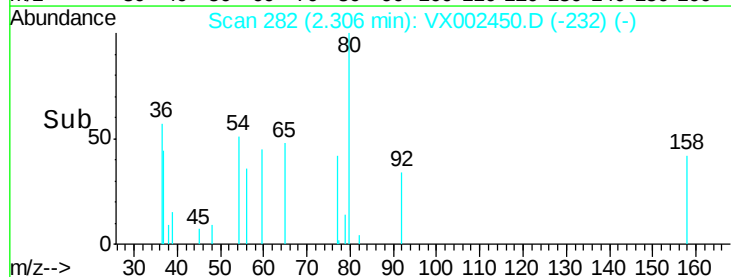
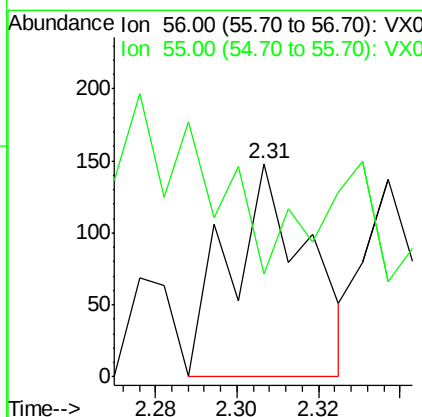
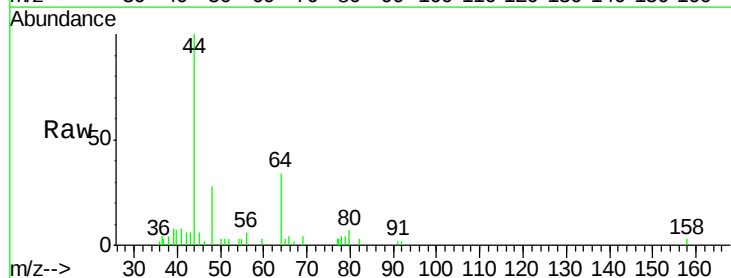
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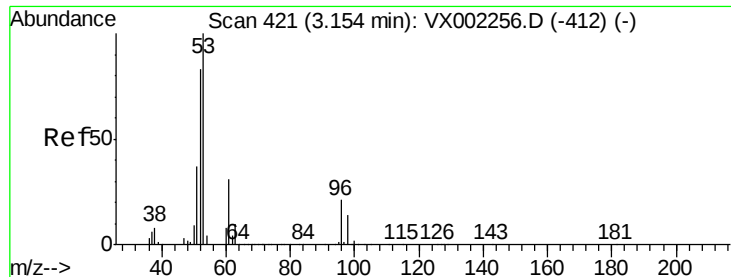
Tgt Ion: 96 Resp: 1818  
 Ion Ratio Lower Upper  
 96 100  
 61 153.0 137.9 206.9  
 98 65.1 51.6 77.4



#13  
 Acrolein  
 Concen: Below Cal  
 RT: 2.31 min Scan# 282  
 Delta R.T. 0.01 min  
 Lab File: VX002450.D  
 Acq: 11 Jun 2018 18:28

Tgt Ion: 56 Resp: 196  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW118R-180606

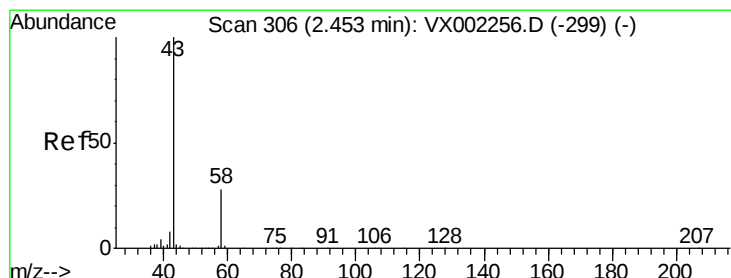
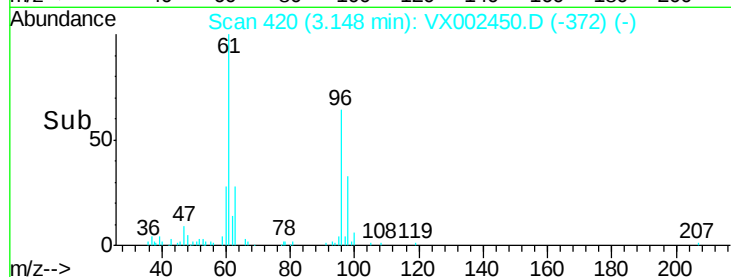
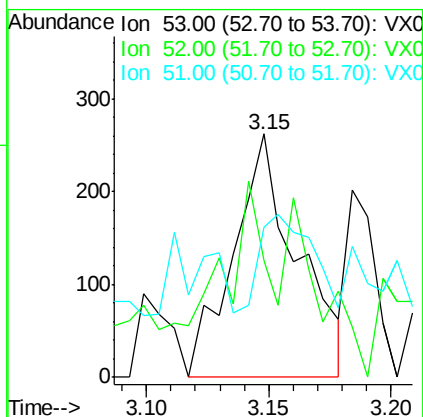
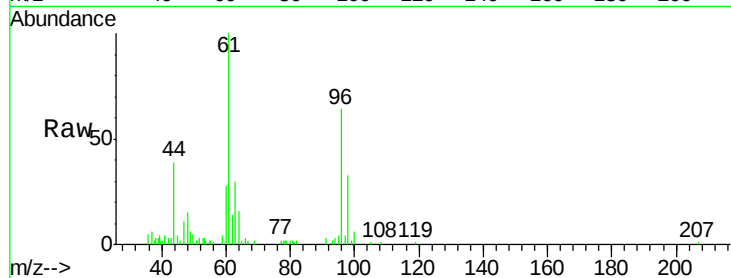
Tgt Ion: 53 Resp: 475

Ion Ratio Lower Upper

53 100

52 39.8 66.7 100.1#

51 33.3 29.9 44.9



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002450.D

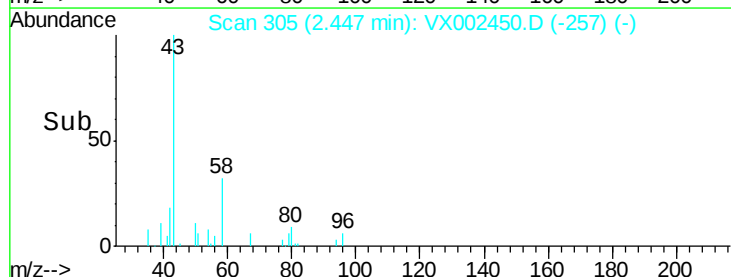
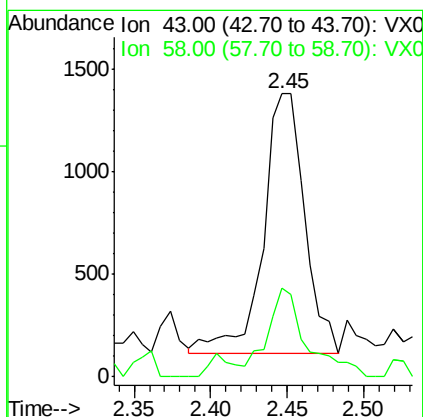
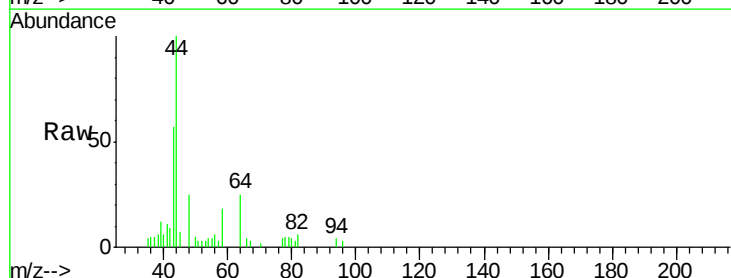
Acq: 11 Jun 2018 18:28

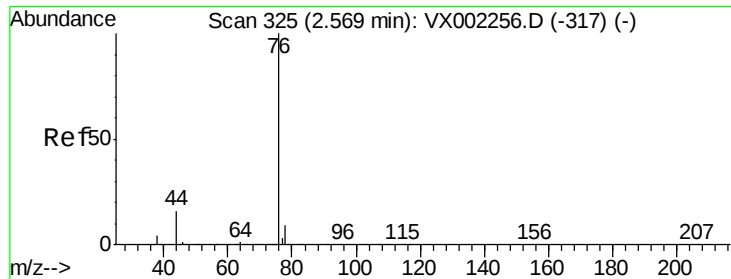
Tgt Ion: 43 Resp: 2376

Ion Ratio Lower Upper

43 100

58 34.4 22.1 33.1#

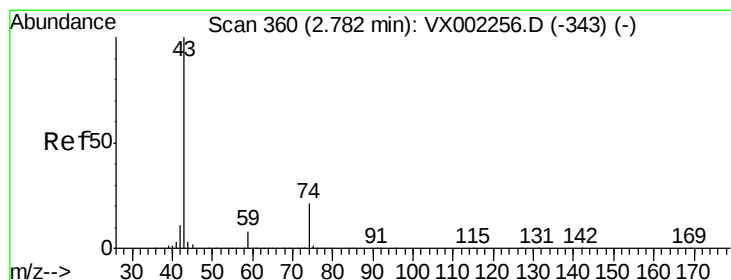
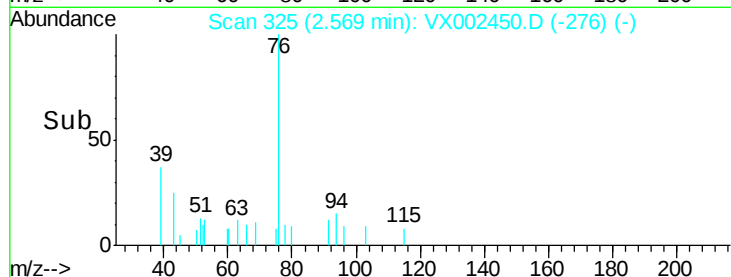
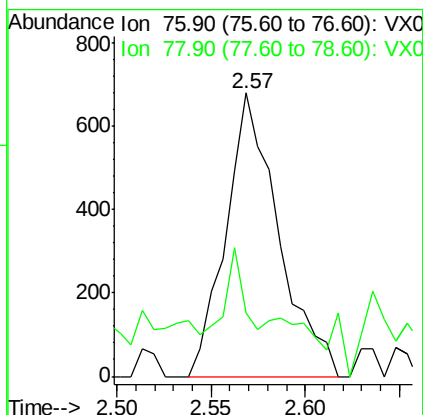
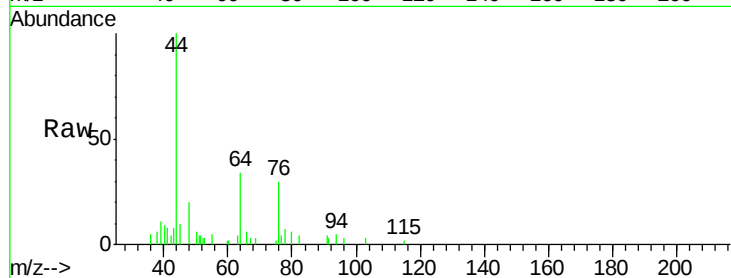




#17  
Carbon Disulfide  
Concen: 0.21 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

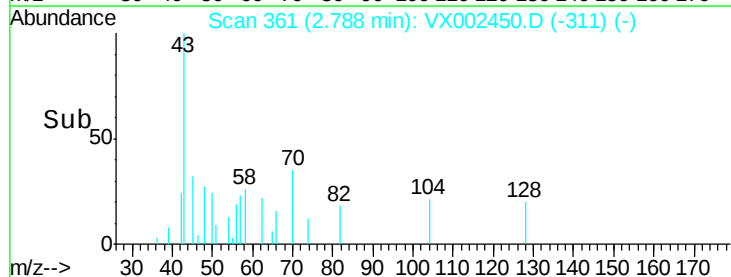
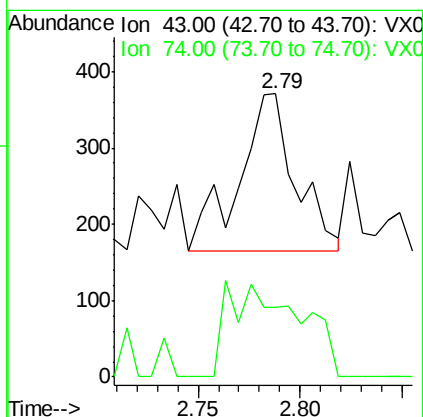
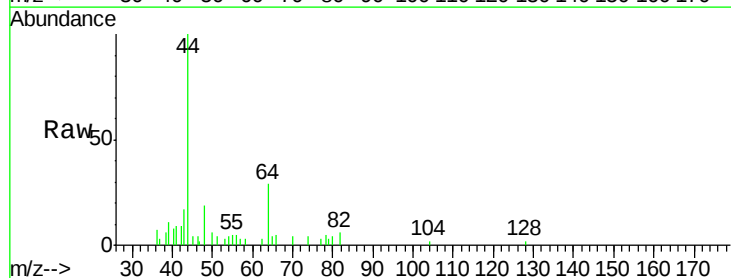
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW118R-180606

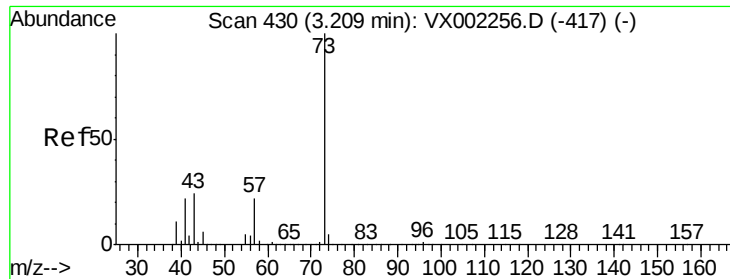
Tgt Ion: 76 Resp: 1313  
Ion Ratio Lower Upper  
76 100  
78 2.9 6.9 10.3#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.79 min Scan# 361  
Delta R.T. 0.01 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

Tgt Ion: 43 Resp: 401  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: Below Cal

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

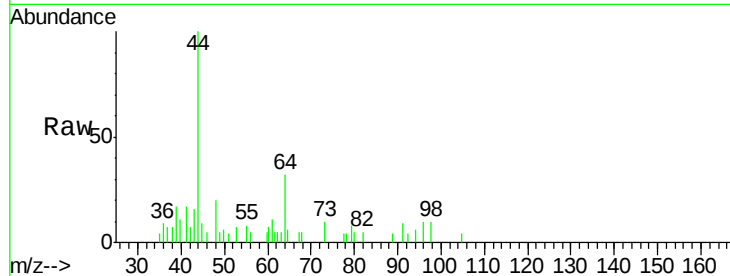
SS050MW118R-180606

Tgt Ion: 73 Resp: 183

Ion Ratio Lower Upper

73 100

57 0.0 17.7 26.5#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

150

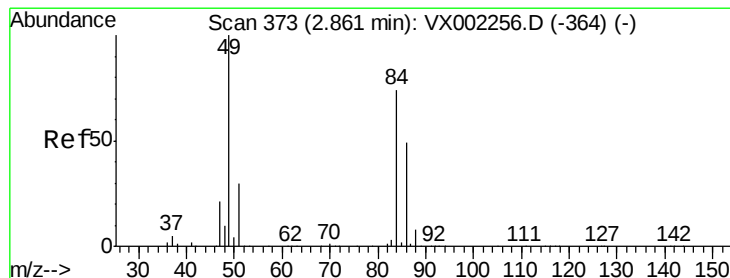
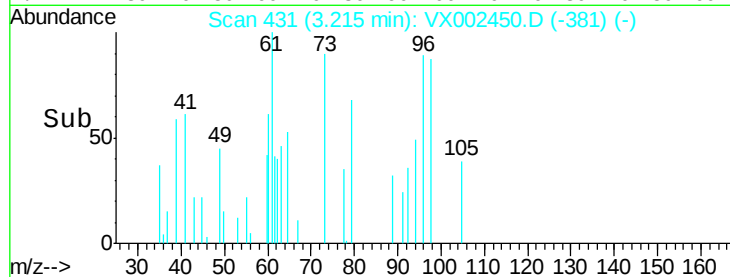
100

50

0

3.18 3.20 3.22 3.24

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Tgt Ion: 84 Resp: 400

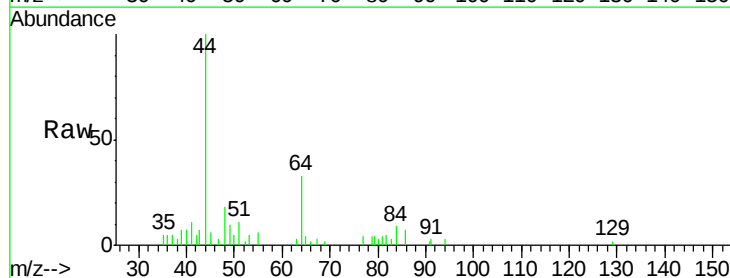
Ion Ratio Lower Upper

84 100

49 88.3 107.8 161.6#

51 73.8 32.8 49.2#

86 73.8 52.5 78.7



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

400

300

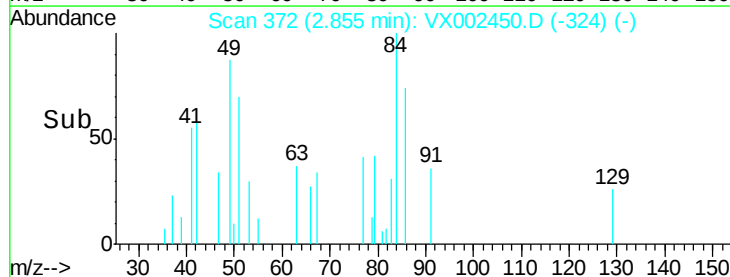
200

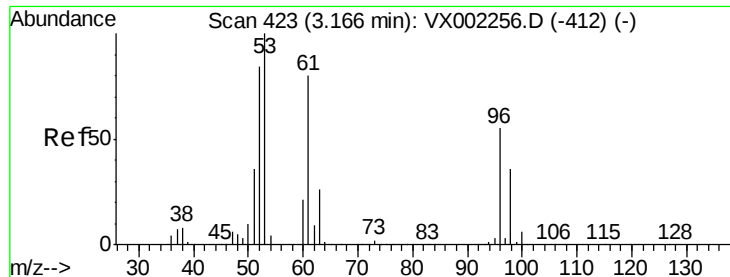
100

0

2.85 2.86 2.90

Time-->





#21

trans-1,2-Dichloroethene

Concen: 6.35 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW118R-180606

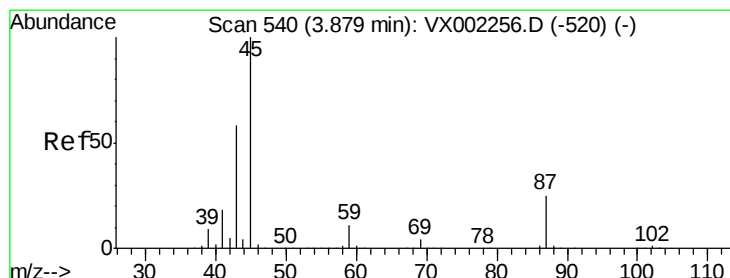
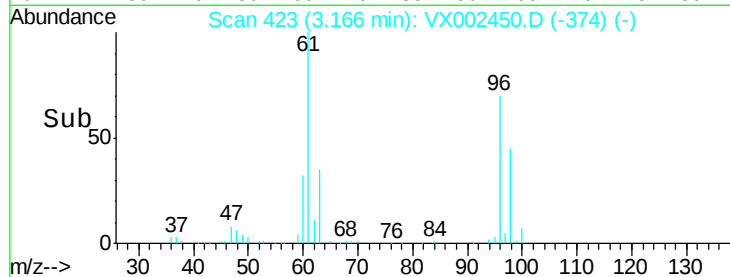
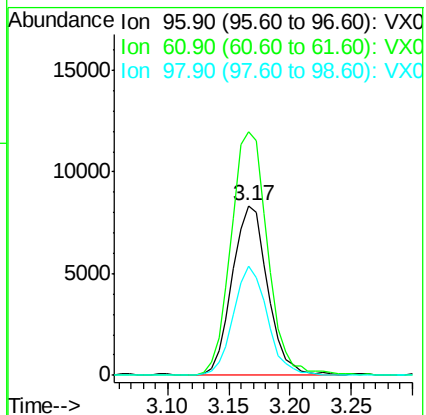
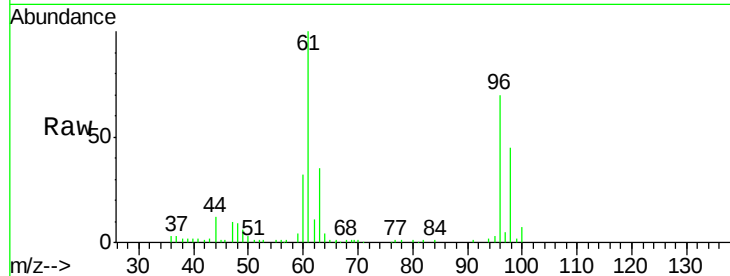
Tgt Ion: 96 Resp: 16771

Ion Ratio Lower Upper

96 100

61 143.3 117.0 175.4

98 64.1 52.4 78.6



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Tgt Ion: 45 Resp: 190

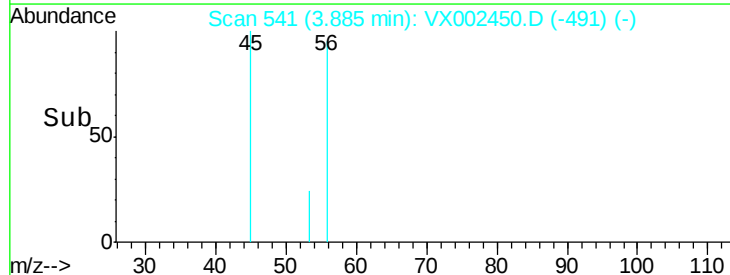
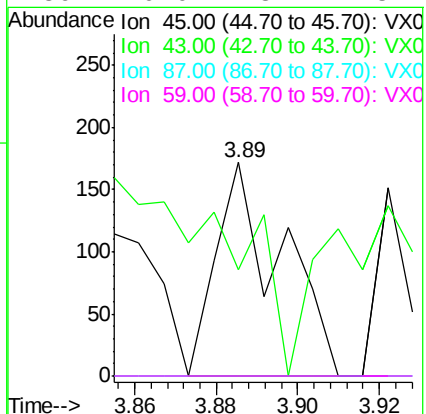
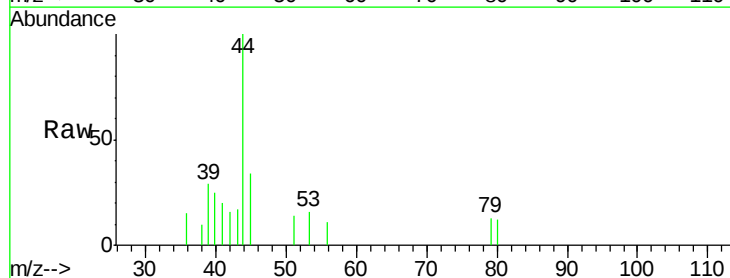
Ion Ratio Lower Upper

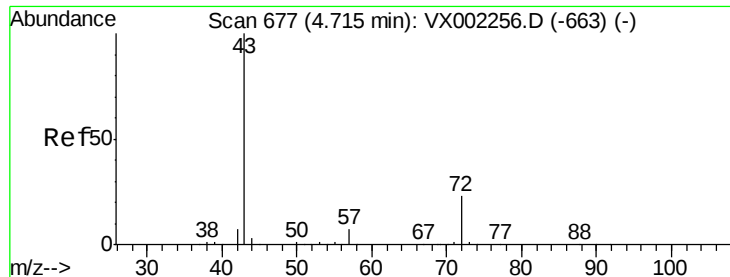
45 100

43 0.0 46.8 70.2#

87 0.0 20.2 30.4#

59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

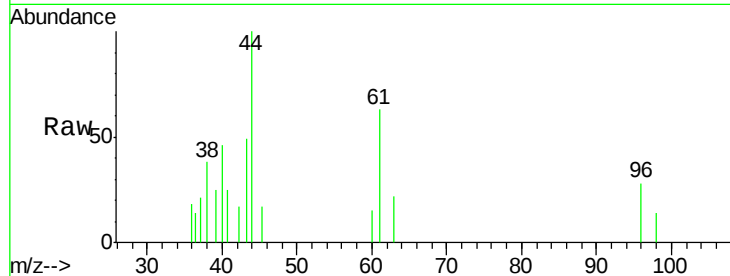
SS050MW118R-180606

Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

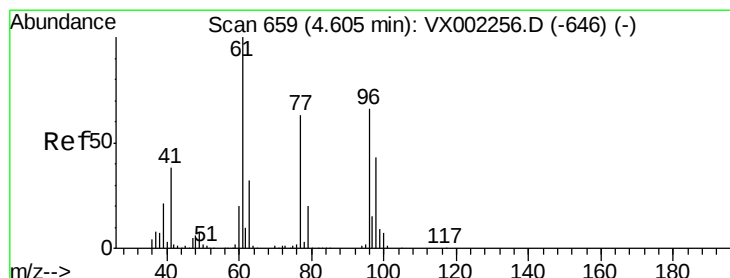
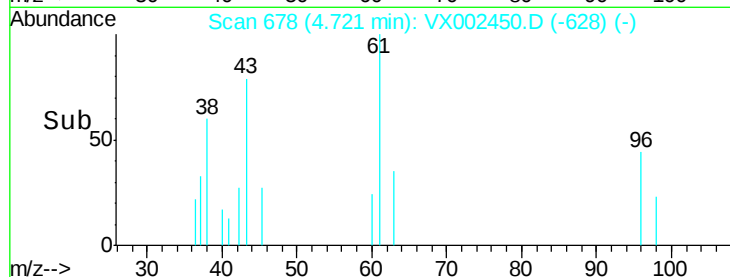
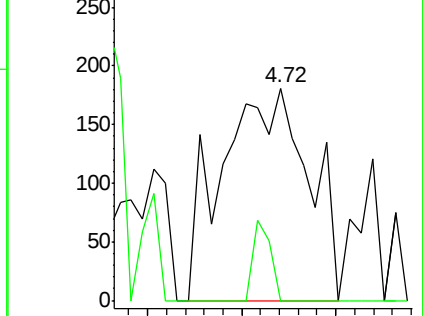
43 100

72 0.0 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 45.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

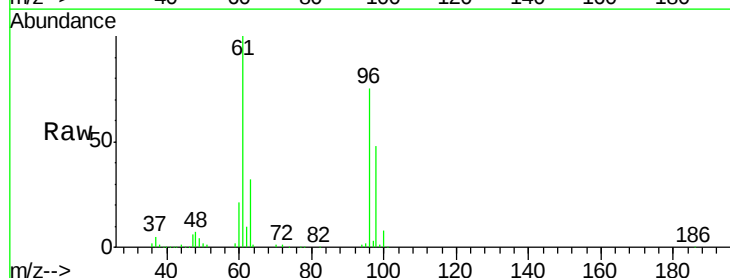
Tgt Ion: 96 Resp: 130272

Ion Ratio Lower Upper

96 100

61 136.4 0.0 330.2

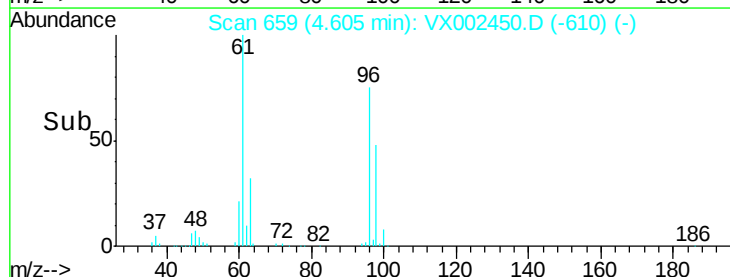
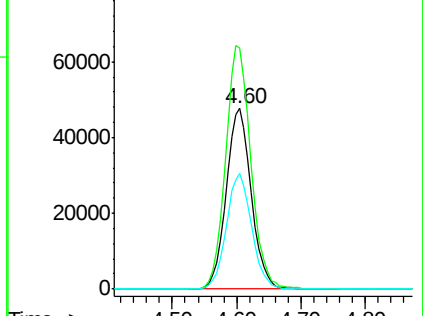
98 64.8 0.0 130.2

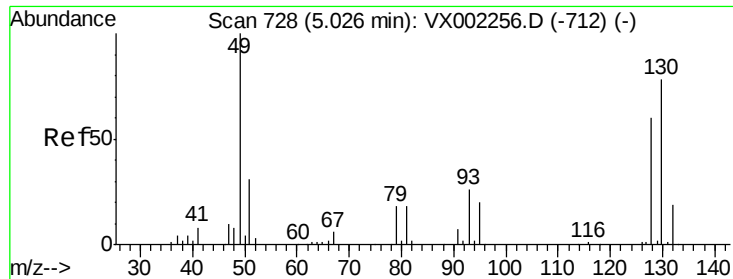


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 729

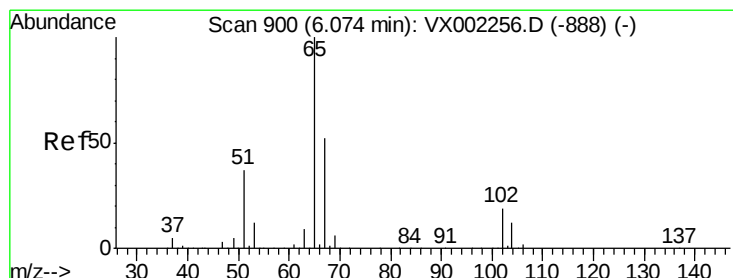
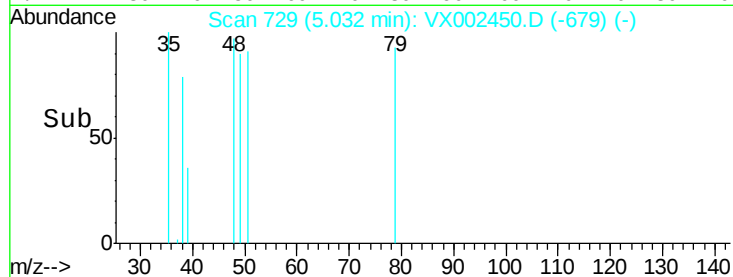
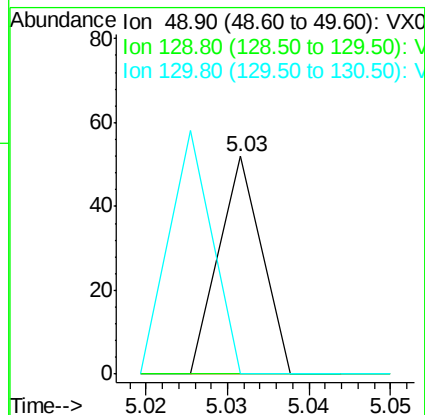
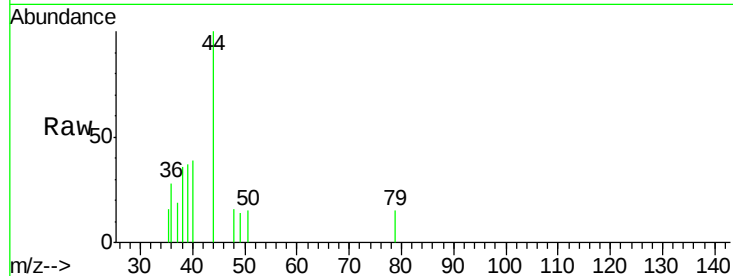
Delta R.T. 0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW118R-180606

Tgt Ion: 49 Resp: 19  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 4.2  
130 110.5 61.2 91.8#



#33

1,2-Dichloroethane-d4

Concen: 56.00 ug/l

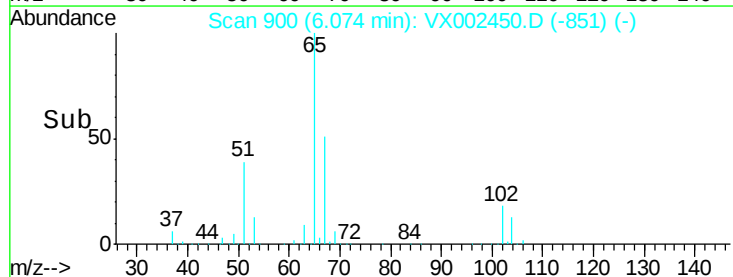
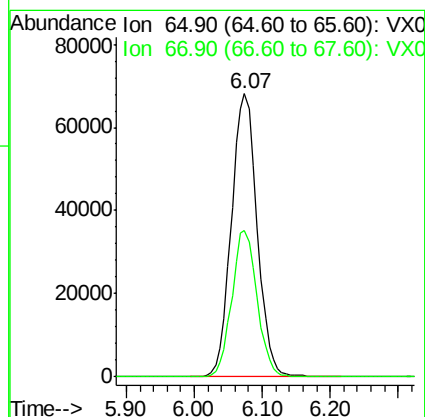
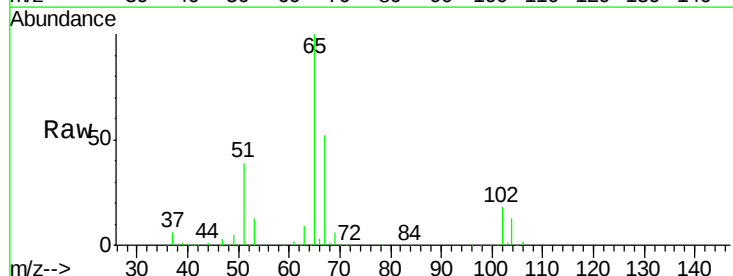
RT: 6.07 min Scan# 900

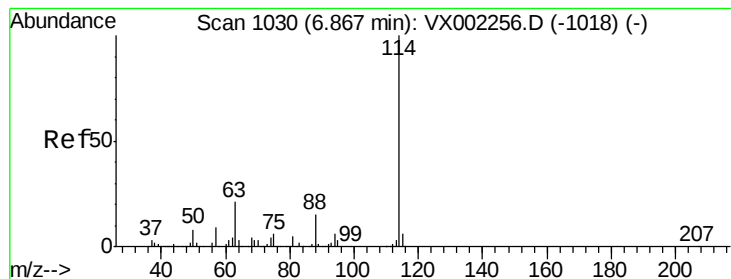
Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Tgt Ion: 65 Resp: 178702  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW118R-180606

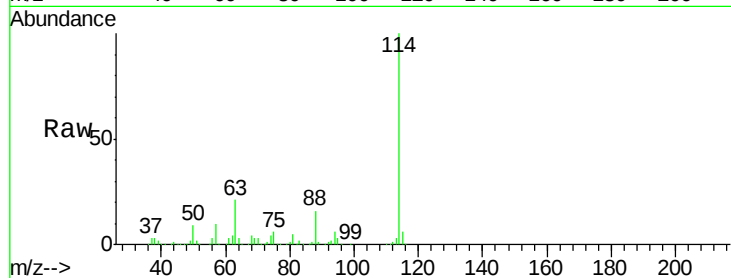
Tgt Ion:114 Resp: 331414

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.4

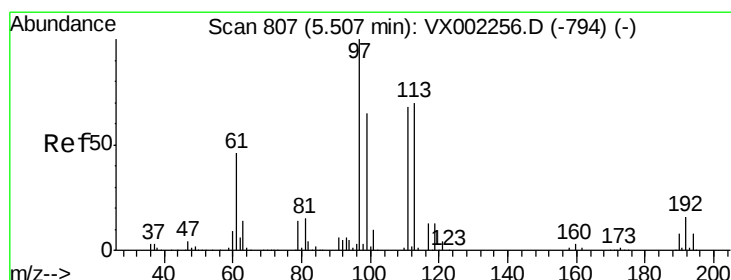
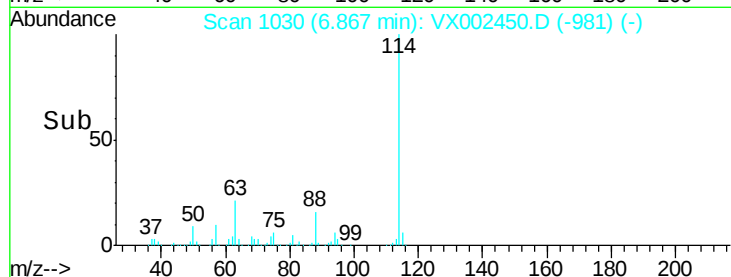
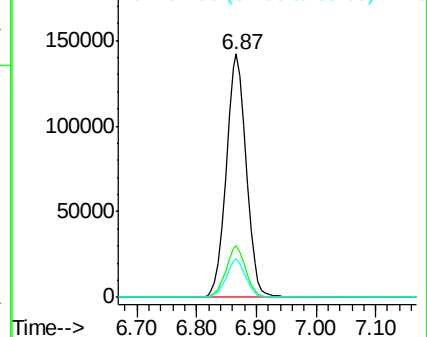
88 15.8 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 51.32 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

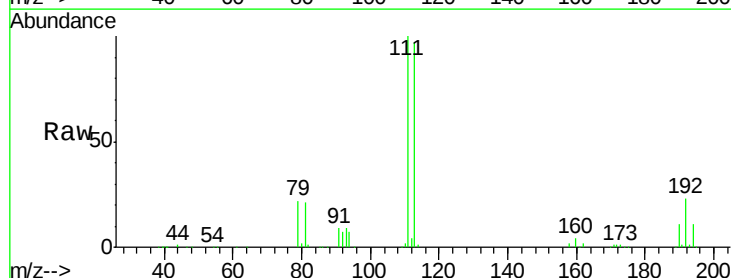
Tgt Ion:113 Resp: 133758

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

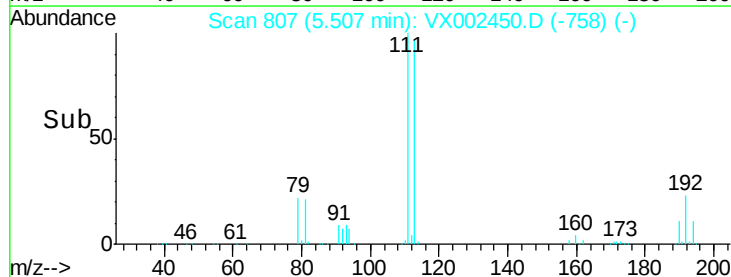
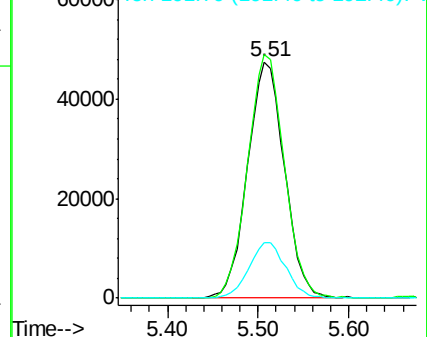
192 23.6 19.1 28.7

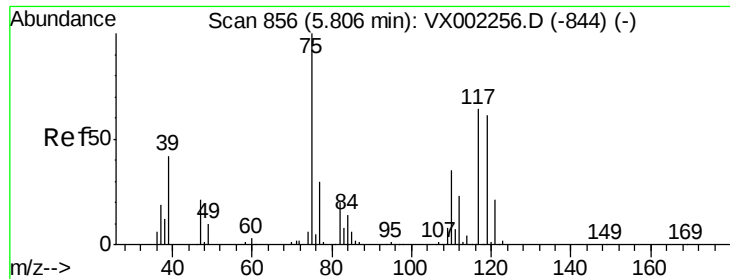


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

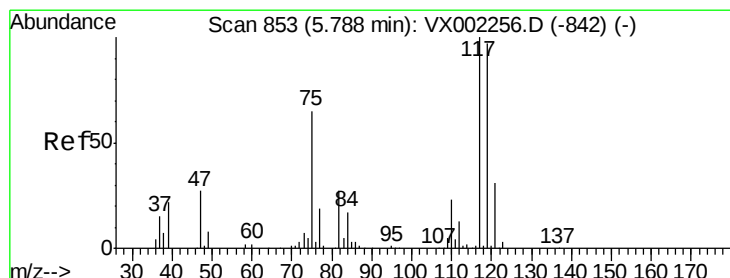
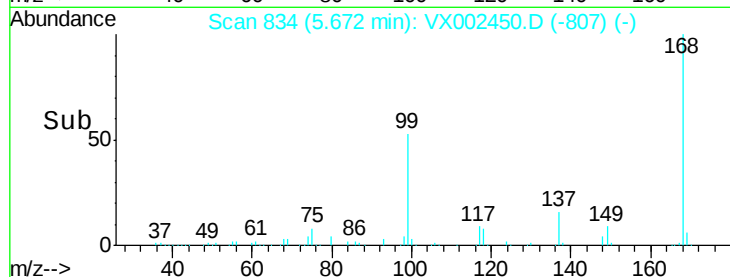
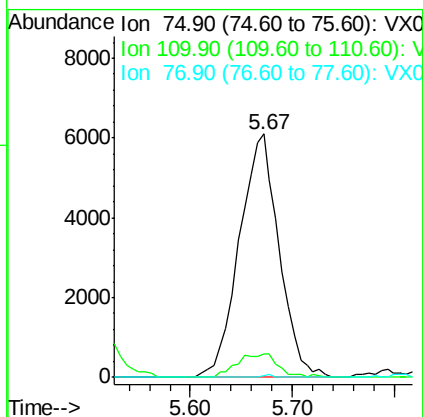
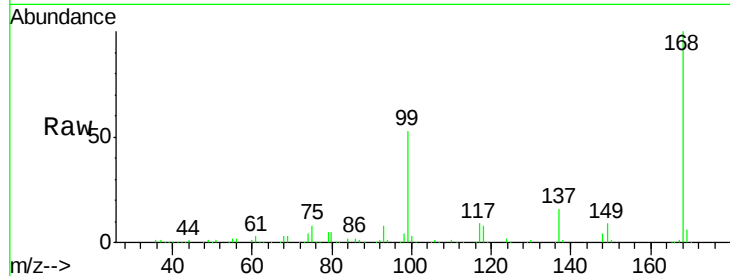




#36  
 1,1-Dichloropropene  
 Concen: 4.72 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.13 min  
 Lab File: VX002450.D  
 Acq: 11 Jun 2018 18:28

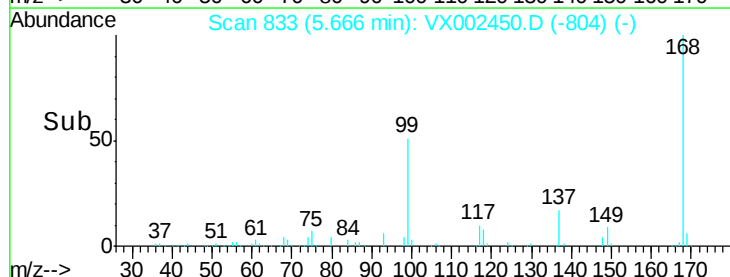
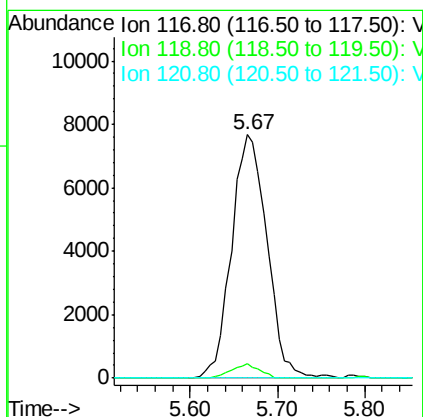
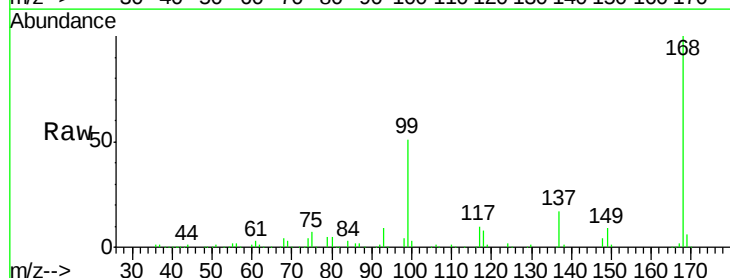
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SS050MW118R-180606

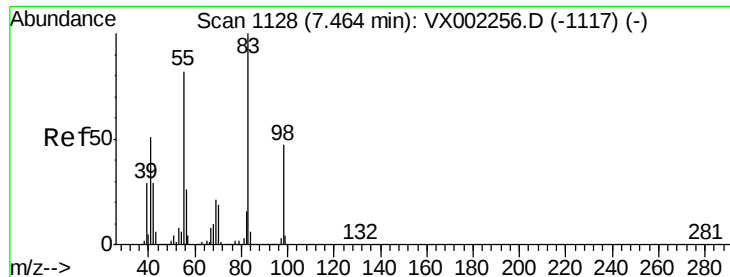
Tgt Ion: 75 Resp: 16446  
 Ion Ratio Lower Upper  
 75 100  
 110 10.1 18.1 54.4#  
 77 0.2 24.3 36.5#



#38  
 Carbon Tetrachloride  
 Concen: 5.94 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.12 min  
 Lab File: VX002450.D  
 Acq: 11 Jun 2018 18:28

Tgt Ion: 117 Resp: 21648  
 Ion Ratio Lower Upper  
 117 100  
 119 6.1 77.4 116.0#  
 121 0.0 24.4 36.6#

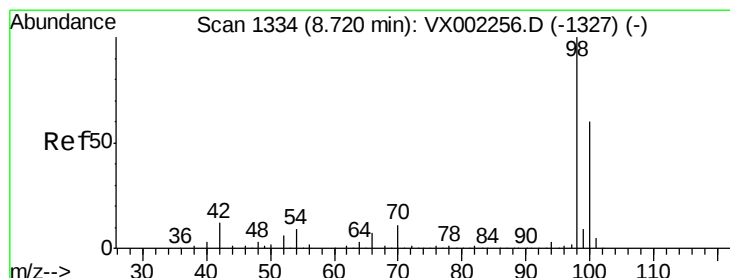
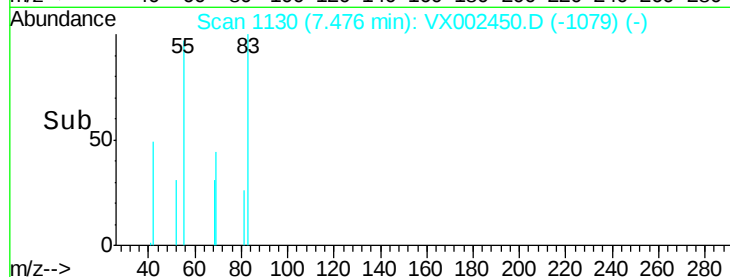
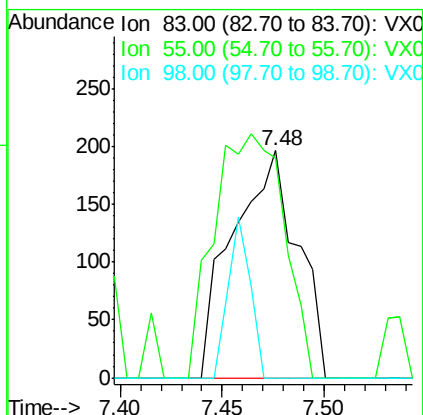
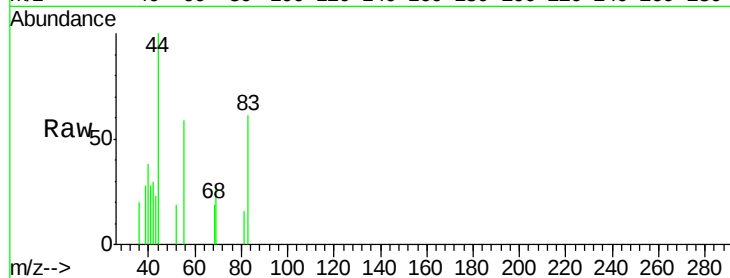




#39  
Methylcyclohexane  
Concen: 0.36 ug/l  
RT: 7.48 min Scan# 1130  
Delta R.T. 0.01 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

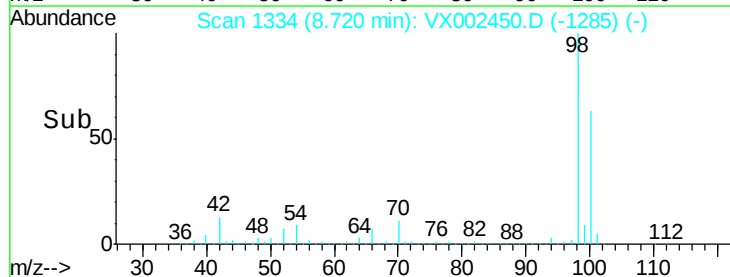
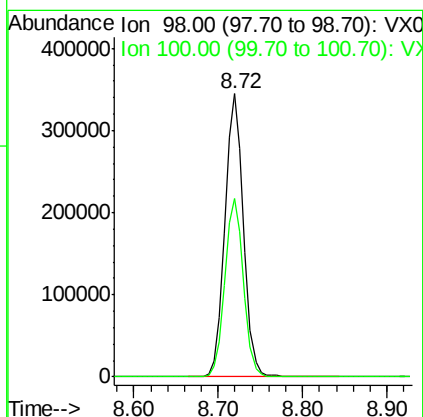
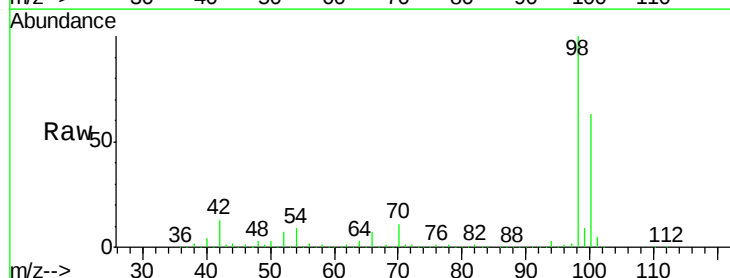
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW118R-180606

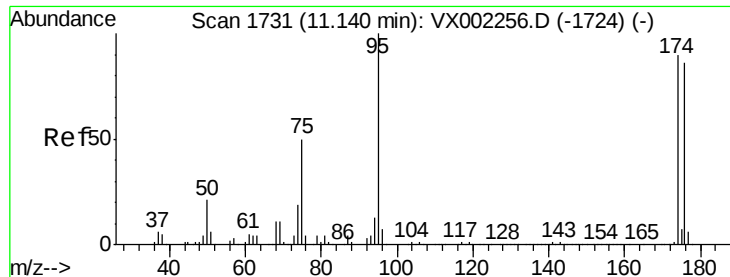
Tgt Ion: 83 Resp: 433  
Ion Ratio Lower Upper  
83 100  
55 96.9 65.4 98.0  
98 0.0 37.4 56.0#



#50  
Toluene-d8  
Concen: 52.33 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

Tgt Ion: 98 Resp: 522775  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.9 76.3

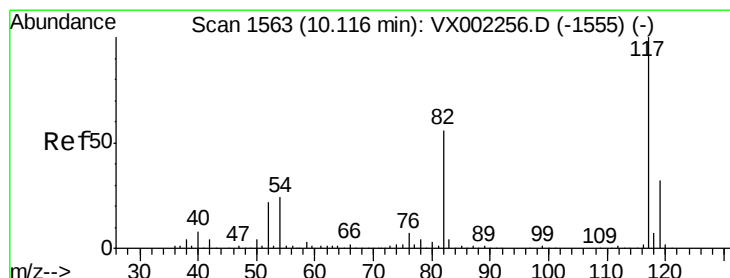
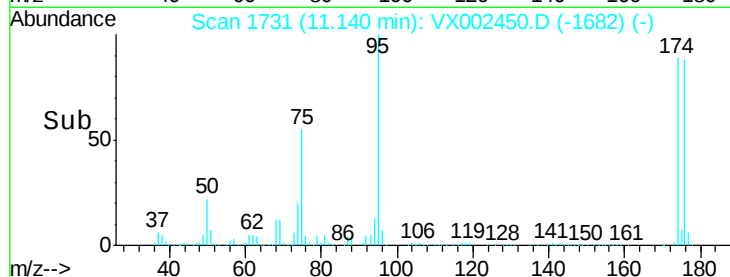
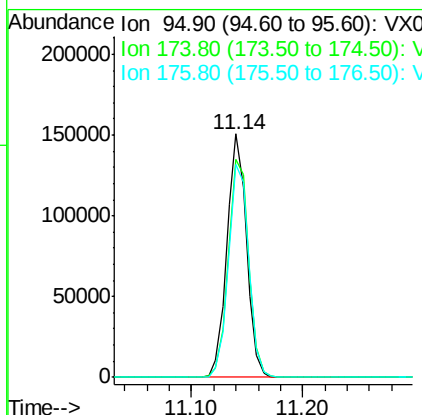
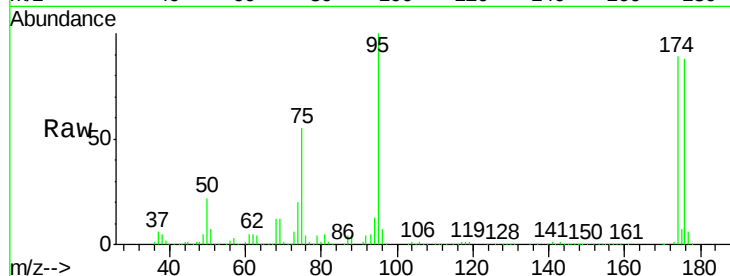




#62  
4-Bromofluorobenzene  
Concen: 47.57 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

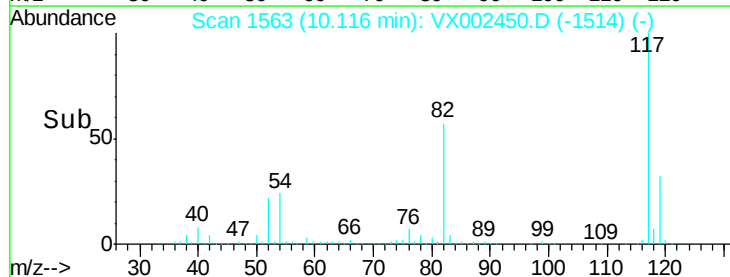
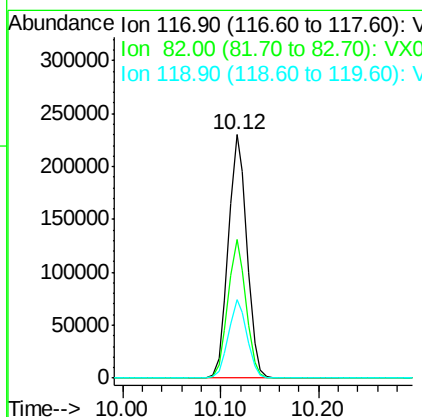
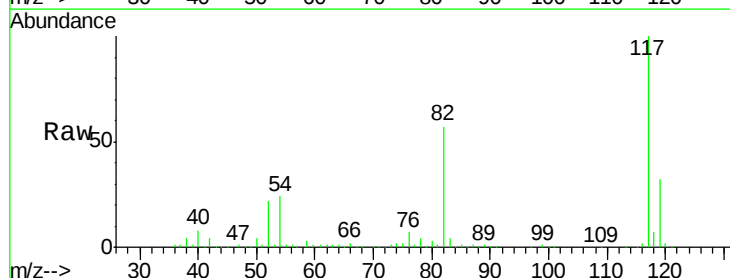
Instrument :  
MSVOA\_X  
ClientSampleId :  
SS050MW118R-180606

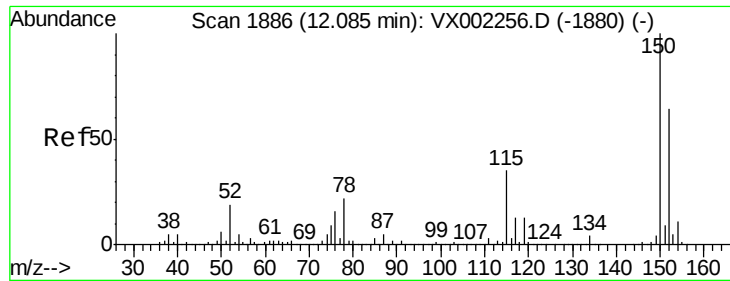
Tgt Ion: 95 Resp: 183243  
Ion Ratio Lower Upper  
95 100  
174 93.3 0.0 187.4  
176 90.8 0.0 181.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002450.D  
Acq: 11 Jun 2018 18:28

Tgt Ion: 117 Resp: 304072  
Ion Ratio Lower Upper  
117 100  
82 56.7 45.0 67.4  
119 32.1 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW118R-180606

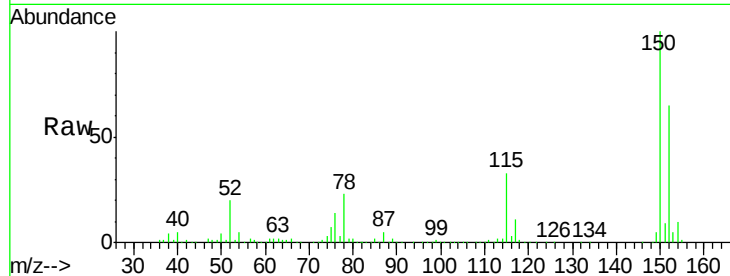
Tgt Ion:152 Resp: 171454

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

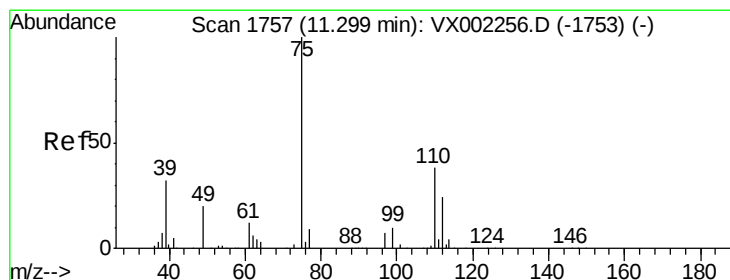
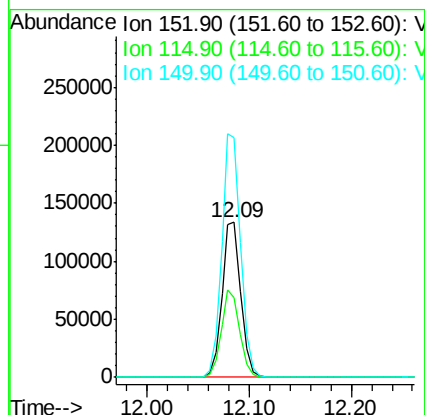
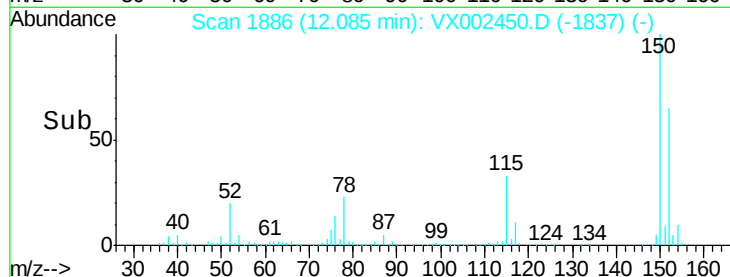
150 157.5 0.0 347.2



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: 26.66 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002450.D

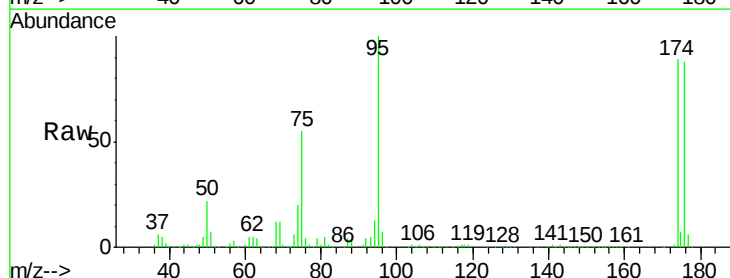
Acq: 11 Jun 2018 18:28

Tgt Ion: 75 Resp: 100281

Ion Ratio Lower Upper

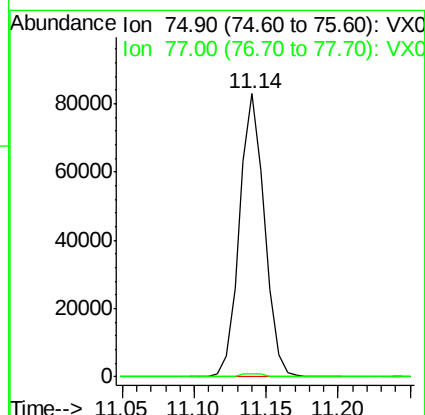
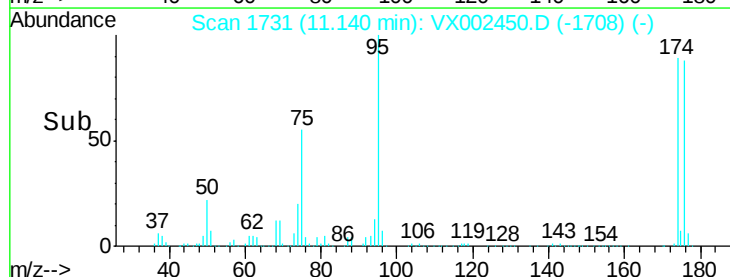
75 100

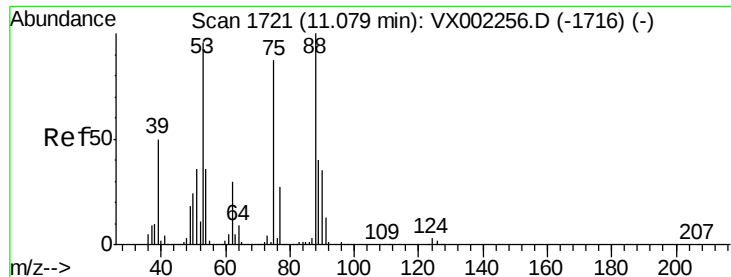
77 1.1 22.8 68.3#



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: 93.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Instrument :

MSVOA\_X

ClientSampleId :

SS050MW118R-180606

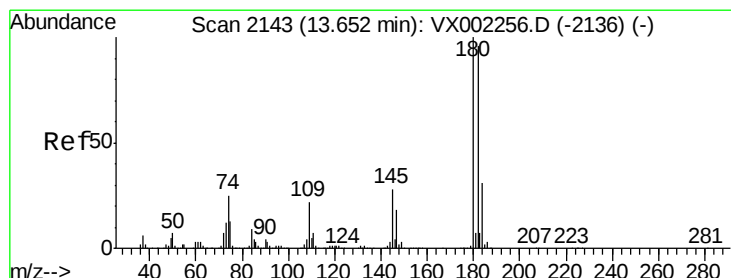
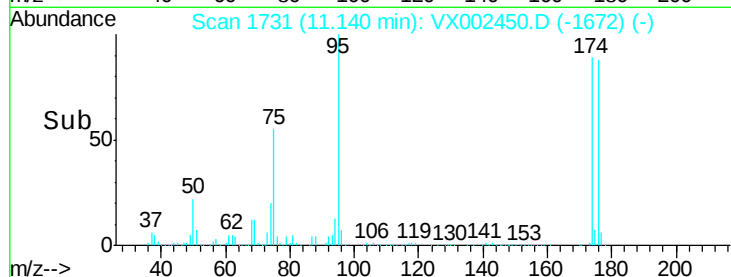
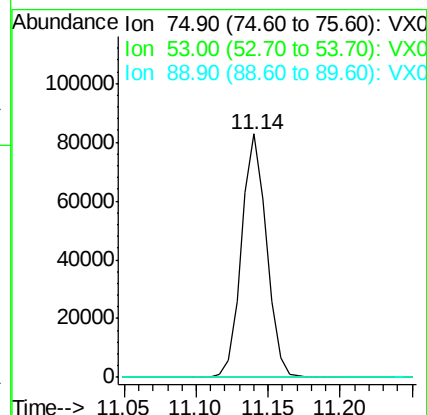
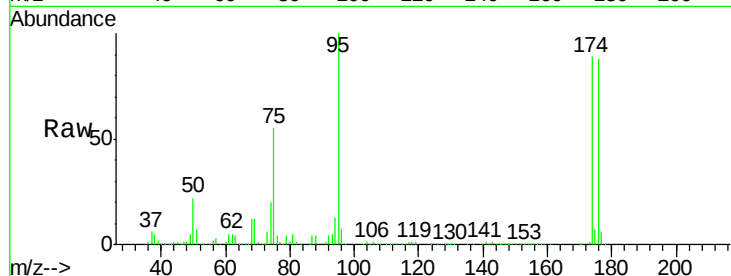
Tgt Ion: 75 Resp: 100281

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



#93

1,2,4-Trichlorobenzene

Concen: 0.21 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. -0.01 min

Lab File: VX002450.D

Acq: 11 Jun 2018 18:28

Tgt Ion: 180 Resp: 922

Ion Ratio Lower Upper

180 100

182 92.8 47.7 143.1

145 51.5 14.1 42.4#

