

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\  
 Data File : VX002640.D  
 Acq On : 16 Jun 2018 11:36  
 Operator : JC/MD  
 Sample : J3477-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0135

Quant Time: Jun 18 06:10:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:37:33 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 215427   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 309278   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 282517   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 159829   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 145204   | 44.35 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 88.70% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 114720   | 46.48 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 92.96% |      |
| 50) Toluene-d8            | 8.72   | 98  | 438188   | 46.75 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.50% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 152531   | 42.95 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.90% |      |

## Target Compounds

|                                |       |     |       |       |        | Qvalue |
|--------------------------------|-------|-----|-------|-------|--------|--------|
| 3) Chloromethane               | 1.32  | 50  | 6576  | 2.42  | ug/l # | 53     |
| 4) Vinyl Chloride              | 1.41  | 62  | 44501 | 15.76 | ug/l # | 55     |
| 5) Bromomethane                | 1.67  | 94  | 857   | 0.50  | ug/l   | 94     |
| 10) Methyl Iodide              | 2.52  | 142 | 1894  | 5.67  | ug/l   | 98     |
| 11) Tert butyl alcohol         | 3.07  | 59  | 544   | 0.80  | ug/l # | 76     |
| 13) Acrolein                   | 2.29  | 56  | 195   | 7.46  | ug/l # | 14     |
| 15) Acrylonitrile              | 3.15  | 53  | 538   | 0.36  | ug/l # | 76     |
| 16) Acetone                    | 2.45  | 43  | 7524  | 5.21  | ug/l   | 94     |
| 17) Carbon Disulfide           | 2.57  | 76  | 3322  | 0.58  | ug/l   | 96     |
| 20) Methylene Chloride         | 2.87  | 84  | 674   | 0.23  | ug/l # | 90     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96  | 4760  | 1.82  | ug/l   | 94     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96  | 38601 | 14.53 | ug/l   | 84     |
| 29) Tetrahydrofuran            | 5.18  | 42  | 488   | 0.39  | ug/l # | 44     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 15044 | 4.58  | ug/l # | 51     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 19997 | 6.11  | ug/l # | 17     |
| 53) t-1,3-Dichloropropene      | 8.46  | 75  | 20    | 2.40  | ug/l # | 53     |
| 54) cis-1,3-Dichloropropene    | 9.06  | 75  | 163   | 3.25  | ug/l # | 72     |
| 60) Dibromochloromethane       | 9.34  | 129 | 146   | 3.81  | ug/l # | 11     |
| 65) Chlorobenzene              | 10.14 | 112 | 5113  | 0.74  | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 80431 | 26.67 | ug/l # | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 80431 | 82.38 | ug/l # | 6      |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146 | 1303  | 0.24  | ug/l   | 92     |
| 88) 1,4-Dichlorobenzene        | 12.03 | 146 | 1303  | 0.23  | ug/l   | 92     |
| 90) Hexachloroethane           | 12.67 | 117 | 66    | 2.67  | ug/l # | 1      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146 | 10152 | 1.85  | ug/l   | 98     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180 | 836   | 0.21  | ug/l   | 86     |
| 96) 1,2,3-Trichlorobenzene     | 14.02 | 180 | 803   | 0.20  | ug/l   | 89     |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampleId :

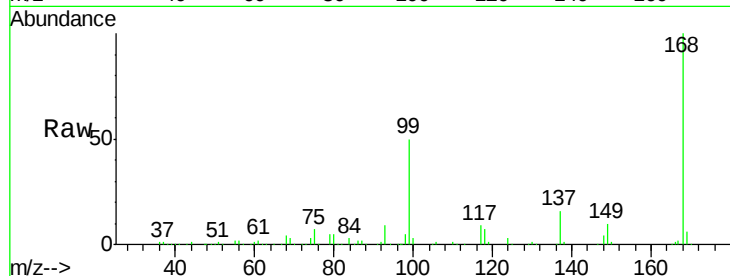
S36-0135

Tot Ion:168 Resp: 215427

Ion Ratio Lower Upper

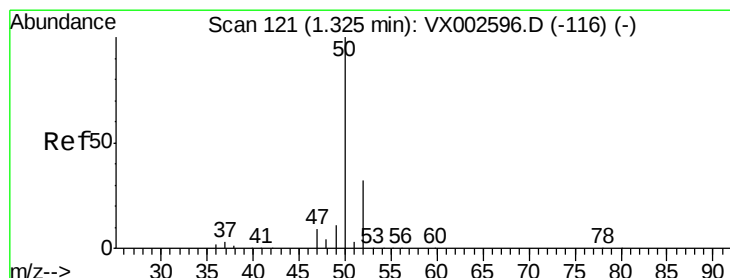
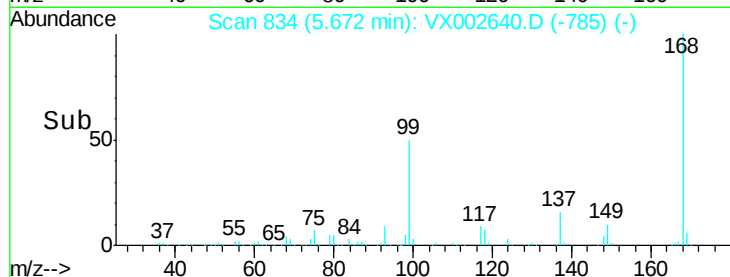
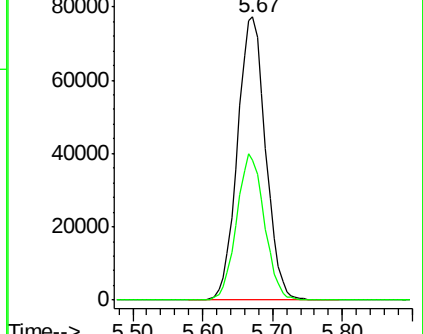
168 100

99 49.5 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: 2.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002640.D

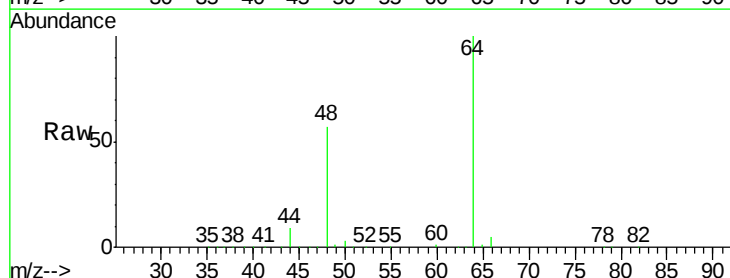
Acq: 16 Jun 2018 11:36

Tgt Ion: 50 Resp: 6576

Ion Ratio Lower Upper

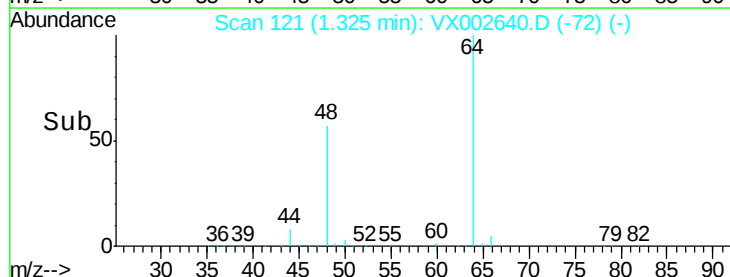
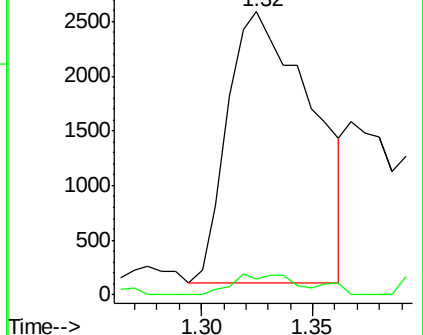
50 100

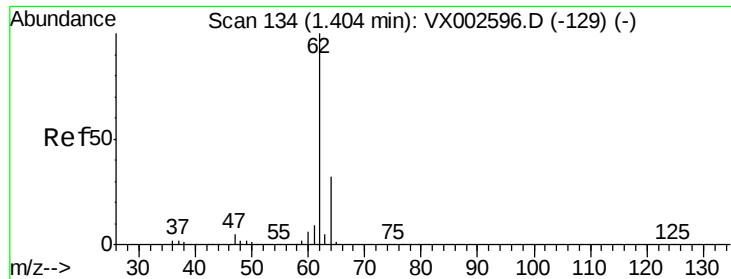
52 5.8 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 15.76 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampled :

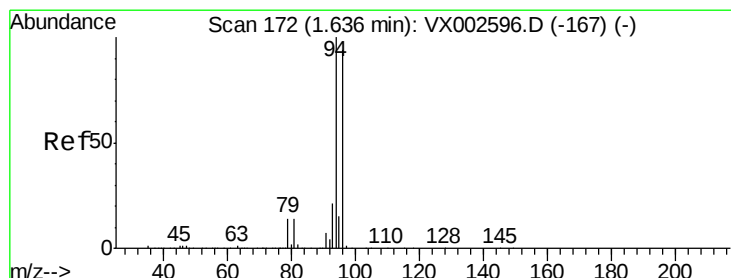
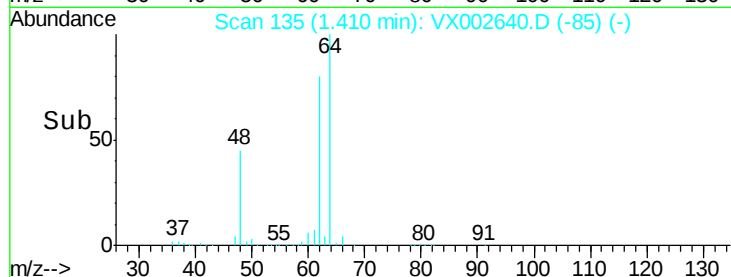
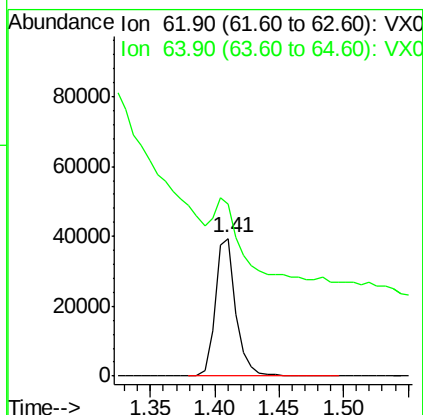
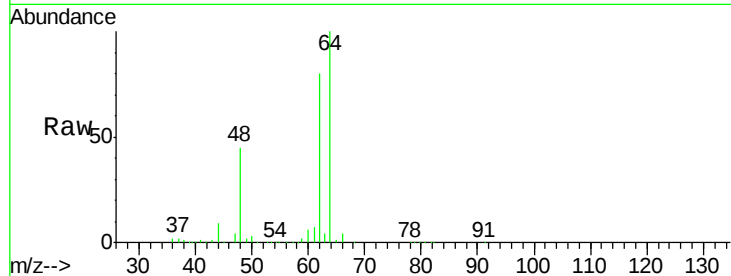
S36-0135

Tot Ion: 62 Resp: 44501

Ion Ratio Lower Upper

62 100

64 56.6 25.4 38.2#



#5

Bromomethane

Concen: 0.50 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002640.D

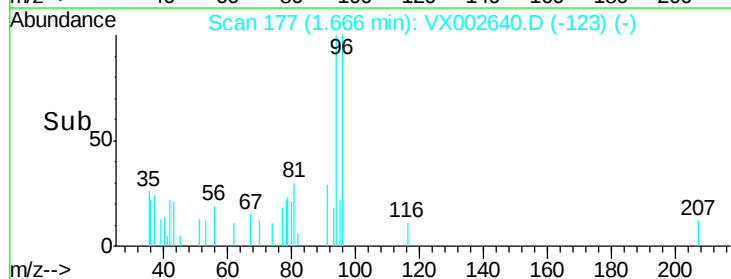
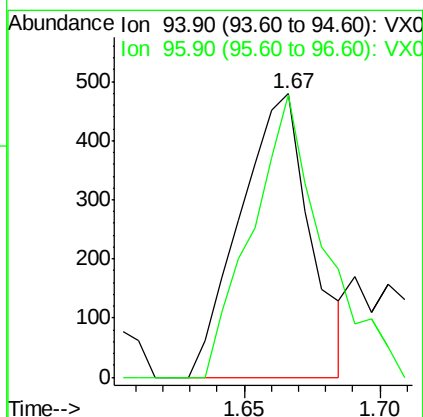
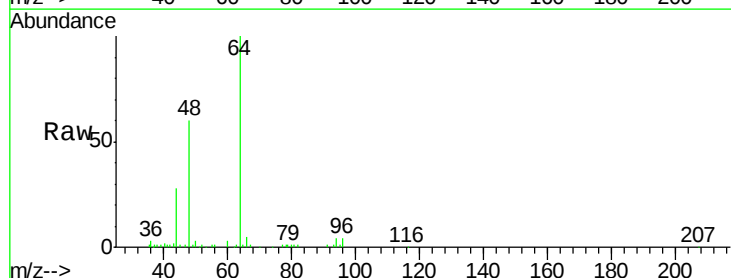
Acq: 16 Jun 2018 11:36

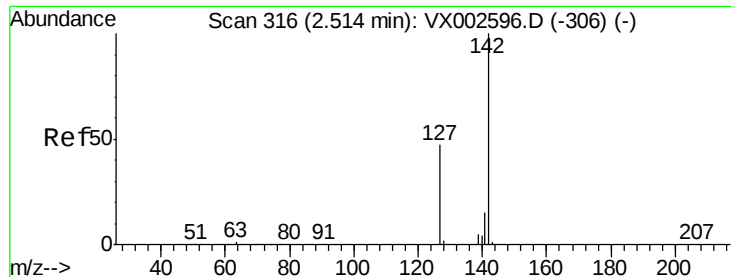
Tgt Ion: 94 Resp: 857

Ion Ratio Lower Upper

94 100

96 99.6 74.9 112.3

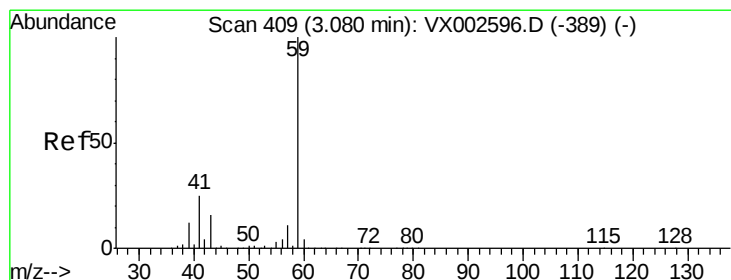
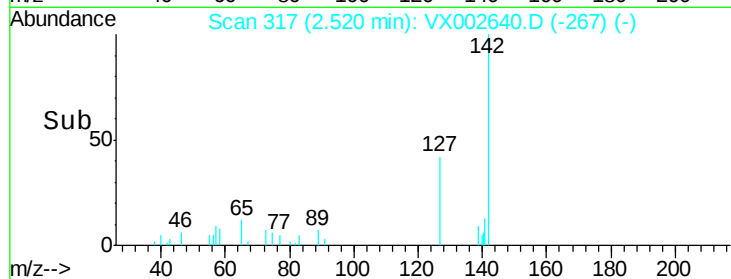
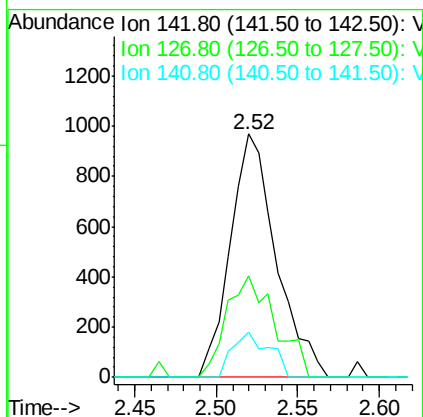
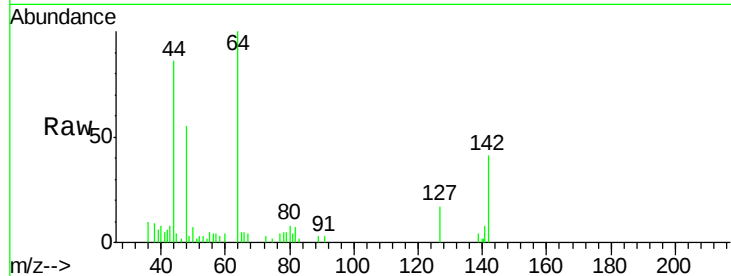




#10  
Methvl Iodide  
Concen: 5.67 ug/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

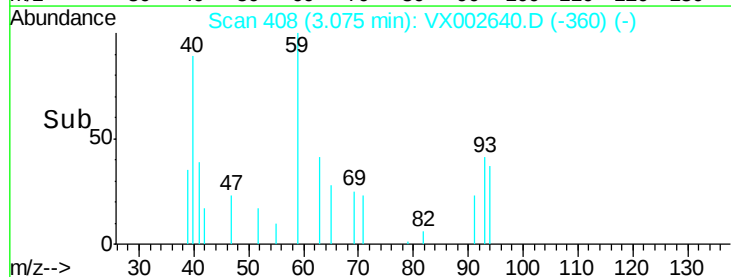
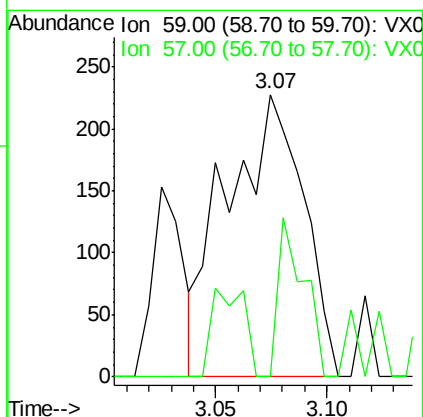
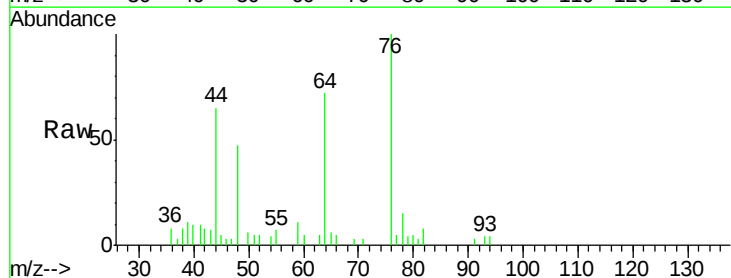
Instrument :  
MSVOA\_X  
ClientSampled :  
S36-0135

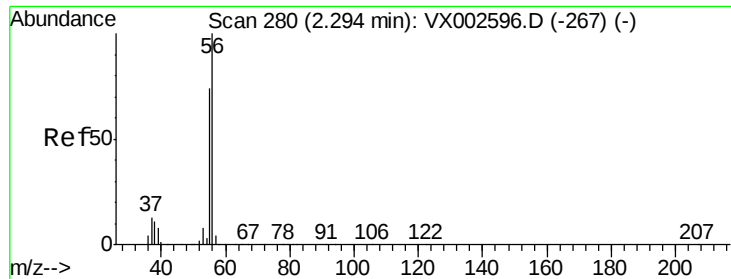
Tot Ion:142 Resp: 1894  
Ion Ratio Lower Upper  
142 100  
127 44.3 36.6 55.0  
141 14.7 11.3 16.9



#11  
Tert butyl alcohol  
Concen: 0.80 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion: 59 Resp: 544  
Ion Ratio Lower Upper  
59 100  
57 19.1 8.2 12.2#





#13

Acrolein

Concen: 7.46 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampled :

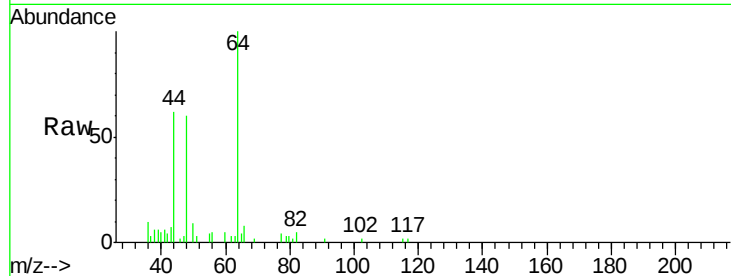
S36-0135

Tot Ion: 56 Resp: 195

Ion Ratio Lower Upper

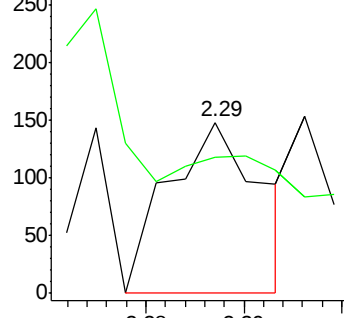
56 100

55 0.0 57.0 85.4#

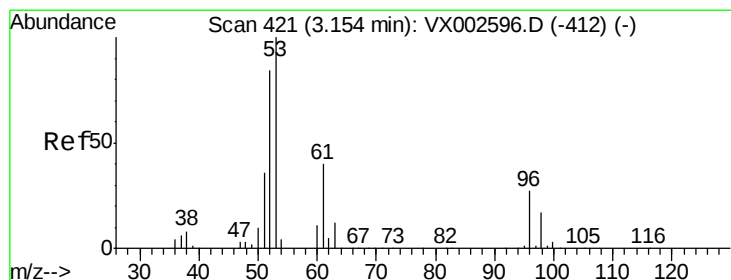
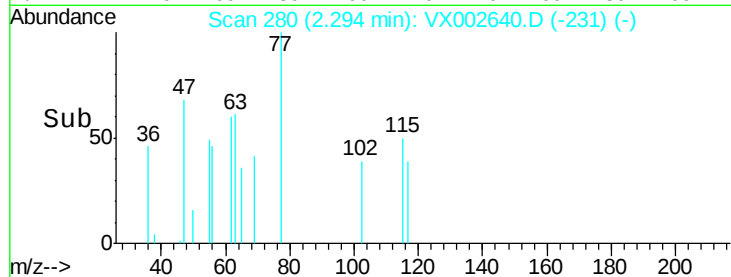


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#15

Acrylonitrile

Concen: 0.36 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

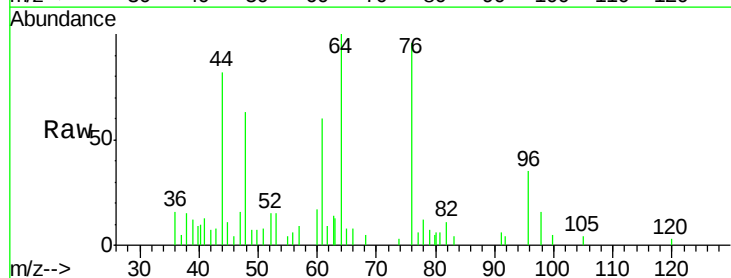
Tgt Ion: 53 Resp: 538

Ion Ratio Lower Upper

53 100

52 103.3 66.7 100.1#

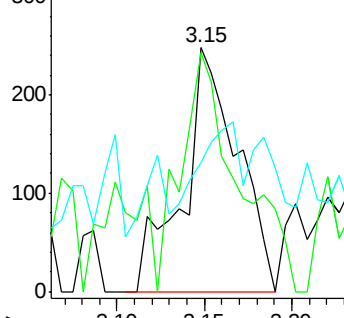
51 20.4 29.9 44.9#



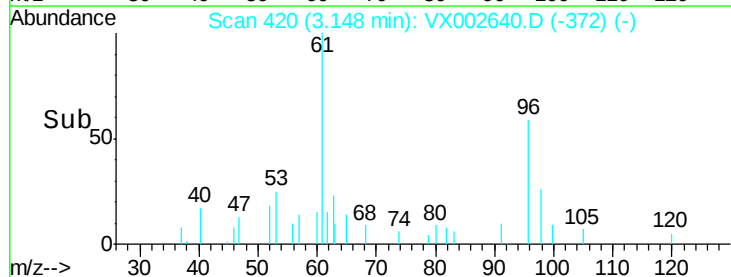
Abundance Ion 53.00 (52.70 to 53.70): VX0

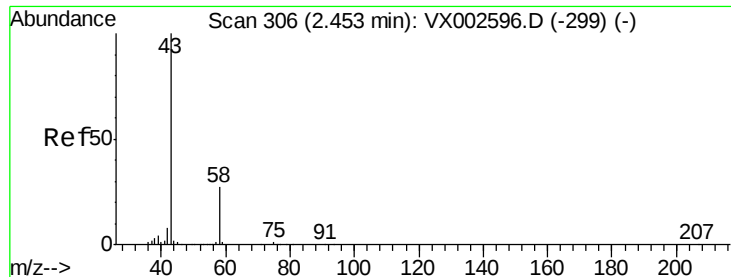
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->





#16

Acetone

Concen: 5.21 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampleId :

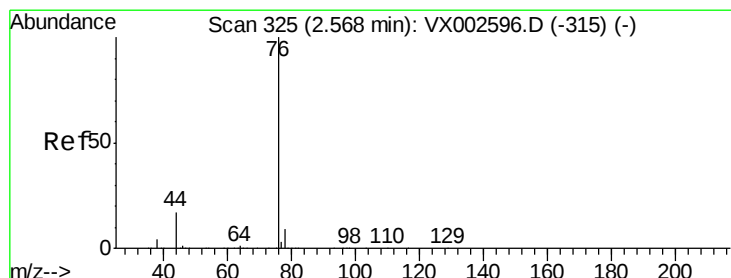
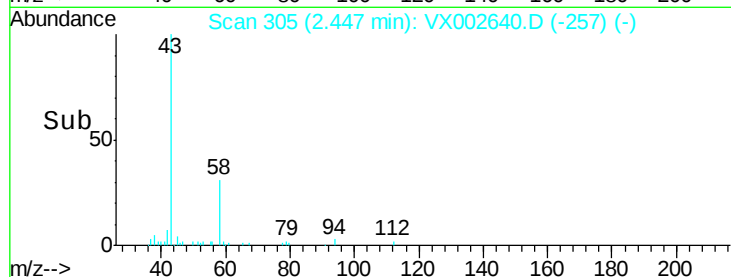
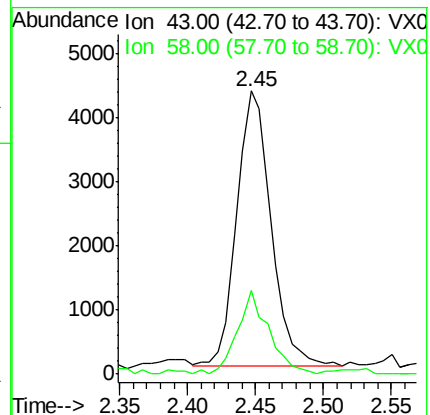
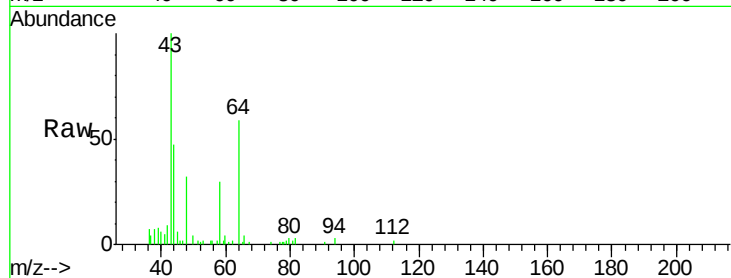
S36-0135

Tot Ion: 43 Resp: 7524

Ion Ratio Lower Upper

43 100

58 30.7 22.1 33.1



#17

Carbon Disulfide

Concen: 0.58 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002640.D

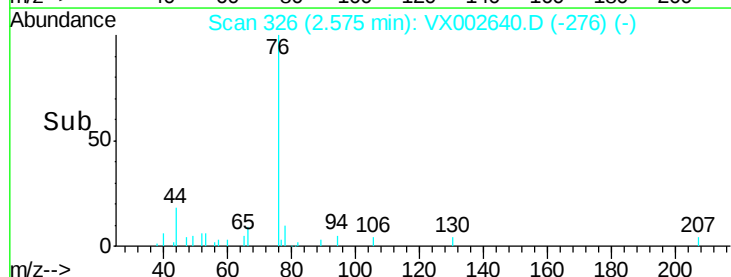
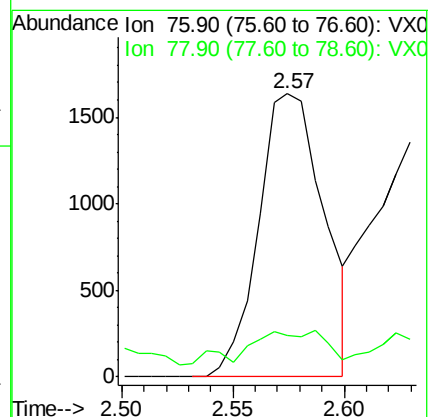
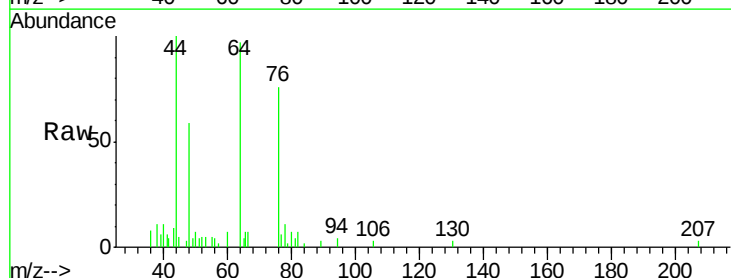
Acq: 16 Jun 2018 11:36

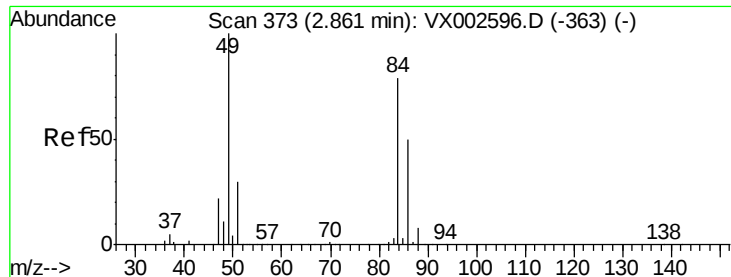
Tgt Ion: 76 Resp: 3322

Ion Ratio Lower Upper

76 100

78 10.0 6.9 10.3

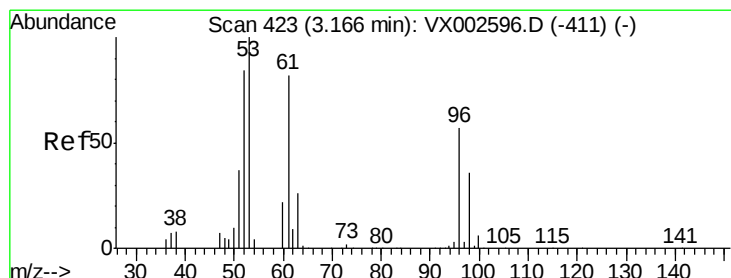
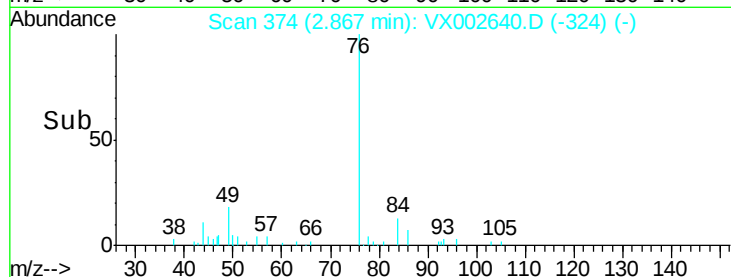
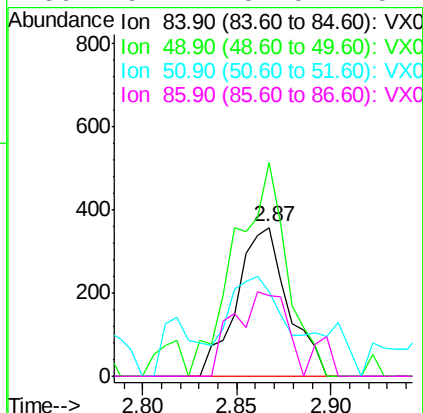
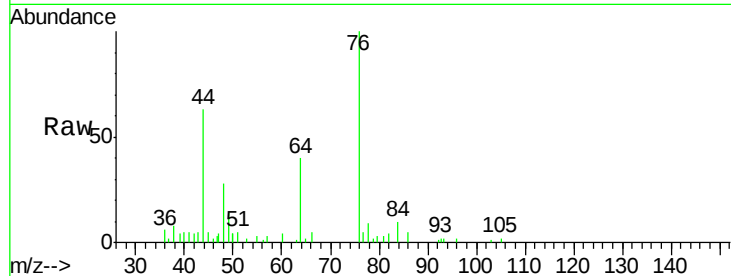




#20  
Methvlene Chloride  
Concen: 0.23 ug/l  
RT: 2.87 min Scan# 374  
Delta R.T. 0.01 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

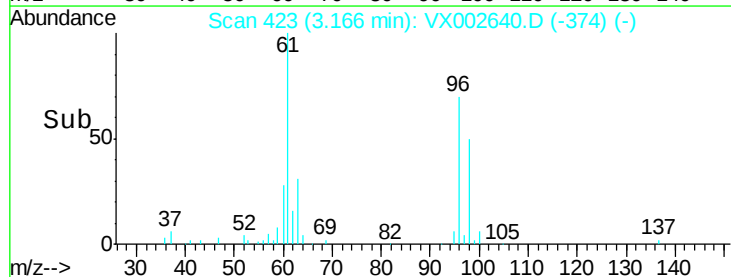
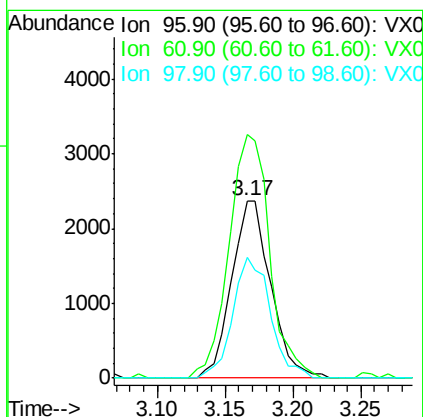
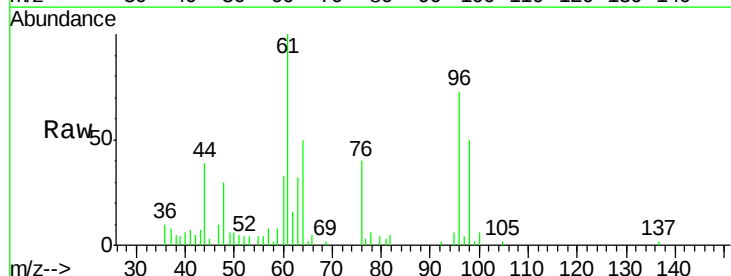
Instrument :  
MSVOA\_X  
ClientSampleId :  
S36-0135

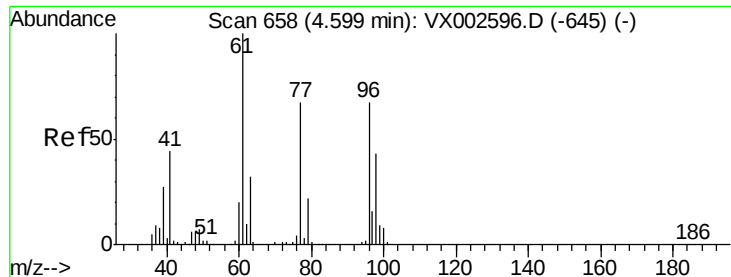
Tot Ion: 84 Resp: 674  
Ion Ratio Lower Upper  
84 100  
49 143.3 107.8 161.6  
51 32.4 32.8 49.2#  
86 54.2 52.5 78.7



#21  
trans-1,2-Dichloroethene  
Concen: 1.82 ug/l  
RT: 3.17 min Scan# 423  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion: 96 Resp: 4760  
Ion Ratio Lower Upper  
96 100  
61 137.1 117.0 175.4  
98 68.3 52.4 78.6





#27

cis-1,2-Dichloroethene

Concen: 14.53 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampled :

S36-0135

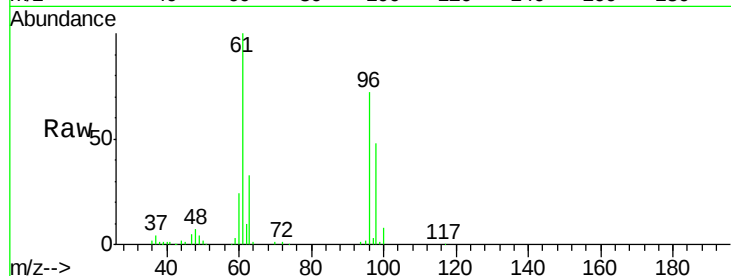
Tot Ion: 96 Resp: 38601

Ion Ratio Lower Upper

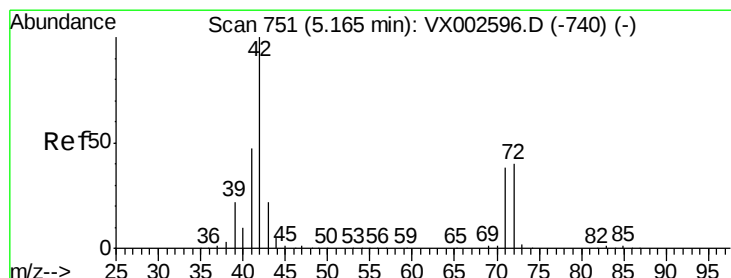
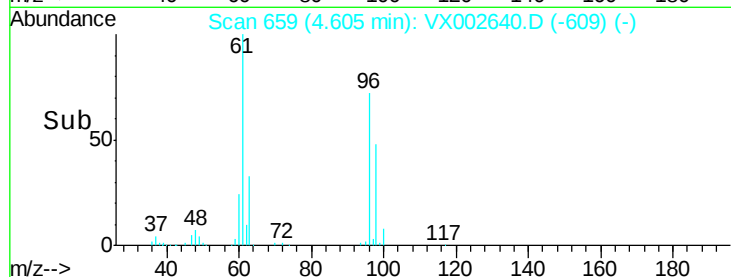
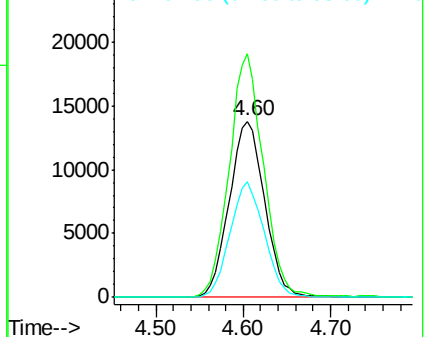
96 100

61 135.0 0.0 330.2

98 63.9 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



#29

Tetrahydrofuran

Concen: 0.39 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

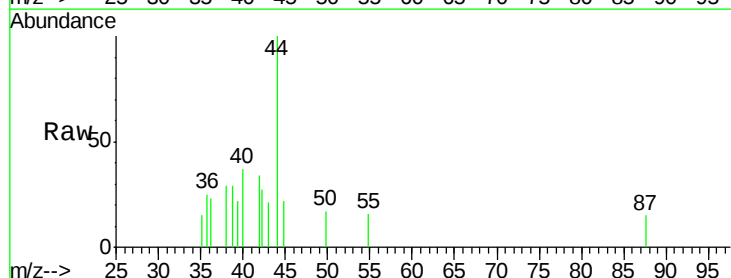
Tgt Ion: 42 Resp: 488

Ion Ratio Lower Upper

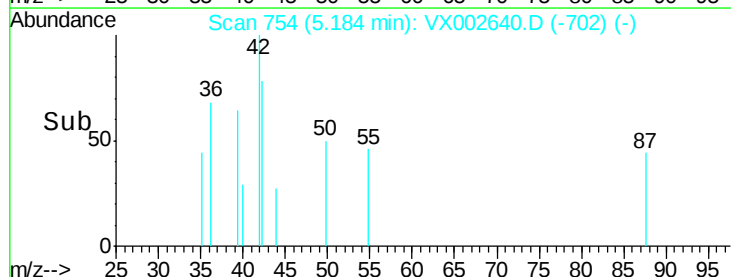
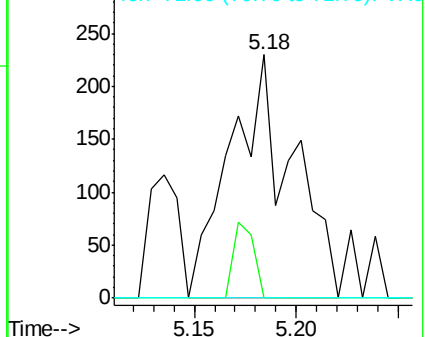
42 100

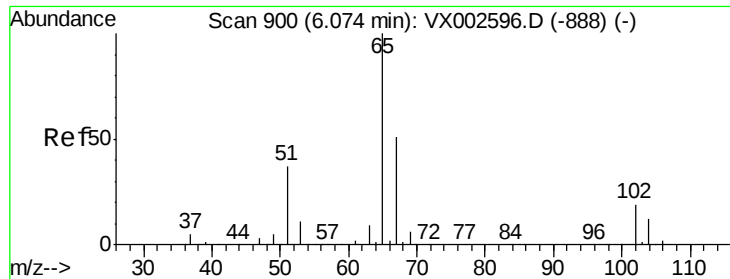
72 9.8 32.0 48.0#

71 0.0 30.1 45.1#



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

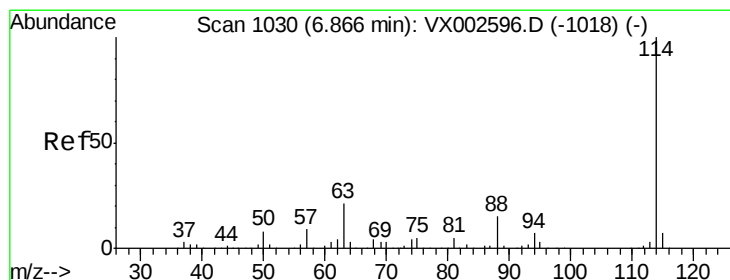
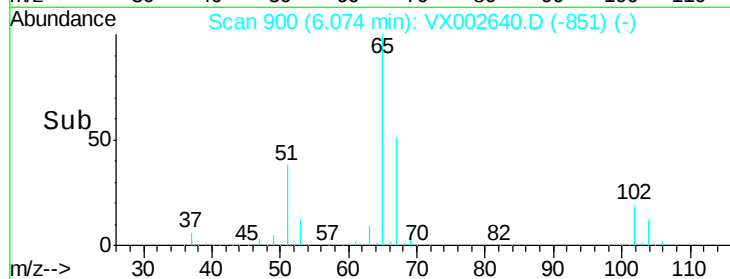
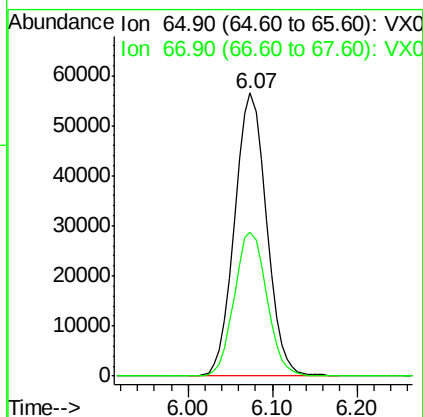
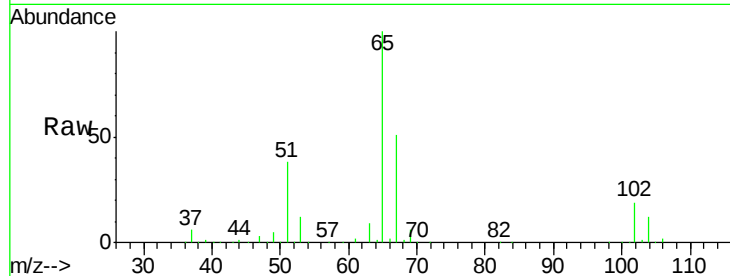




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.35 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

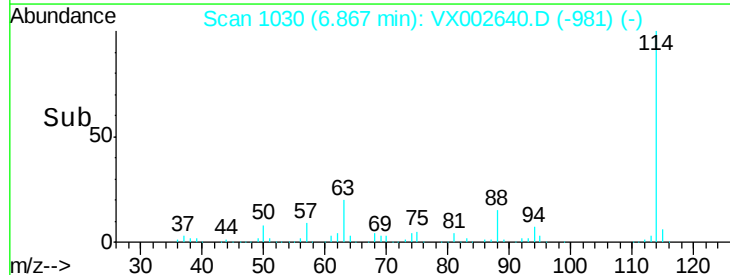
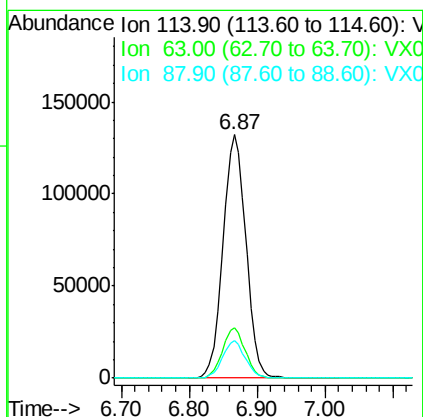
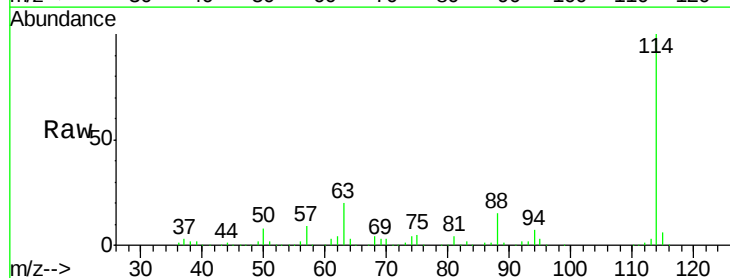
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S36-0135

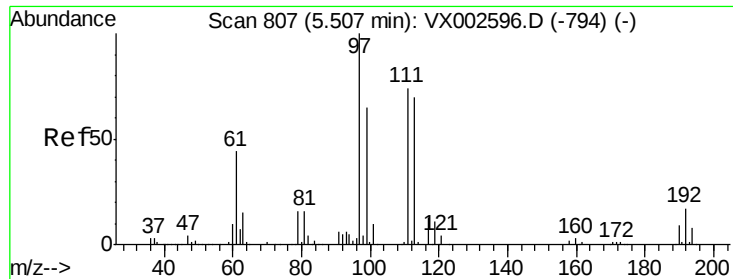
Tot Ion: 65 Resp: 145204  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. 0.00 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

Tgt Ion: 114 Resp: 309278  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 41.4  
 88 15.2 0.0 30.0

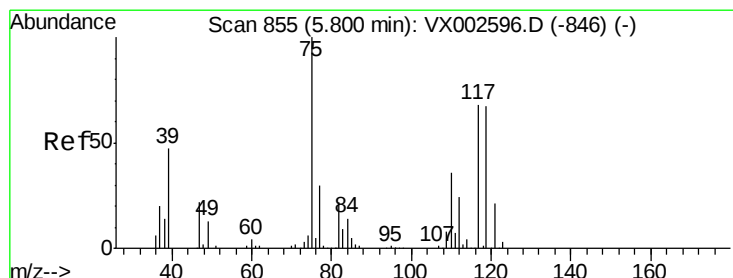
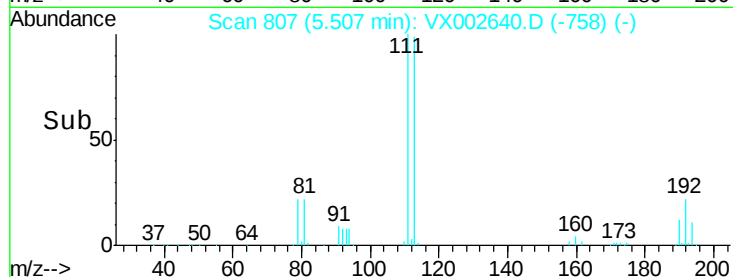
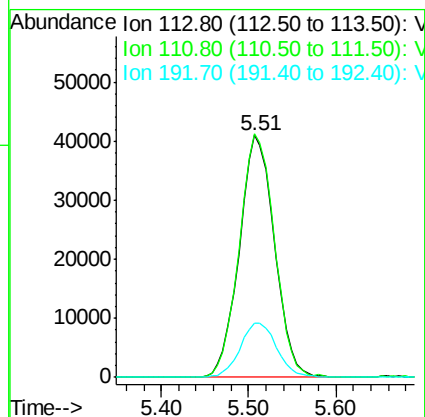
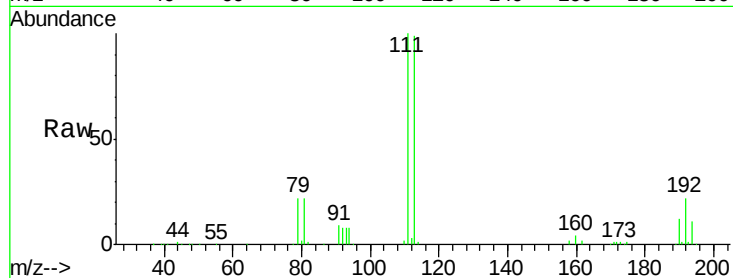




#35  
Dibromofluoromethane  
Concen: 46.48 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

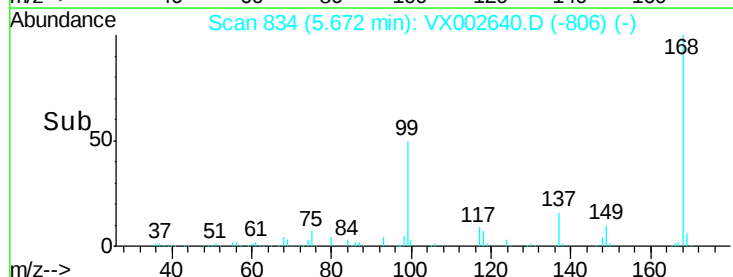
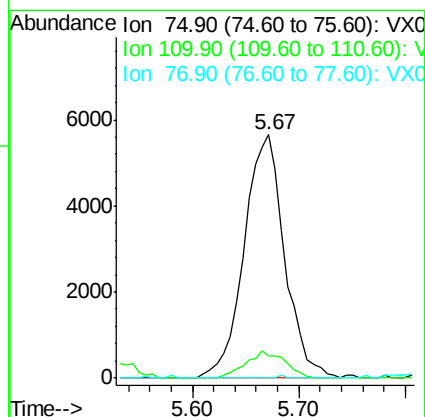
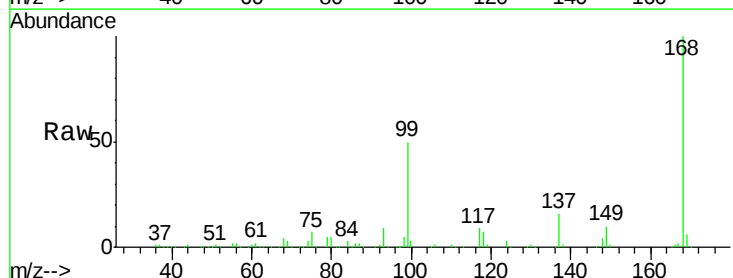
Instrument :  
MSVOA\_X  
ClientSampled :  
S36-0135

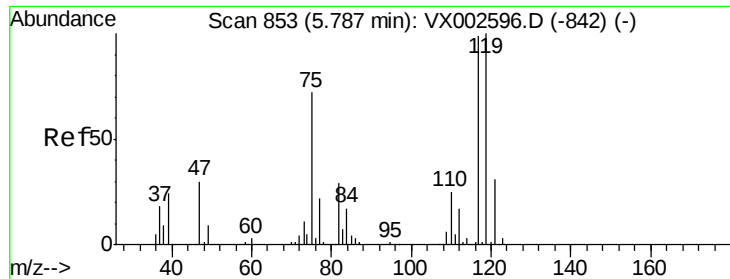
Tot Ion:113 Resp: 114720  
Ion Ratio Lower Upper  
113 100  
111 100.9 81.4 122.0  
192 23.3 19.1 28.7



#36  
1,1-Dichloropropene  
Concen: 4.58 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. -0.13 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion: 75 Resp: 15044  
Ion Ratio Lower Upper  
75 100  
110 10.7 18.1 54.4#  
77 0.1 24.3 36.5#

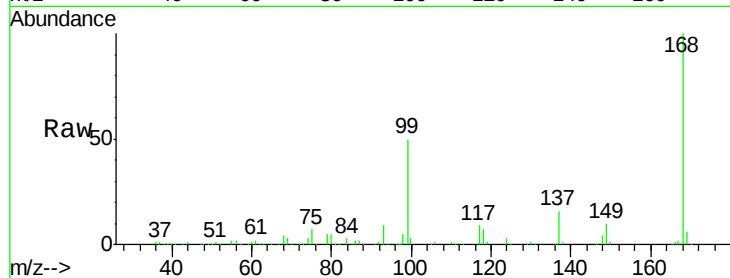




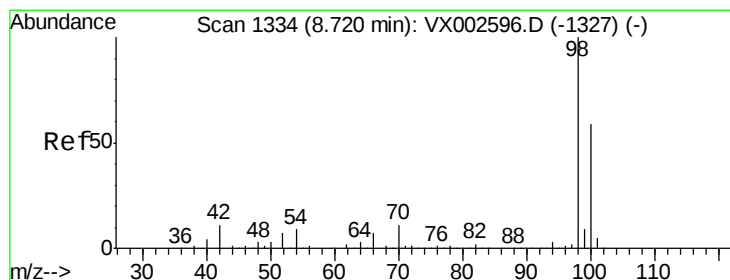
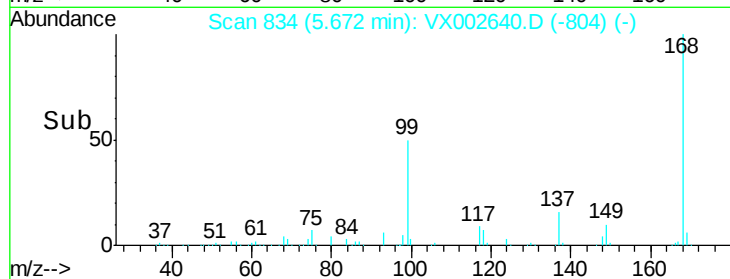
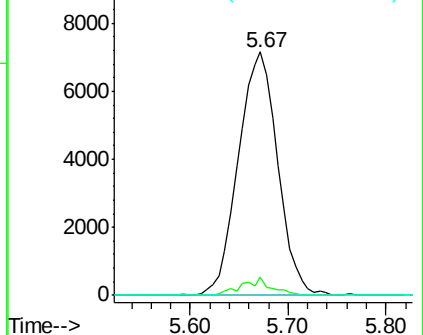
#38  
Carbon Tetrachloride  
Concen: 6.11 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. -0.12 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Instrument :  
MSVOA\_X  
ClientSampleId :  
S36-0135

Tot Ion:117 Resp: 19997  
Ion Ratio Lower Upper  
117 100  
119 7.4 77.4 116.0#  
121 0.0 24.4 36.6#

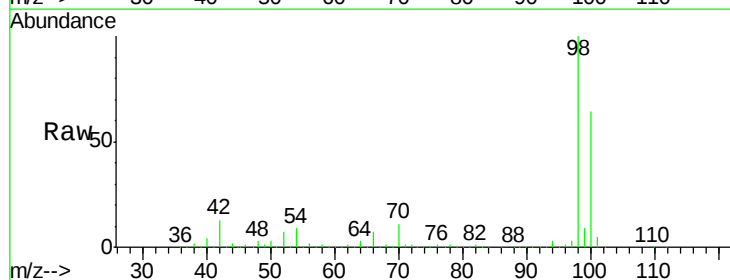


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

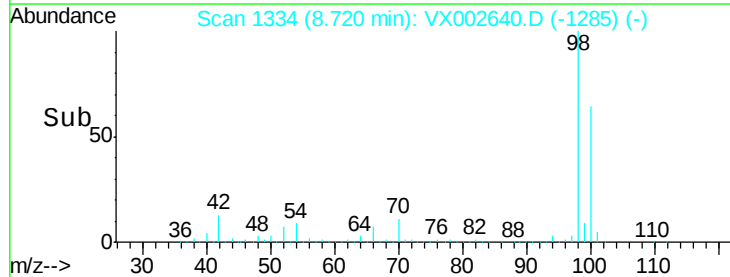
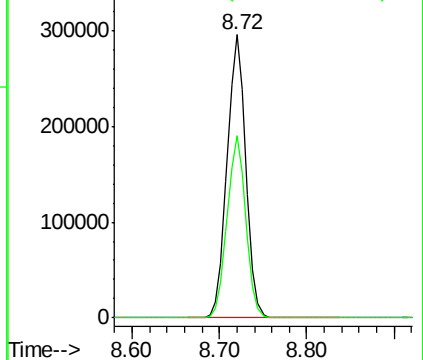


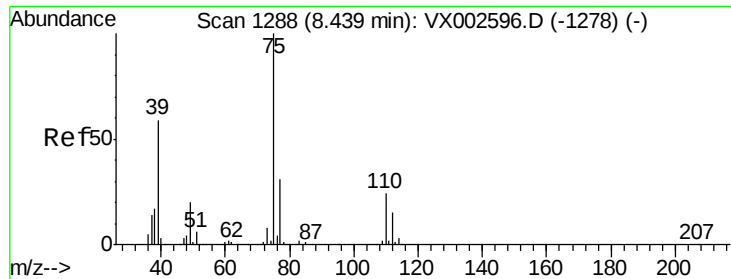
#50  
Toluene-d8  
Concen: 46.75 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion: 98 Resp: 438188  
Ion Ratio Lower Upper  
98 100  
100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): V

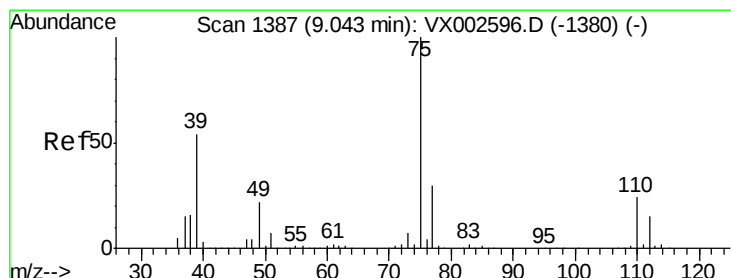
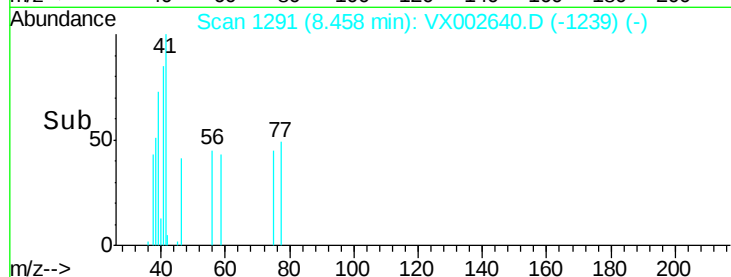
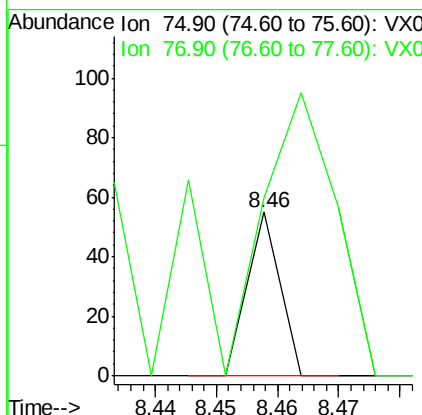
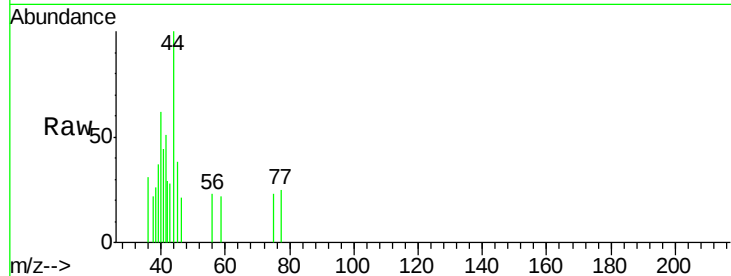




#53  
 t-1,3-Dichloropropene  
 Concen: 2.40 ug/l  
 RT: 8.46 min Scan# 1291  
 Delta R.T. 0.02 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

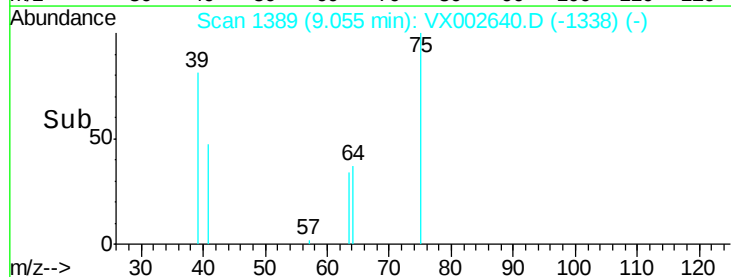
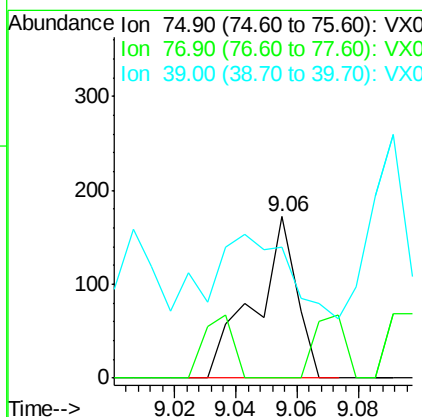
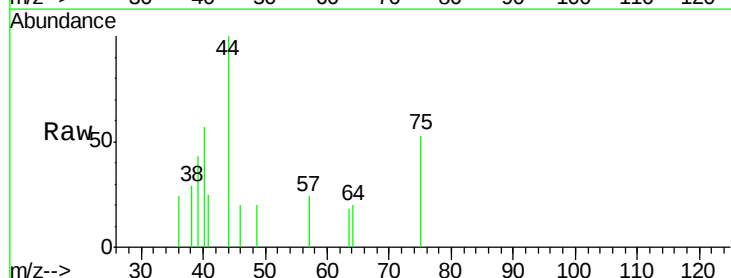
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S36-0135

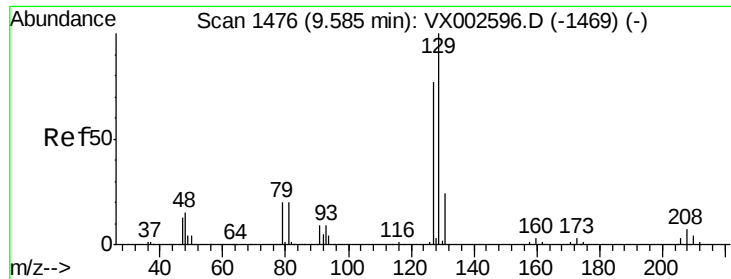
Tot Ion: 75 Resp: 20  
 Ion Ratio Lower Upper  
 75 100  
 77 5.5 25.4 38.2#



#54  
 cis-1,3-Dichloropropene  
 Concen: 3.25 ug/l  
 RT: 9.06 min Scan# 1389  
 Delta R.T. 0.01 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

Tgt Ion: 75 Resp: 163  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 24.8 37.2#  
 39 44.8 42.4 63.6





#60

Dibromochloromethane

Concen: 3.81 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampleId :

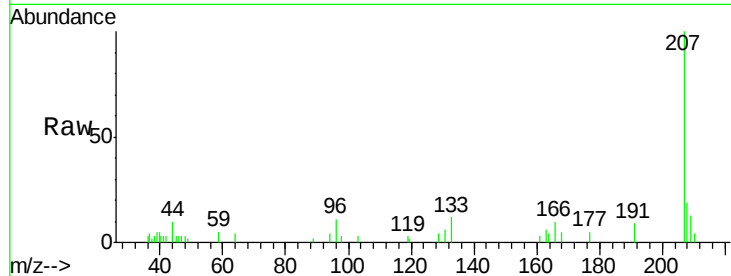
S36-0135

Tot Ion:129 Resp: 146

Ion Ratio Lower Upper

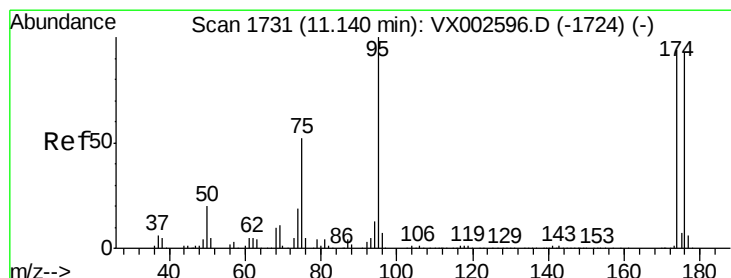
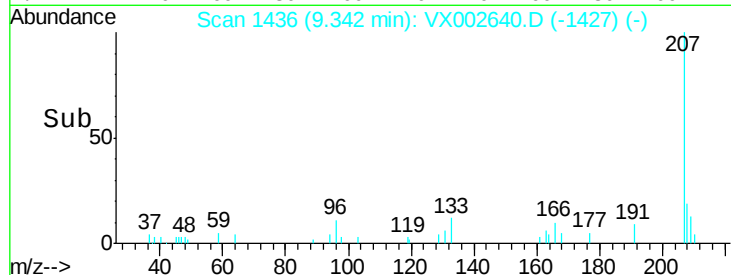
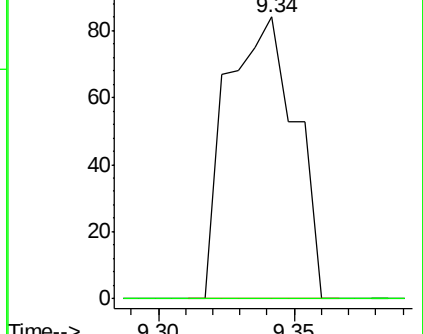
129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 42.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

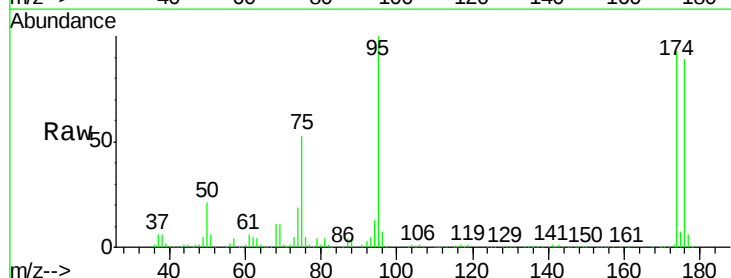
Tgt Ion: 95 Resp: 152531

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

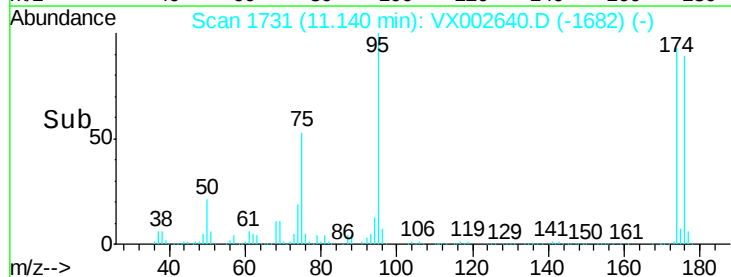
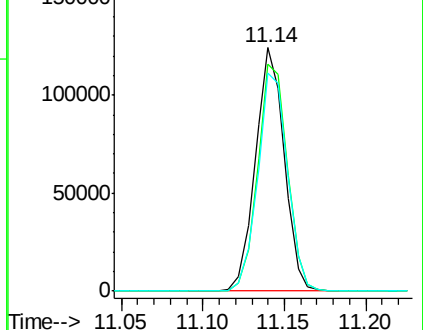
176 92.7 0.0 181.0

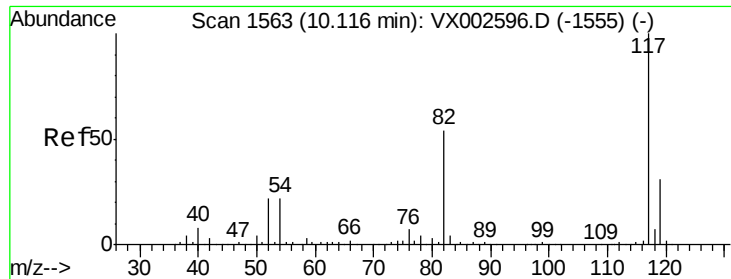


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

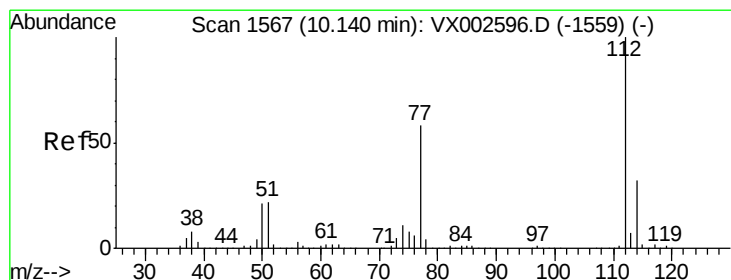
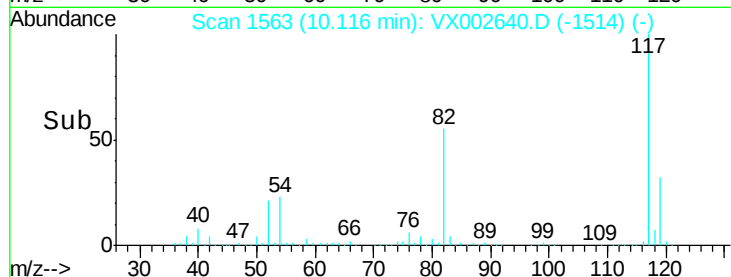
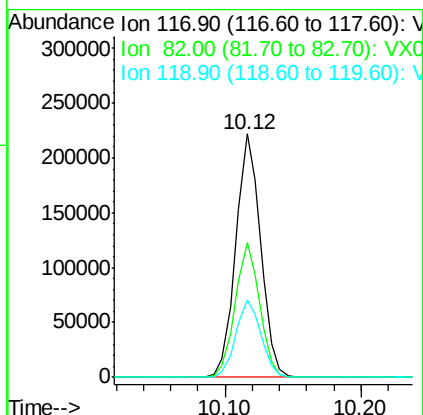
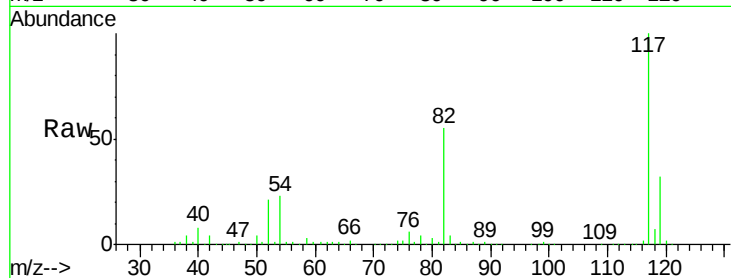




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

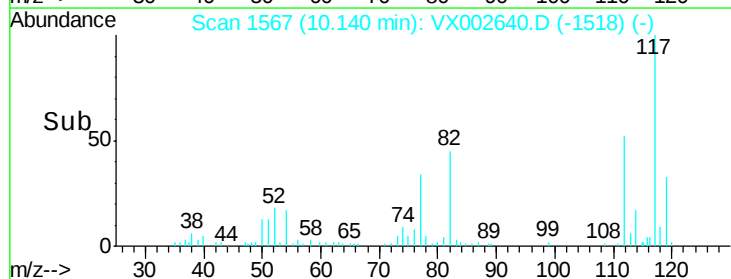
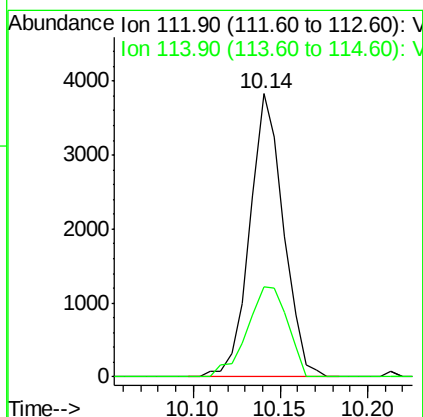
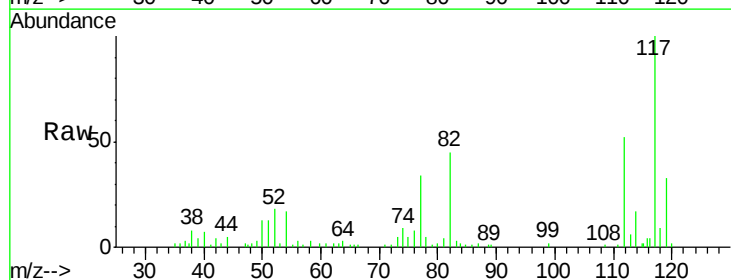
Instrument :  
MSVOA\_X  
ClientSampled :  
S36-0135

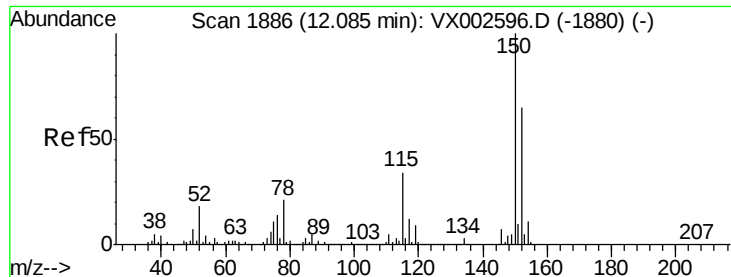
Tot Ion:117 Resp: 282517  
Ion Ratio Lower Upper  
117 100  
82 55.1 45.0 67.4  
119 31.6 25.8 38.6



#65  
Chlorobenzene  
Concen: 0.74 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion:112 Resp: 5113  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampled :

S36-0135

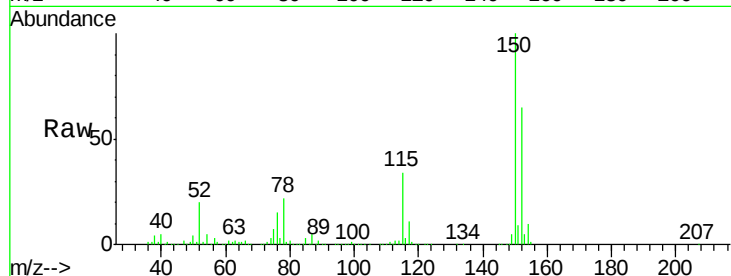
Tot Ion:152 Resp: 159829

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

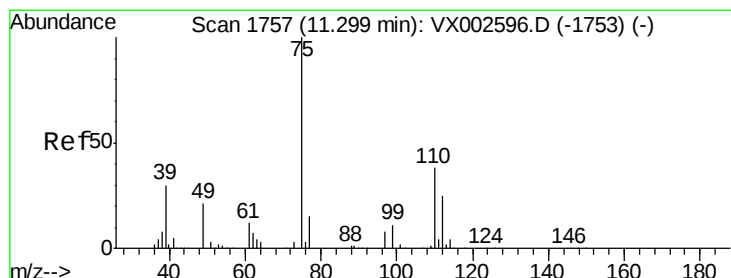
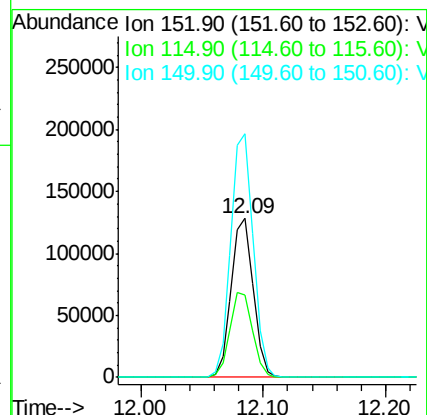
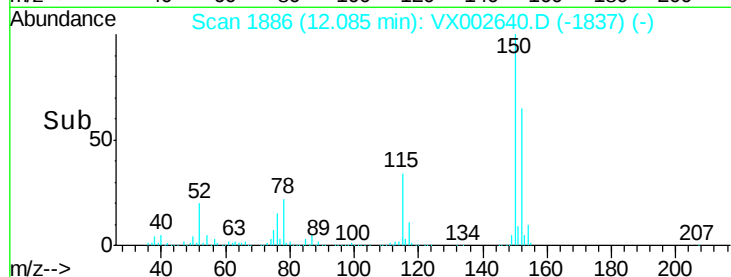
150 155.2 0.0 347.2



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: 26.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002640.D

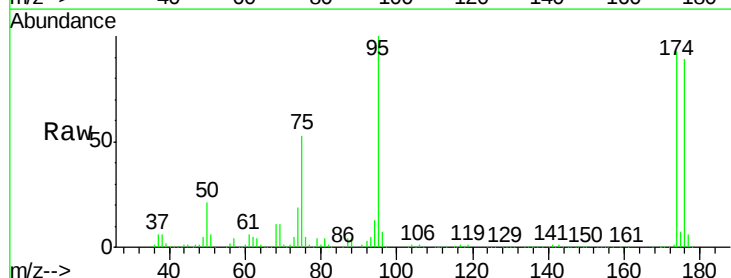
Acq: 16 Jun 2018 11:36

Tgt Ion: 75 Resp: 80431

Ion Ratio Lower Upper

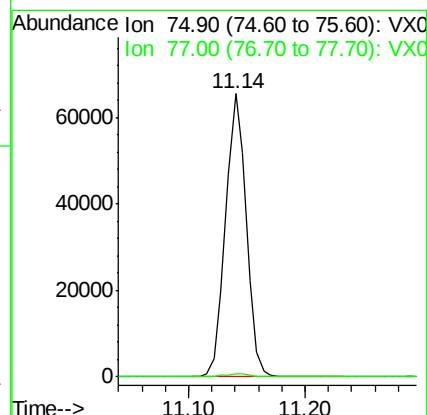
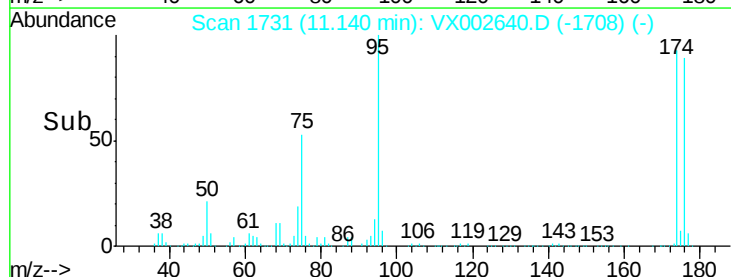
75 100

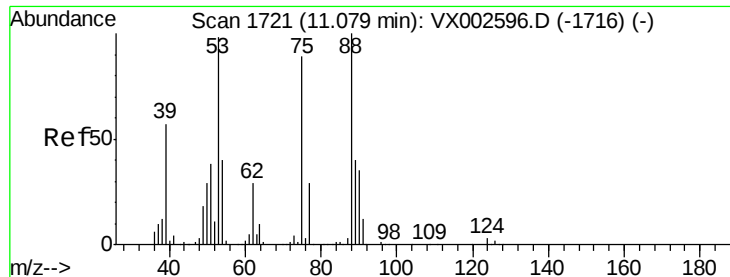
77 1.2 22.8 68.3#



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: 82.38 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

Instrument :

MSVOA\_X

ClientSampleId :

S36-0135

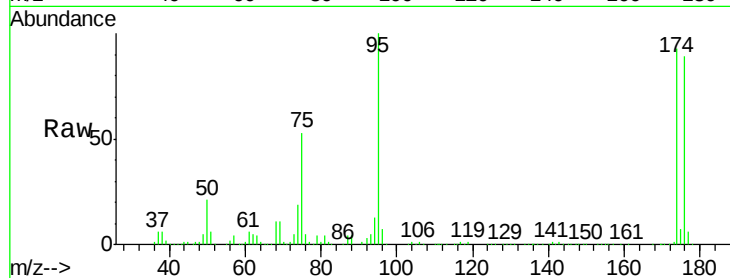
Tot Ion: 75 Resp: 80431

Ion Ratio Lower Upper

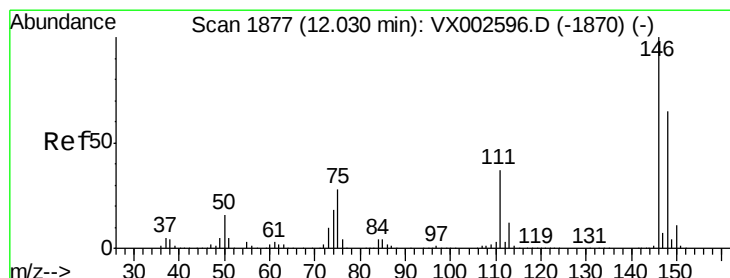
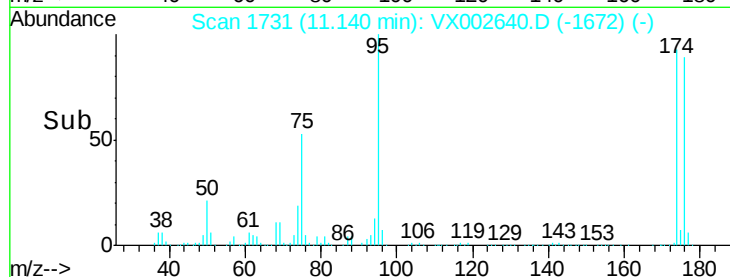
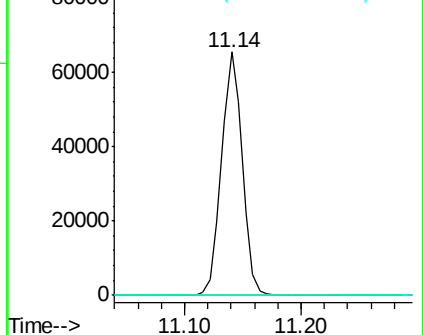
75 100

53 0.0 86.8 130.2#

89 0.0 38.2 57.2#



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



#87

1,3-Dichlorobenzene

Concen: 0.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002640.D

Acq: 16 Jun 2018 11:36

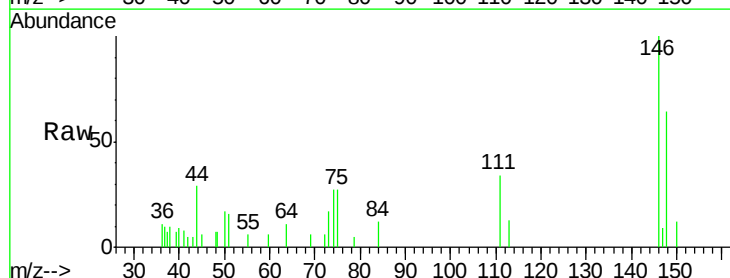
Tgt Ion: 146 Resp: 1303

Ion Ratio Lower Upper

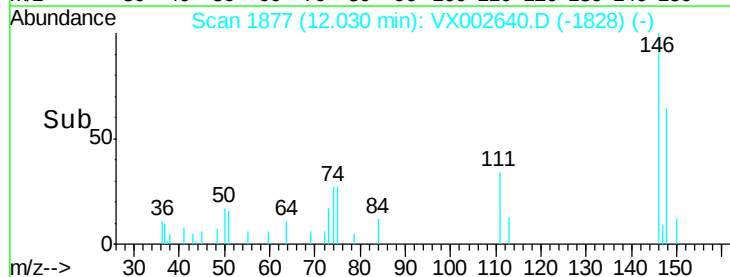
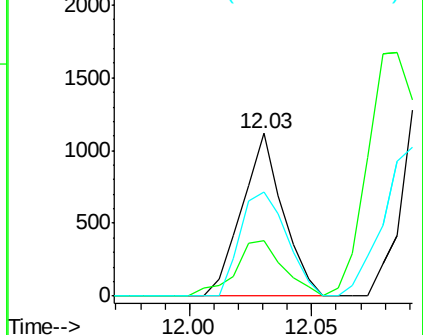
146 100

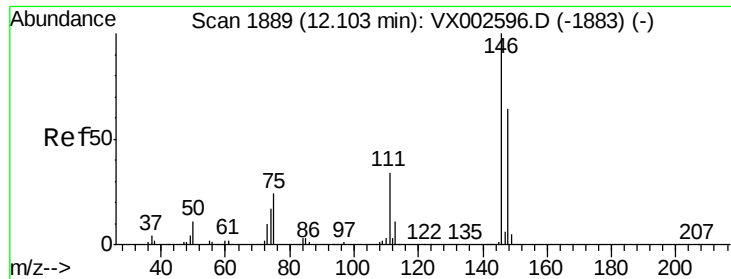
111 40.3 18.9 56.7

148 72.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V

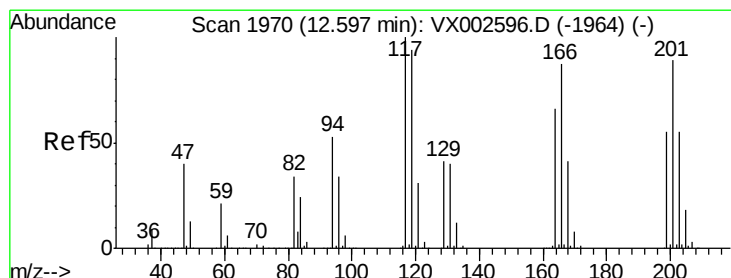
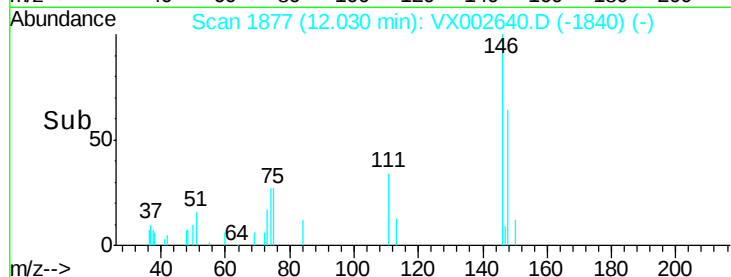
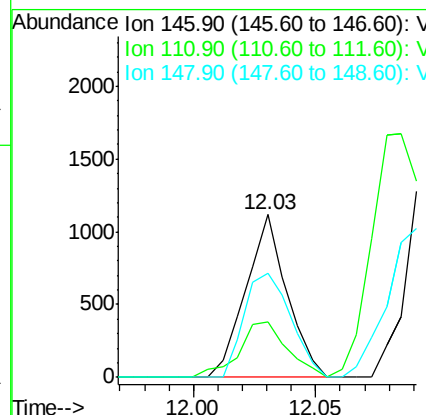
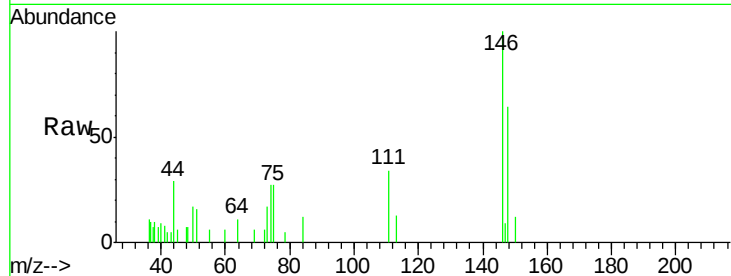




#88  
 1,4-Dichlorobenzene  
 Concen: 0.23 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.07 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

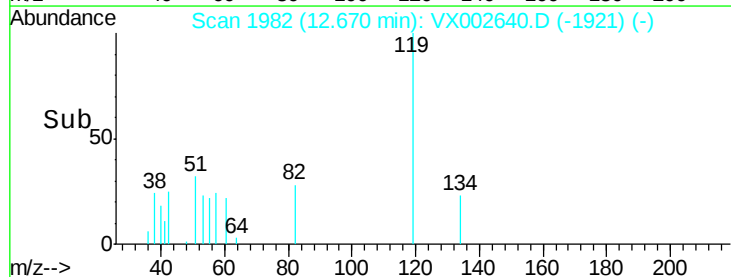
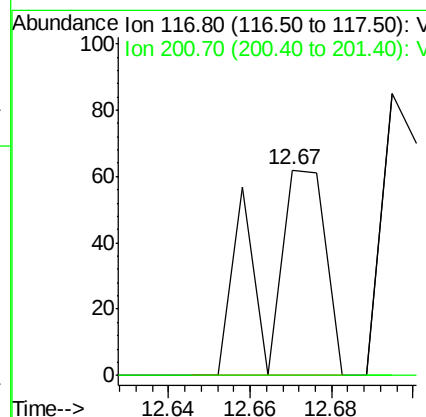
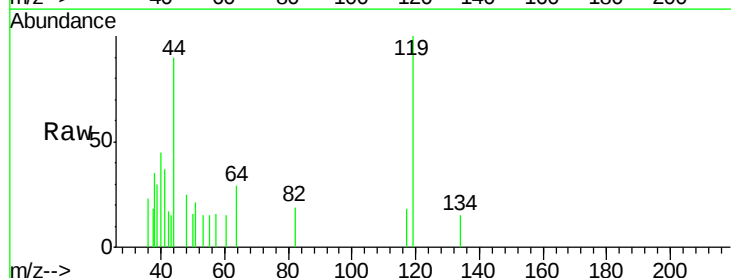
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 S36-0135

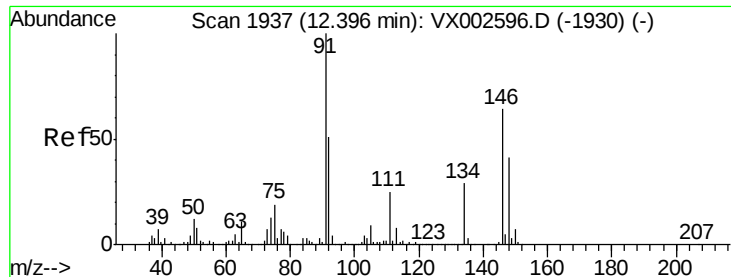
Tot Ion:146 Resp: 1303  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 18.7 56.1  
 148 72.8 32.4 97.0



#90  
 Hexachloroethane  
 Concen: 2.67 ug/l  
 RT: 12.67 min Scan# 1982  
 Delta R.T. 0.07 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

Tgt Ion:117 Resp: 66  
 Ion Ratio Lower Upper  
 117 100  
 201 0.0 49.0 147.0#

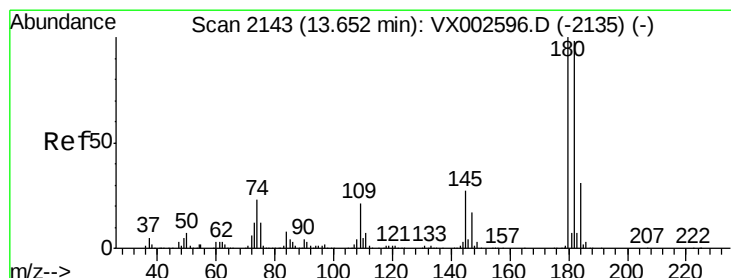
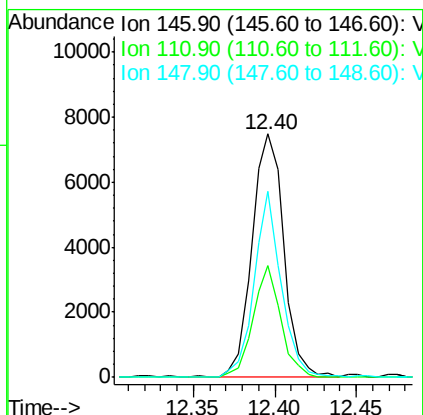
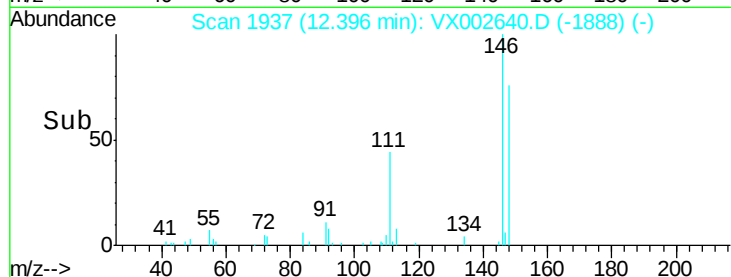
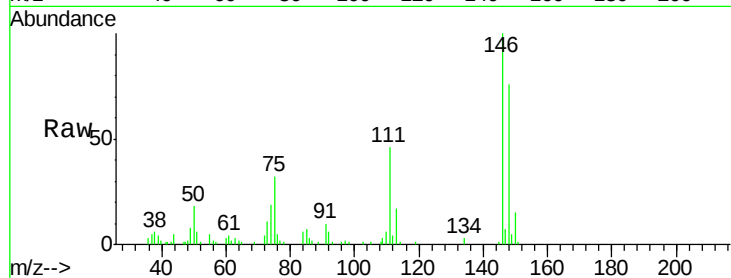




#91  
1,2-Dichlorobenzene  
Concen: 1.85 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. 0.00 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

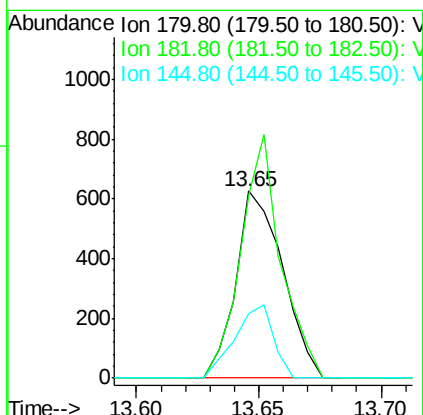
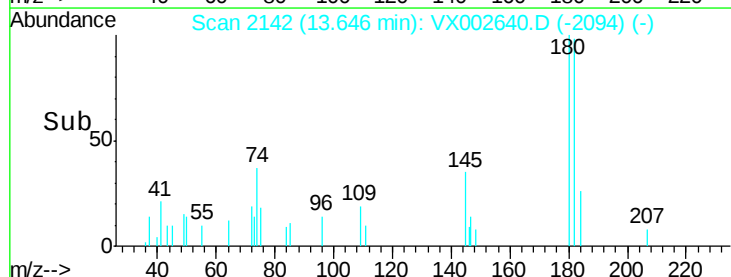
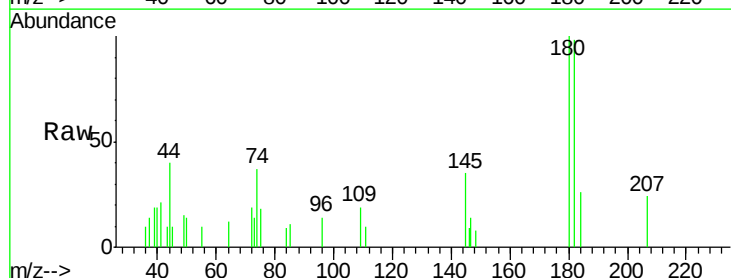
Instrument :  
MSVOA\_X  
ClientSampleId :  
S36-0135

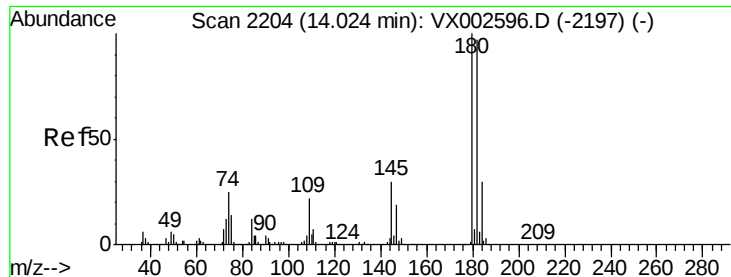
Tot Ion:146 Resp: 10152  
Ion Ratio Lower Upper  
146 100  
111 39.8 19.4 58.1  
148 65.2 31.7 95.1



#93  
1,2,4-Trichlorobenzene  
Concen: 0.21 ug/l  
RT: 13.65 min Scan# 2142  
Delta R.T. -0.01 min  
Lab File: VX002640.D  
Acq: 16 Jun 2018 11:36

Tgt Ion:180 Resp: 836  
Ion Ratio Lower Upper  
180 100  
182 110.6 47.7 143.1  
145 32.3 14.1 42.4

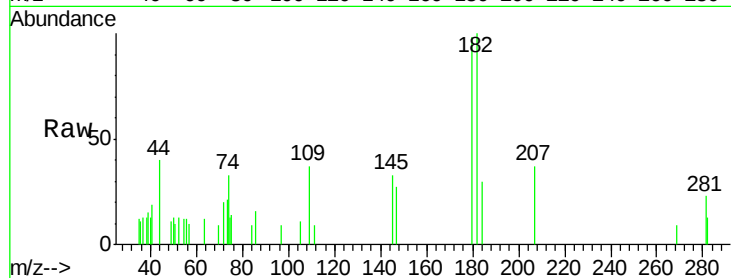




#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.20 ug/l  
 RT: 14.02 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: VX002640.D  
 Acq: 16 Jun 2018 11:36

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S36-0135

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 82.1  | 48.0  | 144.0 |
| 145     | 30.4  | 14.8  | 44.3  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

