

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\  
 Data File : VX002033.D  
 Acq On : 26 May 2018 21:39  
 Operator : JC/MD  
 Sample : J3118-16  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: May 28 00:36:45 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 24 13:09:03 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 310087   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 428824   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 377537   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 203866   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 261698   | 47.21 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.42% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 204238   | 47.63 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.26% |          |
| 50) Toluene-d8              | 8.72  | 98   | 770085   | 49.60 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.20% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 270808   | 44.58 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.16% |          |

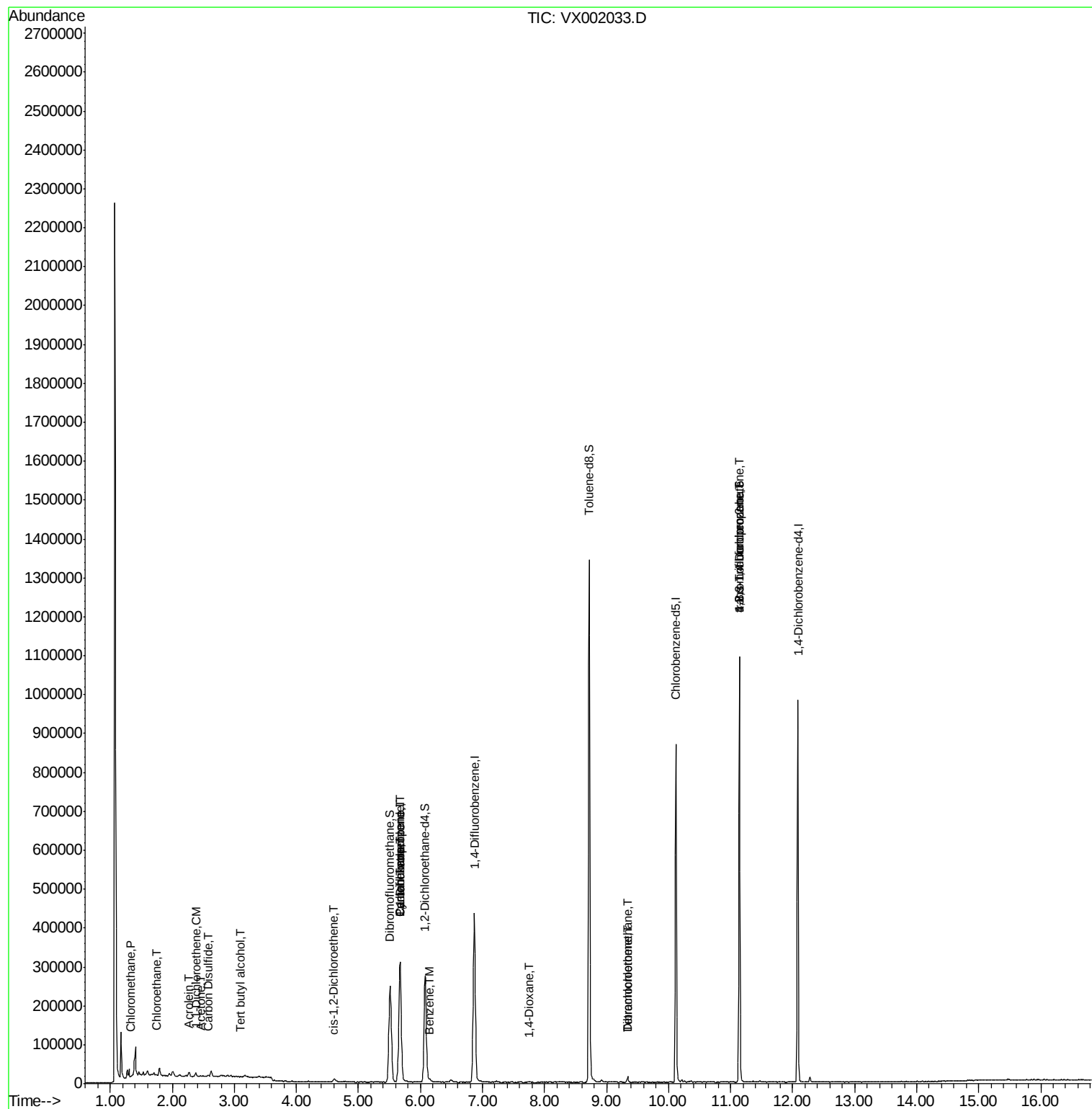
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 176      | Below Cal | #     | 41     |
| 3) Chloromethane               | 1.32  | 50   | 1187     | 0.25      | ug/l  | 98     |
| 5) Bromomethane                | 1.61  | 94   | 238      | Below Cal | #     | 43     |
| 6) Chloroethane                | 1.75  | 64   | 852      | 0.31      | ug/l  | 52     |
| 11) Tert butyl alcohol         | 3.09  | 59   | 999      | 0.92      | ug/l  | 91     |
| 12) 1,1-Dichloroethene         | 2.38  | 96   | 3580     | 0.99      | ug/l  | 86     |
| 13) Acrolein                   | 2.26  | 56   | 198      | 0.42      | ug/l  | 1      |
| 16) Acetone                    | 2.45  | 43   | 3499     | 1.64      | ug/l  | 86     |
| 17) Carbon Disulfide           | 2.57  | 76   | 4445     | 0.43      | ug/l  | 93     |
| 18) Methyl Acetate             | 2.77  | 43   | 1137     | Below Cal | #     | 76     |
| 20) Methylene Chloride         | 2.86  | 84   | 610      | Below Cal | #     | 83     |
| 21) trans-1,2-Dichloroethene   | 3.16  | 96   | 164      | Below Cal | #     | 19     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 2496     | 0.53      | ug/l  | 1      |
| 28) Bromochloromethane         | 5.02  | 49   | 24       | Below Cal | #     | 14     |
| 31) Cyclohexane                | 5.67  | 56   | 6093     | 0.80      | ug/l  | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 21709    | 3.64      | ug/l  | 52     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 28274    | 4.06      | ug/l  | 14     |
| 40) Benzene                    | 6.15  | 78   | 8022     | 0.46      | ug/l  | 83     |
| 41) Methacrylonitrile          | 5.07  | 41   | 110      | Below Cal | #     | 25     |
| 49) 1,4-Dioxane                | 7.76  | 88   | 401      | 3.45      | ug/l  | 89     |
| 60) Dibromochloromethane       | 9.34  | 129  | 2776     | 0.50      | ug/l  | 11     |
| 64) Tetrachloroethene          | 9.34  | 164  | 2958     | 0.55      | ug/l  | 90     |
| 74) N-amyl acetate             | 6.49  | 43   | 143      | Below Cal | #     | 59     |
| 75) 1,1,2,2-Tetrachloroethane  | 11.31 | 83   | 72       | Below Cal | #     | 1      |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 142115   | 29.02     | ug/l  | 33     |
| 79) 2-Chlorotoluene            | 11.44 | 91   | 256      | Below Cal | #     | 40     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 142115   | 69.75     | ug/l  | 10     |

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

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Quant Time: May 28 00:36:45 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X052418W.M  
Quant Title : SW846 8260  
QLast Update : Thu May 24 13:09:03 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: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

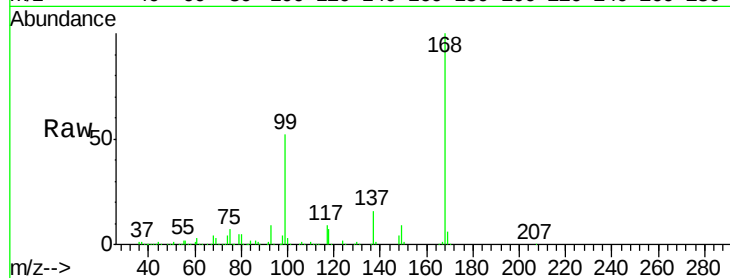
ClientSampleId :

Tot Ion:168 Resp: 310087

Ion Ratio Lower Upper

168 100

99 51.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

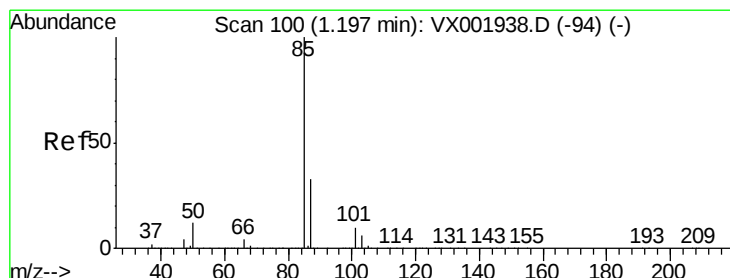
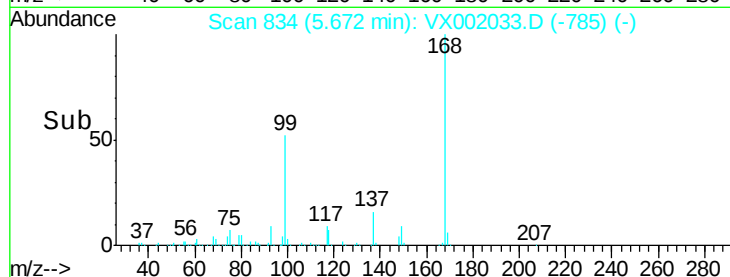
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002033.D

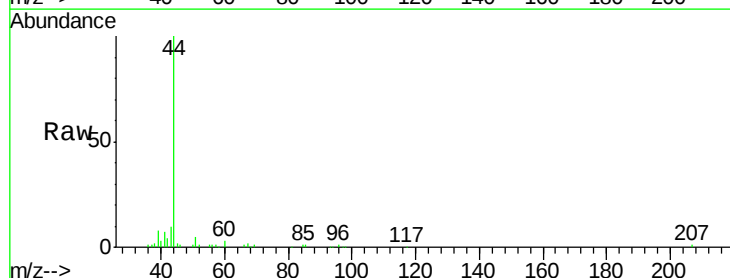
Acq: 26 May 2018 21:39

Tgt Ion: 85 Resp: 176

Ion Ratio Lower Upper

85 100

87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200

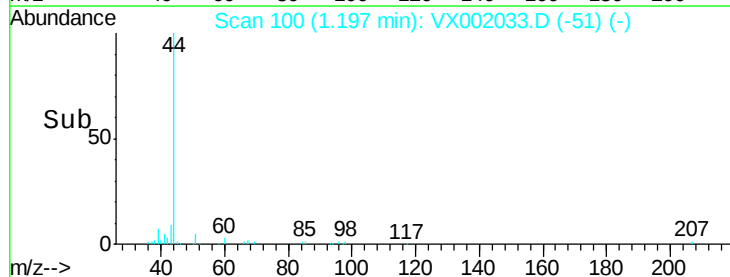
150

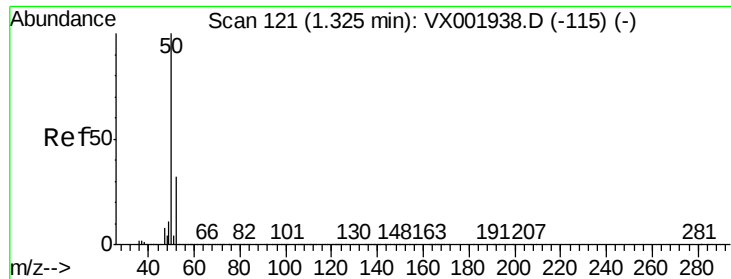
100

50

0

Time--> 1.16 1.18 1.20 1.22

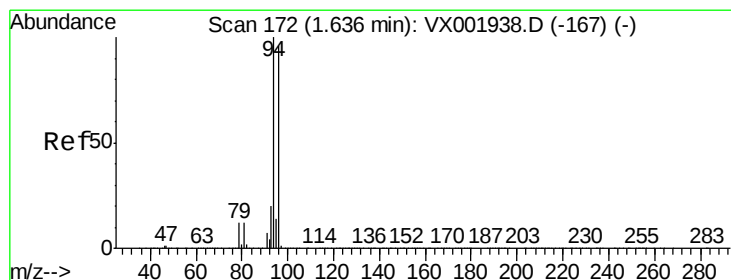
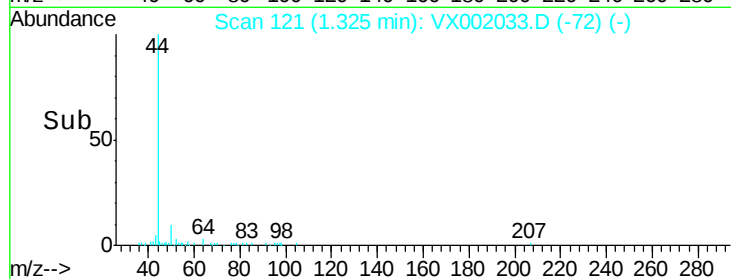
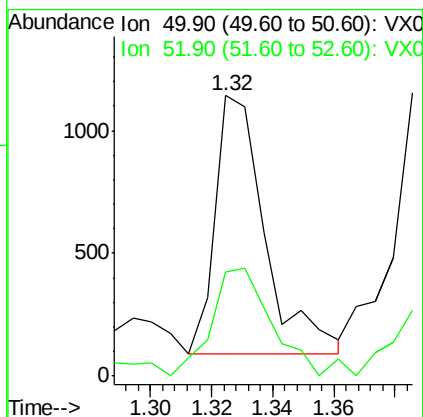
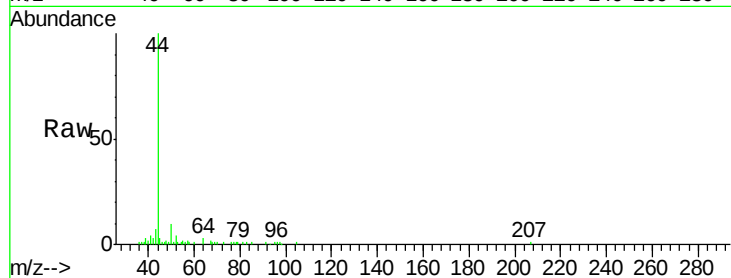




#3  
Chloromethane  
Concen: 0.25 ug/l  
RT: 1.32 min Scan# 121  
Delta R.T. -0.00 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

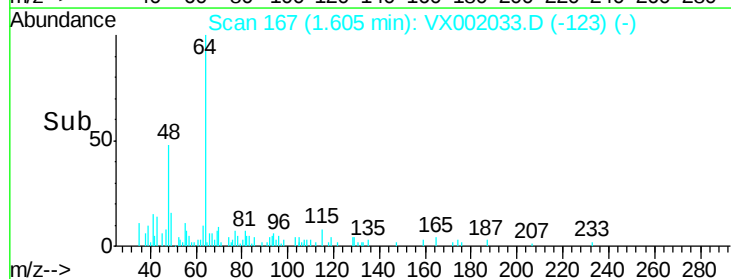
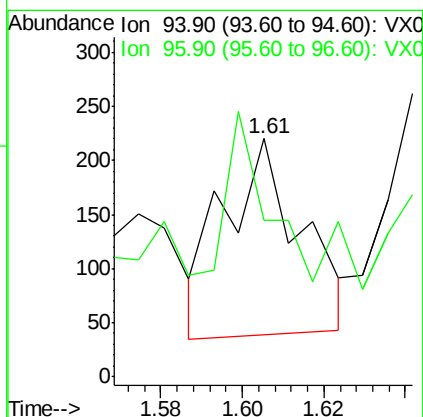
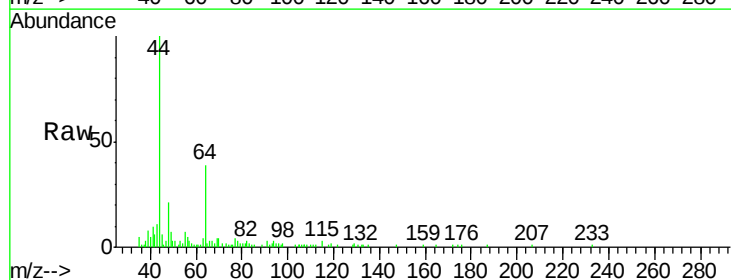
Instrument :  
MSVOA\_X  
ClientSampled :

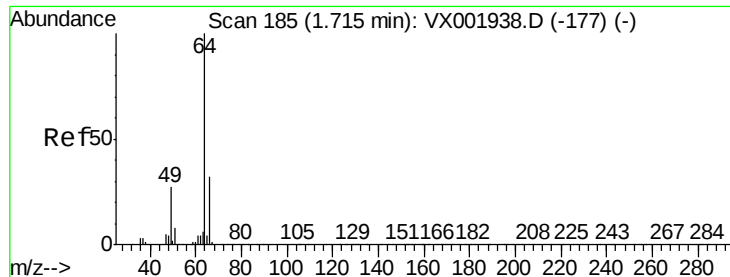
Tot Ion: 50 Resp: 1187  
Ion Ratio Lower Upper  
50 100  
52 33.8 26.0 39.0



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.61 min Scan# 167  
Delta R.T. -0.03 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

Tgt Ion: 94 Resp: 238  
Ion Ratio Lower Upper  
94 100  
96 39.2 75.9 113.9#

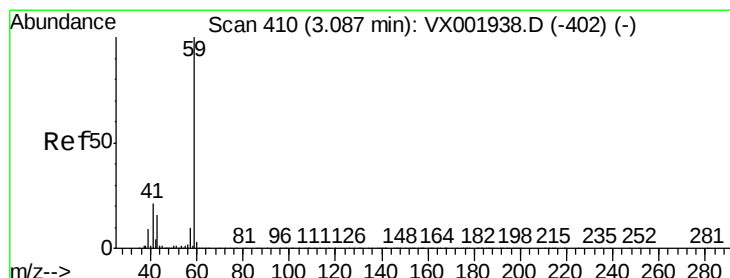
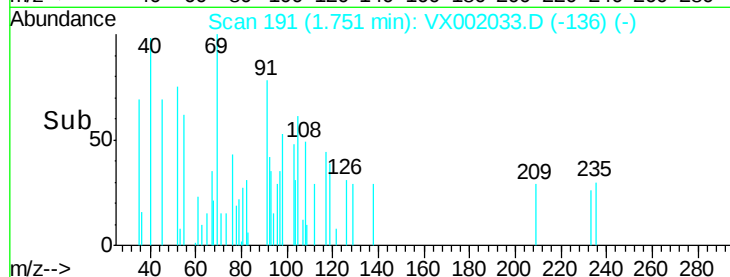
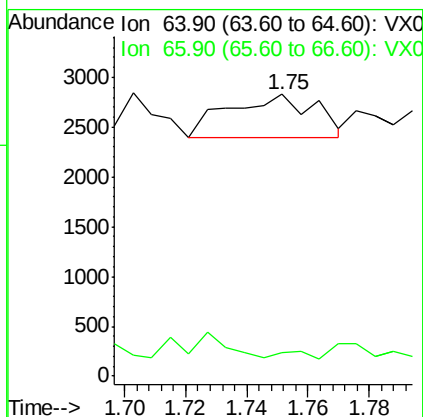
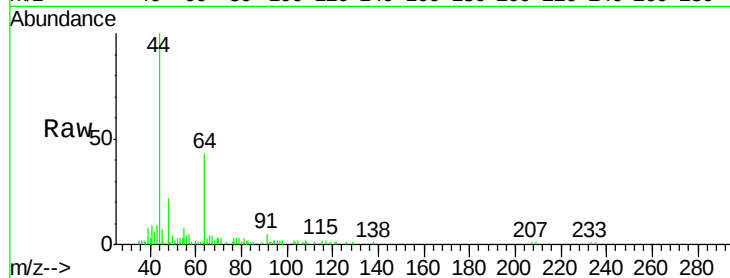




#6  
Chloroethane  
Concen: 0.31 ug/l  
RT: 1.75 min Scan# 191  
Delta R.T. 0.04 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

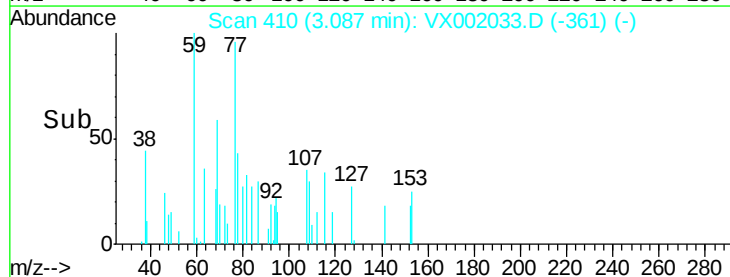
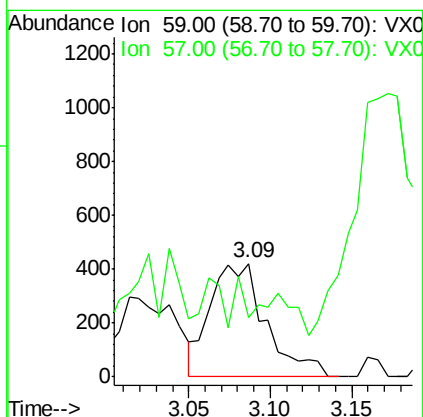
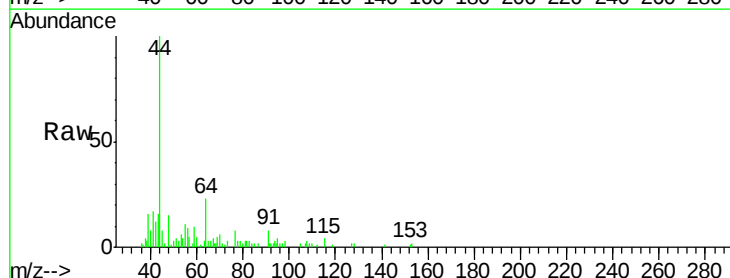
Instrument :  
MSVOA\_X  
ClientSampleId :

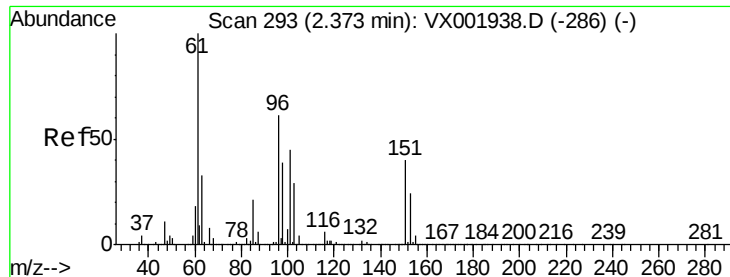
Tot Ion: 64 Resp: 852  
Ion Ratio Lower Upper  
64 100  
66 5.3 25.6 38.4#



#11  
Tert butyl alcohol  
Concen: 0.92 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. -0.00 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

Tgt Ion: 59 Resp: 999  
Ion Ratio Lower Upper  
59 100  
57 14.4 8.9 13.3#





#12

1,1-Dichloroethene

Concen: 0.99 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampleId :

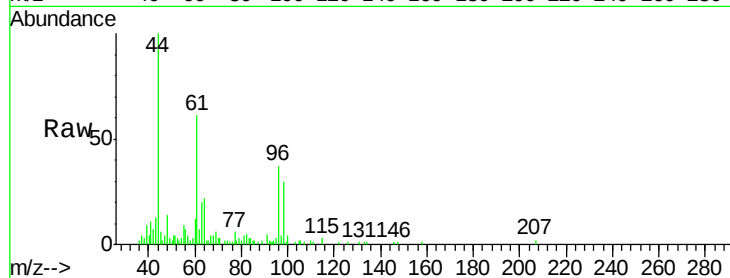
Tot Ion: 96 Resp: 3580

Ion Ratio Lower Upper

96 100

61 177.1 131.7 197.5

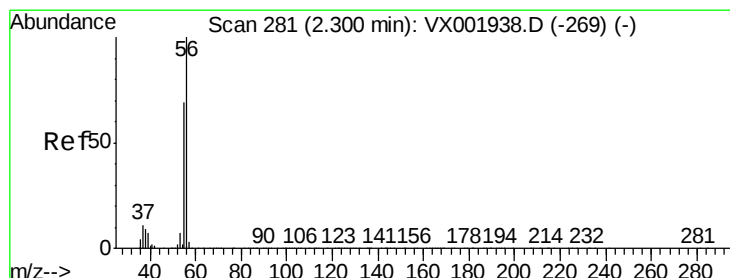
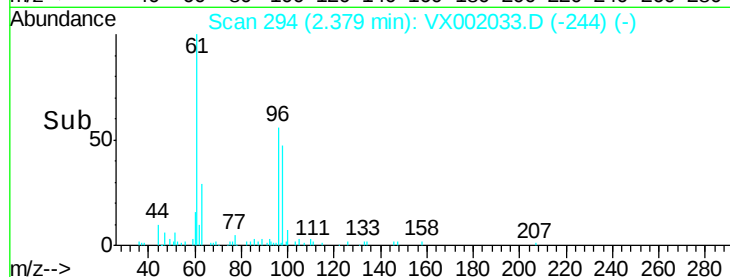
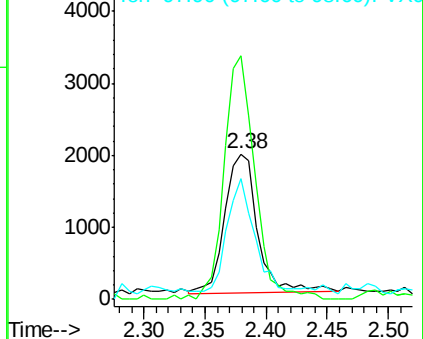
98 83.5 51.6 77.4#



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



#13

Acrolein

Concen: 0.42 ug/l

RT: 2.26 min Scan# 275

Delta R.T. -0.04 min

Lab File: VX002033.D

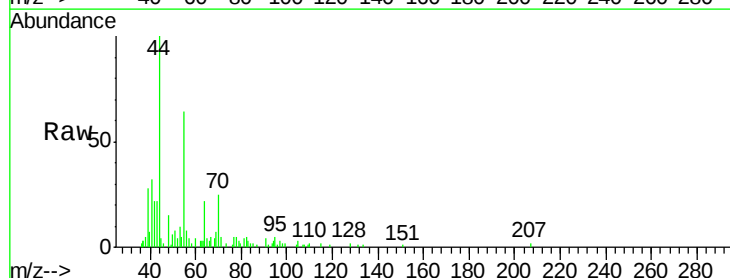
Acq: 26 May 2018 21:39

Tgt Ion: 56 Resp: 198

Ion Ratio Lower Upper

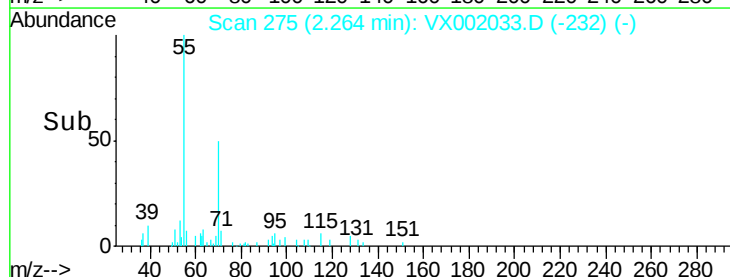
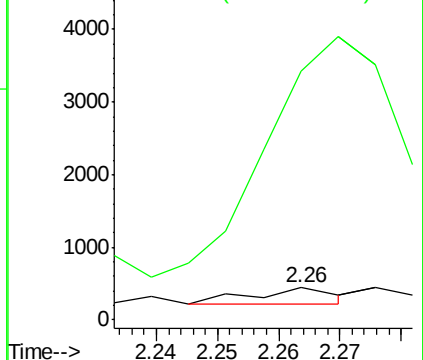
56 100

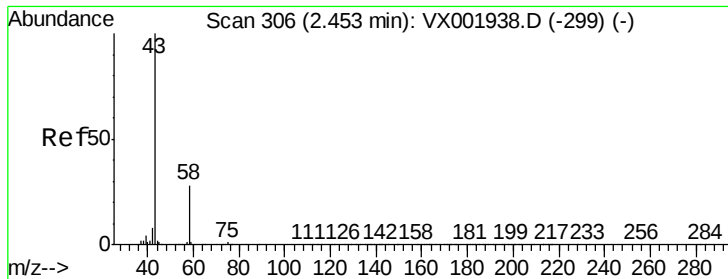
55 3111.6 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.64 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

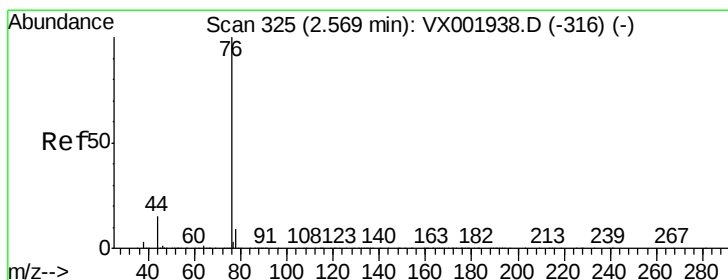
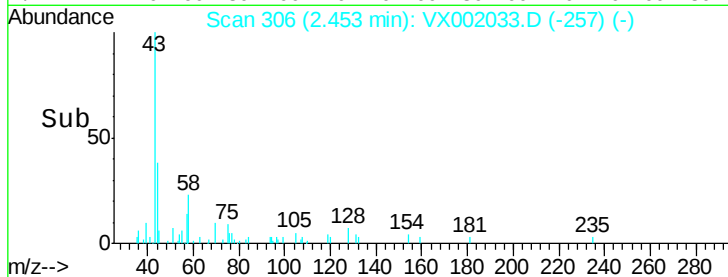
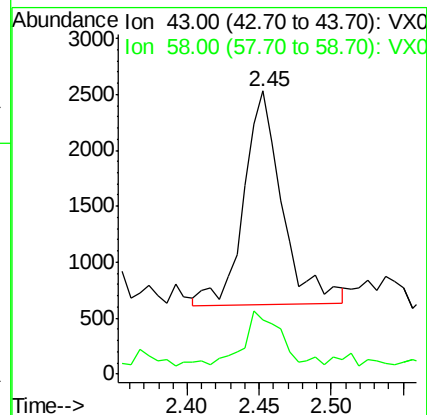
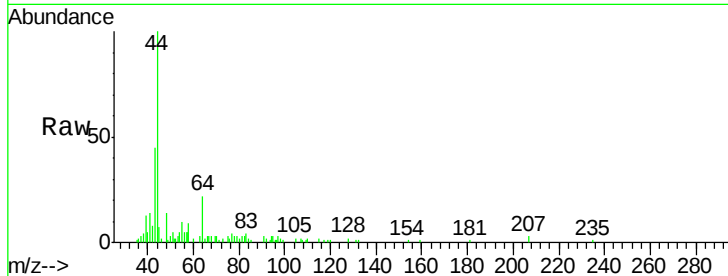
ClientSampleId :

Tot Ion: 43 Resp: 3499

Ion Ratio Lower Upper

43 100

58 20.6 22.3 33.5#



#17

Carbon Disulfide

Concen: 0.43 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002033.D

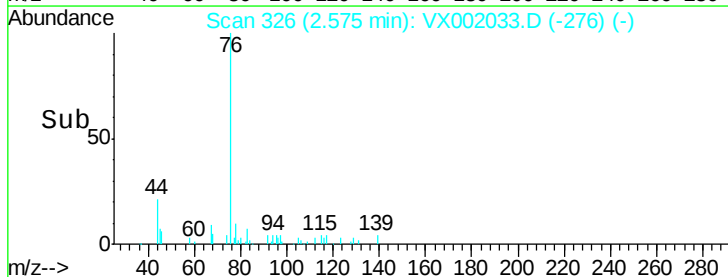
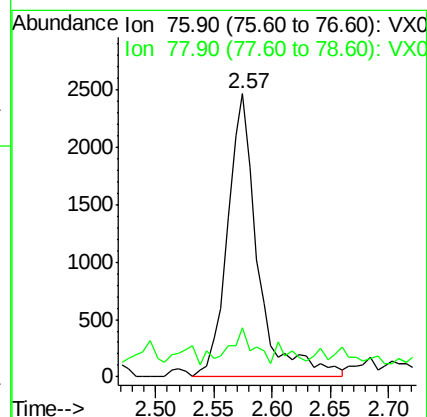
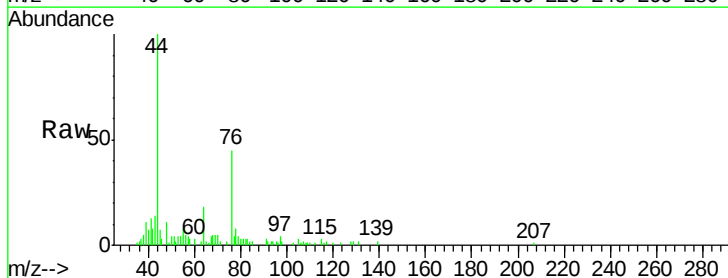
Acq: 26 May 2018 21:39

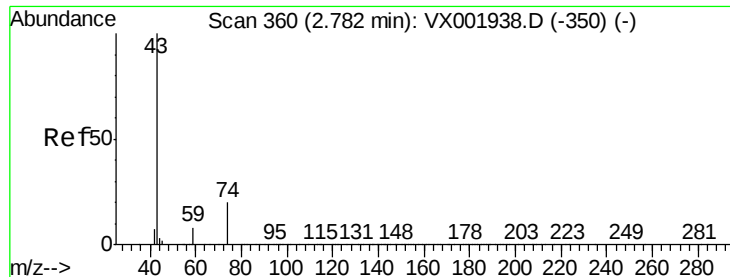
Tgt Ion: 76 Resp: 4445

Ion Ratio Lower Upper

76 100

78 6.7 7.4 11.2#

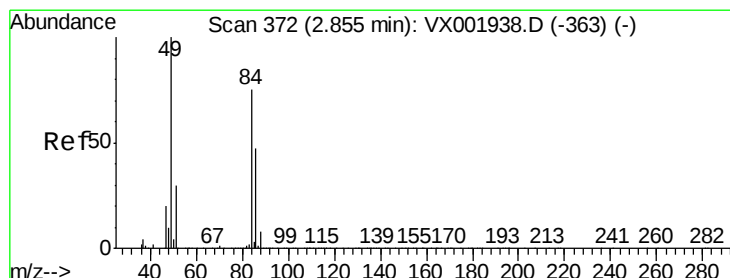
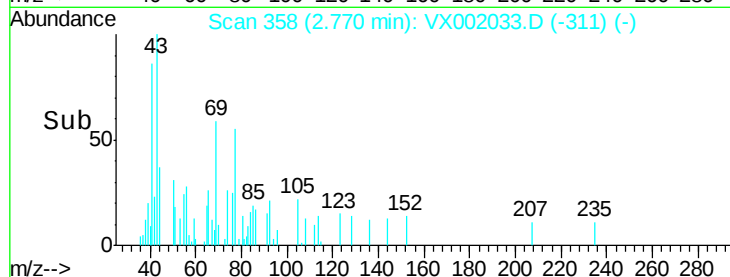
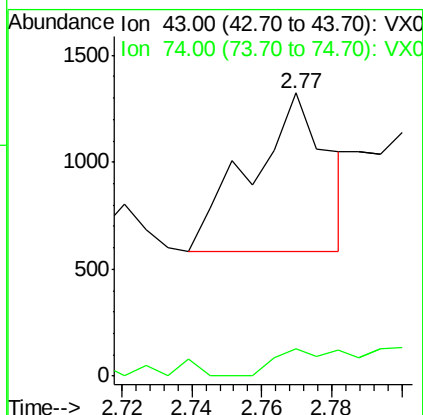
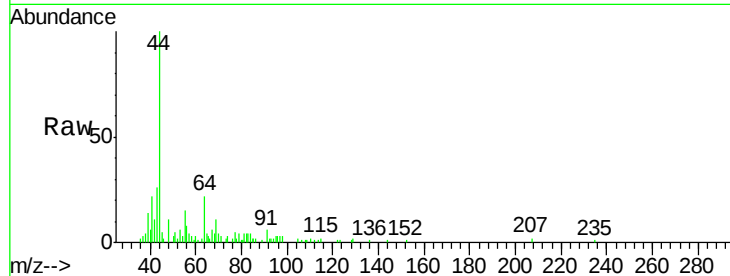




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.77 min Scan# 358  
Delta R.T. -0.01 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

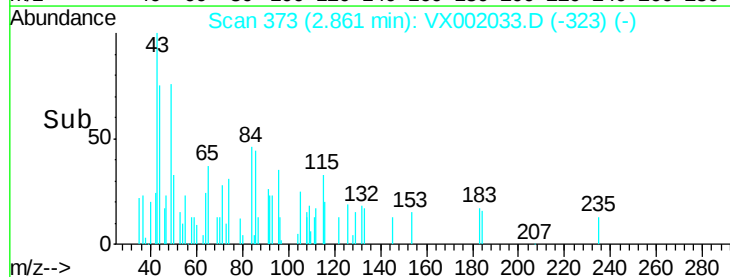
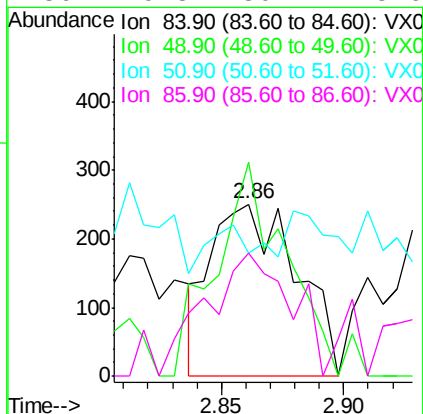
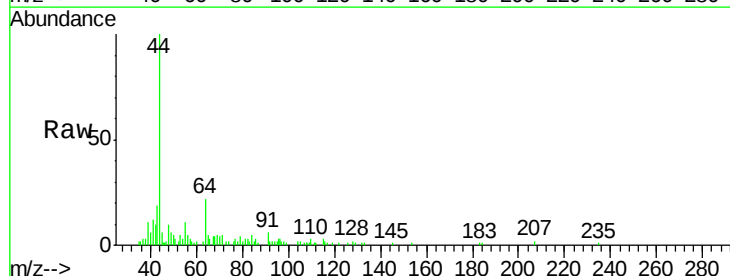
Instrument :  
MSVOA\_X  
ClientSampled :

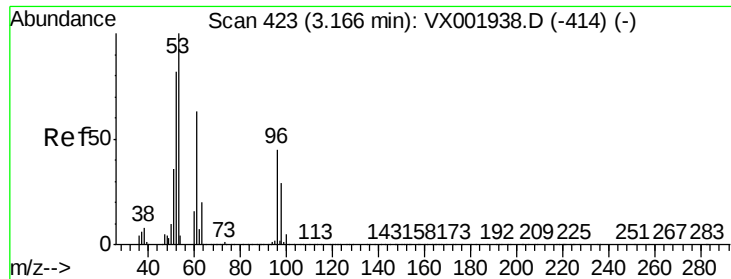
Tot Ion: 43 Resp: 1137  
Ion Ratio Lower Upper  
43 100  
74 9.9 16.8 25.2#



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

Tgt Ion: 84 Resp: 610  
Ion Ratio Lower Upper  
84 100  
49 123.9 107.2 160.8  
51 12.0 32.4 48.6#  
86 49.8 50.4 75.6#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampled :

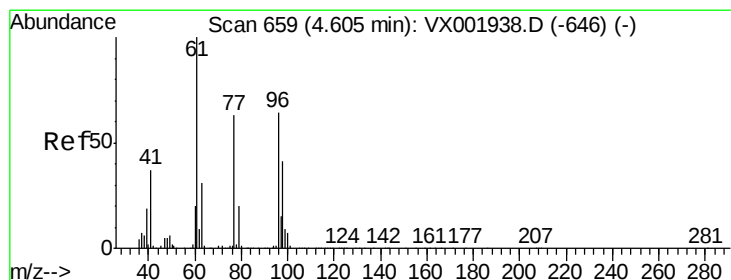
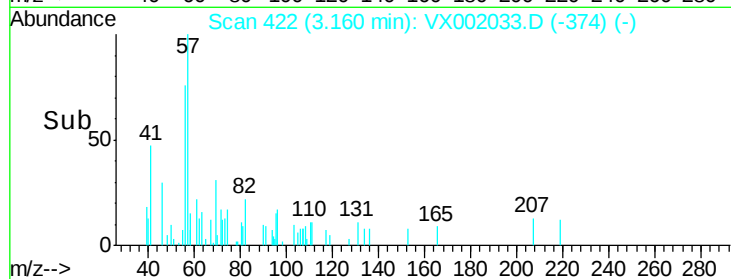
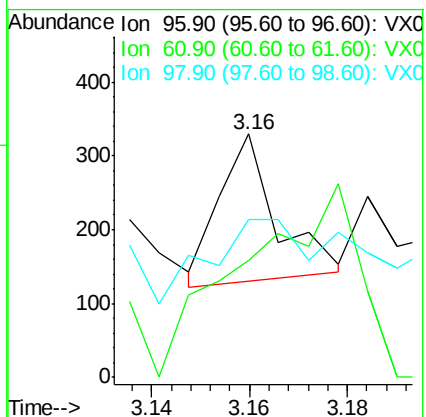
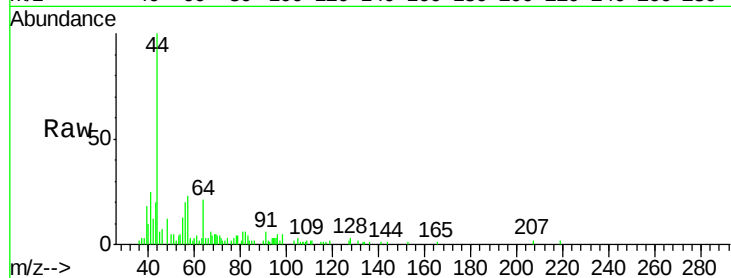
Tot Ion: 96 Resp: 164

Ion Ratio Lower Upper

96 100

61 24.5 113.3 169.9#

98 26.1 51.7 77.5#



#27

cis-1,2-Dichloroethene

Concen: 0.53 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

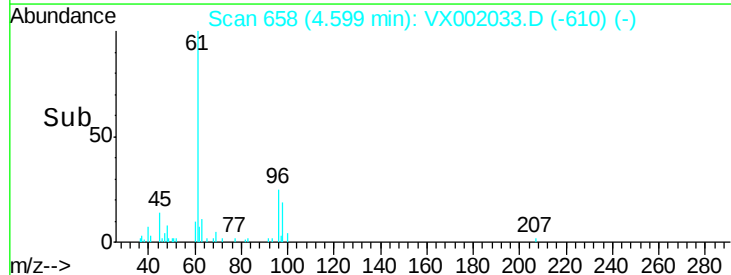
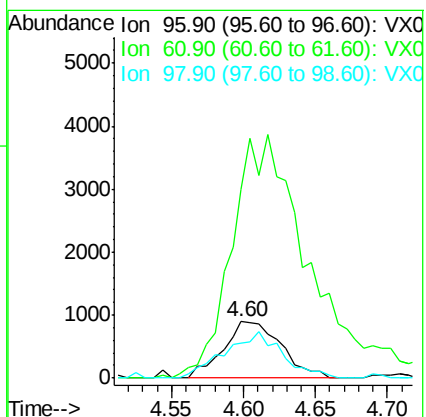
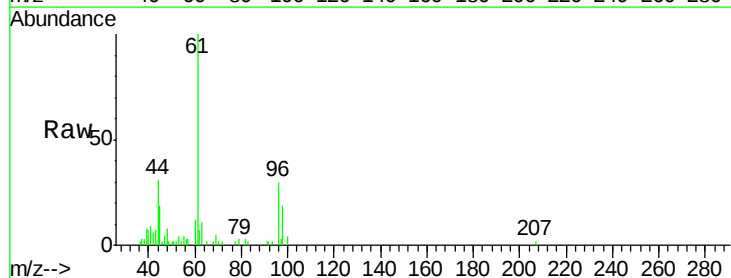
Tgt Ion: 96 Resp: 2496

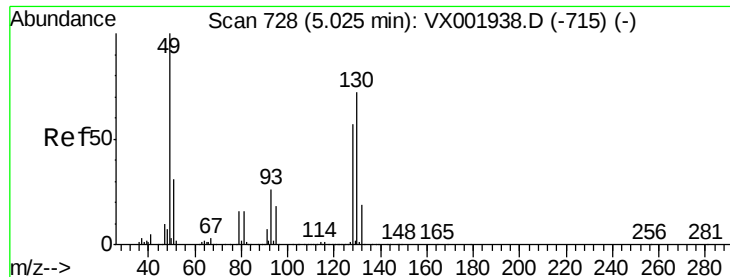
Ion Ratio Lower Upper

96 100

61 601.5 0.0 348.4#

98 81.7 0.0 128.6





#28

Bromochloromethane

Concen: Below Cal

RT: 5.02 min Scan# 727

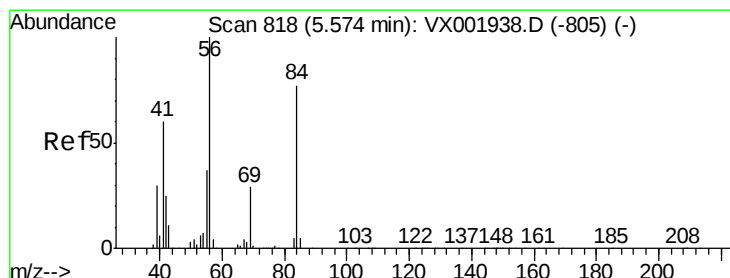
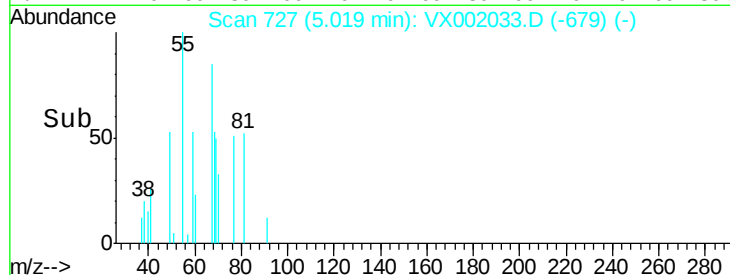
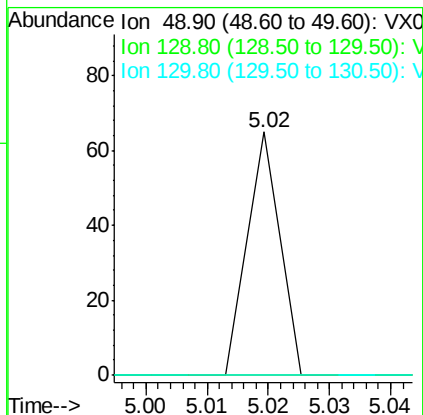
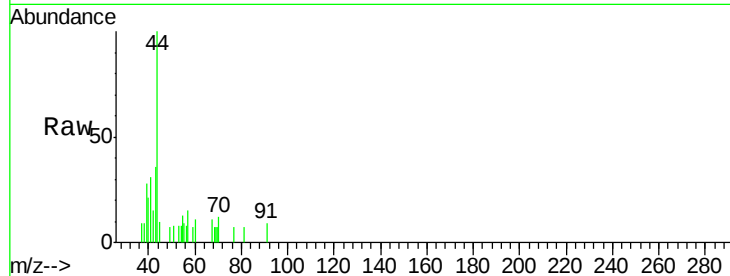
Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 49    | Resp: | 24    |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 0.0   | 59.4  | 89.2# |



#31

Cyclohexane

Concen: 0.80 ug/l

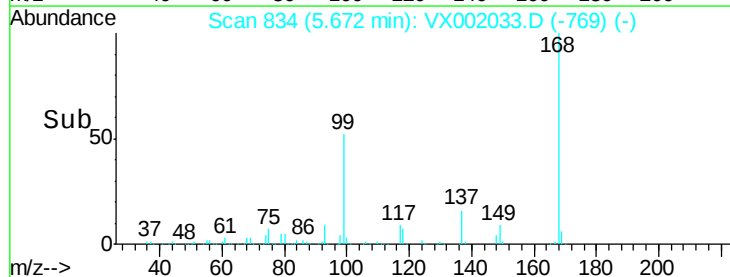
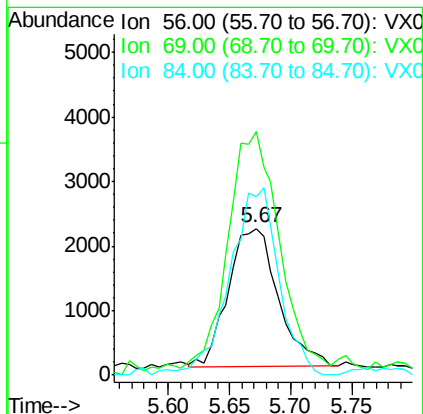
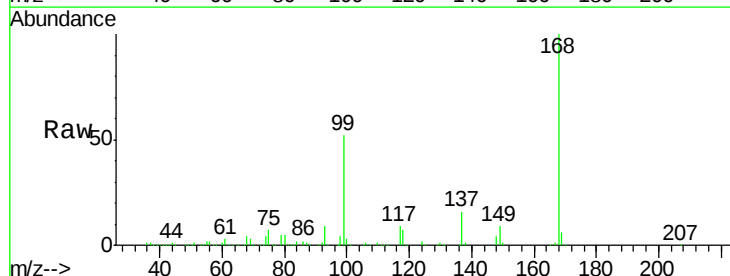
RT: 5.67 min Scan# 834

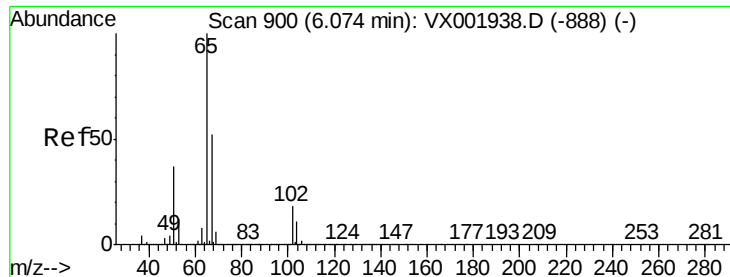
Delta R.T. 0.10 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 6093  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 167.8 | 23.1  | 34.7# |
| 84       | 130.0 | 62.0  | 93.0# |

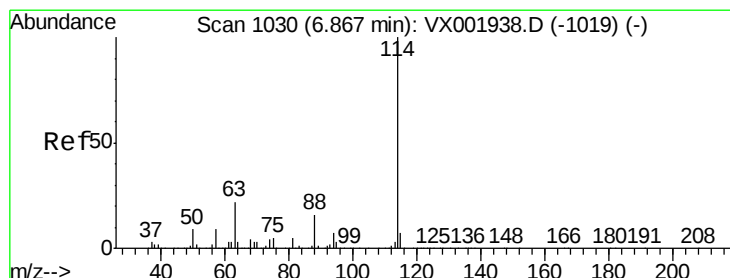
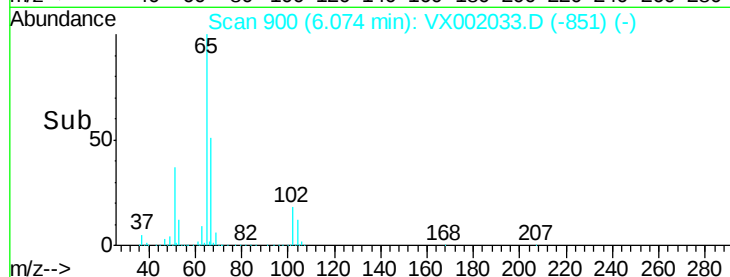
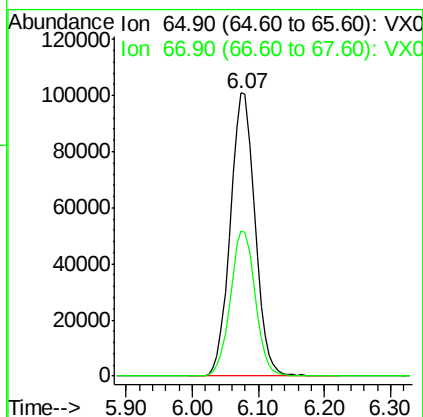
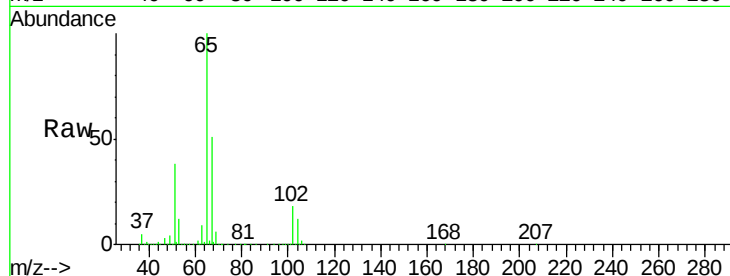




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.21 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.00 min  
 Lab File: VX002033.D  
 Acq: 26 May 2018 21:39

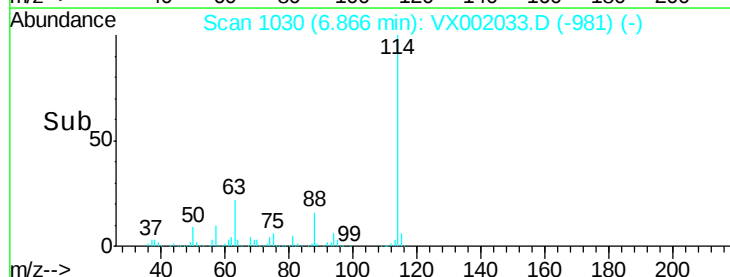
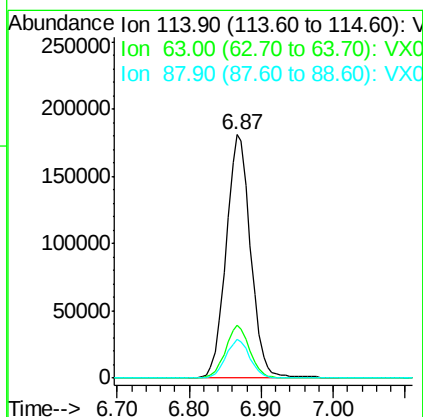
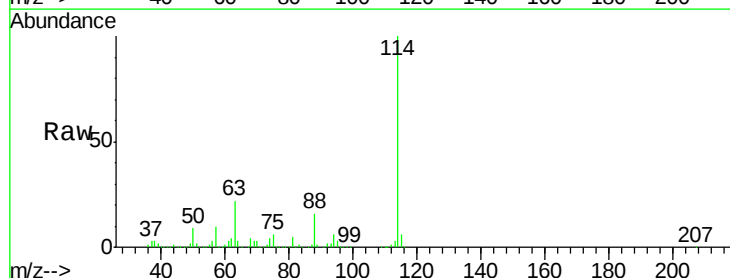
Instrument :  
 MSVOA\_X  
 ClientSampleId :

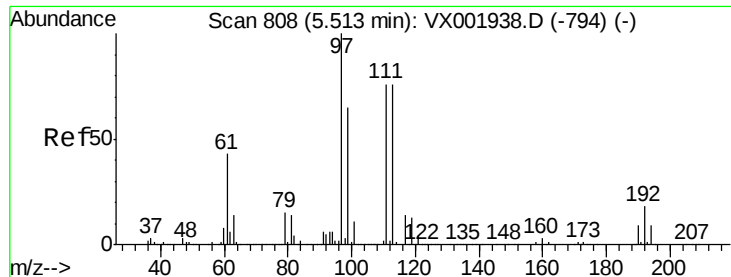
Tot Ion: 65 Resp: 261698  
 Ion Ratio Lower Upper  
 65 100  
 67 51.6 0.0 104.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002033.D  
 Acq: 26 May 2018 21:39

Tgt Ion: 114 Resp: 428824  
 Ion Ratio Lower Upper  
 114 100  
 63 22.0 0.0 43.2  
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampleId :

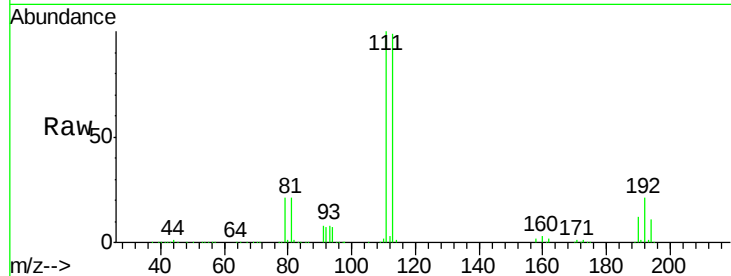
Tot Ion:113 Resp: 204238

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

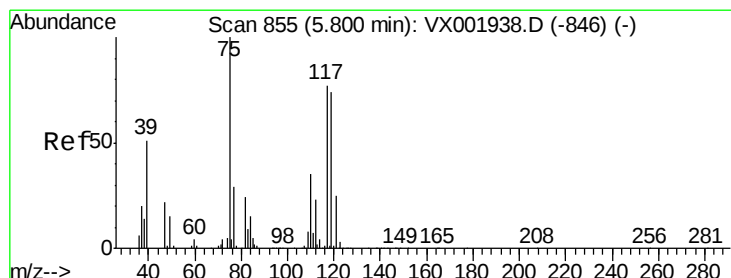
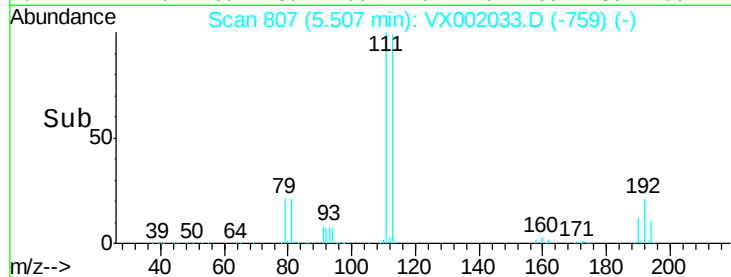
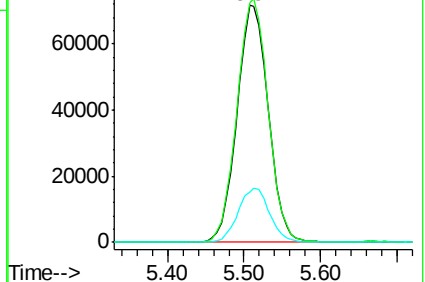
192 23.0 18.9 28.3



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: 3.64 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

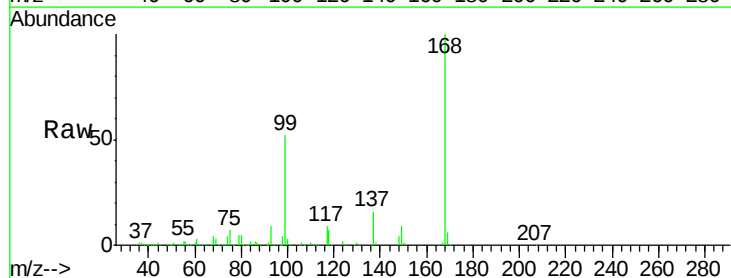
Tgt Ion: 75 Resp: 21709

Ion Ratio Lower Upper

75 100

110 10.2 17.4 52.2#

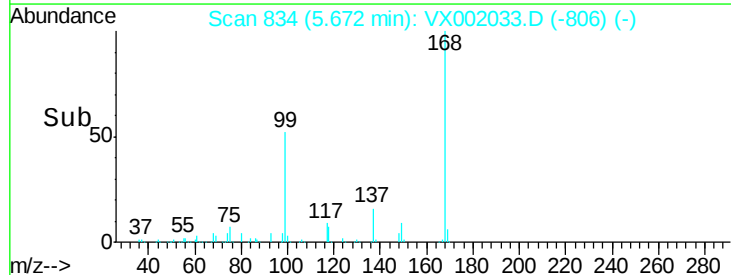
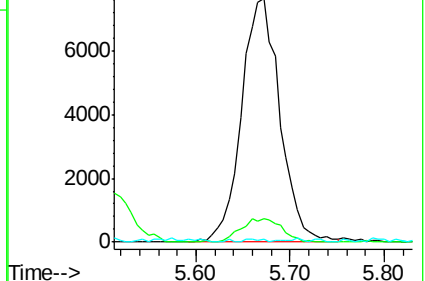
77 0.5 24.4 36.6#

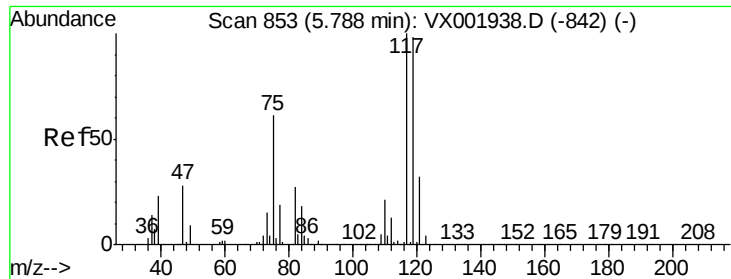


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 4.06 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampleId :

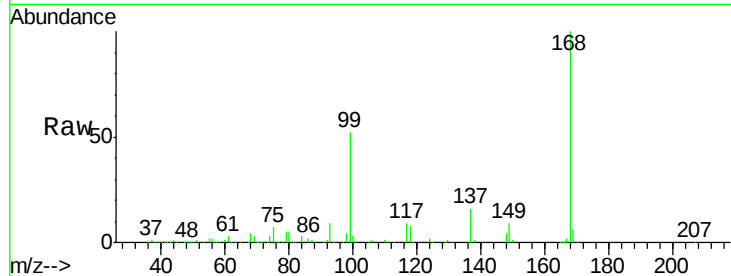
Tot Ion:117 Resp: 28274

Ion Ratio Lower Upper

117 100

119 3.4 78.5 117.7#

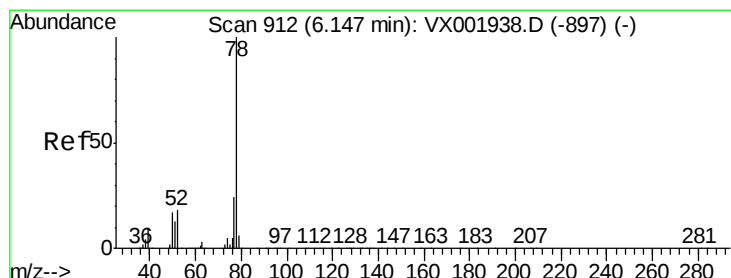
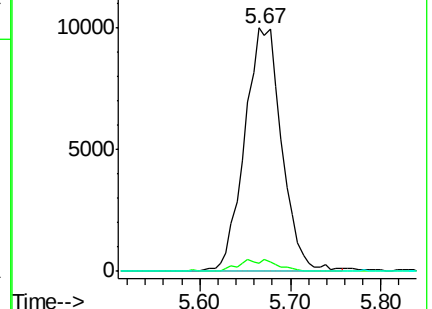
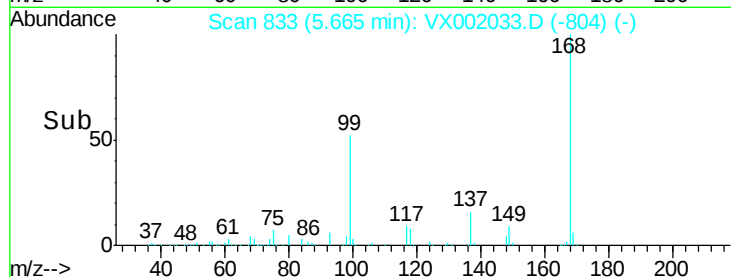
121 0.0 25.5 38.3#



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



#40

Benzene

Concen: 0.46 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX002033.D

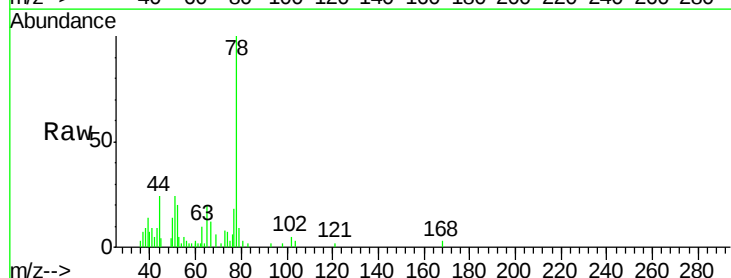
Acq: 26 May 2018 21:39

Tgt Ion: 78 Resp: 8022

Ion Ratio Lower Upper

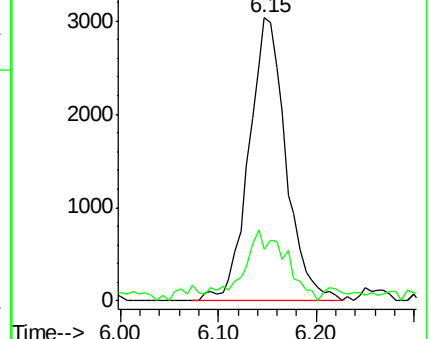
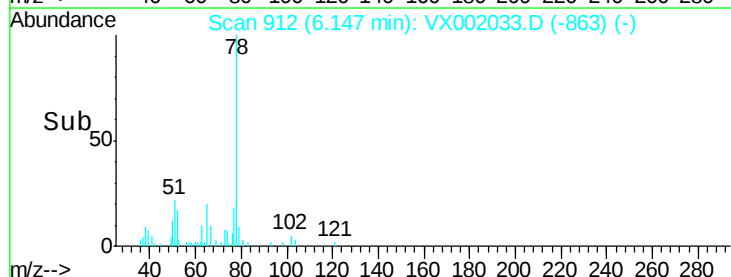
78 100

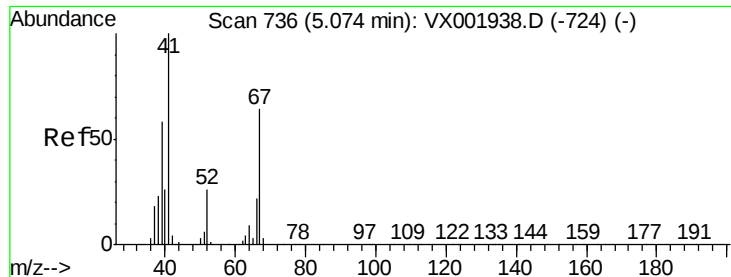
77 15.4 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: Below Cal

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX002033.D

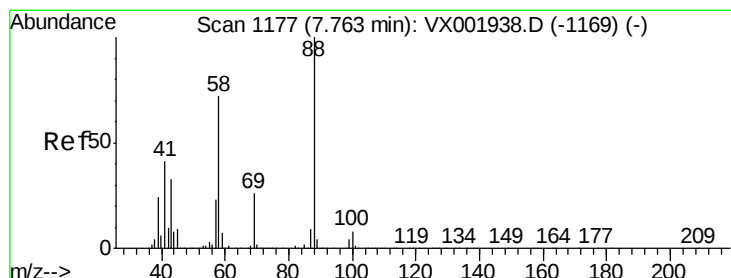
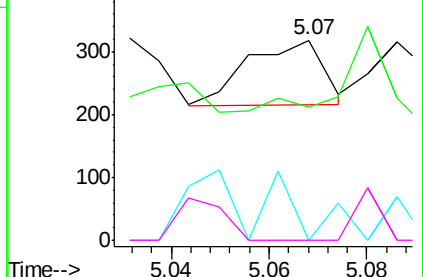
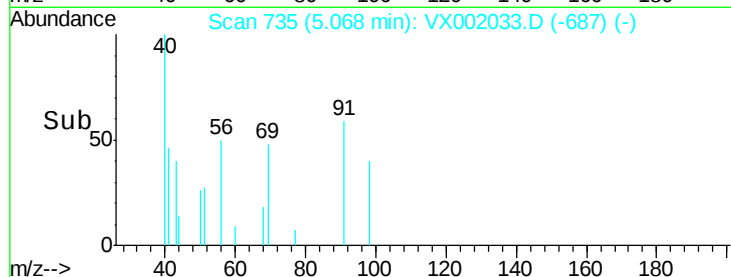
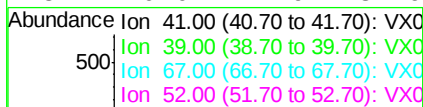
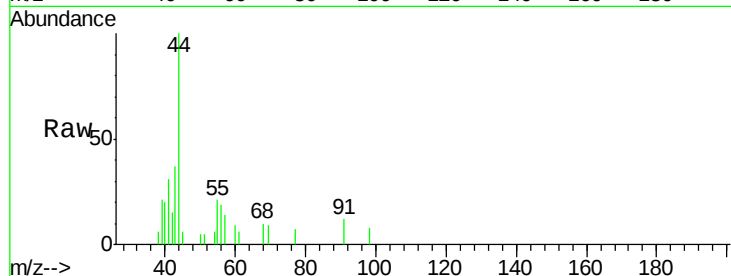
Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 110   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 46.0  | 69.0# |
| 67       | 0.0   | 50.6  | 75.8# |
| 52       | 0.0   | 21.9  | 32.9# |



#49

1,4-Dioxane

Concen: 3.45 ug/l

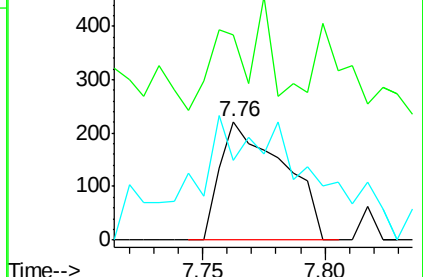
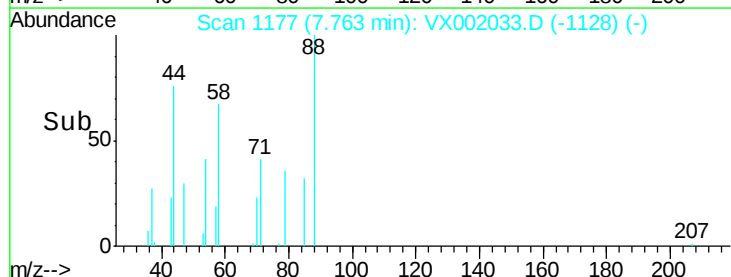
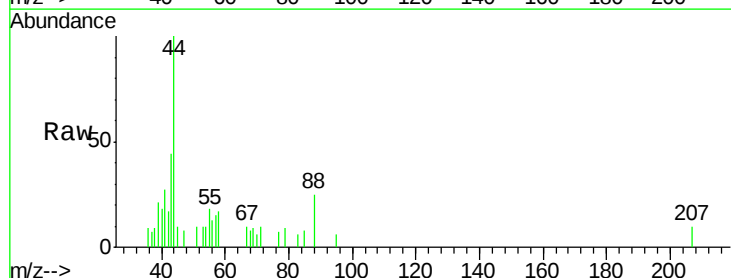
RT: 7.76 min Scan# 1177

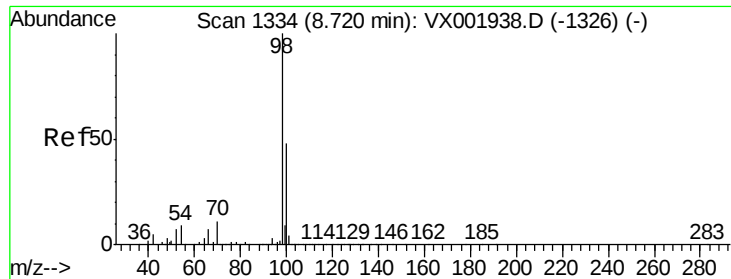
Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 401   |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 43.9  | 29.8  | 44.8  |
| 58       | 82.5  | 58.7  | 88.1  |

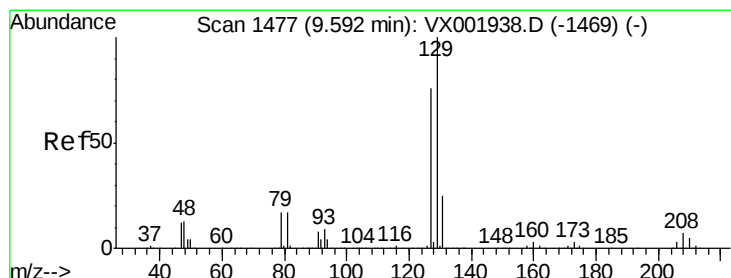
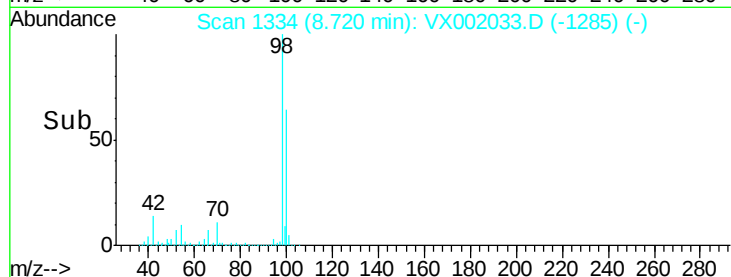
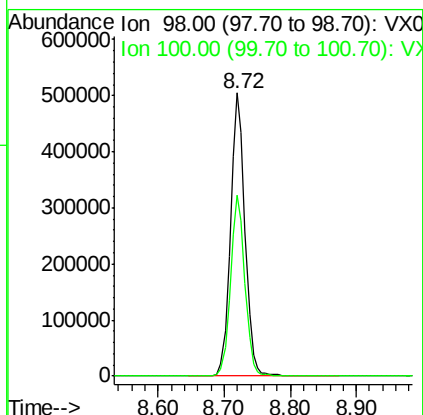
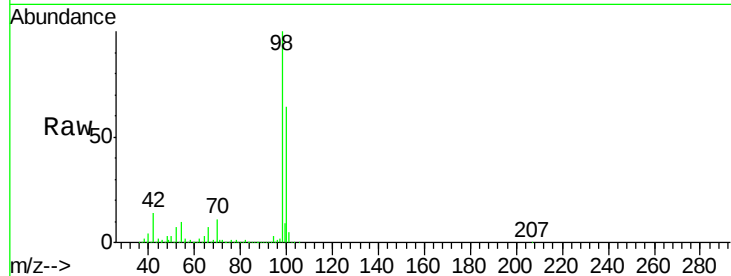




#50  
Toluene-d8  
Concen: 49.60 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

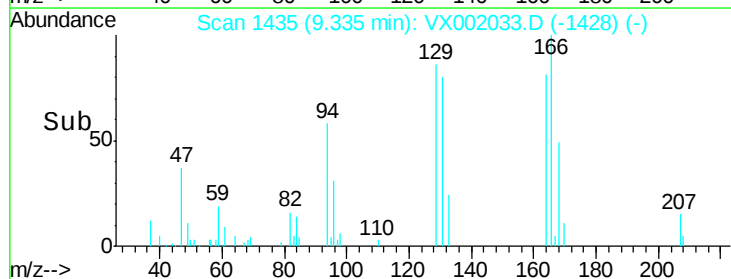
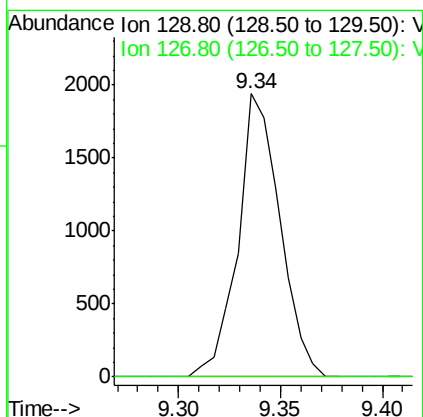
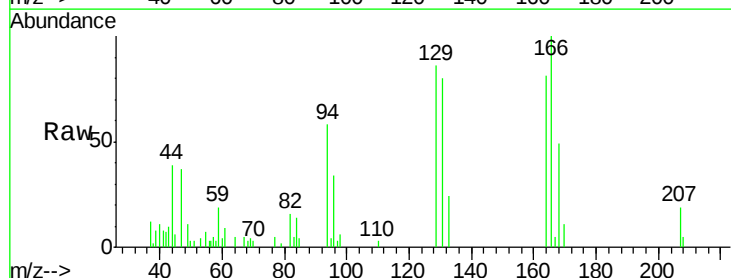
Instrument :  
MSVOA\_X  
ClientSampled :

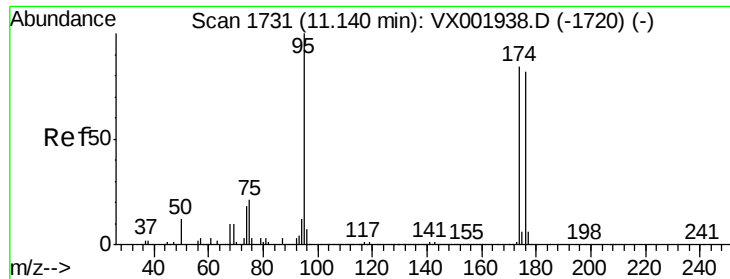
Tot Ion: 98 Resp: 770085  
Ion Ratio Lower Upper  
98 100  
100 63.6 51.5 77.3



#60  
Dibromochloromethane  
Concen: 0.50 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.26 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

Tgt Ion: 129 Resp: 2776  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.3 114.9#

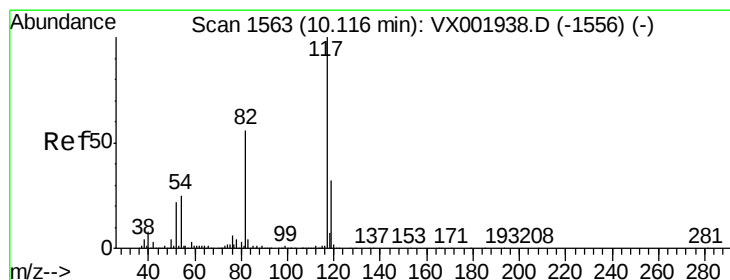
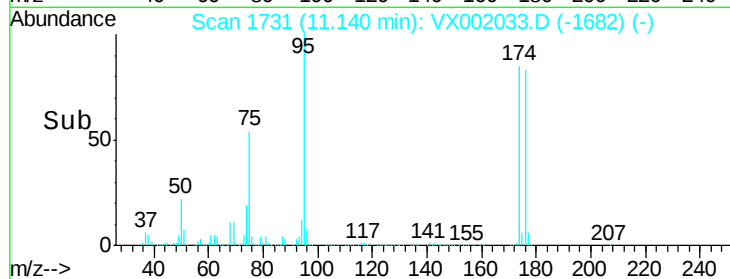
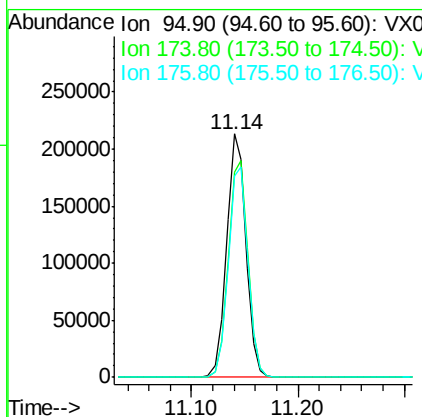
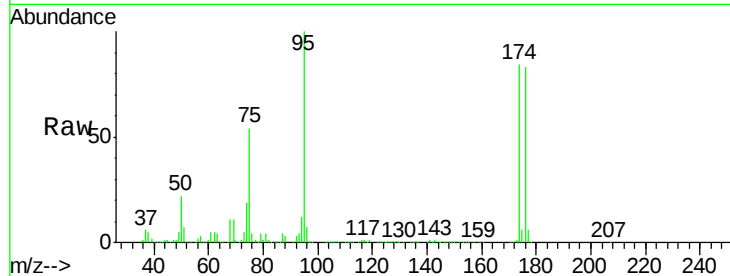




#62  
4-Bromofluorobenzene  
Concen: 44.58 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

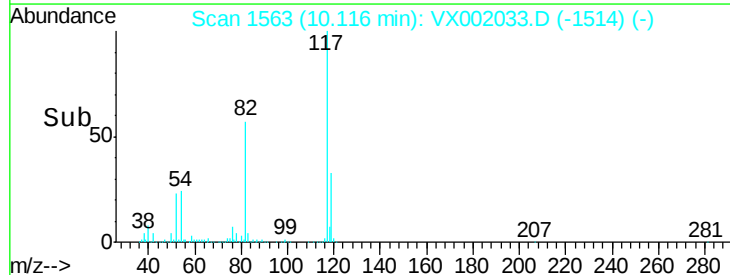
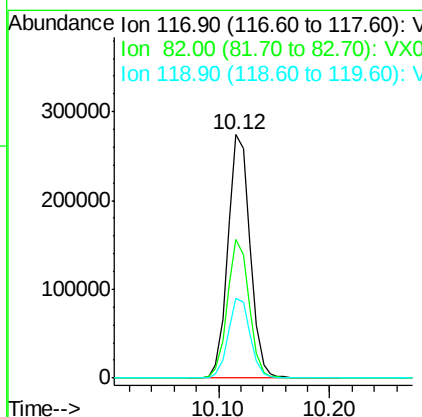
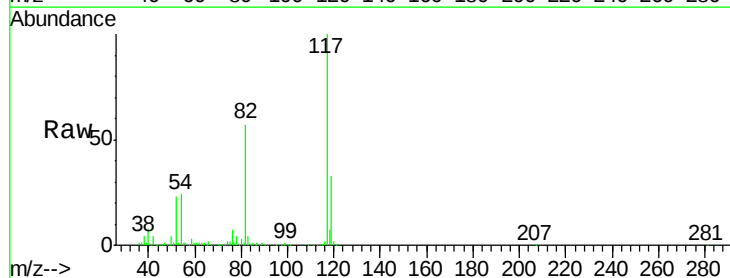
Instrument :  
MSVOA\_X  
ClientSampleId :

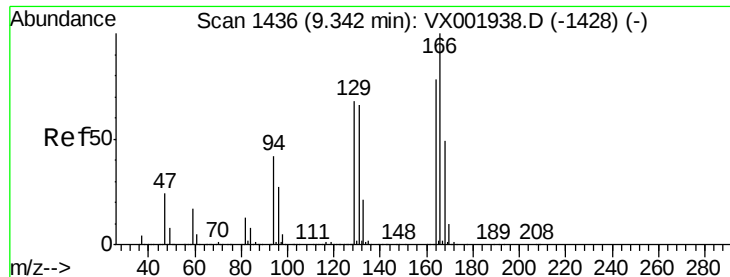
Tot Ion: 95 Resp: 270808  
Ion Ratio Lower Upper  
95 100  
174 91.1 0.0 178.8  
176 88.4 0.0 175.6



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002033.D  
Acq: 26 May 2018 21:39

Tgt Ion: 117 Resp: 377537  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.8 67.2  
119 32.8 25.5 38.3





#64

Tetrachloroethene

Concen: 0.55 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:164 Resp: 2958

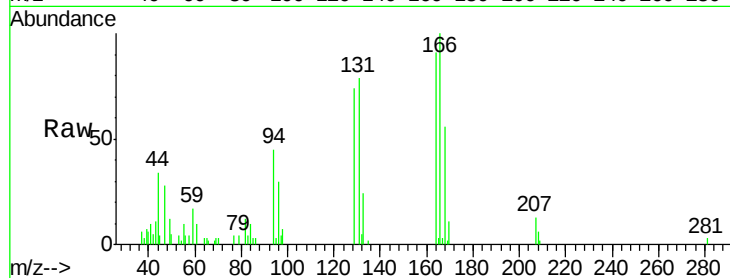
Ion Ratio Lower Upper

164 100

166 110.0 102.7 154.1

129 80.9 70.3 105.5

131 87.2 68.2 102.4

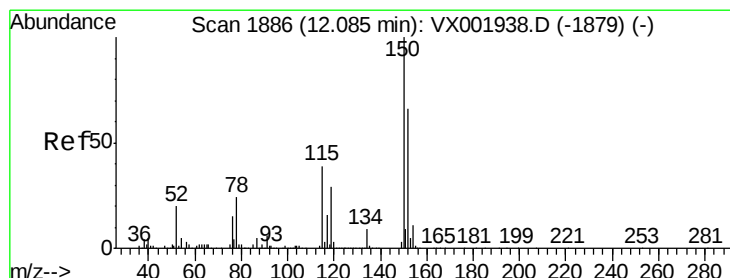
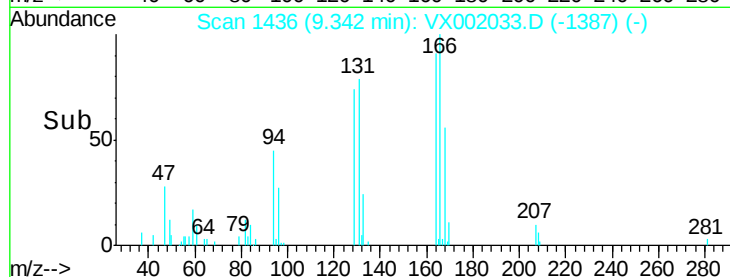
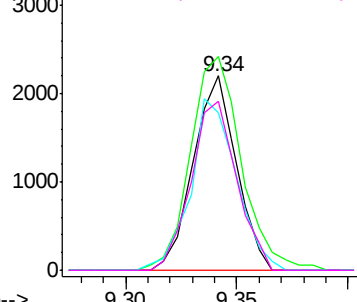


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

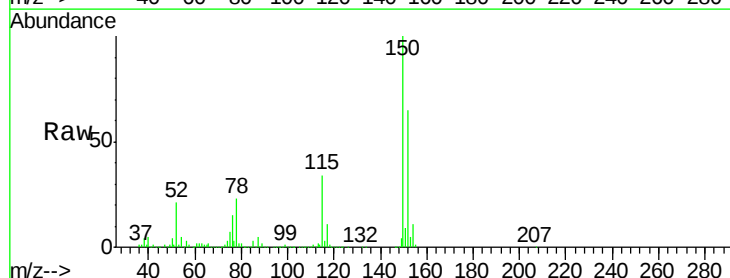
Tgt Ion:152 Resp: 203866

Ion Ratio Lower Upper

152 100

115 55.1 42.3 126.8

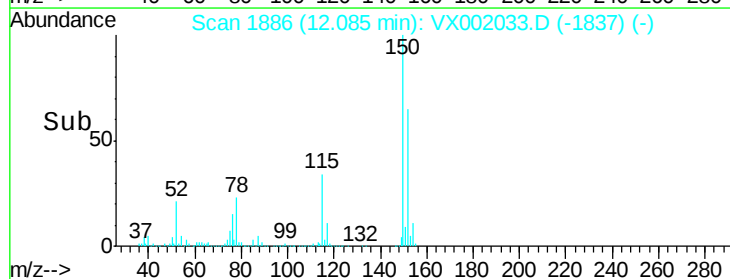
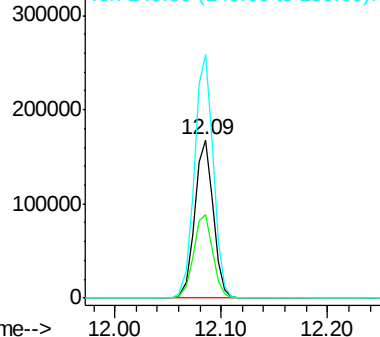
150 156.6 0.0 351.0

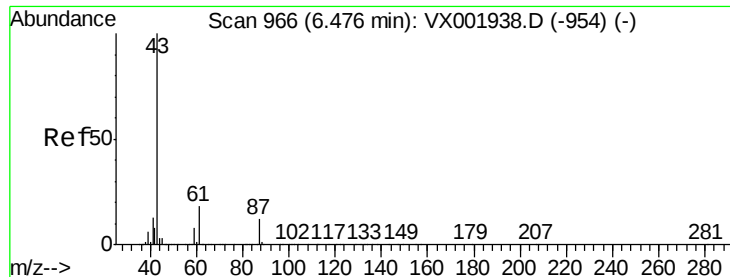


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: Below Cal

RT: 6.49 min Scan# 968

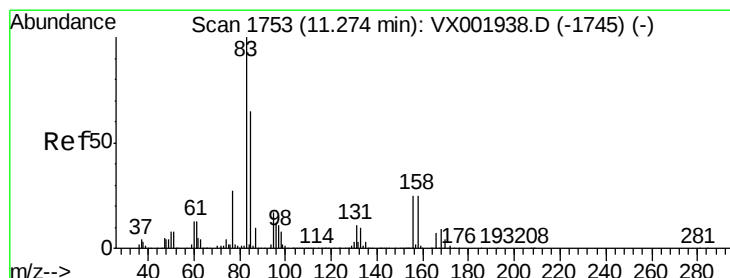
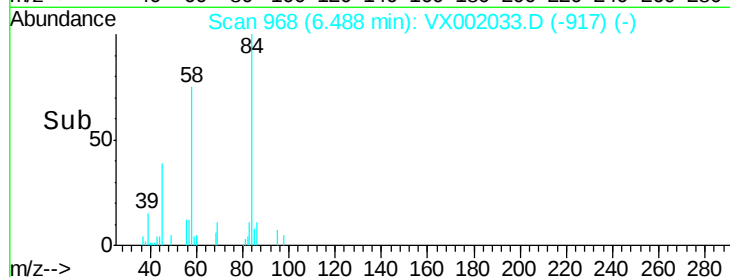
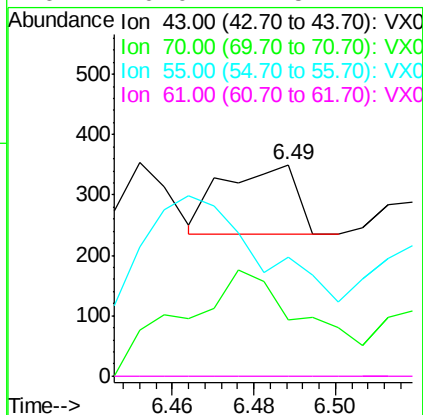
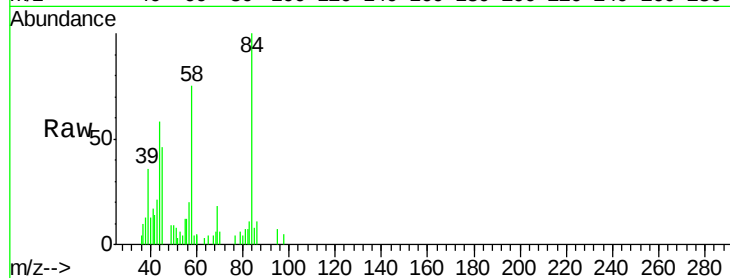
Delta R.T. 0.01 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 143   |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 266.4 | 0.1   | 0.1#  |
| 55       | 0.0   | 0.1   | 0.1#  |
| 61       | 0.0   | 14.5  | 21.7# |



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

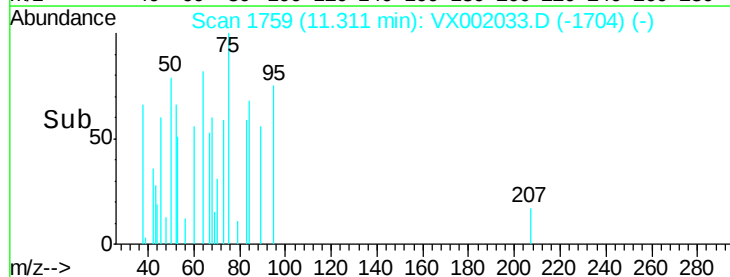
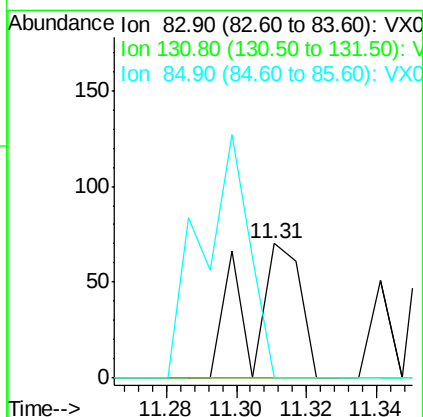
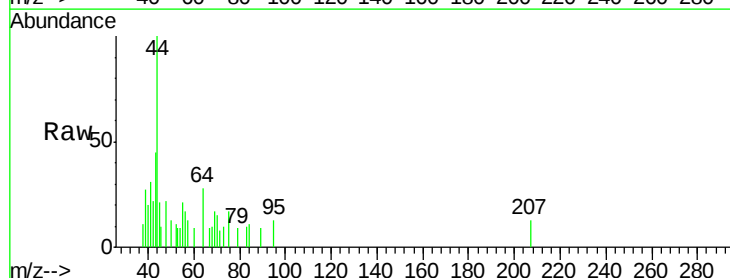
RT: 11.31 min Scan# 1759

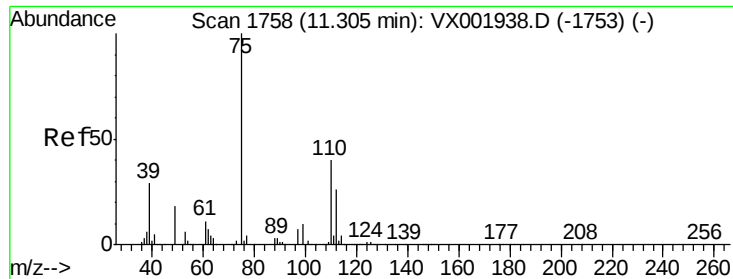
Delta R.T. 0.04 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 72    |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 0.0   | 5.7   | 17.0# |
| 85       | 168.1 | 32.6  | 97.7# |





#76

1,2,3-Trichloropropane

Concen: 29.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

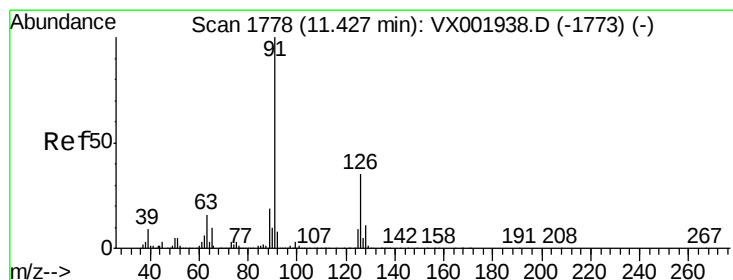
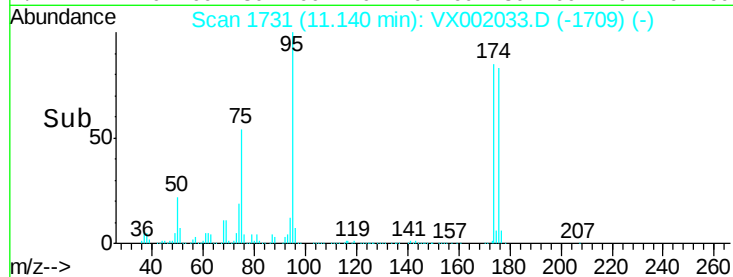
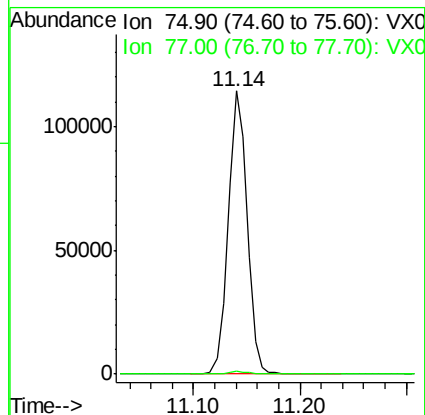
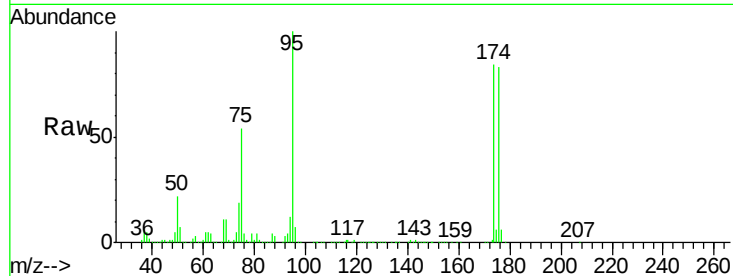
ClientSampleId :

Tot Ion: 75 Resp: 142115

Ion Ratio Lower Upper

75 100

77 1.2 22.8 68.3#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.44 min Scan# 1781

Delta R.T. 0.02 min

Lab File: VX002033.D

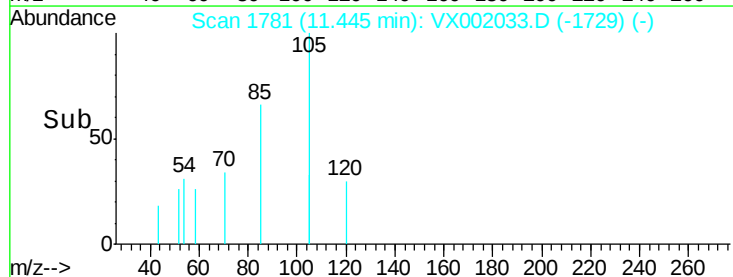
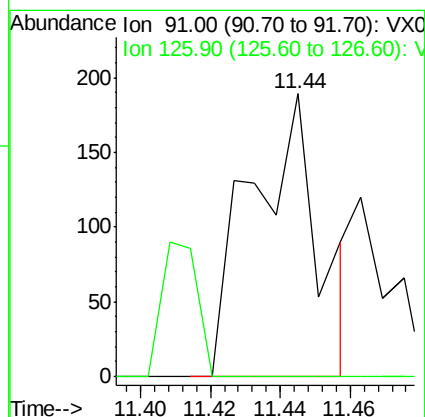
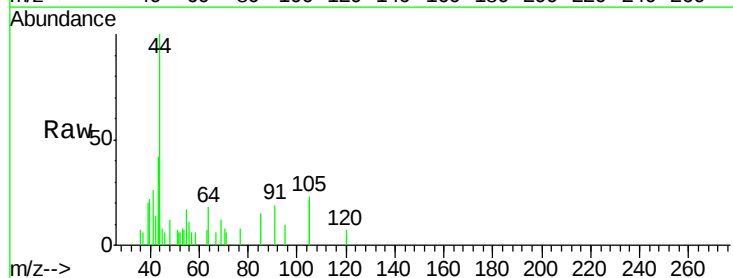
Acq: 26 May 2018 21:39

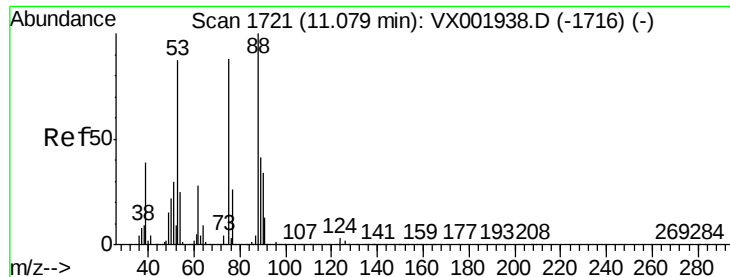
Tgt Ion: 91 Resp: 256

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.2#





#81

trans-1,4-Dichloro-2-butene

Concen: 69.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002033.D

Acq: 26 May 2018 21:39

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 75 Resp: 142115

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 39.4 59.2#

