

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
 Data File : VX018035.D  
 Acq On : 20 Aug 2020 15:19  
 Operator : JC/SP  
 Sample : L3721-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 I-LGC-6

Quant Time: Aug 21 01:26:11 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 19 05:36:51 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.64  | 168  | 598907   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.84  | 114  | 936652   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 882160   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 452296   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.03   | 65  | 391395   | 44.58 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 89.16% |      |
| 35) Dibromofluoromethane  | 5.47   | 113 | 315506   | 45.23 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.46% |      |
| 50) Toluene-d8            | 8.70   | 98  | 1151922  | 46.72 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.44% |      |
| 62) 4-Bromofluorobenzene  | 11.12  | 95  | 434814   | 47.75 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.50% |      |

## Target Compounds

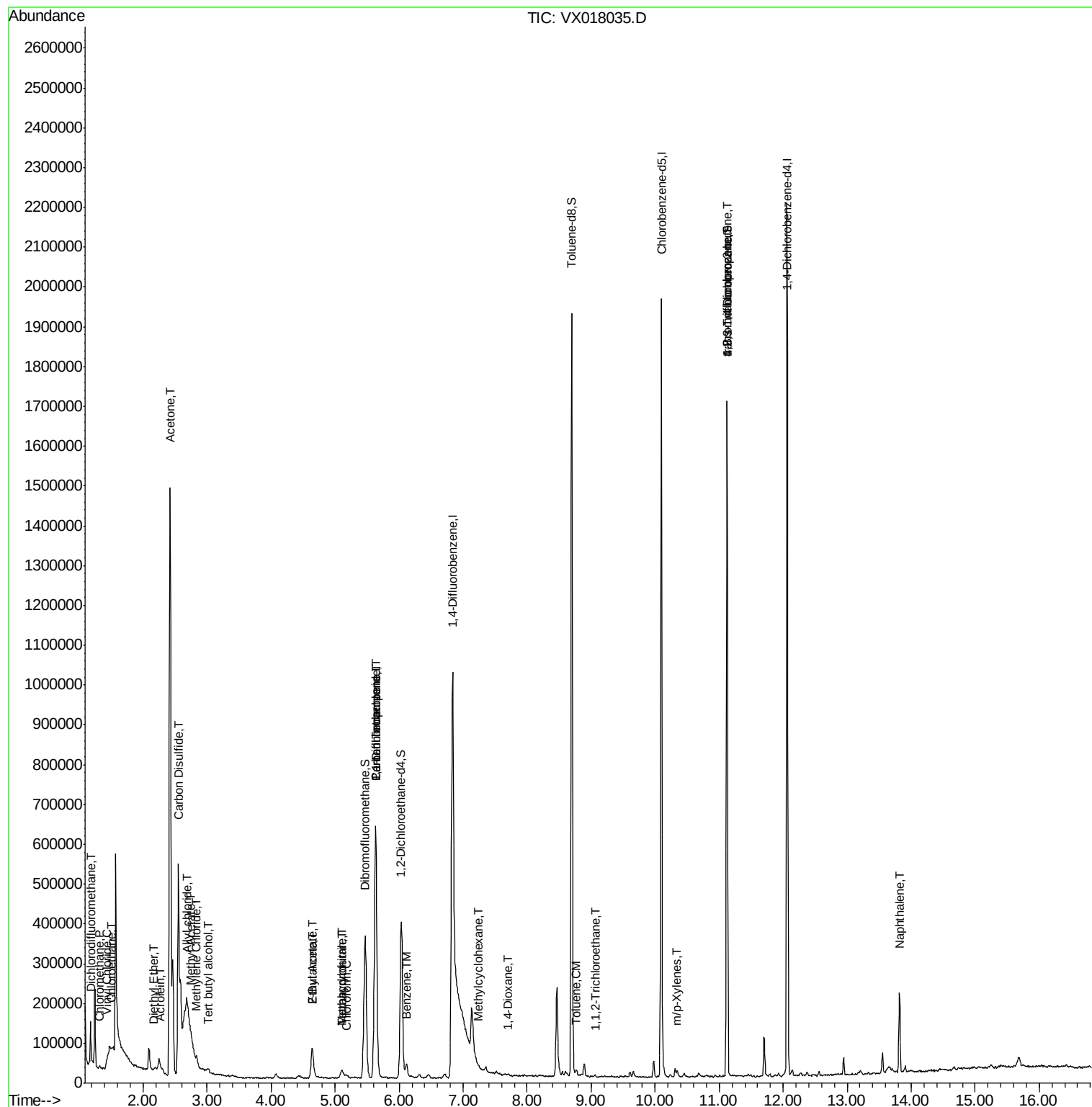
|                                |       |     |         |         |        | Qvalue |
|--------------------------------|-------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane     | 1.19  | 85  | 455     | 1.038   | ug/l # | 49     |
| 3) Chloromethane               | 1.32  | 50  | 3579    | 0.437   | ug/l   | 98     |
| 4) Vinyl Chloride              | 1.43  | 62  | 292     | 2.292   | ug/l # | 1      |
| 6) Chloroethane                | 1.51  | 64  | 184570  | 41.092  | ug/l # | 51     |
| 8) Diethyl Ether               | 2.16  | 74  | 803     | 0.220   | ug/l # | 1      |
| 11) Tert butyl alcohol         | 3.02  | 59  | 6661    | 3.930   | ug/l # | 87     |
| 13) Acrolein                   | 2.28  | 56  | 506     | 0.565   | ug/l # | 13     |
| 14) Allyl chloride             | 2.68  | 41  | 35791   | 3.717   | ug/l # | 1      |
| 16) Acetone                    | 2.42  | 43  | 1565418 | 453.224 | ug/l   | 97     |
| 17) Carbon Disulfide           | 2.55  | 76  | 684038  | 52.226  | ug/l   | 99     |
| 18) Methyl Acetate             | 2.75  | 43  | 1752    | 0.202   | ug/l # | 41     |
| 20) Methylene Chloride         | 2.84  | 84  | 8141    | 1.279   | ug/l # | 86     |
| 25) 2-Butanone                 | 4.64  | 43  | 136742  | 26.151  | ug/l   | 93     |
| 29) Tetrahydrofuran            | 5.10  | 42  | 14451   | 4.450   | ug/l # | 79     |
| 30) Chloroform                 | 5.18  | 83  | 8790    | 0.719   | ug/l   | 99     |
| 36) 1,1-Dichloropropene        | 5.63  | 75  | 44423   | 5.666   | ug/l # | 50     |
| 37) Ethyl Acetate              | 4.64  | 43  | 136742  | 14.578  | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.63  | 117 | 62242   | 6.134   | ug/l # | 16     |
| 39) Methylcyclohexane          | 7.24  | 83  | 464     | 0.859   | ug/l   | 89     |
| 40) Benzene                    | 6.12  | 78  | 42061   | 1.781   | ug/l   | 92     |
| 41) Methacrylonitrile          | 5.11  | 41  | 10205   | 1.898   | ug/l # | 42     |
| 49) 1,4-Dioxane                | 7.70  | 88  | 131     | 0.852   | ug/l # | 1      |
| 52) Toluene                    | 8.76  | 92  | 4397    | 0.285   | ug/l   | 93     |
| 55) 1,1,2-Trichloroethane      | 9.06  | 97  | 2806    | 0.395   | ug/l # | 23     |
| 68) m/p-Xylenes                | 10.34 | 106 | 2862    | 0.258   | ug/l   | 100    |
| 76) 1,2,3-Trichloropropane     | 11.12 | 75  | 215574  | 22.412  | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.12 | 75  | 215574  | 58.878  | ug/l # | 12     |
| 95) Naphthalene                | 13.82 | 128 | 123423  | 4.380   | ug/l   | 100    |

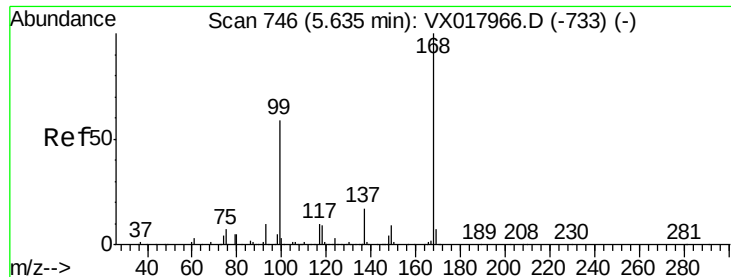
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082020\  
Data File : VX018035.D  
Acq On : 20 Aug 2020 15:19  
Operator : JC/SP  
Sample : L3721-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

Quant Time: Aug 21 01:26:11 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X081920W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 19 05:36:51 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

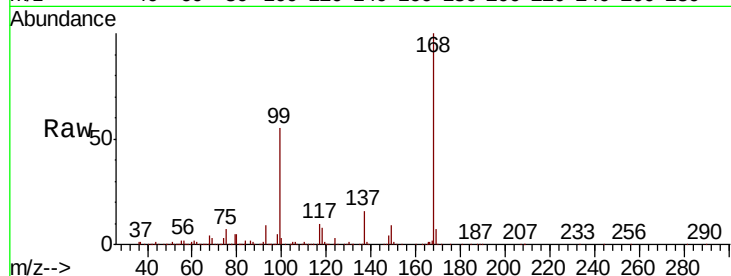
I-LGC-6

Tot Ion:168 Resp: 598907

Ion Ratio Lower Upper

168 100

99 54.6 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

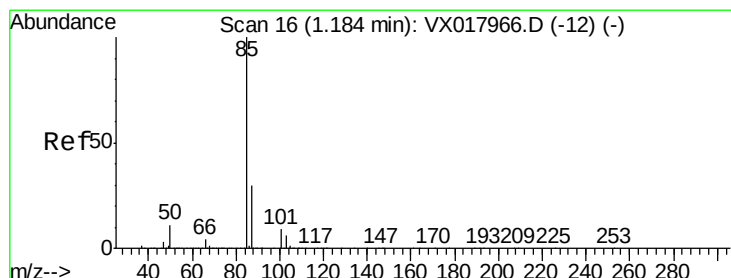
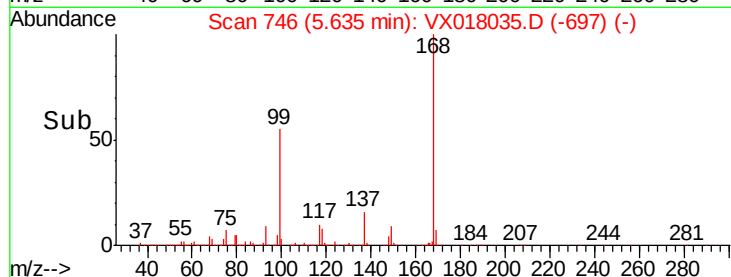
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.038 ug/l

RT: 1.19 min Scan# 17

Delta R.T. 0.01 min

Lab File: VX018035.D

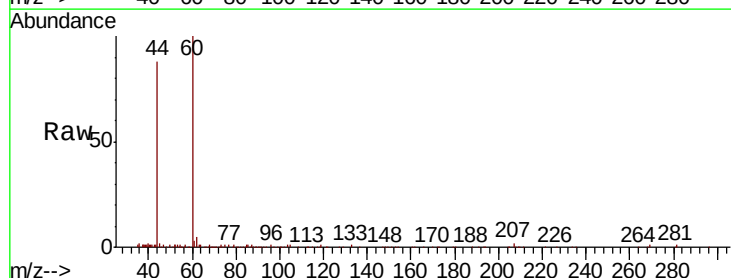
Acq: 20 Aug 2020 15:19

Tgt Ion: 85 Resp: 455

Ion Ratio Lower Upper

85 100

87 58.6 15.3 45.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

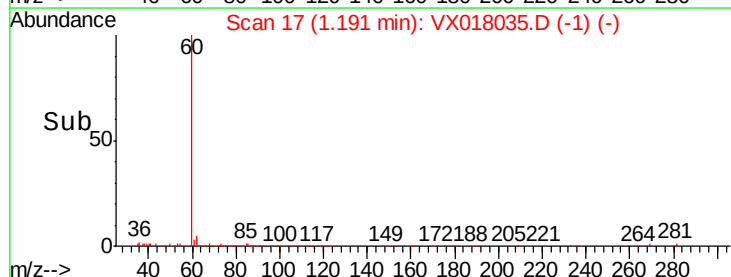
300

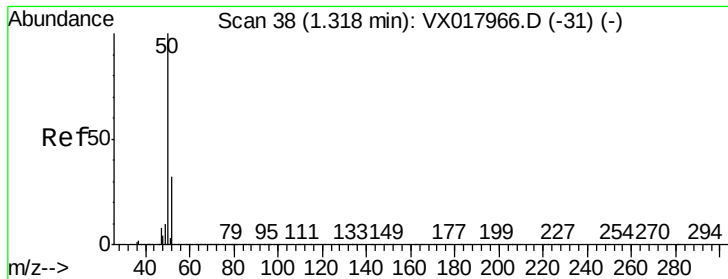
200

100

0

Time-->





#3

Chloromethane

Concen: 0.437 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

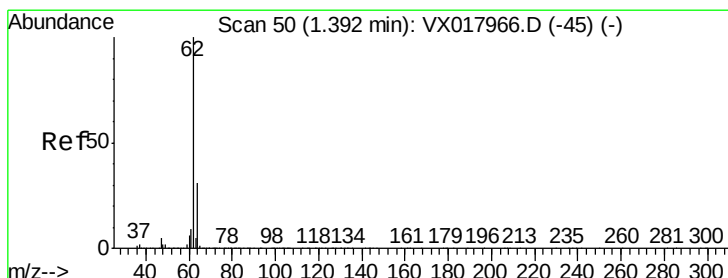
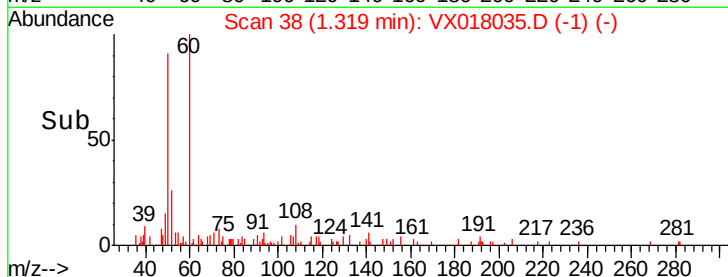
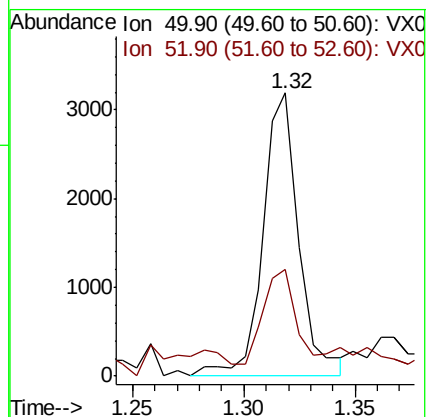
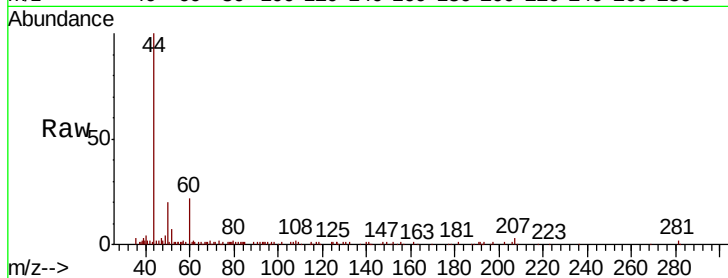
I-LGC-6

Tot Ion: 50 Resp: 3579

Ion Ratio Lower Upper

50 100

52 30.8 25.4 38.0



#4

Vinyl Chloride

Concen: 2.292 ug/l

RT: 1.43 min Scan# 56

Delta R.T. 0.04 min

Lab File: VX018035.D

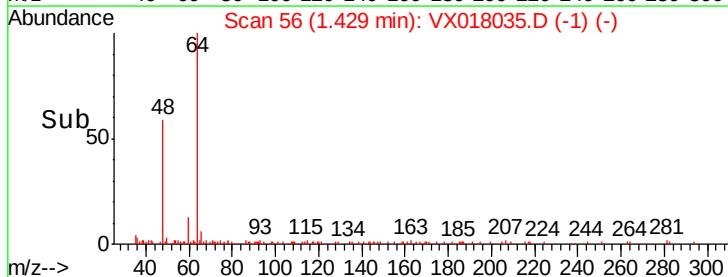
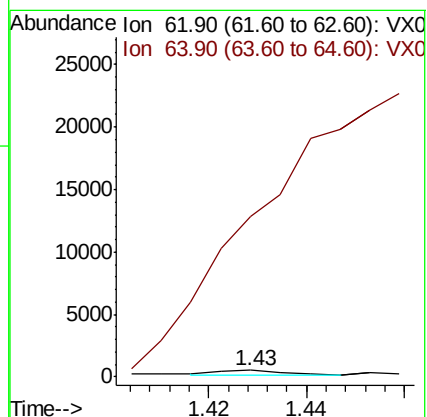
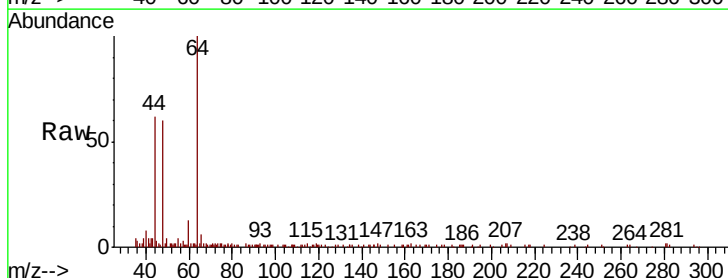
Acq: 20 Aug 2020 15:19

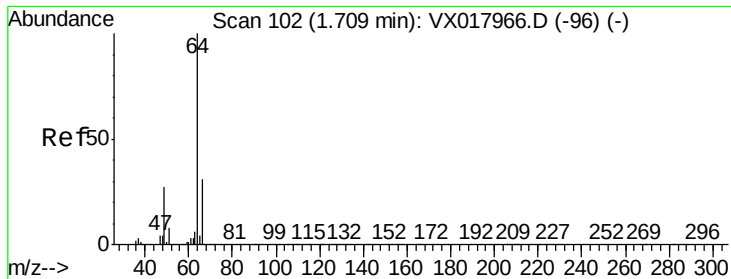
Tgt Ion: 62 Resp: 292

Ion Ratio Lower Upper

62 100

64 2092.4 24.7 37.1#





#6

Chloroethane

Concen: 41.092 ug/l

RT: 1.51 min Scan# 69

Delta R.T. -0.20 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampled :

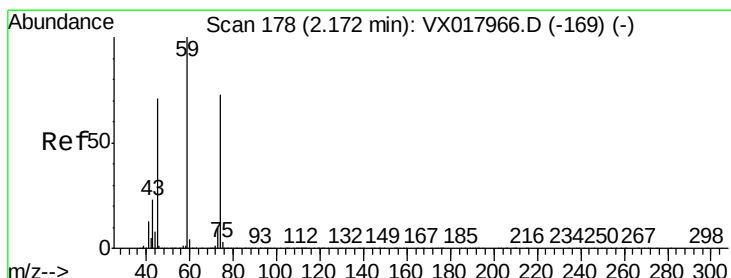
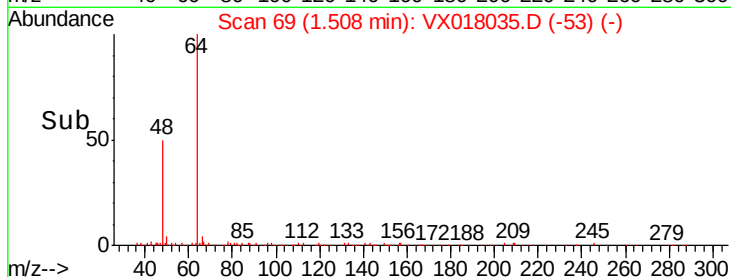
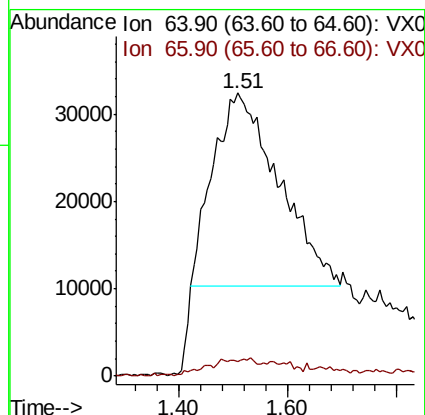
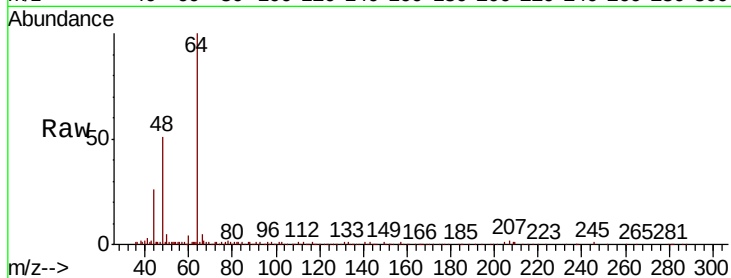
I-LGC-6

Tot Ion: 64 Resp: 184570

Ion Ratio Lower Upper

64 100

66 4.5 25.0 37.4#



#8

Diethyl Ether

Concen: 0.220 ug/l

RT: 2.16 min Scan# 176

Delta R.T. -0.01 min

Lab File: VX018035.D

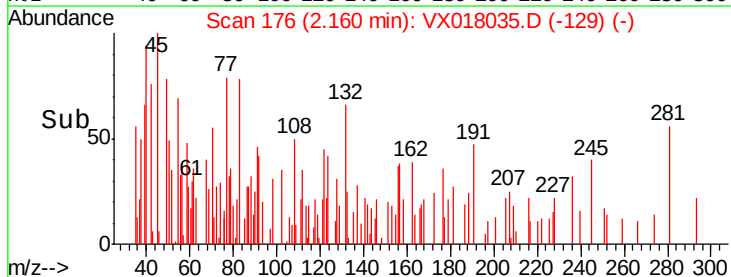
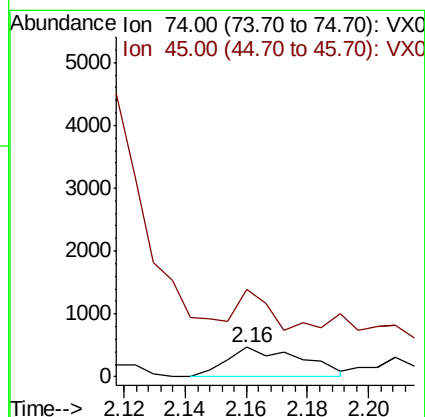
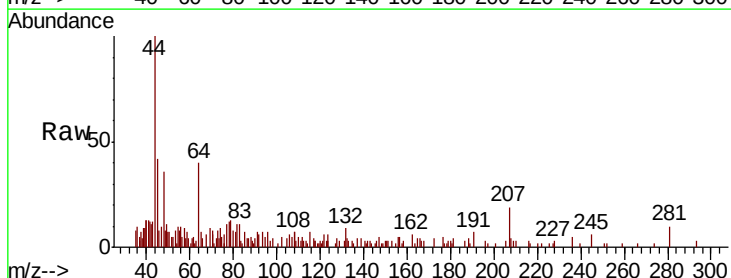
Acq: 20 Aug 2020 15:19

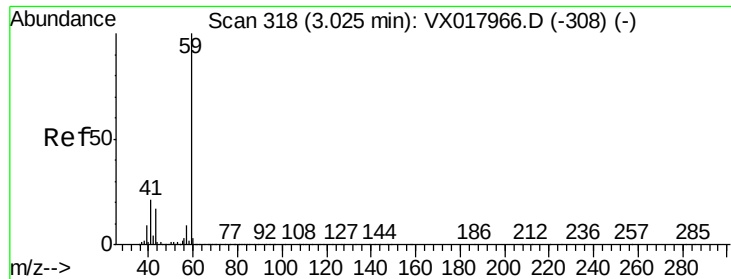
Tgt Ion: 74 Resp: 803

Ion Ratio Lower Upper

74 100

45 0.0 50.5 151.6#



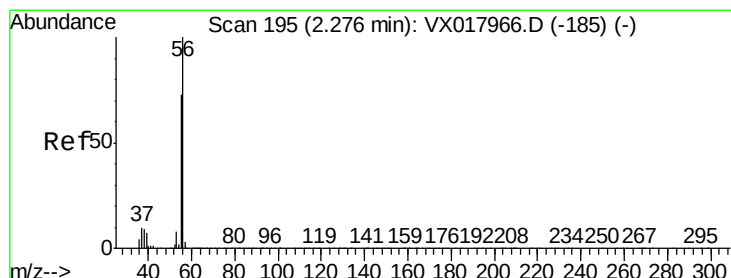
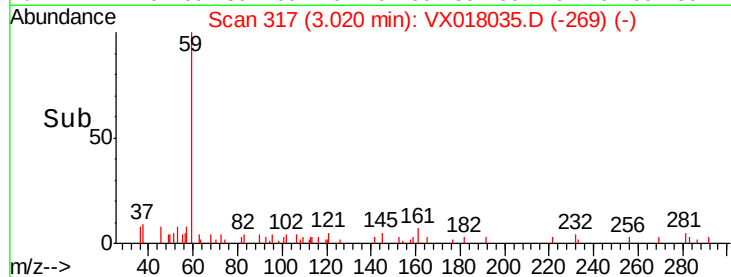
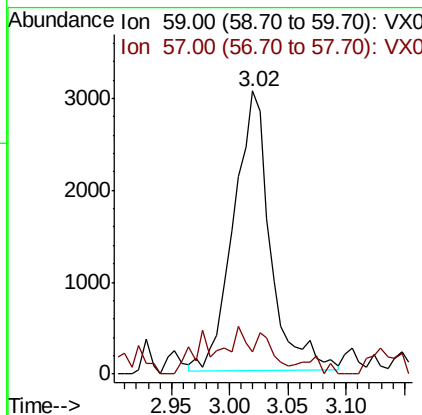
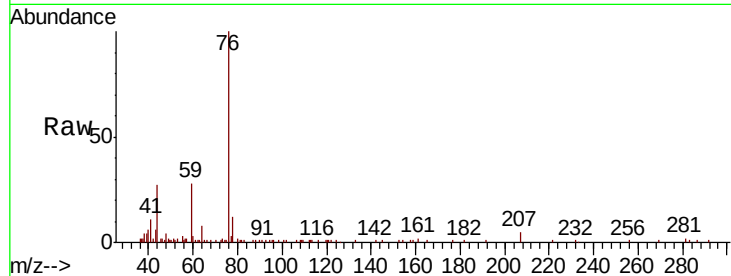


#11

Tert butyl alcohol  
Concen: 3.930 ug/l  
RT: 3.02 min Scan# 317  
Delta R.T. -0.01 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

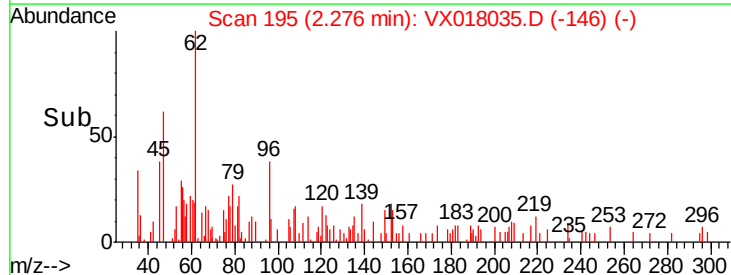
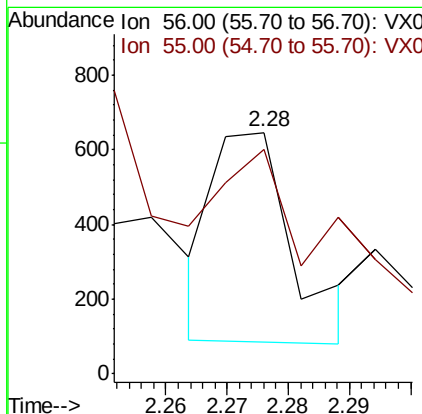
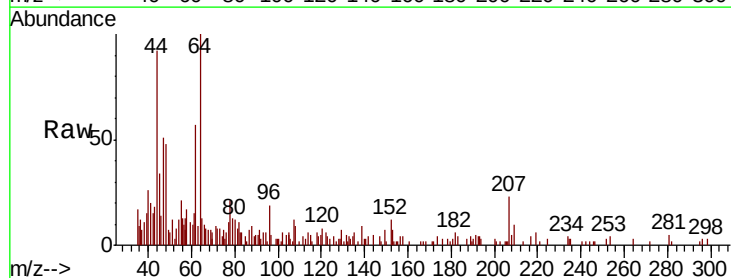
Tot Ion: 59 Resp: 6661  
Ion Ratio Lower Upper  
59 100  
57 5.8 8.6 13.0#

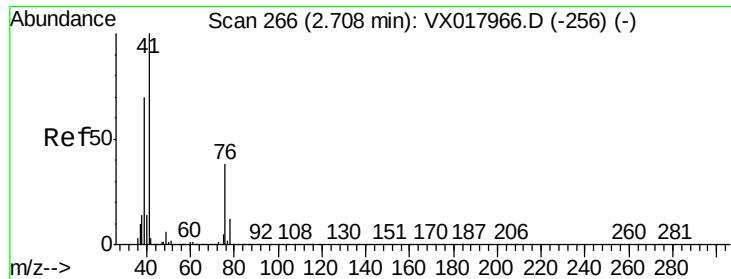


#13

Acrolein  
Concen: 0.565 ug/l  
RT: 2.28 min Scan# 195  
Delta R.T. 0.00 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 56 Resp: 506  
Ion Ratio Lower Upper  
56 100  
55 0.0 58.2 87.4#

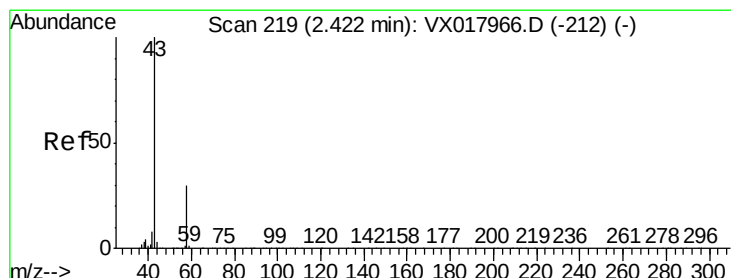
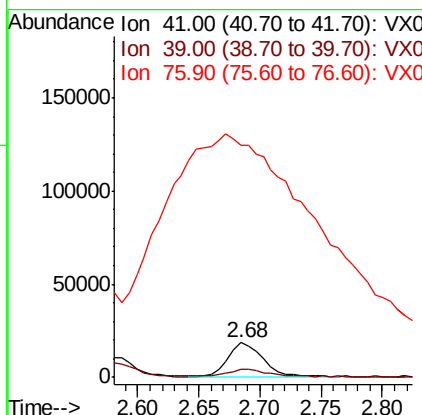
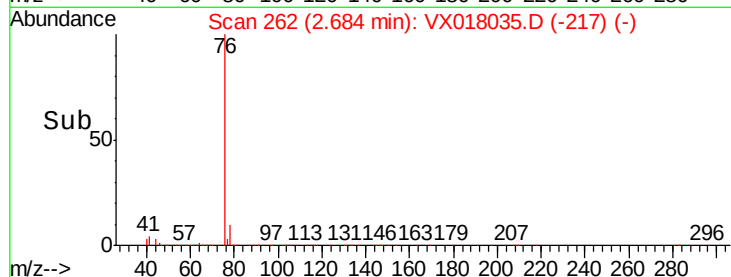
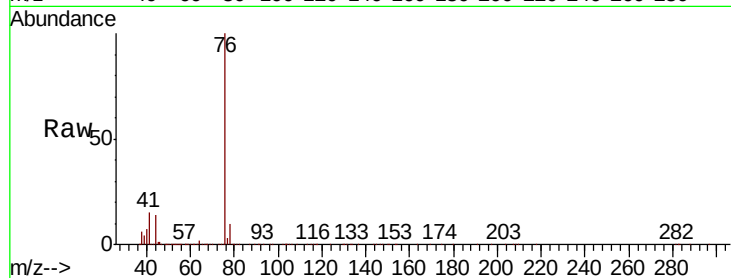




#14  
Allvl chloride  
Concen: 3.717 ug/l  
RT: 2.68 min Scan# 262  
Delta R.T. -0.02 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

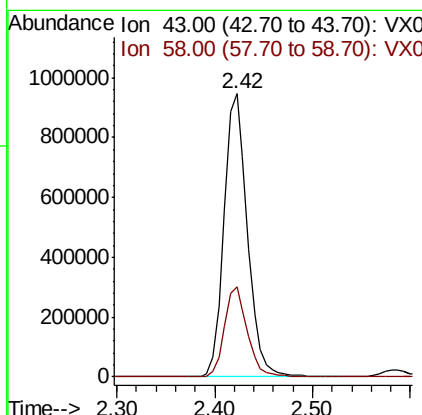
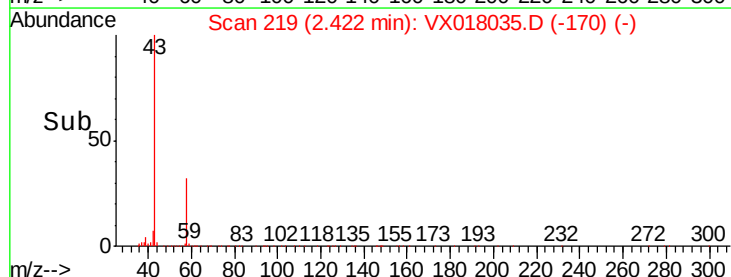
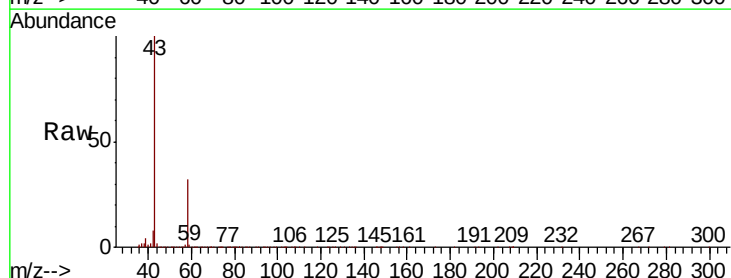
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MSVOA\_X  
ClientSampleId :  
I-LGC-6

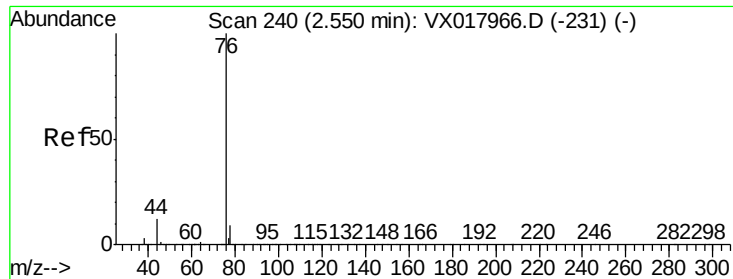
Tot Ion: 41 Resp: 35791  
Ion Ratio Lower Upper  
41 100  
39 21.9 51.7 77.5#  
76 3201.4 26.3 39.5#



#16  
Acetone  
Concen: 453.224 ug/l  
RT: 2.42 min Scan# 219  
Delta R.T. 0.00 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 43 Resp: 1565418  
Ion Ratio Lower Upper  
43 100  
58 31.6 23.8 35.8

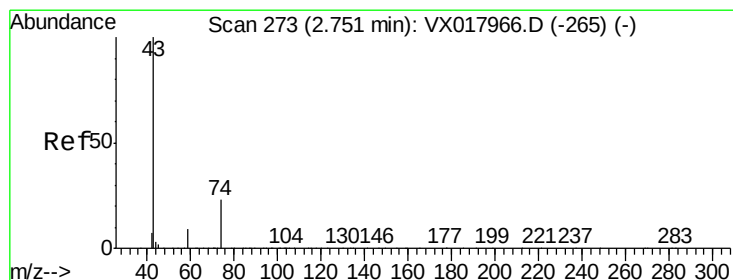
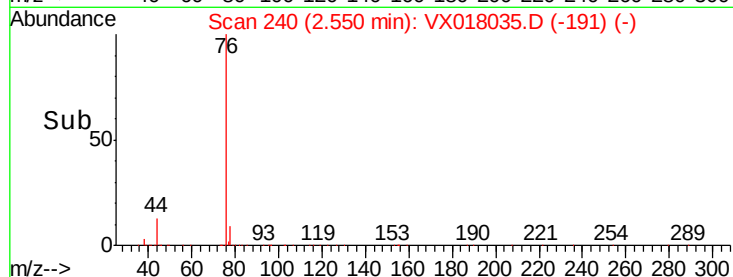
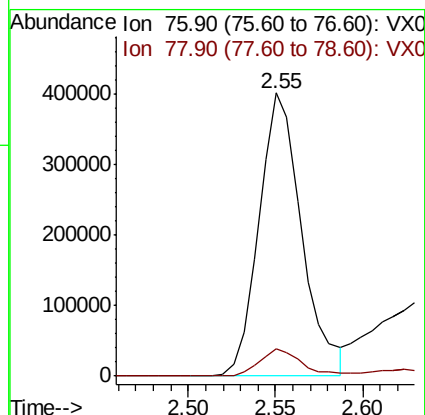
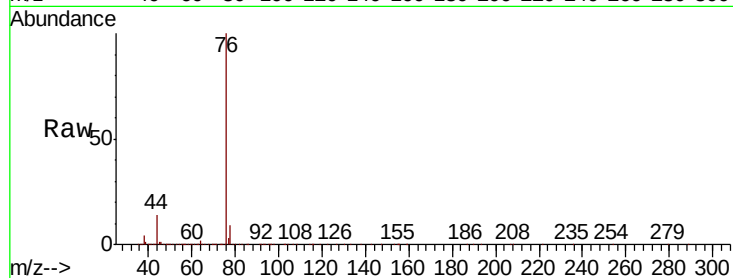




#17  
Carbon Disulfide  
Concen: 52.226 ug/l  
RT: 2.55 min Scan# 240  
Delta R.T. 0.00 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

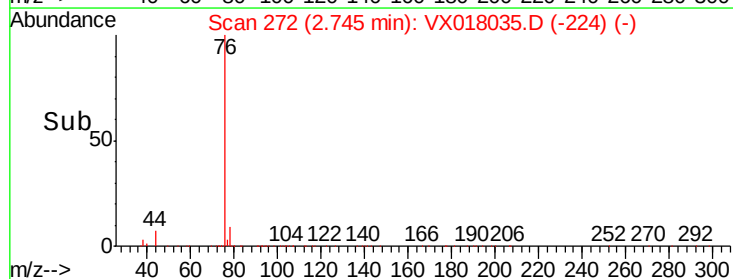
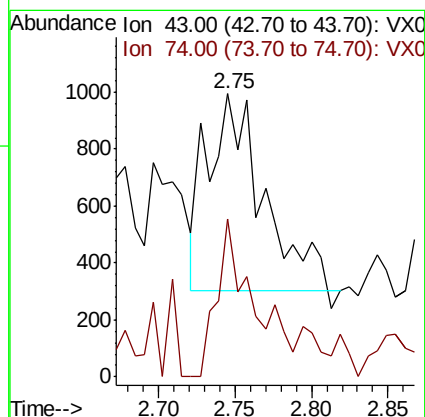
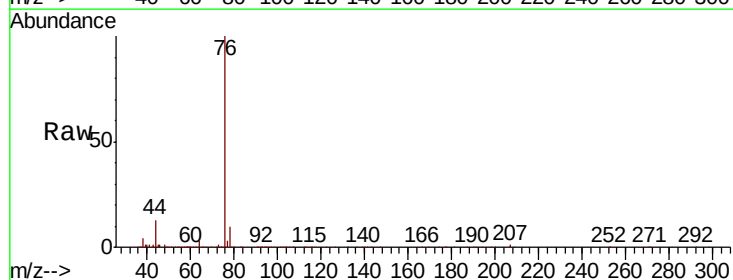
Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

Tot Ion: 76 Resp: 684038  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.3 10.9

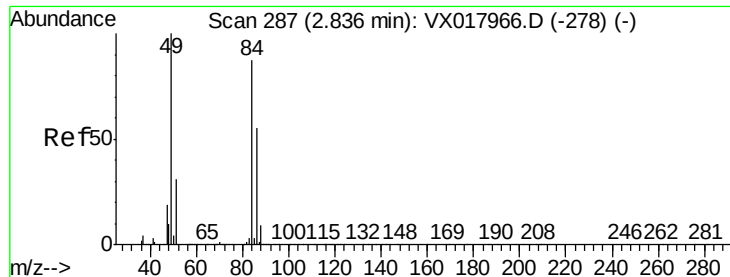


#18  
Methyl Acetate  
Concen: 0.202 ug/l  
RT: 2.75 min Scan# 272  
Delta R.T. -0.01 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 43 Resp: 1752  
Ion Ratio Lower Upper  
43 100  
74 54.0 19.7 29.5#



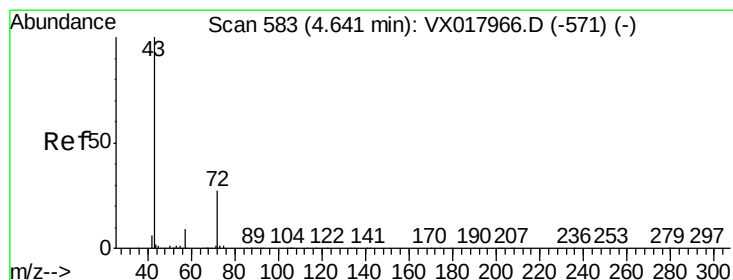
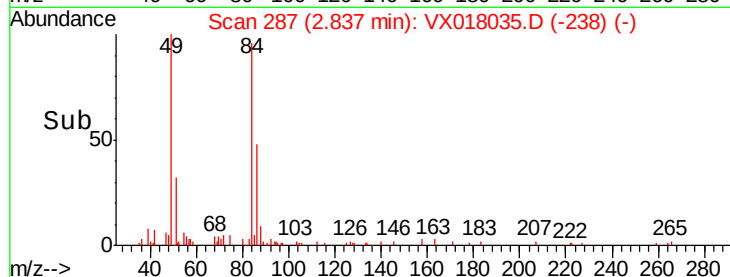
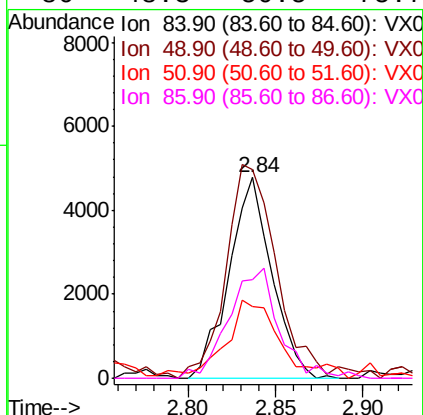
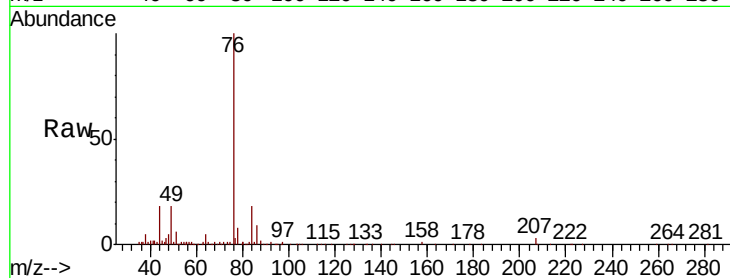




#20  
Methylene Chloride  
Concen: 1.279 ug/l  
RT: 2.84 min Scan# 287  
Delta R.T. 0.00 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

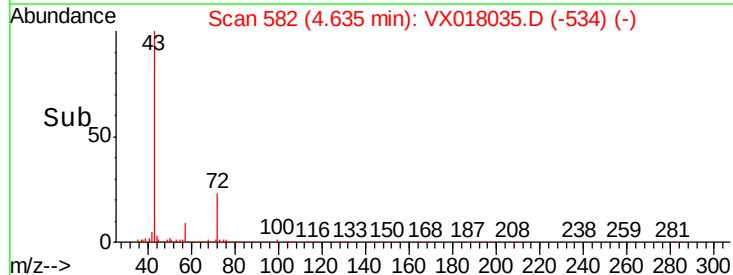
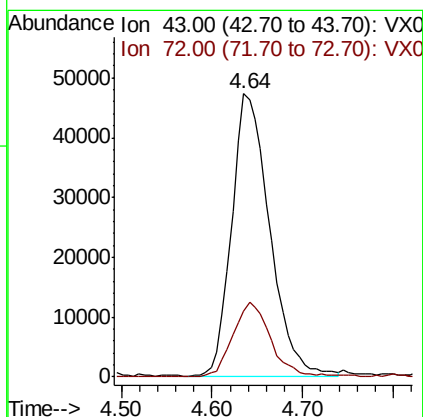
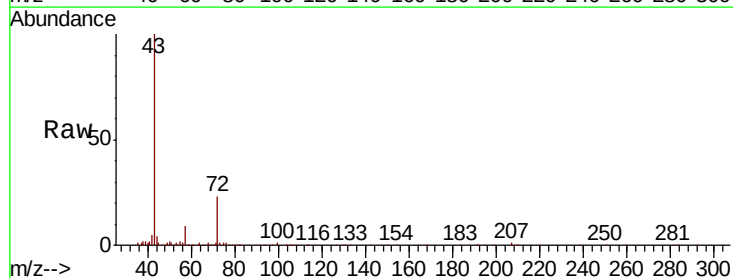
Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

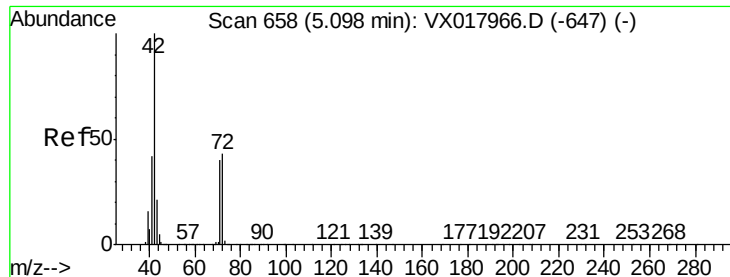
Tot Ion: 84 Resp: 8141  
Ion Ratio Lower Upper  
84 100  
49 98.3 91.8 137.6  
51 33.3 27.8 41.8  
86 48.3 50.5 75.7#



#25  
2-Butanone  
Concen: 26.151 ug/l  
RT: 4.64 min Scan# 582  
Delta R.T. -0.01 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 43 Resp: 136742  
Ion Ratio Lower Upper  
43 100  
72 23.3 21.4 32.2





#29

Tetrahydrofuran

Concen: 4.450 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

I-LGC-6

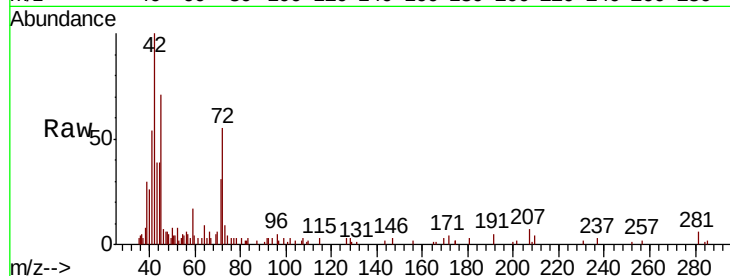
Tot Ion: 42 Resp: 14451

Ion Ratio Lower Upper

42 100

72 44.2 35.9 53.9

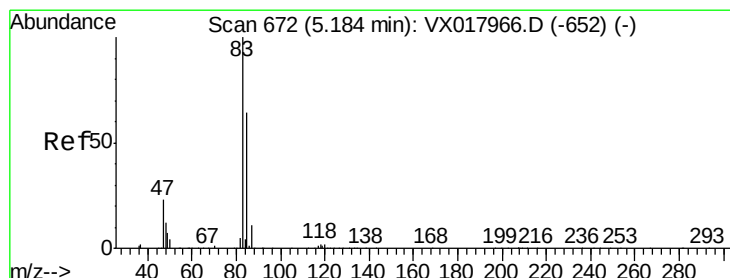
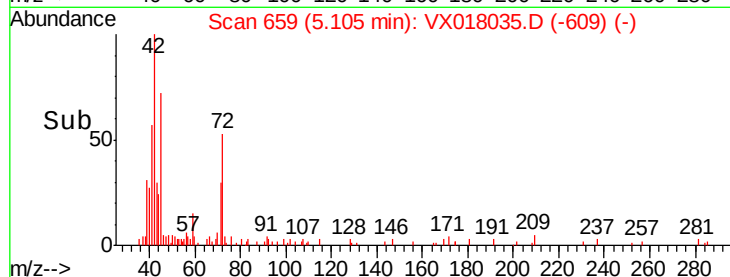
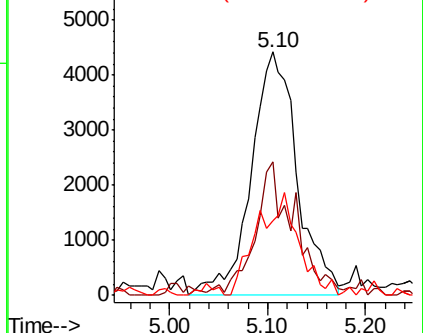
71 14.2 33.0 49.4#



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



#30

Chloroform

Concen: 0.719 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018035.D

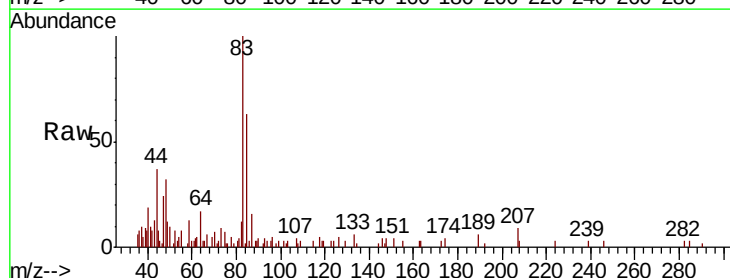
Acq: 20 Aug 2020 15:19

Tgt Ion: 83 Resp: 8790

Ion Ratio Lower Upper

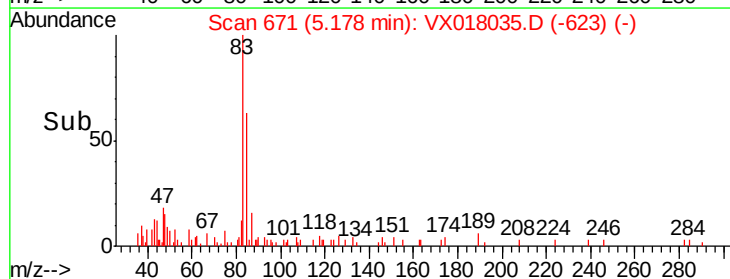
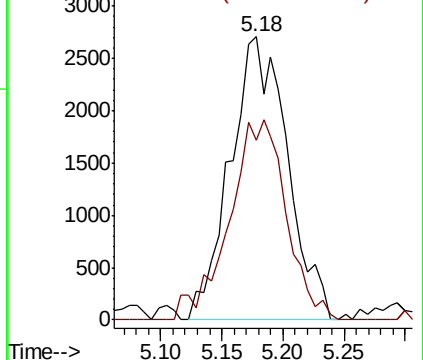
83 100

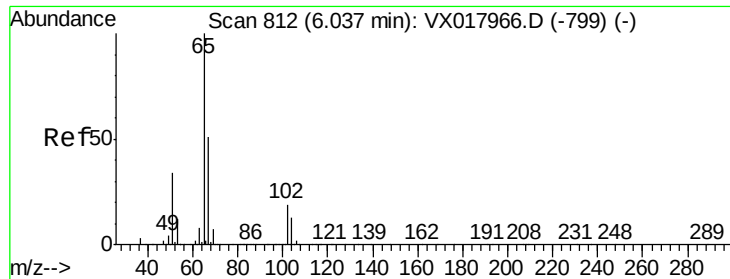
85 63.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

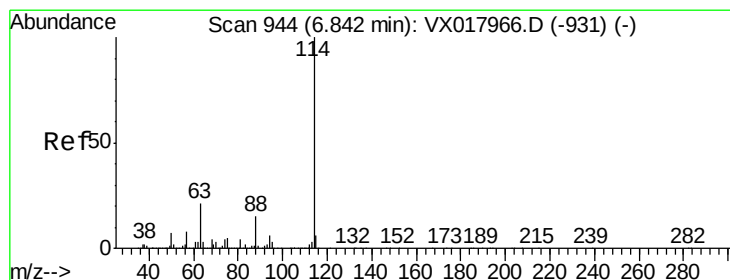
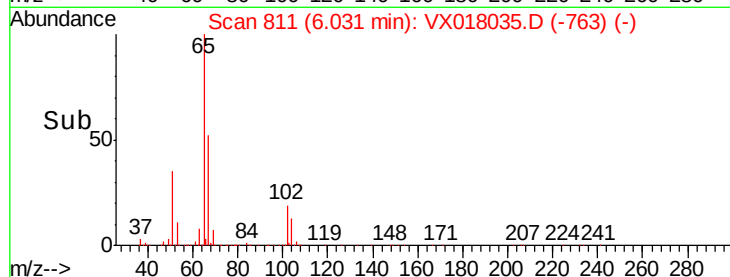
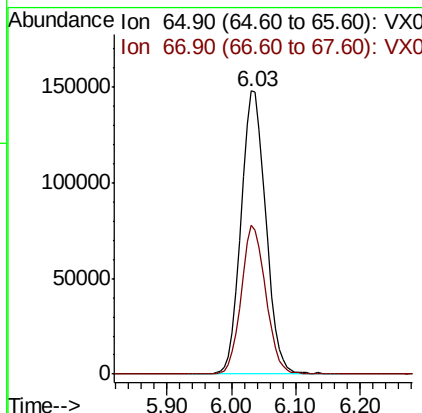
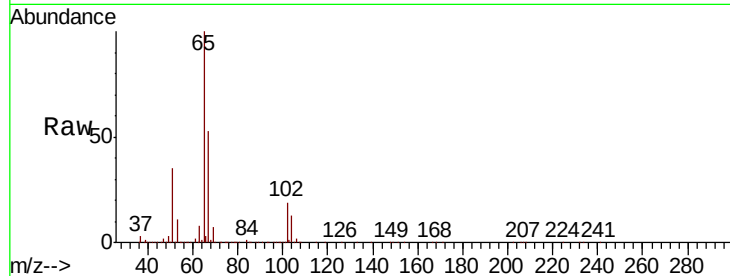




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.580 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. -0.01 min  
 Lab File: VX018035.D  
 Acq: 20 Aug 2020 15:19

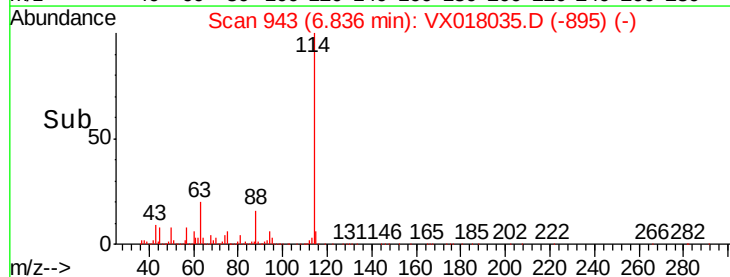
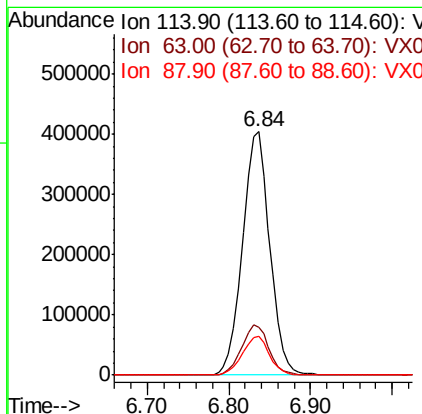
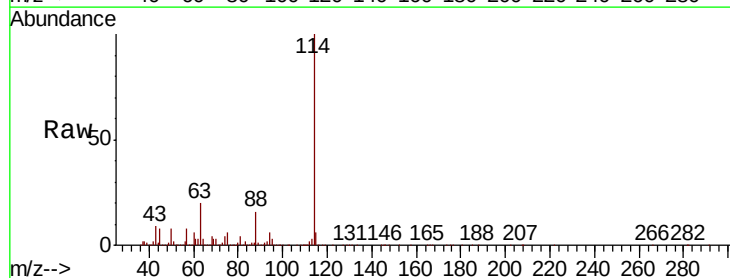
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 I-LGC-6

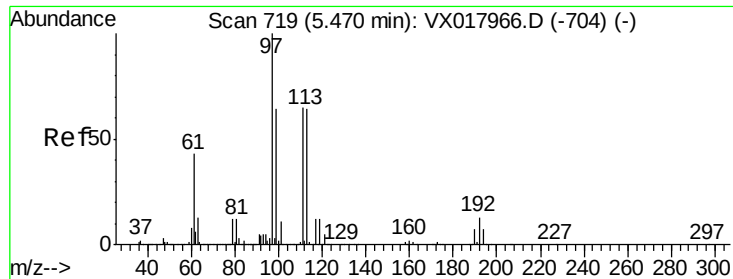
Tot Ion: 65 Resp: 391395  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 103.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. -0.01 min  
 Lab File: VX018035.D  
 Acq: 20 Aug 2020 15:19

Tgt Ion: 114 Resp: 936652  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 42.6  
 88 15.7 0.0 30.2

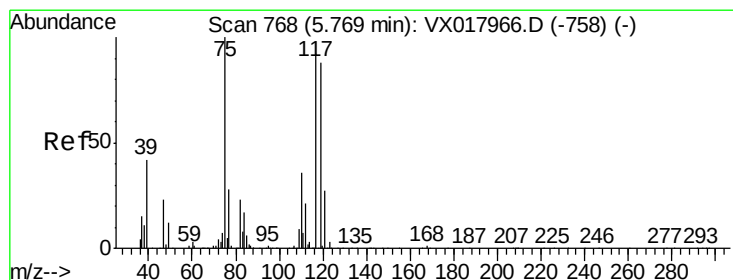
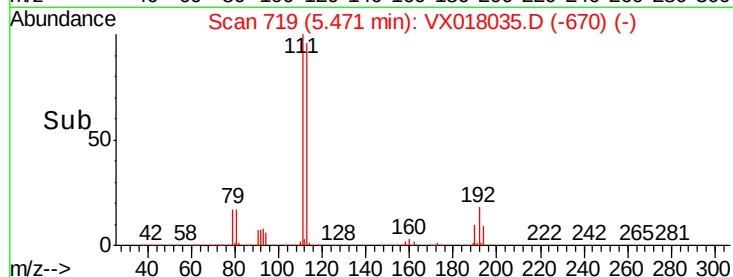
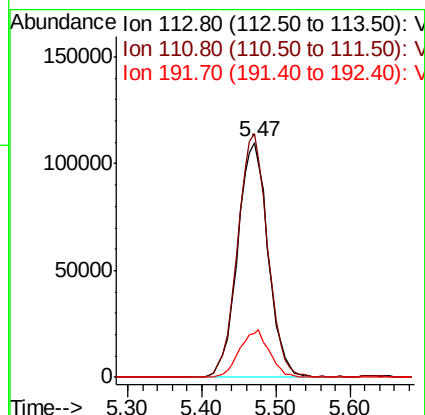
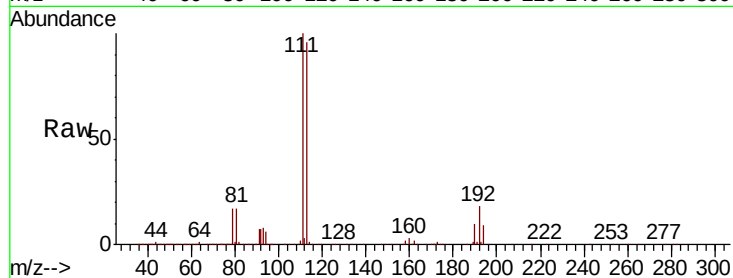




#35  
 Dibromofluoromethane  
 Concen: 45.233 ug/l  
 RT: 5.47 min Scan# 719  
 Delta R.T. 0.00 min  
 Lab File: VX018035.D  
 Acq: 20 Aug 2020 15:19

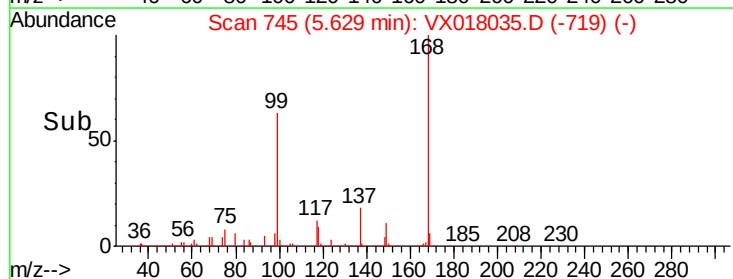
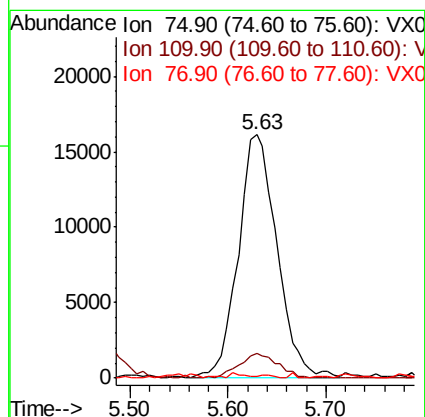
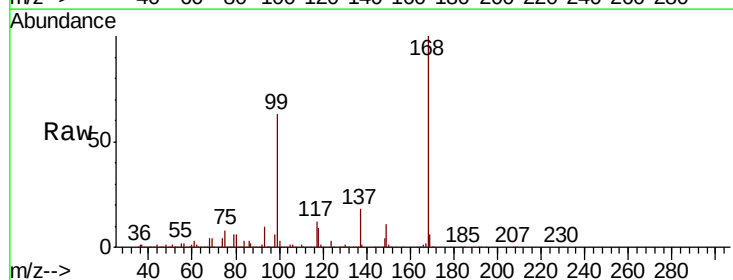
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 I-LGC-6

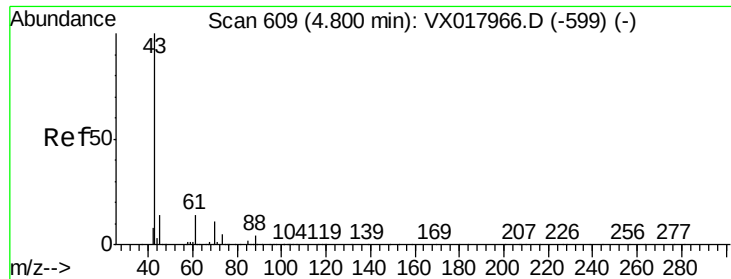
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.6 | 83.5  | 125.3 |
| 192     | 19.8  | 16.2  | 24.4  |



#36  
 1,1-Dichloropropene  
 Concen: 5.666 ug/l  
 RT: 5.63 min Scan# 745  
 Delta R.T. -0.14 min  
 Lab File: VX018035.D  
 Acq: 20 Aug 2020 15:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 10.1  | 18.7  | 56.1# |
| 77      | 0.3   | 24.4  | 36.6# |

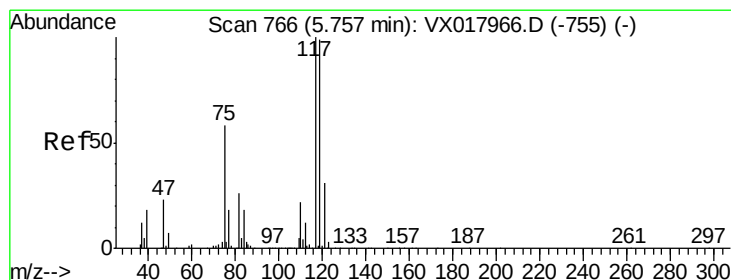
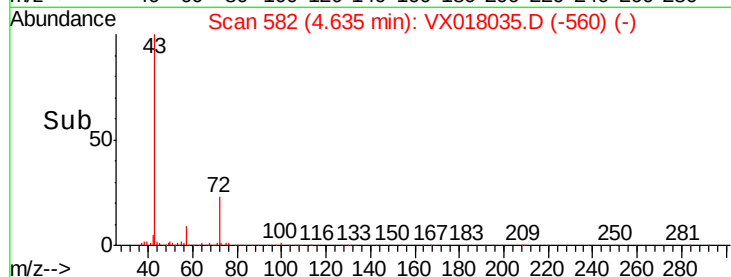
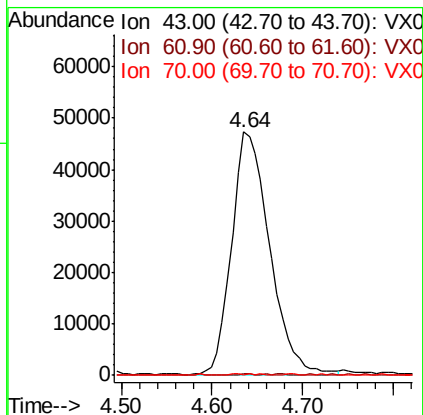
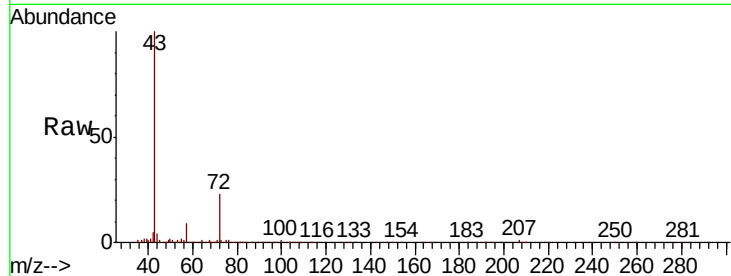




#37  
Ethyl Acetate  
Concen: 14.578 ug/l  
RT: 4.64 min Scan# 582  
Delta R.T. -0.16 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

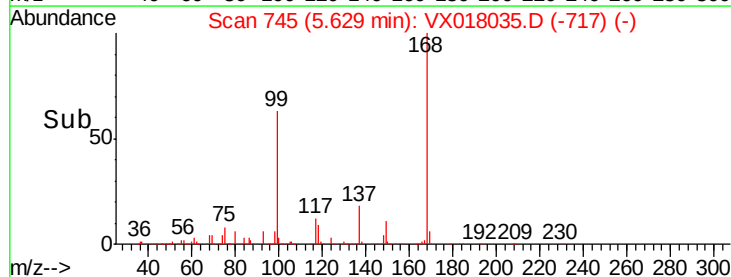
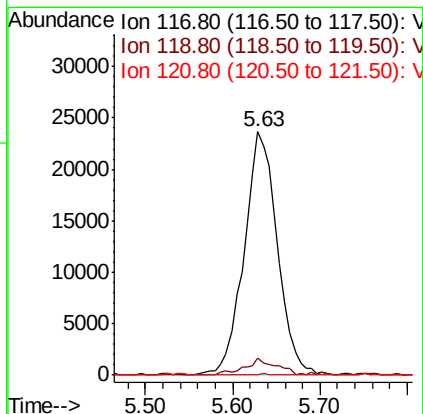
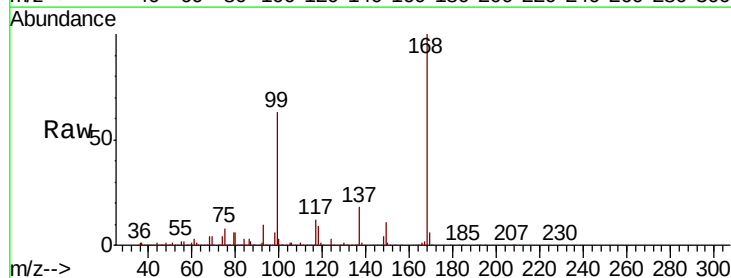
Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

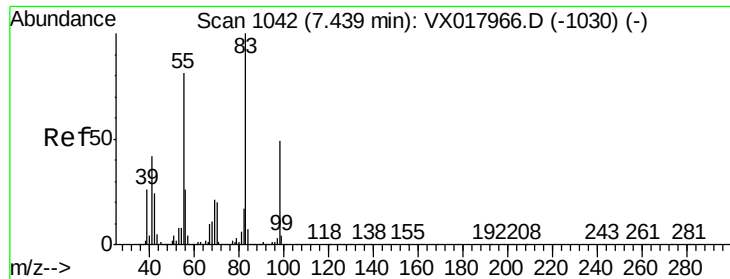
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 0.1   | 11.3  | 16.9# |
| 70      | 0.3   | 8.5   | 12.7# |



#38  
Carbon Tetrachloride  
Concen: 6.134 ug/l  
RT: 5.63 min Scan# 745  
Delta R.T. -0.13 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 7.0   | 79.0  | 118.6# |
| 121     | 0.0   | 24.7  | 37.1#  |

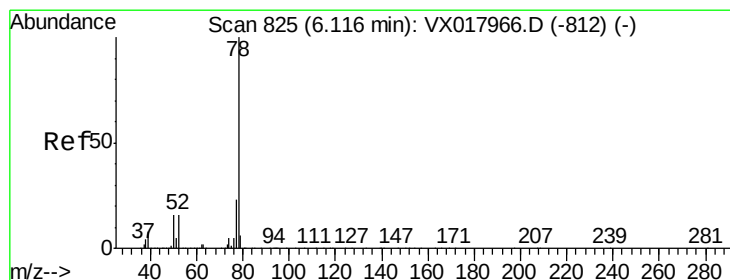
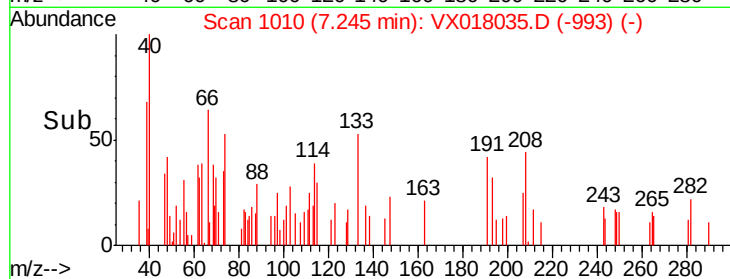
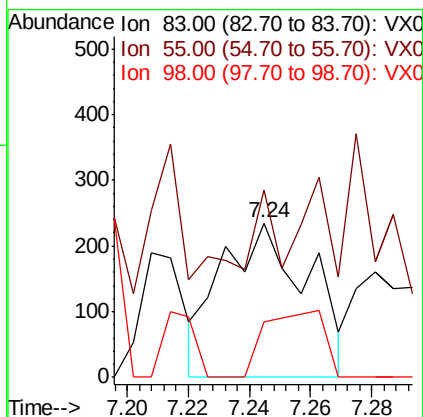
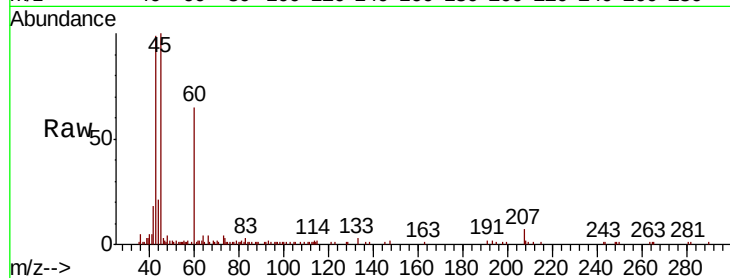




#39  
Methylvlcyclohexane  
Concen: 0.859 ug/l  
RT: 7.24 min Scan# 1010  
Delta R.T. -0.19 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

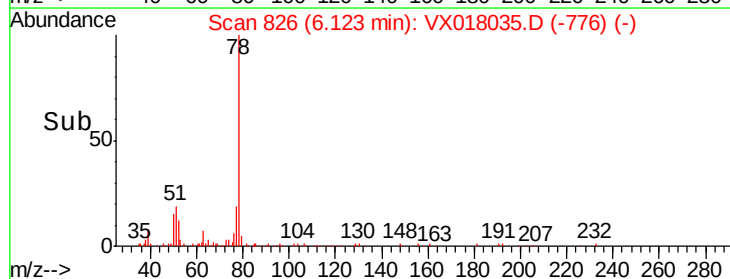
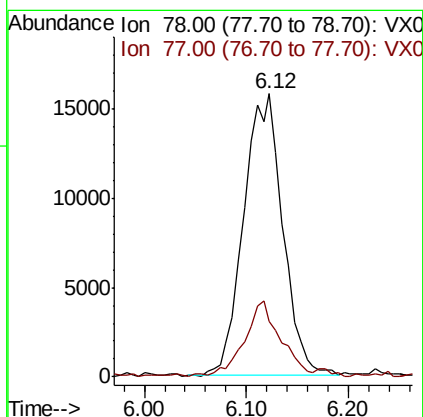
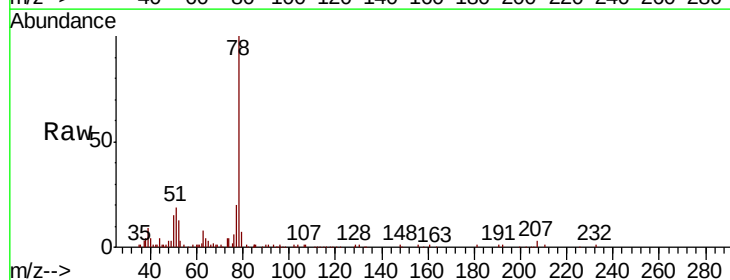
Instrument :  
MSVOA\_X  
ClientSampled :  
I-LGC-6

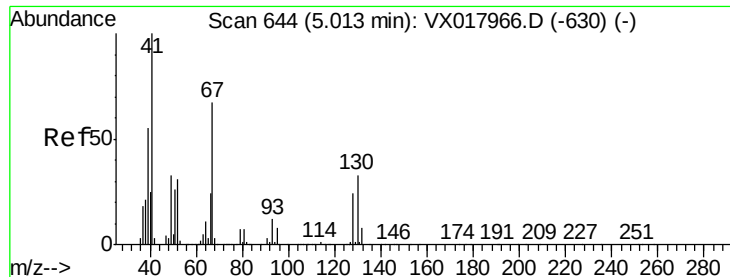
Tot Ion: 83 Resp: 464  
Ion Ratio Lower Upper  
83 100  
55 91.4 64.5 96.7  
98 55.6 39.0 58.6



#40  
Benzene  
Concen: 1.781 ug/l  
RT: 6.12 min Scan# 826  
Delta R.T. 0.01 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 78 Resp: 42061  
Ion Ratio Lower Upper  
78 100  
77 19.7 18.8 28.2





#41

Methacrylonitrile

Concen: 1.898 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.10 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

I-LGC-6

Tot Ion: 41 Resp: 10205

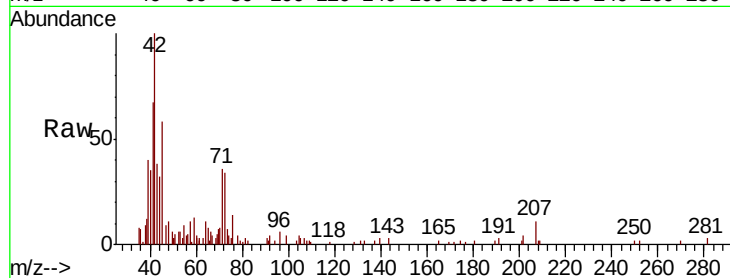
Ion Ratio Lower Upper

41 100

39 32.3 44.8 67.2#

67 2.1 57.5 86.3#

52 6.9 25.6 38.4#

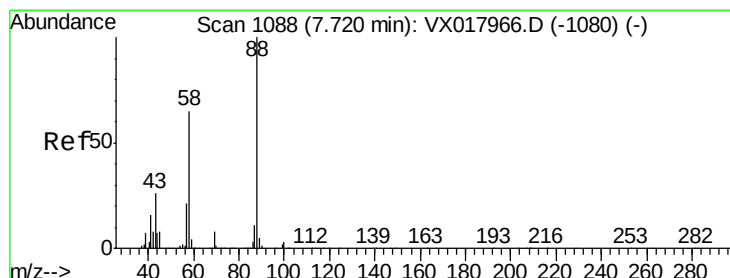
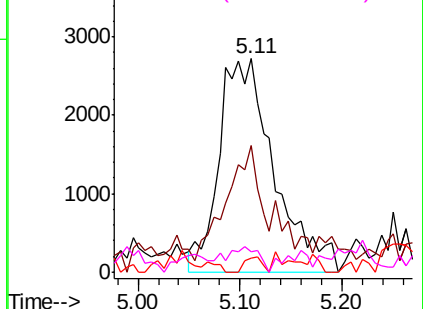
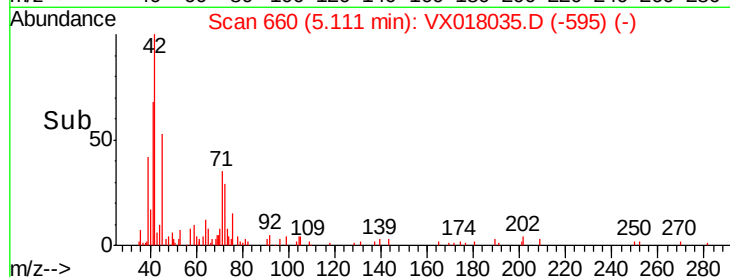


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#49

1,4-Dioxane

Concen: 0.852 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.02 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

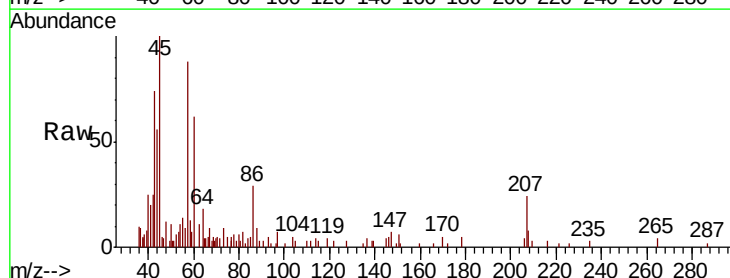
Tgt Ion: 88 Resp: 131

Ion Ratio Lower Upper

88 100

43 593.9 27.3 40.9#

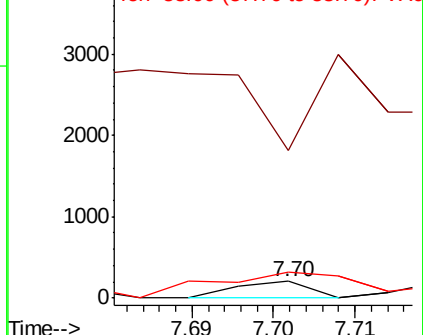
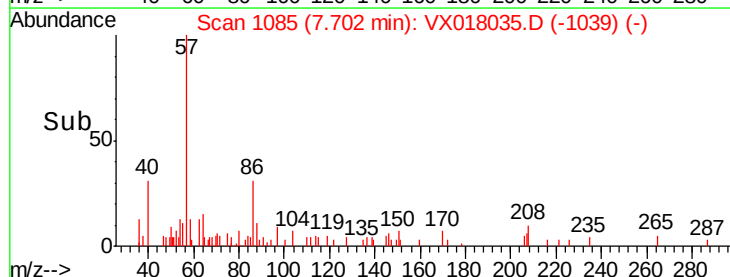
58 296.2 57.7 86.5#

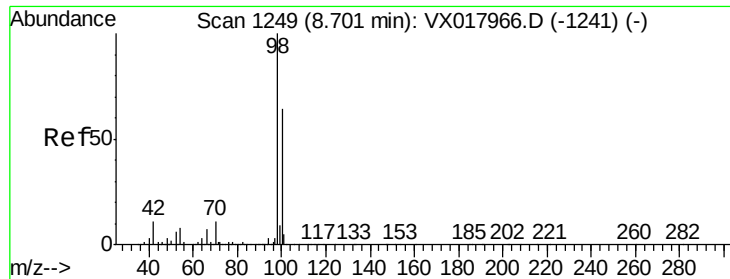


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 46.721 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

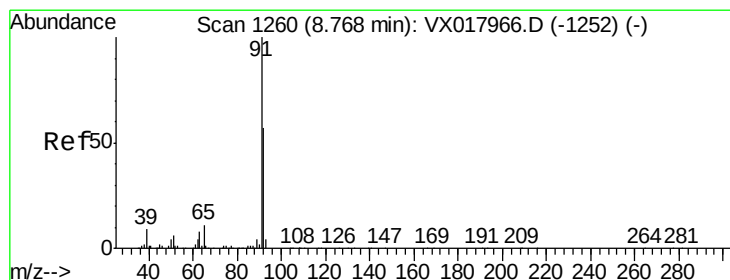
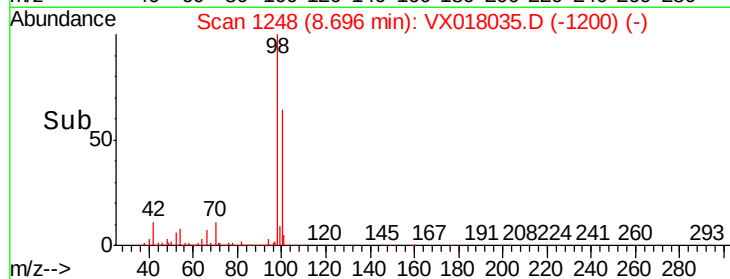
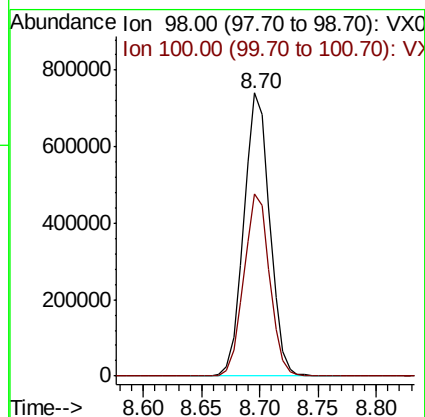
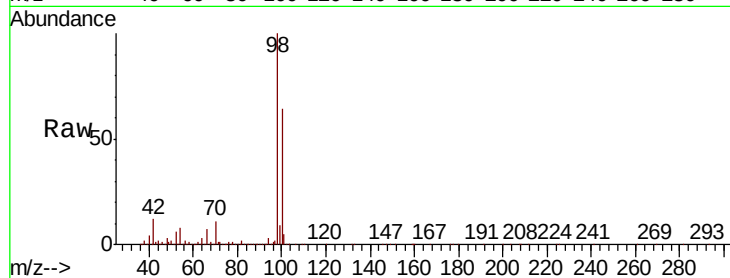
I-LGC-6

Tot Ion: 98 Resp: 1151922

Ion Ratio Lower Upper

98 100

100 64.1 51.4 77.2



#52

Toluene

Concen: 0.285 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018035.D

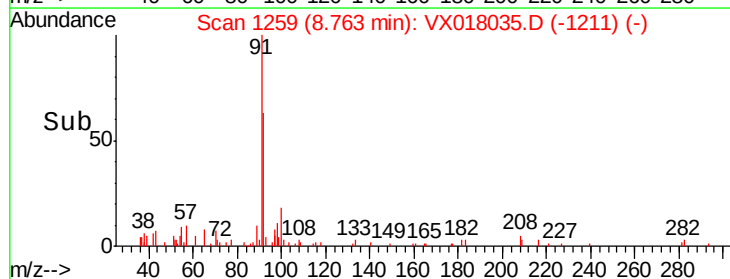
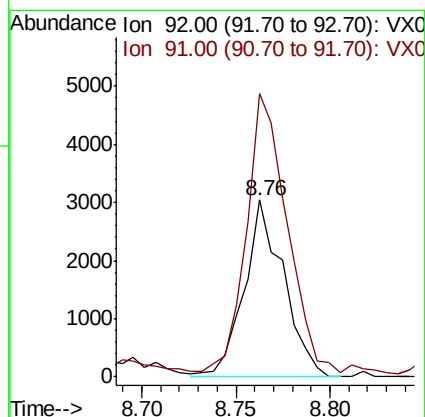
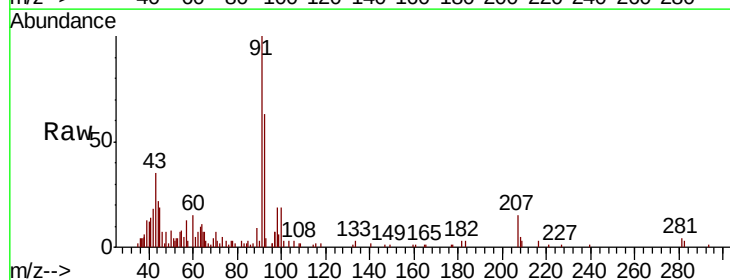
Acq: 20 Aug 2020 15:19

Tgt Ion: 92 Resp: 4397

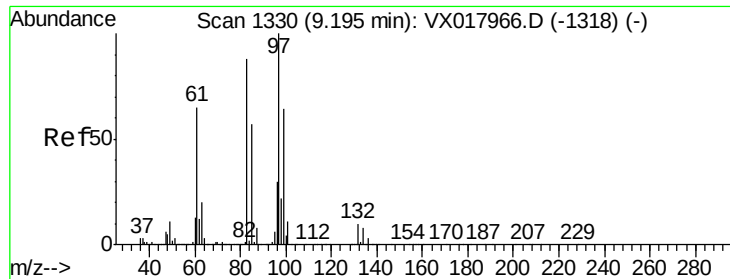
Ion Ratio Lower Upper

92 100

91 163.7 138.4 207.6







#55

1,1,2-Trichloroethane

Concen: 0.395 ug/l

RT: 9.06 min Scan# 1308

Delta R.T. -0.13 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

I-LGC-6

Tot Ion: 97 Resp: 2806

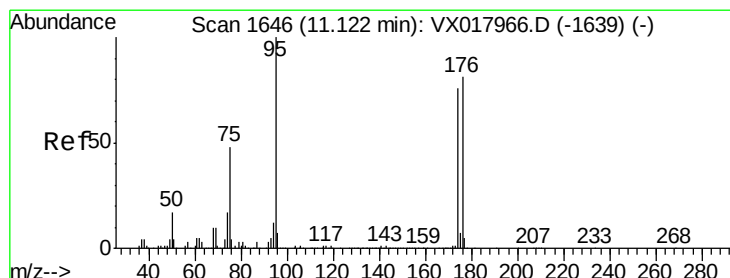
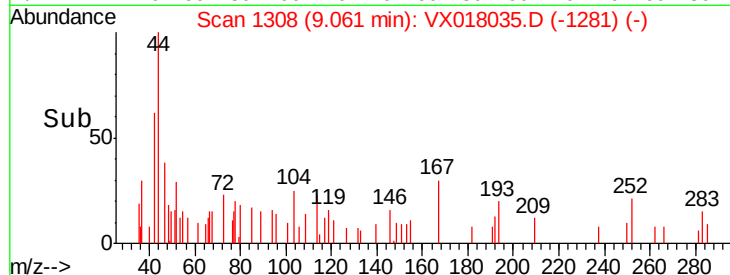
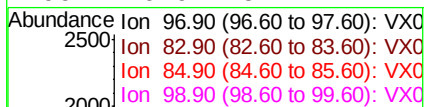
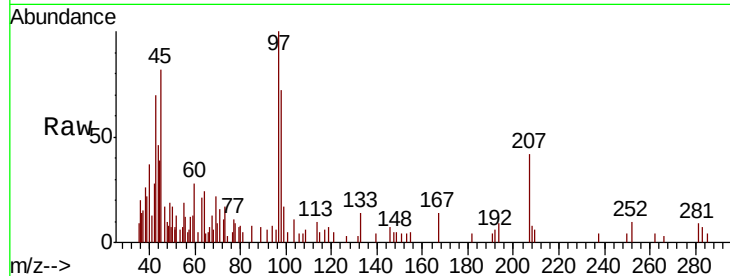
Ion Ratio Lower Upper

97 100

83 0.0 70.1 105.1#

85 7.6 45.8 68.8#

99 16.9 51.4 77.2#



#62

4-Bromofluorobenzene

Concen: 47.749 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

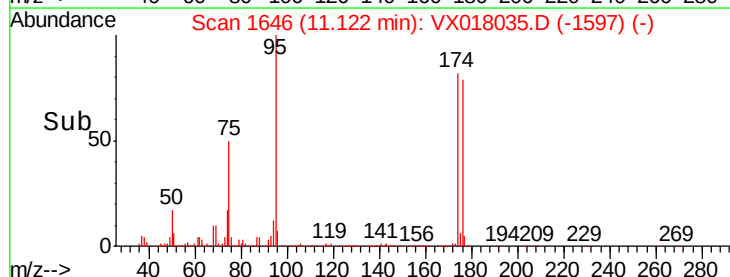
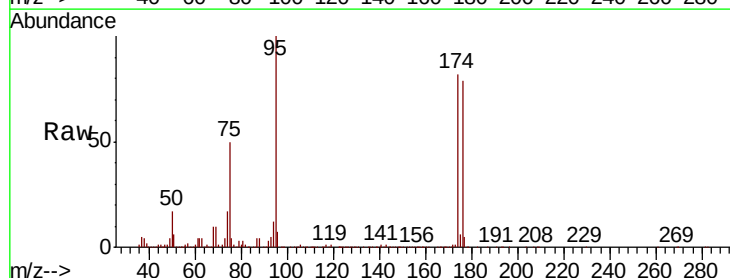
Tgt Ion: 95 Resp: 434814

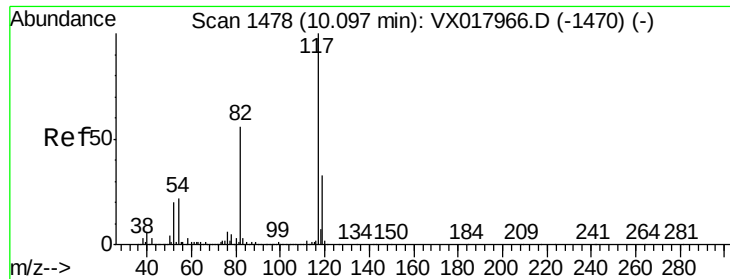
Ion Ratio Lower Upper

95 100

174 79.5 0.0 166.0

176 78.4 0.0 161.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

I-LGC-6

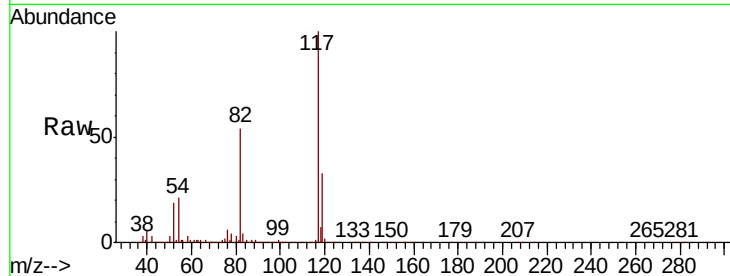
Tot Ion:117 Resp: 882160

Ion Ratio Lower Upper

117 100

82 53.9 44.6 66.8

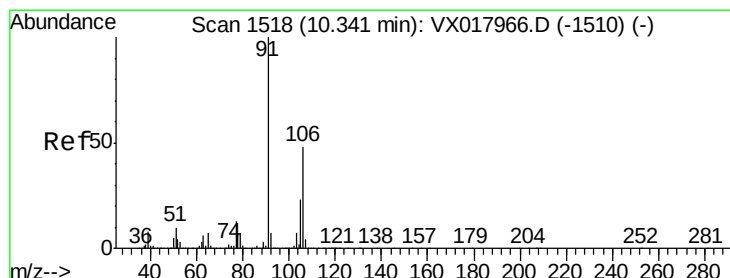
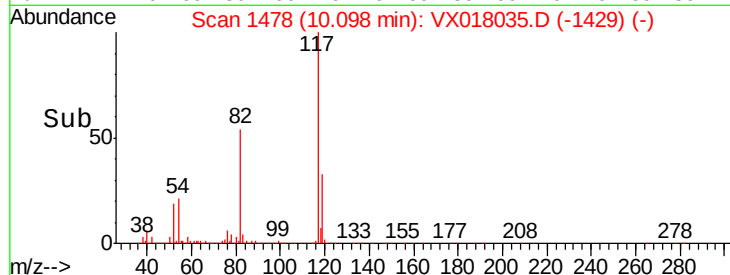
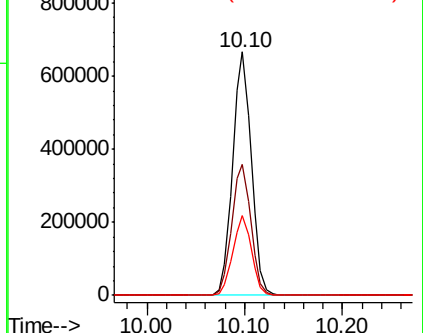
119 32.7 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 0.258 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018035.D

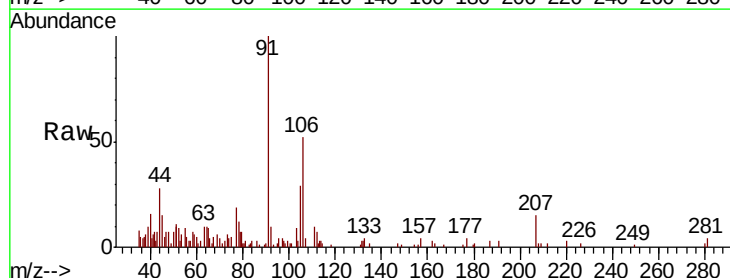
Acq: 20 Aug 2020 15:19

Tgt Ion:106 Resp: 2862

Ion Ratio Lower Upper

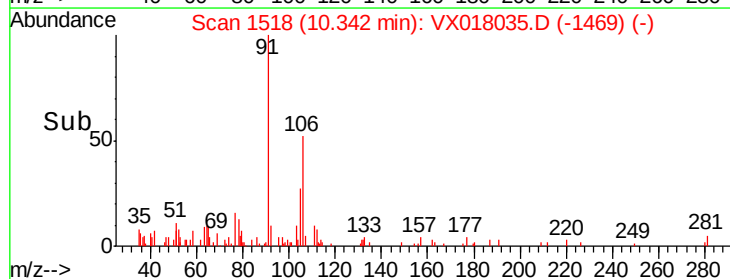
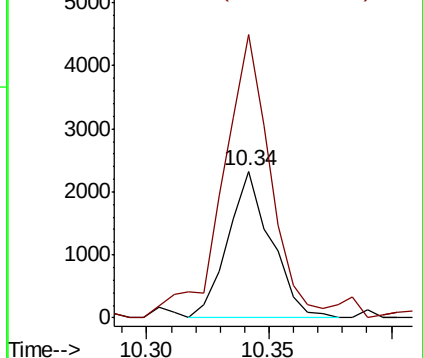
106 100

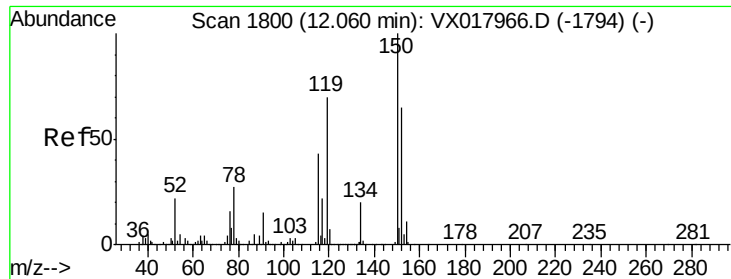
91 209.4 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018035.D

Acq: 20 Aug 2020 15:19

Instrument :

MSVOA\_X

ClientSampleId :

I-LGC-6

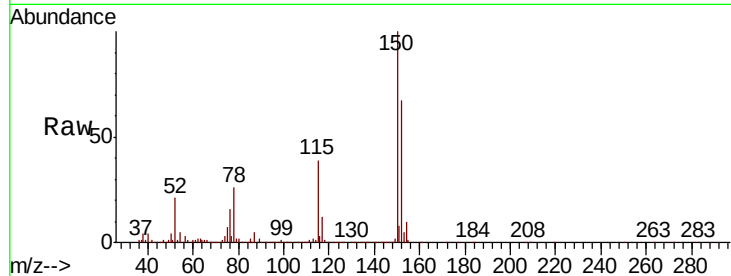
Tot Ion:152 Resp: 452296

Ion Ratio Lower Upper

152 100

115 57.8 40.6 121.7

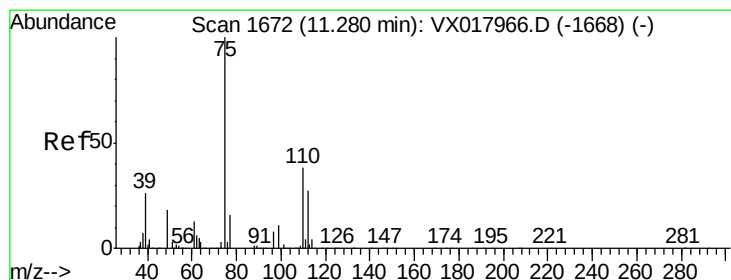
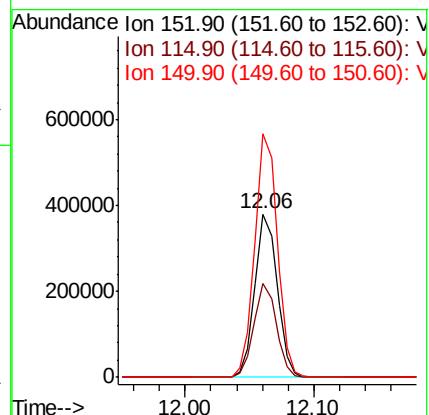
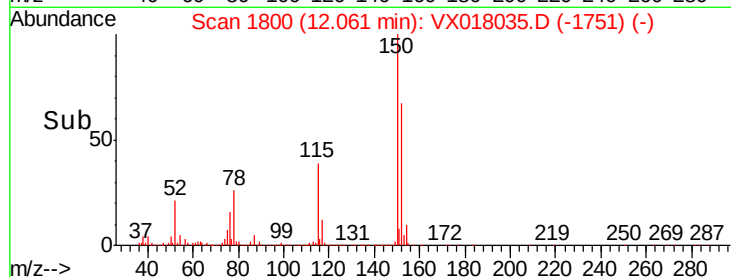
150 150.9 0.0 346.4



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: 22.412 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018035.D

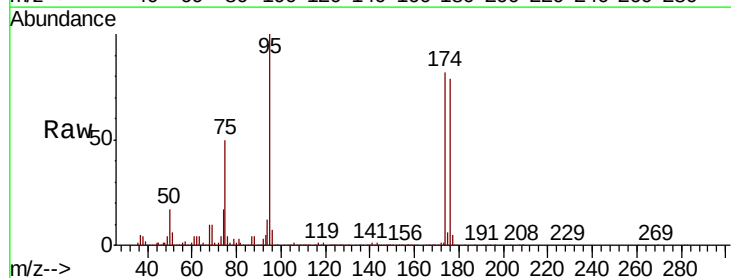
Acq: 20 Aug 2020 15:19

Tgt Ion: 75 Resp: 215574

Ion Ratio Lower Upper

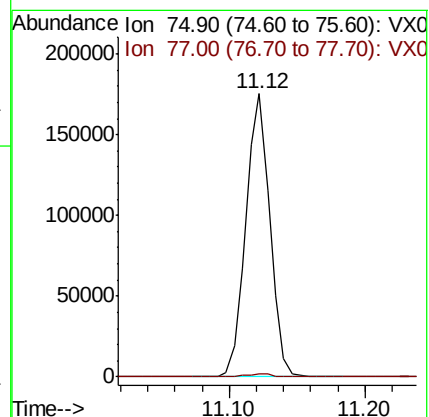
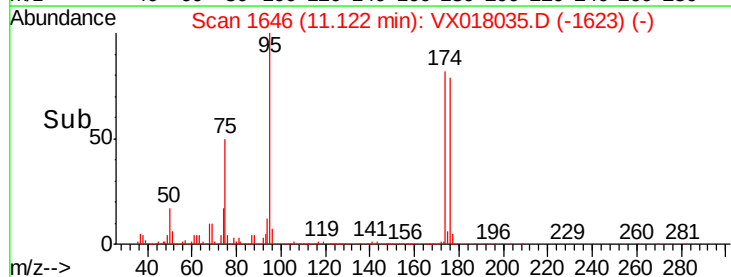
75 100

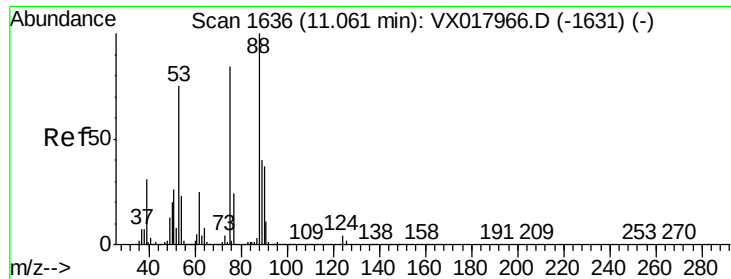
77 1.2 21.1 63.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

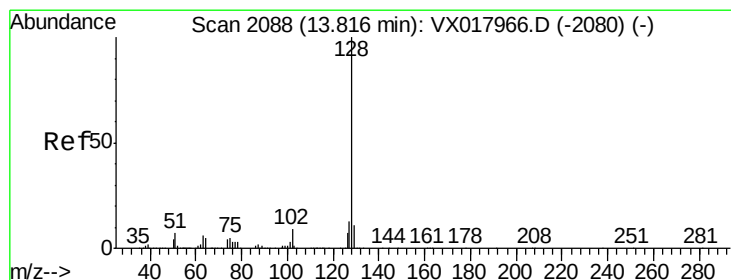
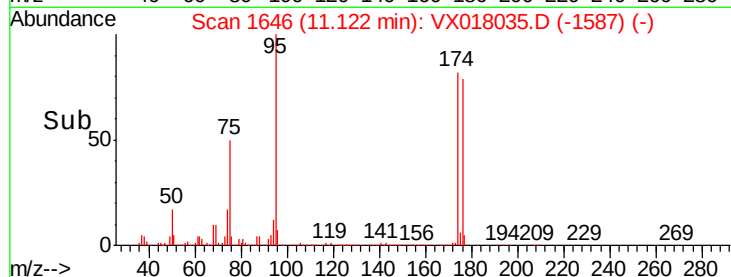
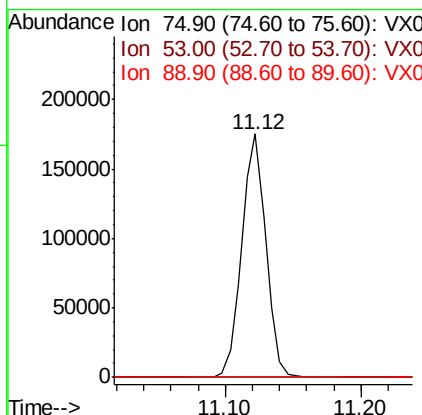
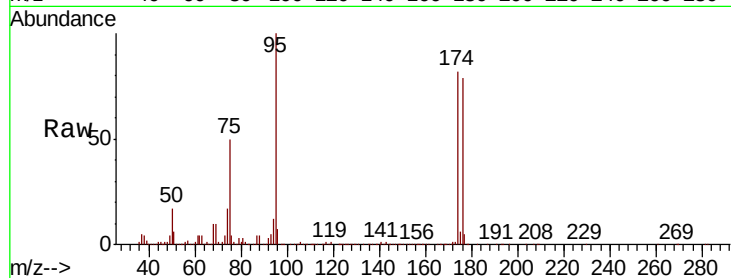




#81  
trans-1,4-Dichloro-2-butene  
Concen: 58.878 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.06 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
I-LGC-6

Tot Ion: 75 Resp: 215574  
Ion Ratio Lower Upper  
75 100  
53 0.5 75.2 112.8#  
89 0.0 38.4 57.6#



#95  
Naphthalene  
Concen: 4.380 ug/l  
RT: 13.82 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: VX018035.D  
Acq: 20 Aug 2020 15:19

Tgt Ion: 128 Resp: 123423  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.7 16.1  
129 10.8 8.6 13.0

