

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\  
 Data File : VX016679.D  
 Acq On : 10 Jun 2020 16:54  
 Operator : JC/SP  
 Sample : L2963-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014MW009-200609

Quant Time: Jun 11 03:36:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 27 16:31:05 2020  
 Response via : Initial Calibration

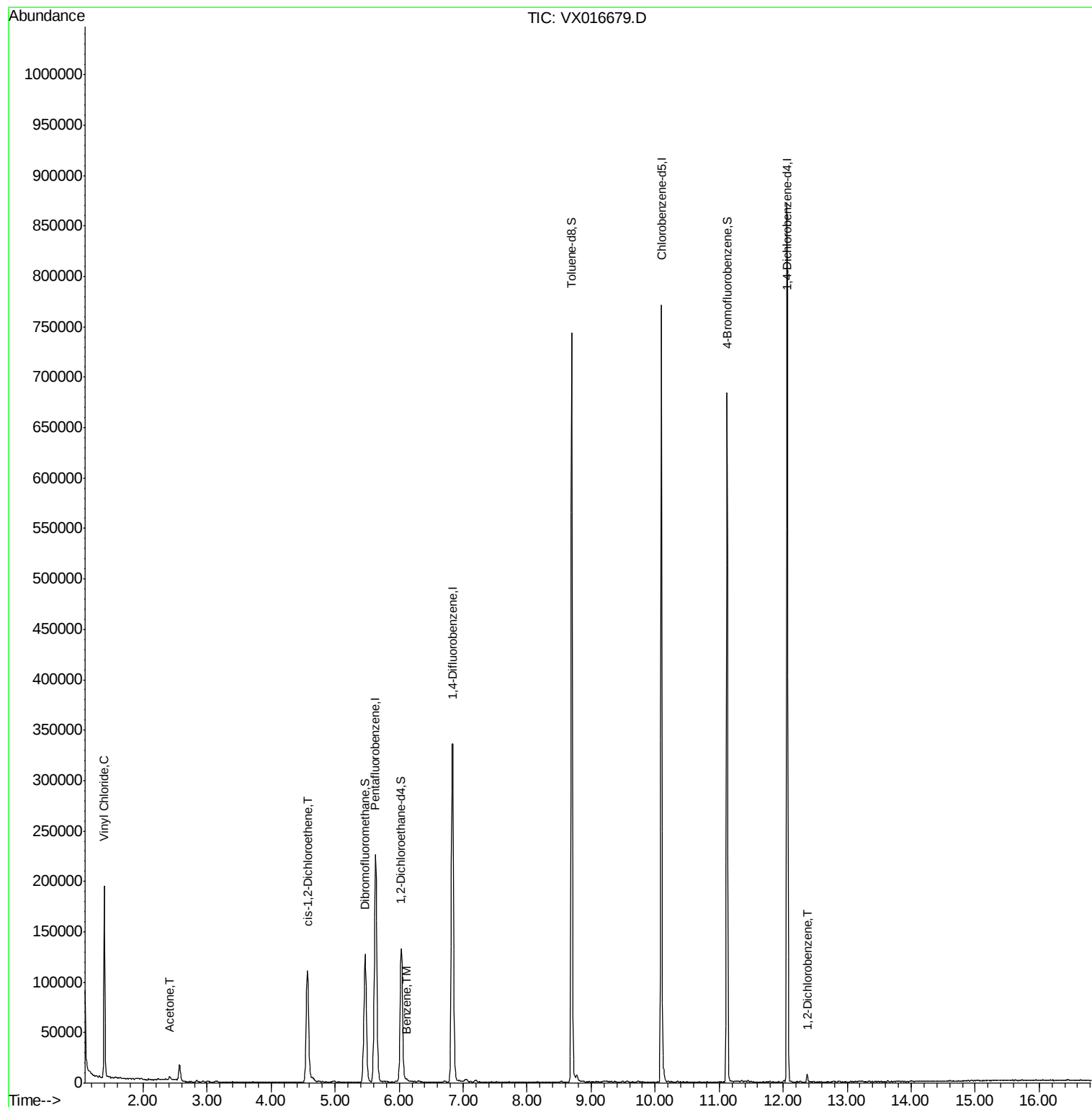
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 223198   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 353451   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 361533   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 187634   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 131840   | 47.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 95.12%  |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 109958   | 50.52  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.04% |          |
| 50) Toluene-d8              | 8.70  | 98   | 439087   | 51.84  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.68% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 177452   | 54.21  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 108.42% |          |
| Target Compounds            |       |      |          |        |         |          |
| 4) Vinyl Chloride           | 1.39  | 62   | 112026   | 39.908 | ug/l    | 98       |
| 16) Acetone                 | 2.42  | 43   | 3362     | 2.768  | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene  | 4.57  | 96   | 72417    | 26.351 | ug/l    | 89       |
| 40) Benzene                 | 6.12  | 78   | 2657     | 0.267  | ug/l    | 90       |
| 91) 1,2-Dichlorobenzene     | 12.38 | 146  | 2370     | 0.414  | ug/l    | 99       |

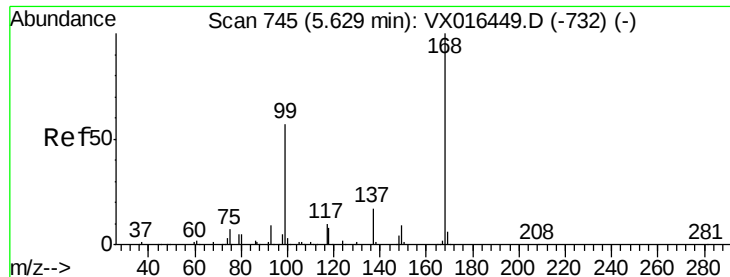
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061020\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052720W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 27 16:31:05 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

Instrument :

MSVOA\_X

ClientSampleId :

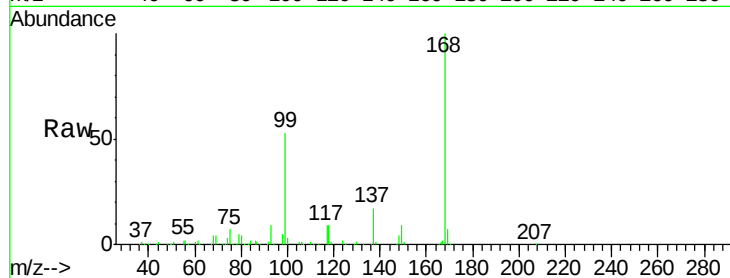
LF014MW009-200609

Tot Ion:168 Resp: 223198

Ion Ratio Lower Upper

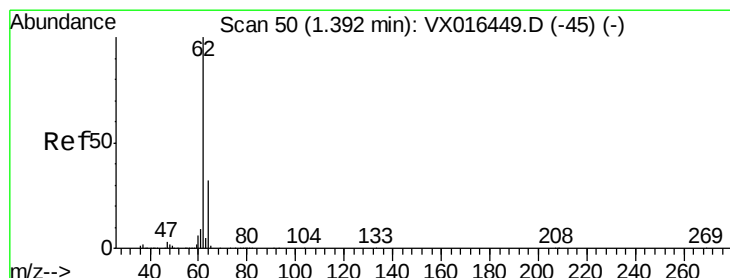
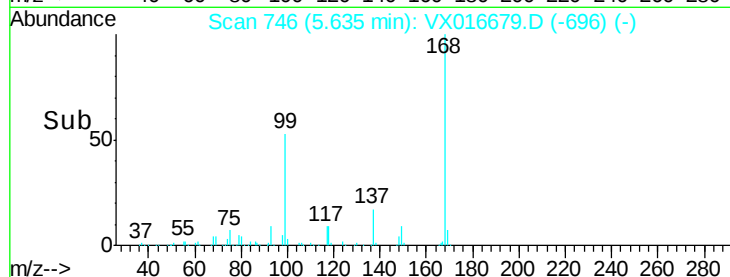
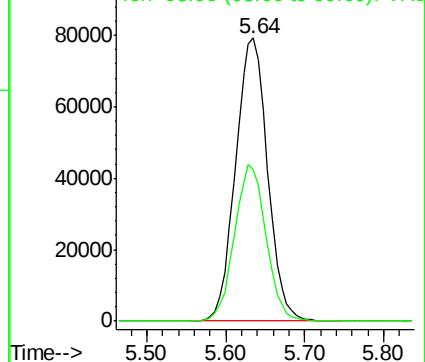
168 100

99 53.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 39.908 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016679.D

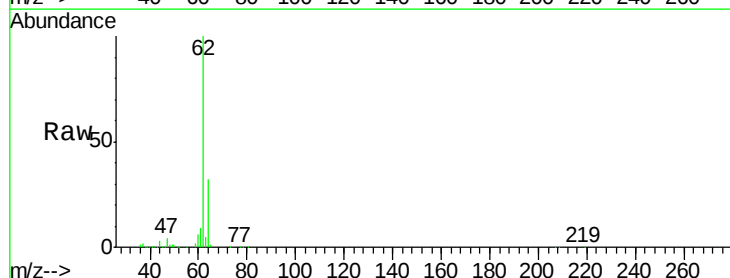
Acq: 10 Jun 2020 16:54

Tgt Ion: 62 Resp: 112026

Ion Ratio Lower Upper

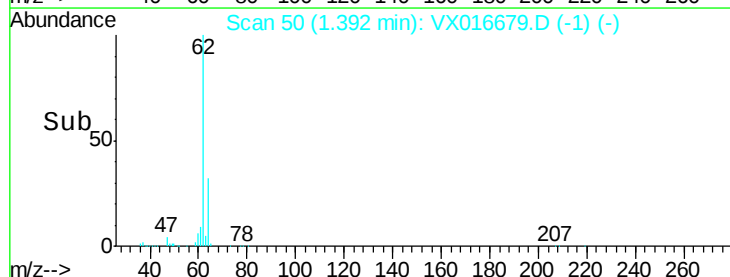
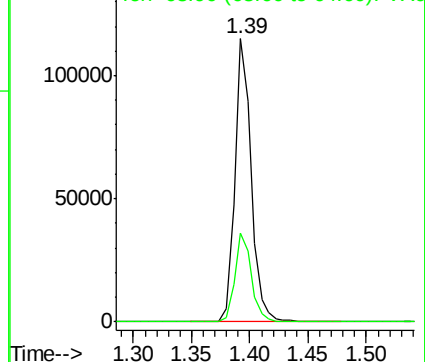
62 100

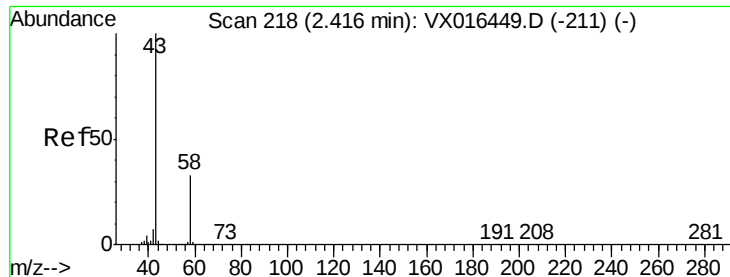
64 31.6 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.768 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

Instrument :

MSVOA\_X

ClientSampleId :

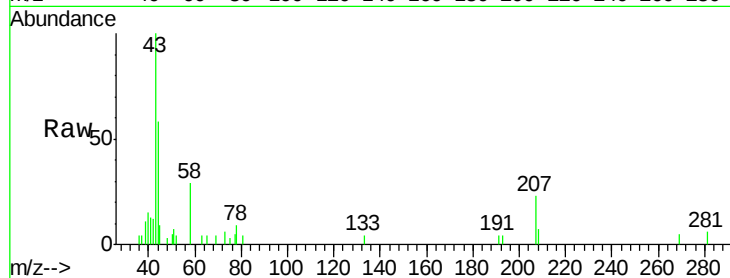
LF014MW009-200609

Tot Ion: 43 Resp: 3362

Ion Ratio Lower Upper

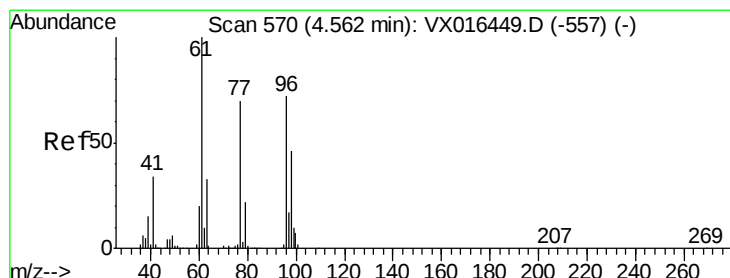
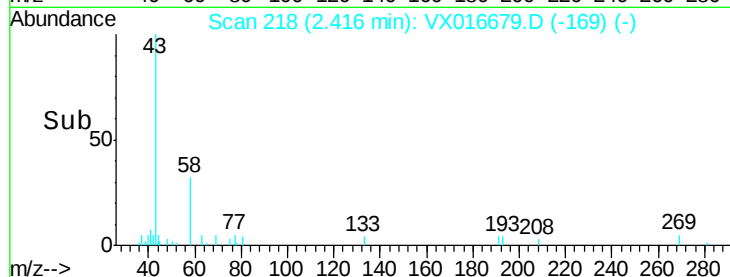
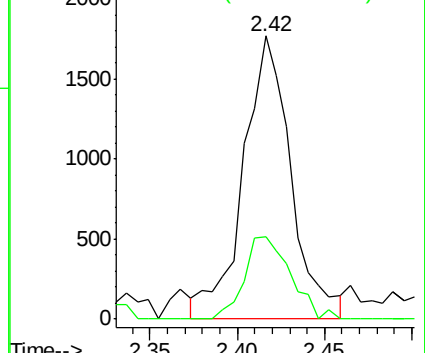
43 100

58 31.7 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 26.351 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

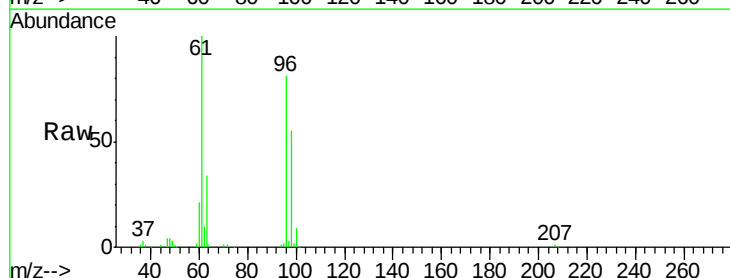
Tgt Ion: 96 Resp: 72417

Ion Ratio Lower Upper

96 100

61 124.4 0.0 284.6

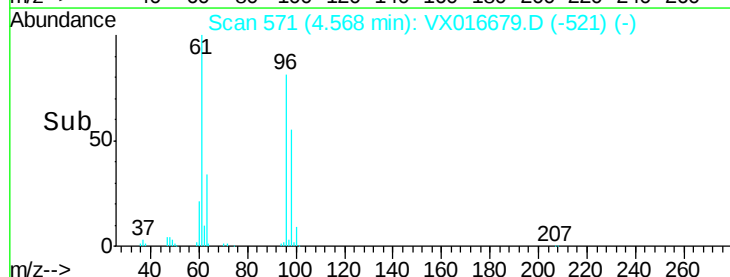
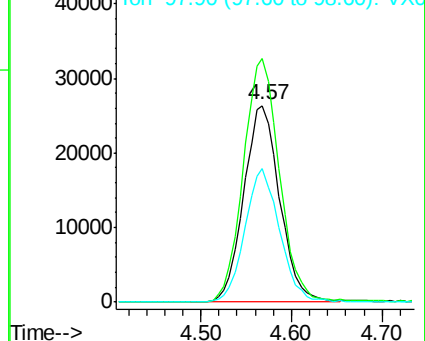
98 65.5 0.0 127.2

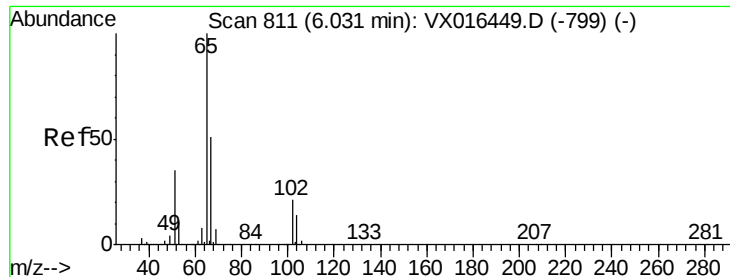


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

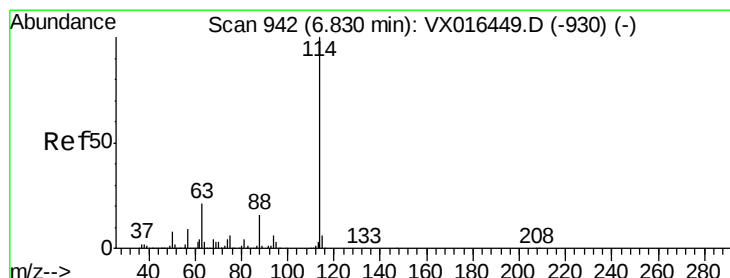
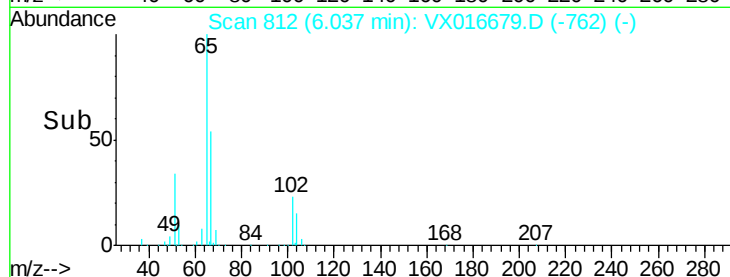
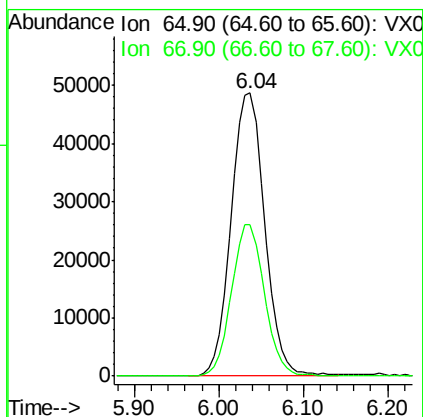
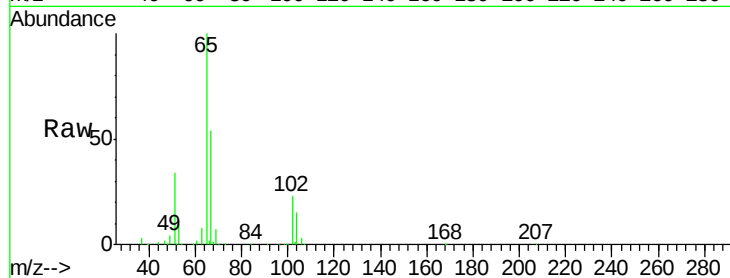




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.564 ug/l  
 RT: 6.04 min Scan# 812  
 Delta R.T. 0.01 min  
 Lab File: VX016679.D  
 Acq: 10 Jun 2020 16:54

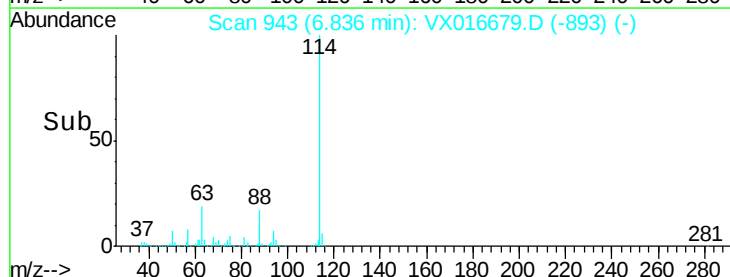
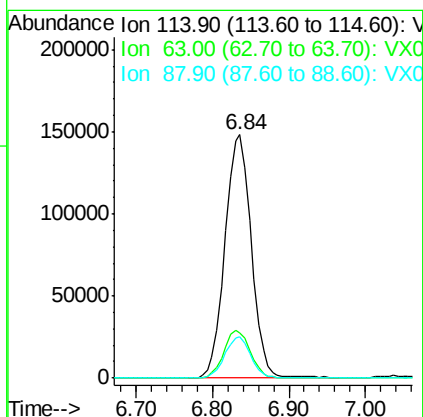
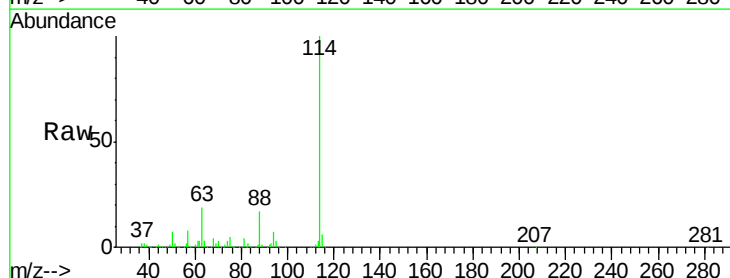
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF014MW009-200609

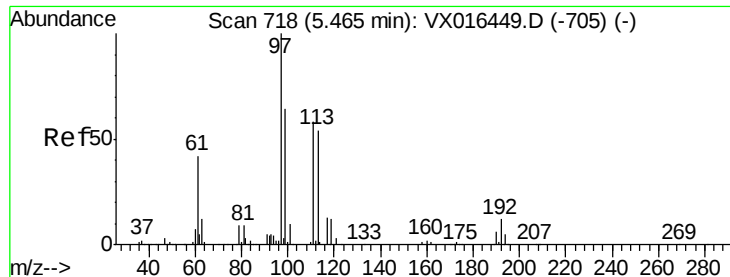
Tot Ion: 65 Resp: 131840  
 Ion Ratio Lower Upper  
 65 100  
 67 52.5 0.0 104.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.84 min Scan# 943  
 Delta R.T. 0.01 min  
 Lab File: VX016679.D  
 Acq: 10 Jun 2020 16:54

Tgt Ion: 114 Resp: 353451  
 Ion Ratio Lower Upper  
 114 100  
 63 18.8 0.0 42.6  
 88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.524 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

Instrument :

MSVOA\_X

ClientSampleId :

LF014MW009-200609

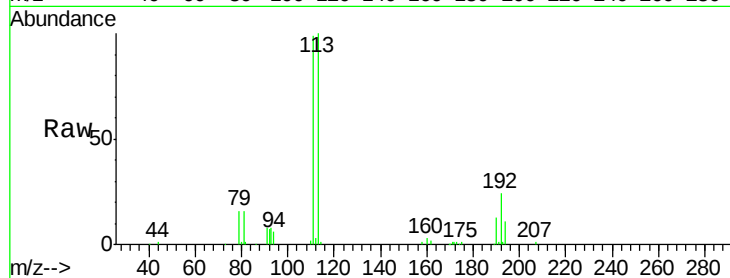
Tot Ion:113 Resp: 109958

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.6

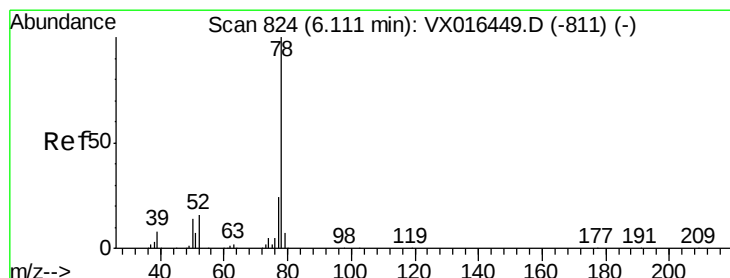
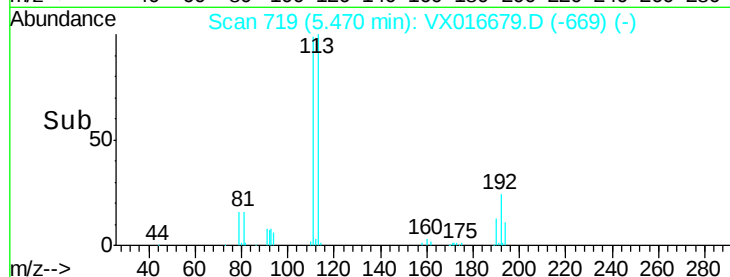
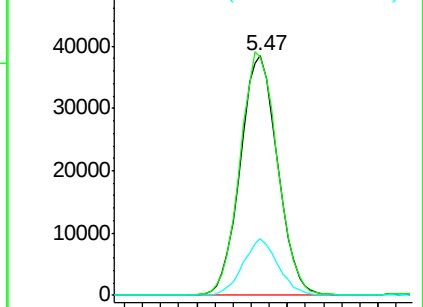
192 22.2 17.7 26.5



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



#40

Benzene

Concen: 0.267 ug/l

RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

Lab File: VX016679.D

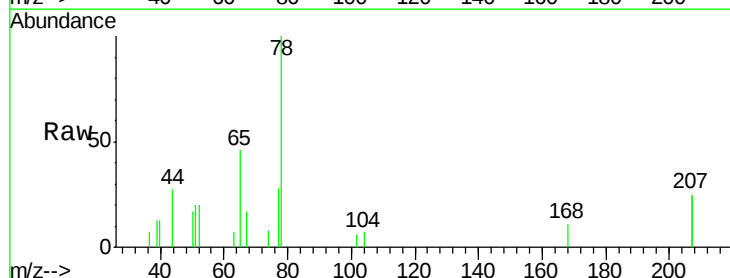
Acq: 10 Jun 2020 16:54

Tgt Ion: 78 Resp: 2657

Ion Ratio Lower Upper

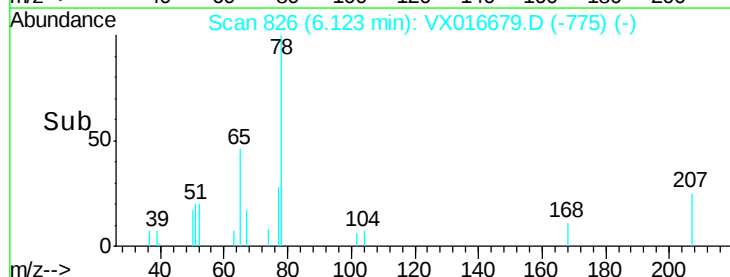
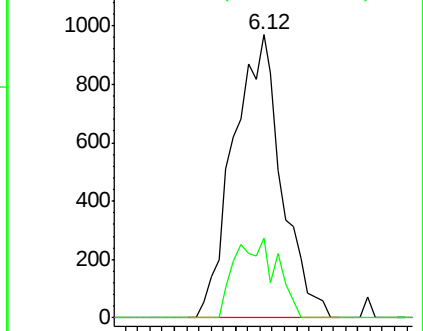
78 100

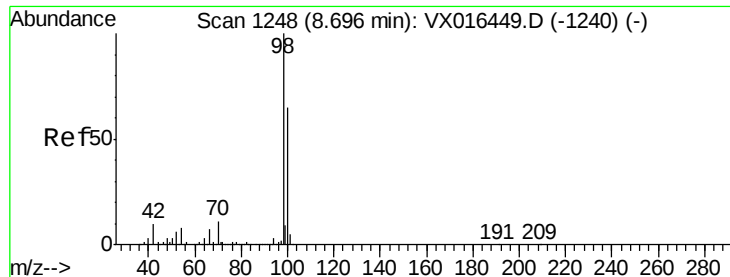
77 28.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.835 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

Instrument :

MSVOA\_X

ClientSampleId :

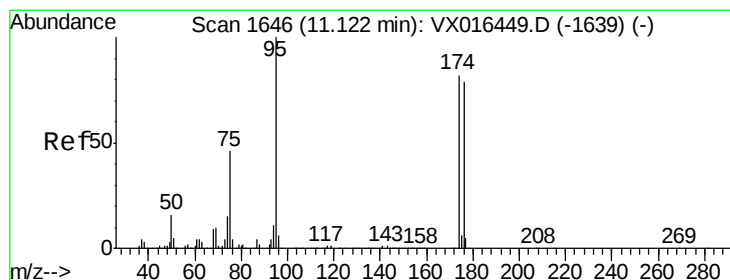
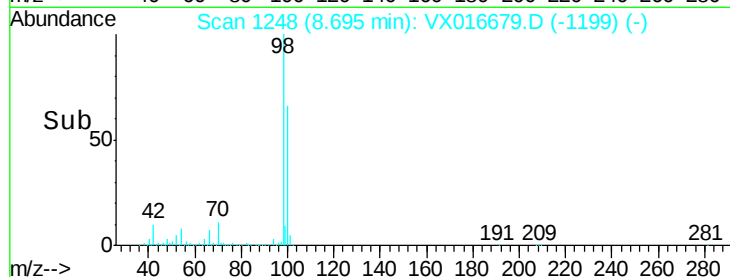
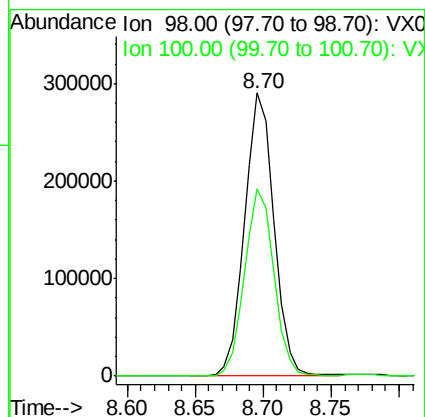
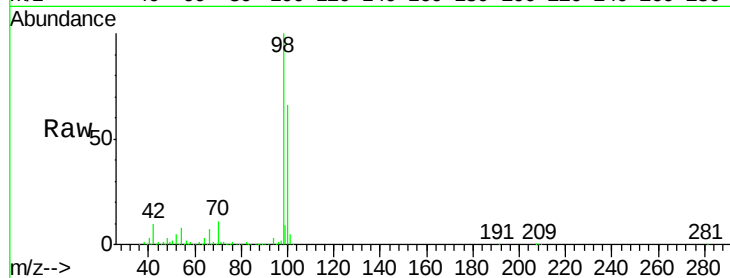
LF014MW009-200609

Tot Ion: 98 Resp: 439087

Ion Ratio Lower Upper

98 100

100 66.2 53.8 80.6



#62

4-Bromofluorobenzene

Concen: 54.215 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

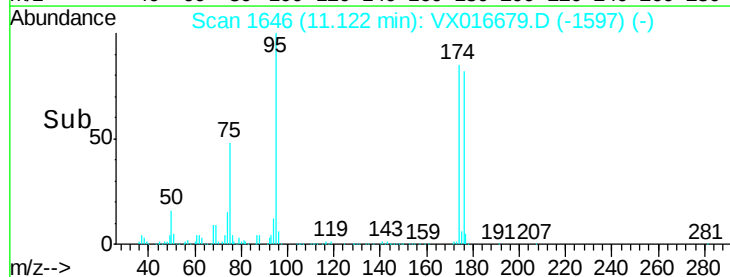
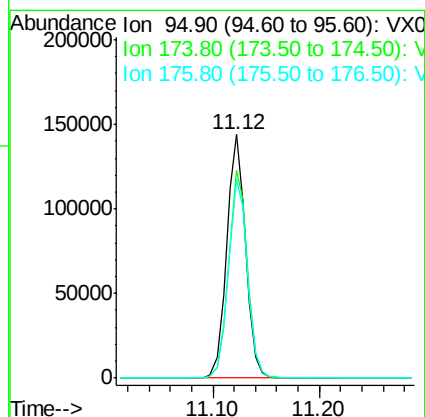
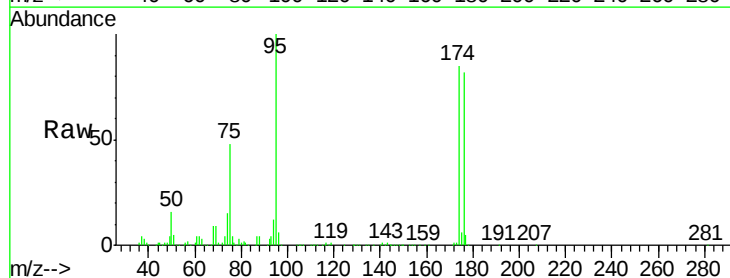
Tgt Ion: 95 Resp: 177452

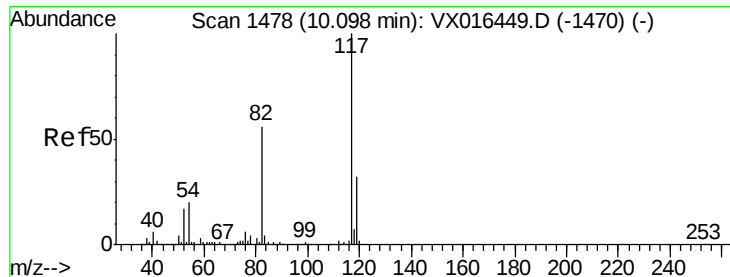
Ion Ratio Lower Upper

95 100

174 86.0 0.0 163.0

176 82.8 0.0 156.8

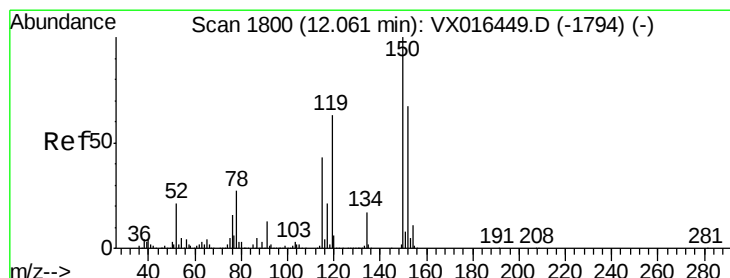
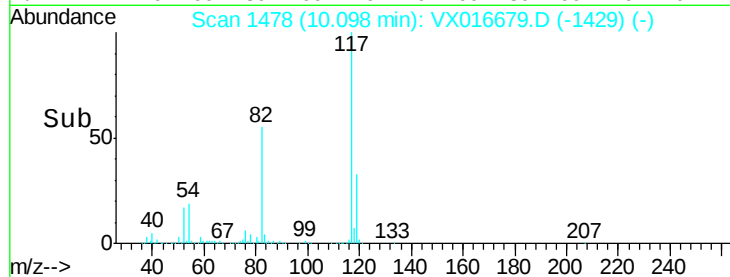
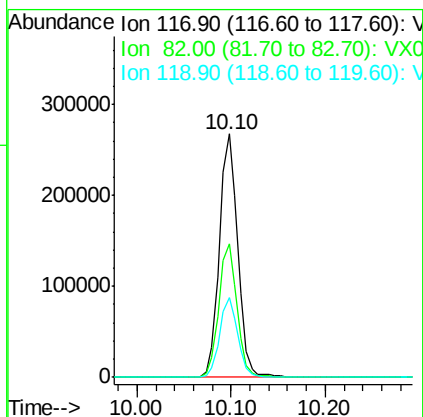
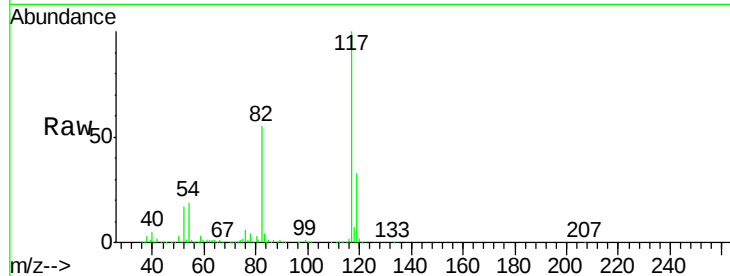




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016679.D  
Acq: 10 Jun 2020 16:54

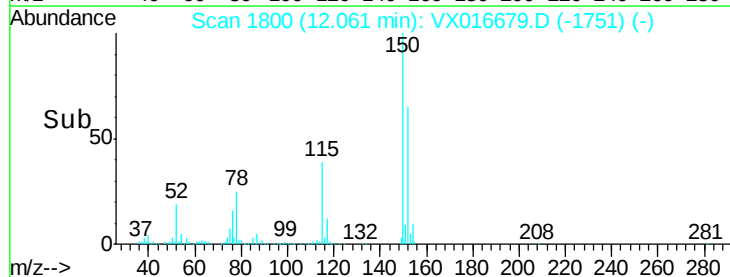
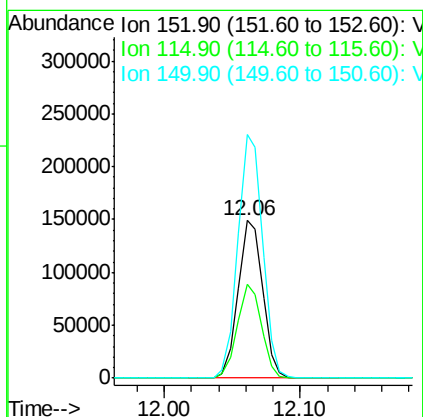
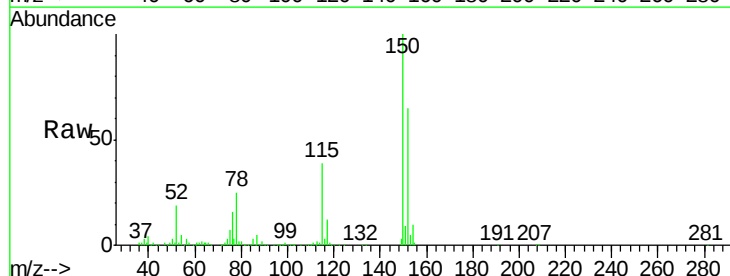
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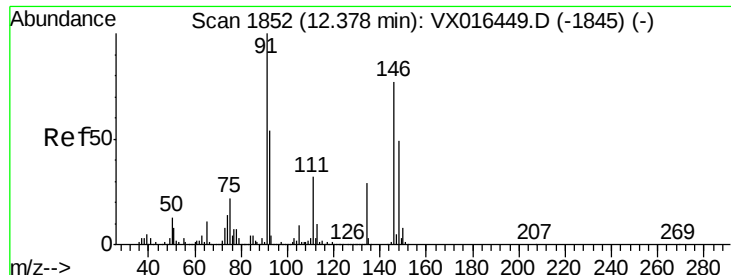
Tot Ion:117 Resp: 361533  
Ion Ratio Lower Upper  
117 100  
82 54.8 45.0 67.6  
119 32.5 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.06 min Scan# 1800  
Delta R.T. -0.00 min  
Lab File: VX016679.D  
Acq: 10 Jun 2020 16:54

Tgt Ion:152 Resp: 187634  
Ion Ratio Lower Upper  
152 100  
115 58.4 39.9 119.6  
150 155.4 0.0 341.0





#91

1,2-Dichlorobenzene

Concen: 0.414 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016679.D

Acq: 10 Jun 2020 16:54

Instrument :

MSVOA\_X

ClientSampleId :

LF014MW009-200609

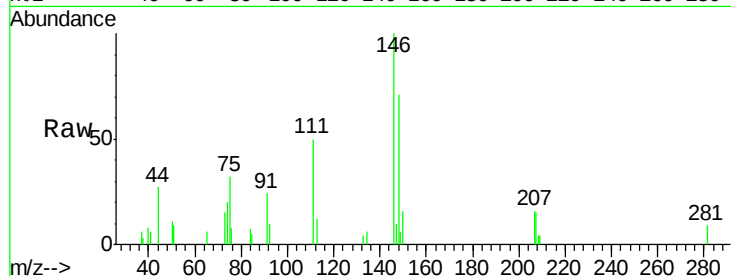
Tot Ion:146 Resp: 2370

Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.3

148 63.2 31.9 95.7



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

