

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\  
 Data File : VX016590.D  
 Acq On : 04 Jun 2020 18:38  
 Operator : JC/SP  
 Sample : L2894-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LF012RW160-200602

Quant Time: Jun 05 07:41:20 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

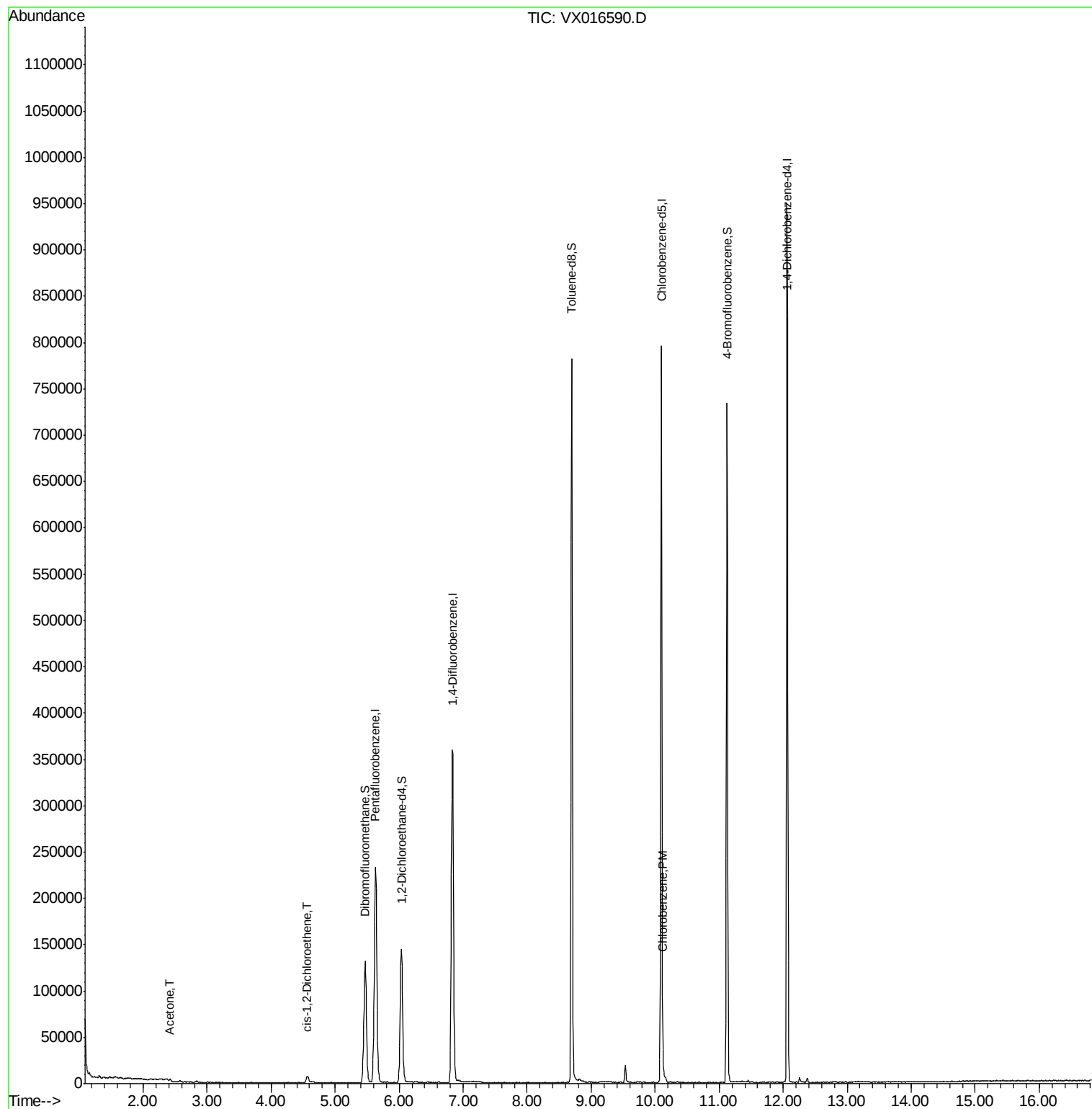
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 234680   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 372419   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 376533   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 201263   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 139101   | 47.73 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.46%  |          |
| 35) Dibromofluoromethane    | 5.46  | 113  | 112506   | 49.06 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.12%  |          |
| 50) Toluene-d8              | 8.70  | 98   | 462893   | 51.86 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.72% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 192032   | 55.68 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 111.36% |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.42  | 43   | 3354     | 2.627 | ug/l    | 98       |
| 27) cis-1,2-Dichloroethene  | 4.56  | 96   | 4711     | 1.630 | ug/l    | 71       |
| 65) Chlorobenzene           | 10.12 | 112  | 5718     | 0.745 | ug/l    | 98       |

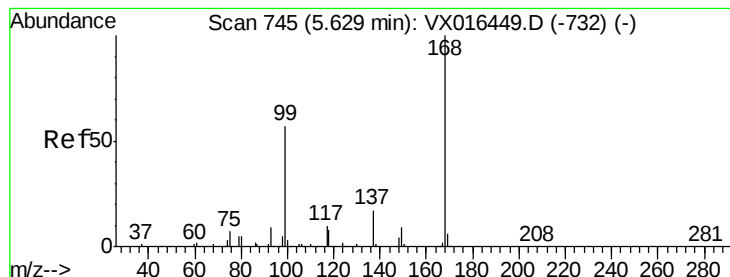
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060420\  
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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: VX016590.D

Acq: 04 Jun 2020 18:38

Instrument :

MSVOA\_X

ClientSampleId :

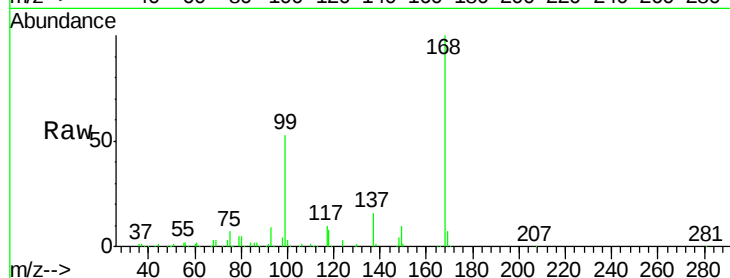
LF012RW160-200602

Tot Ion:168 Resp: 234680

Ion Ratio Lower Upper

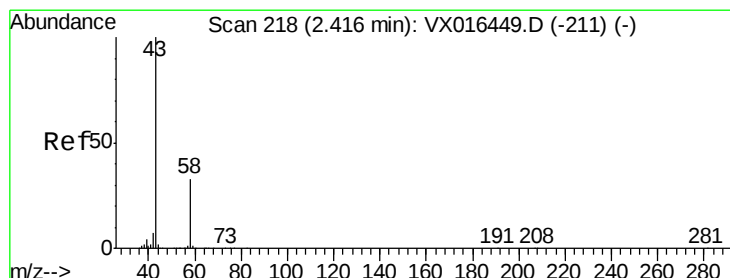
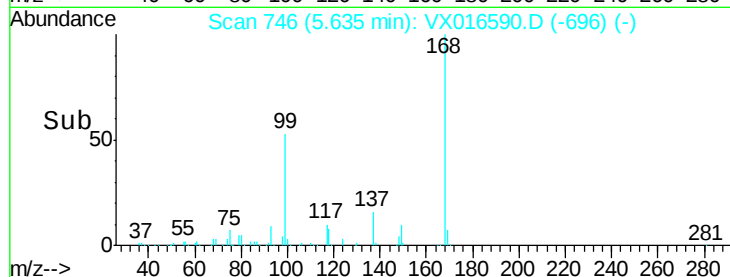
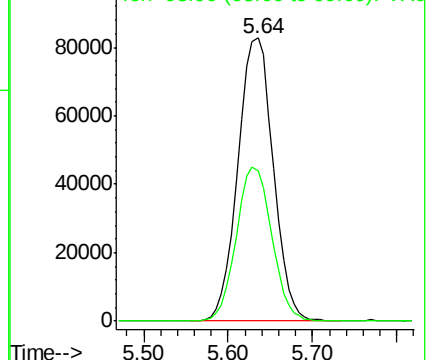
168 100

99 53.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.627 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016590.D

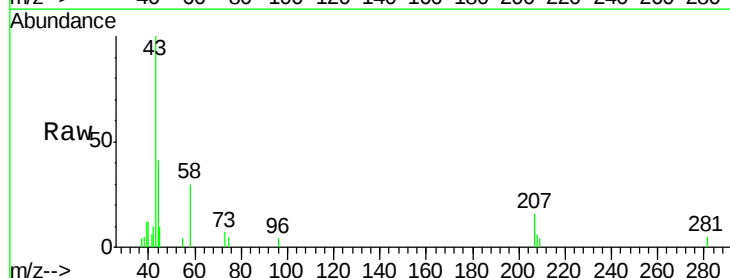
Acq: 04 Jun 2020 18:38

Tgt Ion: 43 Resp: 3354

Ion Ratio Lower Upper

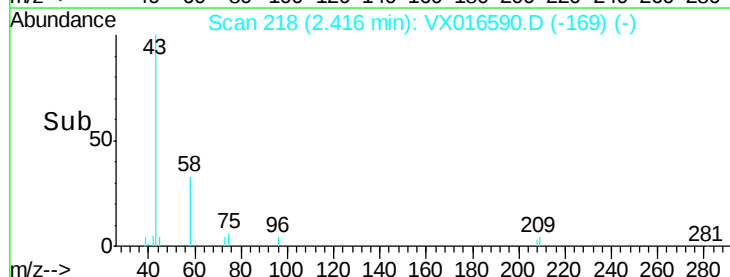
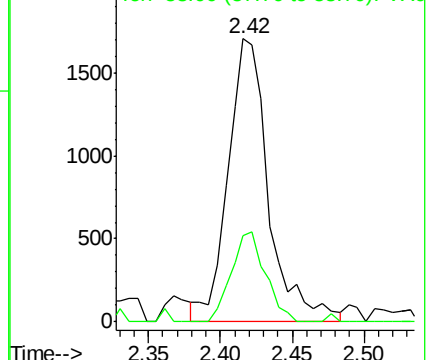
43 100

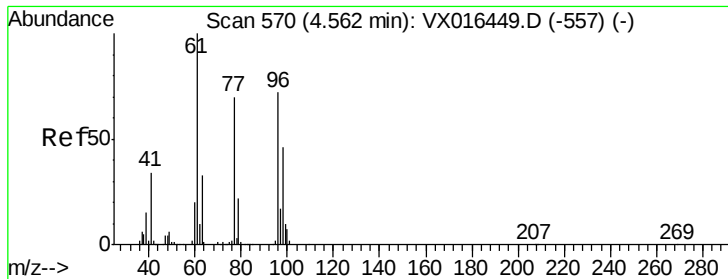
58 31.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



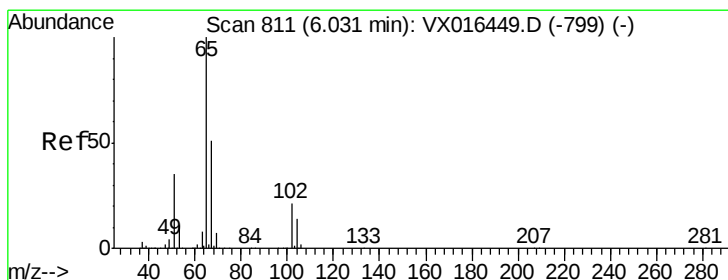
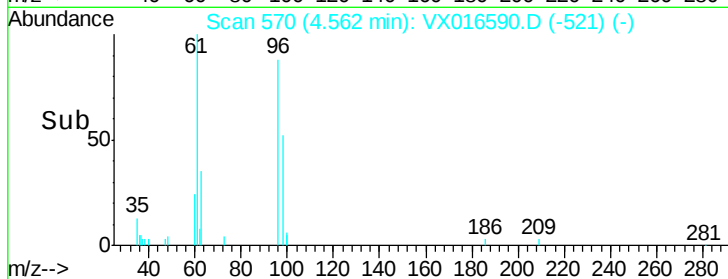
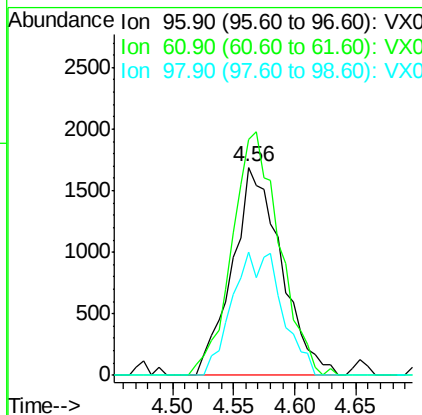
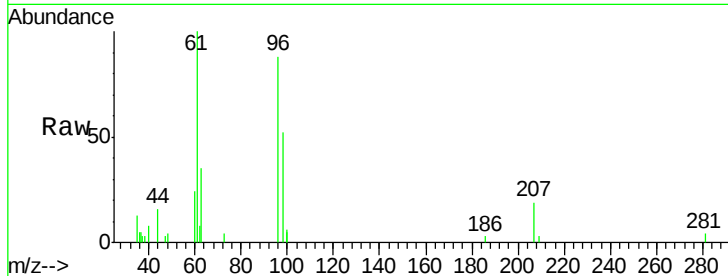


#27

cis-1,2-Dichloroethene  
Concen: 1.630 ug/l  
RT: 4.56 min Scan# 570  
Delta R.T. -0.00 min  
Lab File: VX016590.D  
Acq: 04 Jun 2020 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF012RW160-200602

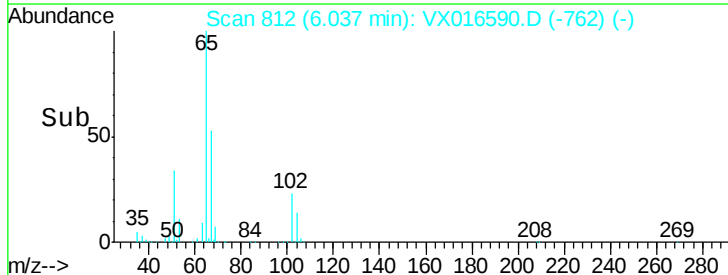
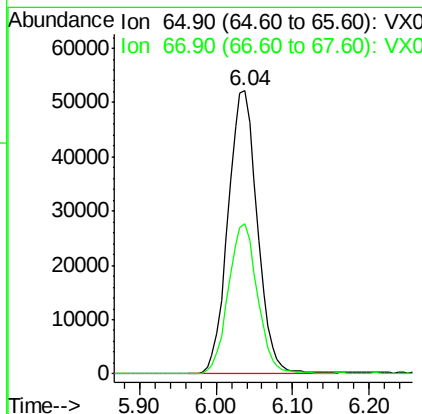
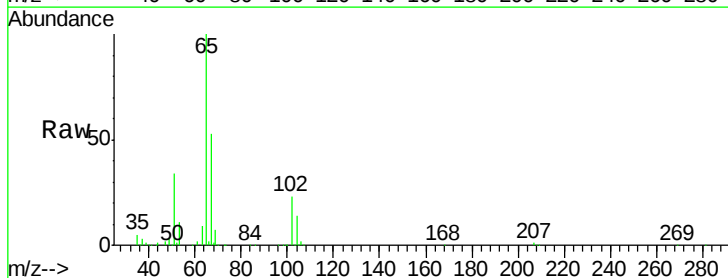
Tot Ion: 96 Resp: 4711  
Ion Ratio Lower Upper  
96 100  
61 113.0 0.0 284.6  
98 31.4 0.0 127.2

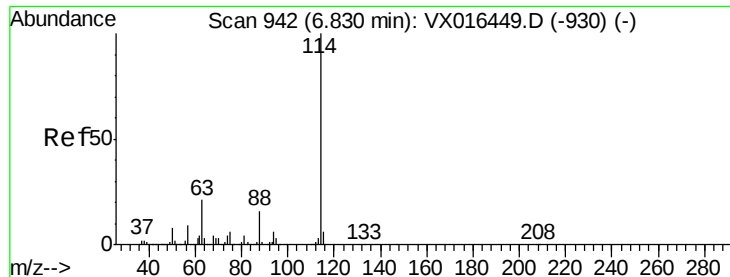


#33

1,2-Dichloroethane-d4  
Concen: 47.728 ug/l  
RT: 6.04 min Scan# 812  
Delta R.T. 0.01 min  
Lab File: VX016590.D  
Acq: 04 Jun 2020 18:38

Tgt Ion: 65 Resp: 139101  
Ion Ratio Lower Upper  
65 100  
67 52.6 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: VX016590.D

Acq: 04 Jun 2020 18:38

Instrument :

MSVOA\_X

ClientSampleId :

LF012RW160-200602

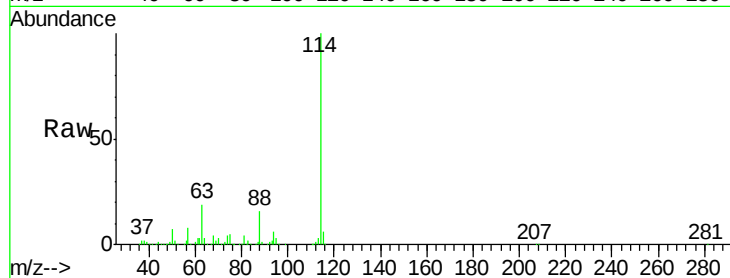
Tot Ion:114 Resp: 372419

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

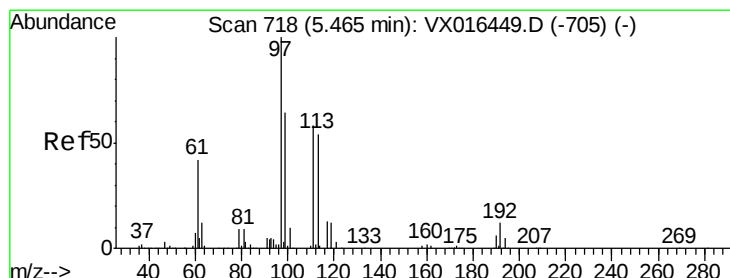
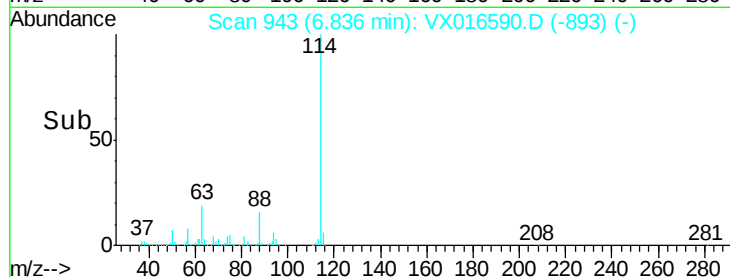
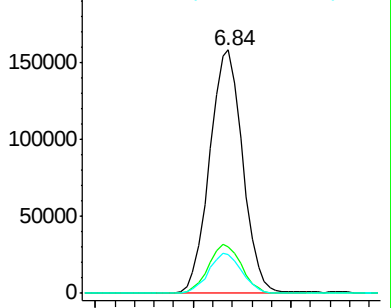
88 15.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.062 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016590.D

Acq: 04 Jun 2020 18:38

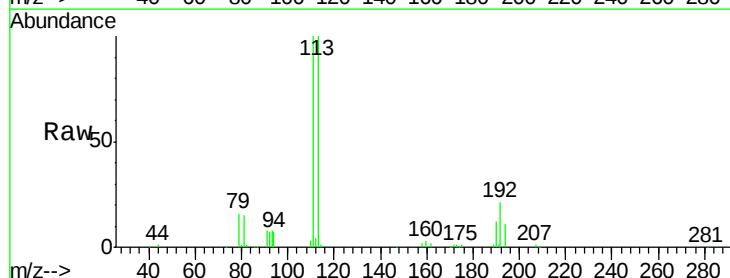
Tgt Ion:113 Resp: 112506

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

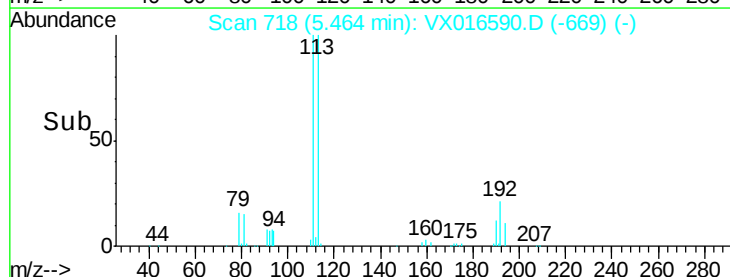
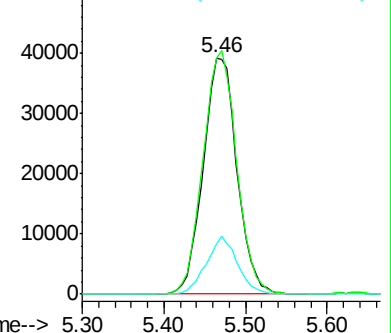
192 22.4 17.7 26.5

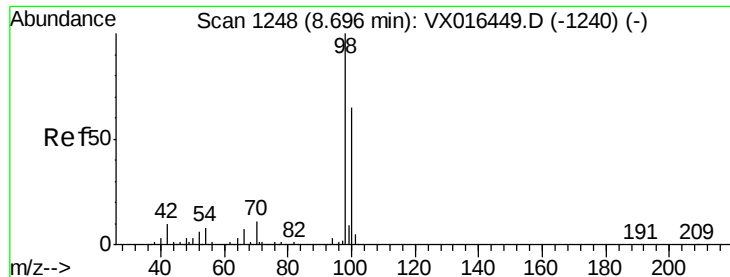


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.862 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016590.D

Acq: 04 Jun 2020 18:38

Instrument :

MSVOA\_X

ClientSampleId :

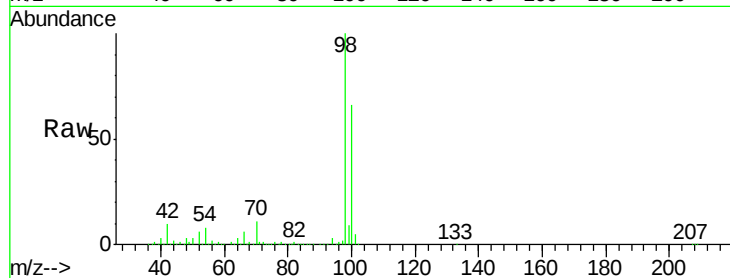
LF012RW160-200602

Tot Ion: 98 Resp: 462893

Ion Ratio Lower Upper

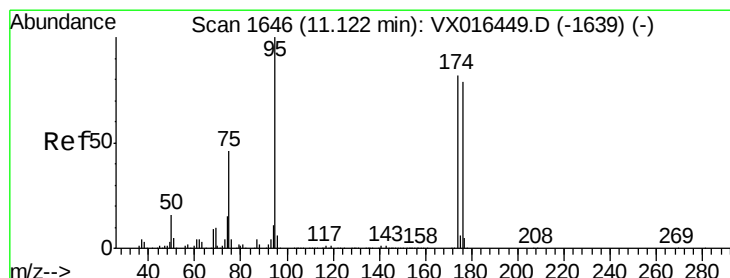
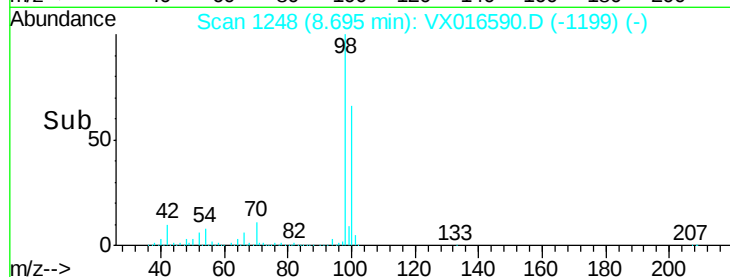
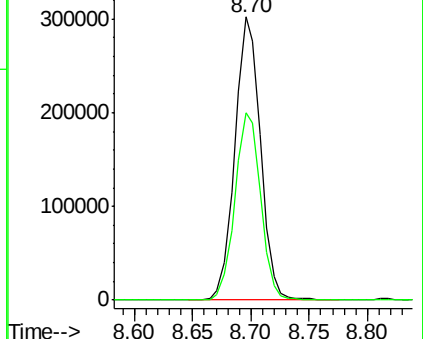
98 100

100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.681 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016590.D

Acq: 04 Jun 2020 18:38

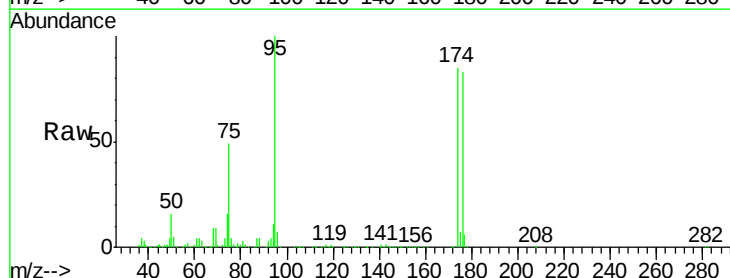
Tgt Ion: 95 Resp: 192032

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.0

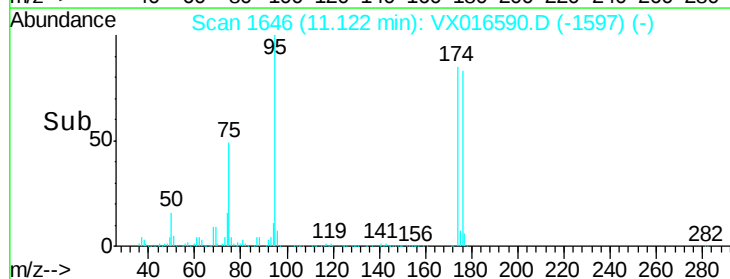
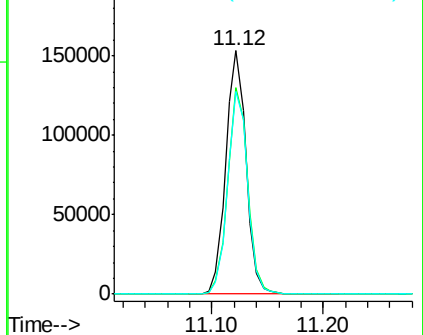
176 82.4 0.0 156.8

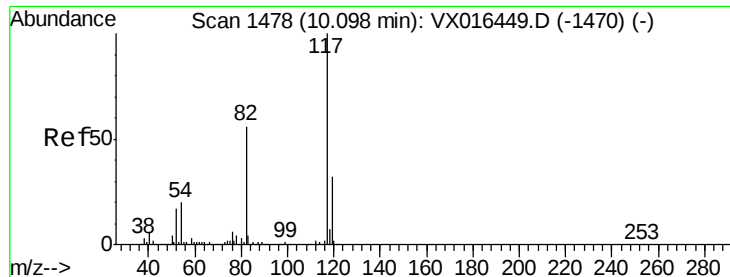


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

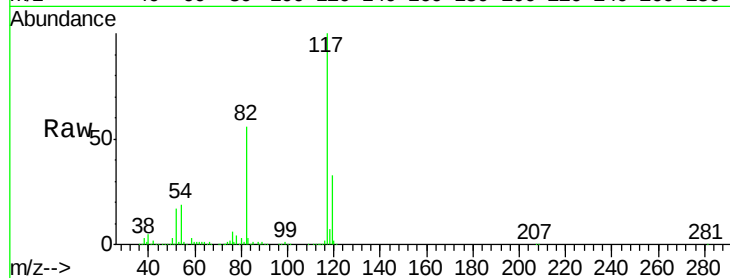




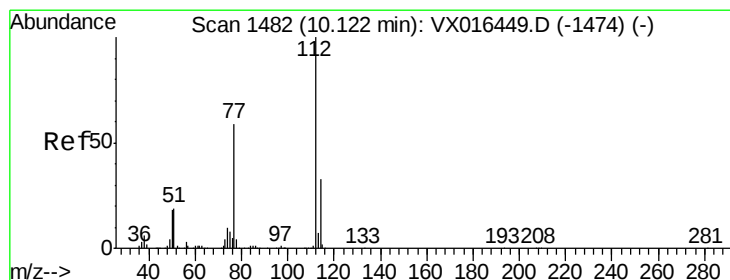
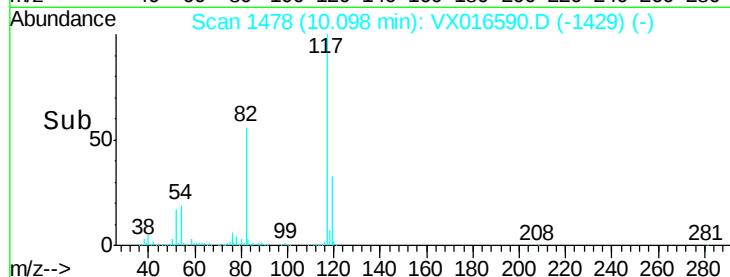
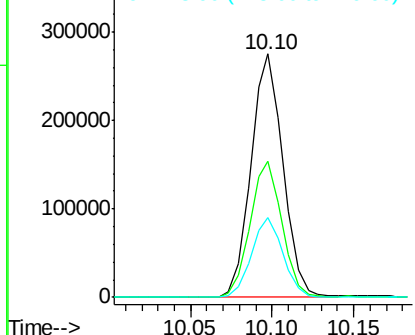
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX016590.D  
Acq: 04 Jun 2020 18:38

Instrument :  
MSVOA\_X  
ClientSampleId :  
LF012RW160-200602

Tot Ion:117 Resp: 376533  
Ion Ratio Lower Upper  
117 100  
82 55.7 45.0 67.6  
119 32.6 25.8 38.8

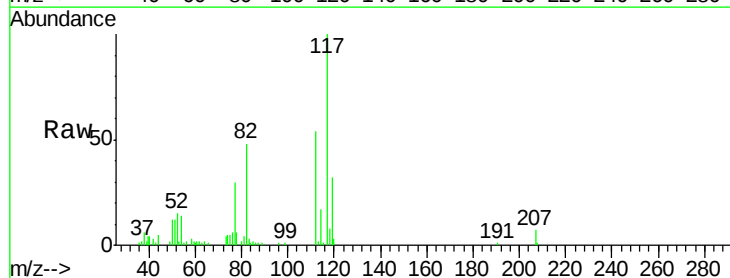


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

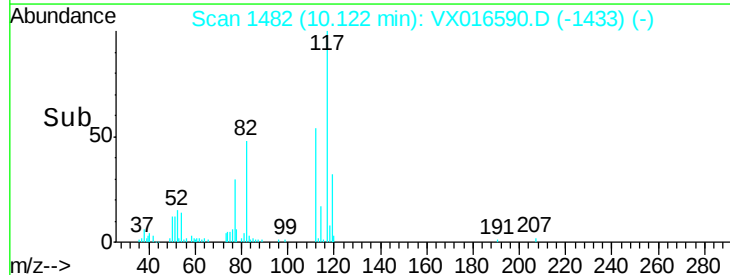
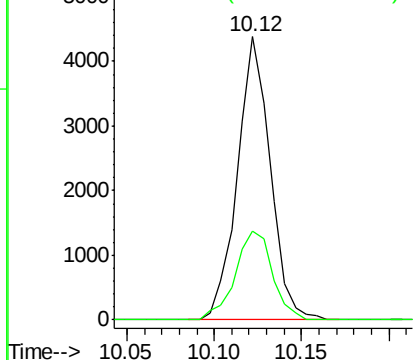


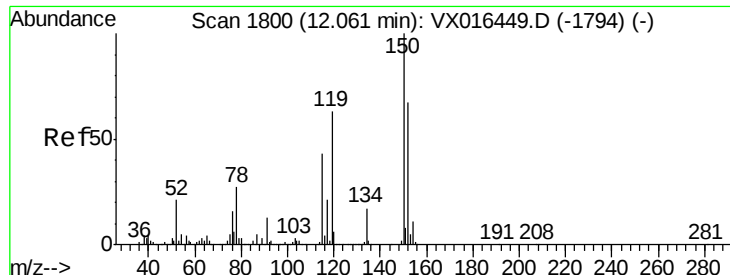
#65  
Chlorobenzene  
Concen: 0.745 ug/l  
RT: 10.12 min Scan# 1482  
Delta R.T. -0.00 min  
Lab File: VX016590.D  
Acq: 04 Jun 2020 18:38

Tgt Ion:112 Resp: 5718  
Ion Ratio Lower Upper  
112 100  
114 31.4 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016590.D

Acq: 04 Jun 2020 18:38

Instrument :

MSVOA\_X

ClientSampleId :

LF012RW160-200602

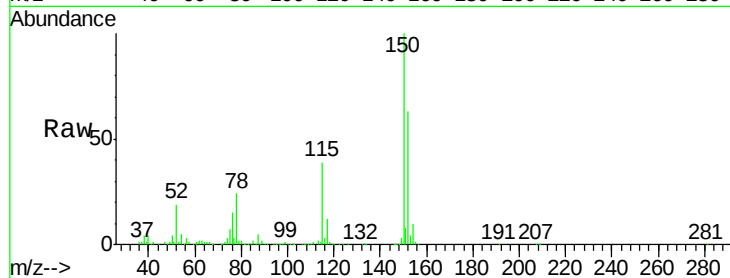
Tot Ion:152 Resp: 201263

Ion Ratio Lower Upper

152 100

115 58.5 39.9 119.6

150 156.4 0.0 341.0



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

