

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082919\  
 Data File : VX011892.D  
 Acq On : 30 Aug 2019 01:46  
 Operator : SY/SP  
 Sample : VX0829SBL02  
 Misc : 5.00g/5.0mL/MSVOA X/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0829SBL02

Quant Time: Aug 30 02:12:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082919S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 01:59:05 2019  
 Response via : Initial Calibration

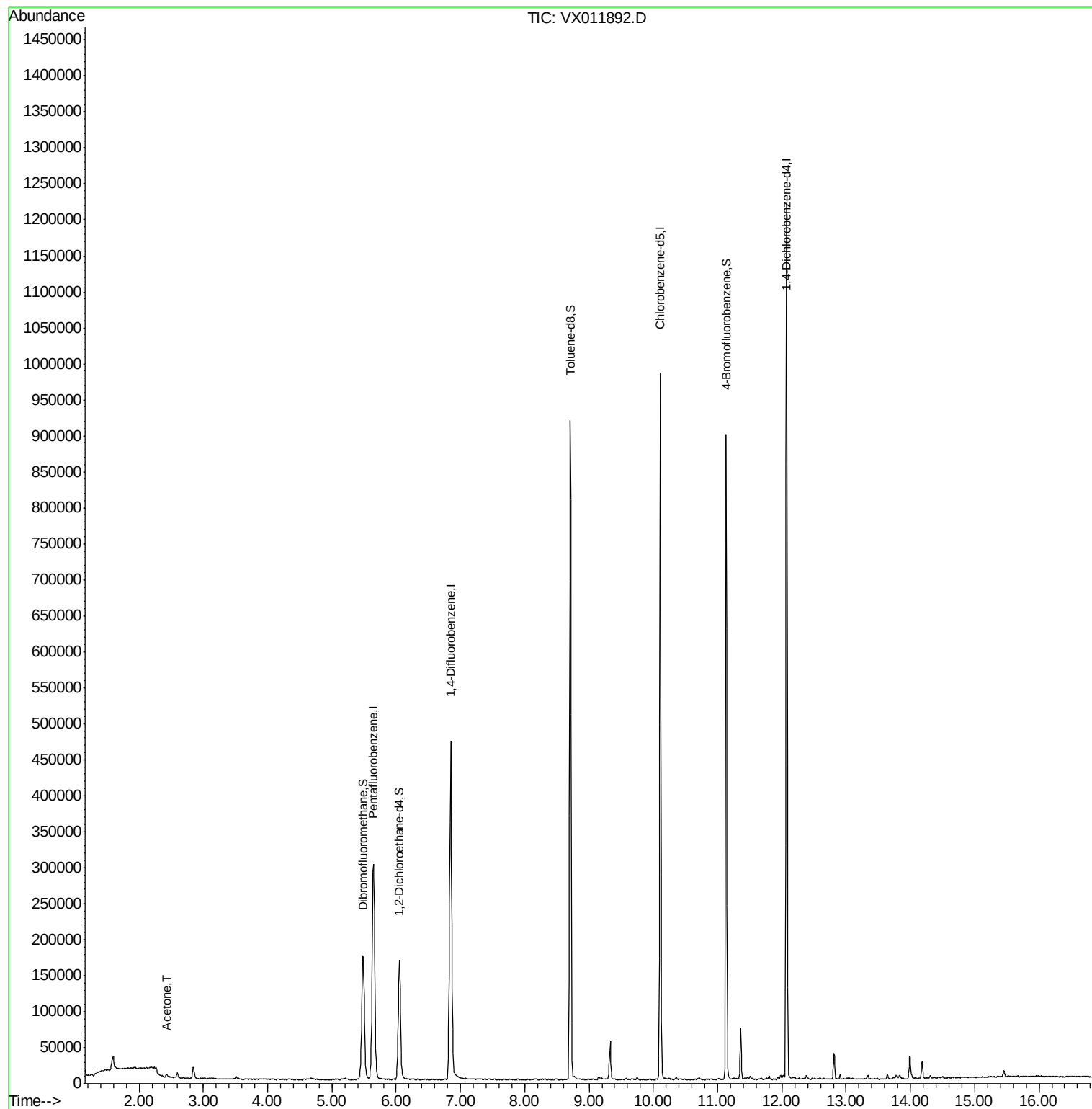
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.65  | 168  | 316781   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.85  | 114  | 473256   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 450563   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.07 | 152  | 255993   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.05  | 65   | 159569   | 52.57 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.14% |           |
| 35) Dibromofluoromethane    | 5.48  | 113  | 143776   | 47.38 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.76%  |           |
| 50) Toluene-d8              | 8.71  | 98   | 527886   | 48.66 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.32%  |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 215080   | 45.20 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.40%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.43  | 43   | 4577     | 7.009 | ug/l    | Qvalue 92 |

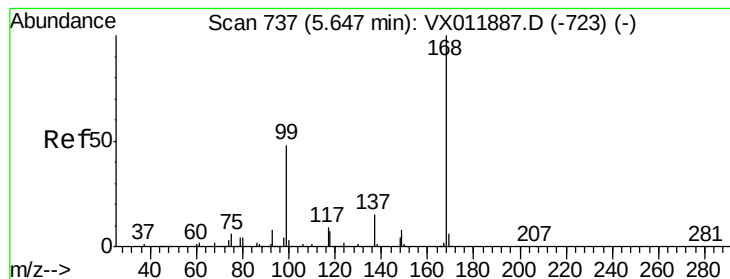
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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VX0829SBL02

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082919S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 30 01:59:05 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA\_X

ClientSampleId :

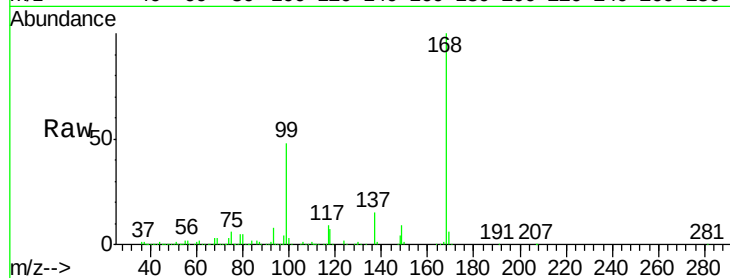
VX0829SBL02

Tot Ion:168 Resp: 316781

Ion Ratio Lower Upper

168 100

99 48.0 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

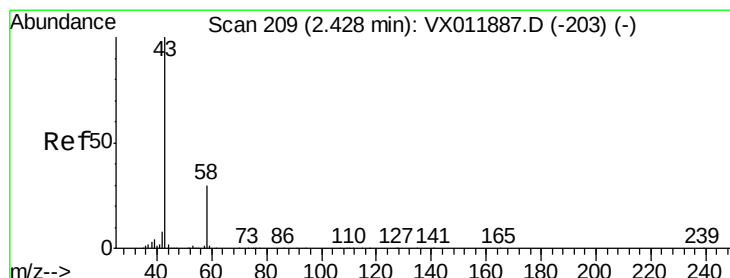
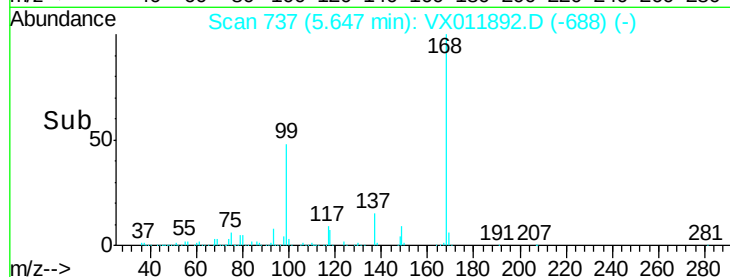
5.65

100000

50000

0

Time-->



#16

Acetone

Concen: 7.009 ug/l

RT: 2.43 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX011892.D

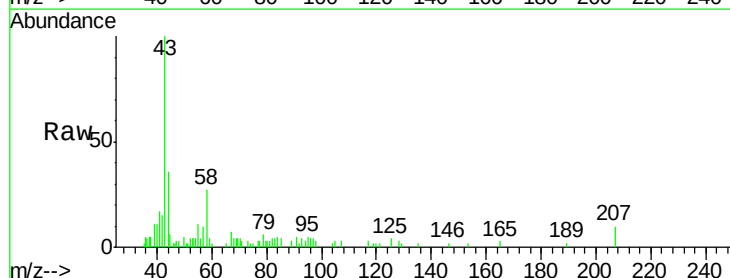
Acq: 30 Aug 2019 01:46

Tgt Ion: 43 Resp: 4577

Ion Ratio Lower Upper

43 100

58 25.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

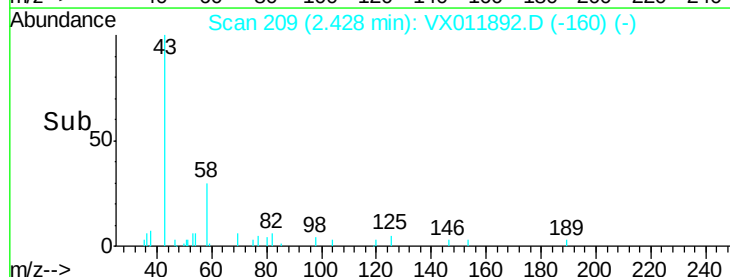
1500

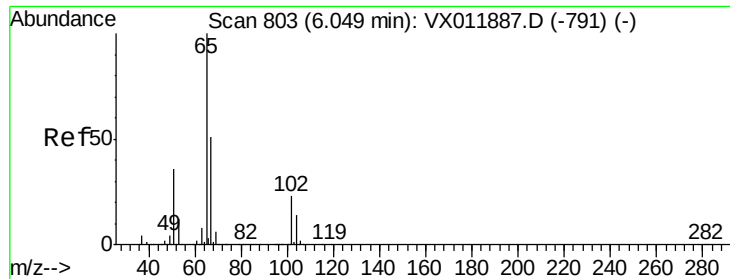
1000

500

0

Time-->

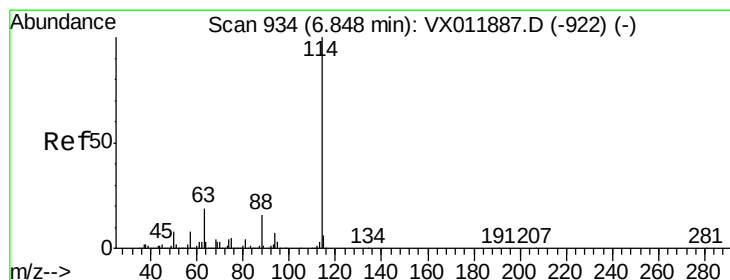
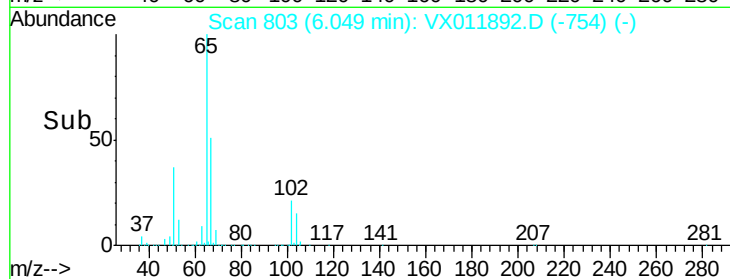
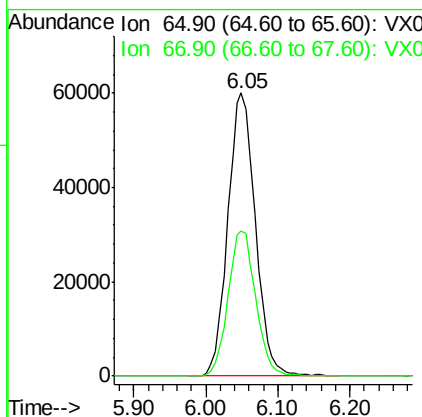
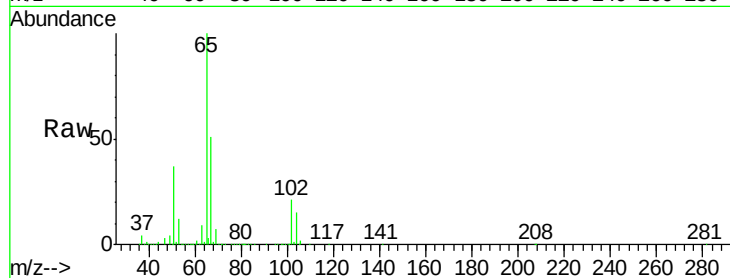




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.575 ug/l  
 RT: 6.05 min Scan# 803  
 Delta R.T. 0.00 min  
 Lab File: VX011892.D  
 Acq: 30 Aug 2019 01:46

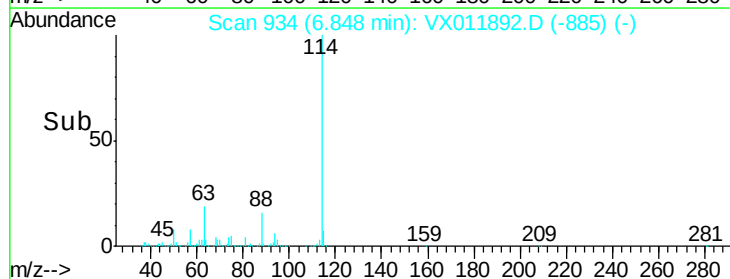
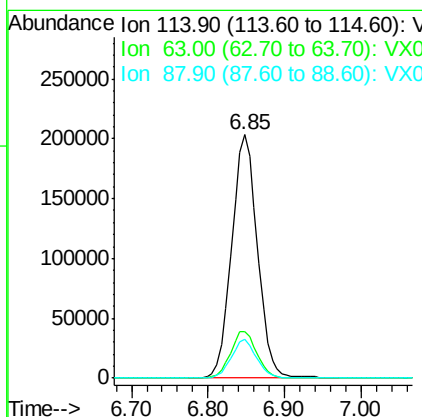
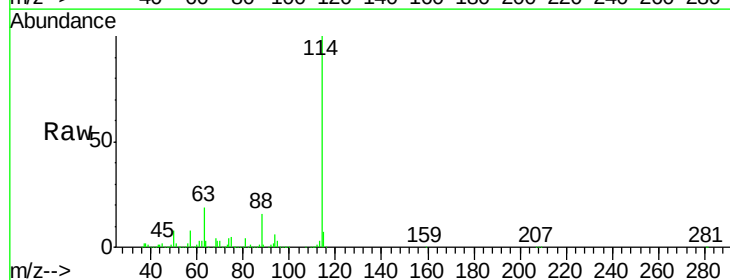
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0829SBL02

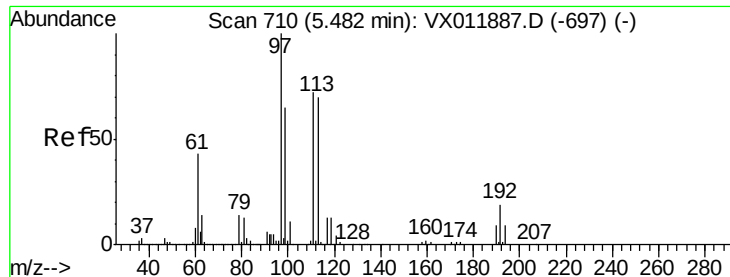
Tot Ion: 65 Resp: 159569  
 Ion Ratio Lower Upper  
 65 100  
 67 51.1 0.0 102.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: VX011892.D  
 Acq: 30 Aug 2019 01:46

Tgt Ion: 114 Resp: 473256  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 38.8  
 88 15.8 0.0 31.2

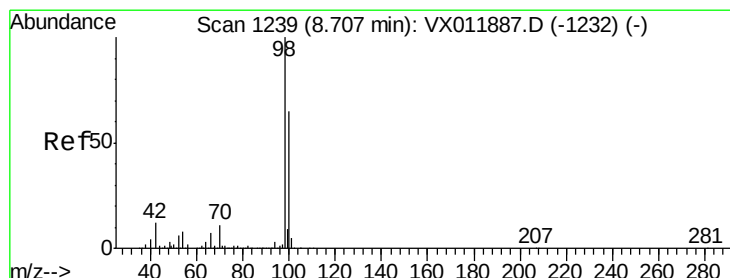
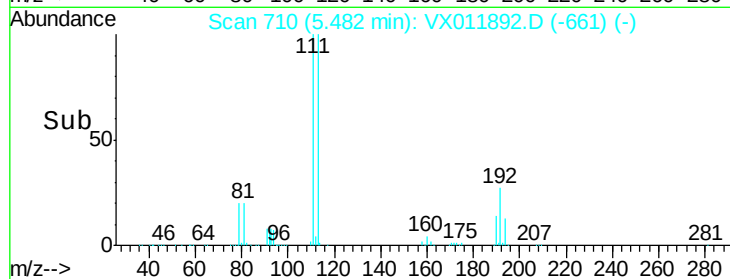
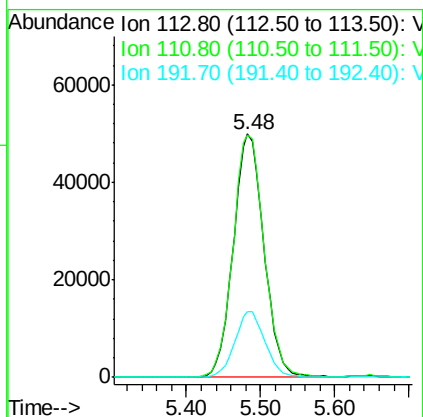
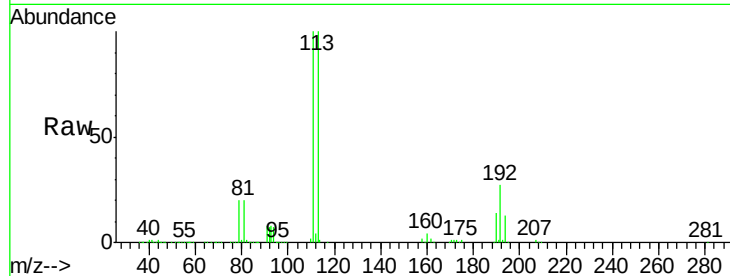




#35  
 Dibromofluoromethane  
 Concen: 47.377 ug/l  
 RT: 5.48 min Scan# 710  
 Delta R.T. 0.00 min  
 Lab File: VX011892.D  
 Acq: 30 Aug 2019 01:46

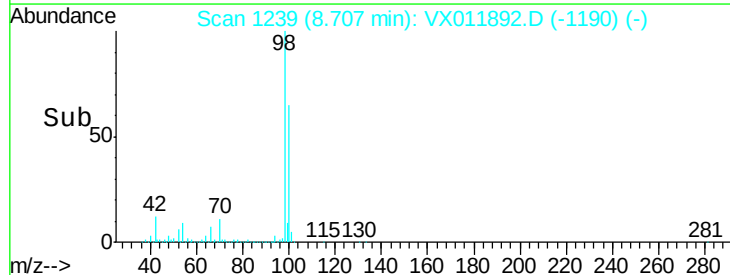
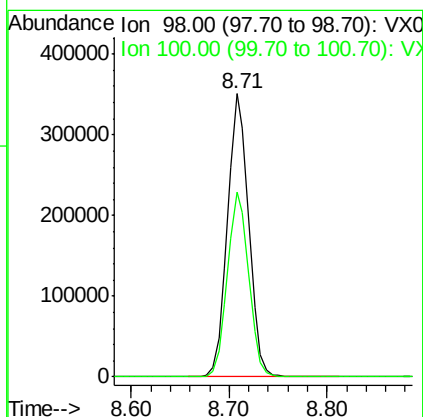
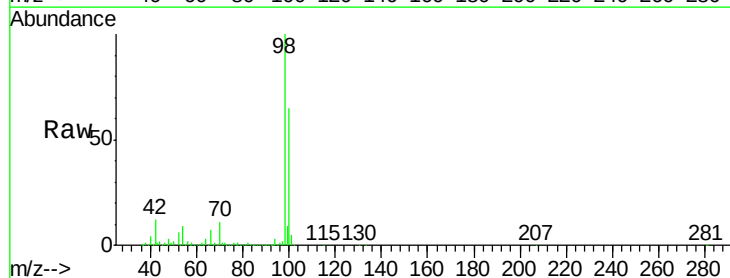
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0829SBL02

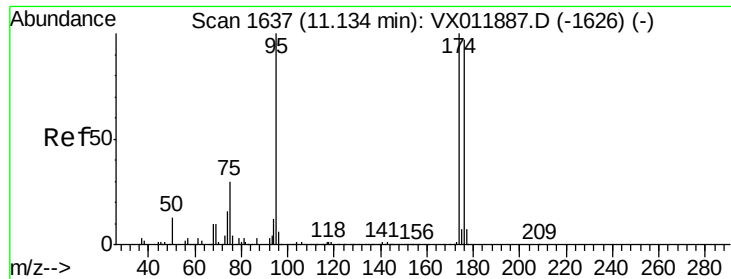
Tot Ion:113 Resp: 143776  
 Ion Ratio Lower Upper  
 113 100  
 111 101.4 82.1 123.1  
 192 26.8 21.5 32.3



#50  
 Toluene-d8  
 Concen: 48.661 ug/l  
 RT: 8.71 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: VX011892.D  
 Acq: 30 Aug 2019 01:46

Tgt Ion: 98 Resp: 527886  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 45.197 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0829SBL02

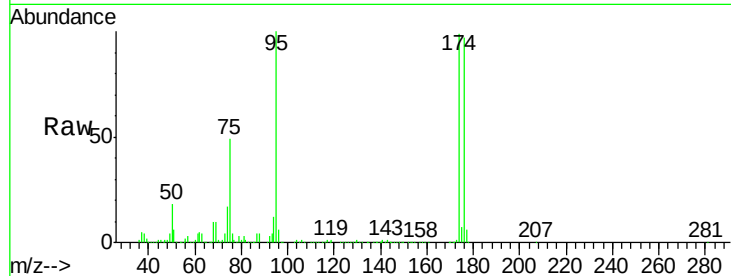
Tot Ion: 95 Resp: 215080

Ion Ratio Lower Upper

95 100

174 97.9 0.0 196.0

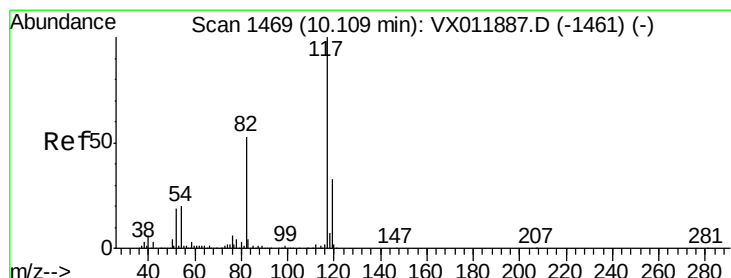
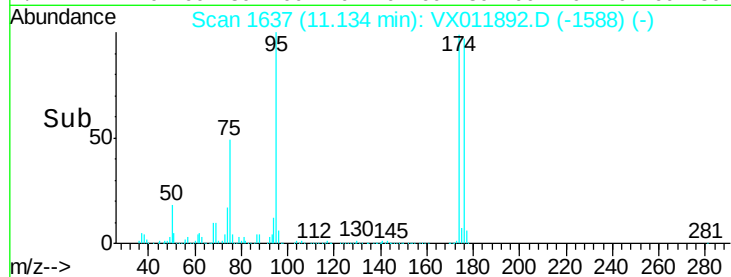
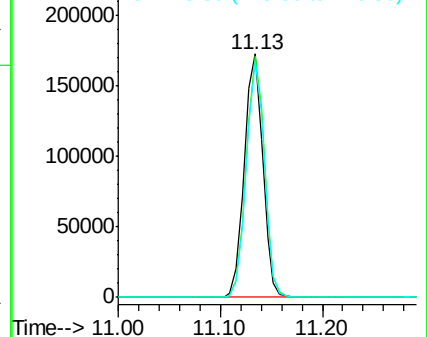
176 95.3 0.0 191.4



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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

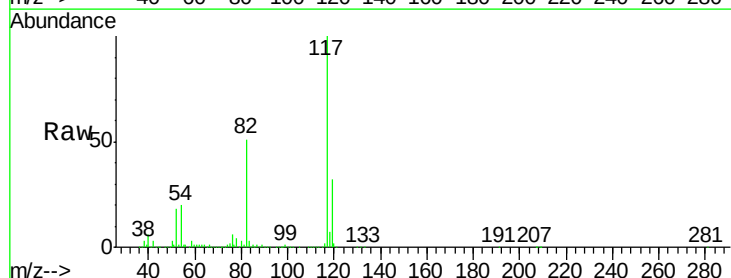
Tgt Ion: 117 Resp: 450563

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

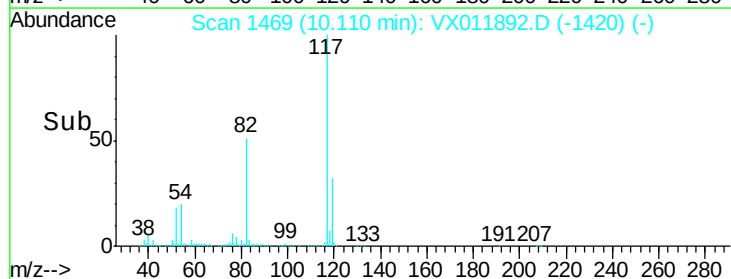
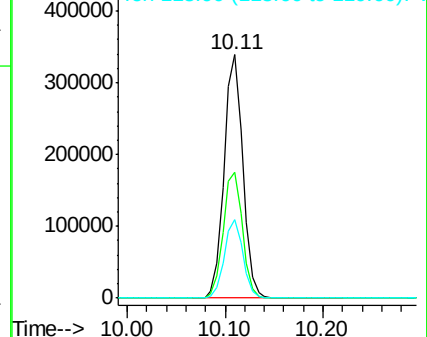
119 32.4 26.2 39.4

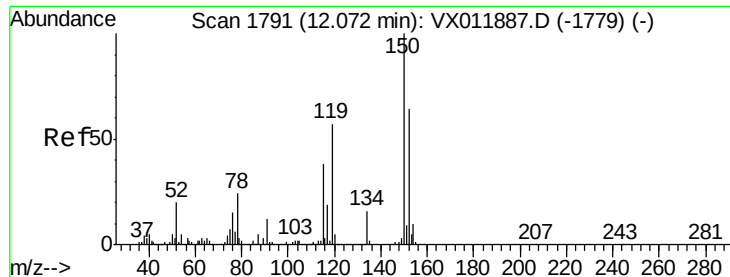


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011892.D

Acq: 30 Aug 2019 01:46

Instrument :

MSVOA\_X

ClientSampleId :

VX0829SBL02

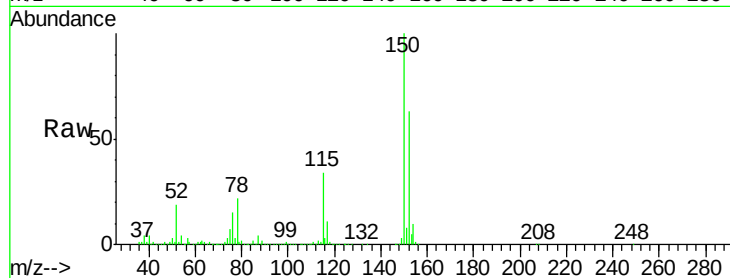
Tot Ion:152 Resp: 255993

Ion Ratio Lower Upper

152 100

115 53.2 37.1 111.3

150 156.2 0.0 339.6



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

