

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\  
 Data File : VX019026.D  
 Acq On : 22 Oct 2020 14:52  
 Operator : JC/SP  
 Sample : L4417-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-9

Quant Time: Oct 23 09:08:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 22 17:51:42 2020  
 Response via : Initial Calibration

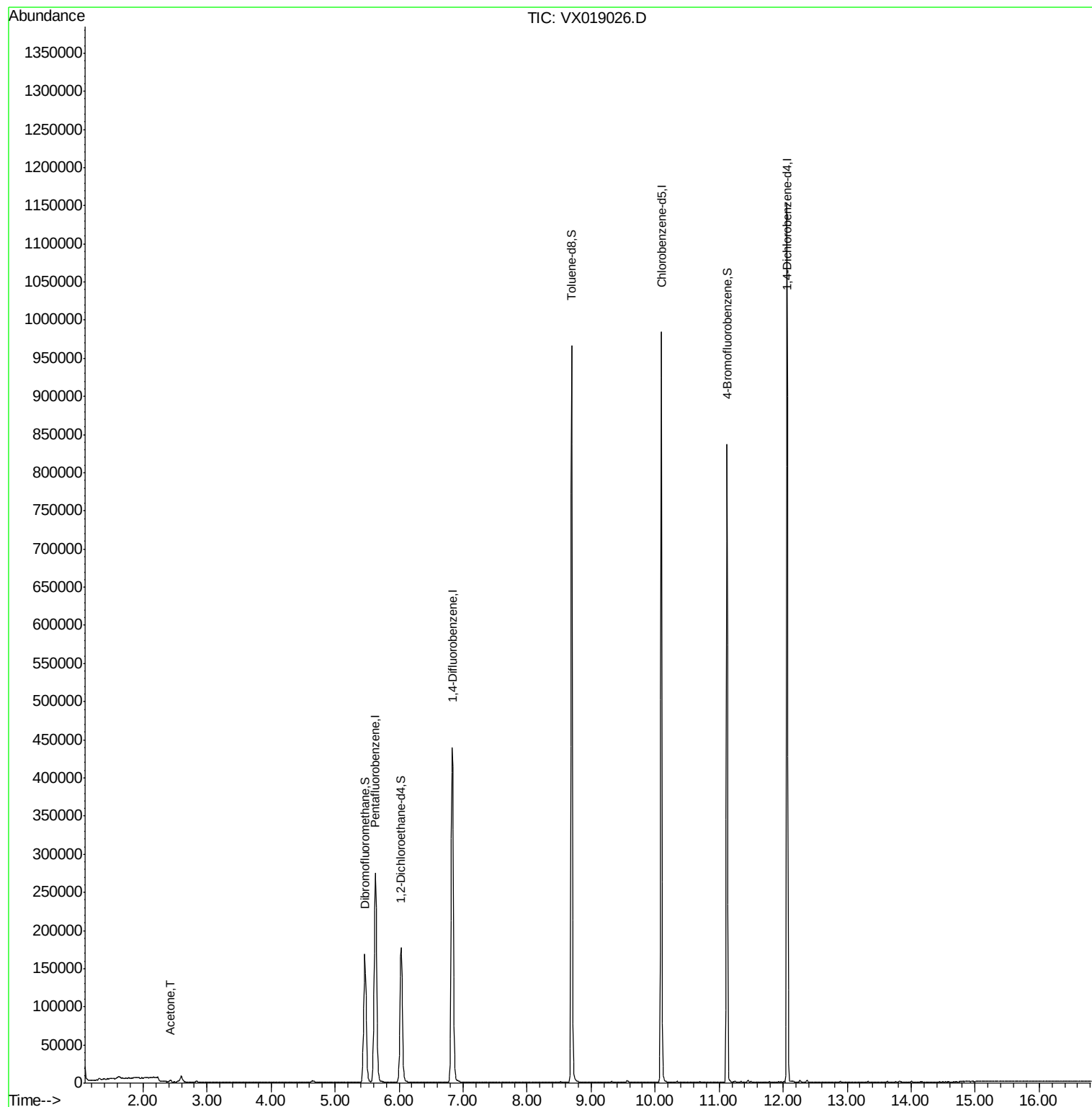
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 275283   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 472207   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 463671   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 235339   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 167644   | 50.84 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.68% |           |
| 35) Dibromofluoromethane    | 5.46  | 113  | 146807   | 49.10 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.20%  |           |
| 50) Toluene-d8              | 8.70  | 98   | 588279   | 51.56 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 103.12% |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 219697   | 54.14 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.28% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.42  | 43   | 2663     | 2.371 | ug/l    | Qvalue 93 |

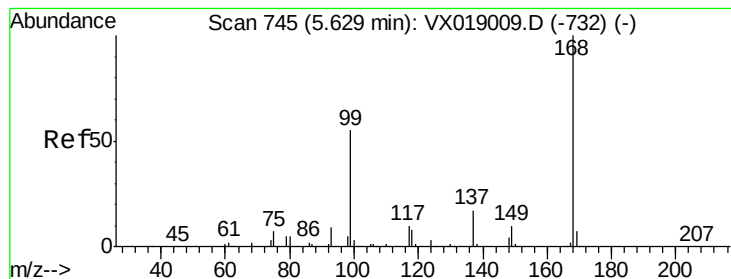
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 09:08:37 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102120W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 22 17:51:42 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: VX019026.D

Acq: 22 Oct 2020 14:52

Instrument :

MSVOA\_X

ClientSampled :

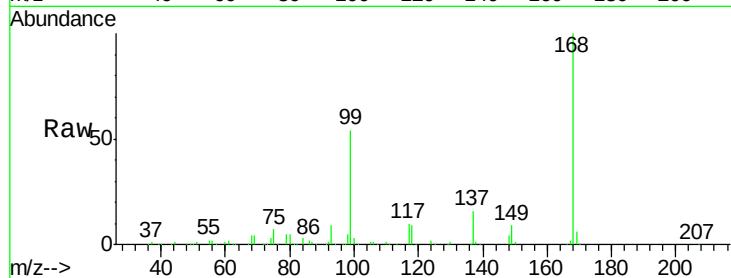
MW-9

Tot Ion:168 Resp: 275283

Ion Ratio Lower Upper

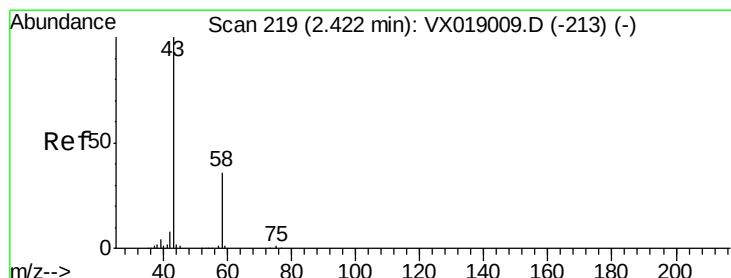
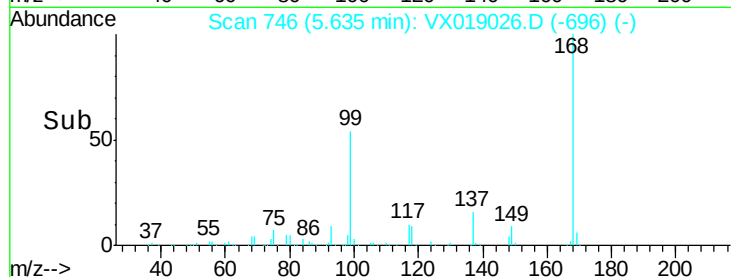
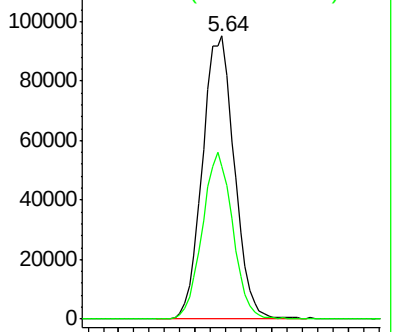
168 100

99 53.8 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.371 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019026.D

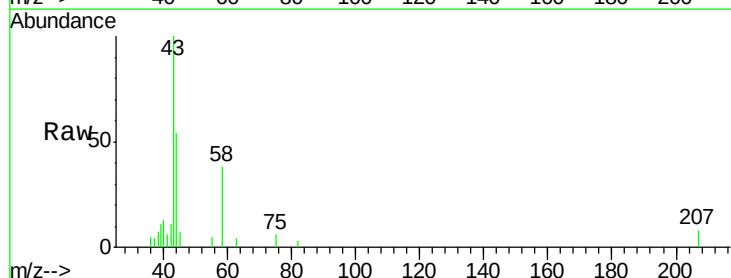
Acq: 22 Oct 2020 14:52

Tgt Ion: 43 Resp: 2663

Ion Ratio Lower Upper

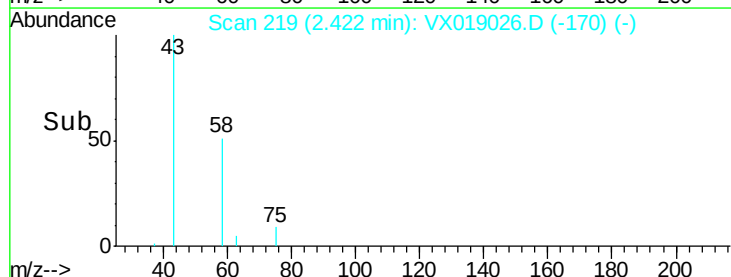
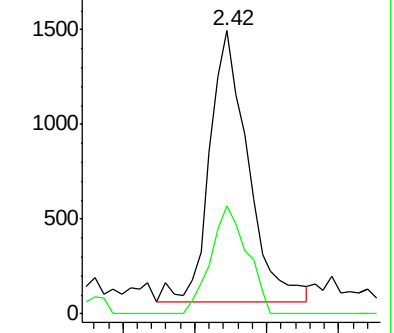
43 100

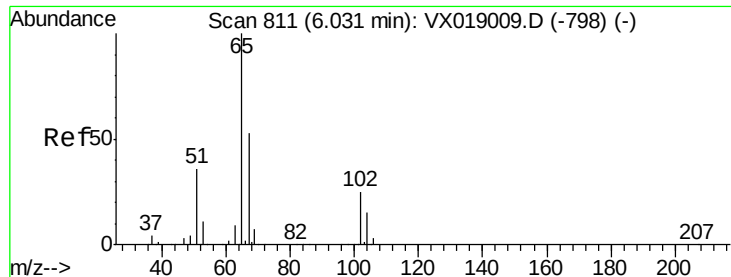
58 39.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

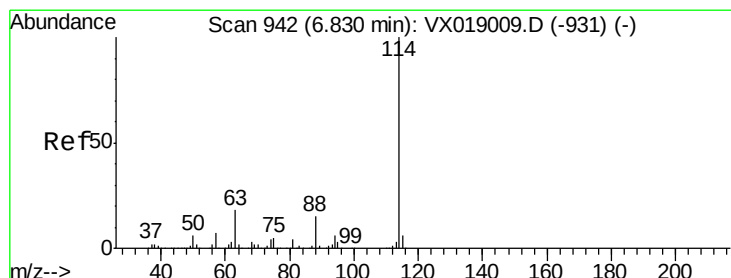
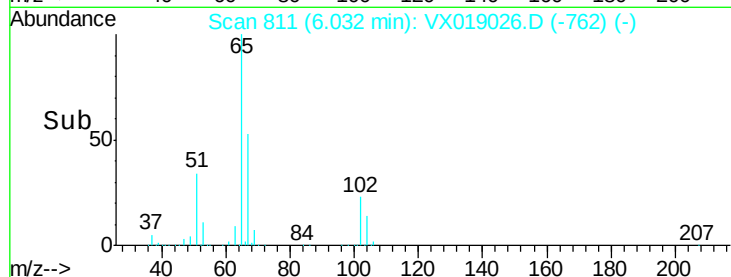
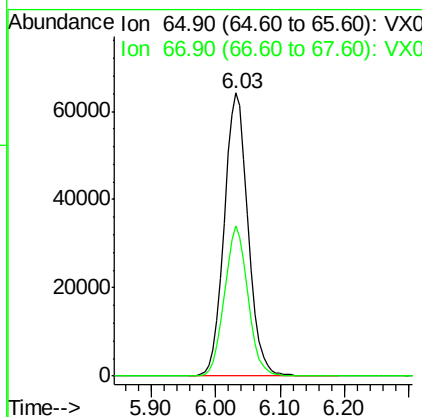
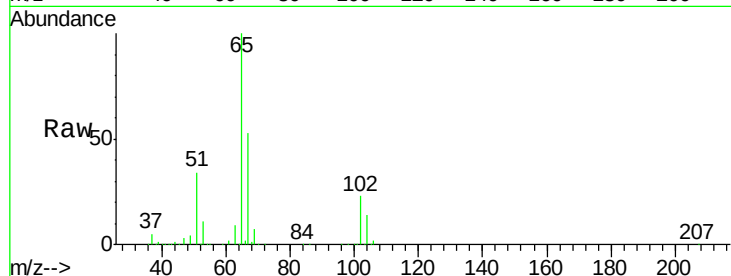




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.841 ug/l  
 RT: 6.03 min Scan# 811  
 Delta R.T. 0.00 min  
 Lab File: VX019026.D  
 Acq: 22 Oct 2020 14:52

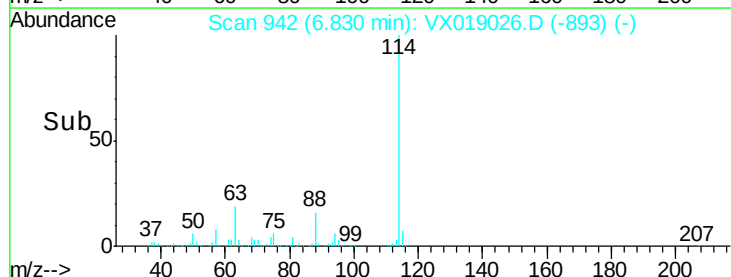
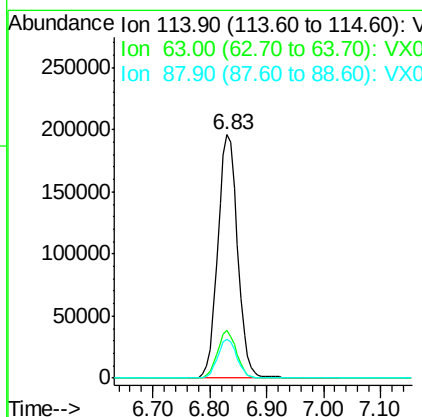
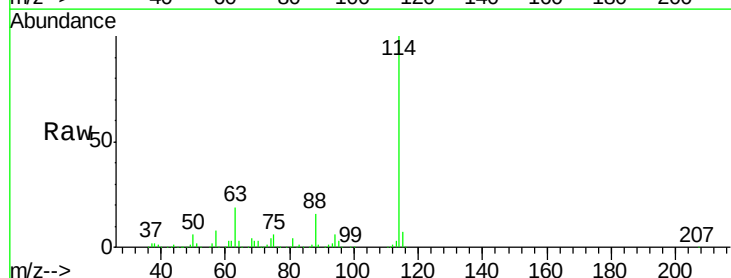
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-9

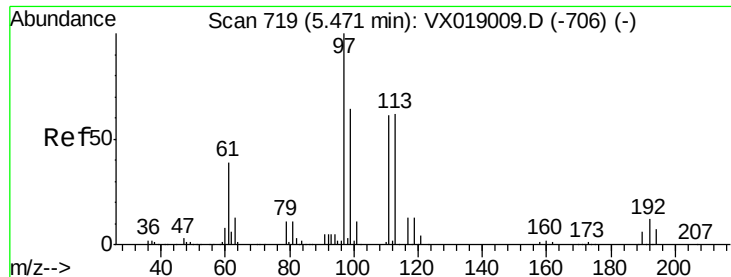
Tot Ion: 65 Resp: 167644  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 107.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.83 min Scan# 942  
 Delta R.T. 0.00 min  
 Lab File: VX019026.D  
 Acq: 22 Oct 2020 14:52

Tgt Ion: 114 Resp: 472207  
 Ion Ratio Lower Upper  
 114 100  
 63 19.5 0.0 36.8  
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.104 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019026.D

Acq: 22 Oct 2020 14:52

Instrument :

MSVOA\_X

ClientSampleId :

MW-9

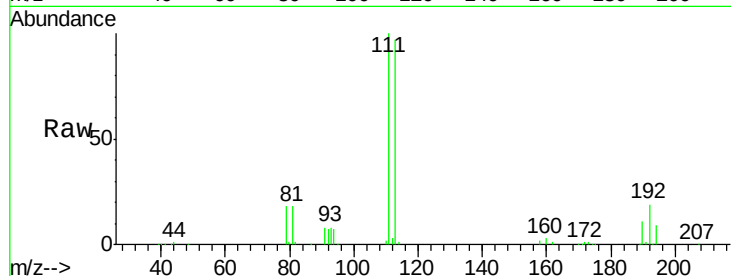
Tot Ion:113 Resp: 146807

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

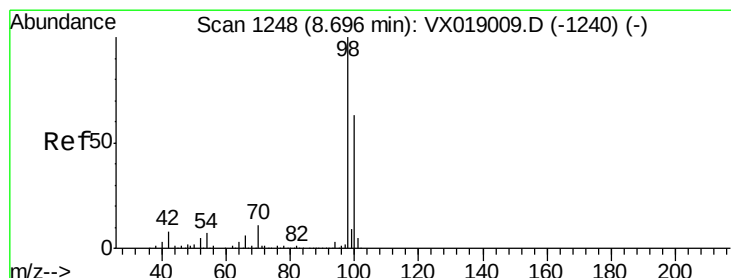
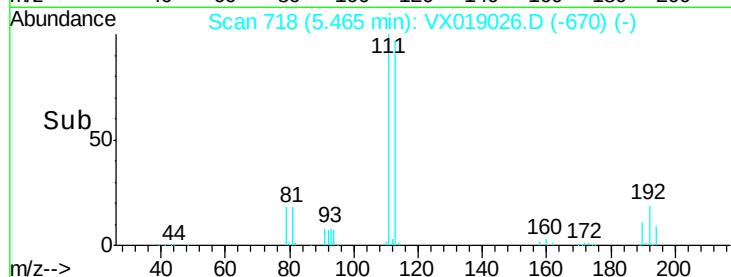
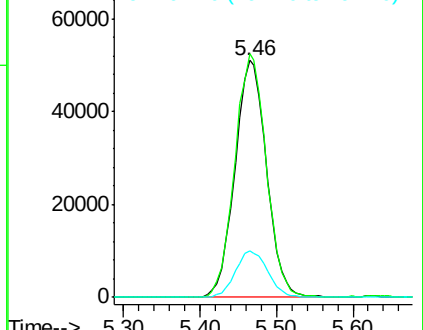
192 20.1 16.3 24.5



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: 51.564 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019026.D

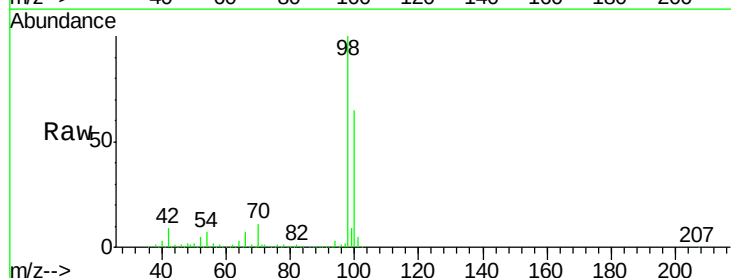
Acq: 22 Oct 2020 14:52

Tgt Ion: 98 Resp: 588279

Ion Ratio Lower Upper

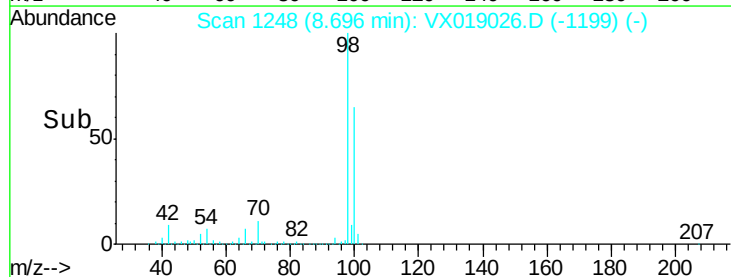
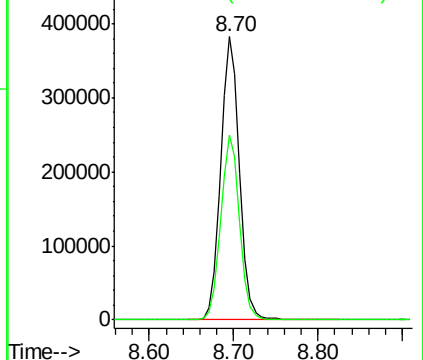
98 100

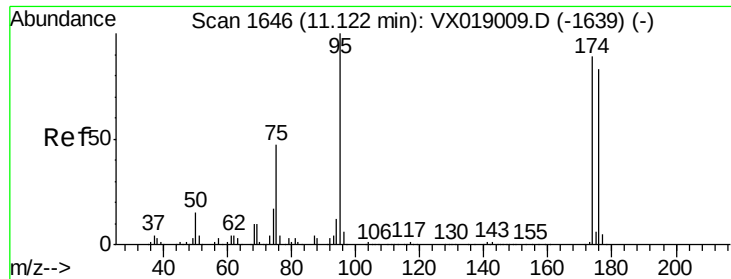
100 65.3 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.137 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019026.D

Acq: 22 Oct 2020 14:52

Instrument :

MSVOA\_X

ClientSampleId :

MW-9

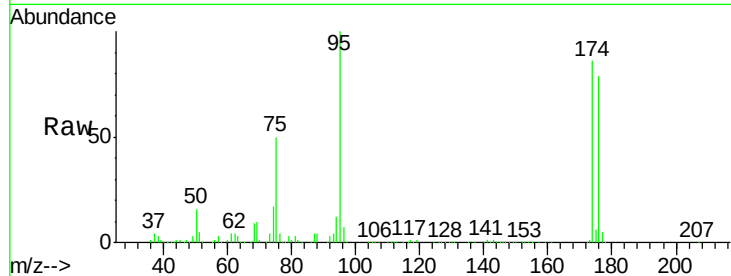
Tot Ion: 95 Resp: 219697

Ion Ratio Lower Upper

95 100

174 82.7 0.0 167.6

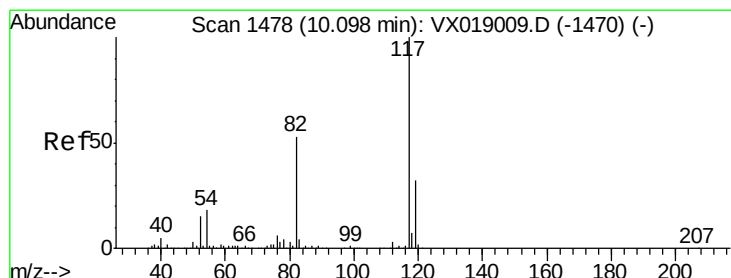
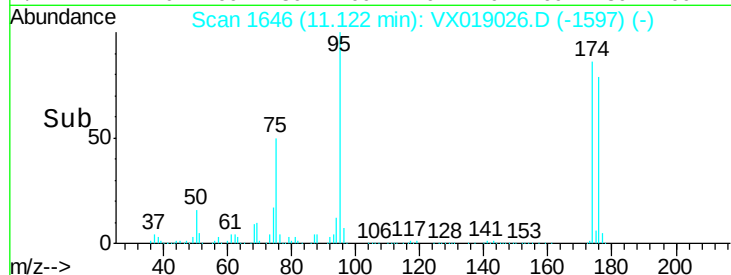
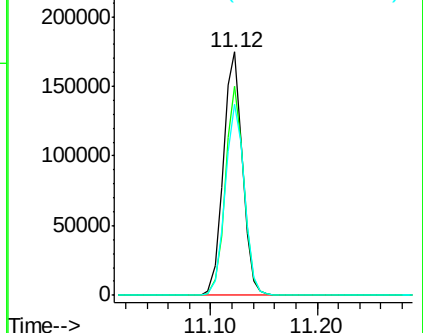
176 79.3 0.0 165.2



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: VX019026.D

Acq: 22 Oct 2020 14:52

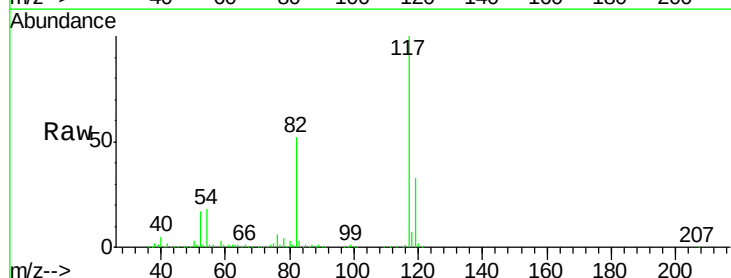
Tgt Ion: 117 Resp: 463671

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

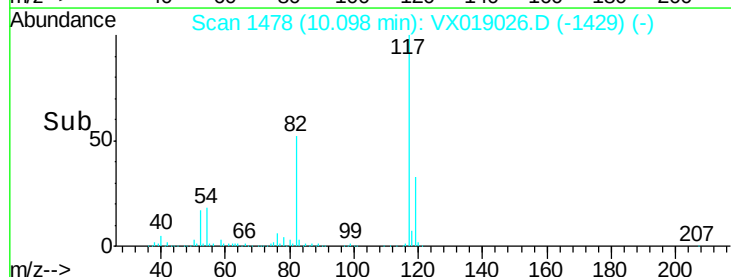
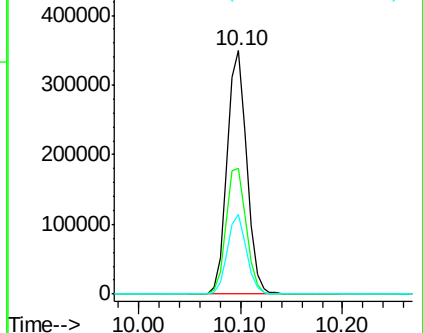
119 32.7 25.6 38.4

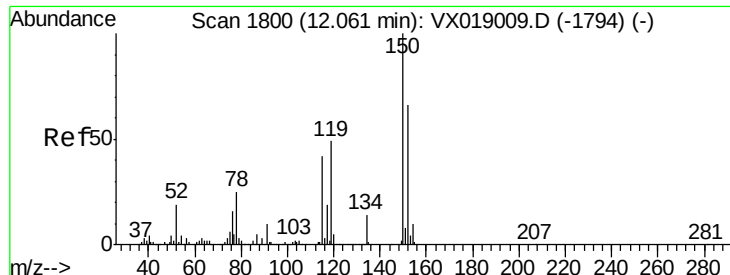


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019026.D

Acq: 22 Oct 2020 14:52

Instrument :

MSVOA\_X

ClientSampleId :

MW-9

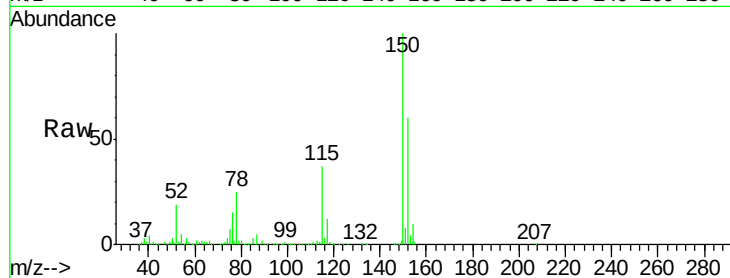
Tot Ion:152 Resp: 235339

Ion Ratio Lower Upper

152 100

115 59.0 40.8 122.5

150 159.1 0.0 345.6



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

