

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\  
 Data File : VX016780.D  
 Acq On : 16 Jun 2020 15:30  
 Operator : JC/SP  
 Sample : L2993-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AOC50MW002-200610

Quant Time: Jun 17 04:32:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061520W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 16 02:02:35 2020  
 Response via : Initial Calibration

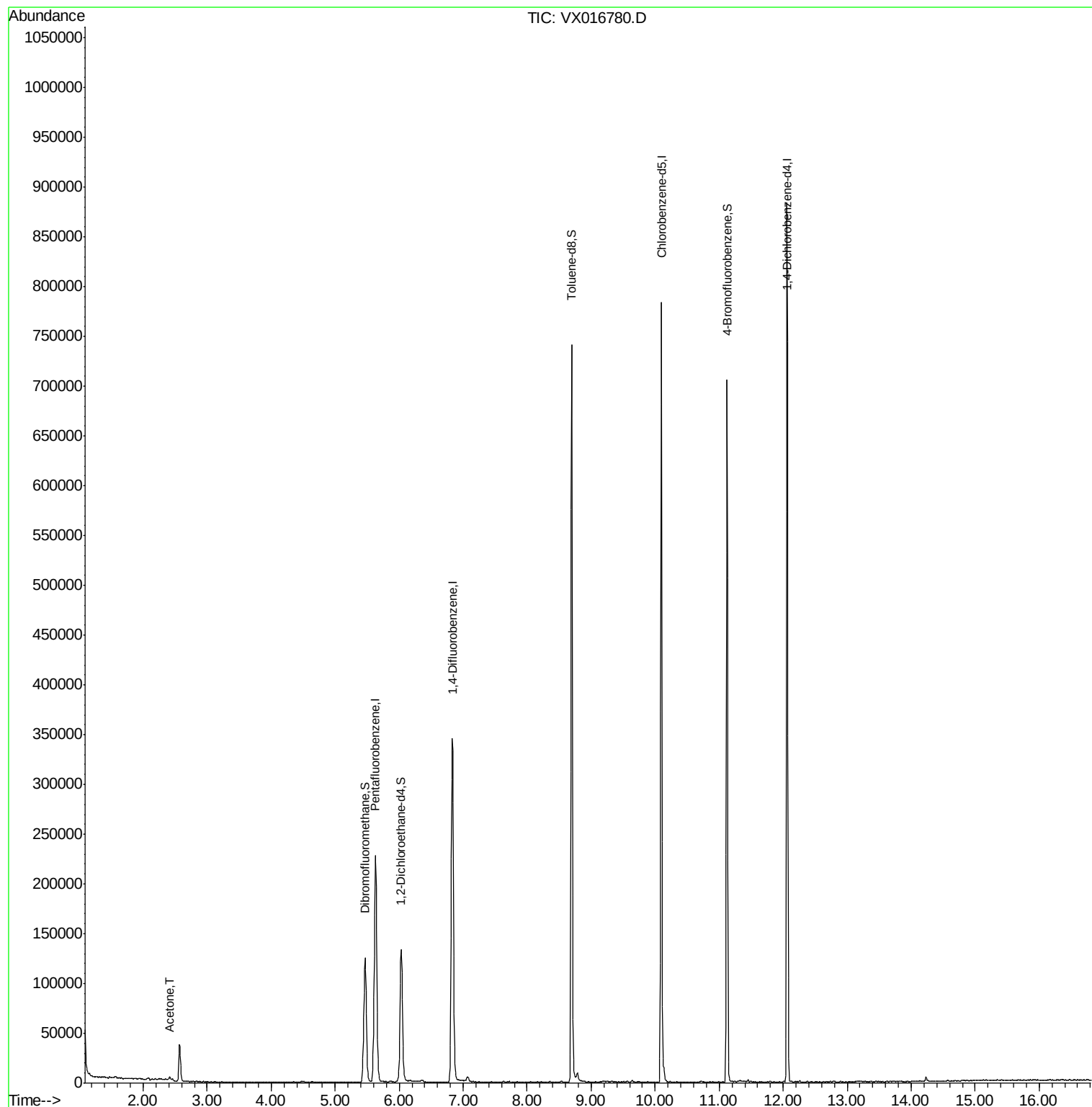
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 229322   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 365777   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 374813   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 186894   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 131664   | 51.04 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.08% |           |
| 35) Dibromofluoromethane    | 5.47  | 113  | 108841   | 48.23 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.46%  |           |
| 50) Toluene-d8              | 8.70  | 98   | 445602   | 53.55 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.10% |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 179723   | 56.46 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 112.92% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.42  | 43   | 2260     | 1.932 | ug/l    | Qvalue 93 |

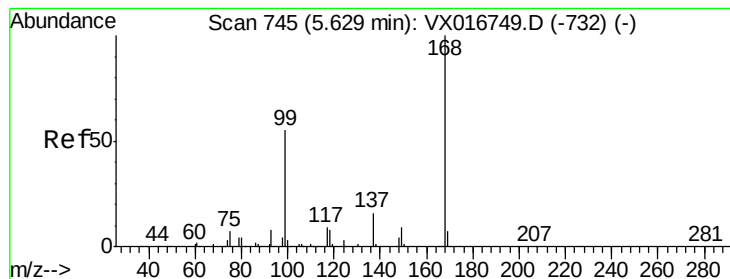
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 16 02:02:35 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA\_X

ClientSampleId :

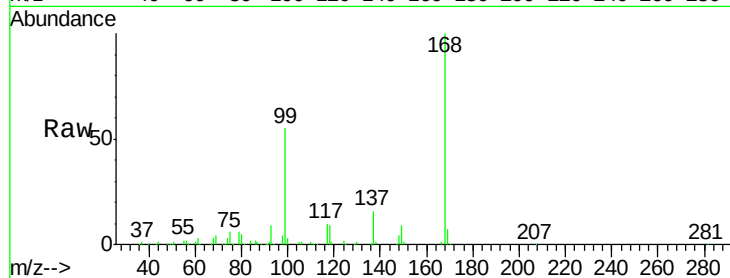
AOC50MW002-200610

Tot Ion:168 Resp: 229322

Ion Ratio Lower Upper

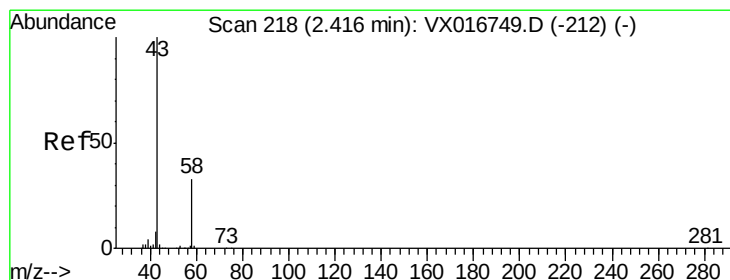
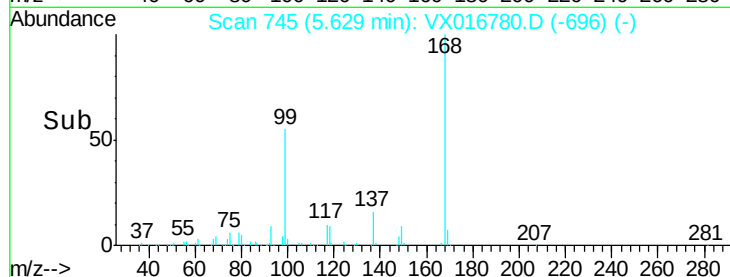
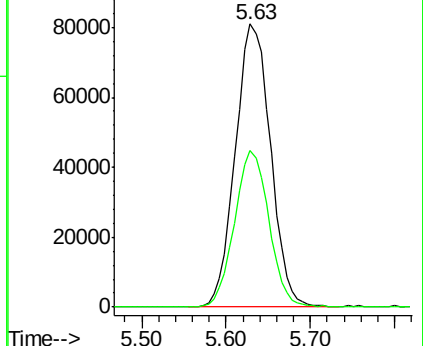
168 100

99 55.1 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.932 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016780.D

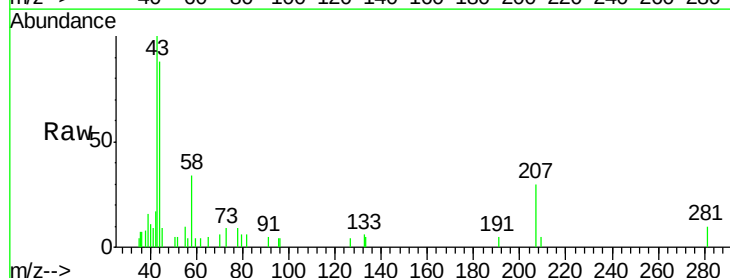
Acq: 16 Jun 2020 15:30

Tgt Ion: 43 Resp: 2260

Ion Ratio Lower Upper

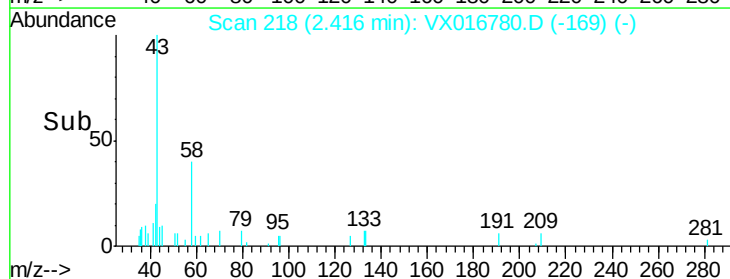
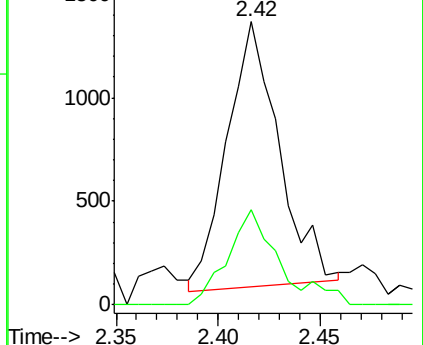
43 100

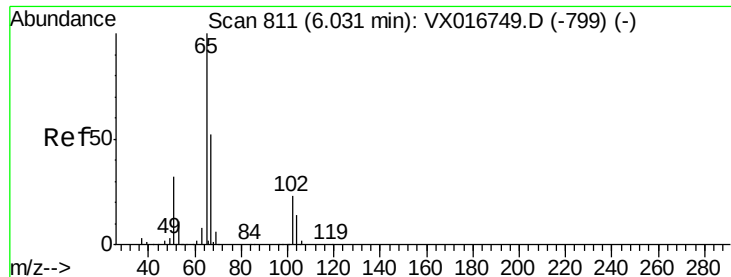
58 36.9 26.3 39.5



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: 51.045 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA\_X

ClientSampleId :

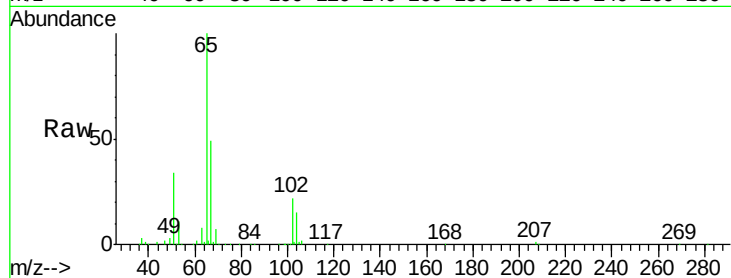
AOC50MW002-200610

Tot Ion: 65 Resp: 131664

Ion Ratio Lower Upper

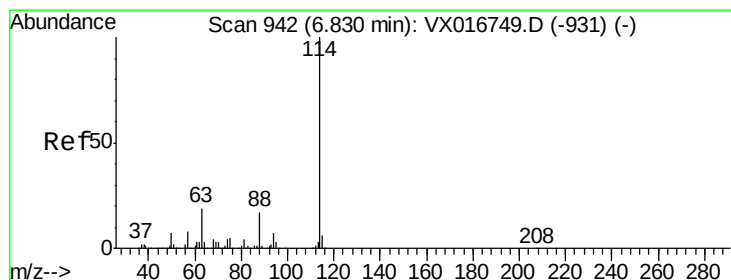
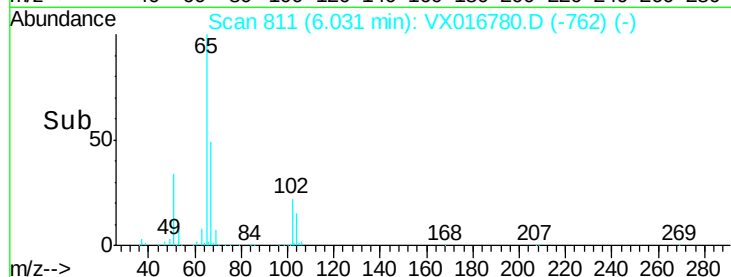
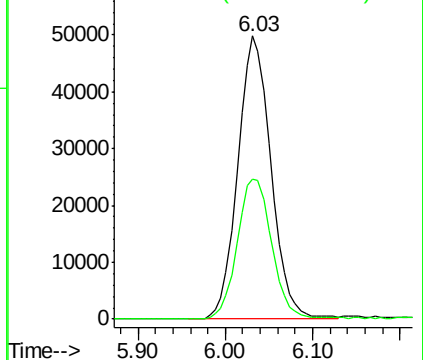
65 100

67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

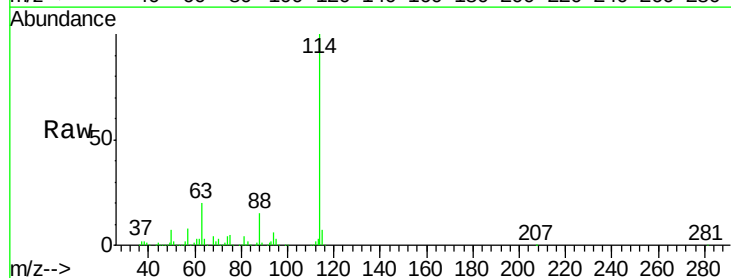
Tgt Ion: 114 Resp: 365777

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

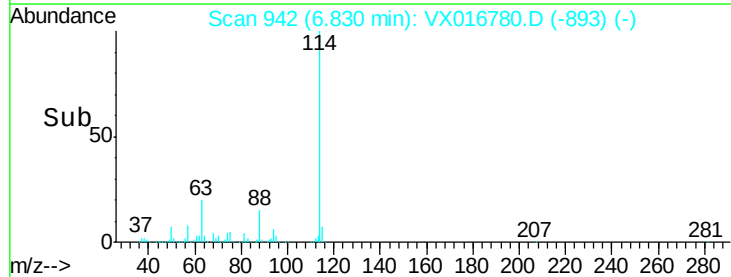
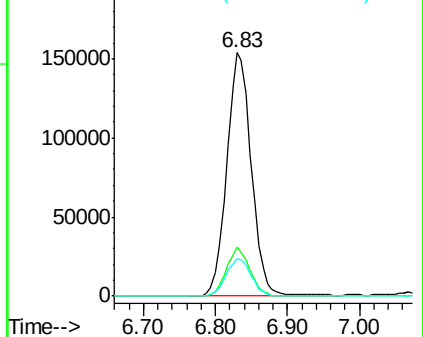
88 15.2 0.0 33.4

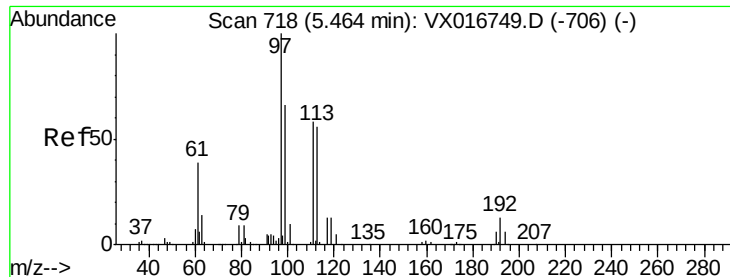


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.228 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA\_X

ClientSampleId :

AOC50MW002-200610

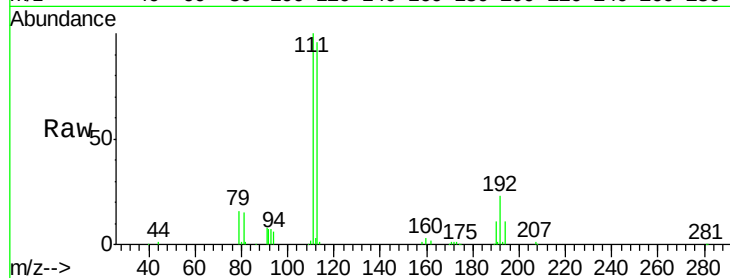
Tot Ion:113 Resp: 108841

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

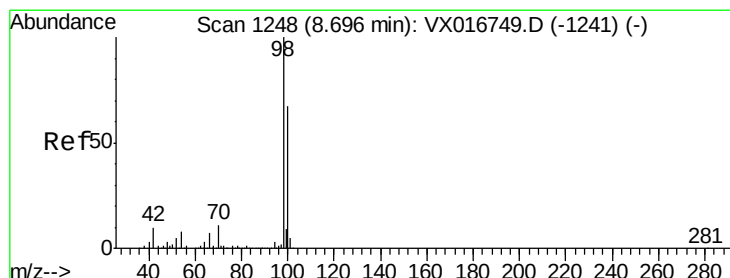
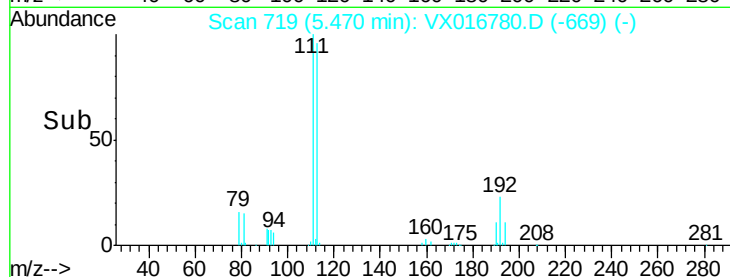
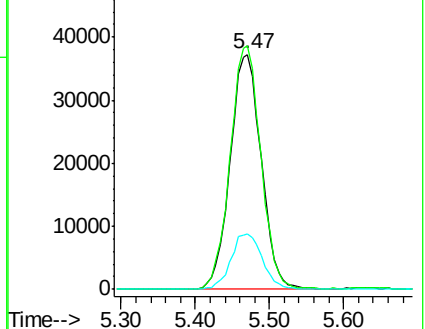
192 23.9 18.2 27.4



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: 53.549 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016780.D

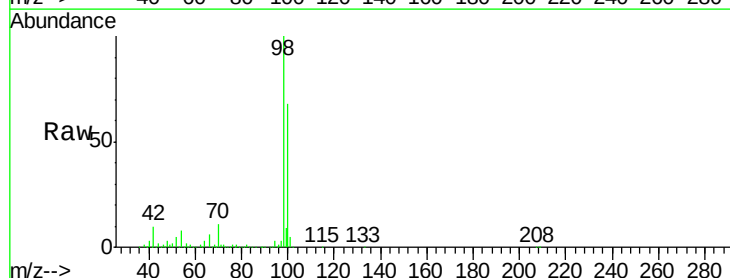
Acq: 16 Jun 2020 15:30

Tgt Ion: 98 Resp: 445602

Ion Ratio Lower Upper

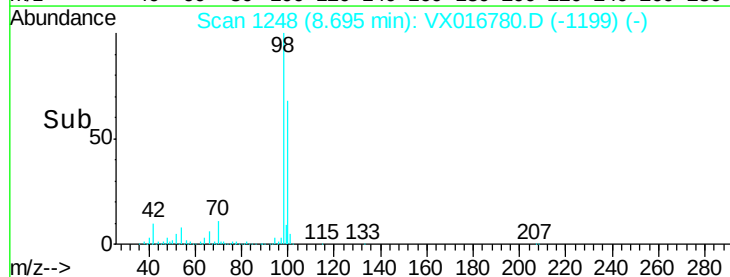
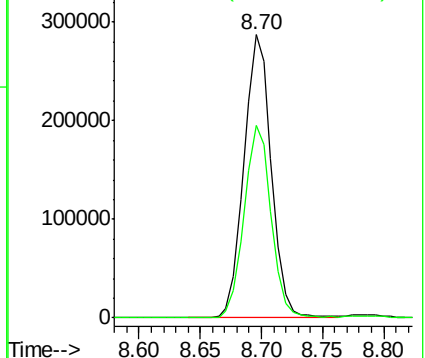
98 100

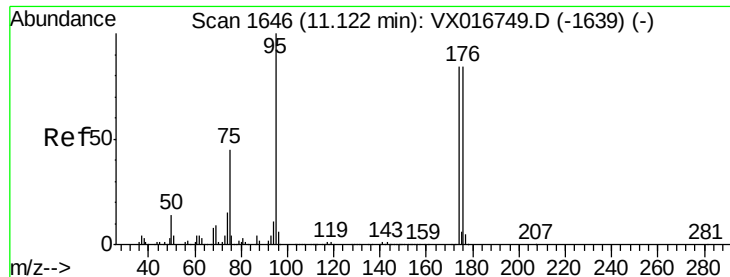
100 67.0 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 56.465 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA\_X

ClientSampleId :

AOC50MW002-200610

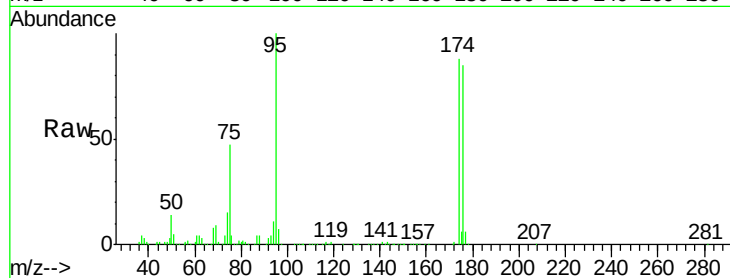
Tot Ion: 95 Resp: 179723

Ion Ratio Lower Upper

95 100

174 86.9 0.0 171.0

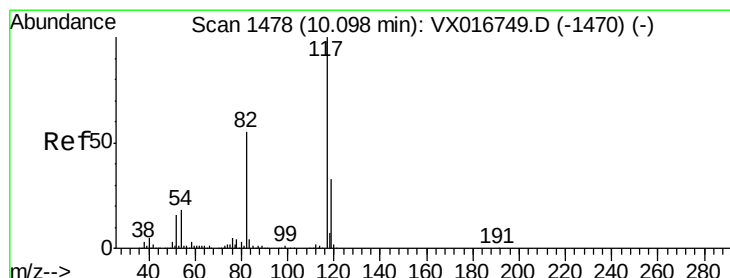
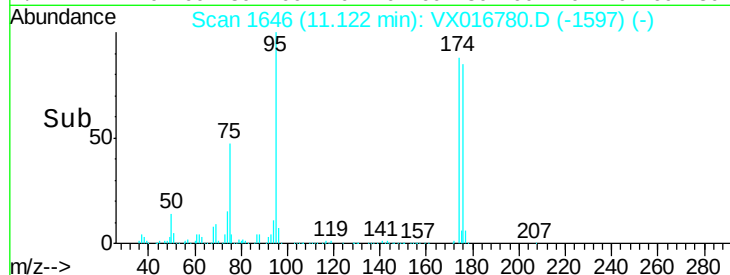
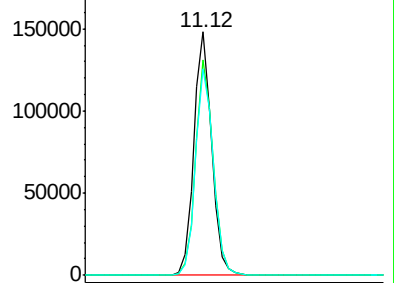
176 85.1 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX016780.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016780.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016780.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

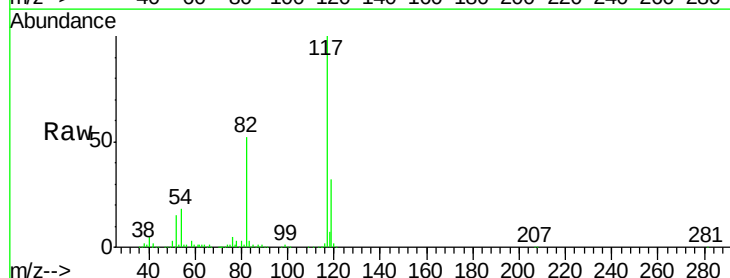
Tgt Ion: 117 Resp: 374813

Ion Ratio Lower Upper

117 100

82 52.5 43.8 65.6

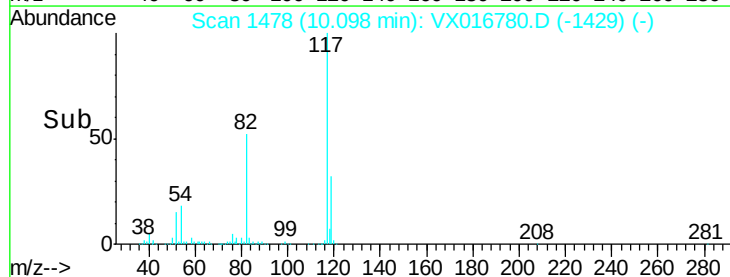
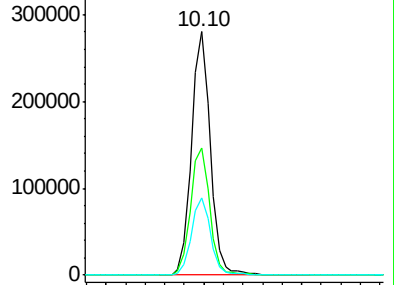
119 31.7 26.2 39.4

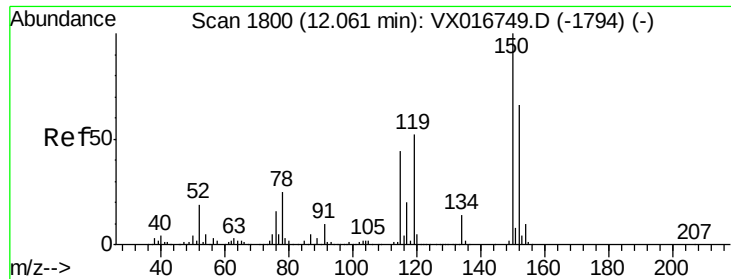


Abundance Ion 116.90 (116.60 to 117.60): VX016780.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016780.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016780.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016780.D

Acq: 16 Jun 2020 15:30

Instrument :

MSVOA\_X

ClientSampleId :

AOC50MW002-200610

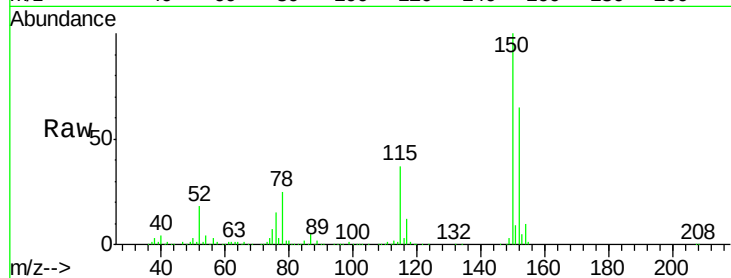
Tot Ion:152 Resp: 186894

Ion Ratio Lower Upper

152 100

115 57.1 40.3 120.8

150 155.4 0.0 337.4



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

