

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\  
 Data File : VX019025.D  
 Acq On : 22 Oct 2020 14:30  
 Operator : JC/SP  
 Sample : L4417-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-8

Quant Time: Oct 23 09:06:06 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

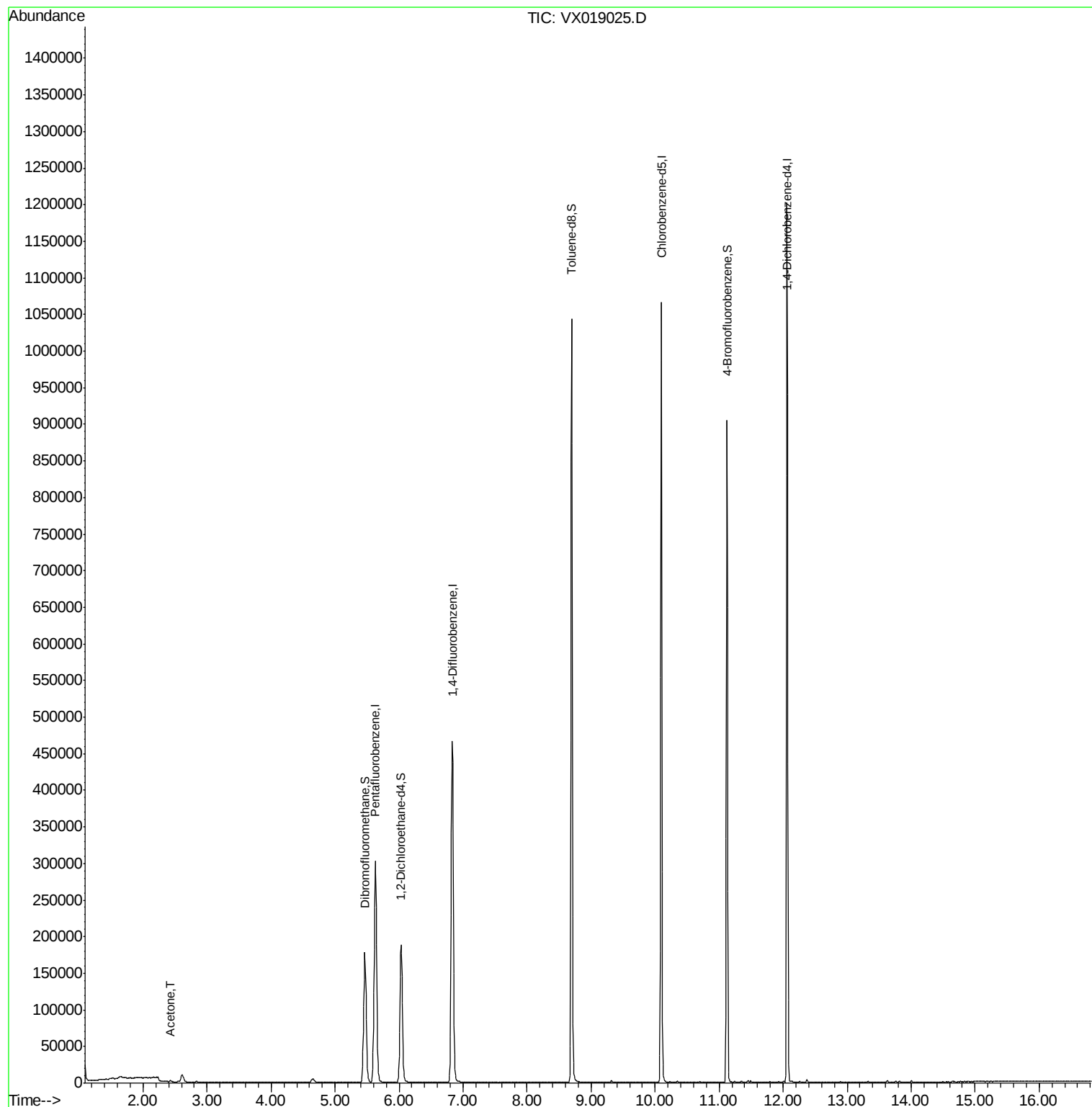
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.63  | 168  | 297242   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 504160   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 498101   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 243814   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 177747   | 49.92 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 99.84%  |           |
| 35) Dibromofluoromethane    | 5.47  | 113  | 156122   | 48.91 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.82%  |           |
| 50) Toluene-d8              | 8.70  | 98   | 626480   | 51.43 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 102.86% |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 231862   | 53.51 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 107.02% |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.43  | 43   | 2199     | 1.813 | ug/l    | Qvalue 93 |

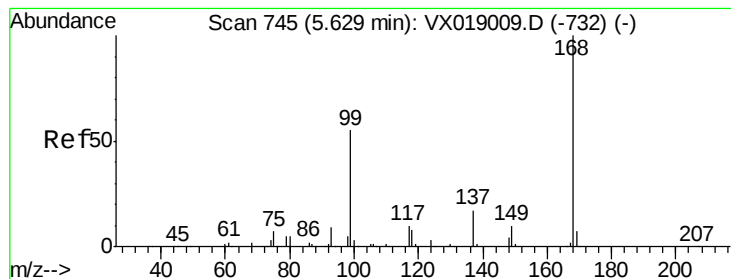
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA\_X

ClientSampleId :

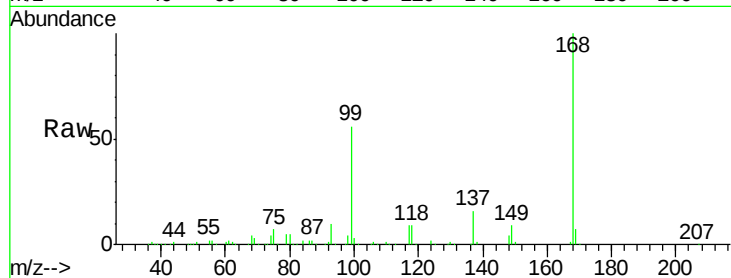
MW-8

Tot Ion:168 Resp: 297242

Ion Ratio Lower Upper

168 100

99 55.5 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

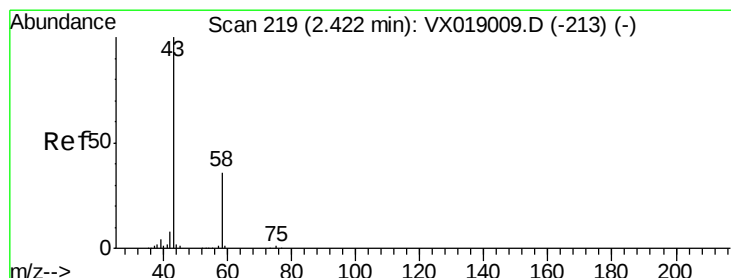
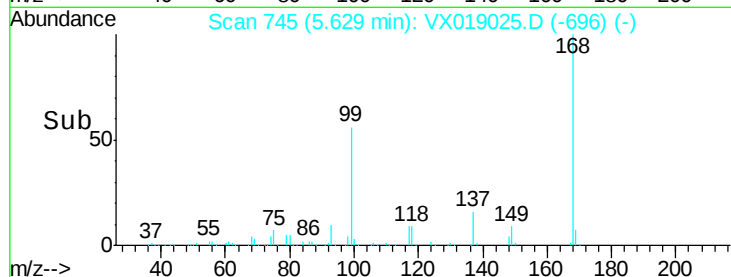
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.813 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019025.D

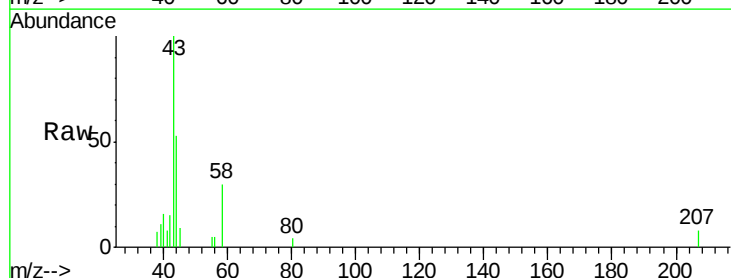
Acq: 22 Oct 2020 14:30

Tgt Ion: 43 Resp: 2199

Ion Ratio Lower Upper

43 100

58 31.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

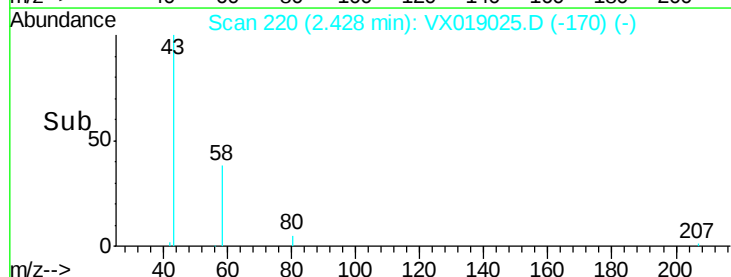
1500

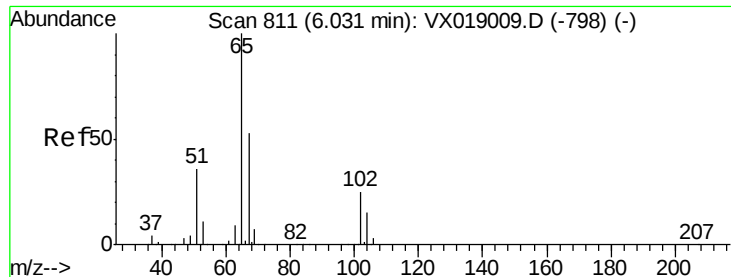
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.922 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA\_X

ClientSampleId :

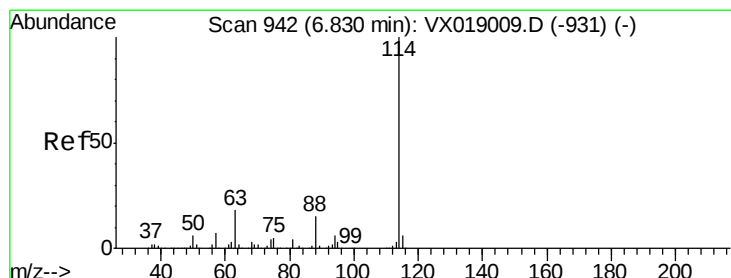
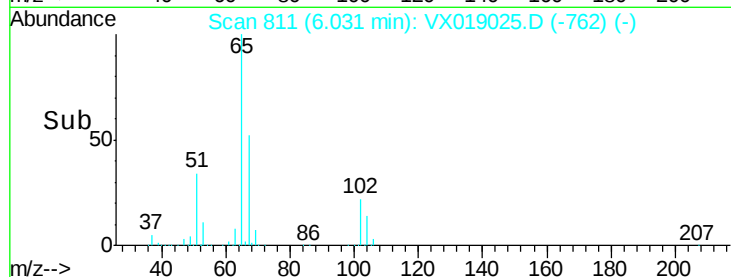
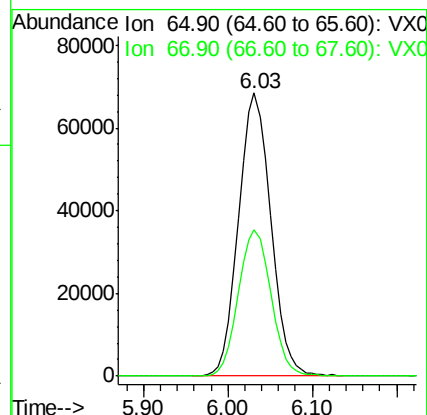
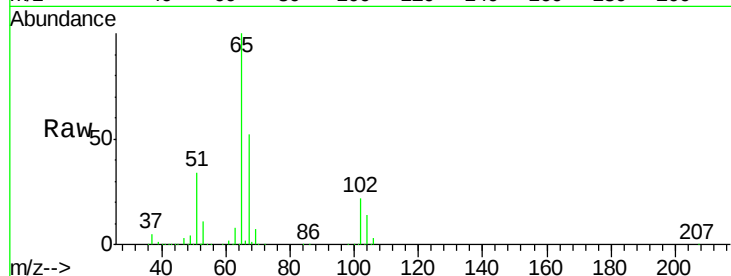
MW-8

Tot Ion: 65 Resp: 177747

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: VX019025.D

Acq: 22 Oct 2020 14:30

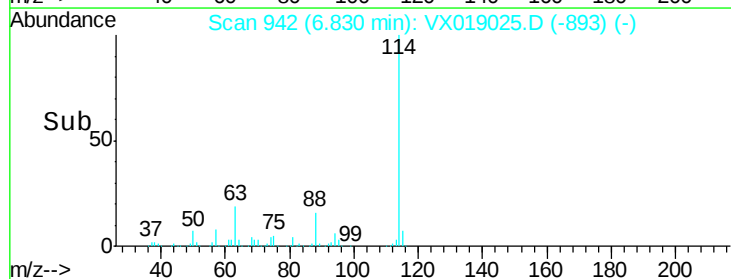
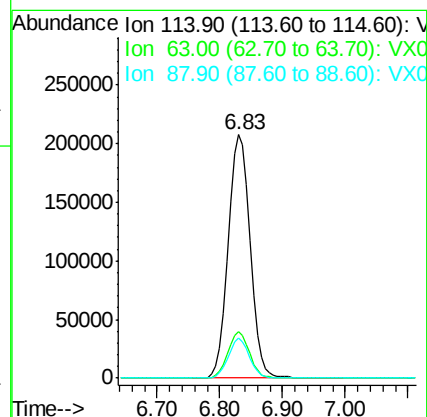
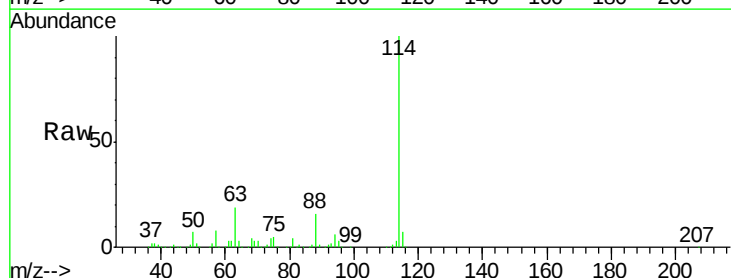
Tgt Ion: 114 Resp: 504160

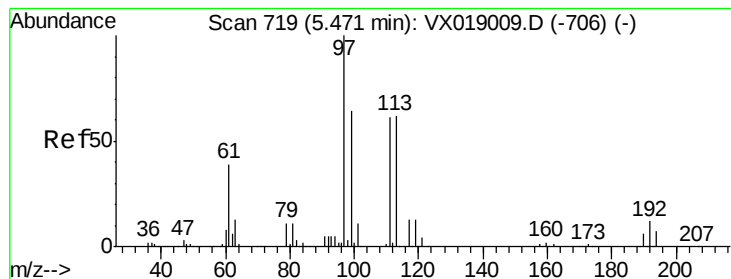
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA\_X

ClientSampled :

MW-8

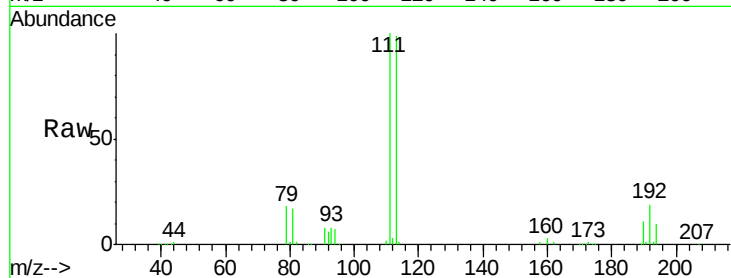
Tot Ion:113 Resp: 156122

Ion Ratio Lower Upper

113 100

111 101.4 81.5 122.3

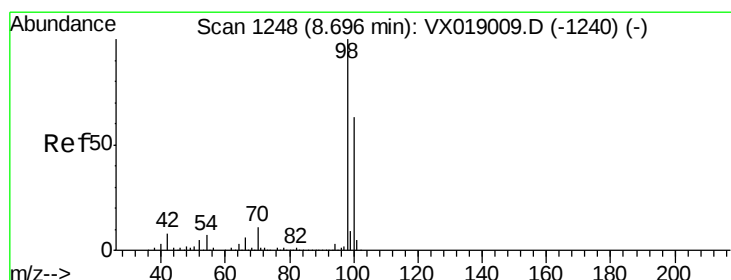
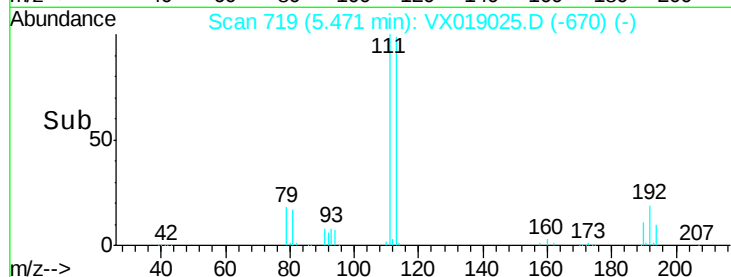
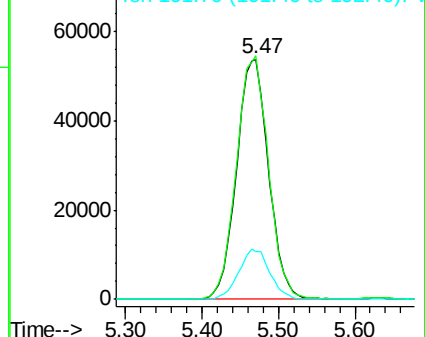
192 20.2 16.3 24.5



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: 51.432 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019025.D

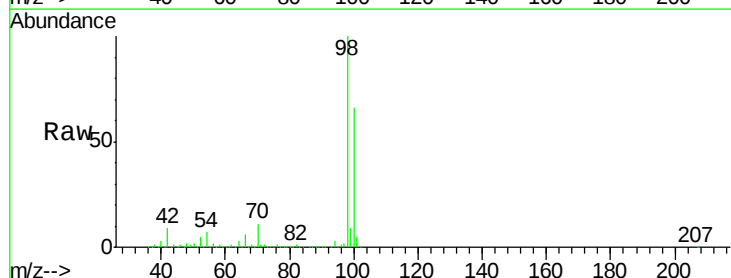
Acq: 22 Oct 2020 14:30

Tgt Ion: 98 Resp: 626480

Ion Ratio Lower Upper

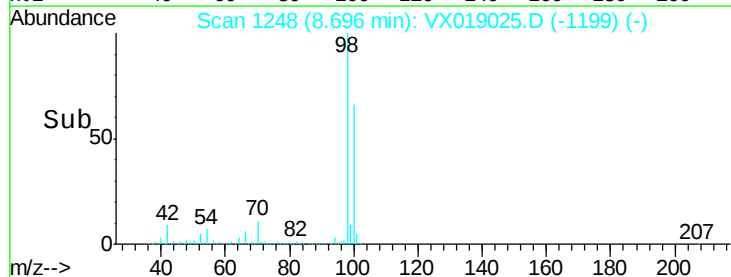
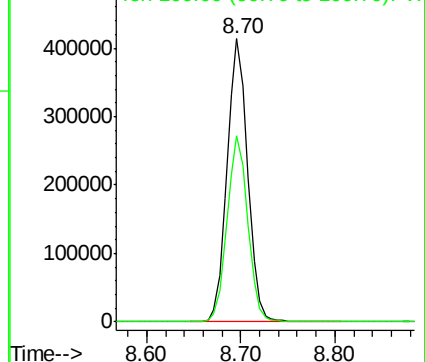
98 100

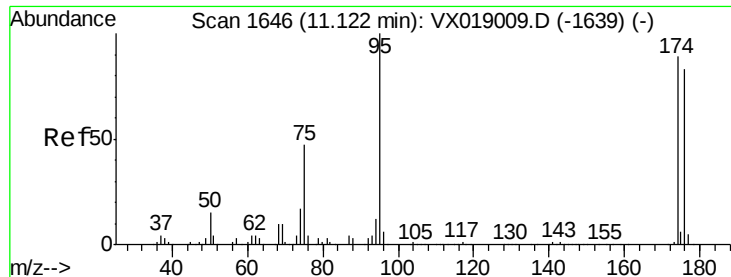
100 65.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.514 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA\_X

ClientSampled :

MW-8

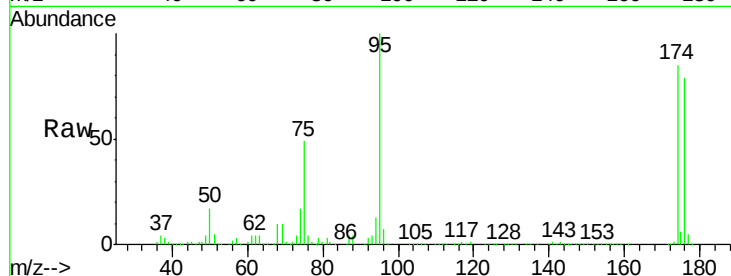
Tot Ion: 95 Resp: 231862

Ion Ratio Lower Upper

95 100

174 82.9 0.0 167.6

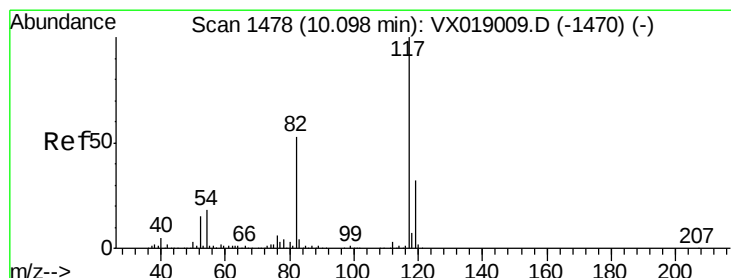
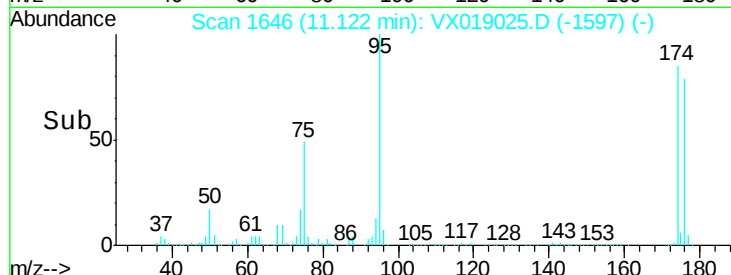
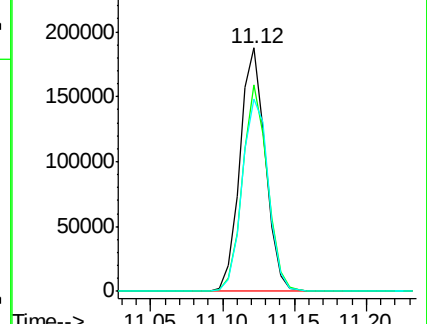
176 81.5 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

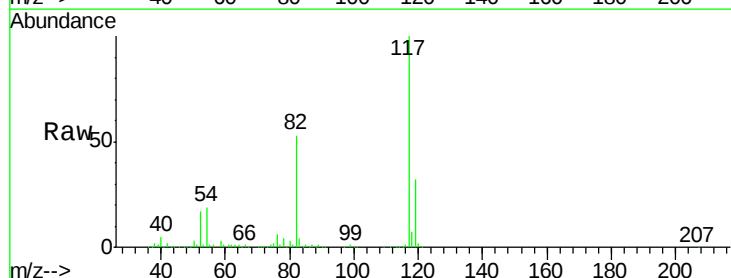
Tgt Ion: 117 Resp: 498101

Ion Ratio Lower Upper

117 100

82 53.0 42.4 63.6

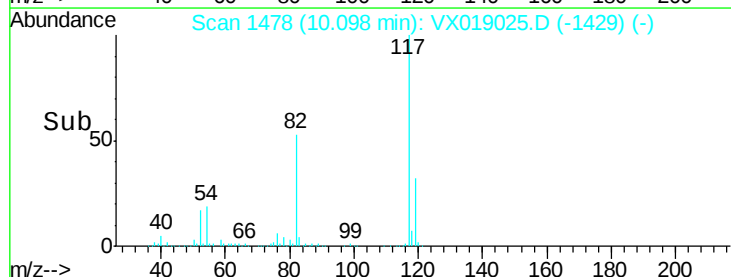
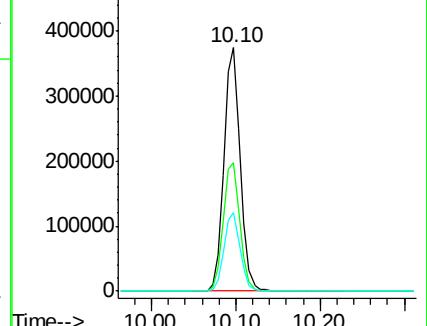
119 32.4 25.6 38.4

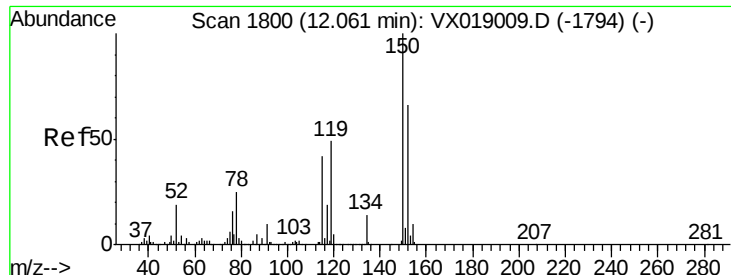


Abundance Ion 116.90 (116.60 to 117.60): VX019009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019009.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019025.D

Acq: 22 Oct 2020 14:30

Instrument :

MSVOA\_X

ClientSampleId :

MW-8

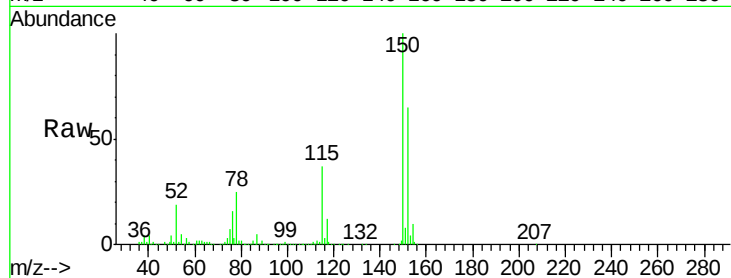
Tot Ion:152 Resp: 243814

Ion Ratio Lower Upper

152 100

115 58.2 40.8 122.5

150 156.5 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

