

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\  
 Data File : VX018468.D  
 Acq On : 17 Sep 2020 16:01  
 Operator : JC/SP  
 Sample : L4014-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-1

Quant Time: Sep 24 05:41:47 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091720W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 17 12:17:36 2020  
 Response via : Initial Calibration

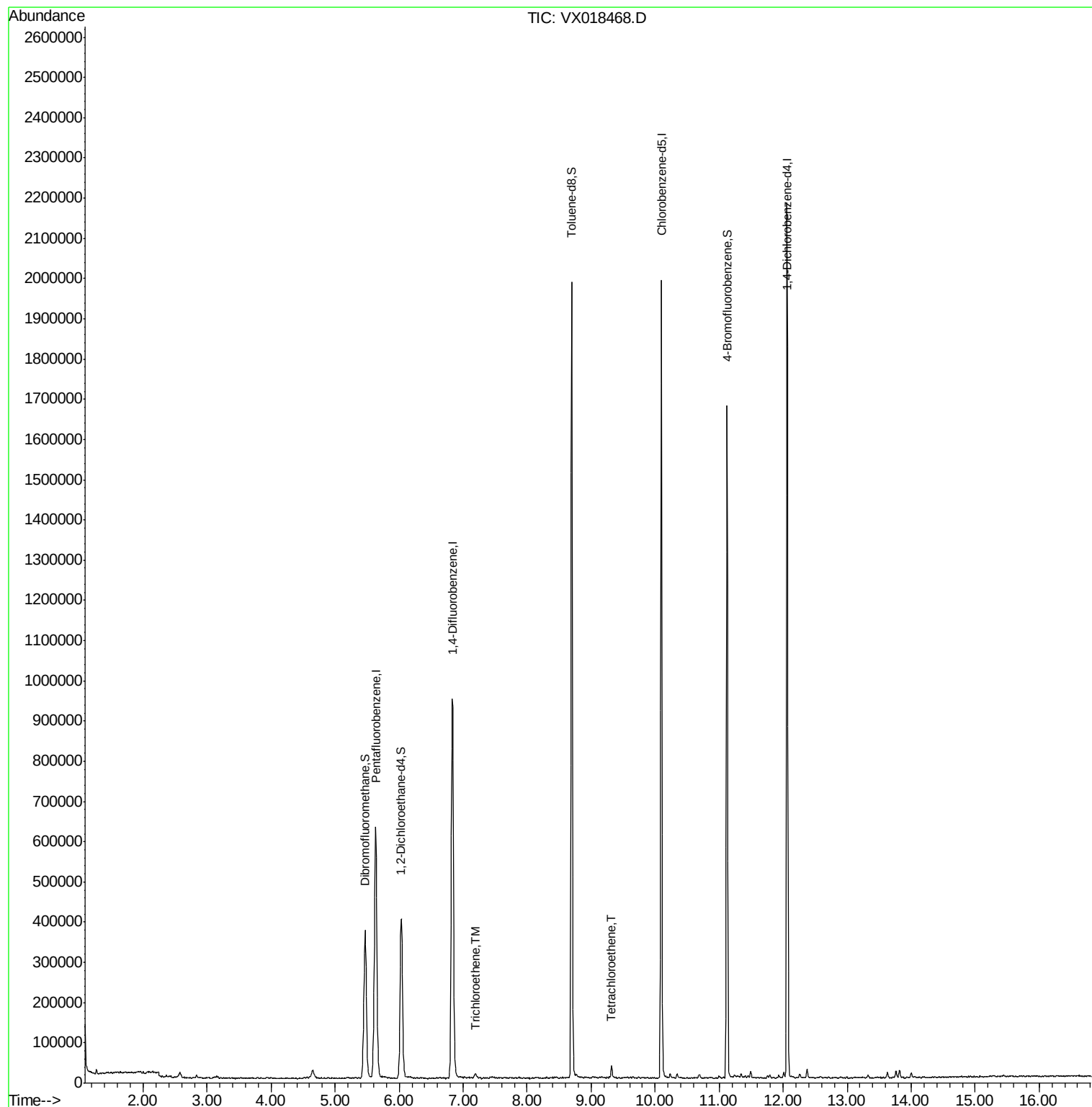
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 577912   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.83  | 114  | 958265   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 888503   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 434592   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.03  | 65   | 391806   | 47.92 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.84% |          |
| 35) Dibromofluoromethane    | 5.47  | 113  | 318720   | 48.11 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.22% |          |
| 50) Toluene-d8              | 8.70  | 98   | 1155729  | 48.02 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.04% |          |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 435919   | 45.53 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.06% |          |
| Target Compounds            |       |      |          |       |        |          |
| 44) Trichloroethene         | 7.20  | 130  | 3476     | 0.450 | ug/l   | 98       |
| 64) Tetrachloroethene       | 9.32  | 164  | 6602     | 0.944 | ug/l   | 90       |

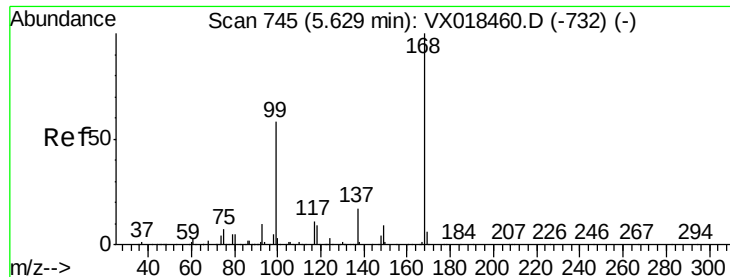
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Sep 17 12:17:36 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: VX018468.D

Acq: 17 Sep 2020 16:01

Instrument :

MSVOA\_X

ClientSampleId :

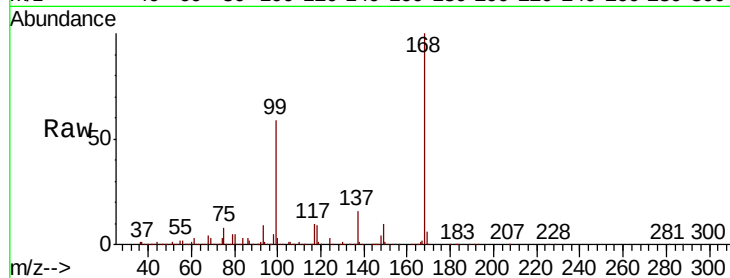
MW-1

Tot Ion:168 Resp: 577912

Ion Ratio Lower Upper

168 100

99 59.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

100000

50000

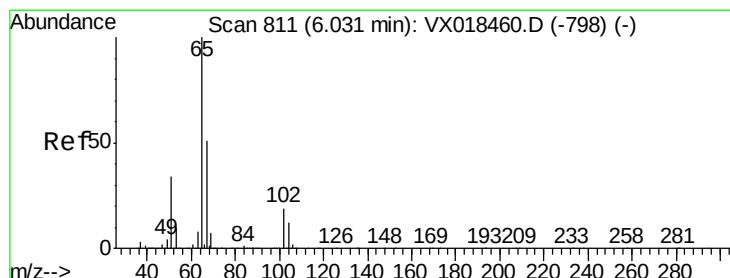
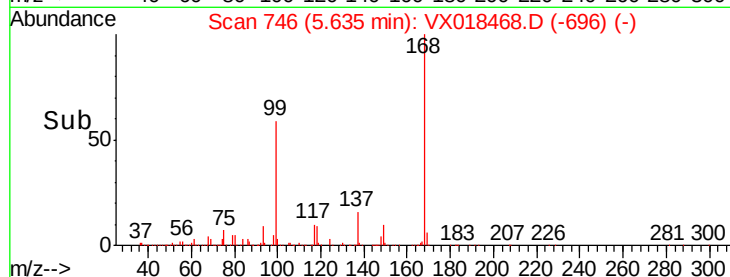
0

Time-->

5.50

5.60

5.70



#33

1,2-Dichloroethane-d4

Concen: 47.925 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018468.D

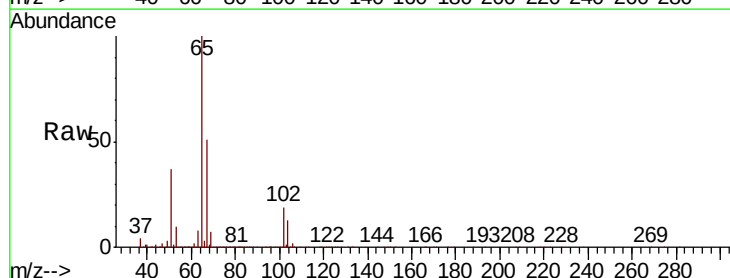
Acq: 17 Sep 2020 16:01

Tgt Ion: 65 Resp: 391806

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

100000

50000

0

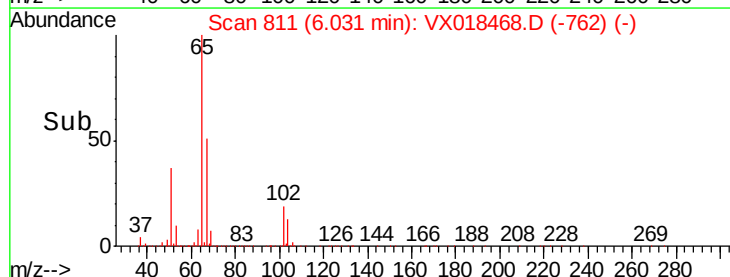
Time-->

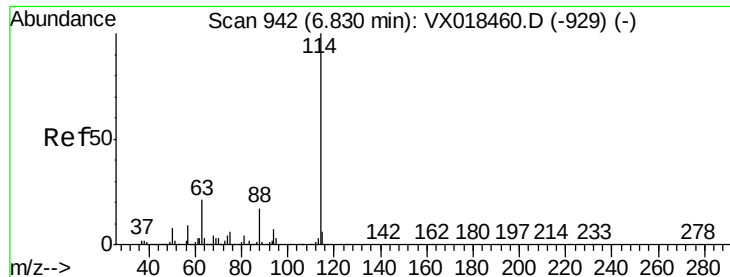
5.90

6.00

6.10

6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018468.D

Acq: 17 Sep 2020 16:01

Instrument :

MSVOA\_X

ClientSampled :

MW-1

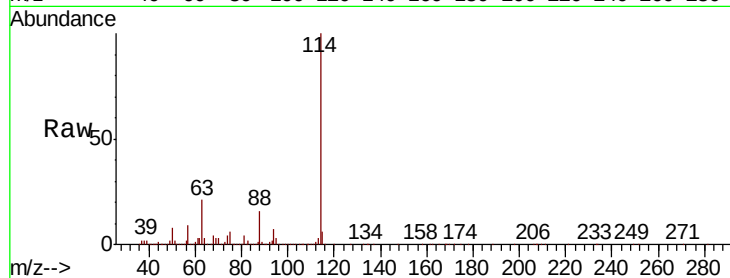
Tot Ion:114 Resp: 958265

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

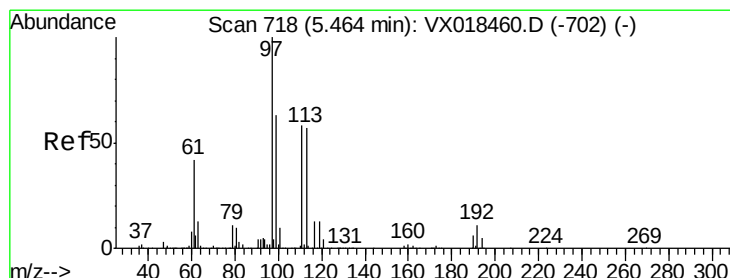
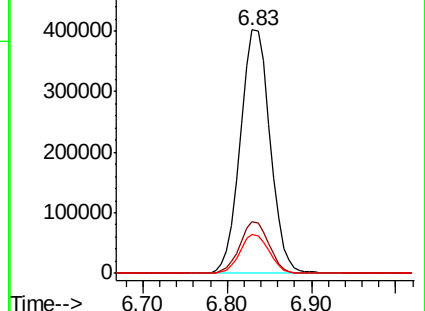
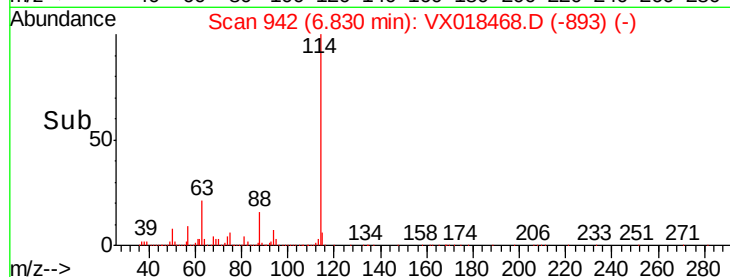
88 16.0 0.0 33.6



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: 48.111 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018468.D

Acq: 17 Sep 2020 16:01

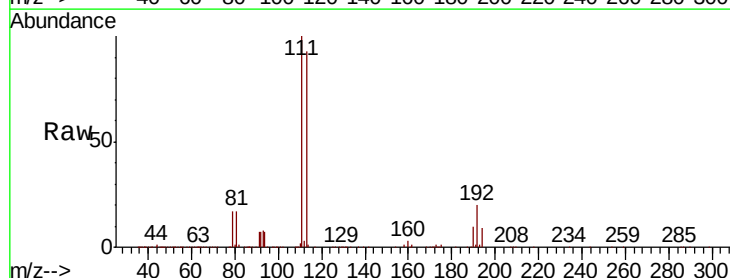
Tgt Ion:113 Resp: 318720

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

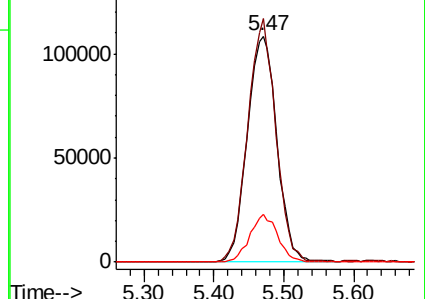
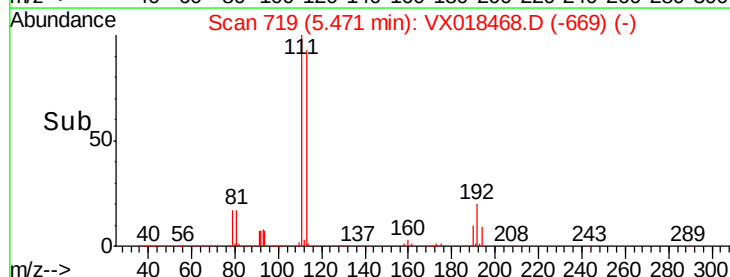
192 19.9 16.6 24.8

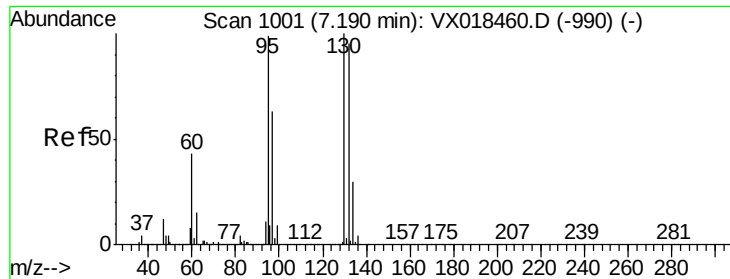


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.450 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018468.D

Acq: 17 Sep 2020 16:01

Instrument :

MSVOA\_X

ClientSampled :

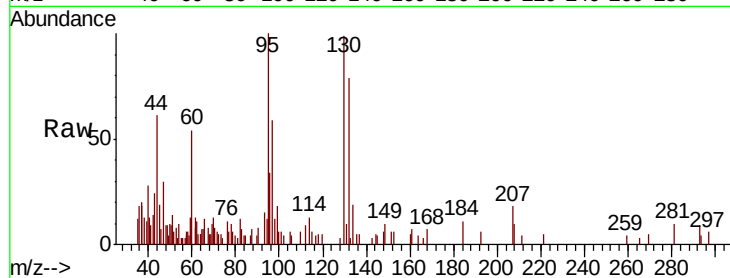
MW-1

Tot Ion:130 Resp: 3476

Ion Ratio Lower Upper

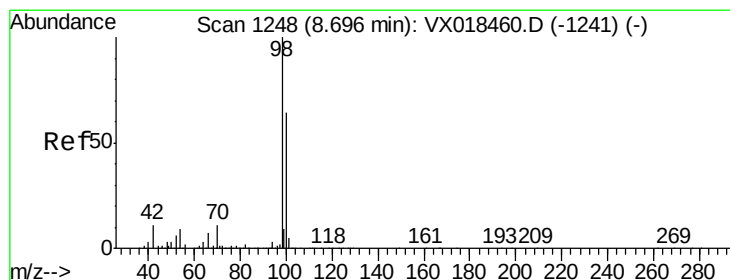
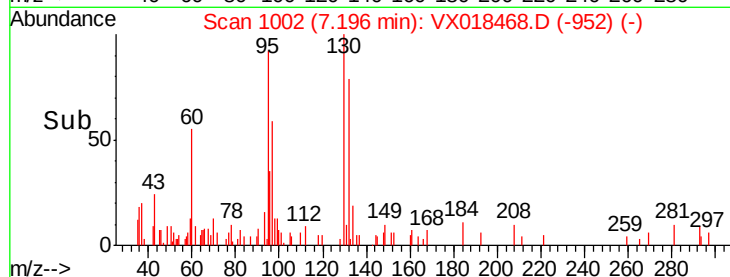
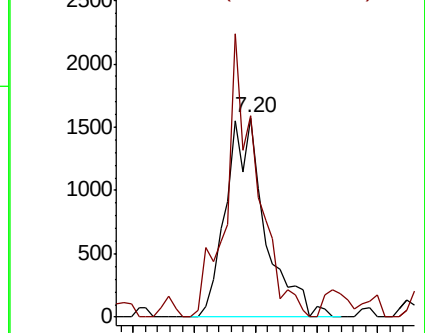
130 100

95 101.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.016 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018468.D

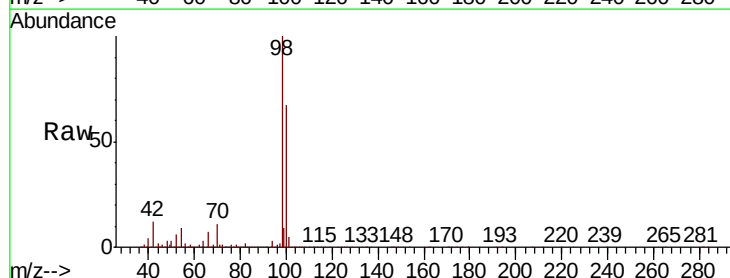
Acq: 17 Sep 2020 16:01

Tgt Ion: 98 Resp: 1155729

Ion Ratio Lower Upper

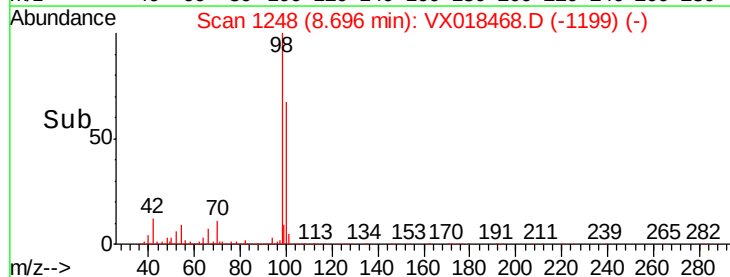
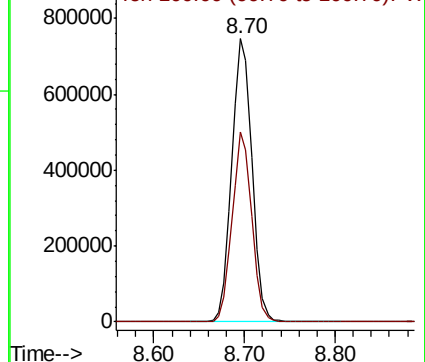
98 100

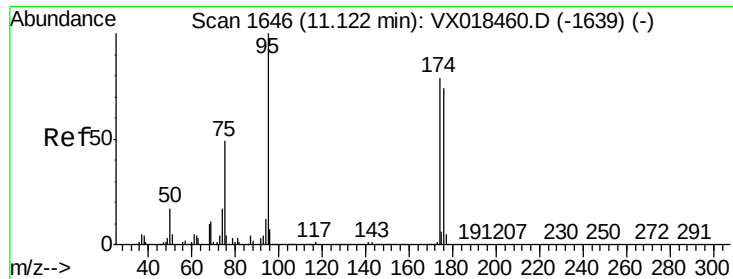
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

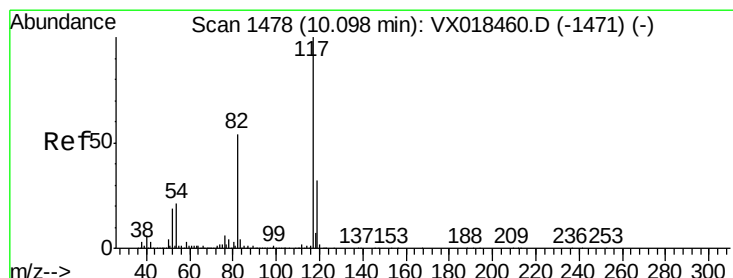
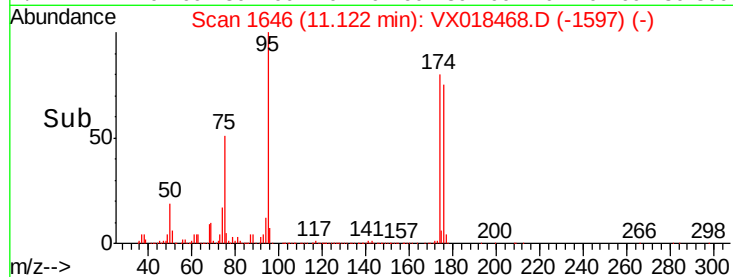
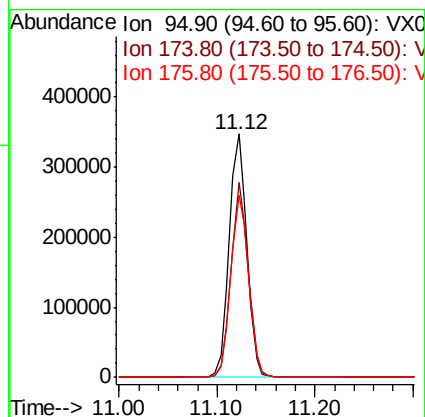
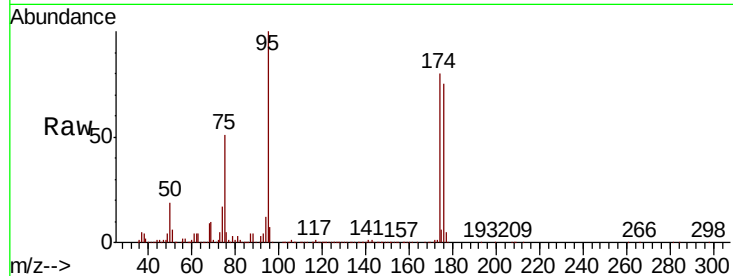




#62  
4-Bromofluorobenzene  
Concen: 45.530 ug/l  
RT: 11.12 min Scan# 1646  
Delta R.T. 0.00 min  
Lab File: VX018468.D  
Acq: 17 Sep 2020 16:01

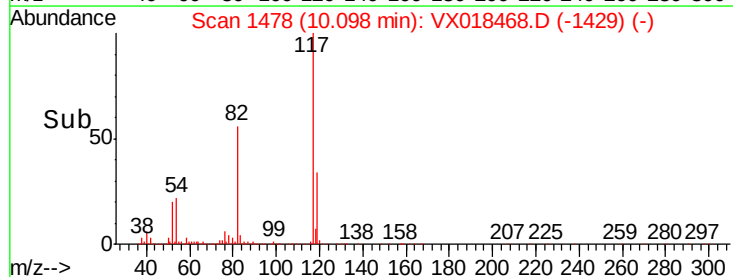
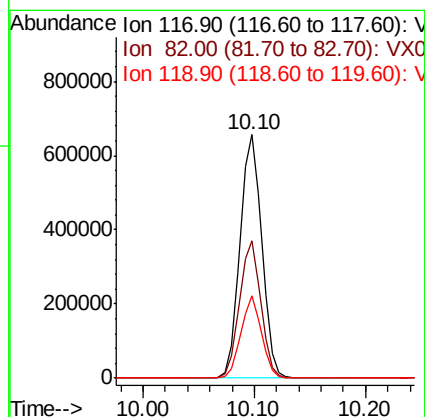
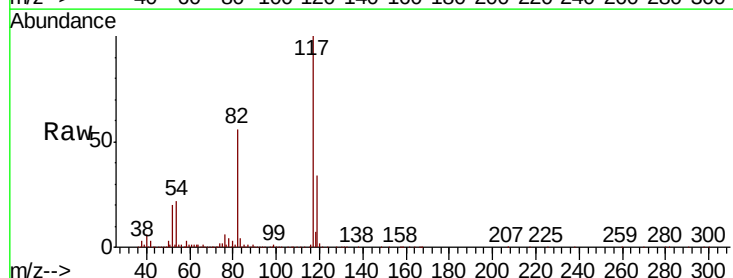
Instrument :  
MSVOA\_X  
ClientSampled :  
MW-1

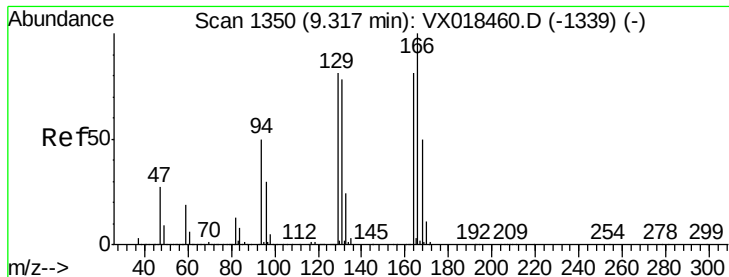
Tot Ion: 95 Resp: 435919  
Ion Ratio Lower Upper  
95 100  
174 78.3 0.0 161.4  
176 75.6 0.0 151.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. 0.00 min  
Lab File: VX018468.D  
Acq: 17 Sep 2020 16:01

Tgt Ion: 117 Resp: 888503  
Ion Ratio Lower Upper  
117 100  
82 56.3 43.3 64.9  
119 34.0 25.9 38.9





#64

Tetrachloroethene

Concen: 0.944 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018468.D

Acq: 17 Sep 2020 16:01

Instrument :

MSVOA\_X

ClientSampleId :

MW-1

Tot Ion:164 Resp: 6602

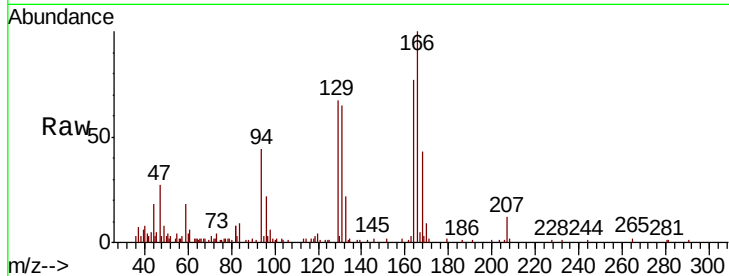
Ion Ratio Lower Upper

164 100

166 130.2 99.3 148.9

129 87.6 80.7 121.1

131 84.3 77.2 115.8

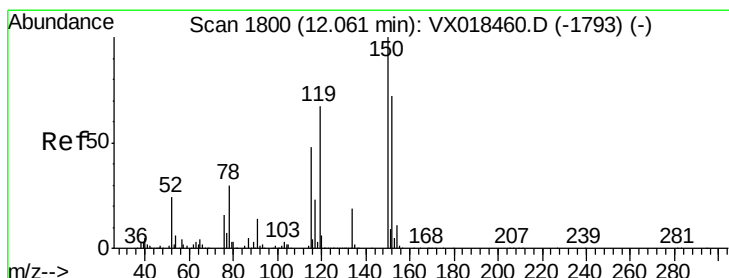
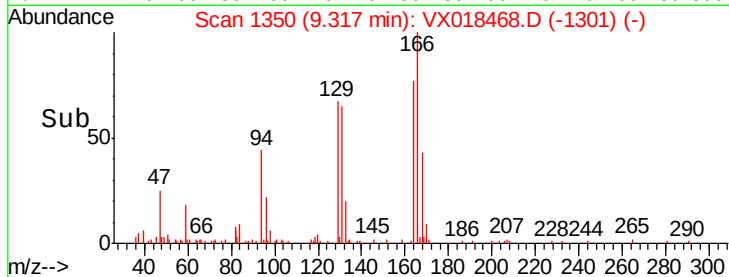
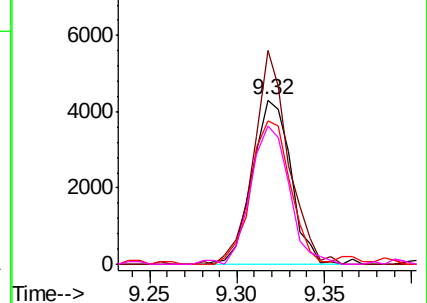


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX018468.D

Acq: 17 Sep 2020 16:01

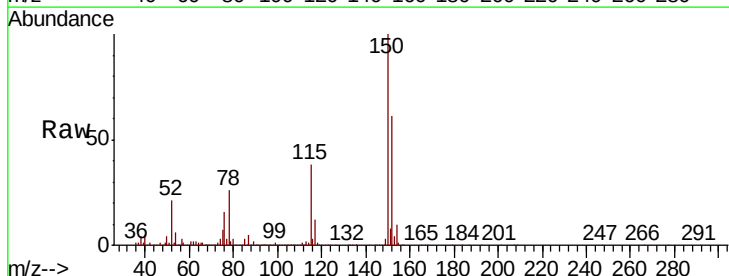
Tgt Ion:152 Resp: 434592

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

150 157.7 0.0 342.4



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

