

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\  
 Data File : VX018152.D  
 Acq On : 31 Aug 2020 17:02  
 Operator : JC/SP  
 Sample : L3846-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB181-GW-738-740

Quant Time: Sep 01 06:34:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 21 03:03:56 2020  
 Response via : Initial Calibration

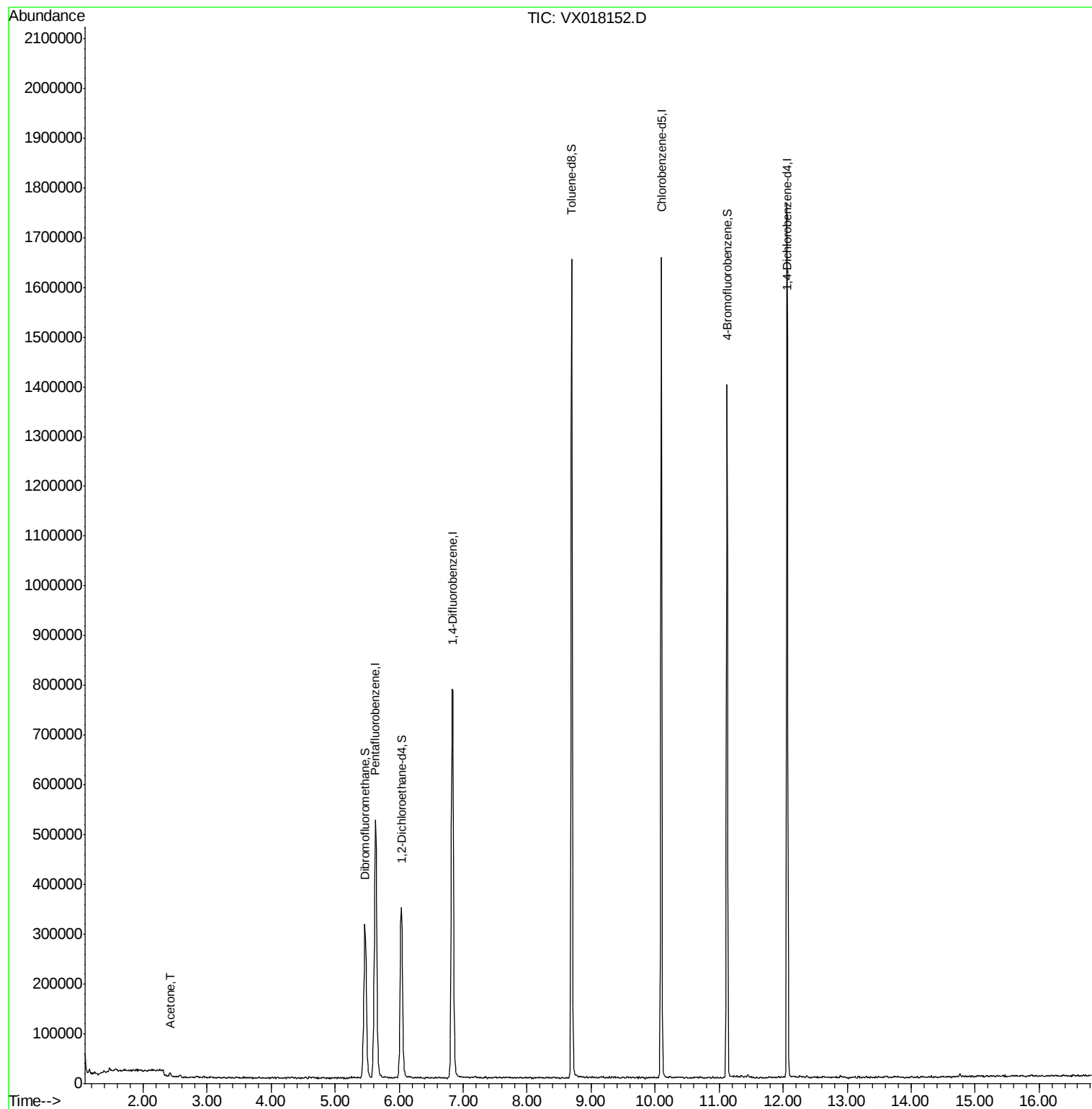
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.64  | 168  | 489198   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.84  | 114  | 791473   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.10 | 117  | 733720   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.06 | 152  | 361159   | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 340643   | 50.16 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.32% |           |
| 35) Dibromofluoromethane    | 5.47  | 113  | 271449   | 50.36 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 100.72% |           |
| 50) Toluene-d8              | 8.70  | 98   | 949027   | 47.27 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.54%  |           |
| 62) 4-Bromofluorobenzene    | 11.12 | 95   | 352745   | 44.66 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.32%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.42  | 43   | 9097     | 3.438 | ug/l    | Qvalue 92 |

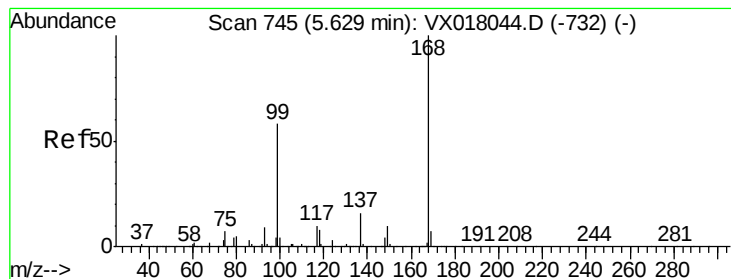
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX083120\  
Data File : VX018152.D  
Acq On : 31 Aug 2020 17:02  
Operator : JC/SP  
Sample : L3846-03  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-738-740

Quant Time: Sep 01 06:34:29 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082120W.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 21 03:03:56 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: VX018152.D

Acq: 31 Aug 2020 17:02

Instrument :

MSVOA\_X

ClientSampleId :

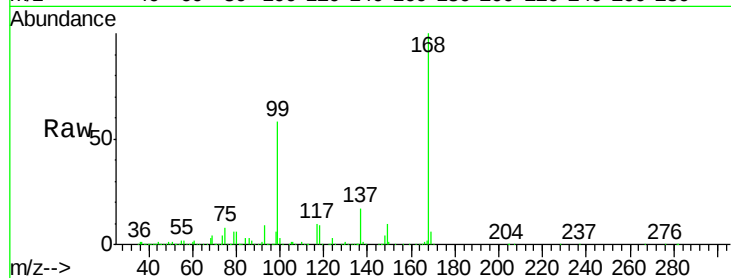
BP-VPB181-GW-738-740

Tot Ion:168 Resp: 489198

Ion Ratio Lower Upper

168 100

99 57.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

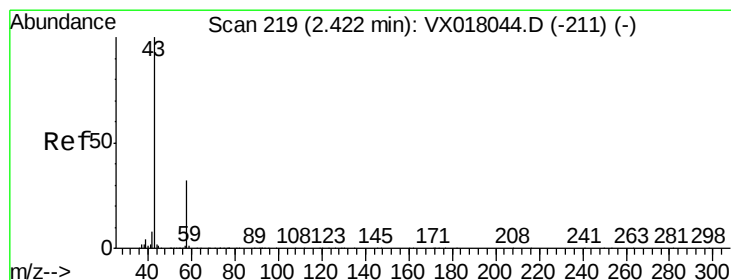
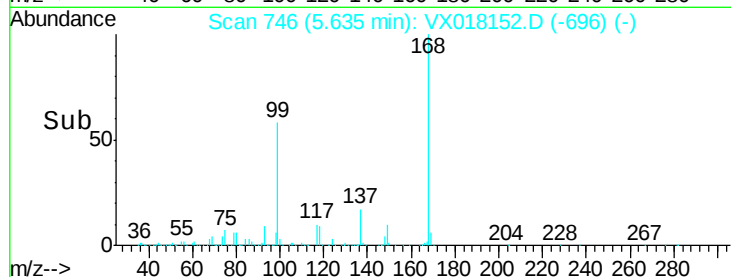
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.438 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018152.D

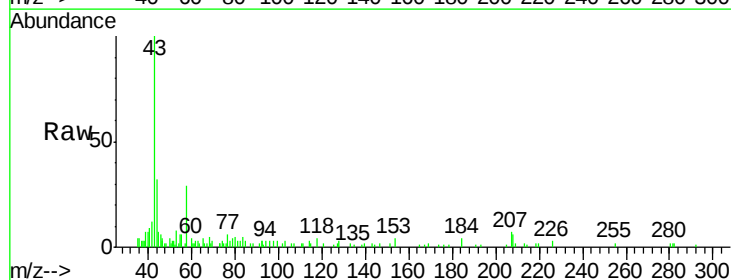
Acq: 31 Aug 2020 17:02

Tgt Ion: 43 Resp: 9097

Ion Ratio Lower Upper

43 100

58 27.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

5000

4000

3000

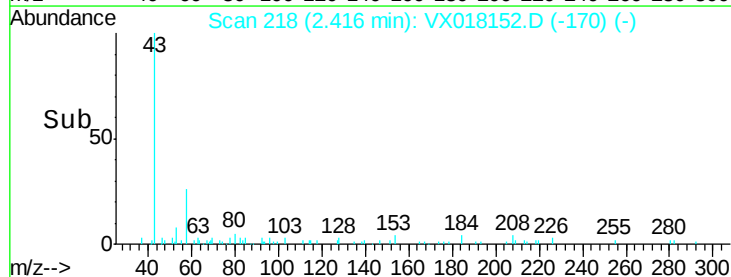
2000

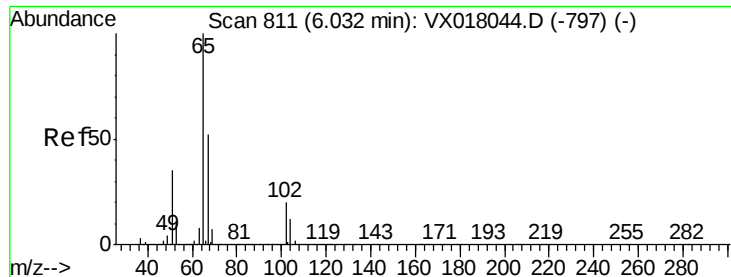
1000

0

Time-->

2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.159 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018152.D

Acq: 31 Aug 2020 17:02

Instrument :

MSVOA\_X

ClientSampleId :

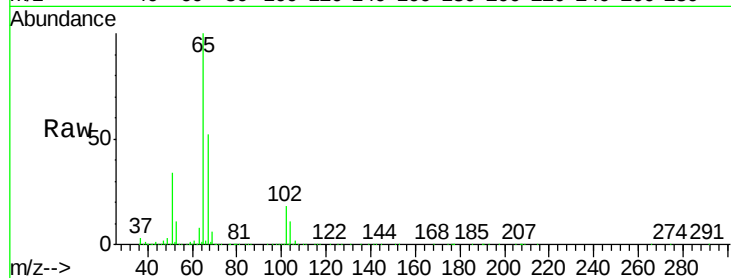
BP-VPB181-GW-738-740

Tot Ion: 65 Resp: 340643

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

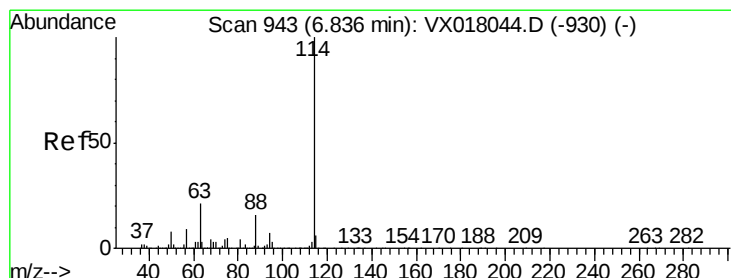
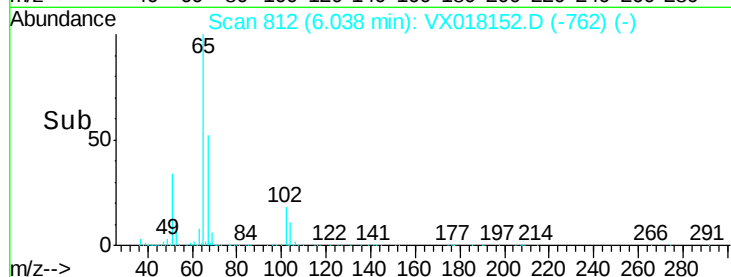
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. -0.00 min

Lab File: VX018152.D

Acq: 31 Aug 2020 17:02

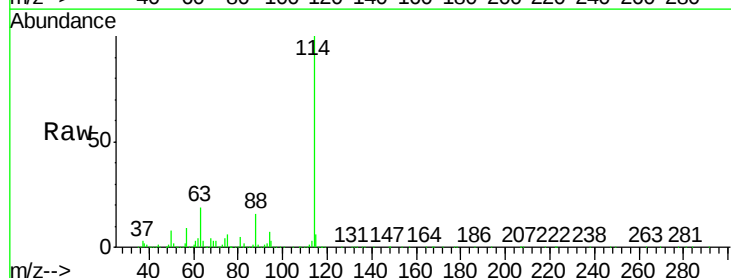
Tgt Ion: 114 Resp: 791473

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.6

88 15.6 0.0 31.8



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

6.84

400000

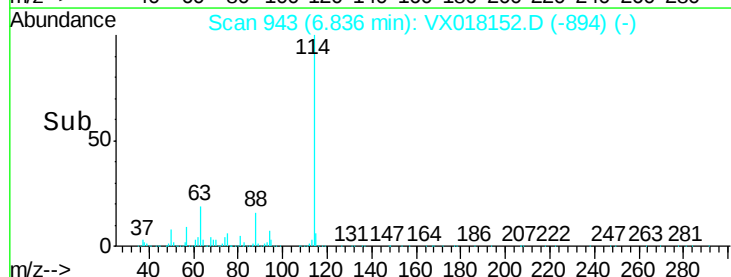
300000

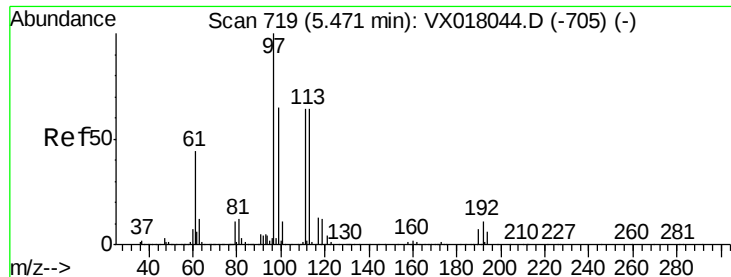
200000

100000

0

Time-->

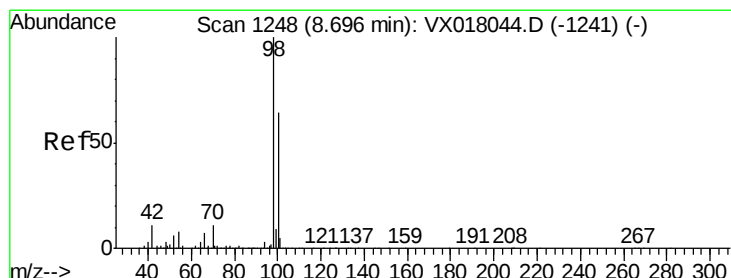
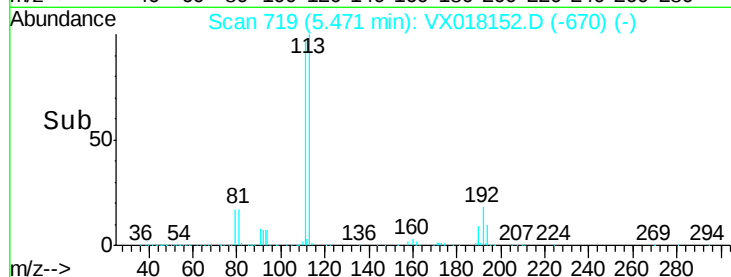
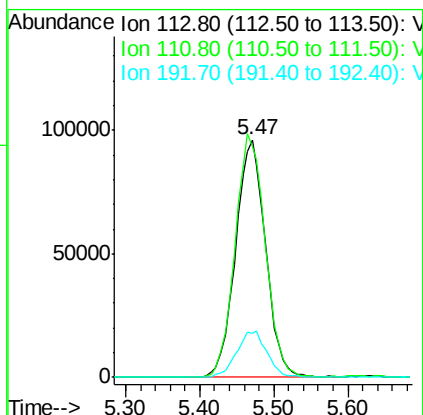
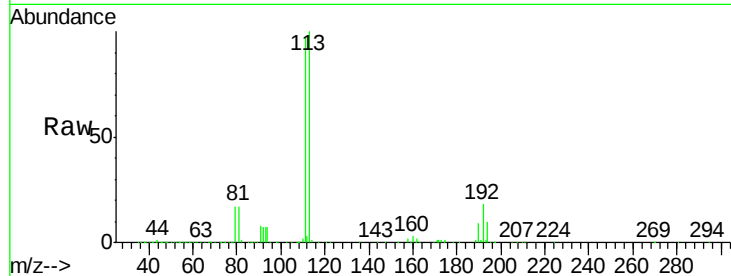




#35  
Dibromofluoromethane  
Concen: 50.359 ug/l  
RT: 5.47 min Scan# 719  
Delta R.T. -0.00 min  
Lab File: VX018152.D  
Acq: 31 Aug 2020 17:02

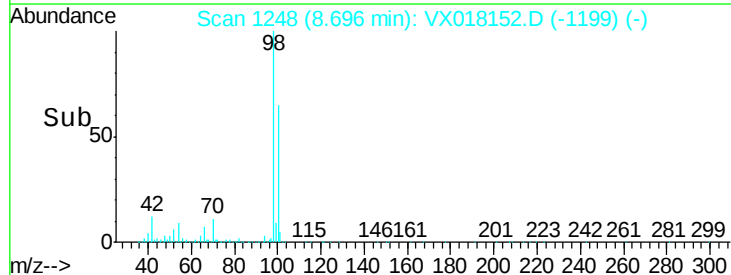
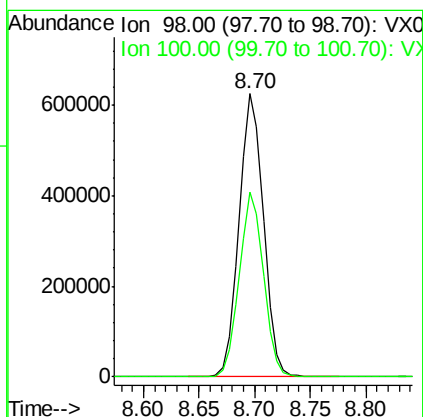
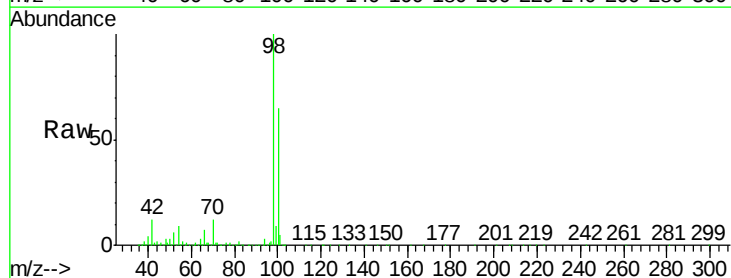
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB181-GW-738-740

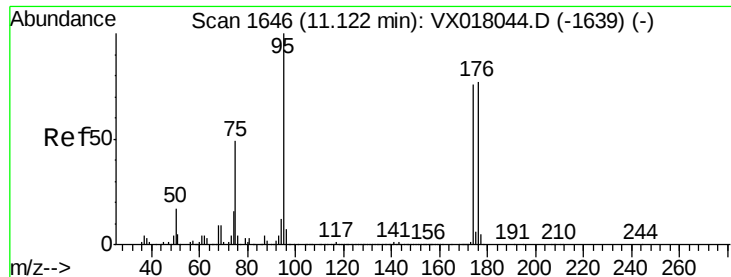
Tot Ion:113 Resp: 271449  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.6 122.4  
192 19.8 15.8 23.8



#50  
Toluene-d8  
Concen: 47.270 ug/l  
RT: 8.70 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VX018152.D  
Acq: 31 Aug 2020 17:02

Tgt Ion: 98 Resp: 949027  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 44.657 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018152.D

Acq: 31 Aug 2020 17:02

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-738-740

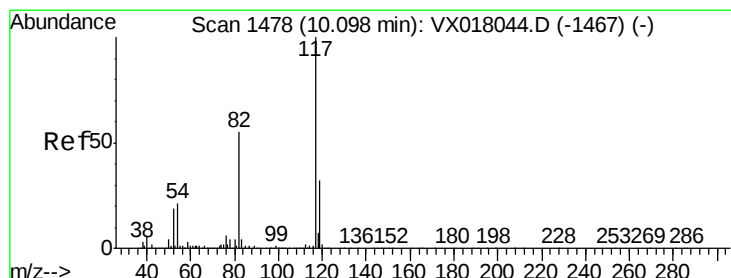
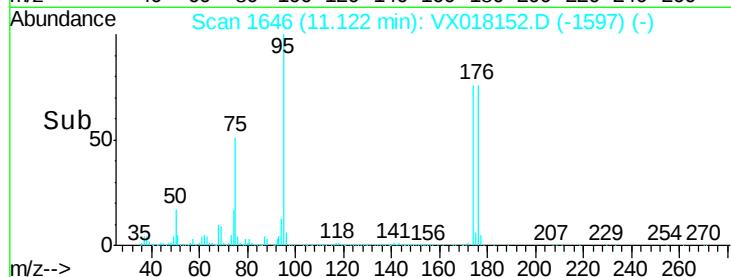
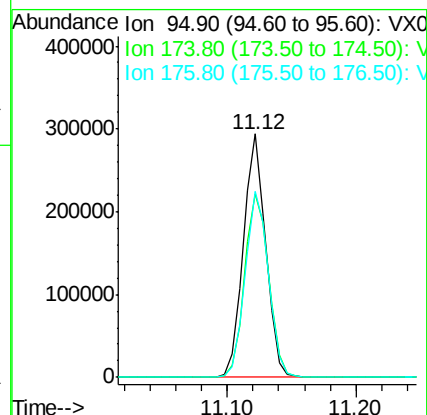
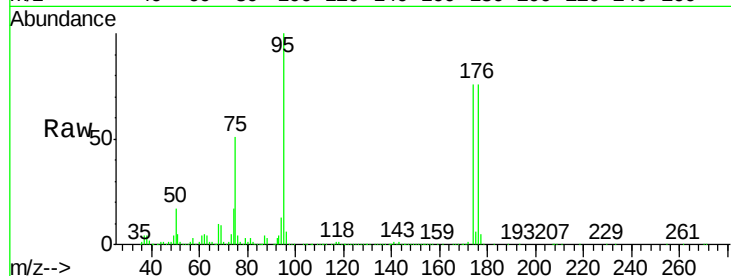
Tot Ion: 95 Resp: 352745

Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.2

176 79.3 0.0 155.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018152.D

Acq: 31 Aug 2020 17:02

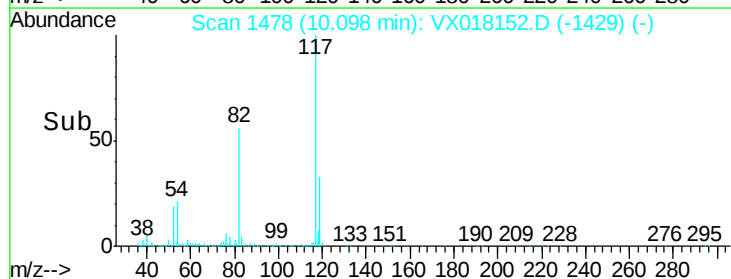
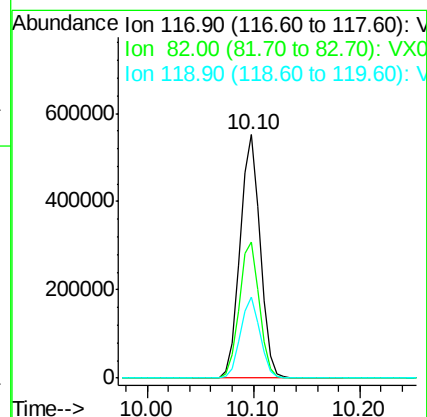
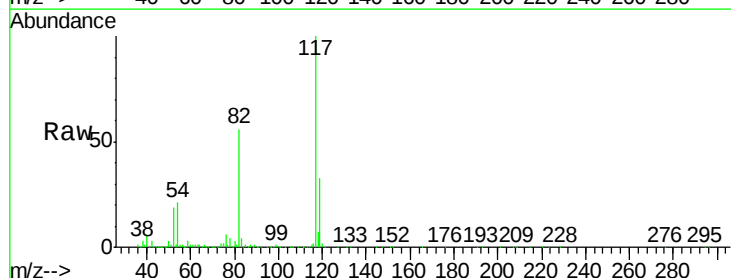
Tgt Ion: 117 Resp: 733720

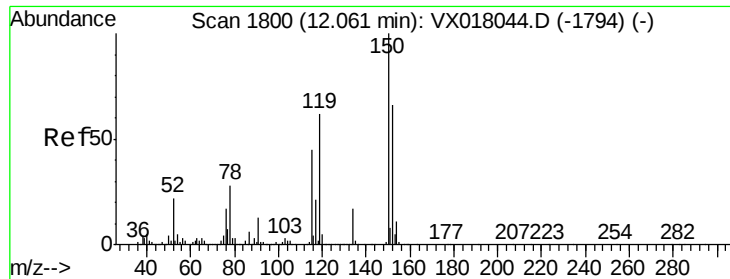
Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

119 33.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018152.D

Acq: 31 Aug 2020 17:02

Instrument :

MSVOA\_X

ClientSampleId :

BP-VPB181-GW-738-740

Tot Ion:152 Resp: 361159

Ion Ratio Lower Upper

152 100

115 58.6 41.5 124.5

150 154.5 0.0 343.8

