

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\  
 Data File : VX018179.D  
 Acq On : 01 Sep 2020 10:05  
 Operator : JC/SP  
 Sample : VX0901WBL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0901WBL01

Quant Time: Sep 02 03:00:35 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      | 5.62  | 168  | 479250   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.83  | 114  | 762511   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.10 | 117  | 706983   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 326786   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.03   | 65  | 334770   | 50.32 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.64% |      |
| 35) Dibromofluoromethane    | 5.46   | 113 | 266264   | 51.27 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.54% |      |
| 50) Toluene-d8              | 8.70   | 98  | 916797   | 47.40 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 94.80%  |      |
| 62) 4-Bromofluorobenzene    | 11.12  | 95  | 329149   | 43.25 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 86.50%  |      |

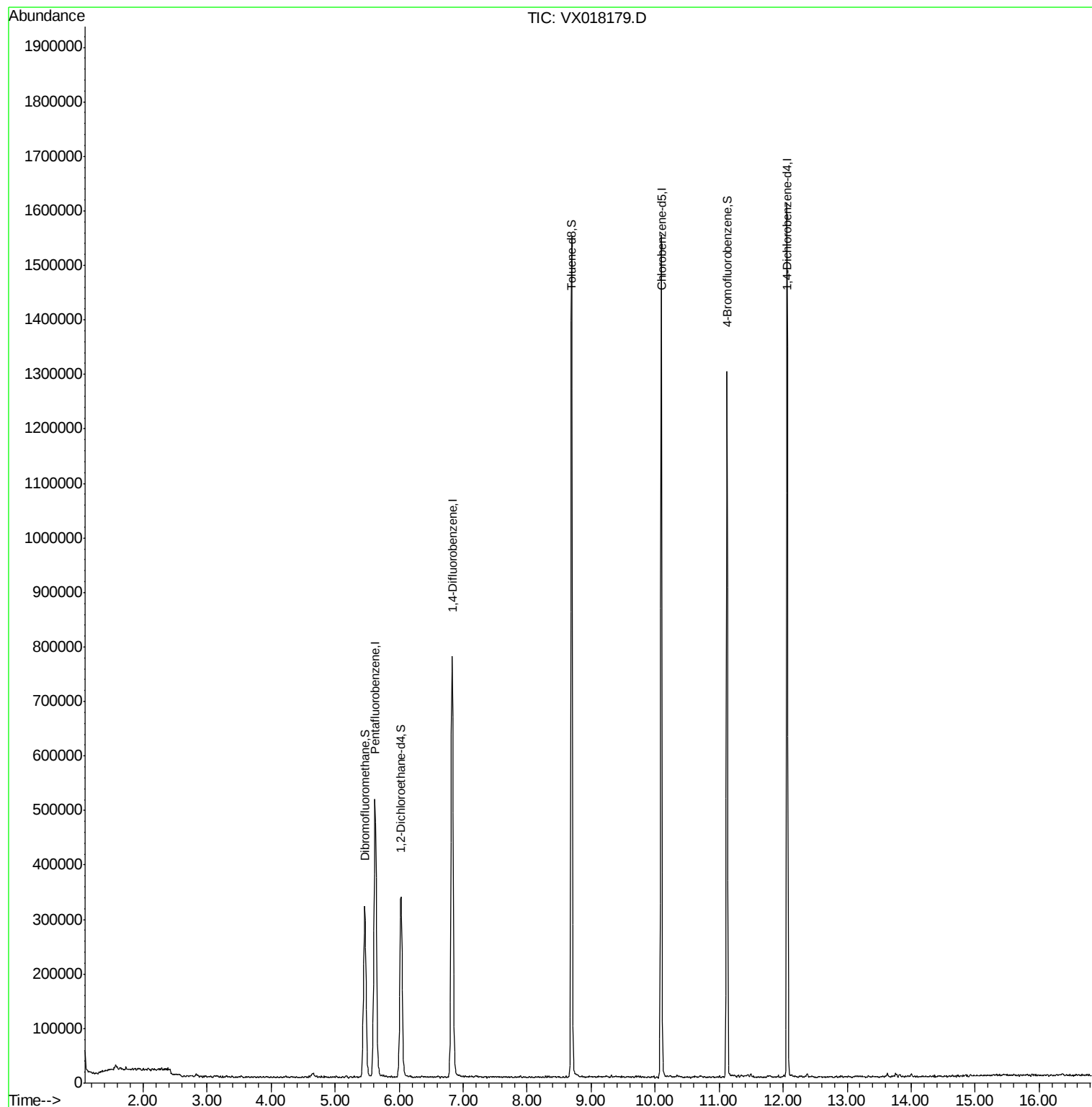
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

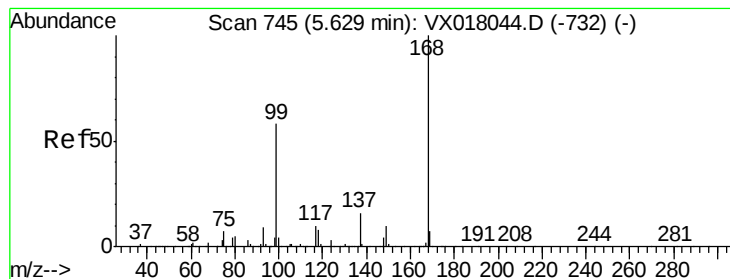
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
VX0901WBL01

Quant Time: Sep 02 03:00:35 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018179.D

Acq: 01 Sep 2020 10:05

Instrument :

MSVOA\_X

ClientSampleId :

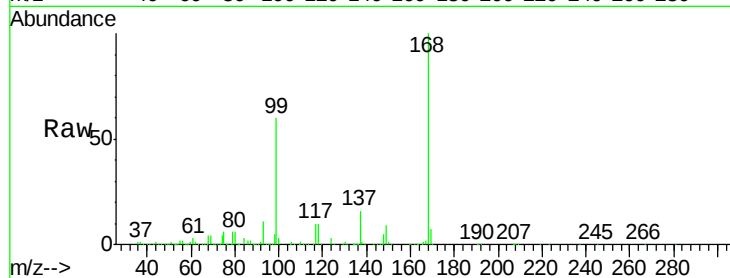
VX0901WBL01

Tot Ion:168 Resp: 479250

Ion Ratio Lower Upper

168 100

99 60.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

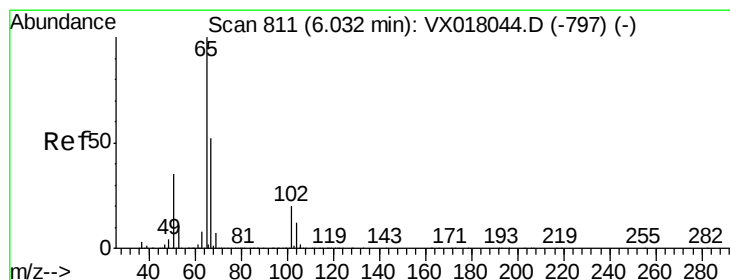
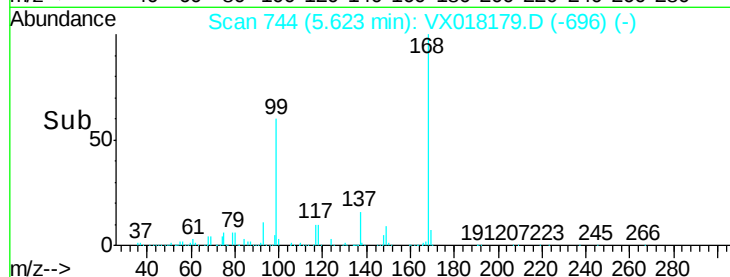
100000

50000

0

Time-->

5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 50.317 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018179.D

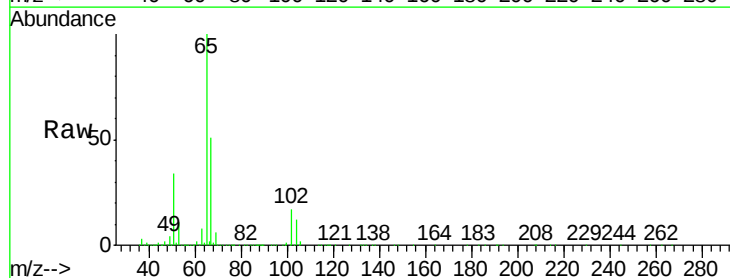
Acq: 01 Sep 2020 10:05

Tgt Ion: 65 Resp: 334770

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

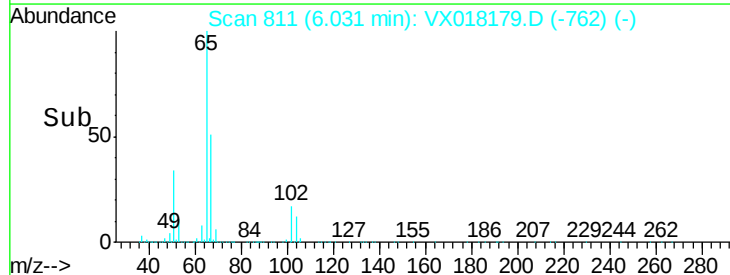
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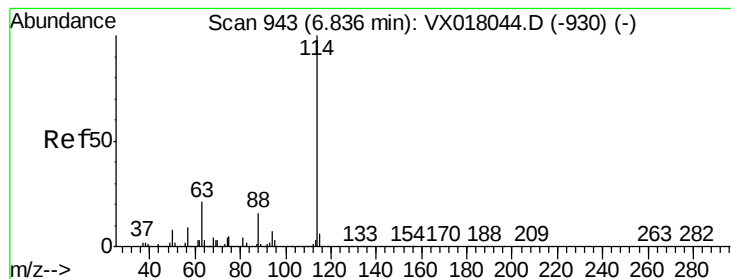
50000

0

Time-->

5.90 6.00 6.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018179.D

Acq: 01 Sep 2020 10:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0901WBL01

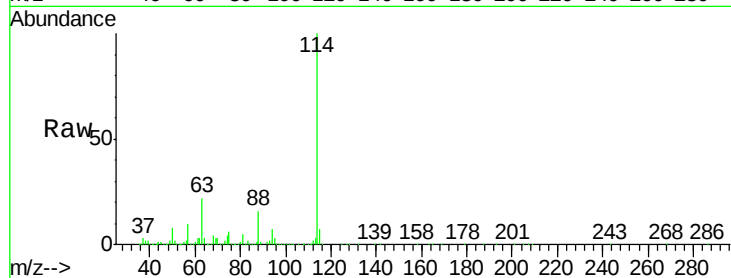
Tot Ion:114 Resp: 762511

Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.6

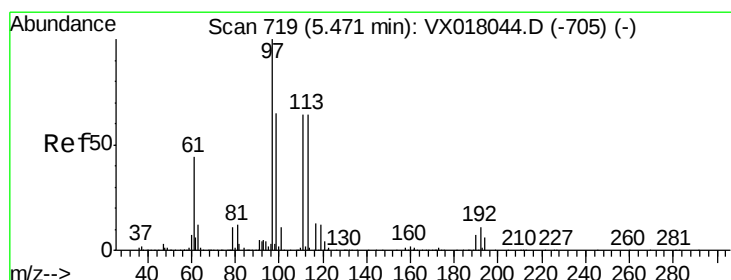
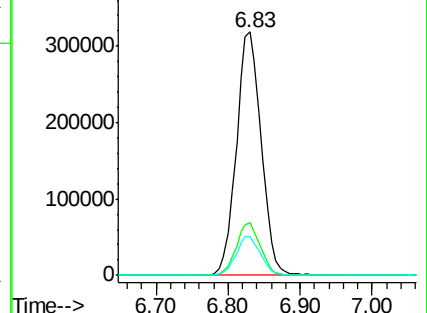
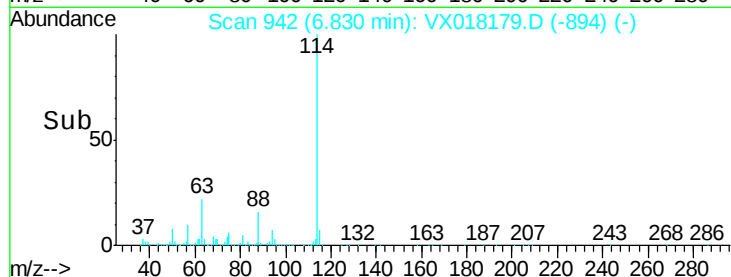
88 15.9 0.0 31.8



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



#35

Dibromofluoromethane

Concen: 51.273 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018179.D

Acq: 01 Sep 2020 10:05

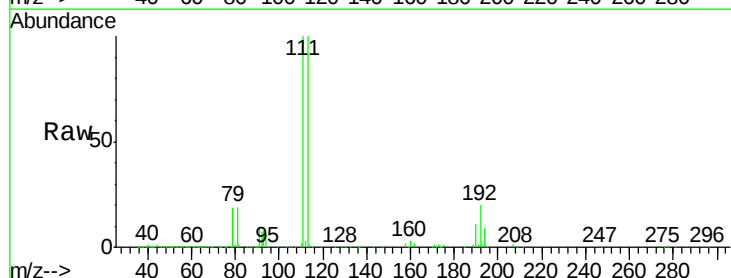
Tgt Ion:113 Resp: 266264

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

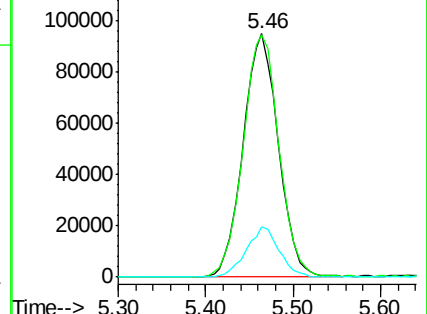
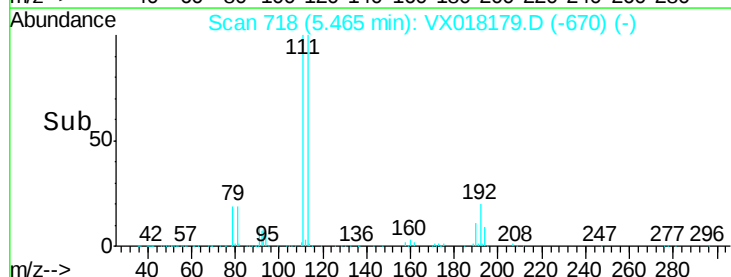
192 19.3 15.8 23.8

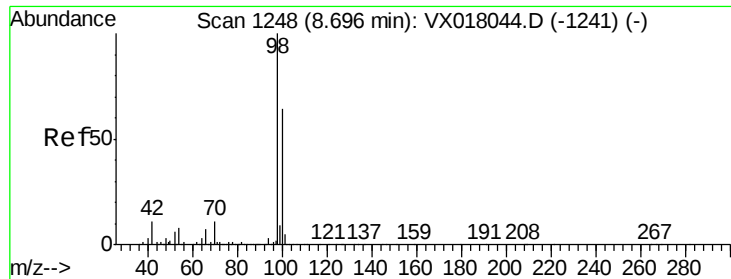


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.400 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018179.D

Acq: 01 Sep 2020 10:05

Instrument :

MSVOA\_X

ClientSampleId :

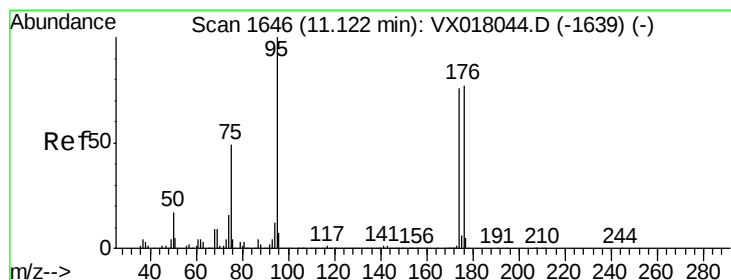
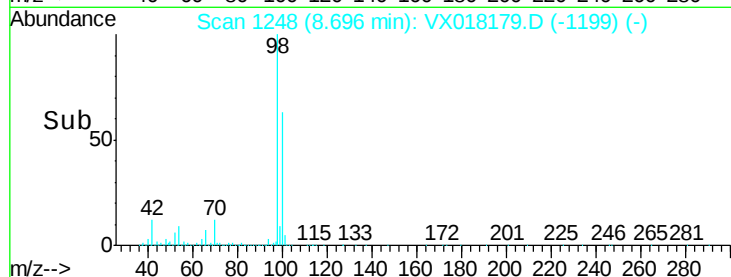
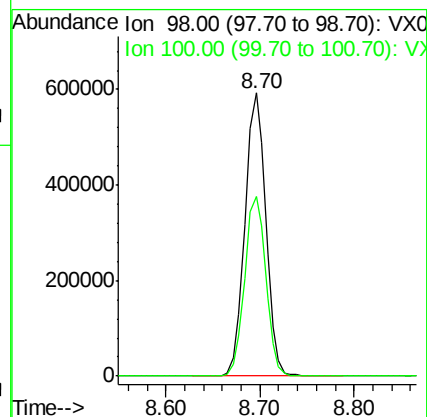
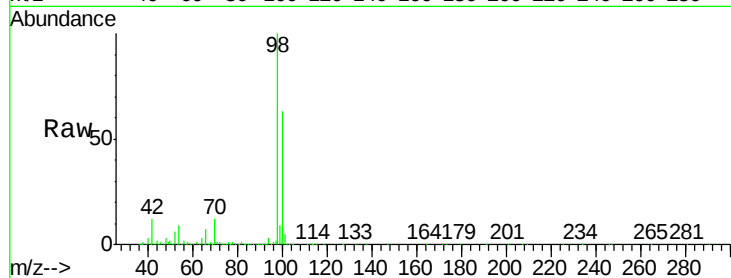
VX0901WBL01

Tot Ion: 98 Resp: 916797

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 43.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018179.D

Acq: 01 Sep 2020 10:05

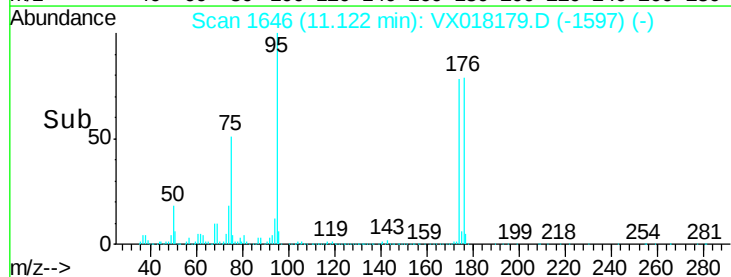
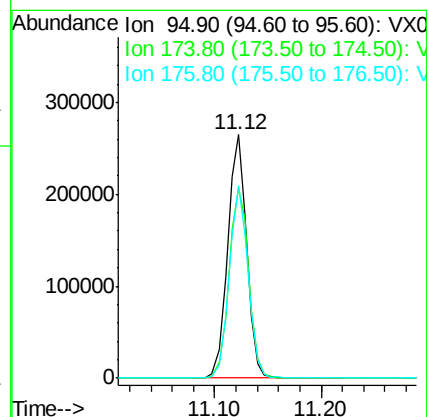
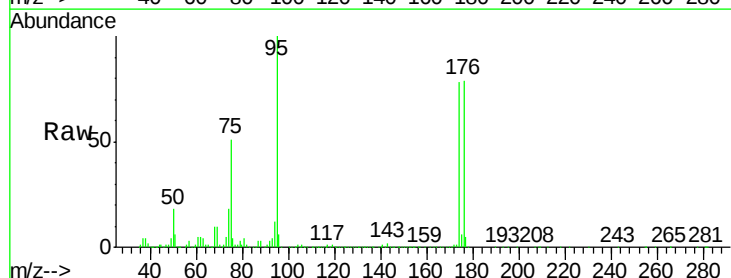
Tgt Ion: 95 Resp: 329149

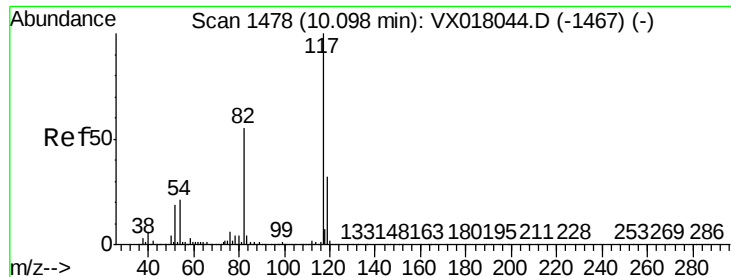
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.2

176 78.3 0.0 155.8

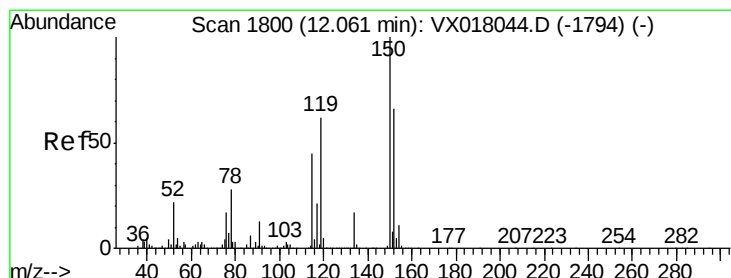
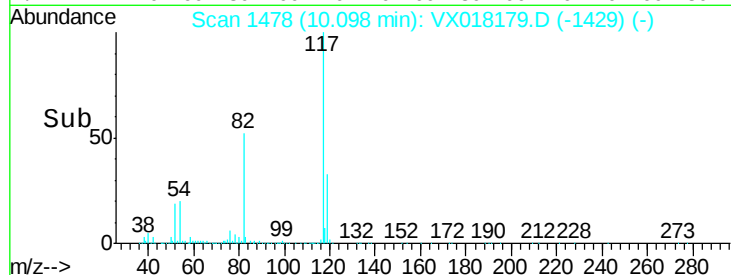
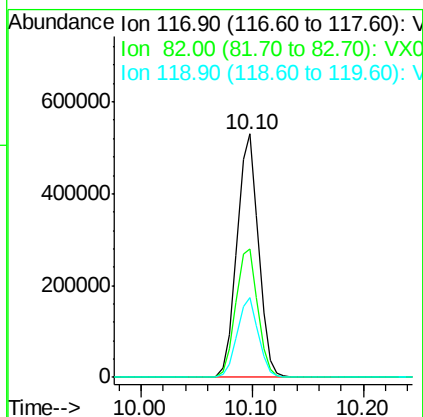
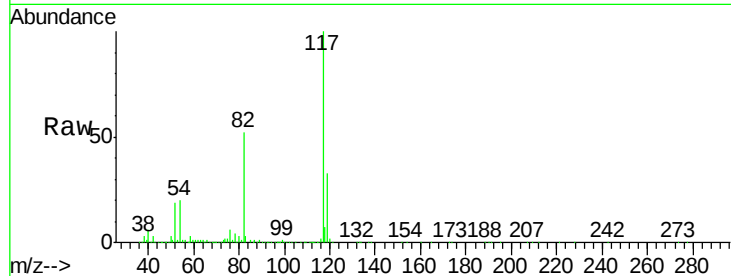




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.10 min Scan# 1478  
Delta R.T. -0.00 min  
Lab File: VX018179.D  
Acq: 01 Sep 2020 10:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0901WBL01

Tot Ion:117 Resp: 706983  
Ion Ratio Lower Upper  
117 100  
82 52.5 44.2 66.2  
119 32.6 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: VX018179.D  
Acq: 01 Sep 2020 10:05

Tgt Ion:152 Resp: 326786  
Ion Ratio Lower Upper  
152 100  
115 58.8 41.5 124.5  
150 154.3 0.0 343.8

