

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013023\  
 Data File : VX033945.D  
 Acq On : 30 Jan 2023 14:41  
 Operator : JC/MD  
 Sample : 01361-01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10-TB-20230125

Quant Time: Jan 31 04:46:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 11 14:48:42 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 161734   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 231983   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 204095   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 97855    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 76034    | 44.649   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 89.300%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71452    | 49.603   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 99.200%  |
| 50) Toluene-d8              | 8.647  | 98    | 264891   | 50.470   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.940% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90069    | 46.221   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 92.440%  |

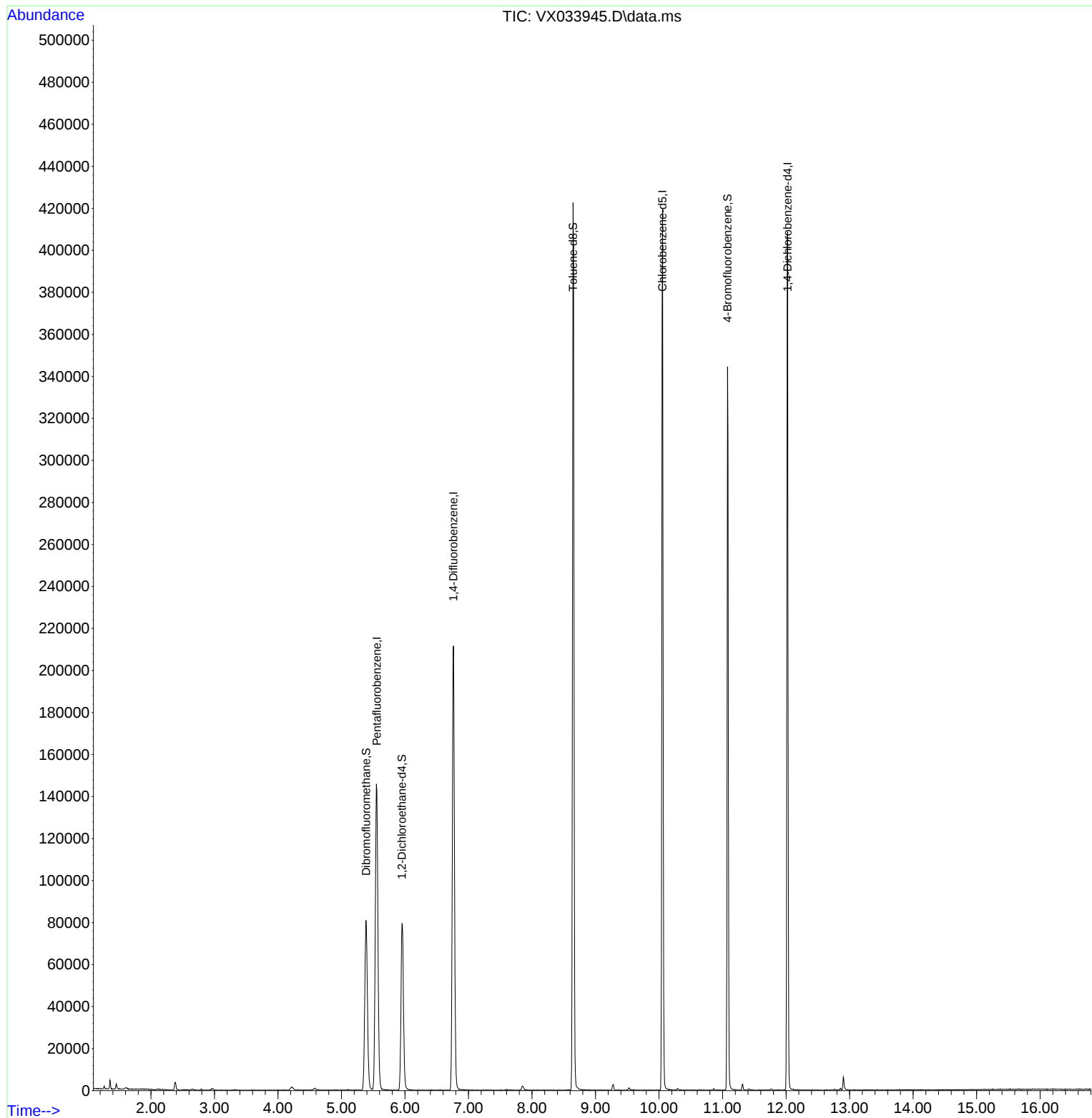
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-TB-20230125

Quant Time: Jan 31 04:46:19 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011123W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 11 14:48:42 2023  
Response via : Initial Calibration

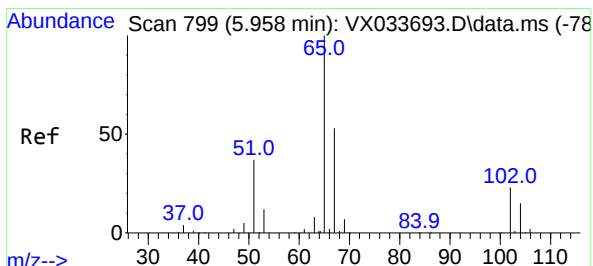
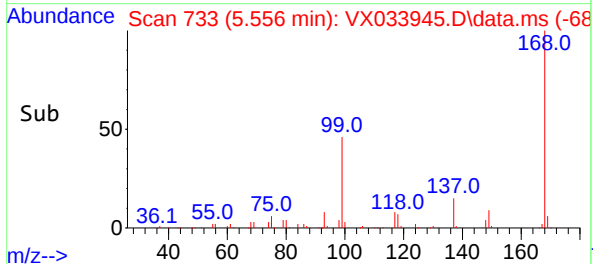
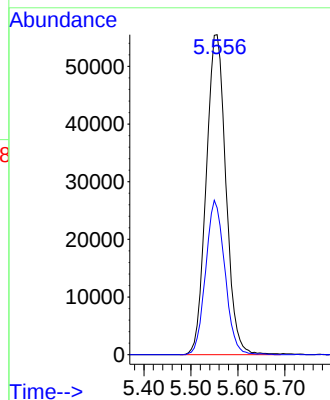
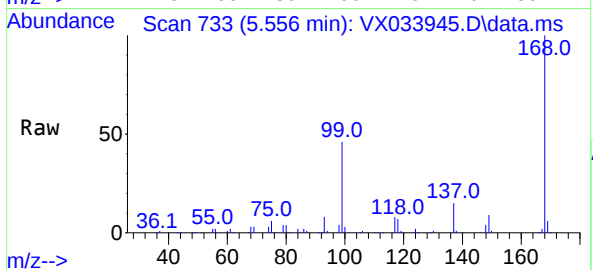




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. 0.006 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

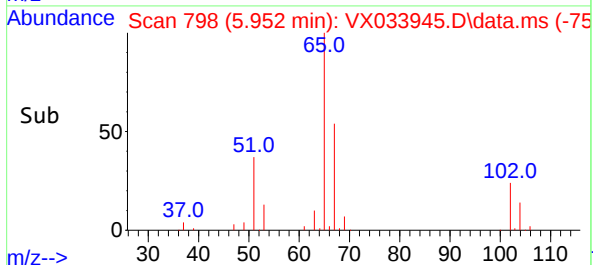
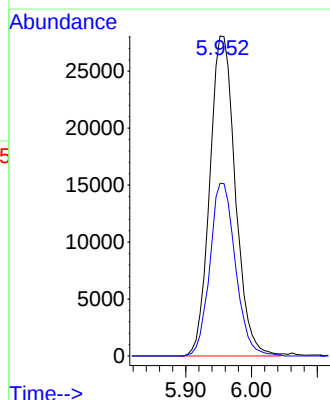
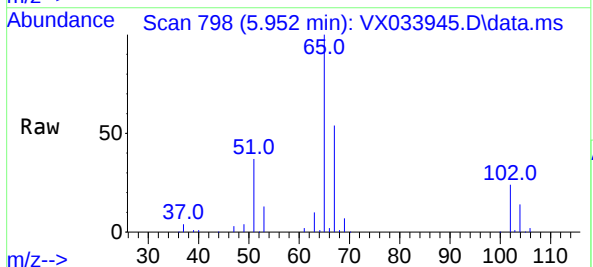
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-TB-20230125

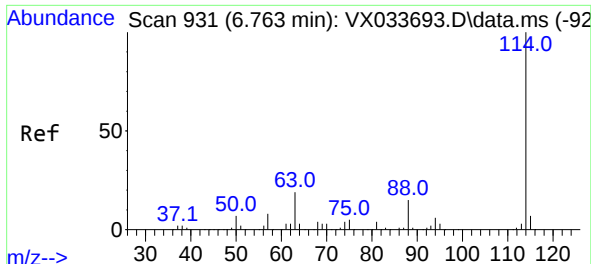
Tgt Ion:168 Resp: 161734  
Ion Ratio Lower Upper  
168 100  
99 45.8 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 44.649 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

Tgt Ion: 65 Resp: 76034  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 104.8

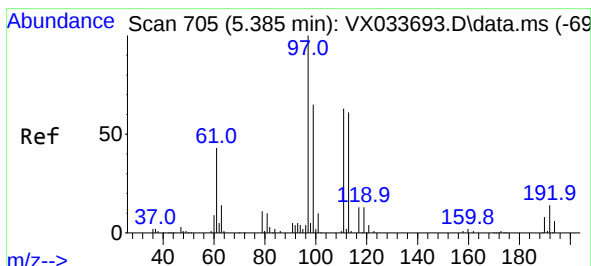
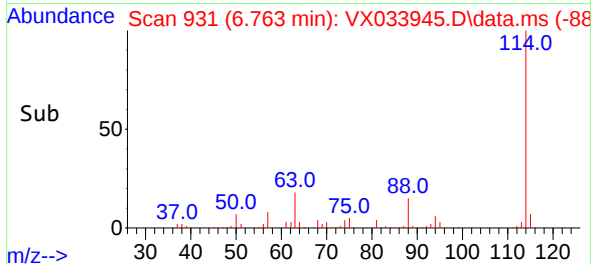
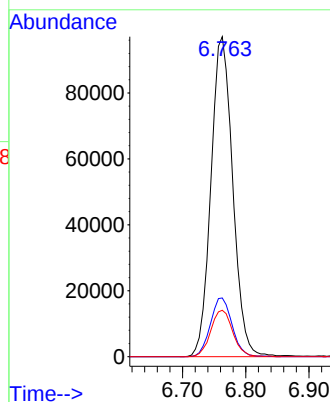
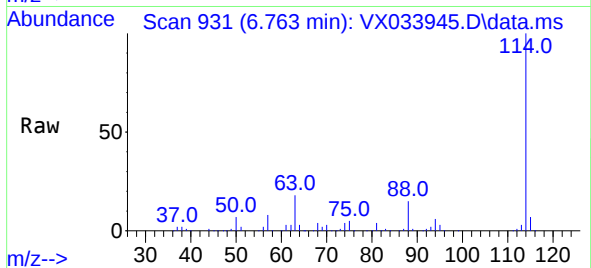




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

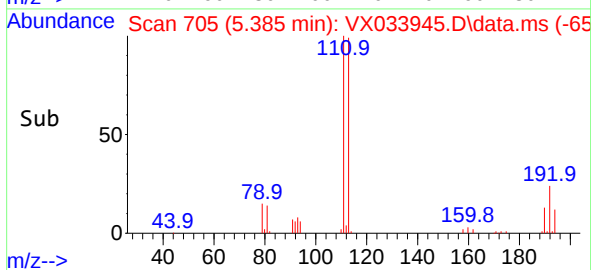
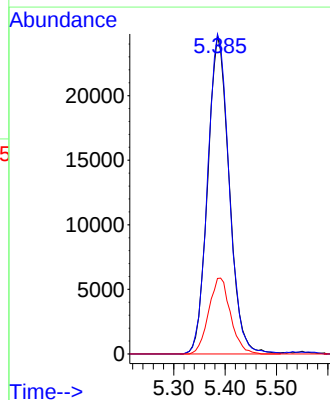
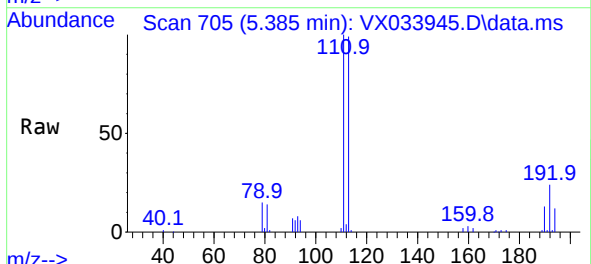
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-TB-20230125

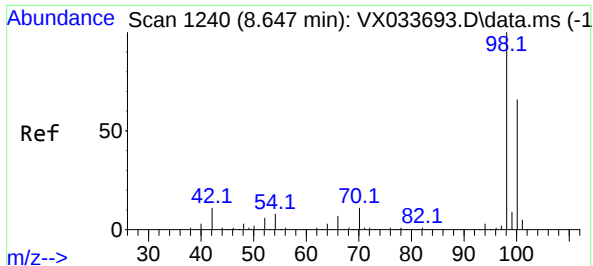
Tgt Ion:114 Resp: 231983  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 37.4  
88 14.5 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.603 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

Tgt Ion:113 Resp: 71452  
Ion Ratio Lower Upper  
113 100  
111 101.1 83.0 124.6  
192 24.2 19.0 28.4





#50

Toluene-d8

Concen: 50.470 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033945.D

Acq: 30 Jan 2023 14:41

Instrument :

MSVOA\_X

ClientSampleId :

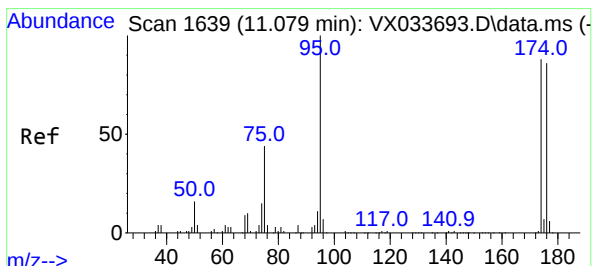
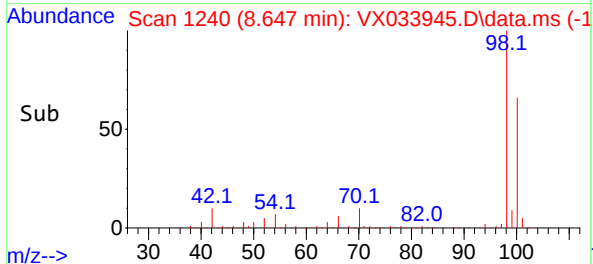
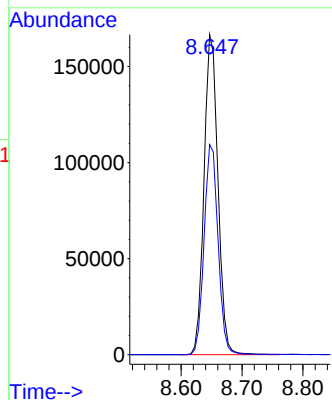
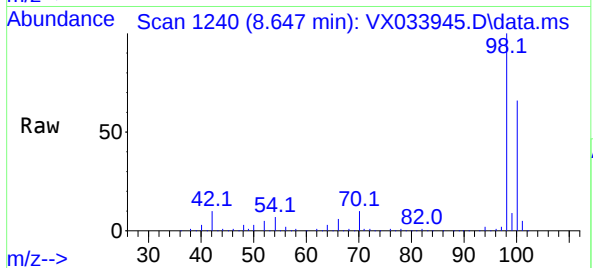
BP-VPB-RW10-TB-20230125

Tgt Ion: 98 Resp: 264891

Ion Ratio Lower Upper

98 100

100 66.0 53.6 80.4



#62

4-Bromofluorobenzene

Concen: 46.221 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033945.D

Acq: 30 Jan 2023 14:41

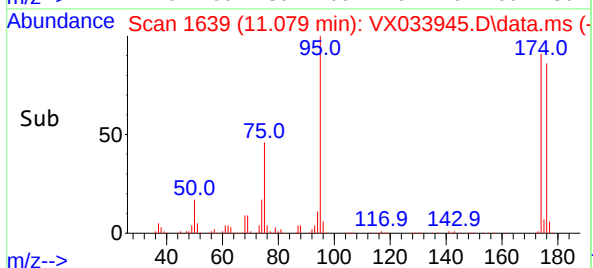
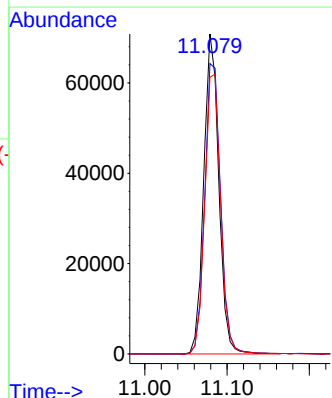
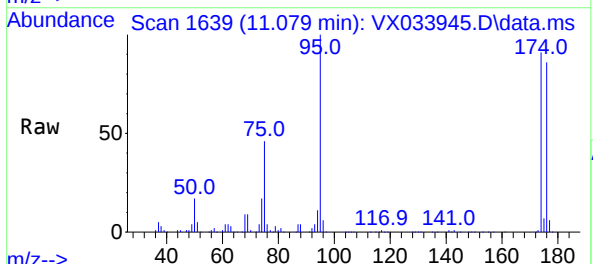
Tgt Ion: 95 Resp: 90069

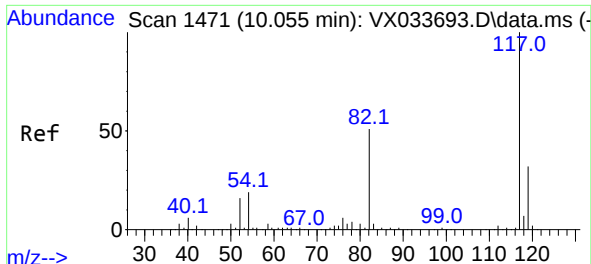
Ion Ratio Lower Upper

95 100

174 96.0 0.0 184.4

176 92.3 0.0 178.8

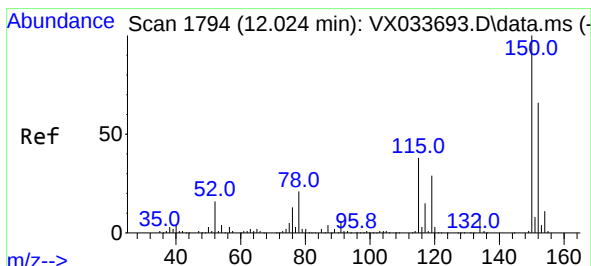
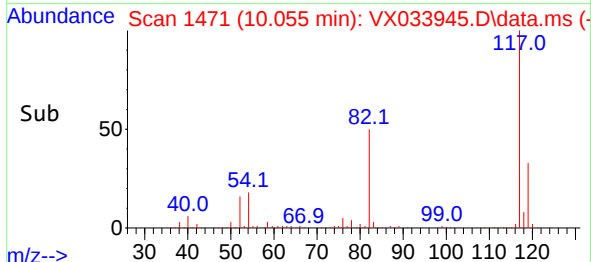
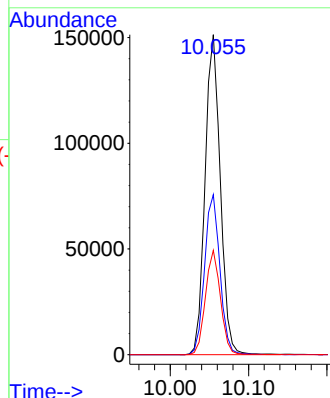
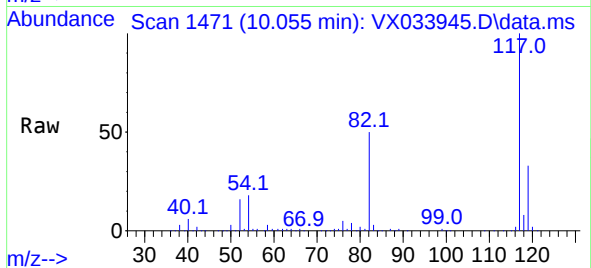




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-TB-20230125

Tgt Ion:117 Resp: 204095  
Ion Ratio Lower Upper  
117 100  
82 50.0 40.6 60.8  
119 32.6 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX033945.D  
Acq: 30 Jan 2023 14:41

Tgt Ion:152 Resp: 97855  
Ion Ratio Lower Upper  
152 100  
115 53.0 38.7 116.1  
150 155.3 0.0 348.2

