

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013023\  
 Data File : VX033946.D  
 Acq On : 30 Jan 2023 15:05  
 Operator : JC/MD  
 Sample : 01361-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 31 04:46:45 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  | 162642   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 234490   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 208400   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 98621    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 77616    | 45.324   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 90.640%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 71851    | 49.346   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.700%  |
| 50) Toluene-d8              | 8.646  | 98    | 265796   | 50.101   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.200% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 90839    | 46.118   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 92.240%  |

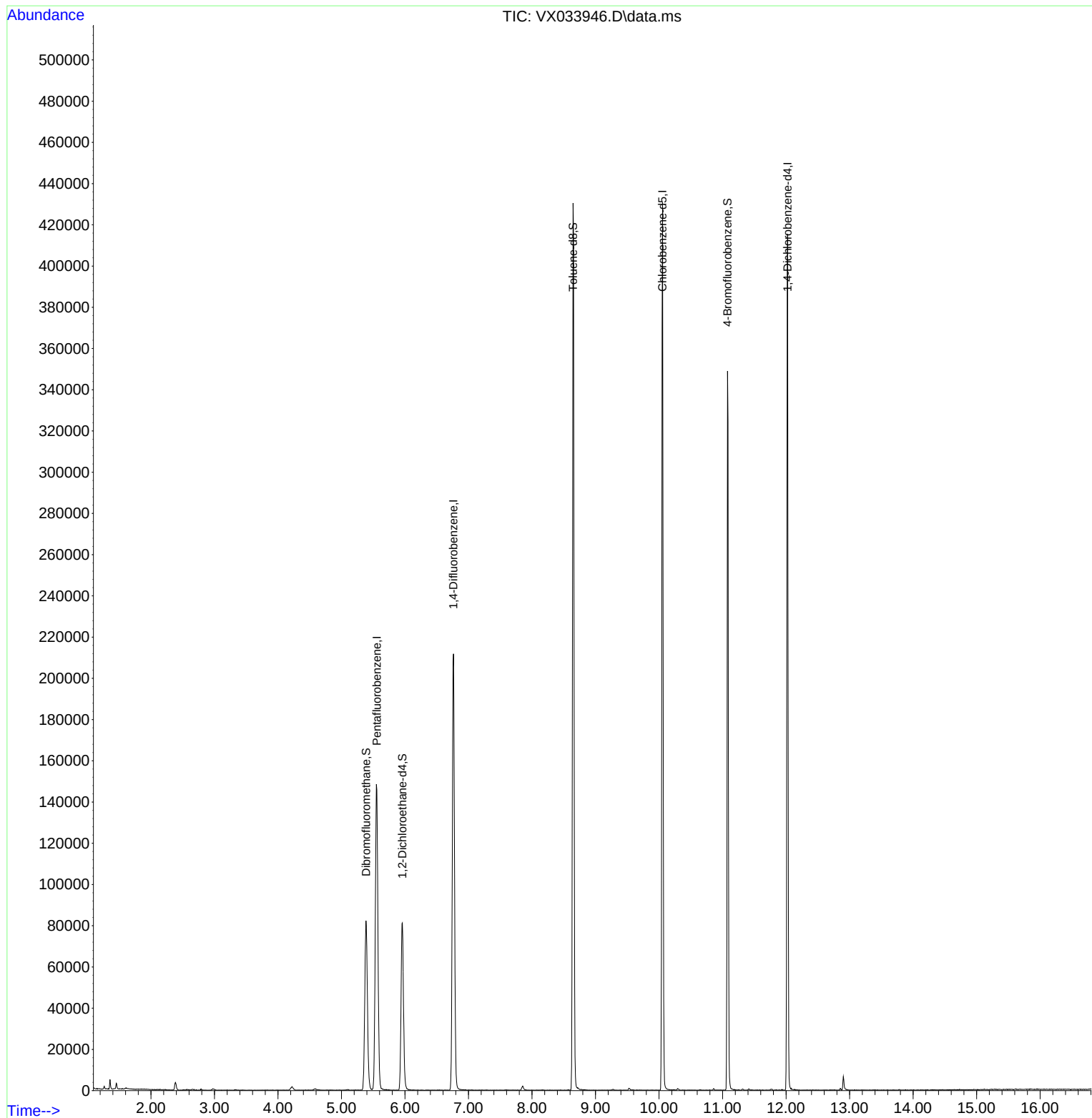
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

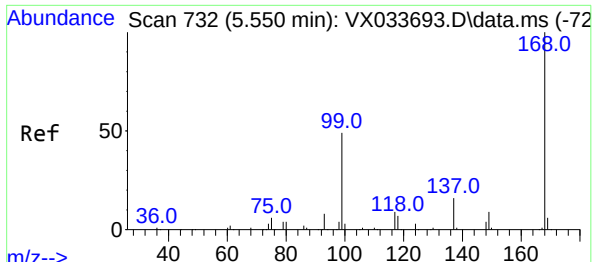
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 31 04:46:45 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

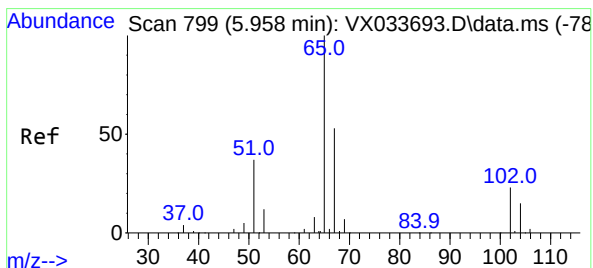
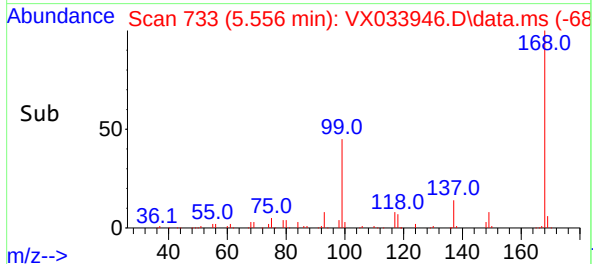
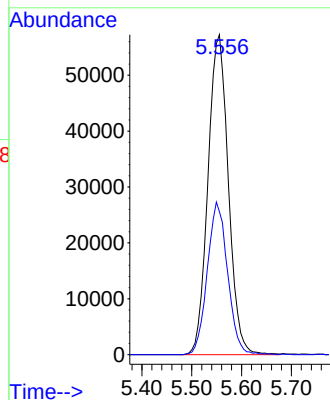
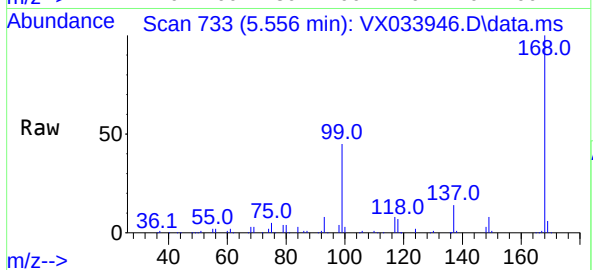




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

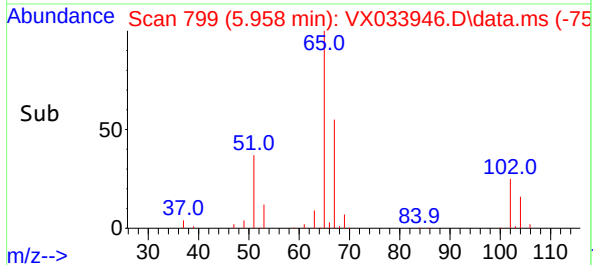
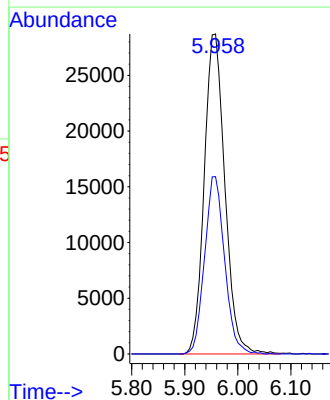
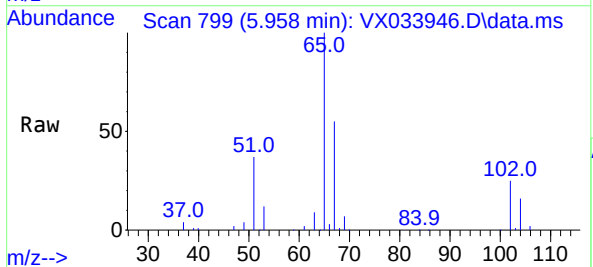
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-EB-20230125

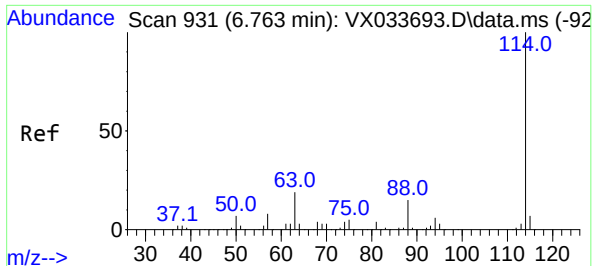
Tgt Ion:168 Resp: 162642  
Ion Ratio Lower Upper  
168 100  
99 44.7 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 45.324 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

Tgt Ion: 65 Resp: 77616  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 104.8

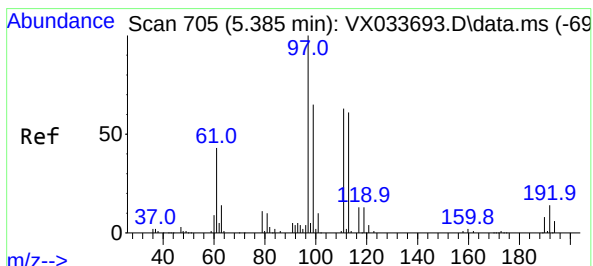
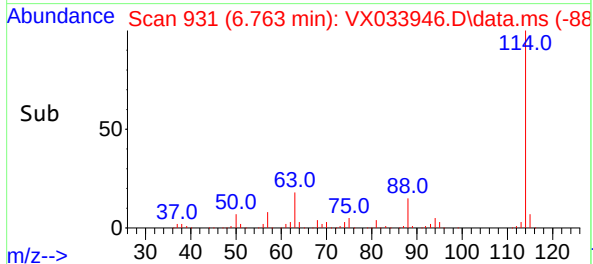
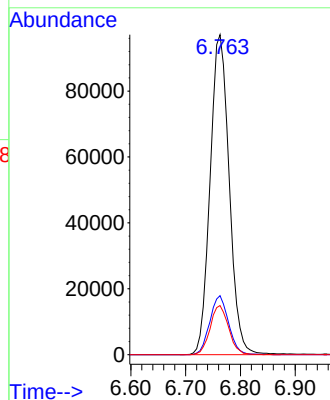
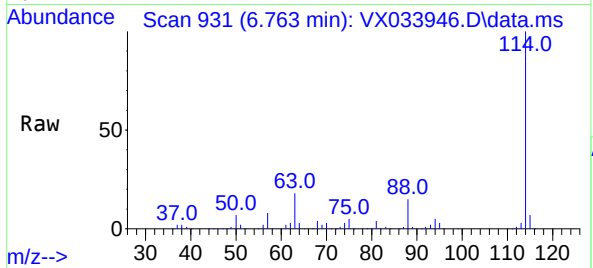




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

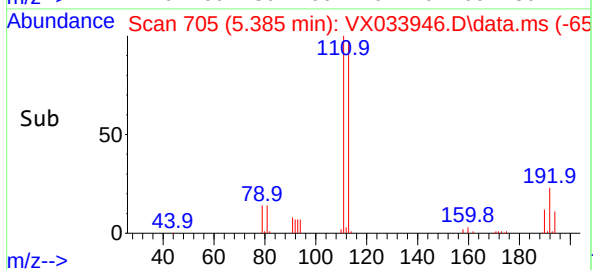
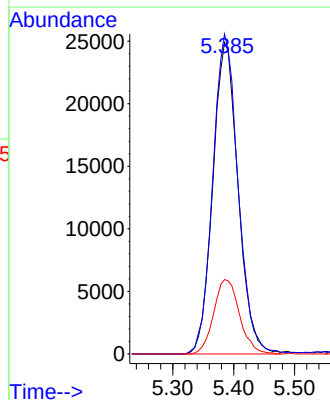
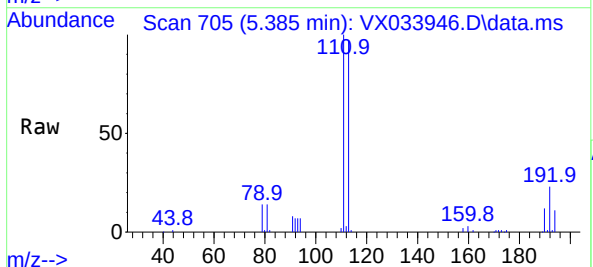
Instrument :  
MSVOA\_X  
ClientSampleId :  
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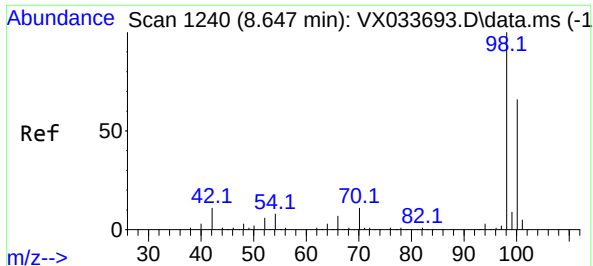
Tgt Ion:114 Resp: 234490  
Ion Ratio Lower Upper  
114 100  
63 18.5 0.0 37.4  
88 15.3 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 49.346 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

Tgt Ion:113 Resp: 71851  
Ion Ratio Lower Upper  
113 100  
111 102.8 83.0 124.6  
192 24.3 19.0 28.4

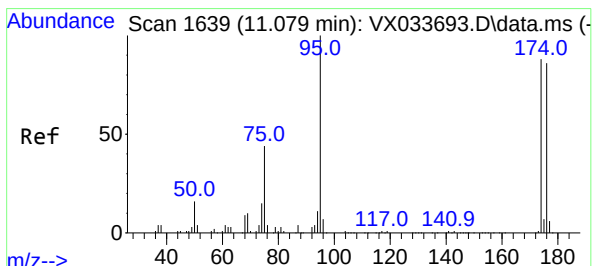
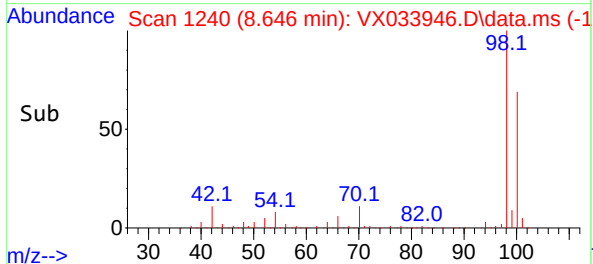
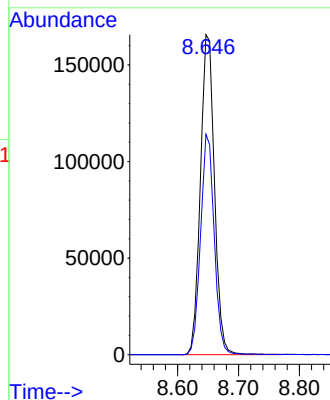
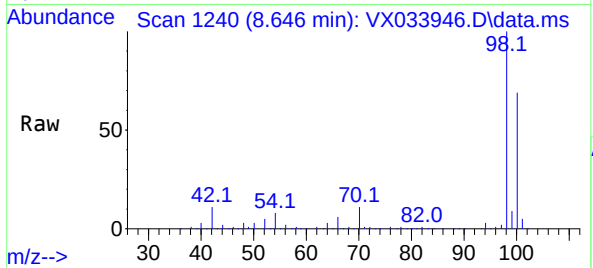




#50  
Toluene-d8  
Concen: 50.101 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

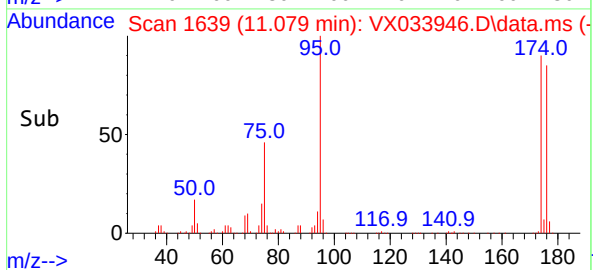
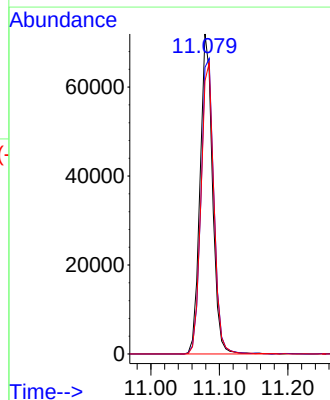
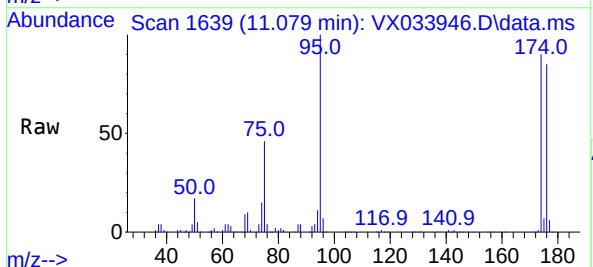
Instrument :  
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BP-VPB-RW10-EB-20230125

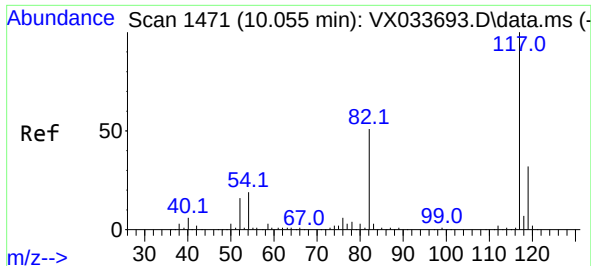
Tgt Ion: 98 Resp: 265796  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 46.118 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

Tgt Ion: 95 Resp: 90839  
Ion Ratio Lower Upper  
95 100  
174 95.8 0.0 184.4  
176 94.3 0.0 178.8

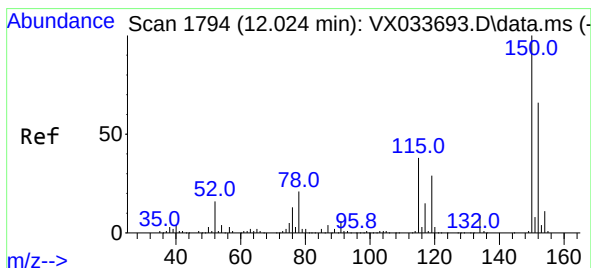
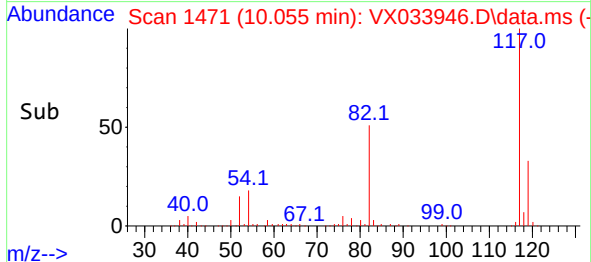
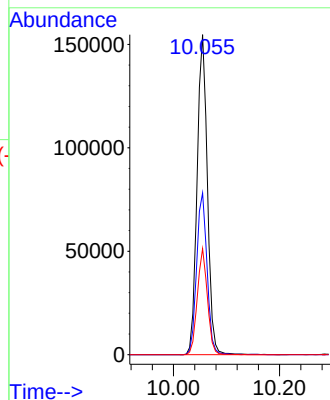
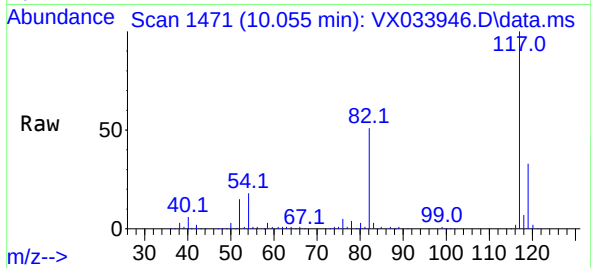




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX033946.D  
Acq: 30 Jan 2023 15:05

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

Tgt Ion:117 Resp: 208400  
Ion Ratio Lower Upper  
117 100  
82 50.5 40.6 60.8  
119 33.1 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: VX033946.D  
Acq: 30 Jan 2023 15:05

Tgt Ion:152 Resp: 98621  
Ion Ratio Lower Upper  
152 100  
115 52.8 38.7 116.1  
150 155.2 0.0 348.2

