

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021723\  
 Data File : VX034162.D  
 Acq On : 17 Feb 2023 16:41  
 Operator : JC/MD  
 Sample : 01559-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10-TB-20230210

Quant Time: Feb 20 00:35:02 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 17 12:33:35 2023  
 Response via : Initial Calibration

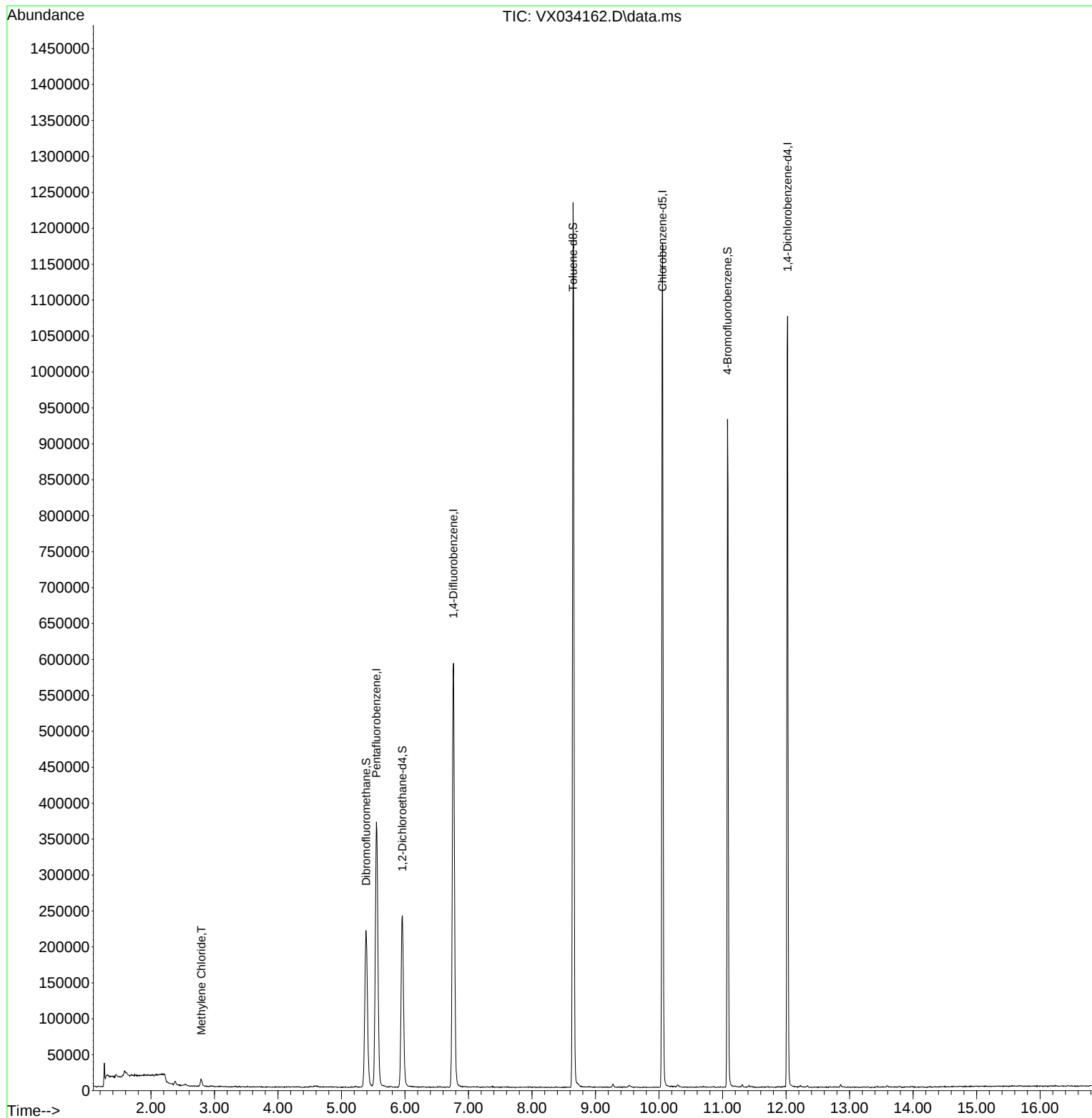
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 370363   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 615772   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 538848   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 228264   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 220399   | 44.187   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 88.380%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 194355   | 48.476   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.960%  |
| 50) Toluene-d8              | 8.647  | 98    | 736961   | 51.197   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 102.400% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 252261   | 45.815   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 91.640%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 2.794  | 84    | 5468     | 1.179    | ug/l   | 91       |
| -----                       |        |       |          |          |        |          |

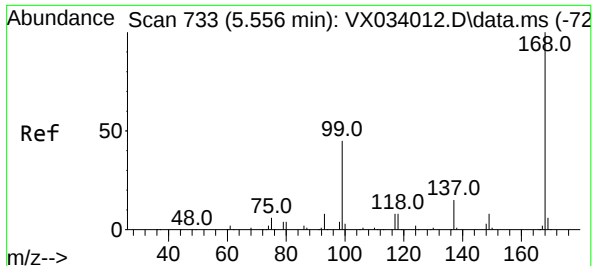
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-RW10-TB-20230210

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021723W.M  
Quant Title : SW846 8260  
QLast Update : Fri Feb 17 12:33:35 2023  
Response via : Initial Calibration

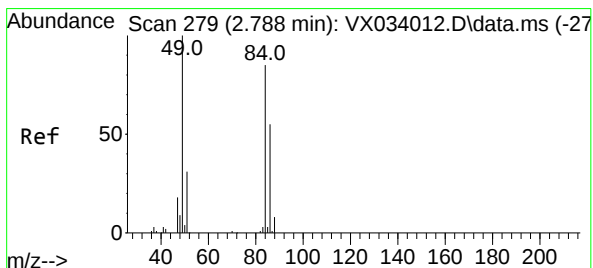
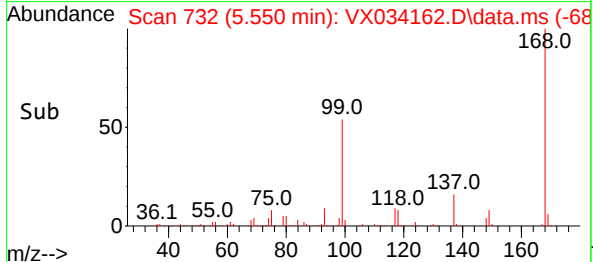
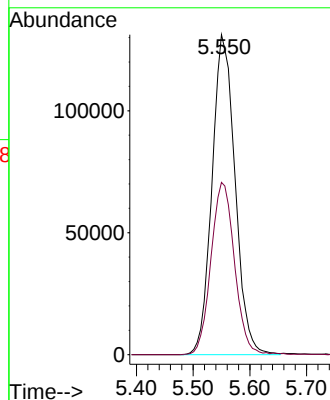
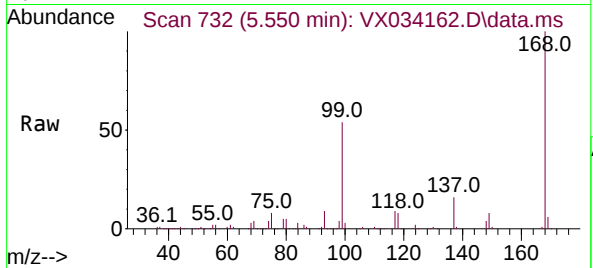




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

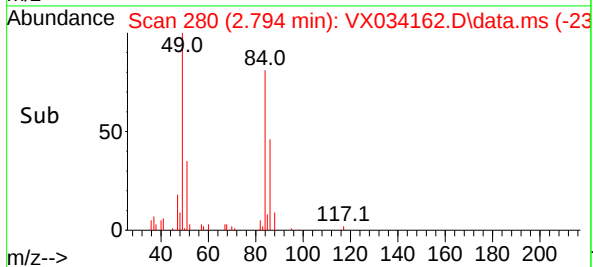
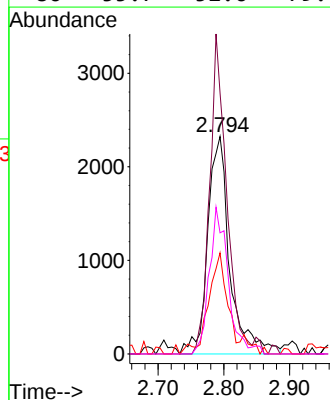
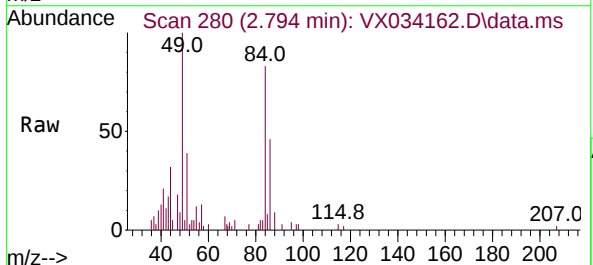
Instrument :  
MSVOA\_X  
ClientSampleId :  
BP-VPB-RW10-TB-20230210

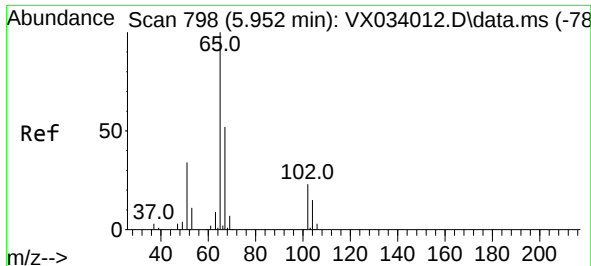
Tgt Ion:168 Resp: 370363  
Ion Ratio Lower Upper  
168 100  
99 53.8 39.6 59.4



#20  
Methylene Chloride  
Concen: 1.179 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

Tgt Ion: 84 Resp: 5468  
Ion Ratio Lower Upper  
84 100  
49 120.1 101.1 151.7  
51 46.5 31.0 46.6  
86 55.7 52.6 79.0





#33

1,2-Dichloroethane-d4

Concen: 44.187 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034162.D

Acq: 17 Feb 2023 16:41

Instrument :

MSVOA\_X

ClientSampleId :

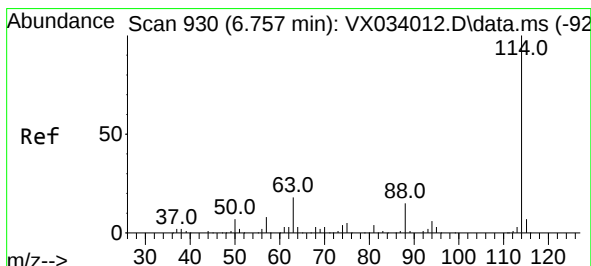
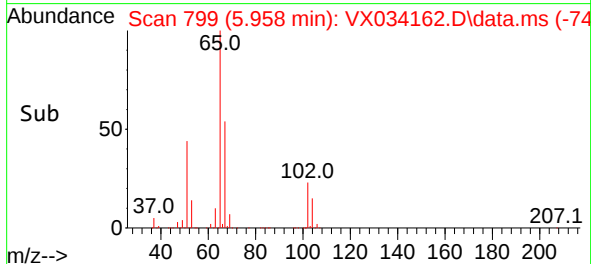
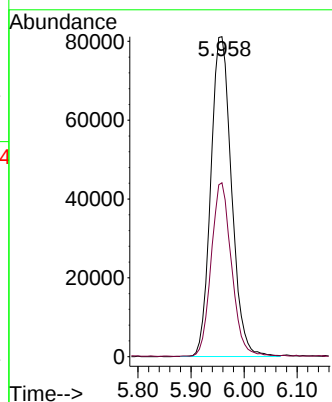
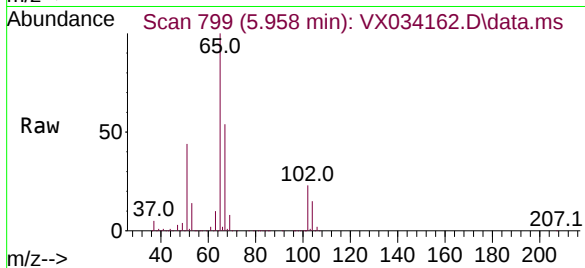
BP-VPB-RW10-TB-20230210

Tgt Ion: 65 Resp: 220399

Ion Ratio Lower Upper

65 100

67 53.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034162.D

Acq: 17 Feb 2023 16:41

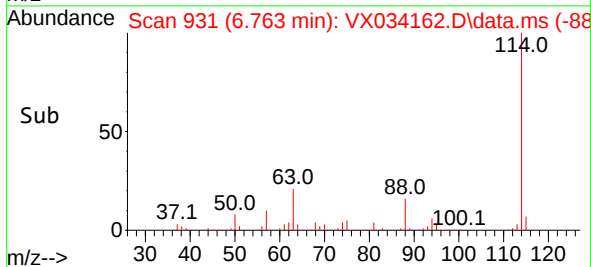
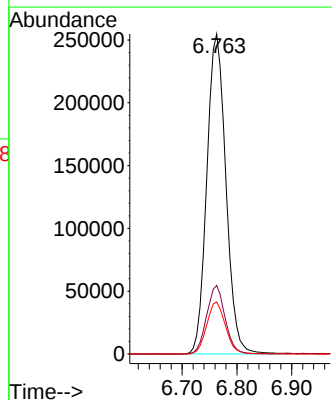
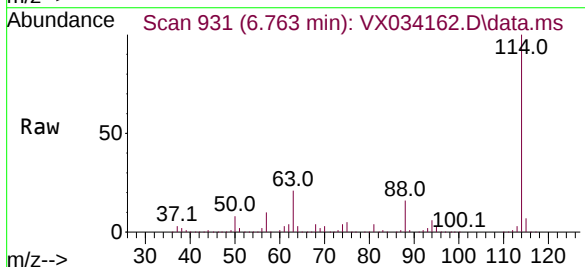
Tgt Ion: 114 Resp: 615772

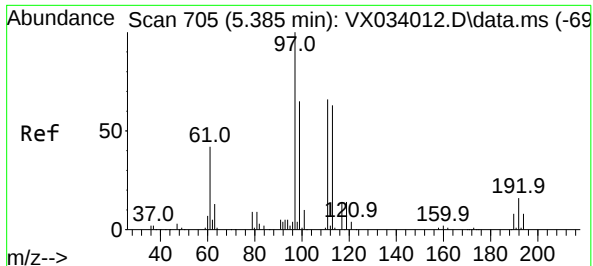
Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 16.2 0.0 30.6

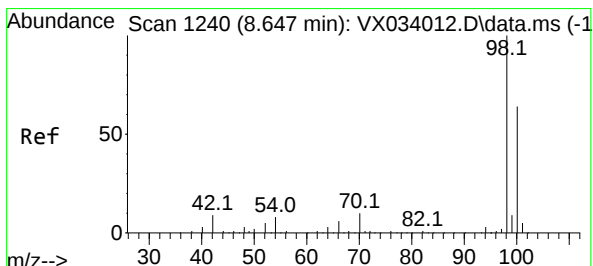
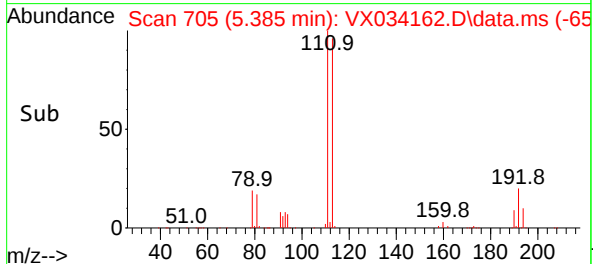
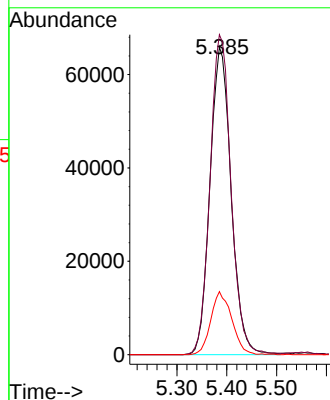
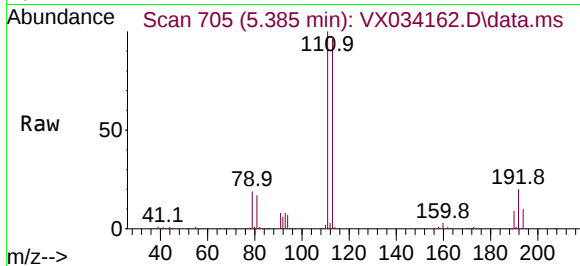




#35  
Dibromofluoromethane  
Concen: 48.476 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

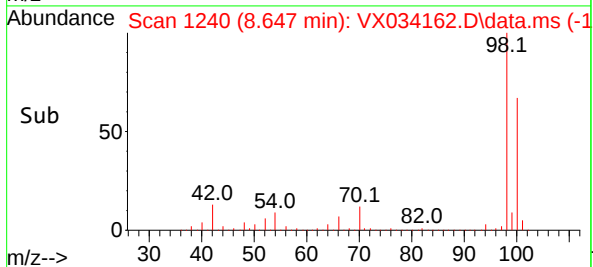
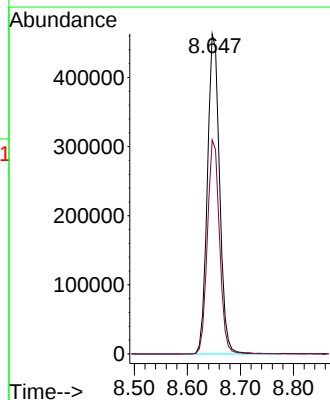
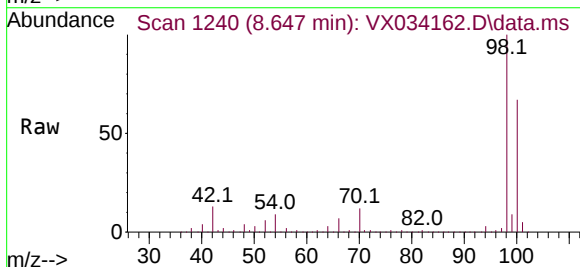
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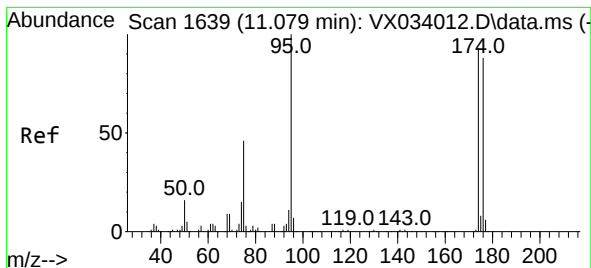
Tgt Ion:113 Resp: 194355  
Ion Ratio Lower Upper  
113 100  
111 103.4 83.0 124.6  
192 20.4 19.0 28.4



#50  
Toluene-d8  
Concen: 51.197 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

Tgt Ion: 98 Resp: 736961  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.6 80.4

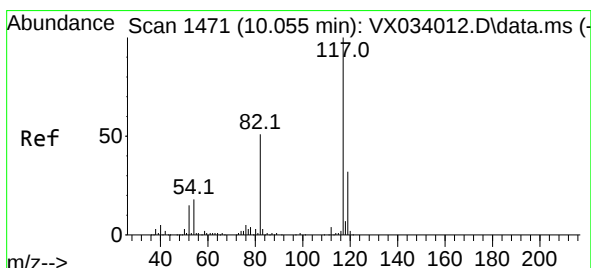
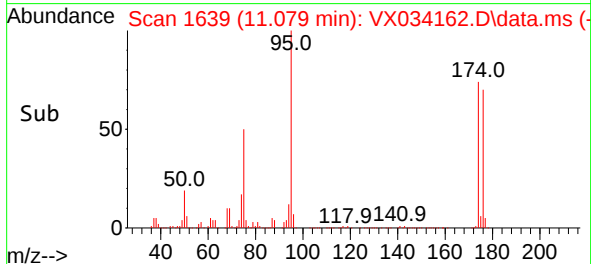
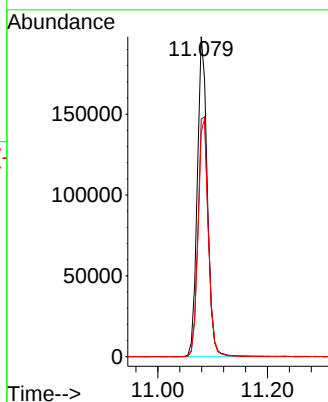
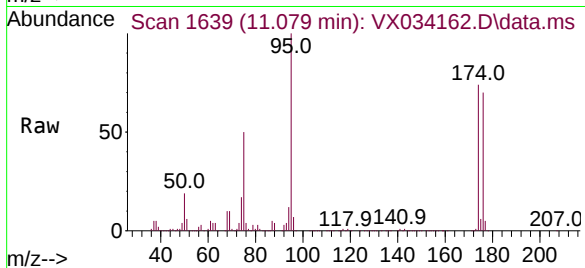




#62  
4-Bromofluorobenzene  
Concen: 45.815 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

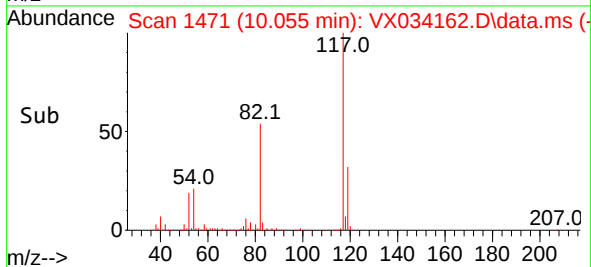
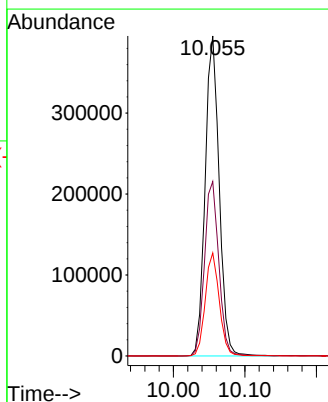
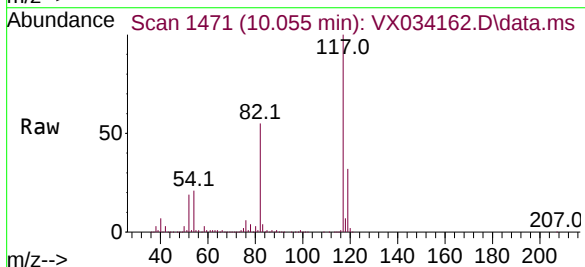
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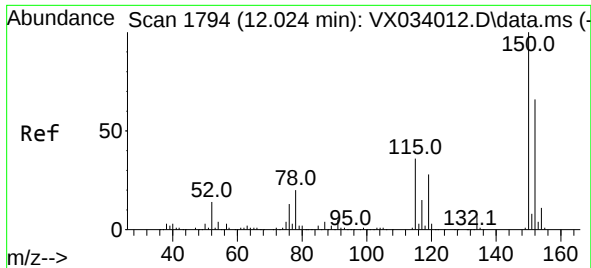
Tgt Ion: 95 Resp: 252261  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 184.4  
176 75.5 0.0 178.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX034162.D  
Acq: 17 Feb 2023 16:41

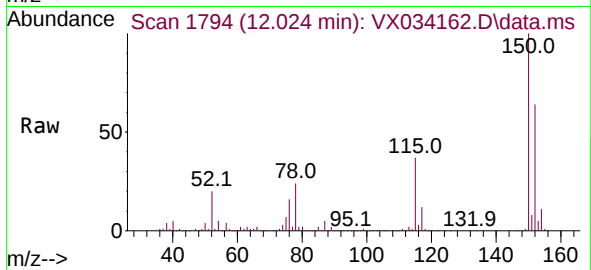
Tgt Ion: 117 Resp: 538848  
Ion Ratio Lower Upper  
117 100  
82 54.5 40.6 60.8  
119 32.2 25.6 38.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034162.D  
 Acq: 17 Feb 2023 16:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BP-VPB-RW10-TB-20230210



Tgt Ion:152 Resp: 228264  
 Ion Ratio Lower Upper  
 152 100  
 115 58.5 38.7 116.1  
 150 156.1 0.0 348.2

