

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022423\  
 Data File : VX034266.D  
 Acq On : 24 Feb 2023 16:14  
 Operator : JC/MD  
 Sample : 01701-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB

Quant Time: Feb 24 22:23:36 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  | 283754   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 468541   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 411519   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 185243   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 165438   | 43.291   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 86.580%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 144266   | 47.290   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 94.580%  |
| 50) Toluene-d8              | 8.647  | 98    | 549997   | 50.215   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.420% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 188114   | 44.901   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 89.800%  |

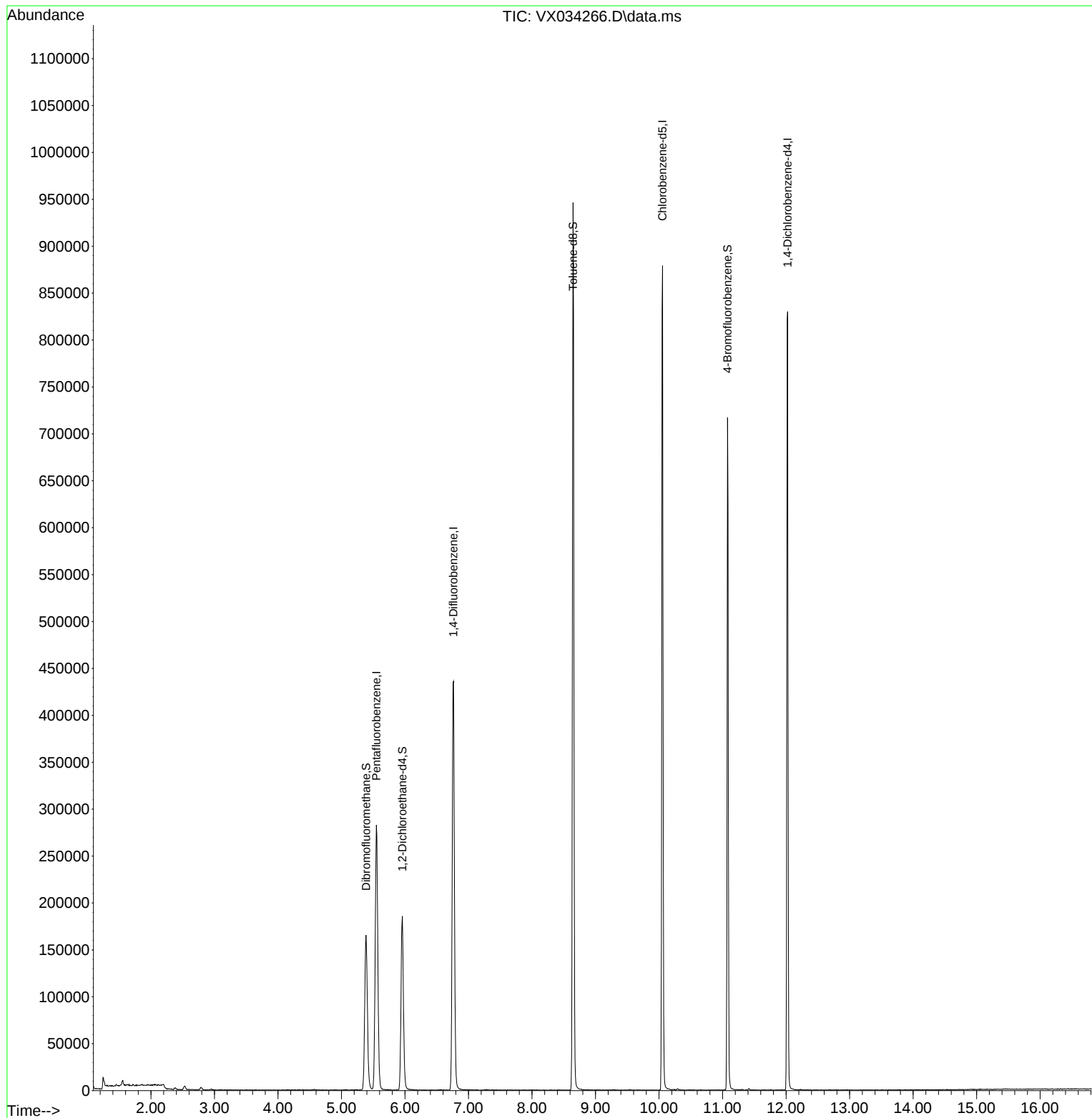
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

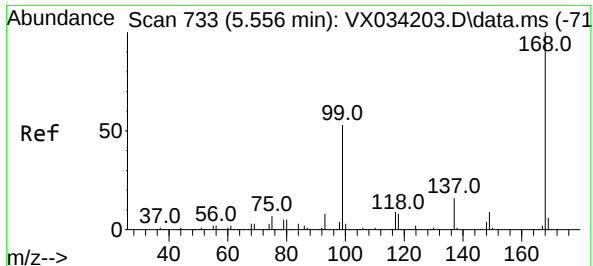
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

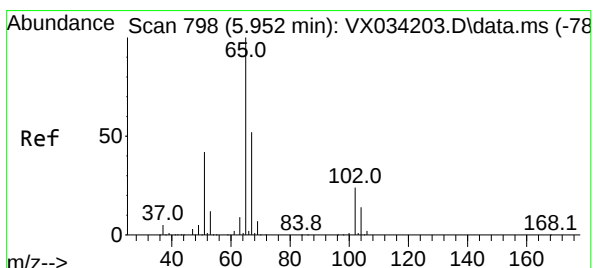
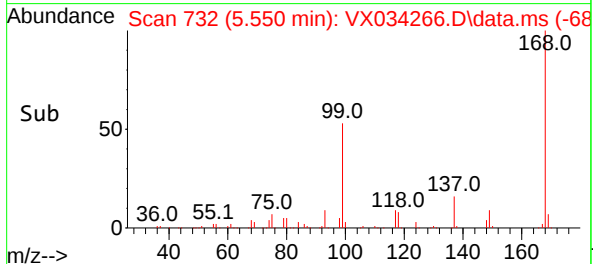
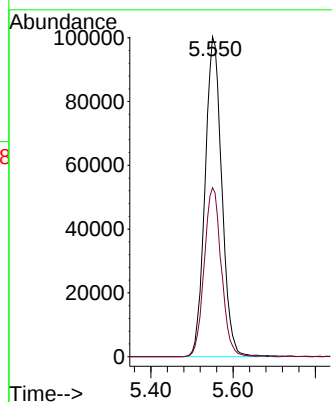
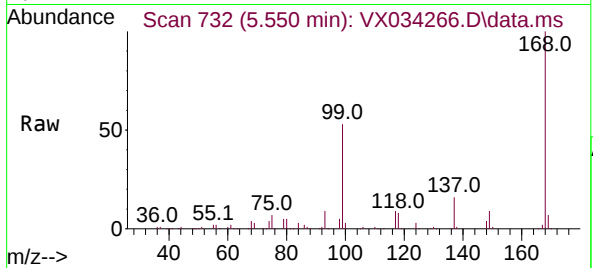




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

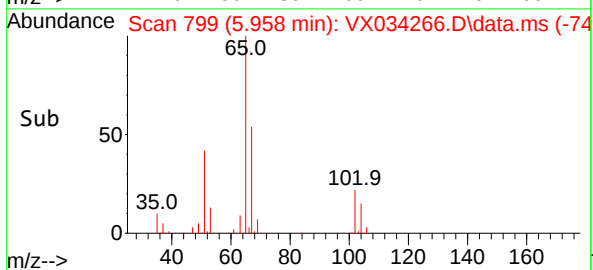
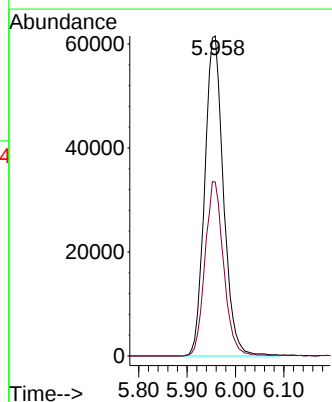
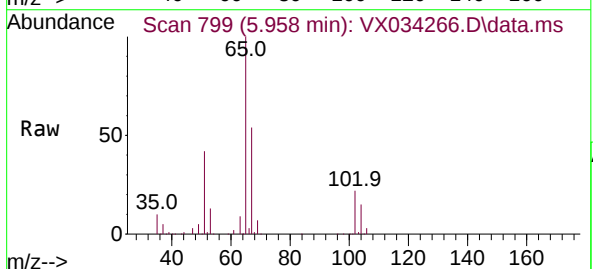
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB

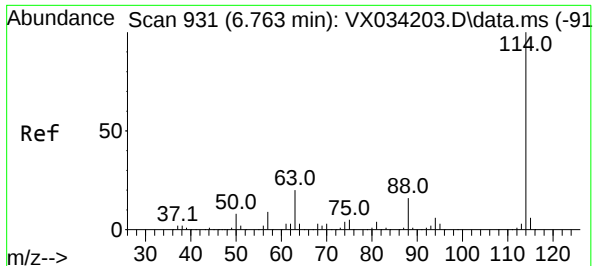
Tgt Ion:168 Resp: 283754  
Ion Ratio Lower Upper  
168 100  
99 52.8 39.6 59.4



#33  
1,2-Dichloroethane-d4  
Concen: 43.291 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

Tgt Ion: 65 Resp: 165438  
Ion Ratio Lower Upper  
65 100  
67 54.3 0.0 104.8

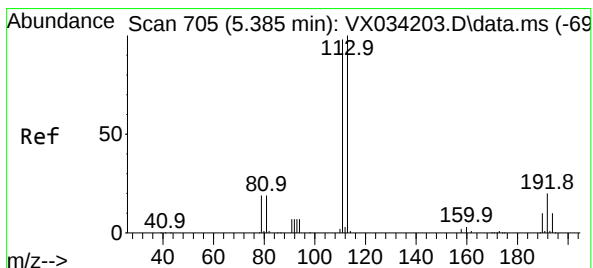
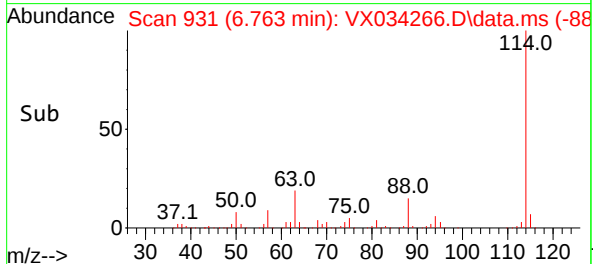
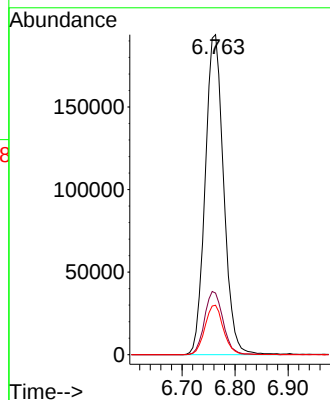
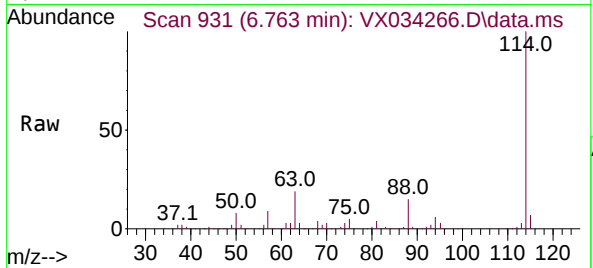




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

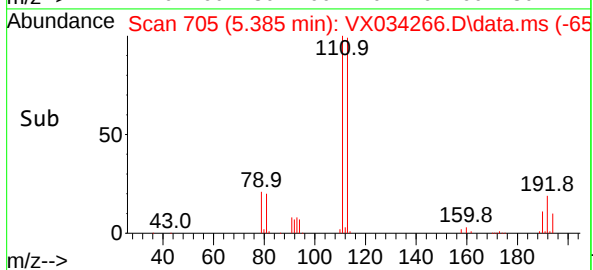
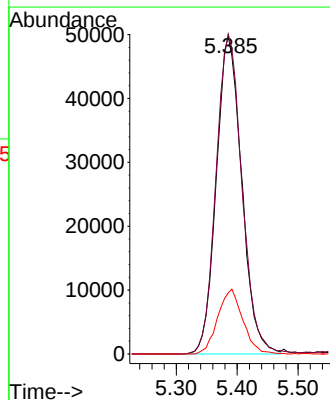
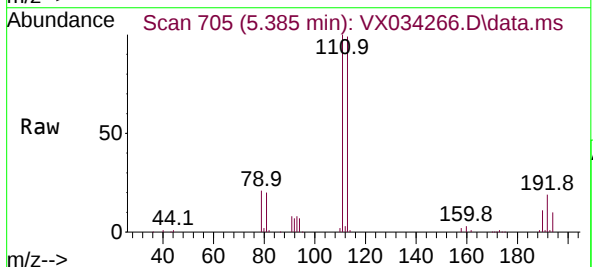
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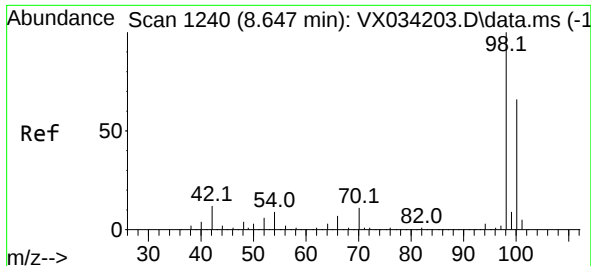
Tgt Ion:114 Resp: 468541  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 37.4  
88 15.5 0.0 30.6



#35  
Dibromofluoromethane  
Concen: 47.290 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

Tgt Ion:113 Resp: 144266  
Ion Ratio Lower Upper  
113 100  
111 102.6 83.0 124.6  
192 20.1 19.0 28.4

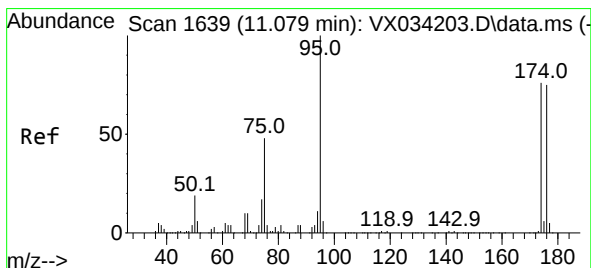
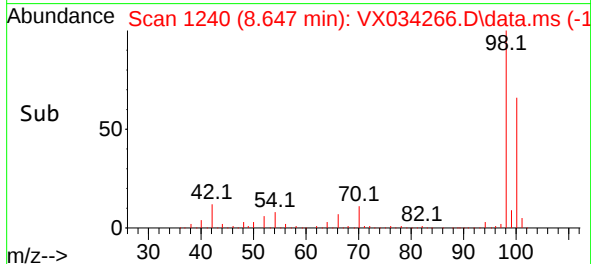
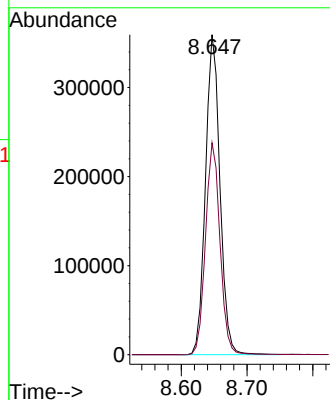
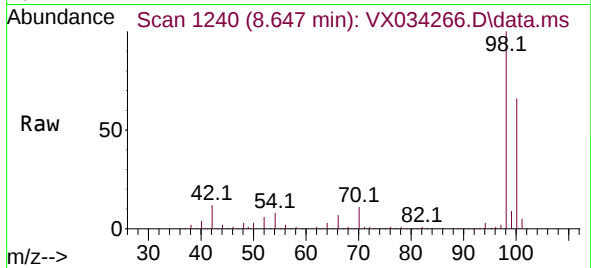




#50  
Toluene-d8  
Concen: 50.215 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

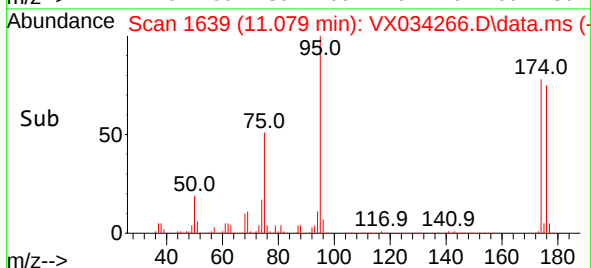
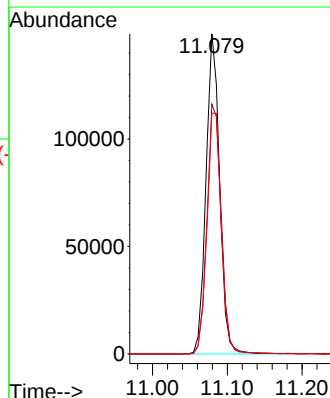
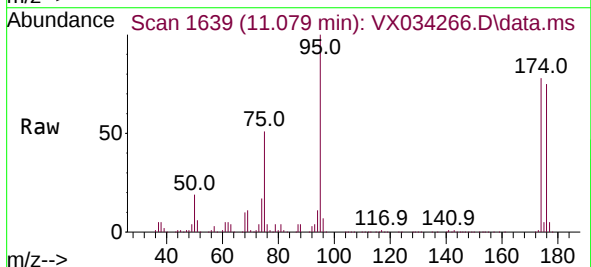
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MSVOA\_X  
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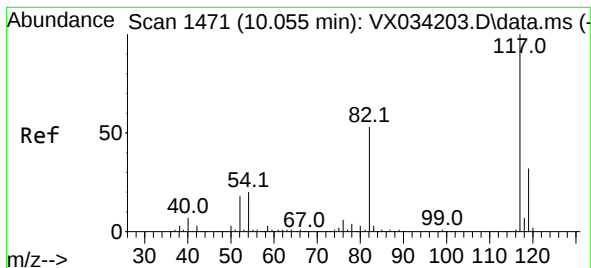
Tgt Ion: 98 Resp: 549997  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.6 80.4



#62  
4-Bromofluorobenzene  
Concen: 44.901 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034266.D  
Acq: 24 Feb 2023 16:14

Tgt Ion: 95 Resp: 188114  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 184.4  
176 79.8 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: VX034266.D

Acq: 24 Feb 2023 16:14

Instrument :

MSVOA\_X

ClientSampleId :

TB

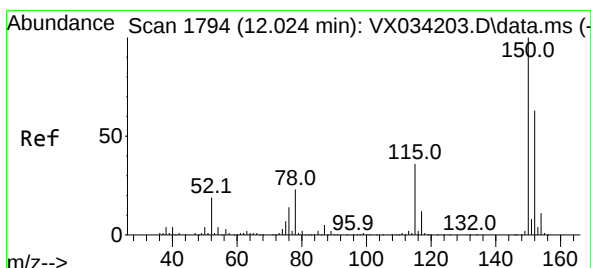
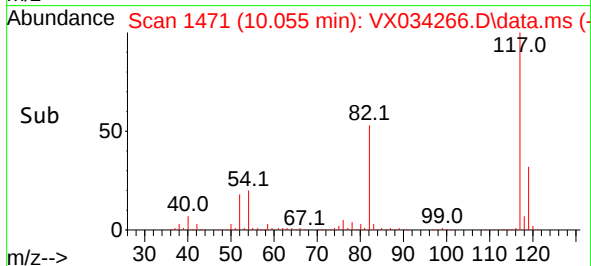
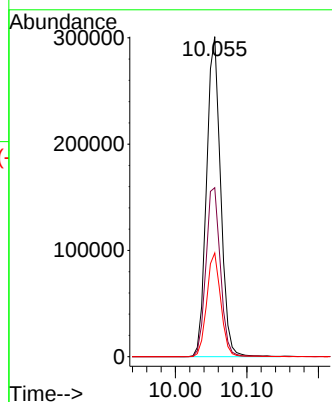
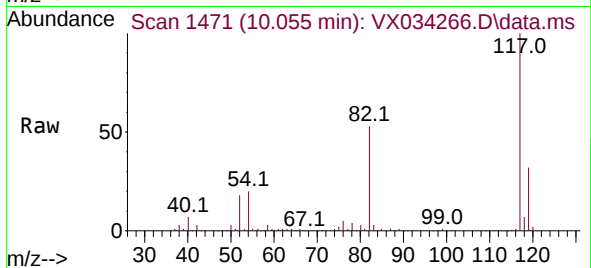
Tgt Ion:117 Resp: 411519

Ion Ratio Lower Upper

117 100

82 52.8 40.6 60.8

119 32.4 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: VX034266.D

Acq: 24 Feb 2023 16:14

Tgt Ion:152 Resp: 185243

Ion Ratio Lower Upper

152 100

115 58.0 38.7 116.1

150 154.5 0.0 348.2

