

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081823\  
 Data File : VX037107.D  
 Acq On : 19 Aug 2023 04:26  
 Operator : JC/MD  
 Sample : 04047-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-20230816

Quant Time: Aug 21 01:40:39 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X081723W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 18 09:30:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.549  | 168   | 165230   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 281475   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 255178   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 119787   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 124721   | 52.358   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 104.720% |          |
| 35) Dibromofluoromethane    | 5.385  | 113   | 97467    | 52.285   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 104.580% |          |
| 50) Toluene-d8              | 8.646  | 98    | 361913   | 53.522   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 107.040% |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 136801   | 51.480   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 102.960% |          |

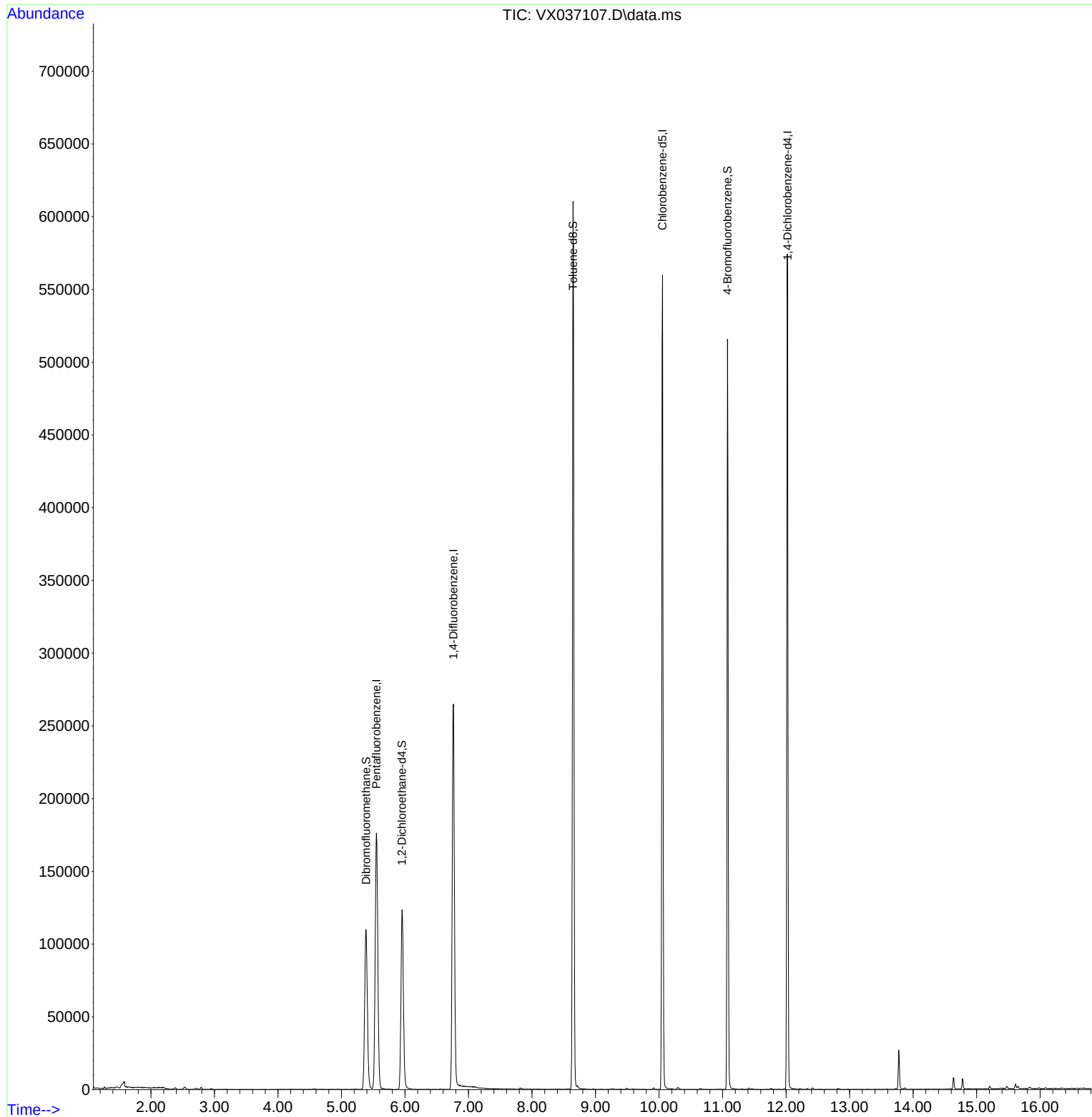
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

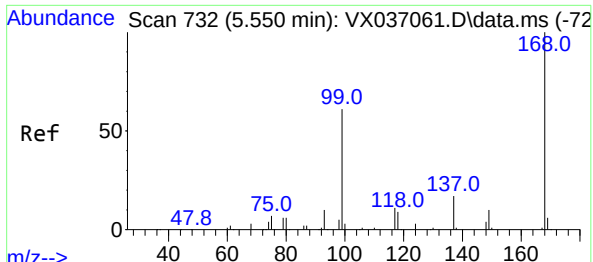
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Fri Aug 18 09:30:38 2023  
Response via : Initial Calibration

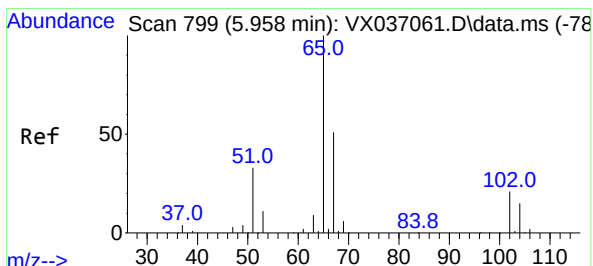
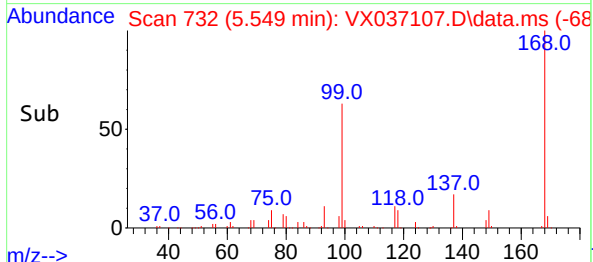
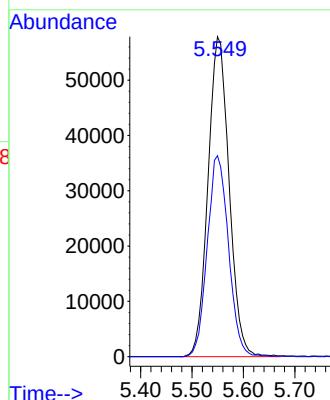
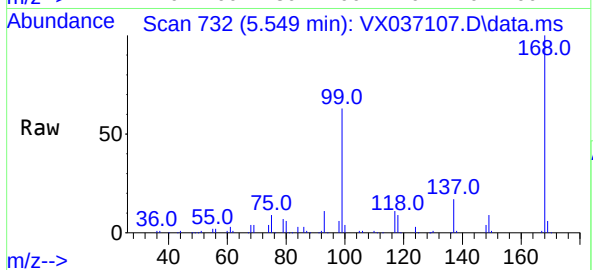




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.549 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

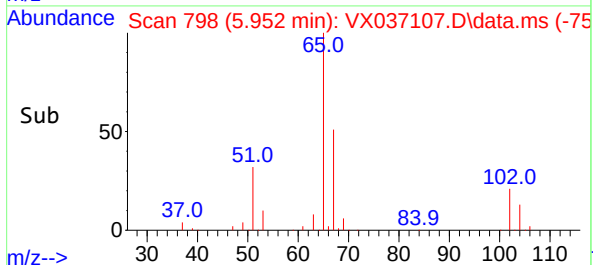
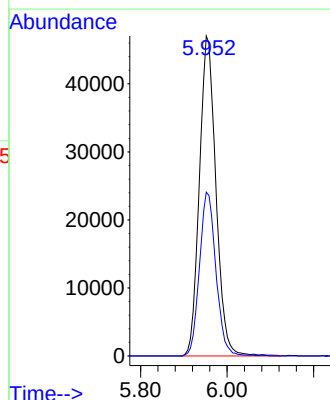
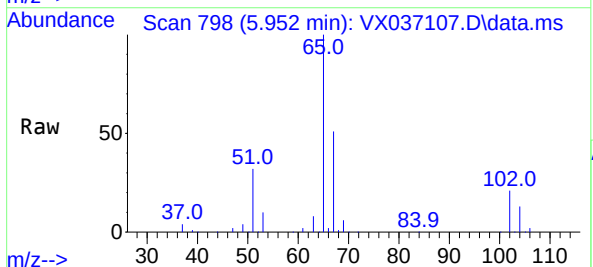
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20230816

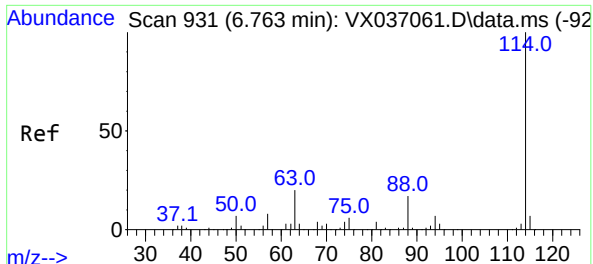
Tgt Ion:168 Resp: 165230  
Ion Ratio Lower Upper  
168 100  
99 62.8 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 52.358 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

Tgt Ion: 65 Resp: 124721  
Ion Ratio Lower Upper  
65 100  
67 50.8 0.0 100.2

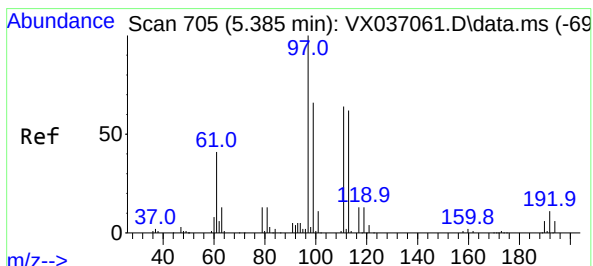
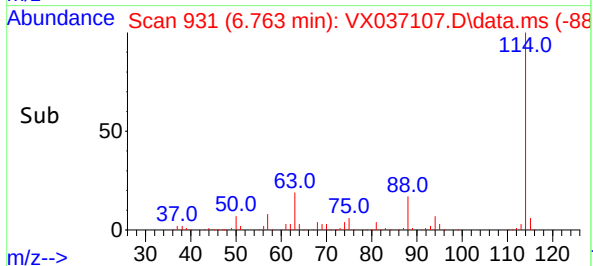
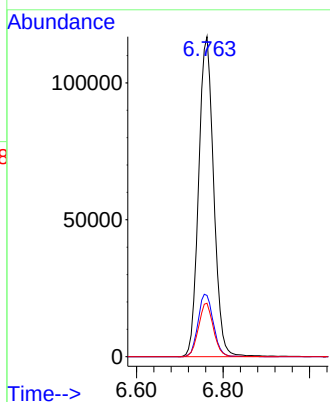
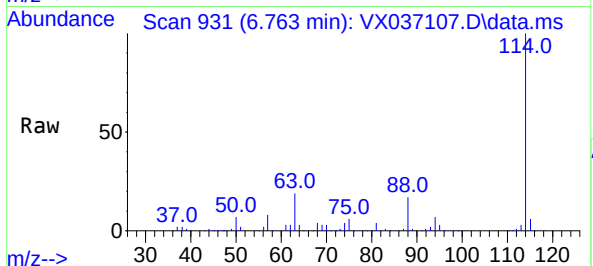




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

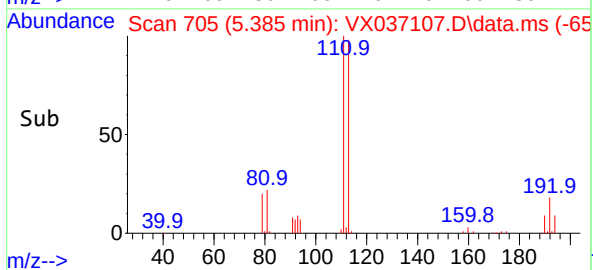
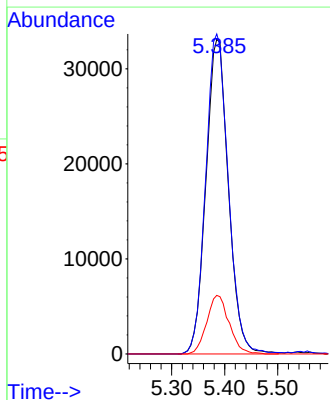
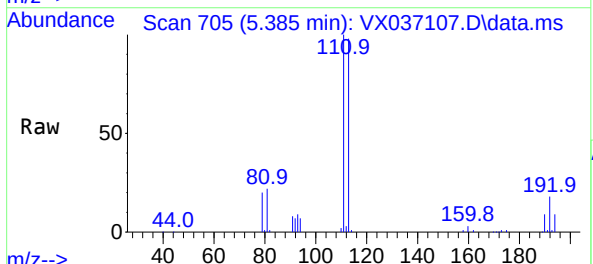
Instrument :  
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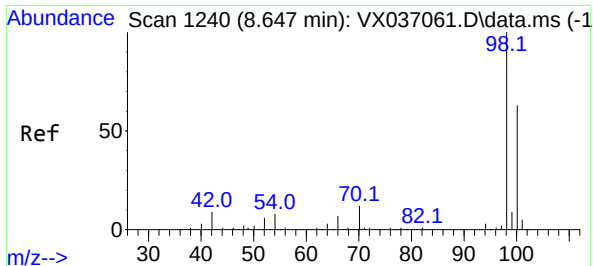
Tgt Ion:114 Resp: 281475  
Ion Ratio Lower Upper  
114 100  
63 19.1 0.0 45.0  
88 16.7 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 52.285 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

Tgt Ion:113 Resp: 97467  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 18.5 13.3 19.9

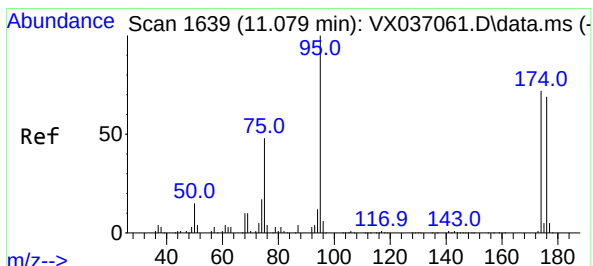
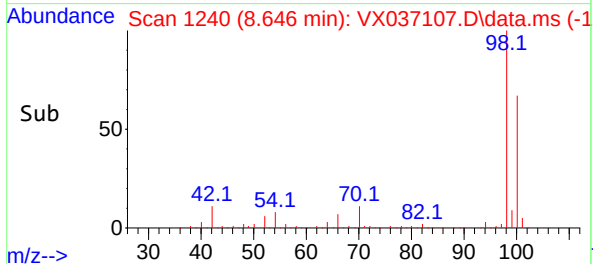
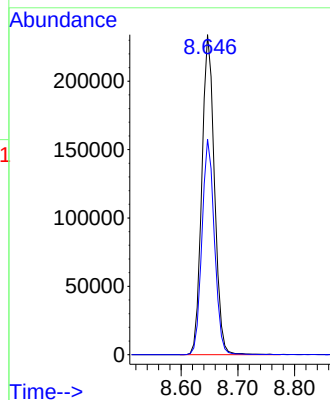
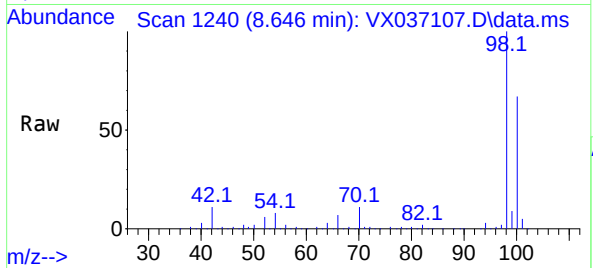




#50  
Toluene-d8  
Concen: 53.522 ug/l  
RT: 8.646 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

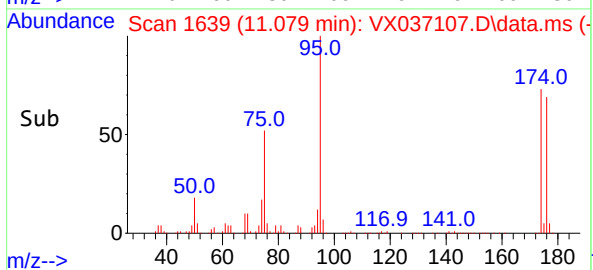
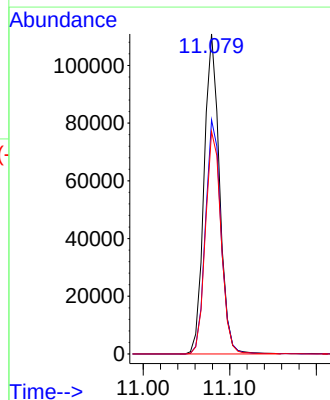
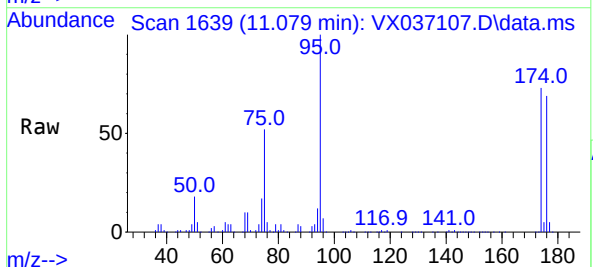
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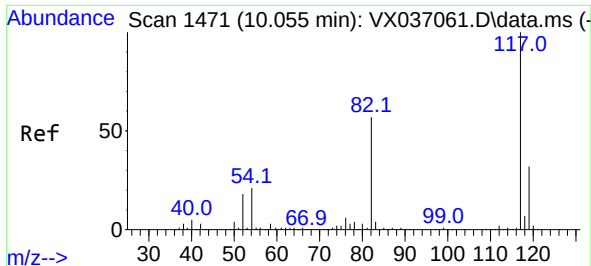
Tgt Ion: 98 Resp: 361913  
Ion Ratio Lower Upper  
98 100  
100 66.5 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 51.480 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

Tgt Ion: 95 Resp: 136801  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 135.6  
176 70.7 0.0 131.0

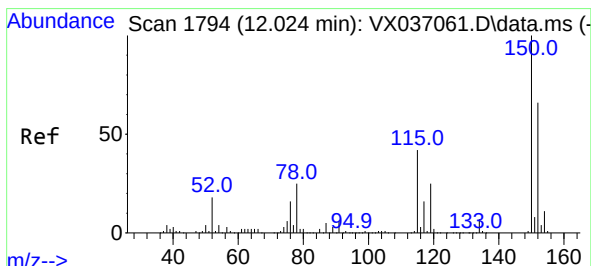
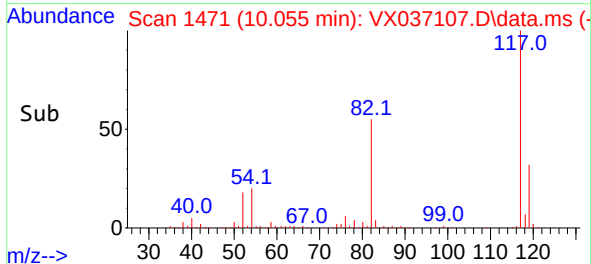
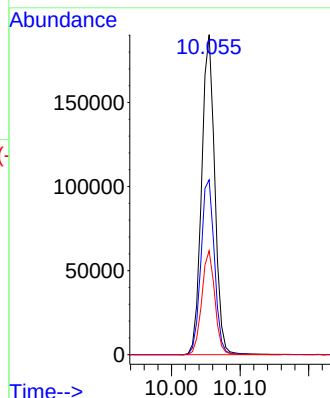
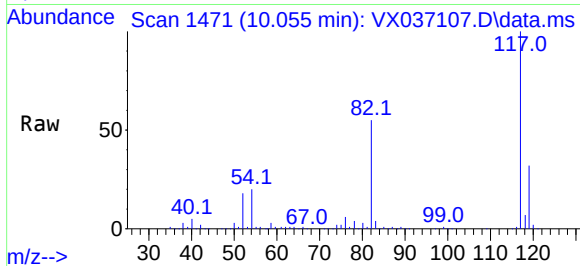




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-20230816

Tgt Ion:117 Resp: 255178  
Ion Ratio Lower Upper  
117 100  
82 54.6 46.2 69.4  
119 32.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX037107.D  
Acq: 19 Aug 2023 04:26

Tgt Ion:152 Resp: 119787  
Ion Ratio Lower Upper  
152 100  
115 63.3 43.3 129.9  
150 156.5 0.0 345.0

