

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX022924\  
 Data File : VX040529.D  
 Acq On : 29 Feb 2024 12:06  
 Operator : JC/MD  
 Sample : VX0229WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0229WBL01

Quant Time: Mar 01 03:44:44 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022624W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 27 05:01:33 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 74859    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 129380   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 127045   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 67637    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 59183    | 47.268   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 94.540%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 44601    | 49.573   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 99.140%  |
| 50) Toluene-d8              | 8.647  | 98    | 160173   | 49.046   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 98.100%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 66978    | 53.802   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 107.600% |

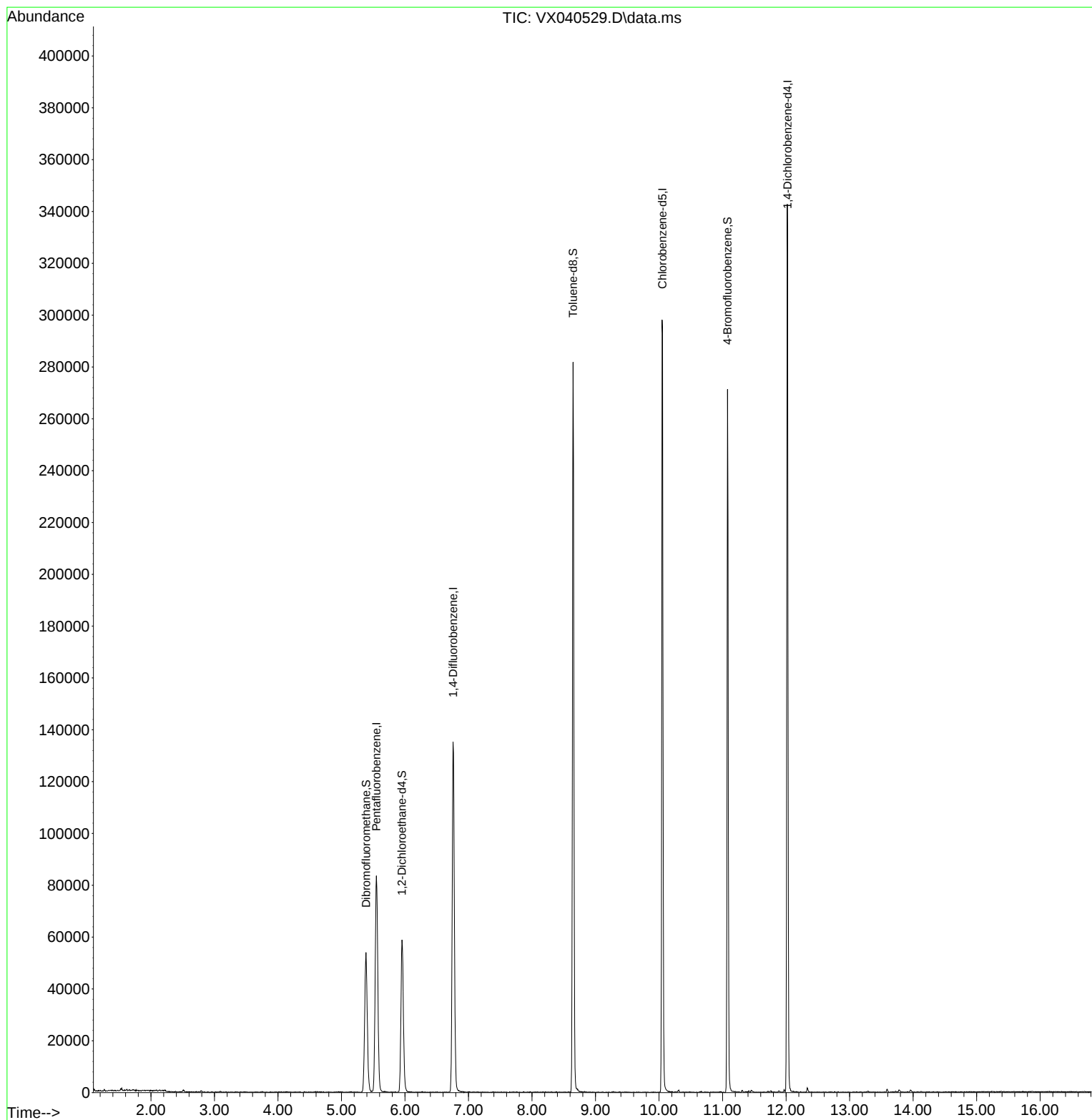
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

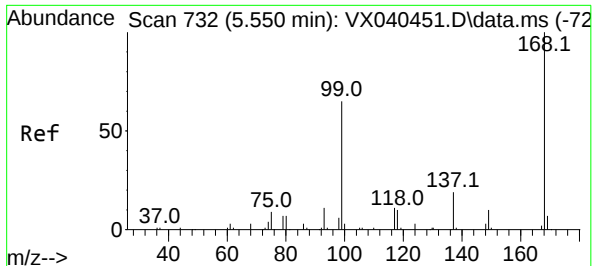
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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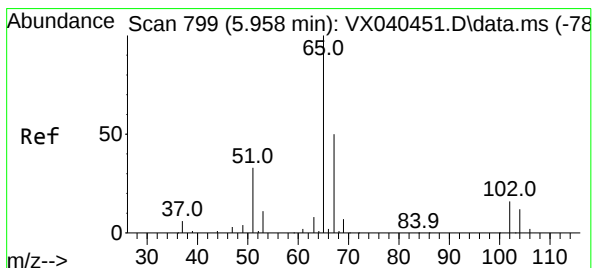
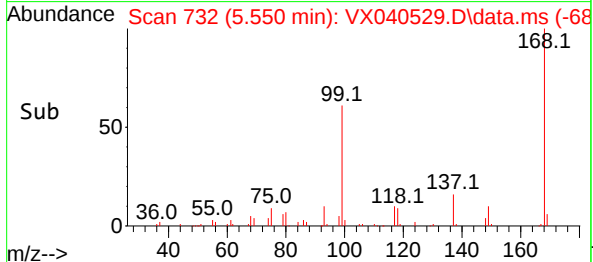
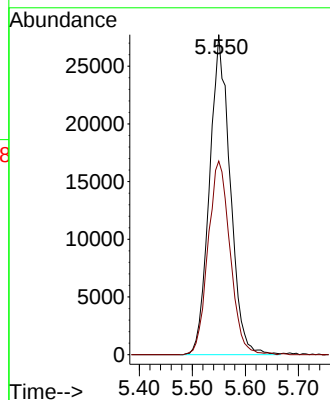
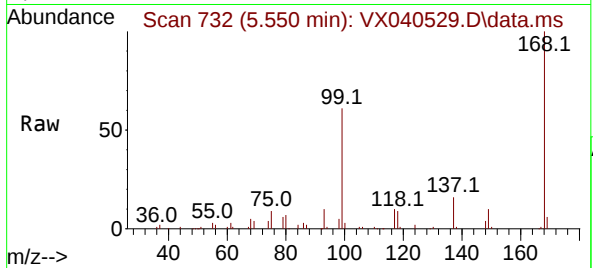




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

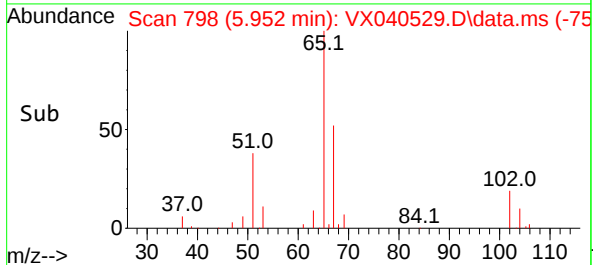
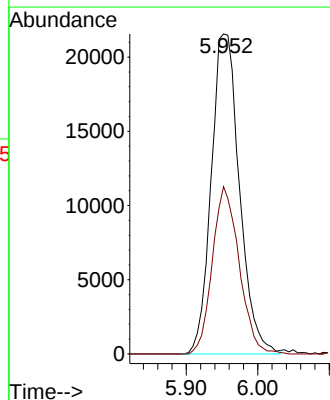
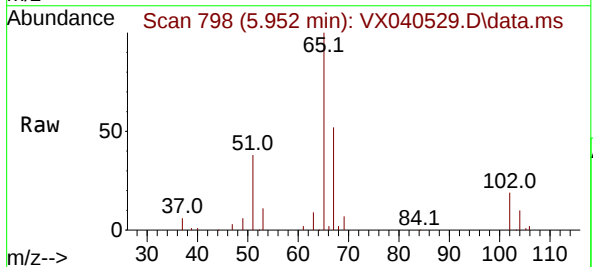
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0229WBL01

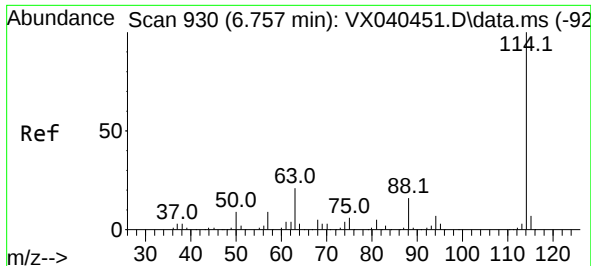
Tgt Ion:168 Resp: 74859  
Ion Ratio Lower Upper  
168 100  
99 60.5 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 47.268 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

Tgt Ion: 65 Resp: 59183  
Ion Ratio Lower Upper  
65 100  
67 49.6 0.0 100.2

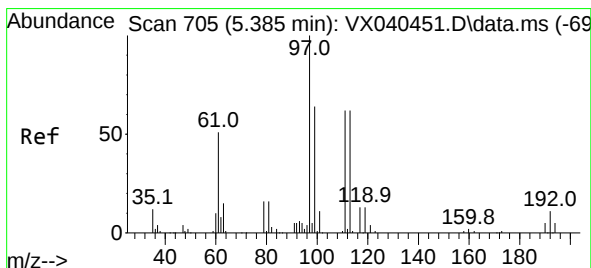
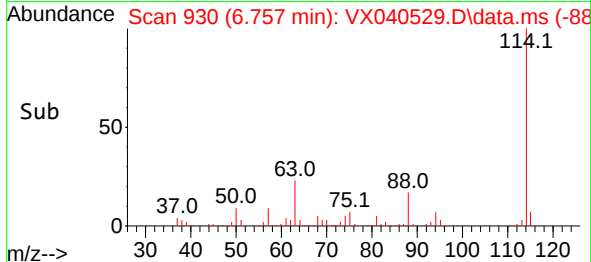
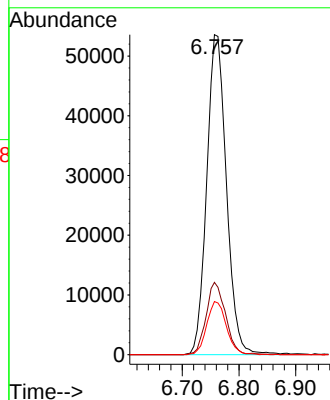
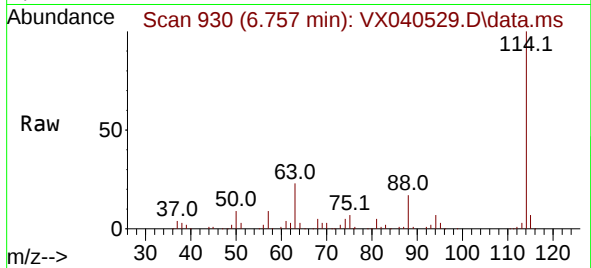




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

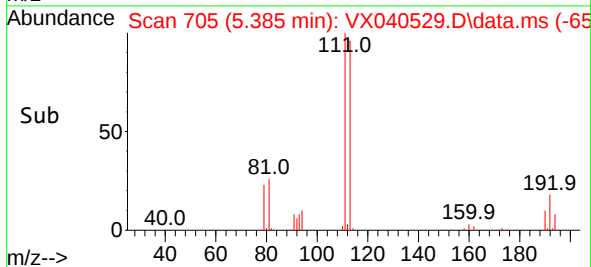
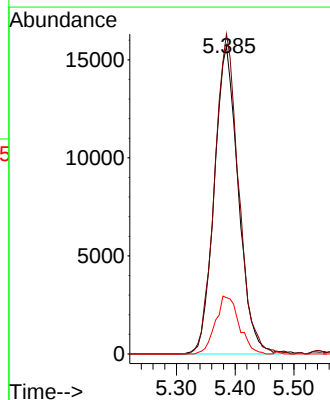
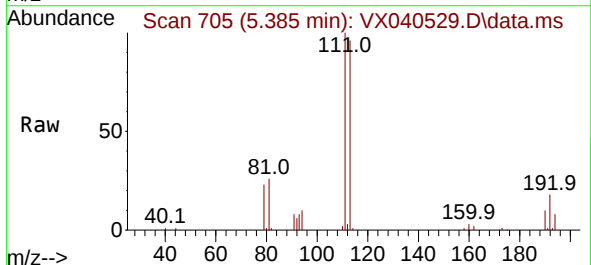
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0229WBL01

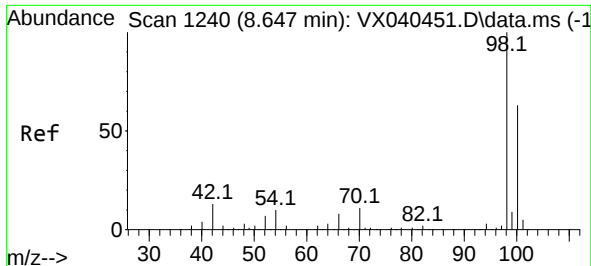
Tgt Ion:114 Resp: 129380  
Ion Ratio Lower Upper  
114 100  
63 22.6 0.0 45.0  
88 16.6 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.573 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

Tgt Ion:113 Resp: 44601  
Ion Ratio Lower Upper  
113 100  
111 103.7 82.9 124.3  
192 18.4 13.3 19.9

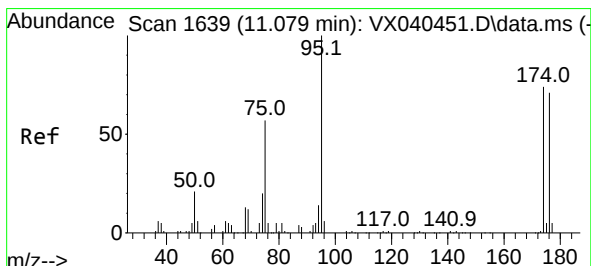
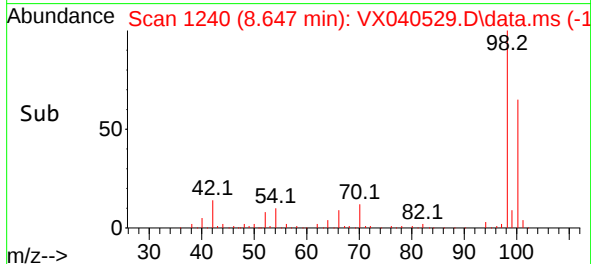
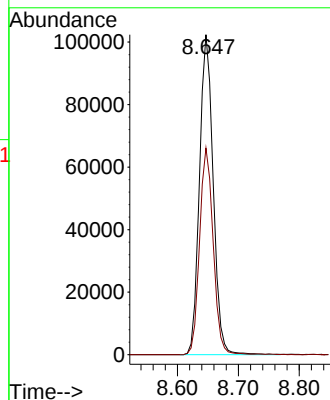
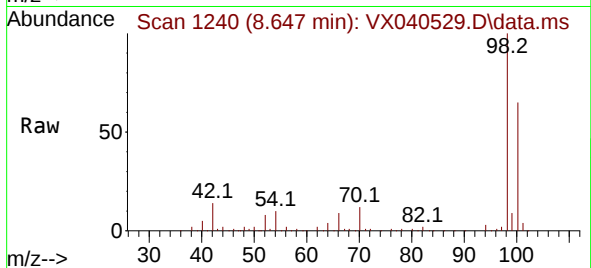




#50  
Toluene-d8  
Concen: 49.046 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

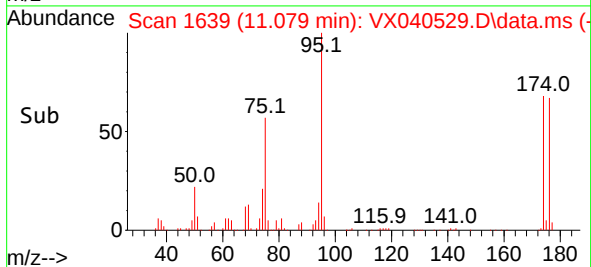
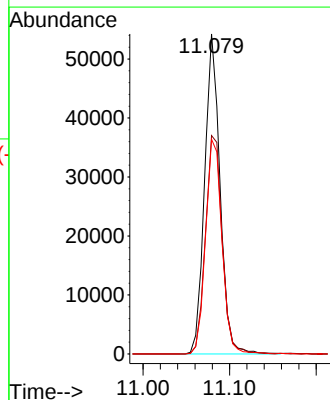
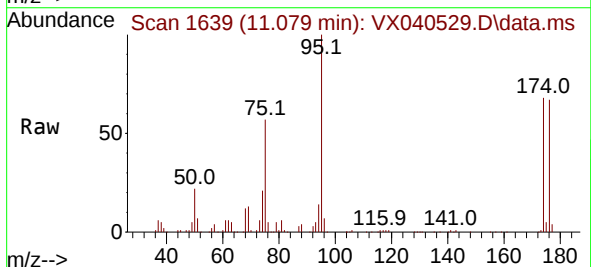
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ClientSampleId :  
VX0229WBL01

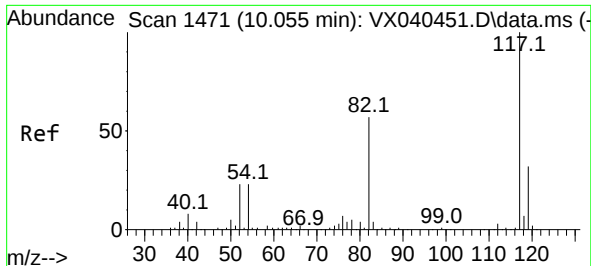
Tgt Ion: 98 Resp: 160173  
Ion Ratio Lower Upper  
98 100  
100 64.0 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 53.802 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

Tgt Ion: 95 Resp: 66978  
Ion Ratio Lower Upper  
95 100  
174 74.3 0.0 135.6  
176 71.4 0.0 131.0

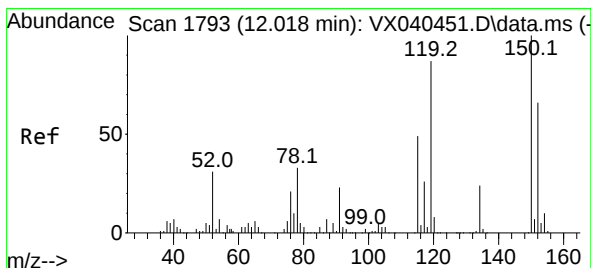
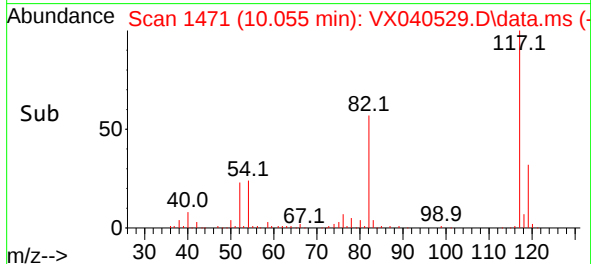
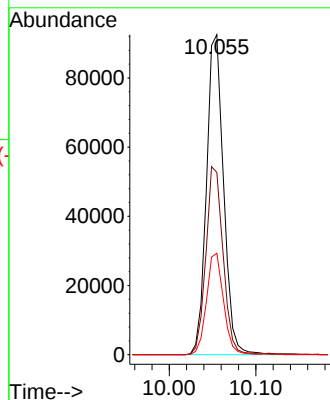
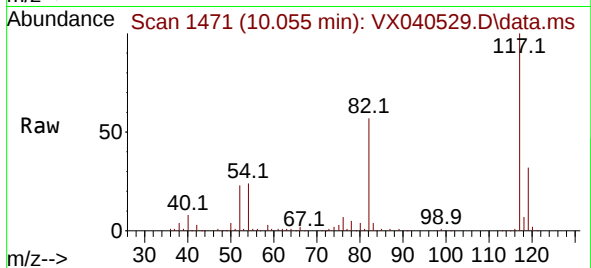




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0229WBL01

Tgt Ion:117 Resp: 127045  
Ion Ratio Lower Upper  
117 100  
82 56.9 46.2 69.4  
119 31.7 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.006 min  
Lab File: VX040529.D  
Acq: 29 Feb 2024 12:06

Tgt Ion:152 Resp: 67637  
Ion Ratio Lower Upper  
152 100  
115 63.3 43.3 129.9  
150 157.7 0.0 345.0

