

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX011924\  
 Data File : VX039853.D  
 Acq On : 19 Jan 2024 21:16  
 Operator : JC/MD  
 Sample : VX0119MBL02  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0119MBL02

Quant Time: Jan 20 03:25:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 11 03:51:26 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 81827    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 148379   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 141144   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 66890    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 62944    | 45.920   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 91.840% |
| 35) Dibromofluoromethane    | 5.379  | 113   | 49334    | 49.364   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 98.720% |
| 50) Toluene-d8              | 8.647  | 98    | 181268   | 48.091   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.180% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 70054    | 47.527   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 95.060% |

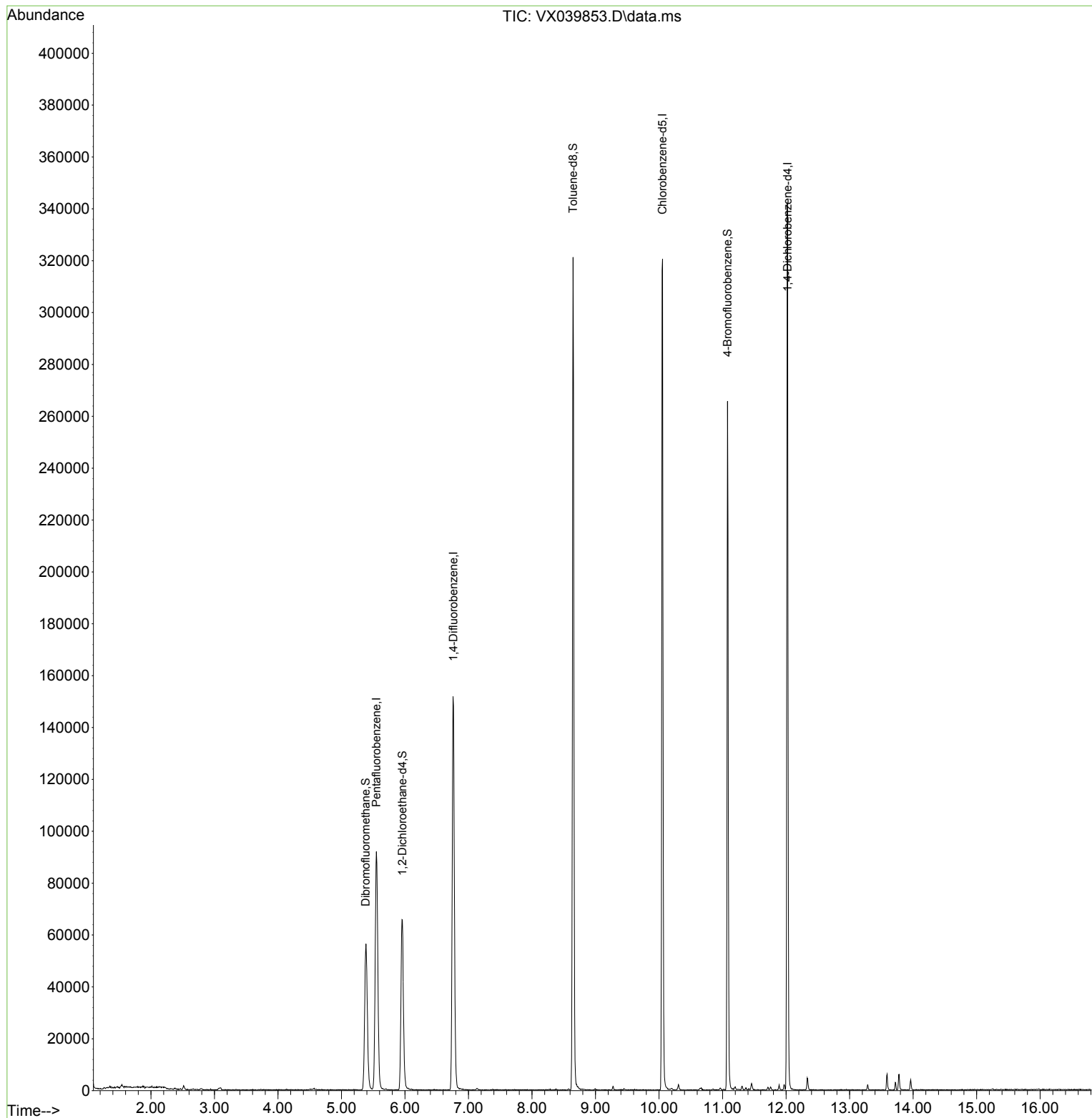
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

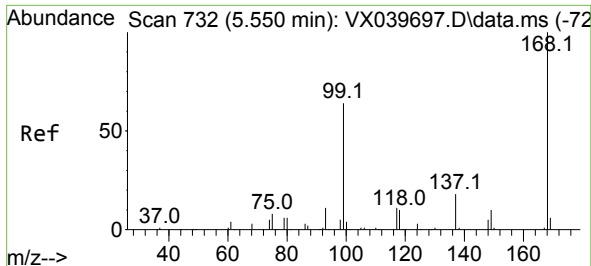
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119MBL02

Quant Time: Jan 20 03:25:06 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 11 03:51:26 2024  
Response via : Initial Calibration

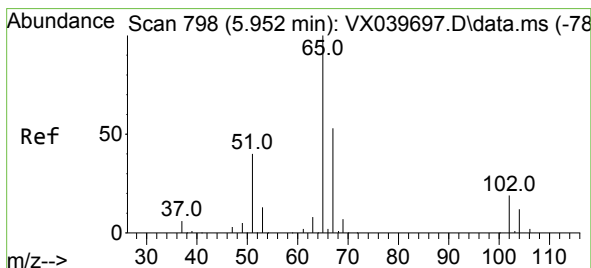
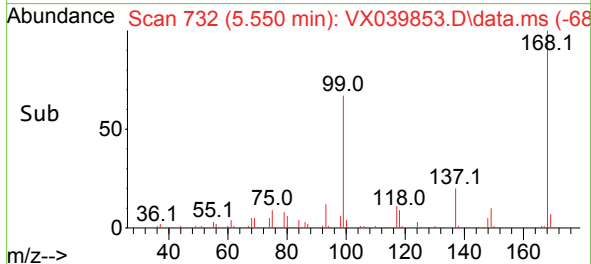
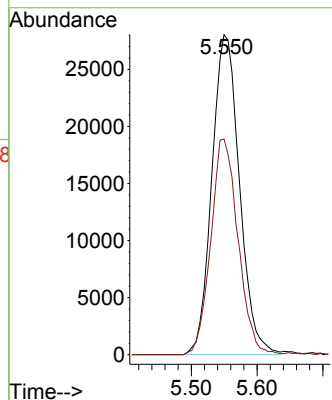
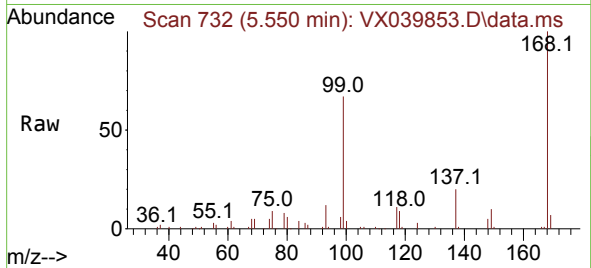




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 712  
Delta R.T. -0.000 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

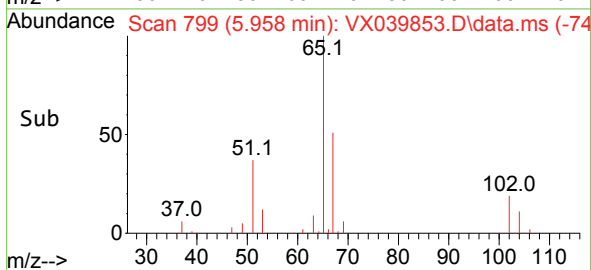
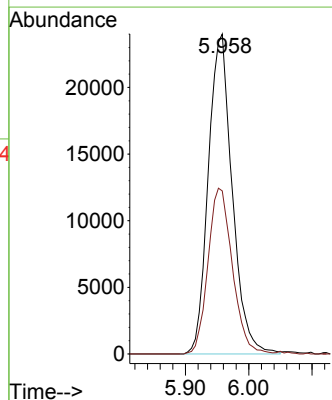
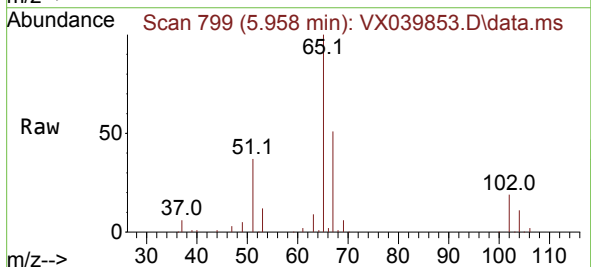
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119MBL02

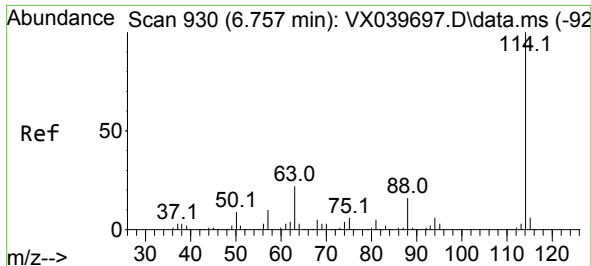
Tgt Ion:168 Resp: 81827  
Ion Ratio Lower Upper  
168 100  
99 67.4 56.6 85.0



#33  
1,2-Dichloroethane-d4  
Concen: 45.920 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

Tgt Ion: 65 Resp: 62944  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 100.2

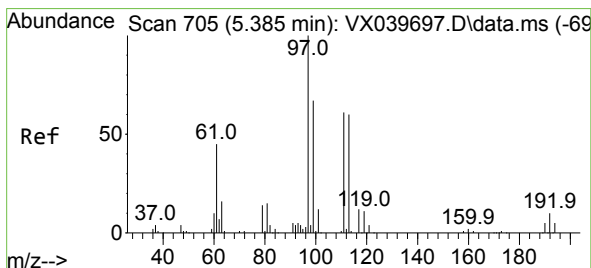
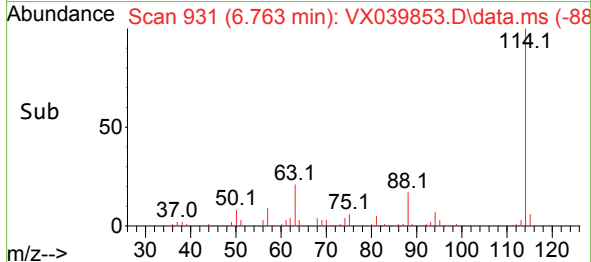
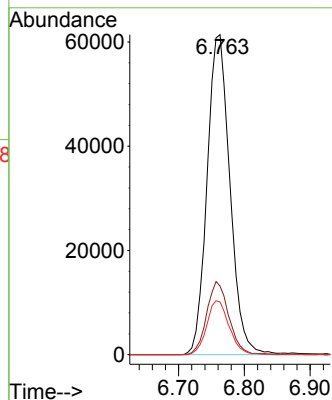
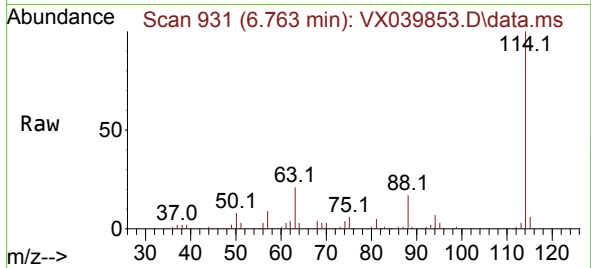




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

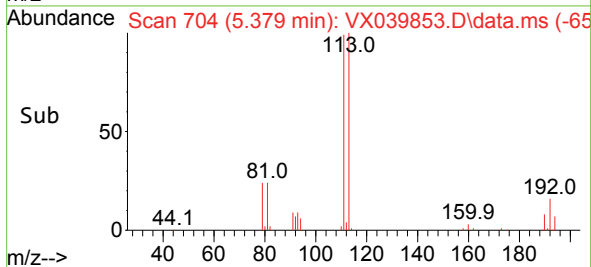
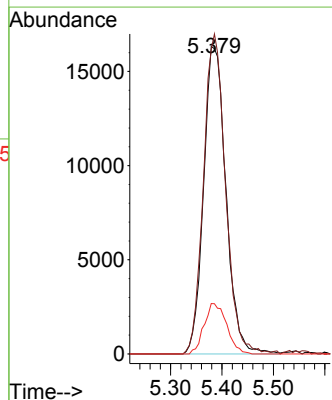
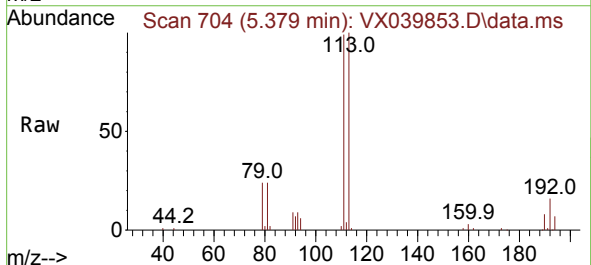
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119MBL02

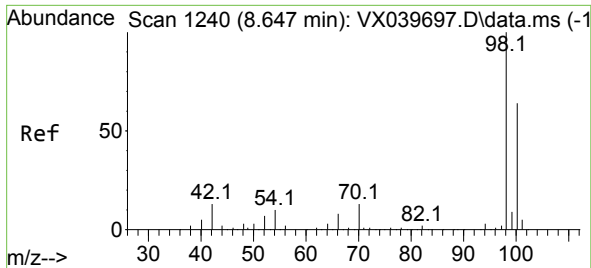
Tgt Ion:114 Resp: 148379  
Ion Ratio Lower Upper  
114 100  
63 21.4 0.0 45.0  
88 16.5 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 49.364 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

Tgt Ion:113 Resp: 49334  
Ion Ratio Lower Upper  
113 100  
111 102.4 82.9 124.3  
192 16.5 13.3 19.9

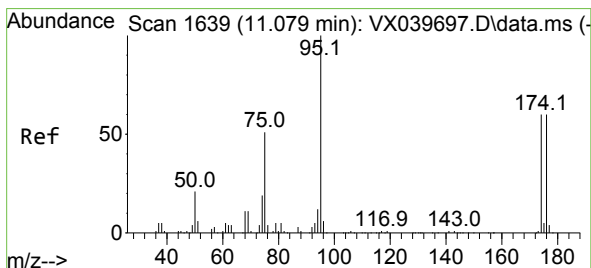
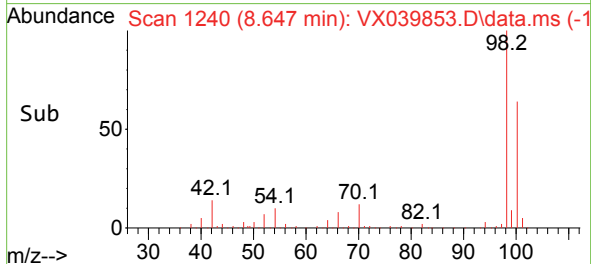
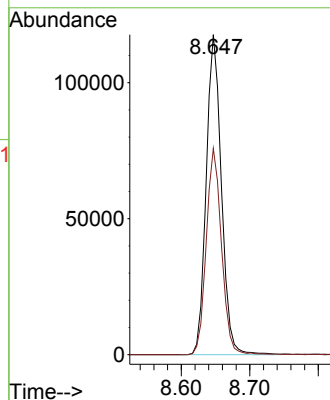
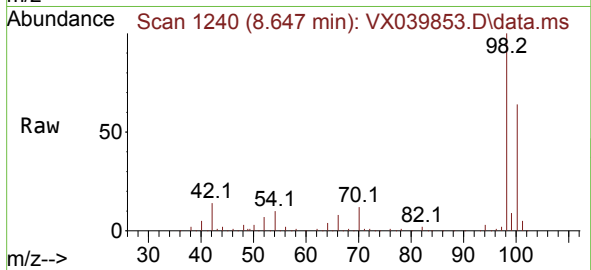




#50  
Toluene-d8  
Concen: 48.091 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

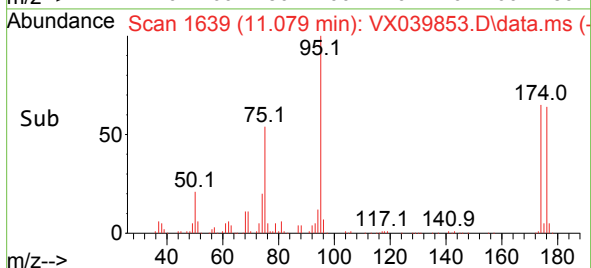
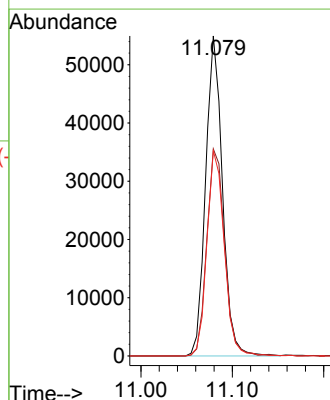
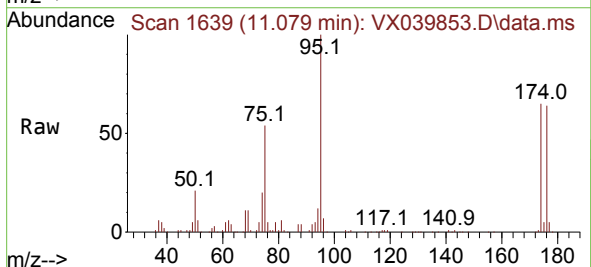
Instrument :  
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ClientSampleId :  
VX0119MBL02

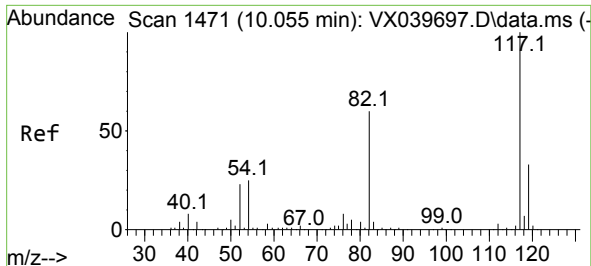
Tgt Ion: 98 Resp: 181268  
Ion Ratio Lower Upper  
98 100  
100 64.9 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 47.527 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

Tgt Ion: 95 Resp: 70054  
Ion Ratio Lower Upper  
95 100  
174 68.3 0.0 135.6  
176 66.2 0.0 131.0

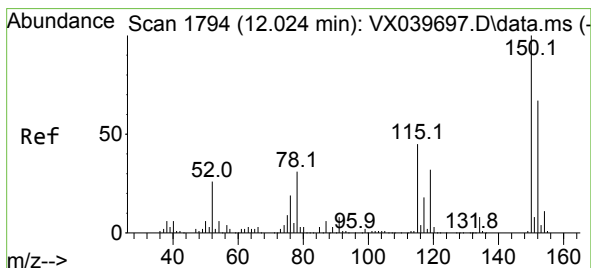
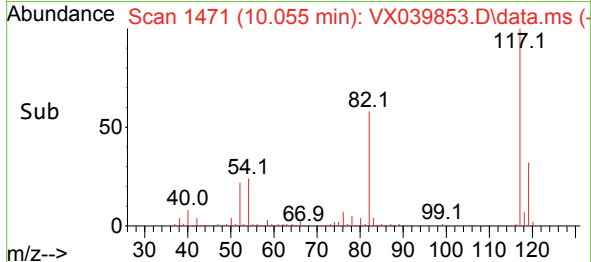
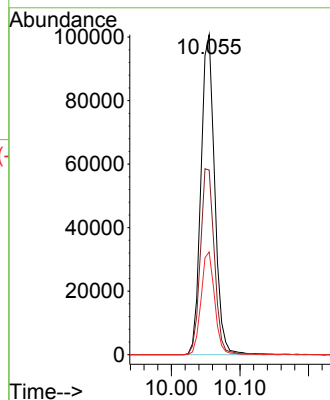
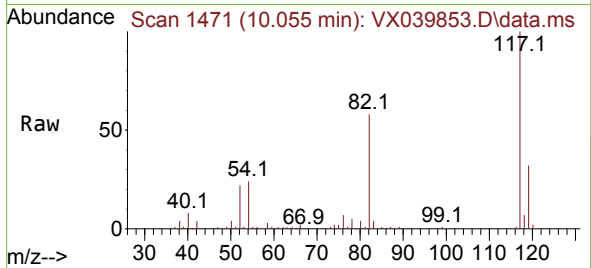




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX039853.D  
Acq: 19 Jan 2024 21:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0119MBL02

Tgt Ion:117 Resp: 141144  
Ion Ratio Lower Upper  
117 100  
82 57.7 46.2 69.4  
119 32.1 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: VX039853.D  
Acq: 19 Jan 2024 21:16

Tgt Ion:152 Resp: 66890  
Ion Ratio Lower Upper  
152 100  
115 64.2 43.3 129.9  
150 157.8 0.0 345.0

