

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060223\  
 Data File : VX035971.D  
 Acq On : 02 Jun 2023 10:04  
 Operator : JC/MD  
 Sample : VX0602MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0602MBL01

Quant Time: Jun 02 15:50:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 31 12:50:30 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 229814   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 370674   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 323032   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 151267   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 155356   | 41.630   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 83.260% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 113690   | 45.601   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 91.200% |
| 50) Toluene-d8              | 8.647  | 98    | 430472   | 48.110   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.220% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 165238   | 46.781   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 93.560% |

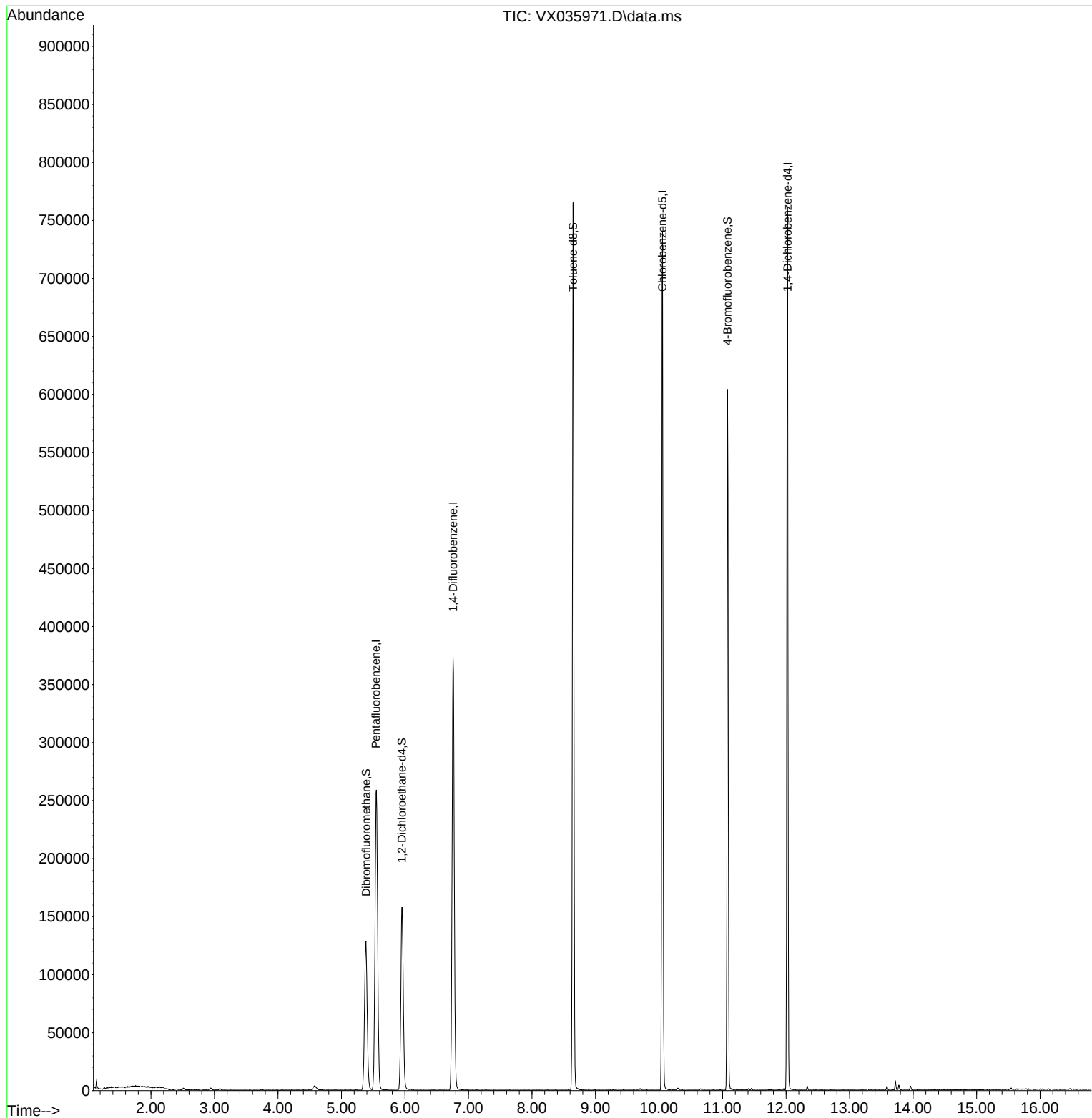
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

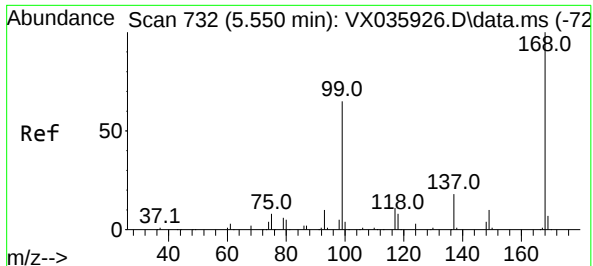
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060223\  
Data File : VX035971.D  
Acq On : 02 Jun 2023 10:04  
Operator : JC/MD  
Sample : VX0602MBL01  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0602MBL01

Quant Time: Jun 02 15:50:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X053123W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 31 12:50:30 2023  
Response via : Initial Calibration

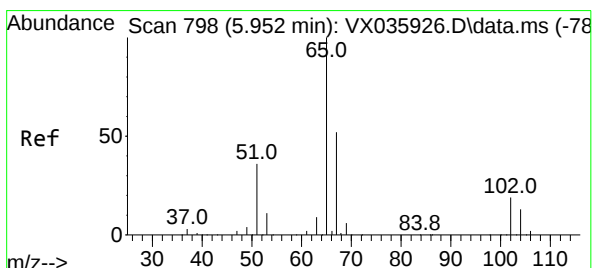
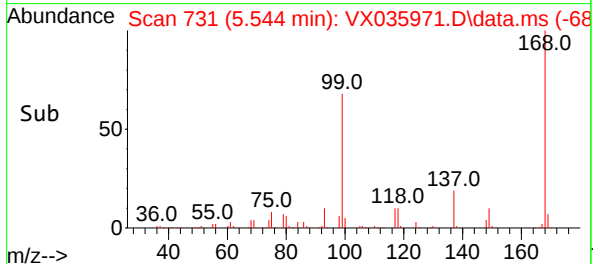
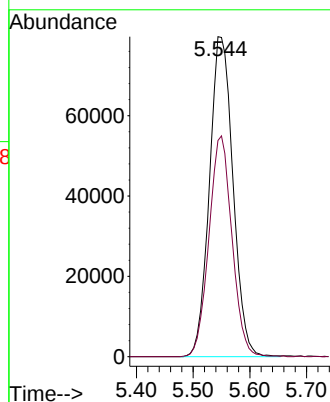
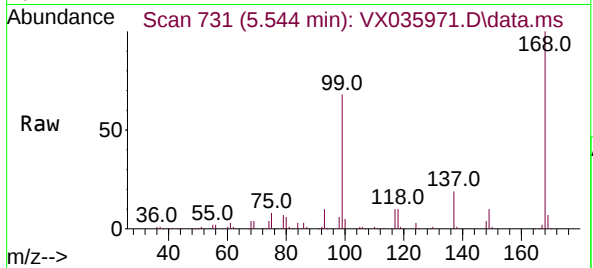




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.005 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

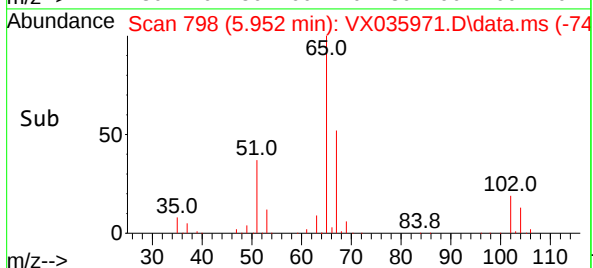
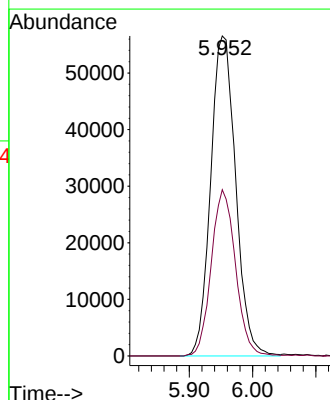
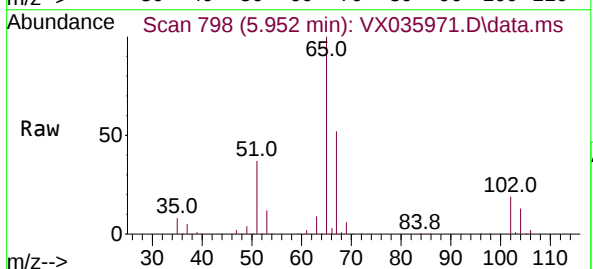
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0602MBL01

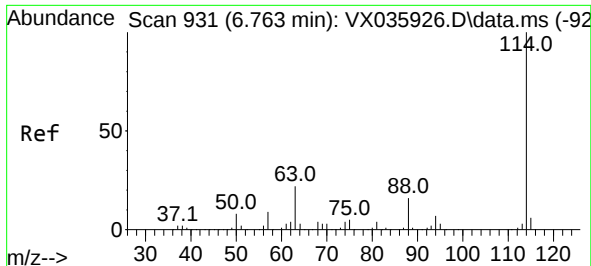
Tgt Ion:168 Resp: 229814  
Ion Ratio Lower Upper  
168 100  
99 67.6 57.0 85.6



#33  
1,2-Dichloroethane-d4  
Concen: 41.630 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

Tgt Ion: 65 Resp: 155356  
Ion Ratio Lower Upper  
65 100  
67 50.3 0.0 99.6

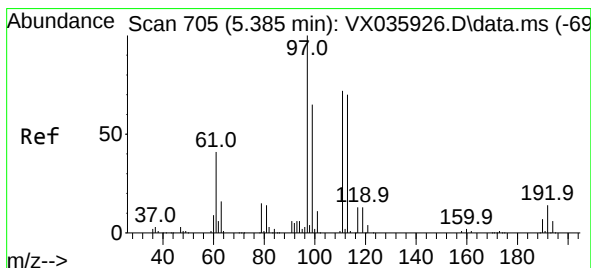
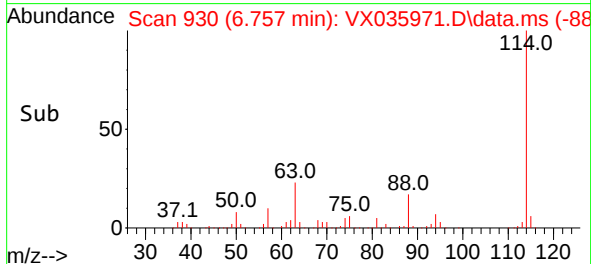
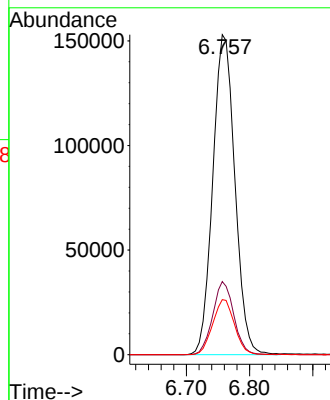
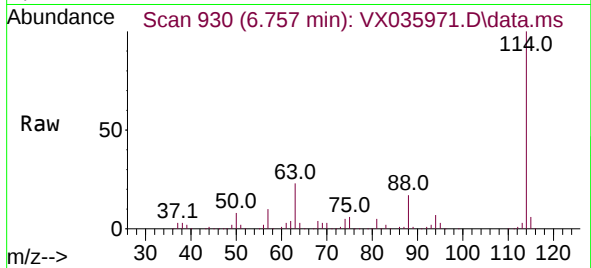




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

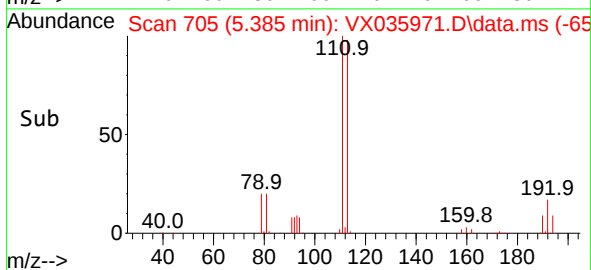
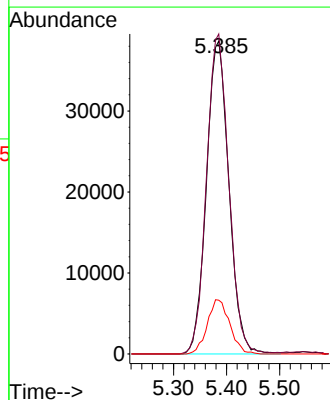
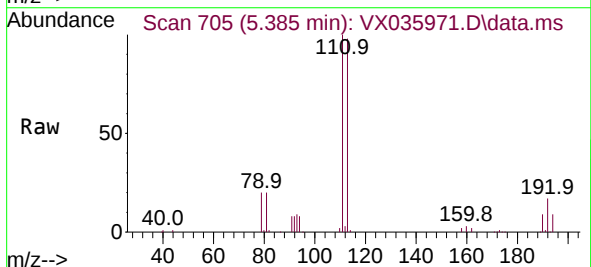
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0602MBL01

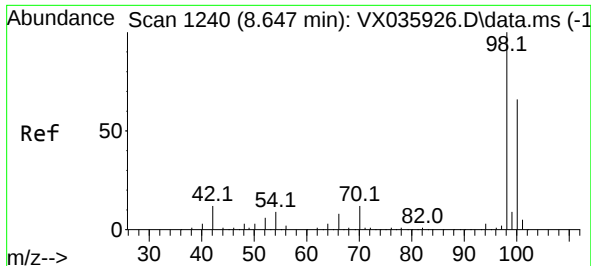
Tgt Ion:114 Resp: 370674  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 46.0  
88 17.2 0.0 35.2



#35  
Dibromofluoromethane  
Concen: 45.601 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

Tgt Ion:113 Resp: 113690  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.7 122.5  
192 17.3 13.5 20.3

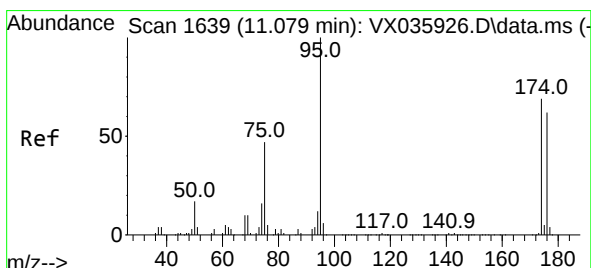
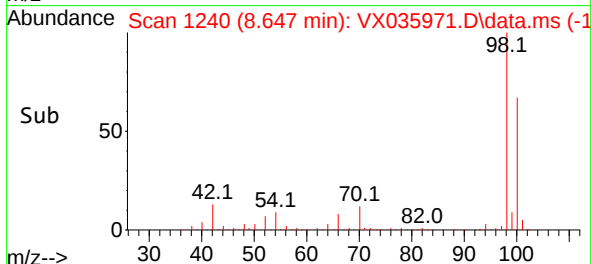
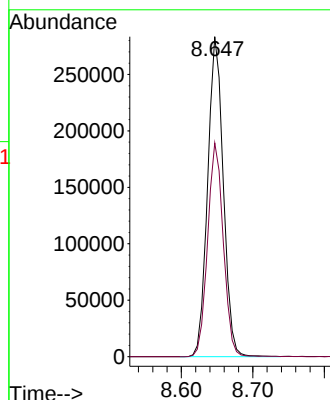
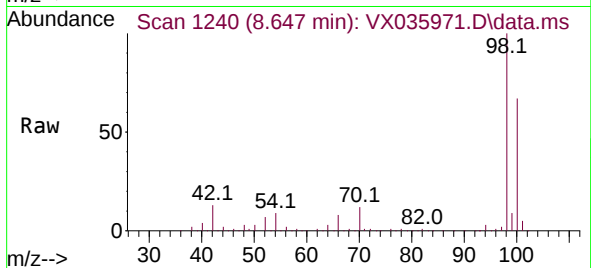




#50  
Toluene-d8  
Concen: 48.110 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.001 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

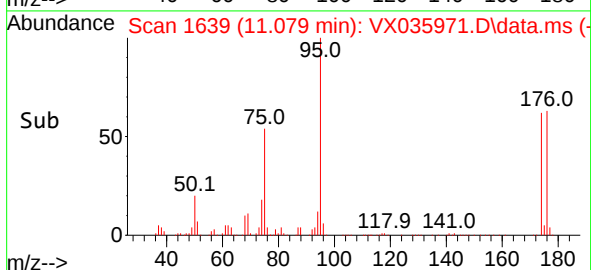
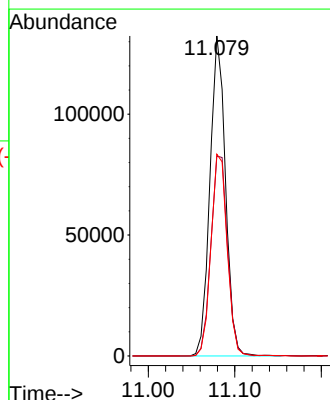
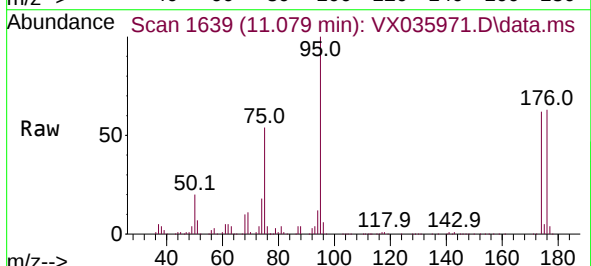
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0602MBL01

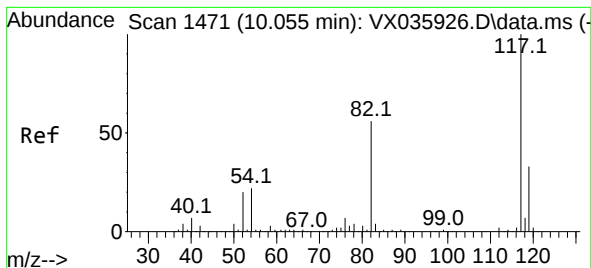
Tgt Ion: 98 Resp: 430472  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 46.781 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

Tgt Ion: 95 Resp: 165238  
Ion Ratio Lower Upper  
95 100  
174 67.0 0.0 132.6  
176 65.4 0.0 128.0

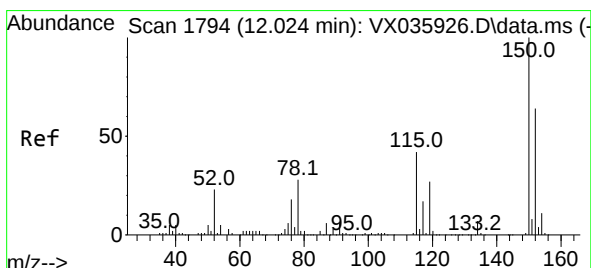
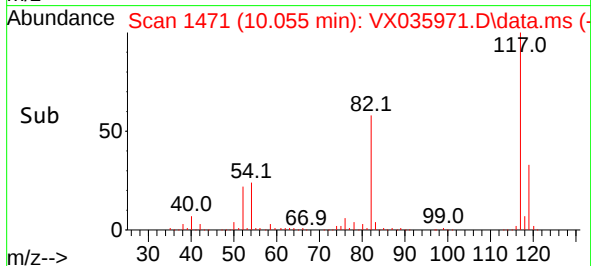
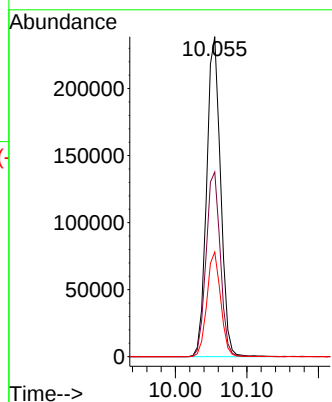
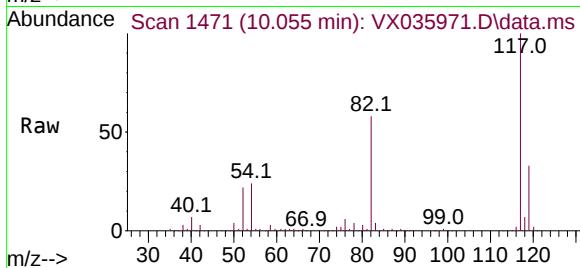




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0602MBL01

Tgt Ion:117 Resp: 323032  
Ion Ratio Lower Upper  
117 100  
82 57.7 46.6 69.8  
119 32.7 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035971.D  
Acq: 02 Jun 2023 10:04

Tgt Ion:152 Resp: 151267  
Ion Ratio Lower Upper  
152 100  
115 64.7 45.5 136.5  
150 157.8 0.0 345.2

