

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060523\  
 Data File : VX036011.D  
 Acq On : 05 Jun 2023 18:26  
 Operator : JC/MD  
 Sample : 03039-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-34

Quant Time: Jun 06 06:47:44 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

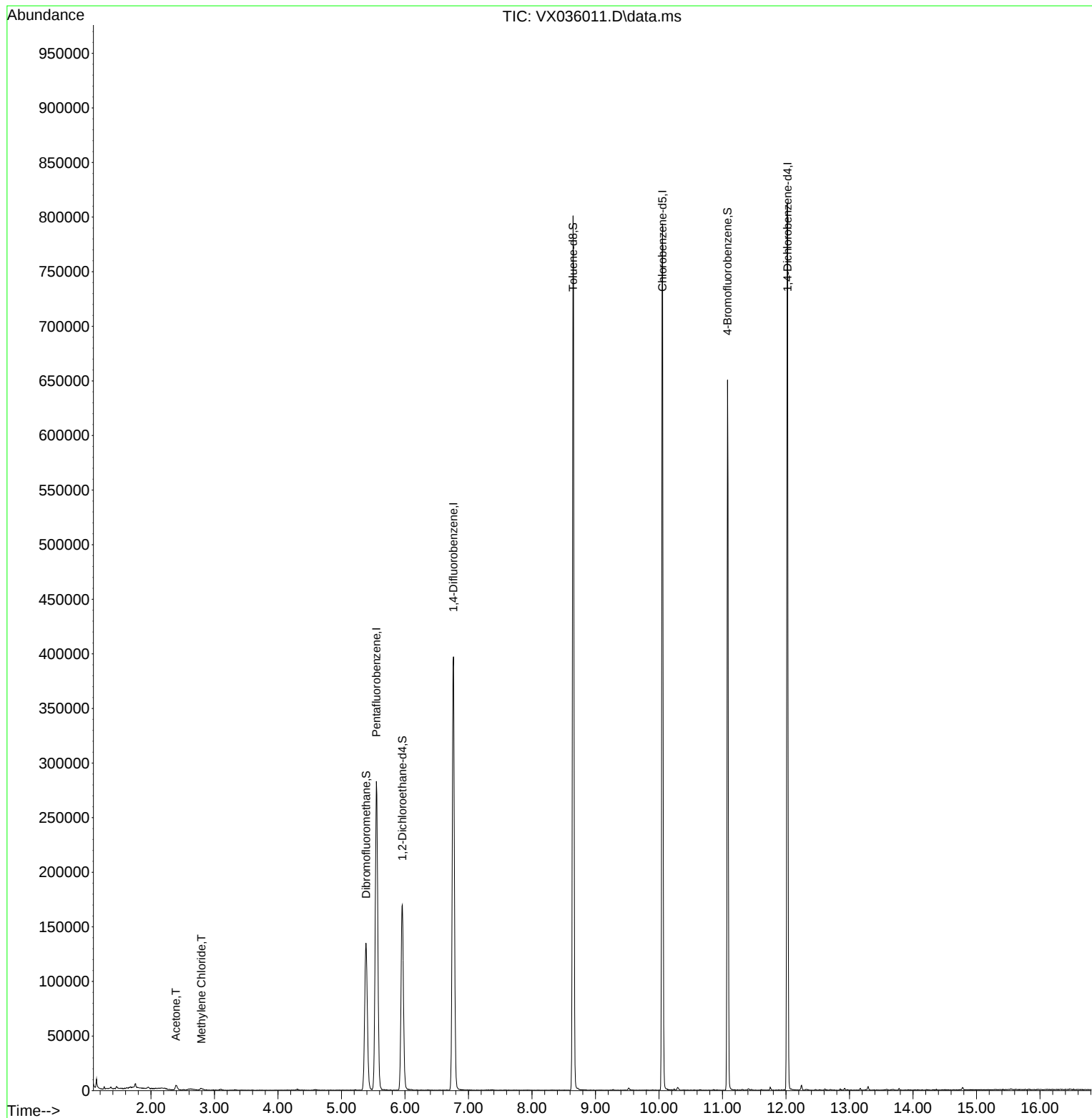
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 238727   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 379626   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 353648   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 161036   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 173730   | 44.815   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 89.640%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 118406   | 46.373   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.740%  |
| 50) Toluene-d8              | 8.647  | 98    | 463197   | 50.546   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 101.100% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 177239   | 48.995   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.000%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.392  | 43    | 6424     | 4.017    | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794  | 84    | 654      | 0.212    | ug/l # | 77       |
| -----                       |        |       |          |          |        |          |

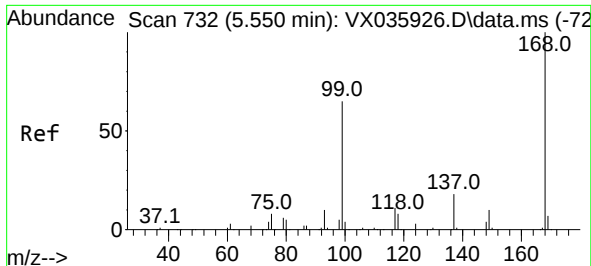
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060523\  
Data File : VX036011.D  
Acq On : 05 Jun 2023 18:26  
Operator : JC/MD  
Sample : 03039-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

Quant Time: Jun 06 06:47:44 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

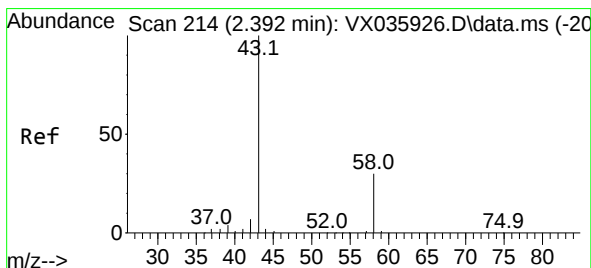
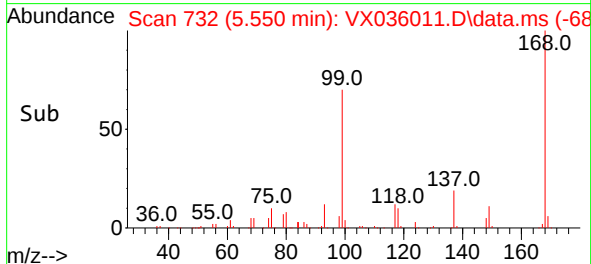
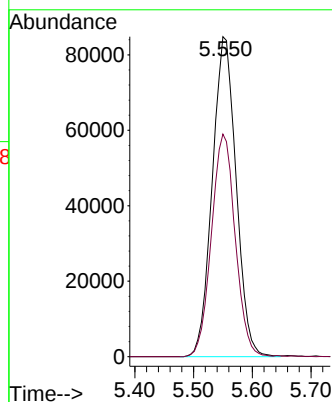
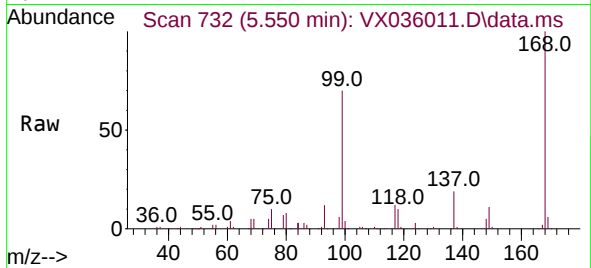




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

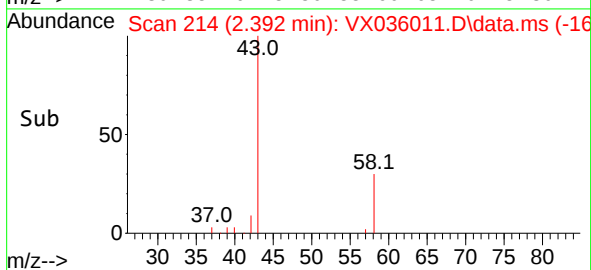
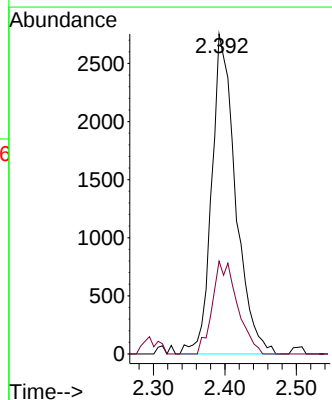
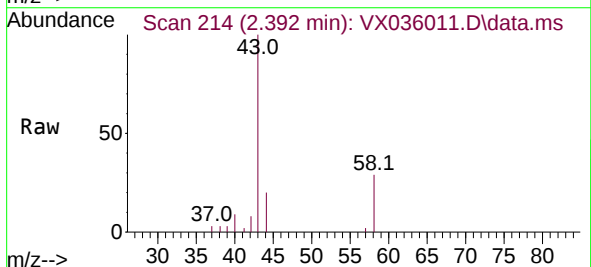
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

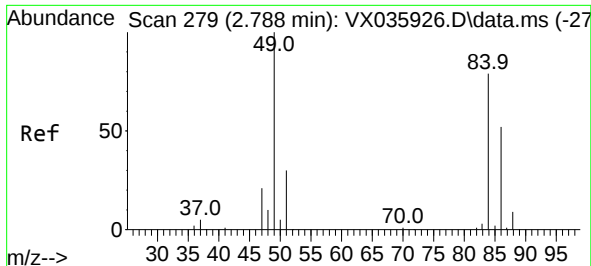
Tgt Ion:168 Resp: 238727  
Ion Ratio Lower Upper  
168 100  
99 69.5 57.0 85.6



#16  
Acetone  
Concen: 4.017 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.001 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

Tgt Ion: 43 Resp: 6424  
Ion Ratio Lower Upper  
43 100  
58 29.0 22.2 33.2

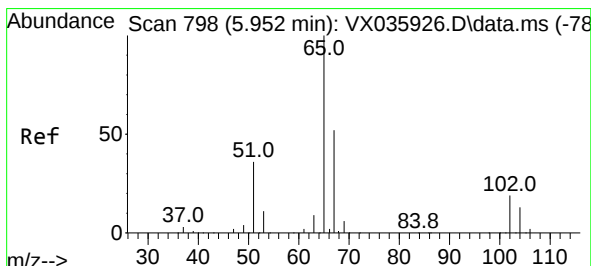
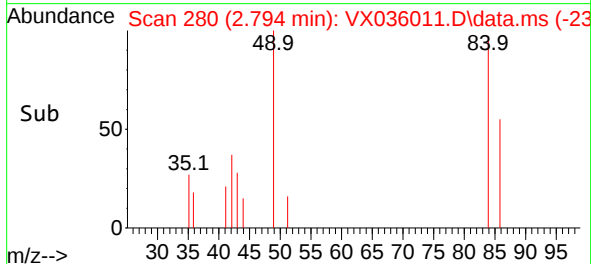
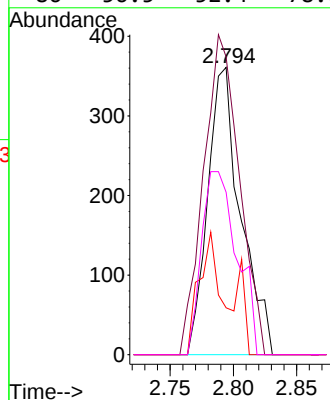
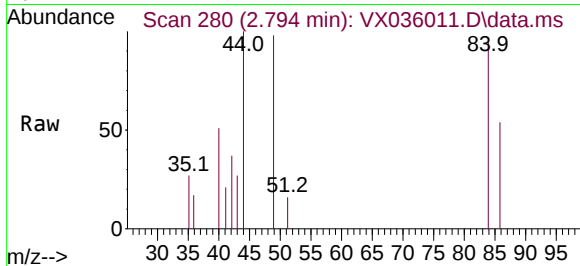




#20  
Methylene Chloride  
Concen: 0.212 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

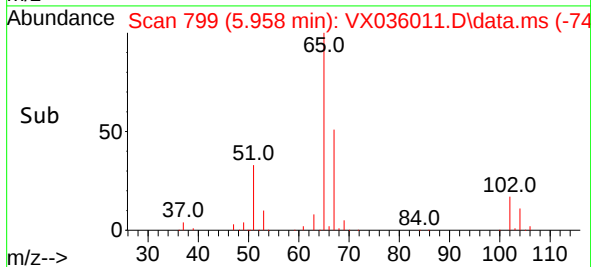
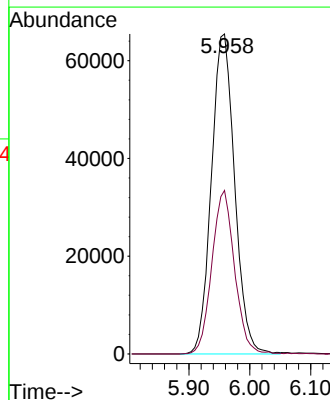
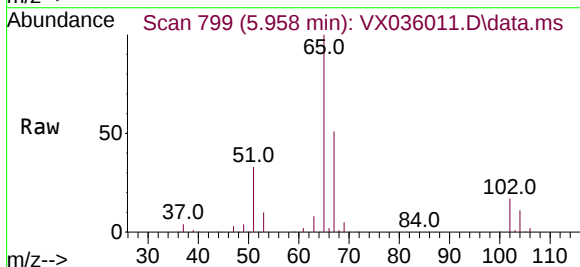
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

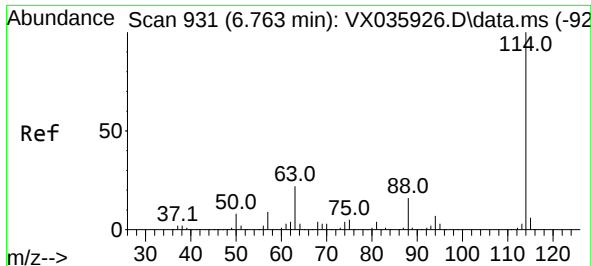
|             |              |
|-------------|--------------|
| Tgt Ion: 84 | Resp: 654    |
| Ion Ratio   | Lower Upper  |
| 84 100      |              |
| 49 103.6    | 104.6 156.8# |
| 51 16.3     | 32.2 48.4#   |
| 86 56.5     | 52.4 78.6    |



#33  
1,2-Dichloroethane-d4  
Concen: 44.815 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.006 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 173730 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 49.8     | 0.0 99.6     |

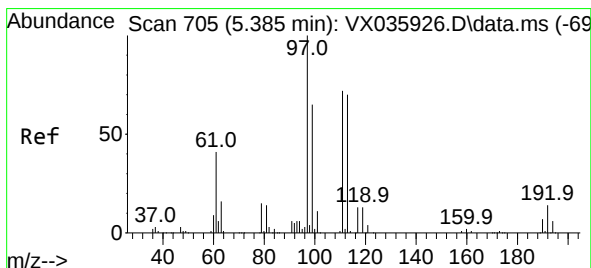
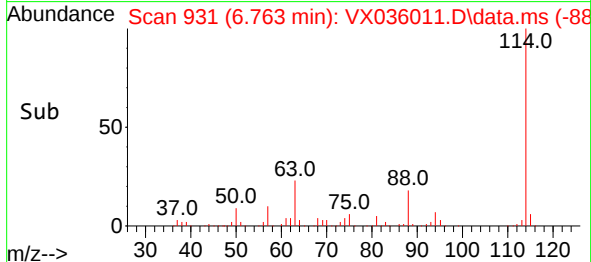
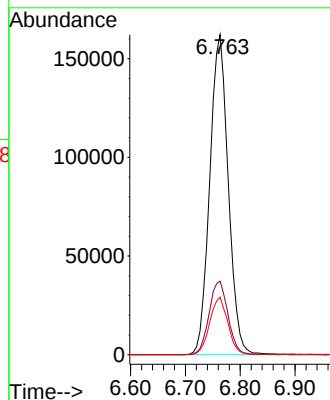
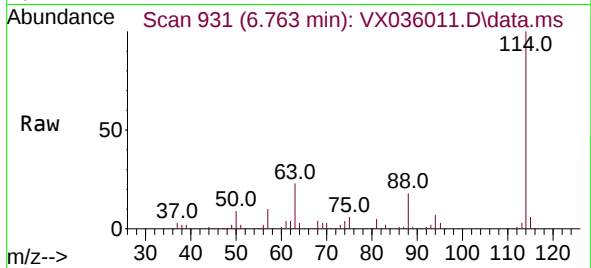




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

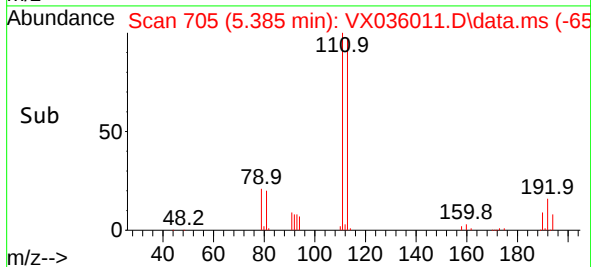
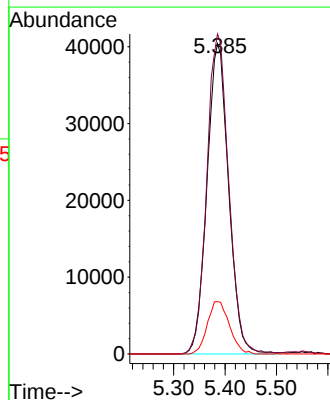
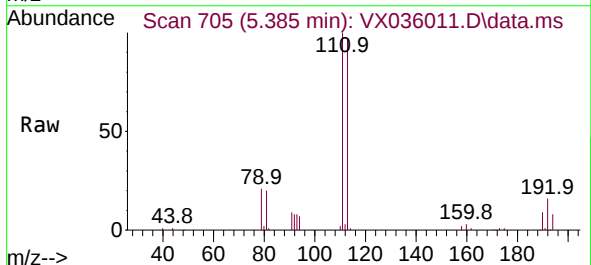
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

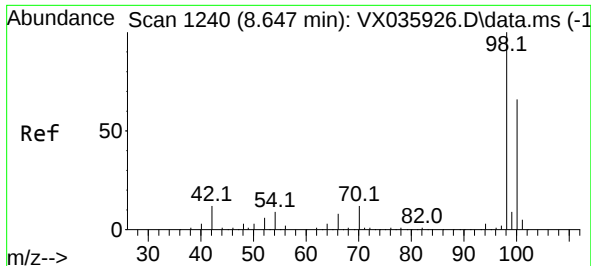
Tgt Ion:114 Resp: 379626  
Ion Ratio Lower Upper  
114 100  
63 23.0 0.0 46.0  
88 18.0 0.0 35.2



#35  
Dibromofluoromethane  
Concen: 46.373 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

Tgt Ion:113 Resp: 118406  
Ion Ratio Lower Upper  
113 100  
111 104.1 81.7 122.5  
192 17.2 13.5 20.3

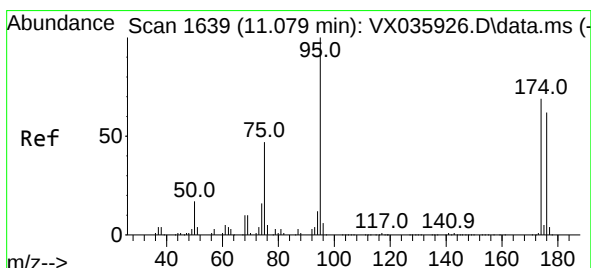
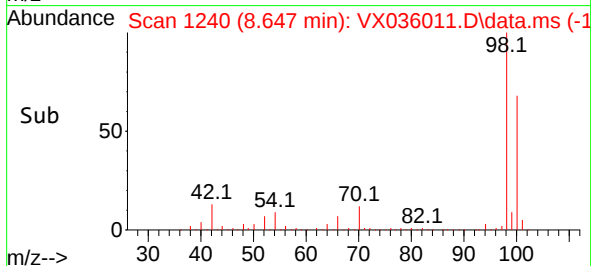
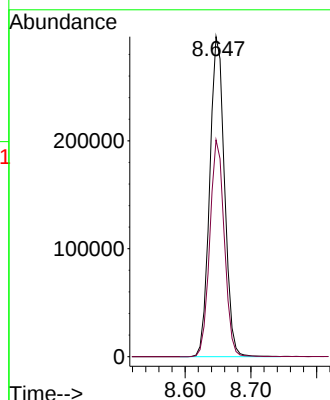
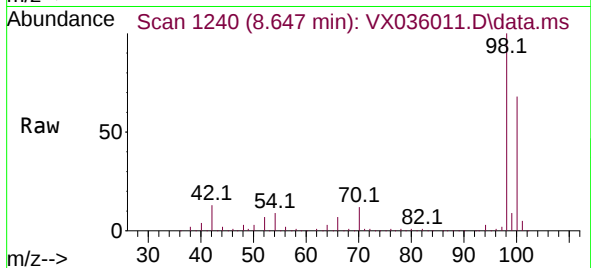




#50  
Toluene-d8  
Concen: 50.546 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

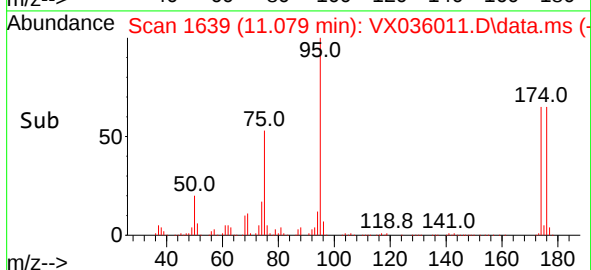
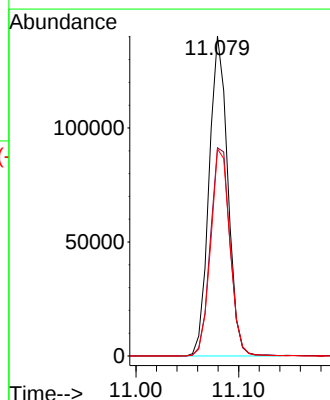
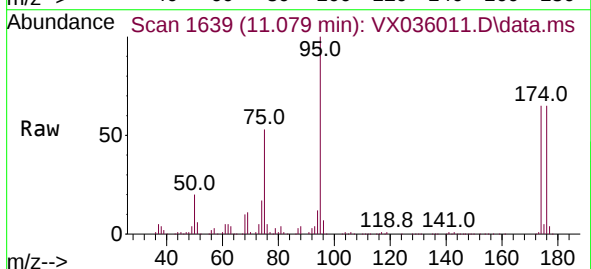
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

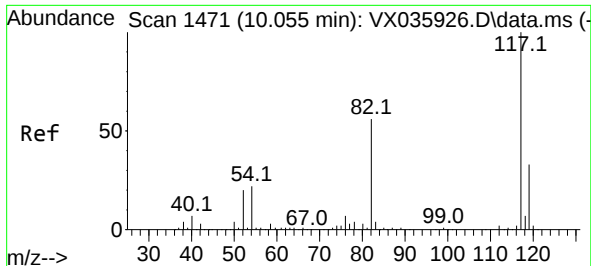
Tgt Ion: 98 Resp: 463197  
Ion Ratio Lower Upper  
98 100  
100 66.6 53.4 80.0



#62  
4-Bromofluorobenzene  
Concen: 48.995 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

Tgt Ion: 95 Resp: 177239  
Ion Ratio Lower Upper  
95 100  
174 68.4 0.0 132.6  
176 66.7 0.0 128.0

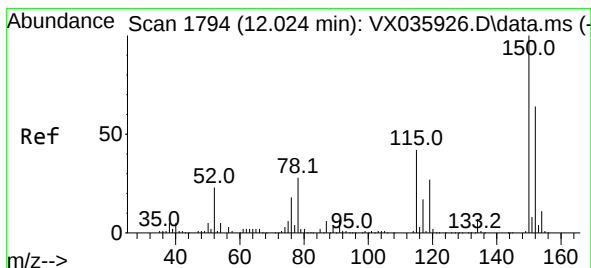
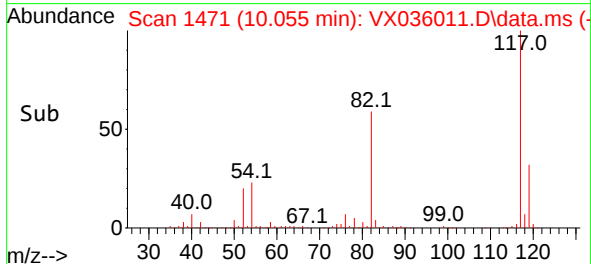
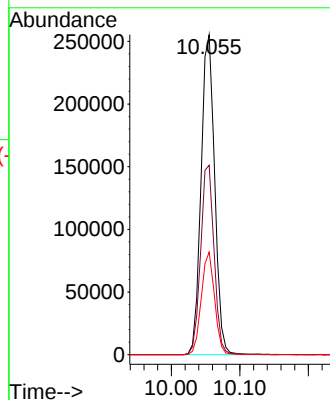
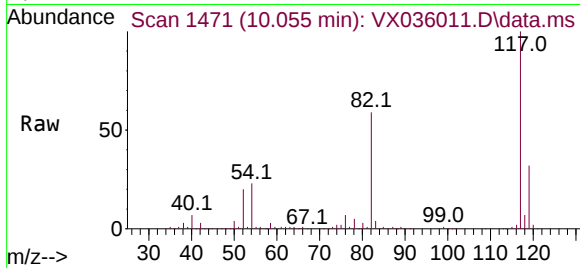




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX036011.D  
Acq: 05 Jun 2023 18:26

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-34

Tgt Ion:117 Resp: 353648  
Ion Ratio Lower Upper  
117 100  
82 59.2 46.6 69.8  
119 32.0 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: VX036011.D  
Acq: 05 Jun 2023 18:26

Tgt Ion:152 Resp: 161036  
Ion Ratio Lower Upper  
152 100  
115 64.8 45.5 136.5  
150 157.1 0.0 345.2

