

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032323\  
 Data File : VX034707.D  
 Acq On : 23 Mar 2023 18:35  
 Operator : JC/MD  
 Sample : 02055-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Mar 24 05:48:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 13 10:29:32 2023  
 Response via : Initial Calibration

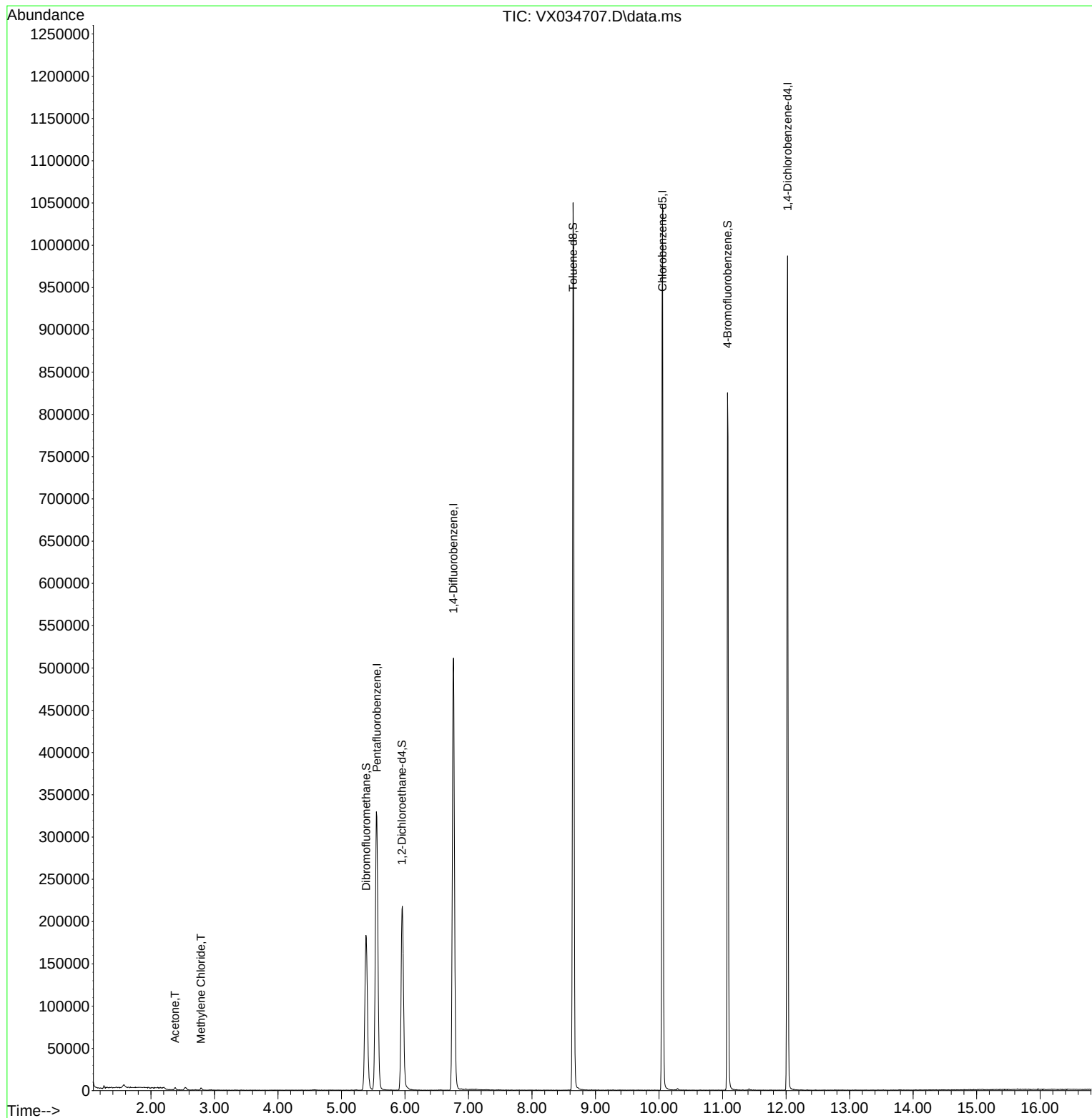
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 299863   | 50.000   | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 507798   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 445285   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 193648   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952     | 65    | 220292   | 50.498   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =     | 101.000% |
| 35) Dibromofluoromethane    | 5.385     | 113   | 160196   | 47.781   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =     | 95.560%  |
| 50) Toluene-d8              | 8.647     | 98    | 603043   | 48.182   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =     | 96.360%  |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 226876   | 44.877   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =     | 89.760%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.380     | 43    | 3431     | 1.670    | ug/l  | 94       |
| 20) Methylene Chloride      | 2.788     | 84    | 1335     | 0.335    | ug/l  | 86       |
| -----                       |           |       |          |          |       |          |

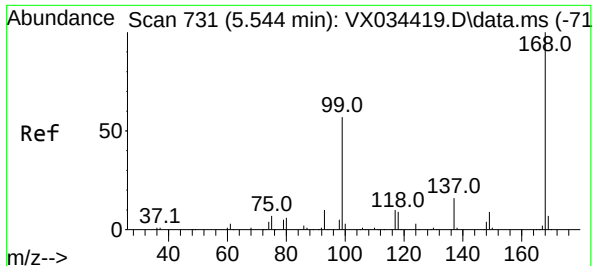
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
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Quant Time: Mar 24 05:48:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X031023W.M  
Quant Title : SW846 8260  
QLast Update : Mon Mar 13 10:29:32 2023  
Response via : Initial Calibration

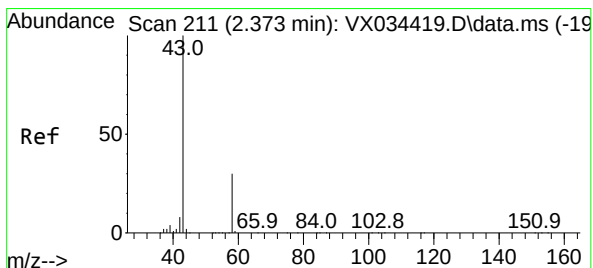
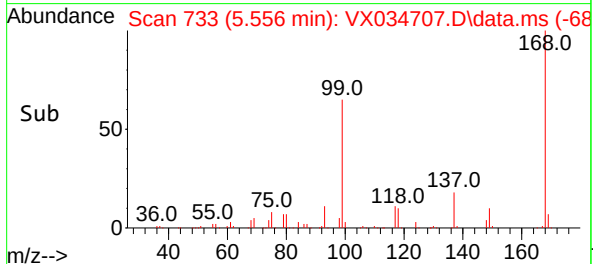
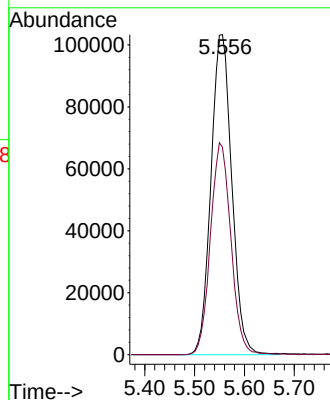
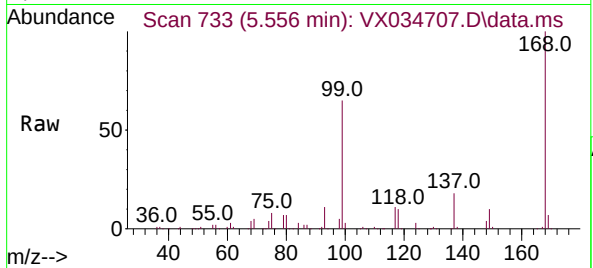




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.012 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

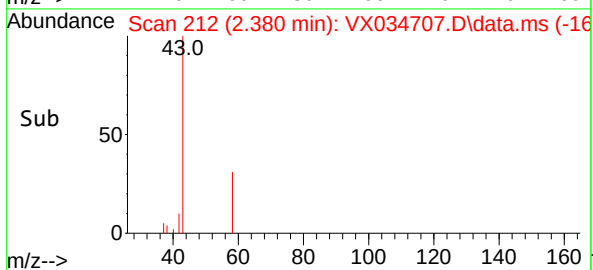
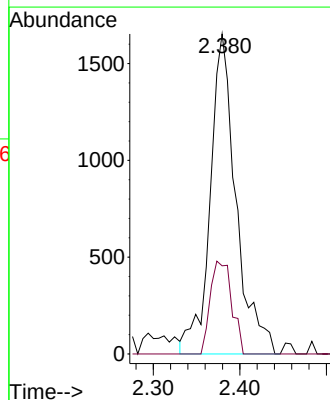
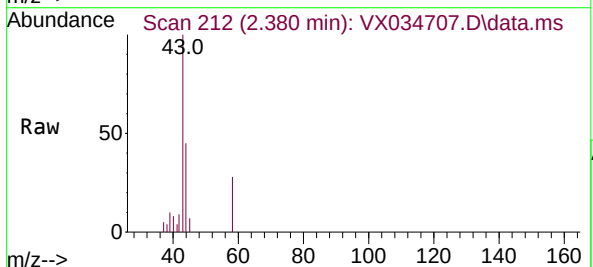
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

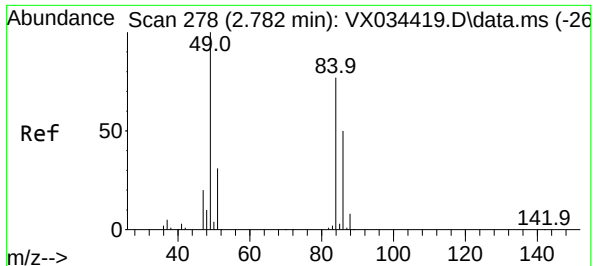
Tgt Ion:168 Resp: 299863  
Ion Ratio Lower Upper  
168 100  
99 64.9 45.7 68.5



#16  
Acetone  
Concen: 1.670 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Tgt Ion: 43 Resp: 3431  
Ion Ratio Lower Upper  
43 100  
58 27.5 24.7 37.1



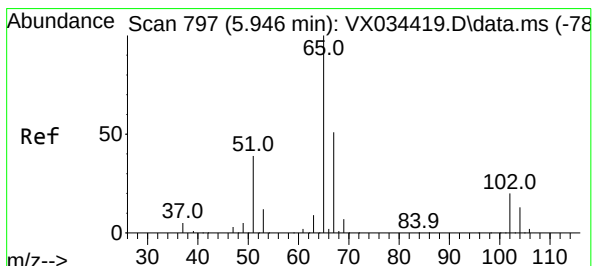
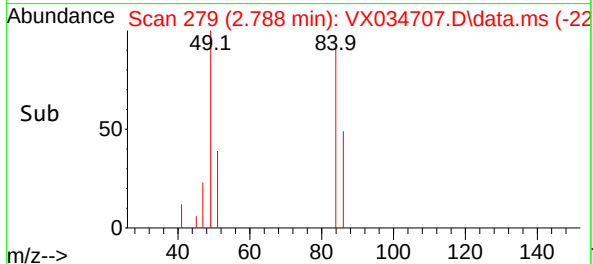
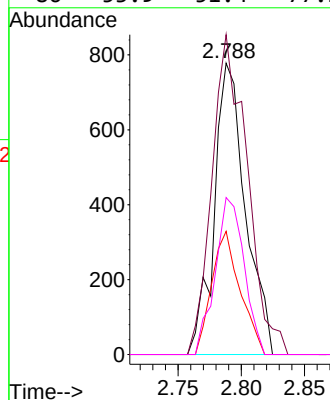
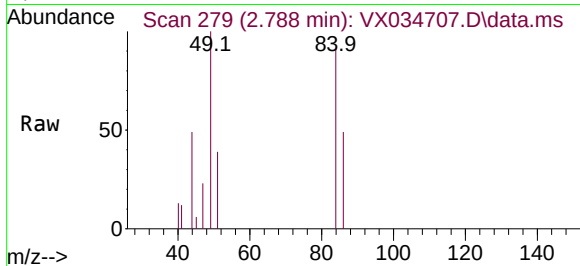


#20  
Methylene Chloride  
Concen: 0.335 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Tgt Ion: 84 Resp: 1335

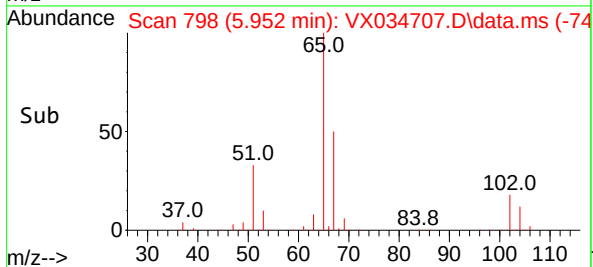
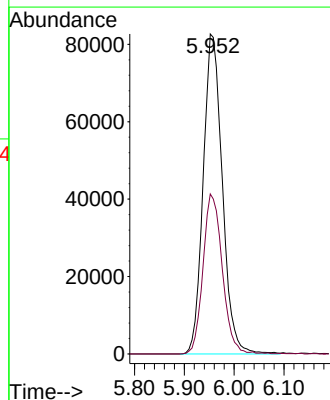
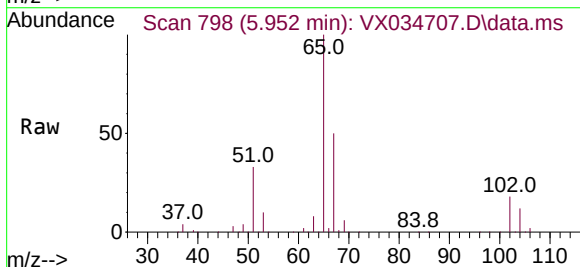
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 109.8 | 103.8 | 155.8 |
| 51  | 42.3  | 31.8  | 47.8  |
| 86  | 53.9  | 51.4  | 77.2  |

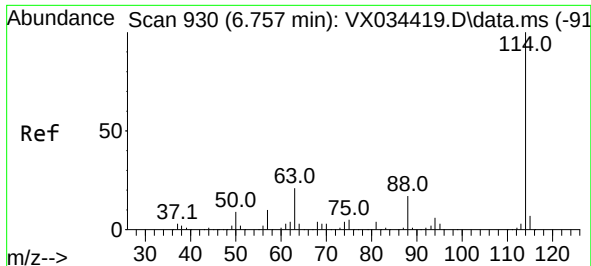


#33  
1,2-Dichloroethane-d4  
Concen: 50.498 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Tgt Ion: 65 Resp: 220292

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 50.4  | 0.0   | 104.0 |

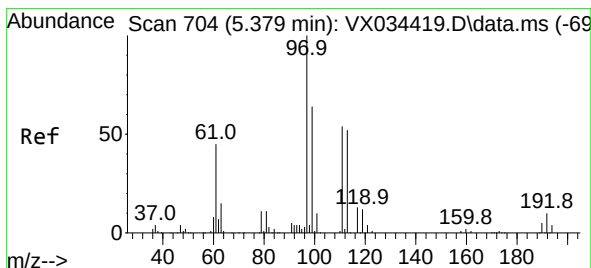
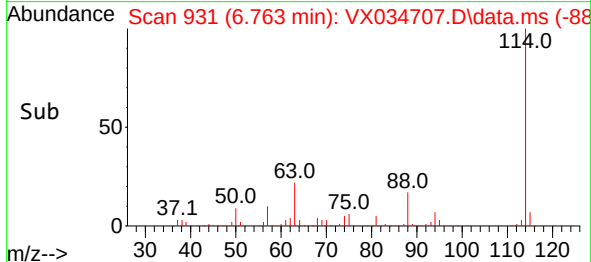
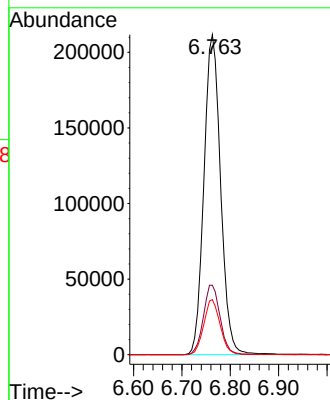
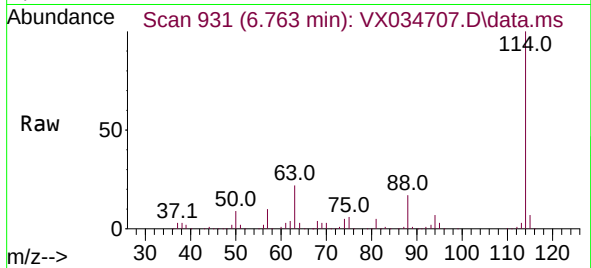




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

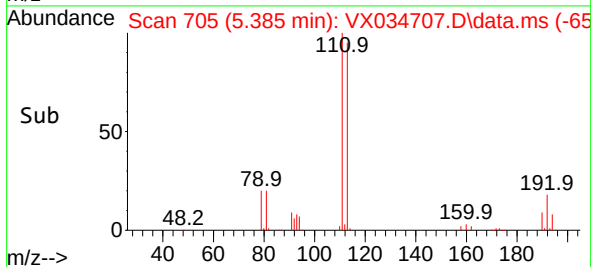
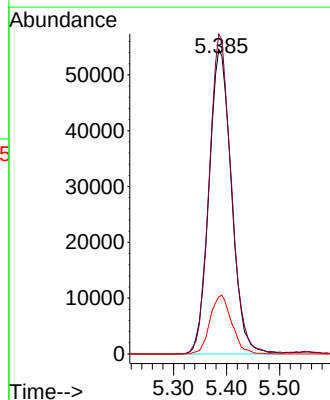
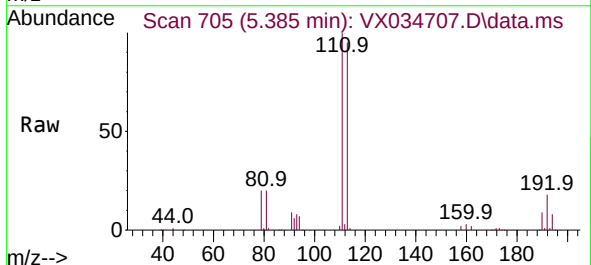
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

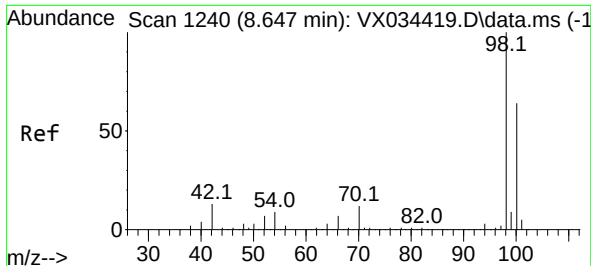
Tgt Ion:114 Resp: 507798  
Ion Ratio Lower Upper  
114 100  
63 21.7 0.0 42.2  
88 17.2 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 47.781 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.006 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Tgt Ion:113 Resp: 160196  
Ion Ratio Lower Upper  
113 100  
111 103.6 83.7 125.5  
192 18.7 15.4 23.2

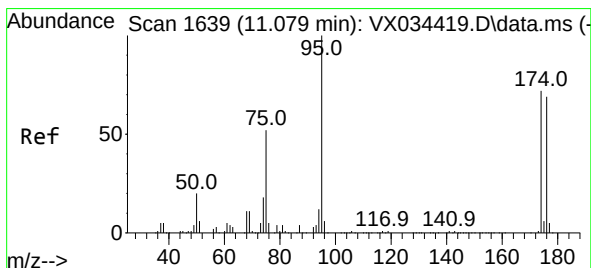
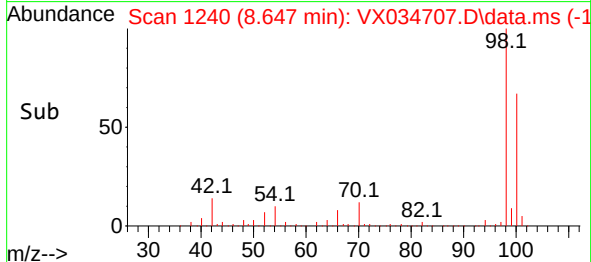
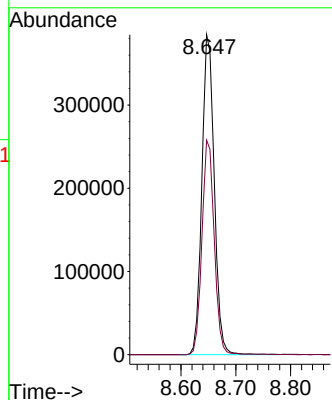
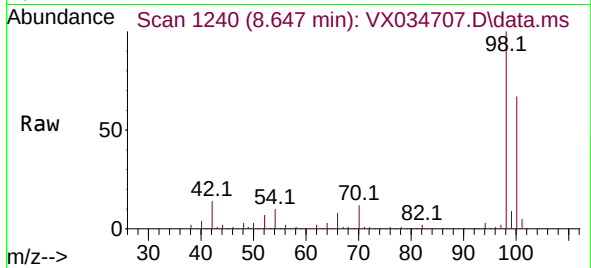




#50  
Toluene-d8  
Concen: 48.182 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

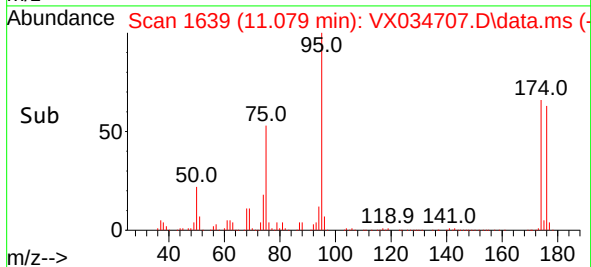
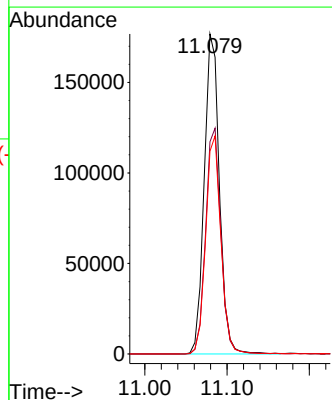
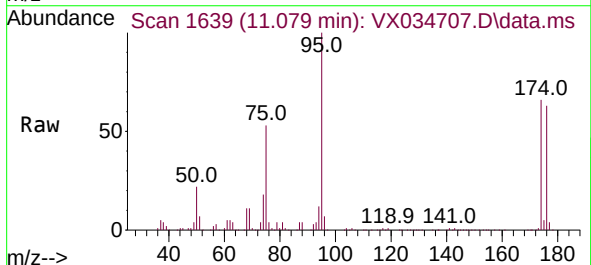
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

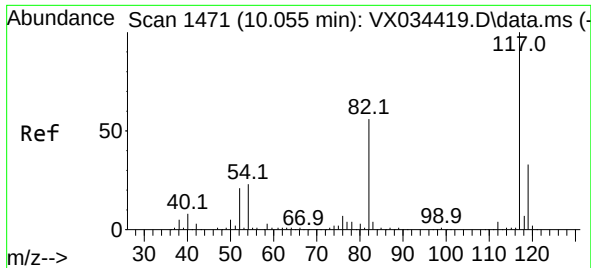
Tgt Ion: 98 Resp: 603043  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 44.877 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Tgt Ion: 95 Resp: 226876  
Ion Ratio Lower Upper  
95 100  
174 70.9 0.0 147.4  
176 68.4 0.0 140.6

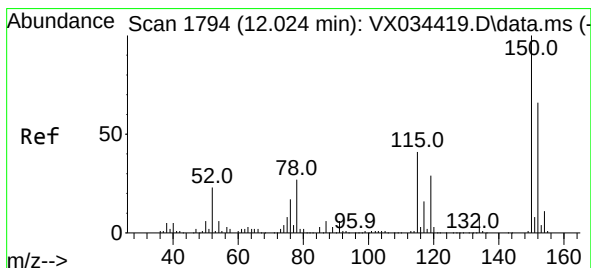
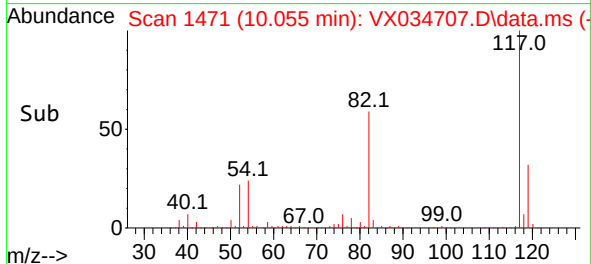
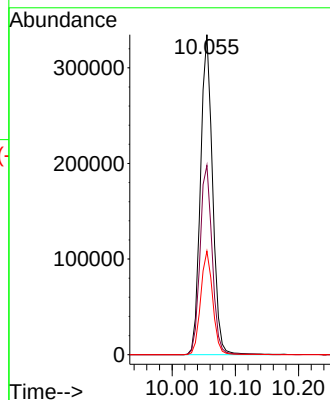
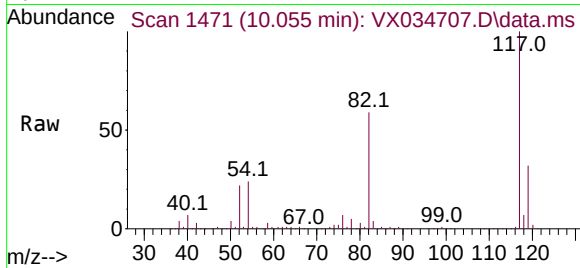




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Tgt Ion:117 Resp: 445285  
Ion Ratio Lower Upper  
117 100  
82 59.1 45.0 67.4  
119 32.4 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX034707.D  
Acq: 23 Mar 2023 18:35

Tgt Ion:152 Resp: 193648  
Ion Ratio Lower Upper  
152 100  
115 63.6 45.0 135.0  
150 158.2 0.0 352.4

