

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
 Data File : VX043596.D  
 Acq On : 29 Oct 2024 14:52  
 Operator : JC/MD  
 Sample : P4548-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4

Quant Time: Oct 30 01:32:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Oct 28 13:41:34 2024  
 Response via : Initial Calibration

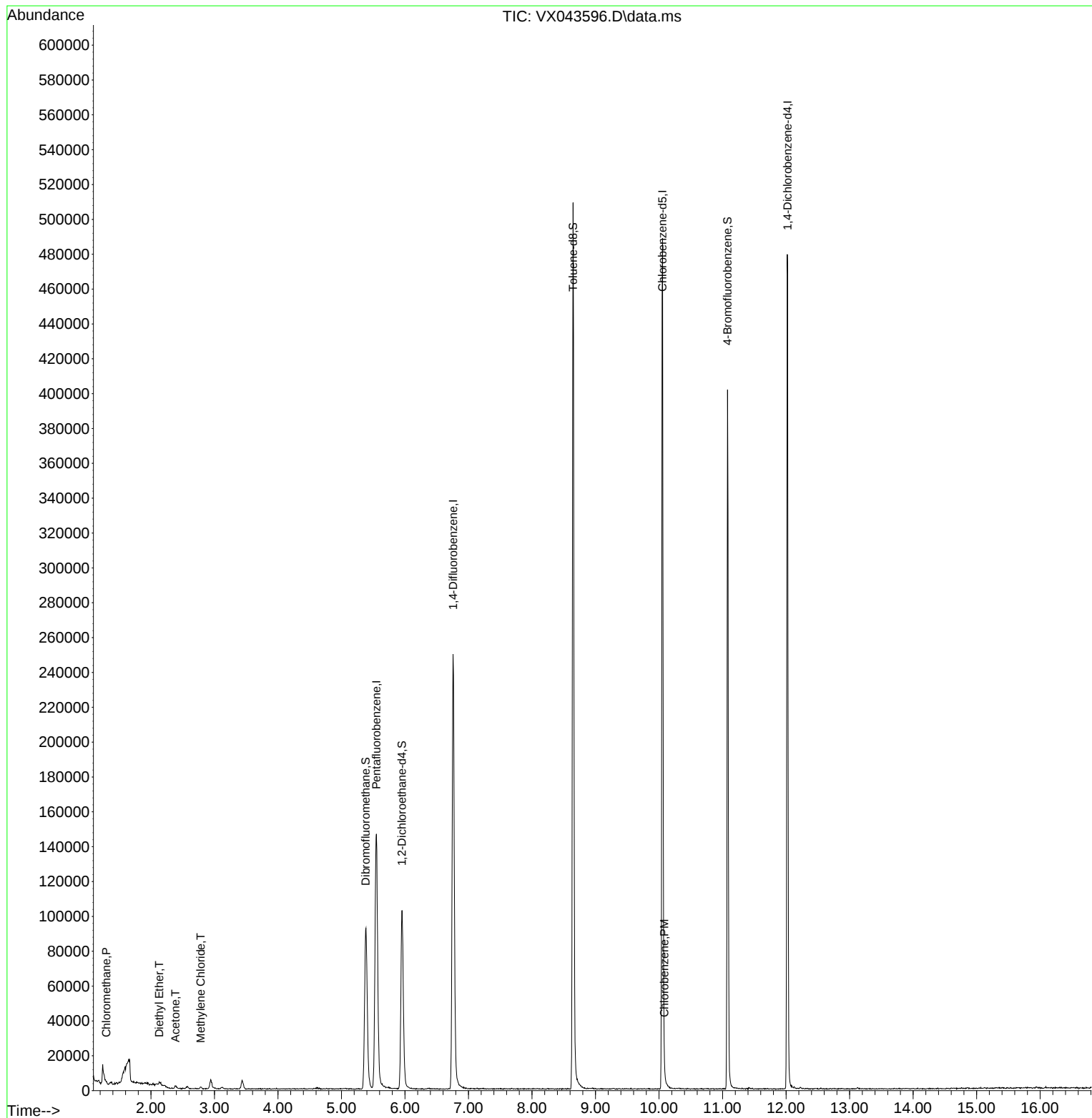
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 145951   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 270530   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 234106   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 105382   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 100847   | 43.334   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 86.660%  |
| 35) Dibromofluoromethane    | 5.379  | 113   | 84453    | 46.037   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.080%  |
| 50) Toluene-d8              | 8.647  | 98    | 314788   | 49.571   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 99.140%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 111439   | 47.359   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =      | 94.720%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 1.294  | 50    | 609      | 0.305    | ug/l # | 81       |
| 8) Diethyl Ether            | 2.130  | 74    | 425      | 0.407    | ug/l   | 53       |
| 16) Acetone                 | 2.386  | 43    | 1855     | 2.007    | ug/l   | 91       |
| 20) Methylene Chloride      | 2.782  | 84    | 611      | 0.307    | ug/l # | 60       |
| 65) Chlorobenzene           | 10.086 | 112   | 1419     | 0.282    | ug/l   | 93       |
| -----                       |        |       |          |          |        |          |

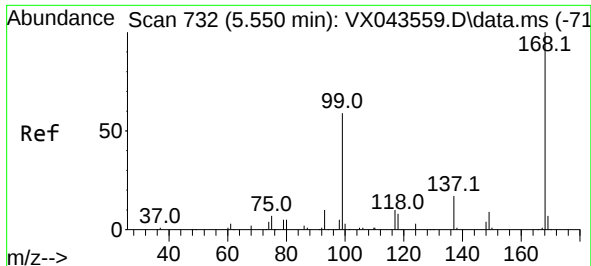
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102924\  
Data File : VX043596.D  
Acq On : 29 Oct 2024 14:52  
Operator : JC/MD  
Sample : P4548-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

Quant Time: Oct 30 01:32:45 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102824W.M  
Quant Title : SW846 8260  
QLast Update : Mon Oct 28 13:41:34 2024  
Response via : Initial Calibration

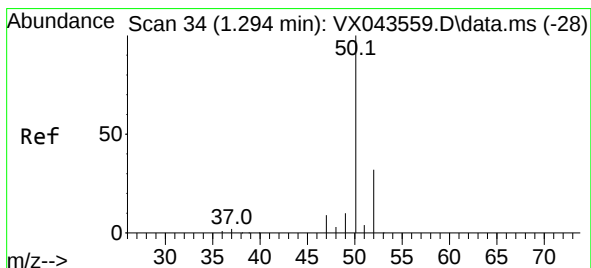
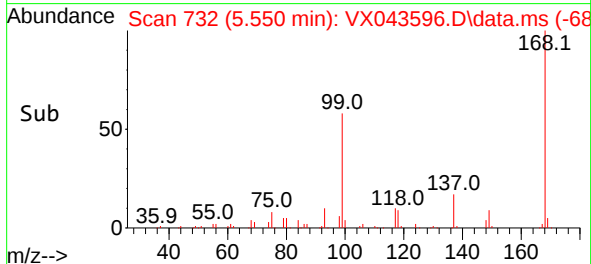
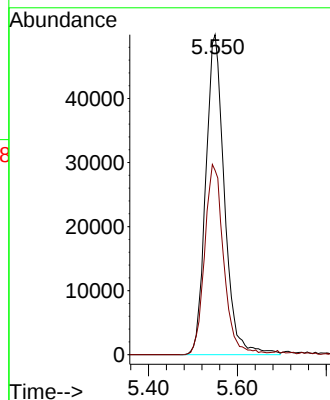
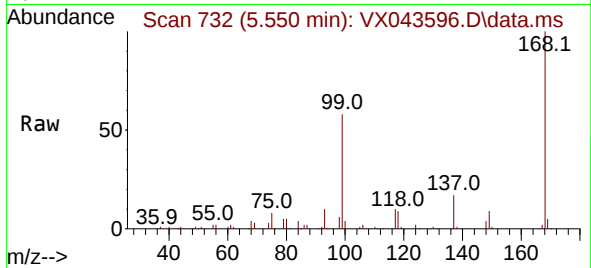




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

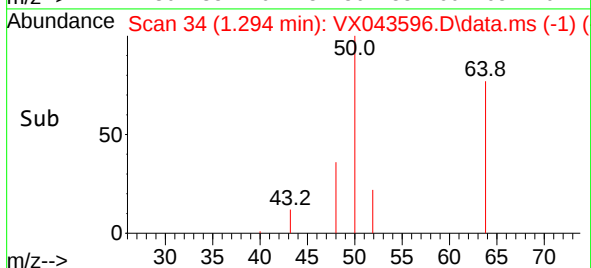
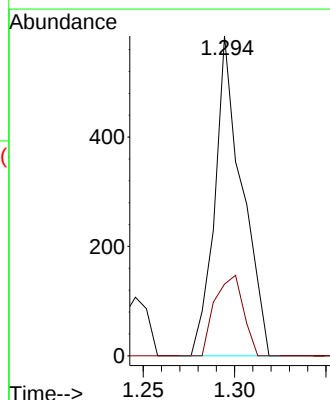
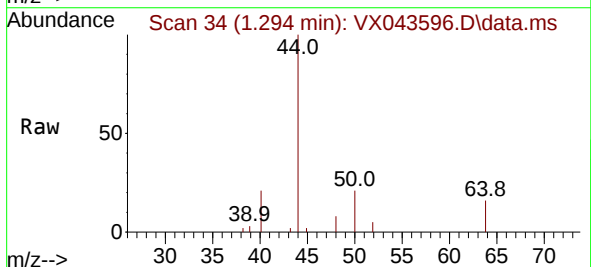
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

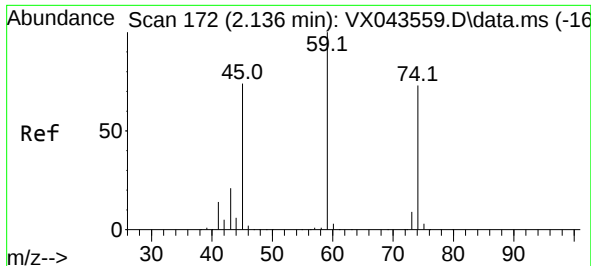
Tgt Ion:168 Resp: 145951  
Ion Ratio Lower Upper  
168 100  
99 57.6 52.6 78.8



#3  
Chloromethane  
Concen: 0.305 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

Tgt Ion: 50 Resp: 609  
Ion Ratio Lower Upper  
50 100  
52 22.4 26.3 39.5#

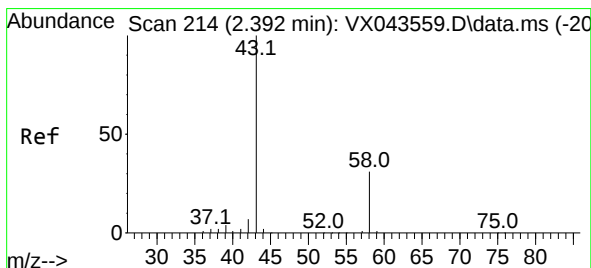
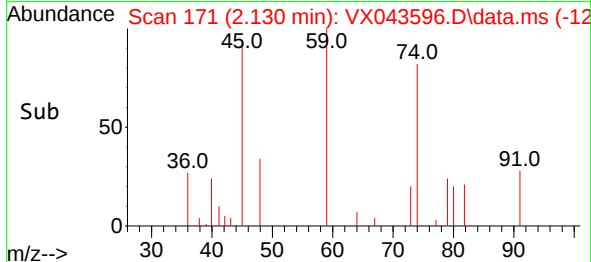
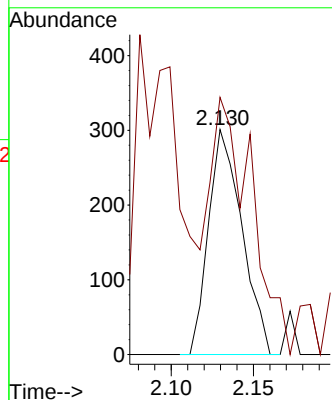
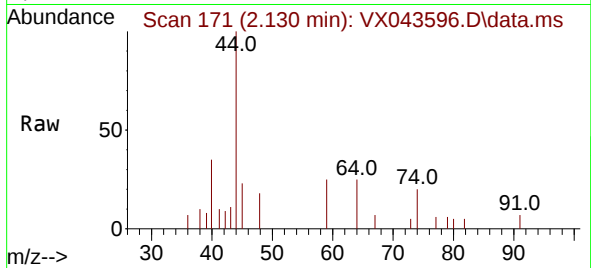




#8  
Diethyl Ether  
Concen: 0.407 ug/l  
RT: 2.130 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

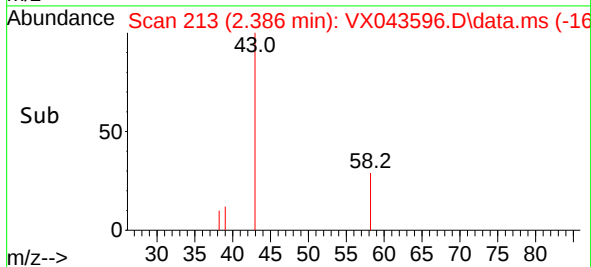
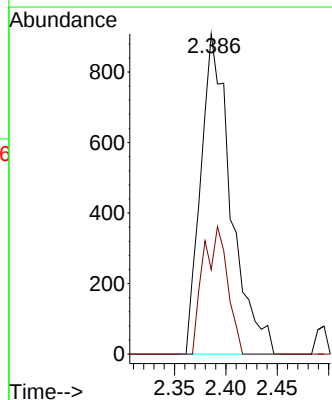
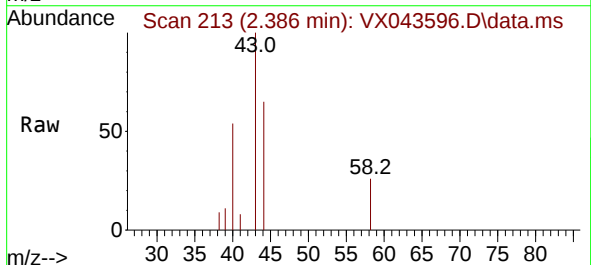
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

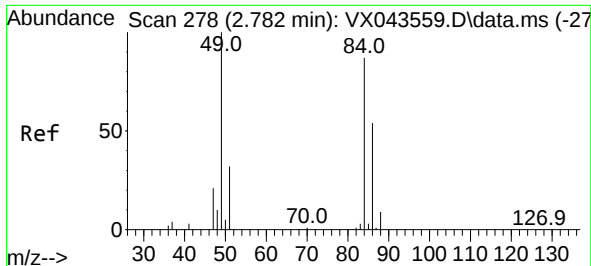
Tgt Ion: 74 Resp: 425  
Ion Ratio Lower Upper  
74 100  
45 140.9 47.5 142.5



#16  
Acetone  
Concen: 2.007 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.012 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

Tgt Ion: 43 Resp: 1855  
Ion Ratio Lower Upper  
43 100  
58 26.4 25.1 37.7

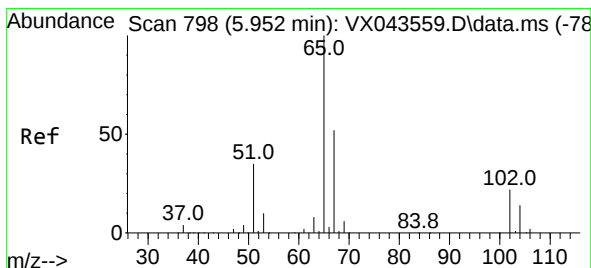
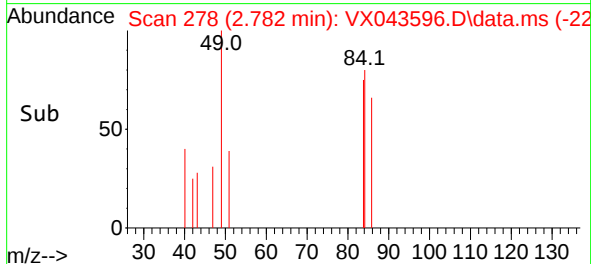
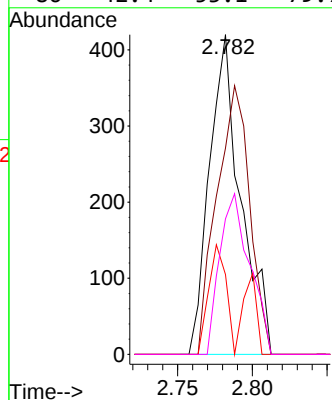
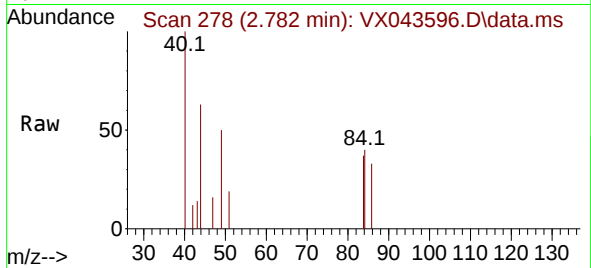




#20  
Methylene Chloride  
Concen: 0.307 ug/l  
RT: 2.782 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

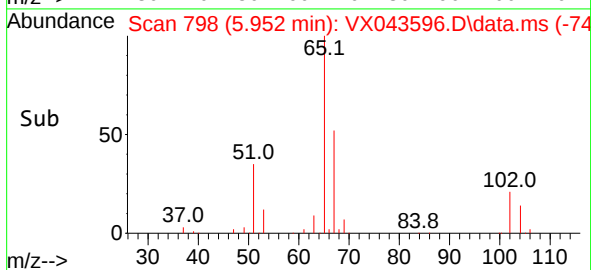
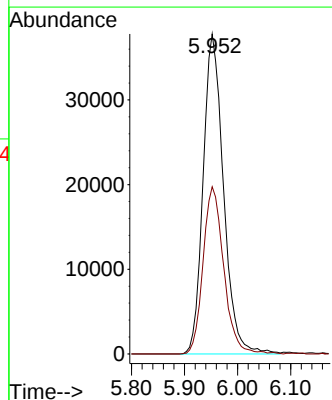
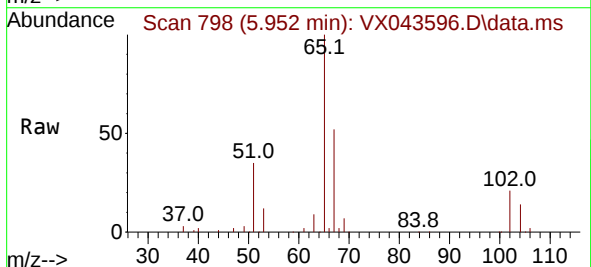
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

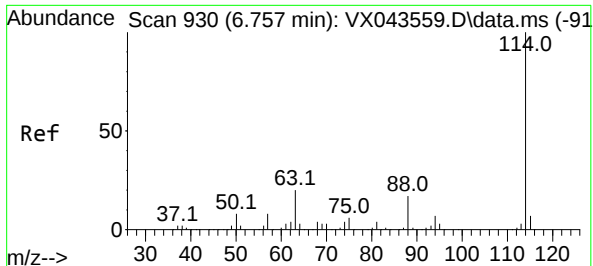
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 611    |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 64.5  | 97.0  | 145.6# |
| 51       | 25.0  | 29.8  | 44.8#  |
| 86       | 42.4  | 53.1  | 79.7#  |



#33  
1,2-Dichloroethane-d4  
Concen: 43.334 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 100847 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 53.1  | 0.0   | 103.4  |

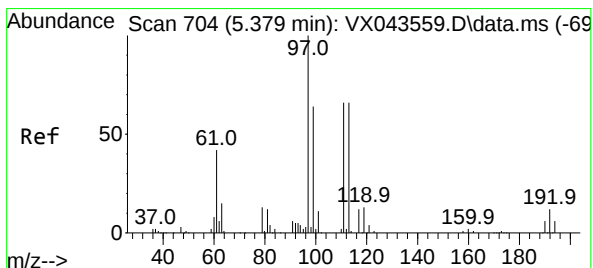
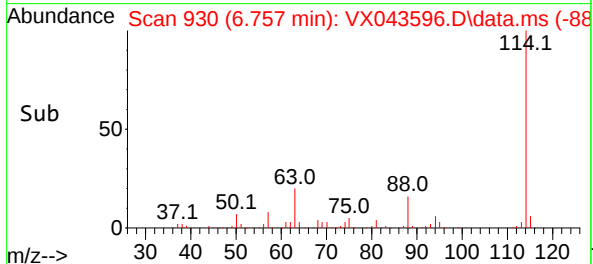
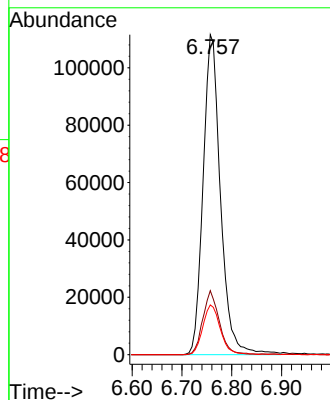
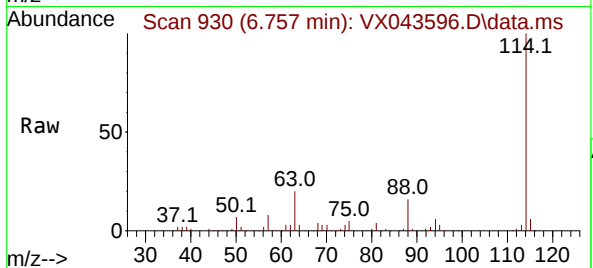




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 911  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

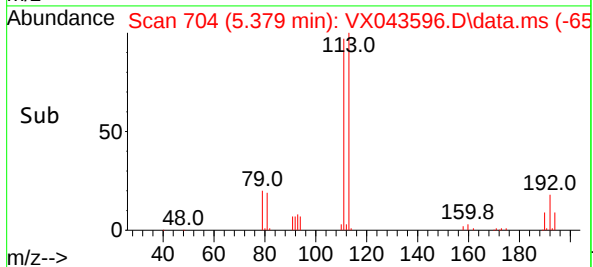
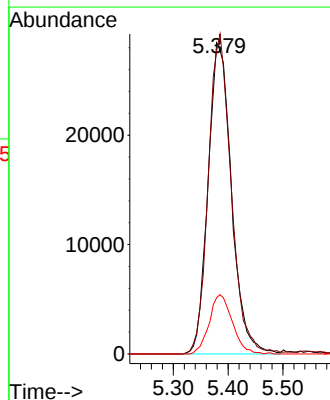
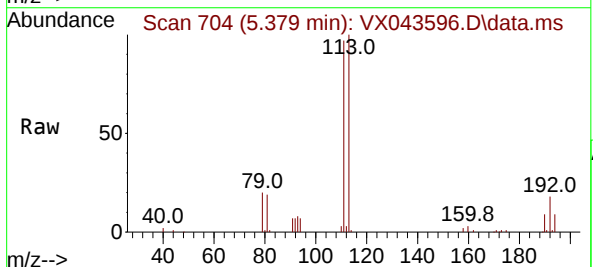
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

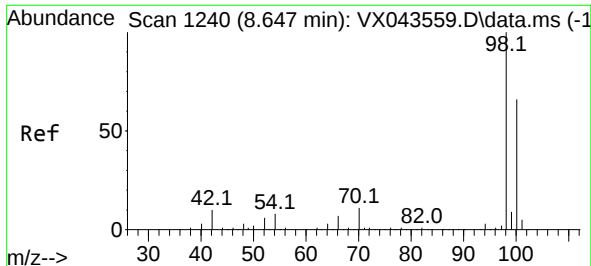
Tgt Ion:114 Resp: 270530  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 41.2  
88 15.6 0.0 34.0



#35  
Dibromofluoromethane  
Concen: 46.037 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

Tgt Ion:113 Resp: 84453  
Ion Ratio Lower Upper  
113 100  
111 100.5 81.4 122.0  
192 18.8 14.1 21.1

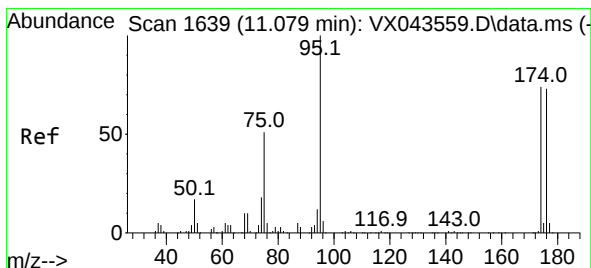
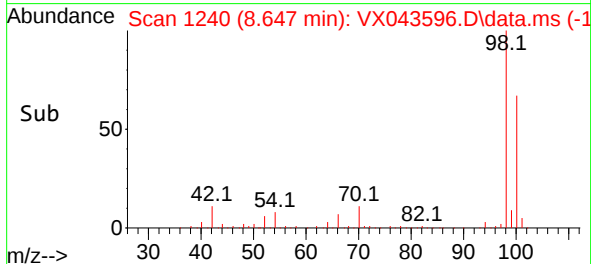
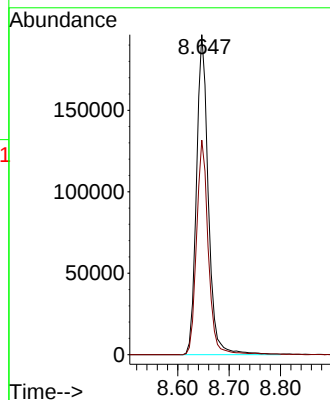
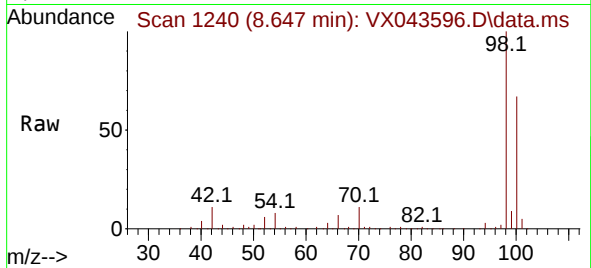




#50  
Toluene-d8  
Concen: 49.571 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

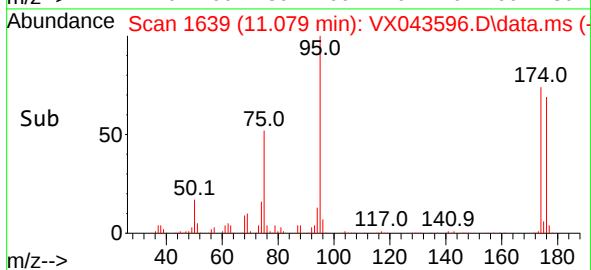
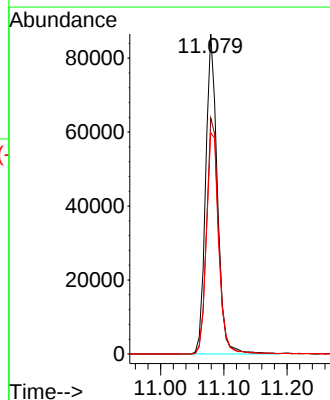
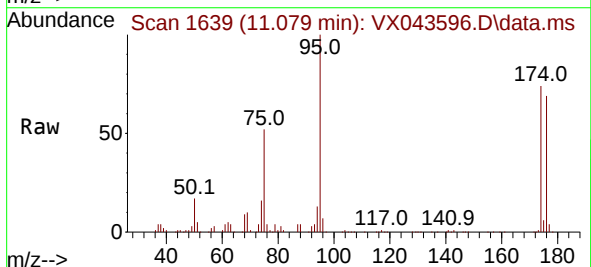
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

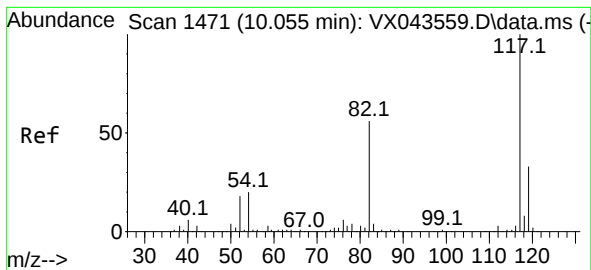
Tgt Ion: 98 Resp: 314788  
Ion Ratio Lower Upper  
98 100  
100 66.1 53.4 80.2



#62  
4-Bromofluorobenzene  
Concen: 47.359 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

Tgt Ion: 95 Resp: 111439  
Ion Ratio Lower Upper  
95 100  
174 76.0 0.0 146.6  
176 72.6 0.0 139.6

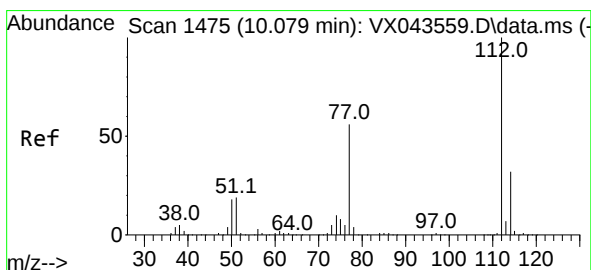
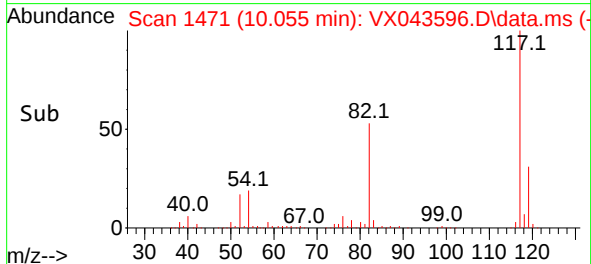
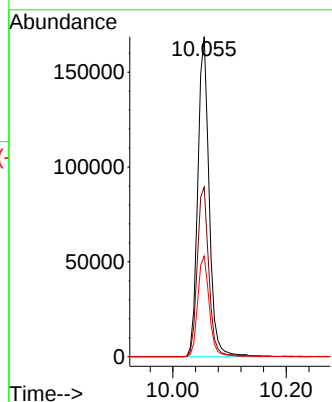
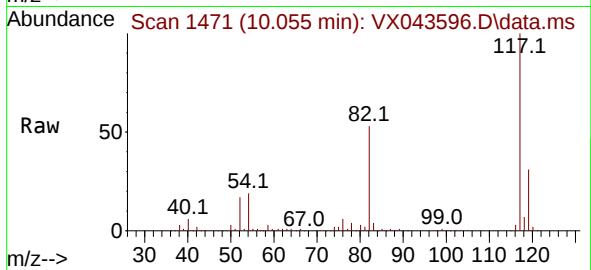




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

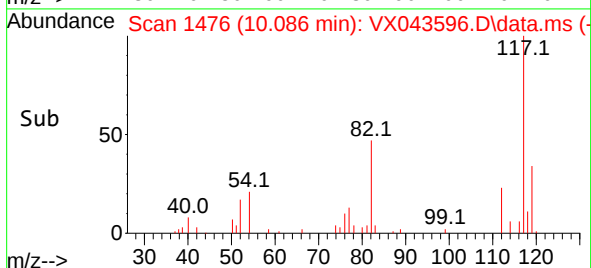
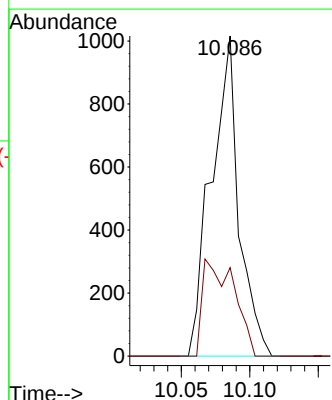
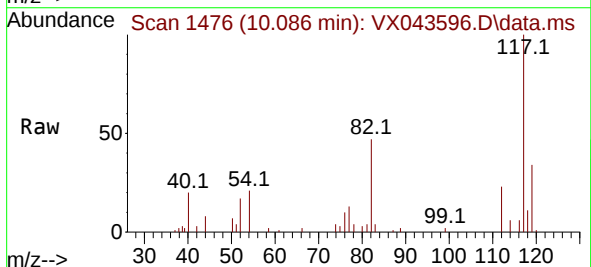
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-4

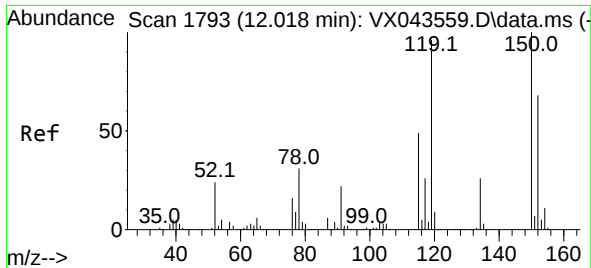
Tgt Ion:117 Resp: 234106  
Ion Ratio Lower Upper  
117 100  
82 53.0 42.1 63.1  
119 31.5 25.4 38.2



#65  
Chlorobenzene  
Concen: 0.282 ug/l  
RT: 10.086 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX043596.D  
Acq: 29 Oct 2024 14:52

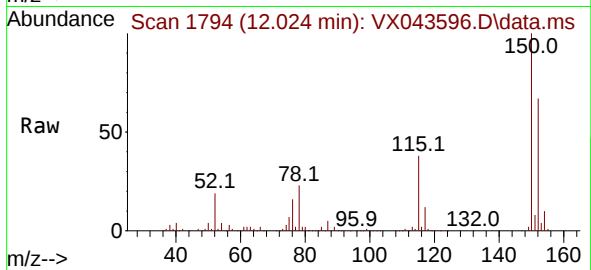
Tgt Ion:112 Resp: 1419  
Ion Ratio Lower Upper  
112 100  
114 27.7 25.0 37.6





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX043596.D  
 Acq: 29 Oct 2024 14:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-4



Tgt Ion:152 Resp: 105382  
 Ion Ratio Lower Upper  
 152 100  
 115 60.3 42.9 128.7  
 150 155.2 0.0 343.6

