

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100324\  
 Data File : VX043246.D  
 Acq On : 03 Oct 2024 09:00  
 Operator : JC/MD  
 Sample : VX1003WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1003WBL01

Quant Time: Oct 04 01:24:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 87367    | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 169225   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.049 | 117   | 150252   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 65184    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 74923    | 52.510   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 105.020% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 55843    | 47.850   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 95.700%  |
| 50) Toluene-d8              | 8.647  | 98    | 203106   | 50.220   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 100.440% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 72998    | 49.683   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 99.360%  |

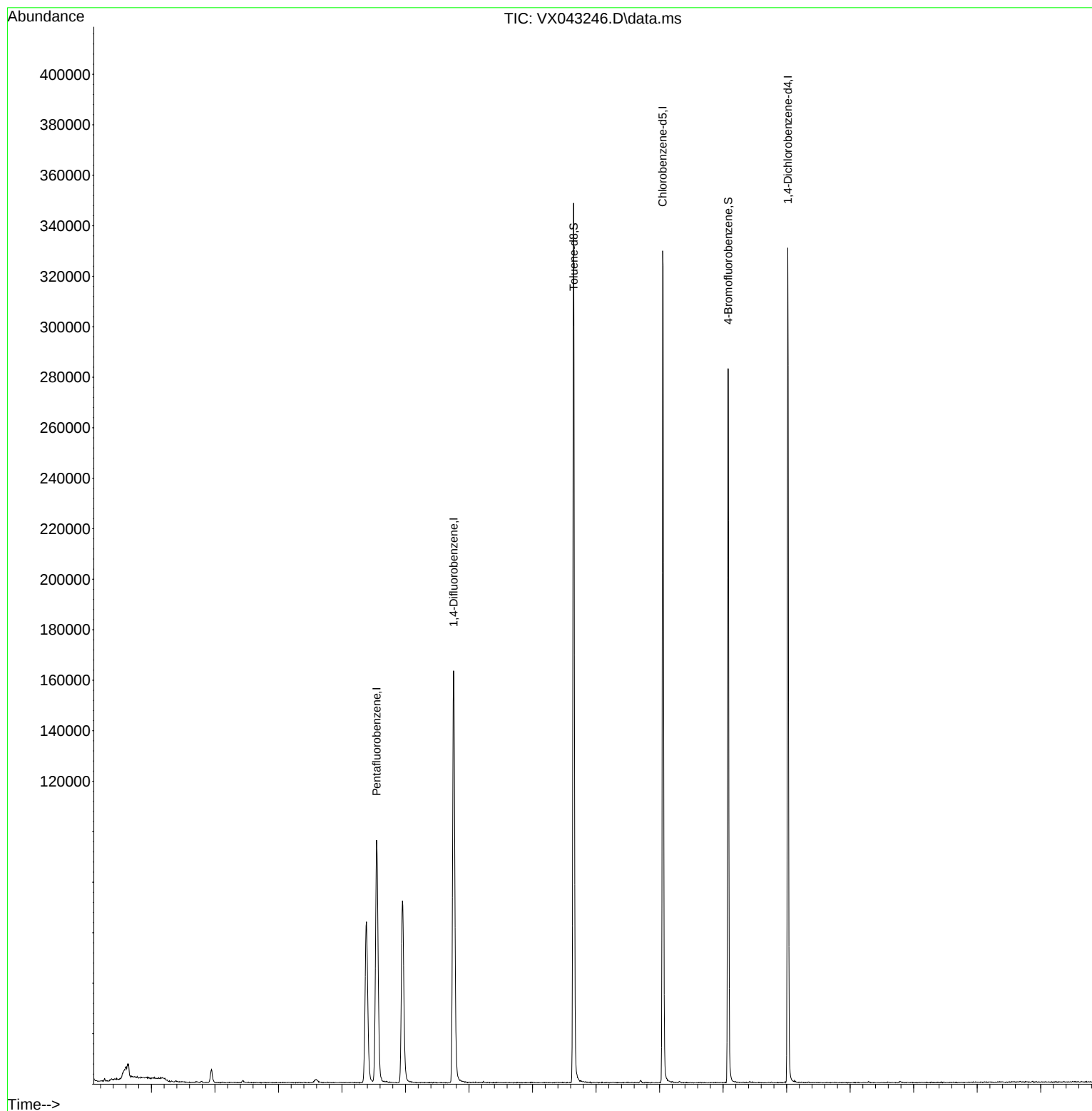
Target Compounds Qvalue

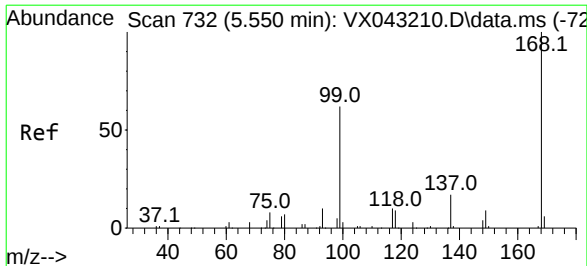
-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100324\  
Data File : VX043246.D  
Acq On : 03 Oct 2024 09:00  
Operator : JC/MD  
Sample : VX1003WBL01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1003WBL01

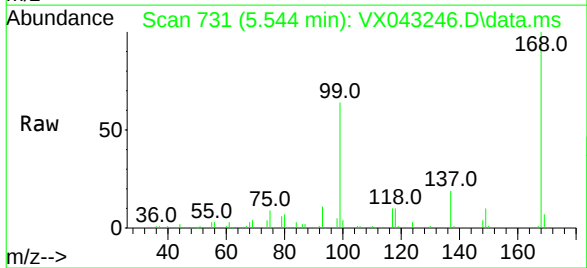
Quant Time: Oct 04 01:24:55 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration



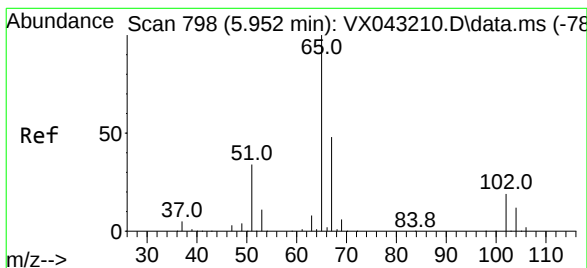
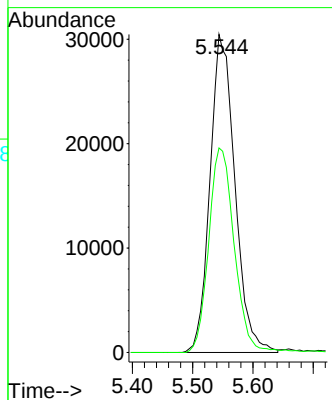
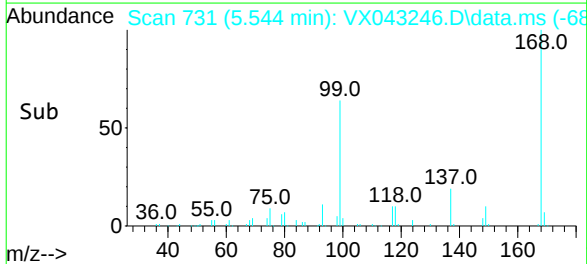


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.006 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1003WBL01

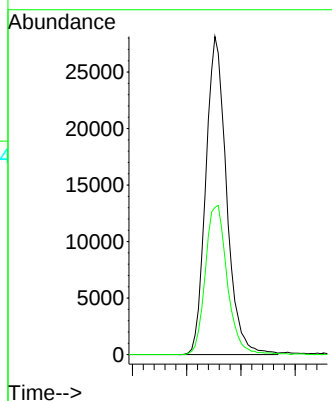
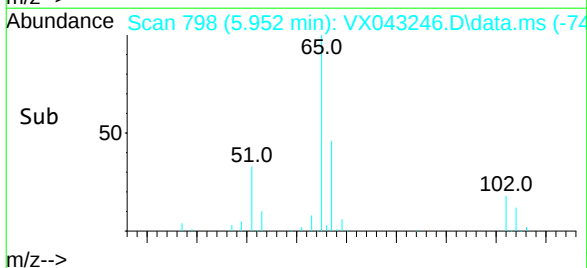
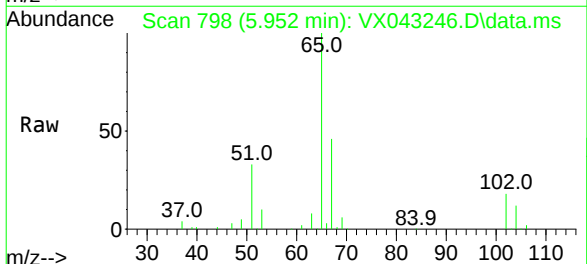


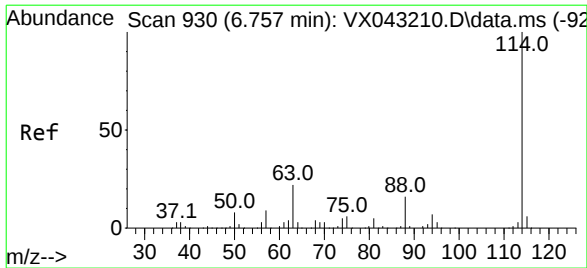
Tgt Ion:168 Resp: 87367  
Ion Ratio Lower Upper  
168 100  
99 64.3 49.7 74.5



#33  
1,2-Dichloroethane-d4  
Concen: 52.510 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

Tgt Ion: 65 Resp: 74923  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 99.0

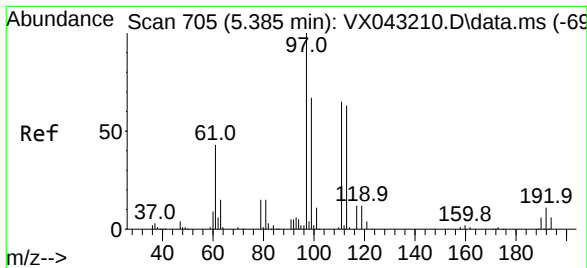
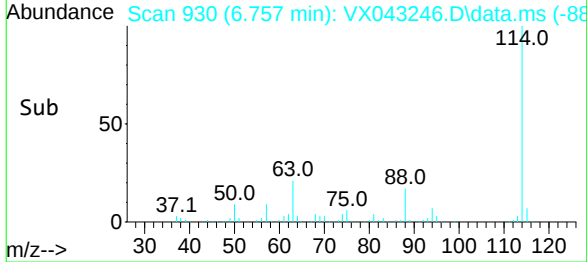
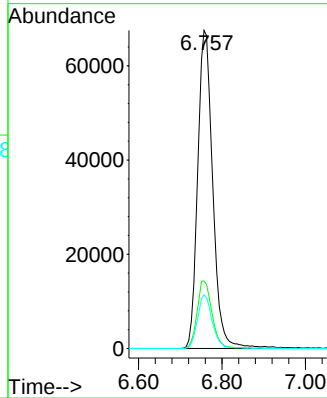
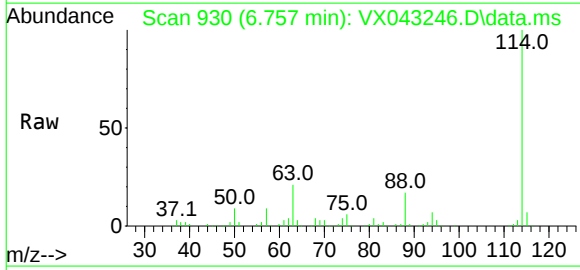




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

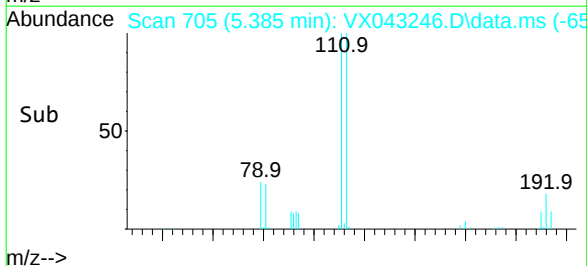
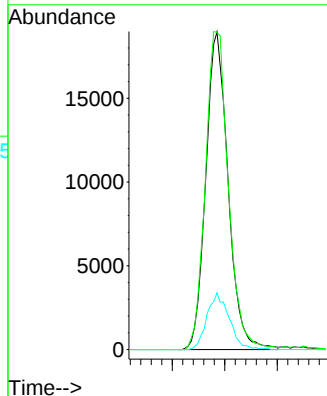
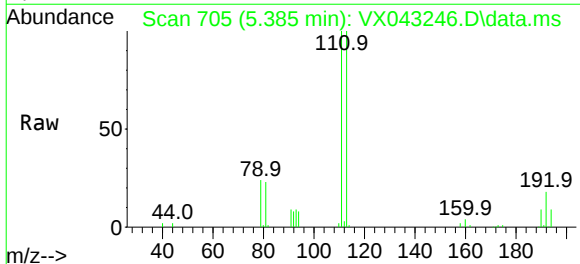
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1003WBL01

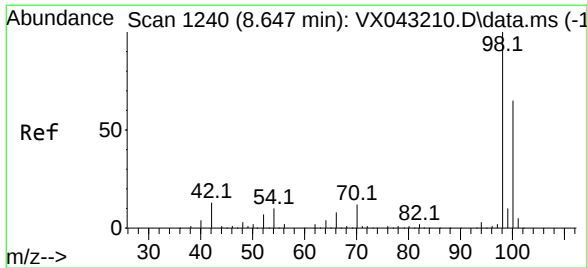
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 114   | Resp: | 169225 |
| Ion      | Ratio | Lower | Upper  |
| 114      | 100   |       |        |
| 63       | 21.2  | 0.0   | 43.0   |
| 88       | 16.9  | 0.0   | 33.0   |



#35  
Dibromofluoromethane  
Concen: 47.850 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 55843 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 103.4 | 83.4  | 125.0 |
| 192      | 17.8  | 14.1  | 21.1  |

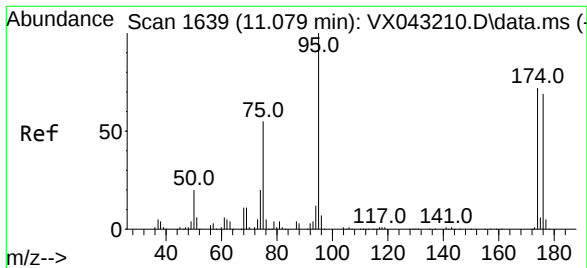
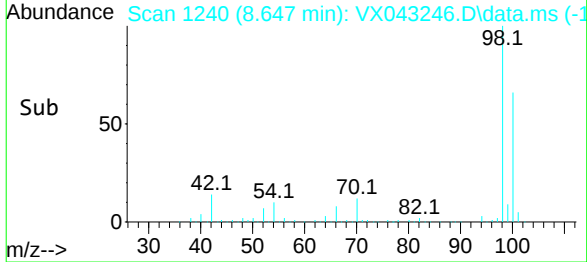
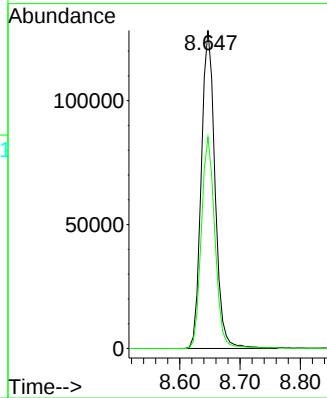
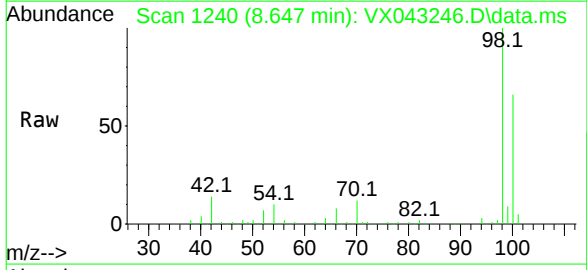




#50  
Toluene-d8  
Concen: 50.220 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

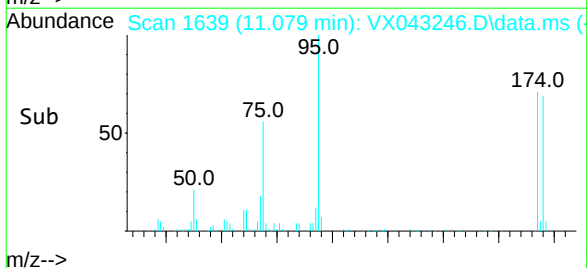
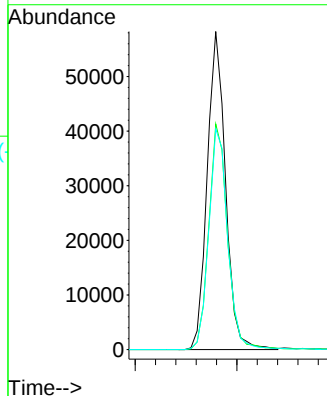
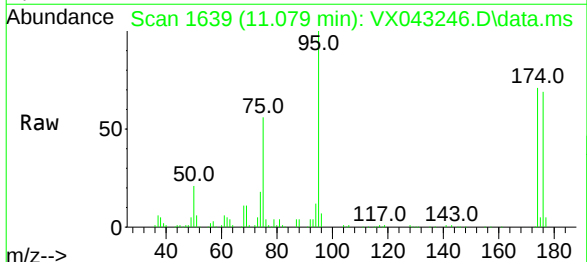
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1003WBL01

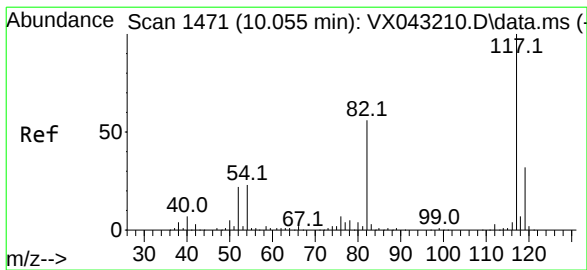
Tgt Ion: 98 Resp: 203106  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 49.683 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

Tgt Ion: 95 Resp: 72998  
Ion Ratio Lower Upper  
95 100  
174 72.2 0.0 145.0  
176 71.5 0.0 143.0

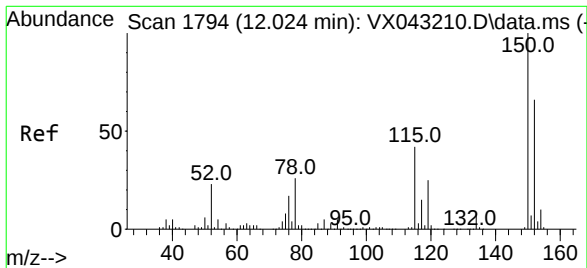
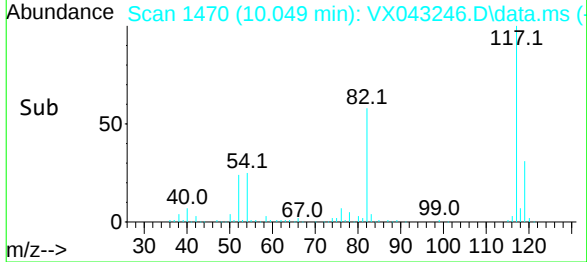
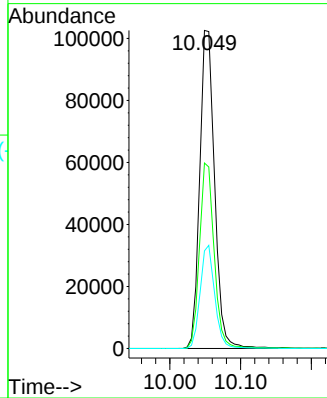
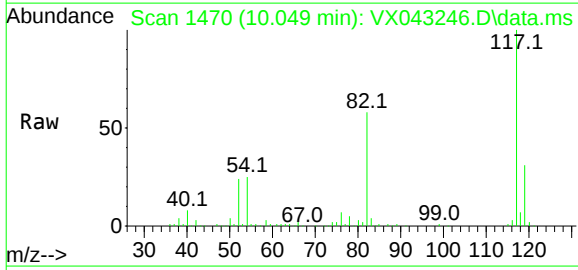




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1003WBL01

Tgt Ion:117 Resp: 150252  
Ion Ratio Lower Upper  
117 100  
82 58.3 45.0 67.6  
119 30.7 25.3 37.9



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX043246.D  
Acq: 03 Oct 2024 09:00

Tgt Ion:152 Resp: 65184  
Ion Ratio Lower Upper  
152 100  
115 62.1 44.1 132.3  
150 156.5 0.0 347.4

