

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021425\  
 Data File : VX044966.D  
 Acq On : 14 Feb 2025 17:01  
 Operator : JC/MD  
 Sample : Q1363-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-021125

Quant Time: Feb 14 22:17:16 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Feb 11 03:41:08 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 81534    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 167151   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 161346   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 74015    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 69169    | 57.954   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 115.900% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 57847    | 53.229   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 106.460% |
| 50) Toluene-d8              | 8.647  | 98    | 212595   | 51.733   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 103.460% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 77009    | 55.586   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 111.180% |

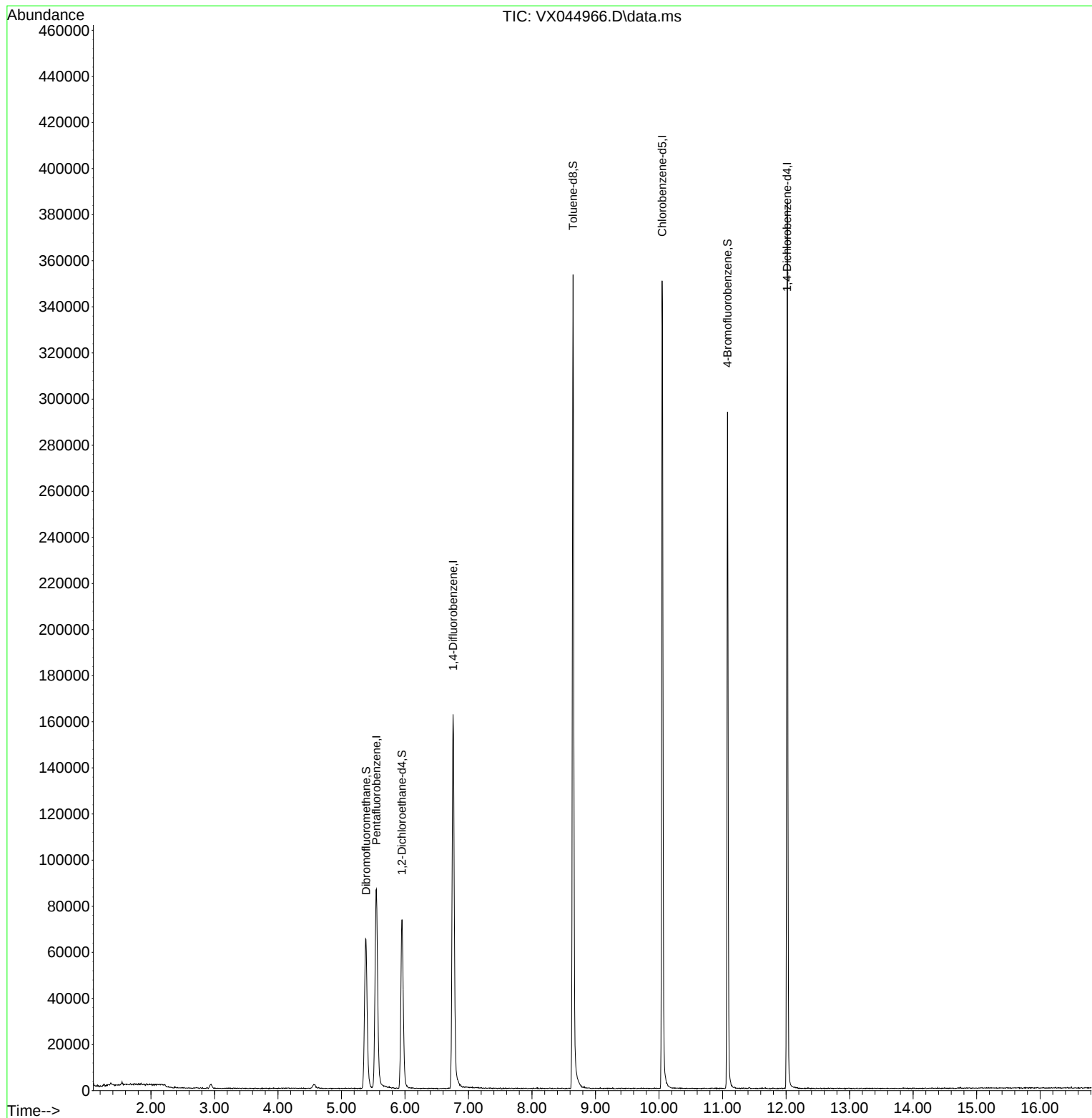
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

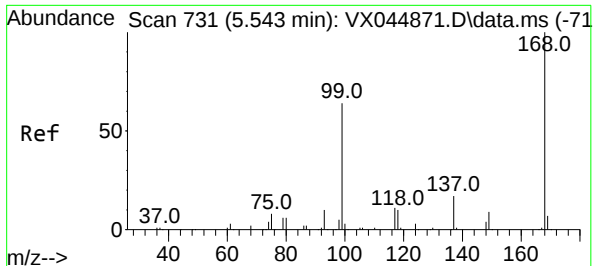
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021425\  
Data File : VX044966.D  
Acq On : 14 Feb 2025 17:01  
Operator : JC/MD  
Sample : Q1363-03  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-021125

Quant Time: Feb 14 22:17:16 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Tue Feb 11 03:41:08 2025  
Response via : Initial Calibration

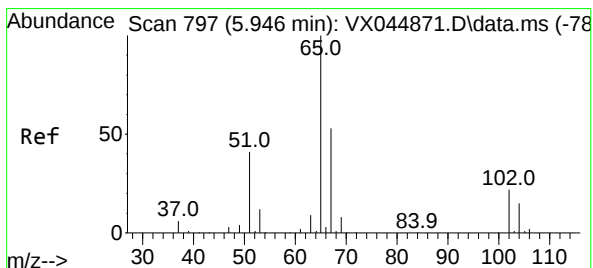
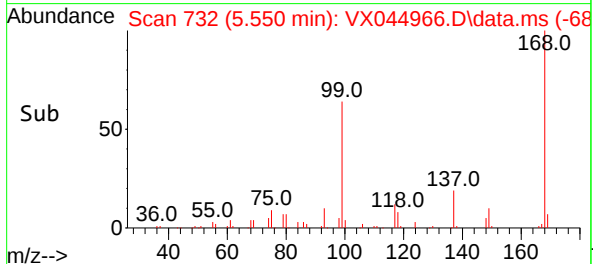
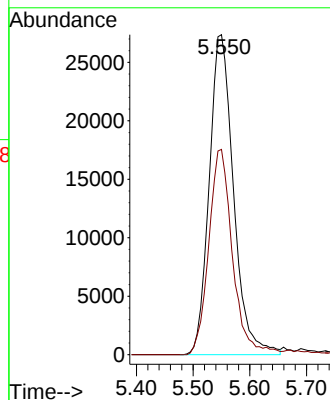
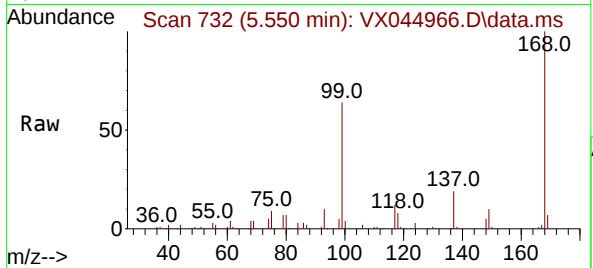




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

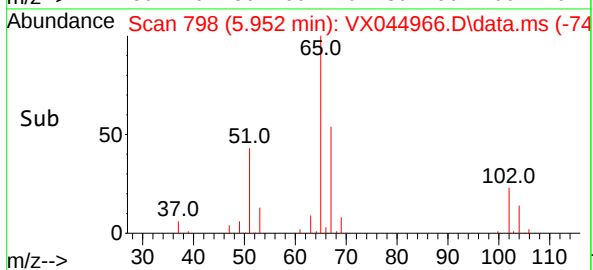
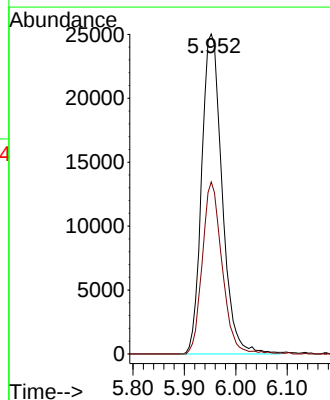
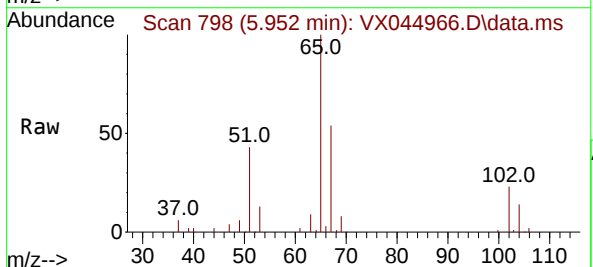
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-021125

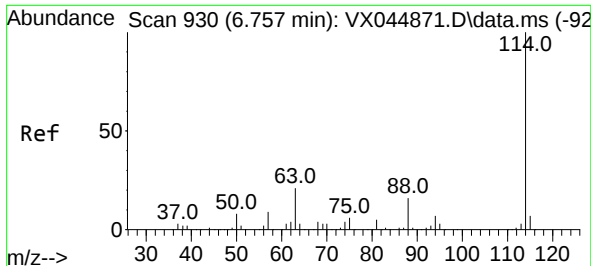
Tgt Ion:168 Resp: 81534  
Ion Ratio Lower Upper  
168 100  
99 64.1 51.2 76.8



#33  
1,2-Dichloroethane-d4  
Concen: 57.954 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. 0.006 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

Tgt Ion: 65 Resp: 69169  
Ion Ratio Lower Upper  
65 100  
67 52.0 0.0 108.2

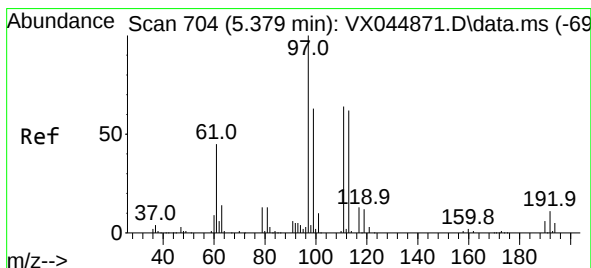
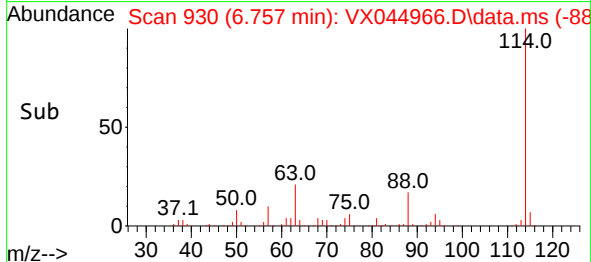
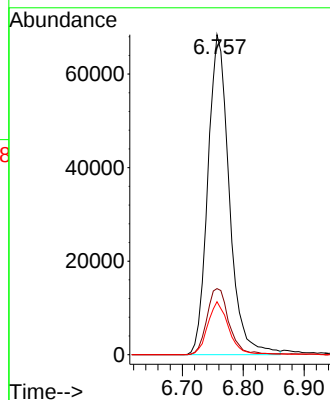
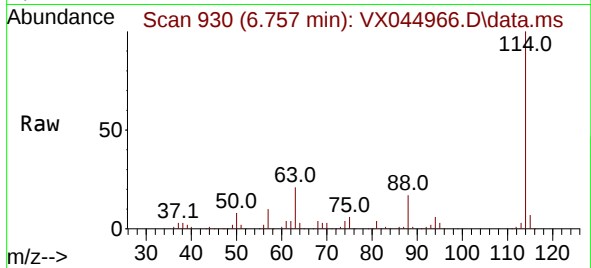




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 91  
 Delta R.T. 0.000 min  
 Lab File: VX044966.D  
 Acq: 14 Feb 2025 17:01

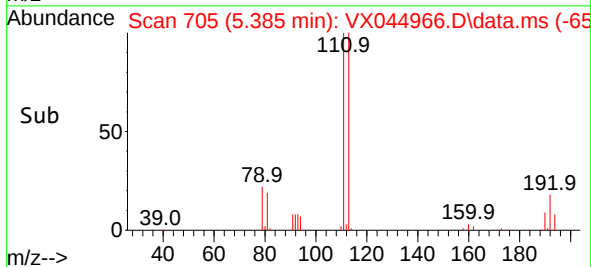
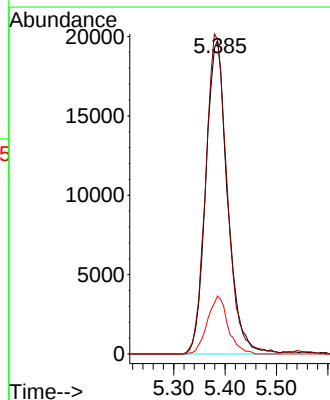
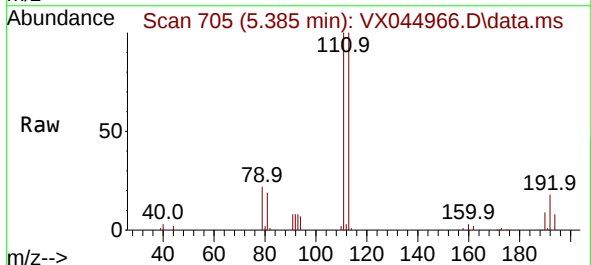
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB-01-021125

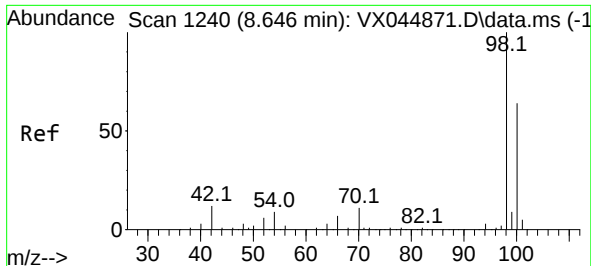
Tgt Ion:114 Resp: 167151  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 42.4  
 88 16.5 0.0 31.4



#35  
 Dibromofluoromethane  
 Concen: 53.229 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. 0.006 min  
 Lab File: VX044966.D  
 Acq: 14 Feb 2025 17:01

Tgt Ion:113 Resp: 57847  
 Ion Ratio Lower Upper  
 113 100  
 111 101.9 83.5 125.3  
 192 17.5 14.4 21.6

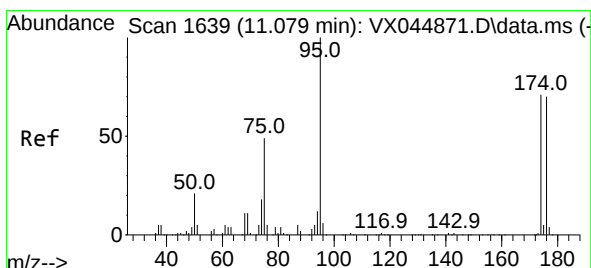
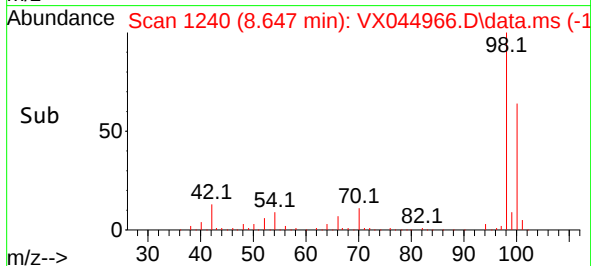
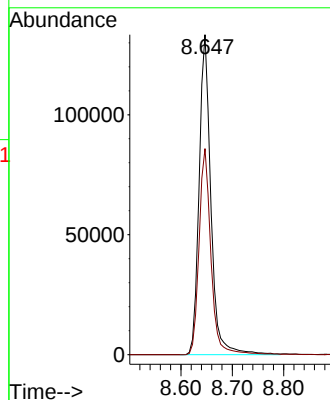
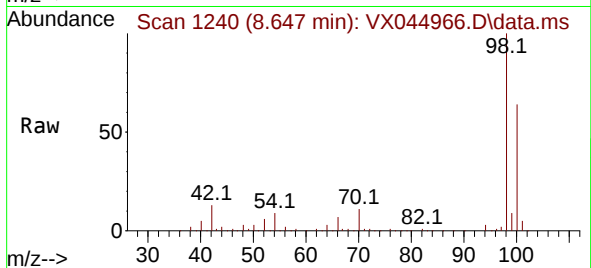




#50  
Toluene-d8  
Concen: 51.733 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

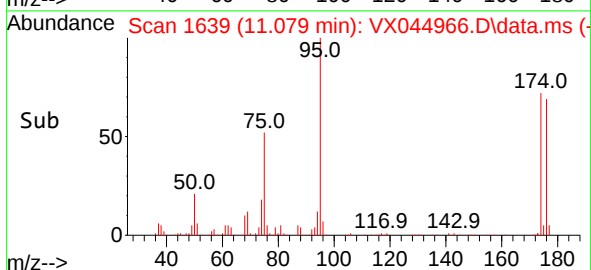
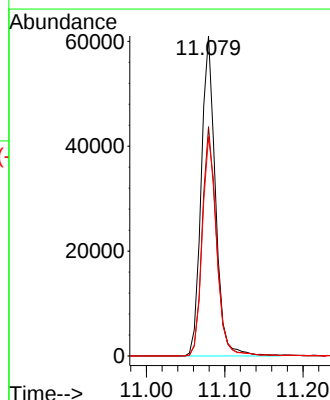
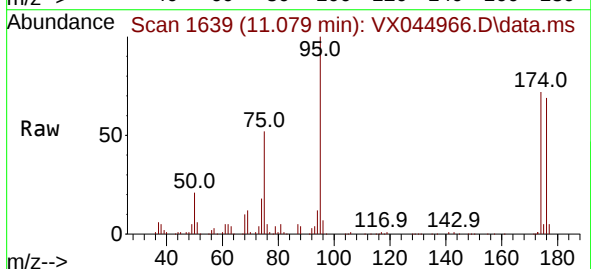
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-021125

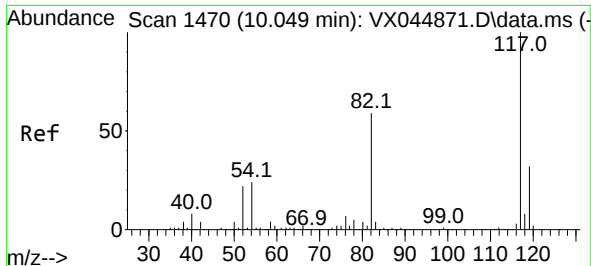
Tgt Ion: 98 Resp: 212595  
Ion Ratio Lower Upper  
98 100  
100 65.3 52.7 79.1



#62  
4-Bromofluorobenzene  
Concen: 55.586 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

Tgt Ion: 95 Resp: 77009  
Ion Ratio Lower Upper  
95 100  
174 71.2 0.0 142.6  
176 69.7 0.0 141.6

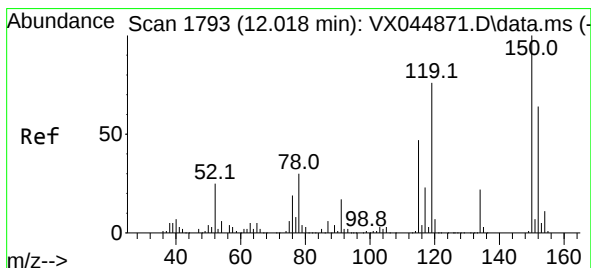
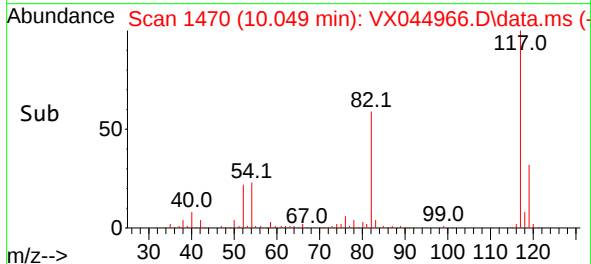
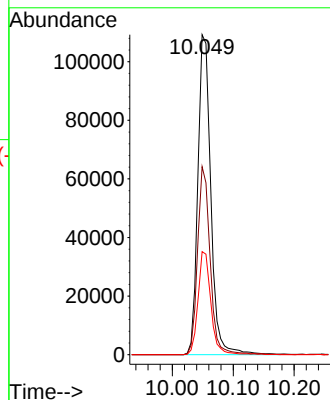
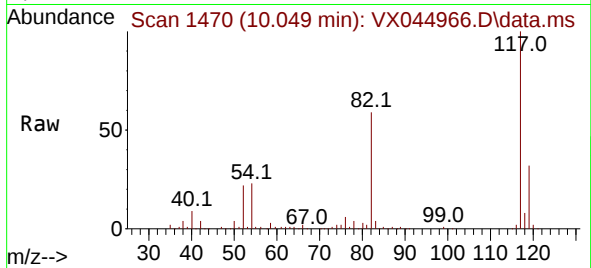




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB-01-021125

Tgt Ion:117 Resp: 161346  
Ion Ratio Lower Upper  
117 100  
82 58.7 47.5 71.3  
119 32.2 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX044966.D  
Acq: 14 Feb 2025 17:01

Tgt Ion:152 Resp: 74015  
Ion Ratio Lower Upper  
152 100  
115 62.2 43.4 130.1  
150 156.5 0.0 350.4

