

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051625\  
 Data File : VX046246.D  
 Acq On : 16 May 2025 16:29  
 Operator : JC/MD  
 Sample : Q2072-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB

Quant Time: May 16 23:08:00 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 06 07:12:22 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.550  | 168  | 63781    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 127117   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.049 | 117  | 117342   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 48600    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 66029    | 55.529   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =    | 111.060% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 48386    | 52.859   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 105.720% |
| 50) Toluene-d8              | 8.647  | 98    | 158633   | 50.070   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =    | 100.140% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 58688    | 48.291   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =    | 96.580%  |

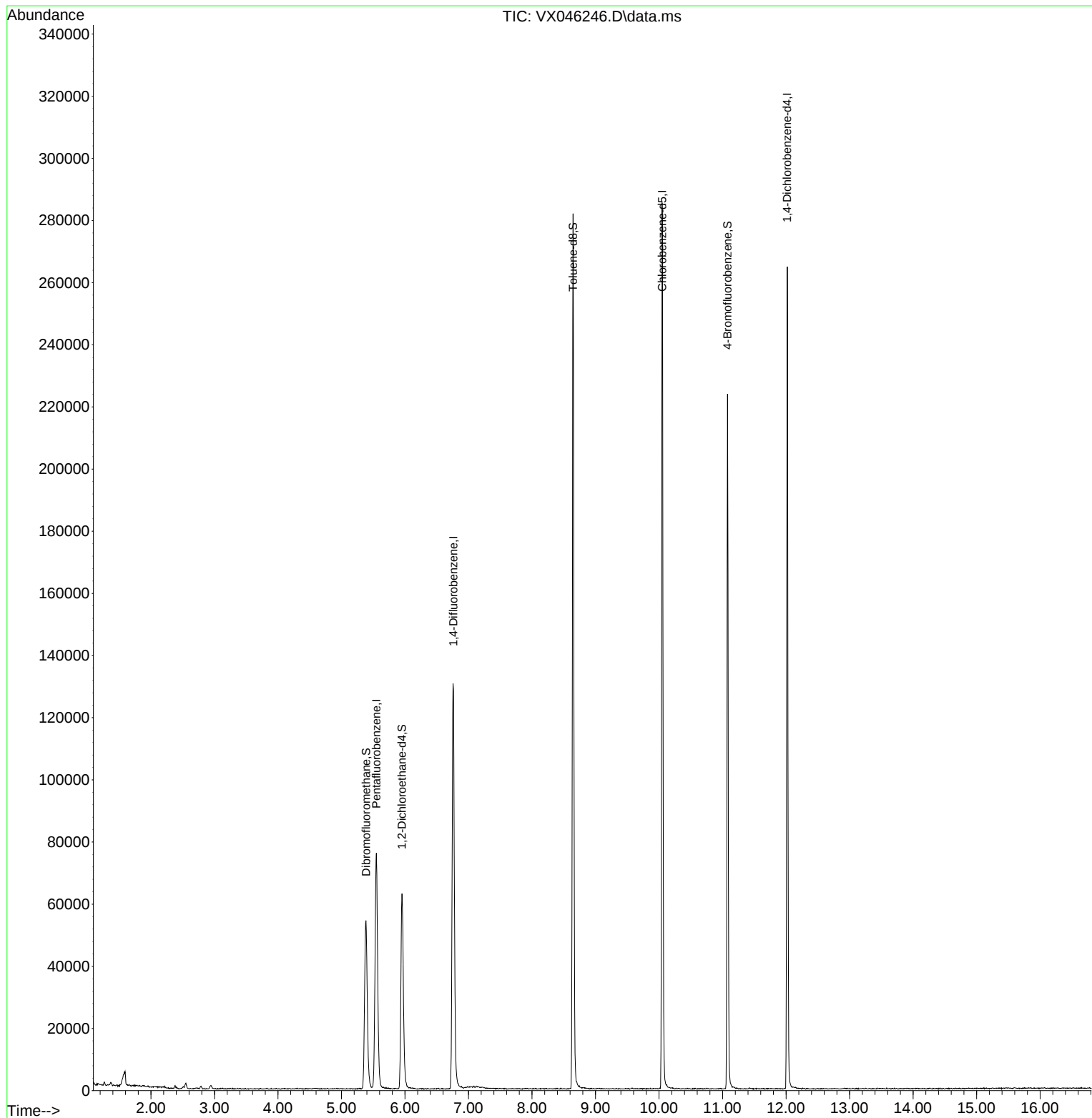
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051625\  
Data File : VX046246.D  
Acq On : 16 May 2025 16:29  
Operator : JC/MD  
Sample : Q2072-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB

Quant Time: May 16 23:08:00 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X050525W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 06 07:12:22 2025  
Response via : Initial Calibration

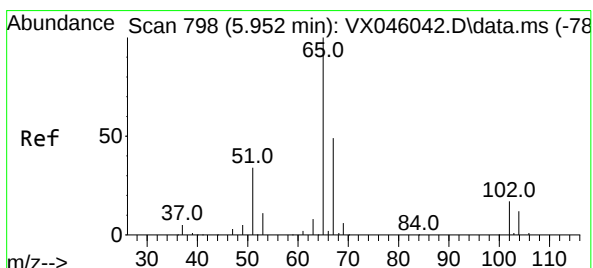
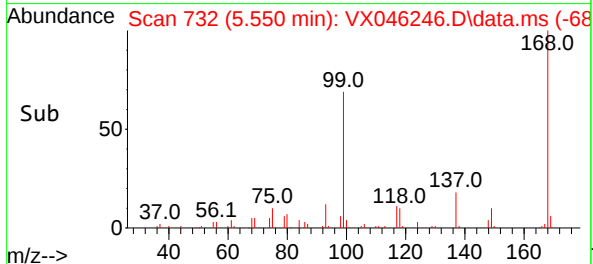
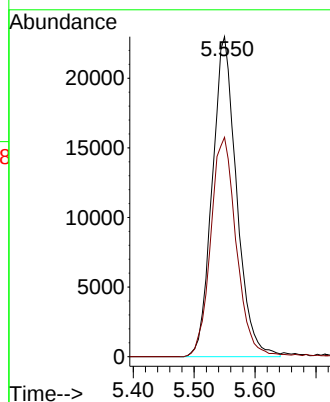
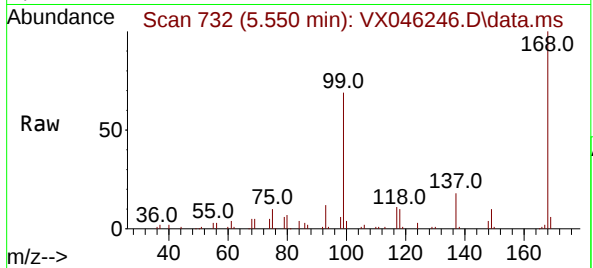




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

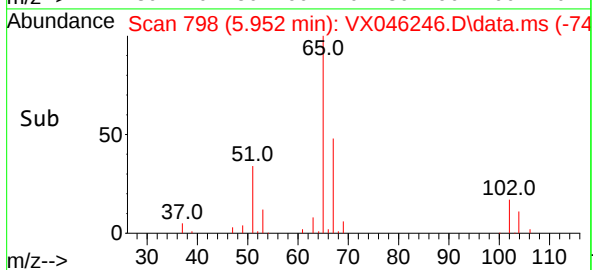
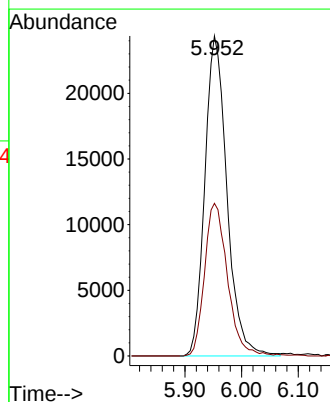
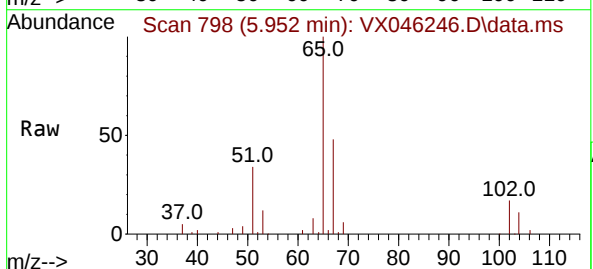
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB

Tgt Ion:168 Resp: 63781  
Ion Ratio Lower Upper  
168 100  
99 68.6 54.9 82.3



#33  
1,2-Dichloroethane-d4  
Concen: 55.529 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.000 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

Tgt Ion: 65 Resp: 66029  
Ion Ratio Lower Upper  
65 100  
67 49.4 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX046246.D

Acq: 16 May 2025 16:29

Instrument :

MSVOA\_X

ClientSampleId :

FB

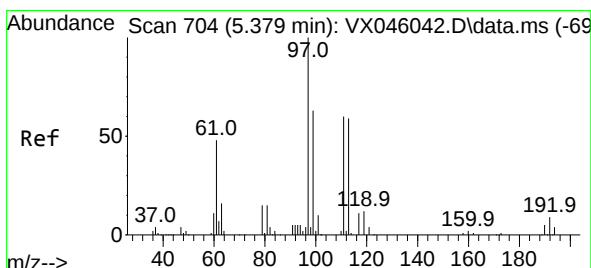
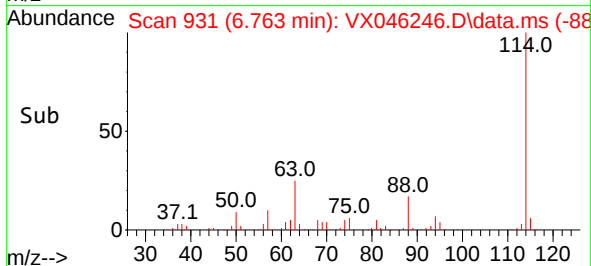
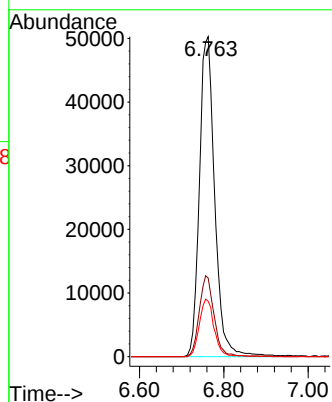
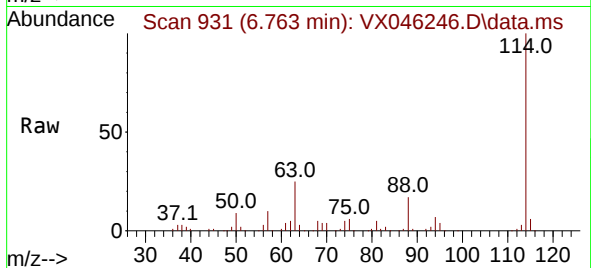
Tgt Ion:114 Resp: 127117

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

88 17.3 0.0 33.6



#35

Dibromofluoromethane

Concen: 52.859 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX046246.D

Acq: 16 May 2025 16:29

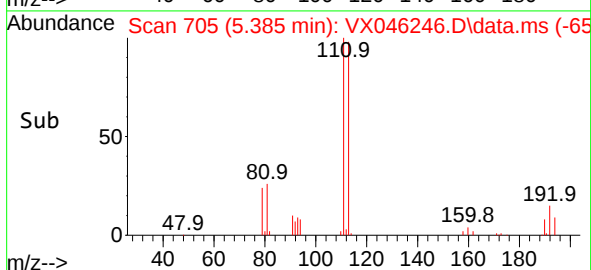
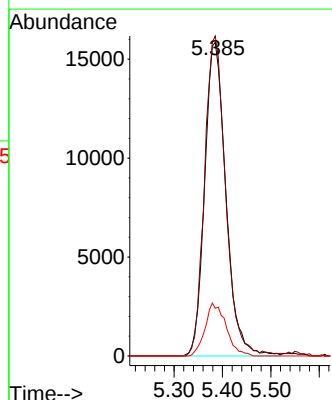
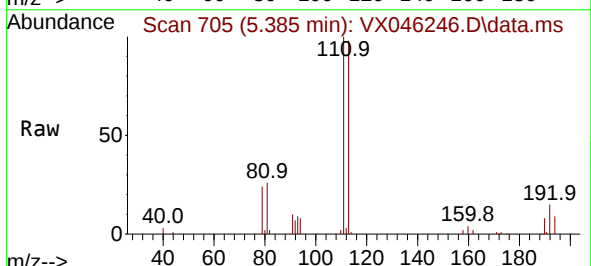
Tgt Ion:113 Resp: 48386

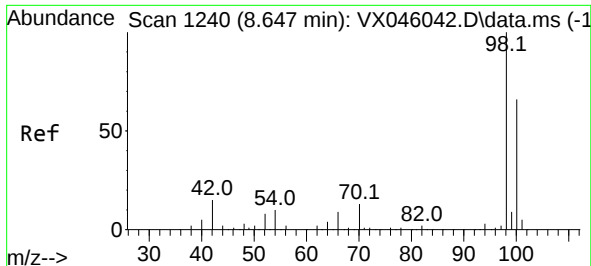
Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

192 16.7 13.3 19.9

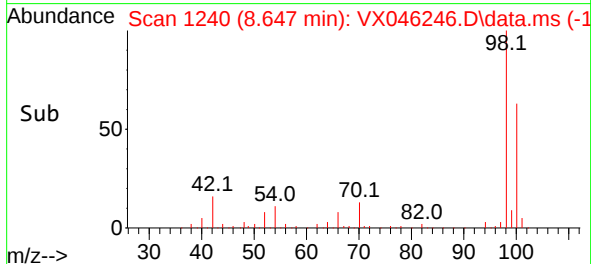
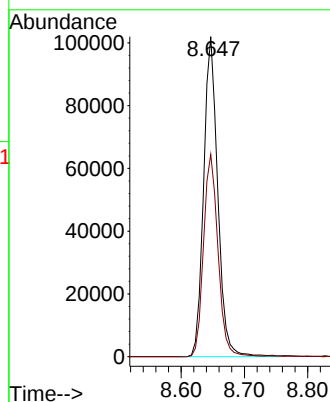
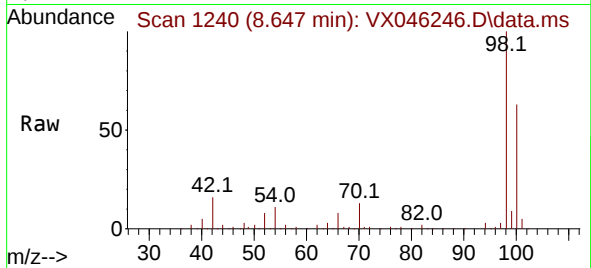




#50  
Toluene-d8  
Concen: 50.070 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

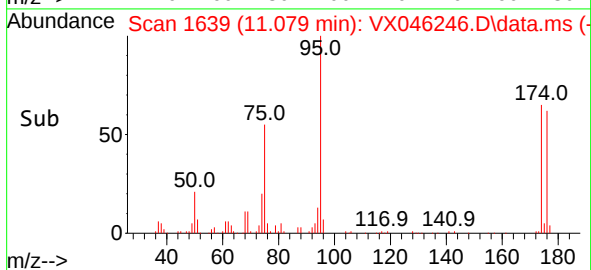
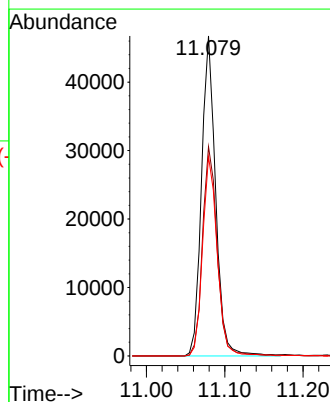
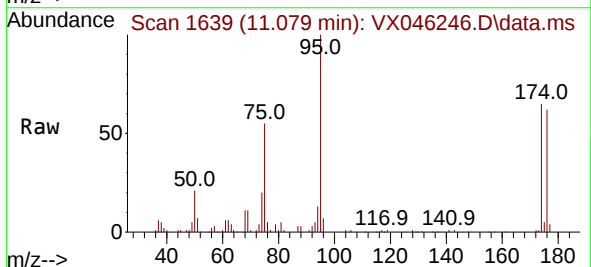
Instrument :  
MSVOA\_X  
ClientSampleId :  
FB

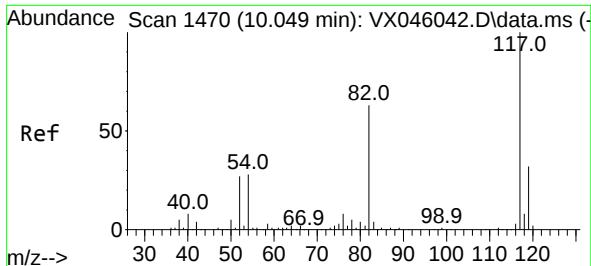
Tgt Ion: 98 Resp: 158633  
Ion Ratio Lower Upper  
98 100  
100 64.8 53.5 80.3



#62  
4-Bromofluorobenzene  
Concen: 48.291 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

Tgt Ion: 95 Resp: 58688  
Ion Ratio Lower Upper  
95 100  
174 67.5 0.0 135.8  
176 64.3 0.0 131.4

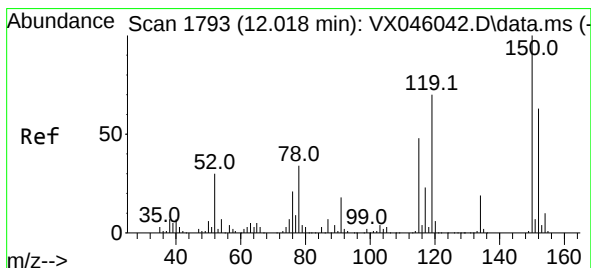
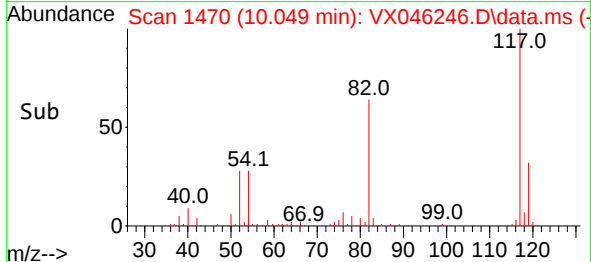
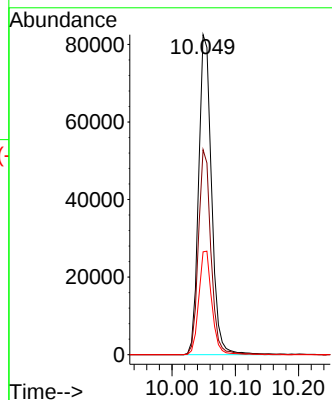
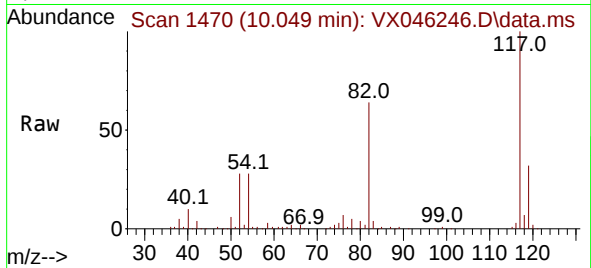




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

Instrument :  
MSVOA\_X  
ClientSampleId :  
FB

Tgt Ion:117 Resp: 117342  
Ion Ratio Lower Upper  
117 100  
82 64.0 50.6 76.0  
119 32.2 25.8 38.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VX046246.D  
Acq: 16 May 2025 16:29

Tgt Ion:152 Resp: 48600  
Ion Ratio Lower Upper  
152 100  
115 67.3 46.9 140.7  
150 157.6 0.0 351.0

