

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092325\  
 Data File : VX047747.D  
 Acq On : 24 Sep 2025 03:11  
 Operator : JC/MD  
 Sample : VX0923WBL02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0923WBL02

Quant Time: Sep 24 03:44:03 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.544  | 168  | 197095   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.751  | 114  | 377977   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 356070   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 171478   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 162215   | 51.706   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 103.420% |
| 35) Dibromofluoromethane    | 5.373  | 113   | 128776   | 50.801   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 101.600% |
| 50) Toluene-d8              | 8.635  | 98    | 440529   | 50.224   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 100.440% |
| 62) 4-Bromofluorobenzene    | 11.067 | 95    | 172255   | 51.746   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 103.500% |

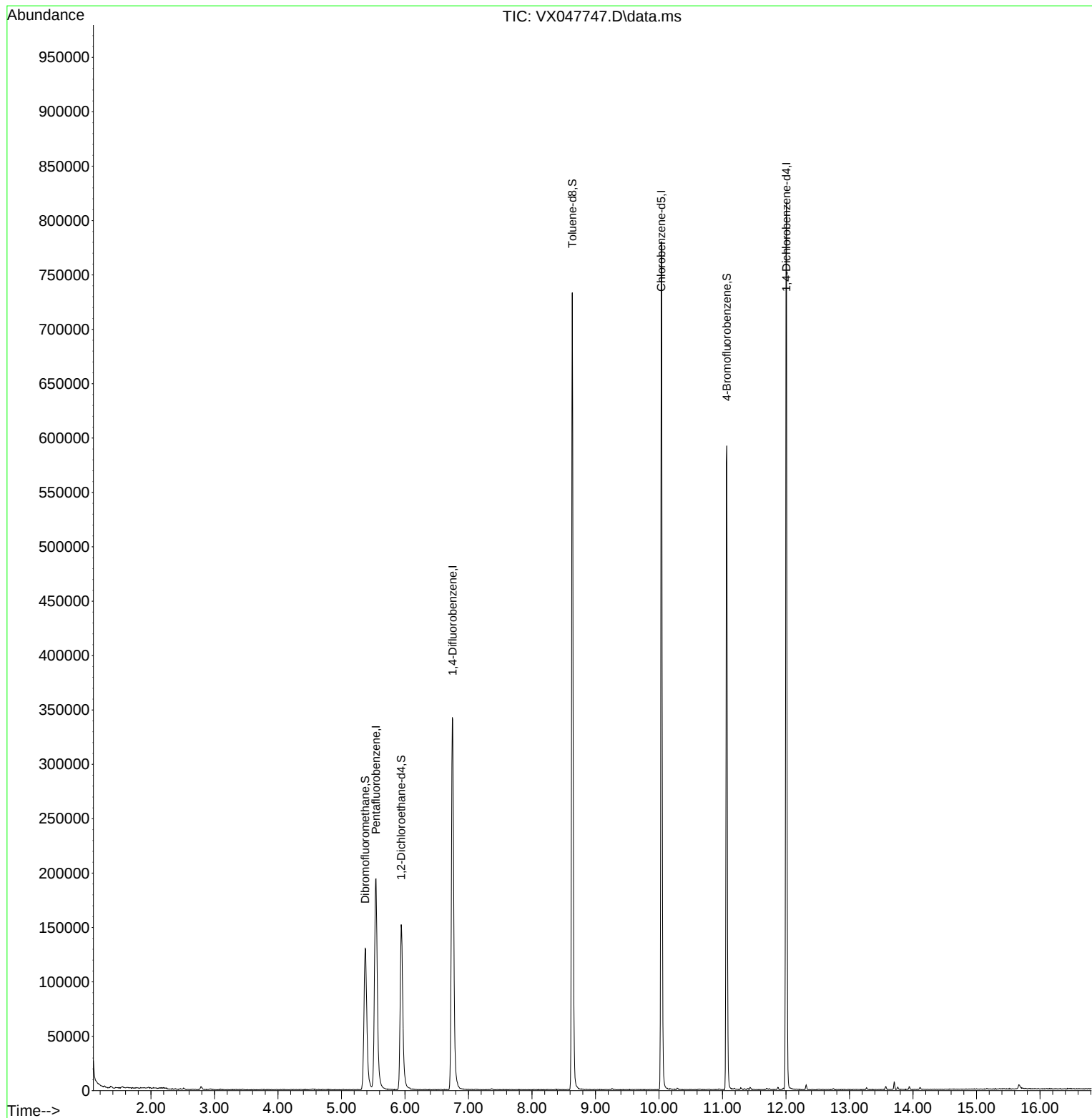
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

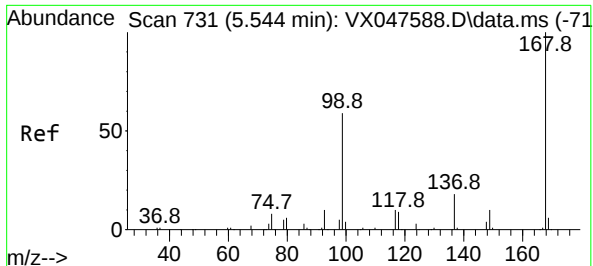
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0923WBL02

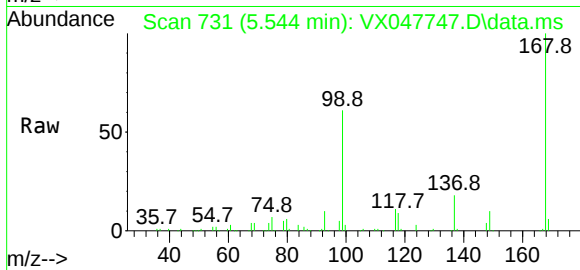
Quant Time: Sep 24 03:44:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 2025  
Response via : Initial Calibration



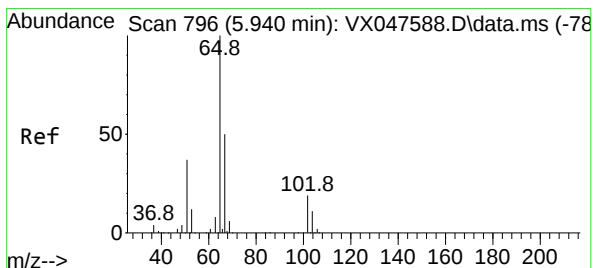
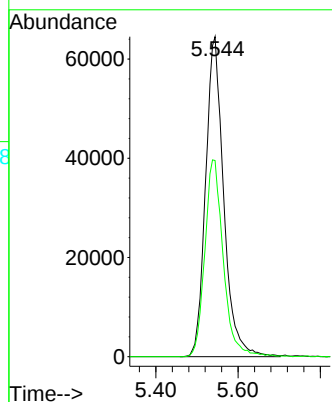
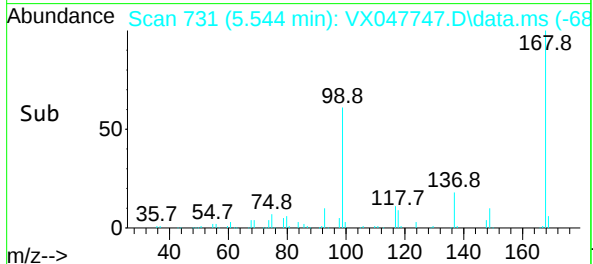


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0923WBL02

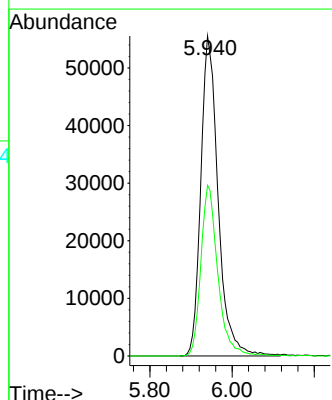
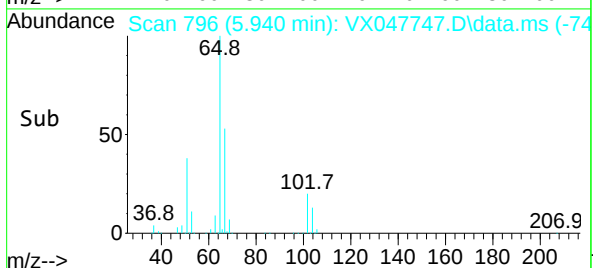
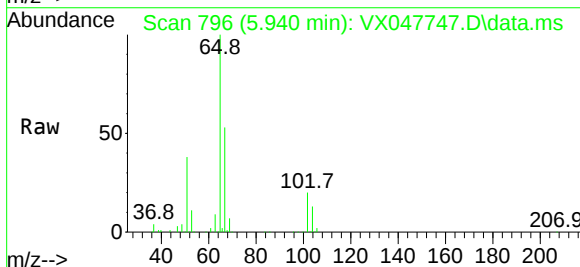


Tgt Ion:168 Resp: 197095  
Ion Ratio Lower Upper  
168 100  
99 61.3 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 51.706 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

Tgt Ion: 65 Resp: 162215  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 103.0

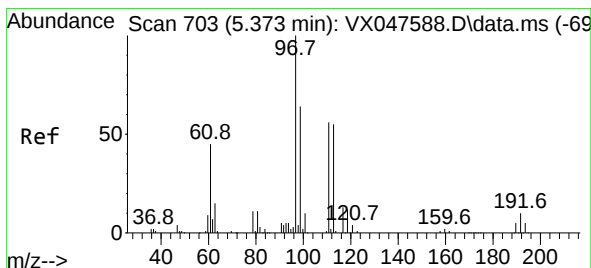
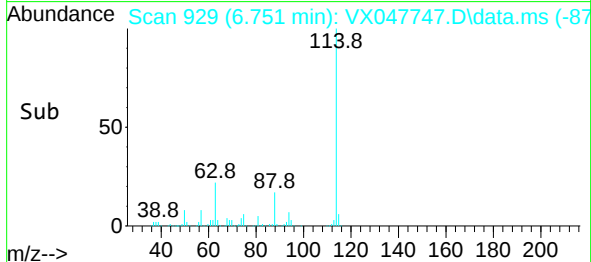
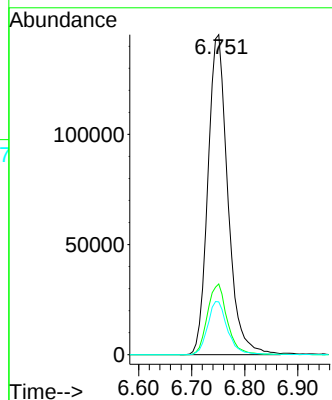
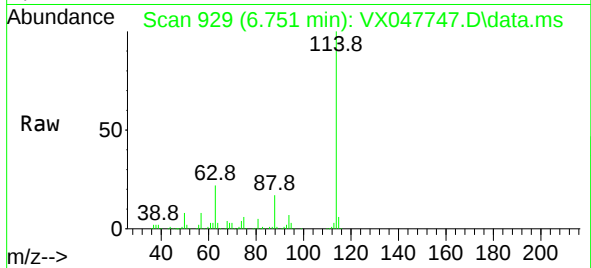




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.751 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

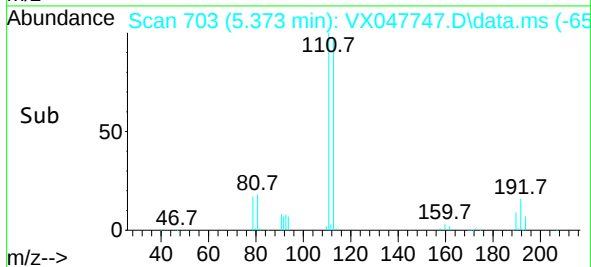
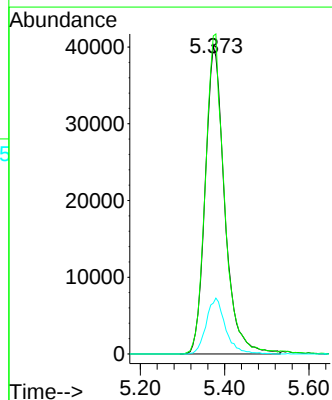
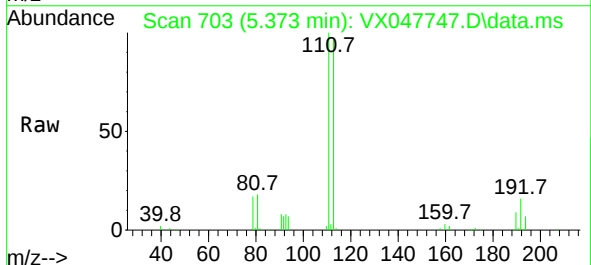
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0923WBL02

Tgt Ion:114 Resp: 377977  
Ion Ratio Lower Upper  
114 100  
63 22.1 0.0 44.0  
88 16.5 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 50.801 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

Tgt Ion:113 Resp: 128776  
Ion Ratio Lower Upper  
113 100  
111 101.6 80.9 121.3  
192 18.0 14.2 21.4

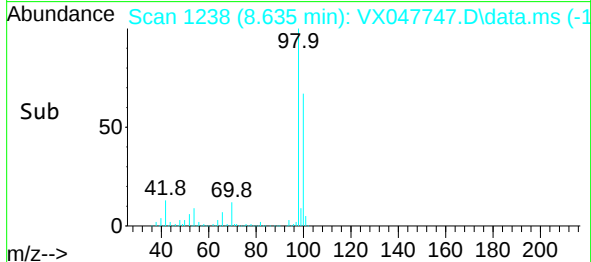
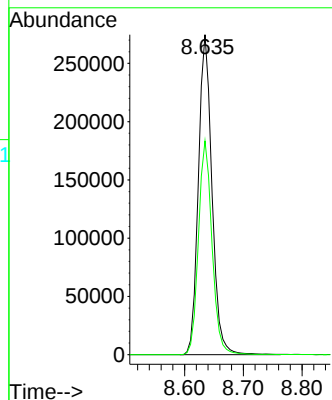
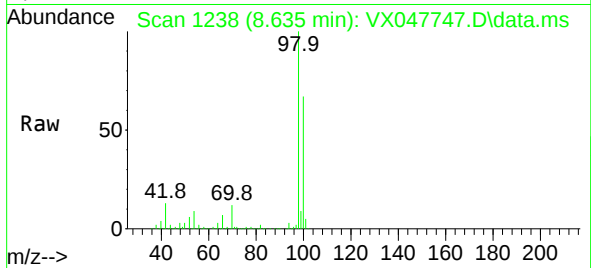




#50  
Toluene-d8  
Concen: 50.224 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

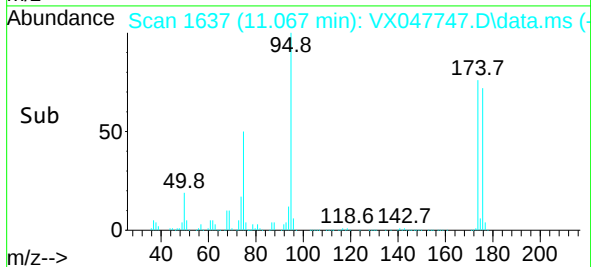
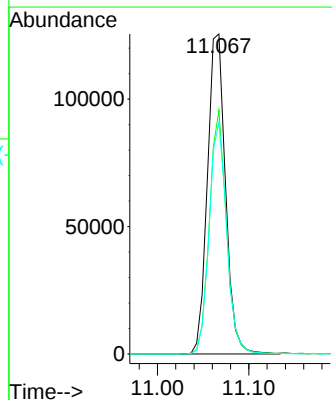
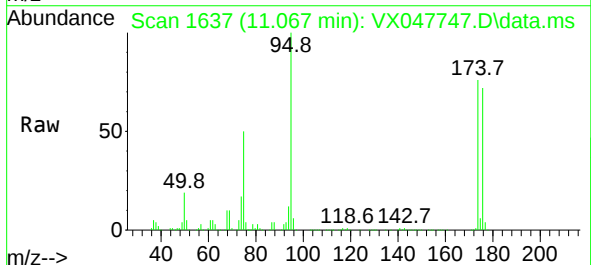
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0923WBL02

Tgt Ion: 98 Resp: 440529  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 51.746 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX047747.D  
Acq: 24 Sep 2025 03:11

Tgt Ion: 95 Resp: 172255  
Ion Ratio Lower Upper  
95 100  
174 71.8 0.0 141.6  
176 70.3 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX047747.D

Acq: 24 Sep 2025 03:11

Instrument :

MSVOA\_X

ClientSampleId :

VX0923WBL02

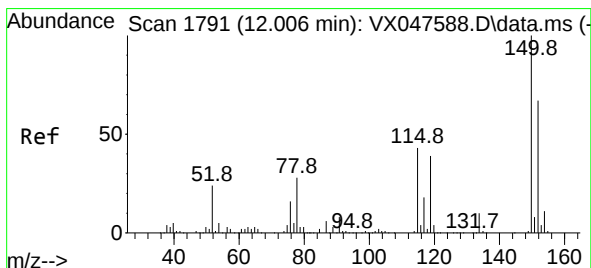
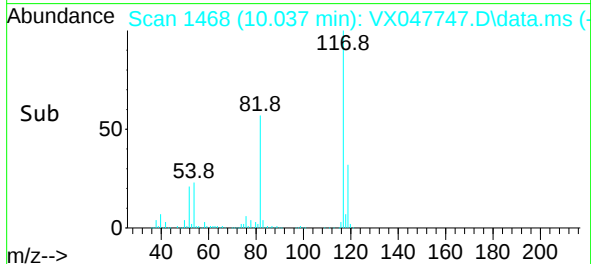
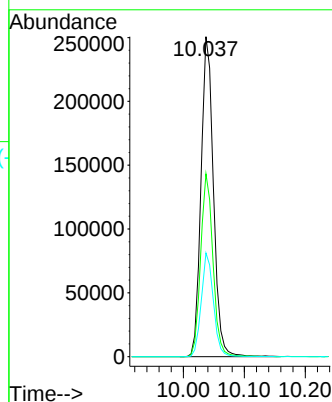
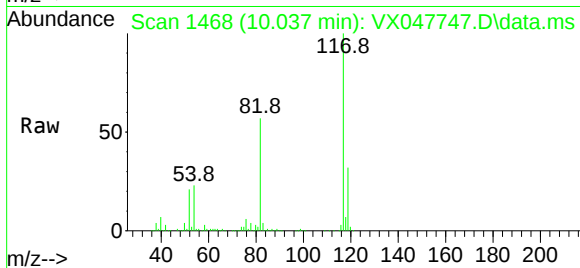
Tgt Ion:117 Resp: 356070

Ion Ratio Lower Upper

117 100

82 57.1 47.8 71.6

119 32.4 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX047747.D

Acq: 24 Sep 2025 03:11

Tgt Ion:152 Resp: 171478

Ion Ratio Lower Upper

152 100

115 62.6 44.9 134.5

150 158.1 0.0 352.0

