

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092525\  
 Data File : VX047796.D  
 Acq On : 25 Sep 2025 09:25  
 Operator : JC/MD  
 Sample : VX0925MBL01  
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0925MBL01

Quant Time: Sep 26 01:21:14 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      | 5.531  | 168  | 122003   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 6.745  | 114  | 256664   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 258592   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 124039   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.934  | 65    | 97448    | 50.180   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 100.360% |
| 35) Dibromofluoromethane    | 5.367  | 113   | 82890    | 48.155   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 96.300%  |
| 50) Toluene-d8              | 8.635  | 98    | 287311   | 48.238   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.480%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 118546   | 52.443   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 104.880% |

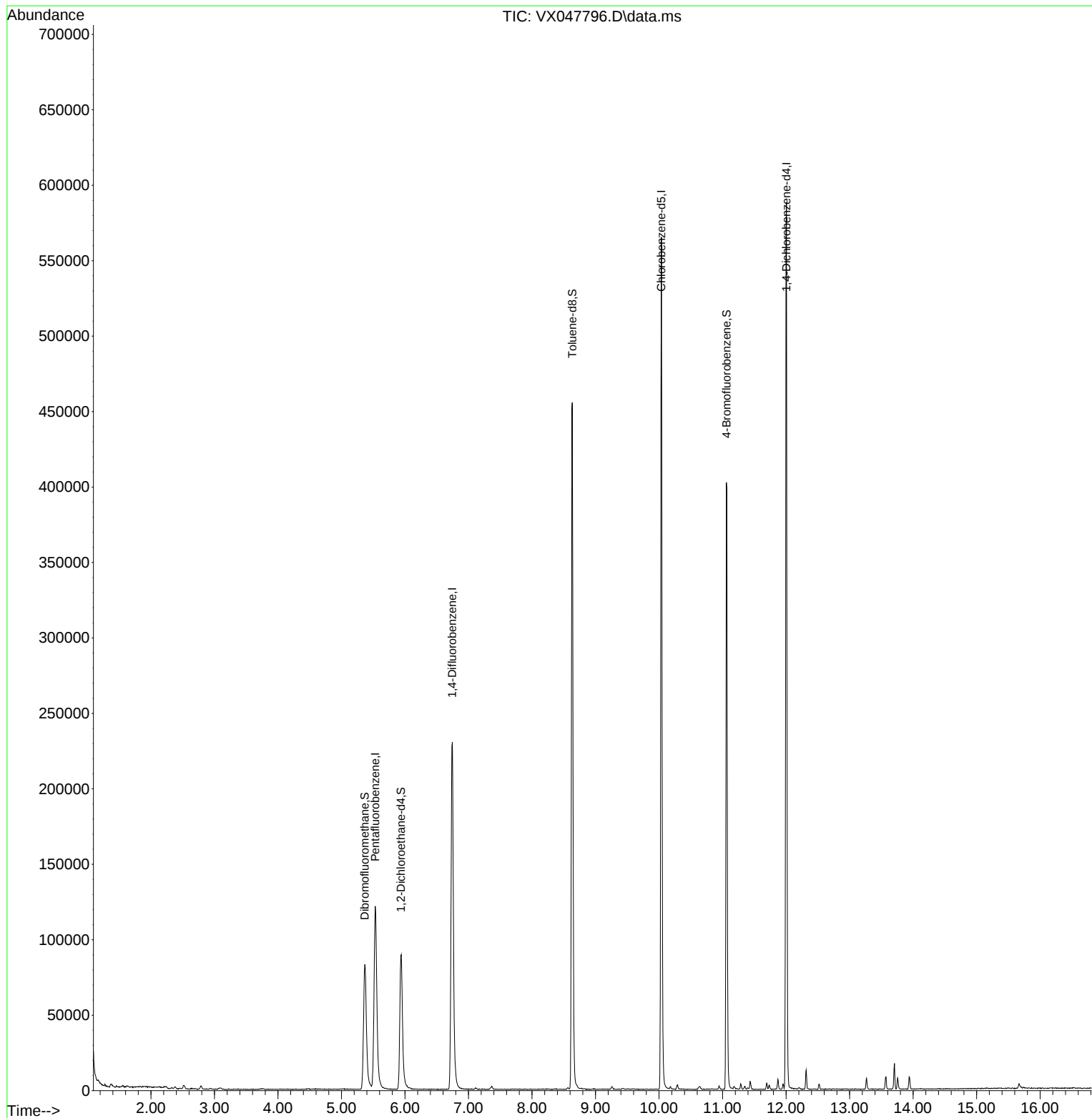
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925MBL01

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QLast Update : Wed Sep 17 06:39:58 2025  
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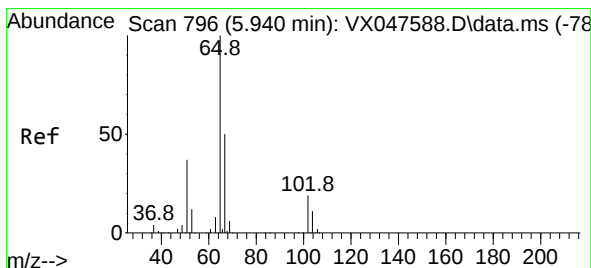
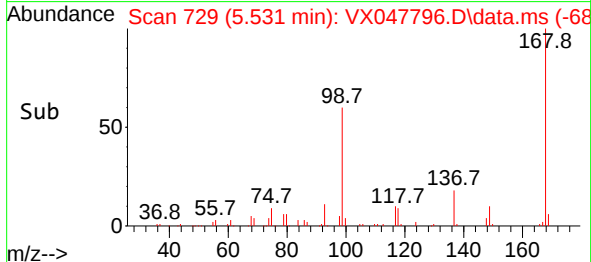
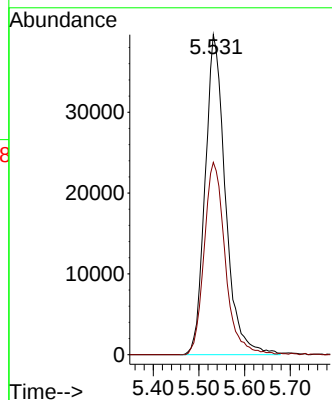
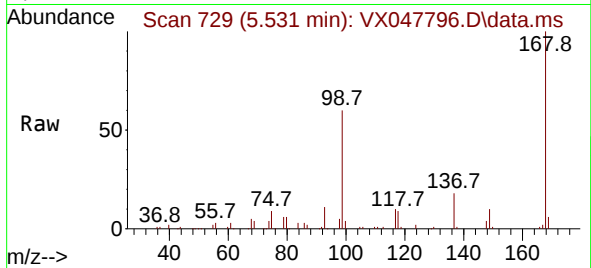




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.531 min Scan# 71  
Delta R.T. -0.013 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

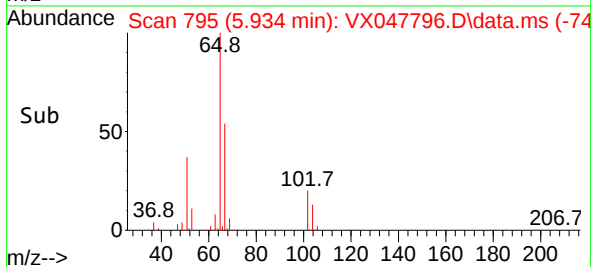
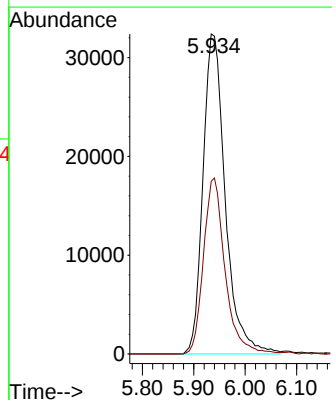
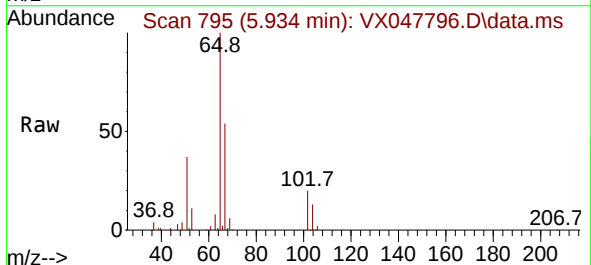
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925MBL01

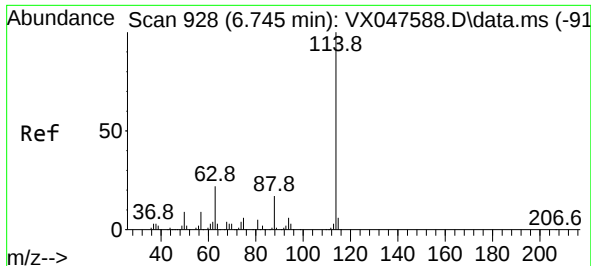
Tgt Ion:168 Resp: 122003  
Ion Ratio Lower Upper  
168 100  
99 60.1 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 50.180 ug/l  
RT: 5.934 min Scan# 795  
Delta R.T. -0.006 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

Tgt Ion: 65 Resp: 97448  
Ion Ratio Lower Upper  
65 100  
67 53.2 0.0 103.0

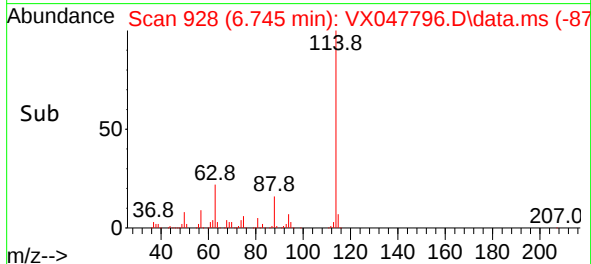
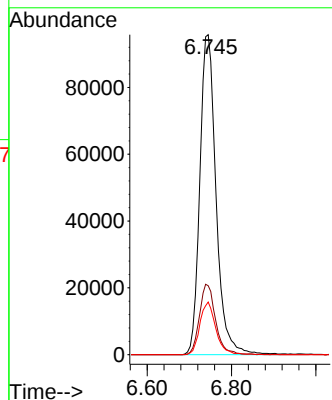
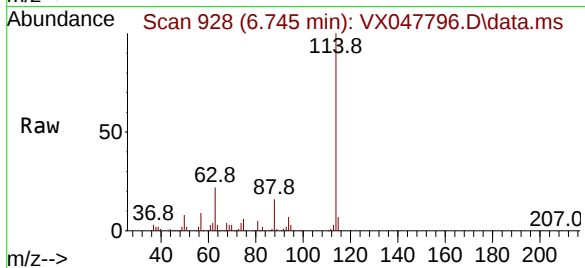




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

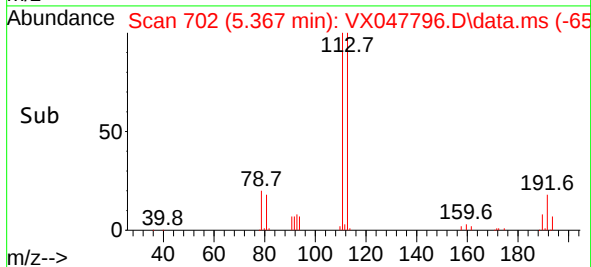
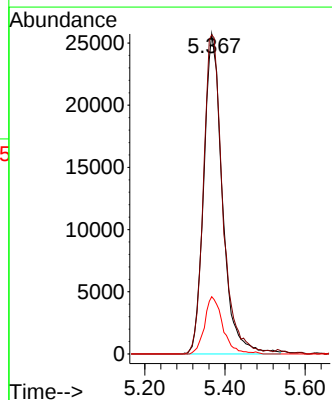
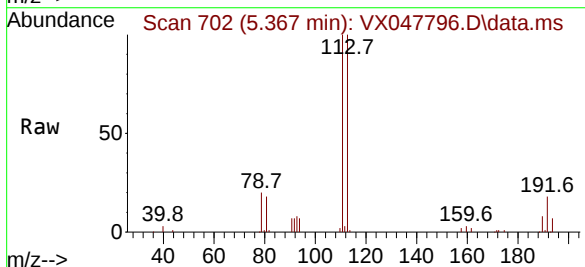
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925MBL01

Tgt Ion:114 Resp: 256664  
Ion Ratio Lower Upper  
114 100  
63 21.6 0.0 44.0  
88 16.4 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 48.155 ug/l  
RT: 5.367 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

Tgt Ion:113 Resp: 82890  
Ion Ratio Lower Upper  
113 100  
111 102.4 80.9 121.3  
192 17.5 14.2 21.4

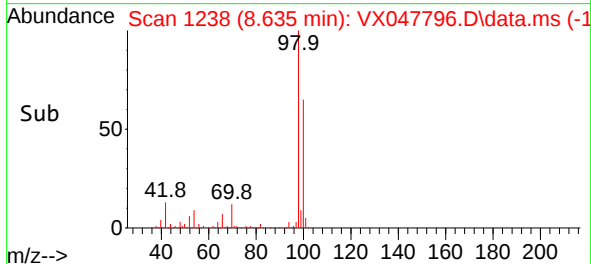
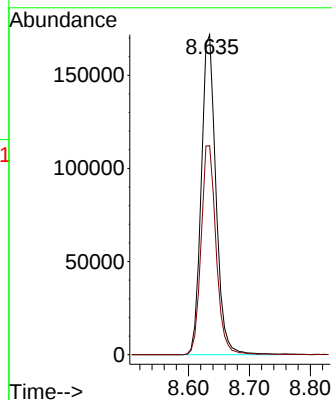
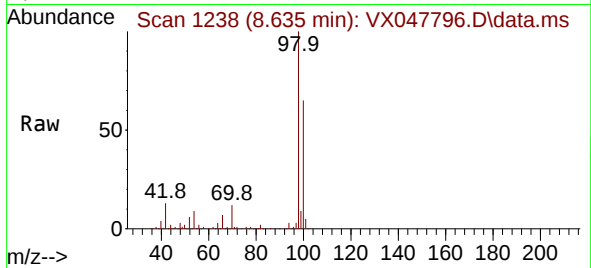




#50  
Toluene-d8  
Concen: 48.238 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

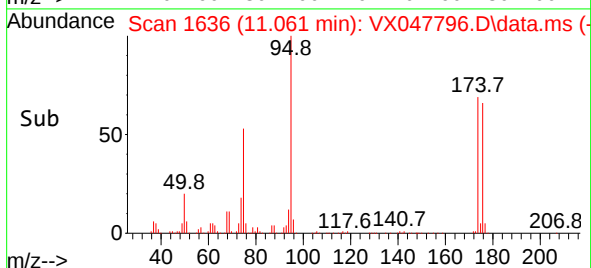
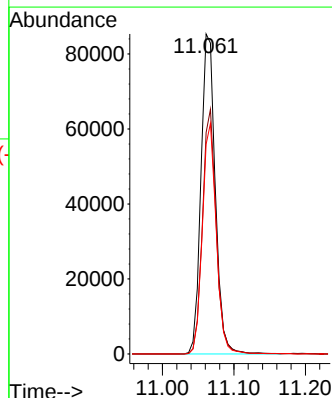
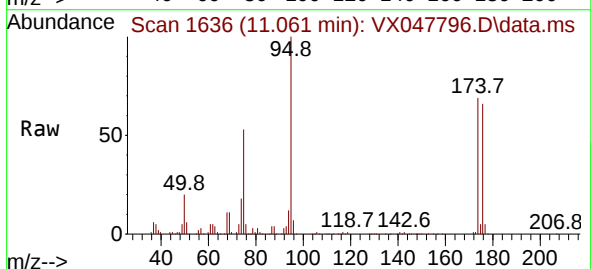
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0925MBL01

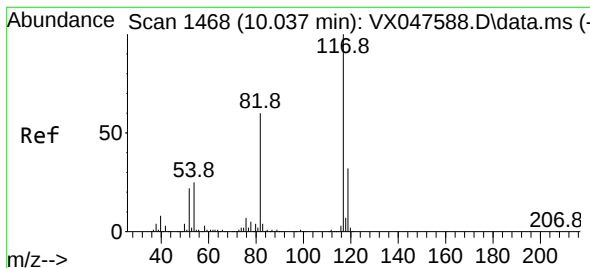
Tgt Ion: 98 Resp: 287311  
Ion Ratio Lower Upper  
98 100  
100 66.9 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 52.443 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX047796.D  
Acq: 25 Sep 2025 09:25

Tgt Ion: 95 Resp: 118546  
Ion Ratio Lower Upper  
95 100  
174 73.7 0.0 141.6  
176 70.1 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: VX047796.D

Acq: 25 Sep 2025 09:25

Instrument :

MSVOA\_X

ClientSampleId :

VX0925MBL01

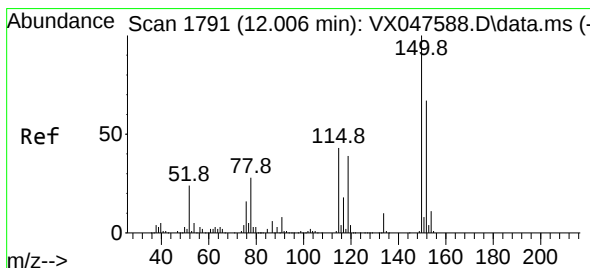
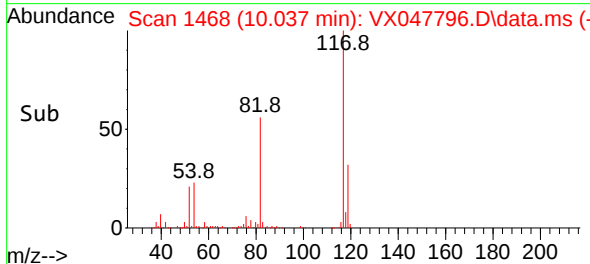
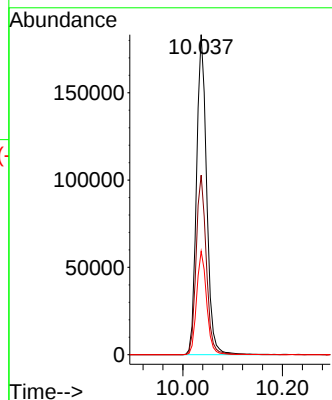
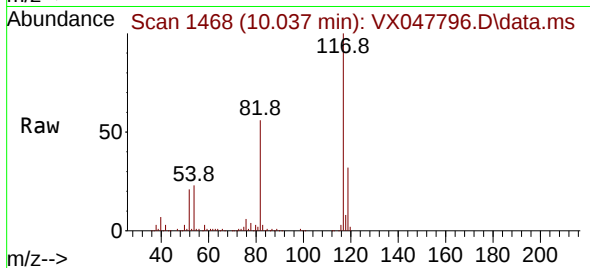
Tgt Ion:117 Resp: 258592

Ion Ratio Lower Upper

117 100

82 56.1 47.8 71.6

119 32.3 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: VX047796.D

Acq: 25 Sep 2025 09:25

Tgt Ion:152 Resp: 124039

Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

150 158.0 0.0 352.0

