

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101025\  
 Data File : VX048102.D  
 Acq On : 10 Oct 2025 11:33  
 Operator : JC/MD  
 Sample : VX1010WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX1010WBL01

Quant Time: Oct 10 22:55:02 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   | 163530   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.745  | 114   | 330351   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.037 | 117   | 333490   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.006 | 152   | 161186   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 128816   | 49.488   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 98.980%  |
| 35) Dibromofluoromethane    | 5.373  | 113   | 108286   | 48.876   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 97.760%  |
| 50) Toluene-d8              | 8.635  | 98    | 379810   | 49.544   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 99.080%  |
| 62) 4-Bromofluorobenzene    | 11.061 | 95    | 158573   | 54.503   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 109.000% |

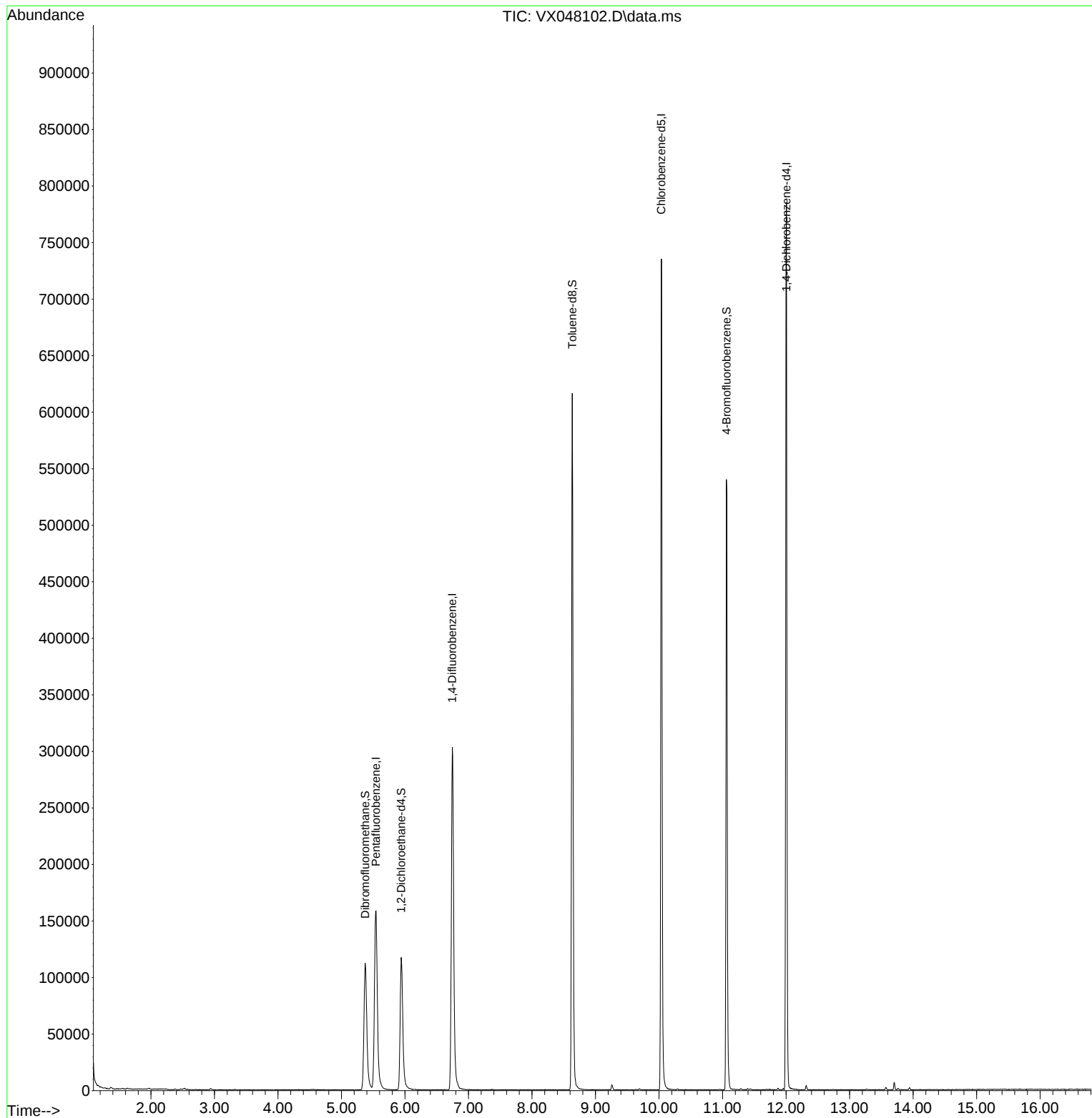
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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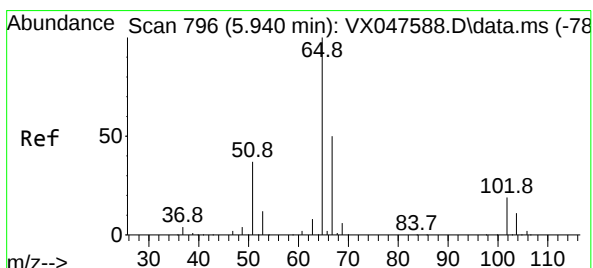
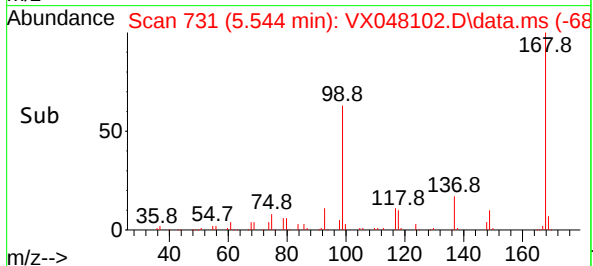
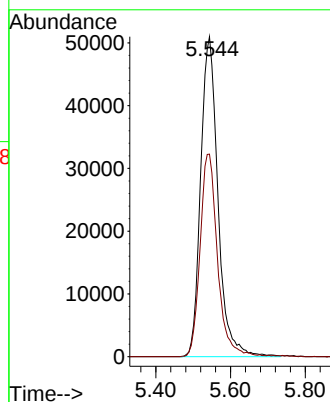
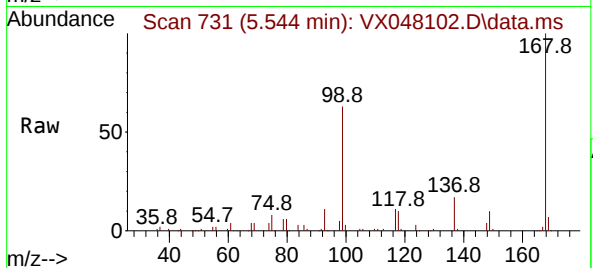




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

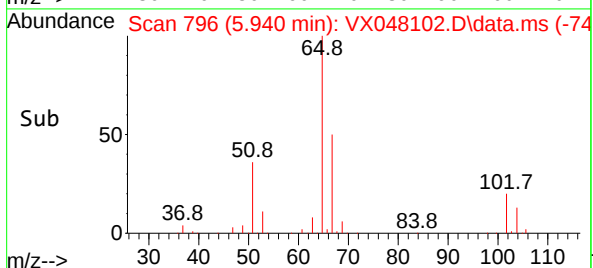
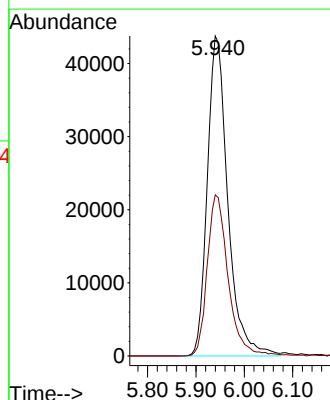
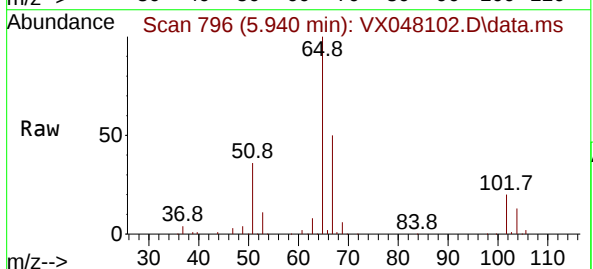
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1010WBL01

Tgt Ion:168 Resp: 163530  
Ion Ratio Lower Upper  
168 100  
99 63.3 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 49.488 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

Tgt Ion: 65 Resp: 128816  
Ion Ratio Lower Upper  
65 100  
67 51.5 0.0 103.0

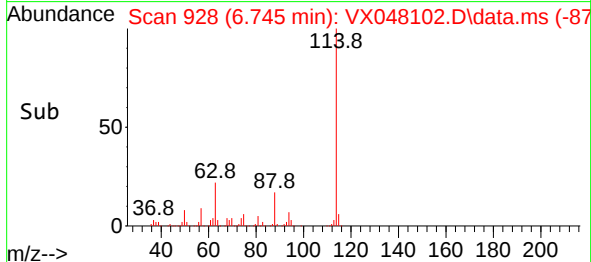
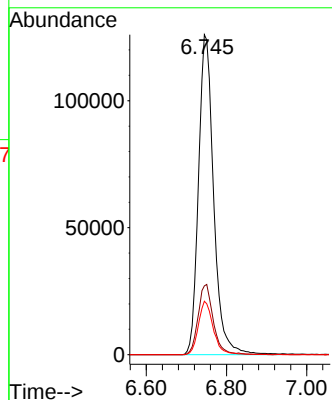
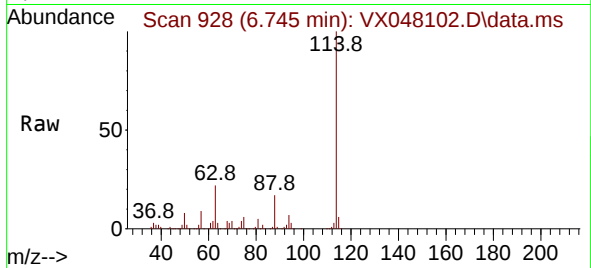




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

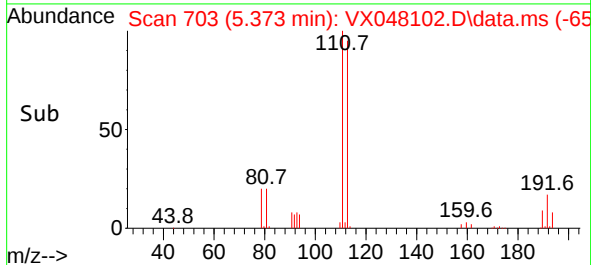
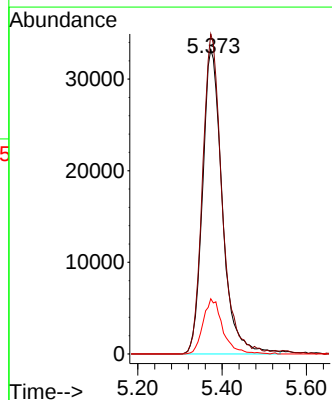
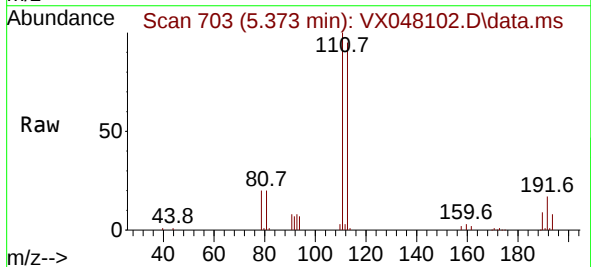
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1010WBL01

Tgt Ion:114 Resp: 330351  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 44.0  
88 16.7 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 48.876 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

Tgt Ion:113 Resp: 108286  
Ion Ratio Lower Upper  
113 100  
111 103.6 80.9 121.3  
192 18.0 14.2 21.4

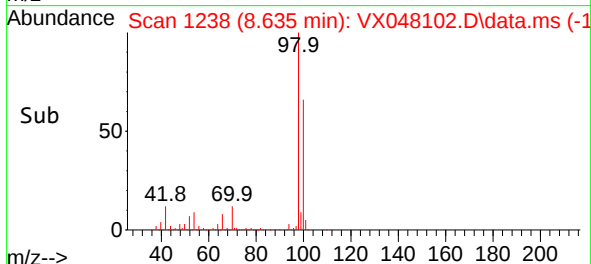
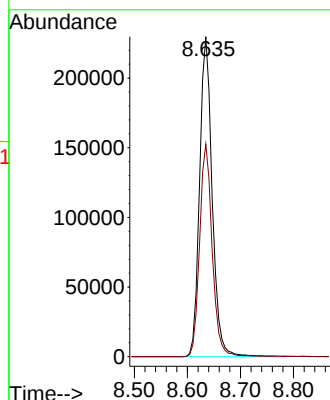
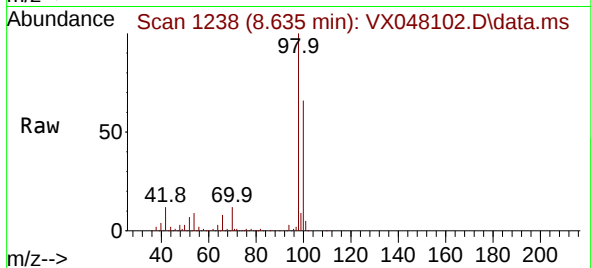




#50  
Toluene-d8  
Concen: 49.544 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

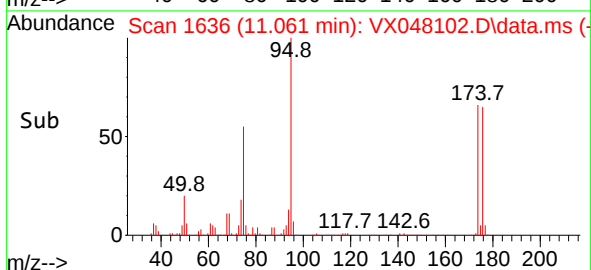
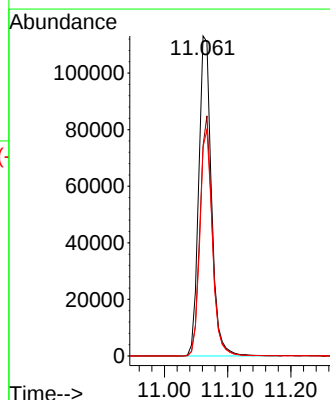
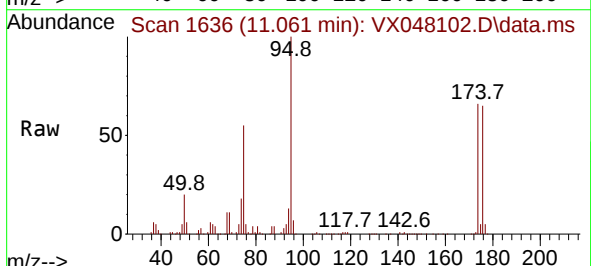
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX1010WBL01

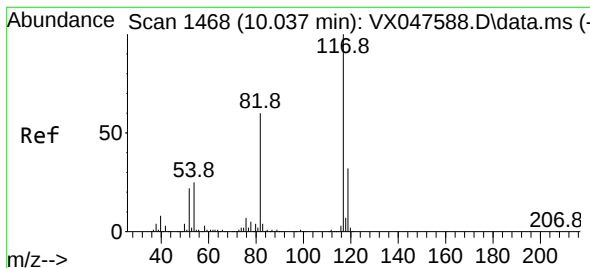
Tgt Ion: 98 Resp: 379810  
Ion Ratio Lower Upper  
98 100  
100 66.4 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 54.503 ug/l  
RT: 11.061 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: VX048102.D  
Acq: 10 Oct 2025 11:33

Tgt Ion: 95 Resp: 158573  
Ion Ratio Lower Upper  
95 100  
174 72.5 0.0 141.6  
176 69.5 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: VX048102.D

Acq: 10 Oct 2025 11:33

Instrument :

MSVOA\_X

ClientSampleId :

VX1010WBL01

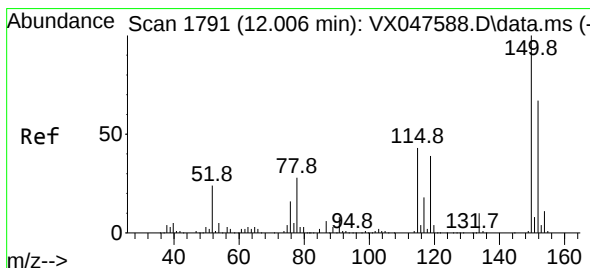
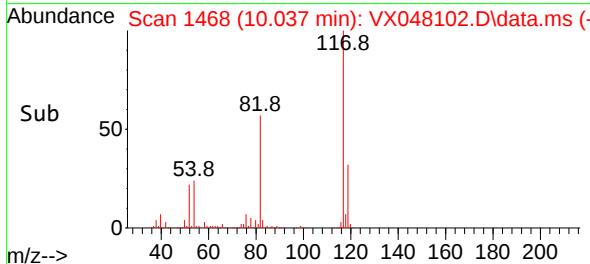
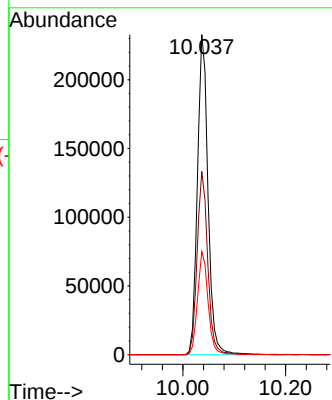
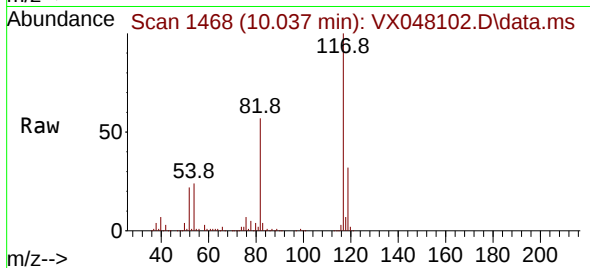
Tgt Ion:117 Resp: 333490

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.6

119 32.2 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: VX048102.D

Acq: 10 Oct 2025 11:33

Tgt Ion:152 Resp: 161186

Ion Ratio Lower Upper

152 100

115 63.4 44.9 134.5

150 157.1 0.0 352.0

