

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101525\  
 Data File : VX048194.D  
 Acq On : 15 Oct 2025 16:19  
 Operator : JC/MD  
 Sample : IBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 IBLK

Quant Time: Oct 16 04:08:14 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      | 5.538  | 168  | 97171    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.745  | 114  | 194392   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.037 | 117  | 221974   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.006 | 152  | 112170   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 5.940  | 65    | 99198    | 64.135   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 128.260%# |
| 35) Dibromofluoromethane    | 5.373  | 113   | 78019    | 59.844   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 119.680%  |
| 50) Toluene-d8              | 8.635  | 98    | 262631   | 58.219   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 116.440%# |
| 62) 4-Bromofluorobenzene    | 11.067 | 95    | 111295   | 65.008   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 130.020%# |

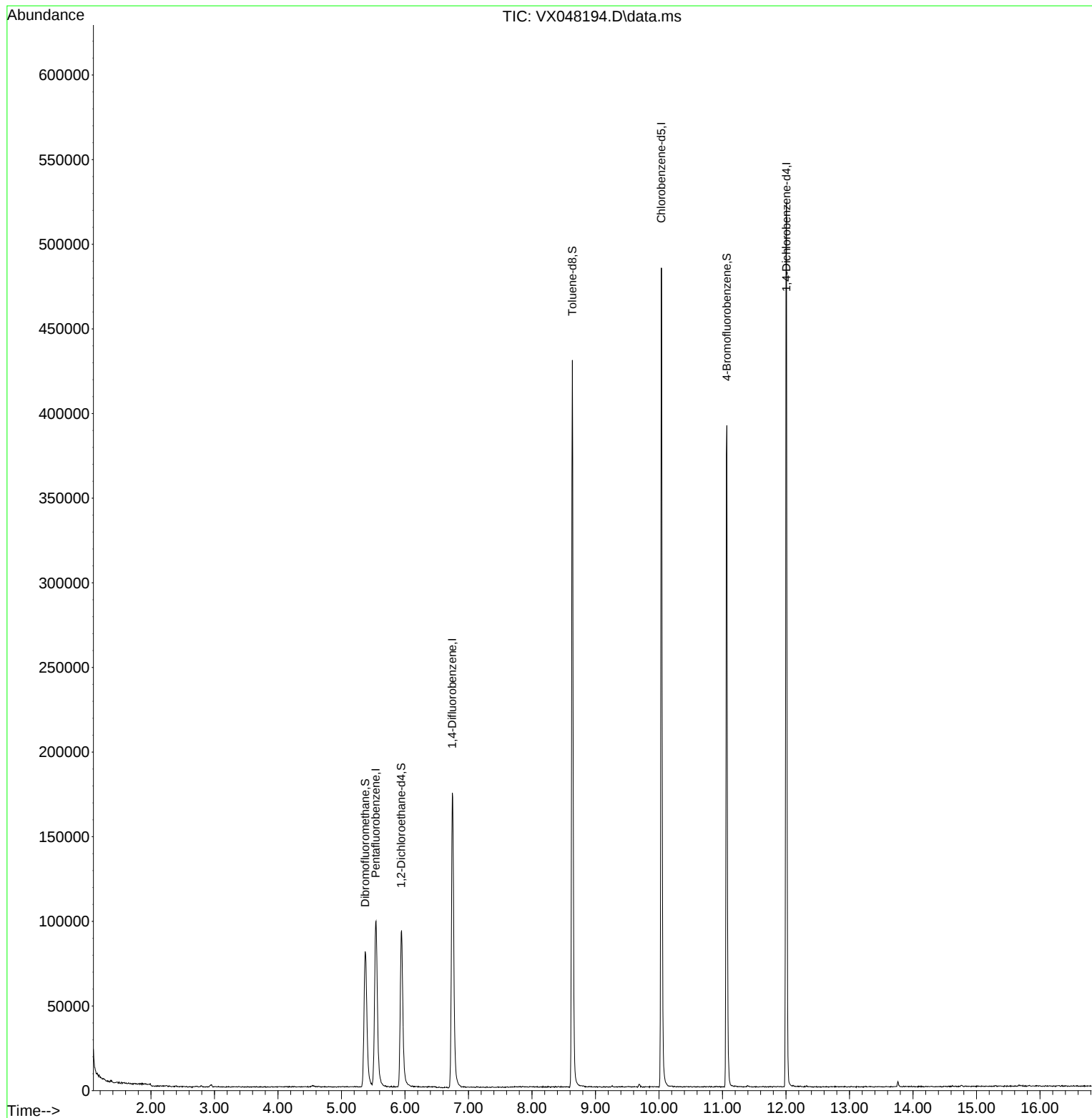
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

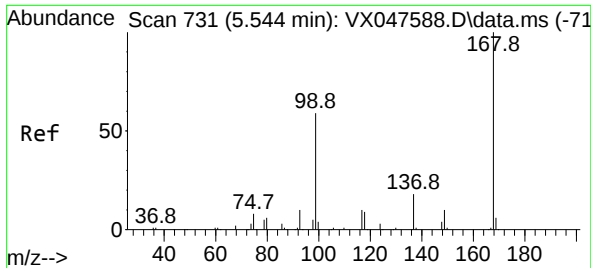
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101525\  
Data File : VX048194.D  
Acq On : 15 Oct 2025 16:19  
Operator : JC/MD  
Sample : IBLK  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Quant Time: Oct 16 04:08:14 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

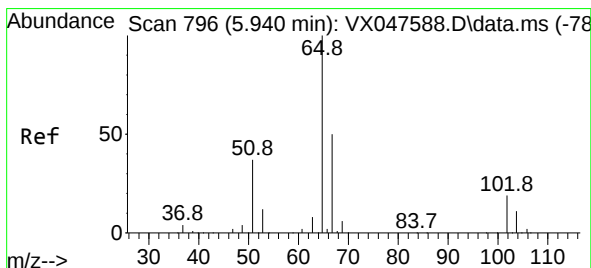
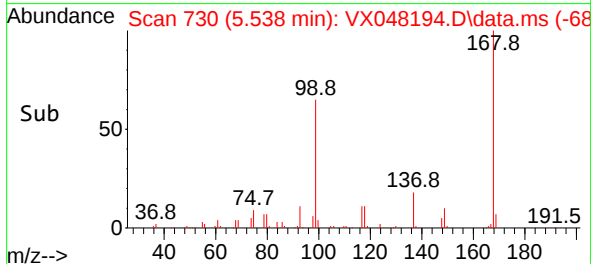
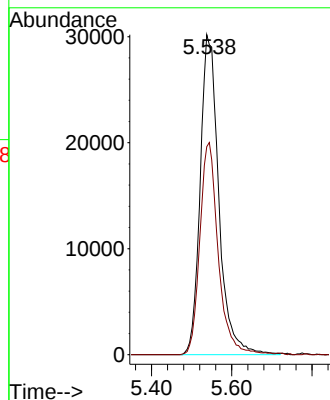
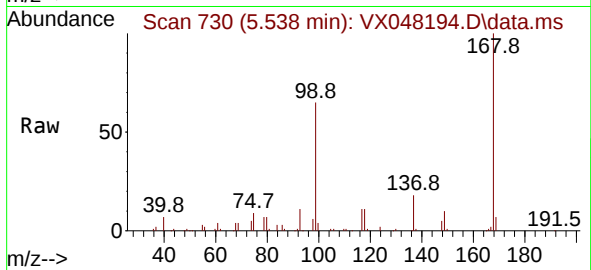




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.538 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

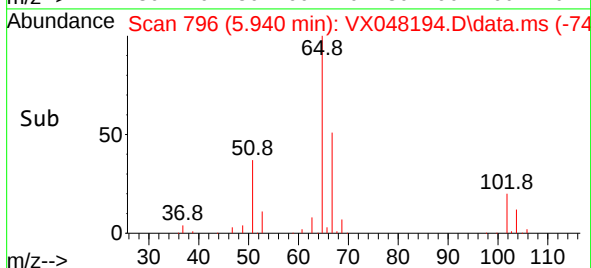
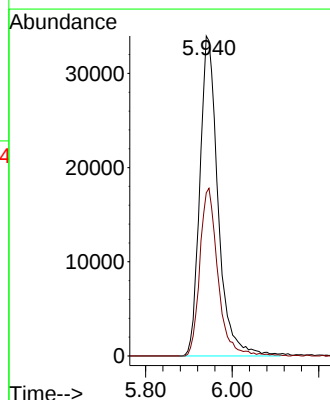
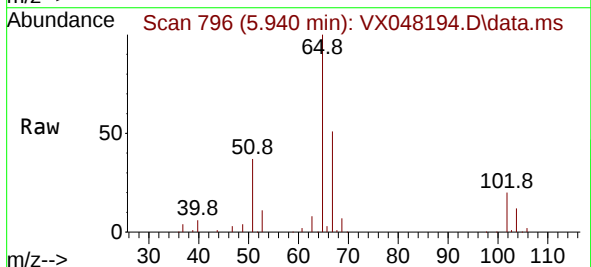
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

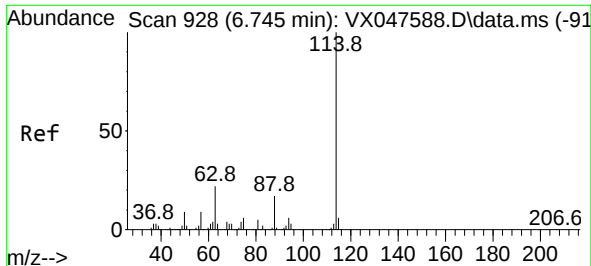
Tgt Ion:168 Resp: 97171  
Ion Ratio Lower Upper  
168 100  
99 65.0 48.8 73.2



#33  
1,2-Dichloroethane-d4  
Concen: 64.135 ug/l  
RT: 5.940 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

Tgt Ion: 65 Resp: 99198  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 103.0

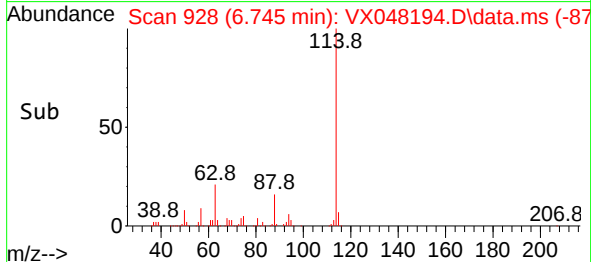
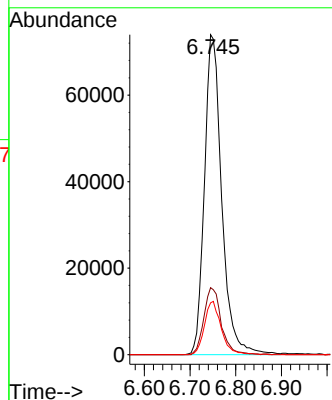
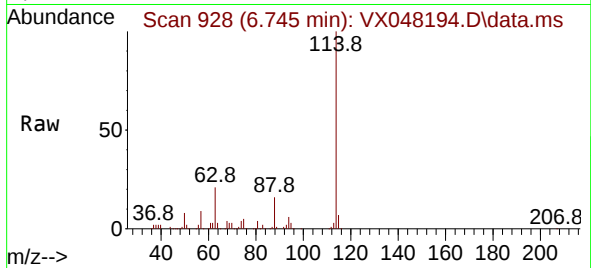




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.745 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

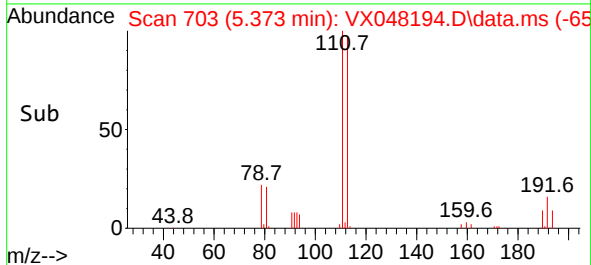
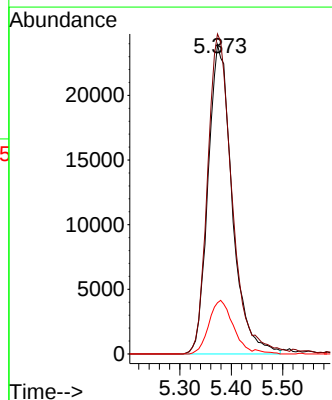
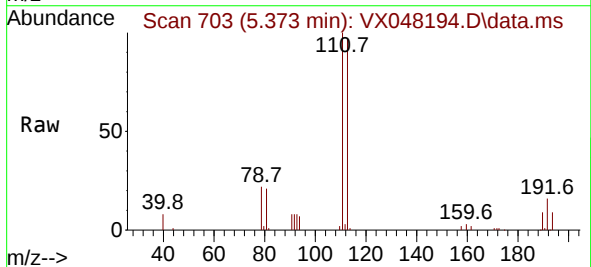
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion:114 Resp: 194392  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 44.0  
88 16.2 0.0 34.2



#35  
Dibromofluoromethane  
Concen: 59.844 ug/l  
RT: 5.373 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

Tgt Ion:113 Resp: 78019  
Ion Ratio Lower Upper  
113 100  
111 104.7 80.9 121.3  
192 17.8 14.2 21.4

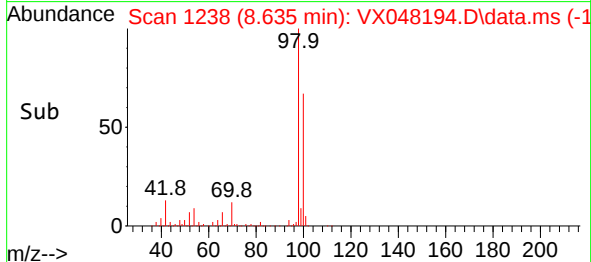
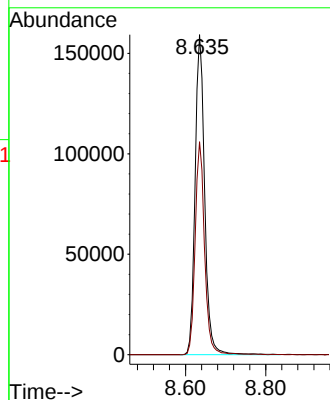
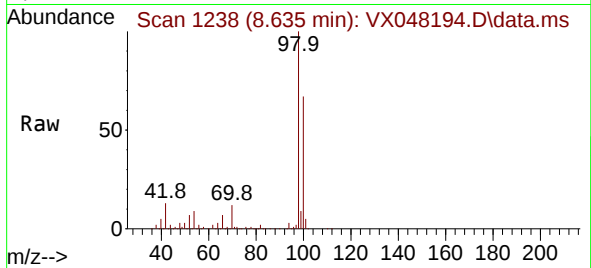




#50  
Toluene-d8  
Concen: 58.219 ug/l  
RT: 8.635 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

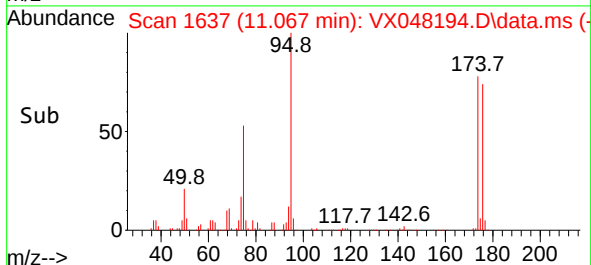
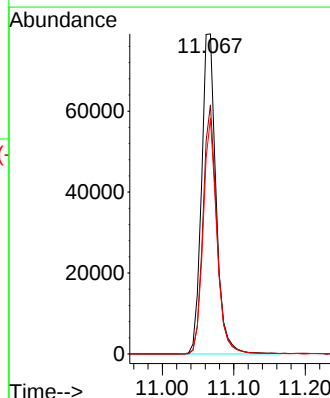
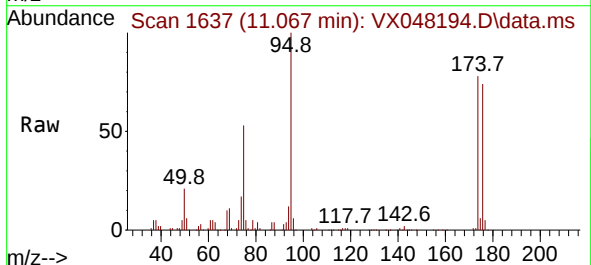
Instrument :  
MSVOA\_X  
ClientSampleId :  
IBLK

Tgt Ion: 98 Resp: 262631  
Ion Ratio Lower Upper  
98 100  
100 65.3 53.0 79.4



#62  
4-Bromofluorobenzene  
Concen: 65.008 ug/l  
RT: 11.067 min Scan# 1637  
Delta R.T. 0.006 min  
Lab File: VX048194.D  
Acq: 15 Oct 2025 16:19

Tgt Ion: 95 Resp: 111295  
Ion Ratio Lower Upper  
95 100  
174 74.4 0.0 141.6  
176 69.9 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: VX048194.D

Acq: 15 Oct 2025 16:19

Instrument :

MSVOA\_X

ClientSampleId :

IBLK

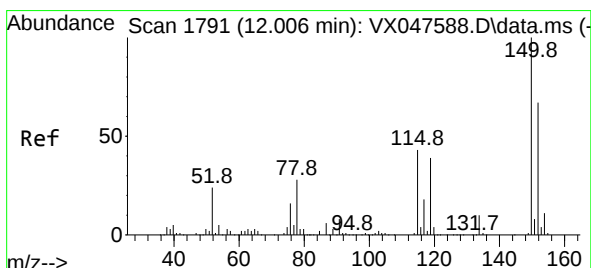
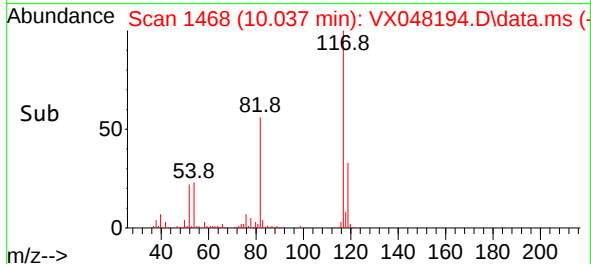
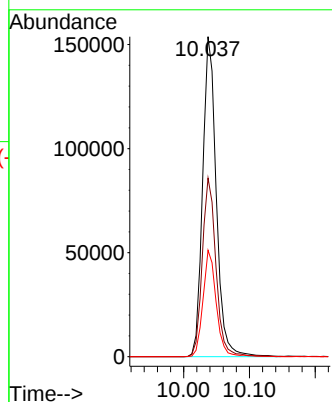
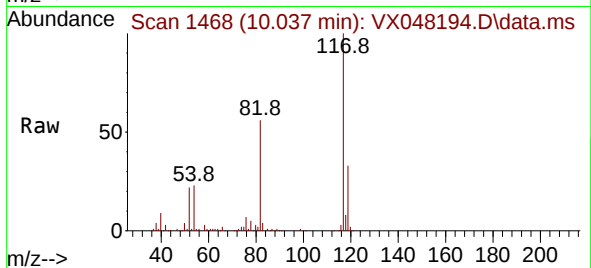
Tgt Ion:117 Resp: 221974

Ion Ratio Lower Upper

117 100

82 55.8 47.8 71.6

119 33.2 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: VX048194.D

Acq: 15 Oct 2025 16:19

Tgt Ion:152 Resp: 112170

Ion Ratio Lower Upper

152 100

115 62.1 44.9 134.5

150 156.5 0.0 352.0

