

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048117.D
 Acq On : 10 Oct 2025 16:56
 Operator : JC/MD
 Sample : Q3311-05DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1SDL

Quant Time: Oct 10 23:51:53 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)

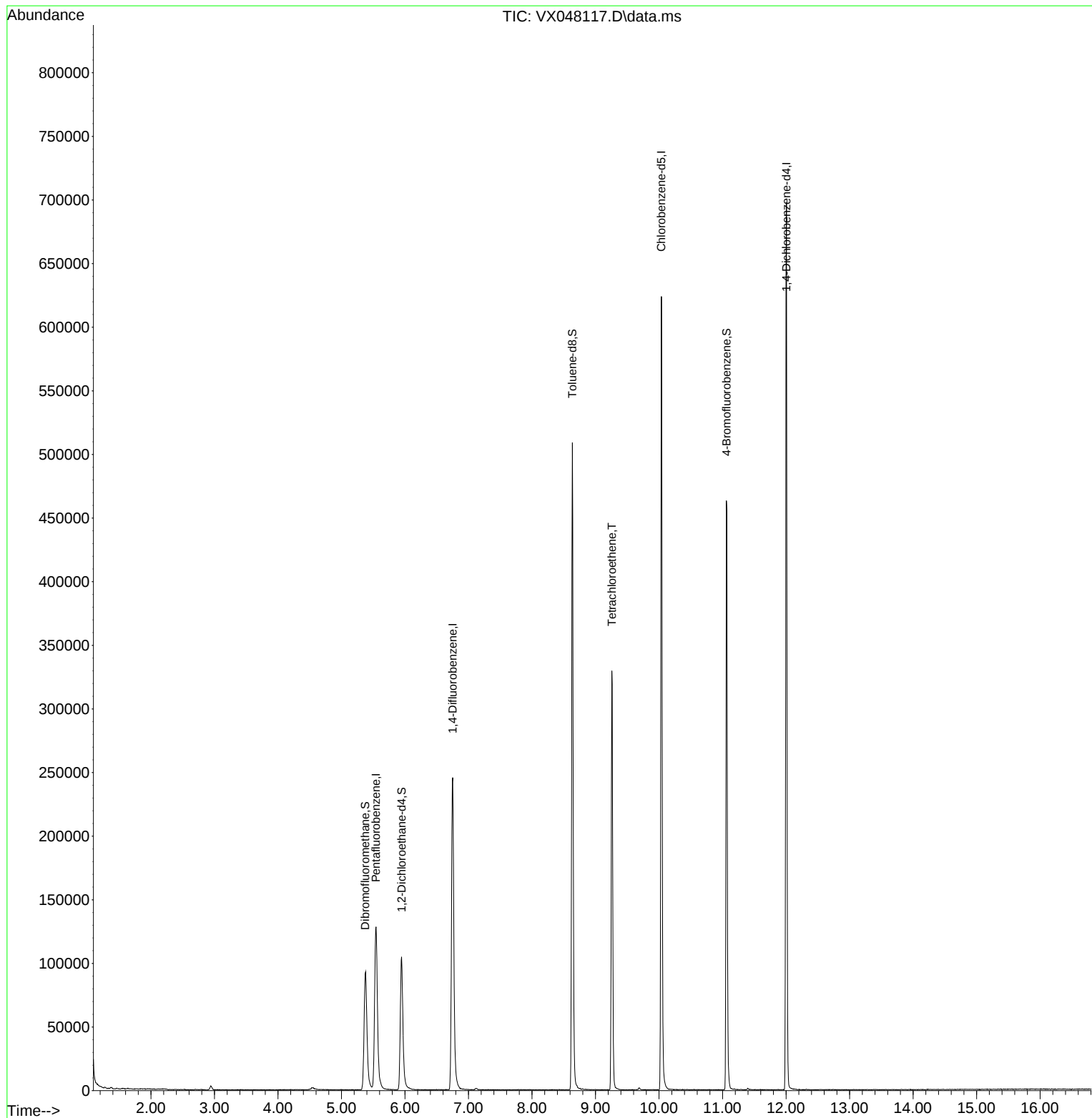
Internal Standards						
1) Pentafluorobenzene	5.544	168	127982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113607	55.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.540%	
35) Dibromofluoromethane	5.373	113	90402	50.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.635	98	303195	48.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.580%	
62) 4-Bromofluorobenzene	11.061	95	134619	57.080	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.160%	
Target Compounds						
64) Tetrachloroethene	9.256	164	63775	34.576	ug/l	Qvalue 99

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

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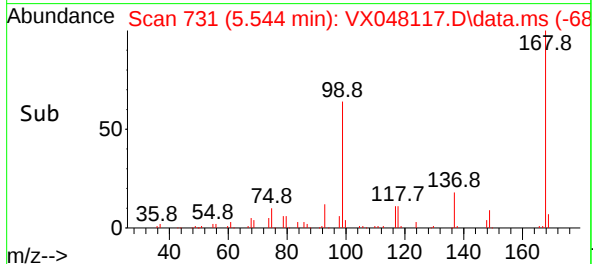
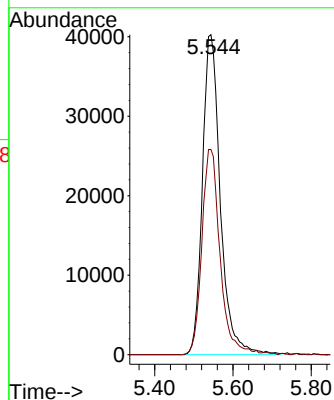
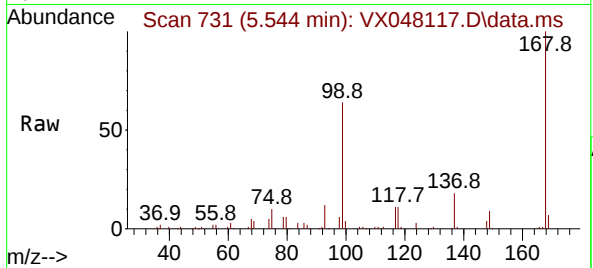




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

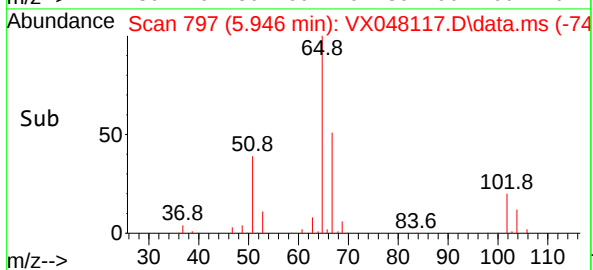
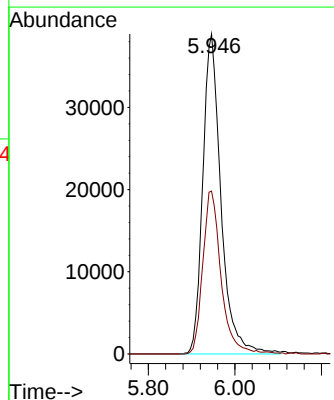
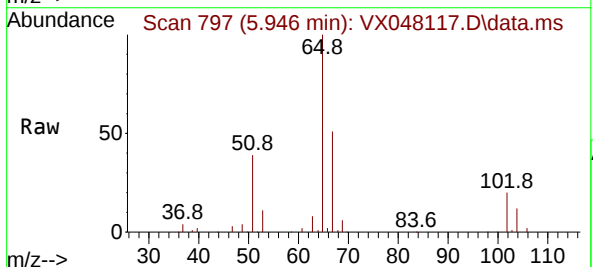
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:168 Resp: 127982
Ion Ratio Lower Upper
168 100
99 64.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.768 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 65 Resp: 113607
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

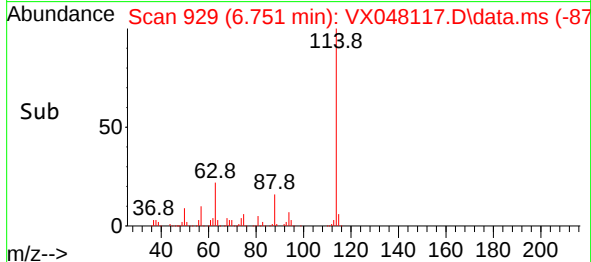
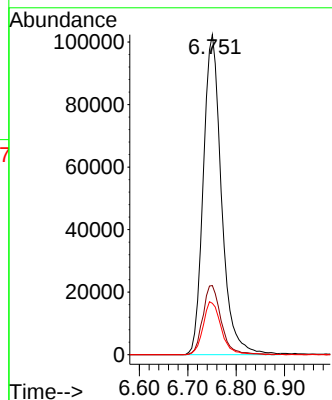
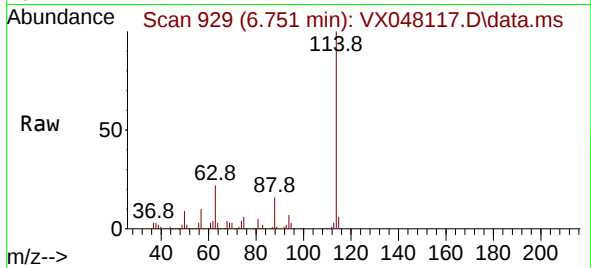




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

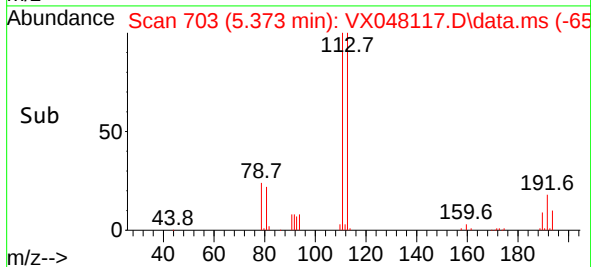
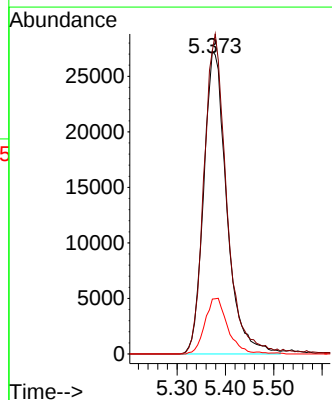
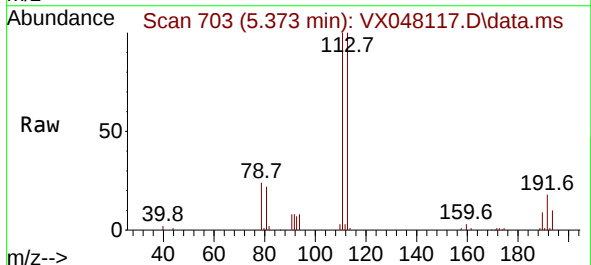
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion:114 Resp: 267787
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion:113 Resp: 90402
Ion Ratio Lower Upper
113 100
111 104.5 80.9 121.3
192 18.0 14.2 21.4

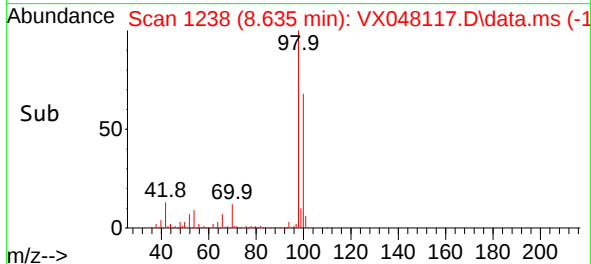
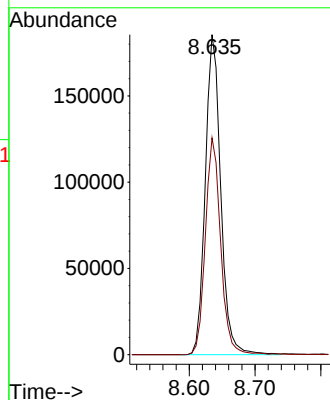
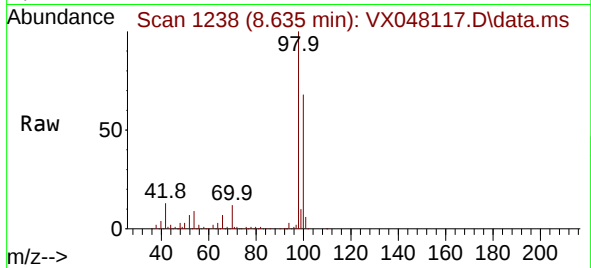




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

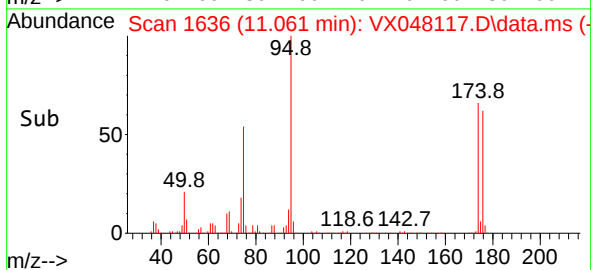
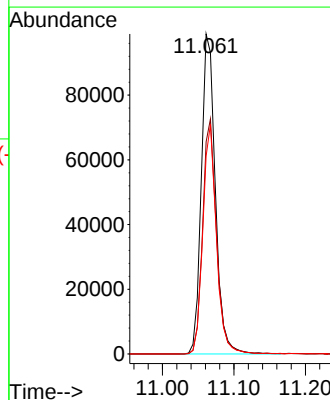
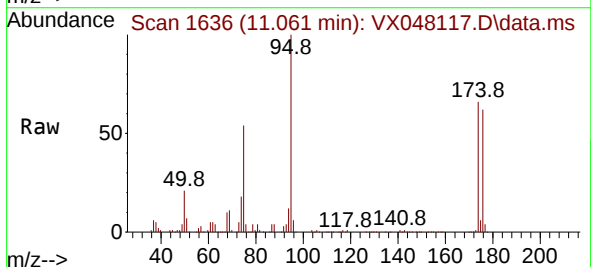
Instrument :
MSVOA_X
ClientSampleId :
MW-1SDL

Tgt Ion: 98 Resp: 303195
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.080 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048117.D
Acq: 10 Oct 2025 16:56

Tgt Ion: 95 Resp: 134619
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 69.7 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: VX048117.D

Acq: 10 Oct 2025 16:56

Instrument :

MSVOA_X

ClientSampleId :

MW-1SDL

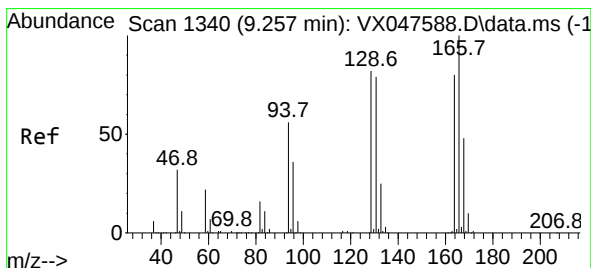
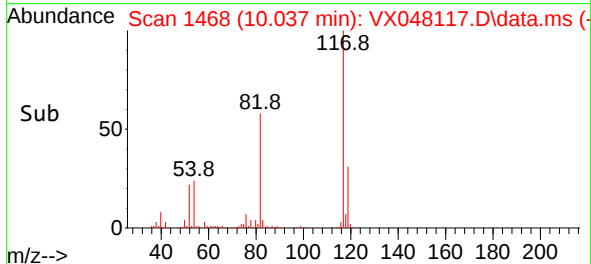
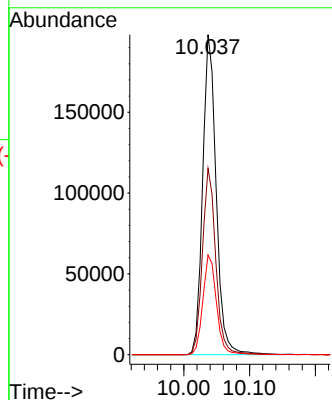
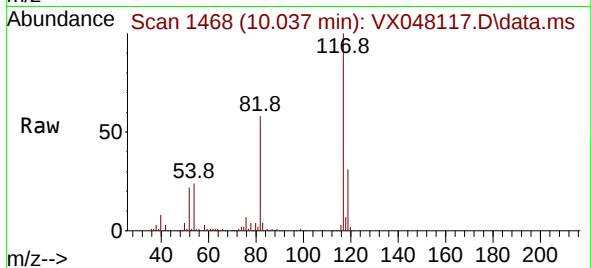
Tgt Ion:117 Resp: 282940

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 31.1 25.2 37.8



#64

Tetrachloroethene

Concen: 34.576 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048117.D

Acq: 10 Oct 2025 16:56

Tgt Ion:164 Resp: 63775

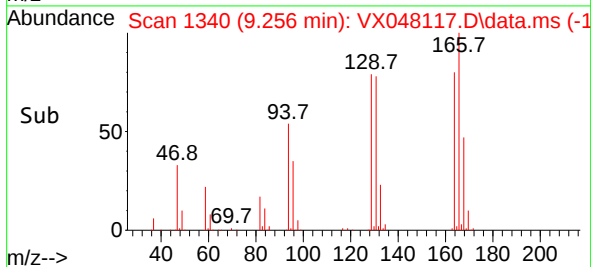
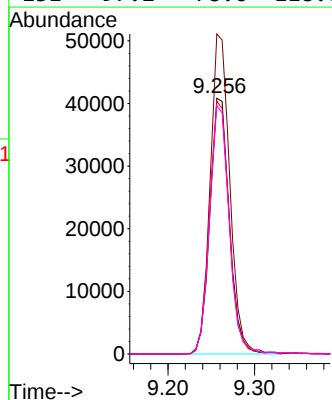
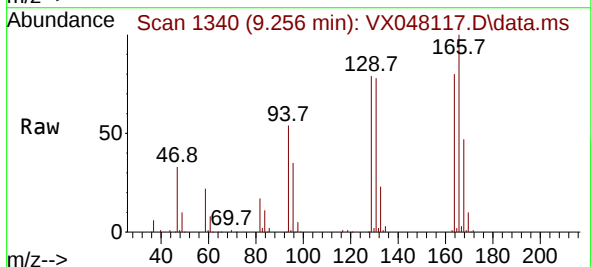
Ion Ratio Lower Upper

164 100

166 125.2 100.2 150.2

129 98.9 81.8 122.6

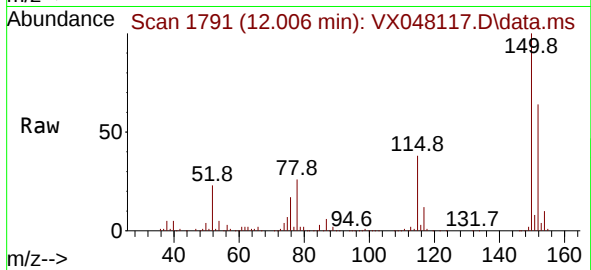
131 97.2 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048117.D
 Acq: 10 Oct 2025 16:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1SDL



Tgt Ion:152 Resp: 143470
 Ion Ratio Lower Upper
 152 100
 115 63.6 44.9 134.5
 150 157.7 0.0 352.0

