

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048118.D
 Acq On : 10 Oct 2025 17:16
 Operator : JC/MD
 Sample : Q3311-09DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-3DL

Quant Time: Oct 10 23:52:25 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)

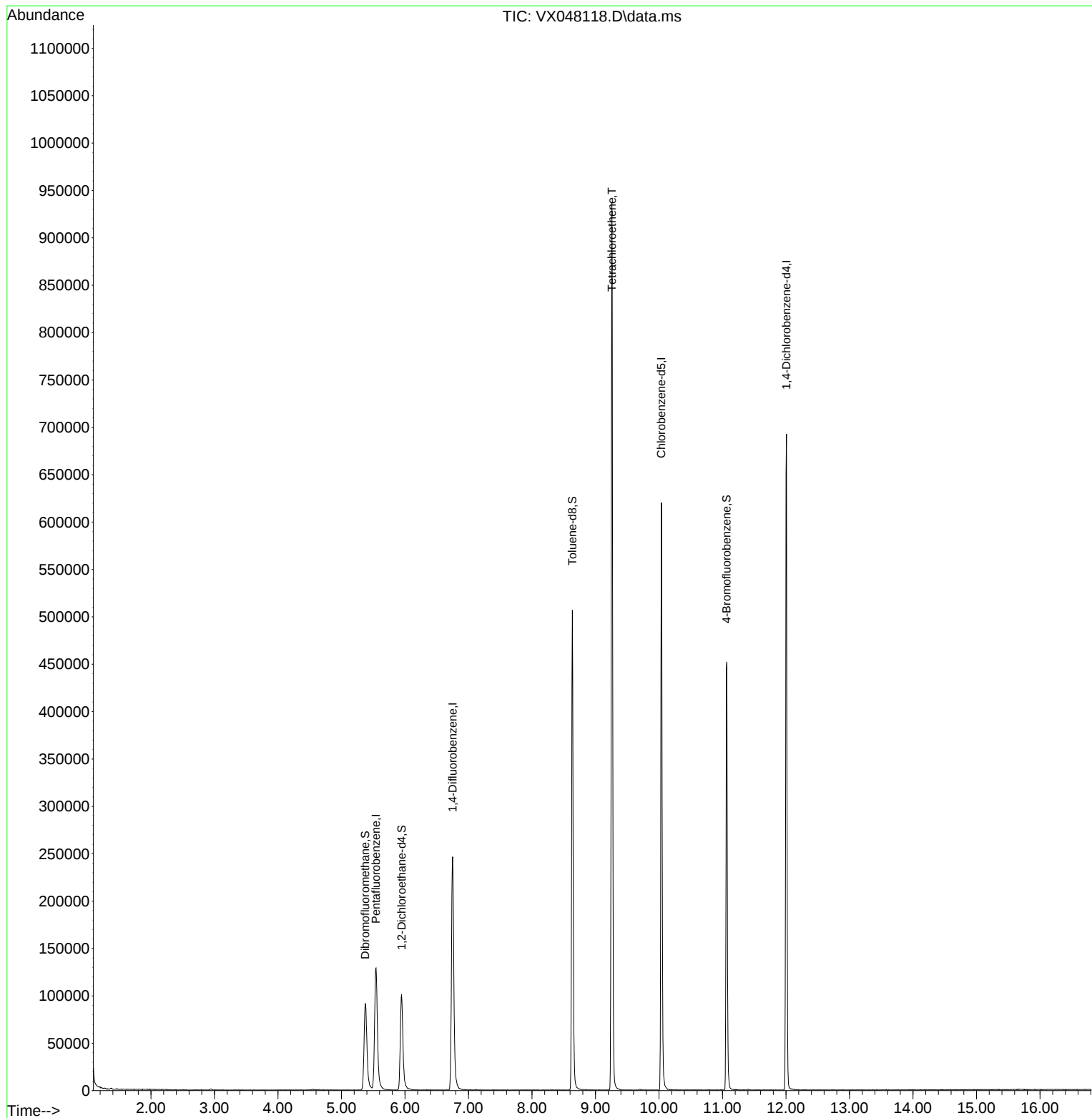
Internal Standards						
1) Pentafluorobenzene	5.544	168	130759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111045	53.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.700%	
35) Dibromofluoromethane	5.373	113	91307	50.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	8.635	98	308815	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	11.061	95	134626	56.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.280%	
Target Compounds						Qvalue
64) Tetrachloroethene	9.257	164	175208	94.443	ug/l	98

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

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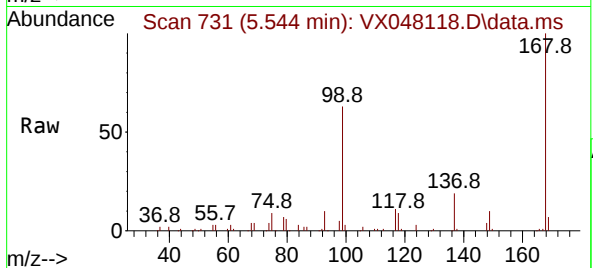
Quant Time: Oct 10 23:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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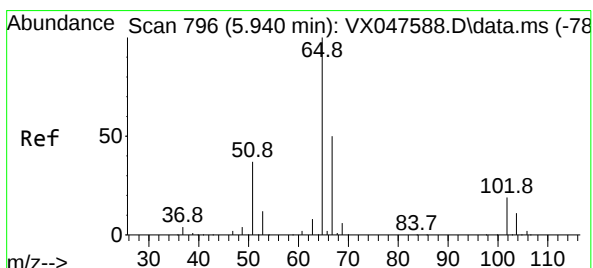
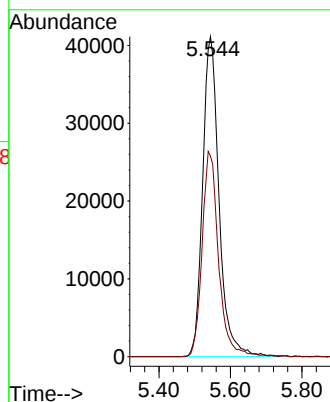
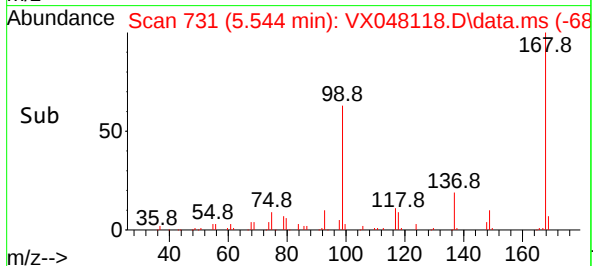


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

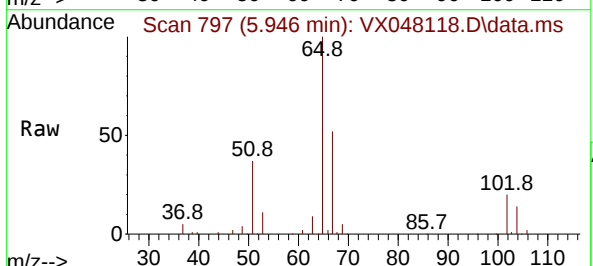
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL



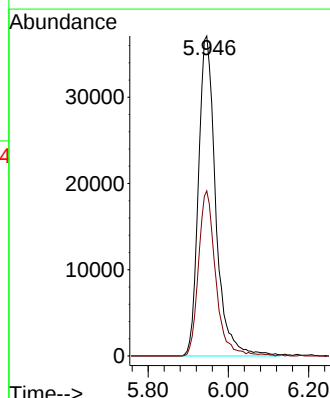
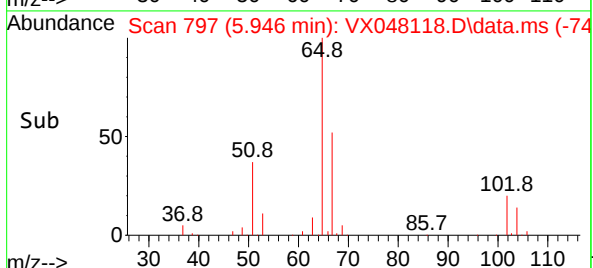
Tgt Ion:168 Resp: 130759
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.352 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16



Tgt Ion: 65 Resp: 111045
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0

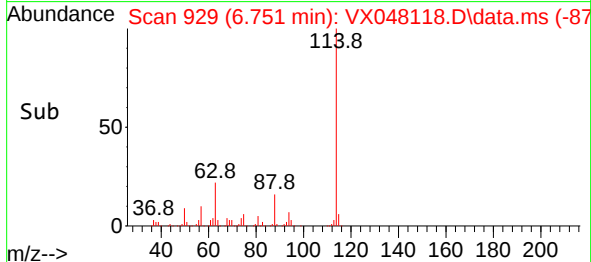
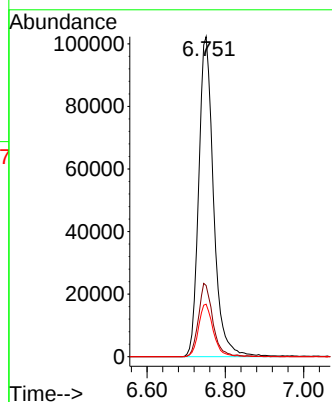
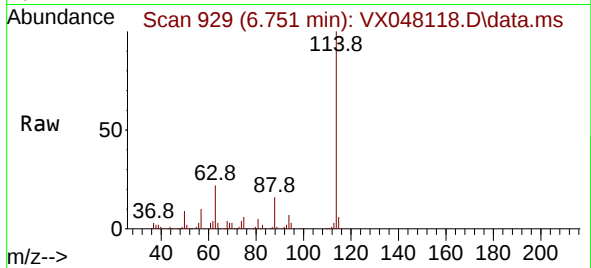




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

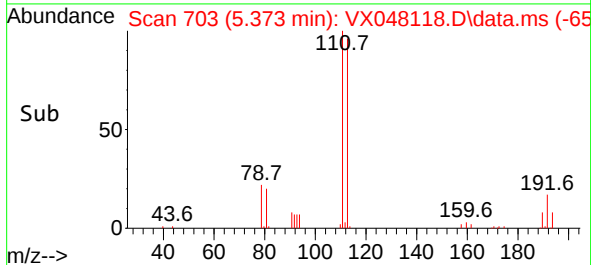
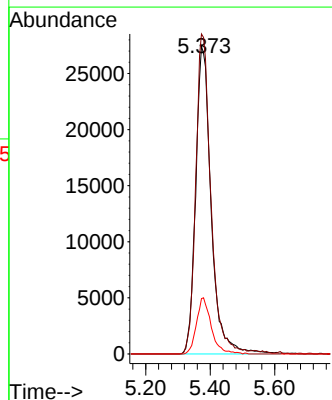
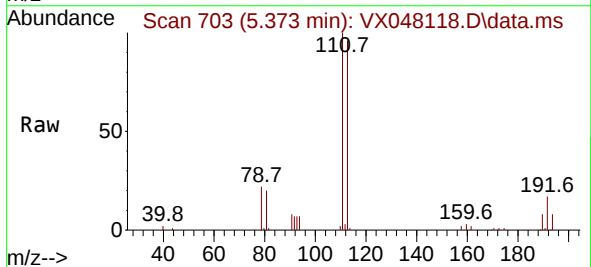
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion:114 Resp: 269905
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.442 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion:113 Resp: 91307
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 17.4 14.2 21.4

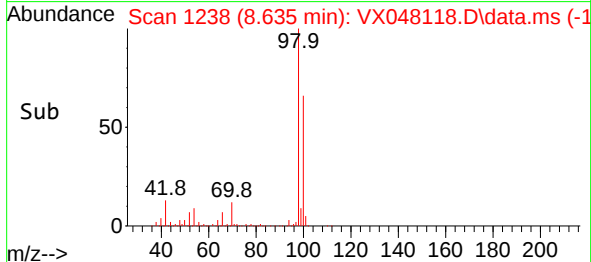
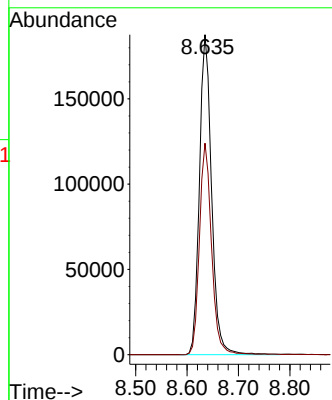
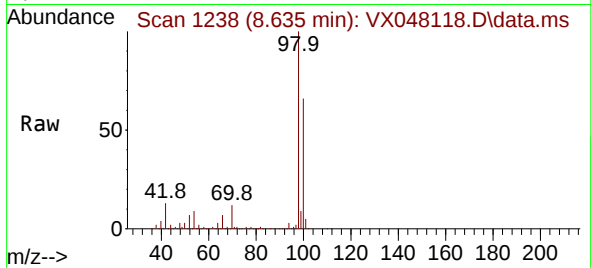




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

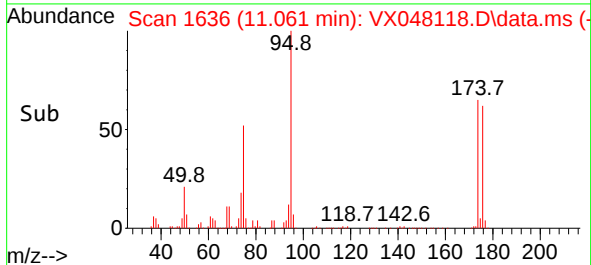
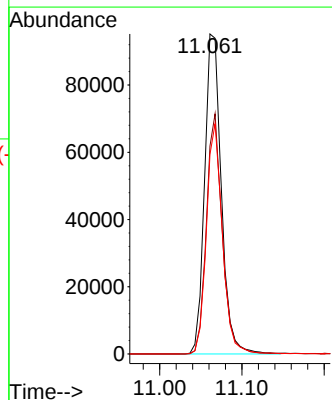
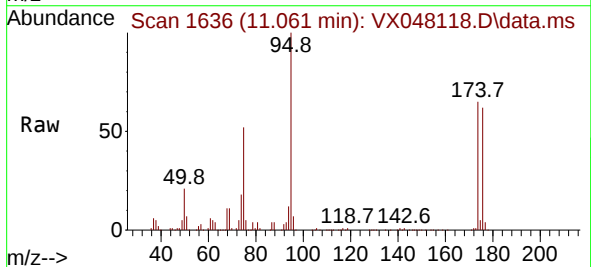
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion: 98 Resp: 308815
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.635 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 95 Resp: 134626
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.9 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: VX048118.D

Acq: 10 Oct 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

C-MW-3DL

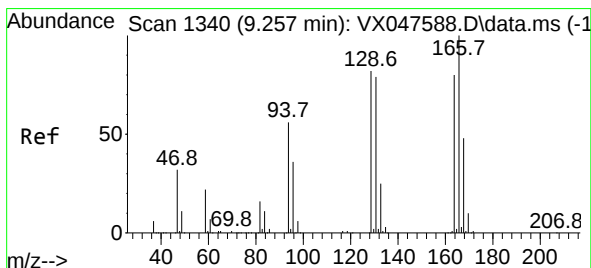
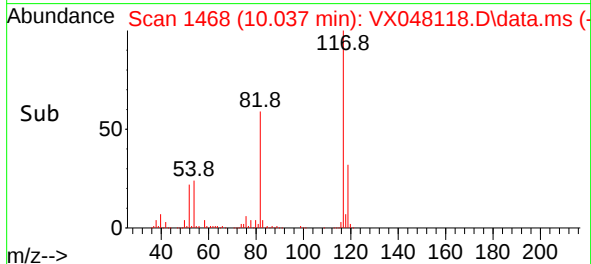
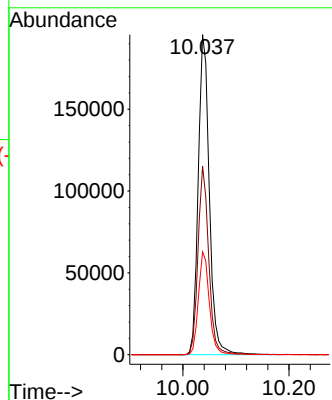
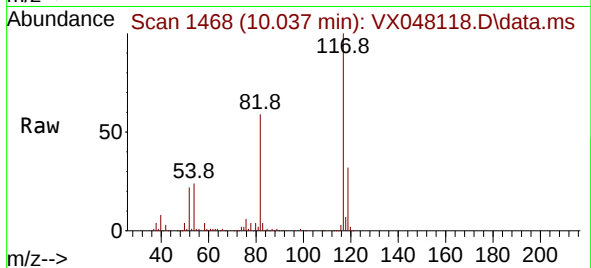
Tgt Ion:117 Resp: 284581

Ion Ratio Lower Upper

117 100

82 58.9 47.8 71.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 94.443 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

Tgt Ion:164 Resp: 175208

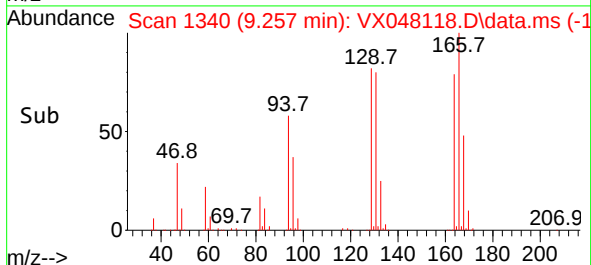
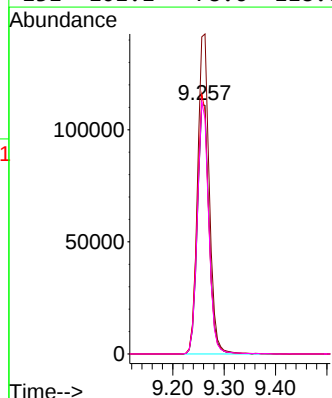
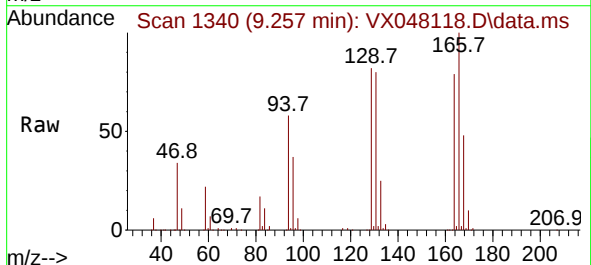
Ion Ratio Lower Upper

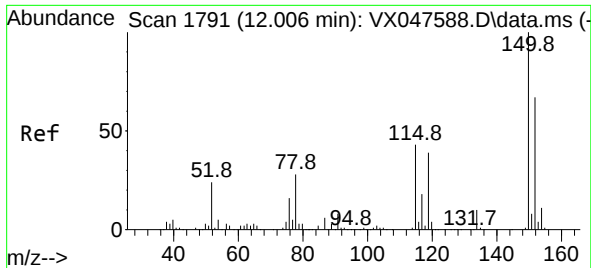
164 100

166 127.1 100.2 150.2

129 104.0 81.8 122.6

131 101.1 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: VX048118.D
 Acq: 10 Oct 2025 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-3DL

Tgt Ion:152 Resp: 145743
 Ion Ratio Lower Upper
 152 100
 115 60.9 44.9 134.5
 150 156.5 0.0 352.0

