

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048138.D
 Acq On : 13 Oct 2025 13:47
 Operator : JC/MD
 Sample : Q3311-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215DDL

Quant Time: Oct 14 01:54:24 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)

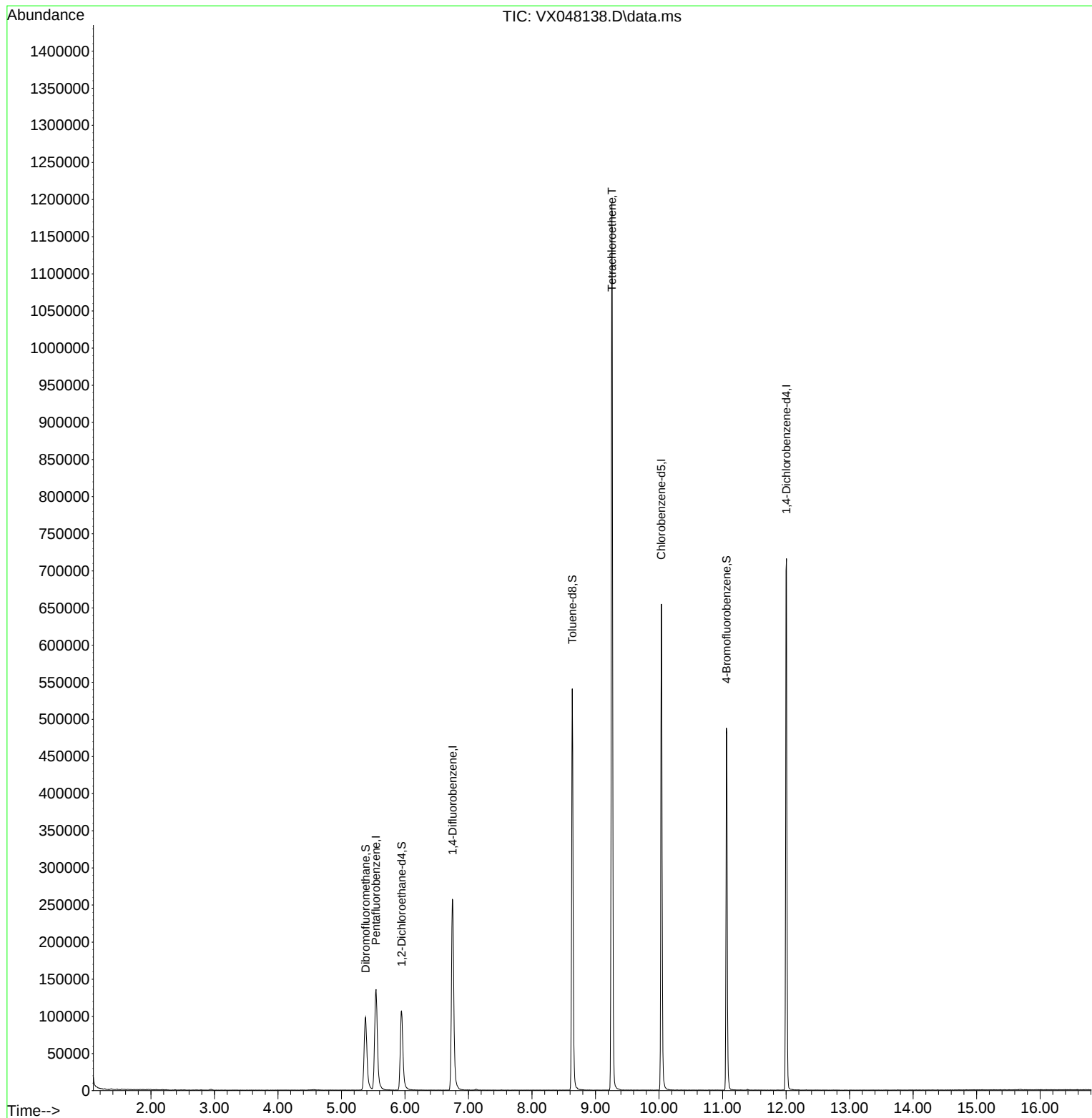
Internal Standards						
1) Pentafluorobenzene	5.544	168	135078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	281533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	297384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	150578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117332	54.570	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.140%	
35) Dibromofluoromethane	5.379	113	94206	49.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.780%	
50) Toluene-d8	8.635	98	324424	49.657	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.320%	
62) 4-Bromofluorobenzene	11.061	95	139992	56.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.920%	
Target Compounds						
64) Tetrachloroethene	9.257	164	222499	114.771	ug/l	Qvalue 99

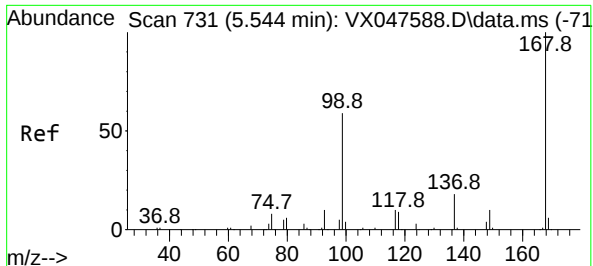
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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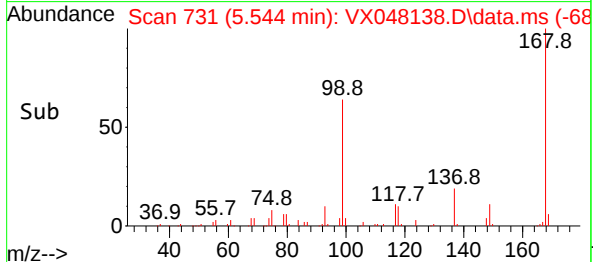
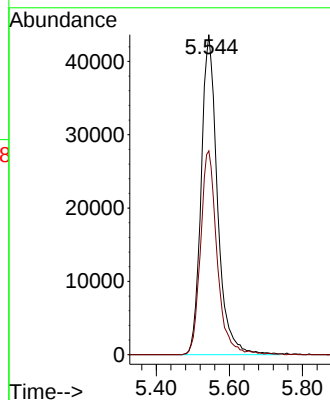
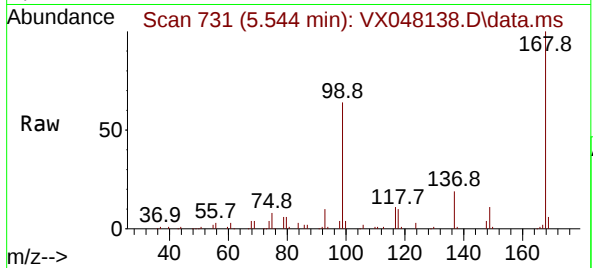




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

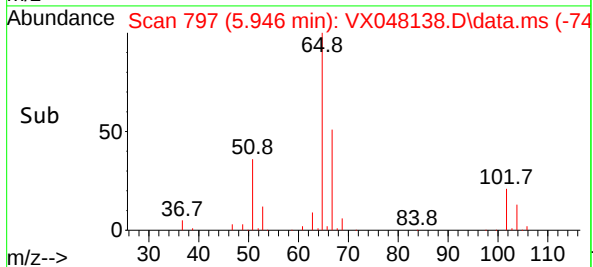
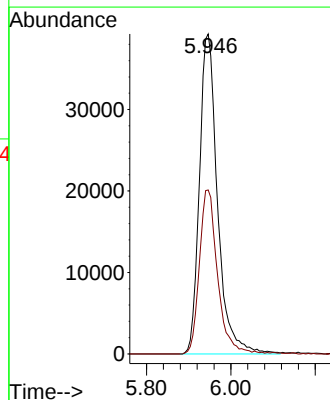
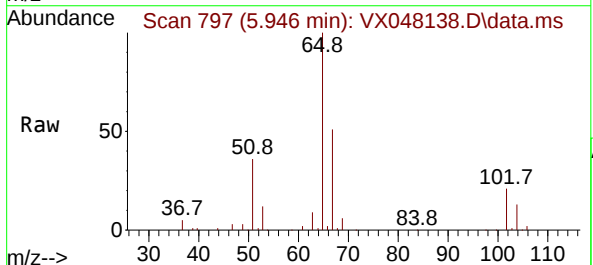
Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

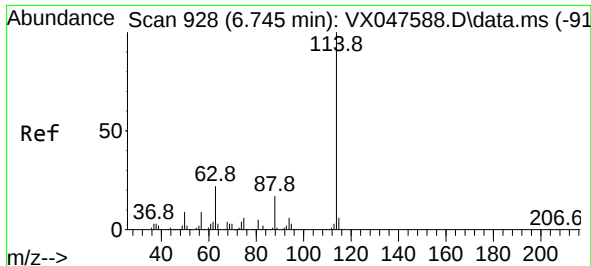
Tgt Ion:168 Resp: 135078
Ion Ratio Lower Upper
168 100
99 63.7 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.570 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

Tgt Ion: 65 Resp: 117332
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

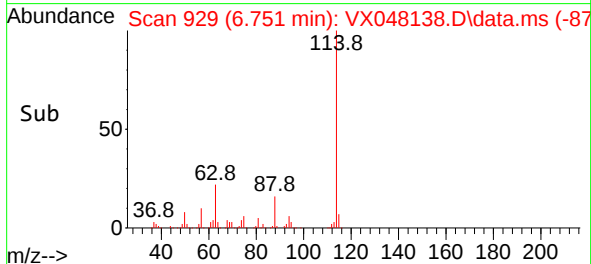
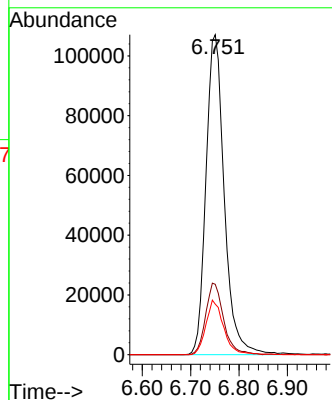
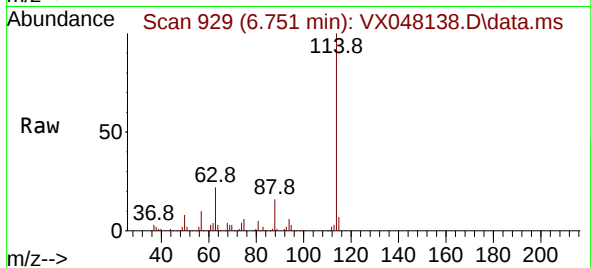




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

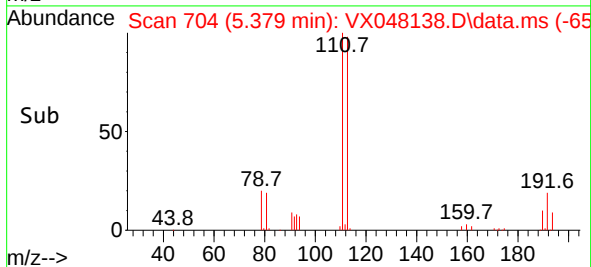
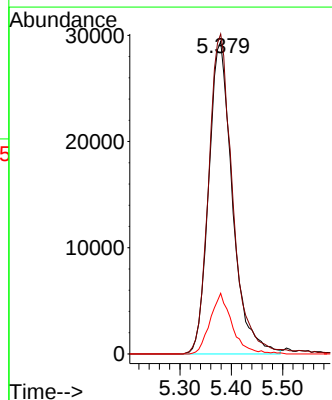
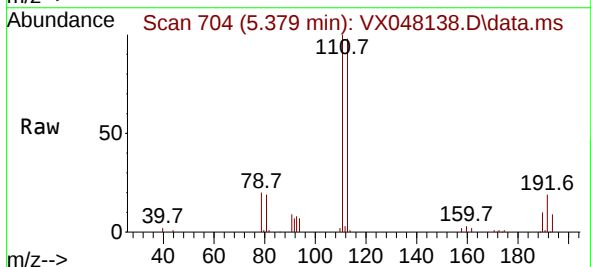
Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion:114 Resp: 281533
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.894 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

Tgt Ion:113 Resp: 94206
Ion Ratio Lower Upper
113 100
111 103.8 80.9 121.3
192 18.1 14.2 21.4

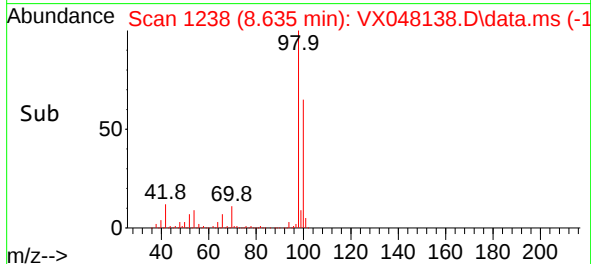
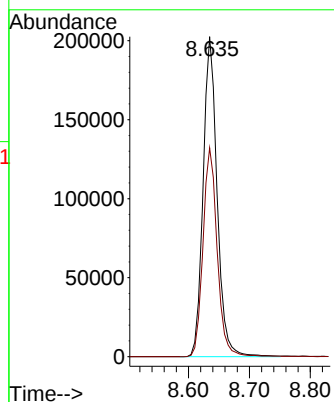
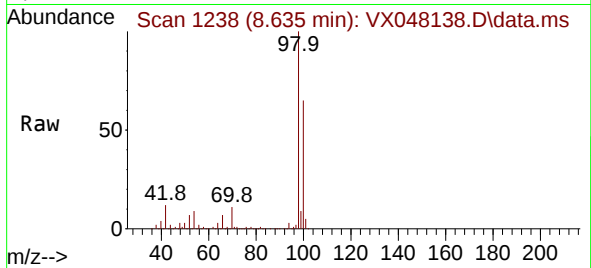




#50
Toluene-d8
Concen: 49.657 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

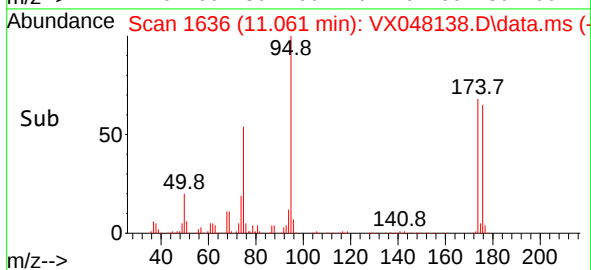
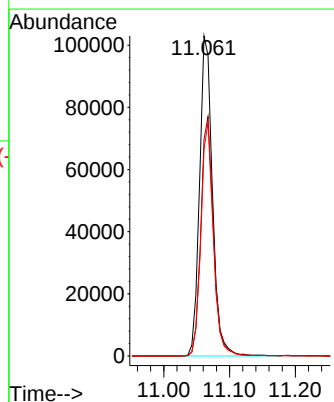
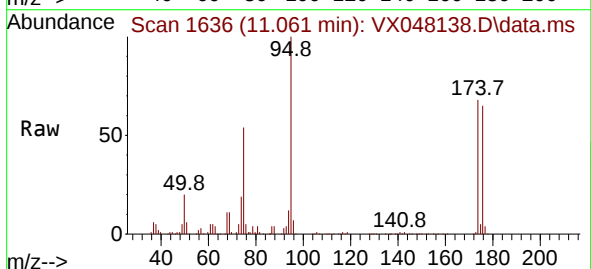
Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion: 98 Resp: 324424
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.460 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048138.D
Acq: 13 Oct 2025 13:47

Tgt Ion: 95 Resp: 139992
Ion Ratio Lower Upper
95 100
174 73.7 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: VX048138.D

Acq: 13 Oct 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

MW-215DDL

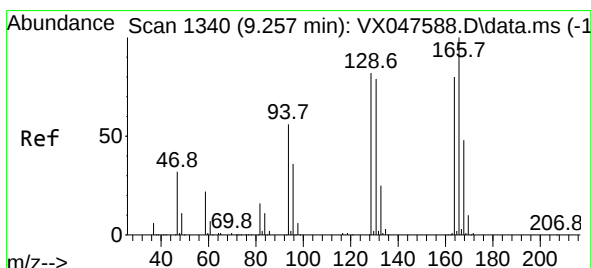
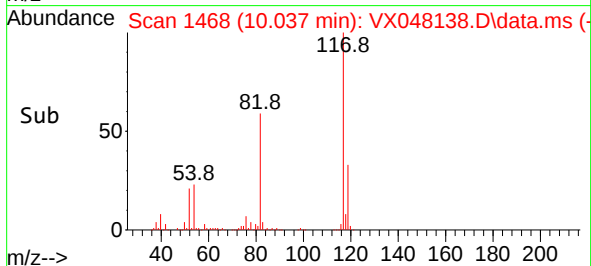
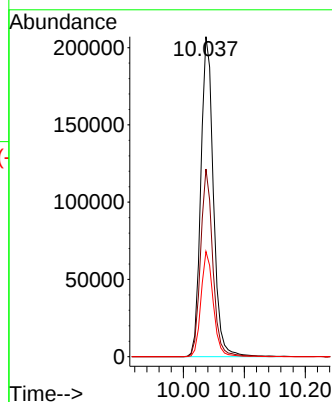
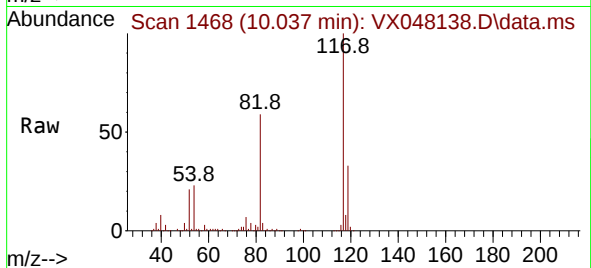
Tgt Ion:117 Resp: 297384

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.6

119 32.8 25.2 37.8



#64

Tetrachloroethene

Concen: 114.771 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048138.D

Acq: 13 Oct 2025 13:47

Tgt Ion:164 Resp: 222499

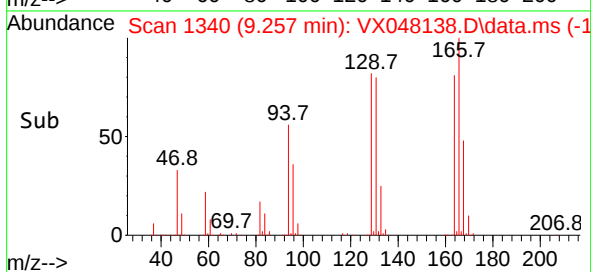
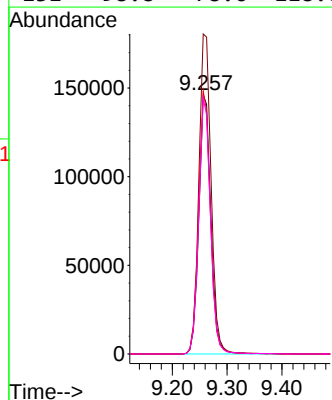
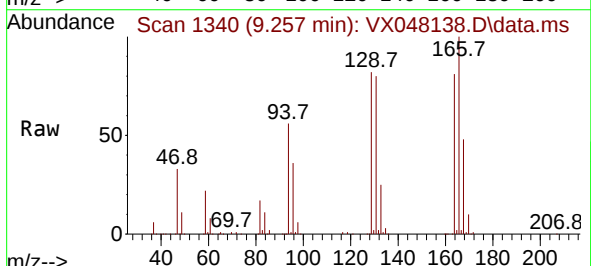
Ion Ratio Lower Upper

164 100

166 123.5 100.2 150.2

129 101.5 81.8 122.6

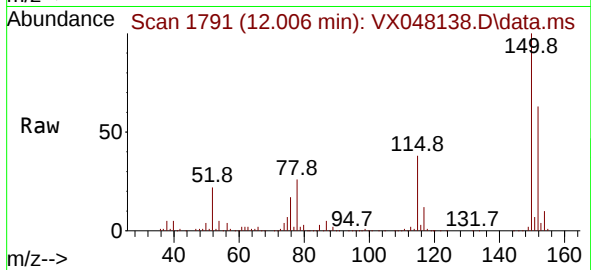
131 98.8 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048138.D
 Acq: 13 Oct 2025 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215DDL



Tgt Ion:152 Resp: 150578
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.9 134.5
 150 159.3 0.0 352.0

