

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048158.D
 Acq On : 14 Oct 2025 12:28
 Operator : JC/MD
 Sample : Q3311-13DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215DDL

Quant Time: Oct 15 02:42:23 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)

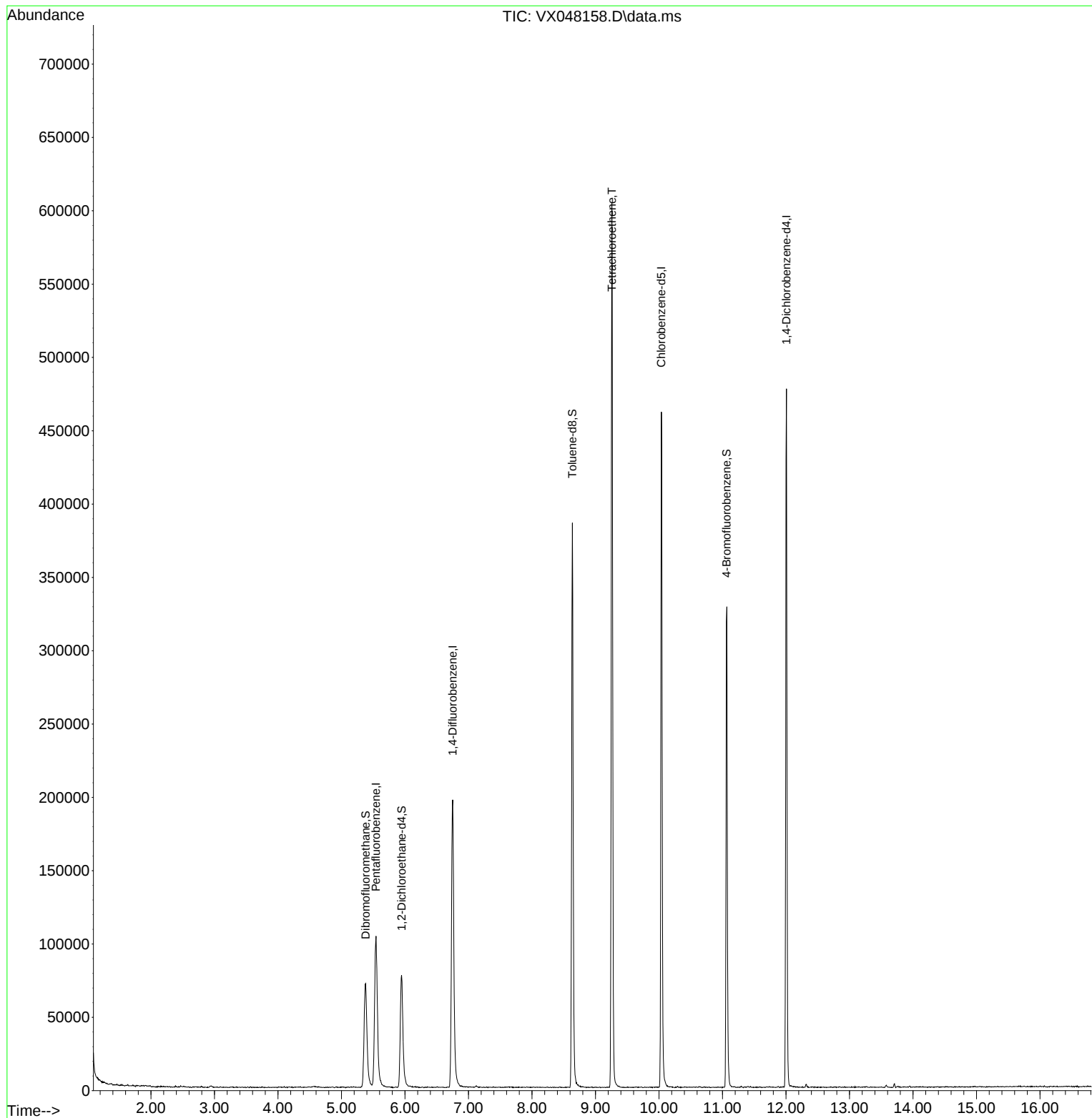
Internal Standards						
1) Pentafluorobenzene	5.544	168	103382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	217778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	217224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83870	50.967	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.940%
35) Dibromofluoromethane	5.379	113	69385	47.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.020%
50) Toluene-d8	8.635	98	237059	46.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.820%
62) 4-Bromofluorobenzene	11.061	95	98145	51.171	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.340%
Target Compounds						
64) Tetrachloroethene	9.257	164	113711	80.300	ug/l	Qvalue 98

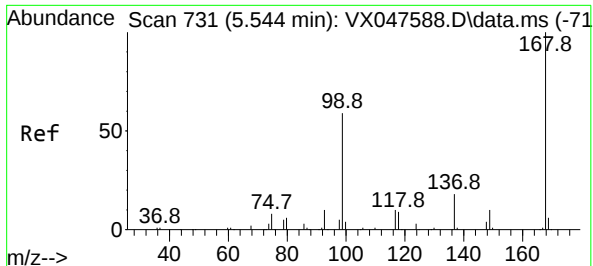
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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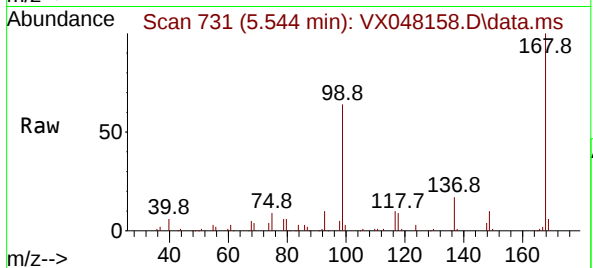
Quant Time: Oct 15 02:42:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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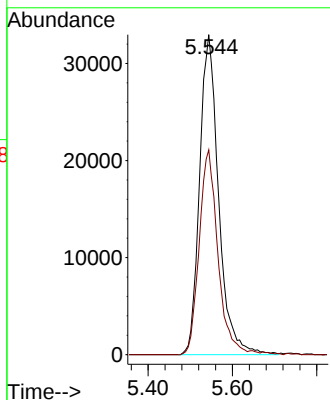
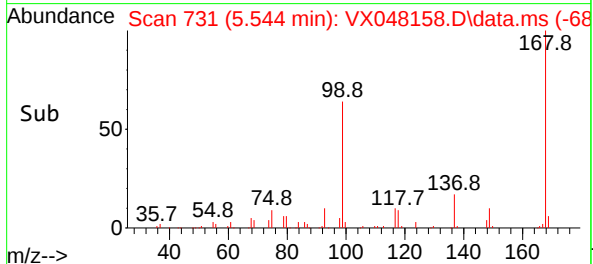


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

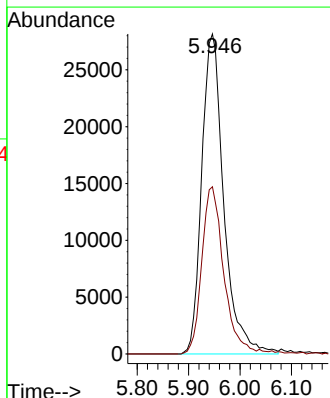
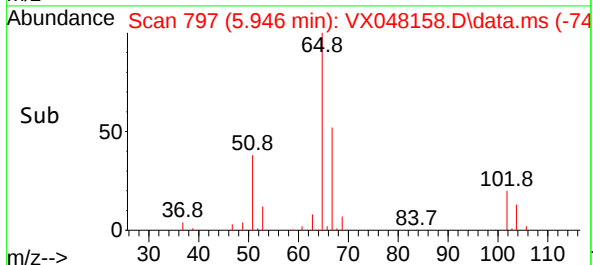
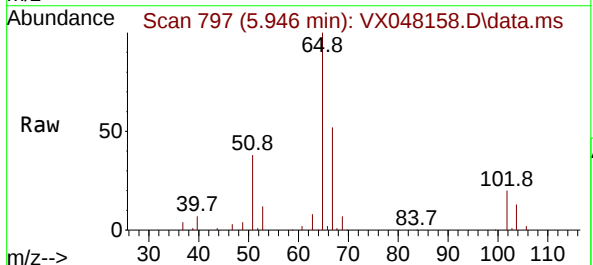


Tgt Ion:168 Resp: 103382
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 50.967 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion: 65 Resp: 83870
Ion Ratio Lower Upper
65 100
67 52.1 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: VX048158.D

Acq: 14 Oct 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

MW-215DDL

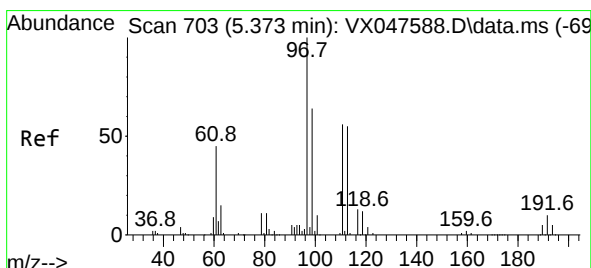
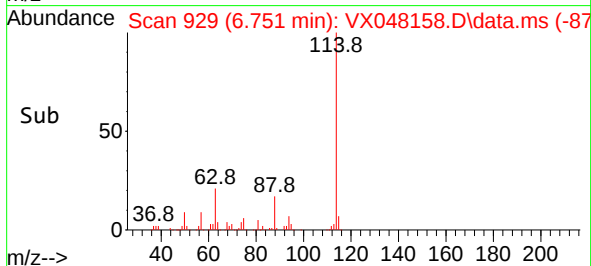
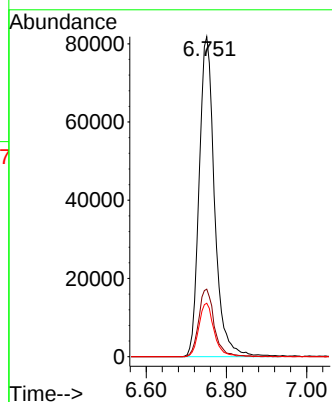
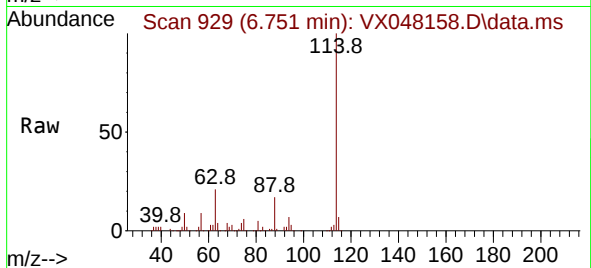
Tgt Ion:114 Resp: 217778

Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.0

88 16.7 0.0 34.2



#35

Dibromofluoromethane

Concen: 47.506 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX048158.D

Acq: 14 Oct 2025 12:28

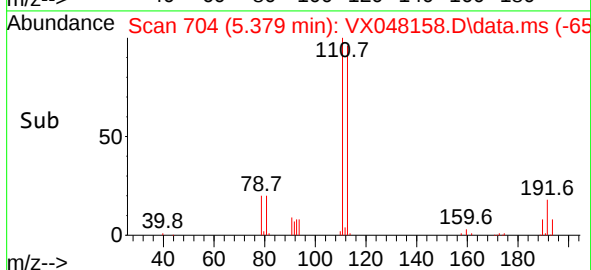
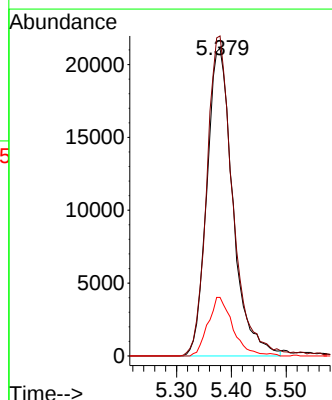
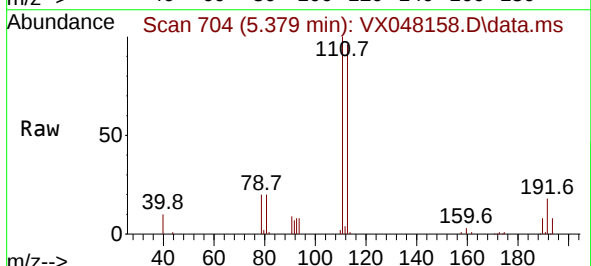
Tgt Ion:113 Resp: 69385

Ion Ratio Lower Upper

113 100

111 104.0 80.9 121.3

192 18.3 14.2 21.4

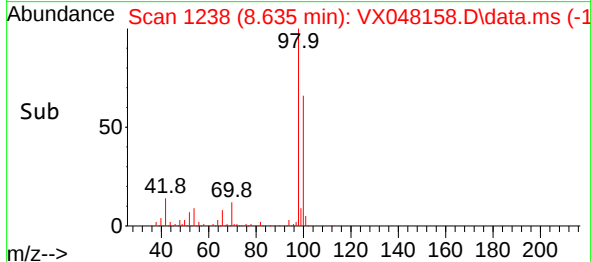
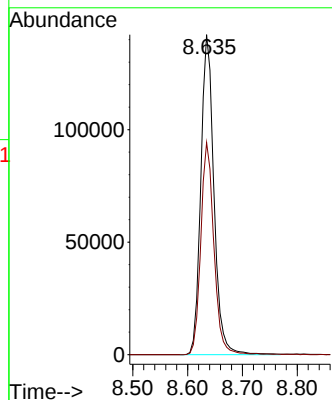
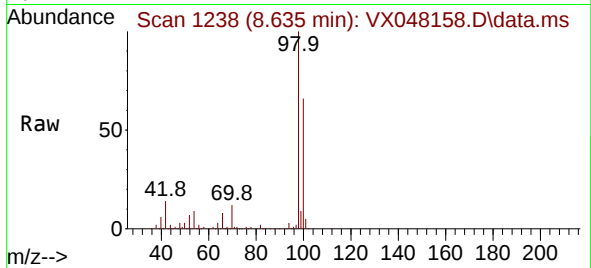




#50
Toluene-d8
Concen: 46.908 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

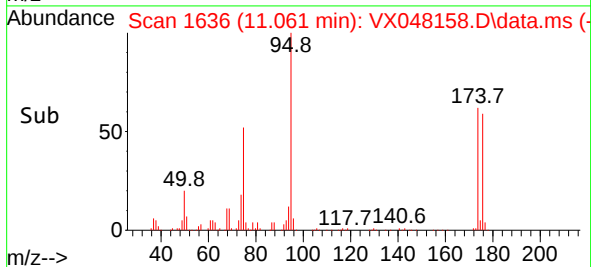
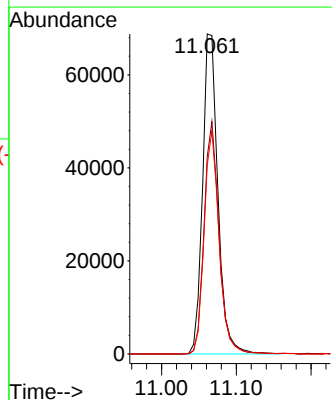
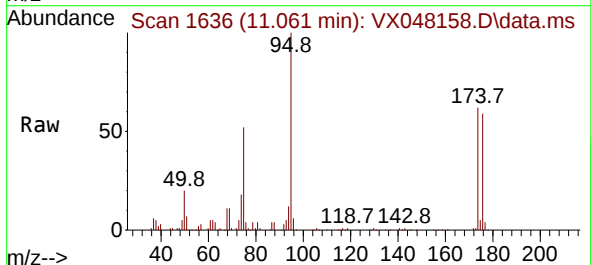
Instrument :
MSVOA_X
ClientSampleId :
MW-215DDL

Tgt Ion: 98 Resp: 237059
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.171 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048158.D
Acq: 14 Oct 2025 12:28

Tgt Ion: 95 Resp: 98145
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 68.1 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: VX048158.D

Acq: 14 Oct 2025 12:28

Instrument :

MSVOA_X

ClientSampleId :

MW-215DDL

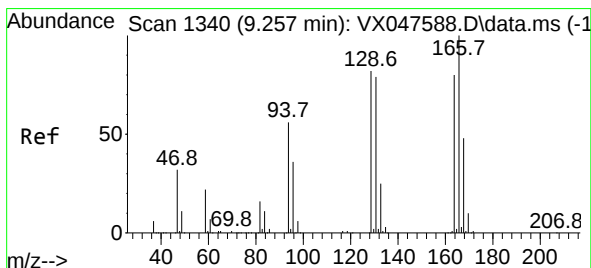
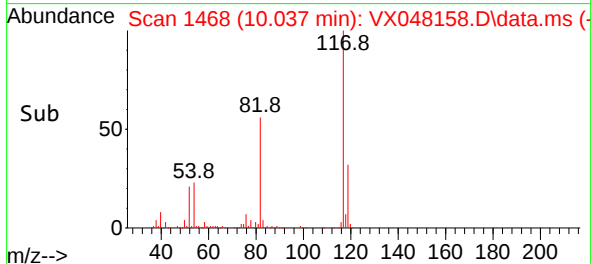
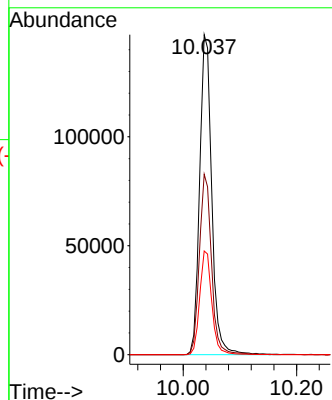
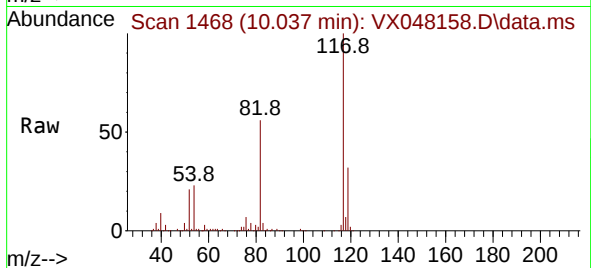
Tgt Ion:117 Resp: 217224

Ion Ratio Lower Upper

117 100

82 56.4 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 80.300 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048158.D

Acq: 14 Oct 2025 12:28

Tgt Ion:164 Resp: 113711

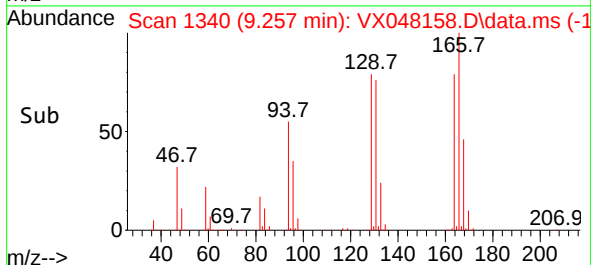
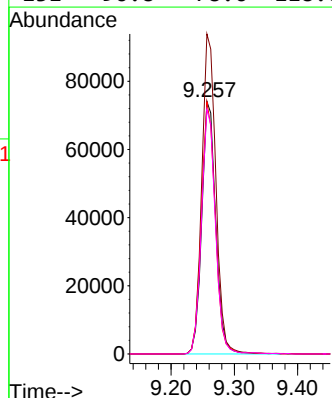
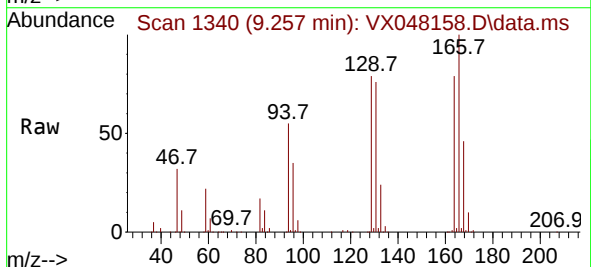
Ion Ratio Lower Upper

164 100

166 126.7 100.2 150.2

129 99.8 81.8 122.6

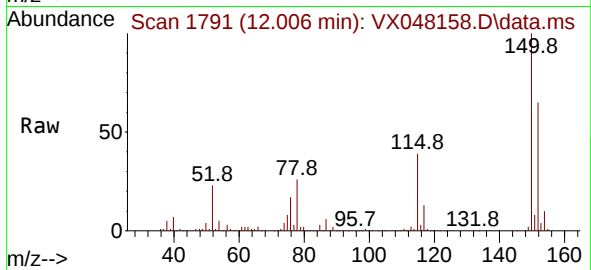
131 96.8 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048158.D
 Acq: 14 Oct 2025 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215DDL



Tgt Ion:152 Resp: 99280
 Ion Ratio Lower Upper
 152 100
 115 62.0 44.9 134.5
 150 155.9 0.0 352.0

