

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048121.D
 Acq On : 10 Oct 2025 18:18
 Operator : JC/MD
 Sample : Q3311-13 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215D

Quant Time: Oct 10 23:53:49 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)

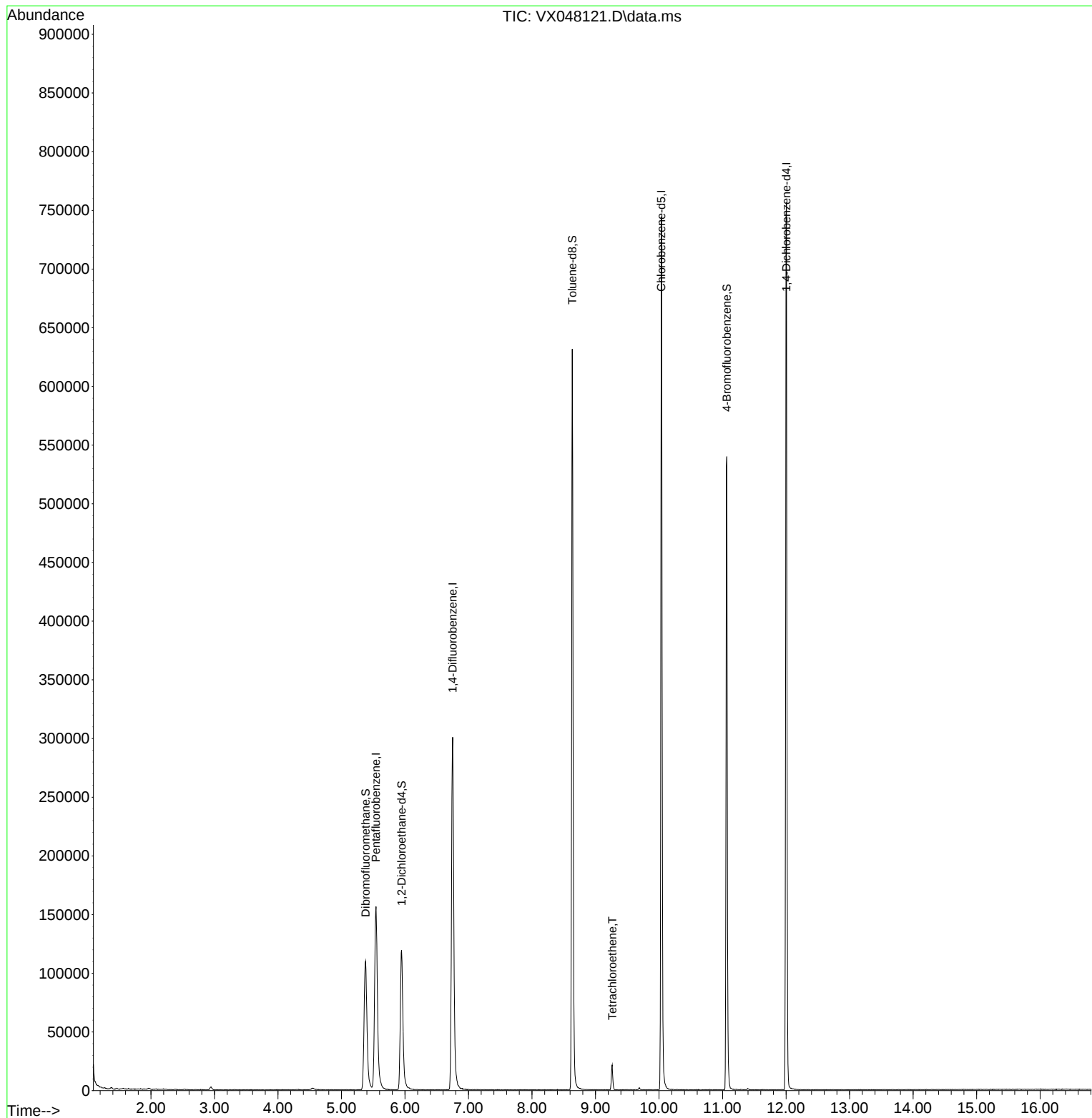
Internal Standards						
1) Pentafluorobenzene	5.544	168	156429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	329728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	158206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	127898	51.366	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.740%
35) Dibromofluoromethane	5.379	113	107990	49.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.635	98	375661	49.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.067	95	157264	55.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%
Target Compounds						Qvalue
64) Tetrachloroethene	9.262	164	4243	1.974	ug/l	97

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

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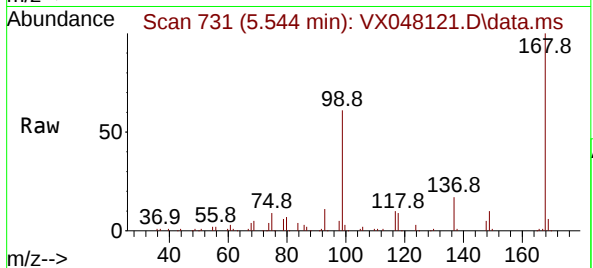
Quant Time: Oct 10 23:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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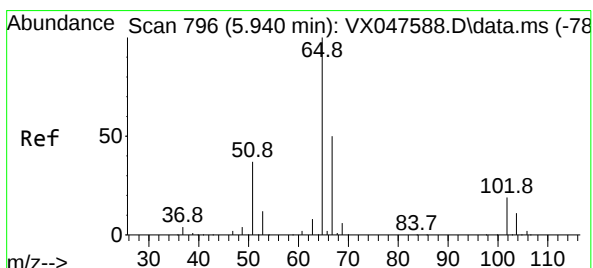
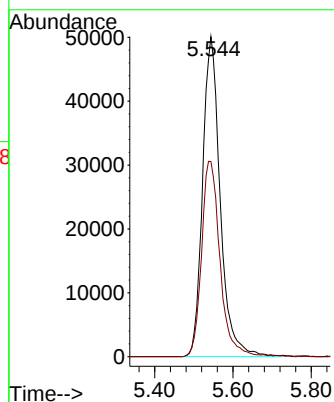
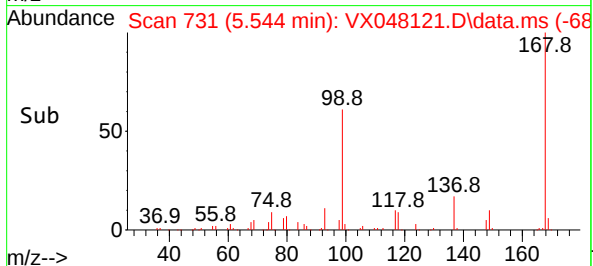


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

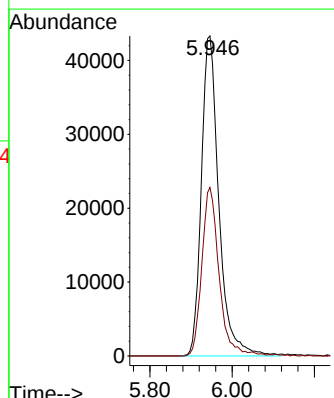
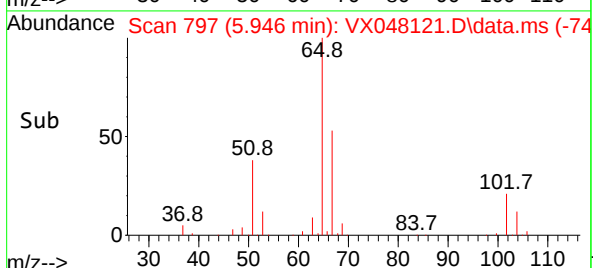
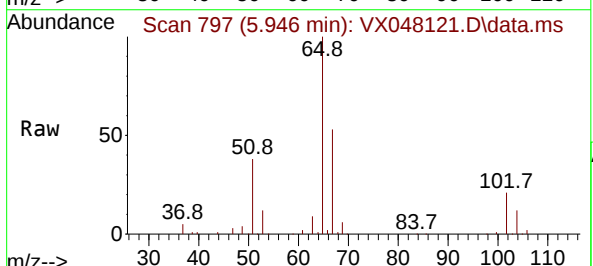


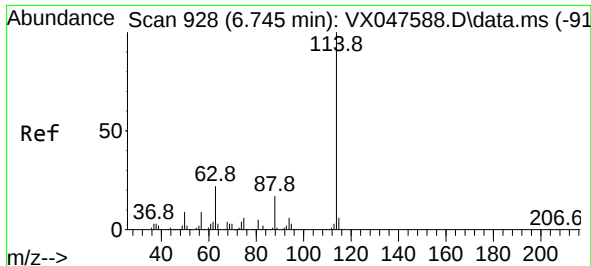
Tgt Ion:168 Resp: 156429
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 51.366 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 65 Resp: 127898
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

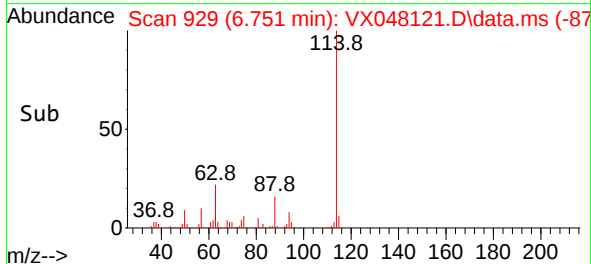
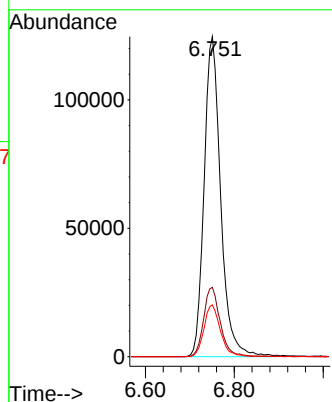
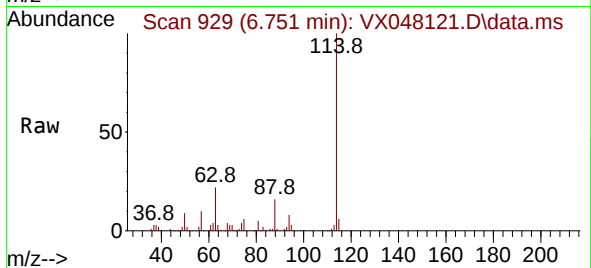




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

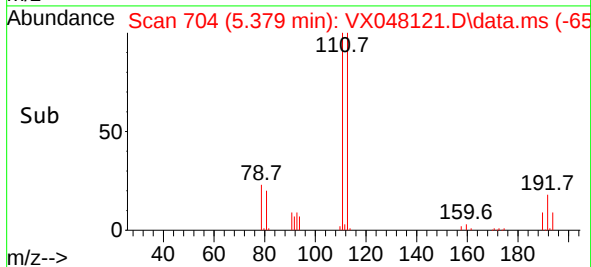
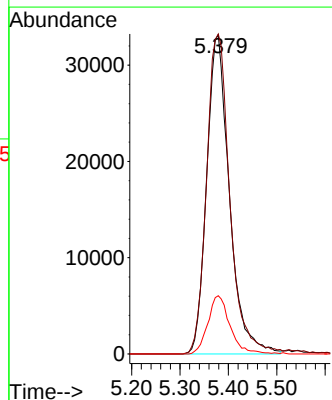
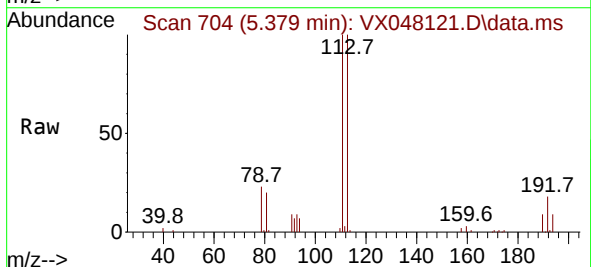
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion:114 Resp: 323973
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion:113 Resp: 107990
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.9 14.2 21.4

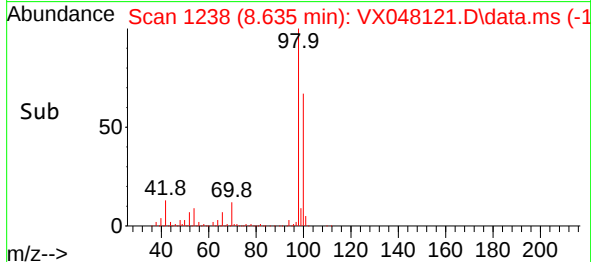
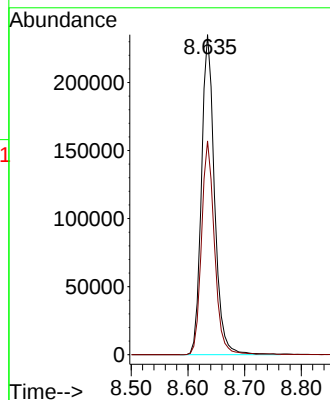
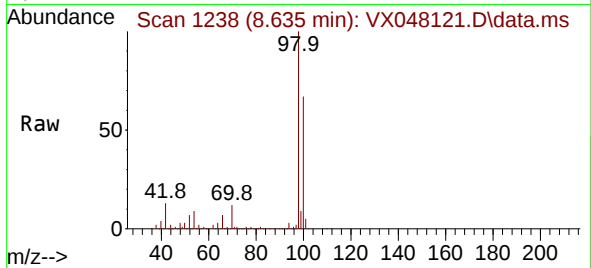




#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

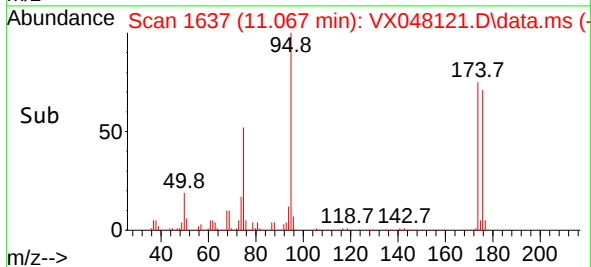
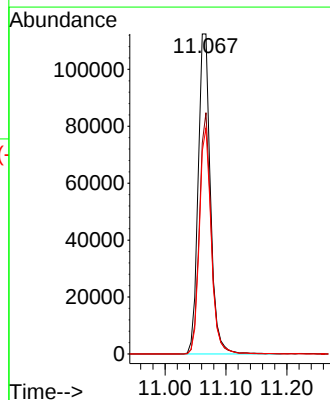
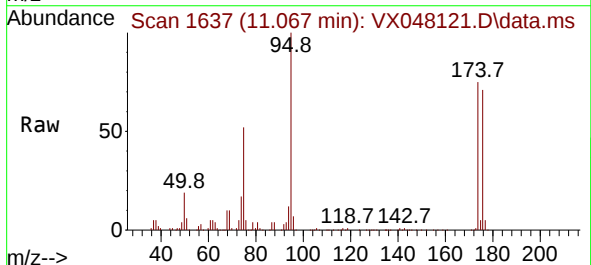
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

Tgt Ion: 98 Resp: 375661
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.117 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 95 Resp: 157264
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 68.3 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: VX048121.D

Acq: 10 Oct 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-215D

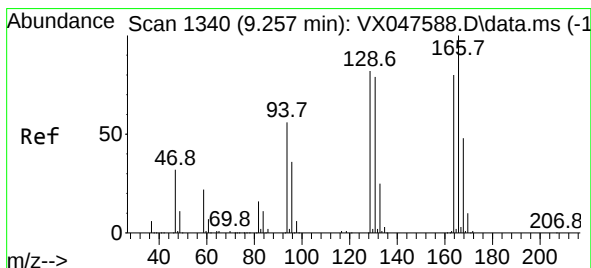
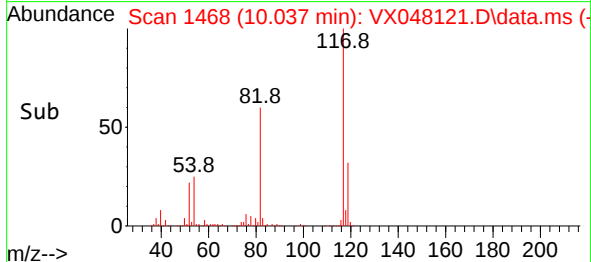
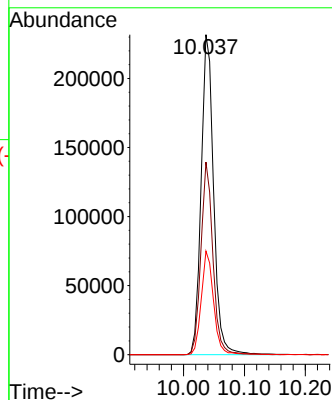
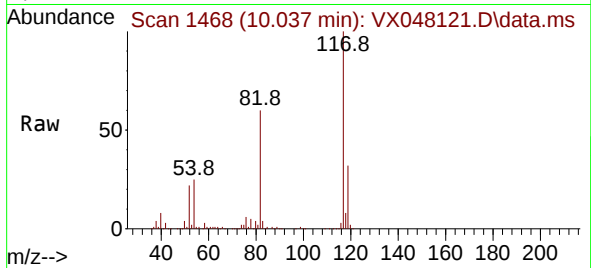
Tgt Ion:117 Resp: 329728

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 1.974 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048121.D

Acq: 10 Oct 2025 18:18

Tgt Ion:164 Resp: 4243

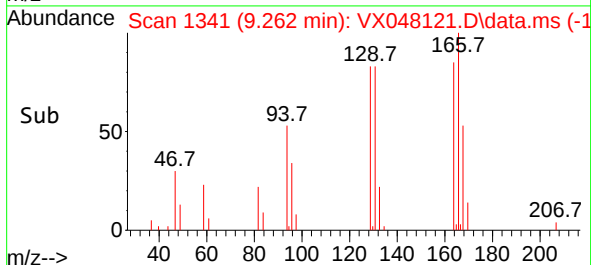
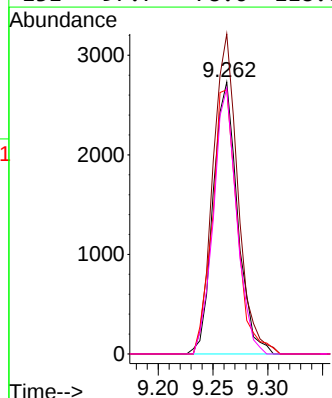
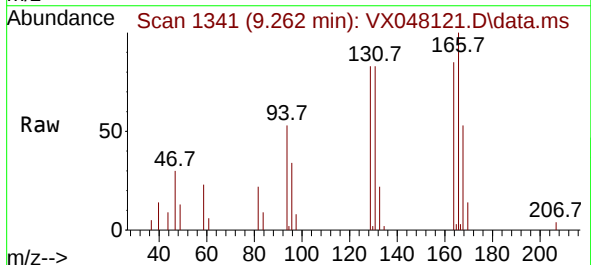
Ion Ratio Lower Upper

164 100

166 120.8 100.2 150.2

129 97.1 81.8 122.6

131 97.7 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: VX048121.D

Acq: 10 Oct 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-215D

Tgt Ion:152 Resp: 158206

Ion Ratio Lower Upper

152 100

115 64.0 44.9 134.5

150 161.7 0.0 352.0

