

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048096.D
 Acq On : 09 Oct 2025 18:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:29:49 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)

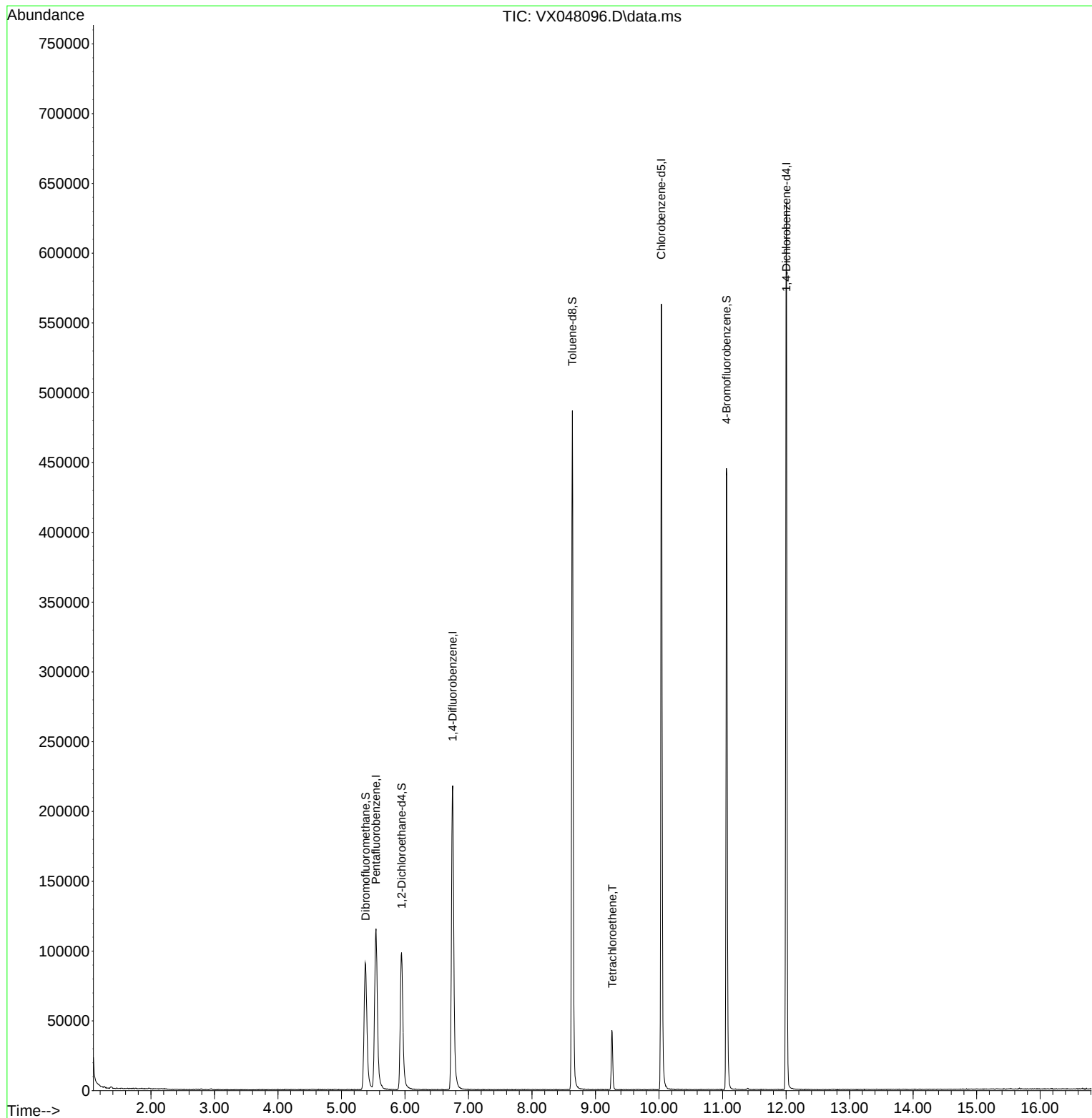
Internal Standards						
1) Pentafluorobenzene	5.544	168	114846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	237992	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	253901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110028	60.188	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 120.380%#	
35) Dibromofluoromethane	5.379	113	89399	56.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.020%	
50) Toluene-d8	8.635	98	300582	54.425	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.860%	
62) 4-Bromofluorobenzene	11.061	95	131566	62.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 125.540%#	
Target Compounds						
64) Tetrachloroethene	9.262	164	8463	5.113	ug/l	Qvalue 94

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

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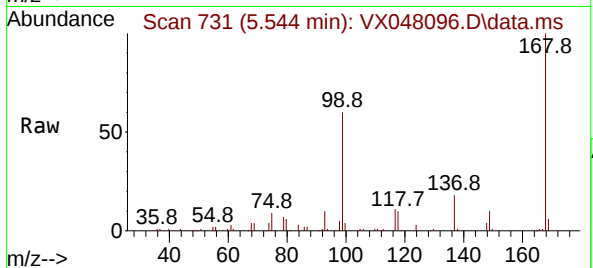
Quant Time: Oct 10 01:29:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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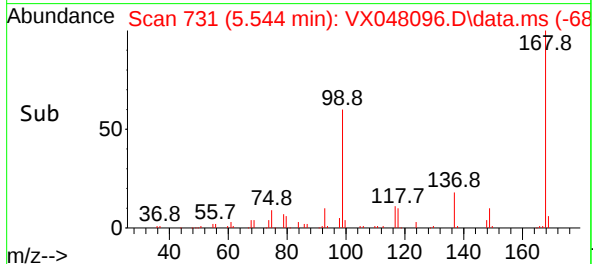
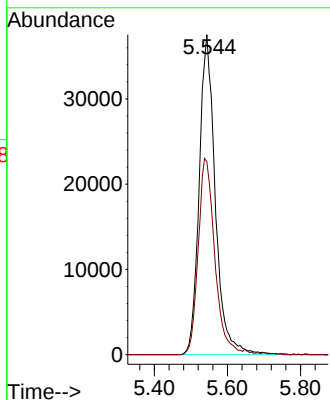


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK

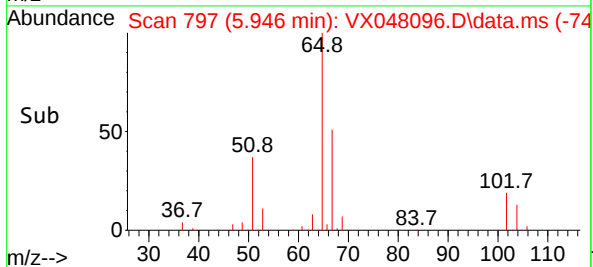
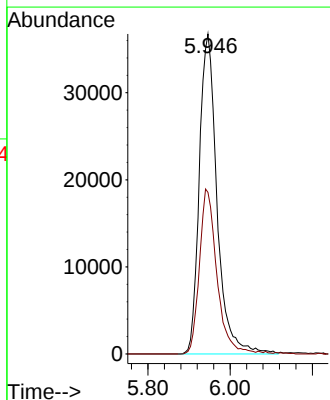
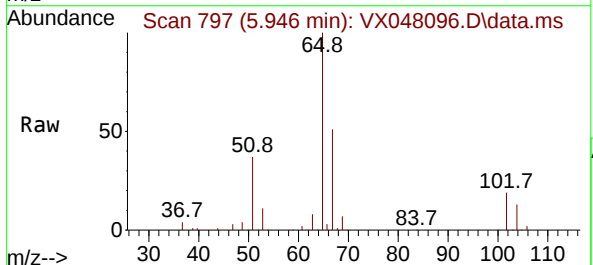


Tgt Ion:168 Resp: 114846
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 60.188 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 65 Resp: 110028
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

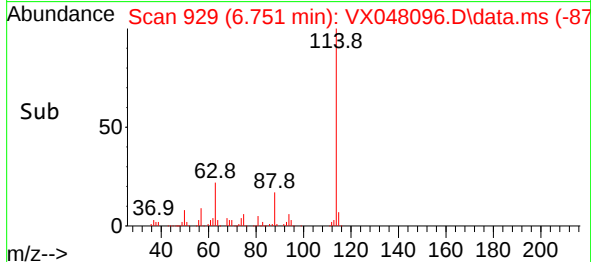
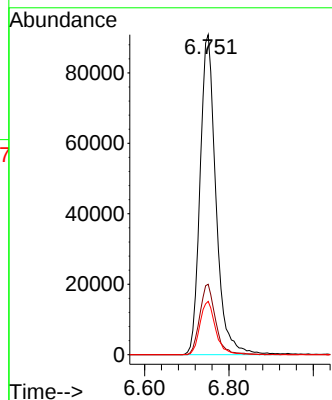
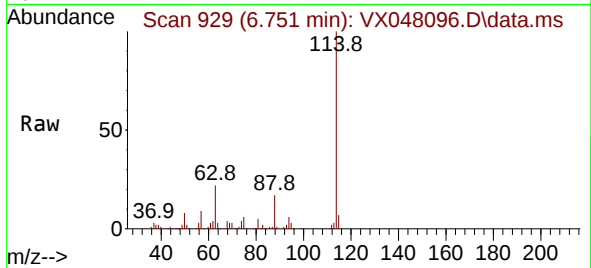




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

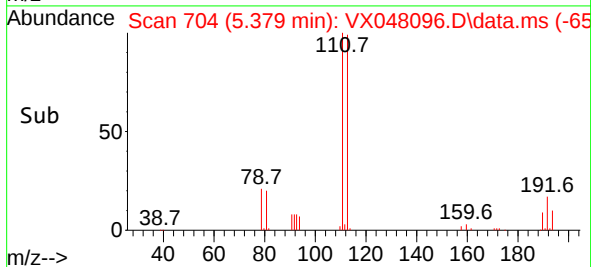
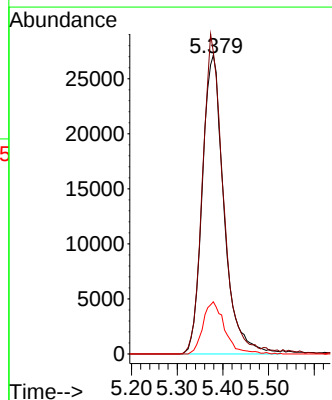
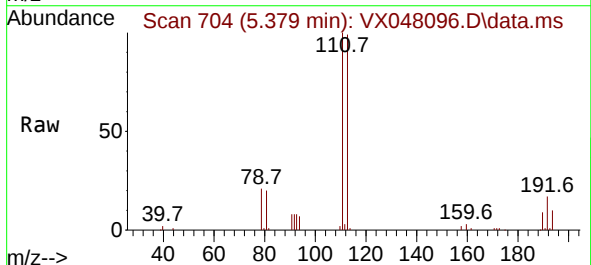
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 237992
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 56.011 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion:113 Resp: 89399
Ion Ratio Lower Upper
113 100
111 101.2 80.9 121.3
192 17.4 14.2 21.4

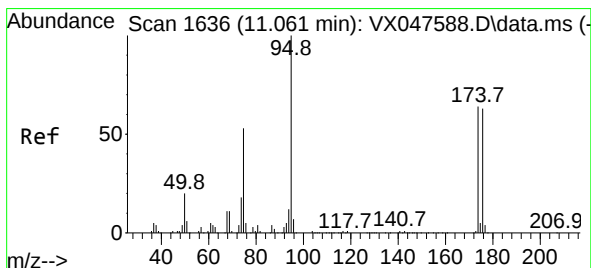
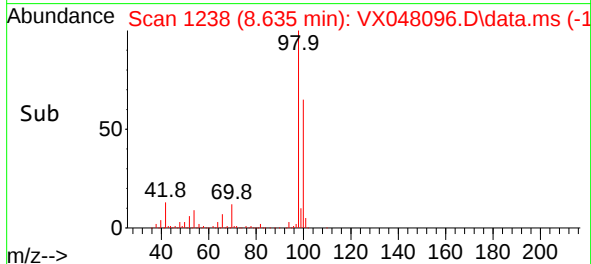
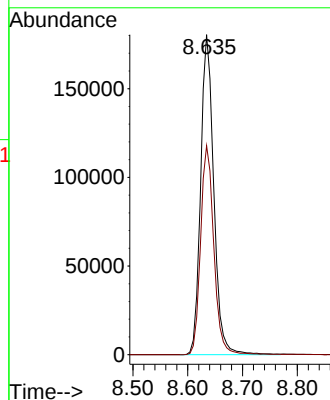
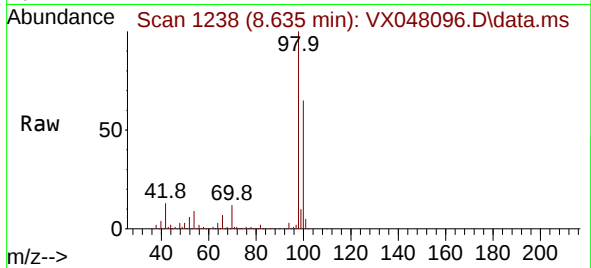




#50
Toluene-d8
Concen: 54.425 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

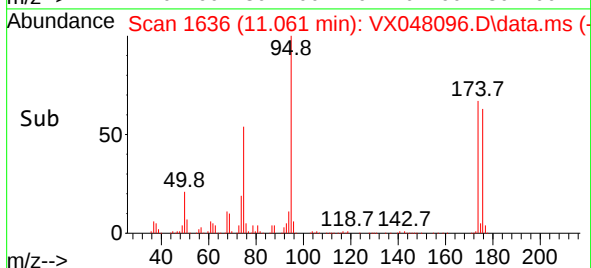
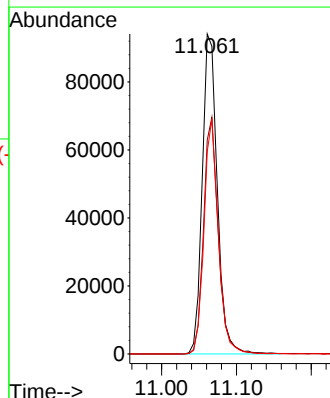
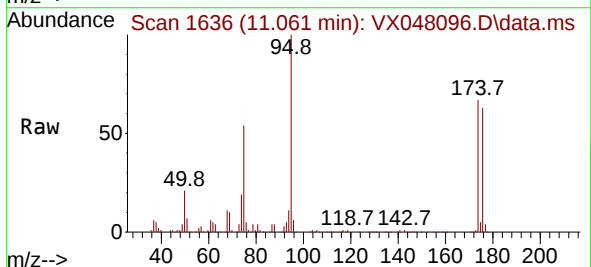
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 300582
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 62.770 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Tgt Ion: 95 Resp: 131566
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.1 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: VX048096.D

Acq: 09 Oct 2025 18:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

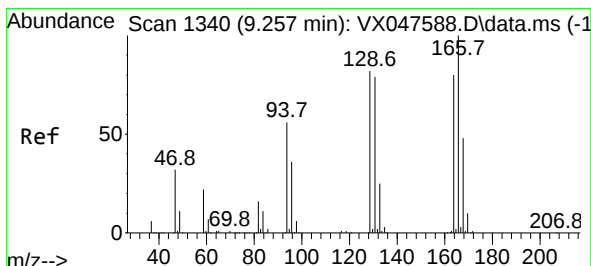
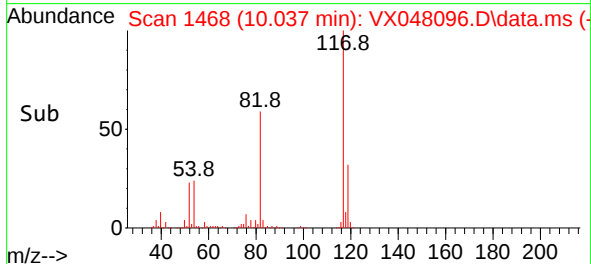
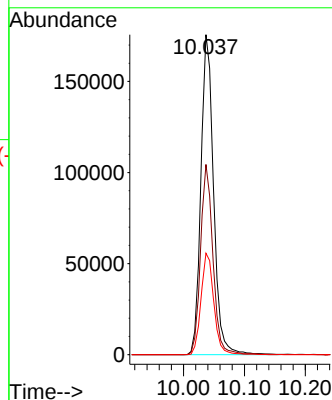
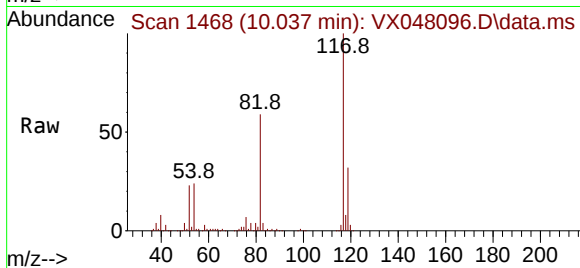
Tgt Ion:117 Resp: 253901

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.6

119 31.7 25.2 37.8



#64

Tetrachloroethene

Concen: 5.113 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048096.D

Acq: 09 Oct 2025 18:27

Tgt Ion:164 Resp: 8463

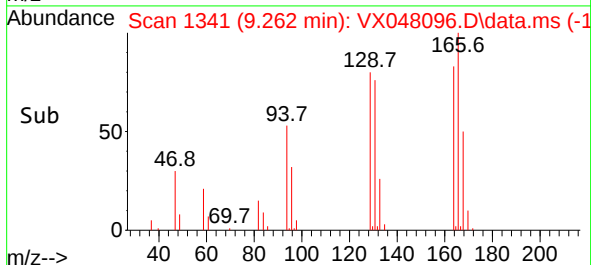
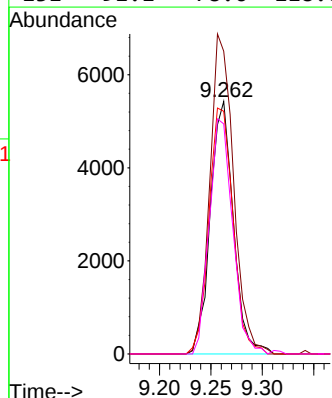
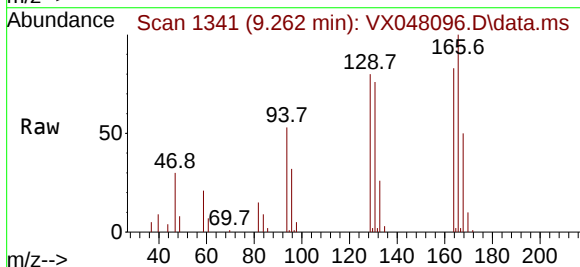
Ion Ratio Lower Upper

164 100

166 119.9 100.2 150.2

129 96.1 81.8 122.6

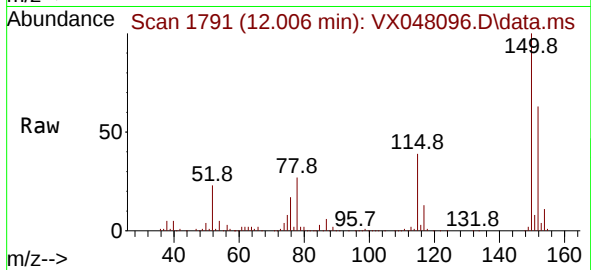
131 91.1 78.6 118.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048096.D
Acq: 09 Oct 2025 18:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:152 Resp: 130525
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 160.3 0.0 352.0

