

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048160.D
 Acq On : 14 Oct 2025 13:09
 Operator : JC/MD
 Sample : Q3311-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-227BDL

Quant Time: Oct 15 02:43:14 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)

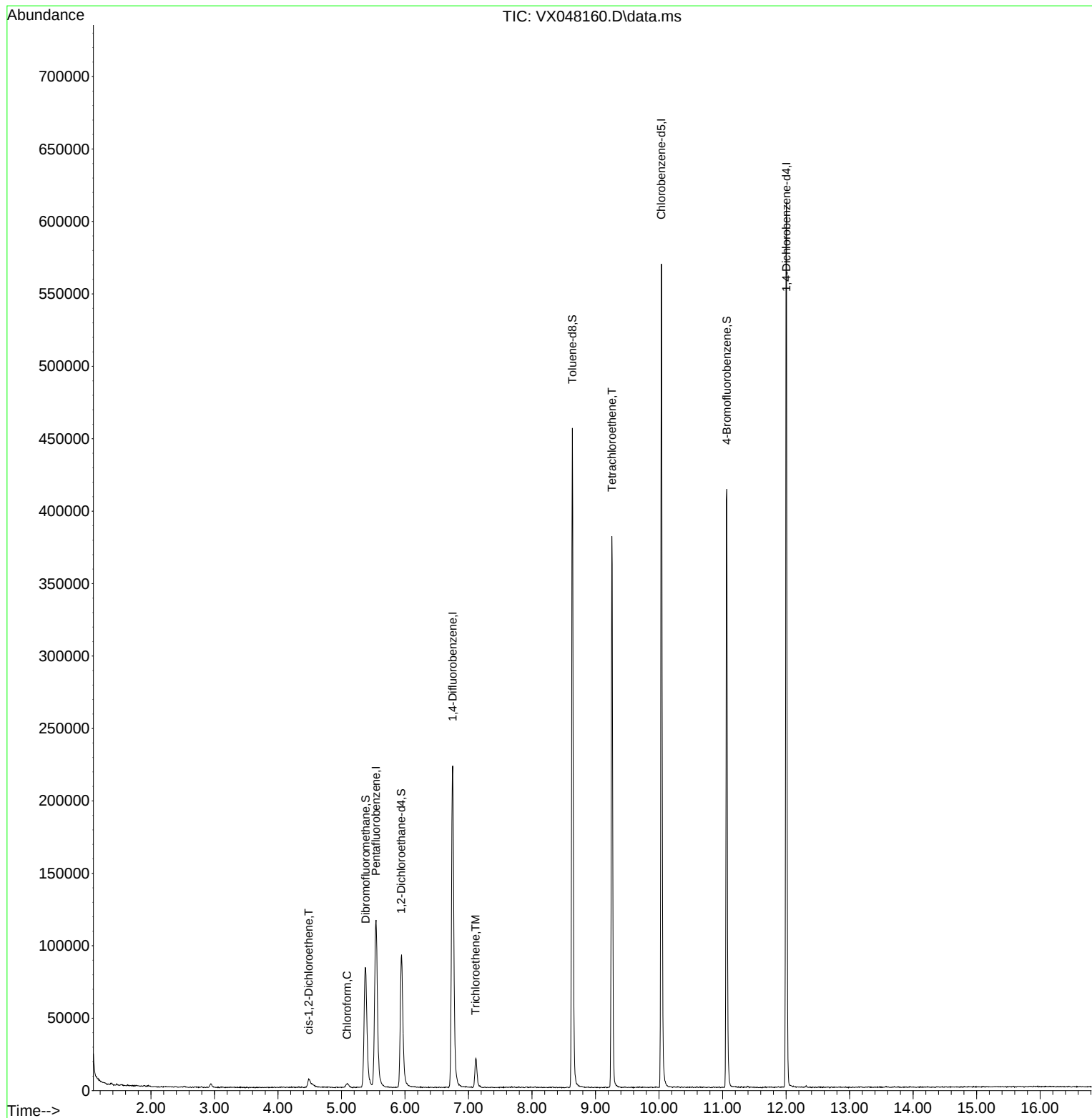
Internal Standards						
1) Pentafluorobenzene	5.544	168	117143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	242012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	256907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	129216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100879	54.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.200%	
35) Dibromofluoromethane	5.379	113	81541	50.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.480%	
50) Toluene-d8	8.635	98	284232	50.610	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.067	95	120036	56.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.640%	
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	4.483	96	4253	2.318	ug/l	85
30) Chloroform	5.086	83	3770	1.261	ug/l	85
44) Trichloroethene	7.111	130	8868	5.092	ug/l	99
64) Tetrachloroethene	9.256	164	71855	42.905	ug/l	97

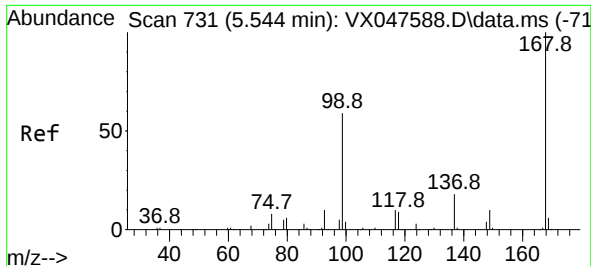
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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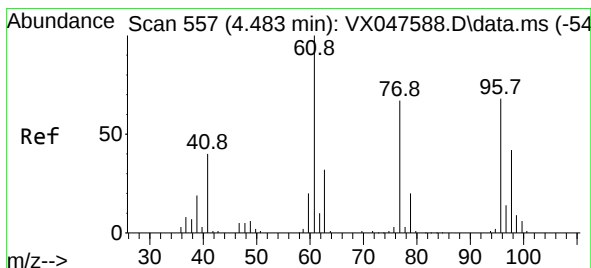
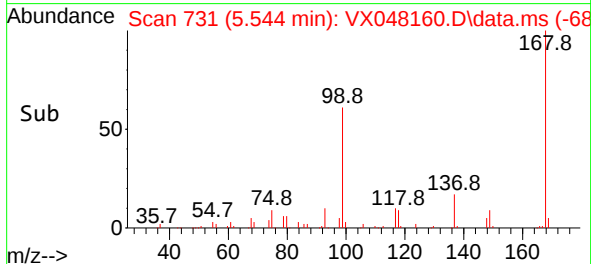
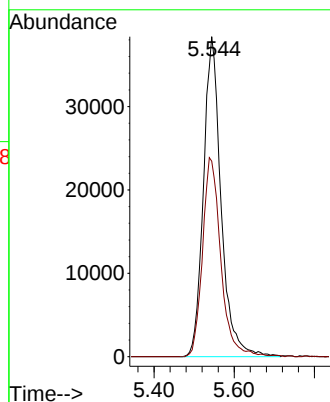
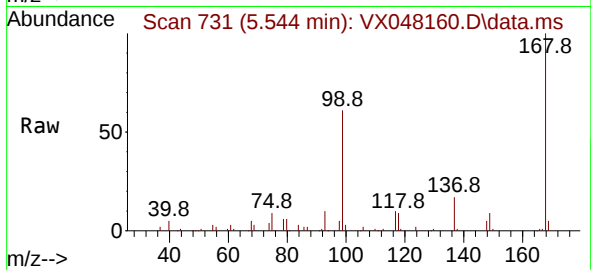




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

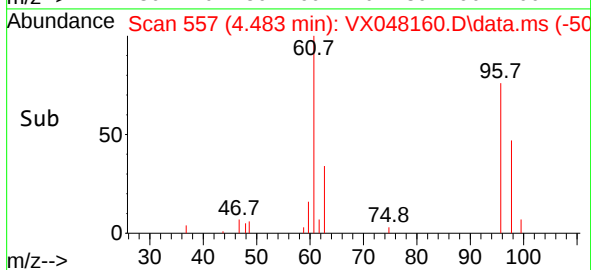
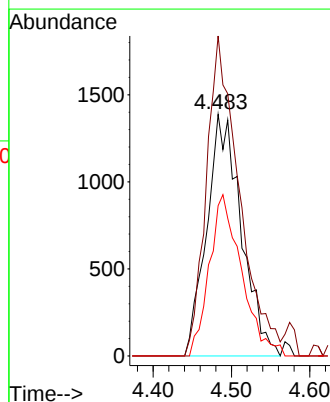
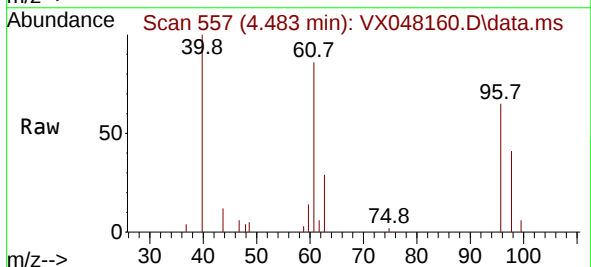
Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

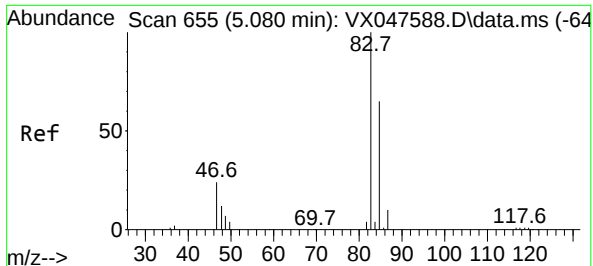
Tgt Ion:168 Resp: 117143
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 2.318 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion: 96 Resp: 4253
Ion Ratio Lower Upper
96 100
61 126.2 0.0 303.2
98 62.1 0.0 127.8





#30

Chloroform

Concen: 1.261 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX048160.D

Acq: 14 Oct 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

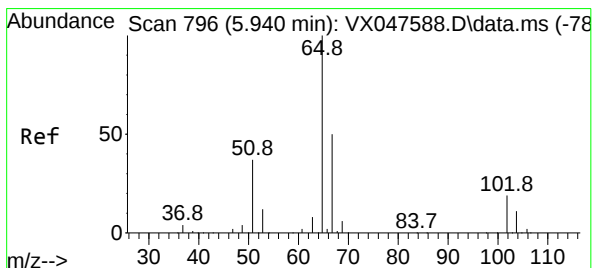
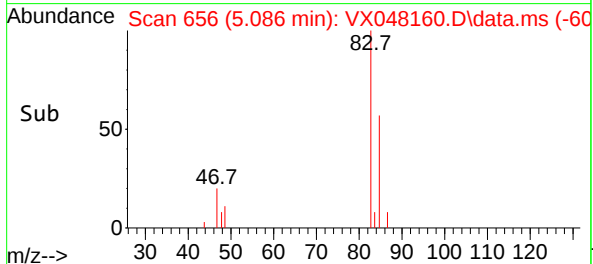
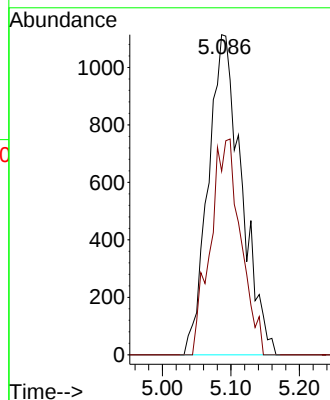
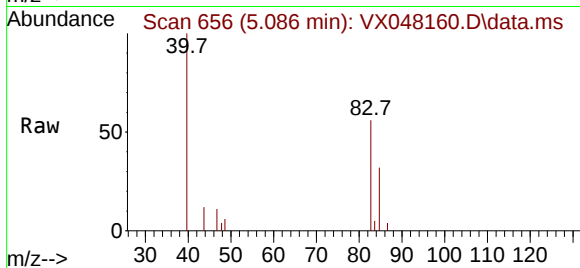
MW-227BDL

Tgt Ion: 83 Resp: 3770

Ion Ratio Lower Upper

83 100

85 53.1 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 54.102 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048160.D

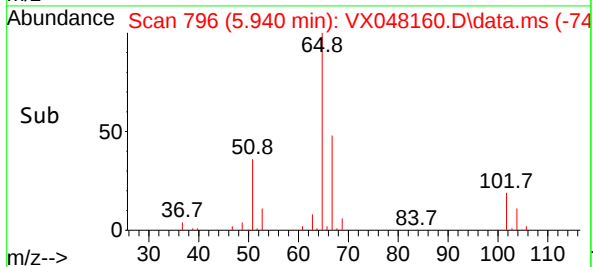
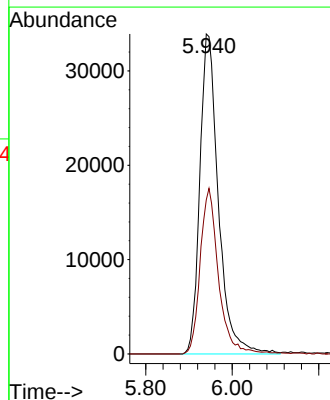
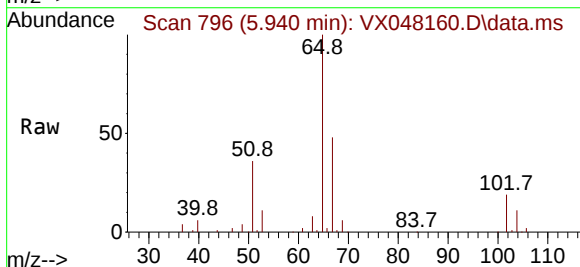
Acq: 14 Oct 2025 13:09

Tgt Ion: 65 Resp: 100879

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

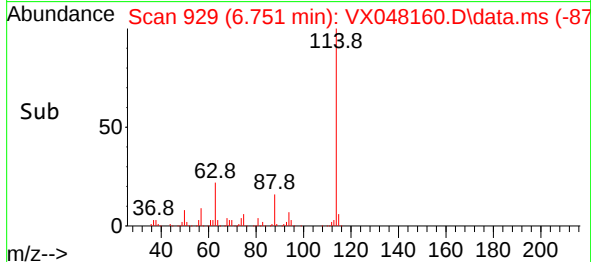
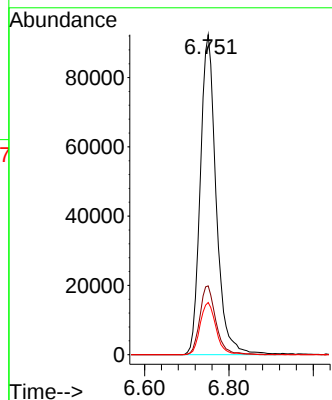
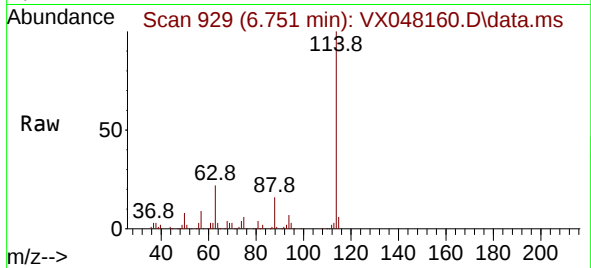




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

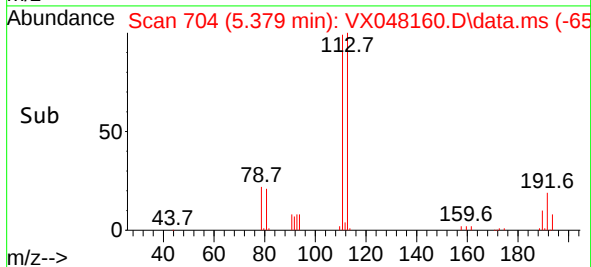
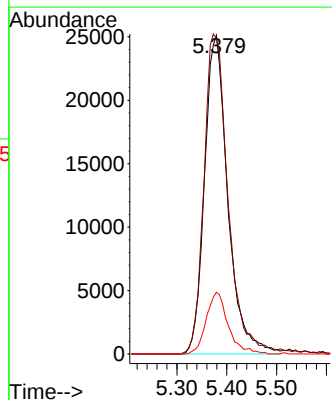
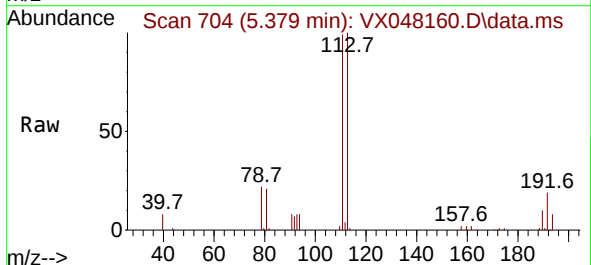
Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

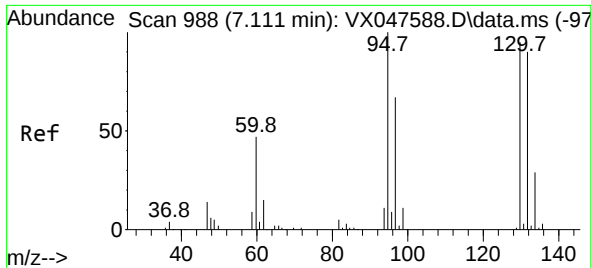
Tgt Ion:114 Resp: 242012
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.239 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion:113 Resp: 81541
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 18.2 14.2 21.4

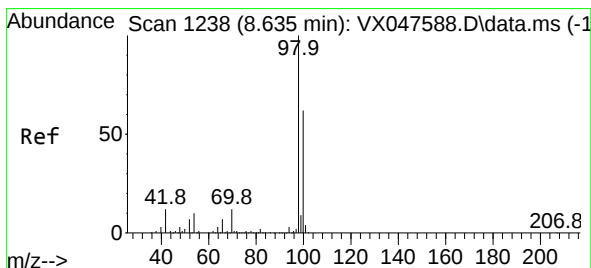
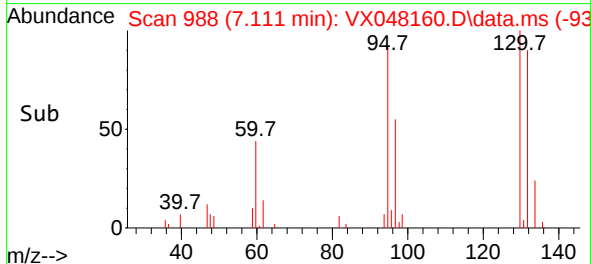
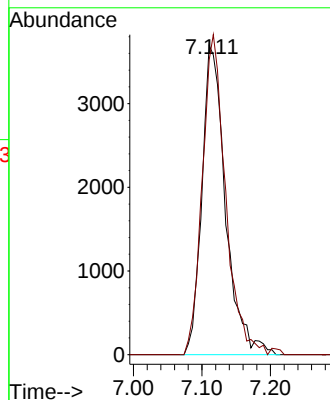
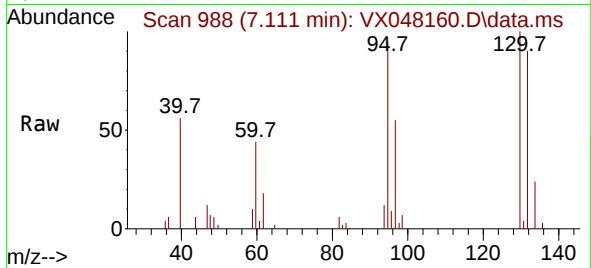




#44
Trichloroethene
Concen: 5.092 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

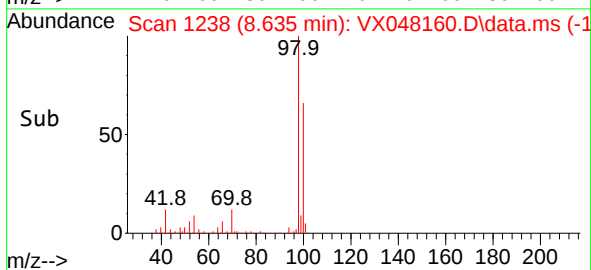
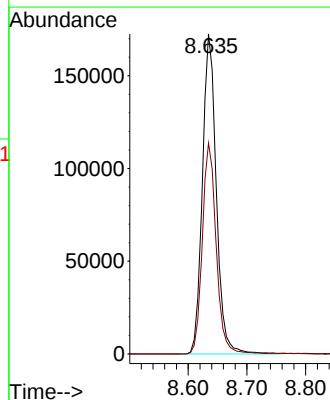
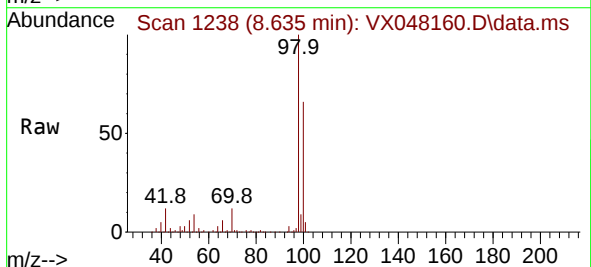
Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

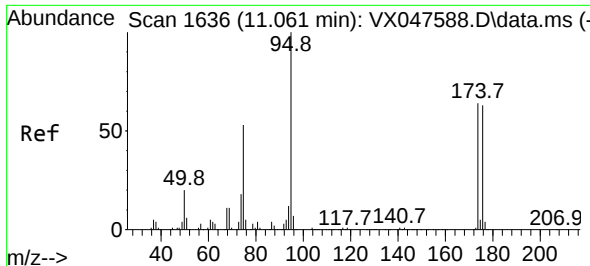
Tgt Ion:130 Resp: 8868
Ion Ratio Lower Upper
130 100
95 104.3 0.0 210.8



#50
Toluene-d8
Concen: 50.610 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion: 98 Resp: 284232
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 56.317 ug/l

RT: 11.067 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX048160.D

Acq: 14 Oct 2025 13:09

Instrument :

MSVOA_X

ClientSampleId :

MW-227BDL

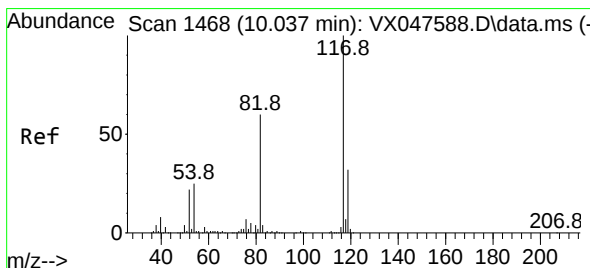
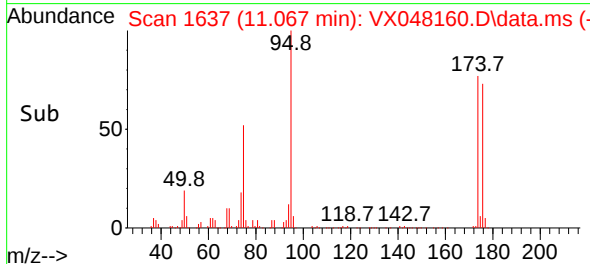
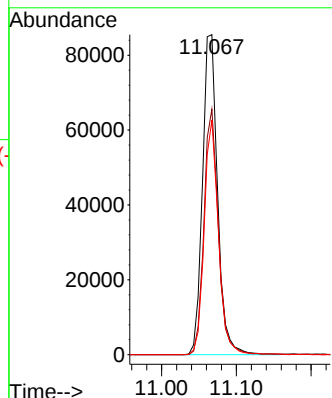
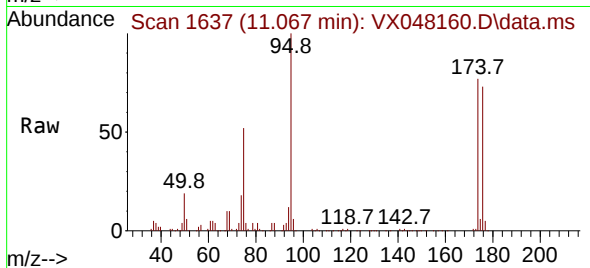
Tgt Ion: 95 Resp: 120036

Ion Ratio Lower Upper

95 100

174 73.4 0.0 141.6

176 69.5 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: VX048160.D

Acq: 14 Oct 2025 13:09

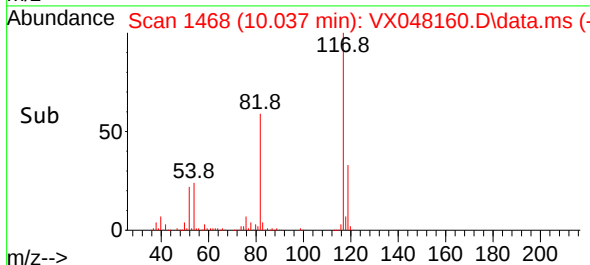
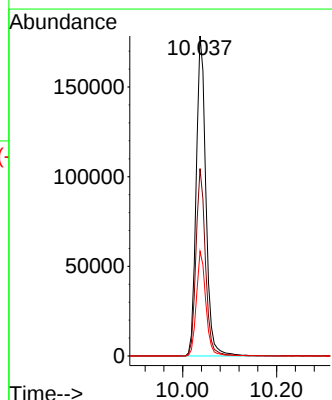
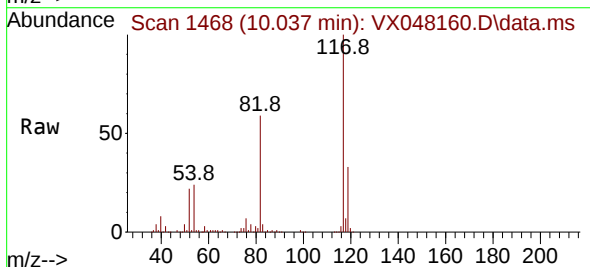
Tgt Ion: 117 Resp: 256907

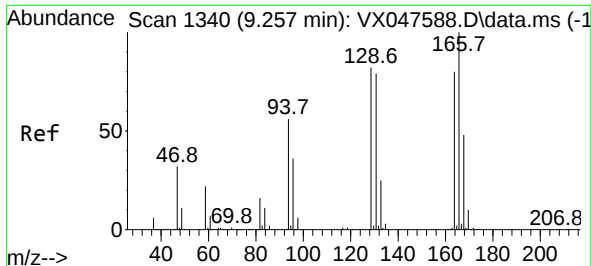
Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.7 25.2 37.8

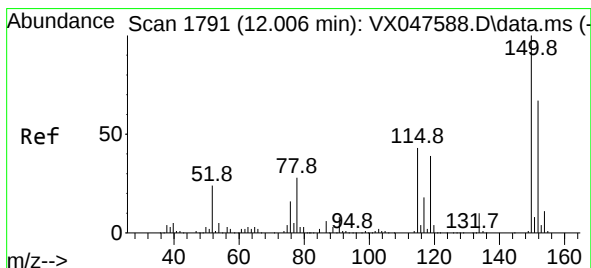
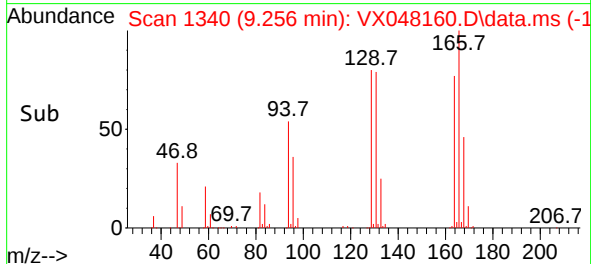
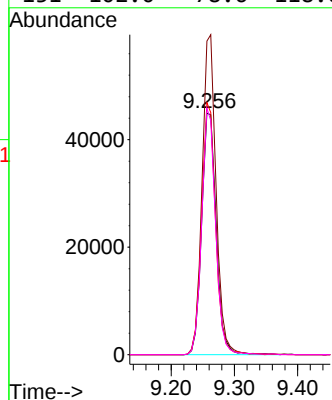
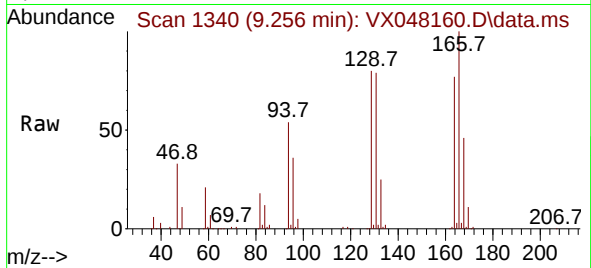




#64
Tetrachloroethene
Concen: 42.905 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Instrument :
MSVOA_X
ClientSampleId :
MW-227BDL

Tgt Ion:164 Resp: 71855
Ion Ratio Lower Upper
164 100
166 129.8 100.2 150.2
129 104.3 81.8 122.6
131 102.0 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048160.D
Acq: 14 Oct 2025 13:09

Tgt Ion:152 Resp: 129216
Ion Ratio Lower Upper
152 100
115 61.9 44.9 134.5
150 157.5 0.0 352.0

