

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121525\
 Data File : VX048877.D
 Acq On : 15 Dec 2025 14:44
 Operator : JC/MD
 Sample : Q3848-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18B-57.5-121125-FDDL

Quant Time: Dec 16 00:16:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

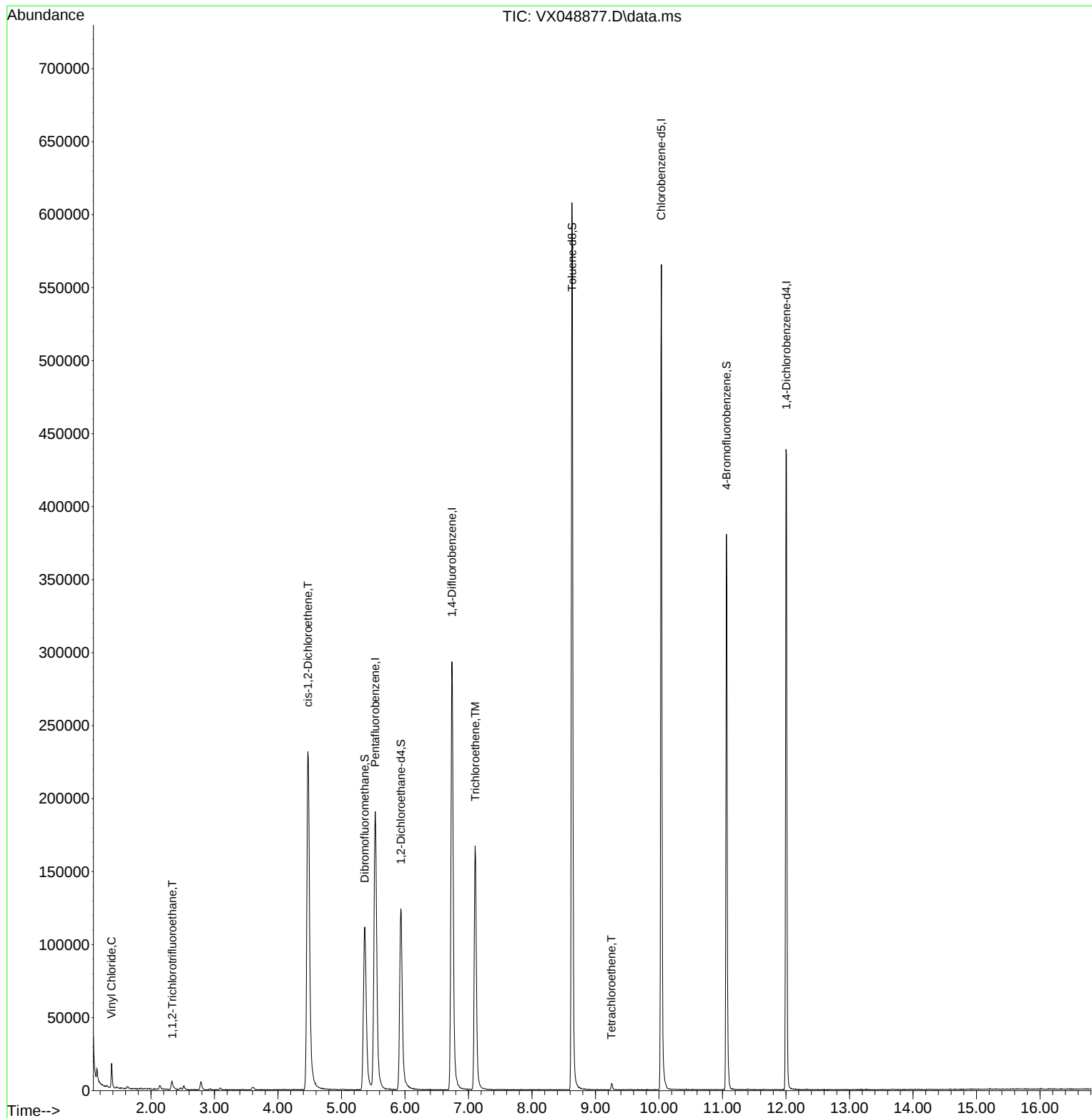
Internal Standards						
1) Pentafluorobenzene	5.532	168	197001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	326976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	137015	51.819	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.640%		
35) Dibromofluoromethane	5.367	113	111756	49.639	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.280%		
50) Toluene-d8	8.629	98	387995	49.165	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.320%		
62) 4-Bromofluorobenzene	11.061	95	107849	39.631	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 79.260%#		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	11102	4.116	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.337	101	1313	0.586	ug/l	97
27) cis-1,2-Dichloroethene	4.471	96	170219	64.608	ug/l	94
44) Trichloroethene	7.104	130	72003	30.188	ug/l	98
64) Tetrachloroethene	9.250	164	947	0.474	ug/l	92

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

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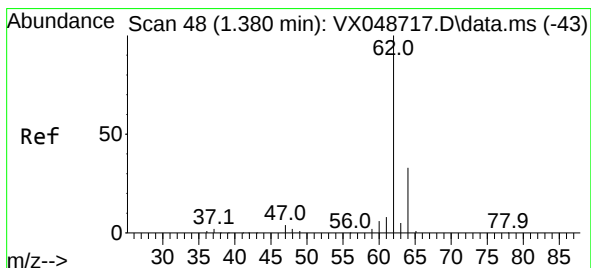
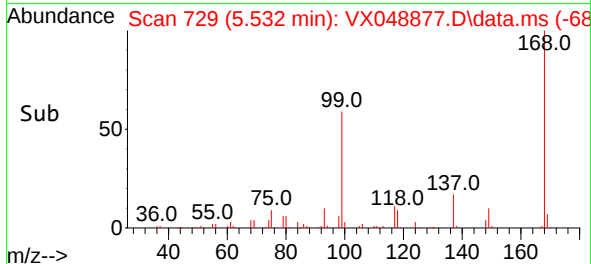
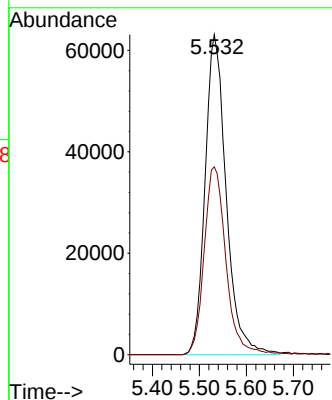
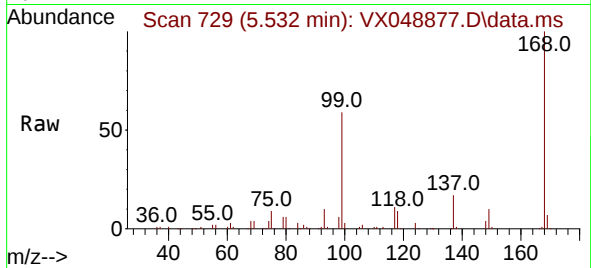




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

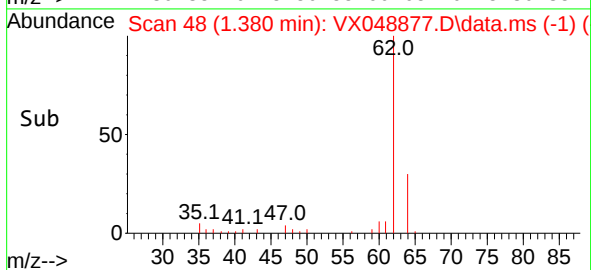
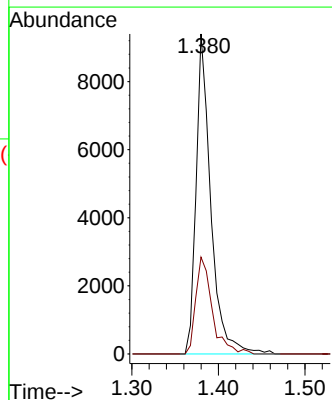
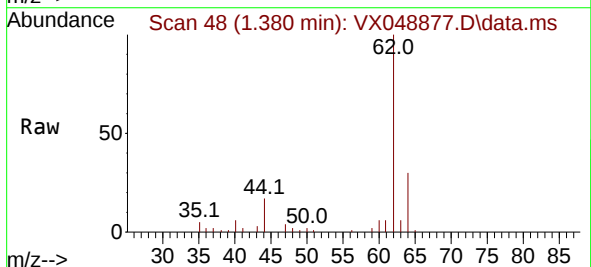
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125-FDDL

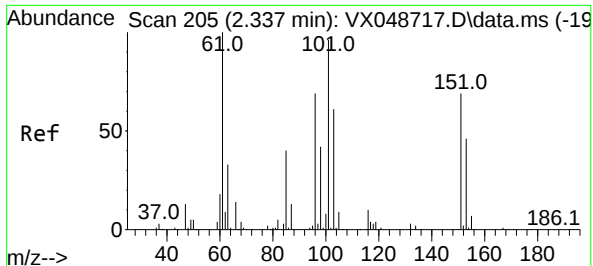
Tgt Ion:168 Resp: 197001
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#4
Vinyl Chloride
Concen: 4.116 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

Tgt Ion: 62 Resp: 11102
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

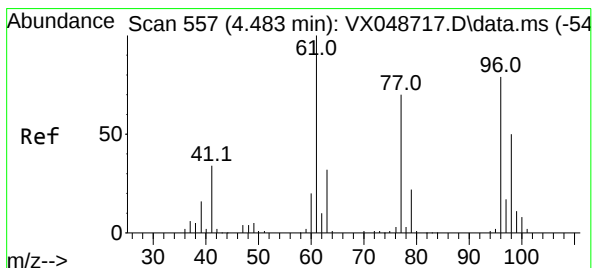
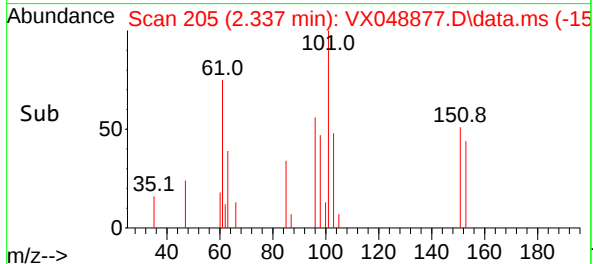
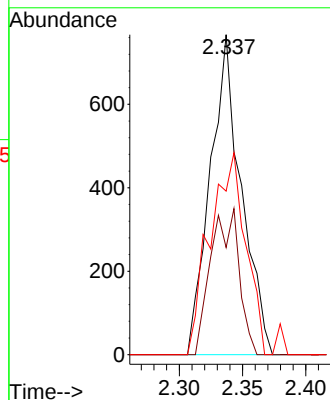
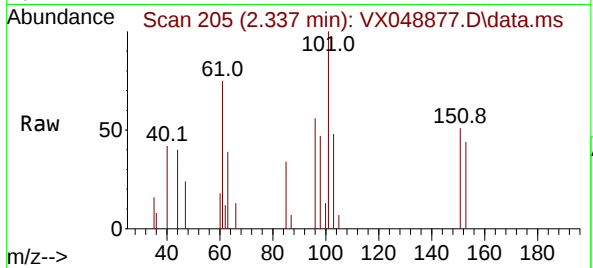




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.586 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

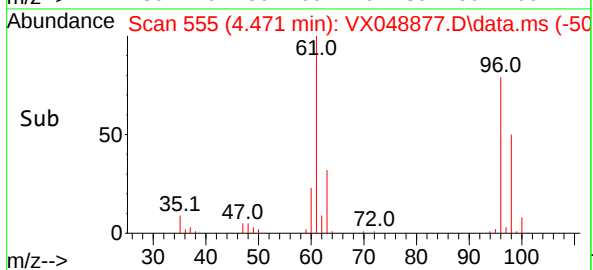
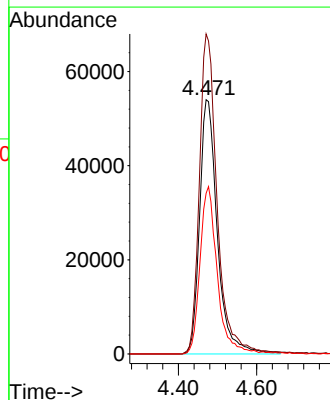
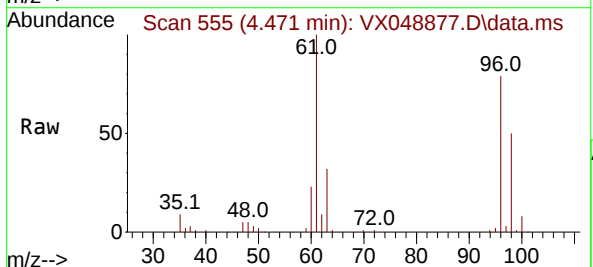
Instrument :
MSVOA_X
ClientSampleId :
MW-18B-57.5-121125-FDDL

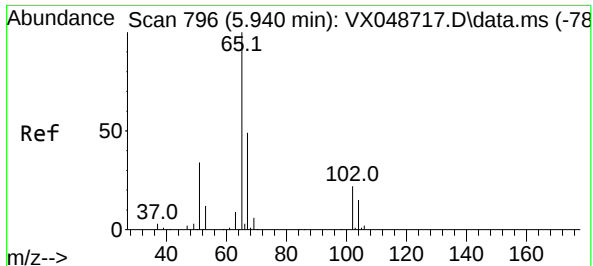
Tgt Ion:101 Resp: 1313
Ion Ratio Lower Upper
101 100
85 41.2 34.2 51.2
151 72.6 60.2 90.4



#27
cis-1,2-Dichloroethene
Concen: 64.608 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

Tgt Ion: 96 Resp: 170219
Ion Ratio Lower Upper
96 100
61 126.0 0.0 271.0
98 63.9 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 51.819 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX048877.D

Acq: 15 Dec 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

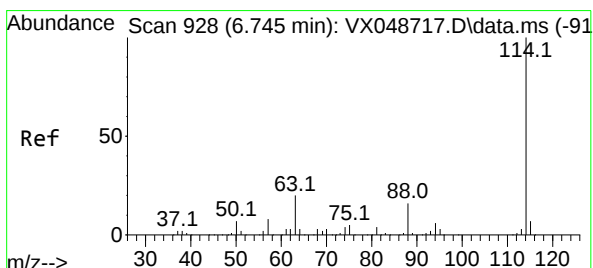
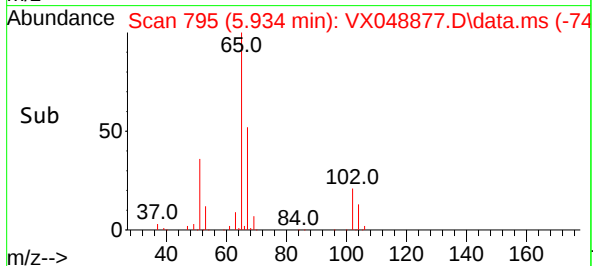
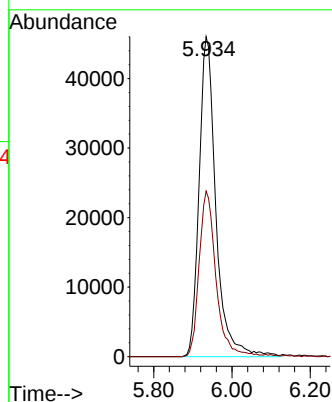
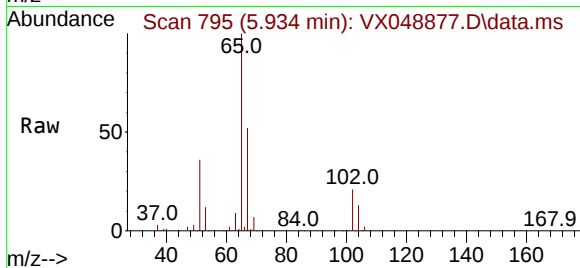
MW-18B-57.5-121125-FDDL

Tgt Ion: 65 Resp: 137015

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.739 min Scan# 927

Delta R.T. -0.006 min

Lab File: VX048877.D

Acq: 15 Dec 2025 14:44

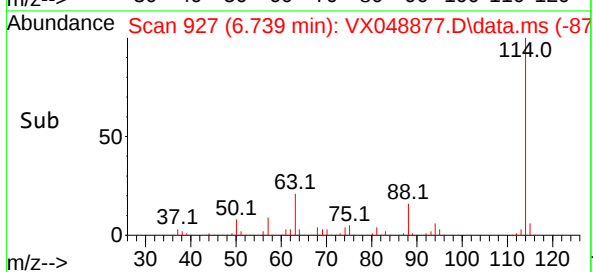
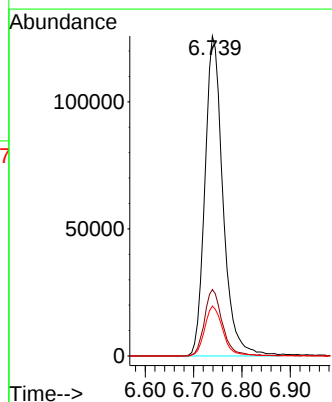
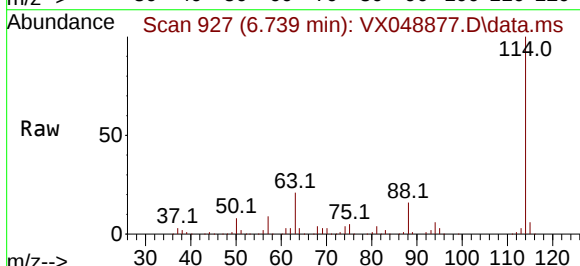
Tgt Ion: 114 Resp: 326976

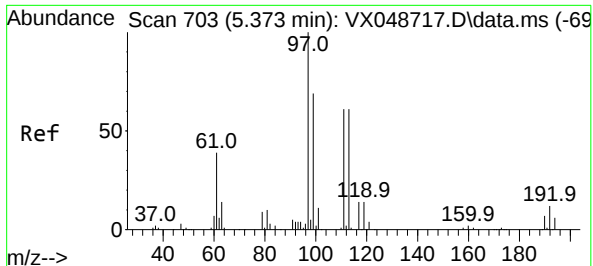
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

88 15.6 0.0 31.8

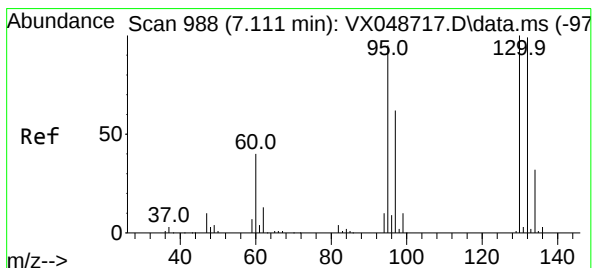
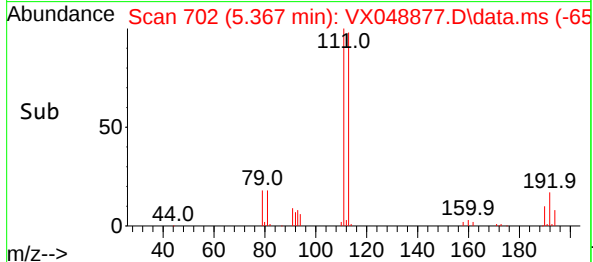
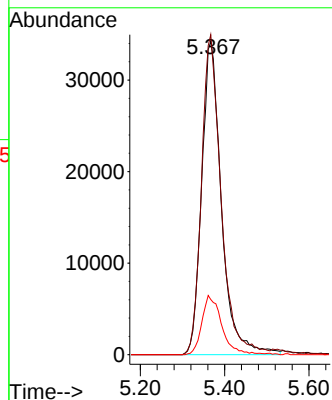
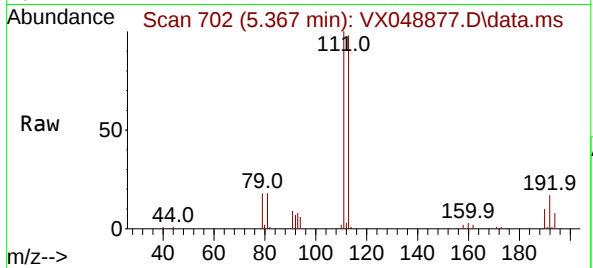




#35
Dibromofluoromethane
Concen: 49.639 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

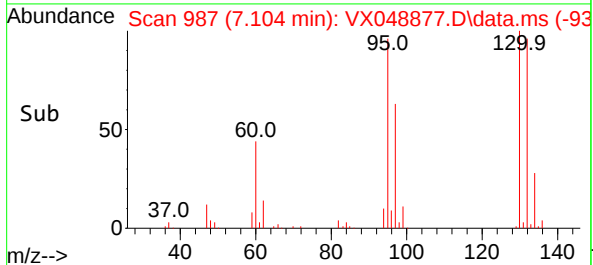
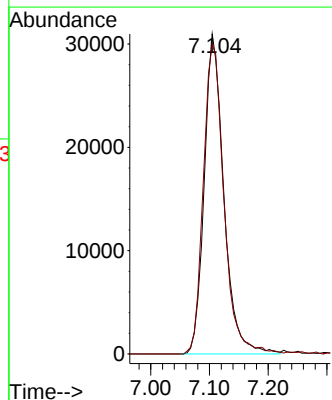
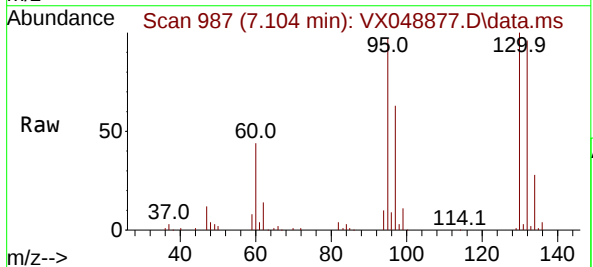
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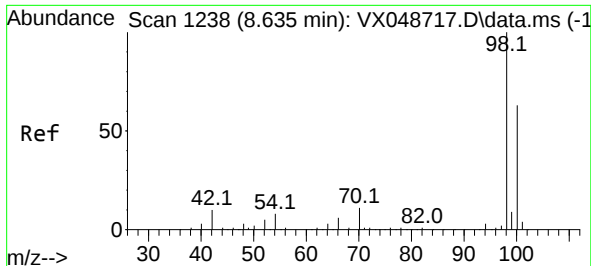
Tgt Ion:113 Resp: 111756
Ion Ratio Lower Upper
113 100
111 101.1 79.5 119.3
192 19.0 16.1 24.1



#44
Trichloroethene
Concen: 30.188 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

Tgt Ion:130 Resp: 72003
Ion Ratio Lower Upper
130 100
95 96.7 0.0 189.6

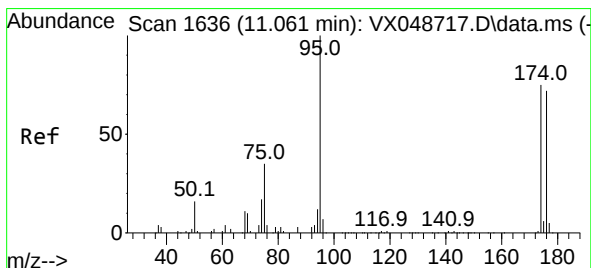
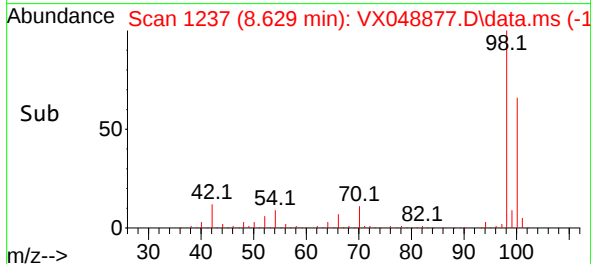
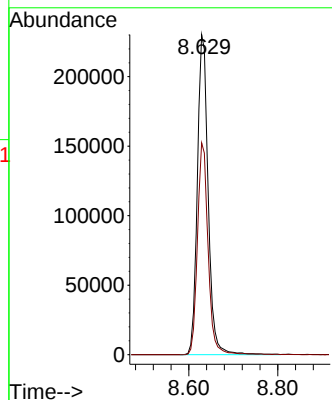
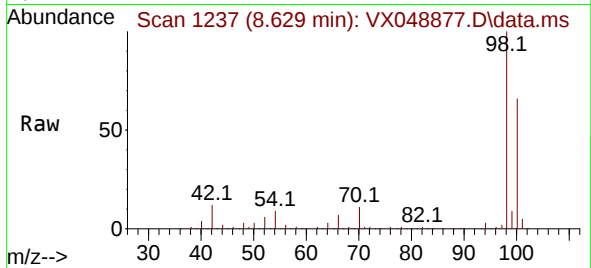




#50
Toluene-d8
Concen: 49.165 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

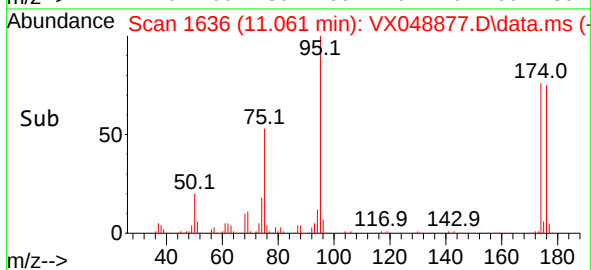
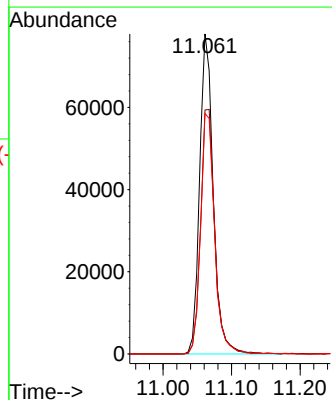
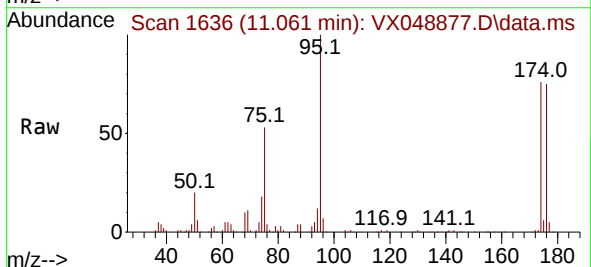
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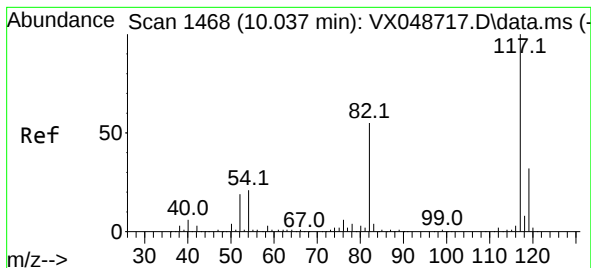
Tgt Ion: 98 Resp: 387995
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 39.631 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048877.D
Acq: 15 Dec 2025 14:44

Tgt Ion: 95 Resp: 107849
Ion Ratio Lower Upper
95 100
174 79.3 0.0 157.8
176 77.4 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048877.D

Acq: 15 Dec 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

MW-18B-57.5-121125-FDDL

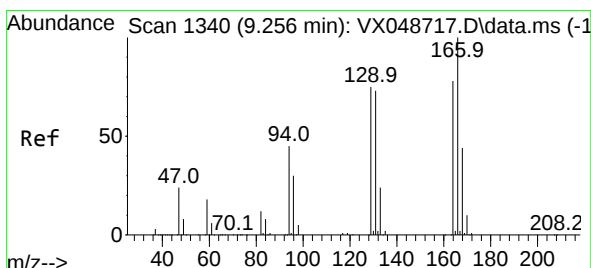
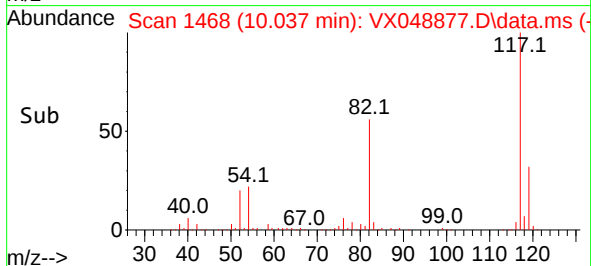
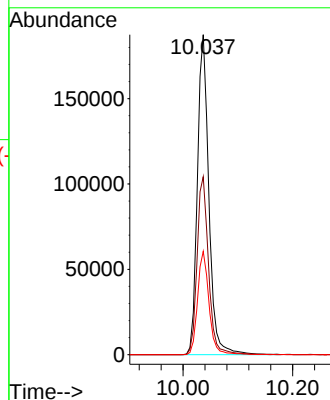
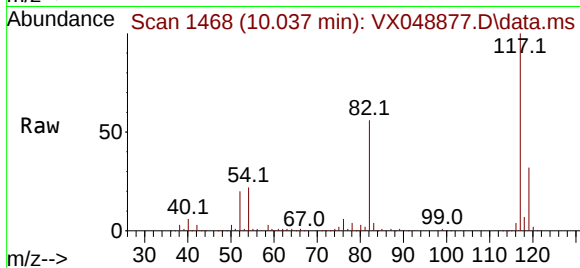
Tgt Ion:117 Resp: 273805

Ion Ratio Lower Upper

117 100

82 55.6 44.1 66.1

119 32.3 25.2 37.8



#64

Tetrachloroethene

Concen: 0.474 ug/l

RT: 9.250 min Scan# 1339

Delta R.T. -0.006 min

Lab File: VX048877.D

Acq: 15 Dec 2025 14:44

Tgt Ion:164 Resp: 947

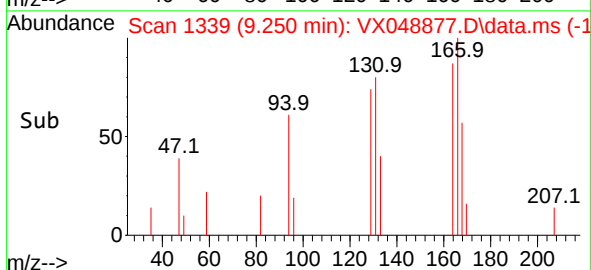
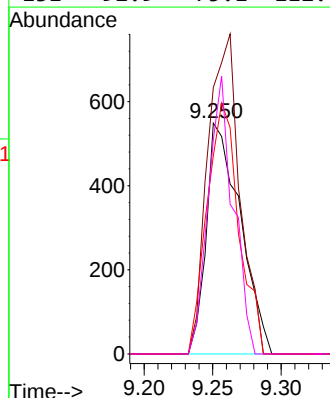
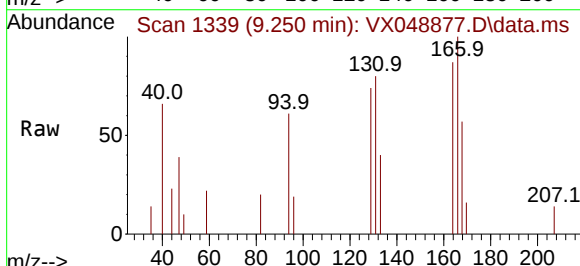
Ion Ratio Lower Upper

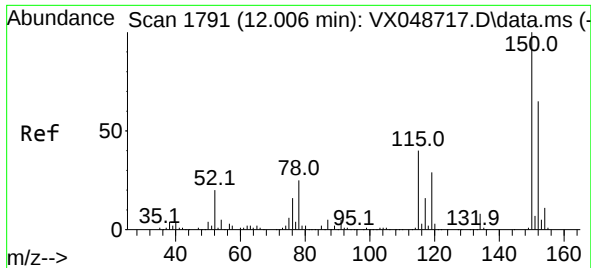
164 100

166 115.5 103.1 154.7

129 85.8 76.9 115.3

131 92.9 75.1 112.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048877.D

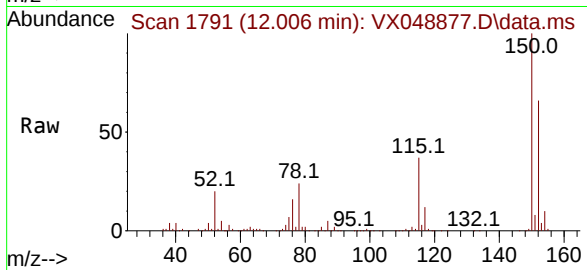
Acq: 15 Dec 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:152 Resp: 100588

Ion Ratio Lower Upper

152 100

115 59.5 42.1 126.4

150 154.5 0.0 347.8

