

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093025\
 Data File : VX047911.D
 Acq On : 30 Sep 2025 15:19
 Operator : JC/MD
 Sample : Q3193-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20250922

Quant Time: Oct 01 01:12:11 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)

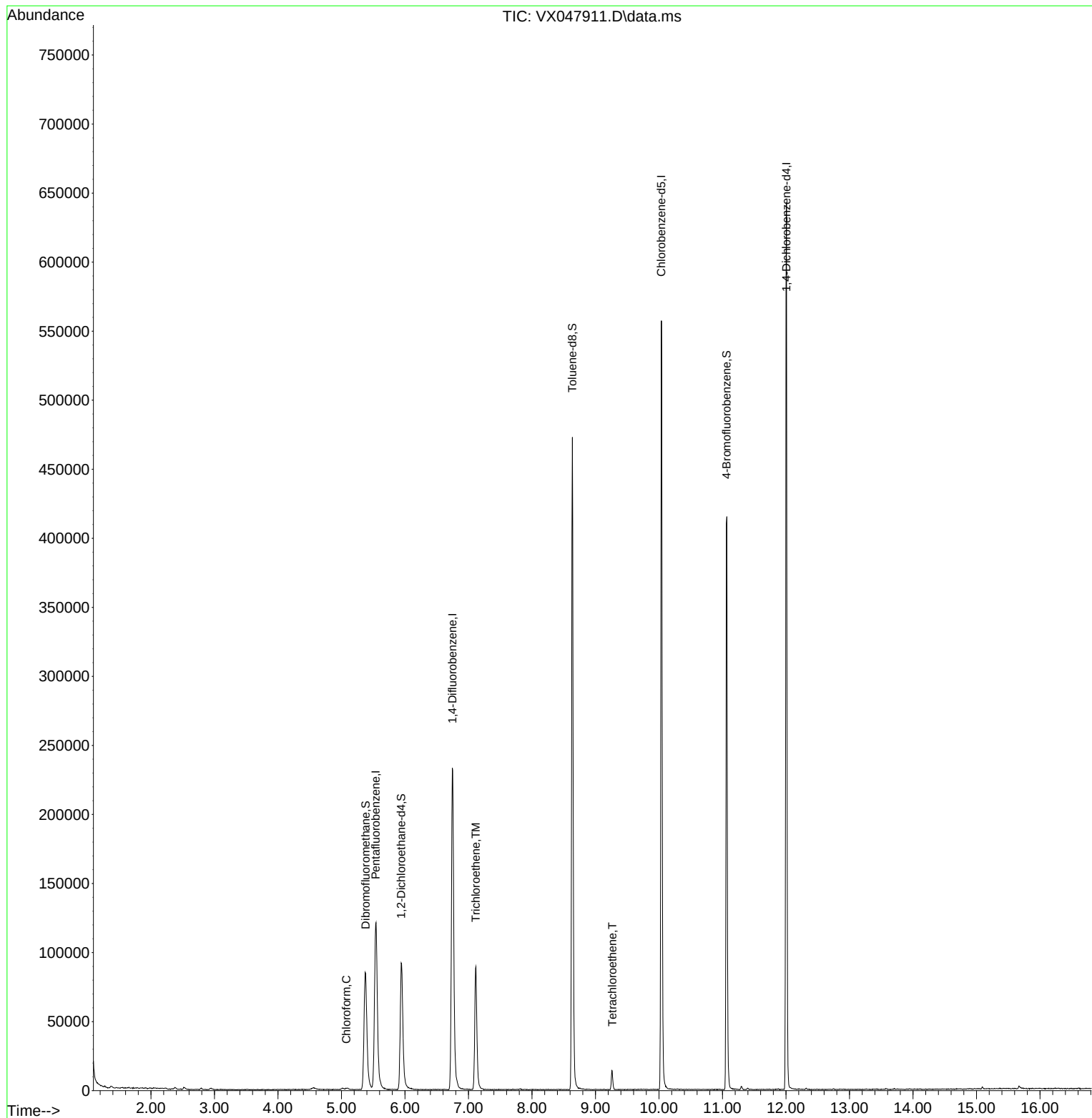
Internal Standards						
1) Pentafluorobenzene	5.538	168	124889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	257980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100743	50.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.360%
35) Dibromofluoromethane	5.379	113	84599	48.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.800%
50) Toluene-d8	8.635	98	291075	48.620	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.240%
62) 4-Bromofluorobenzene	11.061	95	120479	53.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%
Target Compounds						
						Qvalue
30) Chloroform	5.074	83	1408	0.442	ug/l	# 64
44) Trichloroethene	7.117	130	38283	20.622	ug/l	92
64) Tetrachloroethene	9.263	164	2610	1.532	ug/l	86

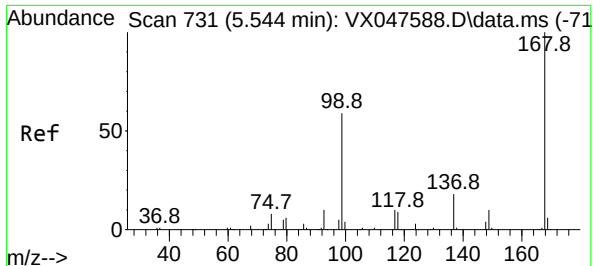
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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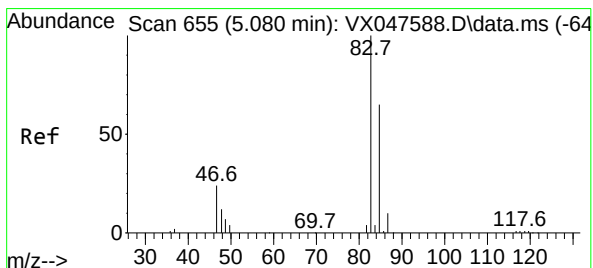
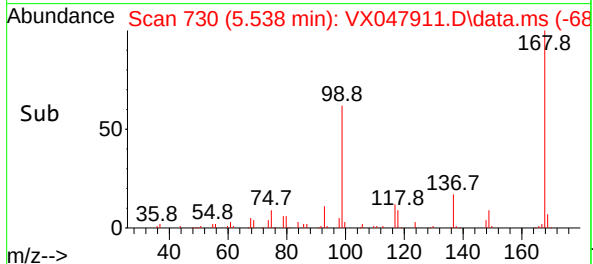
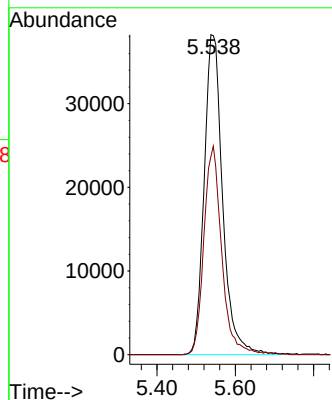
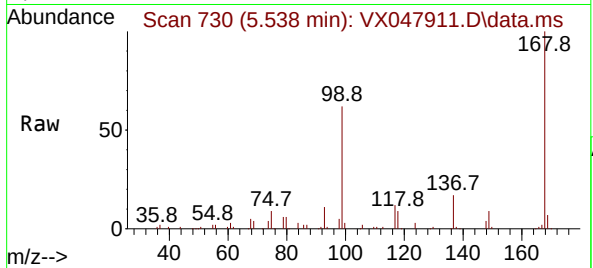




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

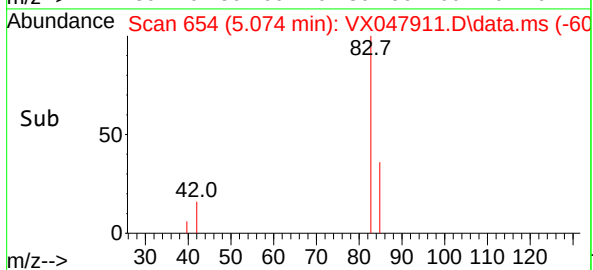
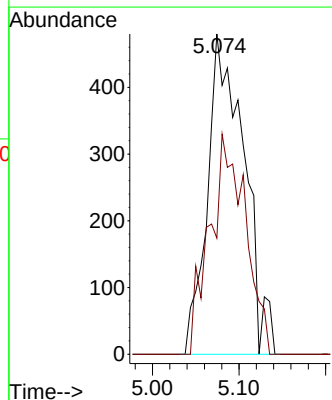
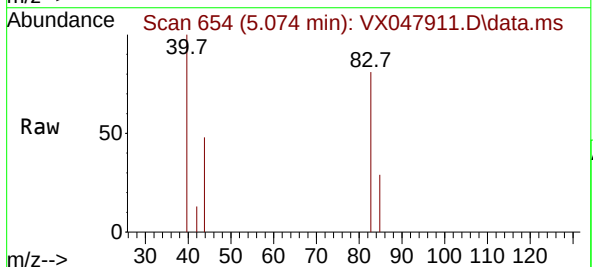
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

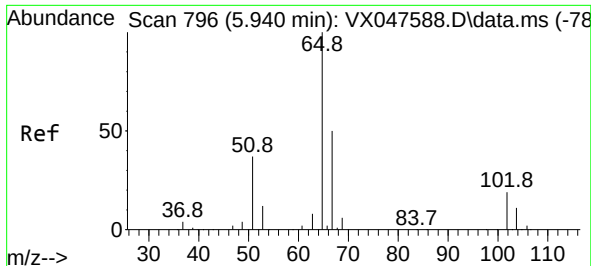
Tgt Ion:168 Resp: 124889
Ion Ratio Lower Upper
168 100
99 62.0 48.8 73.2



#30
Chloroform
Concen: 0.442 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

Tgt Ion: 83 Resp: 1408
Ion Ratio Lower Upper
83 100
85 36.3 51.8 77.6#





#33

1,2-Dichloroethane-d4

Concen: 50.678 ug/l

RT: 5.940 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX047911.D

Acq: 30 Sep 2025 15:19

Instrument :

MSVOA_X

ClientSampleId :

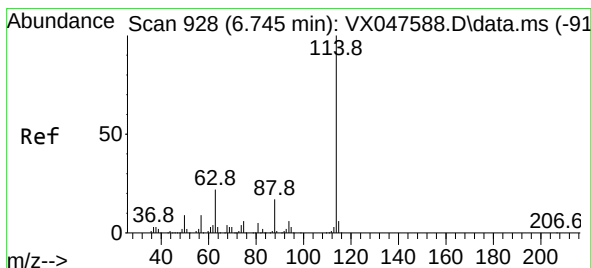
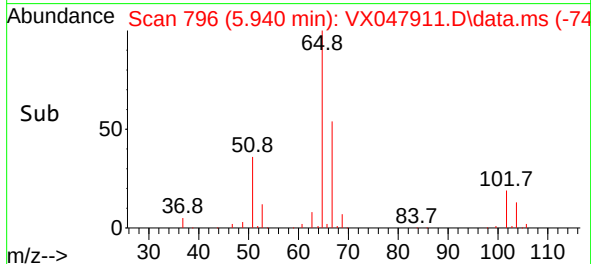
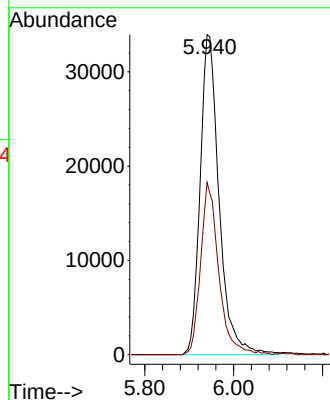
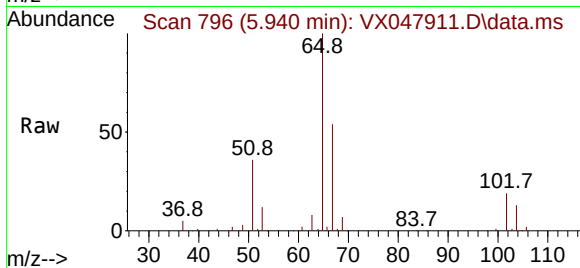
GM38-RW3-MW1-20250922

Tgt Ion: 65 Resp: 100743

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. 0.000 min

Lab File: VX047911.D

Acq: 30 Sep 2025 15:19

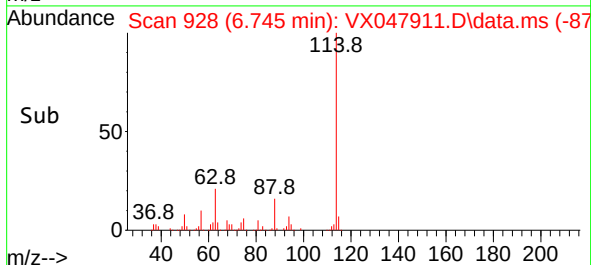
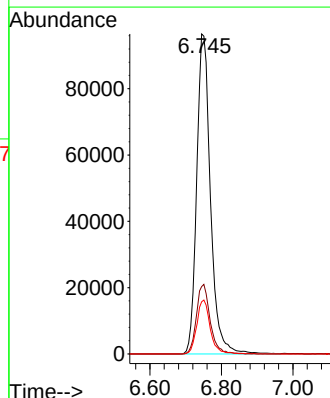
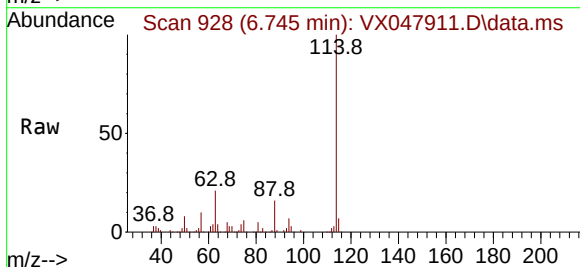
Tgt Ion: 114 Resp: 257980

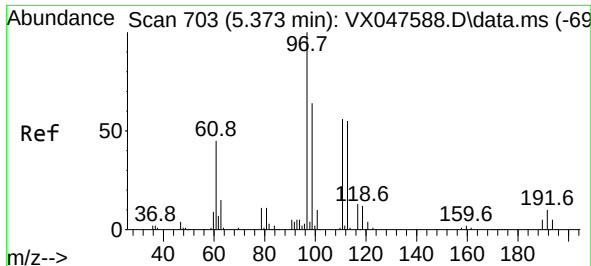
Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.0

88 16.3 0.0 34.2

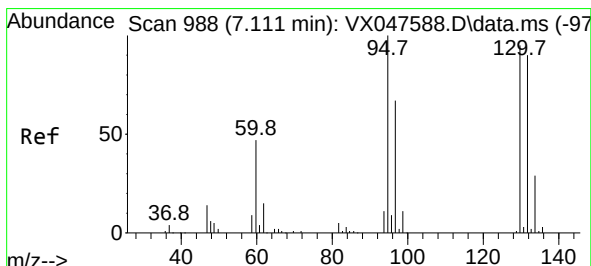
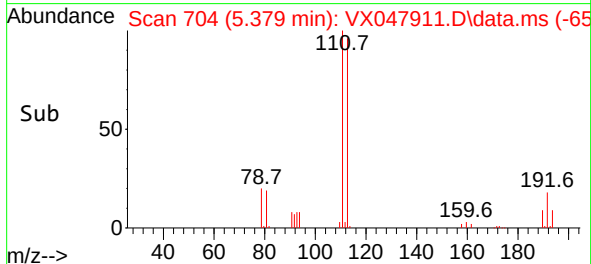
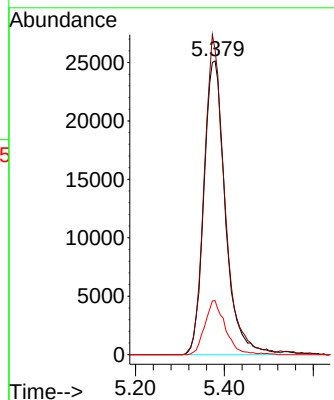
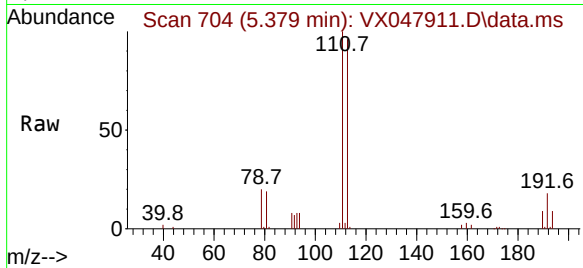




#35
Dibromofluoromethane
Concen: 48.897 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

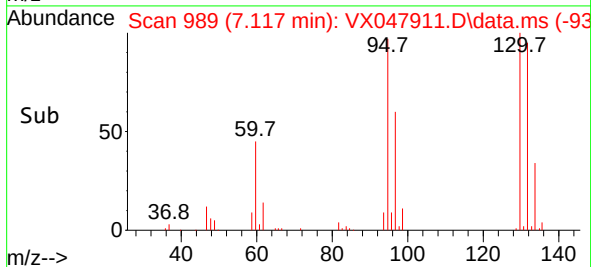
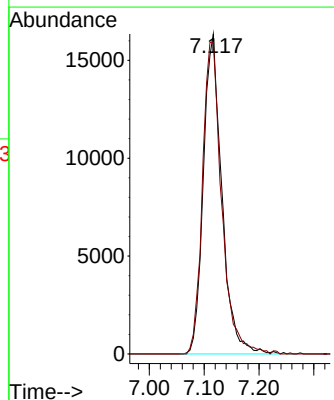
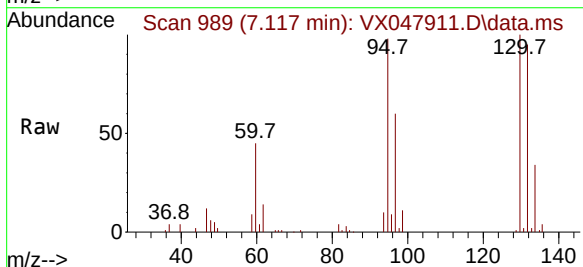
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

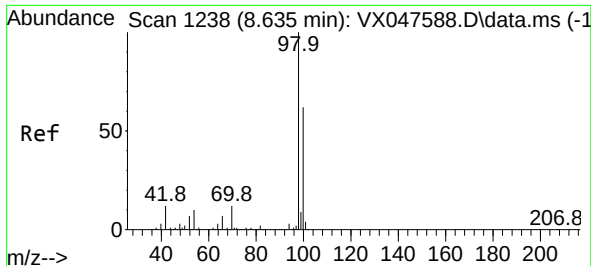
Tgt Ion:113 Resp: 84599
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.5 14.2 21.4



#44
Trichloroethene
Concen: 20.622 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

Tgt Ion:130 Resp: 38283
Ion Ratio Lower Upper
130 100
95 97.5 0.0 210.8

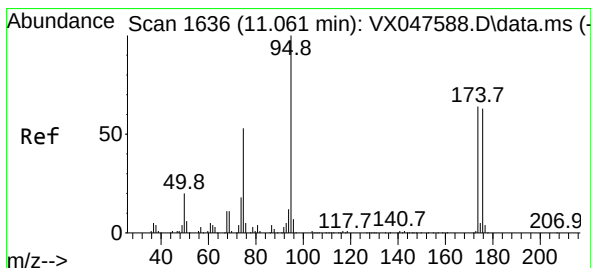
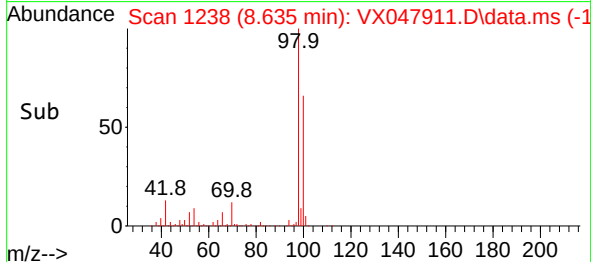
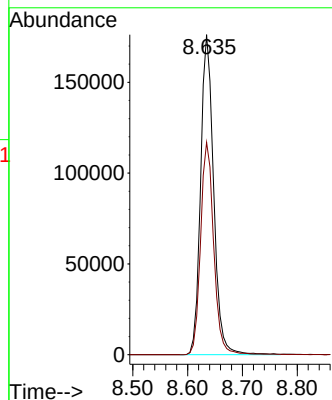
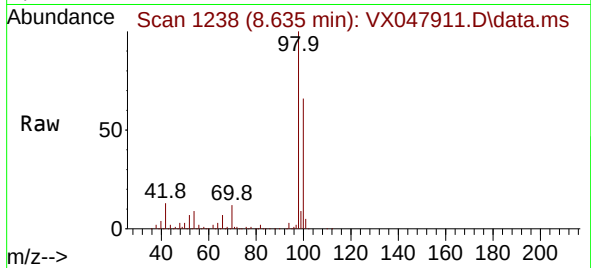




#50
Toluene-d8
Concen: 48.620 ug/l
RT: 8.635 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

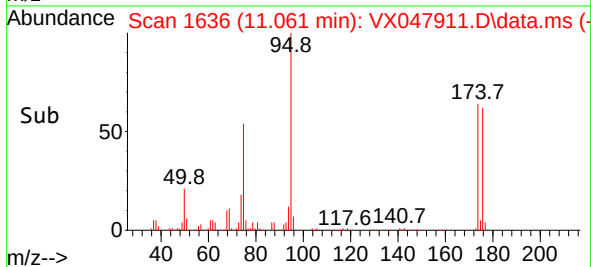
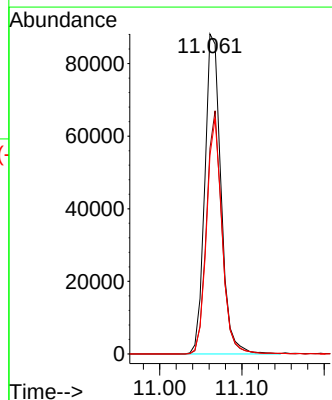
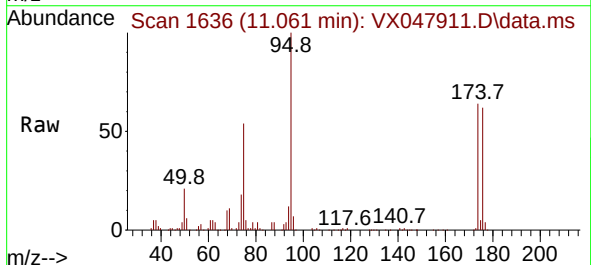
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20250922

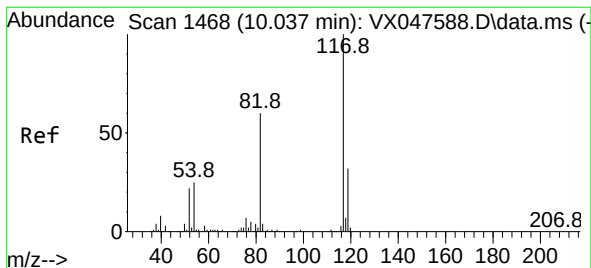
Tgt Ion: 98 Resp: 291075
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.026 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047911.D
Acq: 30 Sep 2025 15:19

Tgt Ion: 95 Resp: 120479
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 70.6 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: VX047911.D

Acq: 30 Sep 2025 15:19

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20250922

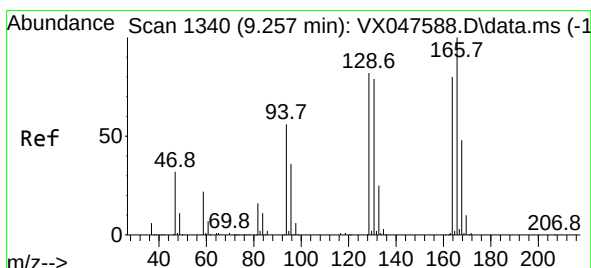
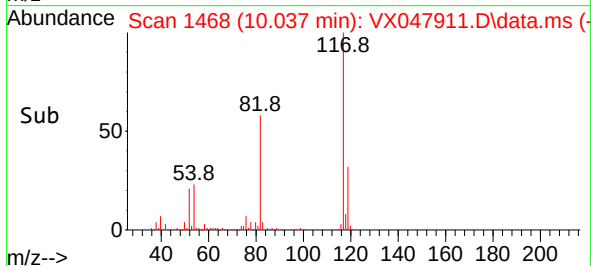
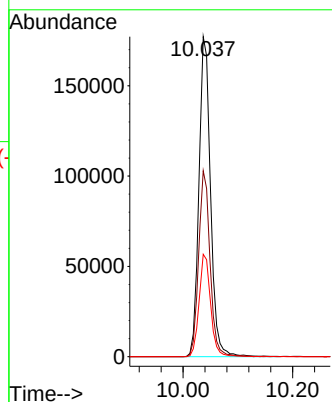
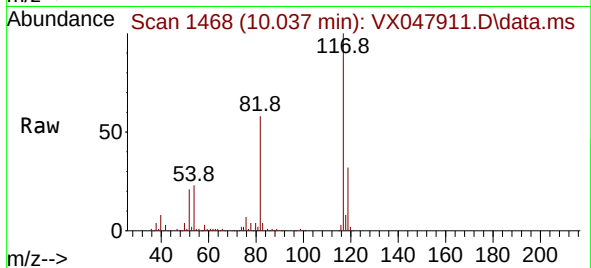
Tgt Ion:117 Resp: 261260

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.6

119 32.0 25.2 37.8



#64

Tetrachloroethene

Concen: 1.532 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047911.D

Acq: 30 Sep 2025 15:19

Tgt Ion:164 Resp: 2610

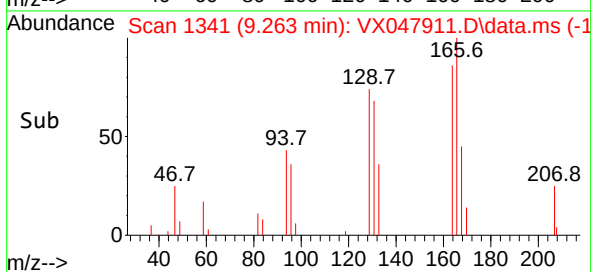
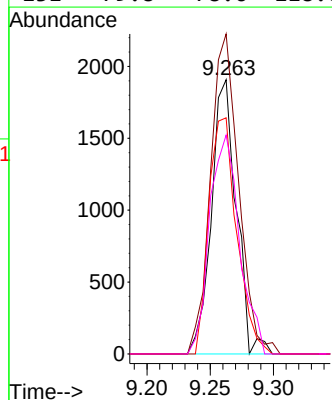
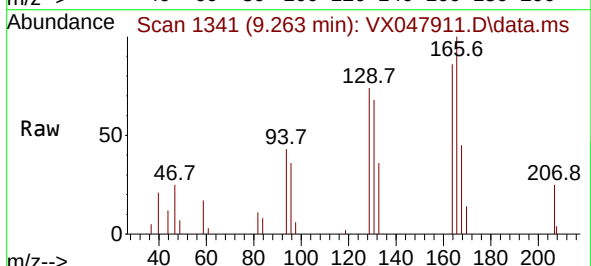
Ion Ratio Lower Upper

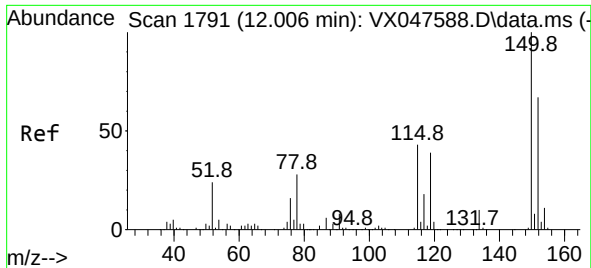
164 100

166 116.7 100.2 150.2

129 86.1 81.8 122.6

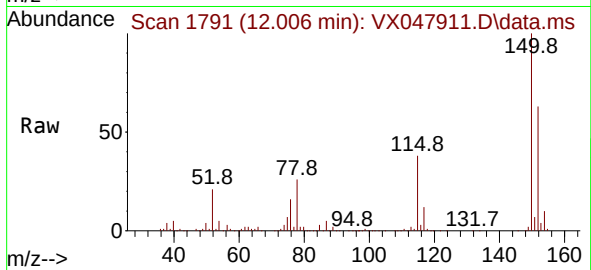
131 79.8 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047911.D
 Acq: 30 Sep 2025 15:19

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20250922



Tgt Ion:152 Resp: 132033
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.9 134.5
 150 156.7 0.0 352.0

