

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121225\
 Data File : VX048854.D
 Acq On : 12 Dec 2025 14:58
 Operator : JC/MD
 Sample : Q3835-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-7-121025

Quant Time: Dec 12 22:13:46 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)

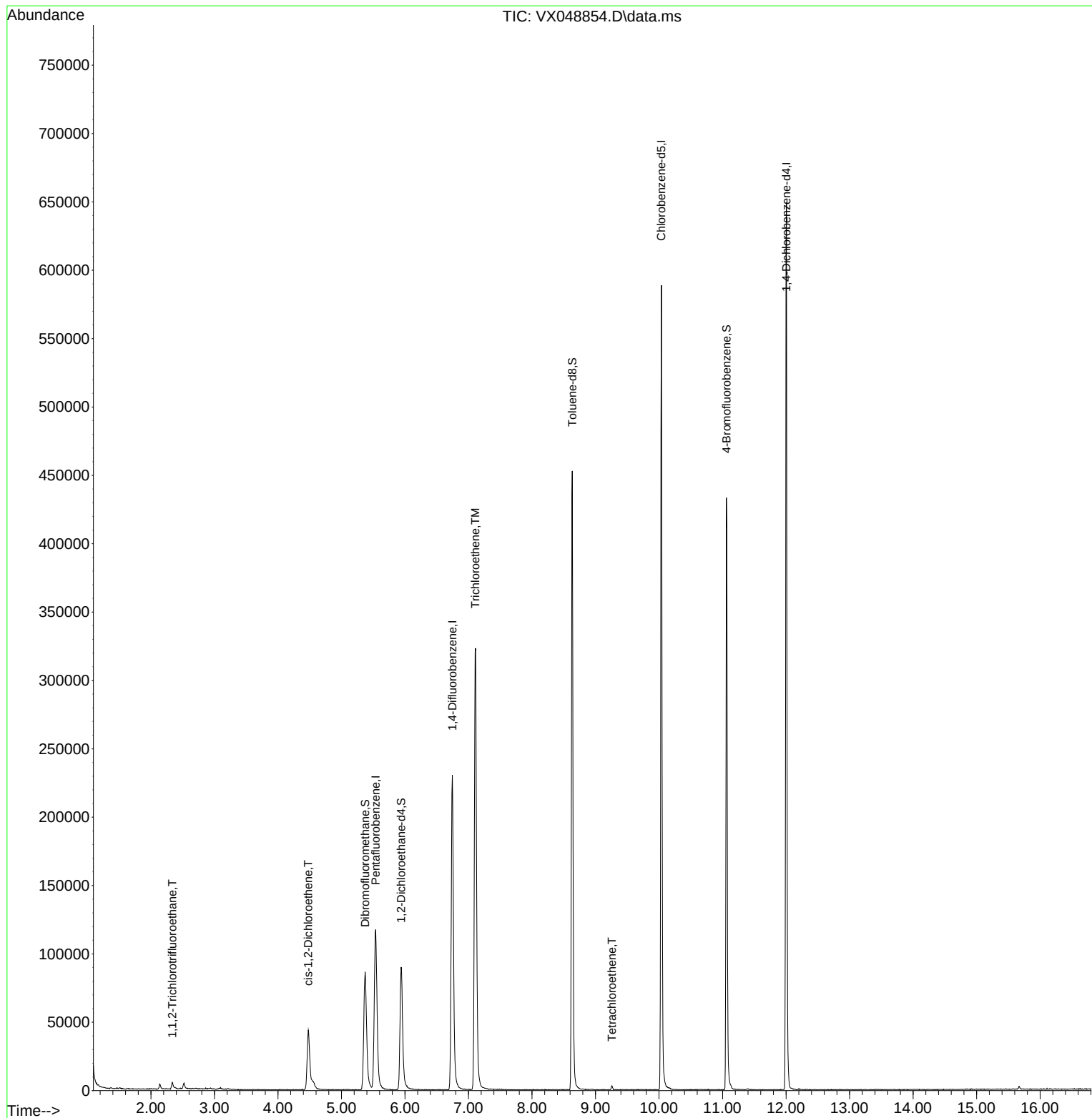
Internal Standards						
1) Pentafluorobenzene	5.537	168	121695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	97896	59.935	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	119.860%#
35) Dibromofluoromethane	5.373	113	85740	49.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	8.634	98	287523	47.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.620%
62) 4-Bromofluorobenzene	11.061	95	124757	59.526	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.060%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1967	1.421	ug/l	92
27) cis-1,2-Dichloroethene	4.477	96	31372	19.276	ug/l	96
44) Trichloroethene	7.104	130	142565	77.611	ug/l	100
64) Tetrachloroethene	9.256	164	668	0.328	ug/l #	79

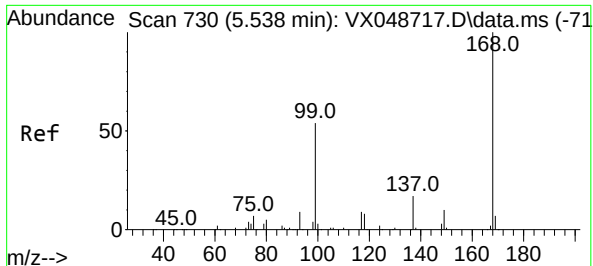
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

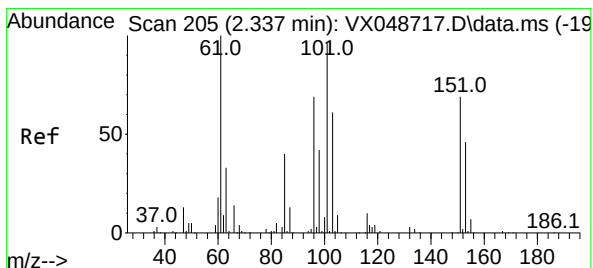
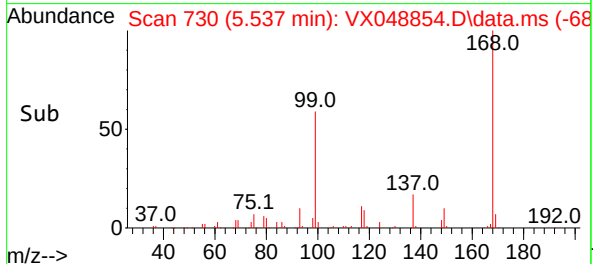
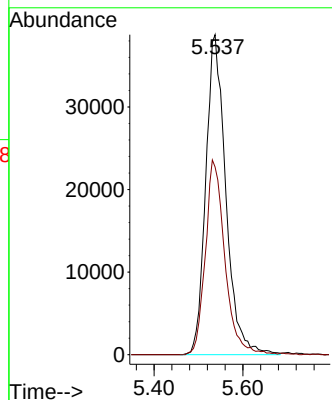
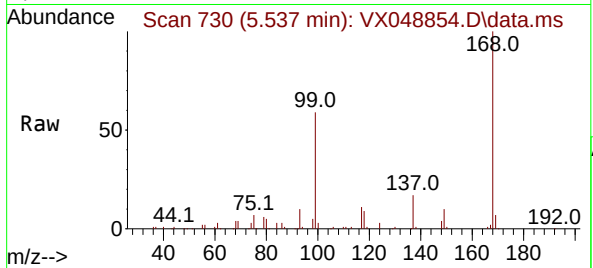




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

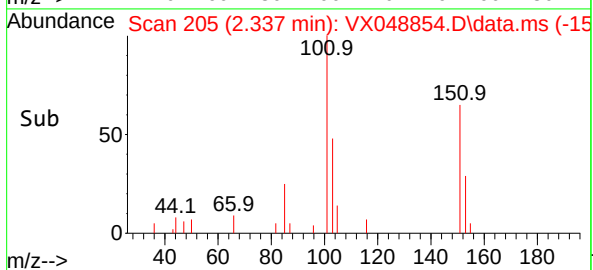
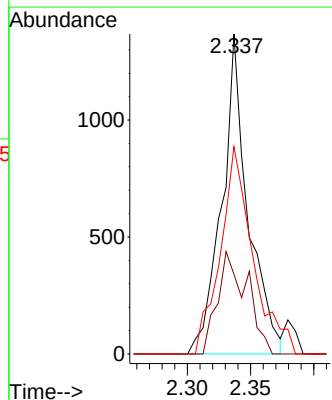
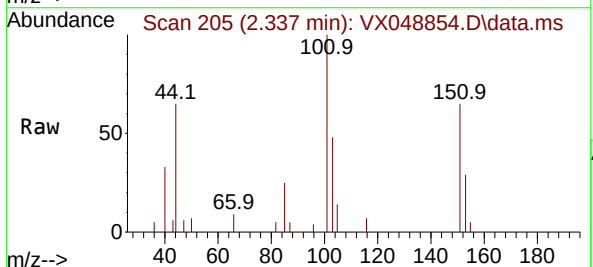
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

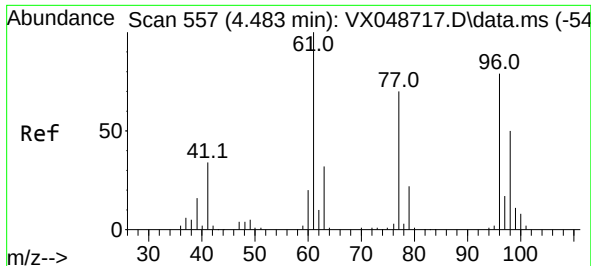
Tgt Ion:168 Resp: 121695
Ion Ratio Lower Upper
168 100
99 58.7 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.421 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:101 Resp: 1967
Ion Ratio Lower Upper
101 100
85 36.1 34.2 51.2
151 80.5 60.2 90.4





#27

cis-1,2-Dichloroethene

Concen: 19.276 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX048854.D

Acq: 12 Dec 2025 14:58

Instrument :

MSVOA_X

ClientSampleId :

MW-01-7-121025

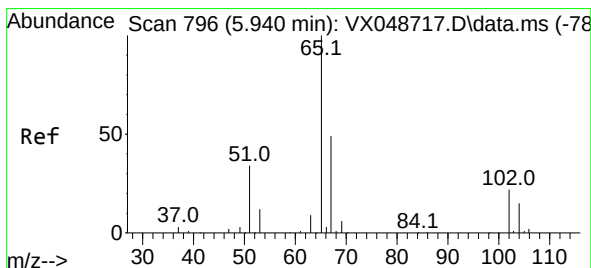
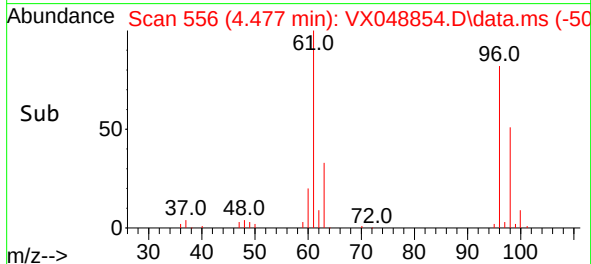
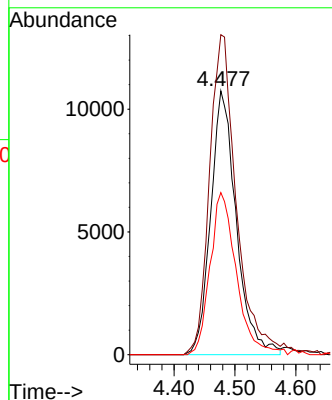
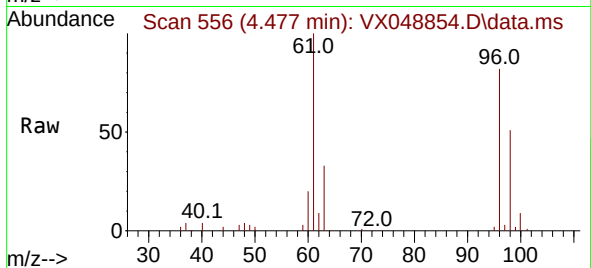
Tgt Ion: 96 Resp: 31372

Ion Ratio Lower Upper

96 100

61 129.1 0.0 271.0

98 63.2 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 59.935 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048854.D

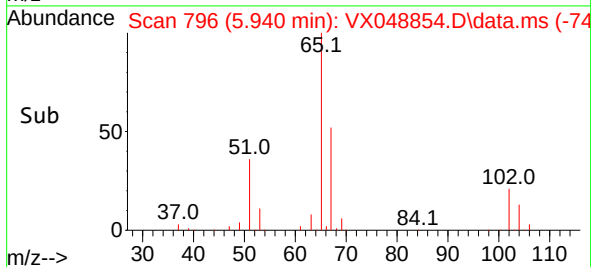
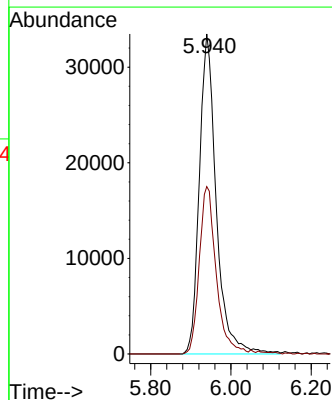
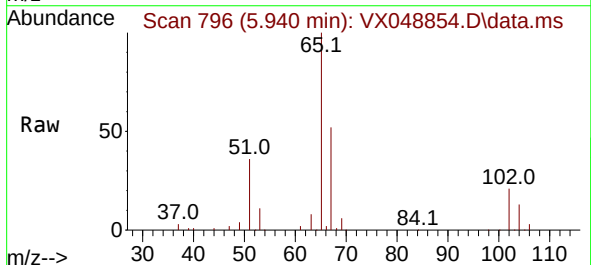
Acq: 12 Dec 2025 14:58

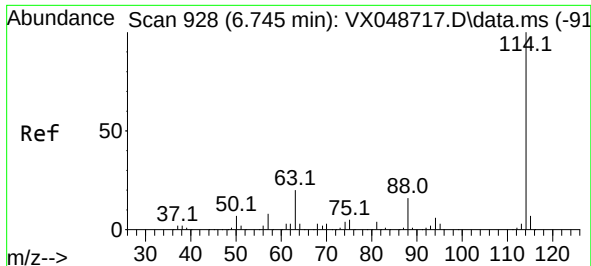
Tgt Ion: 65 Resp: 97896

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4

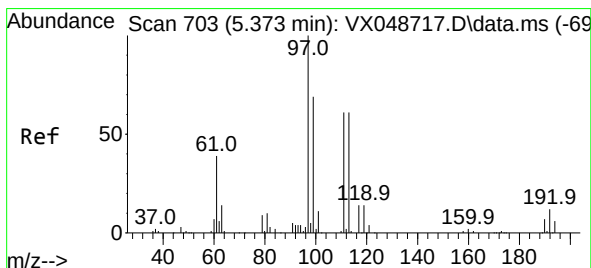
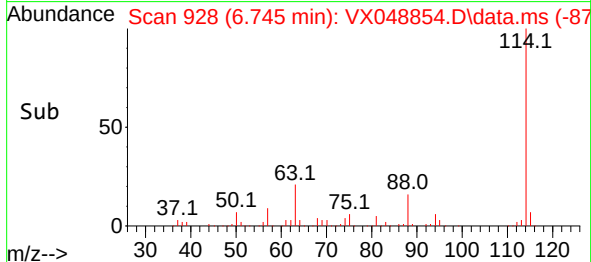
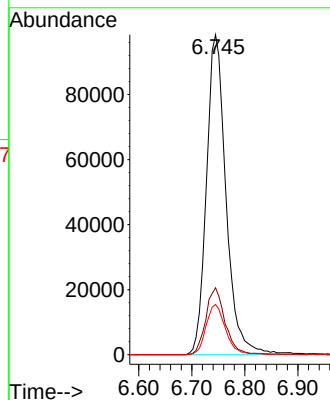
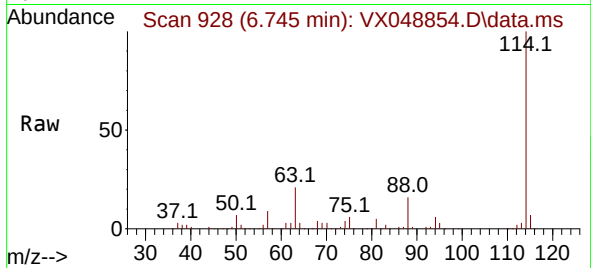




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

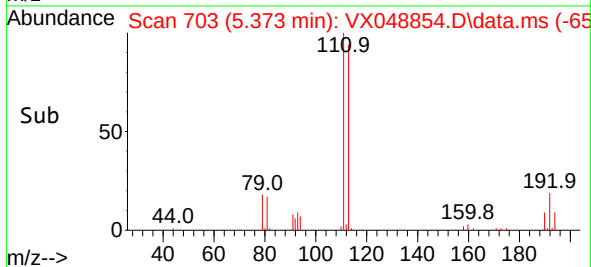
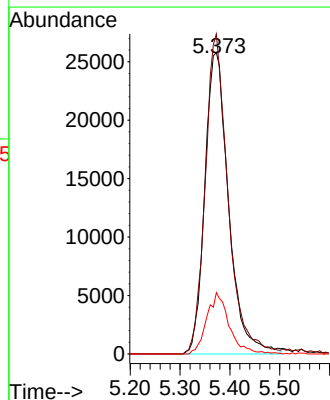
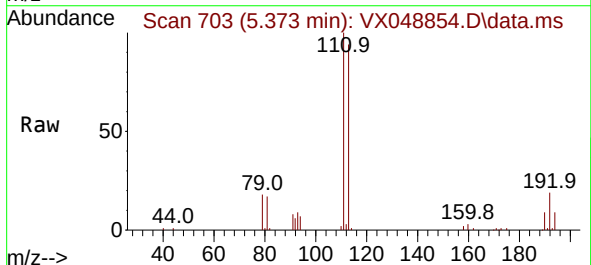
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

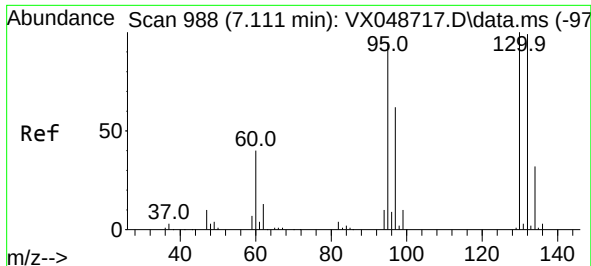
Tgt Ion:114 Resp: 251822
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.449 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:113 Resp: 85740
Ion Ratio Lower Upper
113 100
111 101.8 79.5 119.3
192 19.2 16.1 24.1

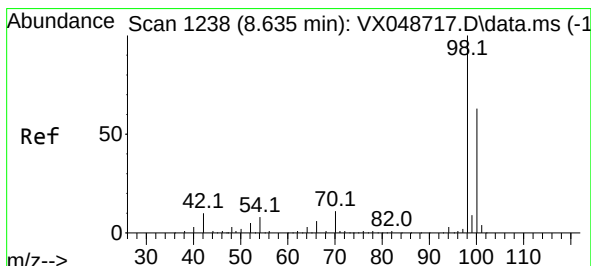
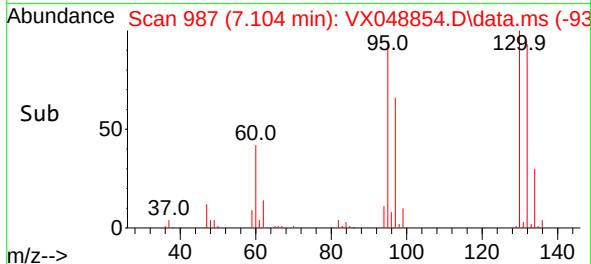
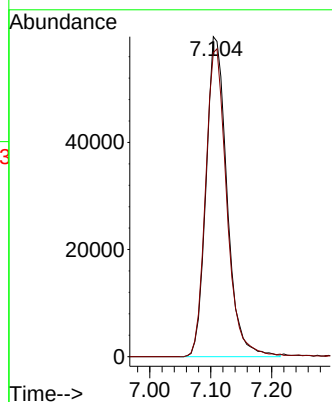
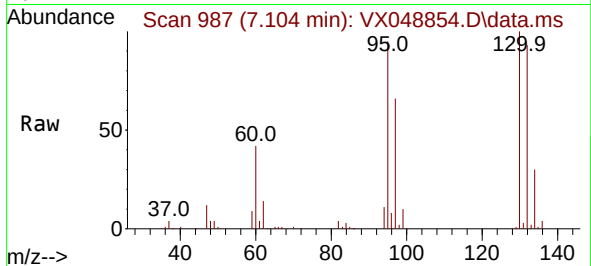




#44
 Trichloroethene
 Concen: 77.611 ug/l
 RT: 7.104 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX048854.D
 Acq: 12 Dec 2025 14:58

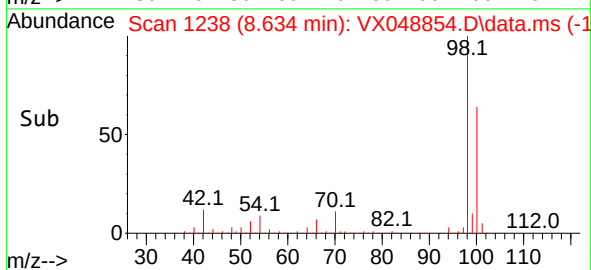
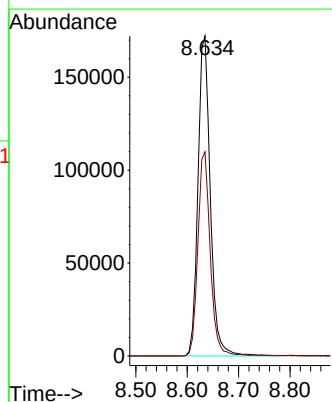
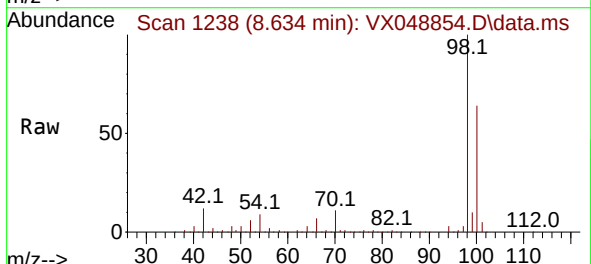
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01-7-121025

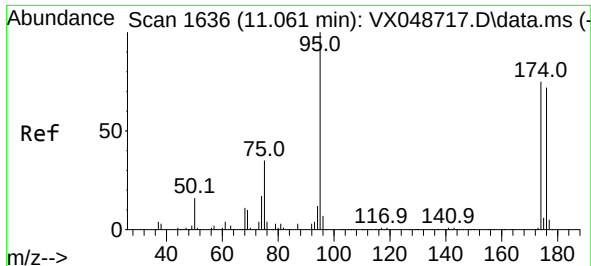
Tgt Ion:130 Resp: 142565
 Ion Ratio Lower Upper
 130 100
 95 95.0 0.0 189.6



#50
 Toluene-d8
 Concen: 47.307 ug/l
 RT: 8.634 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048854.D
 Acq: 12 Dec 2025 14:58

Tgt Ion: 98 Resp: 287523
 Ion Ratio Lower Upper
 98 100
 100 64.3 53.4 80.0

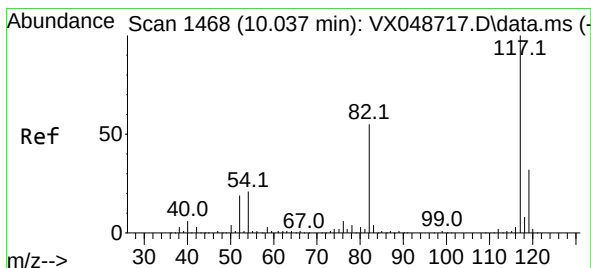
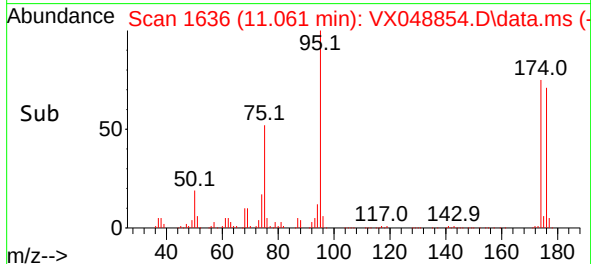
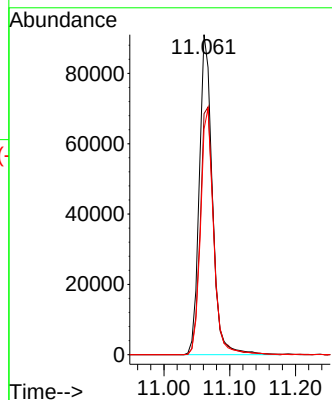
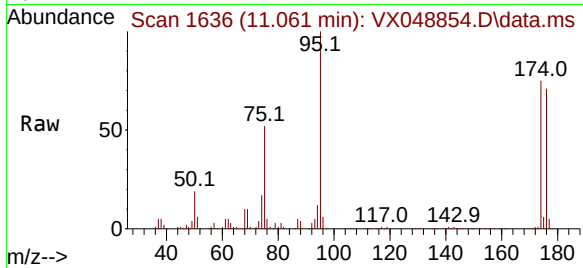




#62
4-Bromofluorobenzene
Concen: 59.526 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

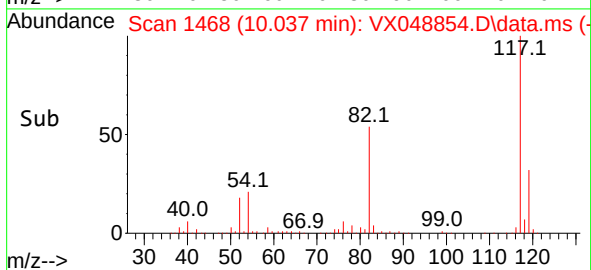
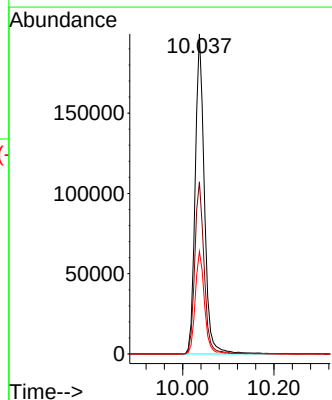
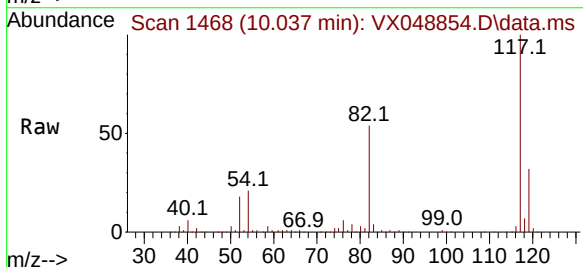
Instrument :
MSVOA_X
ClientSampleId :
MW-01-7-121025

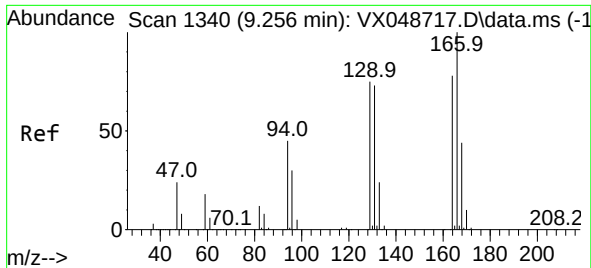
Tgt Ion: 95 Resp: 124757
Ion Ratio Lower Upper
95 100
174 80.9 0.0 157.8
176 77.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion: 117 Resp: 279208
Ion Ratio Lower Upper
117 100
82 53.8 44.1 66.1
119 32.0 25.2 37.8



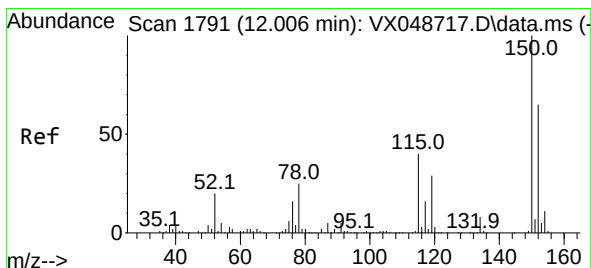
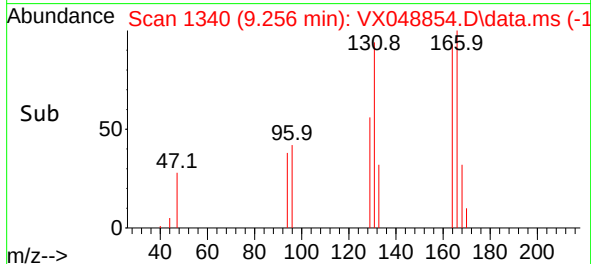
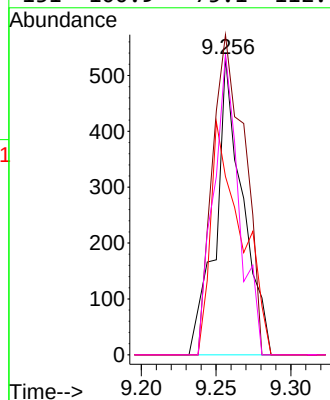
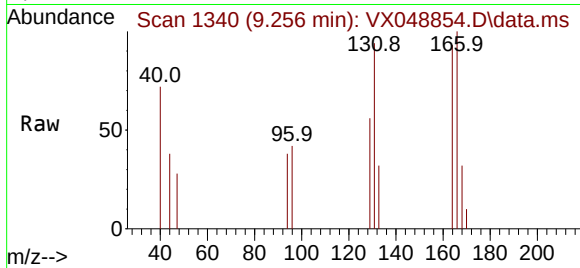


#64
Tetrachloroethene
Concen: 0.328 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 668

Ion	Ratio	Lower	Upper
164	100		
166	107.5	103.1	154.7
129	59.8	76.9	115.3#
131	100.9	75.1	112.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048854.D
Acq: 12 Dec 2025 14:58

Tgt Ion:152 Resp: 144980

Ion	Ratio	Lower	Upper
152	100		
115	59.6	42.1	126.4
150	158.9	0.0	347.8

