

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047777.D
 Acq On : 24 Sep 2025 15:44
 Operator : JC/MD
 Sample : Q3097-23DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912DL

Quant Time: Sep 25 01:17:08 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)

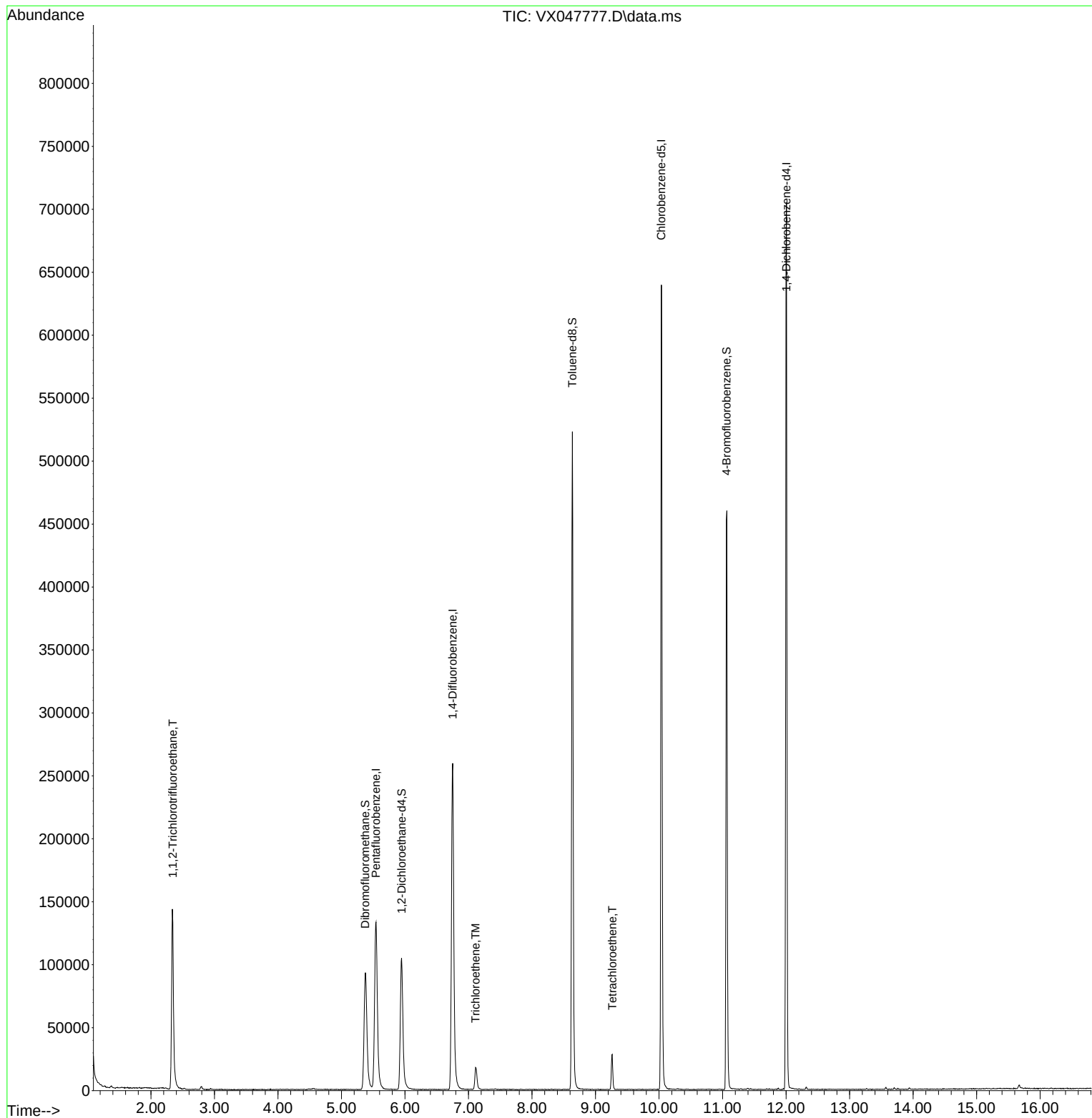
Internal Standards						
1) Pentafluorobenzene	5.544	168	133853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	286287	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	148581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112208	52.665	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.320%	
35) Dibromofluoromethane	5.373	113	91965	47.899	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.800%	
50) Toluene-d8	8.634	98	319132	48.036	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.080%	
62) 4-Bromofluorobenzene	11.061	95	137327	54.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.940%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	67631	43.684	ug/l	98
44) Trichloroethene	7.110	130	8324	4.041	ug/l	92
64) Tetrachloroethene	9.262	164	5711	3.011	ug/l	92

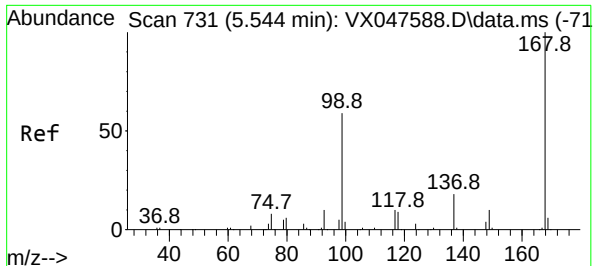
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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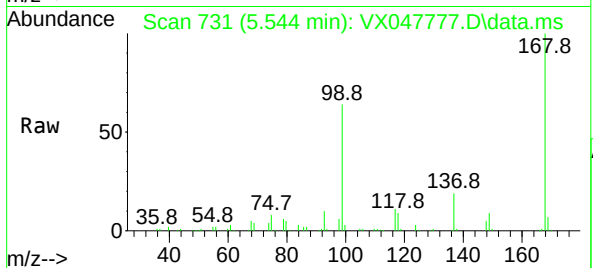
Quant Time: Sep 25 01:17:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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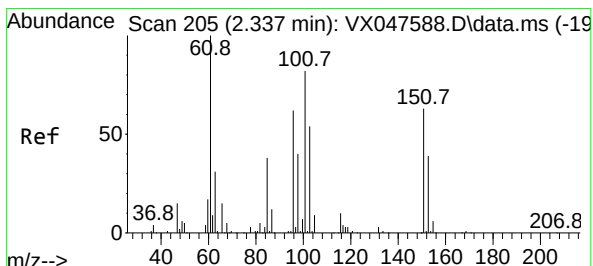
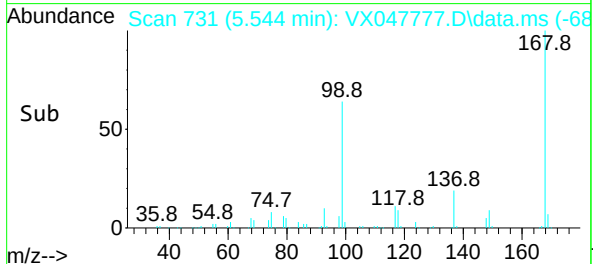
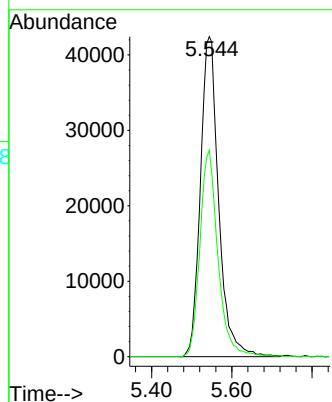


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912DL

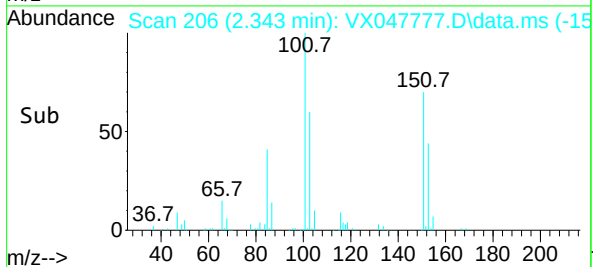
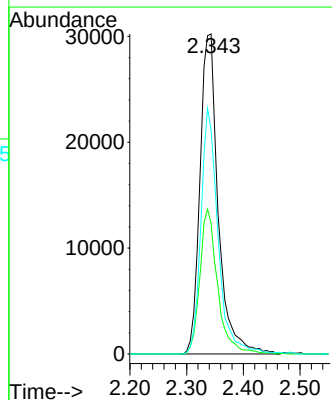
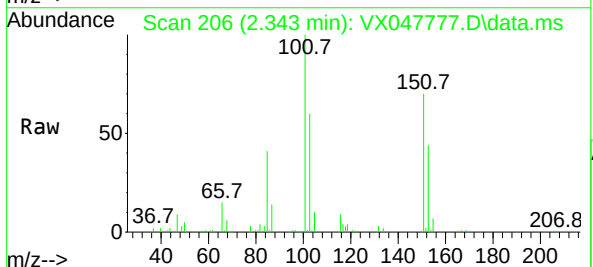


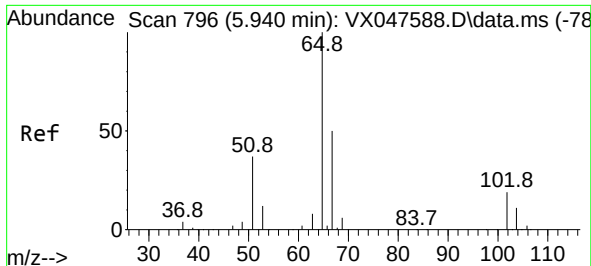
Tgt Ion:168 Resp: 133853
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.684 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

Tgt Ion:101 Resp: 67631
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 72.3 59.4 89.0

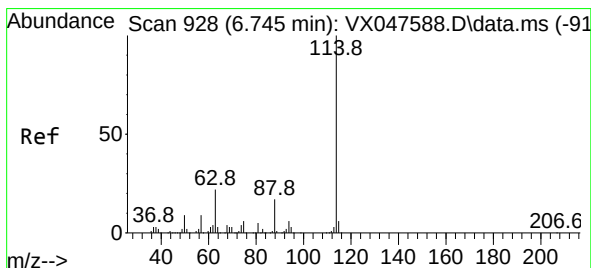
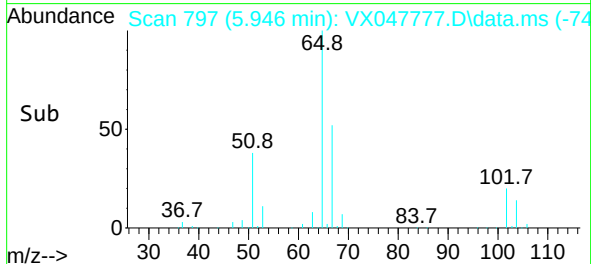
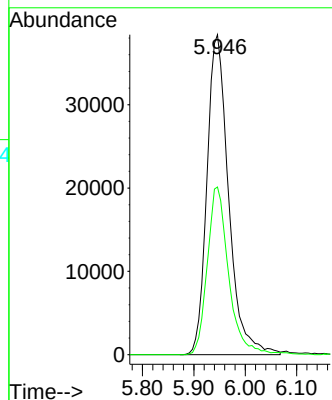
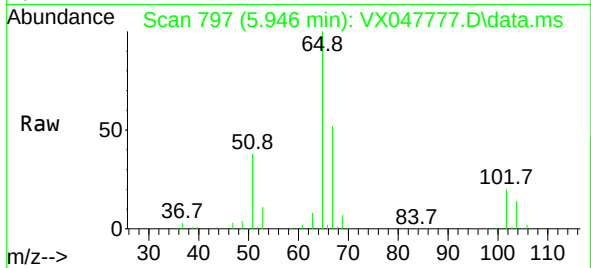




#33
 1,2-Dichloroethane-d4
 Concen: 52.665 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047777.D
 Acq: 24 Sep 2025 15:44

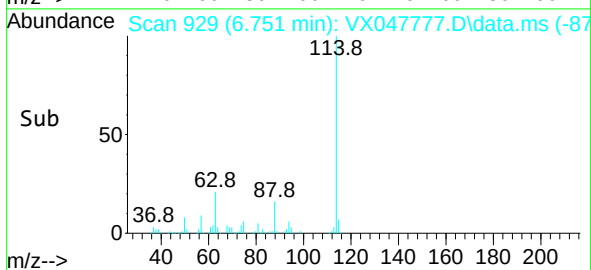
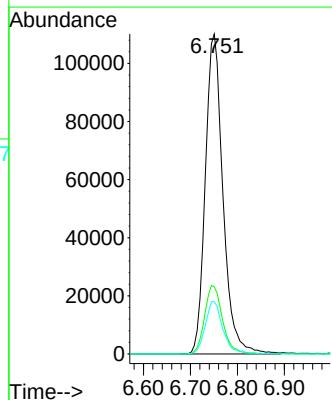
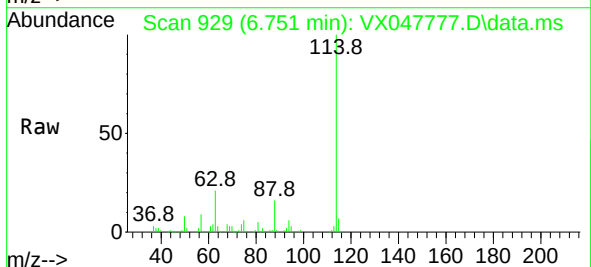
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912DL

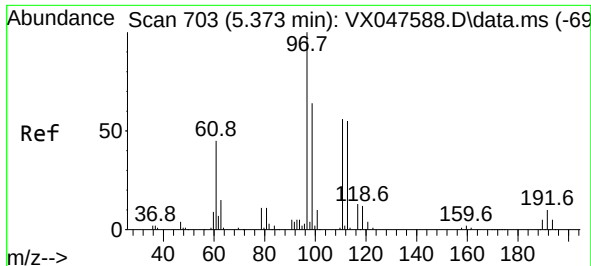
Tgt Ion: 65 Resp: 112208
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047777.D
 Acq: 24 Sep 2025 15:44

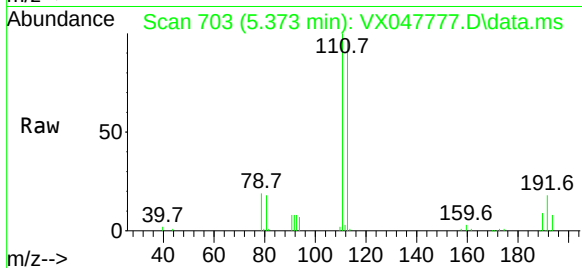
Tgt Ion: 114 Resp: 286287
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.0
 88 16.4 0.0 34.2



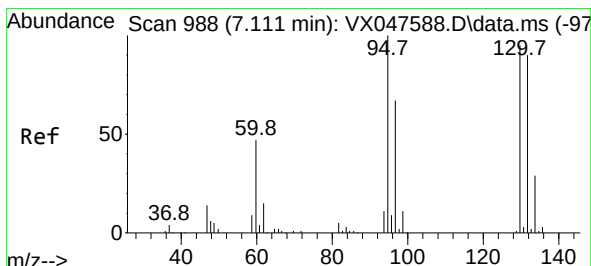
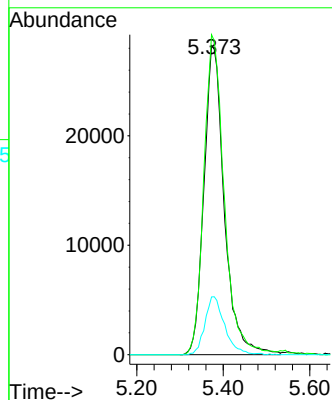
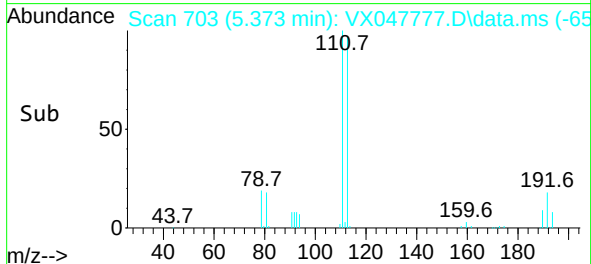


#35
Dibromofluoromethane
Concen: 47.899 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912DL

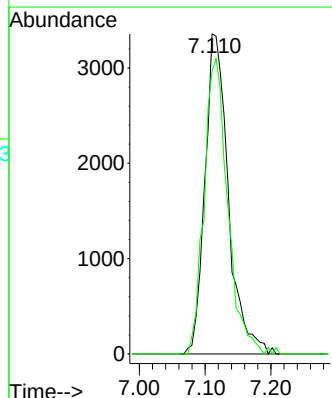
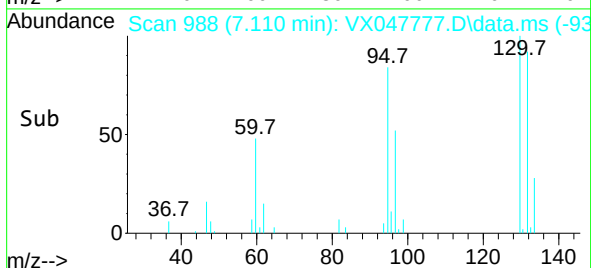
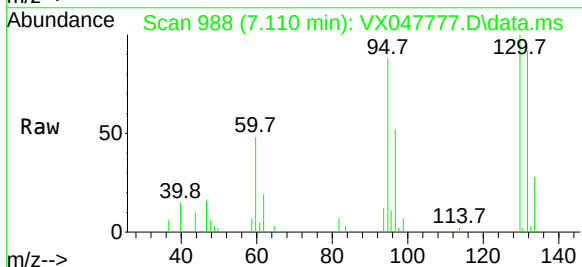


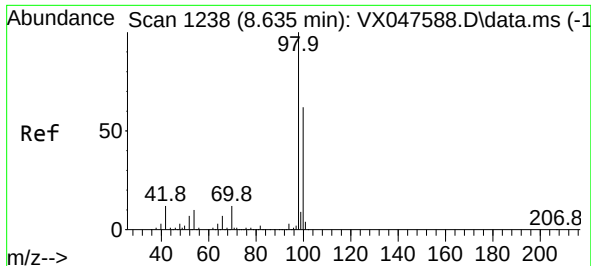
Tgt Ion:113 Resp: 91965
Ion Ratio Lower Upper
113 100
111 103.9 80.9 121.3
192 18.2 14.2 21.4



#44
Trichloroethene
Concen: 4.041 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

Tgt Ion:130 Resp: 8324
Ion Ratio Lower Upper
130 100
95 97.3 0.0 210.8

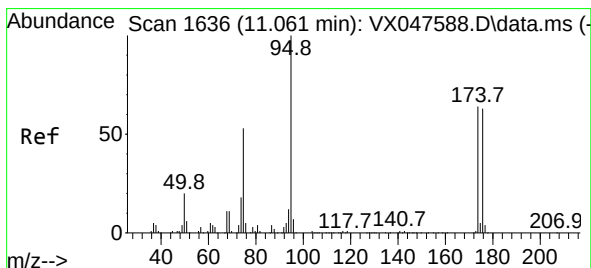
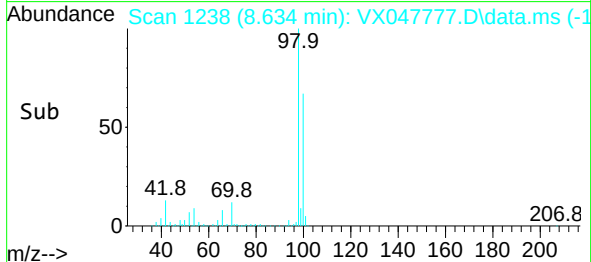
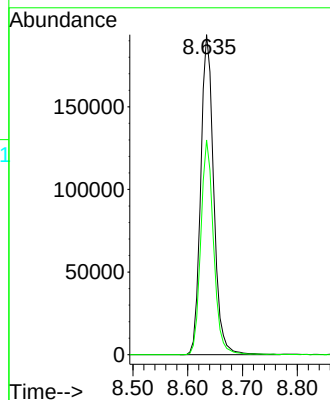
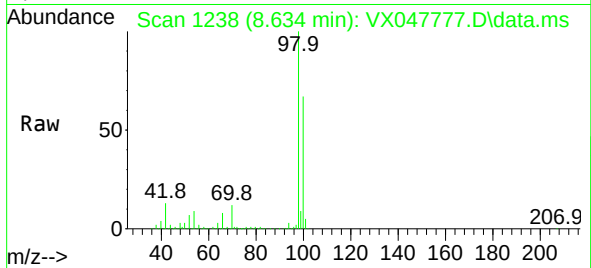




#50
Toluene-d8
Concen: 48.036 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

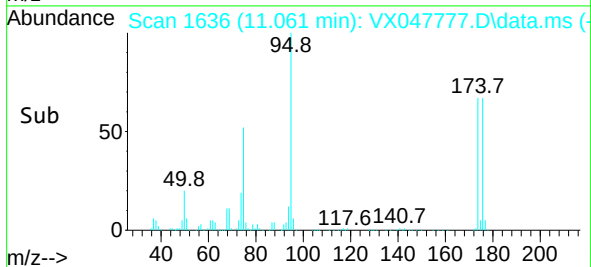
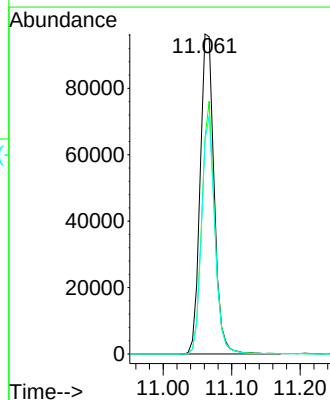
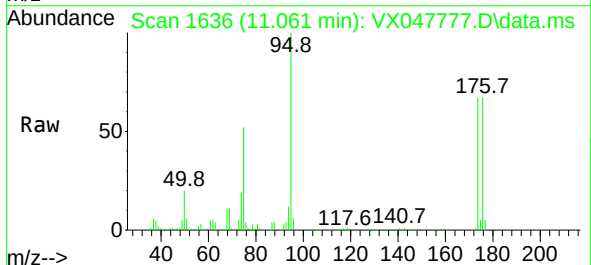
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20250912DL

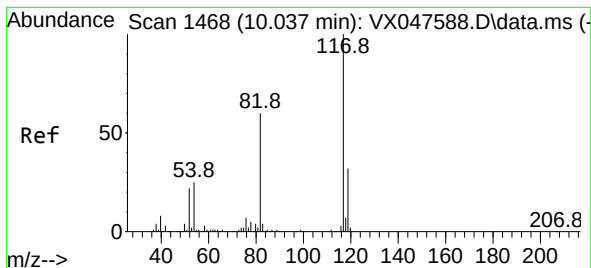
Tgt Ion: 98 Resp: 319132
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.466 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047777.D
Acq: 24 Sep 2025 15:44

Tgt Ion: 95 Resp: 137327
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 70.4 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: VX047777.D

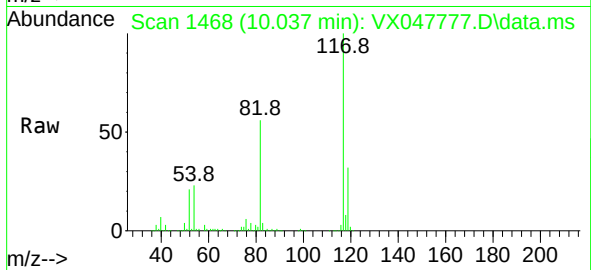
Acq: 24 Sep 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20250912DL



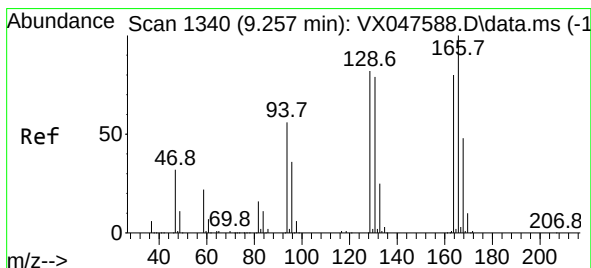
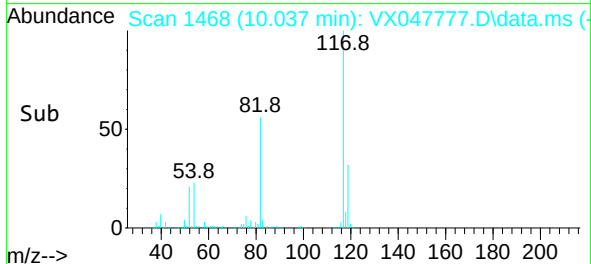
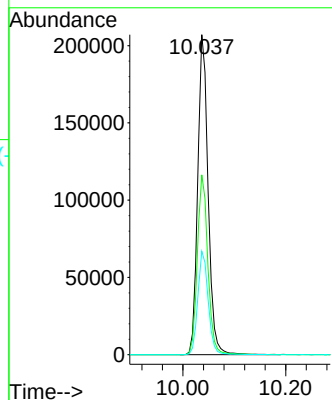
Tgt Ion:117 Resp: 290978

Ion Ratio Lower Upper

117 100

82 56.2 47.8 71.6

119 32.3 25.2 37.8



#64

Tetrachloroethene

Concen: 3.011 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047777.D

Acq: 24 Sep 2025 15:44

Tgt Ion:164 Resp: 5711

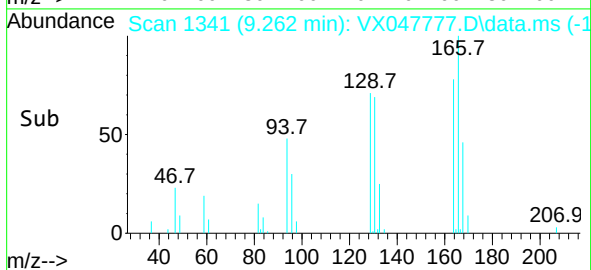
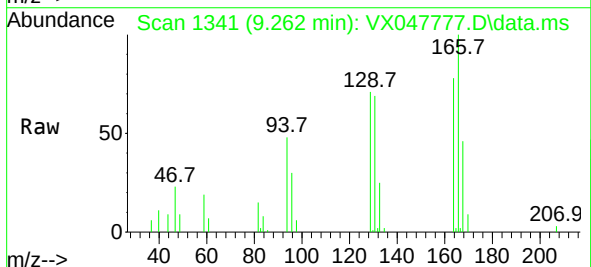
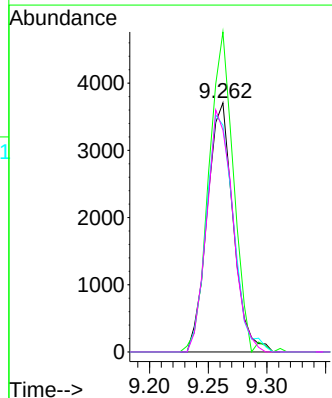
Ion Ratio Lower Upper

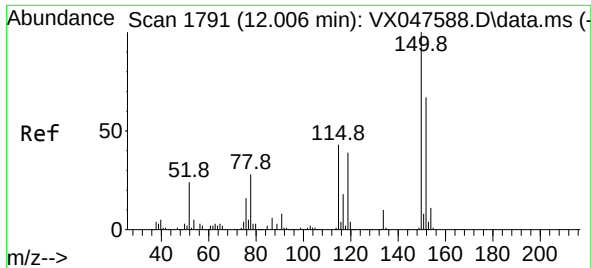
164 100

166 131.6 100.2 150.2

129 91.1 81.8 122.6

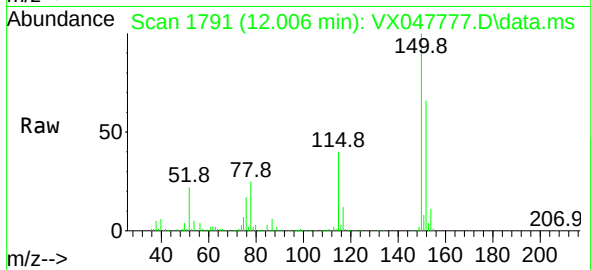
131 89.1 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047777.D
 Acq: 24 Sep 2025 15:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20250912DL



Tgt Ion:	152	Resp:	148581
Ion	Ratio	Lower	Upper
152	100		
115	62.4	44.9	134.5
150	158.4	0.0	352.0

