

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047856.D
 Acq On : 26 Sep 2025 14:25
 Operator : JC/MD
 Sample : Q3156-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250918DL

Quant Time: Sep 26 23:15:30 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)

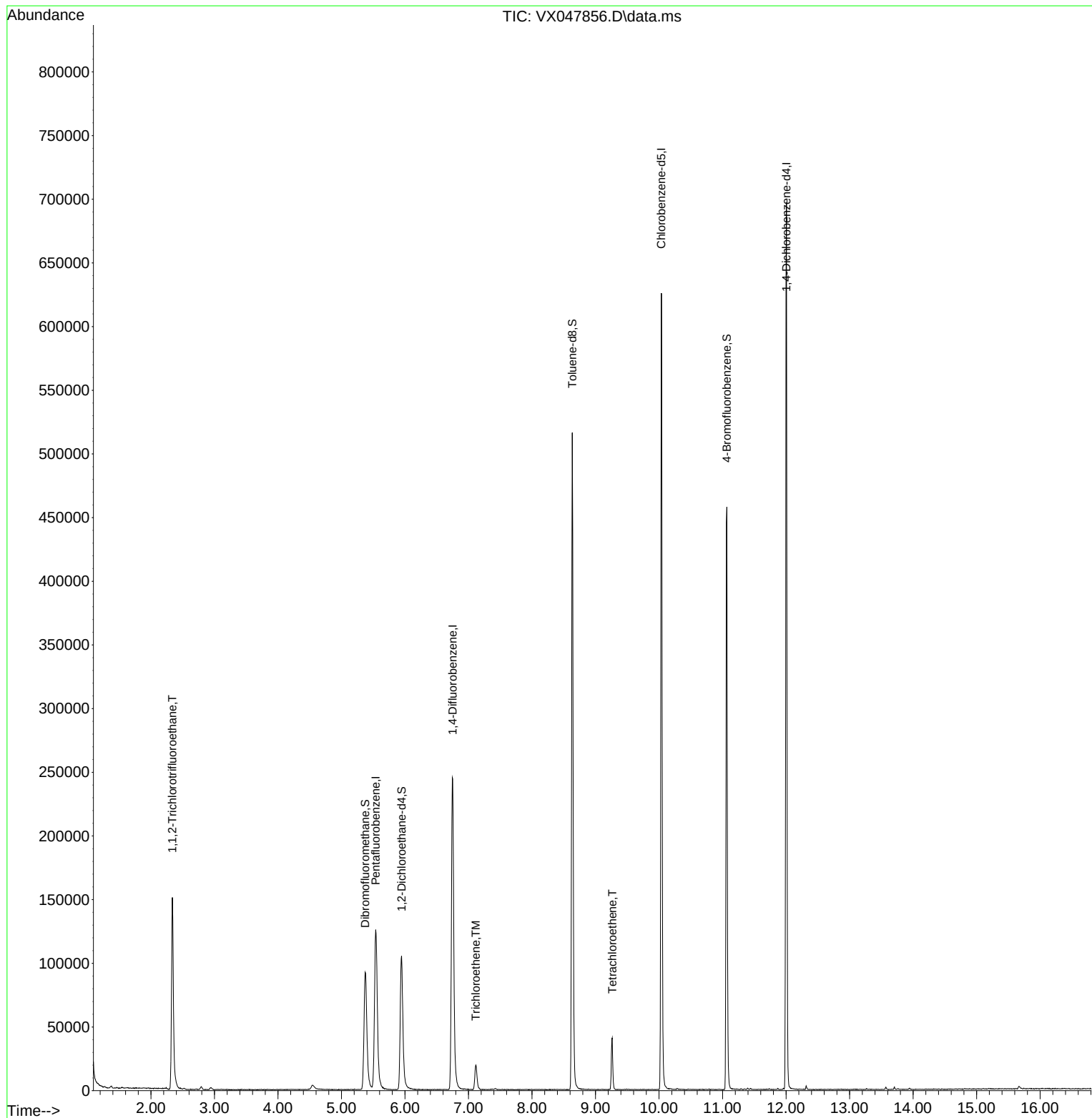
Internal Standards						
1) Pentafluorobenzene	5.538	168	130144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271994	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	282345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114592	55.317	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.640%	
35) Dibromofluoromethane	5.373	113	92353	50.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.635	98	313095	49.604	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	11.067	95	132823	55.447	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.900%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	69023	45.853	ug/l	99
44) Trichloroethene	7.117	130	8326	4.254	ug/l	88
64) Tetrachloroethene	9.263	164	8006	4.350	ug/l	96

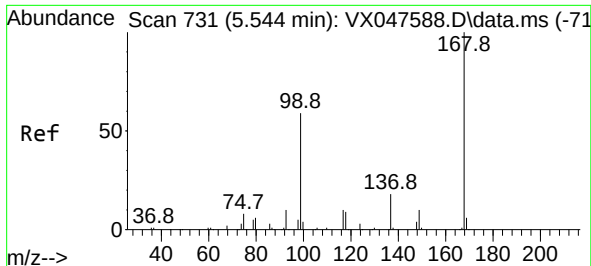
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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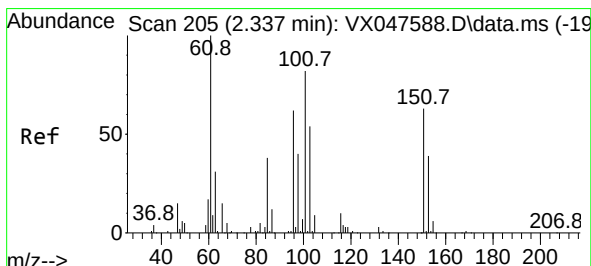
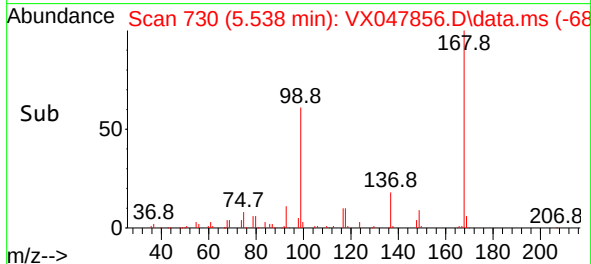
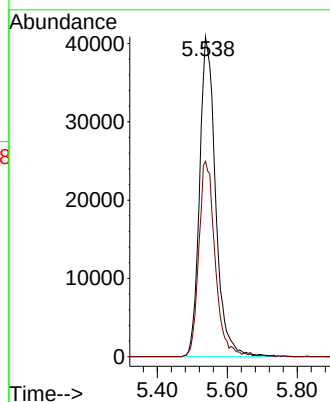
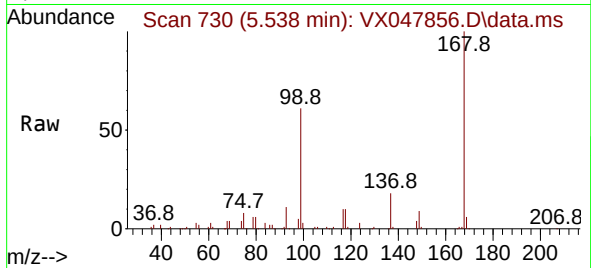




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

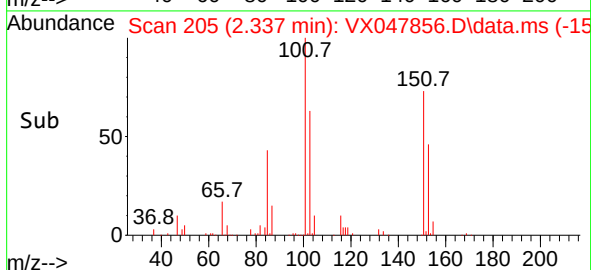
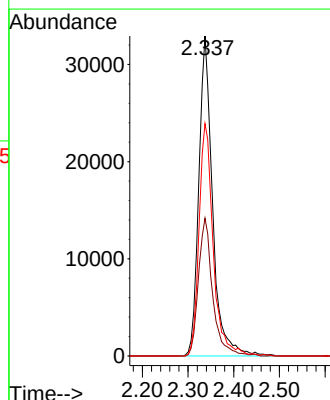
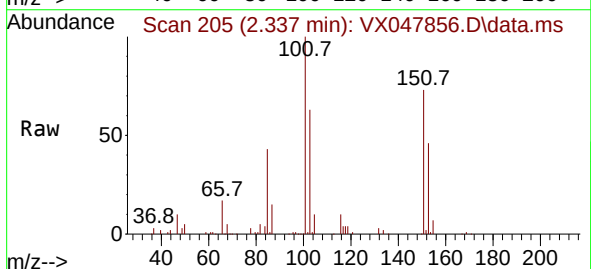
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250918DL

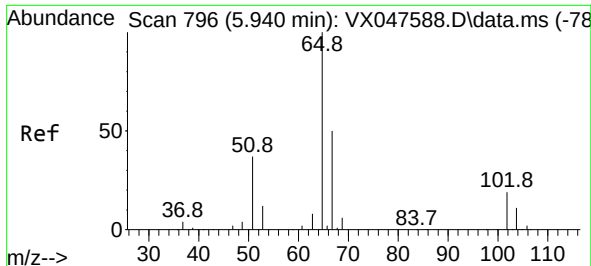
Tgt Ion:168 Resp: 130144
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.853 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

Tgt Ion:101 Resp: 69023
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 75.0 59.4 89.0

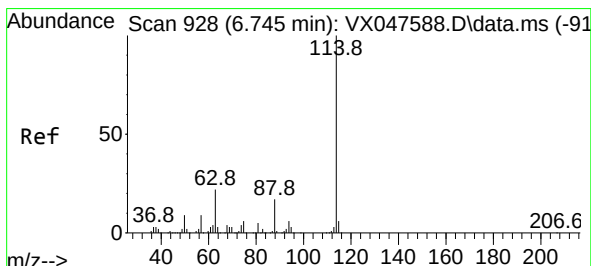
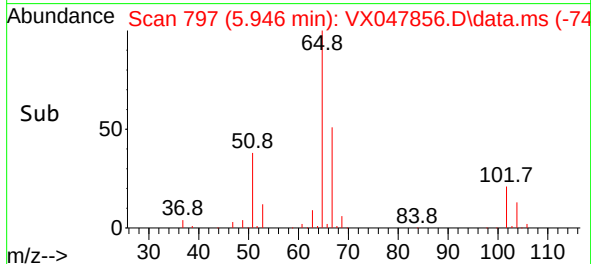
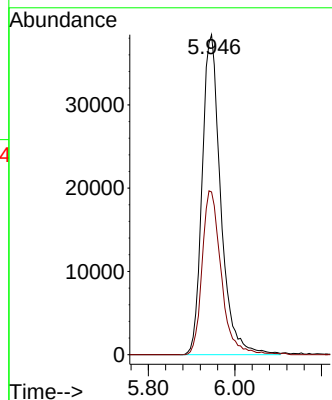
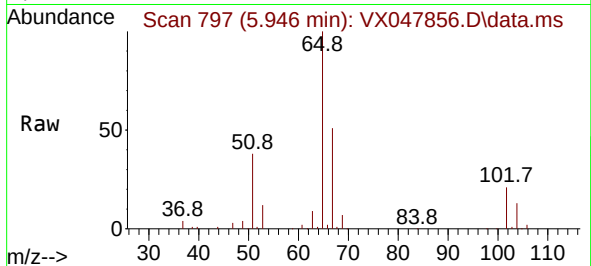




#33
 1,2-Dichloroethane-d4
 Concen: 55.317 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047856.D
 Acq: 26 Sep 2025 14:25

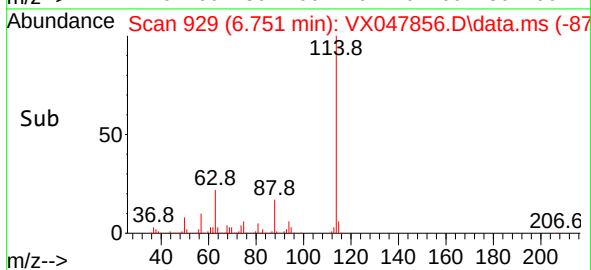
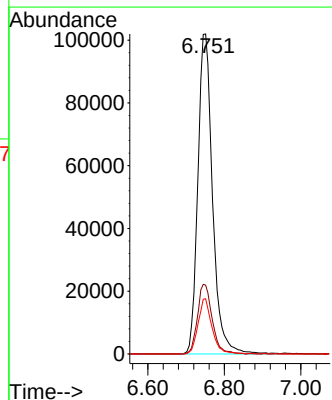
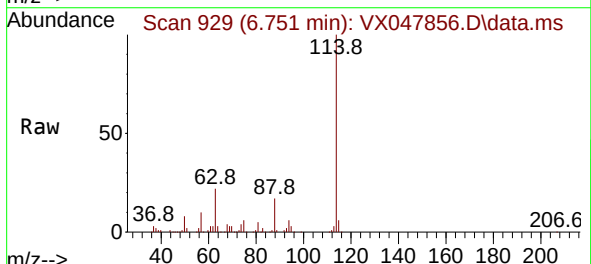
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250918DL

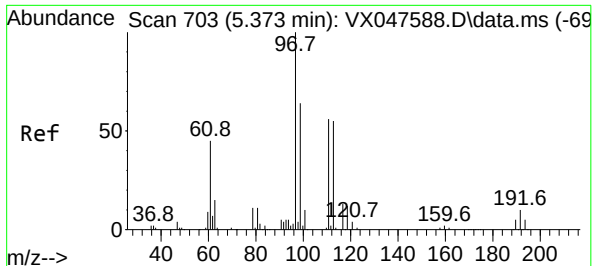
Tgt Ion: 65 Resp: 114592
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047856.D
 Acq: 26 Sep 2025 14:25

Tgt Ion: 114 Resp: 271994
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 44.0
 88 17.2 0.0 34.2

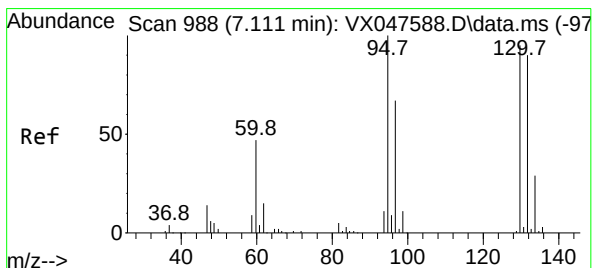
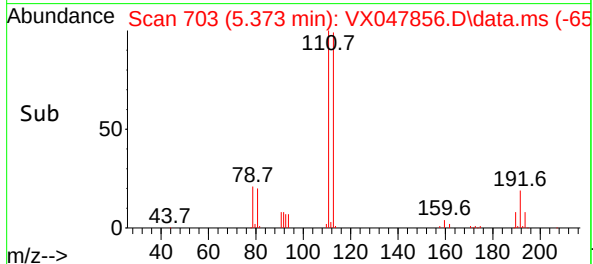
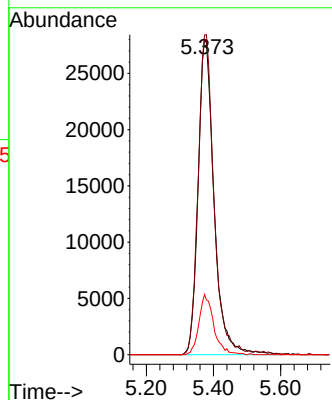
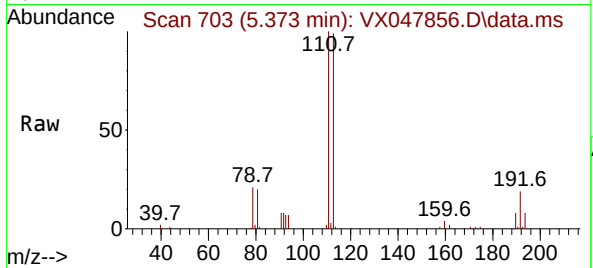




#35
Dibromofluoromethane
Concen: 50.628 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

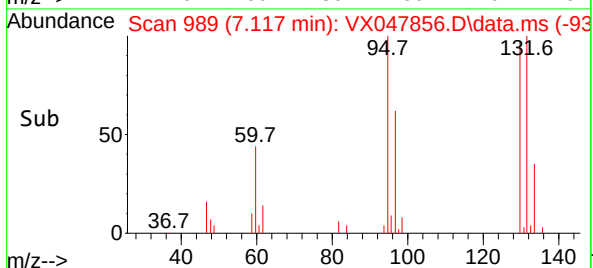
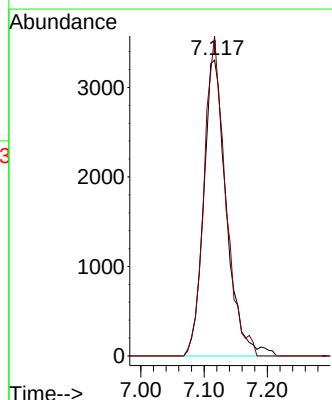
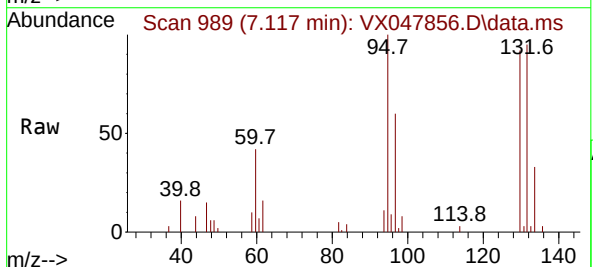
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250918DL

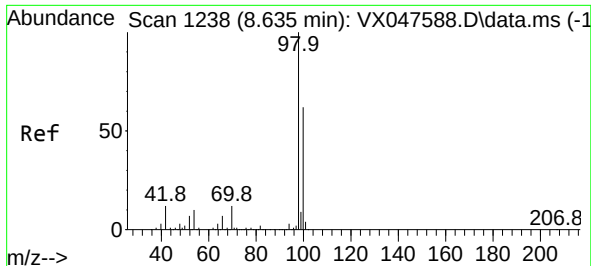
Tgt Ion:113 Resp: 92353
Ion Ratio Lower Upper
113 100
111 100.7 80.9 121.3
192 17.8 14.2 21.4



#44
Trichloroethene
Concen: 4.254 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

Tgt Ion:130 Resp: 8326
Ion Ratio Lower Upper
130 100
95 117.4 0.0 210.8

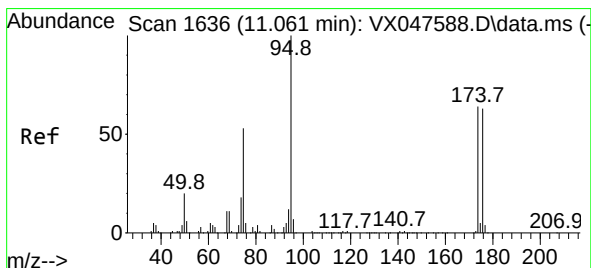
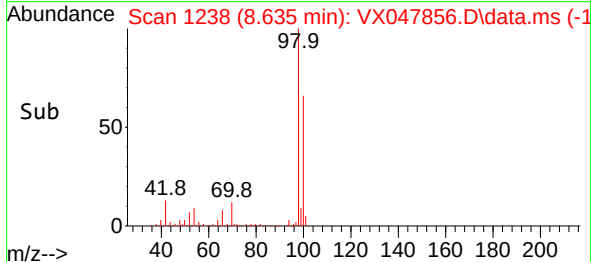
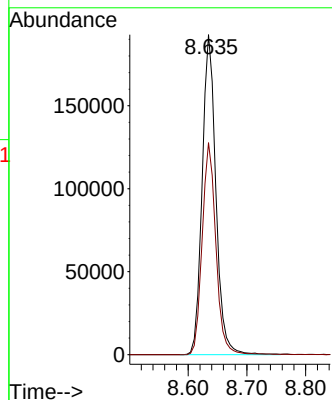
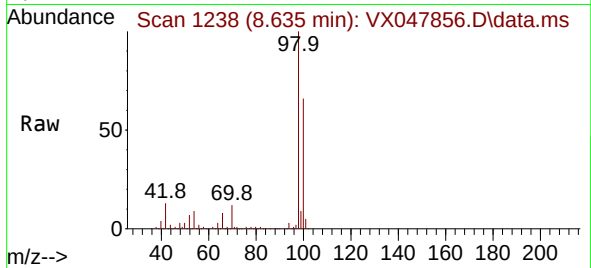




#50
Toluene-d8
Concen: 49.604 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

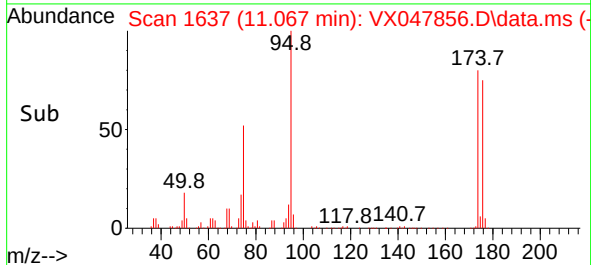
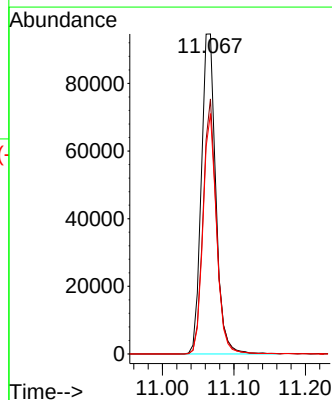
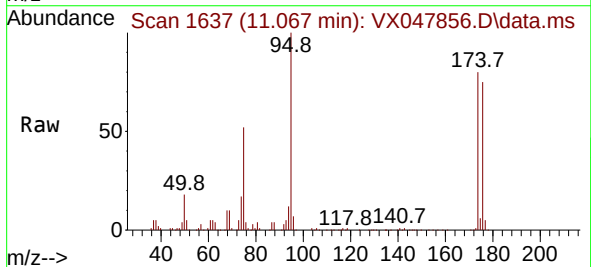
Instrument :
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ClientSampleId :
RE131D3-20250918DL

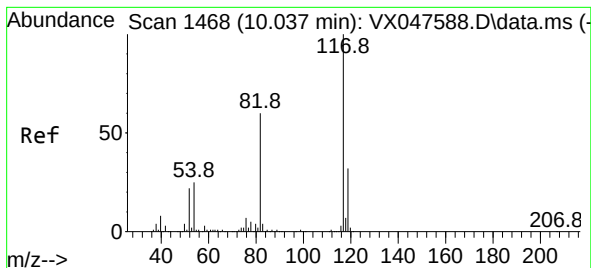
Tgt Ion: 98 Resp: 313095
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.447 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047856.D
Acq: 26 Sep 2025 14:25

Tgt Ion: 95 Resp: 132823
Ion Ratio Lower Upper
95 100
174 74.0 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: VX047856.D

Acq: 26 Sep 2025 14:25

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250918DL

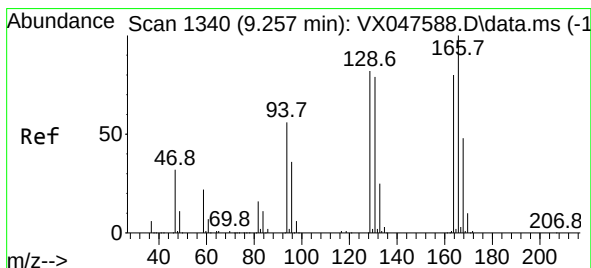
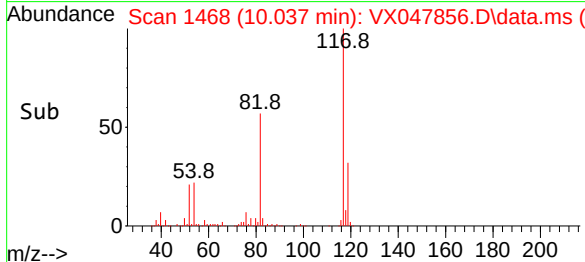
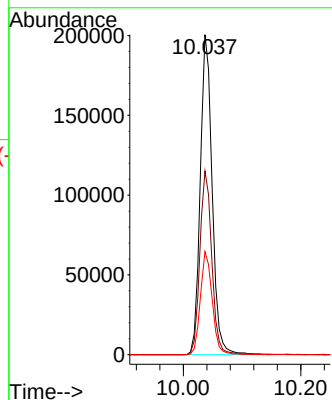
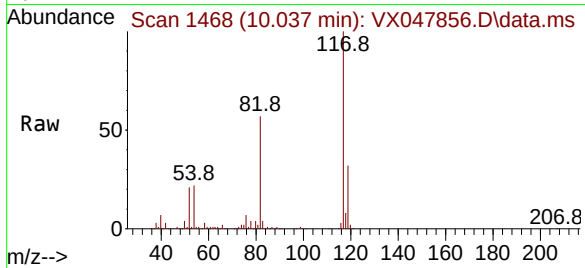
Tgt Ion:117 Resp: 282345

Ion Ratio Lower Upper

117 100

82 57.4 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 4.350 ug/l

RT: 9.263 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX047856.D

Acq: 26 Sep 2025 14:25

Tgt Ion:164 Resp: 8006

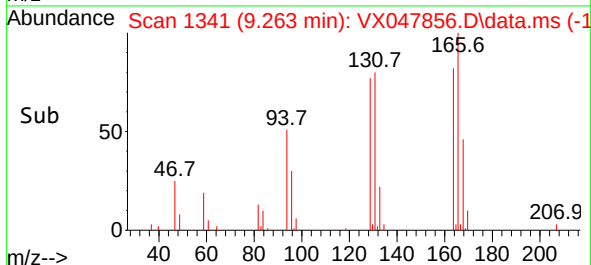
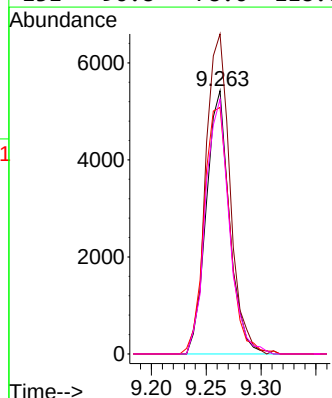
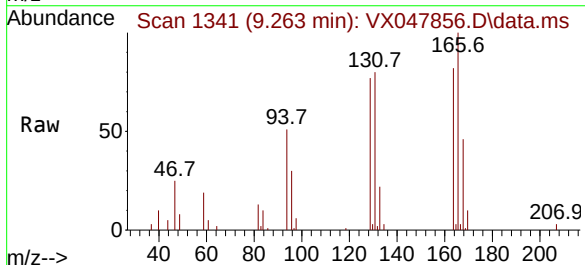
Ion Ratio Lower Upper

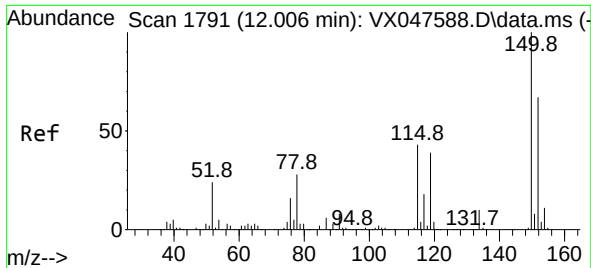
164 100

166 121.6 100.2 150.2

129 93.7 81.8 122.6

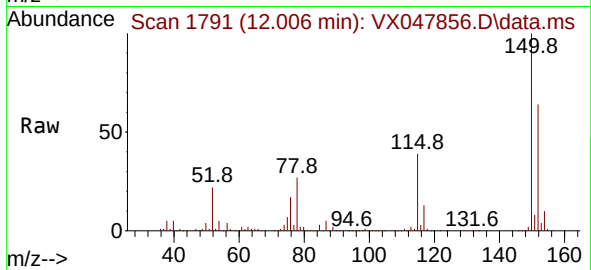
131 96.8 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047856.D
 Acq: 26 Sep 2025 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250918DL



Tgt Ion:152 Resp: 144496
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 155.3 0.0 352.0

