

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047697.D
 Acq On : 22 Sep 2025 12:44
 Operator : JC/MD
 Sample : Q3097-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20250911

Quant Time: Sep 23 01:32:42 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)

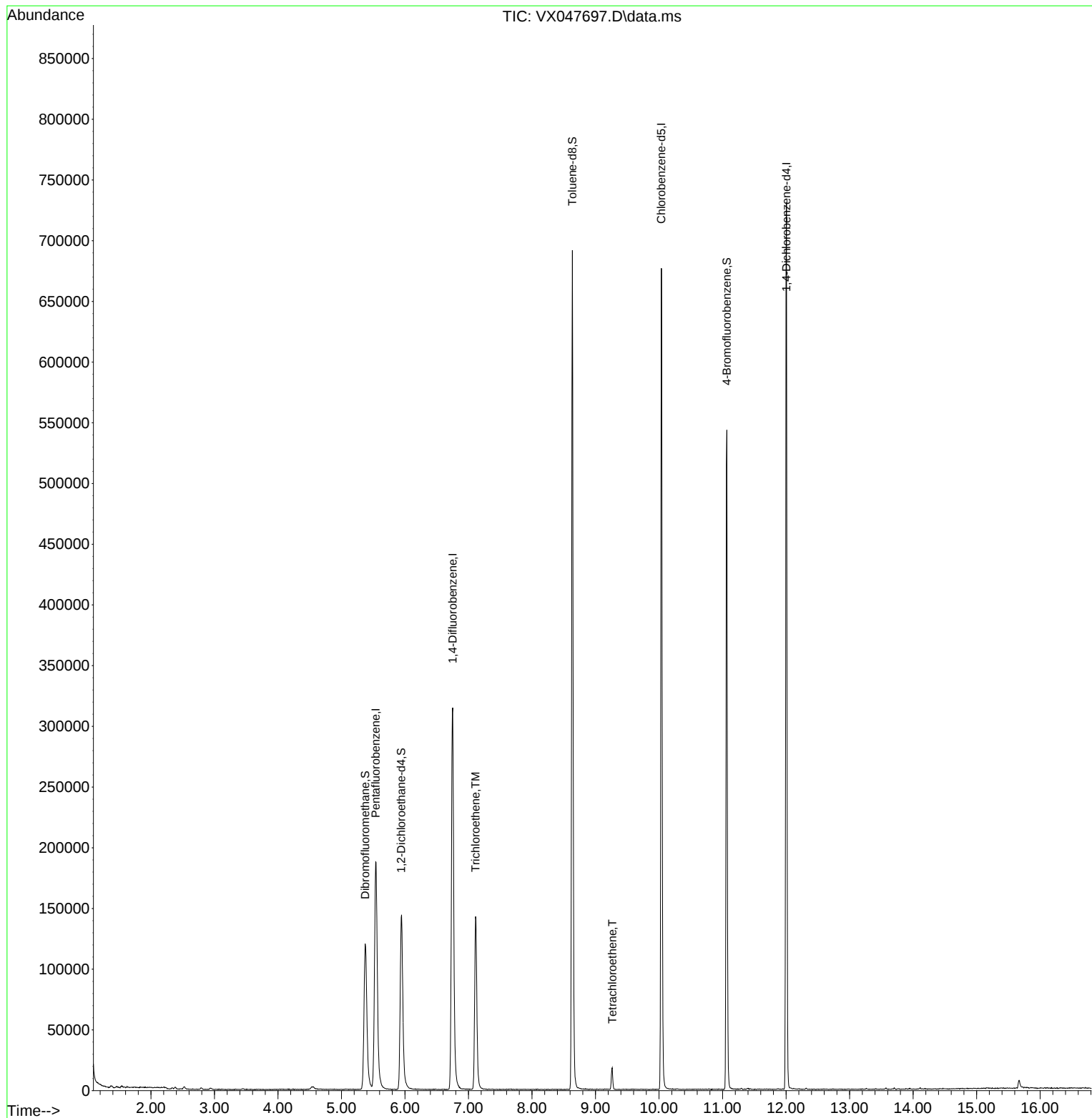
Internal Standards						
1) Pentafluorobenzene	5.538	168	188813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	347701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	313912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	156802	52.173	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.340%	
35) Dibromofluoromethane	5.373	113	118807	50.949	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.635	98	415067	51.441	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.880%	
62) 4-Bromofluorobenzene	11.067	95	157359	51.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.780%	
Target Compounds						
					Qvalue	
44) Trichloroethene	7.110	130	60076	24.011	ug/l	95
64) Tetrachloroethene	9.262	164	3707	1.811	ug/l	91

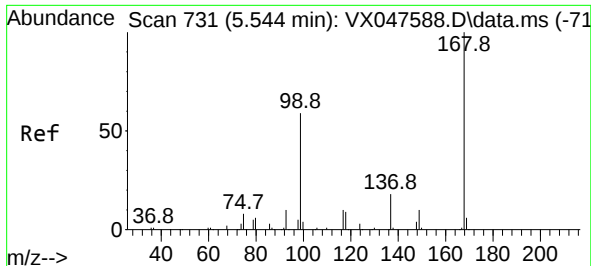
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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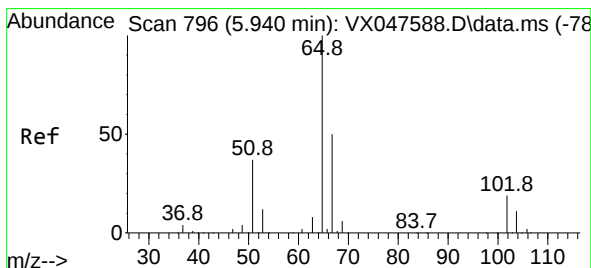
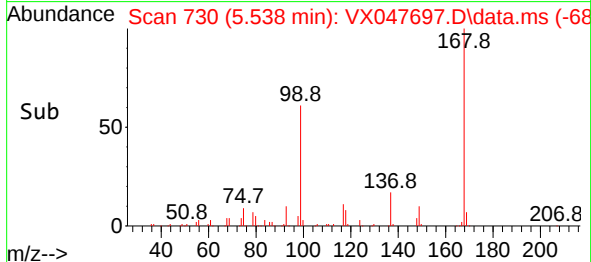
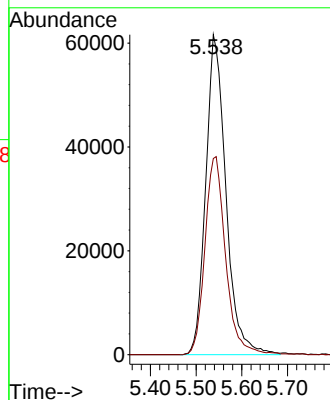
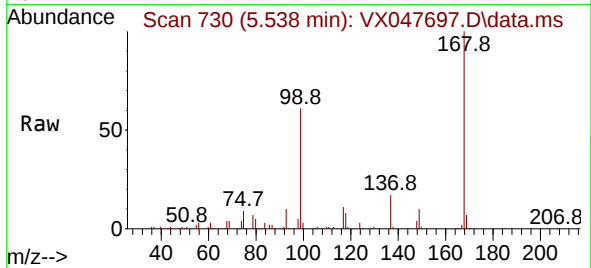




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

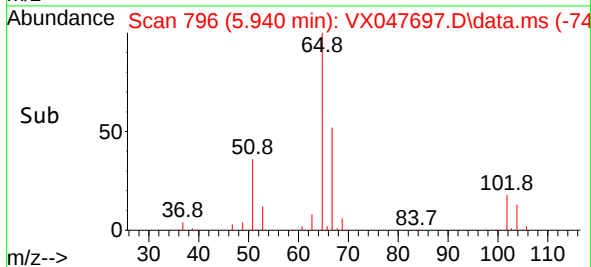
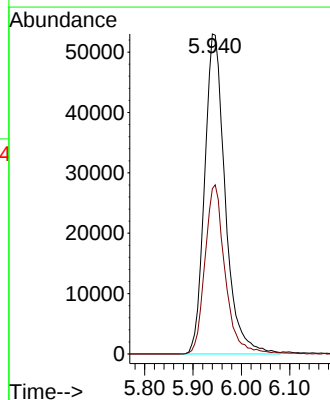
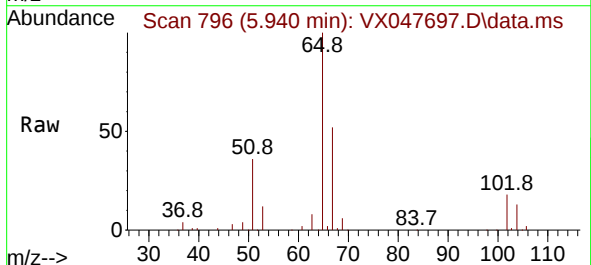
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20250911

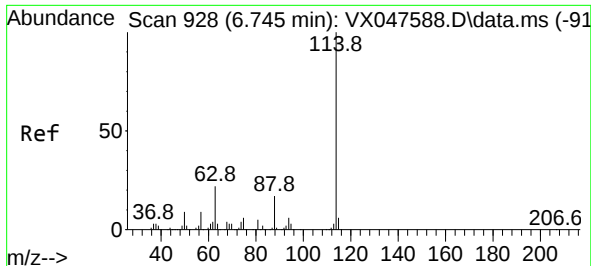
Tgt Ion:168 Resp: 188813
Ion Ratio Lower Upper
168 100
99 61.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.173 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Tgt Ion: 65 Resp: 156802
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0

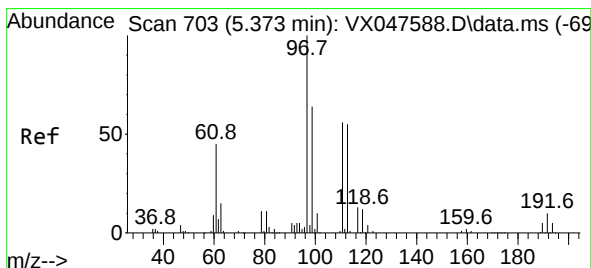
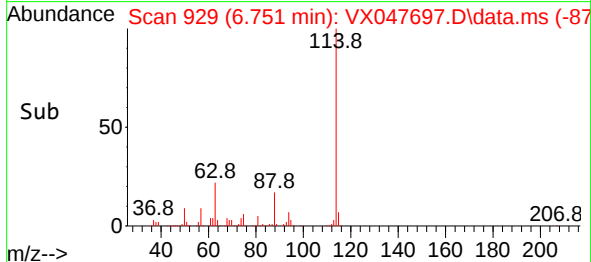
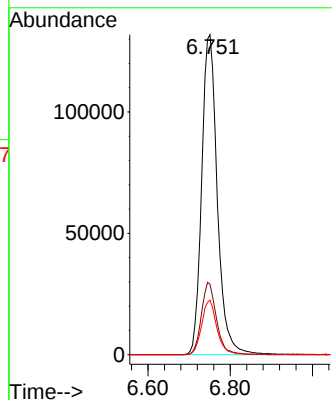
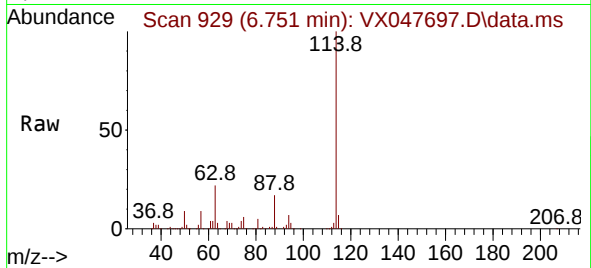




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

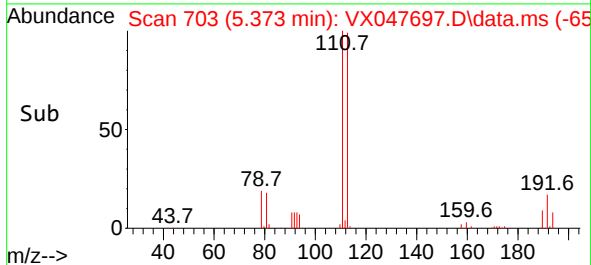
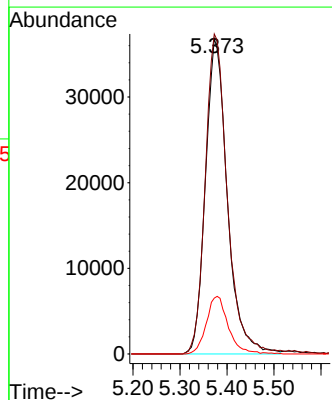
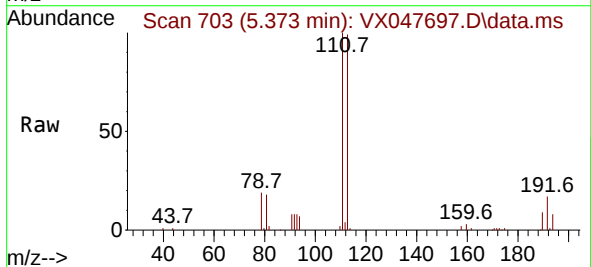
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20250911

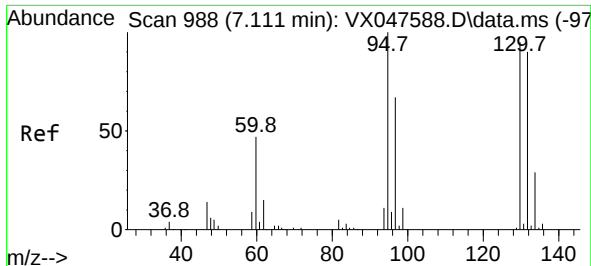
Tgt Ion:114 Resp: 347701
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.949 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Tgt Ion:113 Resp: 118807
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 18.4 14.2 21.4

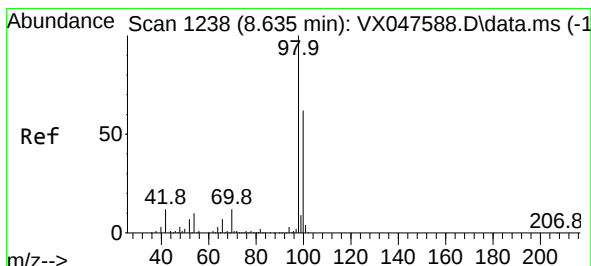
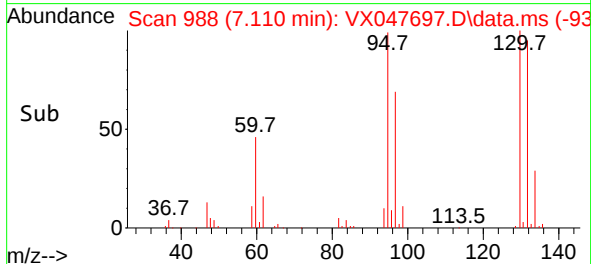
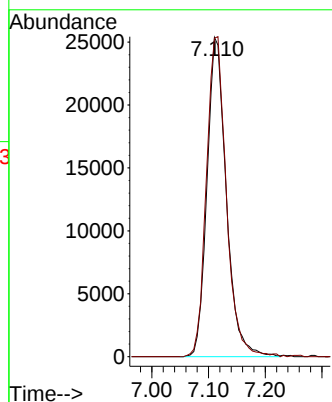
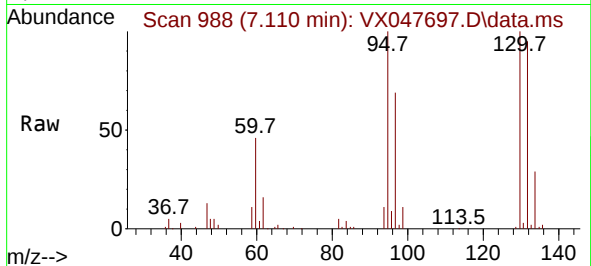




#44
Trichloroethene
Concen: 24.011 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

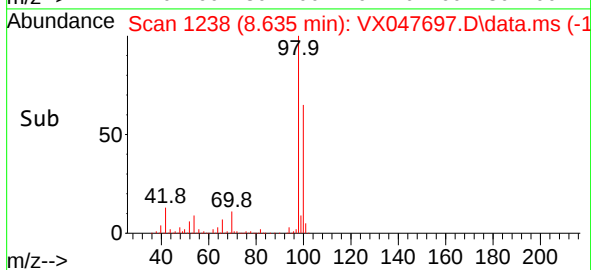
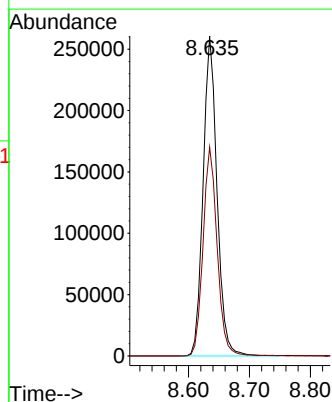
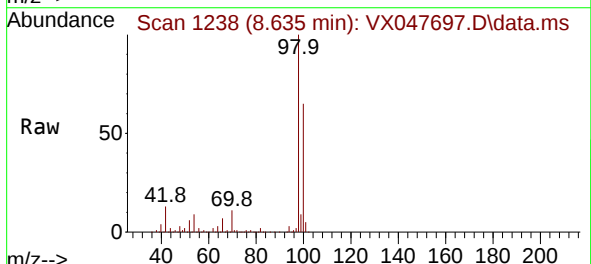
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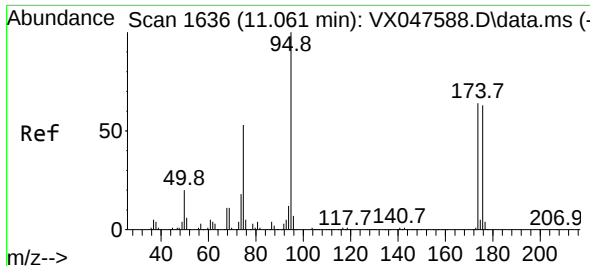
Tgt Ion:130 Resp: 60076
Ion Ratio Lower Upper
130 100
95 99.7 0.0 210.8



#50
Toluene-d8
Concen: 51.441 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Tgt Ion: 98 Resp: 415067
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4

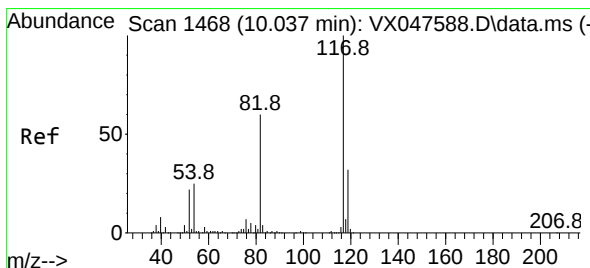
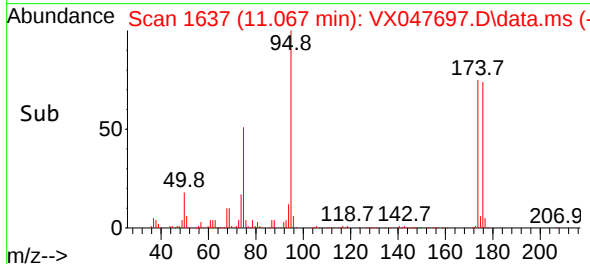
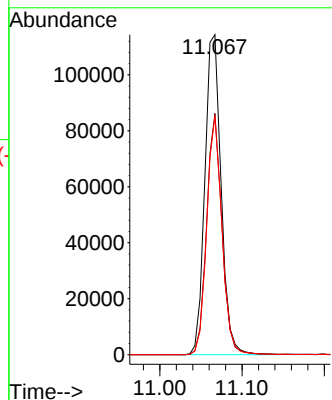
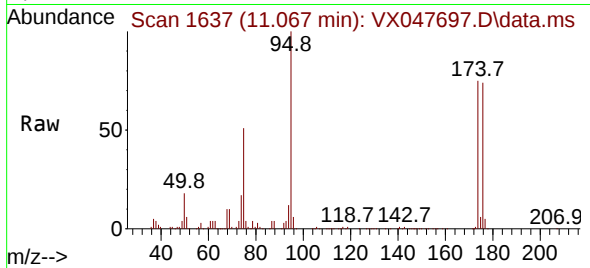




#62
4-Bromofluorobenzene
Concen: 51.387 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

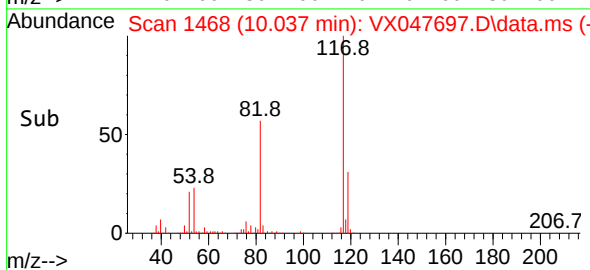
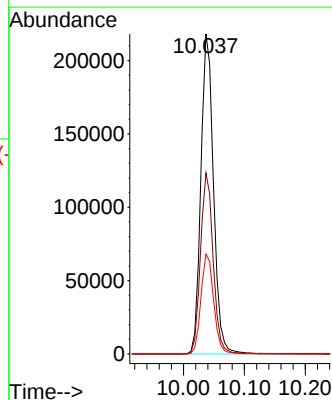
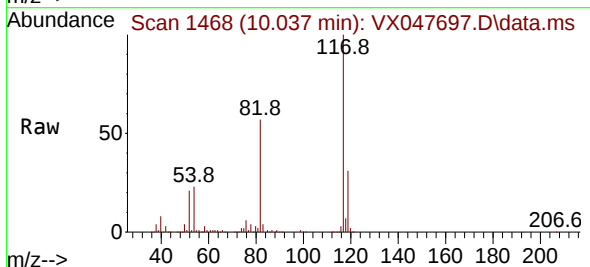
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20250911

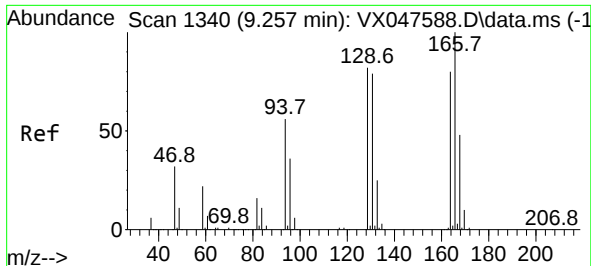
Tgt Ion: 95 Resp: 157359
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.6
176 69.6 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Tgt Ion: 117 Resp: 313912
Ion Ratio Lower Upper
117 100
82 56.6 47.8 71.6
119 31.2 25.2 37.8



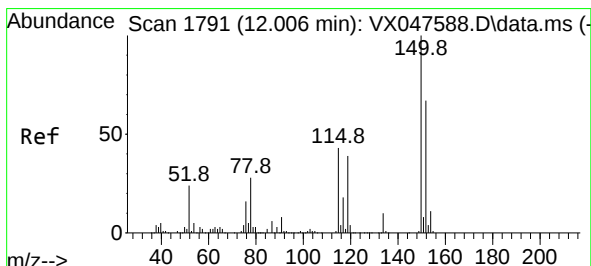
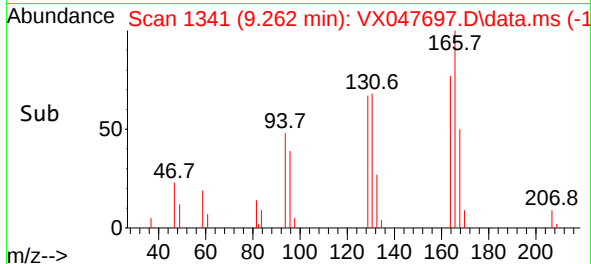
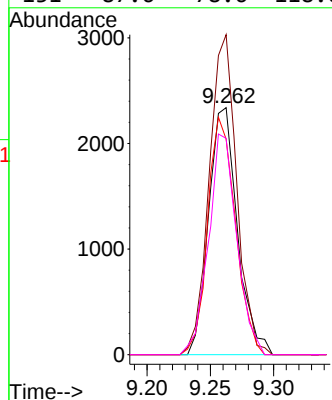
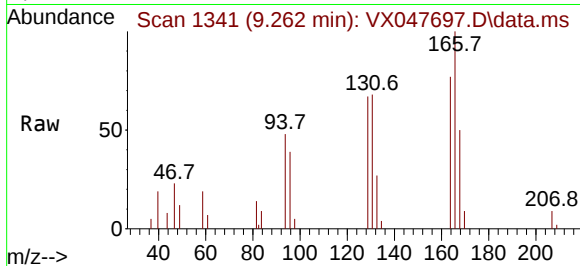


#64
Tetrachloroethene
Concen: 1.811 ug/l
RT: 9.262 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20250911

Tgt Ion:164 Resp: 3707

Ion	Ratio	Lower	Upper
164	100		
166	129.5	100.2	150.2
129	87.2	81.8	122.6
131	87.6	78.6	118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047697.D
Acq: 22 Sep 2025 12:44

Tgt Ion:152 Resp: 152363

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.9	134.5
150	157.8	0.0	352.0

