

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047657.D
 Acq On : 18 Sep 2025 20:55
 Operator : JC/MD
 Sample : Q3095-32
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20250911

Quant Time: Sep 19 01:37:47 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)

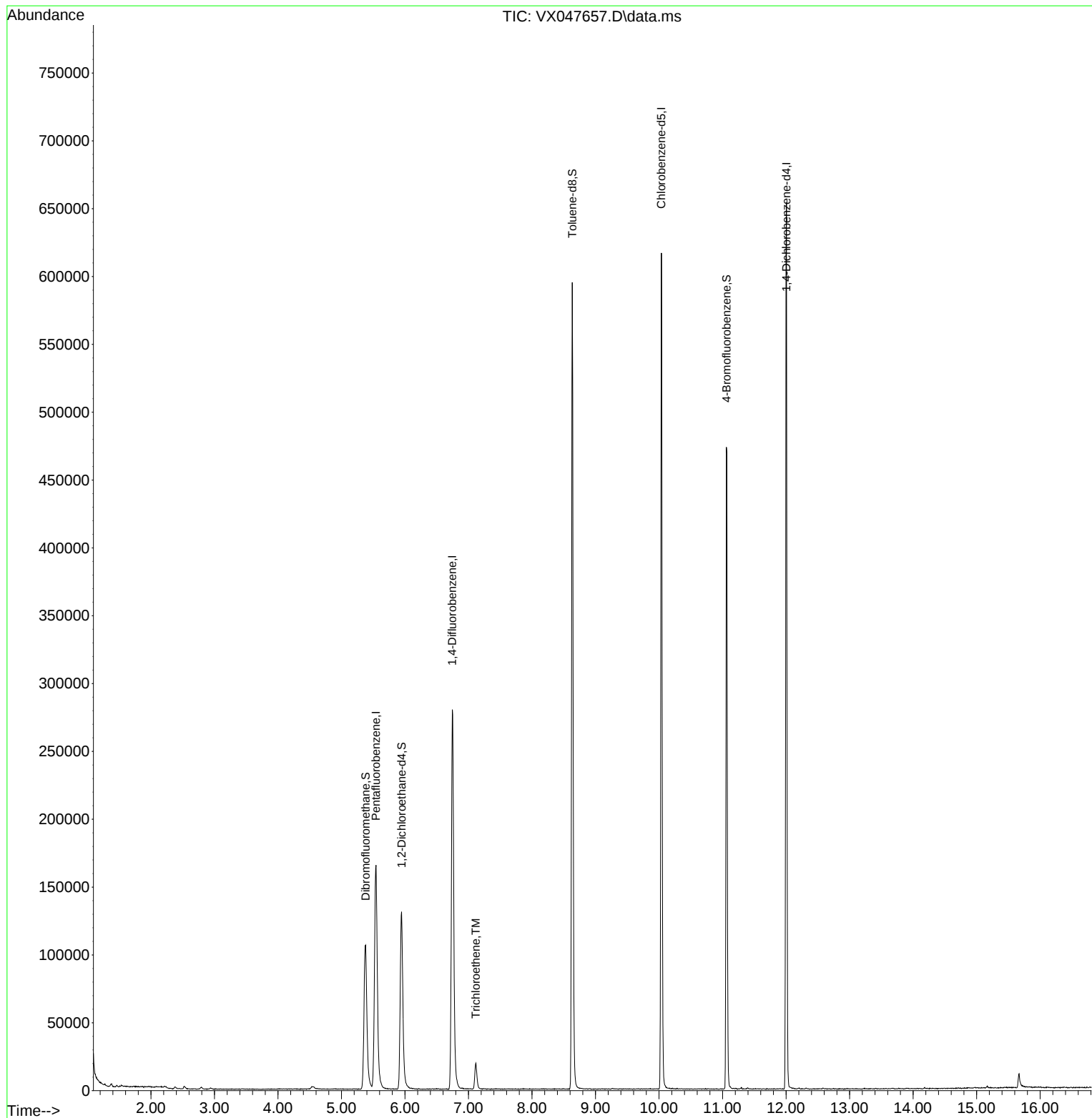
Internal Standards						
1) Pentafluorobenzene	5.544	168	166478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	307321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	278614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	142746	53.868	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.740%			
35) Dibromofluoromethane	5.379	113	105031	50.960	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.635	98	368111	51.616	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.061	95	141338	52.220	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.440%			
Target Compounds						Qvalue
44) Trichloroethene	7.117	130	8121	3.672	ug/l	93

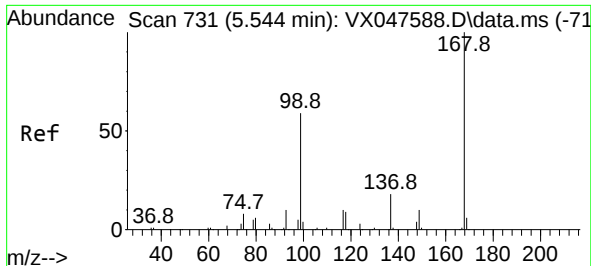
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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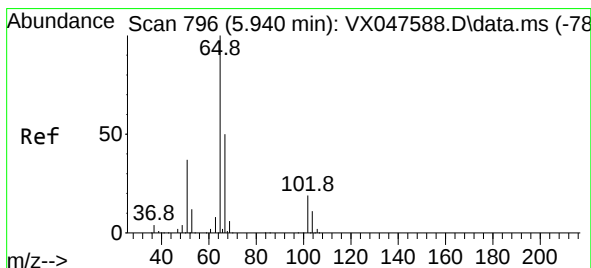
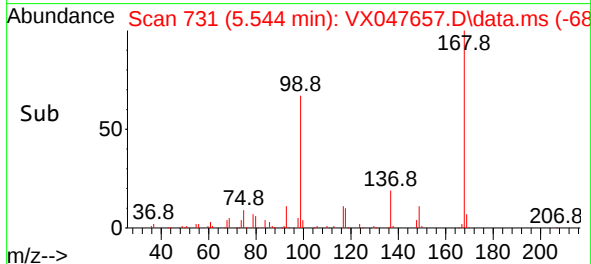
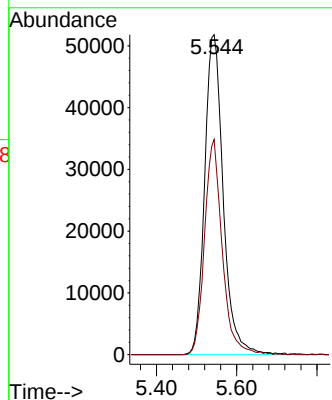
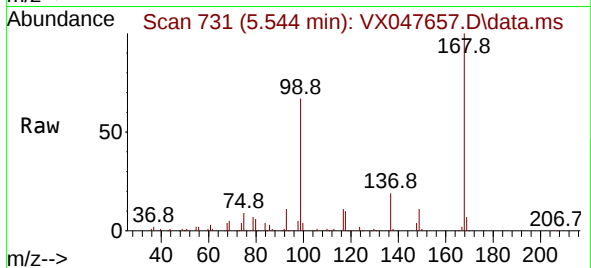




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

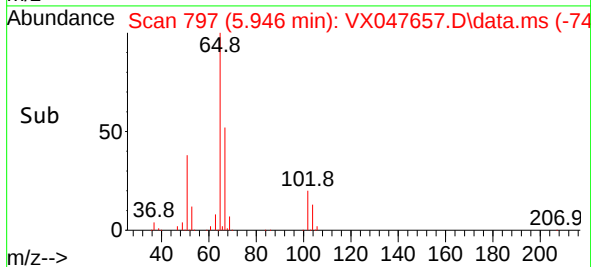
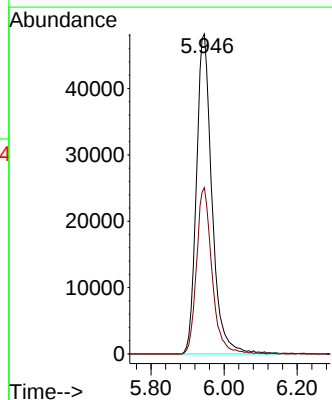
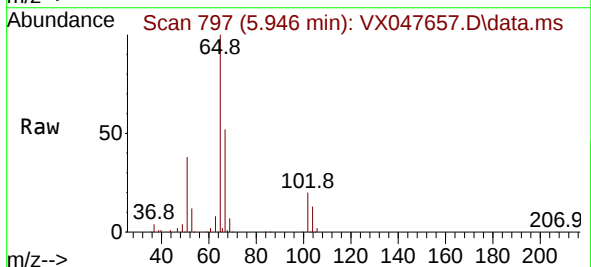
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

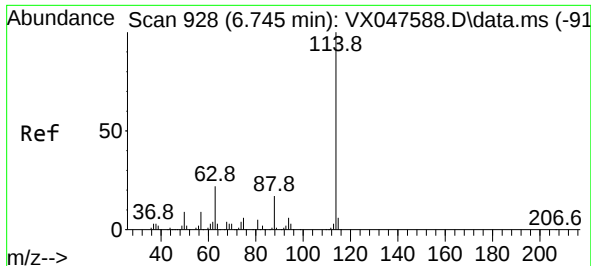
Tgt Ion:168 Resp: 166478
Ion Ratio Lower Upper
168 100
99 67.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.868 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 65 Resp: 142746
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

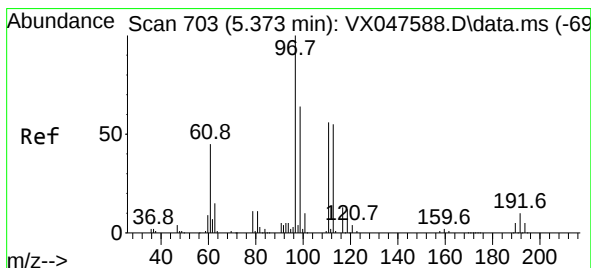
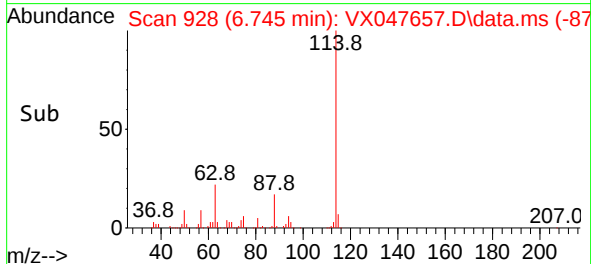
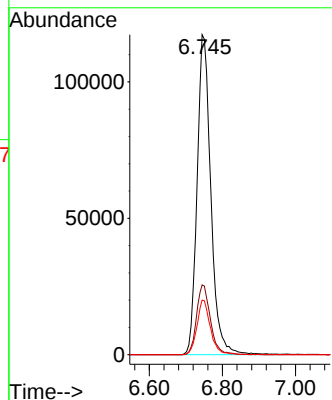
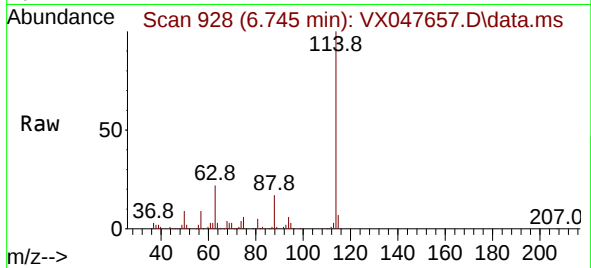




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

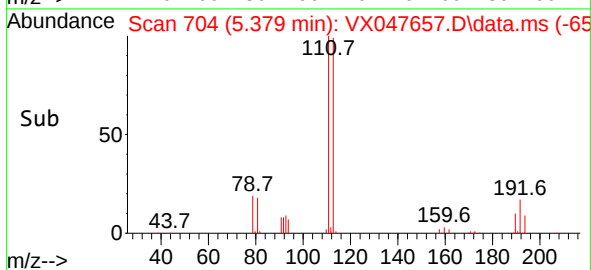
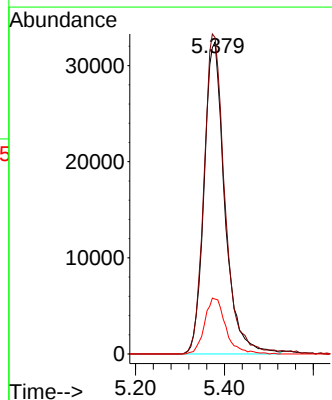
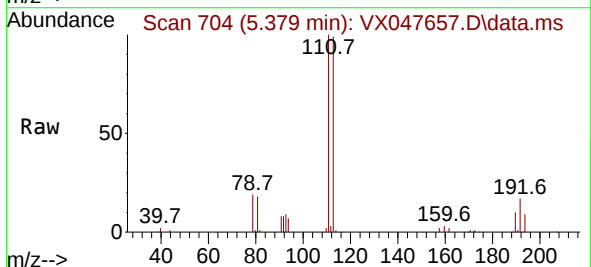
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

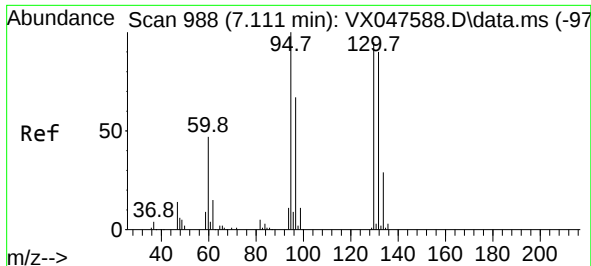
Tgt Ion:114 Resp: 307321
Ion Ratio Lower Upper
114 100
63 21.8 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.960 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion:113 Resp: 105031
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.3 14.2 21.4

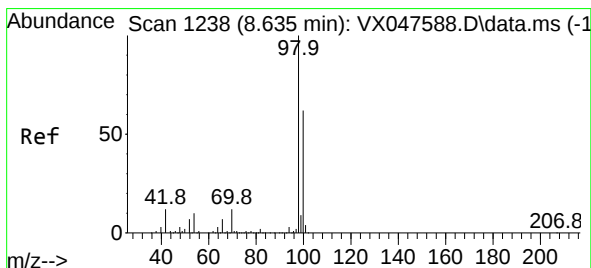
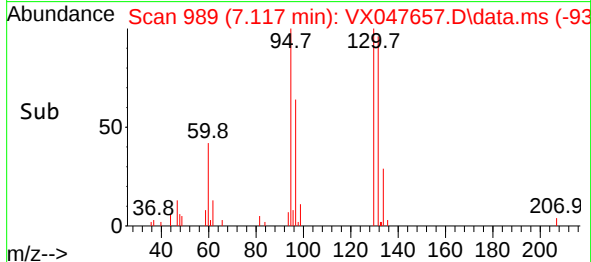
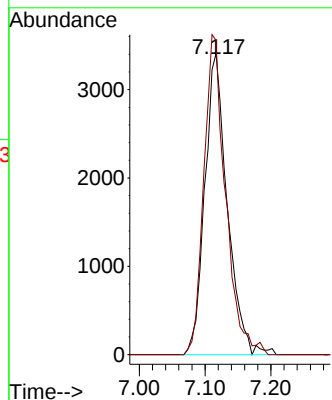
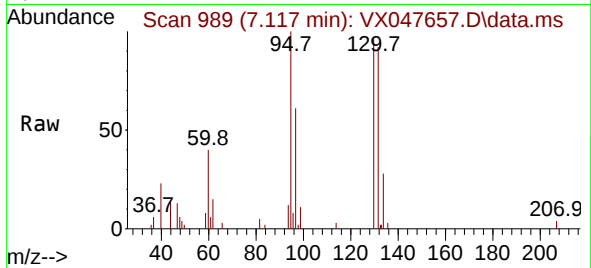




#44
Trichloroethene
Concen: 3.672 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

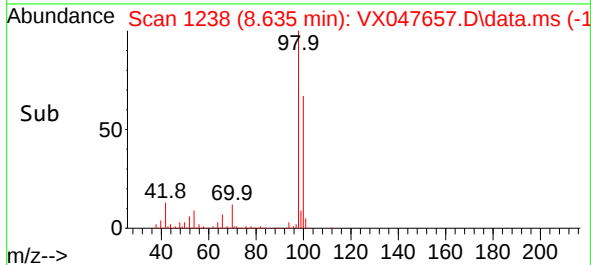
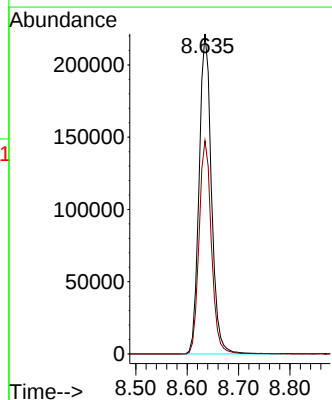
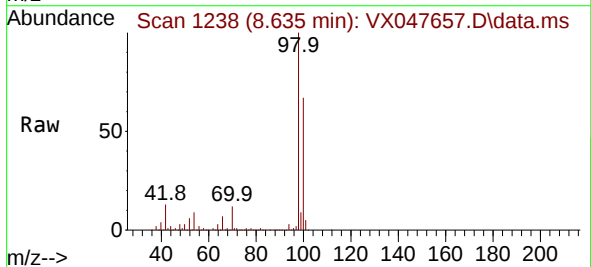
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20250911

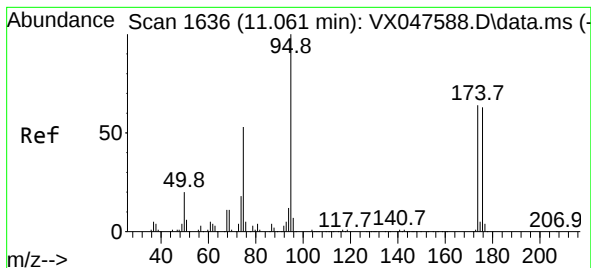
Tgt Ion:130 Resp: 8121
Ion Ratio Lower Upper
130 100
95 112.8 0.0 210.8



#50
Toluene-d8
Concen: 51.616 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 98 Resp: 368111
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

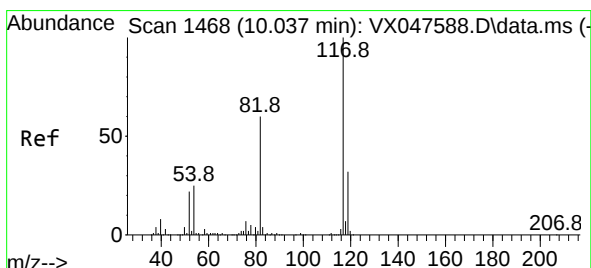
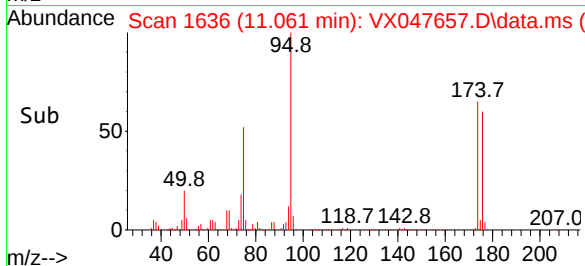
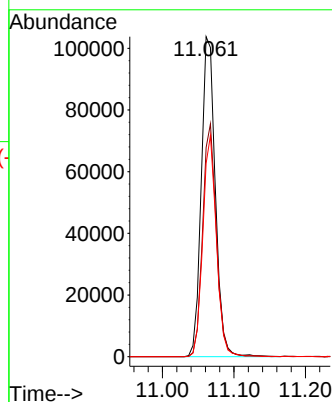
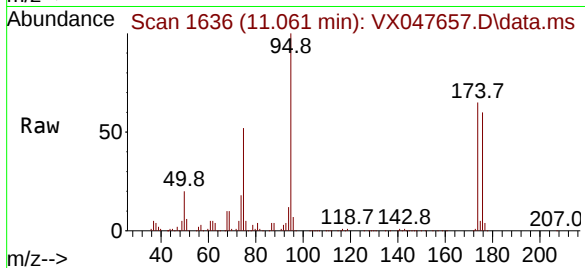




#62
4-Bromofluorobenzene
Concen: 52.220 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

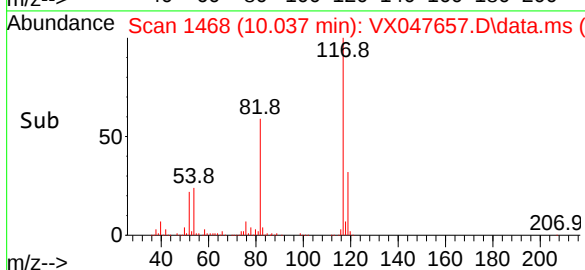
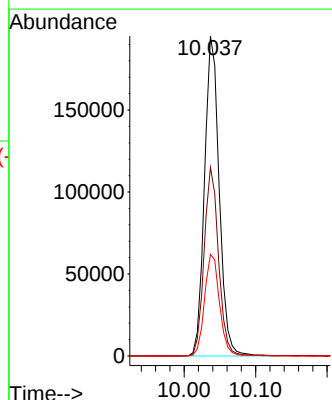
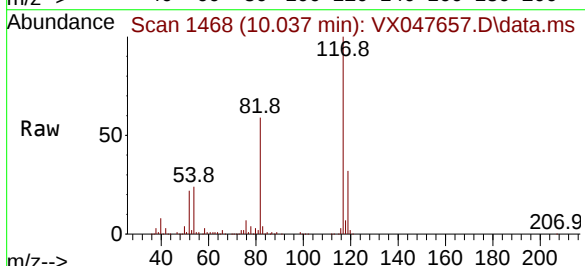
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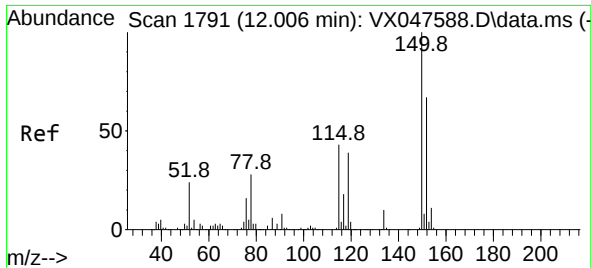
Tgt Ion: 95 Resp: 141338
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.6
176 67.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047657.D
Acq: 18 Sep 2025 20:55

Tgt Ion: 117 Resp: 278614
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.6
119 31.7 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047657.D

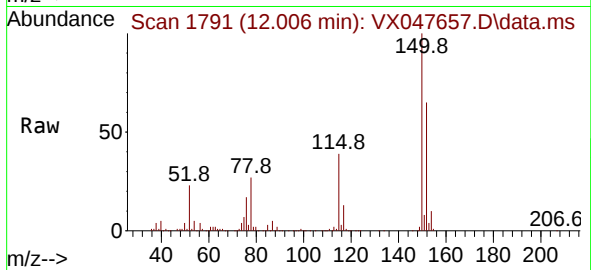
Acq: 18 Sep 2025 20:55

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20250911



Tgt Ion:152 Resp: 134590

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 157.9 0.0 352.0

