

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111125\
 Data File : VX048558.D
 Acq On : 11 Nov 2025 12:45
 Operator : JC/MD
 Sample : Q3574-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 304641-01 Liquid

Quant Time: Nov 12 04:45:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

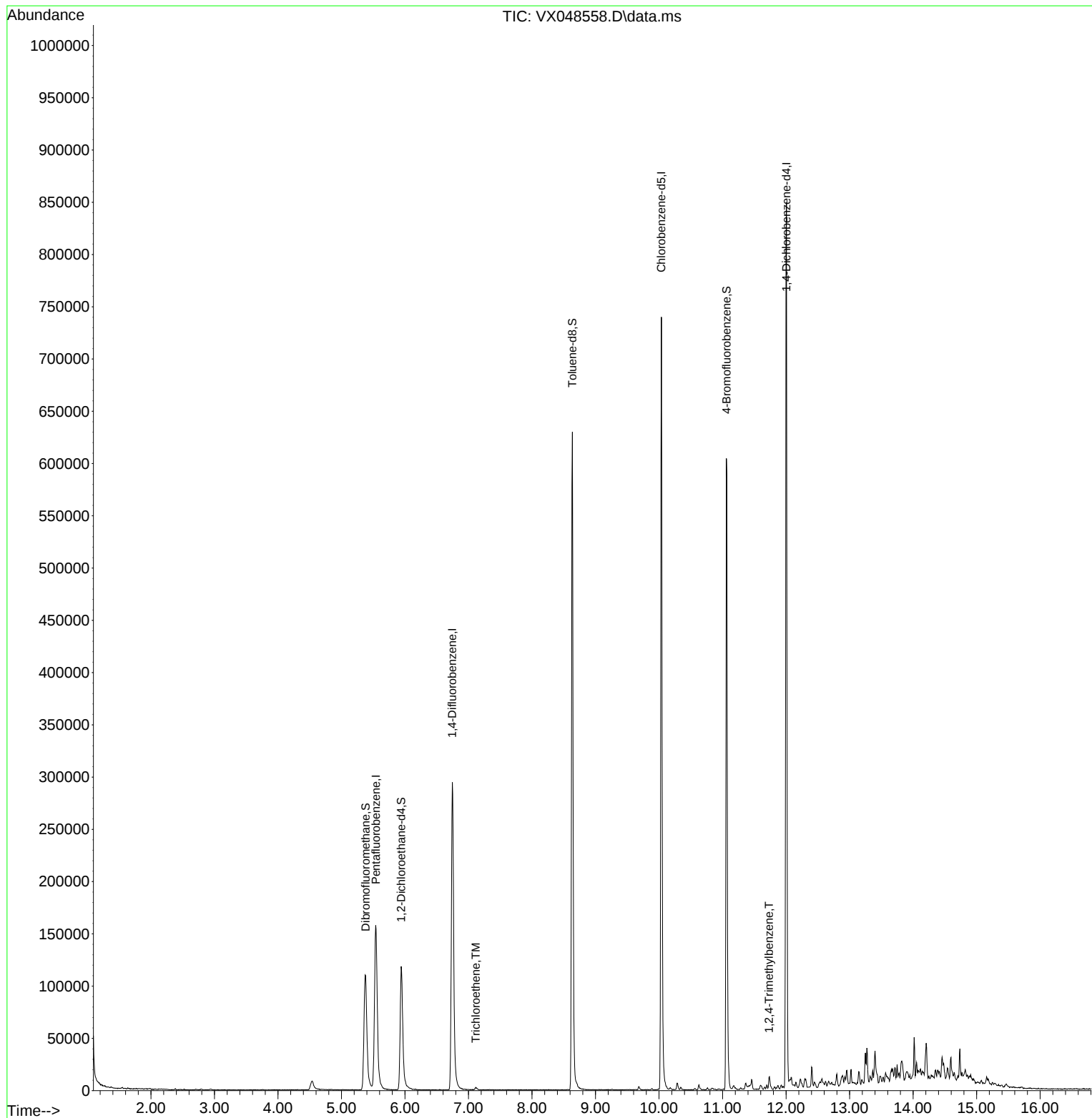
Internal Standards						
1) Pentafluorobenzene	5.544	168	167862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	340201	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	363054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	194663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	127438	54.483	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.960%
35) Dibromofluoromethane	5.379	113	115536	44.871	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.740%
50) Toluene-d8	8.635	98	413001	51.429	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.860%
62) 4-Bromofluorobenzene	11.061	95	176457	58.962	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.920%
Target Compounds						
						Qvalue
44) Trichloroethene	7.117	130	985	0.386	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	5565	0.479	ug/l	91

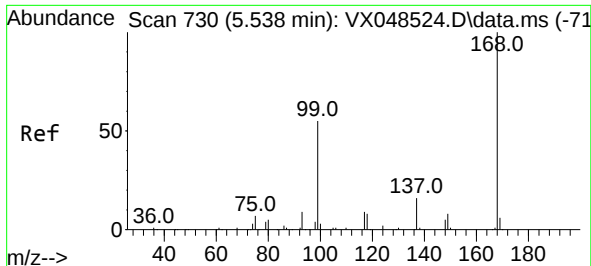
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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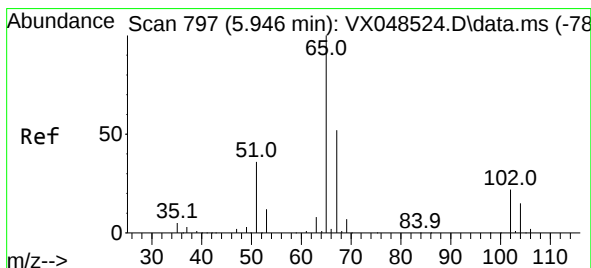
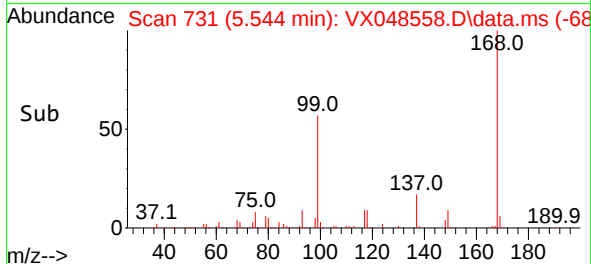
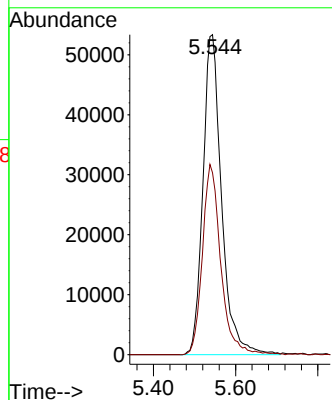
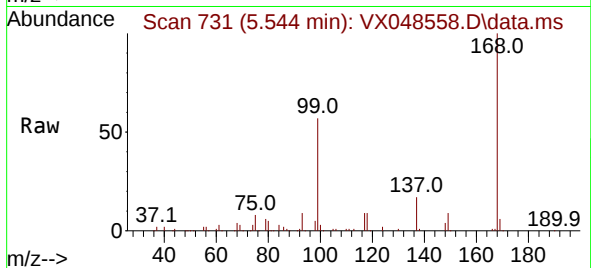




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

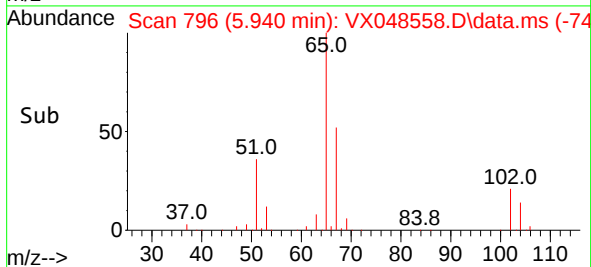
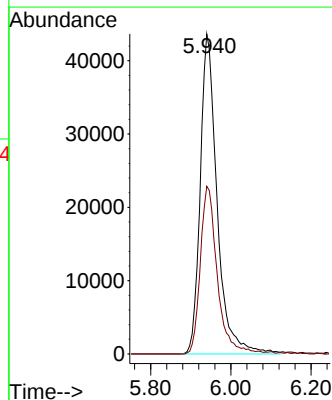
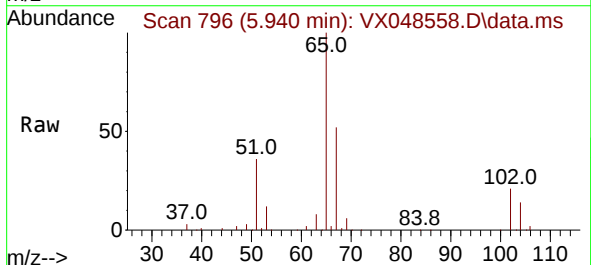
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid

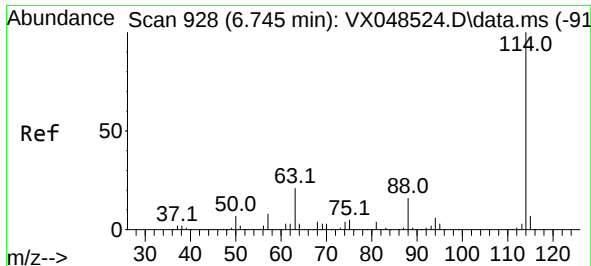
Tgt Ion:168 Resp: 167862
Ion Ratio Lower Upper
168 100
99 56.9 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 54.483 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.006 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

Tgt Ion: 65 Resp: 127438
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2

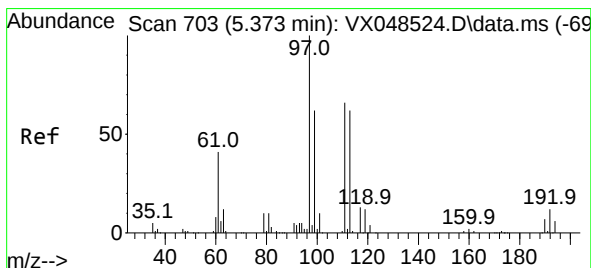
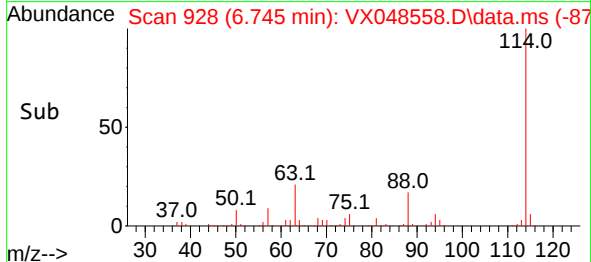
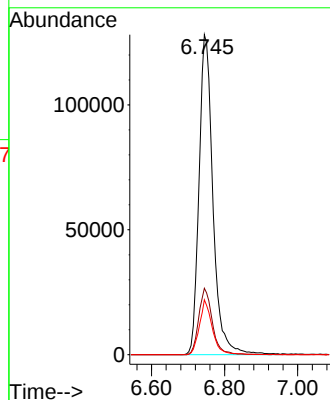
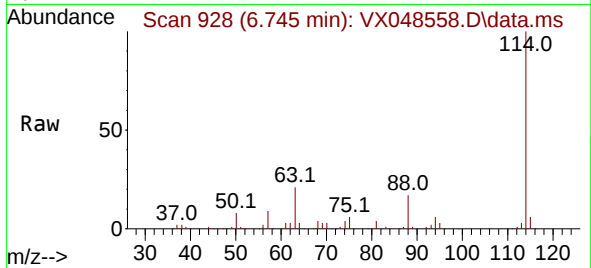




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

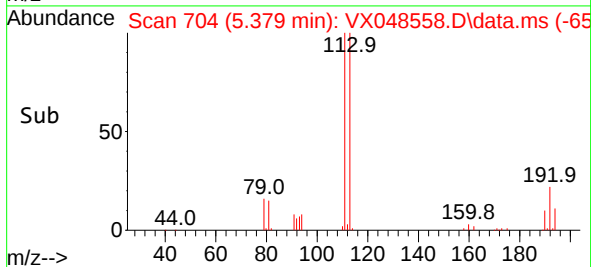
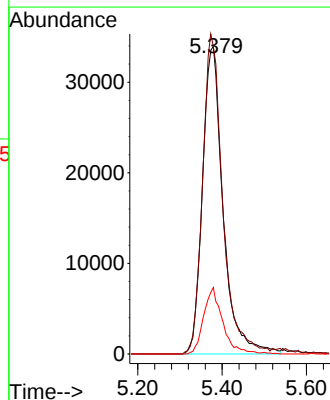
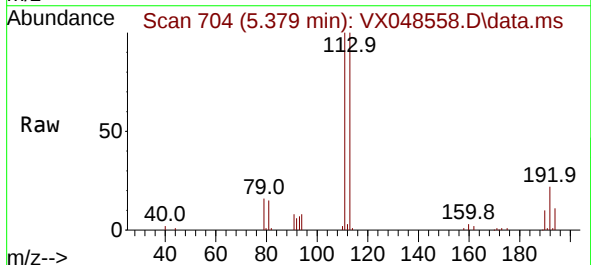
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid

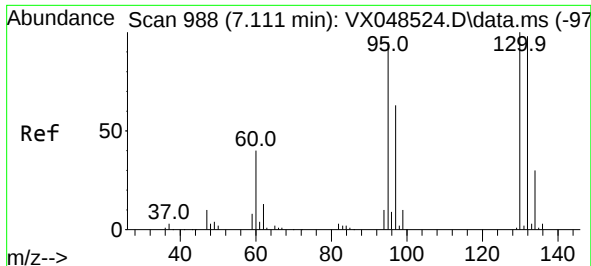
Tgt Ion:114 Resp: 340201
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.2
88 17.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 44.871 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

Tgt Ion:113 Resp: 115536
Ion Ratio Lower Upper
113 100
111 101.3 81.9 122.9
192 19.8 15.8 23.6

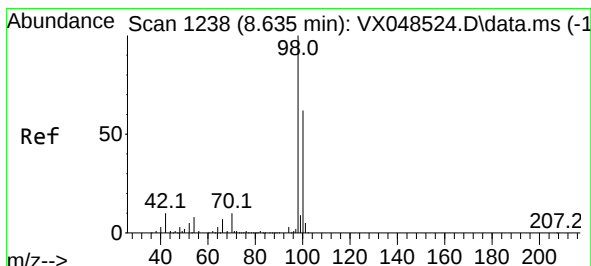
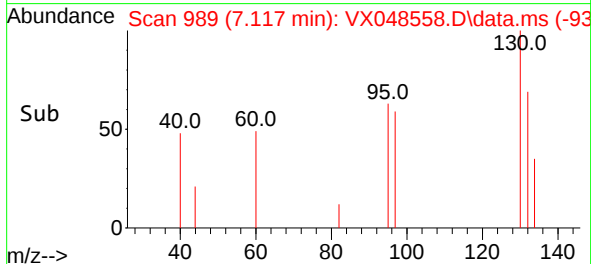
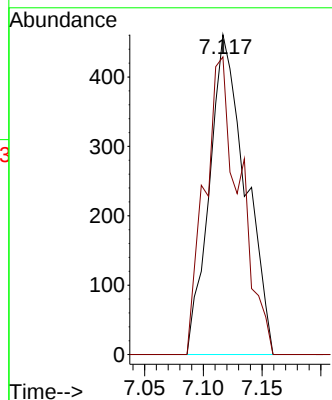
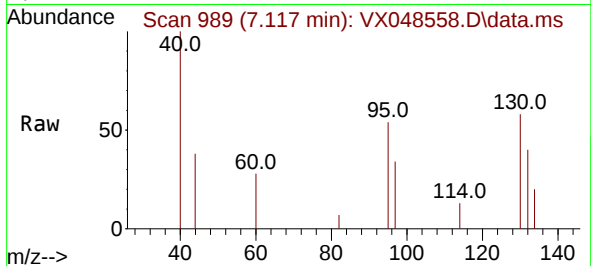




#44
Trichloroethene
Concen: 0.386 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

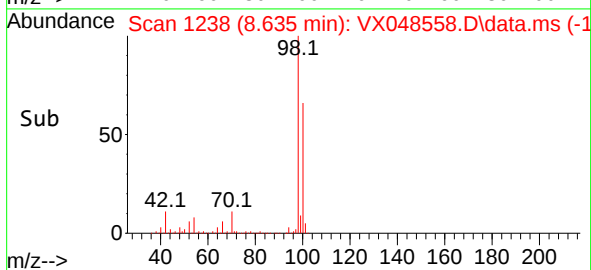
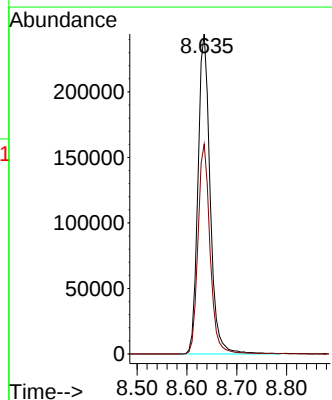
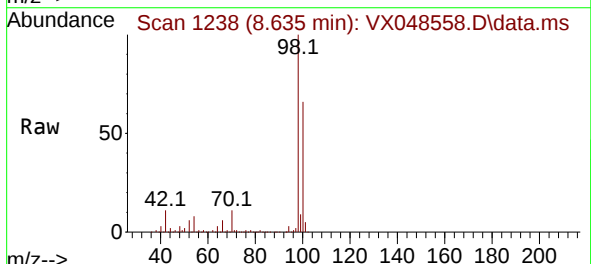
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid

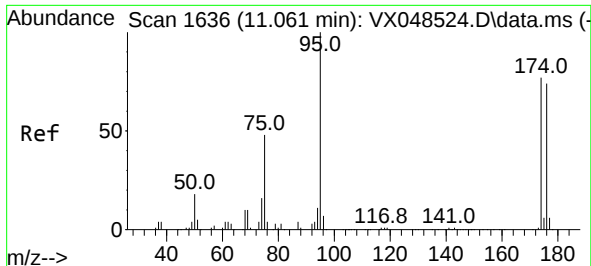
Tgt Ion:130 Resp: 985
Ion Ratio Lower Upper
130 100
95 93.1 0.0 190.2



#50
Toluene-d8
Concen: 51.429 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

Tgt Ion: 98 Resp: 413001
Ion Ratio Lower Upper
98 100
100 65.0 53.6 80.4

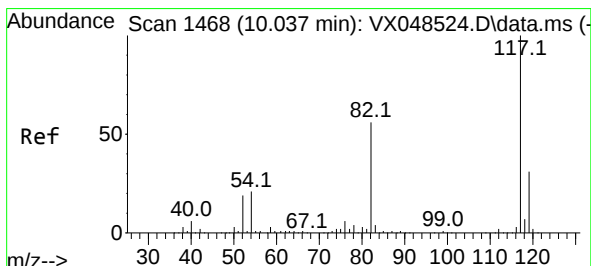
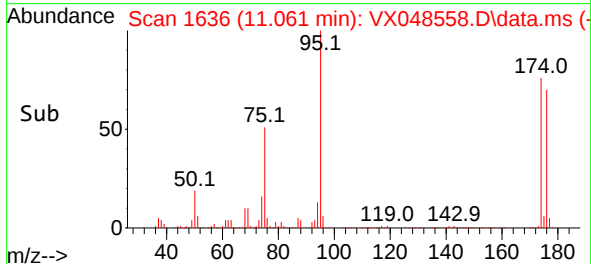
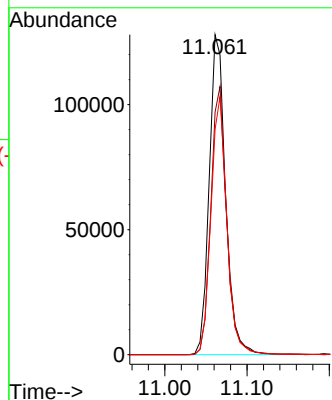
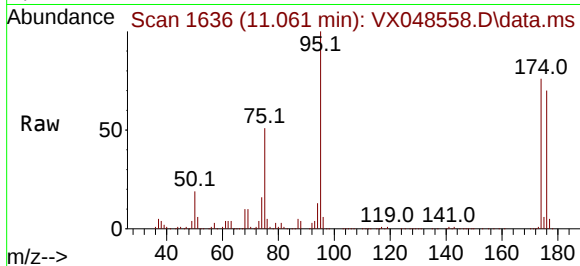




#62
4-Bromofluorobenzene
Concen: 58.962 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

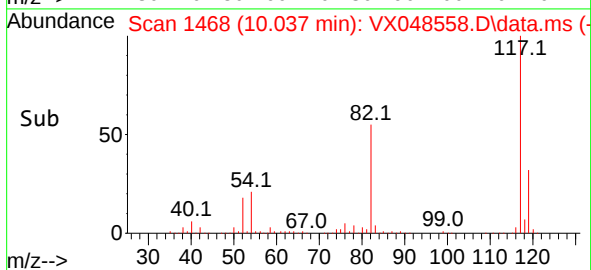
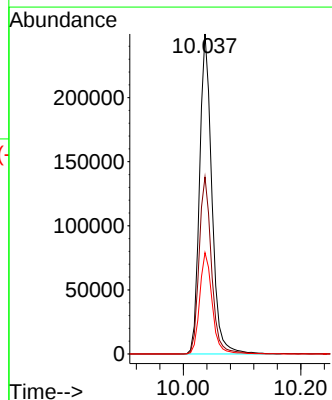
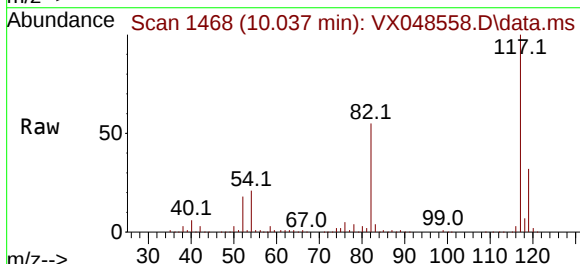
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid

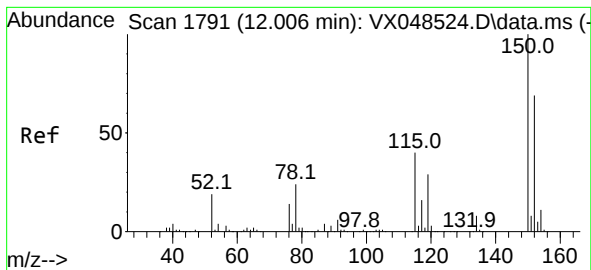
Tgt Ion: 95 Resp: 176457
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 78.6 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048558.D
Acq: 11 Nov 2025 12:45

Tgt Ion: 117 Resp: 363054
Ion Ratio Lower Upper
117 100
82 55.3 44.4 66.6
119 31.6 25.1 37.7

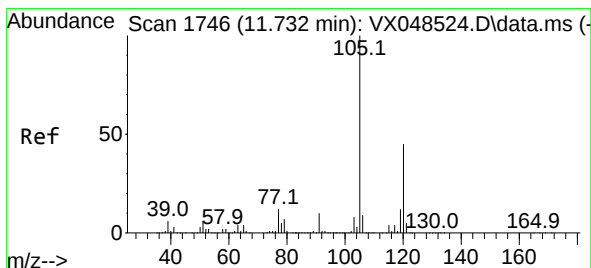
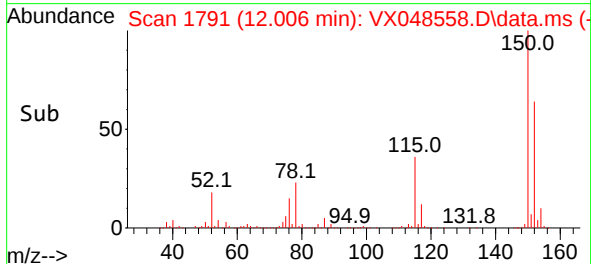
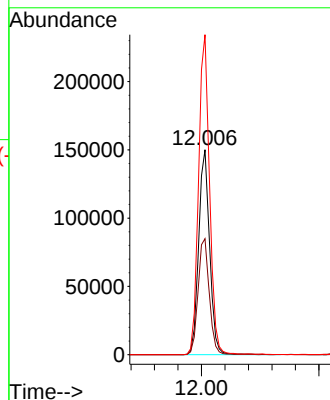
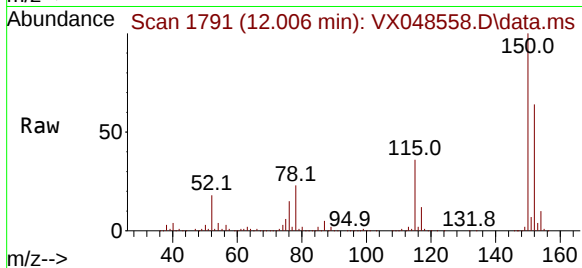




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX048558.D
 Acq: 11 Nov 2025 12:45

Instrument :
 MSVOA_X
 ClientSampleId :
 304641-01 Liquid

Tgt Ion:152 Resp: 194663
 Ion Ratio Lower Upper
 152 100
 115 57.8 39.2 117.6
 150 156.7 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.479 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048558.D
 Acq: 11 Nov 2025 12:45

Tgt Ion:105 Resp: 5565
 Ion Ratio Lower Upper
 105 100
 120 50.2 22.4 67.0

