

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047994.D
 Acq On : 03 Oct 2025 15:13
 Operator : JC/MD
 Sample : Q3226-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Oct 03 23:50:28 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	126698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	257868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	267920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	136177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106656	52.886	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.780%	
35) Dibromofluoromethane	5.373	113	84980	49.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.280%	
50) Toluene-d8	8.635	98	286026	47.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	11.067	95	125382	55.208	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.420%	

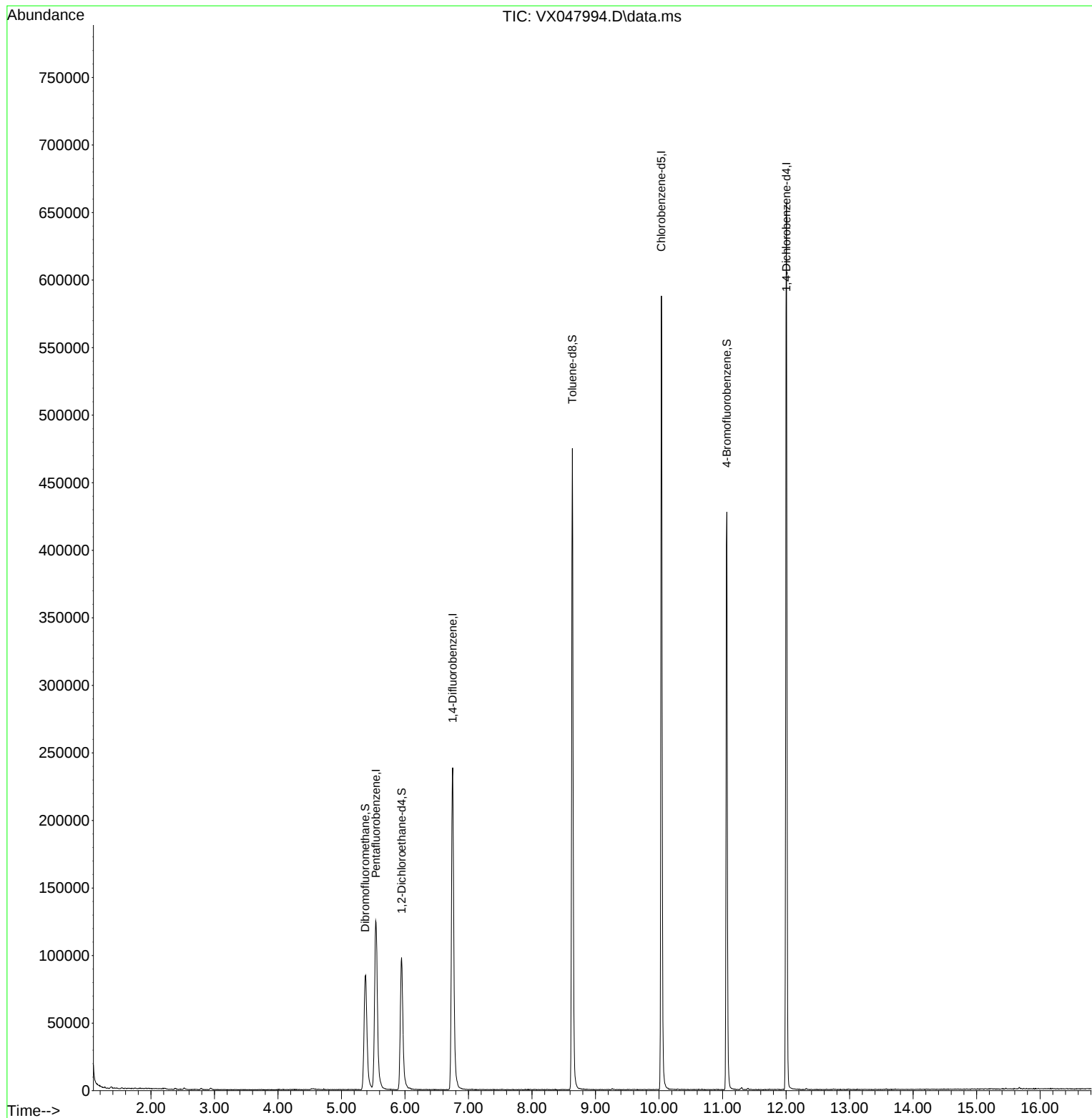
Target Compounds	Qvalue

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

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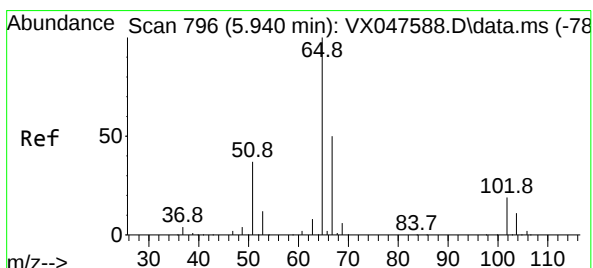
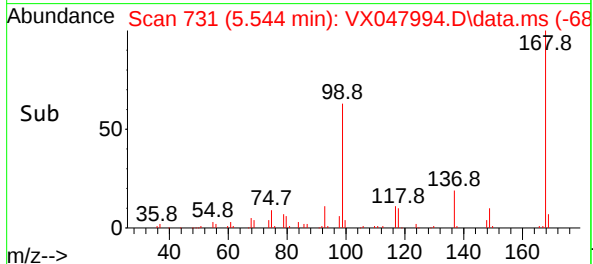
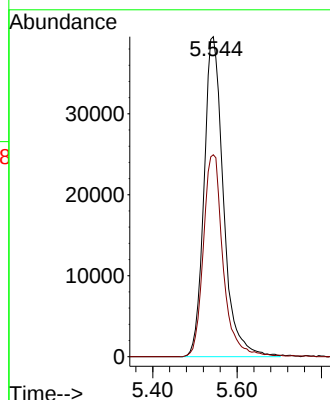
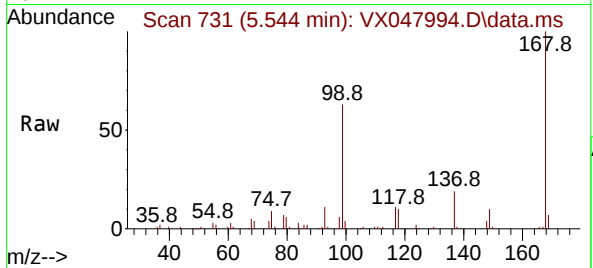




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

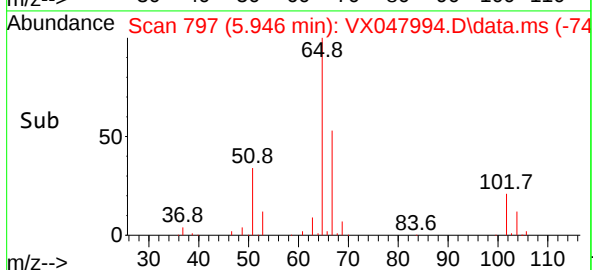
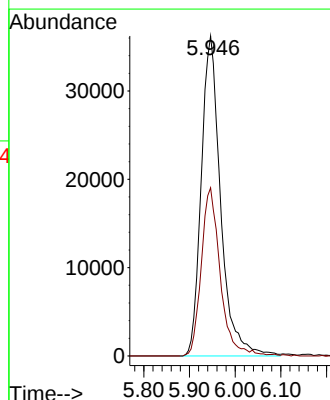
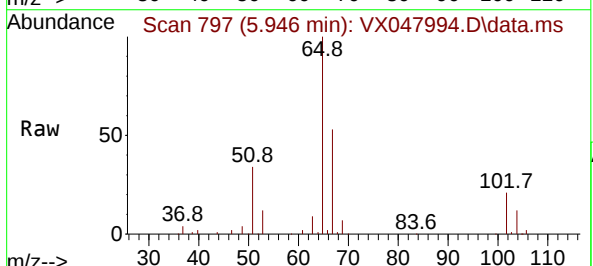
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 126698
Ion Ratio Lower Upper
168 100
99 63.1 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.886 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

Tgt Ion: 65 Resp: 106656
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

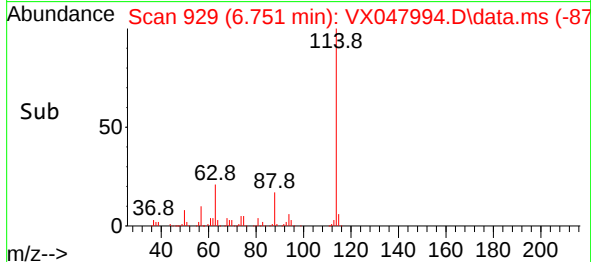
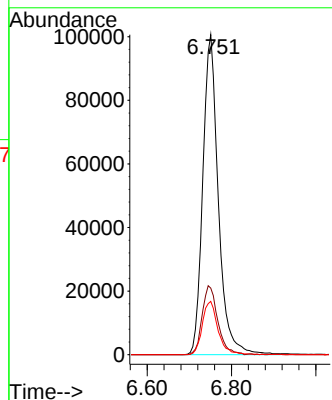
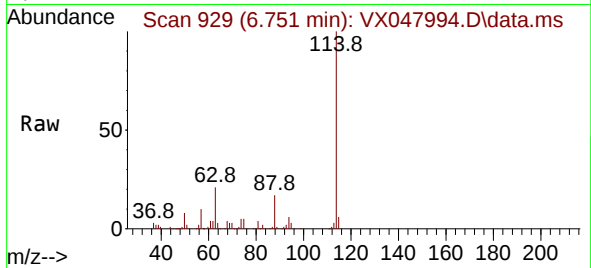




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

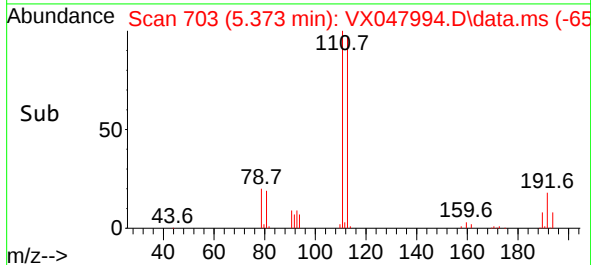
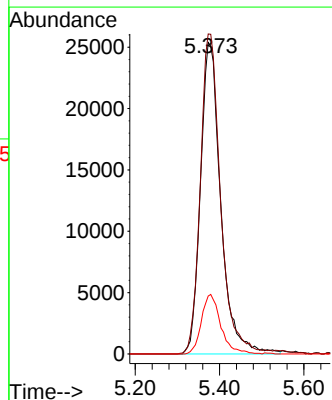
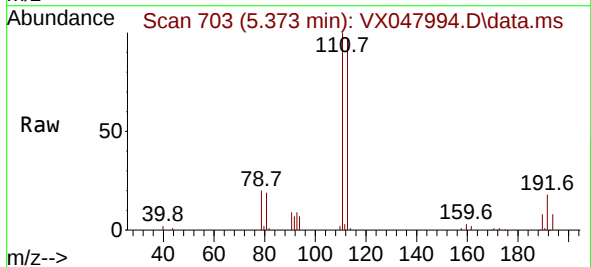
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:114 Resp: 257868
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.138 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

Tgt Ion:113 Resp: 84980
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 18.3 14.2 21.4

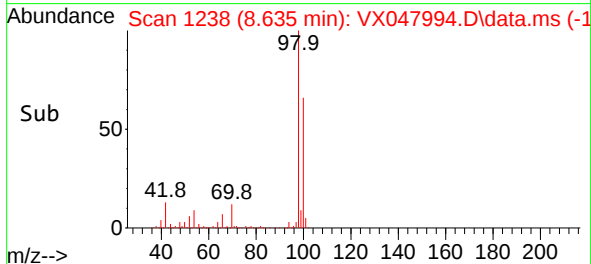
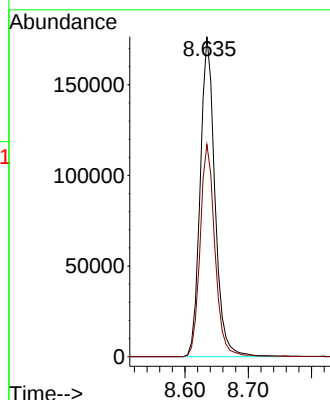
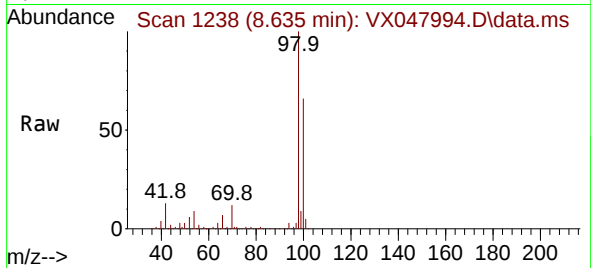




#50
Toluene-d8
Concen: 47.798 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

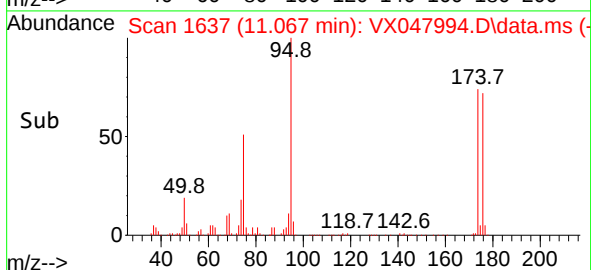
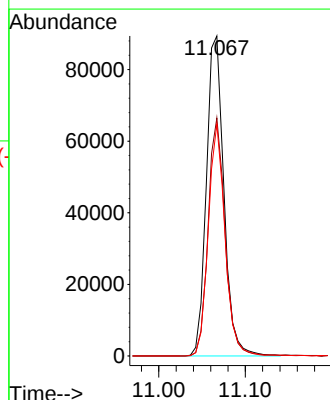
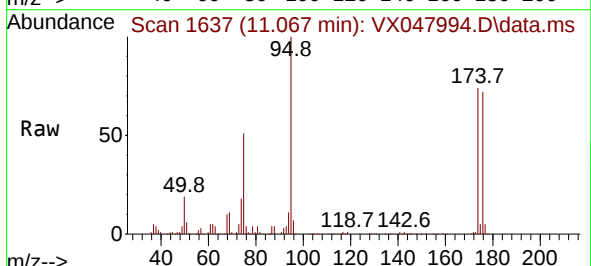
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 98 Resp: 286026
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.208 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

Tgt Ion: 95 Resp: 125382
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 69.4 0.0 138.4

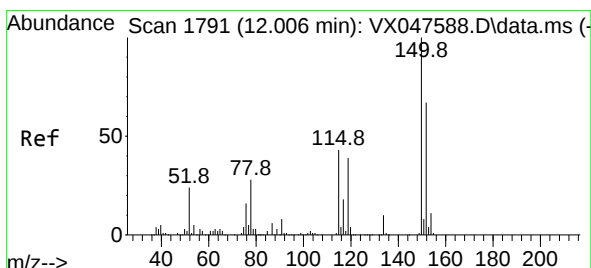
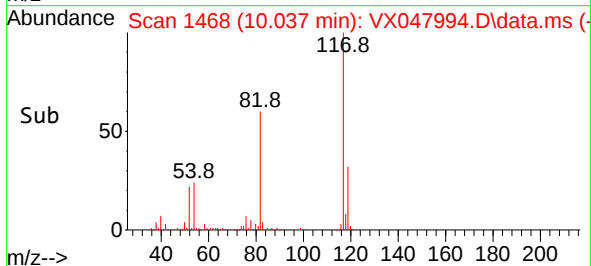
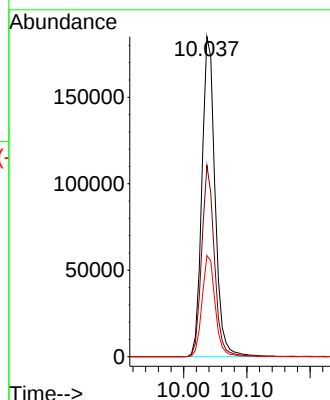
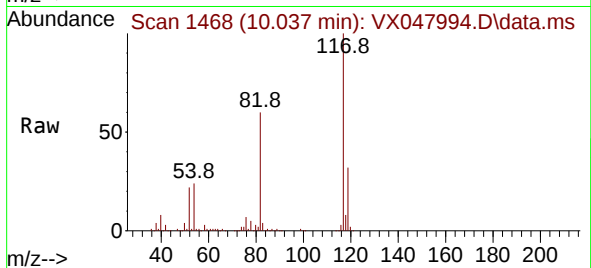




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 267920
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047994.D
Acq: 03 Oct 2025 15:13

Tgt Ion:152 Resp: 136177
Ion Ratio Lower Upper
152 100
115 63.1 44.9 134.5
150 156.3 0.0 352.0

