

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047993.D
 Acq On : 03 Oct 2025 14:52
 Operator : JC/MD
 Sample : Q3226-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Oct 03 23:49:49 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	5.537	168	128591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	262712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	274758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139206	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	107028	52.289	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.580%
35) Dibromofluoromethane	5.373	113	86027	48.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.634	98	295238	48.428	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.860%
62) 4-Bromofluorobenzene	11.067	95	127501	55.106	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.220%

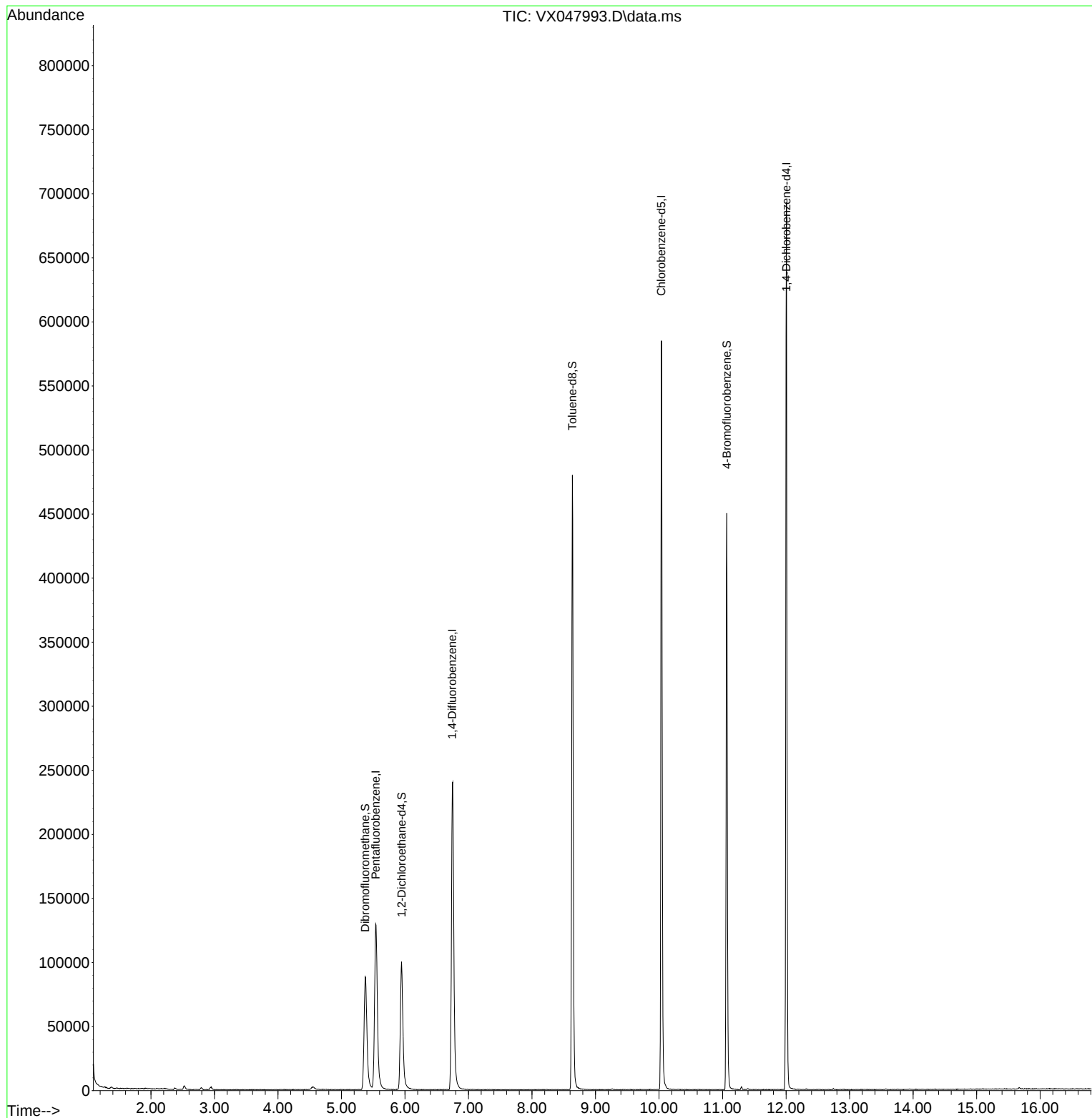
Target Compounds	Qvalue

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

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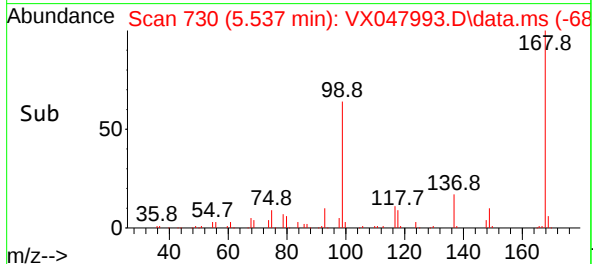
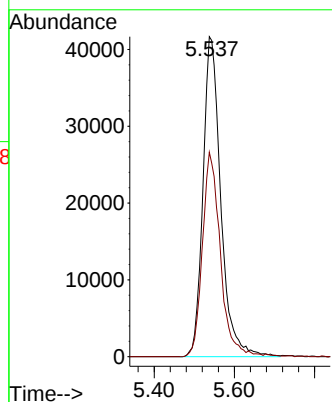
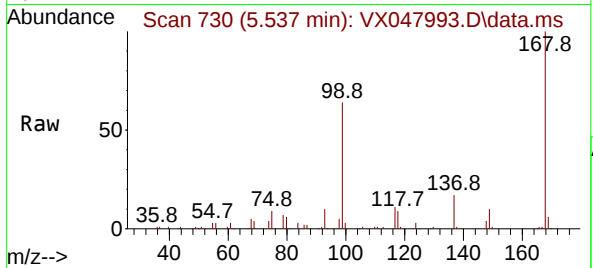




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

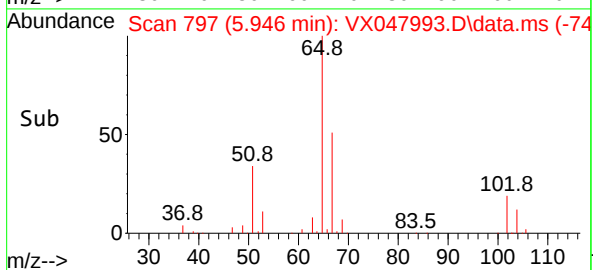
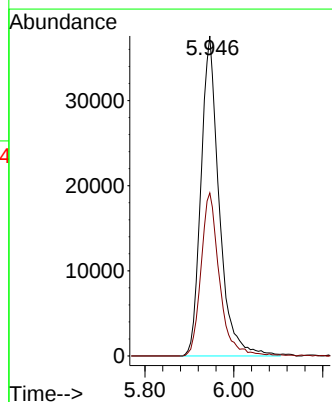
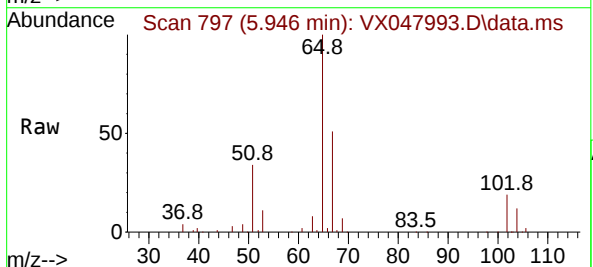
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 128591
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 52.289 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

Tgt Ion: 65 Resp: 107028
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

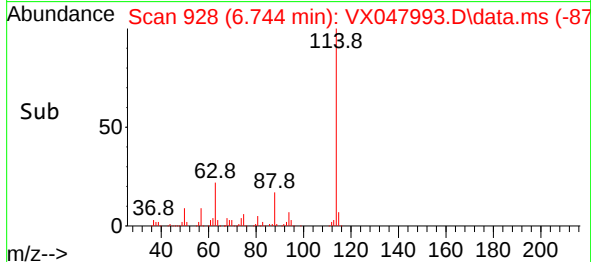
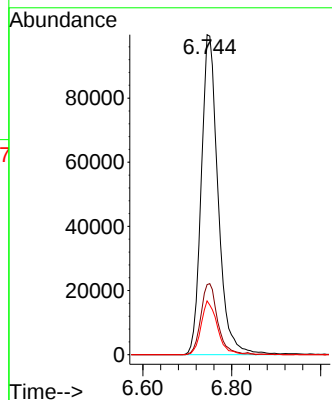
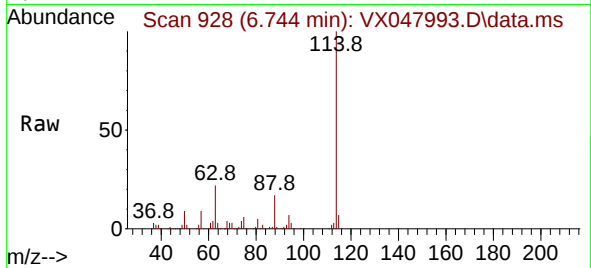




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

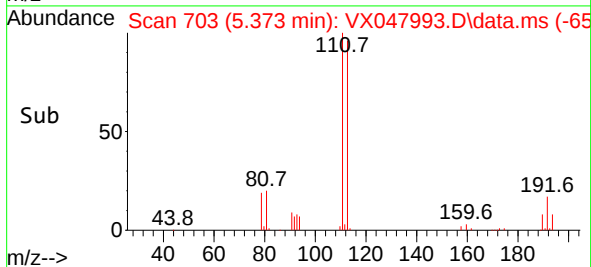
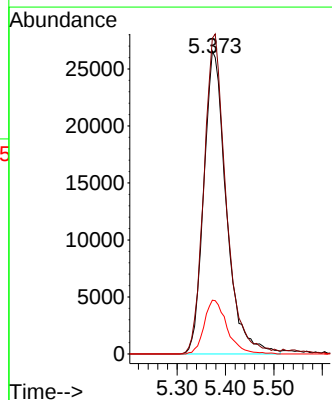
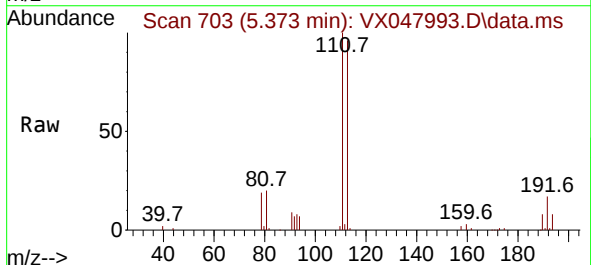
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 262712
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.827 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

Tgt Ion:113 Resp: 86027
Ion Ratio Lower Upper
113 100
111 104.1 80.9 121.3
192 18.0 14.2 21.4

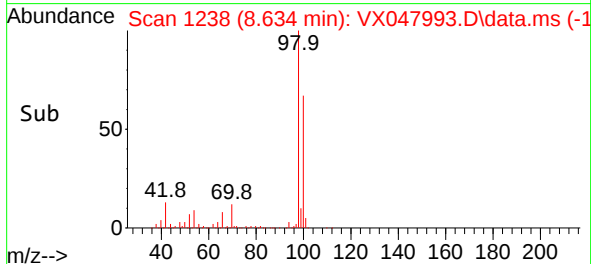
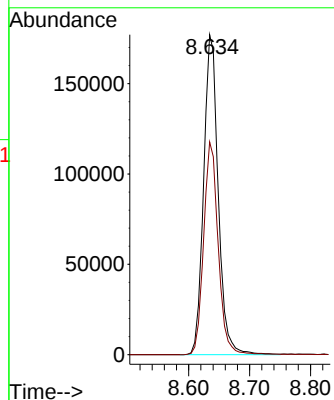
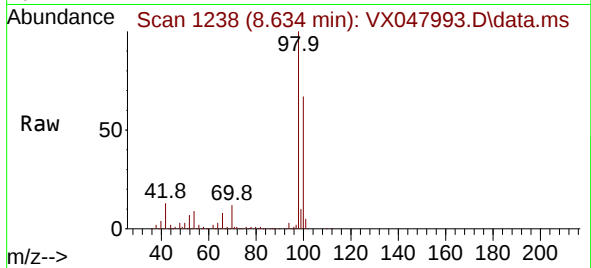




#50
Toluene-d8
Concen: 48.428 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

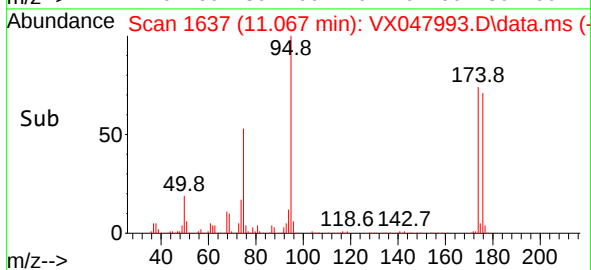
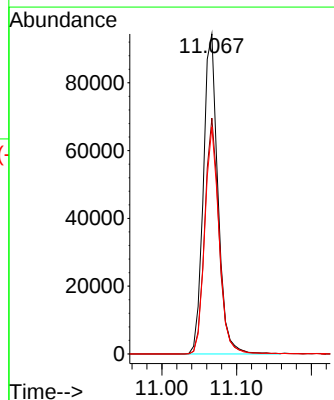
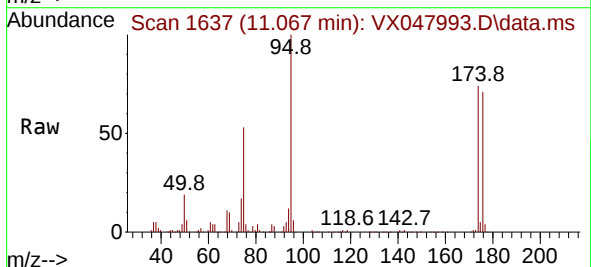
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

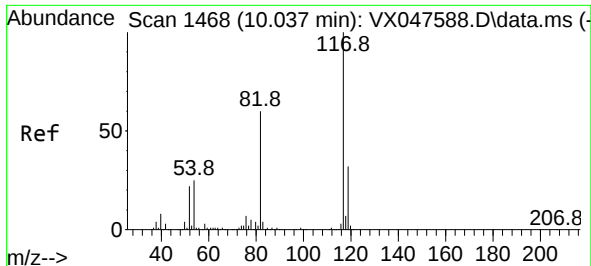
Tgt Ion: 98 Resp: 295238
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.106 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

Tgt Ion: 95 Resp: 127501
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.2 0.0 138.4

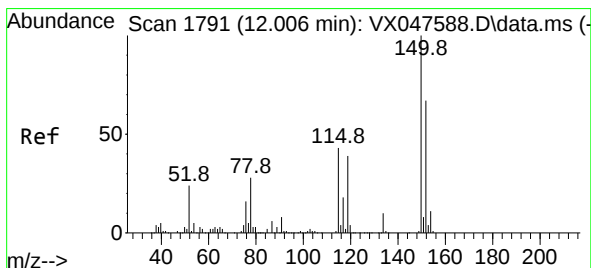
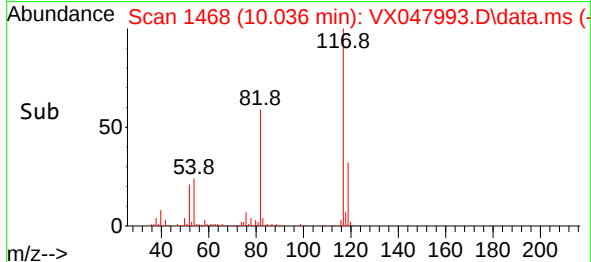
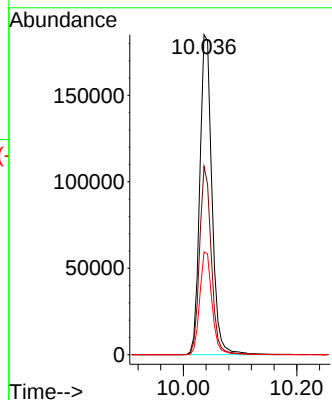
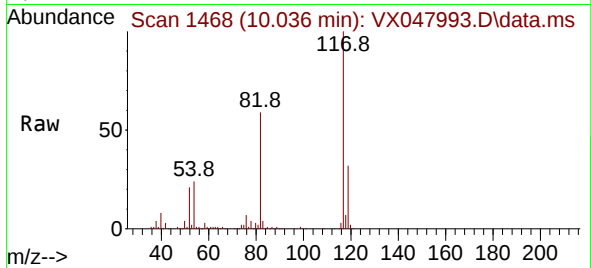




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047993.D
Acq: 03 Oct 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:117 Resp: 274758
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 32.1 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: VX047993.D
Acq: 03 Oct 2025 14:52

Tgt Ion:152 Resp: 139206
Ion Ratio Lower Upper
152 100
115 62.5 44.9 134.5
150 157.9 0.0 352.0

