

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048017.D
 Acq On : 06 Oct 2025 12:43
 Operator : JC/MD
 Sample : Q3279-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 07 02:11:51 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	5.543	168	115234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	232170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	236321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	117369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88244	48.109	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.220%
35) Dibromofluoromethane	5.373	113	73296	47.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.634	98	251760	46.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.460%
62) 4-Bromofluorobenzene	11.067	95	107281	52.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%

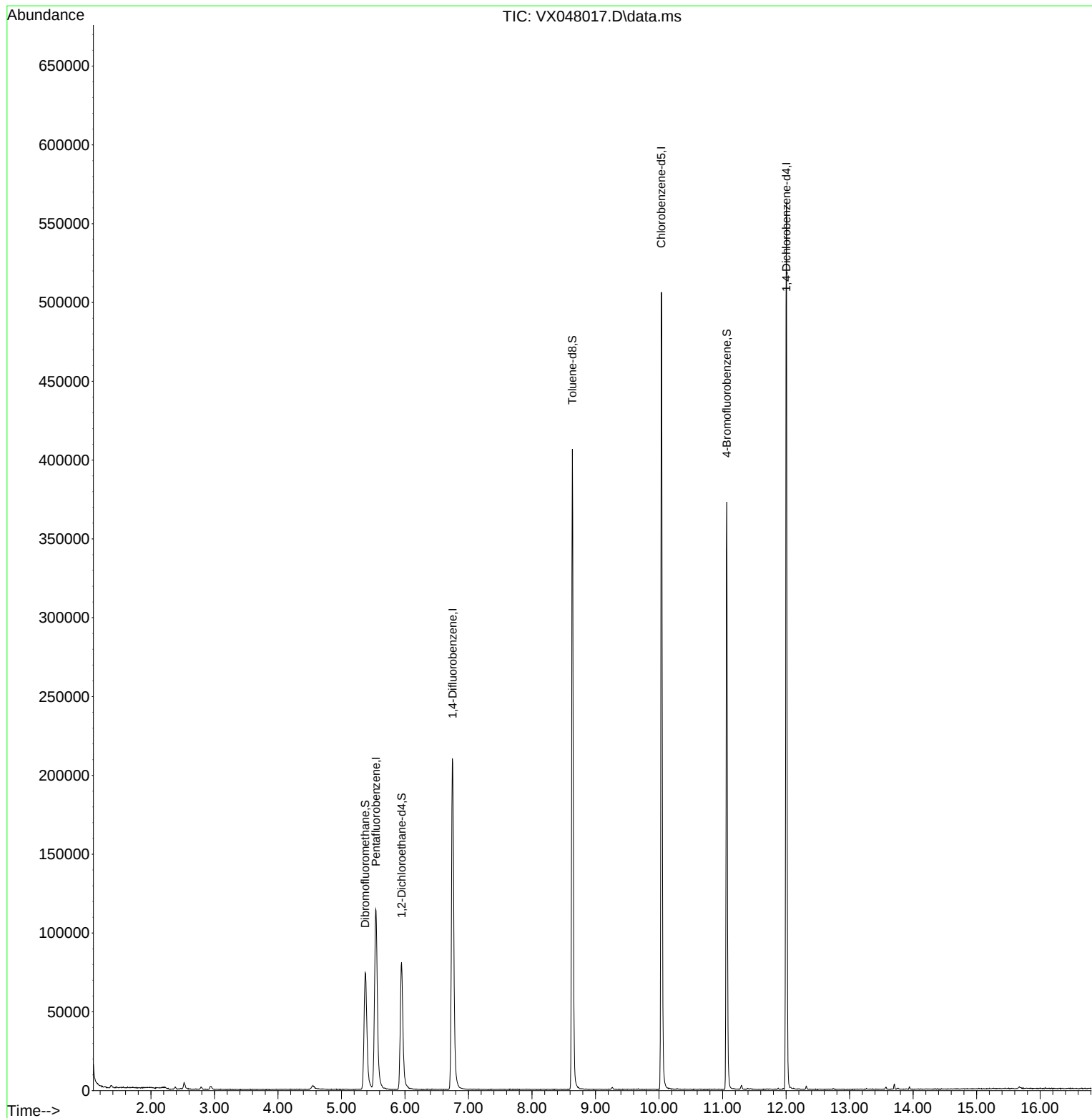
Target Compounds	Qvalue

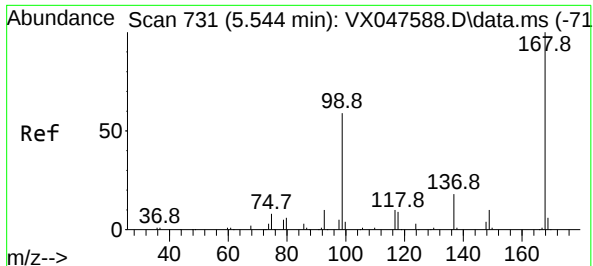
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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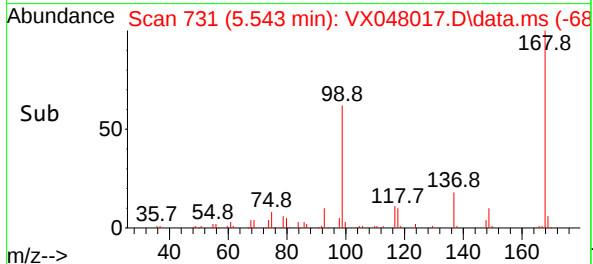
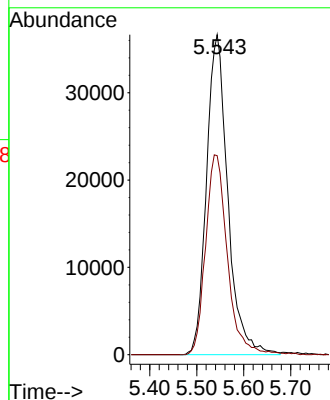
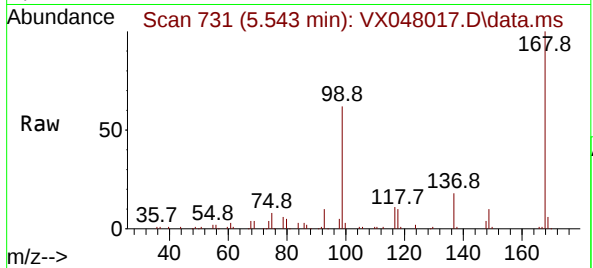




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

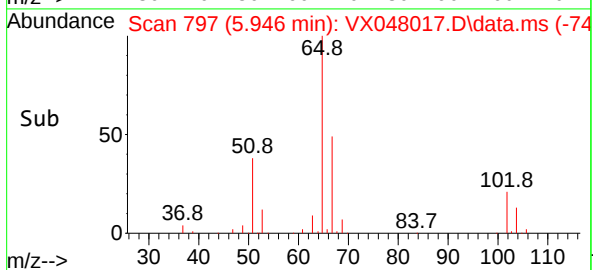
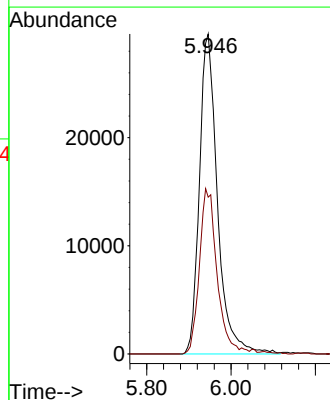
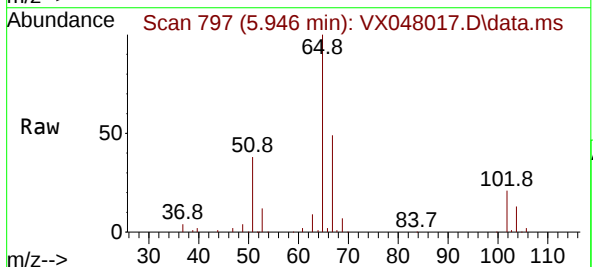
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 115234
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 48.109 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 65 Resp: 88244
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

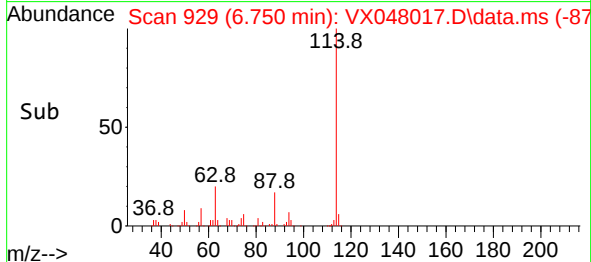
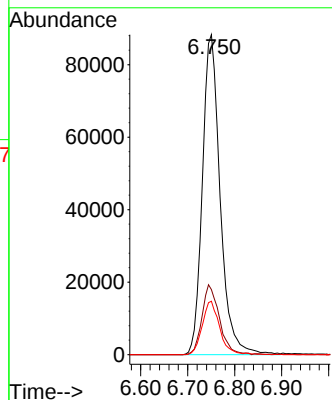
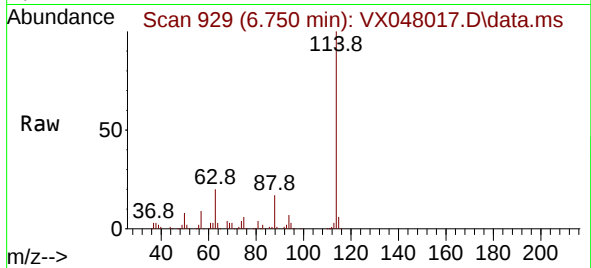




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

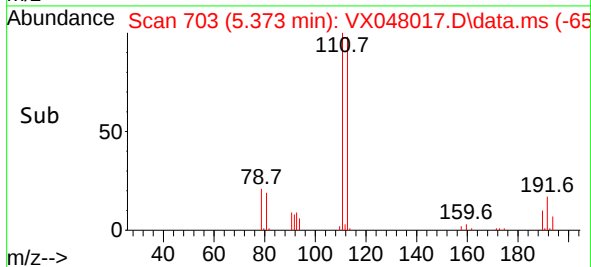
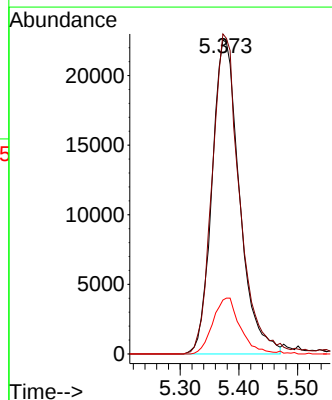
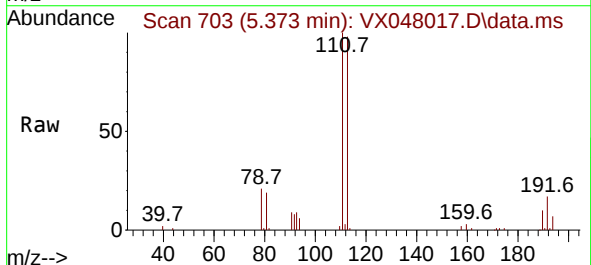
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 232170
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.0
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion:113 Resp: 73296
Ion Ratio Lower Upper
113 100
111 102.0 80.9 121.3
192 17.7 14.2 21.4

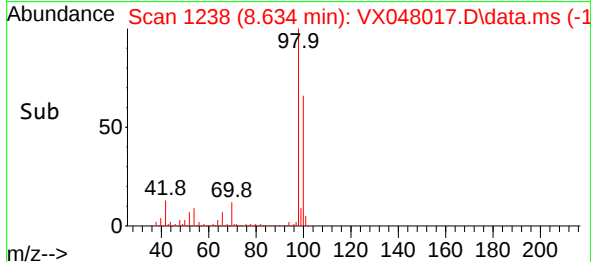
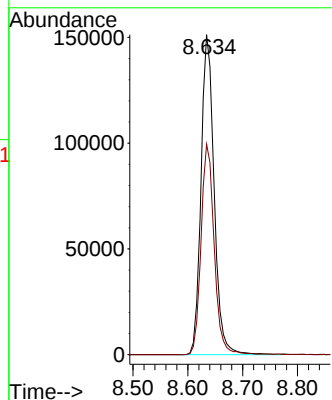
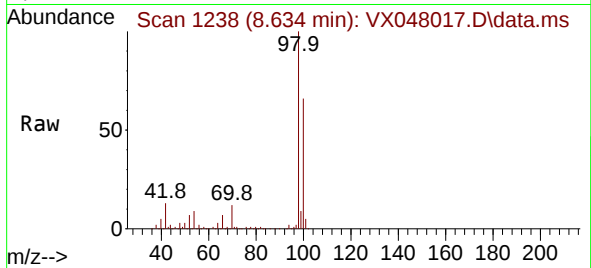




#50
Toluene-d8
Concen: 46.728 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

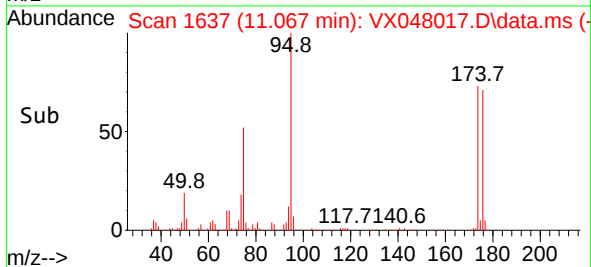
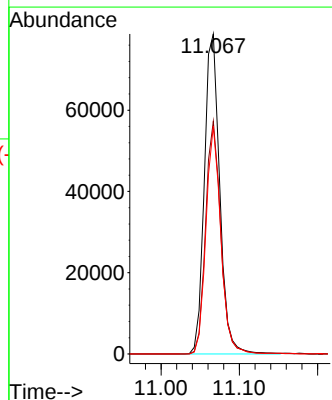
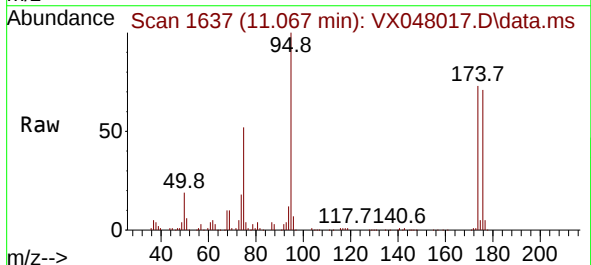
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 251760
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.467 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048017.D
Acq: 06 Oct 2025 12:43

Tgt Ion: 95 Resp: 107281
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 68.7 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: VX048017.D

Acq: 06 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

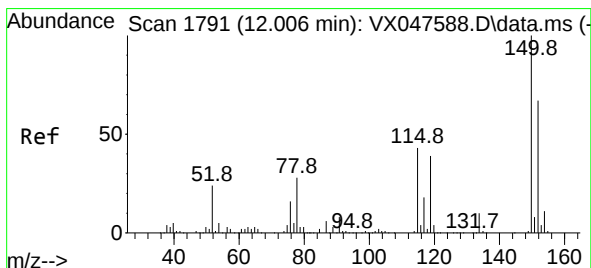
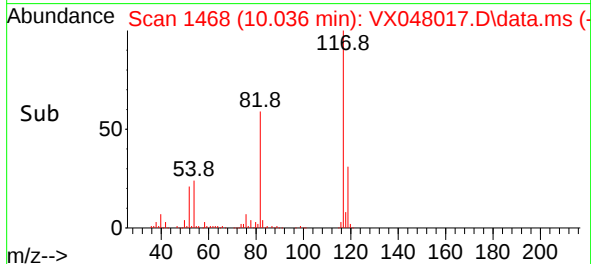
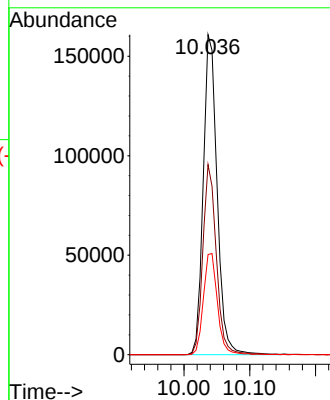
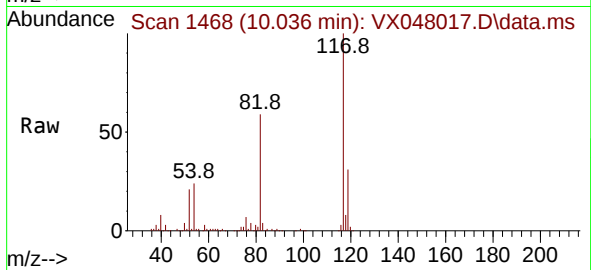
Tgt Ion:117 Resp: 236321

Ion Ratio Lower Upper

117 100

82 59.4 47.8 71.6

119 31.3 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: VX048017.D

Acq: 06 Oct 2025 12:43

Tgt Ion:152 Resp: 117369

Ion Ratio Lower Upper

152 100

115 61.1 44.9 134.5

150 156.5 0.0 352.0

