

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048173.D
 Acq On : 14 Oct 2025 17:37
 Operator : JC/MD
 Sample : Q3325-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Oct 15 02:49:37 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	111167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	226396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	230418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123442	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	96984	54.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.620%
35) Dibromofluoromethane	5.373	113	78071	51.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.840%
50) Toluene-d8	8.635	98	244684	46.573	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.061	95	116729	58.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.080%

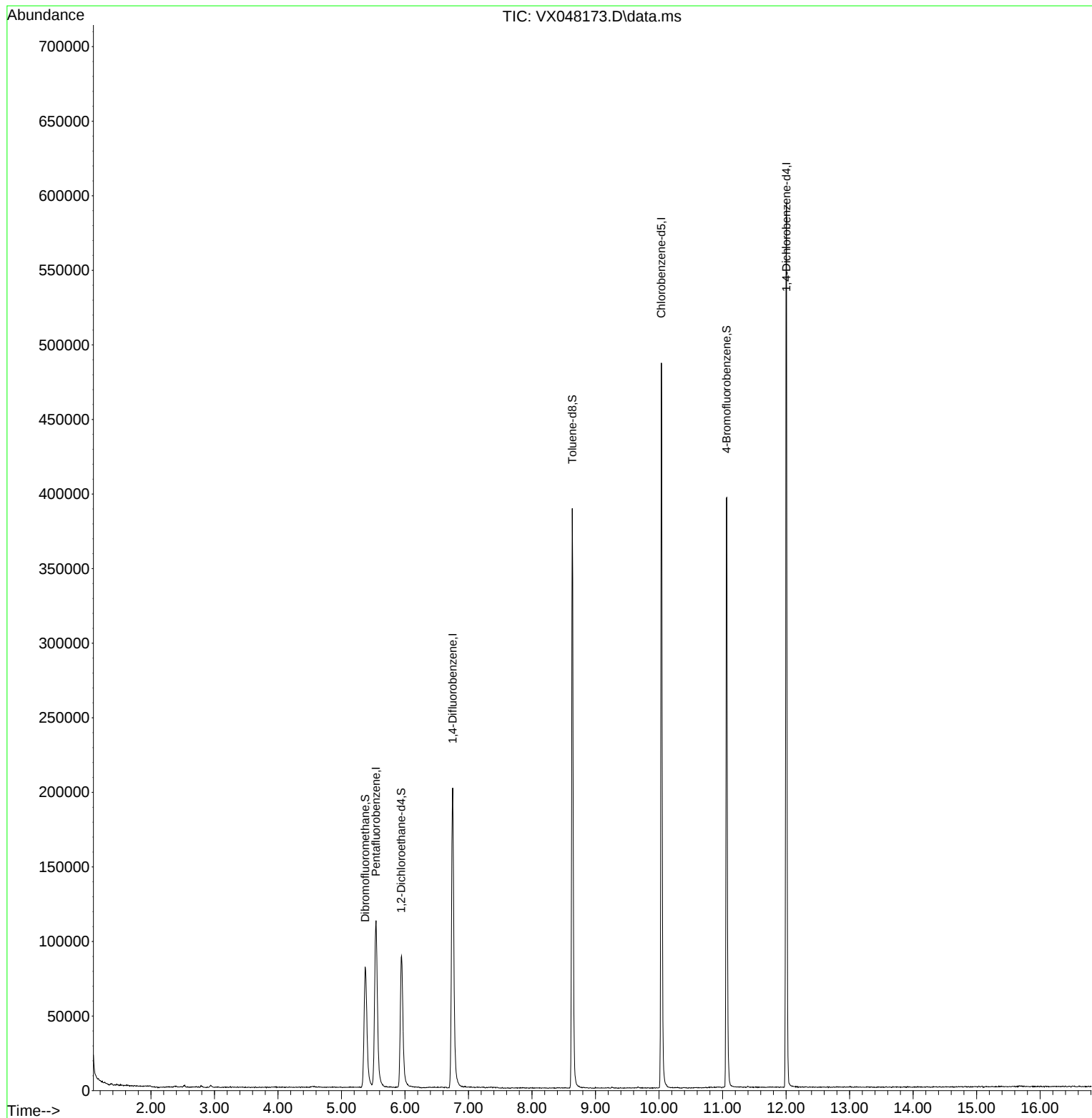
Target Compounds	Qvalue

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

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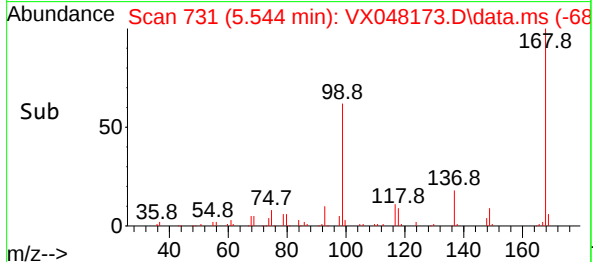
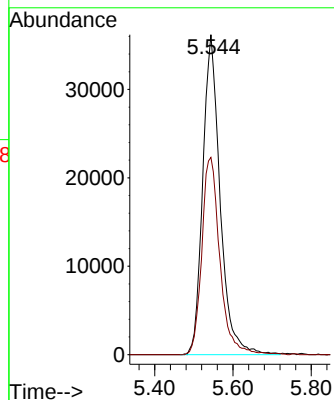
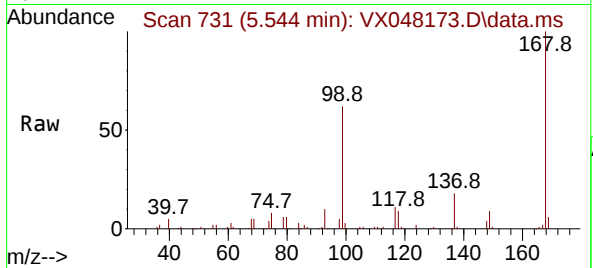




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

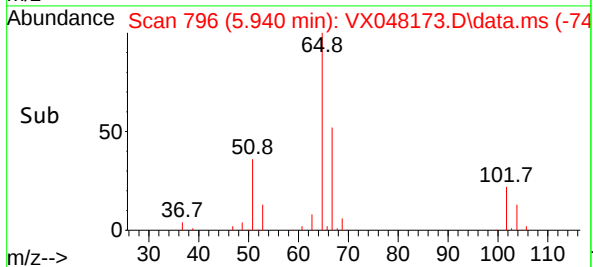
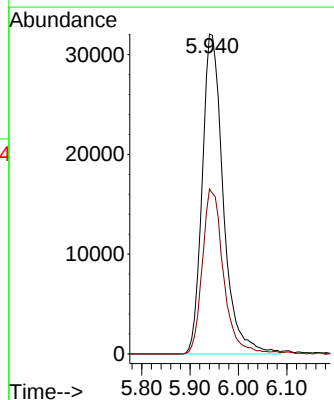
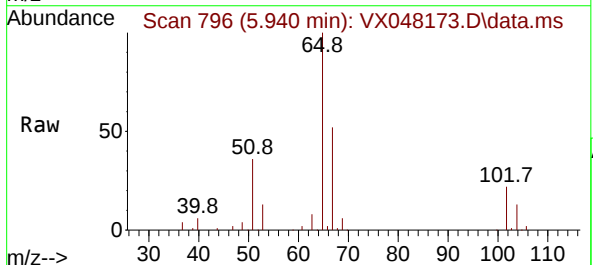
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 111167
Ion Ratio Lower Upper
168 100
99 61.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.809 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion: 65 Resp: 96984
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

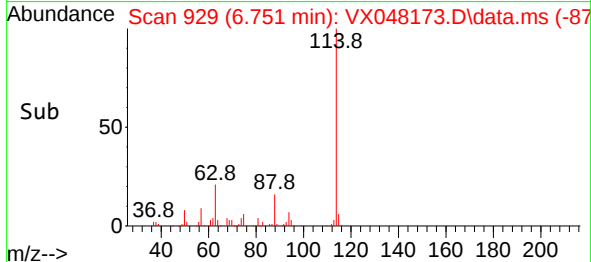
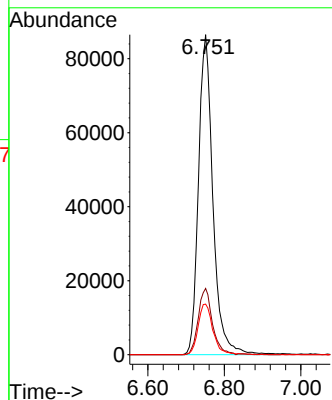
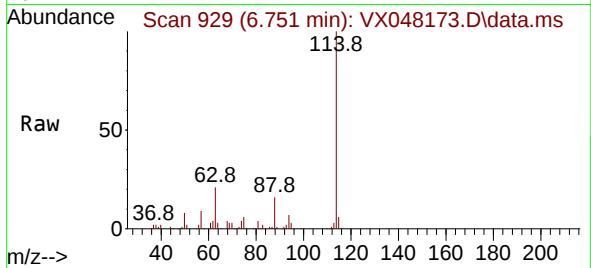




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

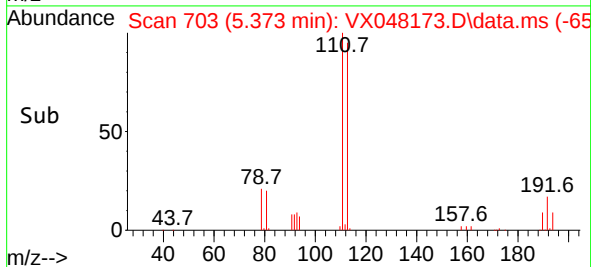
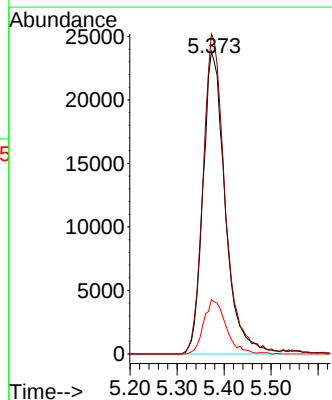
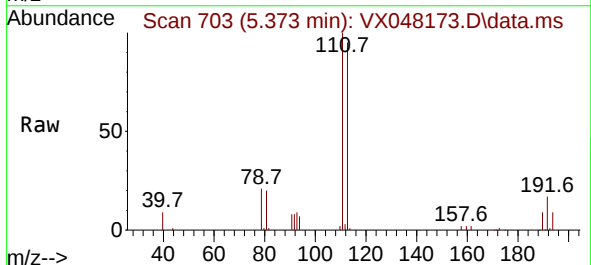
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tgt Ion:114 Resp: 226396
Ion Ratio Lower Upper
114 100
63 20.7 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.419 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion:113 Resp: 78071
Ion Ratio Lower Upper
113 100
111 105.0 80.9 121.3
192 17.9 14.2 21.4

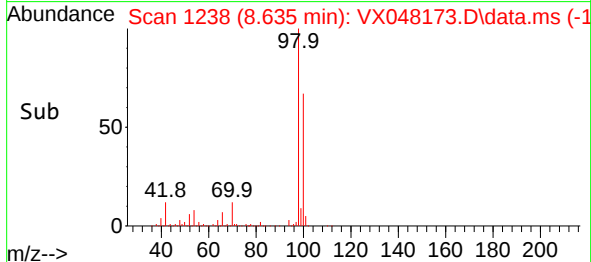
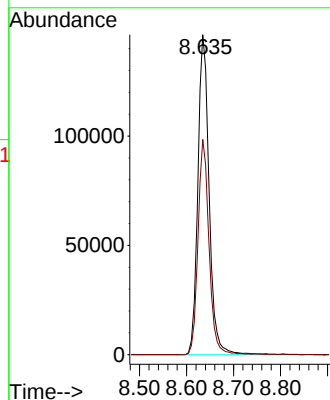
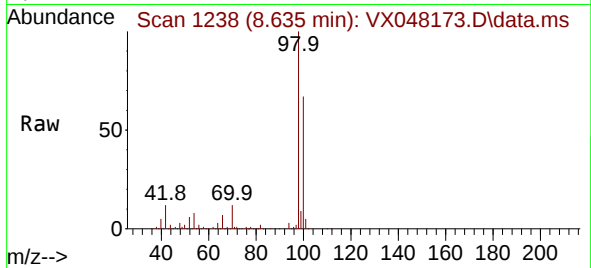




#50
Toluene-d8
Concen: 46.573 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

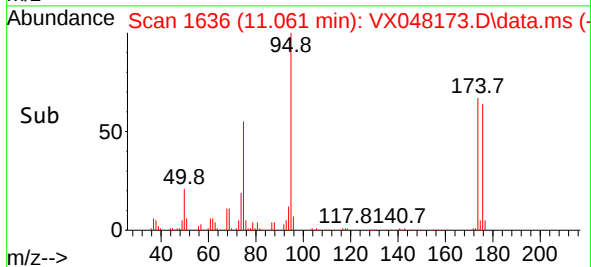
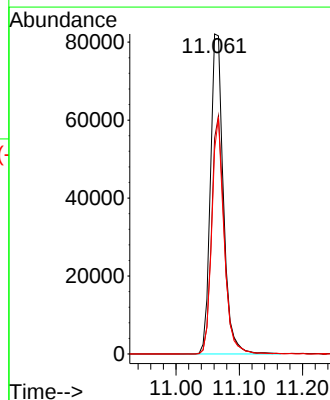
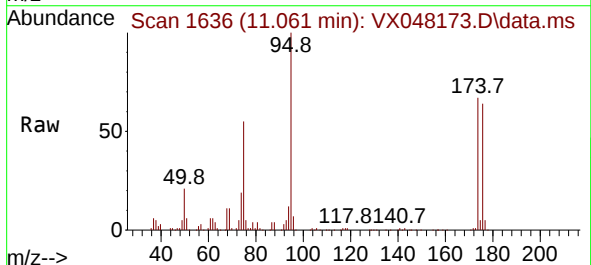
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

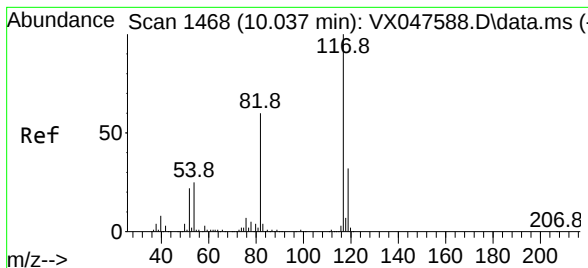
Tgt Ion: 98 Resp: 244684
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.543 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion: 95 Resp: 116729
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 70.1 0.0 138.4

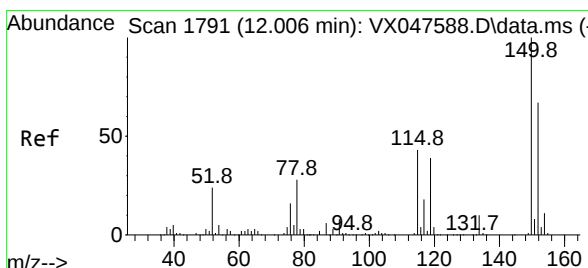
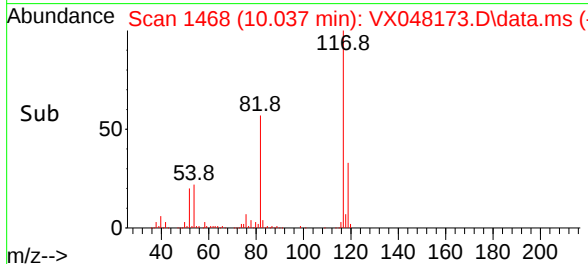
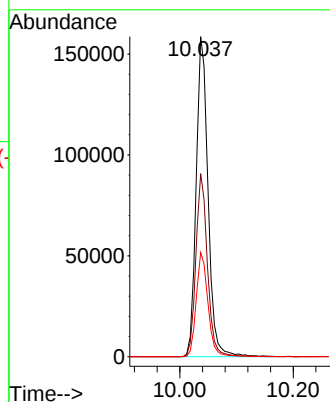
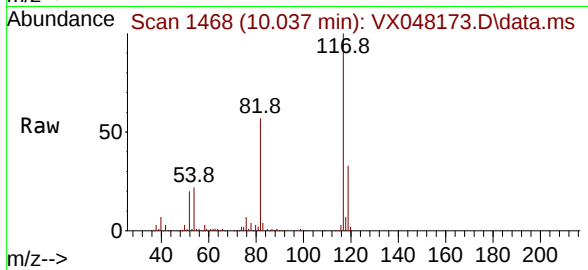




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048173.D
Acq: 14 Oct 2025 17:37

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

Tgt Ion:117 Resp: 230418
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.6 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: VX048173.D
Acq: 14 Oct 2025 17:37

Tgt Ion:152 Resp: 123442
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 158.5 0.0 352.0

