

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048038.D
 Acq On : 07 Oct 2025 09:34
 Operator : JC/MD
 Sample : VX1007WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBL01

Quant Time: Oct 08 01:20:54 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	133238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	276412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121535	57.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.620%
35) Dibromofluoromethane	5.373	113	95545	51.541	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.080%
50) Toluene-d8	8.635	98	316128	49.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.560%
62) 4-Bromofluorobenzene	11.061	95	138323	56.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.640%

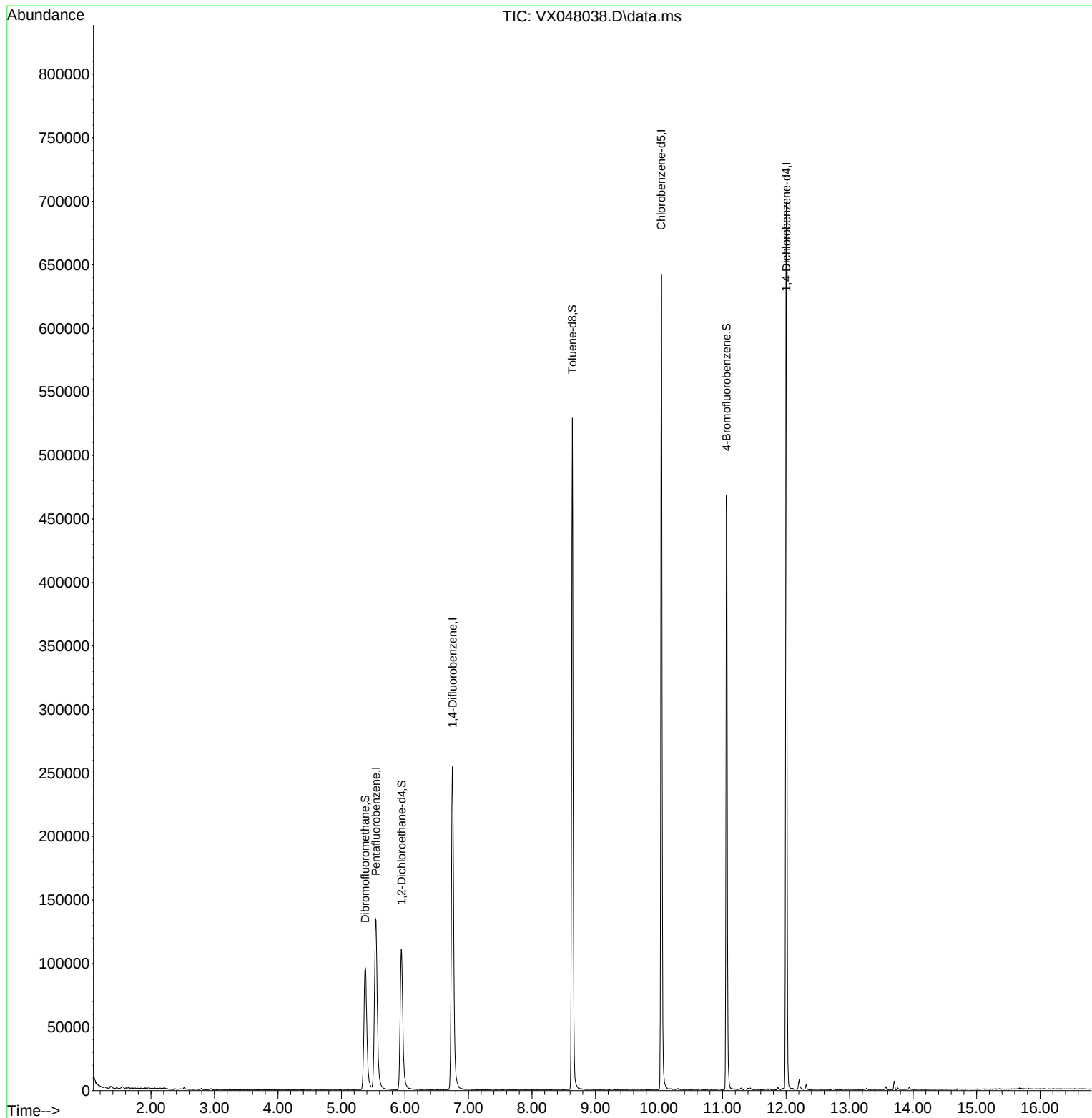
Target Compounds	Qvalue

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

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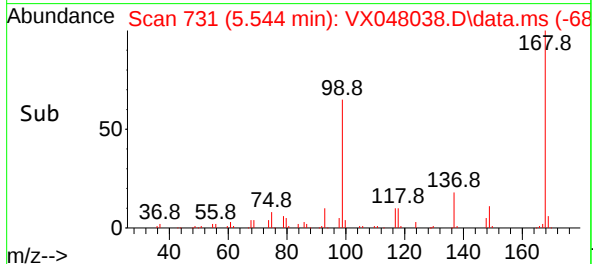
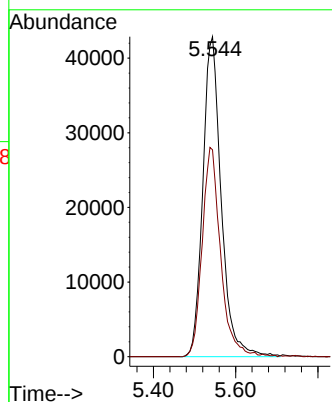
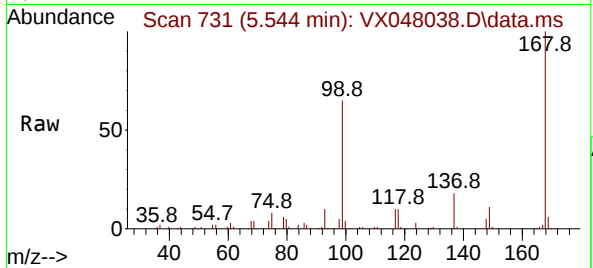




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

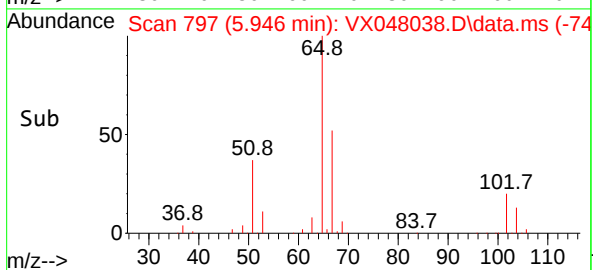
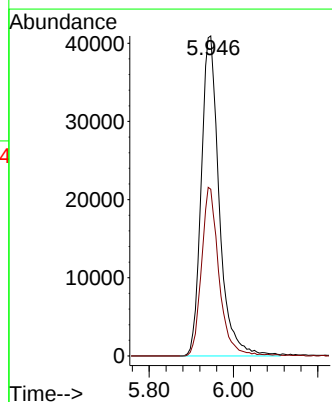
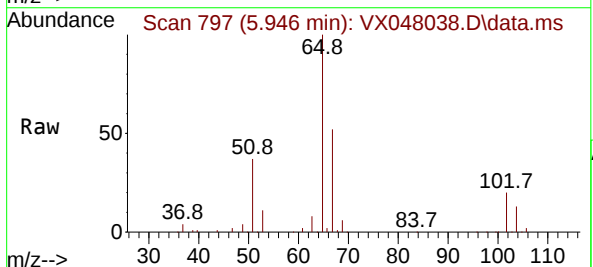
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion:168 Resp: 133238
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 57.306 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion: 65 Resp: 121535
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

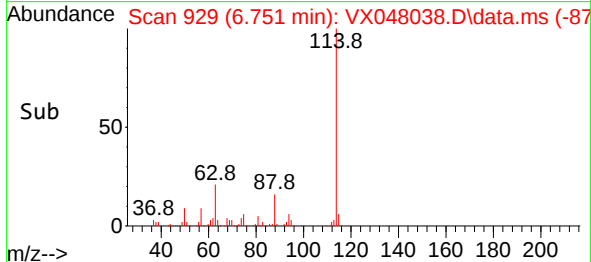
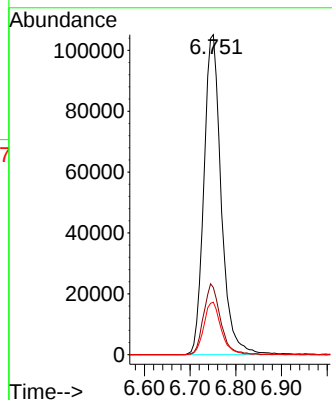
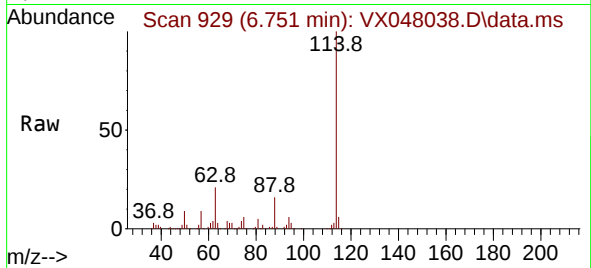




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

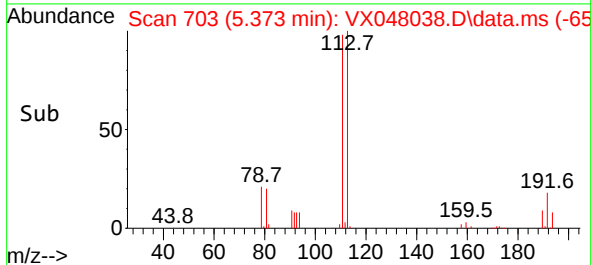
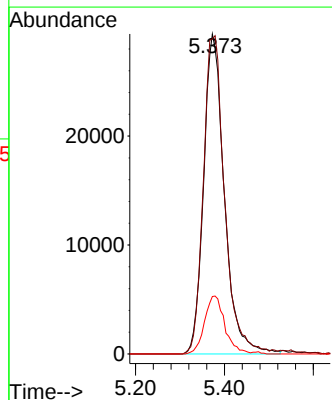
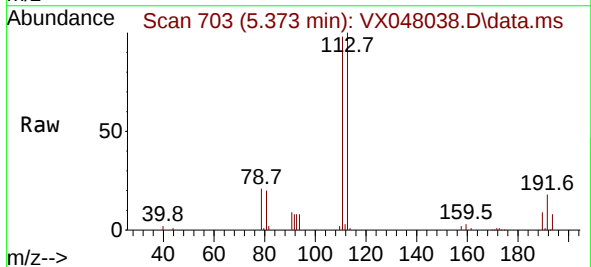
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion:114 Resp: 276412
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.541 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion:113 Resp: 95545
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.7 14.2 21.4

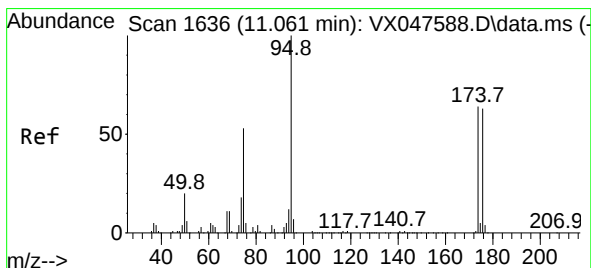
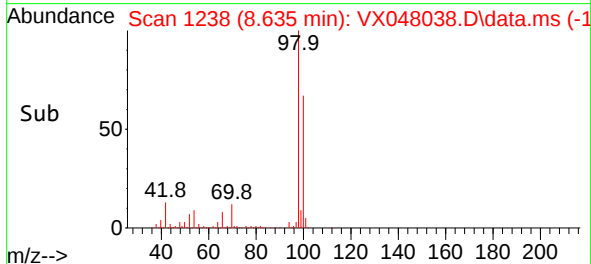
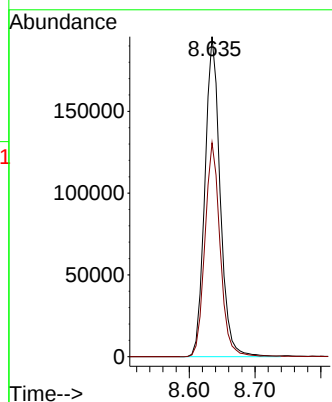
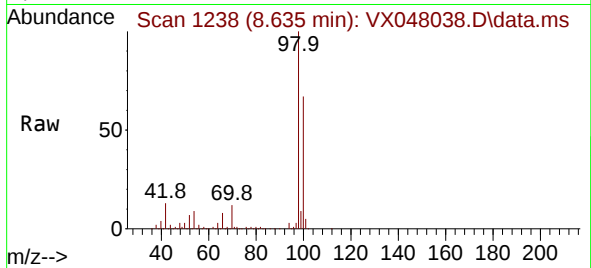




#50
Toluene-d8
Concen: 49.284 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

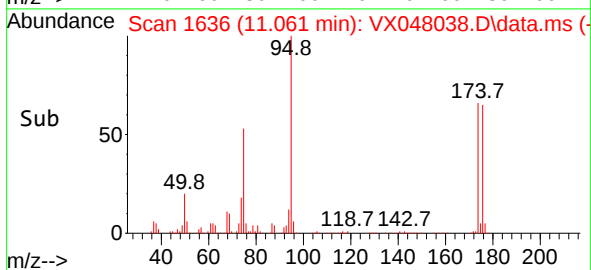
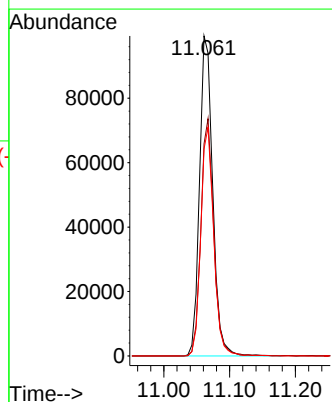
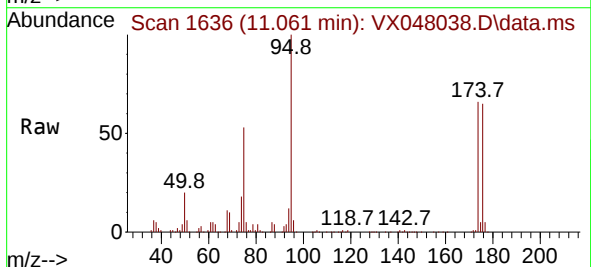
Instrument :
MSVOA_X
ClientSampleId :
VX1007WBL01

Tgt Ion: 98 Resp: 316128
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.820 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion: 95 Resp: 138323
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 70.1 0.0 138.4

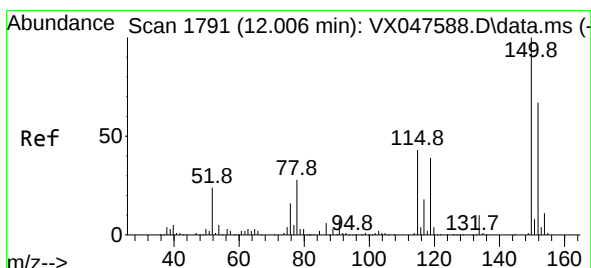
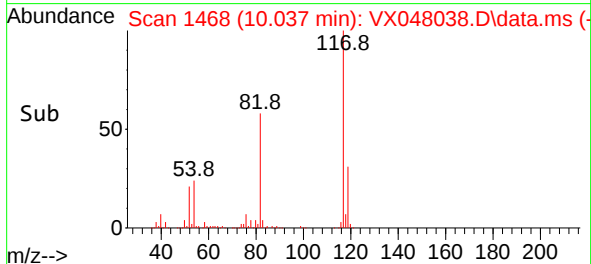
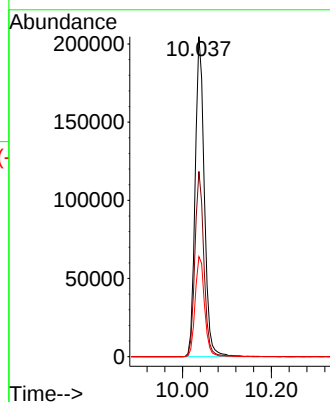
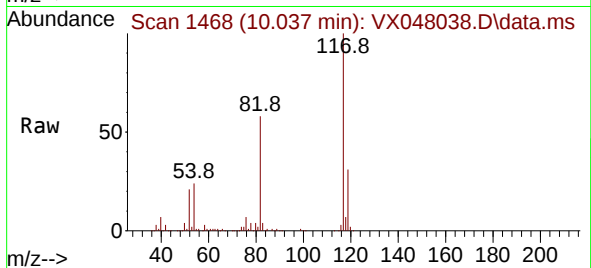




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048038.D
Acq: 07 Oct 2025 09:34

Instrument :
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ClientSampleId :
VX1007WBL01

Tgt Ion:117 Resp: 291549
Ion Ratio Lower Upper
117 100
82 57.9 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: VX048038.D
Acq: 07 Oct 2025 09:34

Tgt Ion:152 Resp: 144709
Ion Ratio Lower Upper
152 100
115 63.2 44.9 134.5
150 157.5 0.0 352.0

