

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048167.D
 Acq On : 14 Oct 2025 15:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 15 02:47:28 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	134726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	271094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137991	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	114396	53.344	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.680%
35) Dibromofluoromethane	5.379	113	95430	52.489	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.980%
50) Toluene-d8	8.634	98	330973	52.611	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.220%
62) 4-Bromofluorobenzene	11.061	95	135650	56.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	113.640%

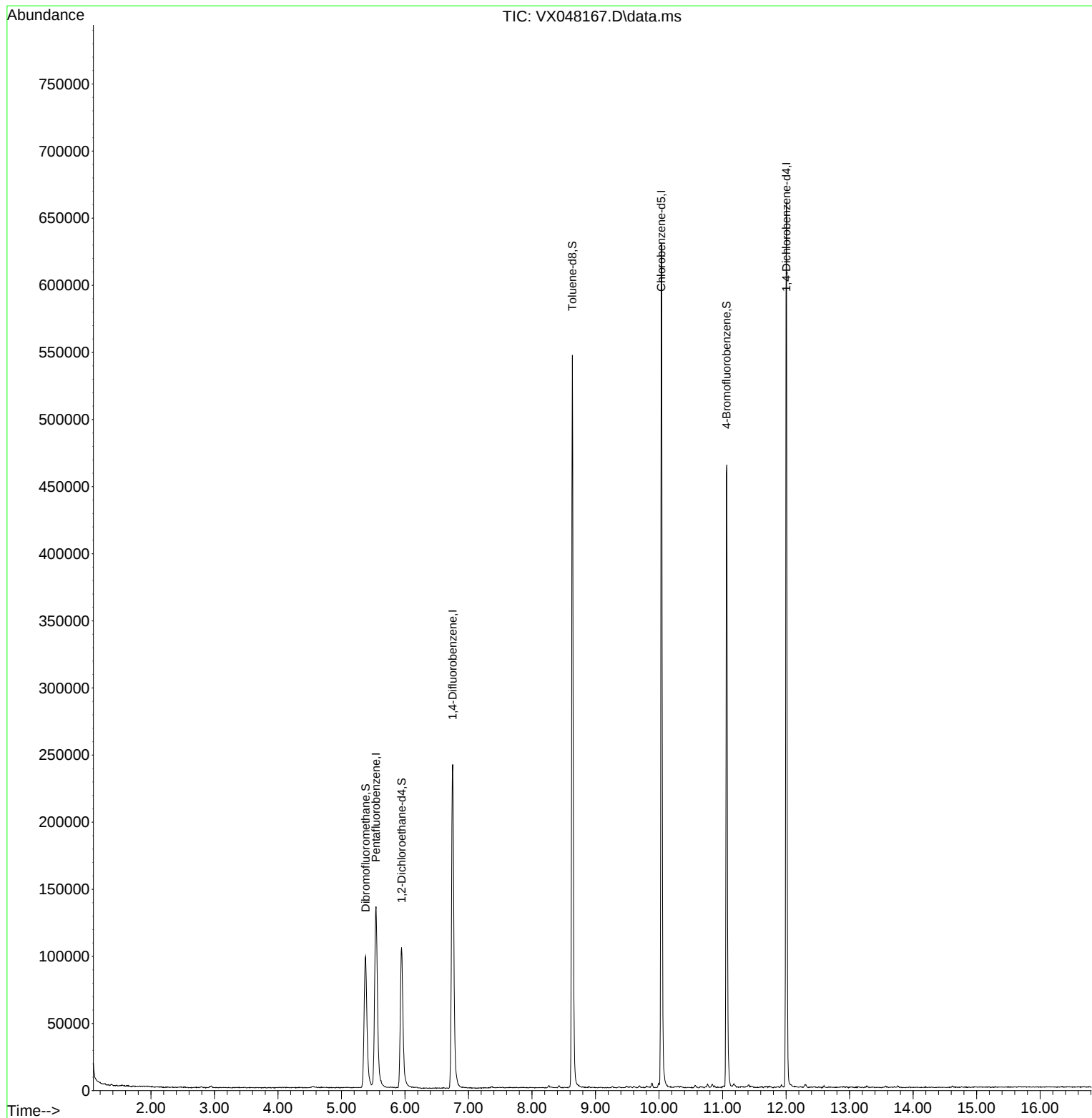
Target Compounds	Qvalue

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

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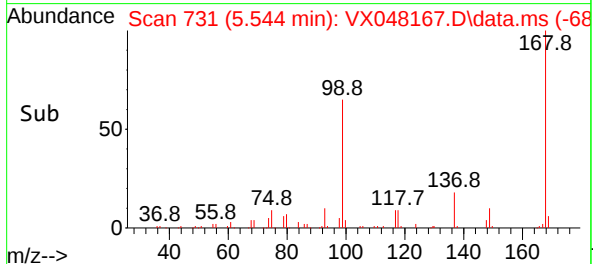
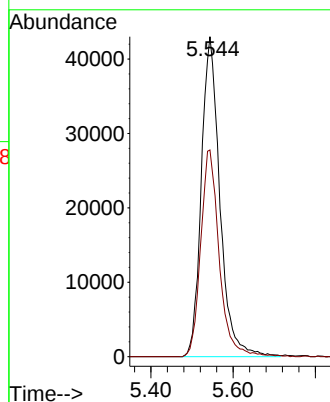
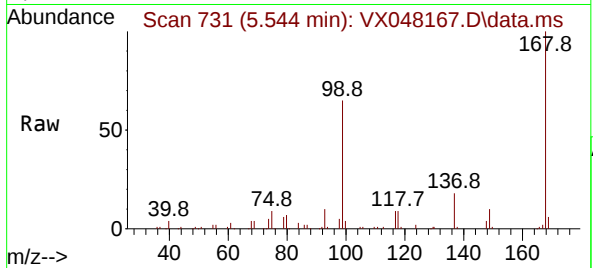




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

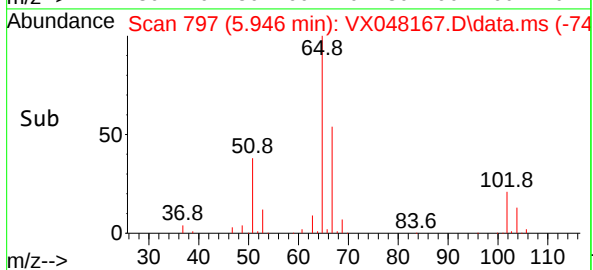
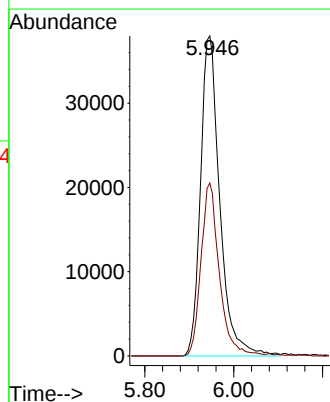
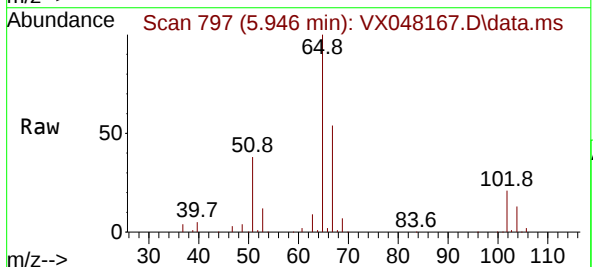
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 134726
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 53.344 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion: 65 Resp: 114396
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

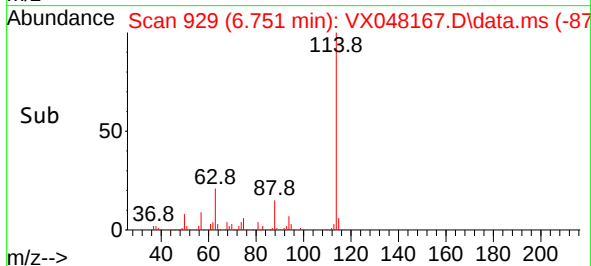
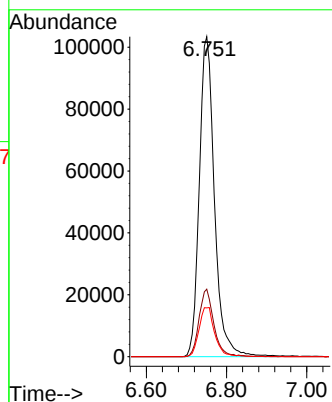
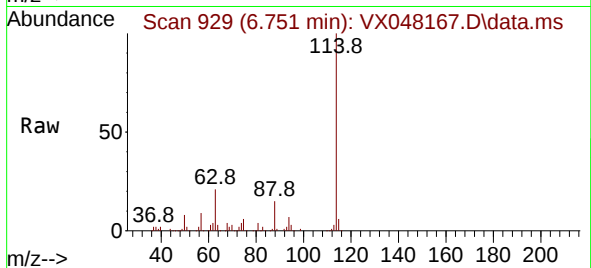




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

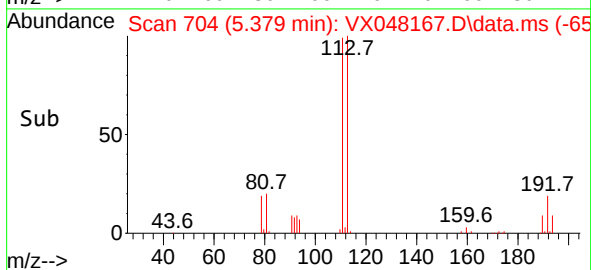
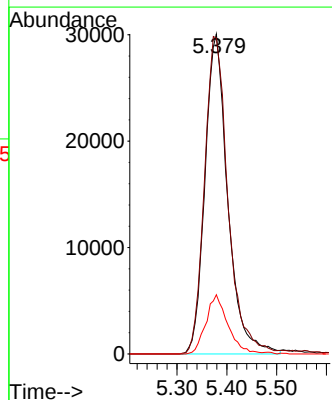
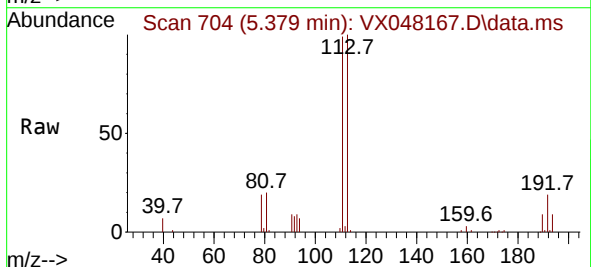
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 271094
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 15.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.489 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion:113 Resp: 95430
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 17.8 14.2 21.4

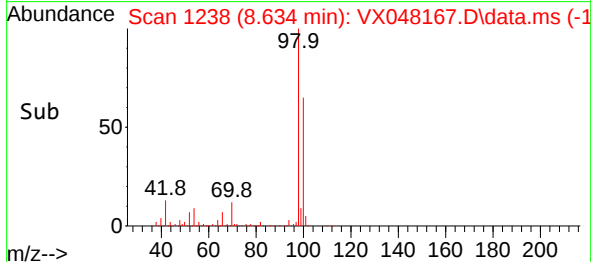
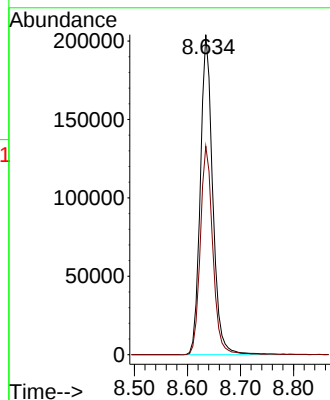
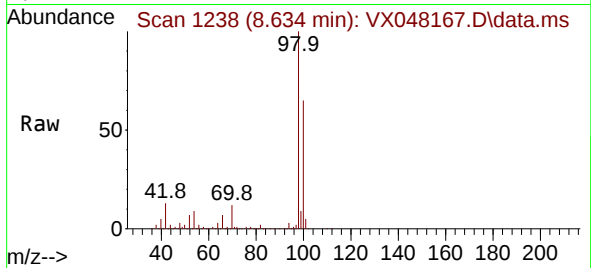




#50
Toluene-d8
Concen: 52.611 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

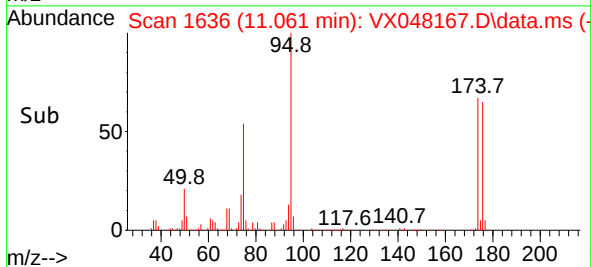
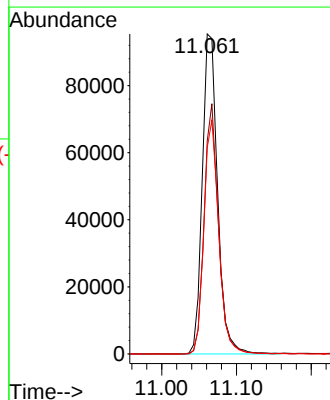
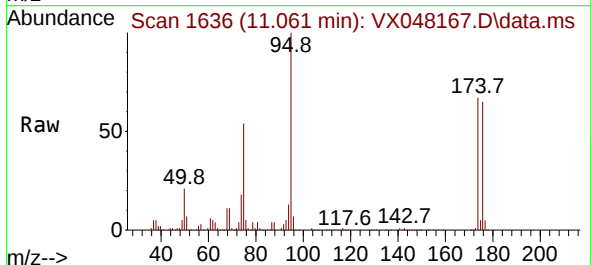
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 330973
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.816 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048167.D
Acq: 14 Oct 2025 15:33

Tgt Ion: 95 Resp: 135650
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 70.8 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: VX048167.D

Acq: 14 Oct 2025 15:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

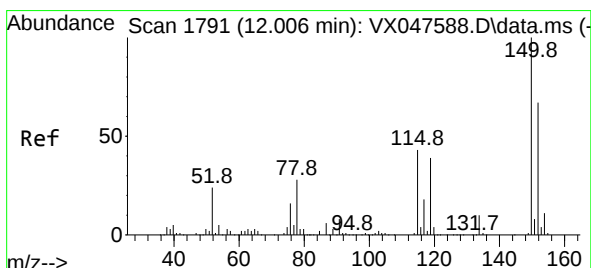
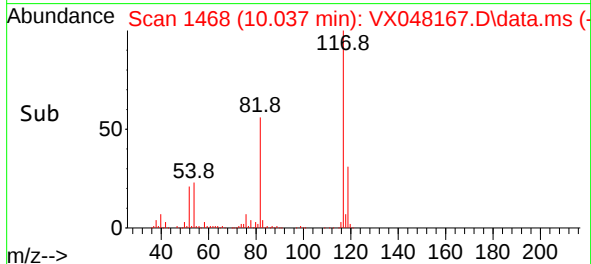
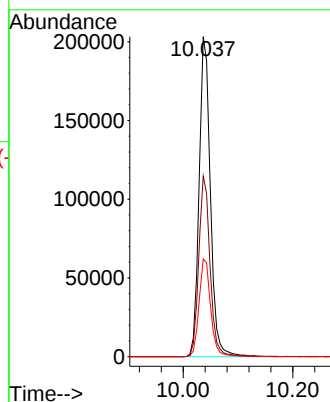
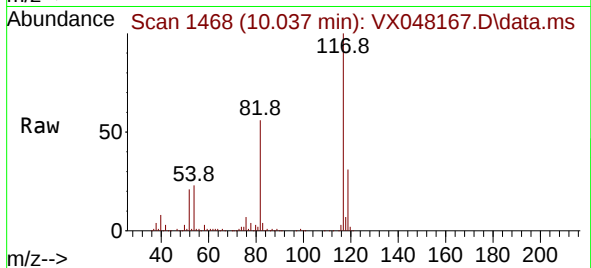
Tgt Ion:117 Resp: 291287

Ion Ratio Lower Upper

117 100

82 56.4 47.8 71.6

119 30.6 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: VX048167.D

Acq: 14 Oct 2025 15:33

Tgt Ion:152 Resp: 137991

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 157.0 0.0 352.0

