

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046568.D
 Acq On : 09 Jun 2025 11:11
 Operator : JC/MD
 Sample : VX0609WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBL01

Quant Time: Jun 10 01:38:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	96008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	164160	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	150610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79448	46.513	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	5.391	113	59869	49.592	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.180%
50) Toluene-d8	8.647	98	195135	49.028	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	85310	51.805	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.620%

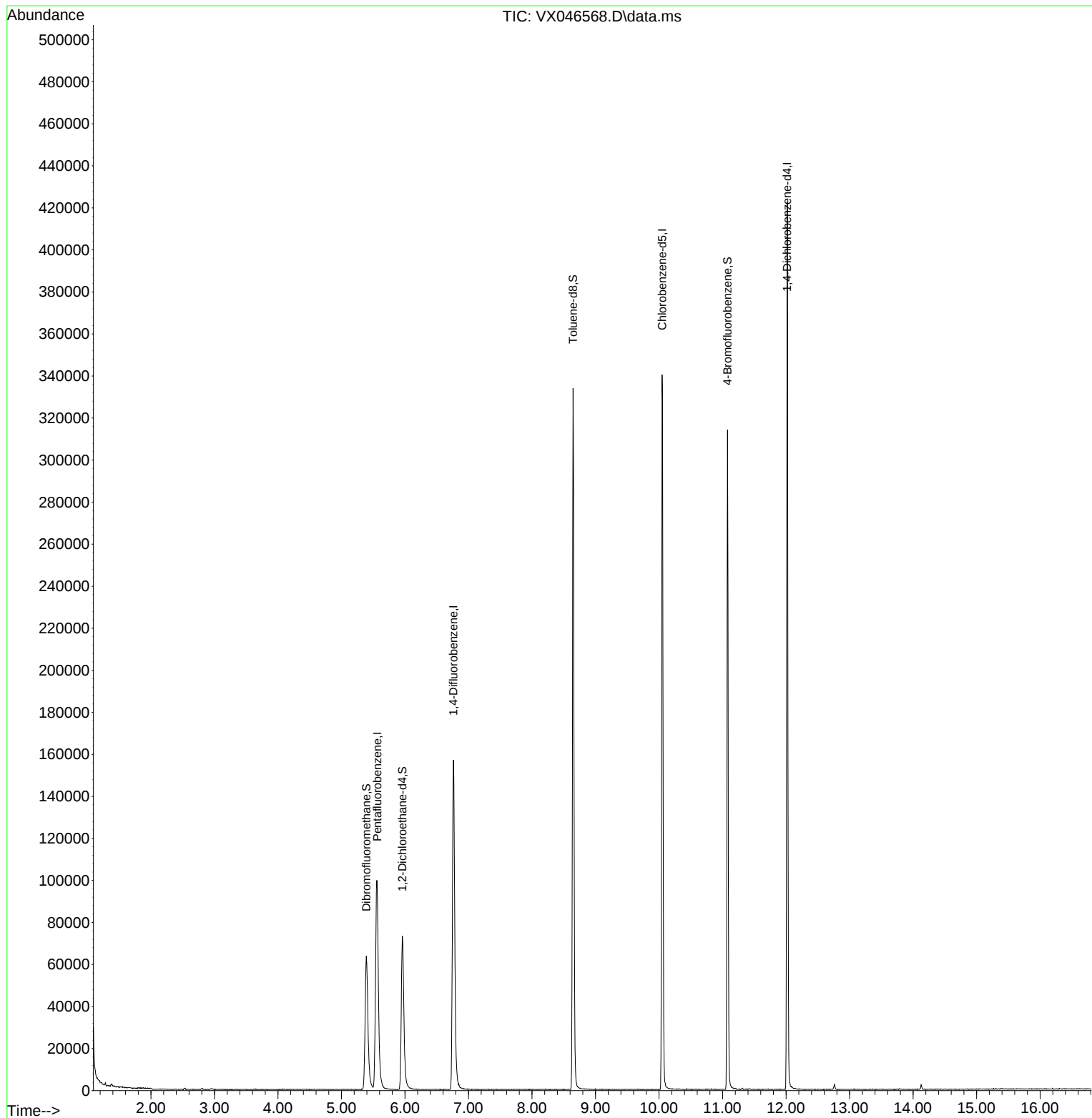
Target Compounds	Qvalue

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

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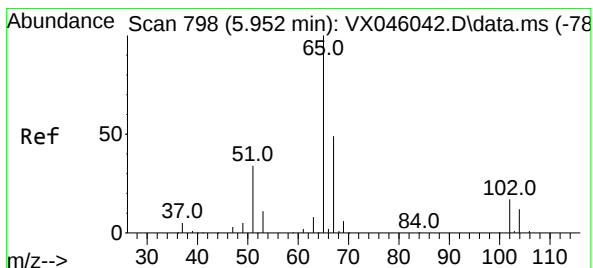
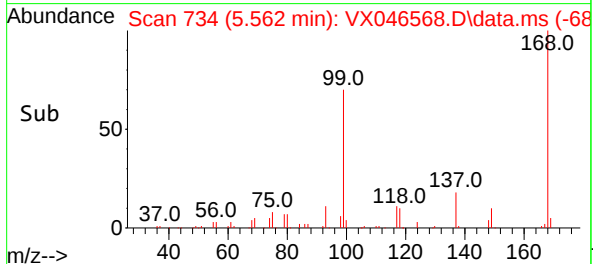
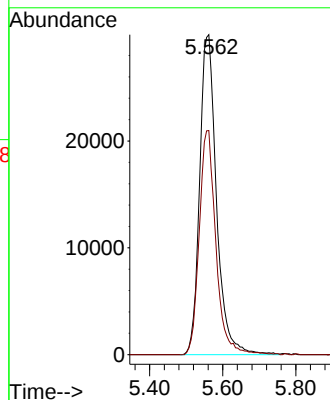
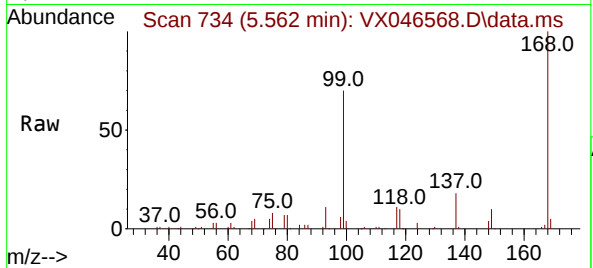




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

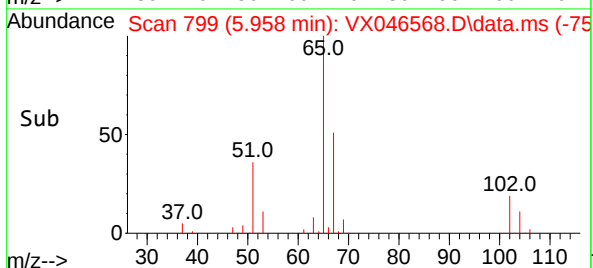
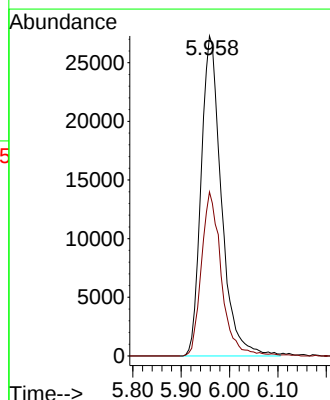
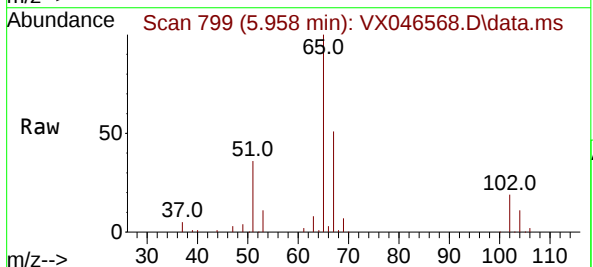
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

Tgt Ion:168 Resp: 96008
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3



#33
1,2-Dichloroethane-d4
Concen: 46.513 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.012 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

Tgt Ion: 65 Resp: 79448
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.0

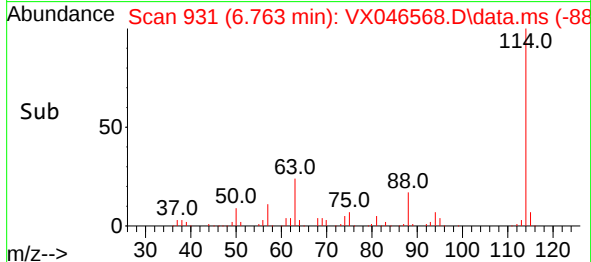
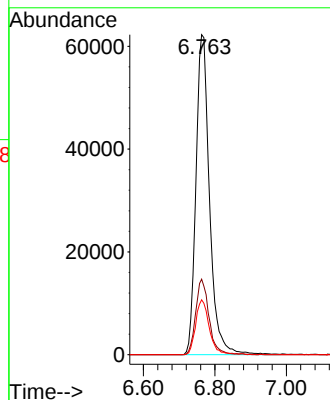
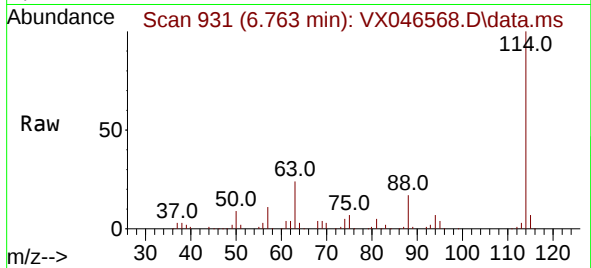




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

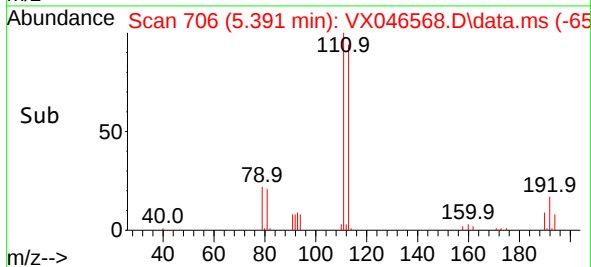
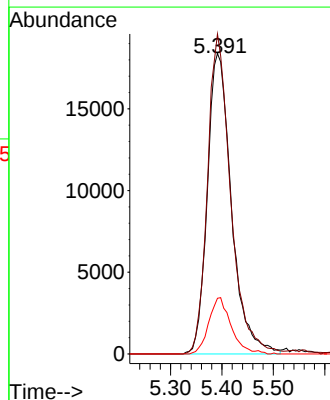
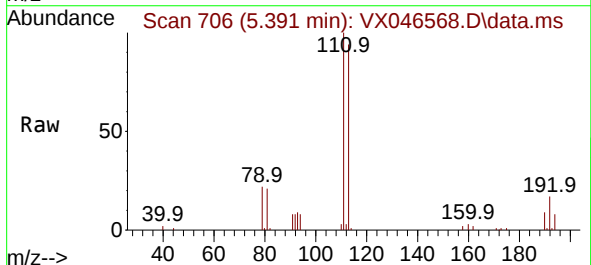
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

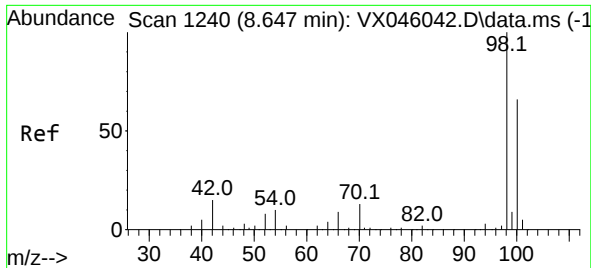
Tgt Ion:114 Resp: 164160
Ion Ratio Lower Upper
114 100
63 23.6 0.0 49.2
88 17.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 49.592 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.012 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

Tgt Ion:113 Resp: 59869
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.4 13.3 19.9

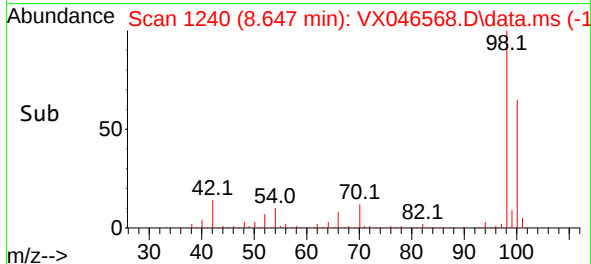
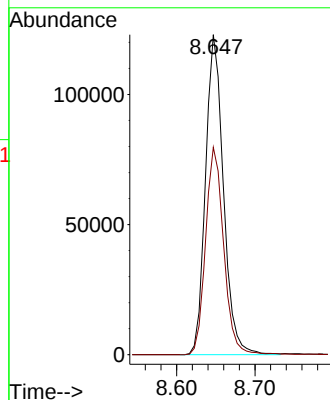
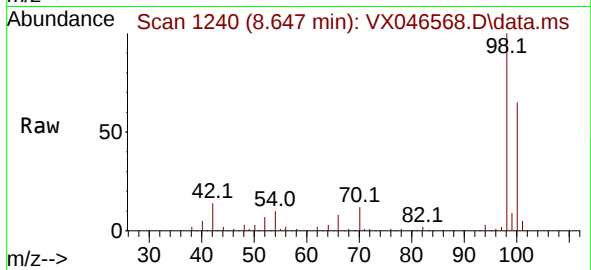




#50
Toluene-d8
Concen: 49.028 ug/l
RT: 8.647 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

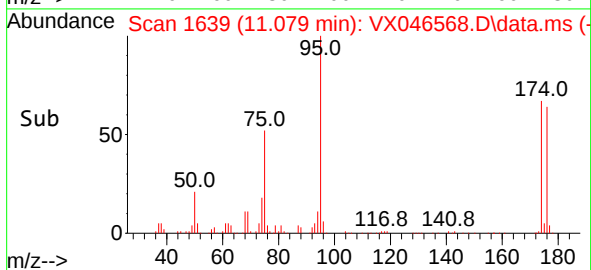
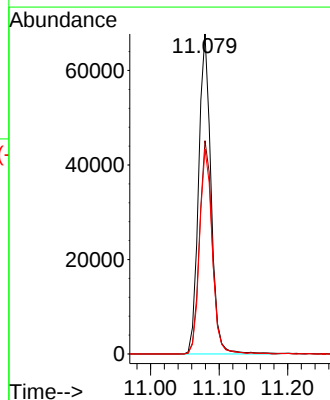
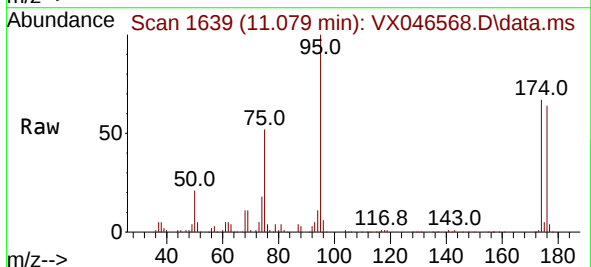
Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

Tgt Ion: 98 Resp: 195135
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.805 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

Tgt Ion: 95 Resp: 85310
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 65.5 0.0 131.4

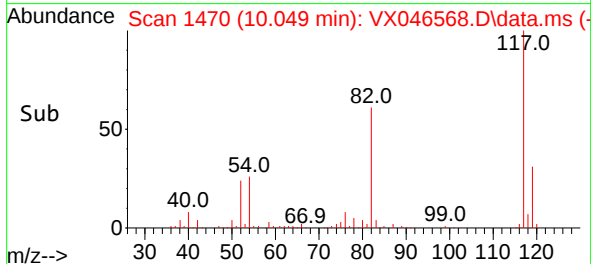
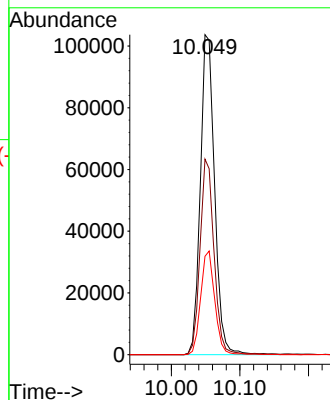
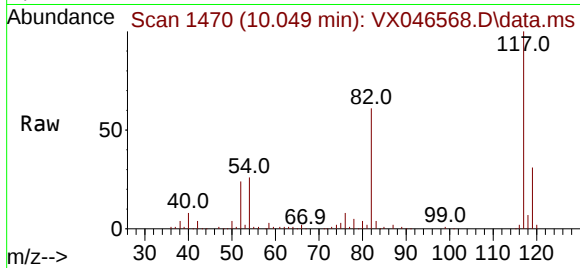




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VX0609WBL01

Tgt Ion:117 Resp: 150610
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 30.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046568.D
Acq: 09 Jun 2025 11:11

Tgt Ion:152 Resp: 79312
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 157.7 0.0 351.0

