

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082825\
 Data File : VX047554.D
 Acq On : 28 Aug 2025 16:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 29 02:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

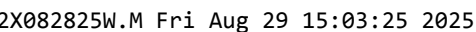
Internal Standards						
1) Pentafluorobenzene	5.568	168	168170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	332350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	335115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	167780	50.000	ug/l	0.00

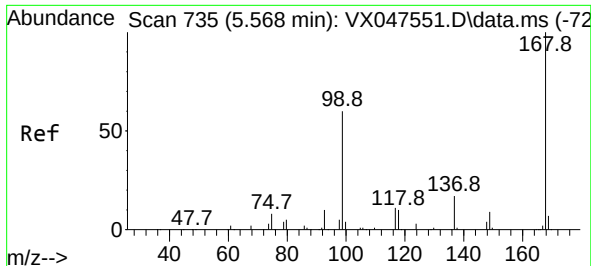
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	133977	51.879	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.760%
35) Dibromofluoromethane	5.397	113	114174	50.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.100%
50) Toluene-d8	8.653	98	410480	51.339	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.680%
62) 4-Bromofluorobenzene	11.079	95	172795	57.527	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.060%

Target Compounds	Qvalue

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

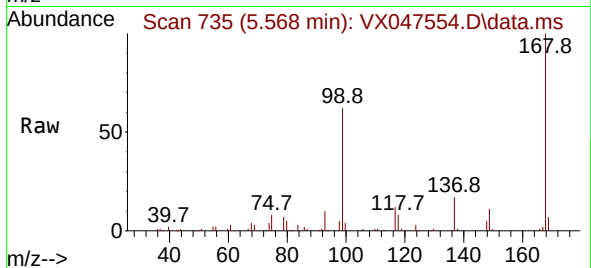
Quant Time: Aug 29 02:37:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 29 02:31:18 2025
Response via : Initial Calibration



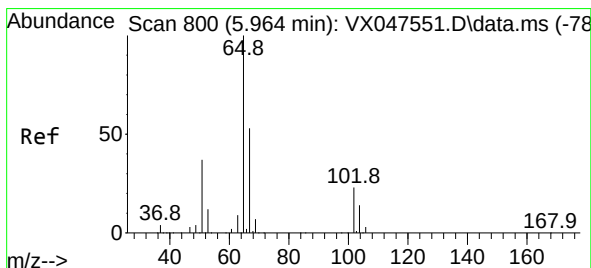
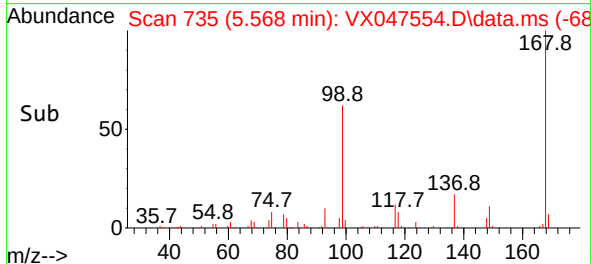
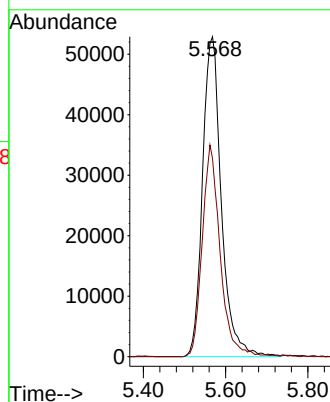


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

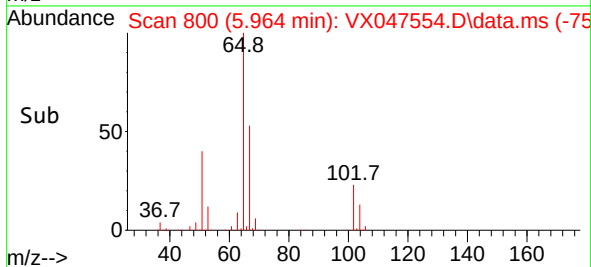
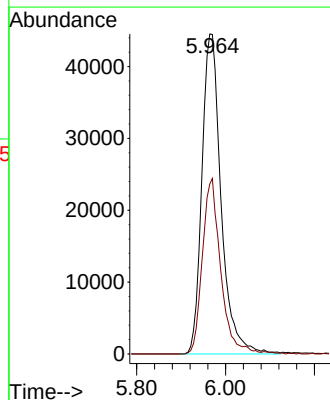
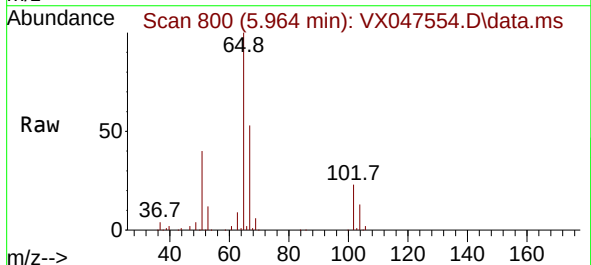


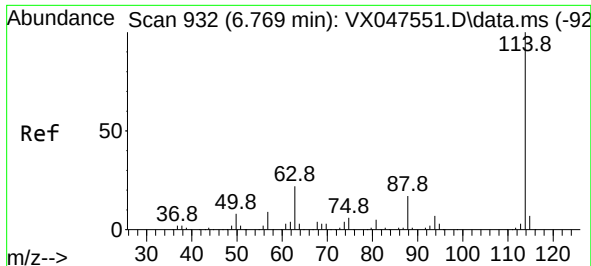
Tgt Ion:168 Resp: 168170
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 51.879 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

Tgt Ion: 65 Resp: 133977
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8

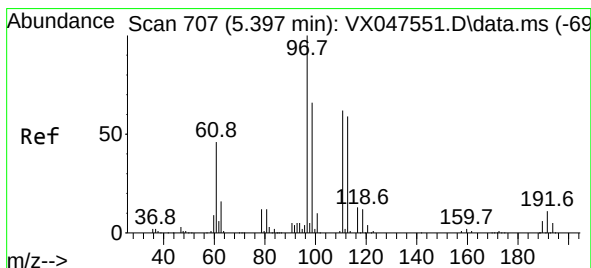
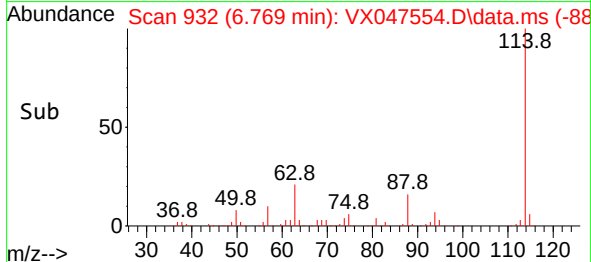
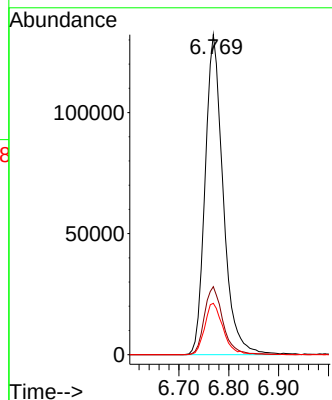
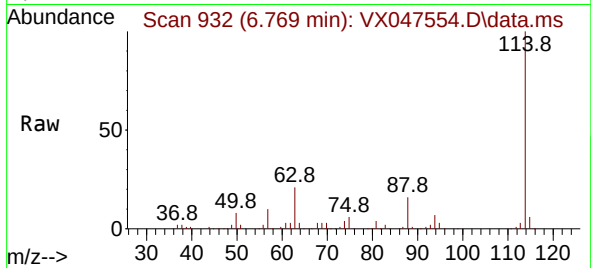




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

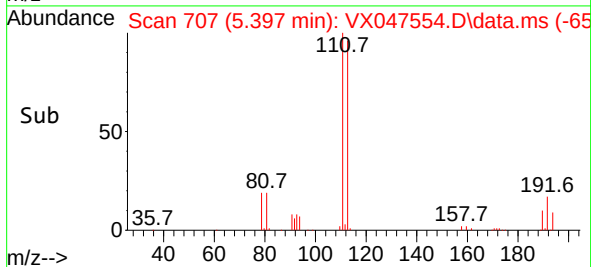
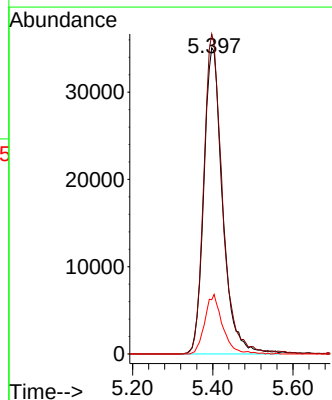
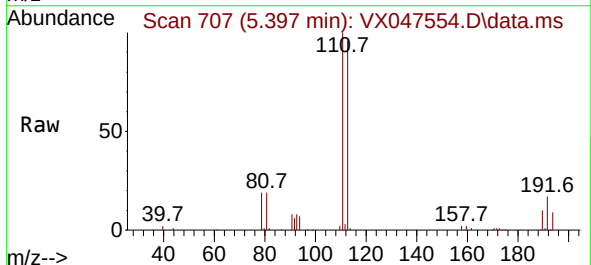
Instrument :
MSVOA_X
ClientSampleId :
IBLK

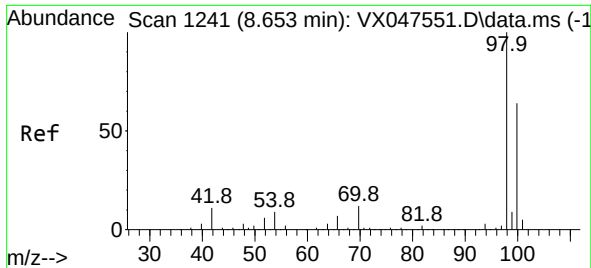
Tgt Ion:114 Resp: 332350
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.053 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

Tgt Ion:113 Resp: 114174
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 18.5 14.2 21.4

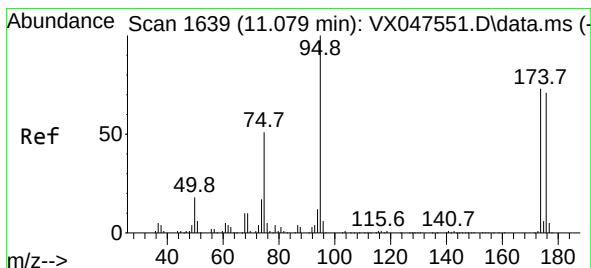
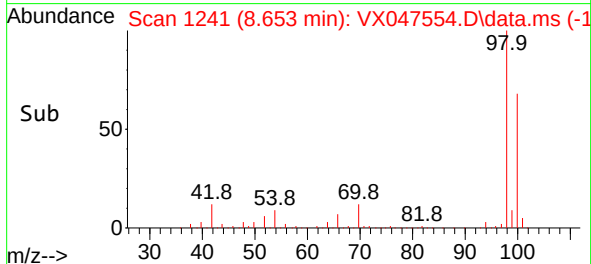
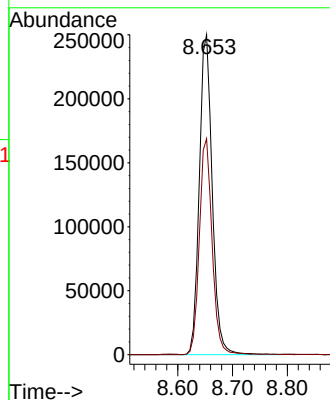
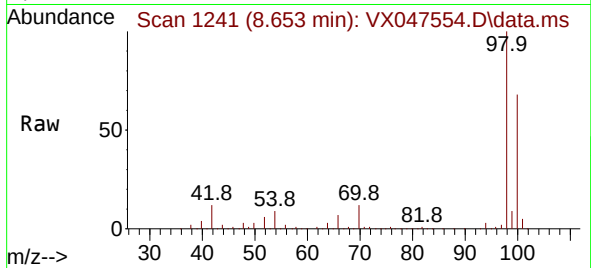




#50
Toluene-d8
Concen: 51.339 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

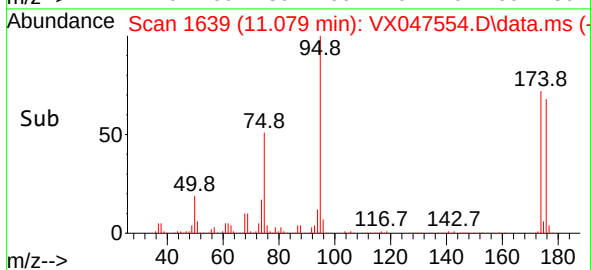
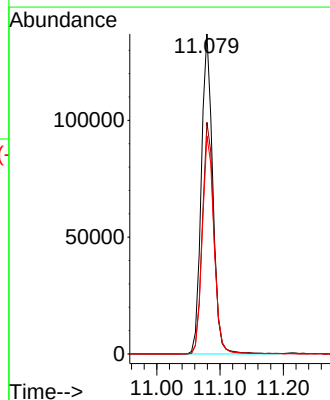
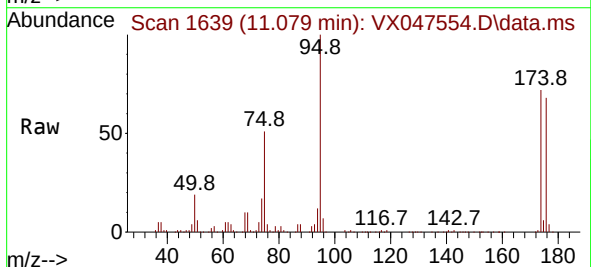
Instrument :
MSVOA_X
ClientSampleId :
IBLK

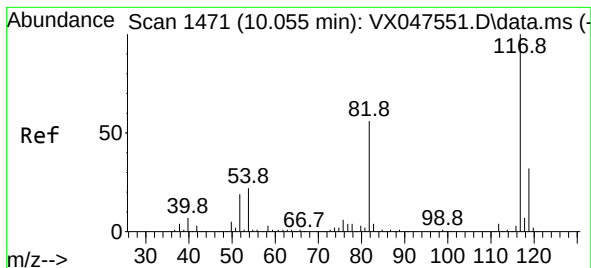
Tgt Ion: 98 Resp: 410480
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 57.527 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047554.D
Acq: 28 Aug 2025 16:56

Tgt Ion: 95 Resp: 172795
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 70.0 0.0 140.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX047554.D

Acq: 28 Aug 2025 16:56

Instrument :

MSVOA_X

ClientSampleId :

IBLK

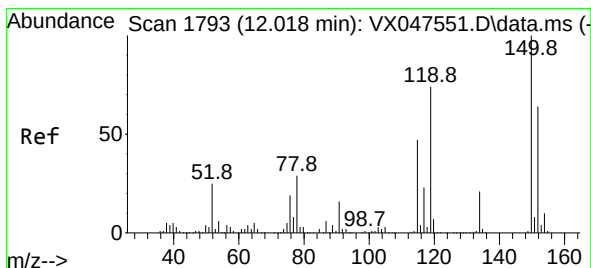
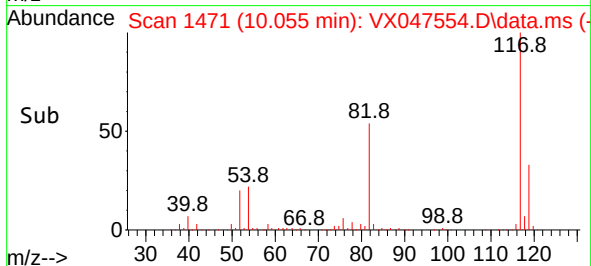
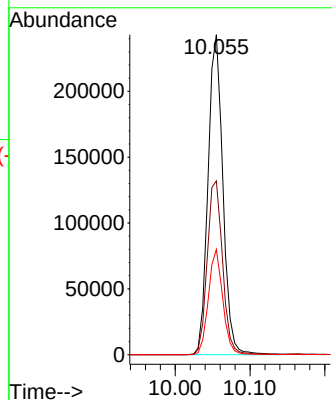
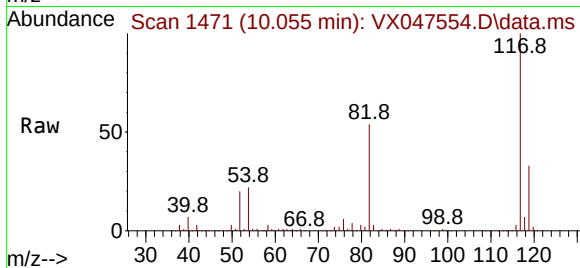
Tgt Ion:117 Resp: 335115

Ion Ratio Lower Upper

117 100

82 54.3 44.6 66.8

119 32.8 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX047554.D

Acq: 28 Aug 2025 16:56

Tgt Ion:152 Resp: 167780

Ion Ratio Lower Upper

152 100

115 63.7 42.9 128.5

150 157.9 0.0 351.0

