

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046631.D
 Acq On : 11 Jun 2025 12:31
 Operator : JC/MD
 Sample : VX0611WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBL01

Quant Time: Jun 12 01:39:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	19239	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	103534	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93773	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47448	30.467	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.567%
60) 4-Bromofluorobenzene	11.079	95	47923	30.320	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.067%
63) Toluene-d8	8.653	98	124779	29.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.300%

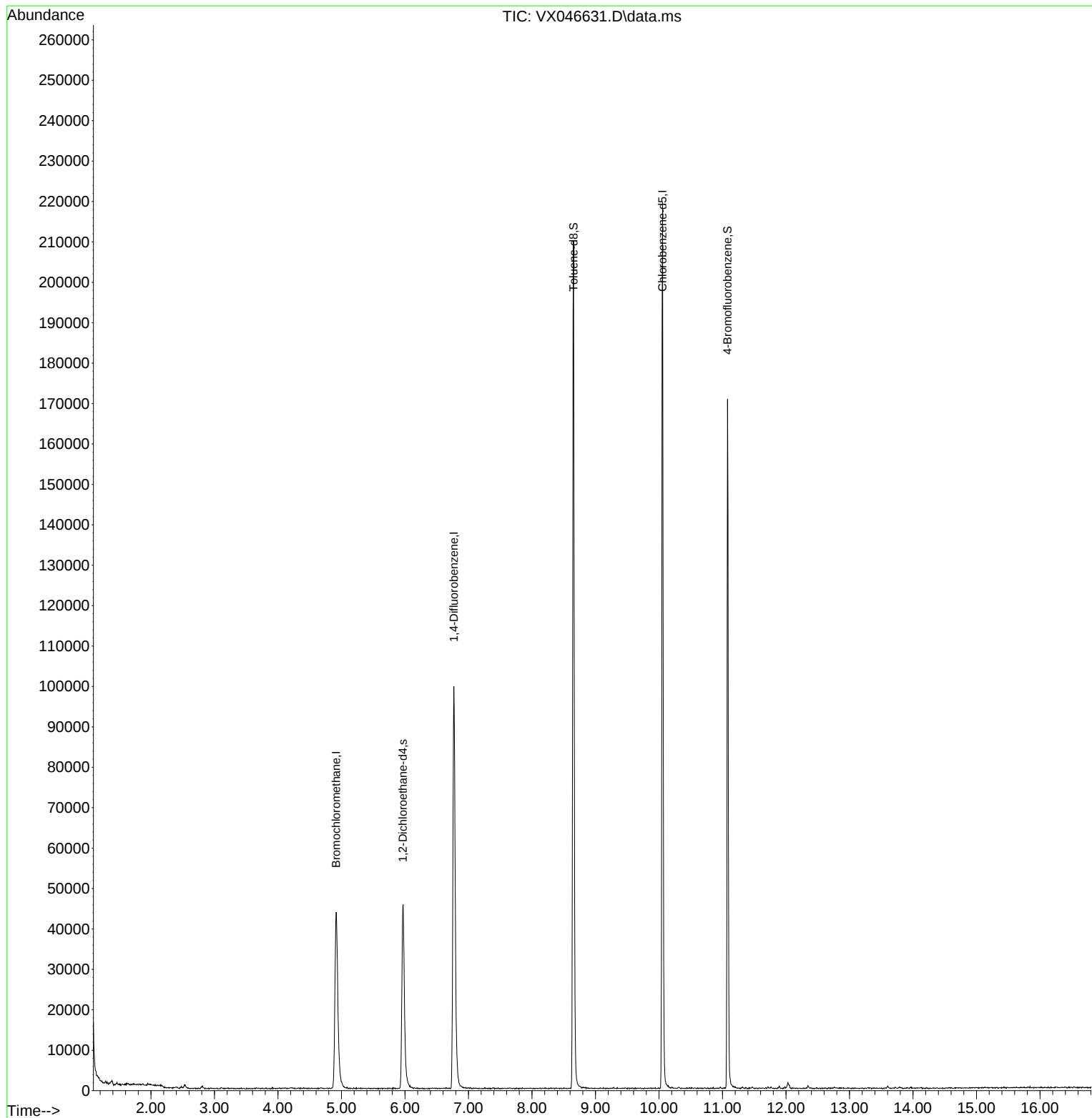
Target Compounds	Qvalue

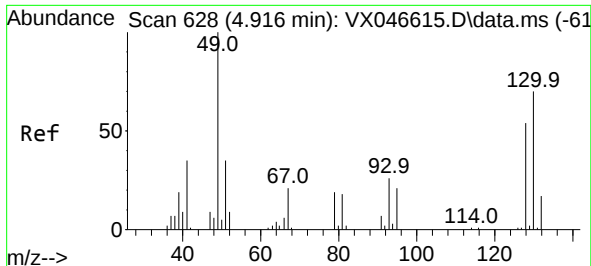
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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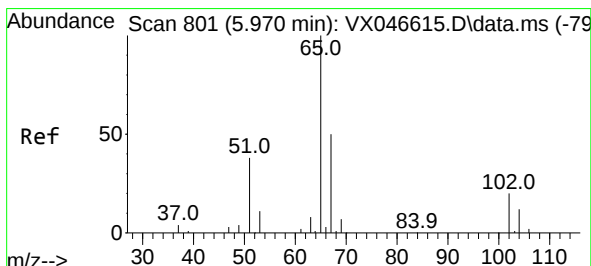
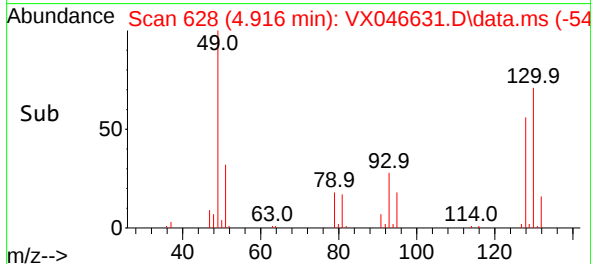
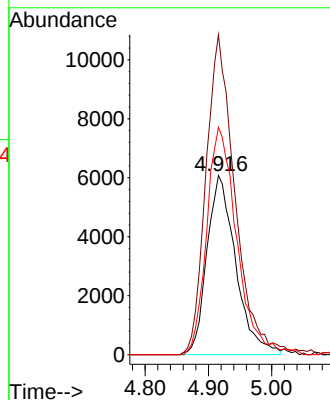
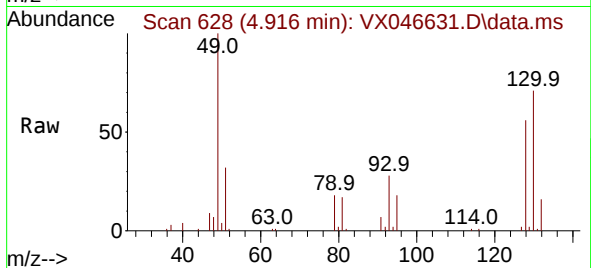




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

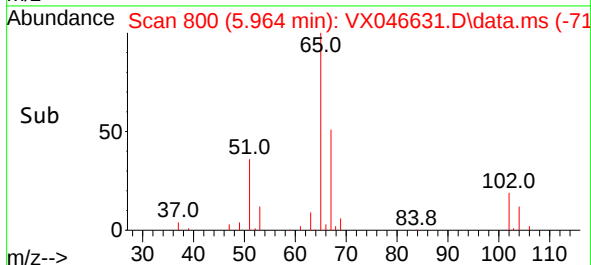
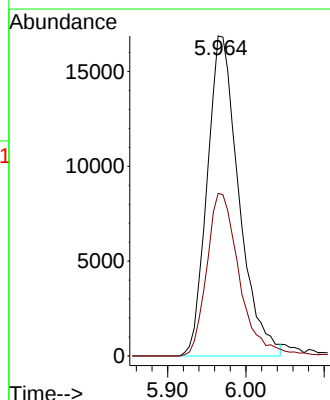
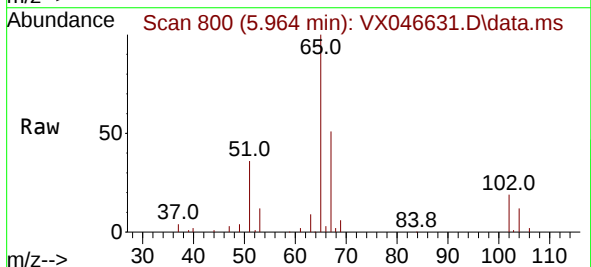
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

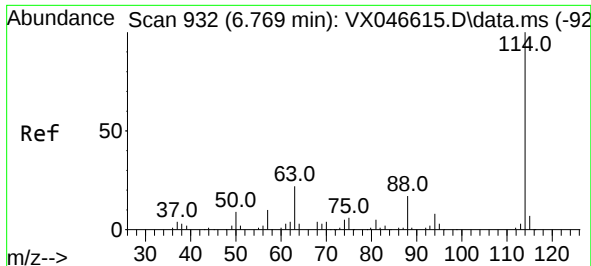
Tgt Ion:128 Resp: 19239
Ion Ratio Lower Upper
128 100
49 176.4 0.0 448.3
130 129.9 0.0 312.0



#27
1,2-Dichloroethane-d4
Concen: 30.467 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Tgt Ion: 65 Resp: 47448
Ion Ratio Lower Upper
65 100
67 52.3 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX046631.D

Acq: 11 Jun 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBL01

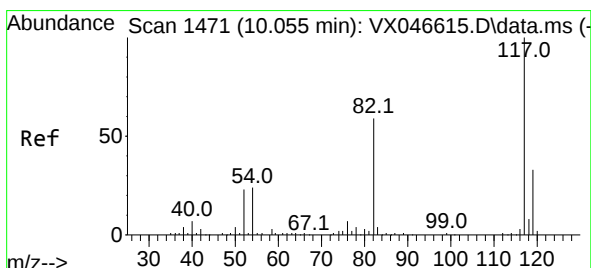
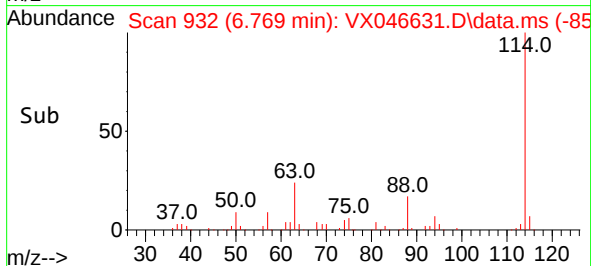
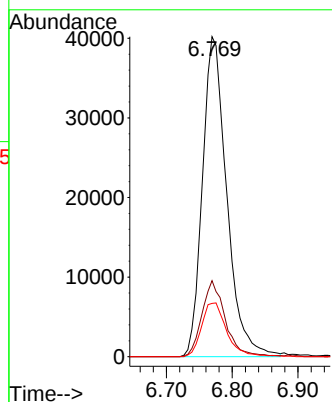
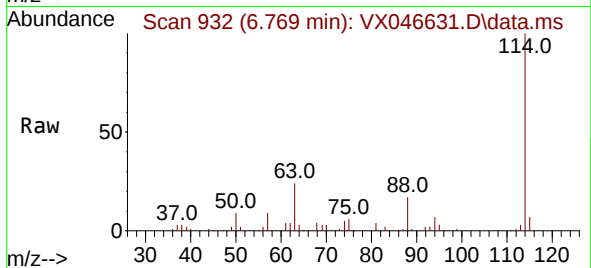
Tgt Ion:114 Resp: 103534

Ion Ratio Lower Upper

114 100

63 22.7 18.1 27.1

88 17.2 14.1 21.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046631.D

Acq: 11 Jun 2025 12:31

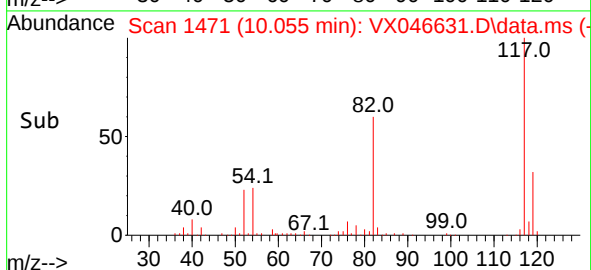
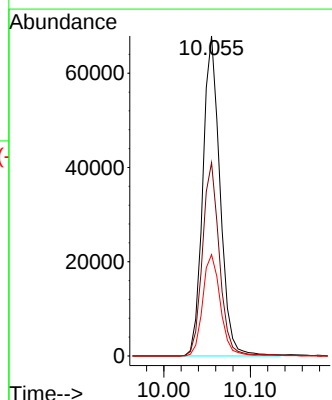
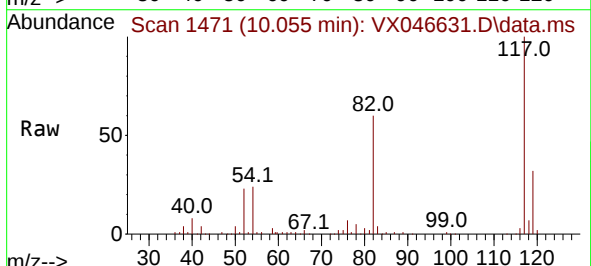
Tgt Ion:117 Resp: 93773

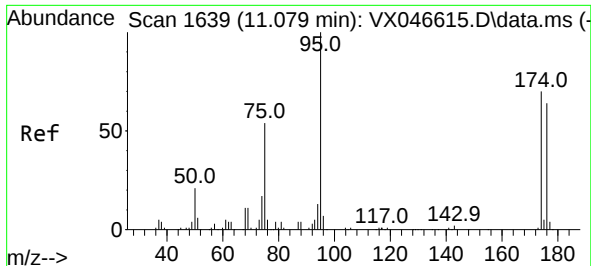
Ion Ratio Lower Upper

117 100

82 59.4 46.5 69.7

119 32.5 25.8 38.6

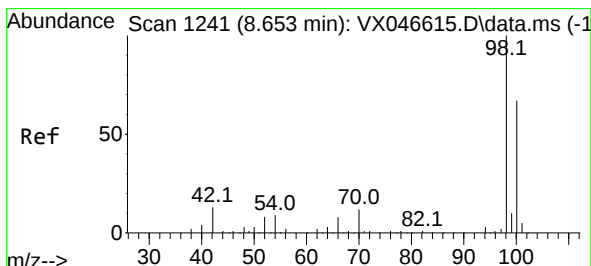
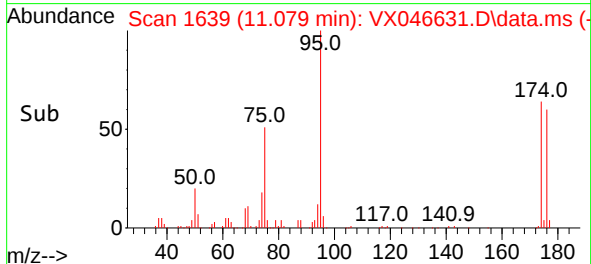
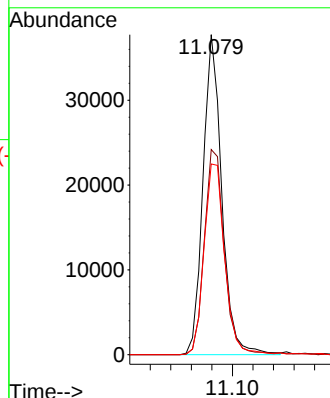
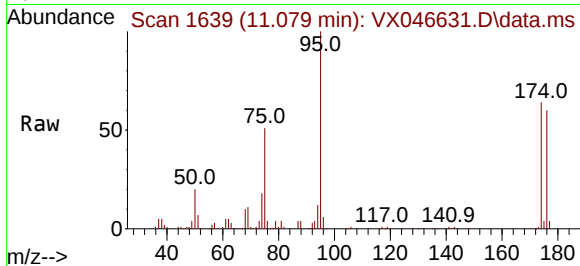




#60
4-Bromofluorobenzene
Concen: 30.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBL01

Tgt Ion: 95 Resp: 47923
Ion Ratio Lower Upper
95 100
174 68.0 56.0 84.0
176 65.6 52.2 78.4



#63
Toluene-d8
Concen: 29.790 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046631.D
Acq: 11 Jun 2025 12:31

Tgt Ion: 98 Resp: 124779
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0

