

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046623.D
 Acq On : 11 Jun 2025 00:12
 Operator : JC/MD
 Sample : VX0610WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBL02

Quant Time: Jun 11 06:52:00 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	18694	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	99149	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91863	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47443	31.352	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.500%
60) 4-Bromofluorobenzene	11.079	95	46051	29.741	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.133%
63) Toluene-d8	8.653	98	123595	30.121	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%

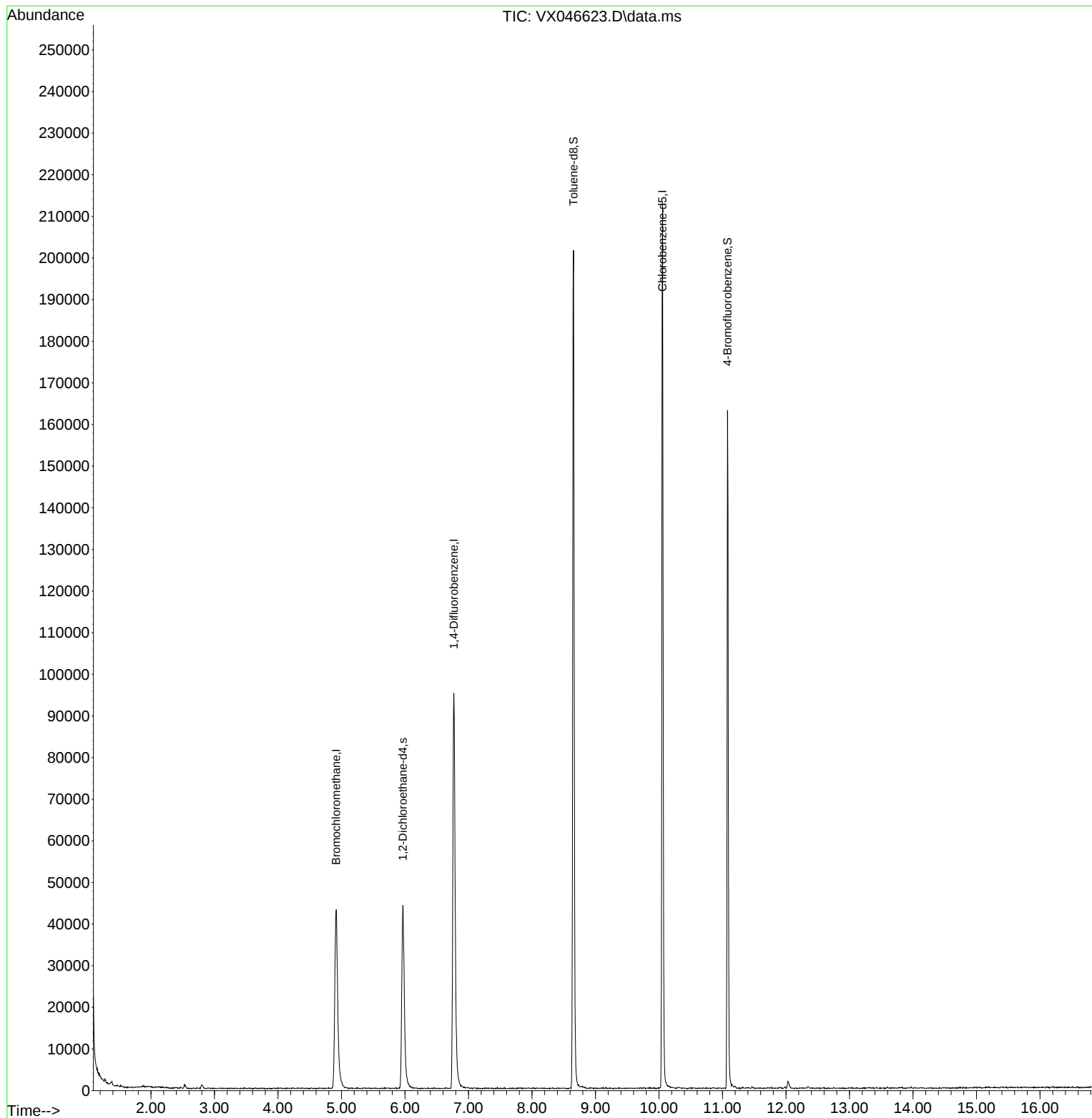
Target Compounds	Qvalue

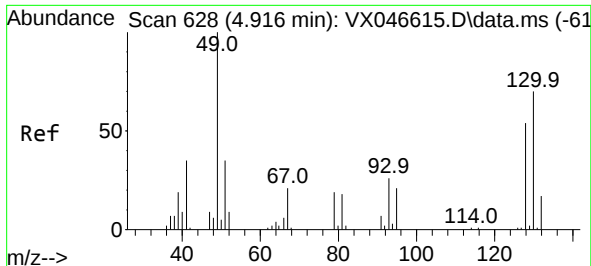
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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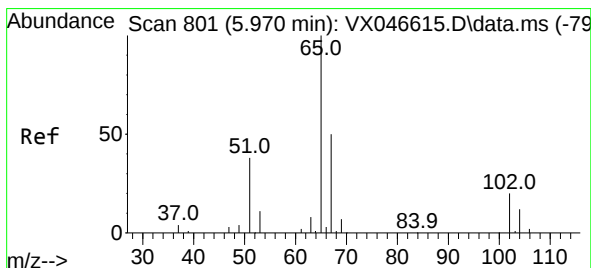
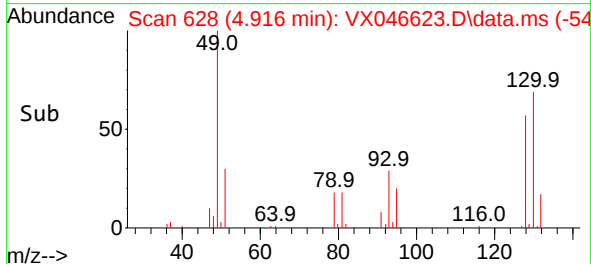
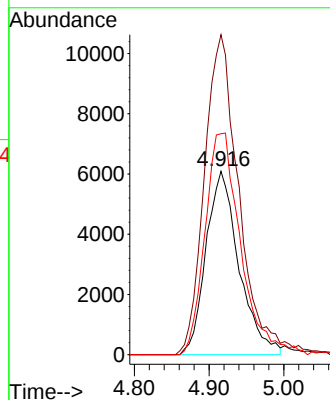
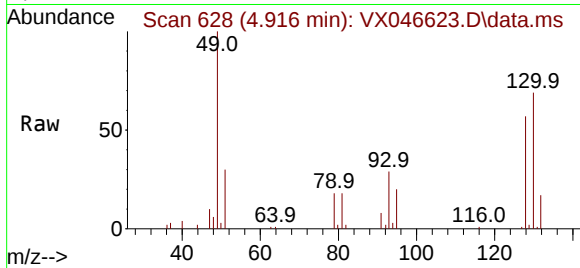




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

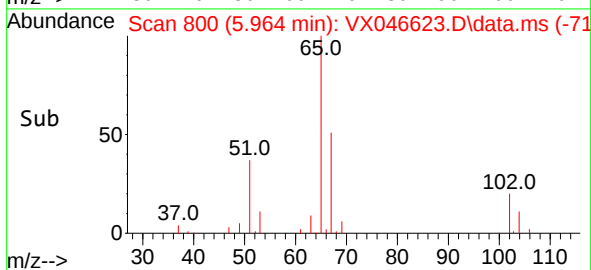
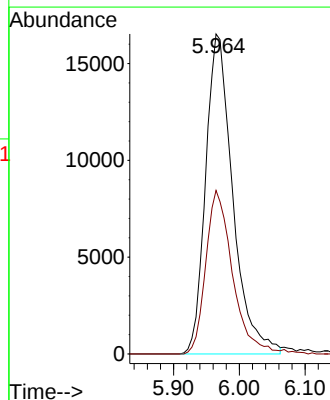
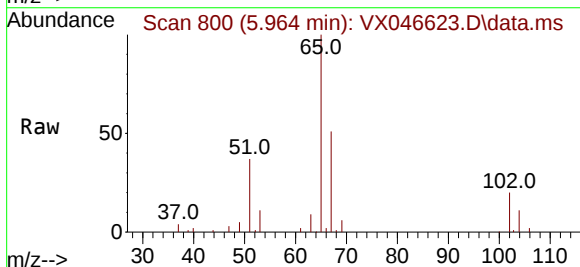
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

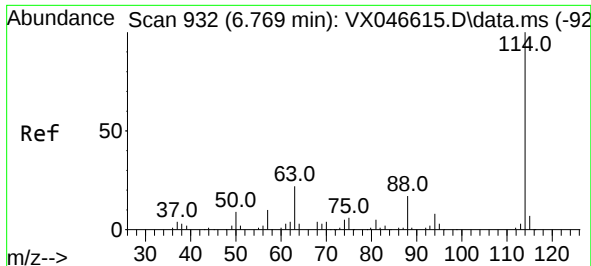
Tgt Ion:128 Resp: 18694
Ion Ratio Lower Upper
128 100
49 179.5 0.0 448.3
130 130.6 0.0 312.0



#27
1,2-Dichloroethane-d4
Concen: 31.352 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 65 Resp: 47443
Ion Ratio Lower Upper
65 100
67 50.1 41.4 62.2

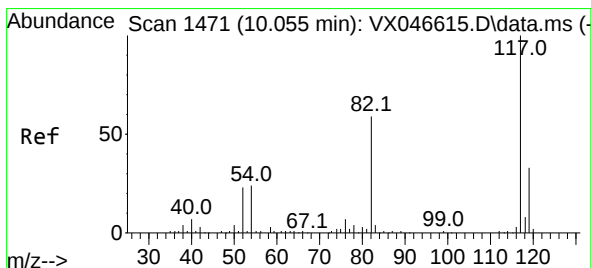
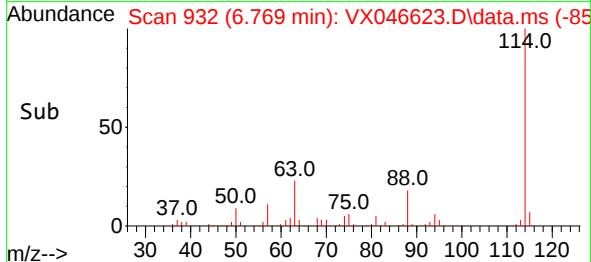
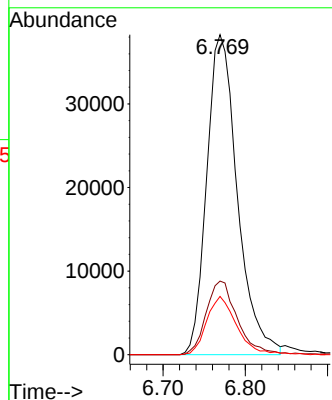
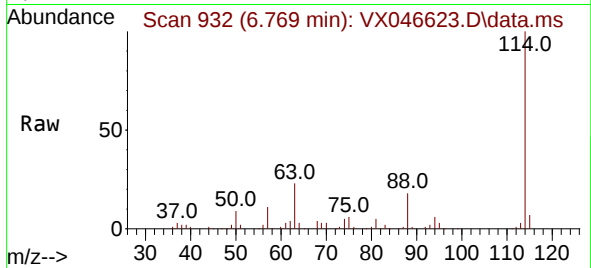




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

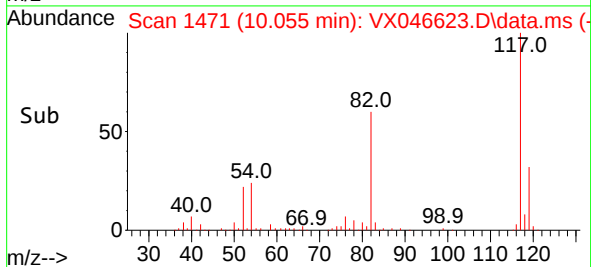
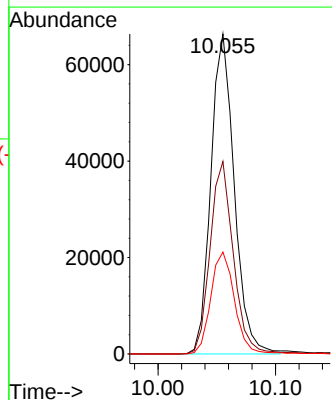
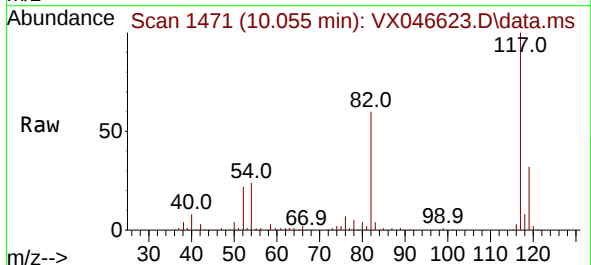
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

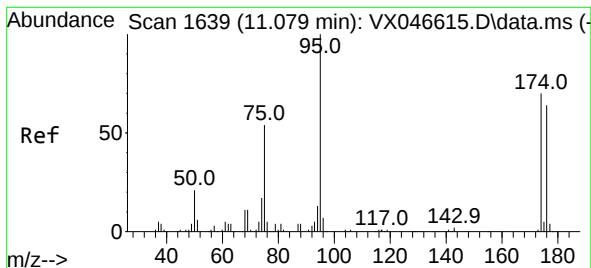
Tgt Ion:114	Resp:	99149
Ion Ratio	Lower	Upper
114	100	
63	23.3	18.1 27.1
88	17.8	14.1 21.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion:117	Resp:	91863
Ion Ratio	Lower	Upper
117	100	
82	59.7	46.5 69.7
119	32.5	25.8 38.6

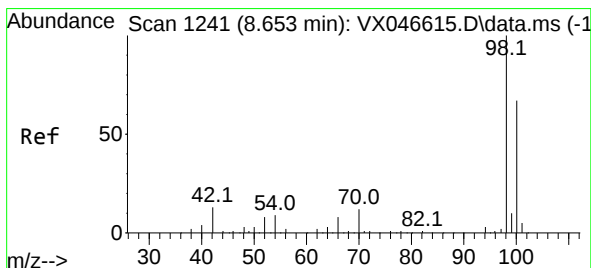
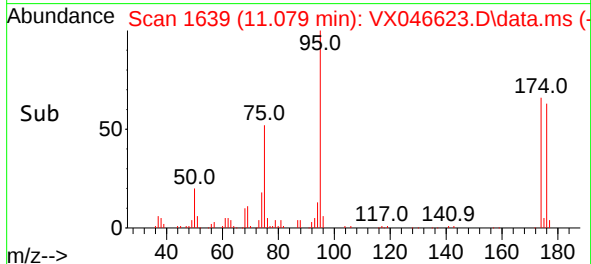
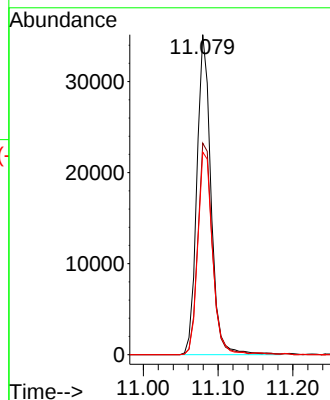
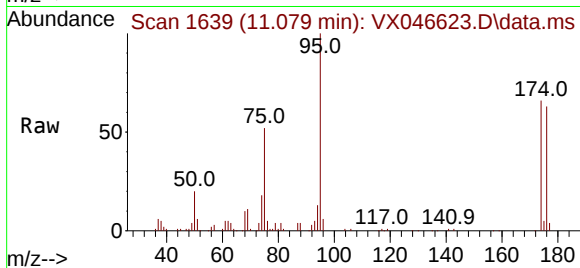




#60
4-Bromofluorobenzene
Concen: 29.741 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL02

Tgt Ion: 95 Resp: 46051
Ion Ratio Lower Upper
95 100
174 67.7 56.0 84.0
176 65.9 52.2 78.4



#63
Toluene-d8
Concen: 30.121 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046623.D
Acq: 11 Jun 2025 00:12

Tgt Ion: 98 Resp: 123595
Ion Ratio Lower Upper
98 100
100 64.3 52.6 79.0

