

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046679.D
 Acq On : 13 Jun 2025 11:15
 Operator : JC/MD
 Sample : Q2302-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250611056-09-TRIP-BLANK

Quant Time: Jun 13 23:02:58 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	4.910	128	16270	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	91078	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85692	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42261	32.088	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.967%
60) 4-Bromofluorobenzene	11.079	95	40335	27.926	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.100%
63) Toluene-d8	8.647	98	108466	28.338	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	94.467%

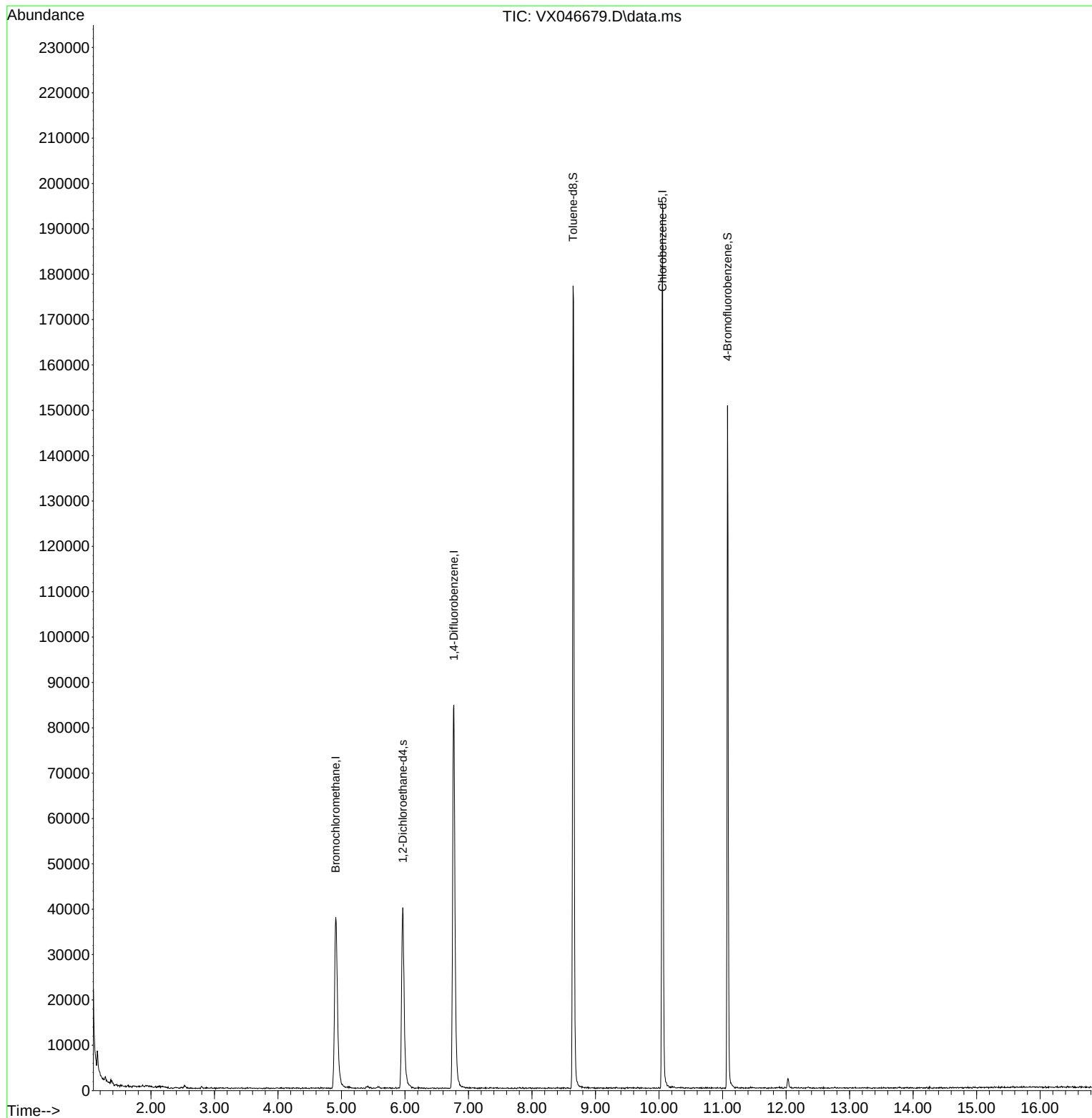
Target Compounds	Qvalue

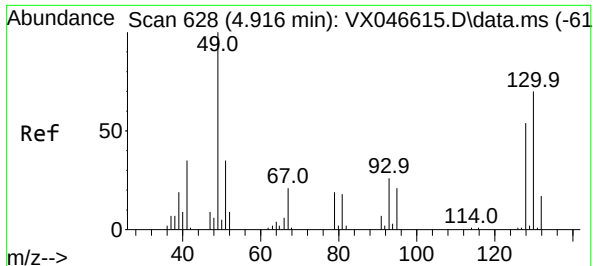
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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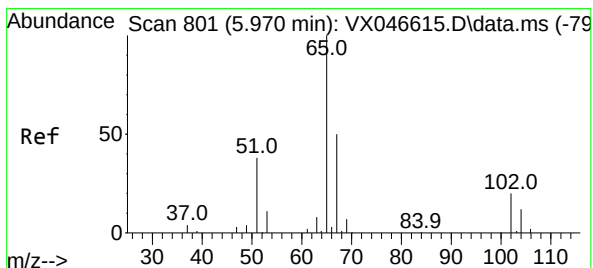
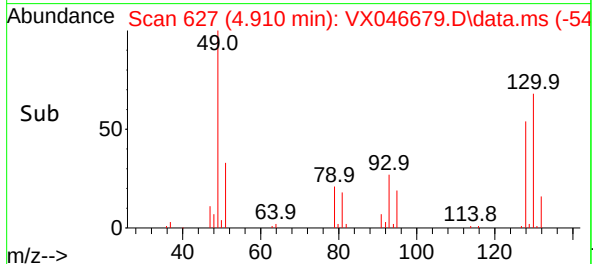
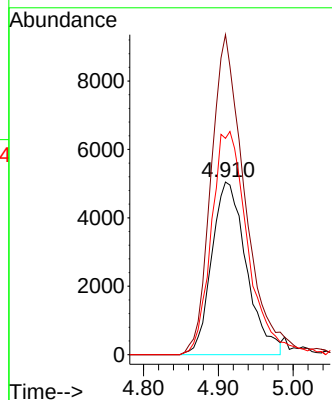
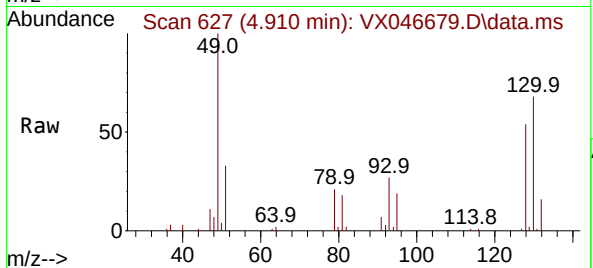




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

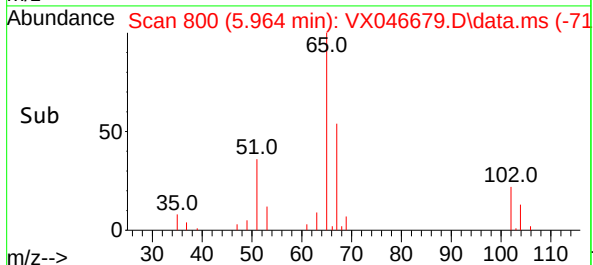
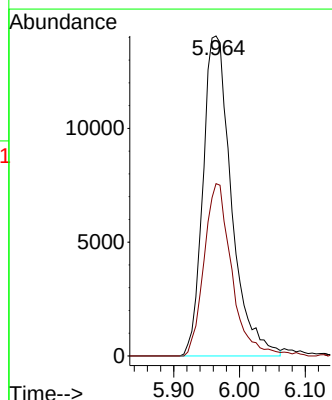
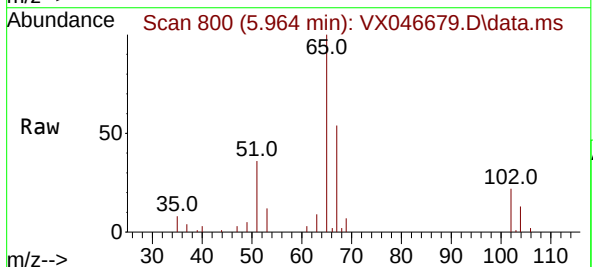
Instrument :
MSVOA_X
ClientSampleId :
250611056-09-TRIP-BLANK

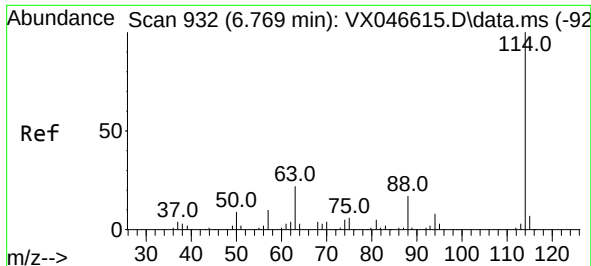
Tgt Ion:128 Resp: 16270
Ion Ratio Lower Upper
128 100
49 180.7 0.0 448.3
130 136.1 0.0 312.0



#27
1,2-Dichloroethane-d4
Concen: 32.088 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

Tgt Ion: 65 Resp: 42261
Ion Ratio Lower Upper
65 100
67 52.1 41.4 62.2

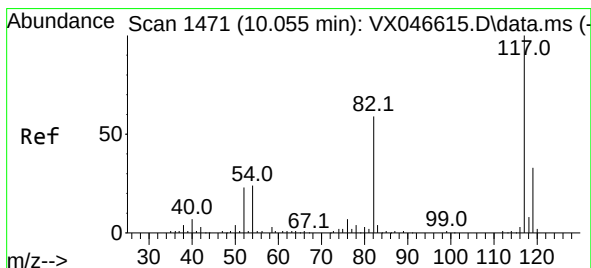
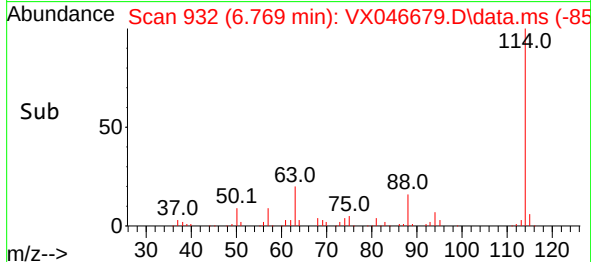
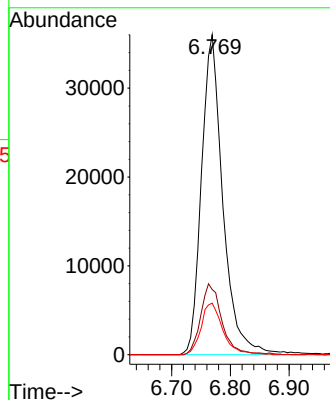
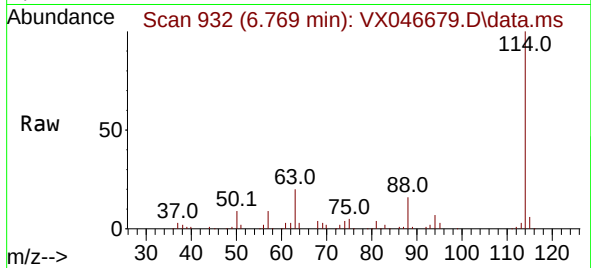




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

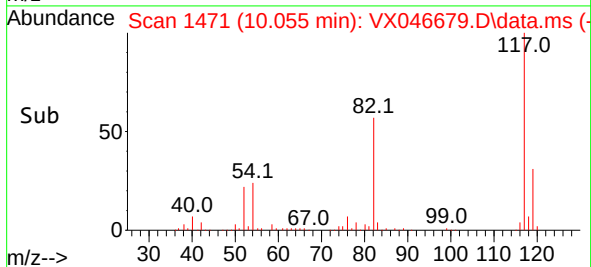
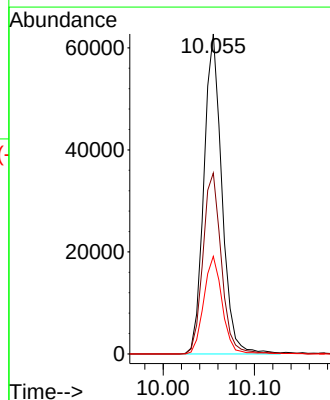
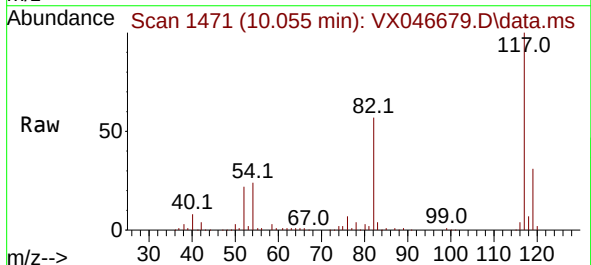
Instrument :
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ClientSampleId :
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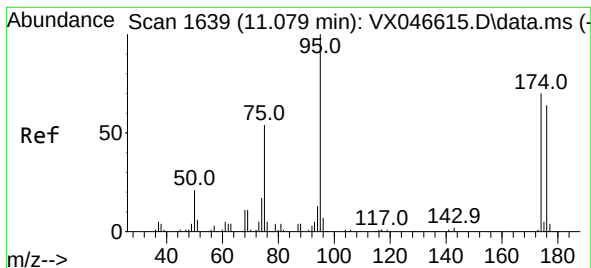
Tgt Ion:114 Resp: 91078
Ion Ratio Lower Upper
114 100
63 21.6 18.1 27.1
88 16.0 14.1 21.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

Tgt Ion:117 Resp: 85692
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 31.0 25.8 38.6

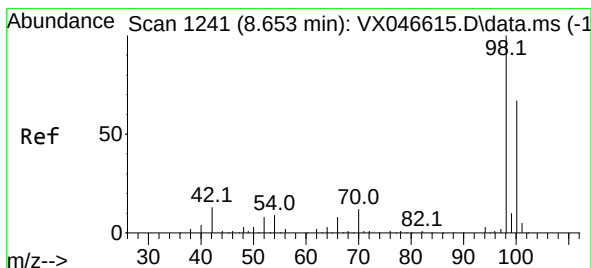
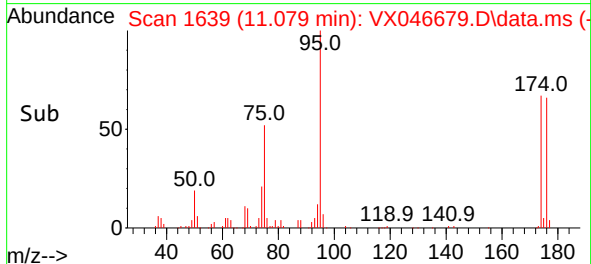
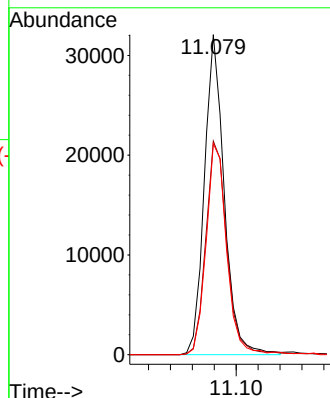
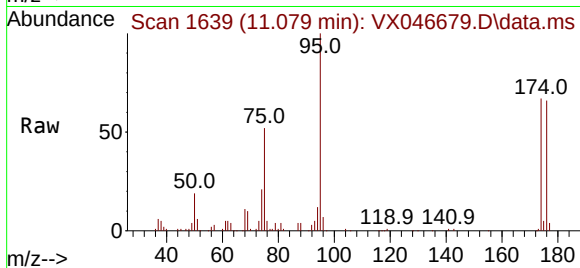




#60
4-Bromofluorobenzene
Concen: 27.926 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 40335
Ion Ratio Lower Upper
95 100
174 71.6 56.0 84.0
176 67.8 52.2 78.4



#63
Toluene-d8
Concen: 28.338 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046679.D
Acq: 13 Jun 2025 11:15

Tgt Ion: 98 Resp: 108466
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0

