

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030425\
 Data File : VX045124.D
 Acq On : 04 Mar 2025 10:53
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 05 00:47:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	14586	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	72549	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	66684	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	43136	30.449	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.500%
60) 4-Bromofluorobenzene	11.079	95	34692	27.833	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.767%
63) Toluene-d8	8.647	98	110755	30.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.067%

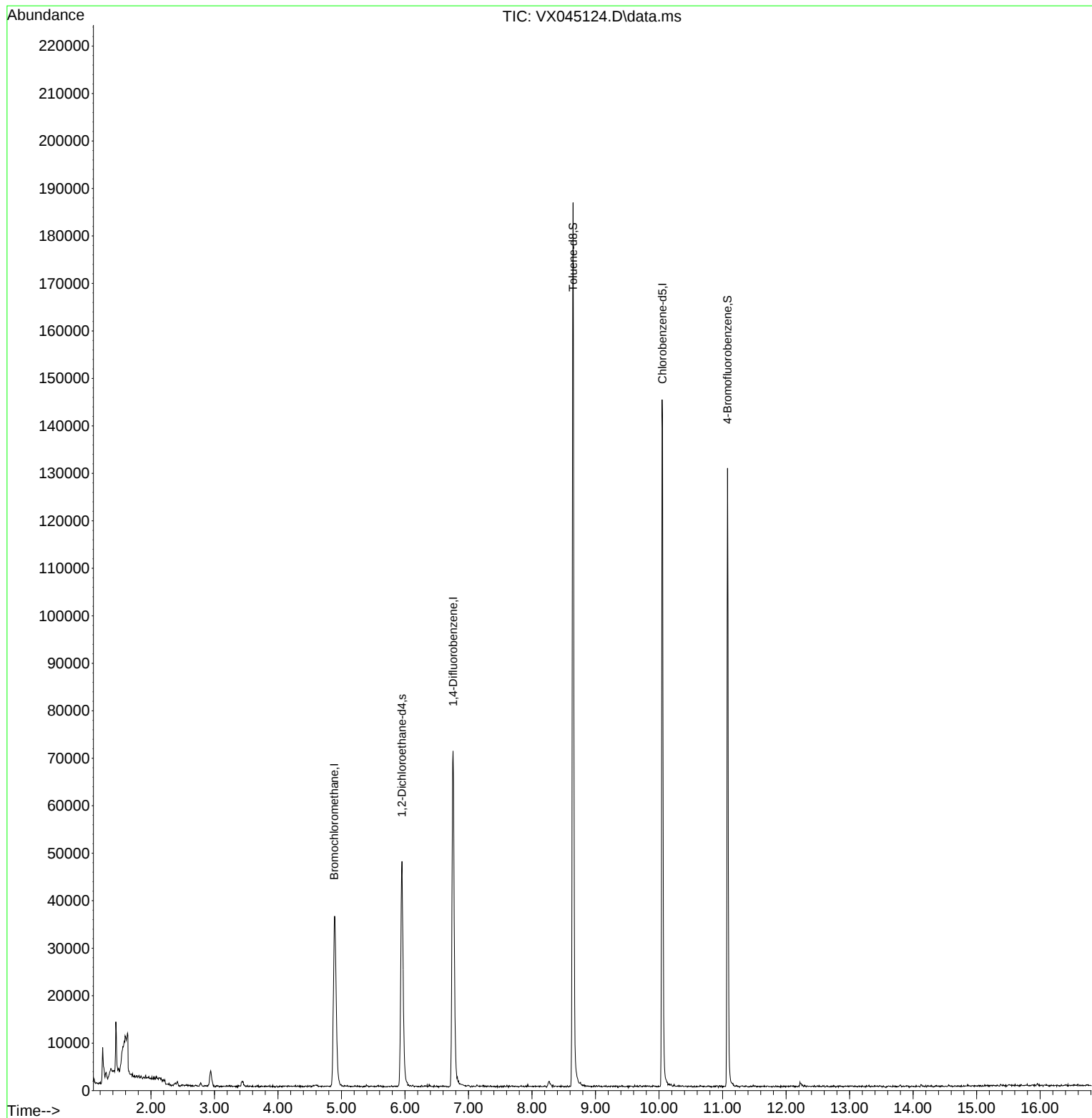
Target Compounds	Qvalue

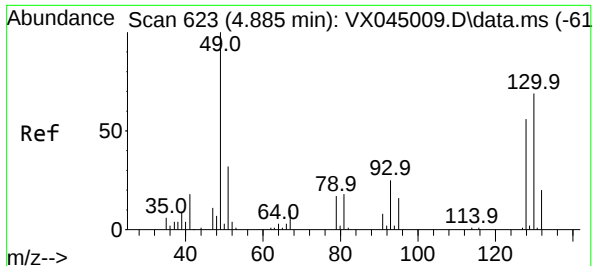
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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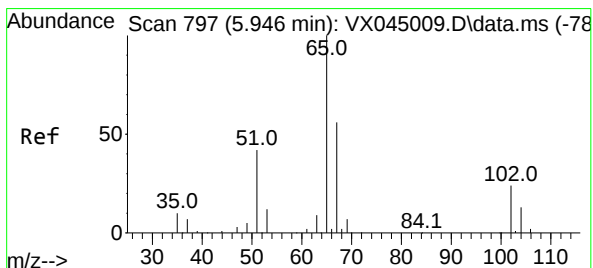
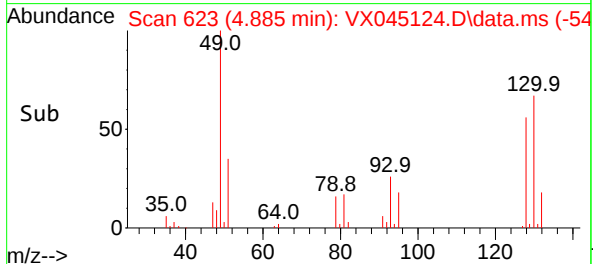
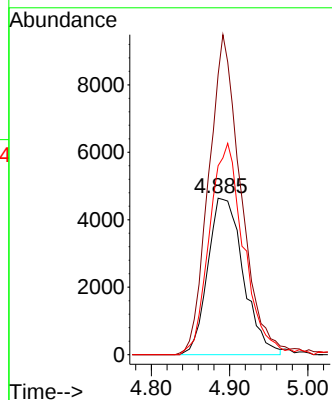
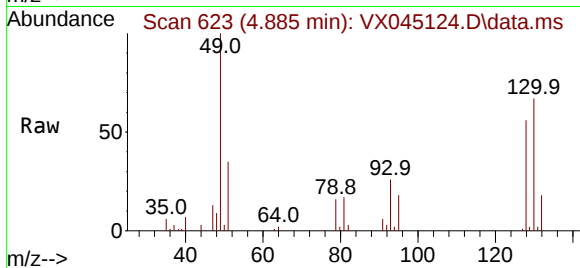




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.885 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045124.D
Acq: 04 Mar 2025 10:53

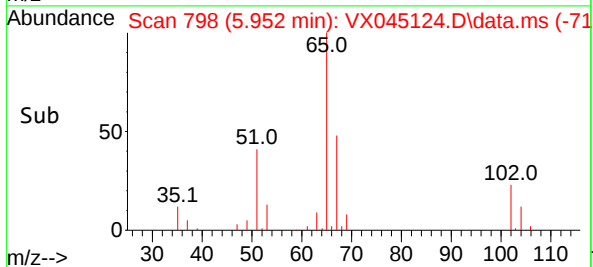
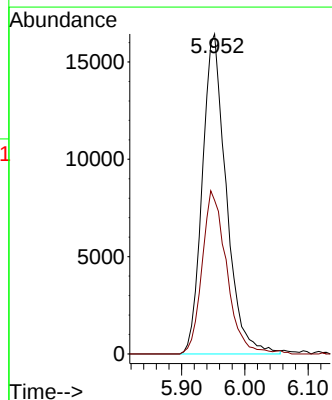
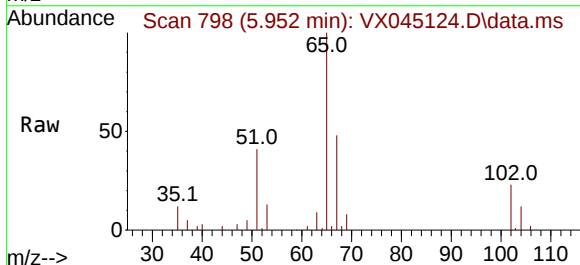
Instrument :
MSVOA_X
ClientSampleId :
IBLK

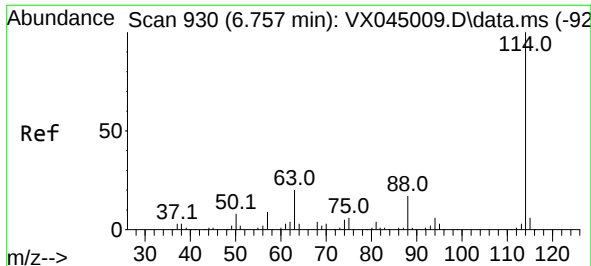
Tgt Ion:128 Resp: 14586
Ion Ratio Lower Upper
128 100
49 185.9 0.0 449.7
130 130.9 0.0 312.7



#27
1,2-Dichloroethane-d4
Concen: 30.449 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045124.D
Acq: 04 Mar 2025 10:53

Tgt Ion: 65 Resp: 43136
Ion Ratio Lower Upper
65 100
67 52.3 42.6 64.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045124.D

Acq: 04 Mar 2025 10:53

Instrument :

MSVOA_X

ClientSampleId :

IBLK

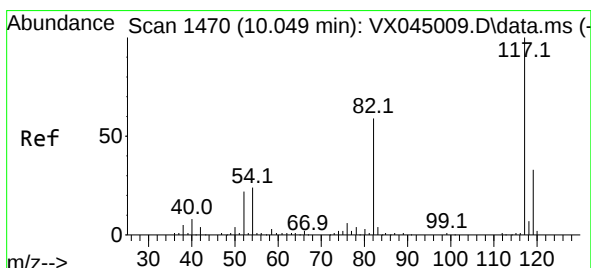
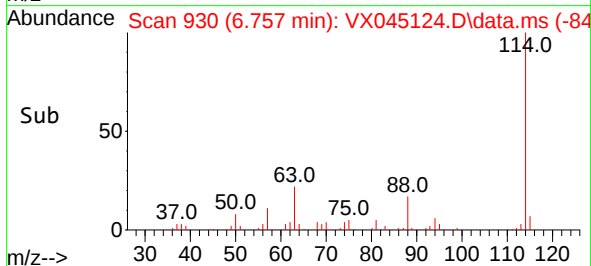
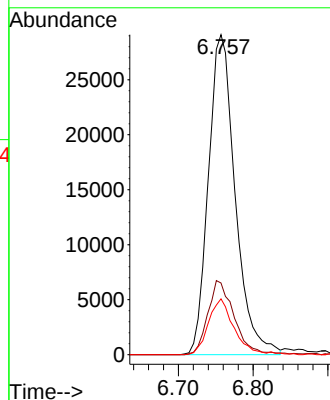
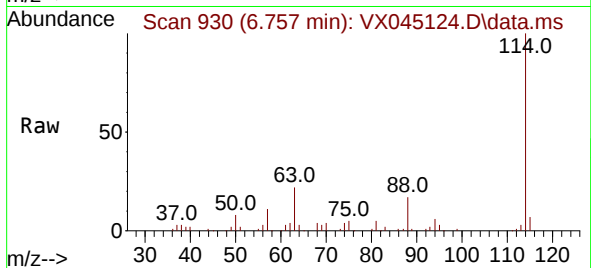
Tgt Ion:114 Resp: 72549

Ion Ratio Lower Upper

114 100

63 22.3 16.8 25.2

88 16.4 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045124.D

Acq: 04 Mar 2025 10:53

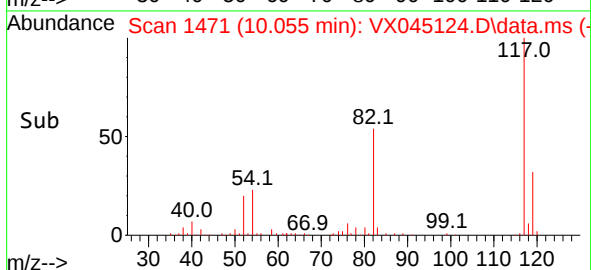
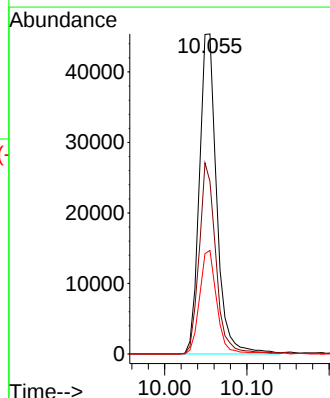
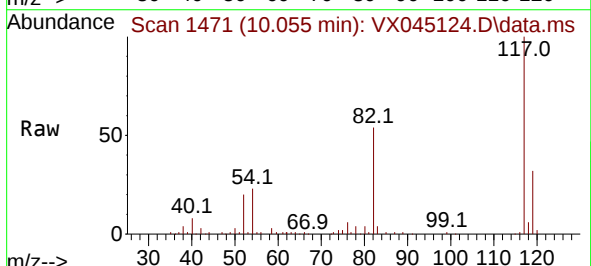
Tgt Ion:117 Resp: 66684

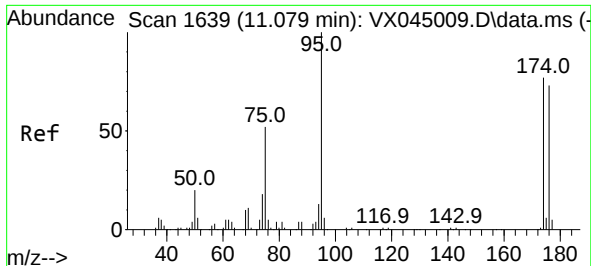
Ion Ratio Lower Upper

117 100

82 57.3 45.8 68.8

119 31.7 25.5 38.3

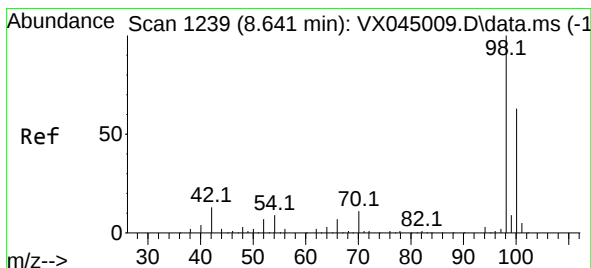
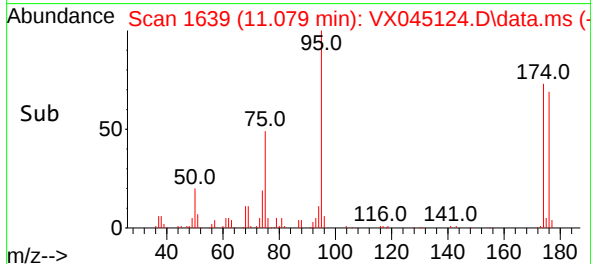
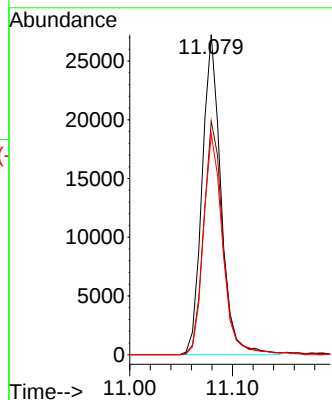
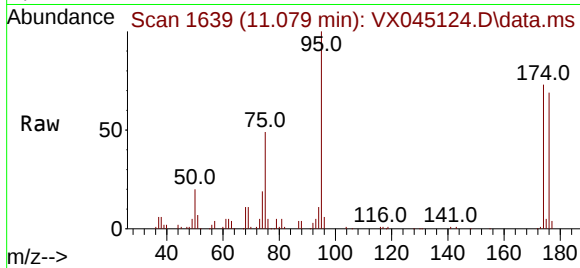




#60
4-Bromofluorobenzene
Concen: 27.833 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045124.D
Acq: 04 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 34692
Ion Ratio Lower Upper
95 100
174 75.8 59.5 89.3
176 70.3 55.5 83.3



#63
Toluene-d8
Concen: 30.022 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045124.D
Acq: 04 Mar 2025 10:53

Tgt Ion: 98 Resp: 110755
Ion Ratio Lower Upper
98 100
100 66.1 51.7 77.5

