

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045290.D
 Acq On : 14 Mar 2025 12:32
 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 15 03:58:01 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	4.897	128	14152	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.757	114	70232	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	62437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44396	32.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.667%	
60) 4-Bromofluorobenzene	11.079	95	32732	28.047	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.500%	
63) Toluene-d8	8.647	98	105369	30.505	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.700%	

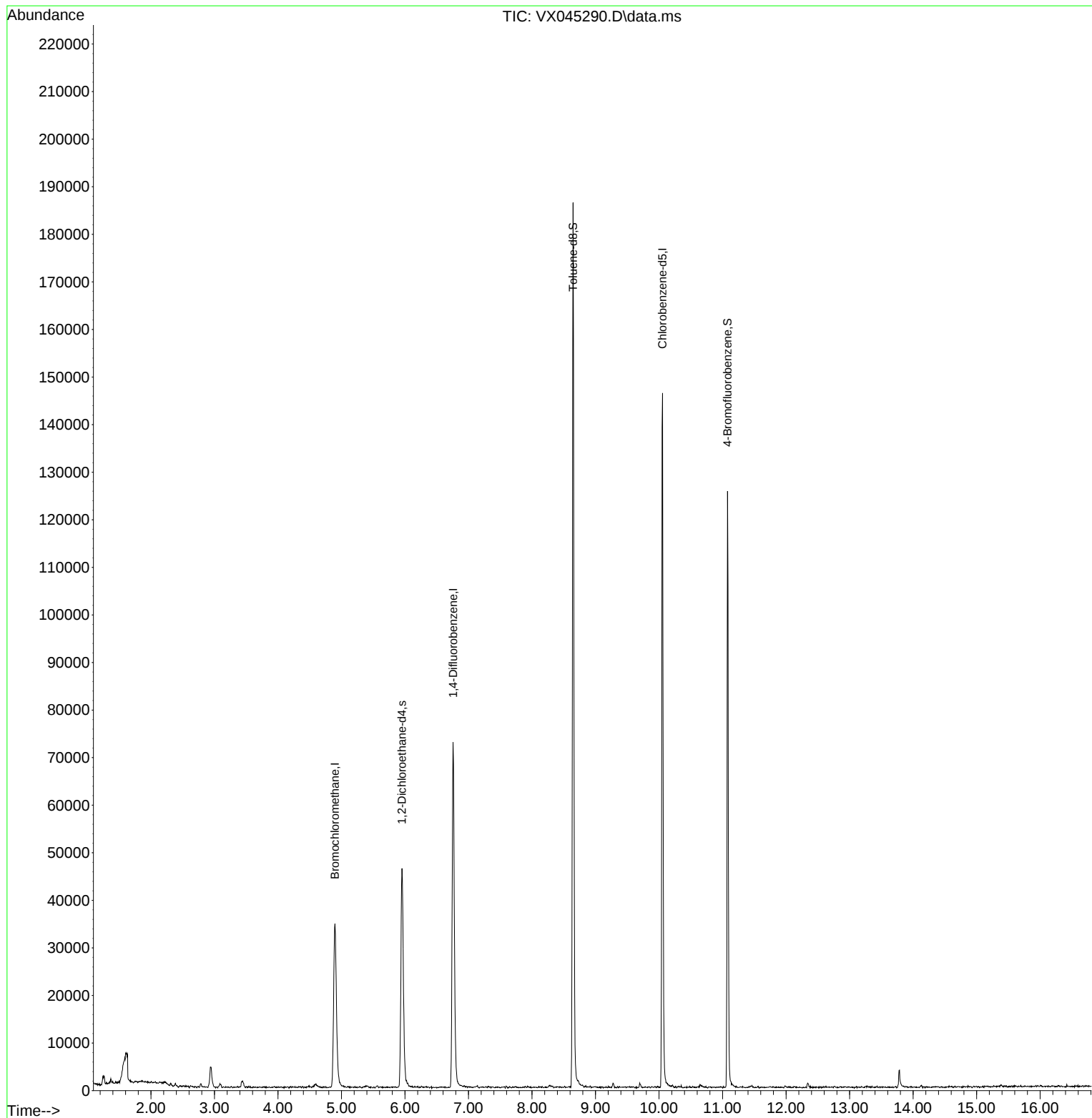
Target Compounds	Qvalue

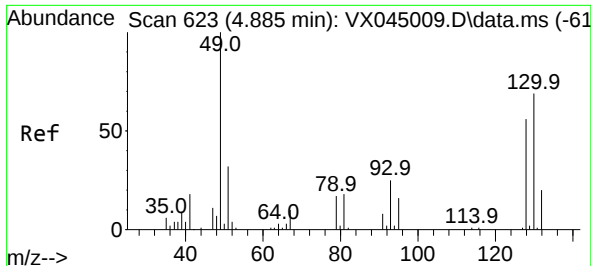
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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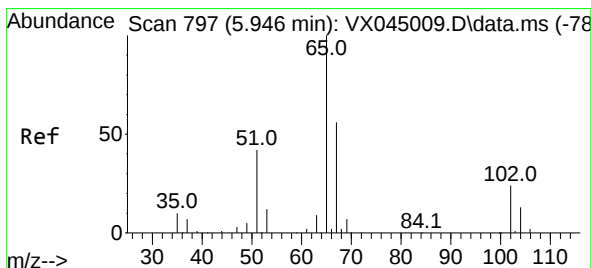
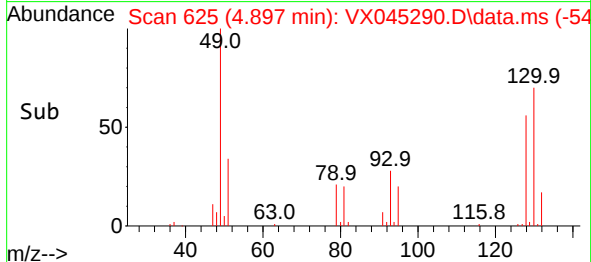
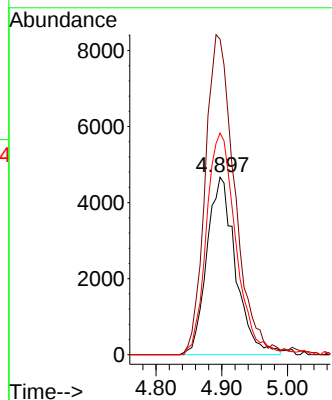
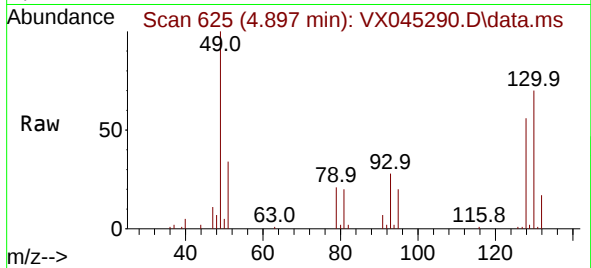




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

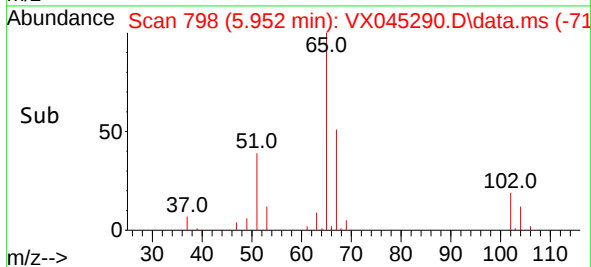
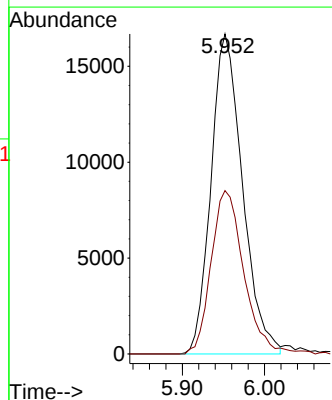
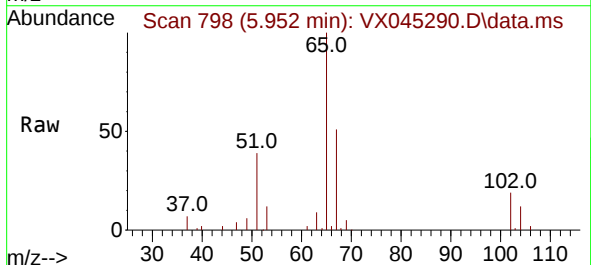
Instrument :
MSVOA_X
ClientSampleId :
IBLK

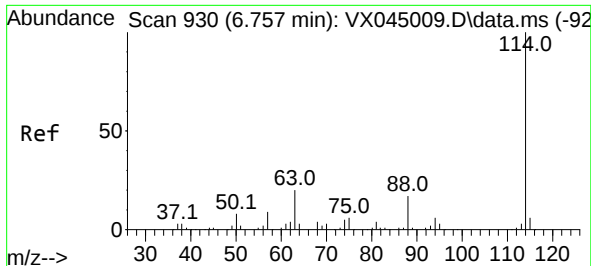
Tgt Ion:128 Resp: 14152
Ion Ratio Lower Upper
128 100
49 183.3 0.0 449.7
130 128.4 0.0 312.7



#27
1,2-Dichloroethane-d4
Concen: 32.299 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

Tgt Ion: 65 Resp: 44396
Ion Ratio Lower Upper
65 100
67 52.8 42.6 64.0

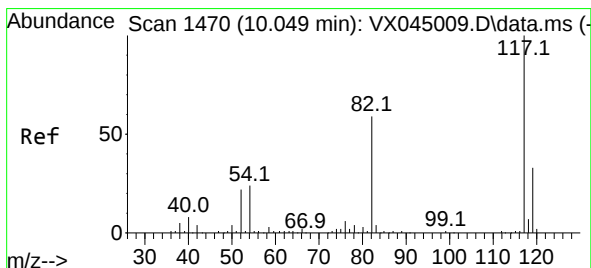
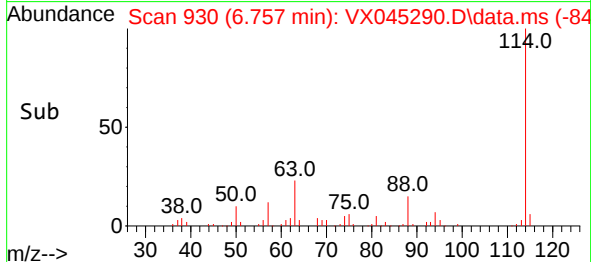
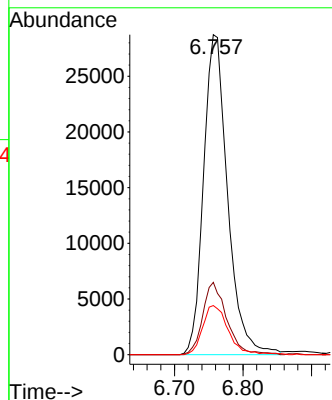
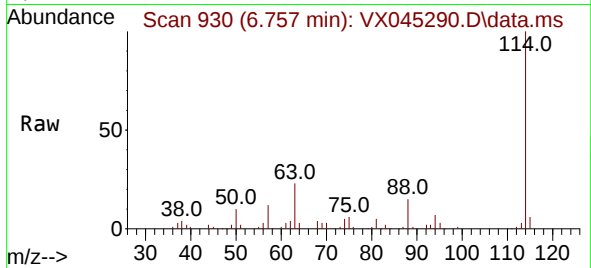




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

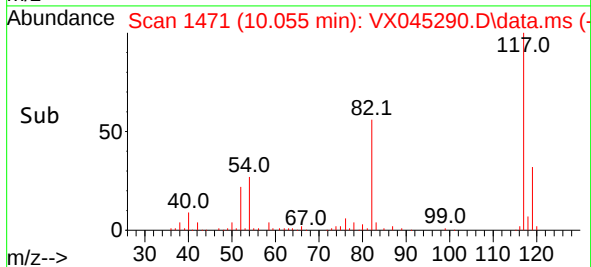
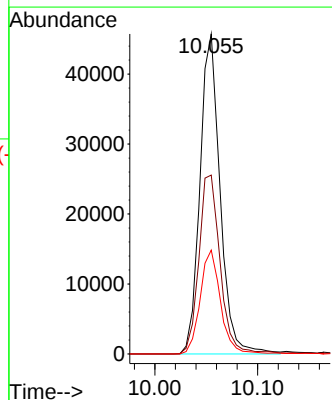
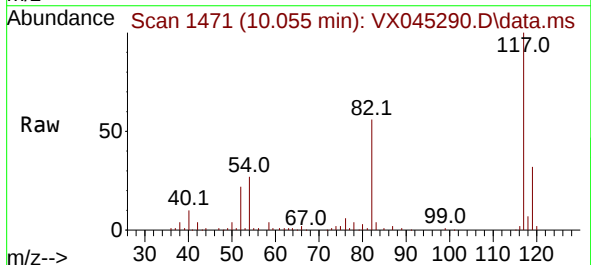
Instrument :
MSVOA_X
ClientSampleId :
IBLK

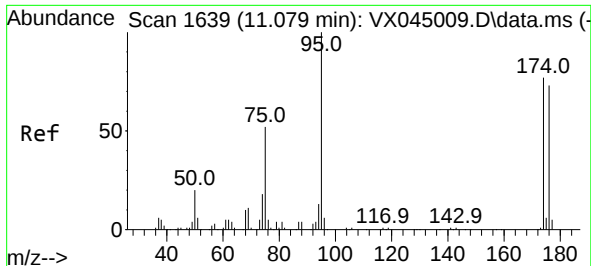
Tgt Ion:114 Resp: 70232
Ion Ratio Lower Upper
114 100
63 21.9 16.8 25.2
88 16.0 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

Tgt Ion:117 Resp: 62437
Ion Ratio Lower Upper
117 100
82 58.5 45.8 68.8
119 32.7 25.5 38.3

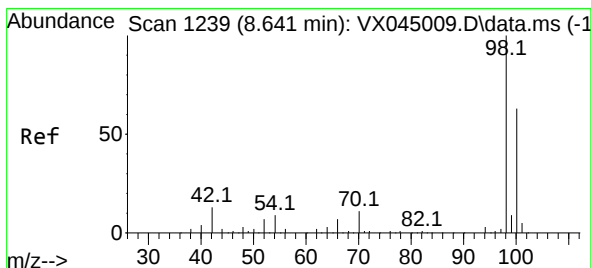
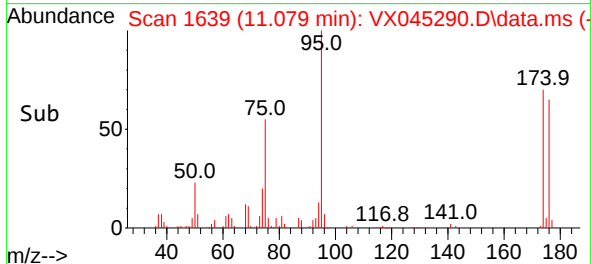
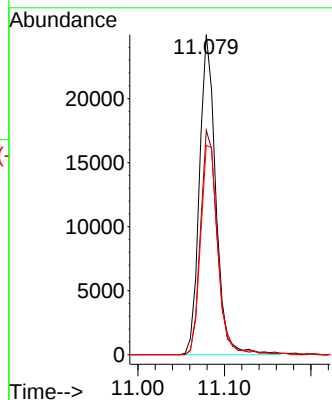
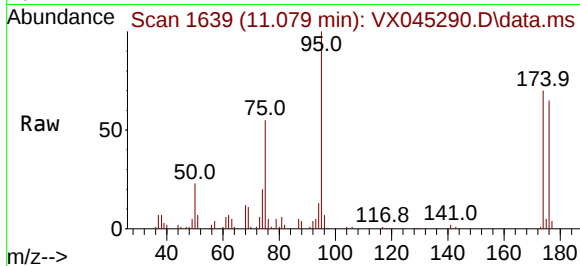




#60
4-Bromofluorobenzene
Concen: 28.047 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 32732
Ion Ratio Lower Upper
95 100
174 72.1 59.5 89.3
176 68.5 55.5 83.3



#63
Toluene-d8
Concen: 30.505 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045290.D
Acq: 14 Mar 2025 12:32

Tgt Ion: 98 Resp: 105369
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

