

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043010.D
 Acq On : 13 Aug 2024 12:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 14 04:29:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	30457	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	175718	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150534	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	68996	27.985	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.300%
60) 4-Bromofluorobenzene	11.079	95	71077	27.814	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.700%
63) Toluene-d8	8.647	98	213379	30.857	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.867%

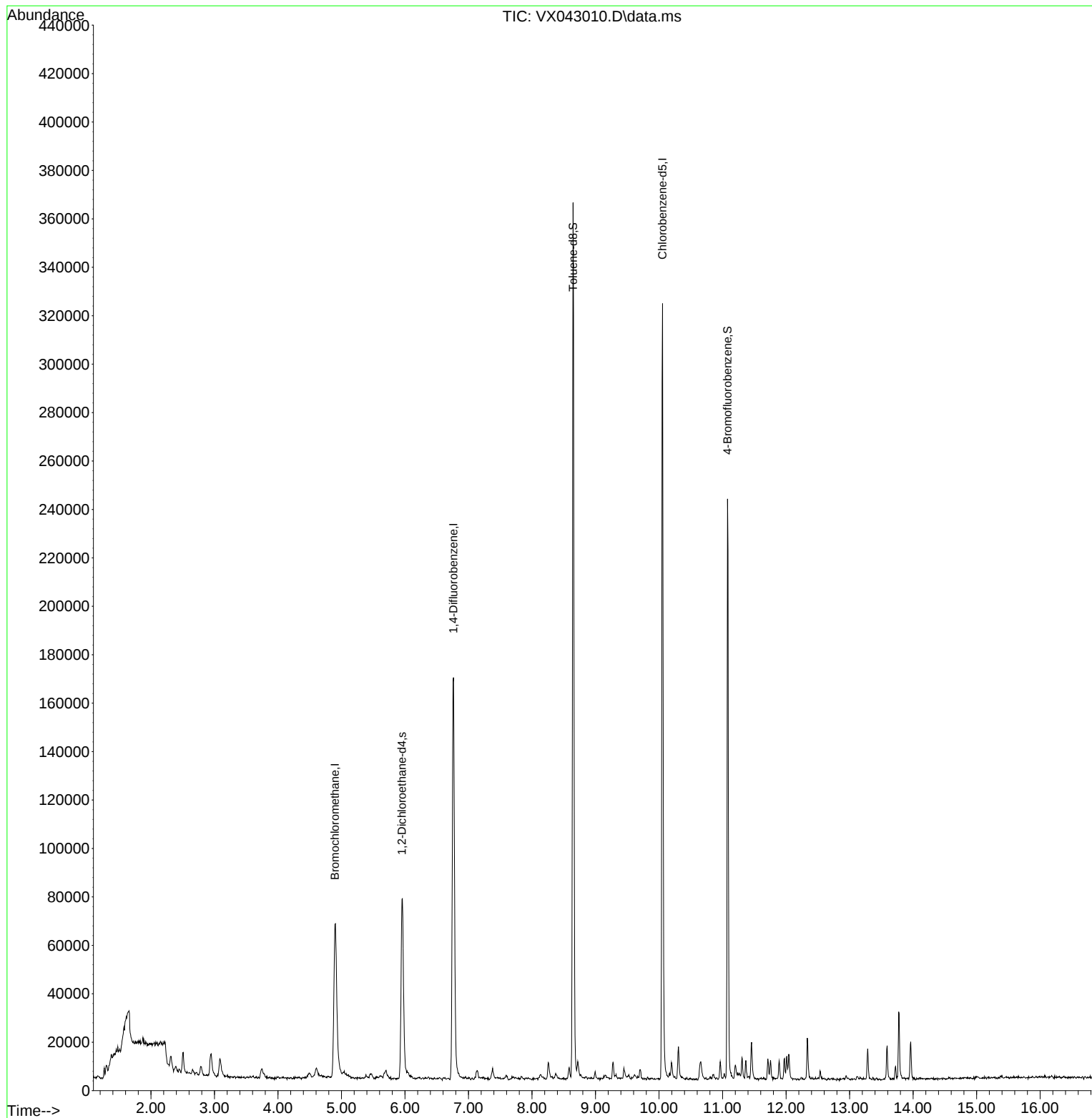
Target Compounds	Qvalue

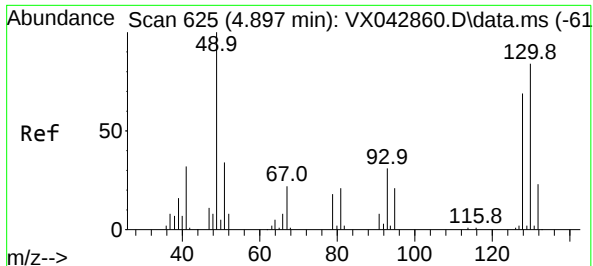
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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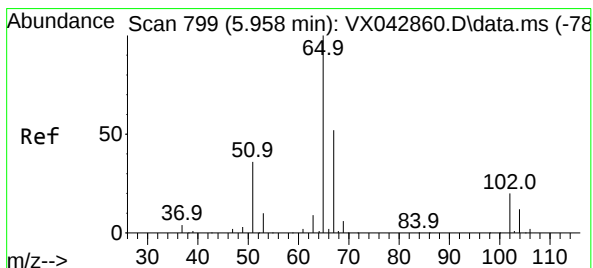
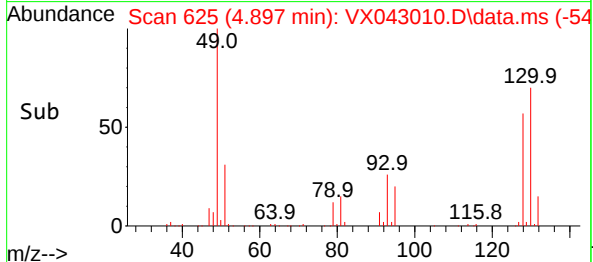
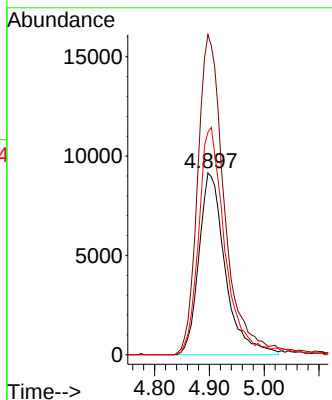
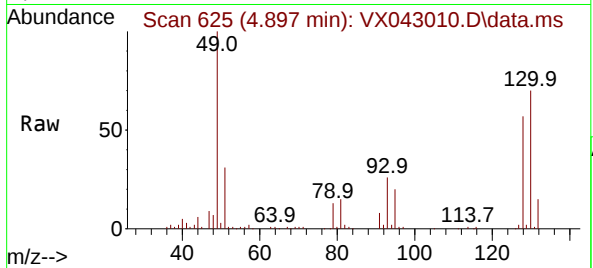




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX043010.D
Acq: 13 Aug 2024 12:21

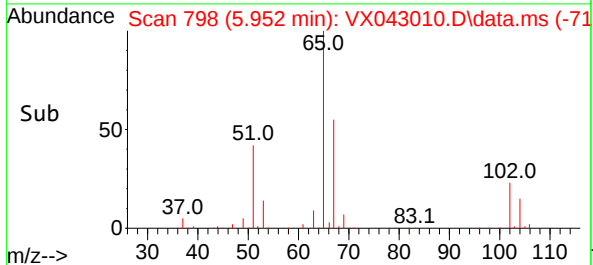
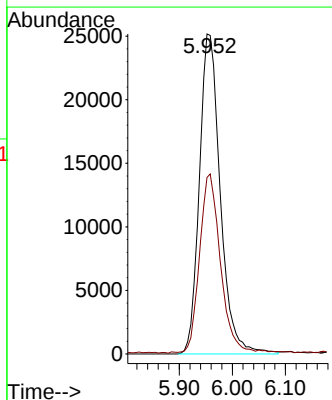
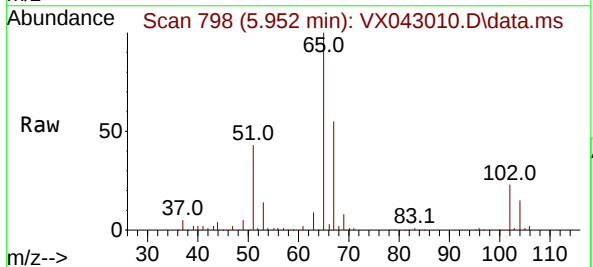
Instrument :
MSVOA_X
ClientSampleId :
IBLK

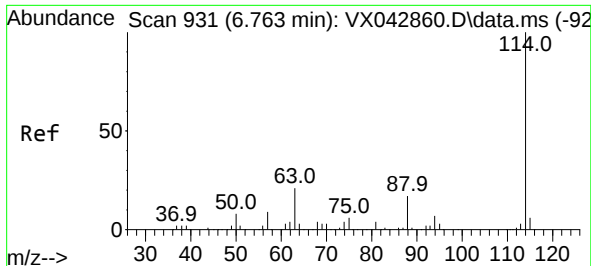
Tgt Ion:128 Resp: 30457
Ion Ratio Lower Upper
128 100
49 177.0 0.0 400.5
130 122.0 0.0 333.0



#27
1,2-Dichloroethane-d4
Concen: 27.985 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043010.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 65 Resp: 68996
Ion Ratio Lower Upper
65 100
67 54.7 40.6 60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX043010.D

Acq: 13 Aug 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

IBLK

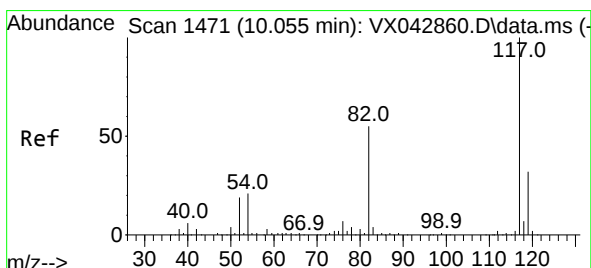
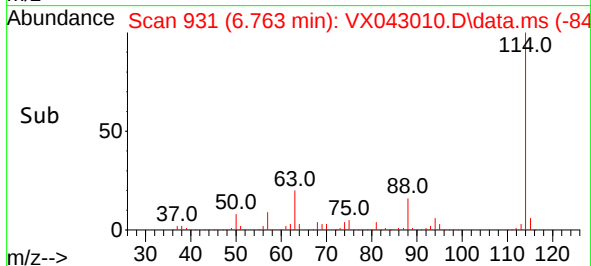
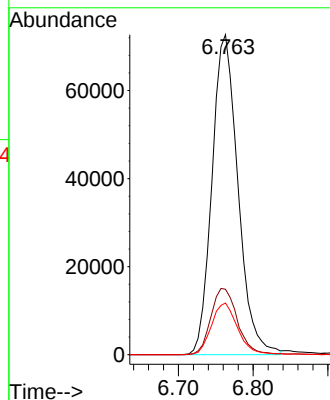
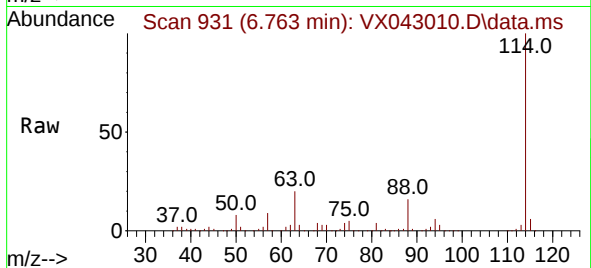
Tgt Ion:114 Resp: 175718

Ion Ratio Lower Upper

114 100

63 21.2 16.0 24.0

88 16.2 12.5 18.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043010.D

Acq: 13 Aug 2024 12:21

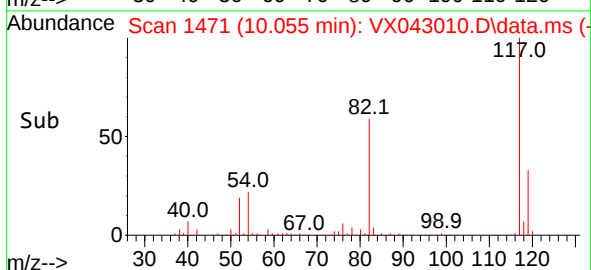
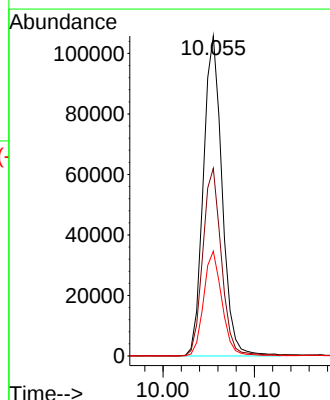
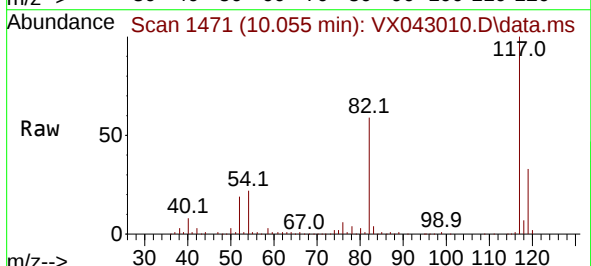
Tgt Ion:117 Resp: 150534

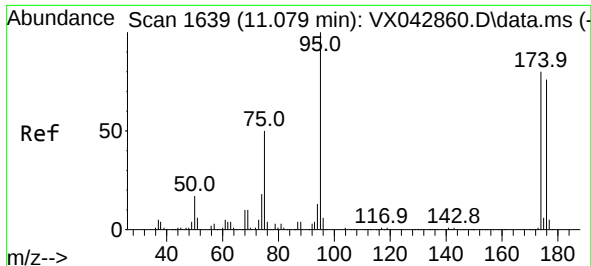
Ion Ratio Lower Upper

117 100

82 58.5 44.9 67.3

119 31.9 25.4 38.2

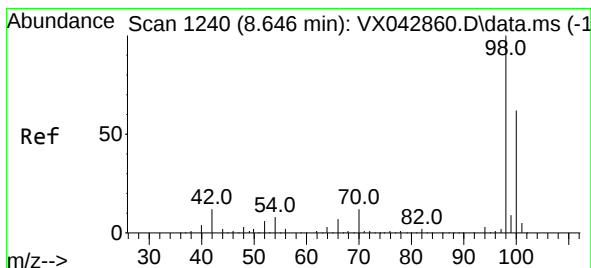
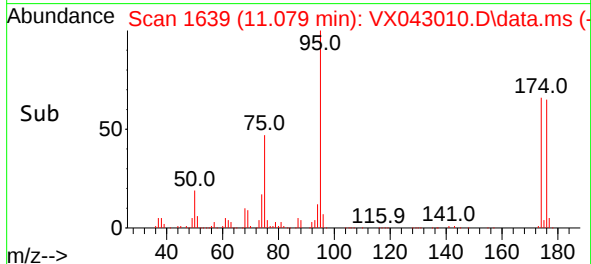
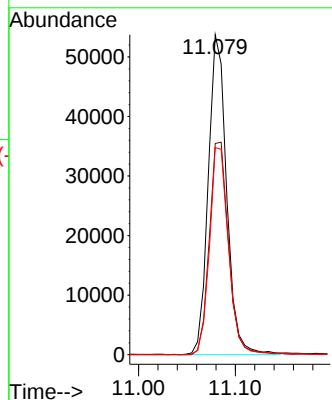
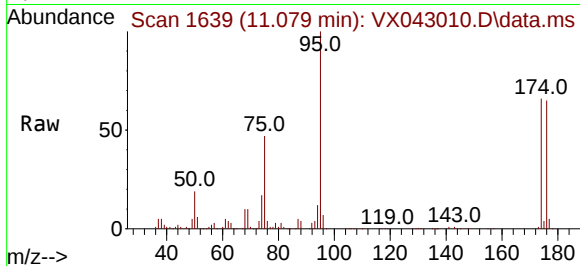




#60
4-Bromofluorobenzene
Concen: 27.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043010.D
Acq: 13 Aug 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 71077
Ion Ratio Lower Upper
95 100
174 69.5 65.0 97.6
176 67.0 63.4 95.0



#63
Toluene-d8
Concen: 30.857 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043010.D
Acq: 13 Aug 2024 12:21

Tgt Ion: 98 Resp: 213379
Ion Ratio Lower Upper
98 100
100 66.6 50.9 76.3

