

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042842.D
 Acq On : 02 Aug 2024 14:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Aug 02 21:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	16991	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	93610	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	84732	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42131	25.271	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	84.233%#
60) 4-Bromofluorobenzene	11.079	95	40538	28.683	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.600%
63) Toluene-d8	8.647	98	112255	30.036	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.133%

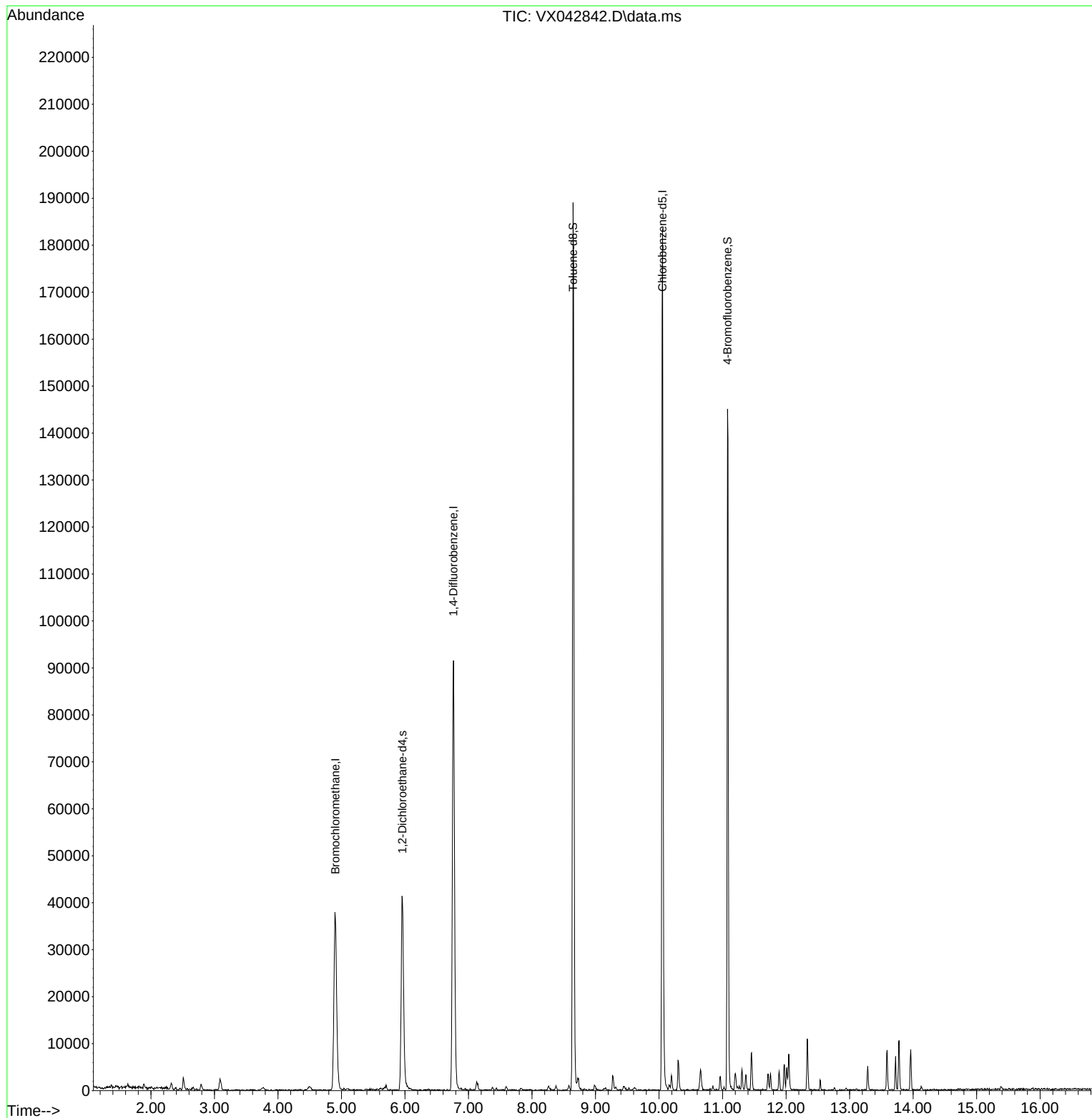
Target Compounds	Qvalue

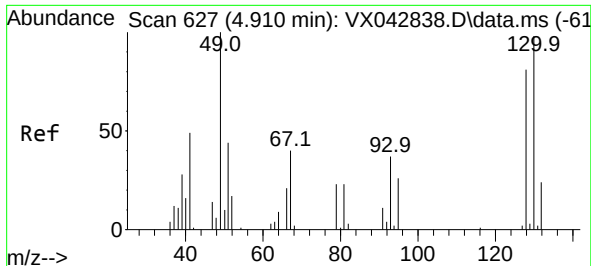
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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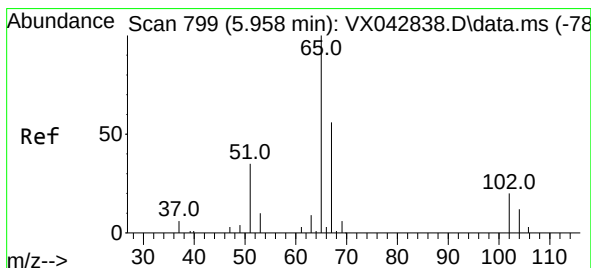
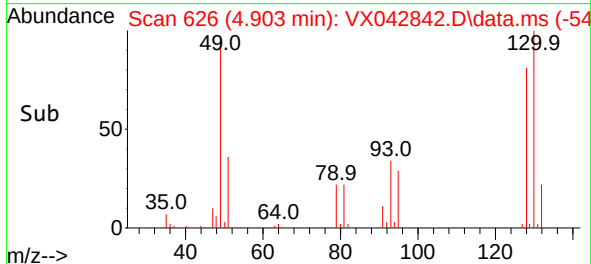
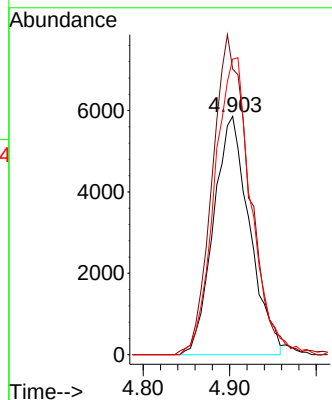
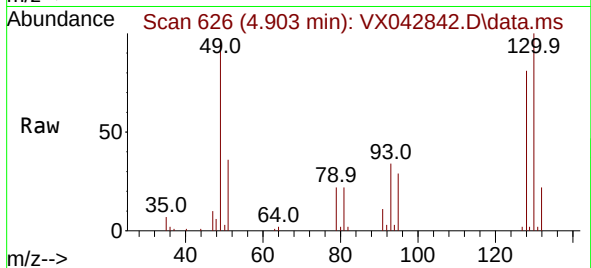




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

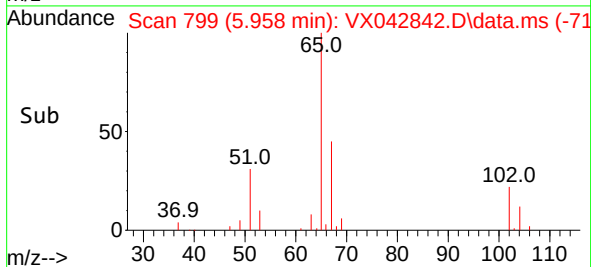
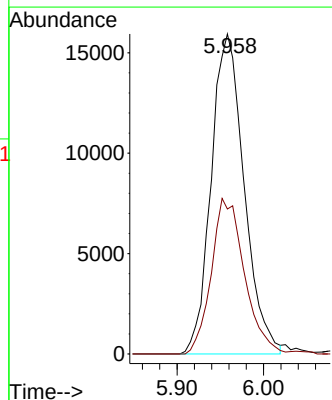
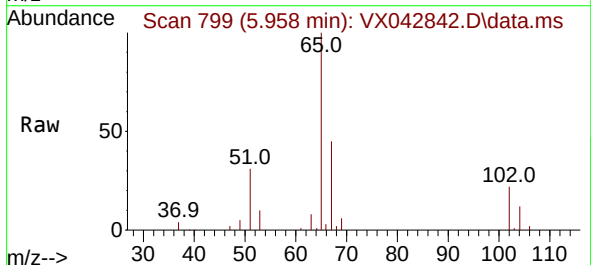
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

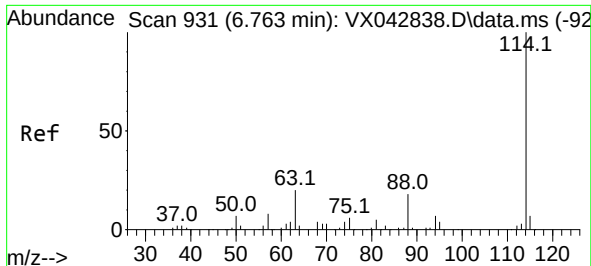
Tgt Ion:128 Resp: 16991
Ion Ratio Lower Upper
128 100
49 137.0 0.0 338.5
130 127.7 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 25.271 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 65 Resp: 42131
Ion Ratio Lower Upper
65 100
67 48.7 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

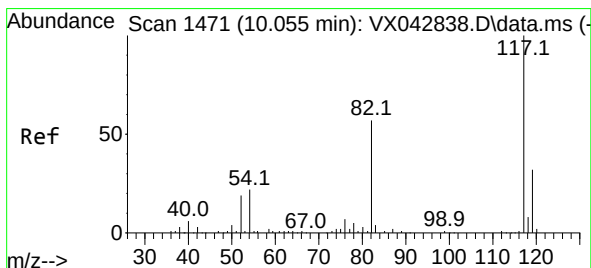
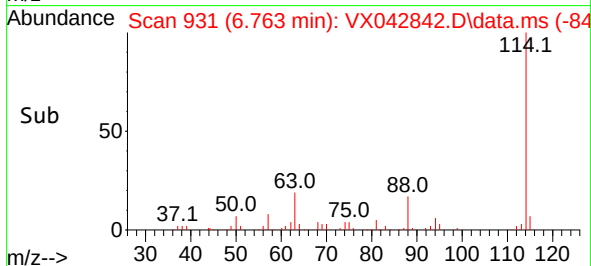
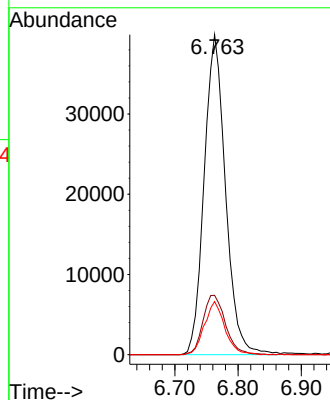
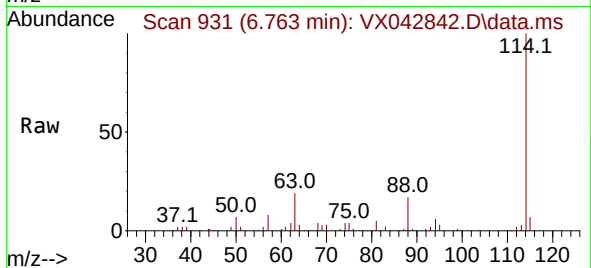
Tgt Ion:114 Resp: 93610

Ion Ratio Lower Upper

114 100

63 19.5 14.6 21.8

88 15.9 11.8 17.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX042842.D

Acq: 02 Aug 2024 14:55

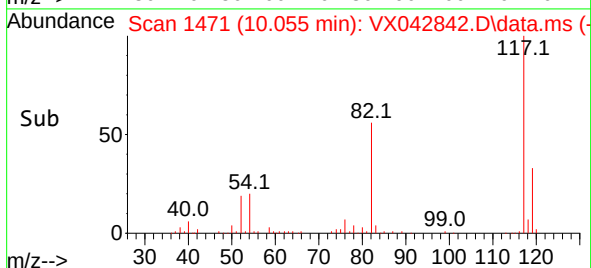
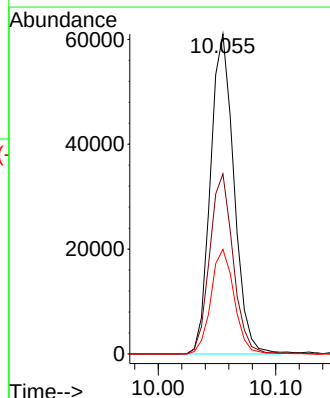
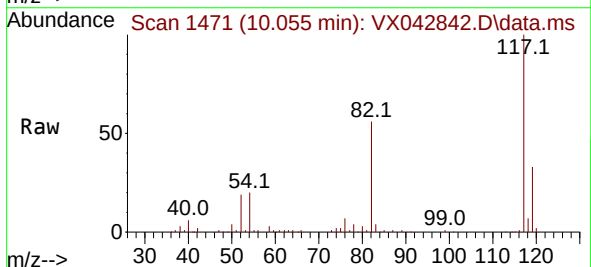
Tgt Ion:117 Resp: 84732

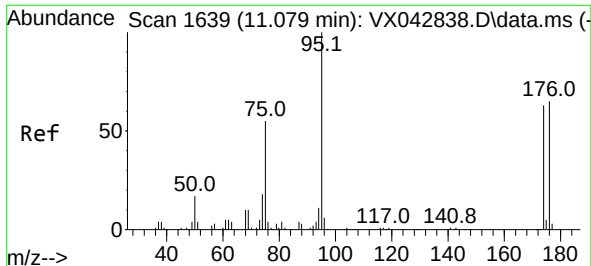
Ion Ratio Lower Upper

117 100

82 56.3 41.1 61.7

119 32.6 26.1 39.1

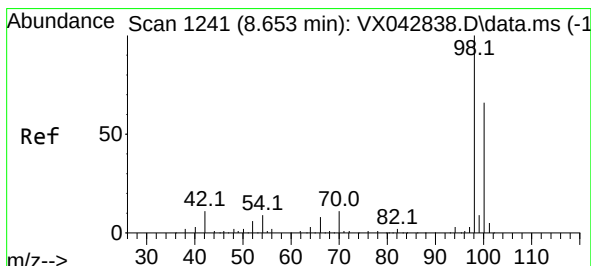
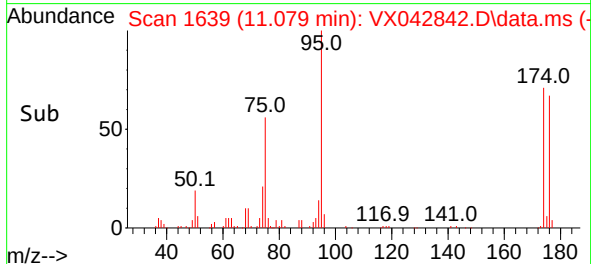
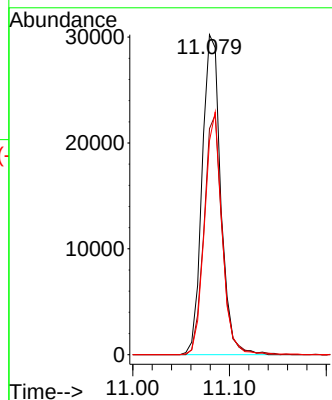
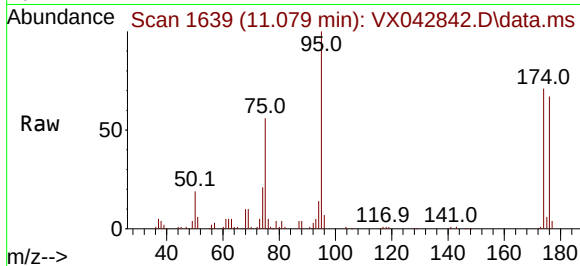




#60
4-Bromofluorobenzene
Concen: 28.683 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 40538
Ion Ratio Lower Upper
95 100
174 72.9 78.9 118.3#
176 71.4 77.1 115.7#



#63
Toluene-d8
Concen: 30.036 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX042842.D
Acq: 02 Aug 2024 14:55

Tgt Ion: 98 Resp: 112255
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

