

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043069.D
 Acq On : 16 Aug 2024 12:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 16 23:54:22 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	4.898	128	19341	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113265	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98081	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45520	29.075	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.900%
60) 4-Bromofluorobenzene	11.079	95	43061	25.862	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.200%
63) Toluene-d8	8.647	98	138674	30.779	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.600%

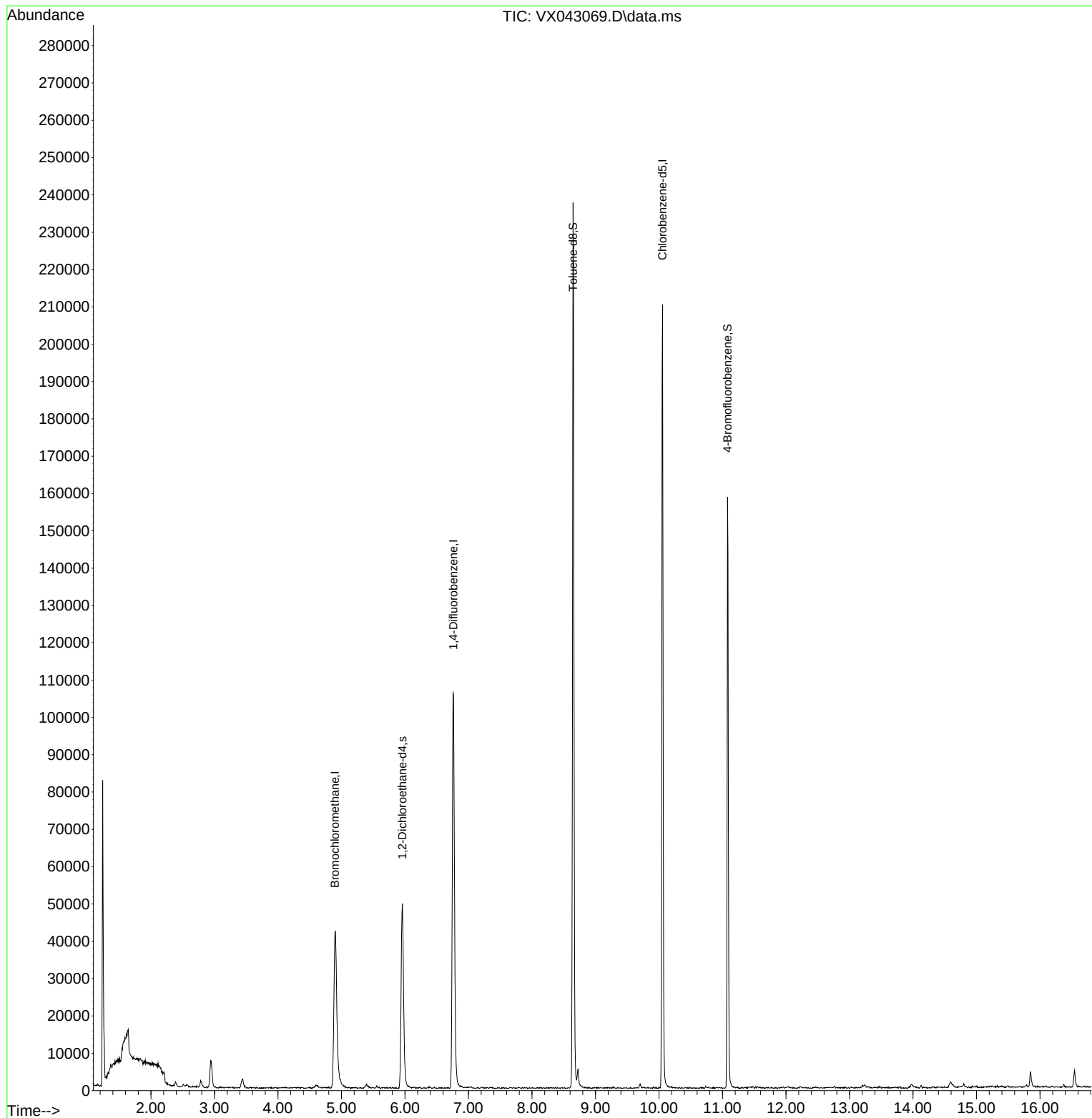
Target Compounds	Qvalue

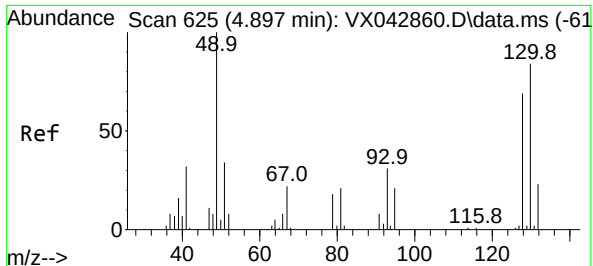
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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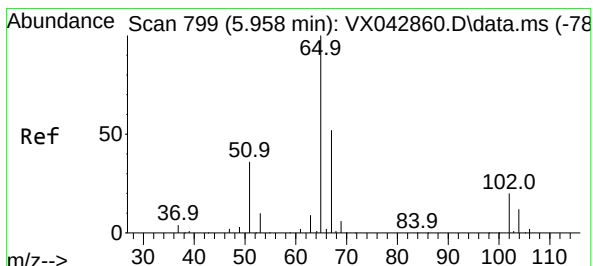
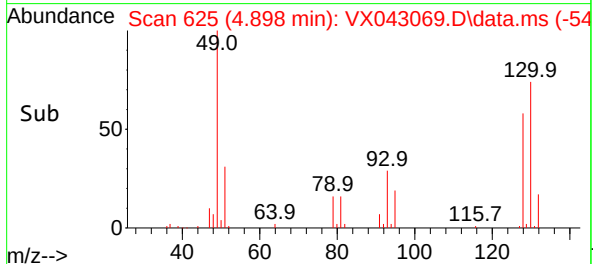
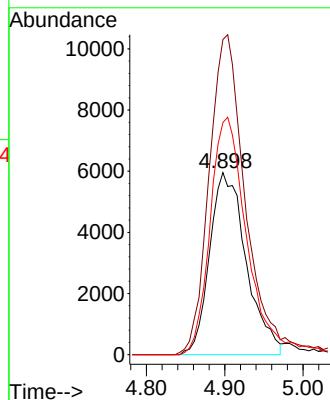
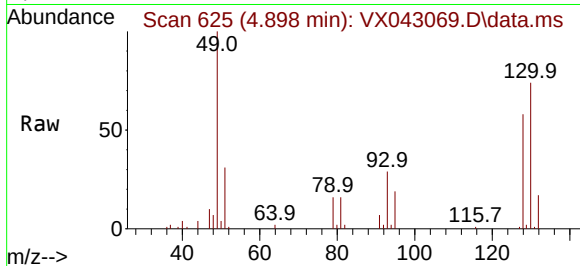




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043069.D
Acq: 16 Aug 2024 12:29

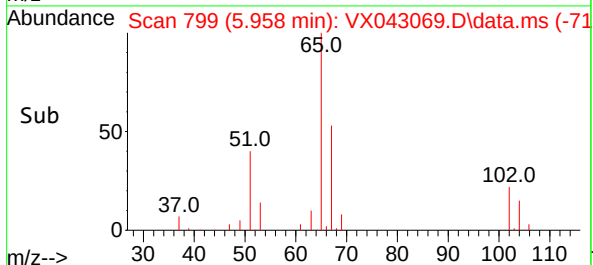
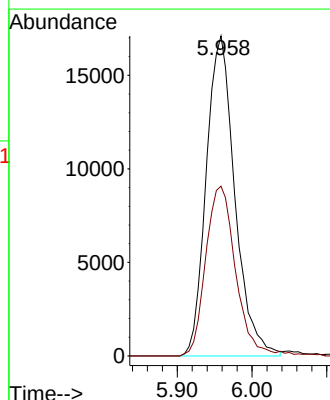
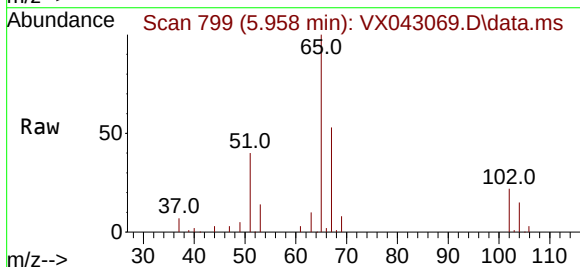
Instrument :
MSVOA_X
ClientSampleId :
IBLK

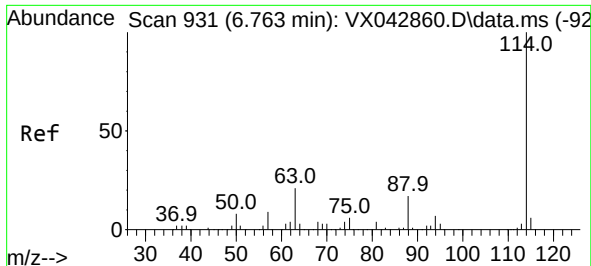
Tgt Ion:128 Resp: 19341
Ion Ratio Lower Upper
128 100
49 170.3 0.0 400.5
130 128.2 0.0 333.0



#27
1,2-Dichloroethane-d4
Concen: 29.075 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX043069.D
Acq: 16 Aug 2024 12:29

Tgt Ion: 65 Resp: 45520
Ion Ratio Lower Upper
65 100
67 54.8 40.6 60.8

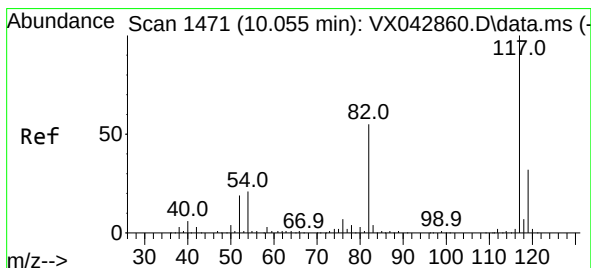
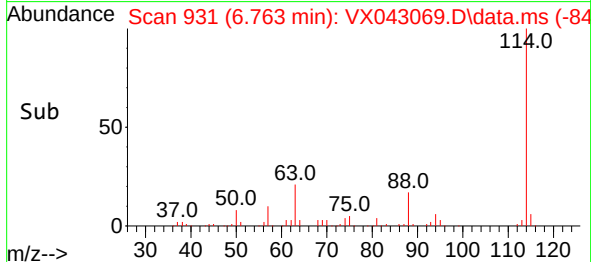
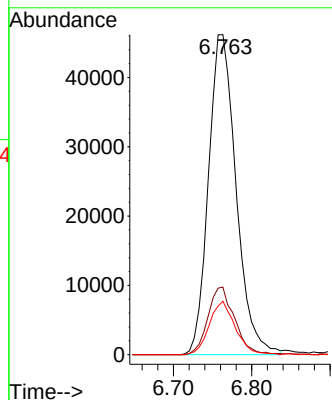
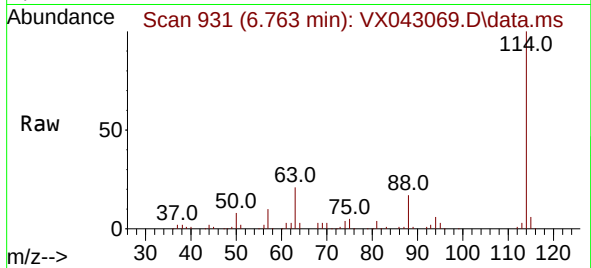




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX043069.D
Acq: 16 Aug 2024 12:29

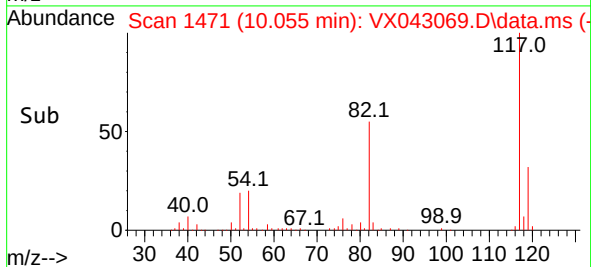
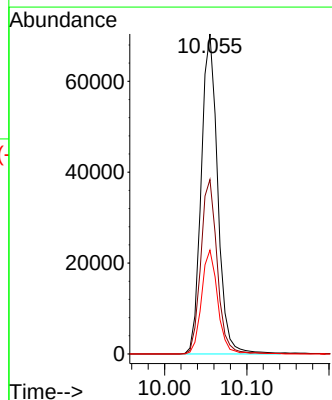
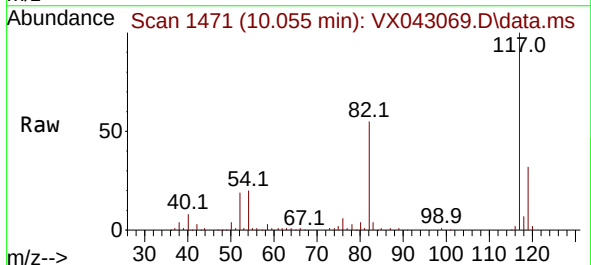
Instrument :
MSVOA_X
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IBLK

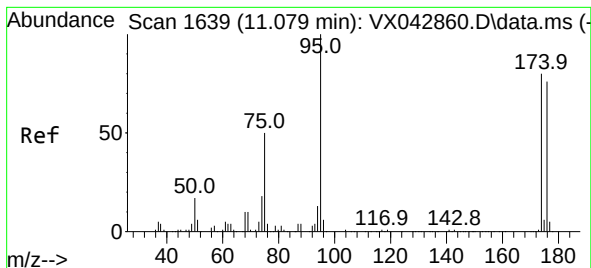
Tgt Ion:114 Resp: 113265
Ion Ratio Lower Upper
114 100
63 20.2 16.0 24.0
88 15.7 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043069.D
Acq: 16 Aug 2024 12:29

Tgt Ion:117 Resp: 98081
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 31.7 25.4 38.2





#60

4-Bromofluorobenzene

Concen: 25.862 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043069.D

Acq: 16 Aug 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

IBLK

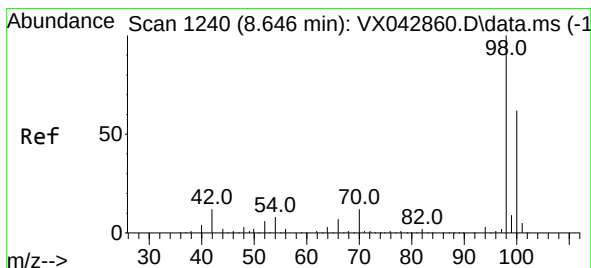
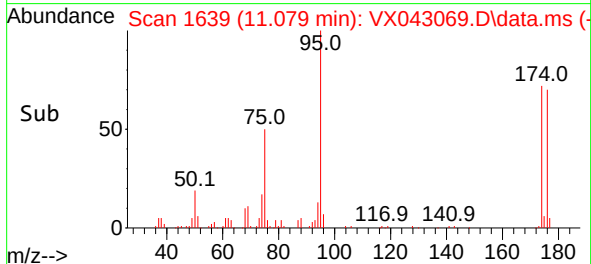
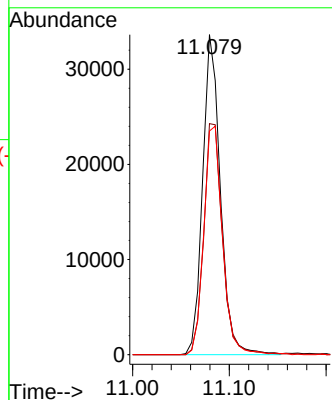
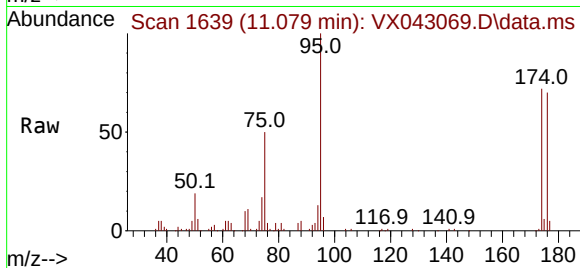
Tgt Ion: 95 Resp: 43061

Ion Ratio Lower Upper

95 100

174 76.1 65.0 97.6

176 75.3 63.4 95.0



#63

Toluene-d8

Concen: 30.779 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX043069.D

Acq: 16 Aug 2024 12:29

Tgt Ion: 98 Resp: 138674

Ion Ratio Lower Upper

98 100

100 65.7 50.9 76.3

