

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034956.D
 Acq On : 06 Apr 2023 15:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 07 03:18:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	29889	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	188882	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	194597	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	83798	29.179	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.267%
60) 4-Bromofluorobenzene	11.079	95	110354	28.381	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	8.647	98	196538	29.720	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.067%

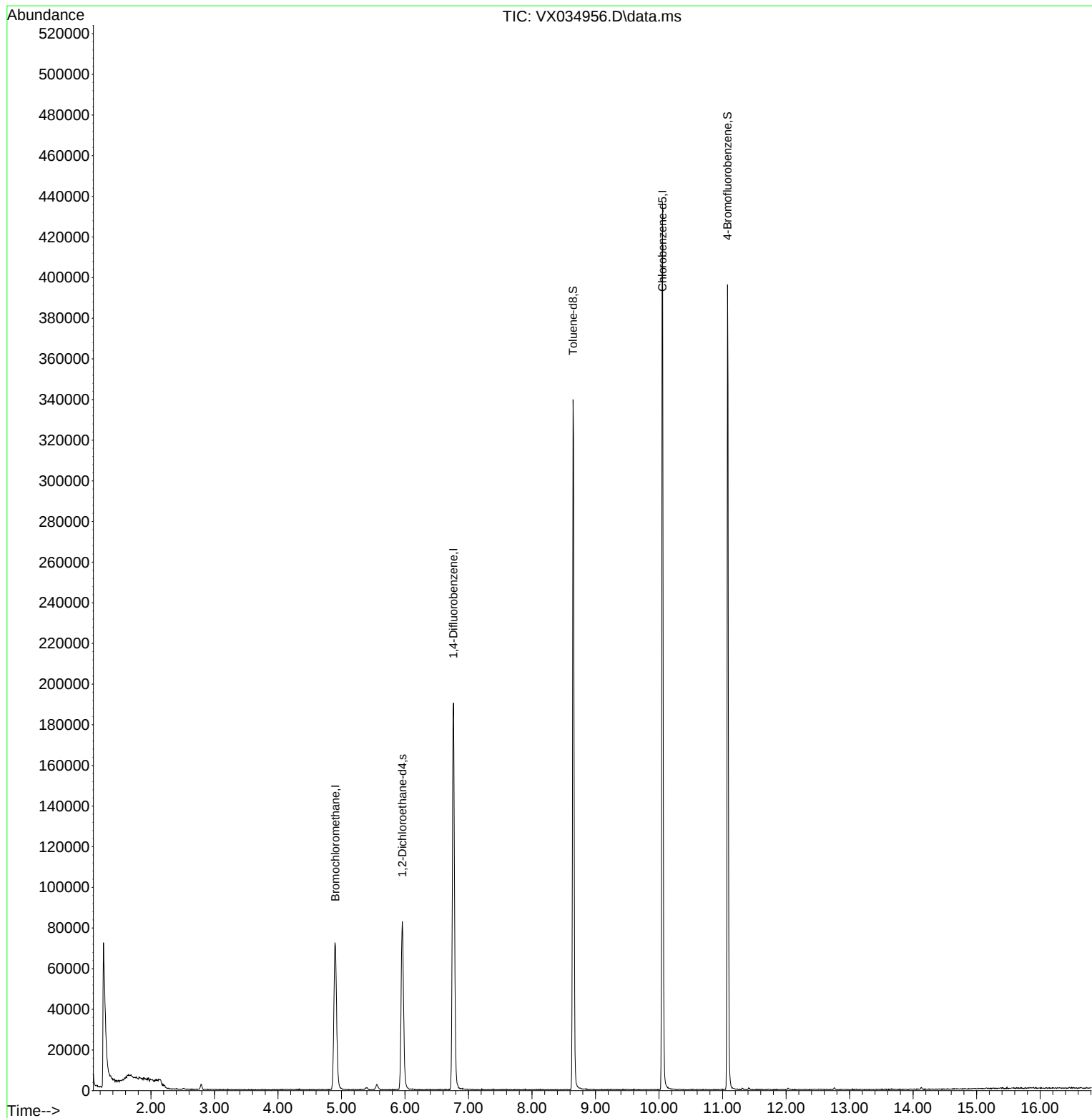
Target Compounds	Qvalue

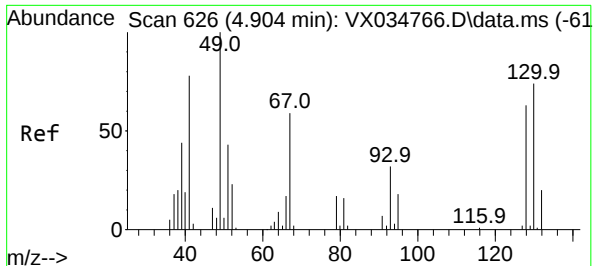
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
Data File : VX034956.D
Acq On : 06 Apr 2023 15:21
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Apr 07 03:18:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Mar 28 09:11:00 2023
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034956.D

Acq: 06 Apr 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

IBLK

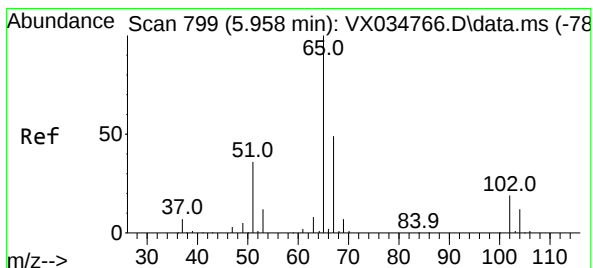
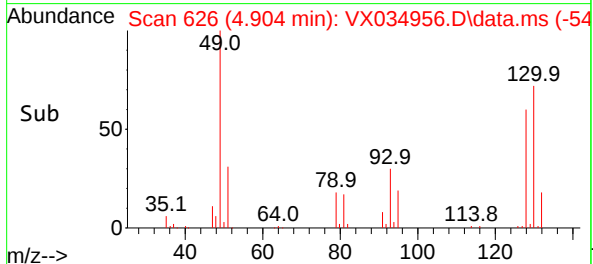
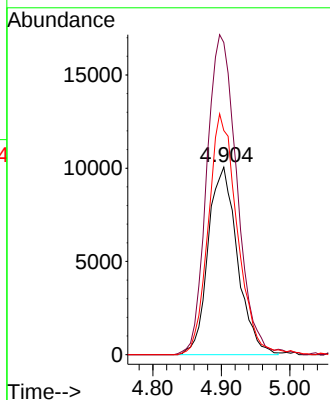
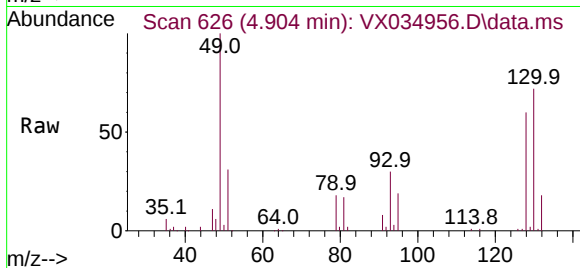
Tgt Ion:128 Resp: 29889

Ion Ratio Lower Upper

128 100

49 174.9 0.0 428.8

130 127.0 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 29.179 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX034956.D

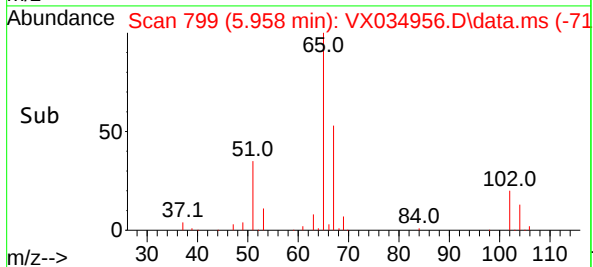
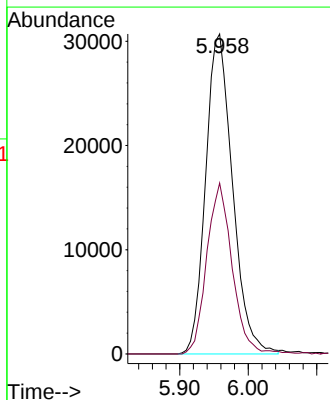
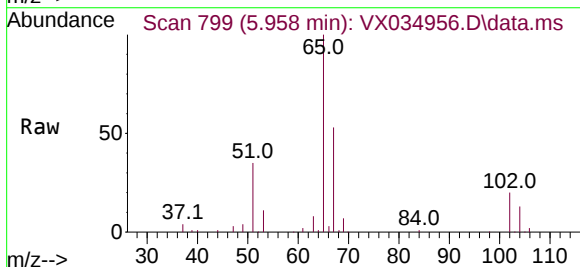
Acq: 06 Apr 2023 15:21

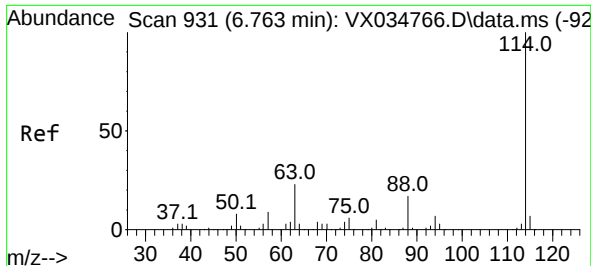
Tgt Ion: 65 Resp: 83798

Ion Ratio Lower Upper

65 100

67 49.7 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX034956.D

Acq: 06 Apr 2023 15:21

Instrument :

MSVOA_X

ClientSampleId :

IBLK

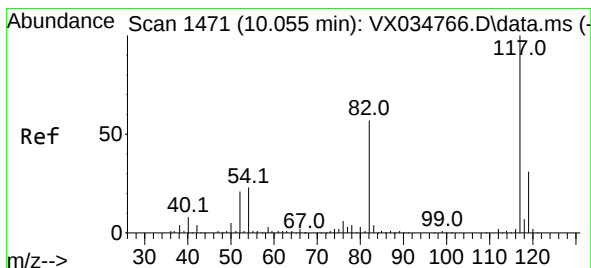
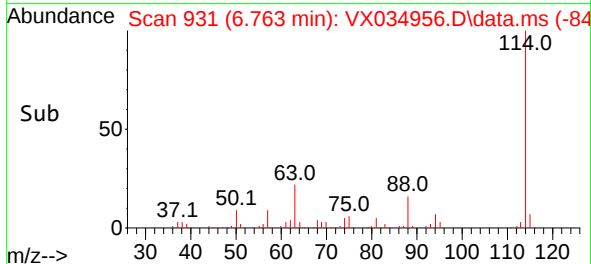
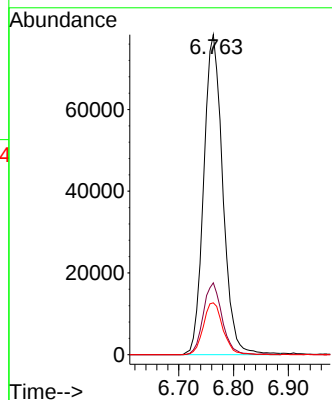
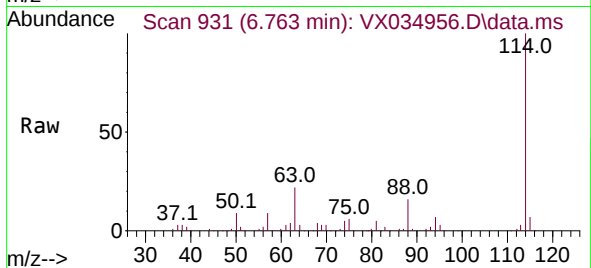
Tgt Ion:114 Resp: 188882

Ion Ratio Lower Upper

114 100

63 22.1 18.0 27.0

88 16.5 13.3 19.9



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034956.D

Acq: 06 Apr 2023 15:21

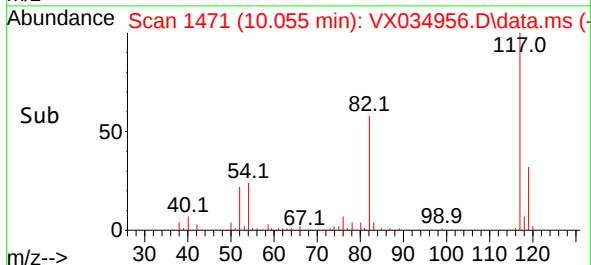
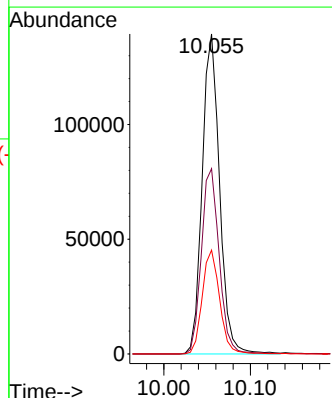
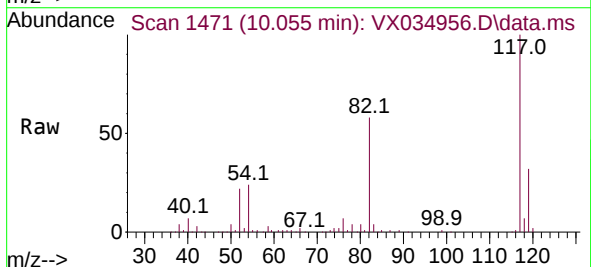
Tgt Ion:117 Resp: 194597

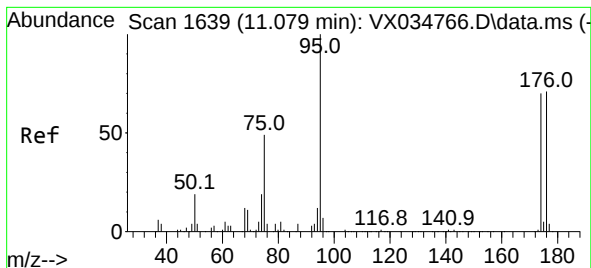
Ion Ratio Lower Upper

117 100

82 59.4 45.8 68.8

119 32.4 25.4 38.0

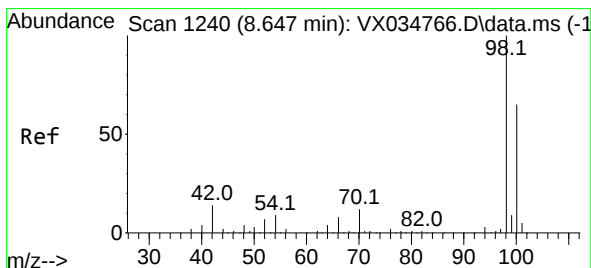
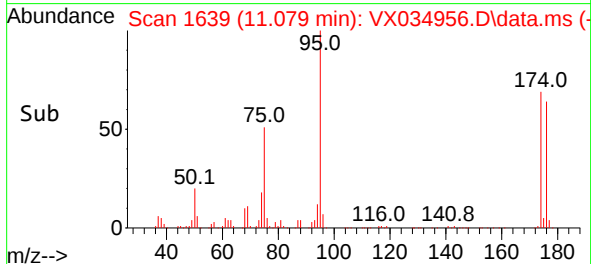
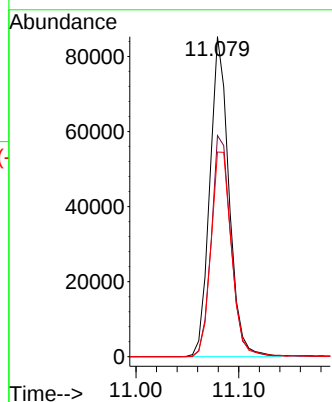
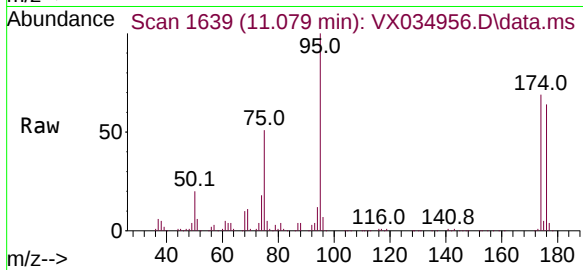




#60
4-Bromofluorobenzene
Concen: 28.381 ug/l
RT: 11.079 min Scan# 110354
Delta R.T. 0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 110354
Ion Ratio Lower Upper
95 100
174 71.3 0.2 0.4#
176 68.5 0.2 0.2#



#63
Toluene-d8
Concen: 29.720 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034956.D
Acq: 06 Apr 2023 15:21

Tgt Ion: 98 Resp: 196538
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1

