

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035821.D
 Acq On : 23 May 2023 18:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 24 05:51:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	31522	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	190788	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	161984	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	82208	31.387	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.633%
60) 4-Bromofluorobenzene	11.079	95	77129	28.377	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	8.646	98	221970	30.997	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.333%

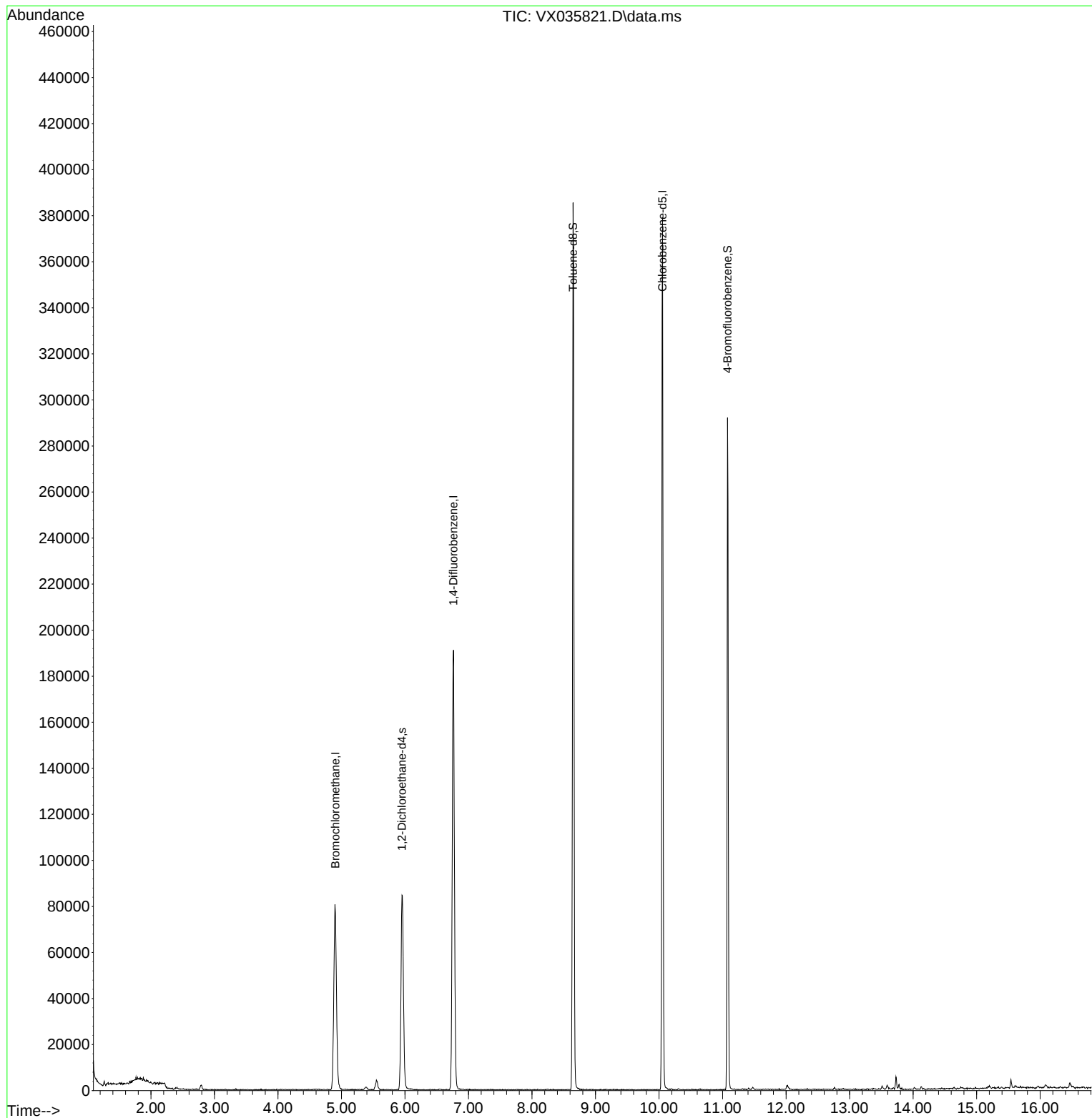
Target Compounds	Qvalue

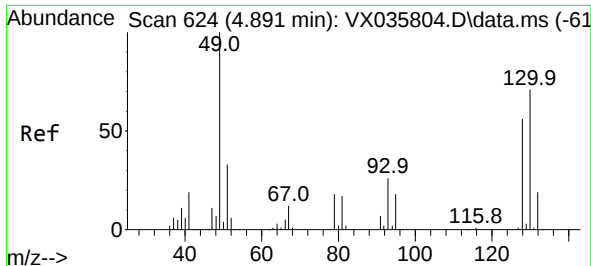
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
Data File : VX035821.D
Acq On : 23 May 2023 18:02
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: May 24 05:51:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 23 11:36:37 2023
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX035821.D

Acq: 23 May 2023 18:02

Instrument :

MSVOA_X

ClientSampleId :

IBLK

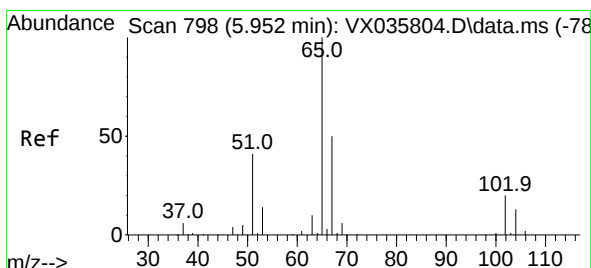
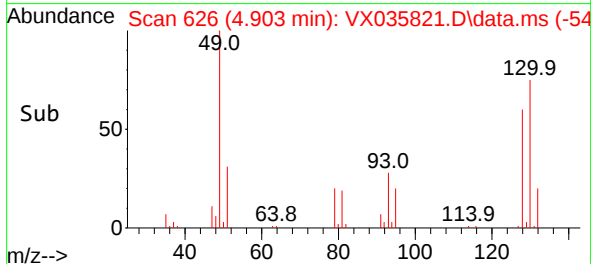
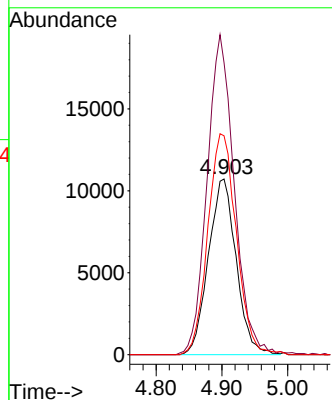
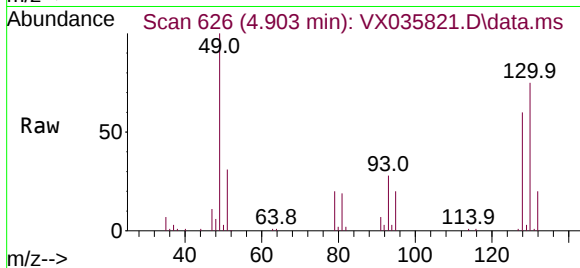
Tgt Ion:128 Resp: 31522

Ion Ratio Lower Upper

128 100

49 177.7 0.0 428.8

130 129.1 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 31.387 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035821.D

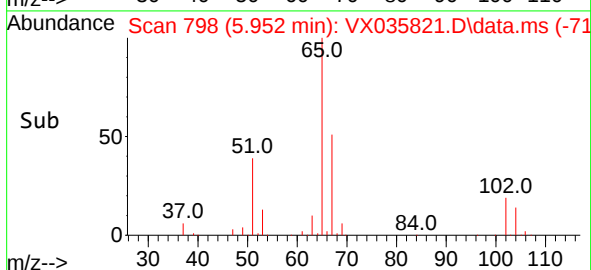
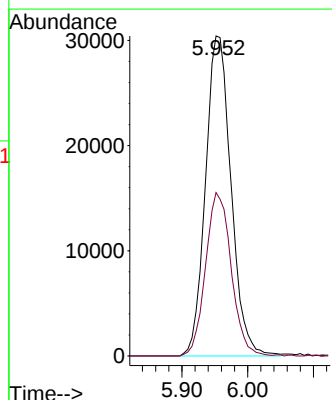
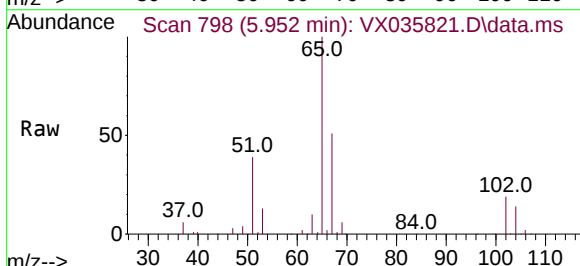
Acq: 23 May 2023 18:02

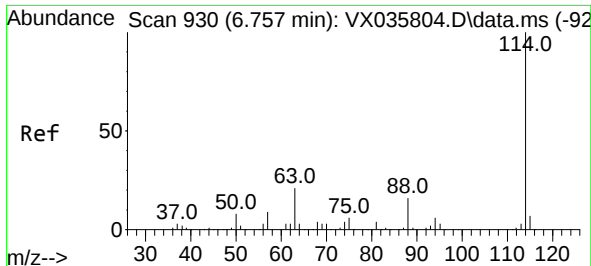
Tgt Ion: 65 Resp: 82208

Ion Ratio Lower Upper

65 100

67 51.2 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX035821.D

Acq: 23 May 2023 18:02

Instrument :

MSVOA_X

ClientSampleId :

IBLK

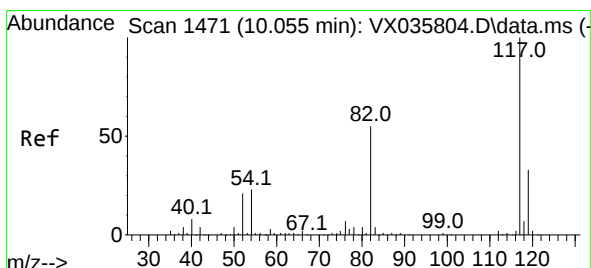
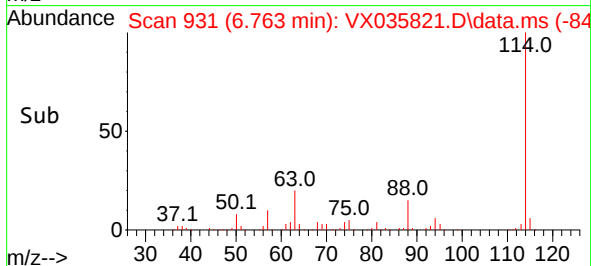
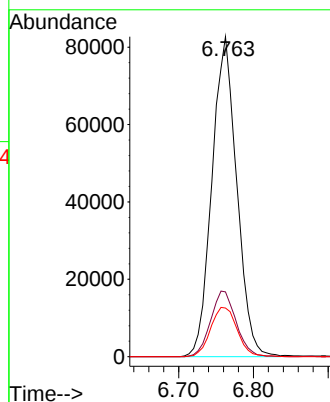
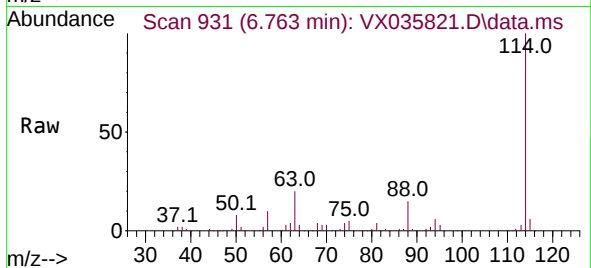
Tgt Ion:114 Resp: 190788

Ion Ratio Lower Upper

114 100

63 21.1 18.0 27.0

88 16.4 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: VX035821.D

Acq: 23 May 2023 18:02

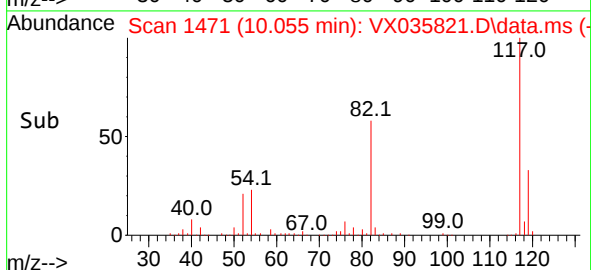
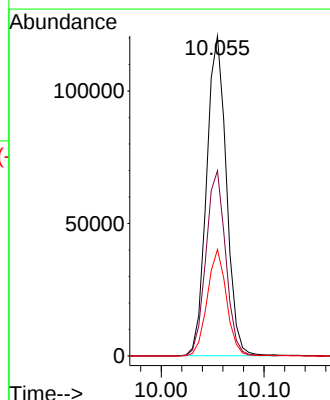
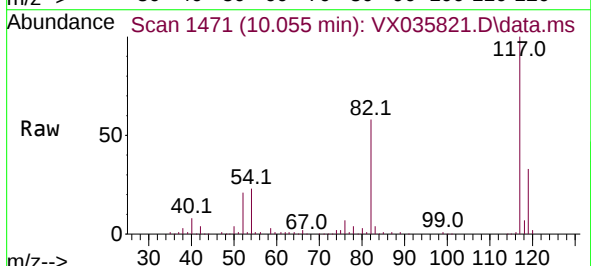
Tgt Ion:117 Resp: 161984

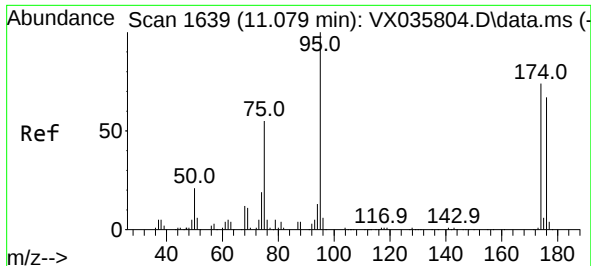
Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.8

119 32.4 25.4 38.0

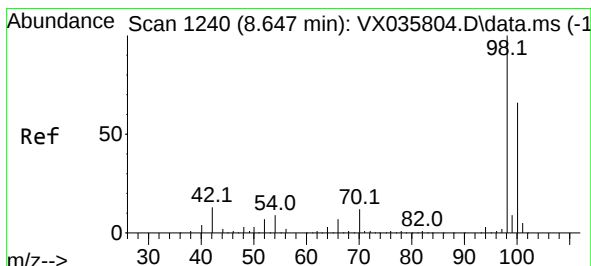
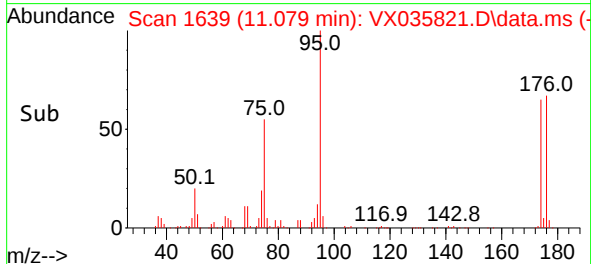
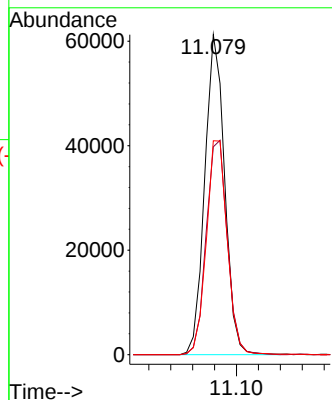
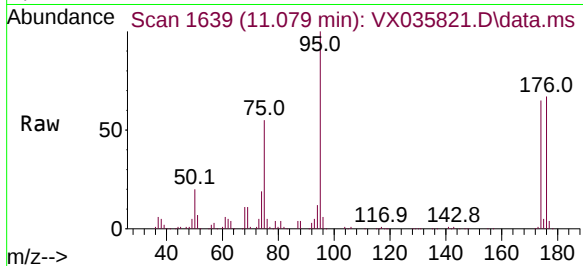




#60
4-Bromofluorobenzene
Concen: 28.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035821.D
Acq: 23 May 2023 18:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 77129
Ion Ratio Lower Upper
95 100
174 71.1 0.2 0.4#
176 70.3 0.2 0.2#



#63
Toluene-d8
Concen: 30.997 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035821.D
Acq: 23 May 2023 18:02

Tgt Ion: 98 Resp: 221970
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1

