

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
 Data File : VX034952.D
 Acq On : 06 Apr 2023 13:48
 Operator : JC/MD
 Sample : 02140-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-01

Quant Time: Apr 06 14:29:55 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	4.891	128	28192	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	180229	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	188669	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	79943	29.512	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.367%
60) 4-Bromofluorobenzene	11.079	95	104862	27.815	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.733%
63) Toluene-d8	8.647	98	192130	29.966	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.900%

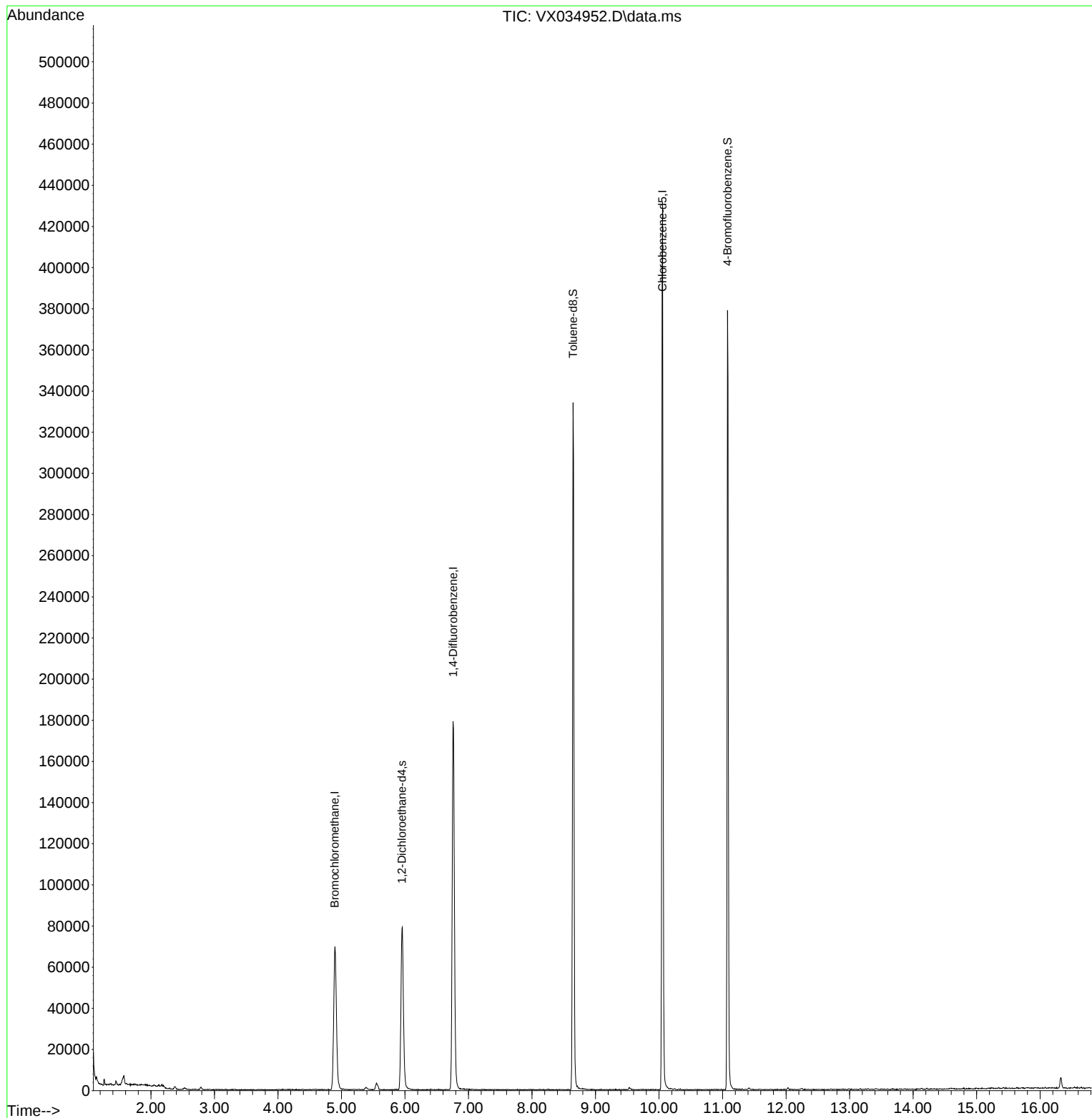
Target Compounds	Qvalue

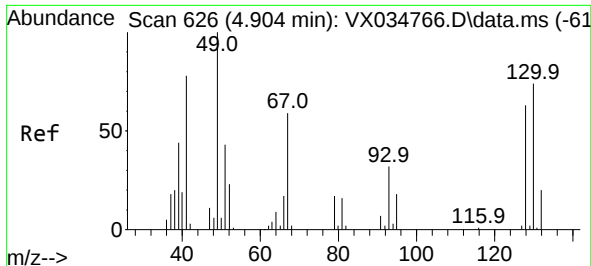
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040623\
Data File : VX034952.D
Acq On : 06 Apr 2023 13:48
Operator : JC/MD
Sample : 02140-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Quant Time: Apr 06 14:29:55 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: 4.891 min Scan# 61

Delta R.T. -0.013 min

Lab File: VX034952.D

Acq: 06 Apr 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MW-01

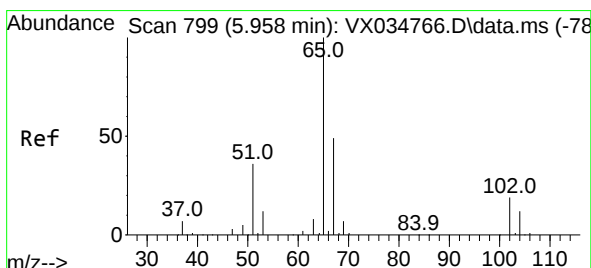
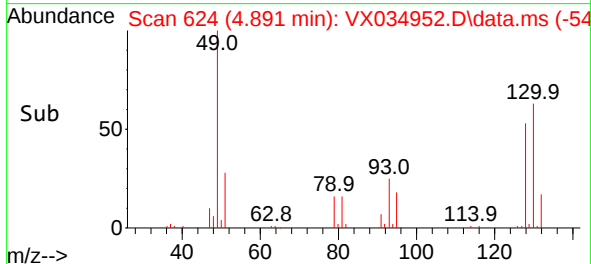
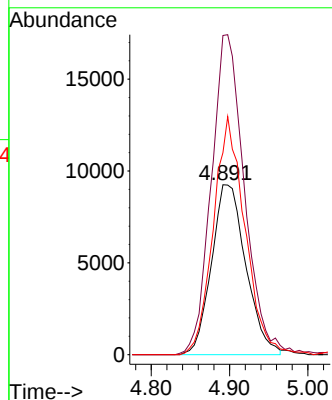
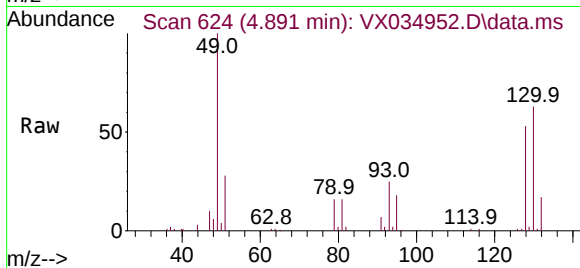
Tgt Ion:128 Resp: 28192

Ion Ratio Lower Upper

128 100

49 181.6 0.0 428.8

130 129.1 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 29.512 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX034952.D

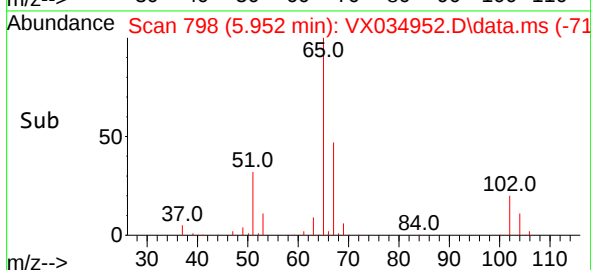
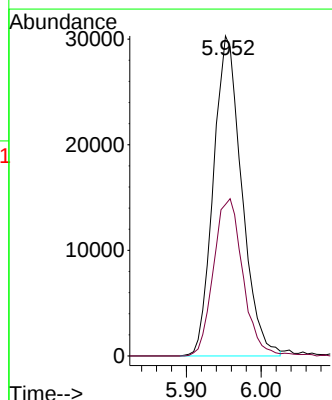
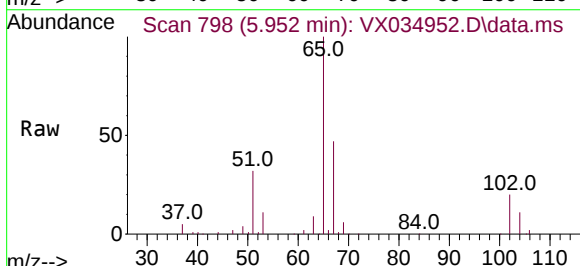
Acq: 06 Apr 2023 13:48

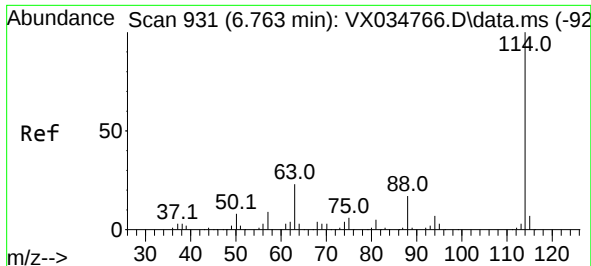
Tgt Ion: 65 Resp: 79943

Ion Ratio Lower Upper

65 100

67 50.6 40.9 61.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX034952.D

Acq: 06 Apr 2023 13:48

Instrument :

MSVOA_X

ClientSampleId :

MW-01

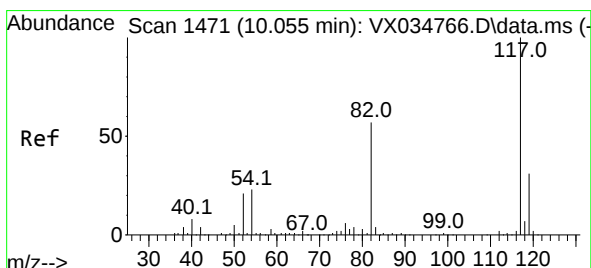
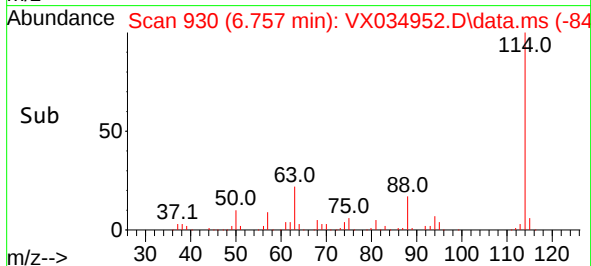
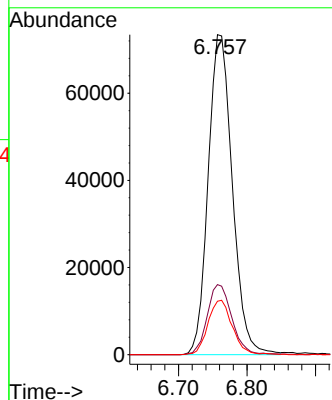
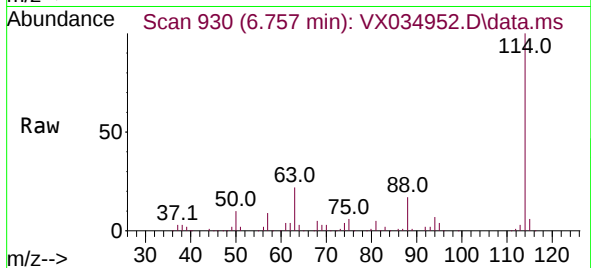
Tgt Ion:114 Resp: 180229

Ion Ratio Lower Upper

114 100

63 22.2 18.0 27.0

88 16.9 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: VX034952.D

Acq: 06 Apr 2023 13:48

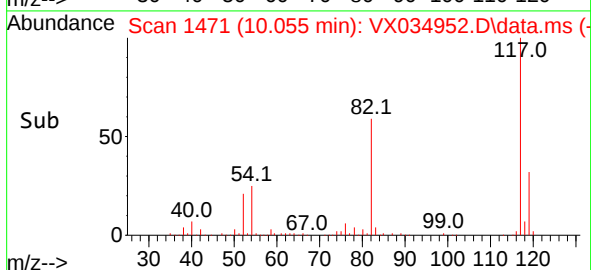
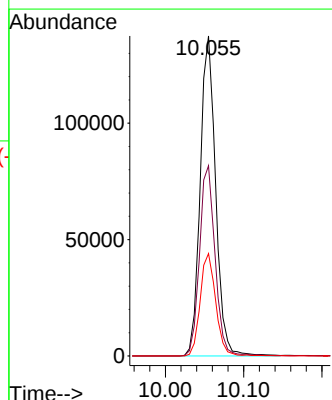
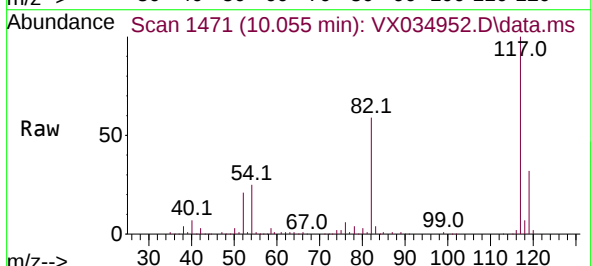
Tgt Ion:117 Resp: 188669

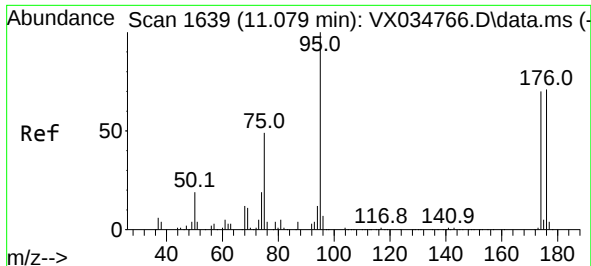
Ion Ratio Lower Upper

117 100

82 59.7 45.8 68.8

119 31.9 25.4 38.0

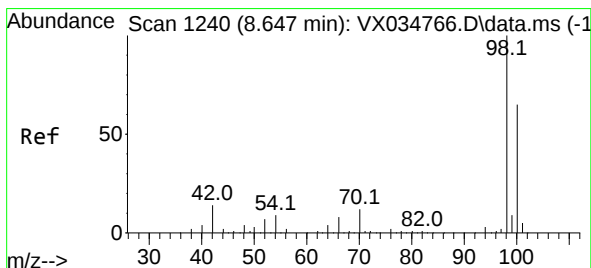
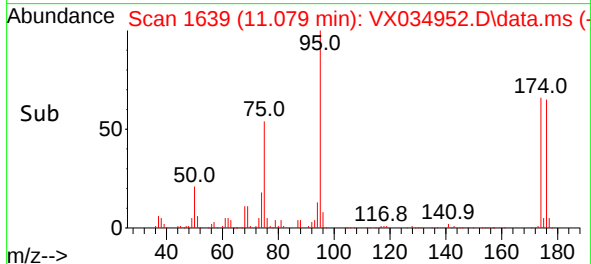
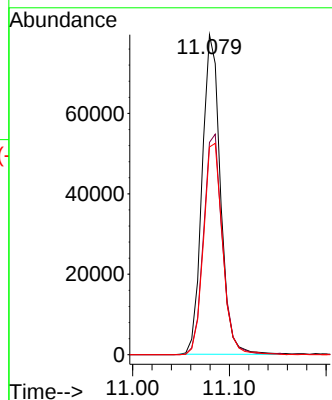
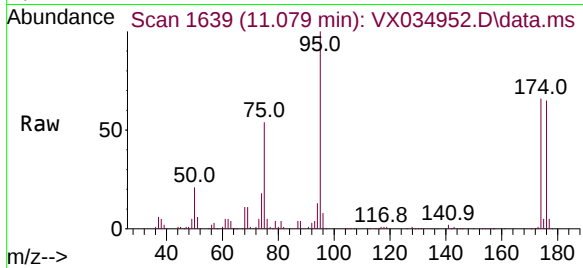




#60
4-Bromofluorobenzene
Concen: 27.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034952.D
Acq: 06 Apr 2023 13:48

Instrument :
MSVOA_X
ClientSampleId :
MW-01

Tgt Ion: 95 Resp: 104862
Ion Ratio Lower Upper
95 100
174 70.9 0.2 0.4#
176 68.4 0.2 0.2#



#63
Toluene-d8
Concen: 29.966 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034952.D
Acq: 06 Apr 2023 13:48

Tgt Ion: 98 Resp: 192130
Ion Ratio Lower Upper
98 100
100 66.7 52.1 78.1

