

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035812.D
 Acq On : 23 May 2023 13:58
 Operator : JC/MD
 Sample : VX0523WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBL01

Quant Time: May 24 05:48:27 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	4.897	128	32153	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	176822	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155676	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	80554	30.152	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.500%
60) 4-Bromofluorobenzene	11.079	95	71847	27.504	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.667%
63) Toluene-d8	8.647	98	209461	30.435	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.467%

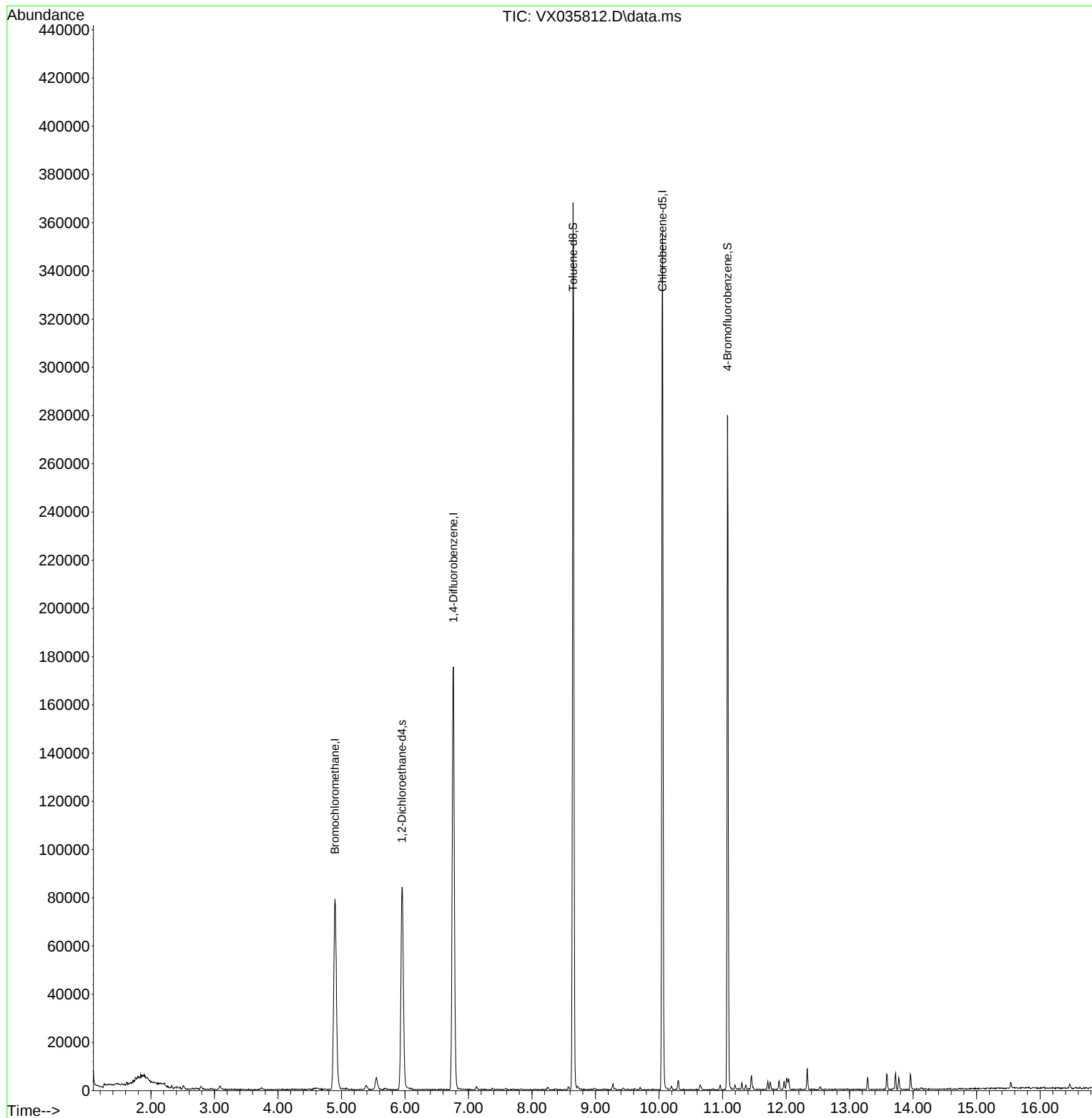
Target Compounds	Qvalue

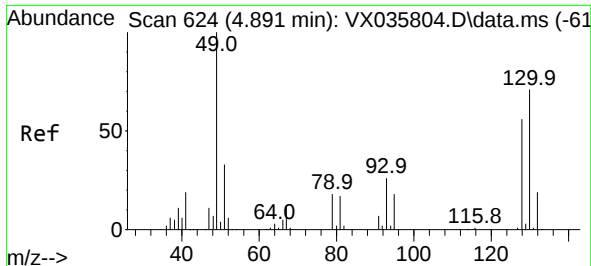
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

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VX0523WBL01

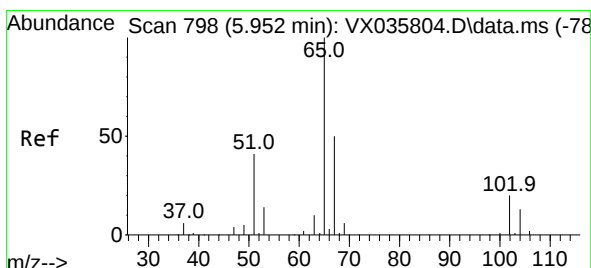
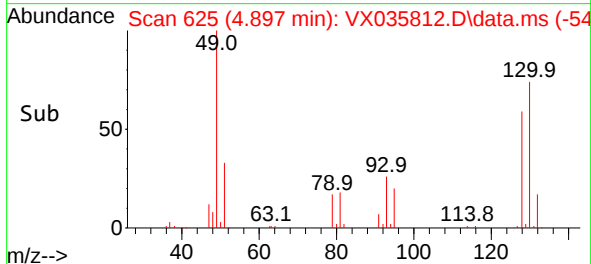
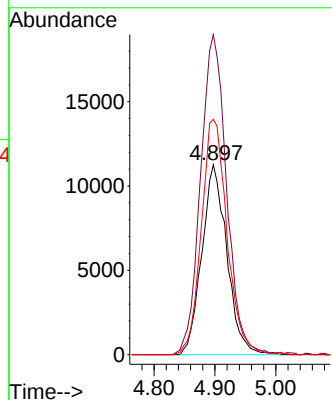
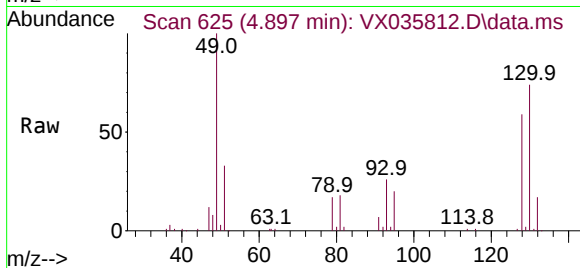
Tgt Ion:128 Resp: 32153

Ion Ratio Lower Upper

128 100

49 174.9 0.0 428.8

130 127.6 0.0 310.8



#27

1,2-Dichloroethane-d4

Concen: 30.152 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035812.D

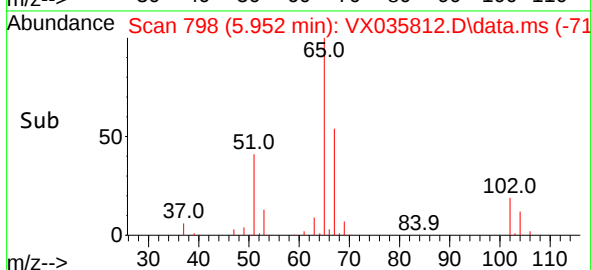
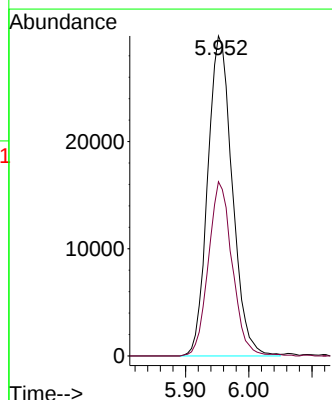
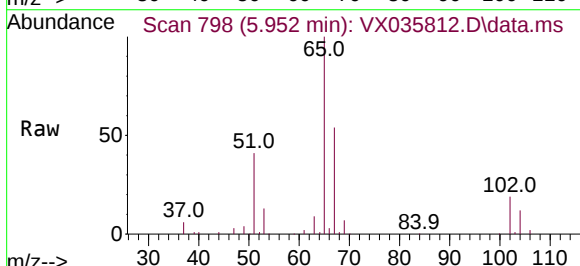
Acq: 23 May 2023 13:58

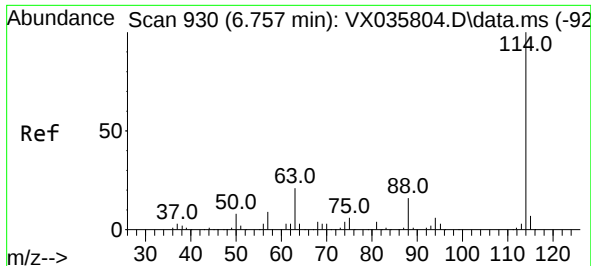
Tgt Ion: 65 Resp: 80554

Ion Ratio Lower Upper

65 100

67 52.6 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: VX035812.D

Acq: 23 May 2023 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0523WBL01

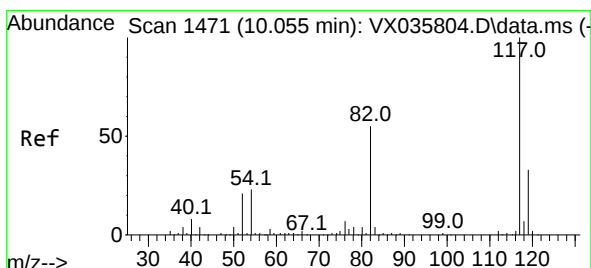
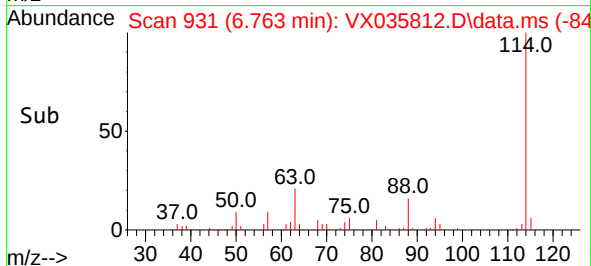
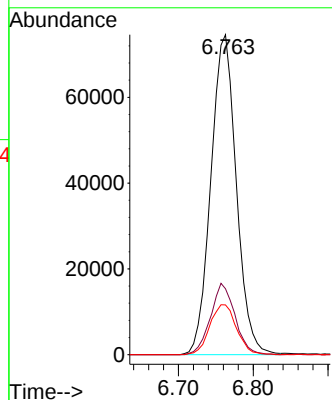
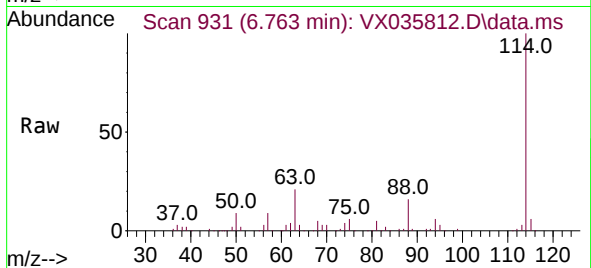
Tgt Ion:114 Resp: 176822

Ion Ratio Lower Upper

114 100

63 21.5 18.0 27.0

88 16.3 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: VX035812.D

Acq: 23 May 2023 13:58

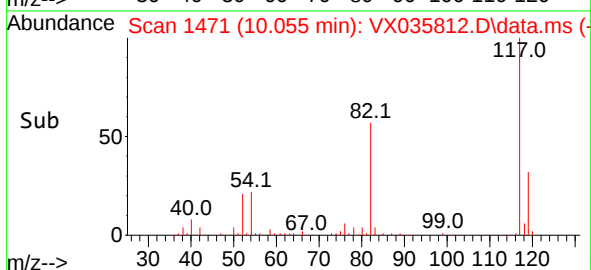
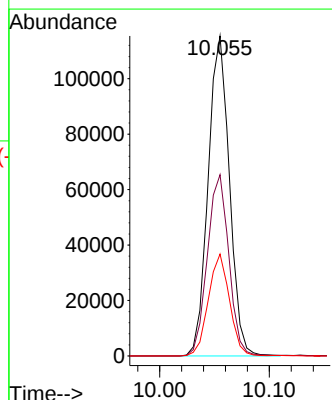
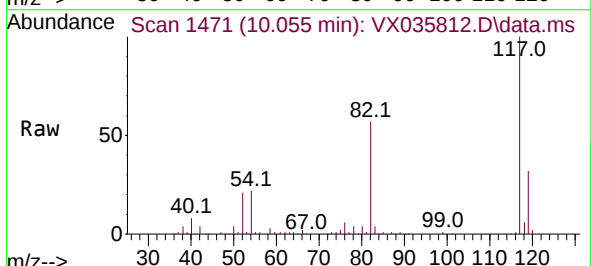
Tgt Ion:117 Resp: 155676

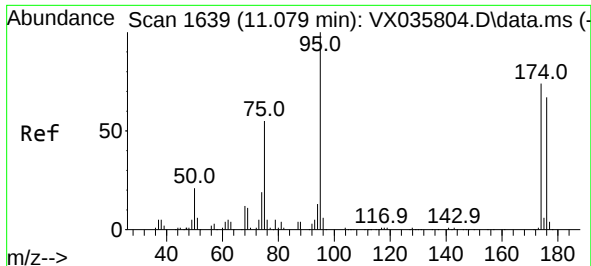
Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

119 31.6 25.4 38.0

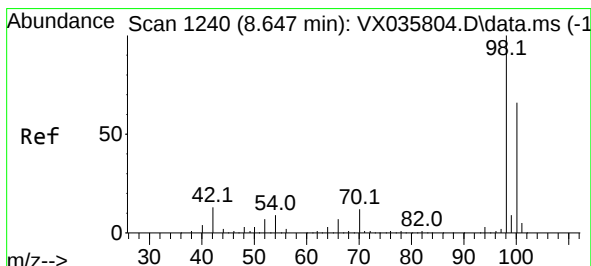
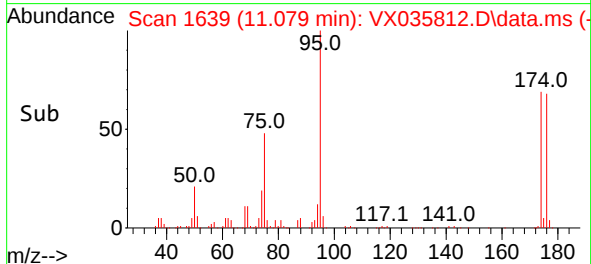
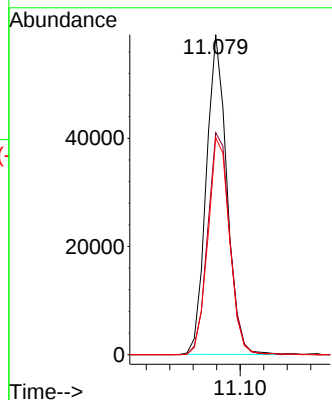
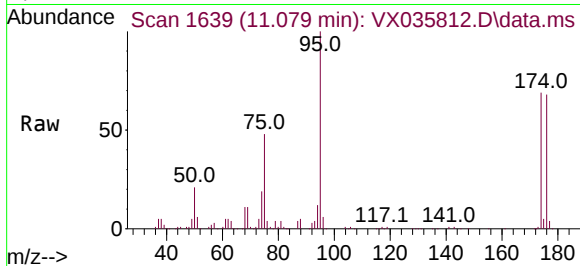




#60
4-Bromofluorobenzene
Concen: 27.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035812.D
Acq: 23 May 2023 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion: 95 Resp: 71847
Ion Ratio Lower Upper
95 100
174 74.2 0.2 0.4#
176 71.6 0.2 0.2#



#63
Toluene-d8
Concen: 30.435 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035812.D
Acq: 23 May 2023 13:58

Tgt Ion: 98 Resp: 209461
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1

