

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035950.D
 Acq On : 01 Jun 2023 11:21
 Operator : JC/MD
 Sample : VX0601WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0601WBL01

Quant Time: Jun 02 01:36:20 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	4.904	128	35943	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	208815	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	183975	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	92256	30.891	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.967%
60) 4-Bromofluorobenzene	11.079	95	90916	29.451	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.167%
63) Toluene-d8	8.647	98	243901	29.988	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.967%

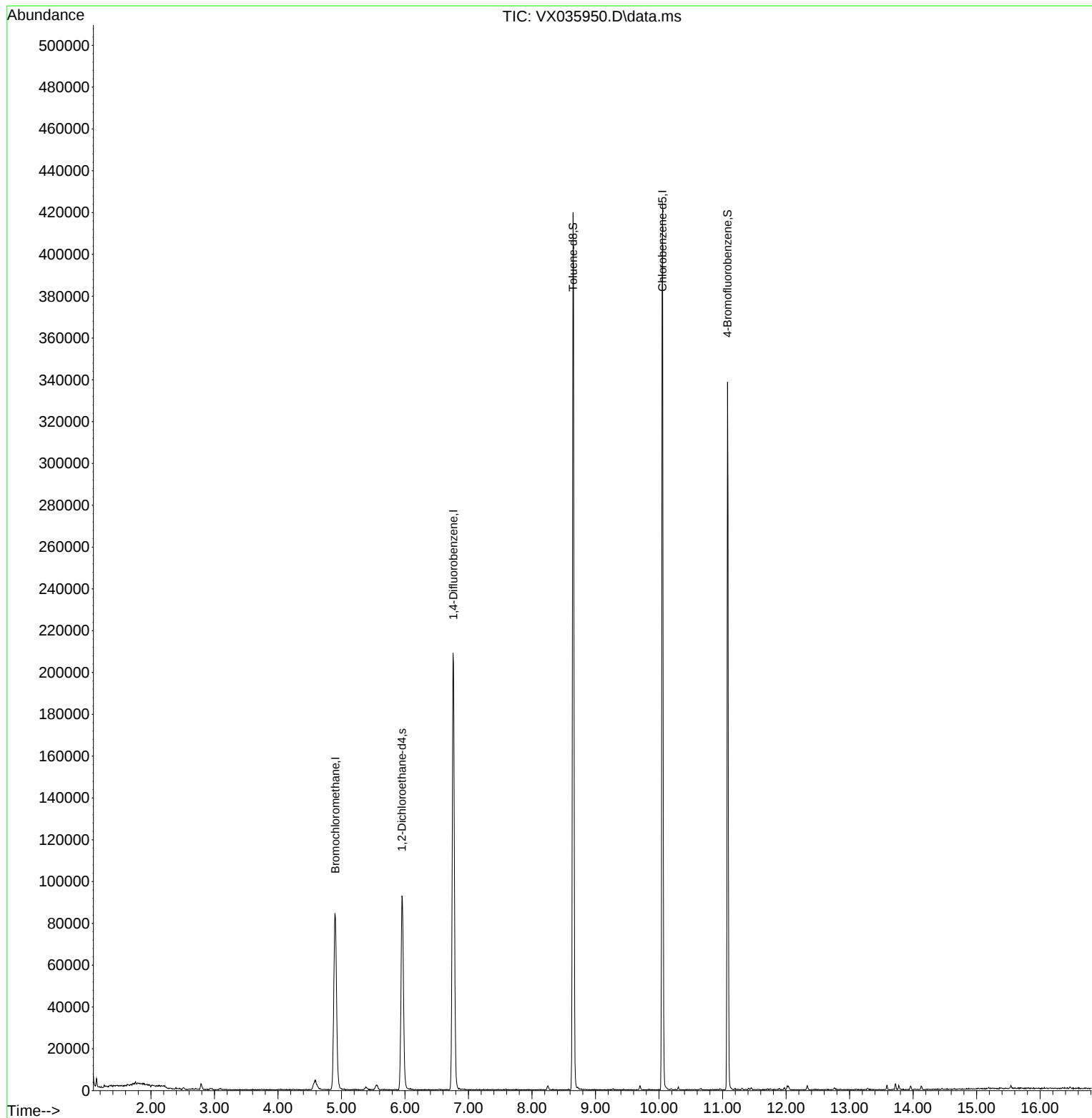
Target Compounds	Qvalue

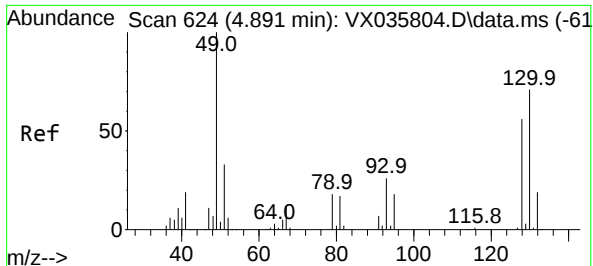
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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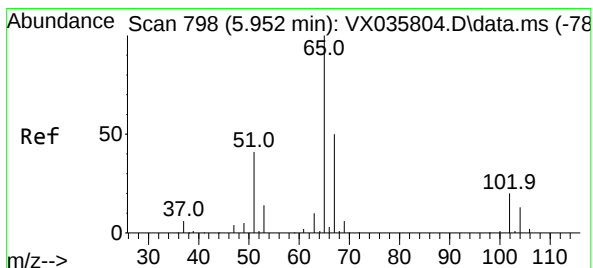
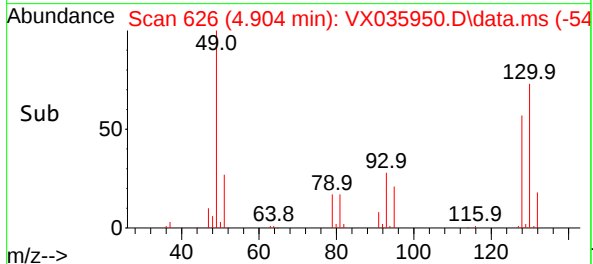
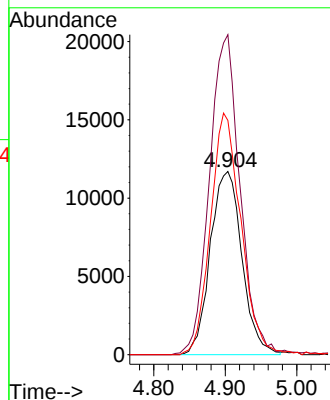
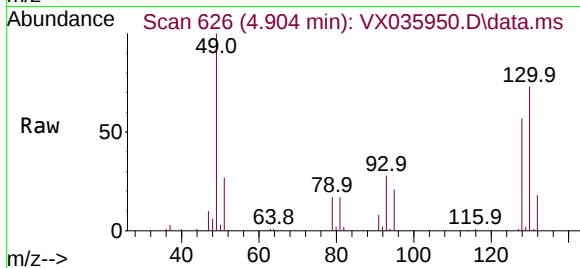




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

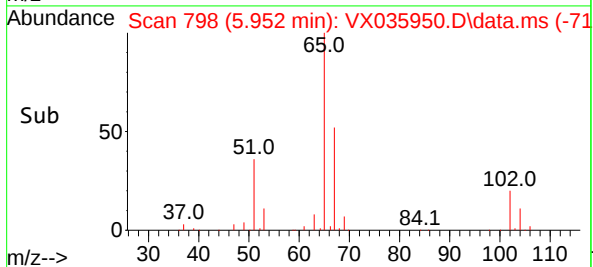
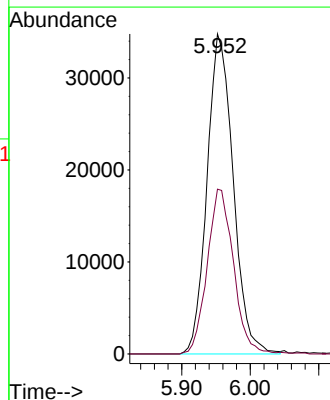
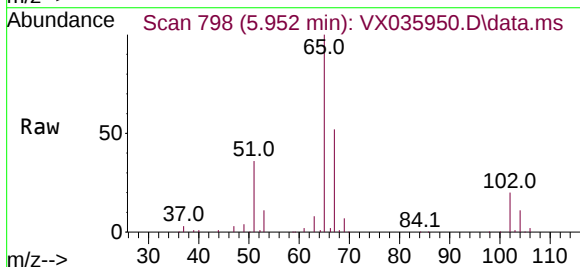
Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

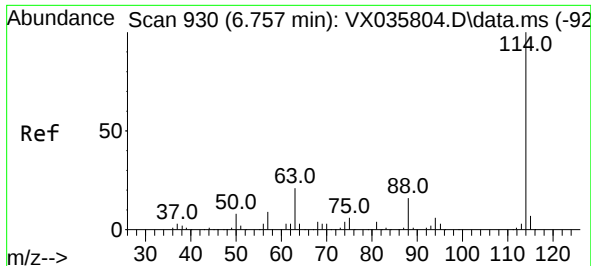
Tgt Ion:128 Resp: 35943
Ion Ratio Lower Upper
128 100
49 168.3 0.0 428.8
130 127.3 0.0 310.8



#27
1,2-Dichloroethane-d4
Concen: 30.891 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 65 Resp: 92256
Ion Ratio Lower Upper
65 100
67 51.6 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: VX035950.D

Acq: 01 Jun 2023 11:21

Instrument :

MSVOA_X

ClientSampleId :

VX0601WBL01

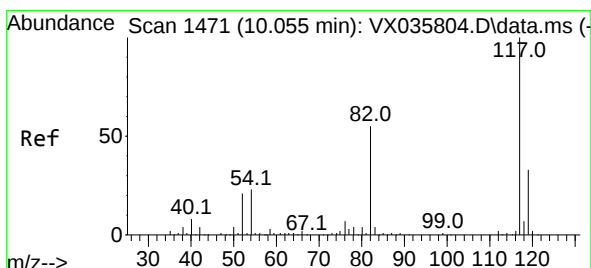
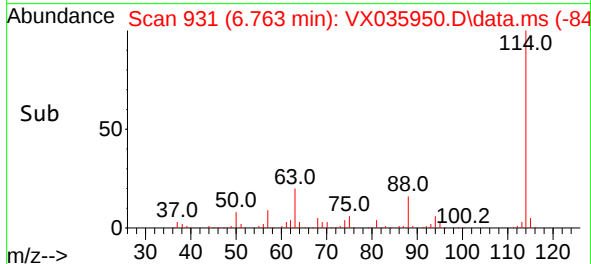
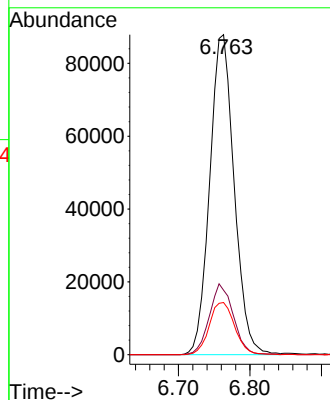
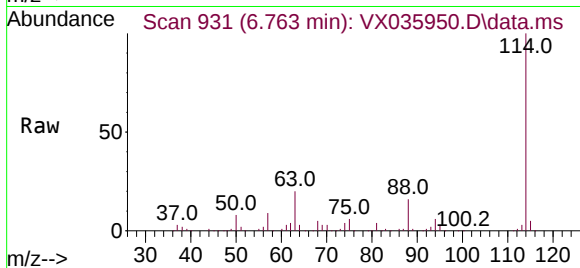
Tgt Ion:114 Resp: 208815

Ion Ratio Lower Upper

114 100

63 21.7 18.0 27.0

88 17.0 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: VX035950.D

Acq: 01 Jun 2023 11:21

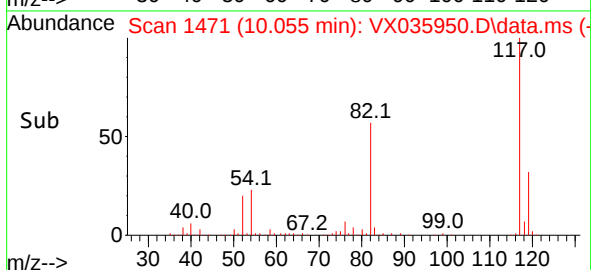
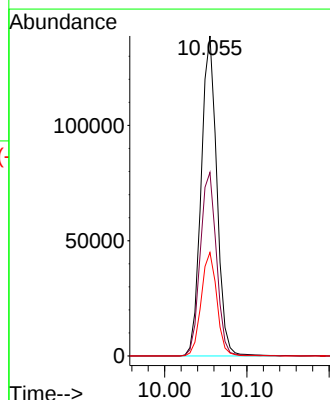
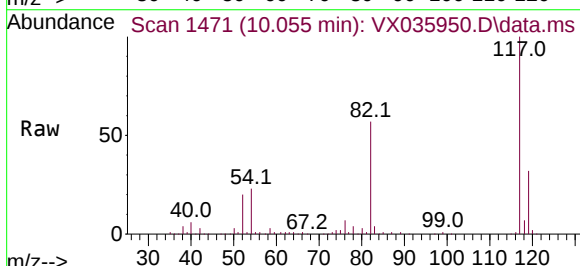
Tgt Ion:117 Resp: 183975

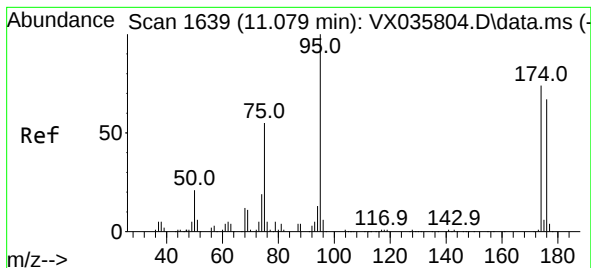
Ion Ratio Lower Upper

117 100

82 59.2 45.8 68.8

119 32.2 25.4 38.0

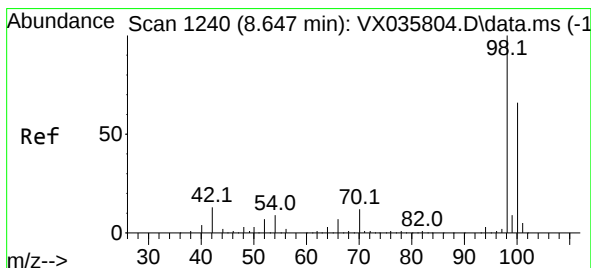
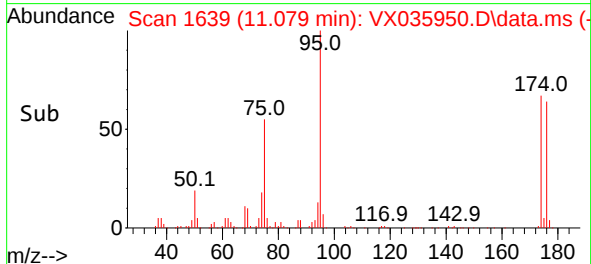
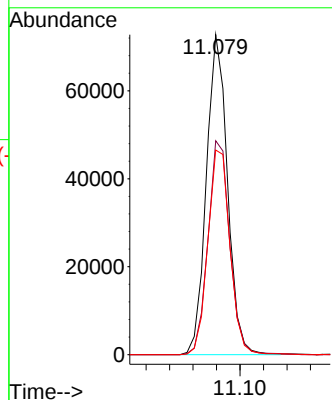
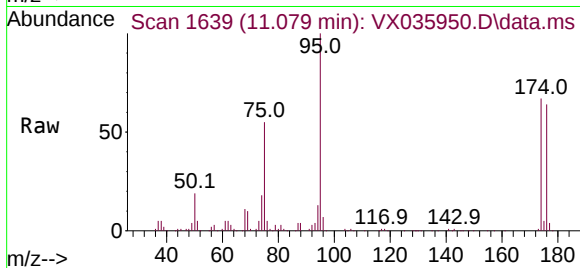




#60
4-Bromofluorobenzene
Concen: 29.451 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0601WBL01

Tgt Ion: 95 Resp: 90916
Ion Ratio Lower Upper
95 100
174 68.9 0.2 0.4#
176 67.0 0.2 0.2#



#63
Toluene-d8
Concen: 29.988 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035950.D
Acq: 01 Jun 2023 11:21

Tgt Ion: 98 Resp: 243901
Ion Ratio Lower Upper
98 100
100 67.0 52.1 78.1

