

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039024.D
 Acq On : 24 Nov 2023 15:09
 Operator : JC/MD
 Sample : VX1124WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1124WBL01

Quant Time: Nov 27 03:29:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	9433	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	79671	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	97374	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45052	34.911	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	116.367%#
60) 4-Bromofluorobenzene	11.079	95	62214	29.252	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.500%
63) Toluene-d8	8.647	98	118973	30.903	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.000%

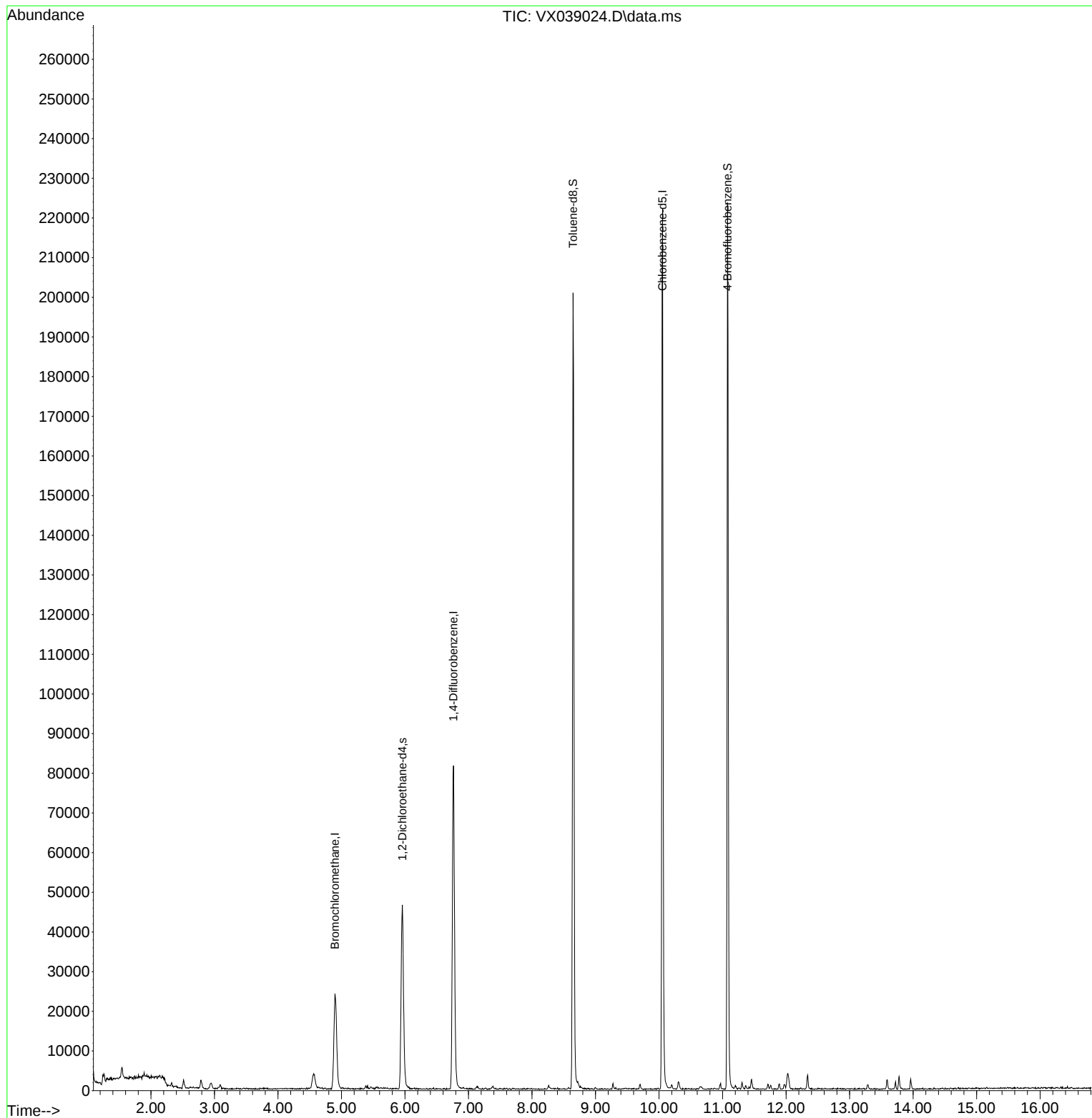
Target Compounds	Qvalue

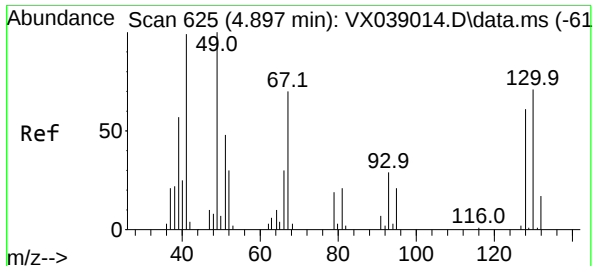
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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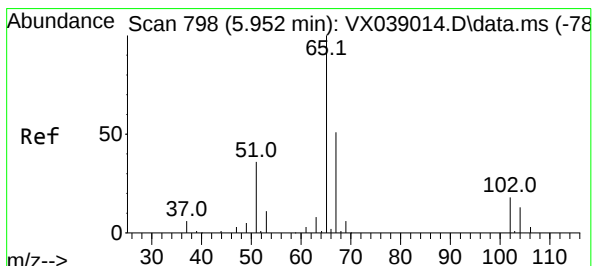
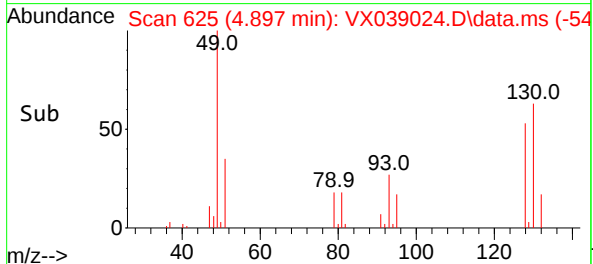
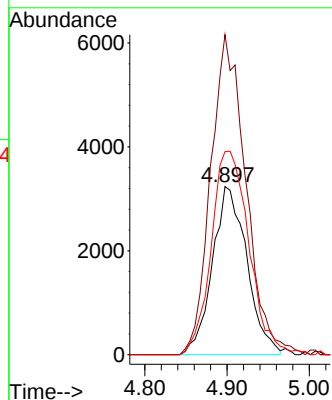
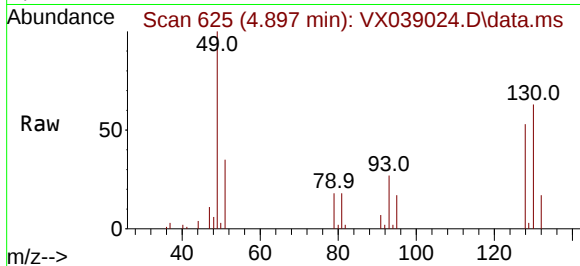




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039024.D
Acq: 24 Nov 2023 15:09

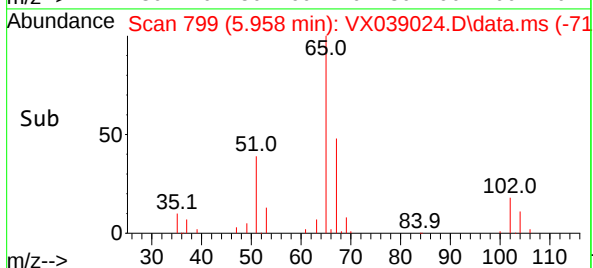
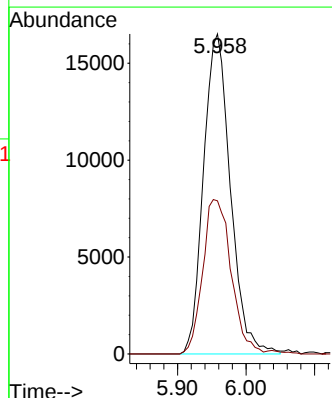
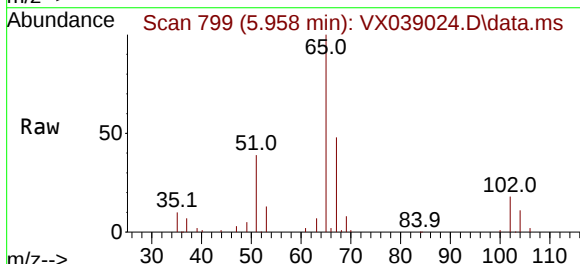
Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

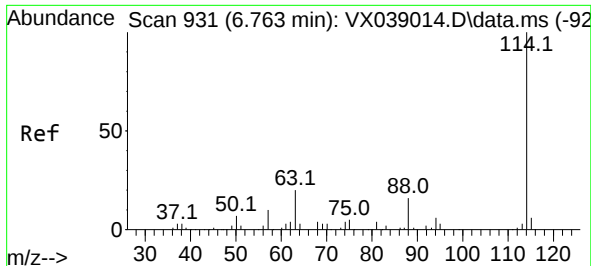
Tgt Ion:128 Resp: 9433
Ion Ratio Lower Upper
128 100
49 193.9 0.0 444.0
130 132.2 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 34.911 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039024.D
Acq: 24 Nov 2023 15:09

Tgt Ion: 65 Resp: 45052
Ion Ratio Lower Upper
65 100
67 50.8 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX039024.D

Acq: 24 Nov 2023 15:09

Instrument :

MSVOA_X

ClientSampleId :

VX1124WBL01

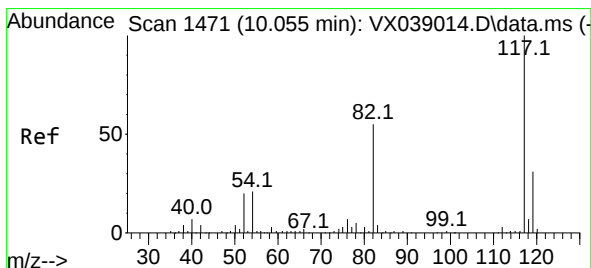
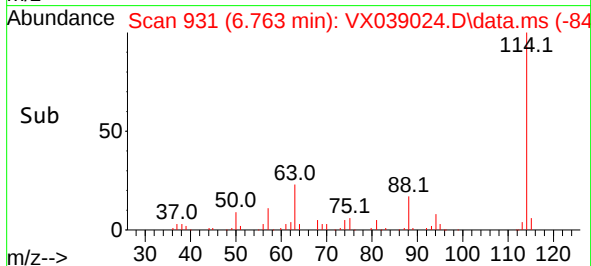
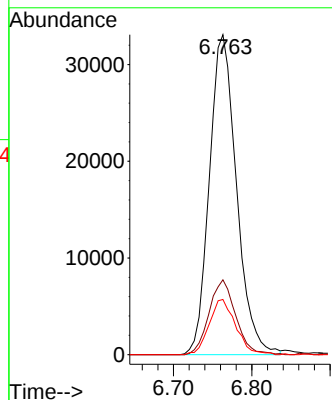
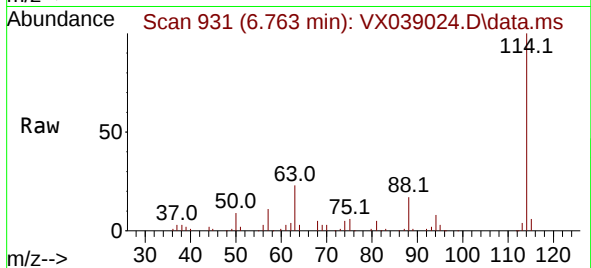
Tgt Ion:114 Resp: 79671

Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.4

88 16.9 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039024.D

Acq: 24 Nov 2023 15:09

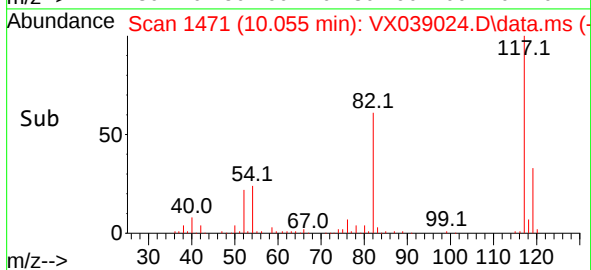
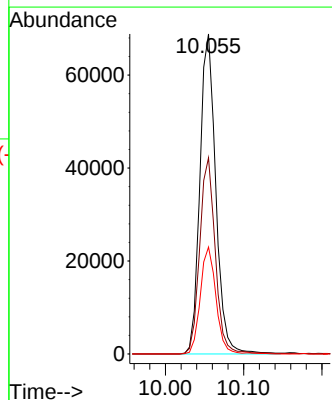
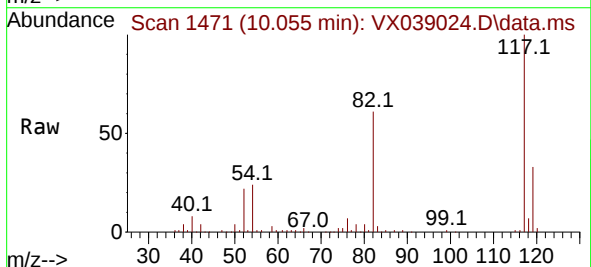
Tgt Ion:117 Resp: 97374

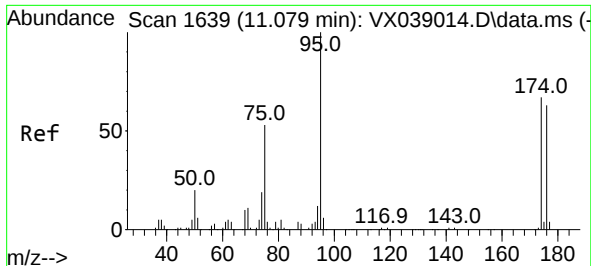
Ion Ratio Lower Upper

117 100

82 59.8 47.0 70.6

119 32.4 25.2 37.8

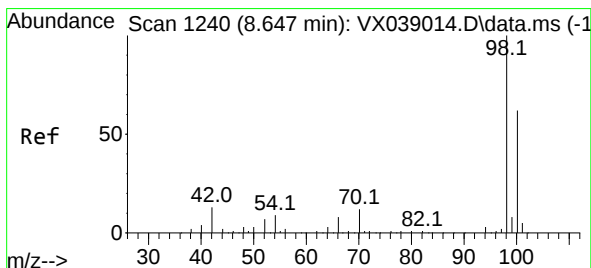
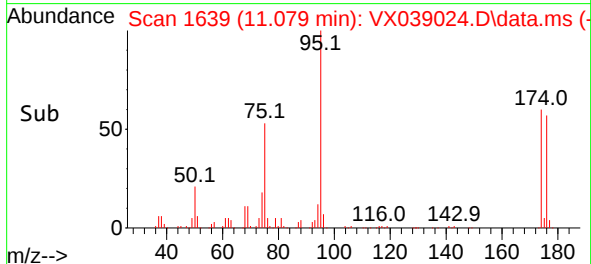
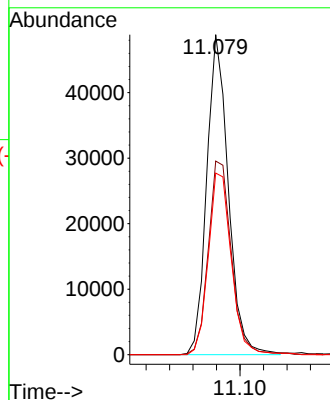
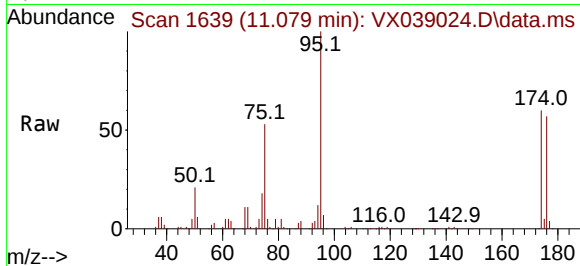




#60
4-Bromofluorobenzene
Concen: 29.252 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039024.D
Acq: 24 Nov 2023 15:09

Instrument :
MSVOA_X
ClientSampleId :
VX1124WBL01

Tgt Ion: 95 Resp: 62214
Ion Ratio Lower Upper
95 100
174 64.5 55.4 83.2
176 60.5 52.6 78.8



#63
Toluene-d8
Concen: 30.903 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039024.D
Acq: 24 Nov 2023 15:09

Tgt Ion: 98 Resp: 118973
Ion Ratio Lower Upper
98 100
100 63.8 51.0 76.4

