

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039099.D
 Acq On : 08 Dec 2023 12:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 08 23:47:11 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	4.903	128	10333	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	84812	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103115	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44527	31.499	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.000%
60) 4-Bromofluorobenzene	11.079	95	66109	29.353	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.833%
63) Toluene-d8	8.646	98	122332	30.007	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.033%

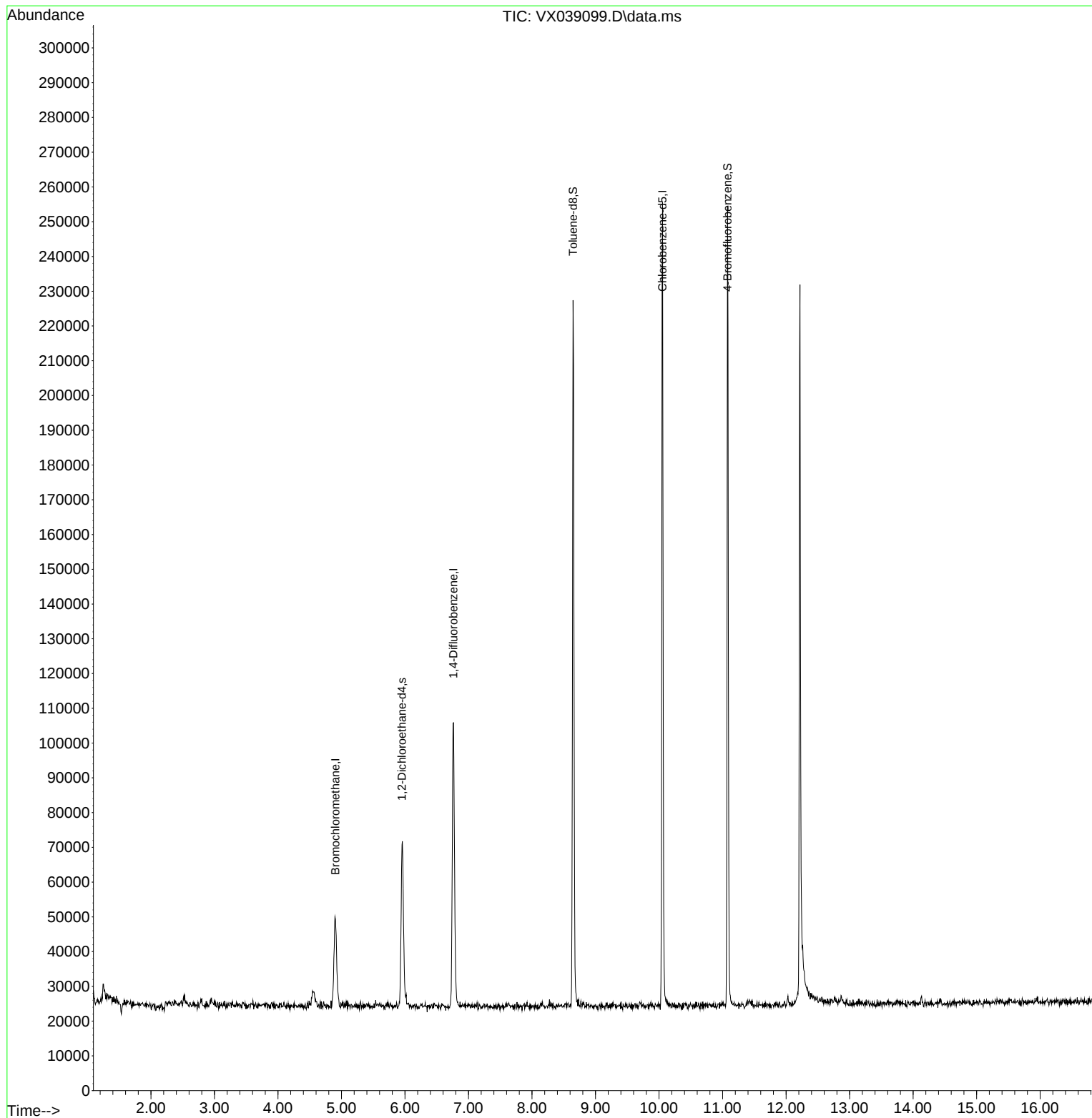
Target Compounds	Qvalue

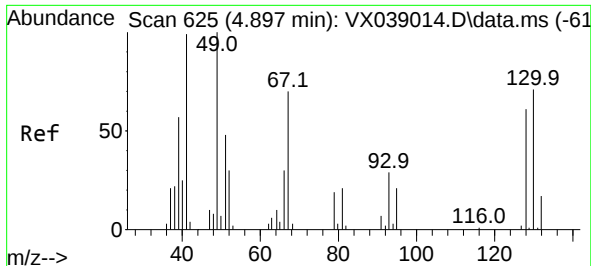
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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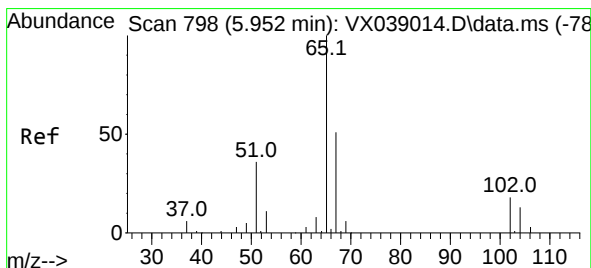
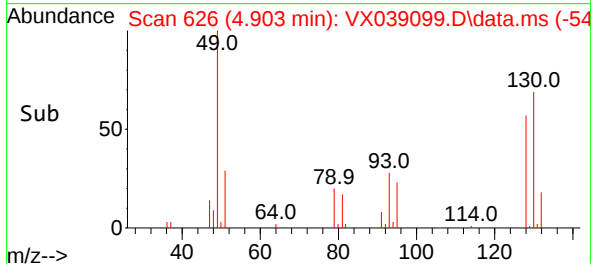
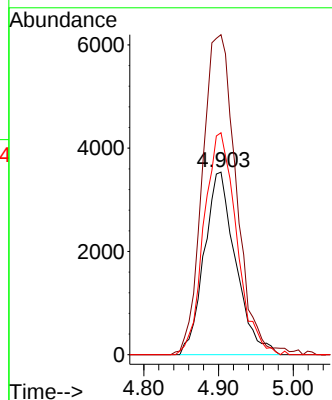
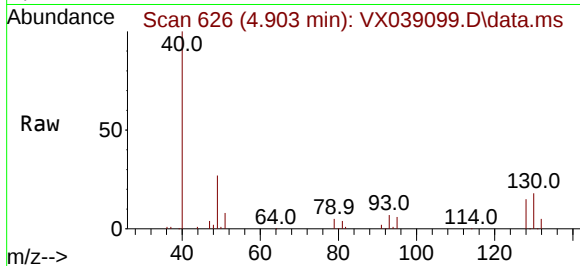




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039099.D
Acq: 08 Dec 2023 12:28

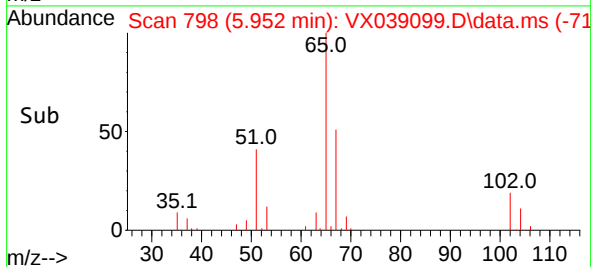
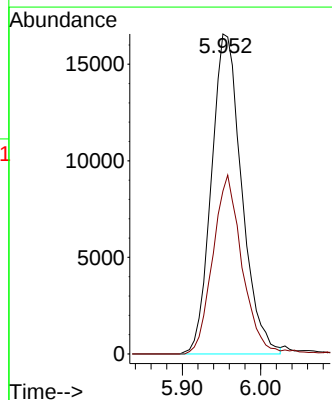
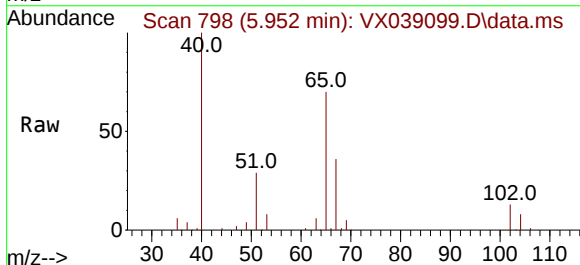
Instrument :
MSVOA_X
ClientSampleId :
IBLK

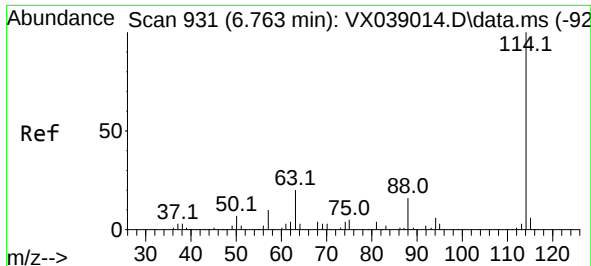
Tgt Ion:128 Resp: 10333
Ion Ratio Lower Upper
128 100
49 187.1 0.0 444.0
130 126.1 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 31.499 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039099.D
Acq: 08 Dec 2023 12:28

Tgt Ion: 65 Resp: 44527
Ion Ratio Lower Upper
65 100
67 53.5 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: VX039099.D

Acq: 08 Dec 2023 12:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

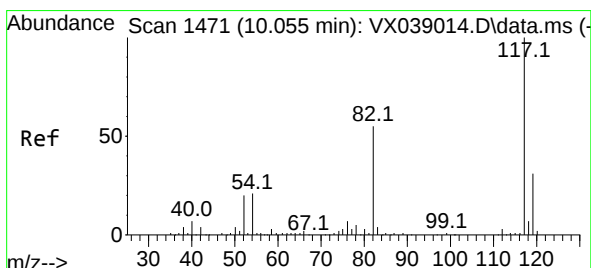
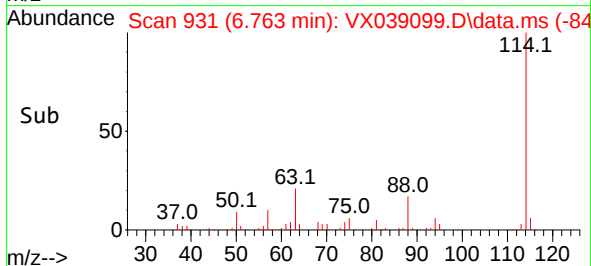
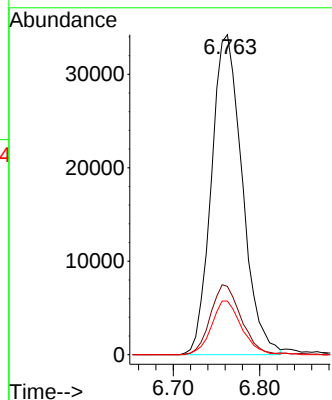
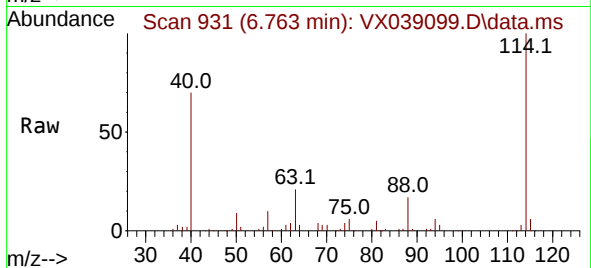
Tgt Ion:114 Resp: 84812

Ion Ratio Lower Upper

114 100

63 21.5 17.0 25.4

88 16.3 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: VX039099.D

Acq: 08 Dec 2023 12:28

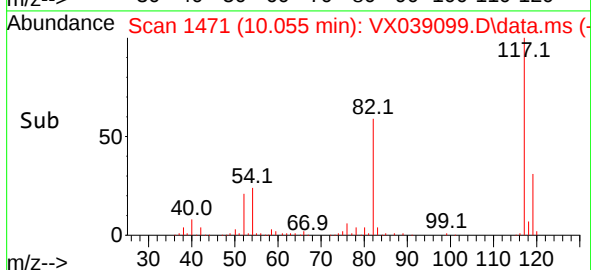
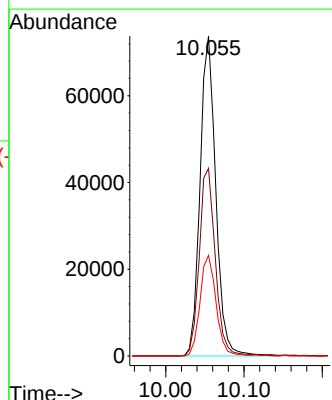
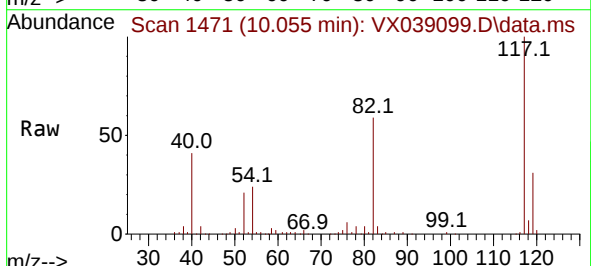
Tgt Ion:117 Resp: 103115

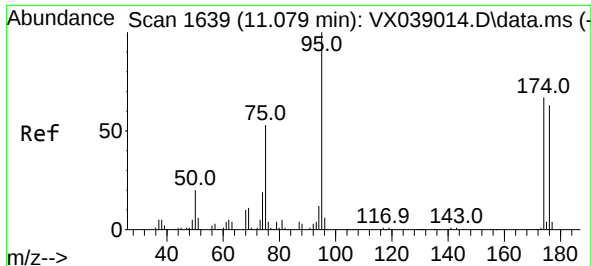
Ion Ratio Lower Upper

117 100

82 60.0 47.0 70.6

119 32.0 25.2 37.8

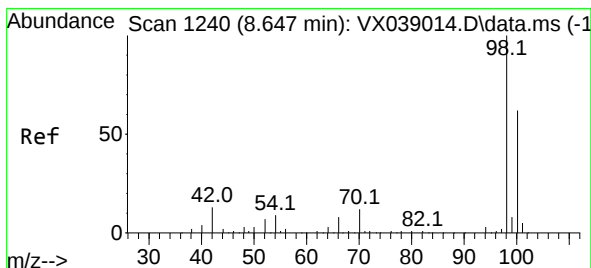
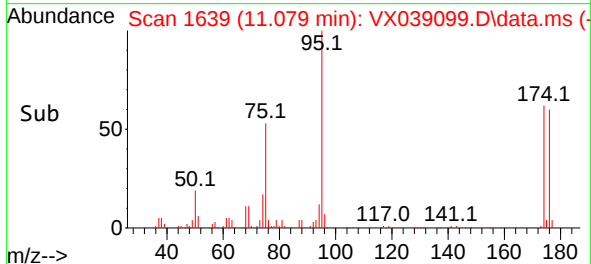
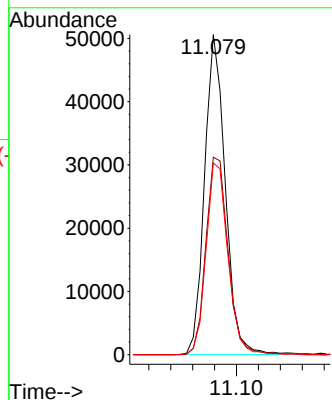
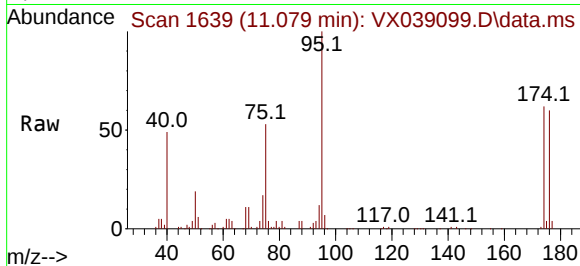




#60
4-Bromofluorobenzene
Concen: 29.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039099.D
Acq: 08 Dec 2023 12:28

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 66109
Ion Ratio Lower Upper
95 100
174 66.6 55.4 83.2
176 63.2 52.6 78.8



#63
Toluene-d8
Concen: 30.007 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039099.D
Acq: 08 Dec 2023 12:28

Tgt Ion: 98 Resp: 122332
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

