

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112823\
 Data File : VX039047.D
 Acq On : 28 Nov 2023 11:13
 Operator : JC/MD
 Sample : VX1128WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1128WBL01

Quant Time: Nov 29 01:28:54 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	4.904	128	9741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	75633	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	93644	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	42268	31.718	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.733%
60) 4-Bromofluorobenzene	11.079	95	58151	28.431	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.767%
63) Toluene-d8	8.647	98	113278	30.596	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%

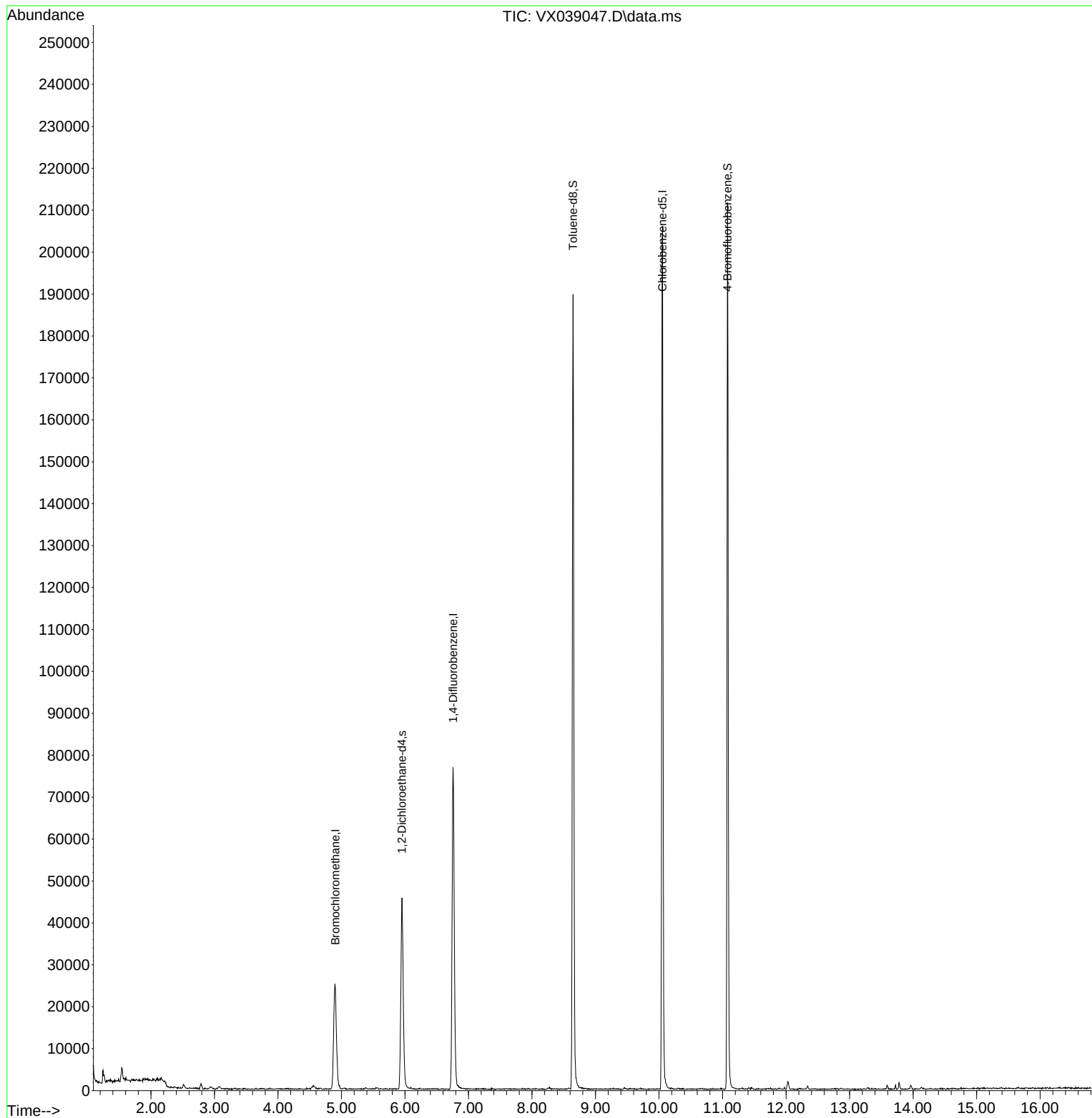
Target Compounds	Qvalue

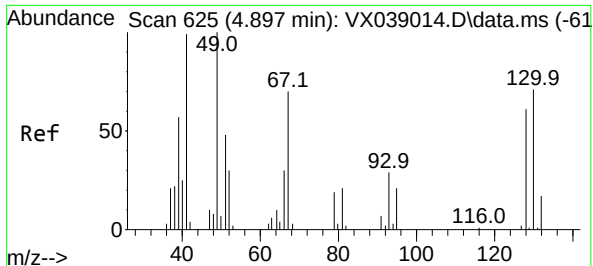
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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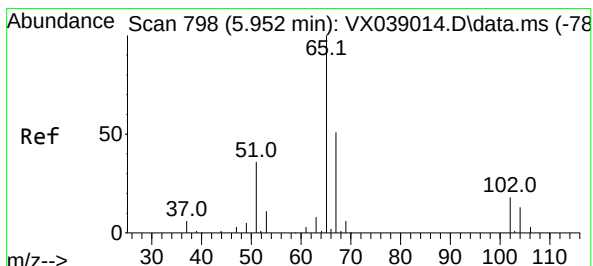
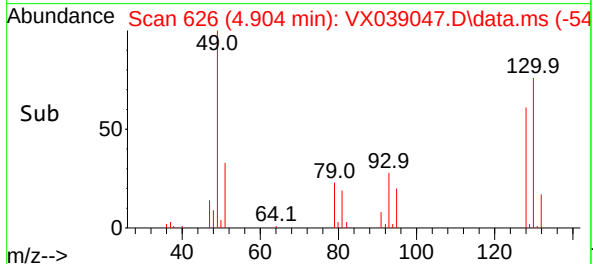
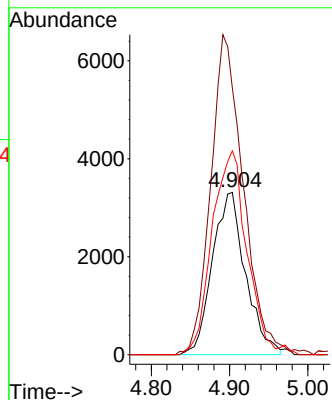
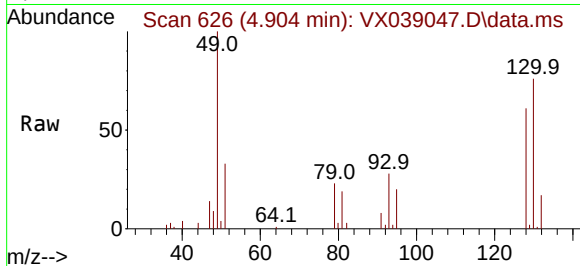




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039047.D
Acq: 28 Nov 2023 11:13

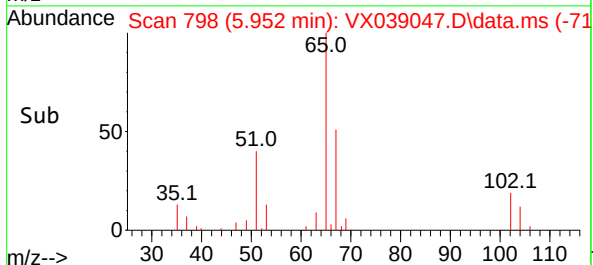
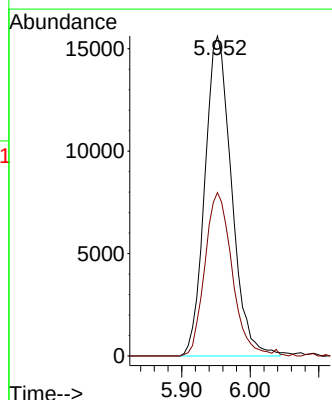
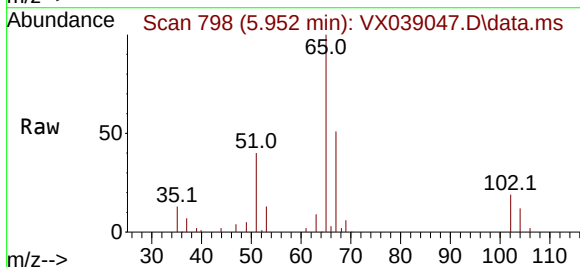
Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL01

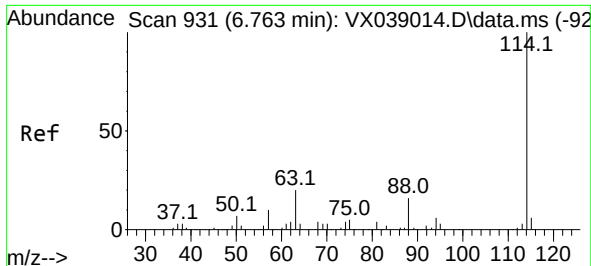
Tgt Ion:128 Resp: 9741
Ion Ratio Lower Upper
128 100
49 193.1 0.0 444.0
130 131.1 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 31.718 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039047.D
Acq: 28 Nov 2023 11:13

Tgt Ion: 65 Resp: 42268
Ion Ratio Lower Upper
65 100
67 52.0 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX039047.D

Acq: 28 Nov 2023 11:13

Instrument :

MSVOA_X

ClientSampleId :

VX1128WBL01

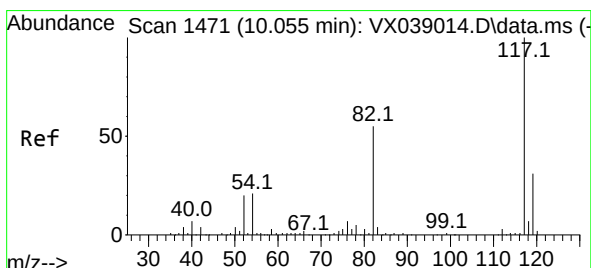
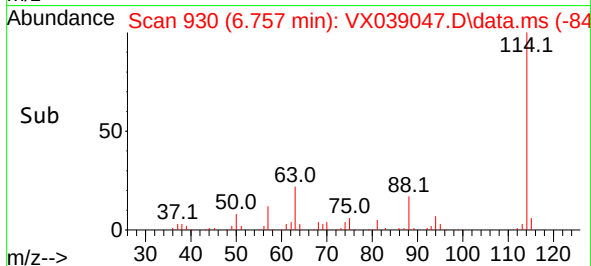
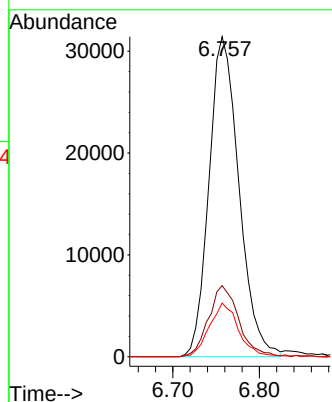
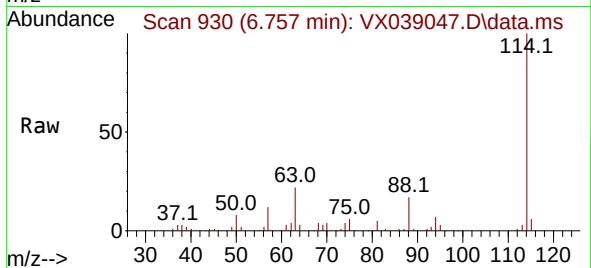
Tgt Ion:114 Resp: 75633

Ion Ratio Lower Upper

114 100

63 22.2 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: VX039047.D

Acq: 28 Nov 2023 11:13

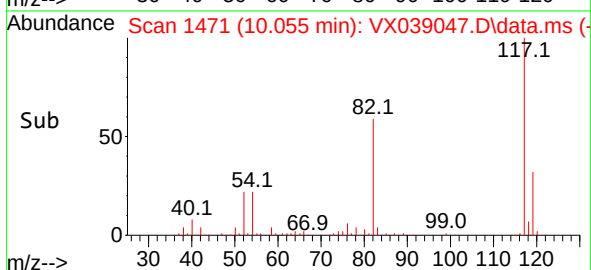
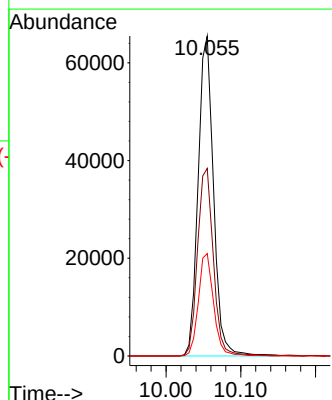
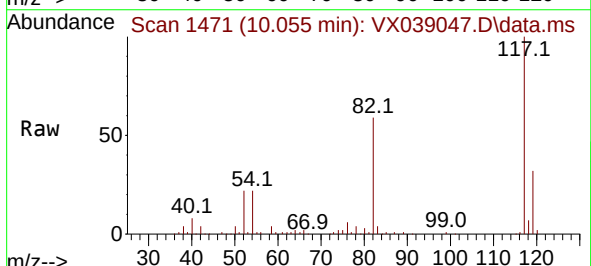
Tgt Ion:117 Resp: 93644

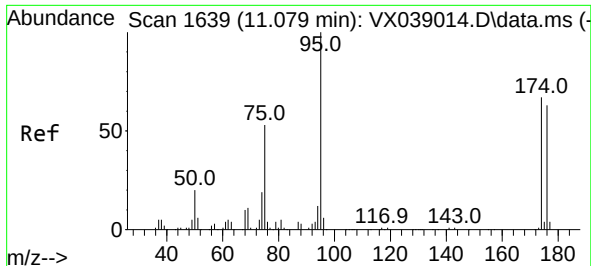
Ion Ratio Lower Upper

117 100

82 60.3 47.0 70.6

119 31.6 25.2 37.8

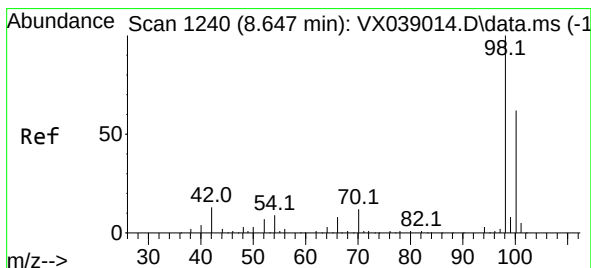
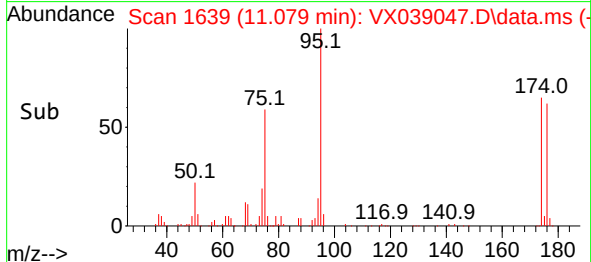
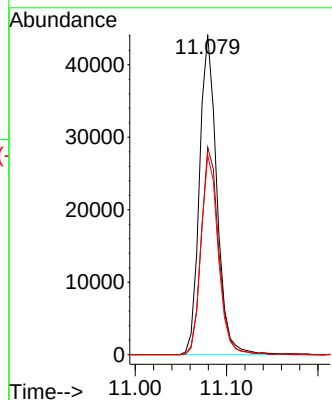
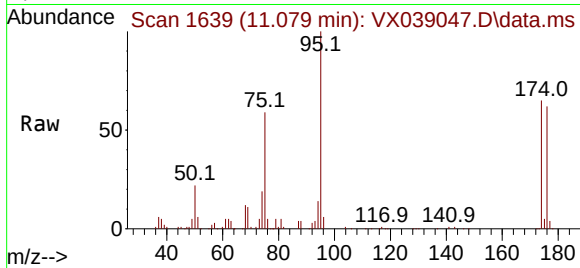




#60
4-Bromofluorobenzene
Concen: 28.431 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039047.D
Acq: 28 Nov 2023 11:13

Instrument :
MSVOA_X
ClientSampleId :
VX1128WBL01

Tgt Ion: 95 Resp: 58151
Ion Ratio Lower Upper
95 100
174 64.9 55.4 83.2
176 62.2 52.6 78.8



#63
Toluene-d8
Concen: 30.596 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039047.D
Acq: 28 Nov 2023 11:13

Tgt Ion: 98 Resp: 113278
Ion Ratio Lower Upper
98 100
100 63.2 51.0 76.4

