

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100523\
 Data File : VX038111.D
 Acq On : 05 Oct 2023 20:23
 Operator : JC/MD
 Sample : VX1005WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBL02

Quant Time: Oct 06 06:34:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	23303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	132238	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124051	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	58663	34.923	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	116.400%#
60) 4-Bromofluorobenzene	11.079	95	57386	28.377	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.600%
63) Toluene-d8	8.647	98	163919	30.610	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.033%

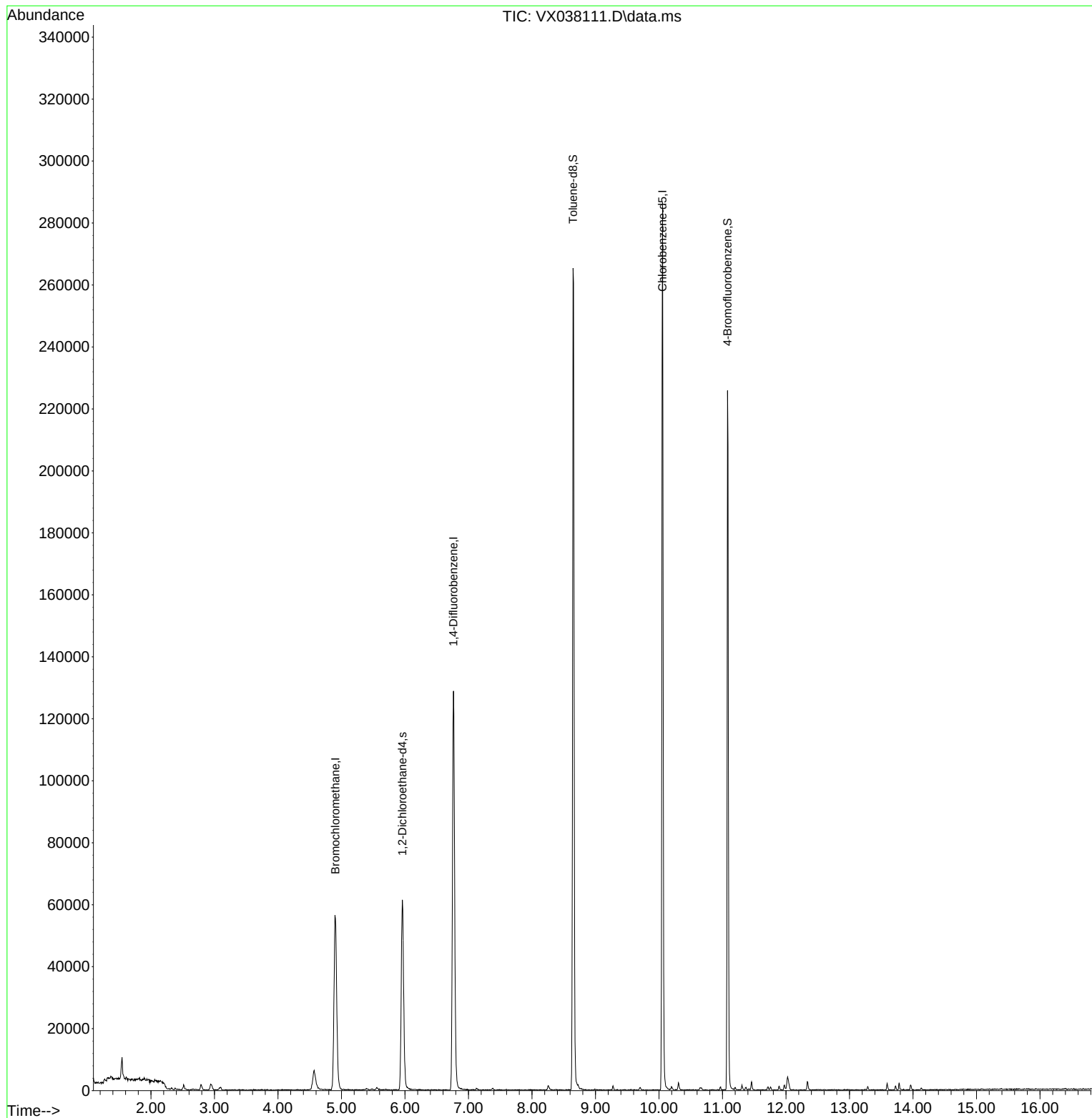
Target Compounds	Qvalue

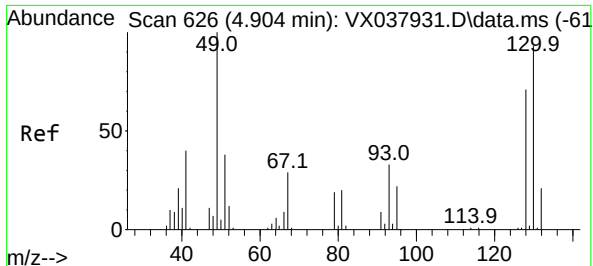
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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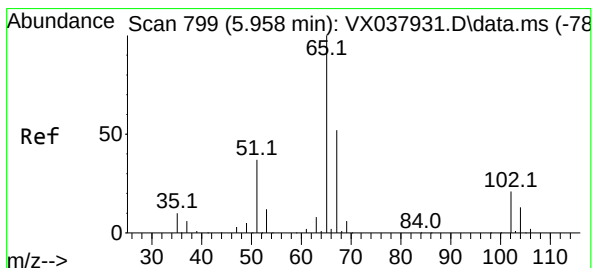
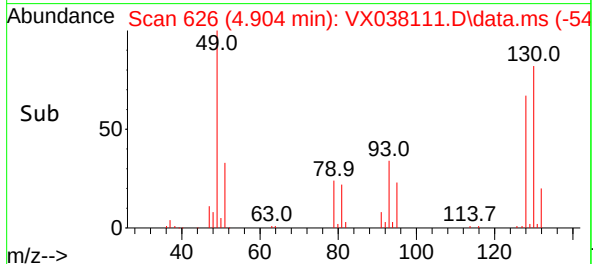
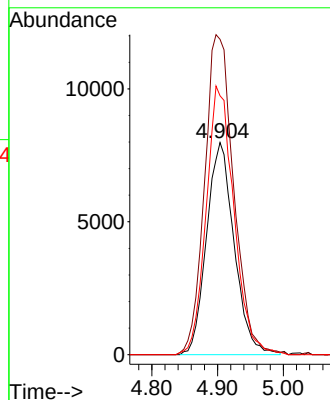
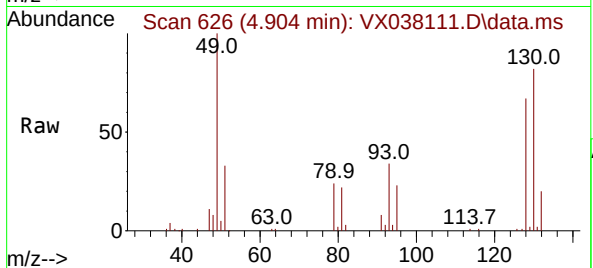




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX038111.D
Acq: 05 Oct 2023 20:23

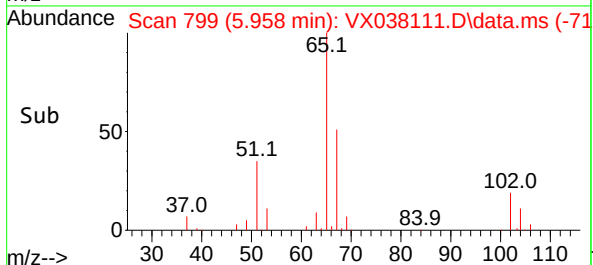
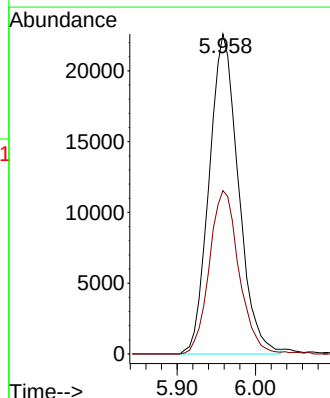
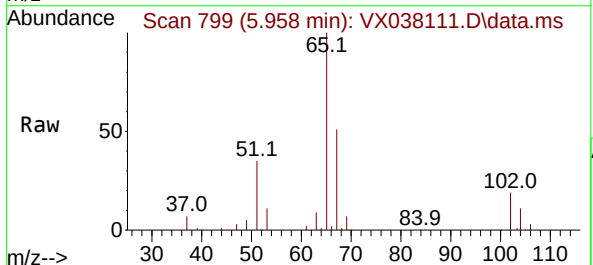
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

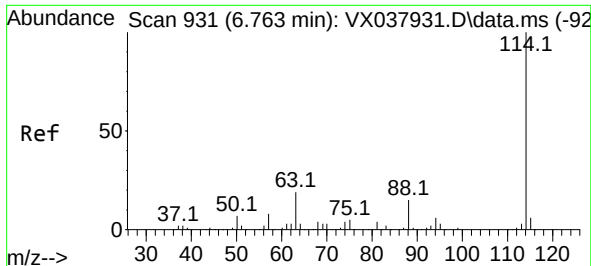
Tgt Ion:128 Resp: 23303
Ion Ratio Lower Upper
128 100
49 159.1 0.0 406.3
130 127.3 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 34.923 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038111.D
Acq: 05 Oct 2023 20:23

Tgt Ion: 65 Resp: 58663
Ion Ratio Lower Upper
65 100
67 51.6 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 911

Delta R.T. 0.000 min

Lab File: VX038111.D

Acq: 05 Oct 2023 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBL02

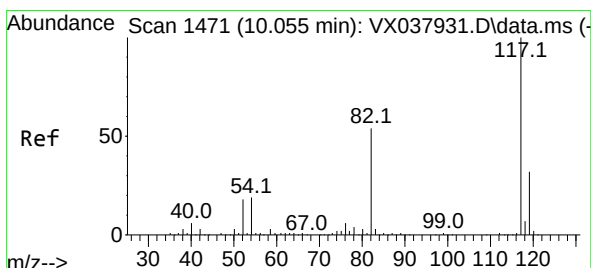
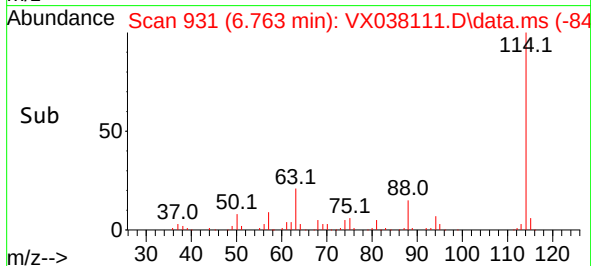
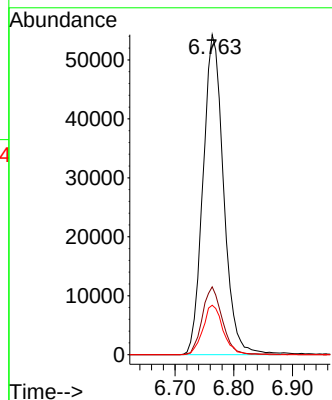
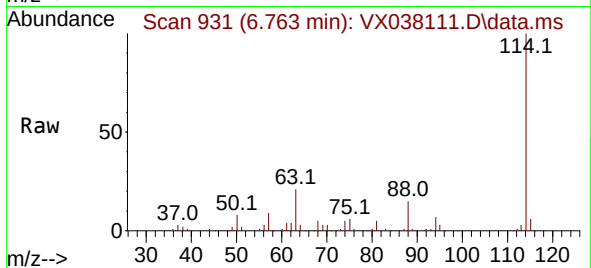
Tgt Ion:114 Resp: 132238

Ion Ratio Lower Upper

114 100

63 20.4 16.6 24.8

88 15.1 12.9 19.3



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX038111.D

Acq: 05 Oct 2023 20:23

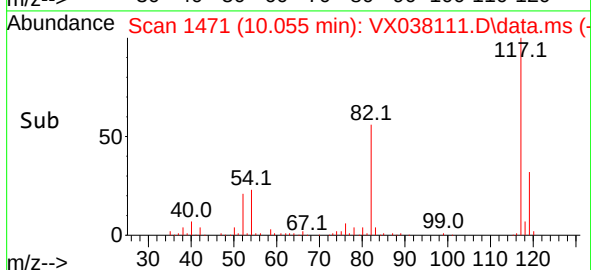
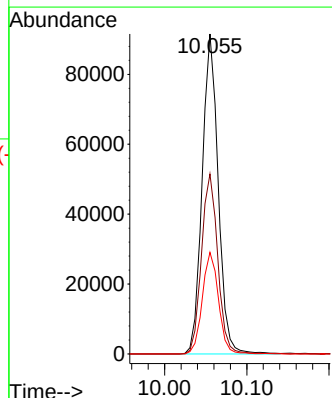
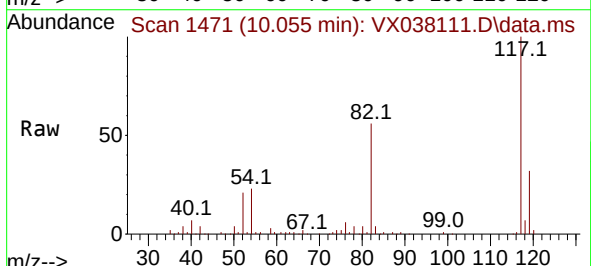
Tgt Ion:117 Resp: 124051

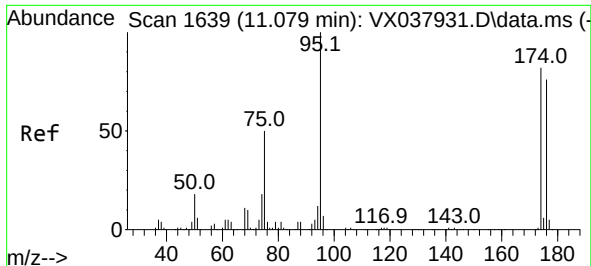
Ion Ratio Lower Upper

117 100

82 57.0 44.7 67.1

119 32.0 25.6 38.4

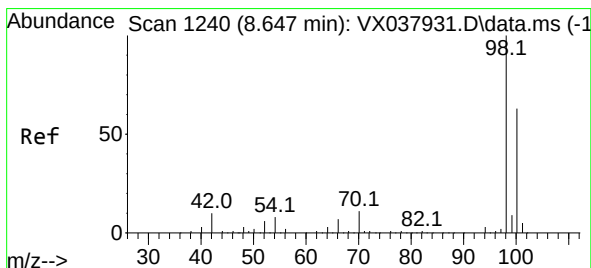
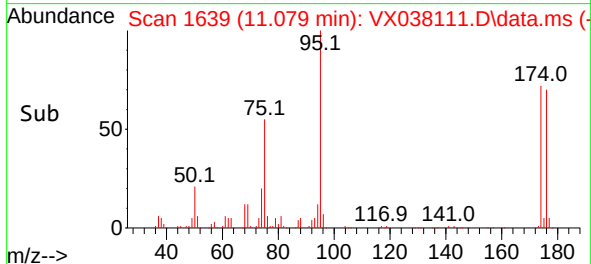
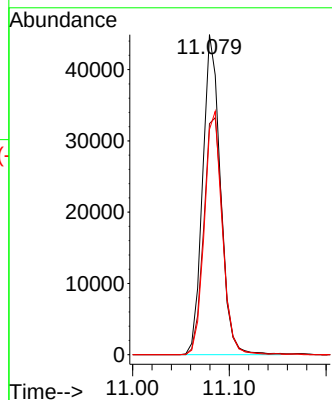
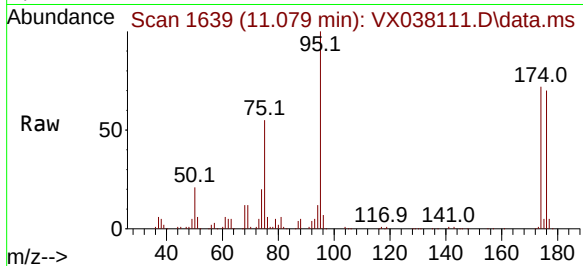




#60
4-Bromofluorobenzene
Concen: 28.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038111.D
Acq: 05 Oct 2023 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBL02

Tgt Ion: 95 Resp: 57386
Ion Ratio Lower Upper
95 100
174 79.1 60.5 90.7
176 76.4 58.2 87.4



#63
Toluene-d8
Concen: 30.610 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038111.D
Acq: 05 Oct 2023 20:23

Tgt Ion: 98 Resp: 163919
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

