

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037942.D
 Acq On : 28 Sep 2023 11:20
 Operator : JC/MD
 Sample : VX0928WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBL01

Quant Time: Sep 29 04:23:45 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	45098	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	257590	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	240505	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	98465	30.289	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.967%
60) 4-Bromofluorobenzene	11.079	95	111341	28.399	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.667%
63) Toluene-d8	8.647	98	311003	29.955	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%

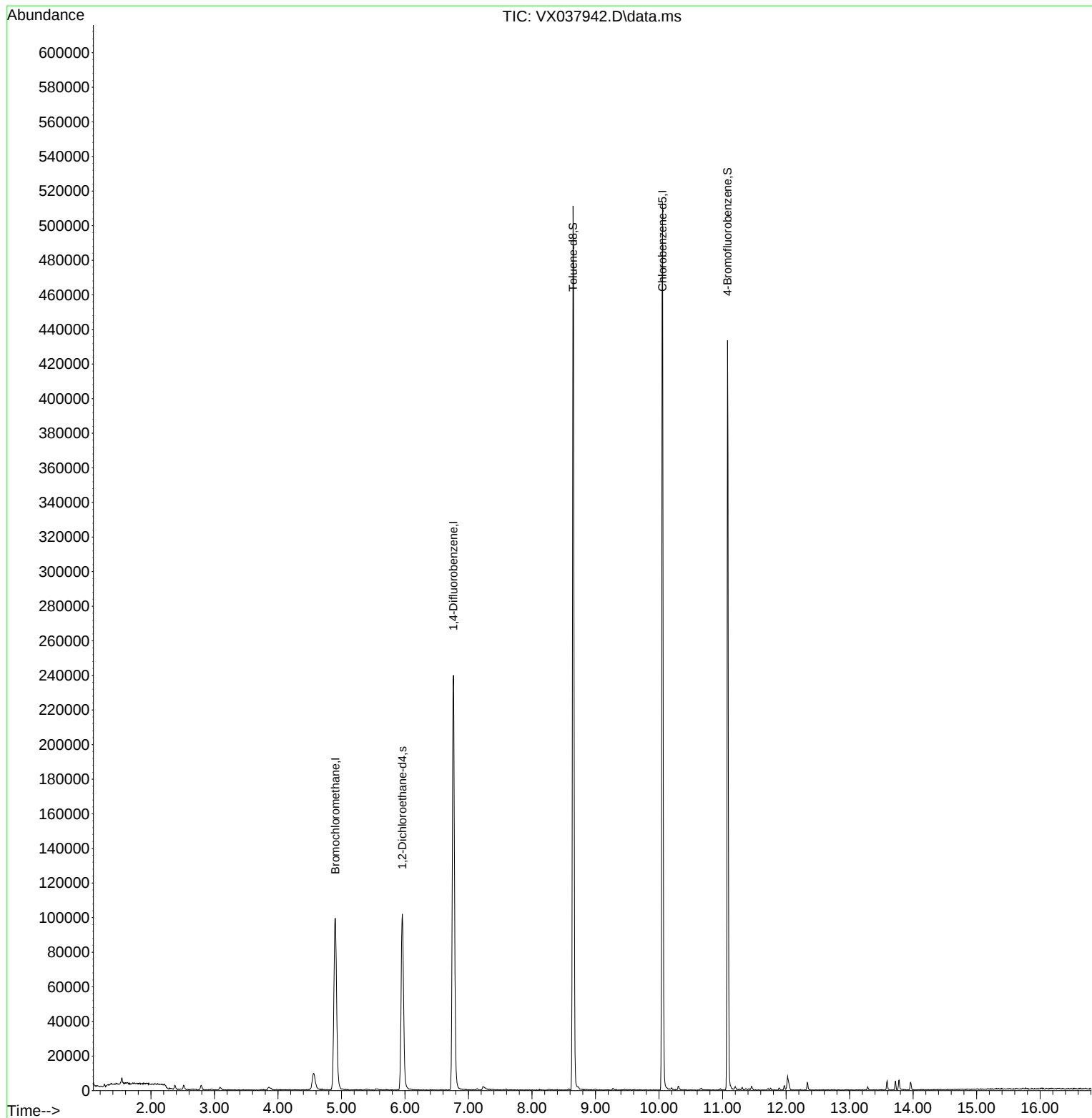
Target Compounds	Qvalue

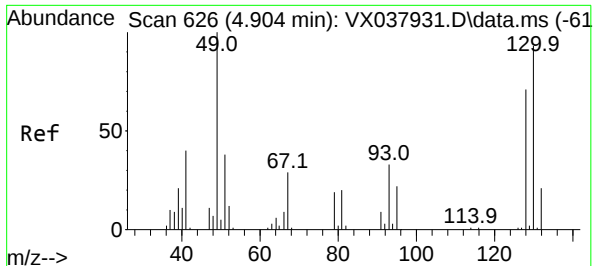
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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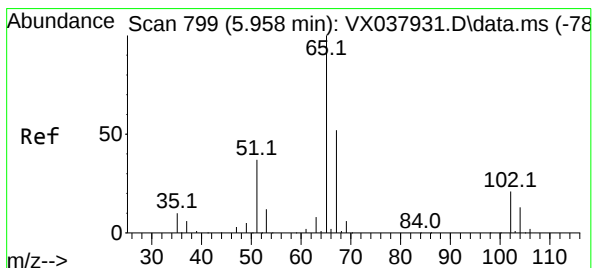
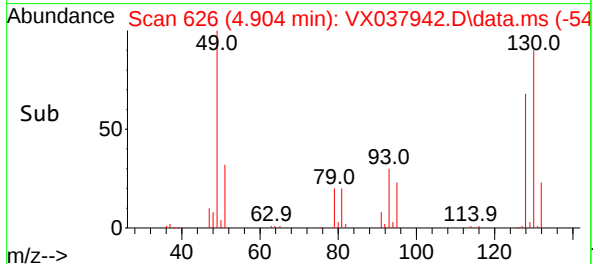
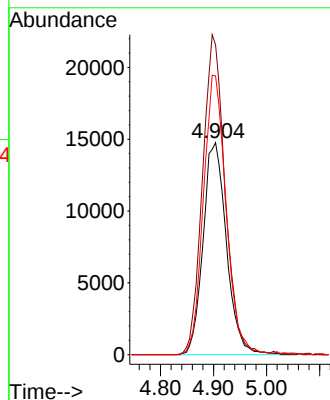
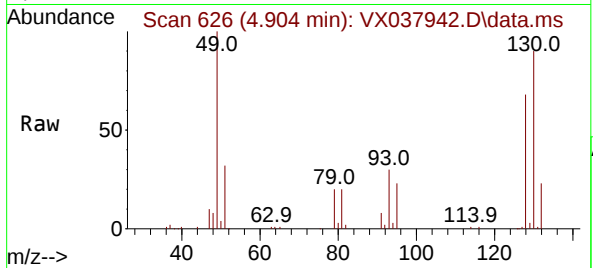




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX037942.D
Acq: 28 Sep 2023 11:20

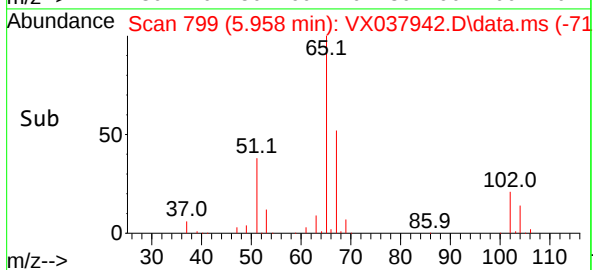
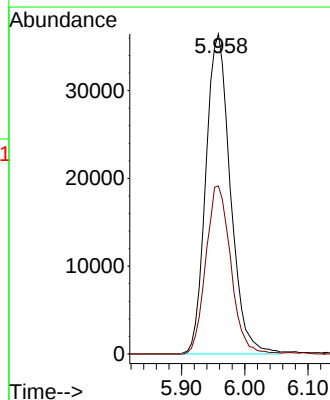
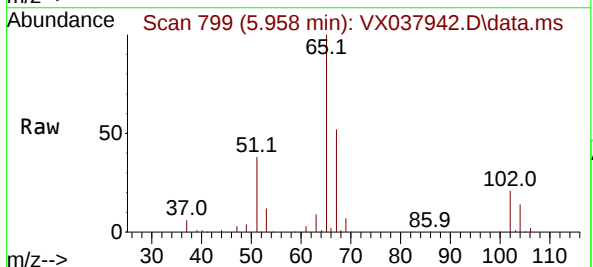
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

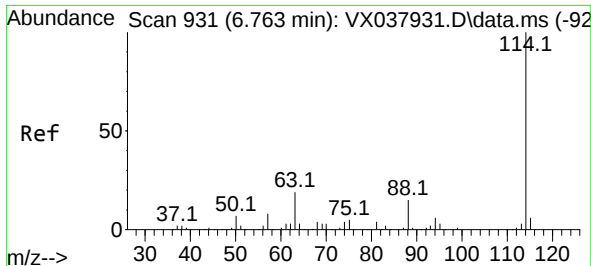
Tgt Ion:128 Resp: 45098
Ion Ratio Lower Upper
128 100
49 145.7 0.0 406.3
130 128.6 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 30.289 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037942.D
Acq: 28 Sep 2023 11:20

Tgt Ion: 65 Resp: 98465
Ion Ratio Lower Upper
65 100
67 53.1 42.1 63.1





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX037942.D

Acq: 28 Sep 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0928WBL01

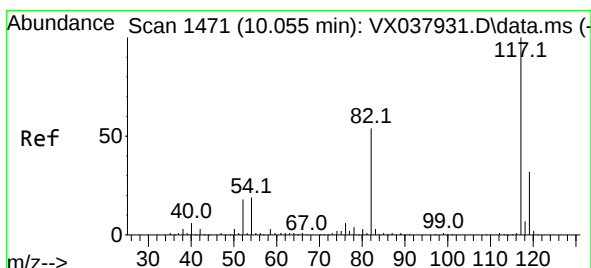
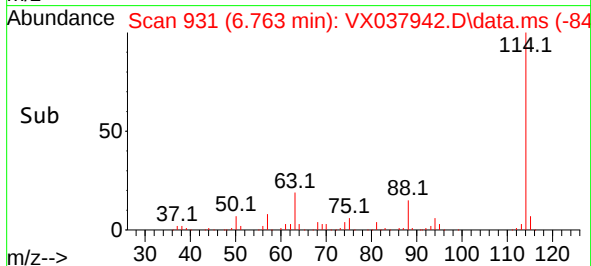
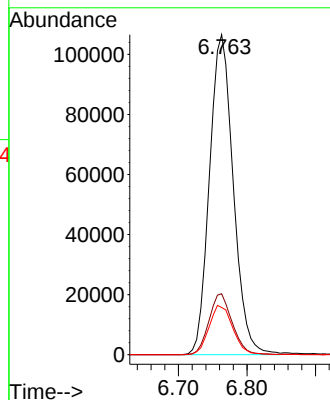
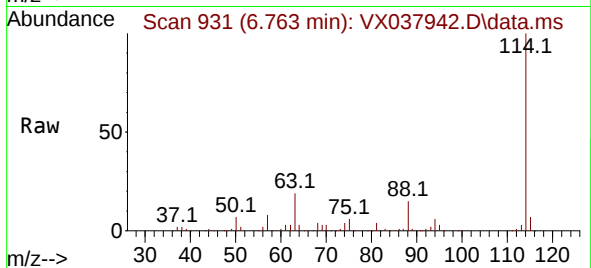
Tgt Ion:114 Resp: 257590

Ion Ratio Lower Upper

114 100

63 18.6 16.6 24.8

88 15.4 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: VX037942.D

Acq: 28 Sep 2023 11:20

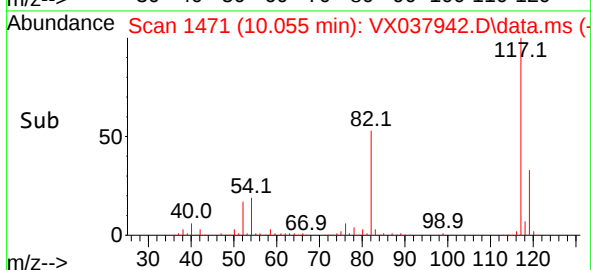
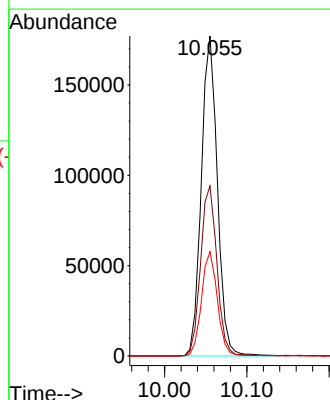
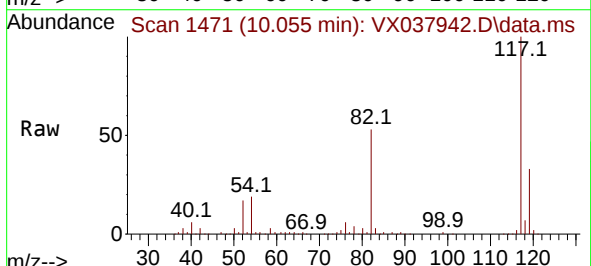
Tgt Ion:117 Resp: 240505

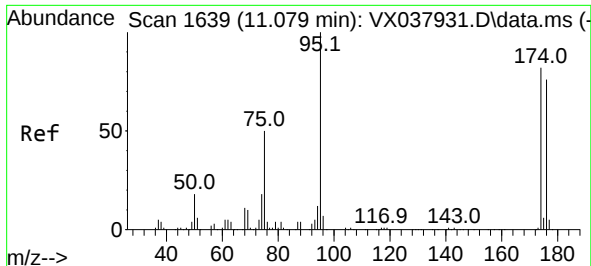
Ion Ratio Lower Upper

117 100

82 53.9 44.7 67.1

119 32.3 25.6 38.4

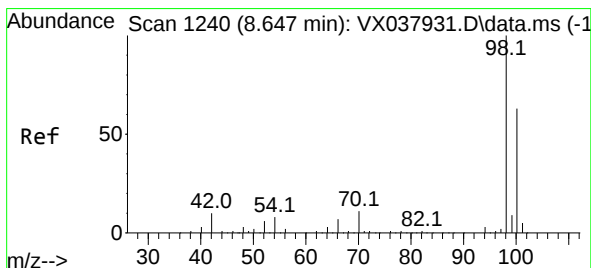
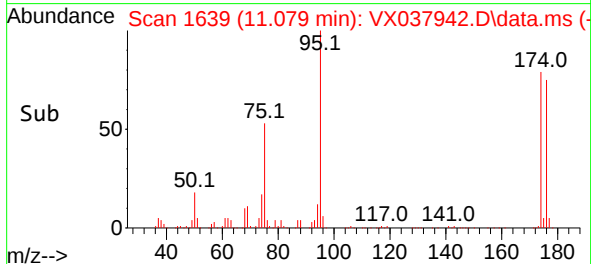
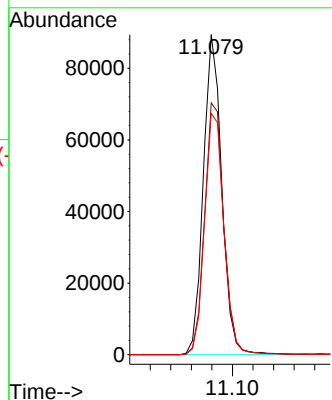
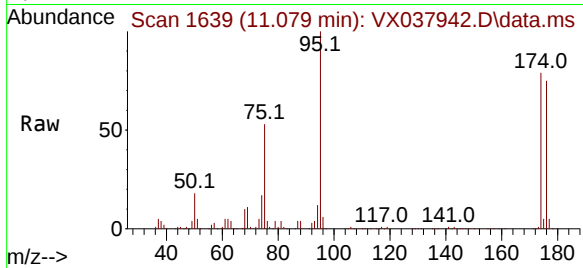




#60
4-Bromofluorobenzene
Concen: 28.399 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037942.D
Acq: 28 Sep 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL01

Tgt Ion: 95 Resp: 111341
Ion Ratio Lower Upper
95 100
174 82.2 60.5 90.7
176 79.3 58.2 87.4



#63
Toluene-d8
Concen: 29.955 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037942.D
Acq: 28 Sep 2023 11:20

Tgt Ion: 98 Resp: 311003
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

