

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037950.D
 Acq On : 28 Sep 2023 15:00
 Operator : JC/MD
 Sample : 04661-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-054-IDWGW-20230927

Quant Time: Sep 29 04:27:29 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	4.903	128	41922	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	236348	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	221557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	93473	30.932	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.100%
60) 4-Bromofluorobenzene	11.079	95	101273	28.040	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.467%
63) Toluene-d8	8.653	98	286508	29.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%

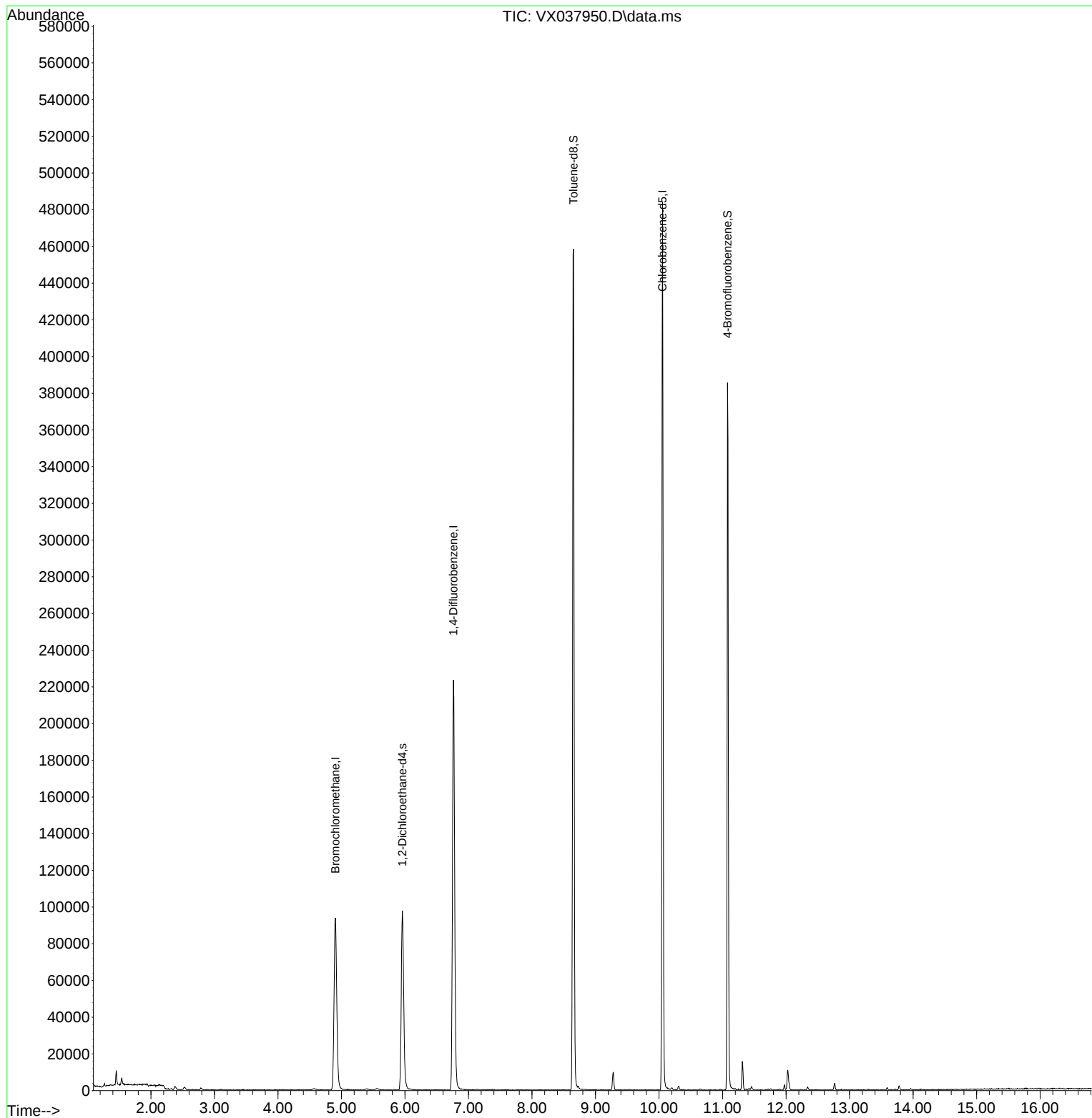
Target Compounds	Qvalue

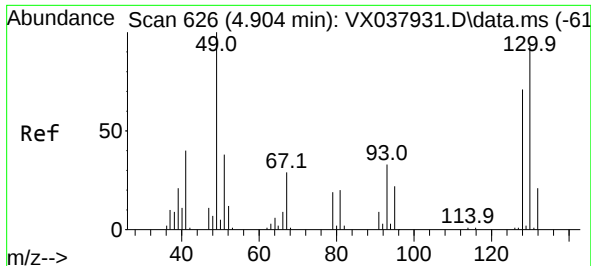
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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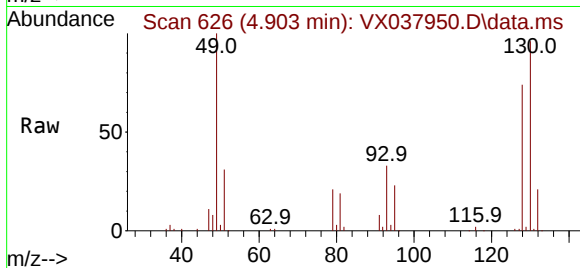
Quant Time: Sep 29 04:27:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
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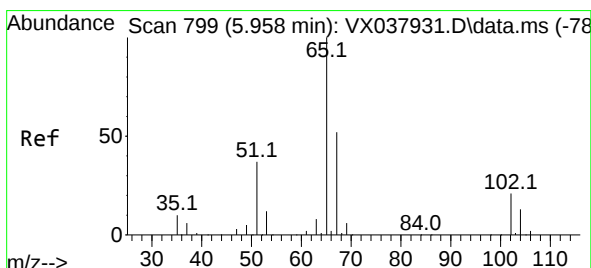
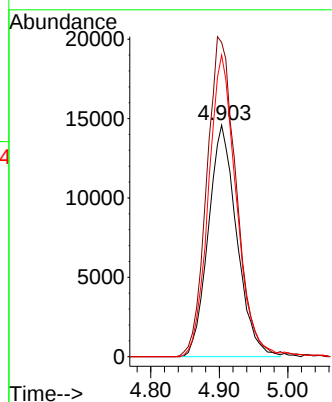
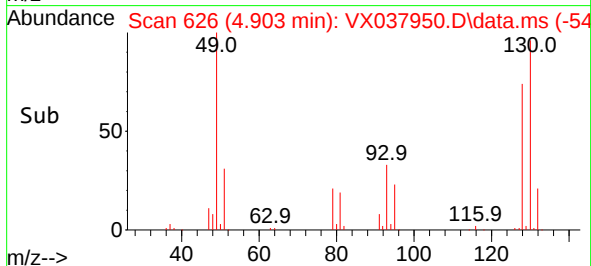
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX037950.D
Acq: 28 Sep 2023 15:00

Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 41922

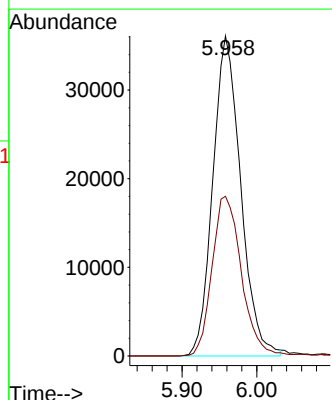
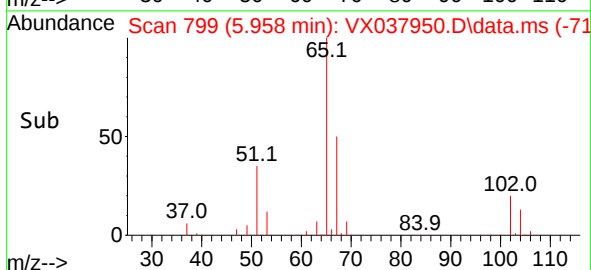
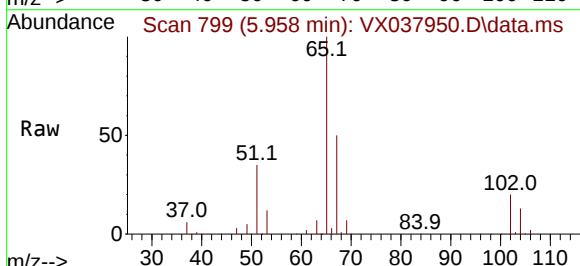
Ion	Ratio	Lower	Upper
128	100		
49	142.4	0.0	406.3
130	127.8	0.0	328.0

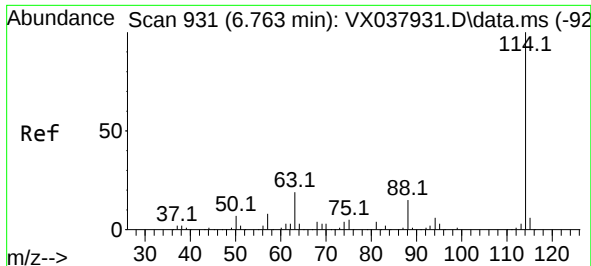


#27
1,2-Dichloroethane-d4
Concen: 30.932 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037950.D
Acq: 28 Sep 2023 15:00

Tgt Ion: 65 Resp: 93473

Ion	Ratio	Lower	Upper
65	100		
67	52.4	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: VX037950.D

Acq: 28 Sep 2023 15:00

Instrument :

MSVOA_X

ClientSampleId :

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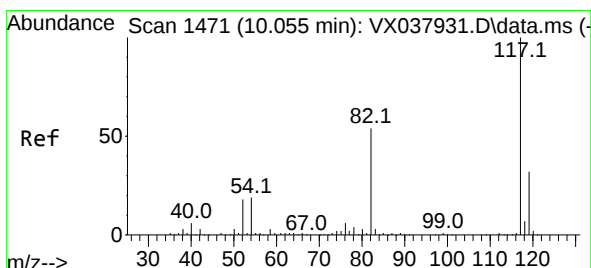
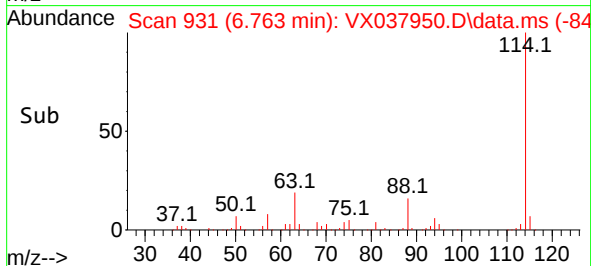
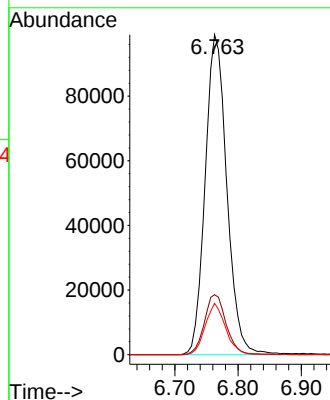
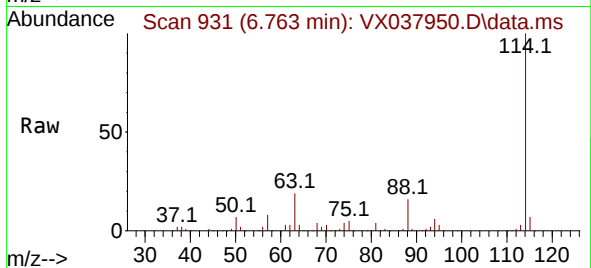
Tgt Ion:114 Resp: 236348

Ion Ratio Lower Upper

114 100

63 18.7 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: VX037950.D

Acq: 28 Sep 2023 15:00

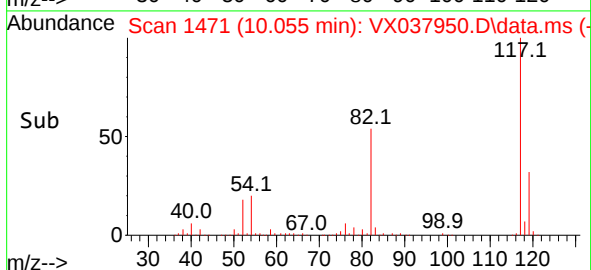
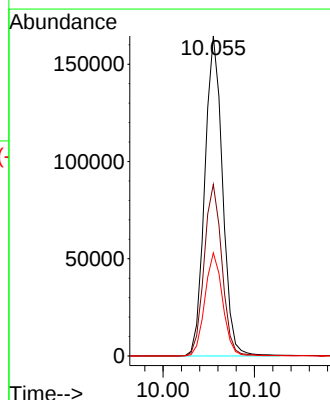
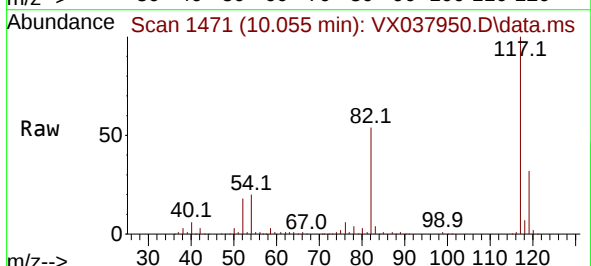
Tgt Ion:117 Resp: 221557

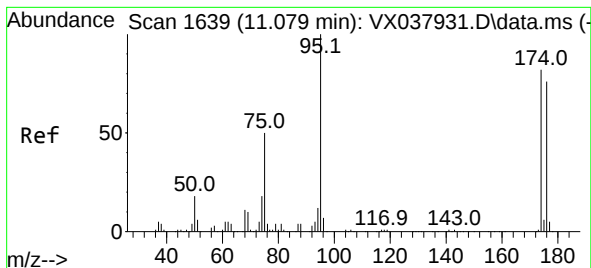
Ion Ratio Lower Upper

117 100

82 53.8 44.7 67.1

119 32.2 25.6 38.4





#60

4-Bromofluorobenzene

Concen: 28.040 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037950.D

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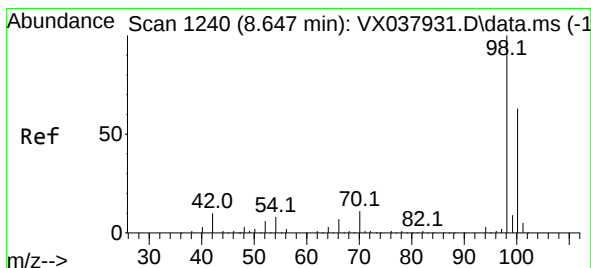
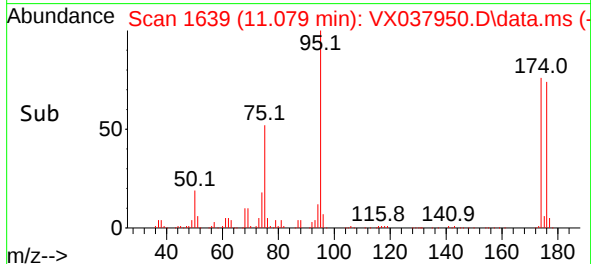
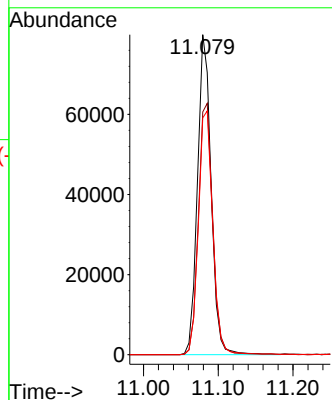
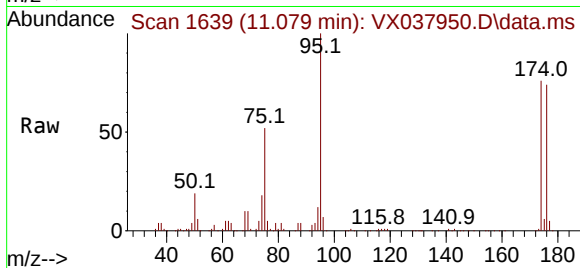
Tgt Ion: 95 Resp: 101273

Ion Ratio Lower Upper

95 100

174 81.9 60.5 90.7

176 80.1 58.2 87.4



#63

Toluene-d8

Concen: 29.956 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX037950.D

Acq: 28 Sep 2023 15:00

Tgt Ion: 98 Resp: 286508

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4

