

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040633.D
 Acq On : 14 Mar 2024 11:06
 Operator : JC/MD
 Sample : VX0314WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL01

Quant Time: Mar 15 05:42:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	15289	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	88714	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81679	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46366	30.364	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.200%
60) 4-Bromofluorobenzene	11.079	95	36574	26.105	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.000%
63) Toluene-d8	8.647	98	100129	27.740	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.467%

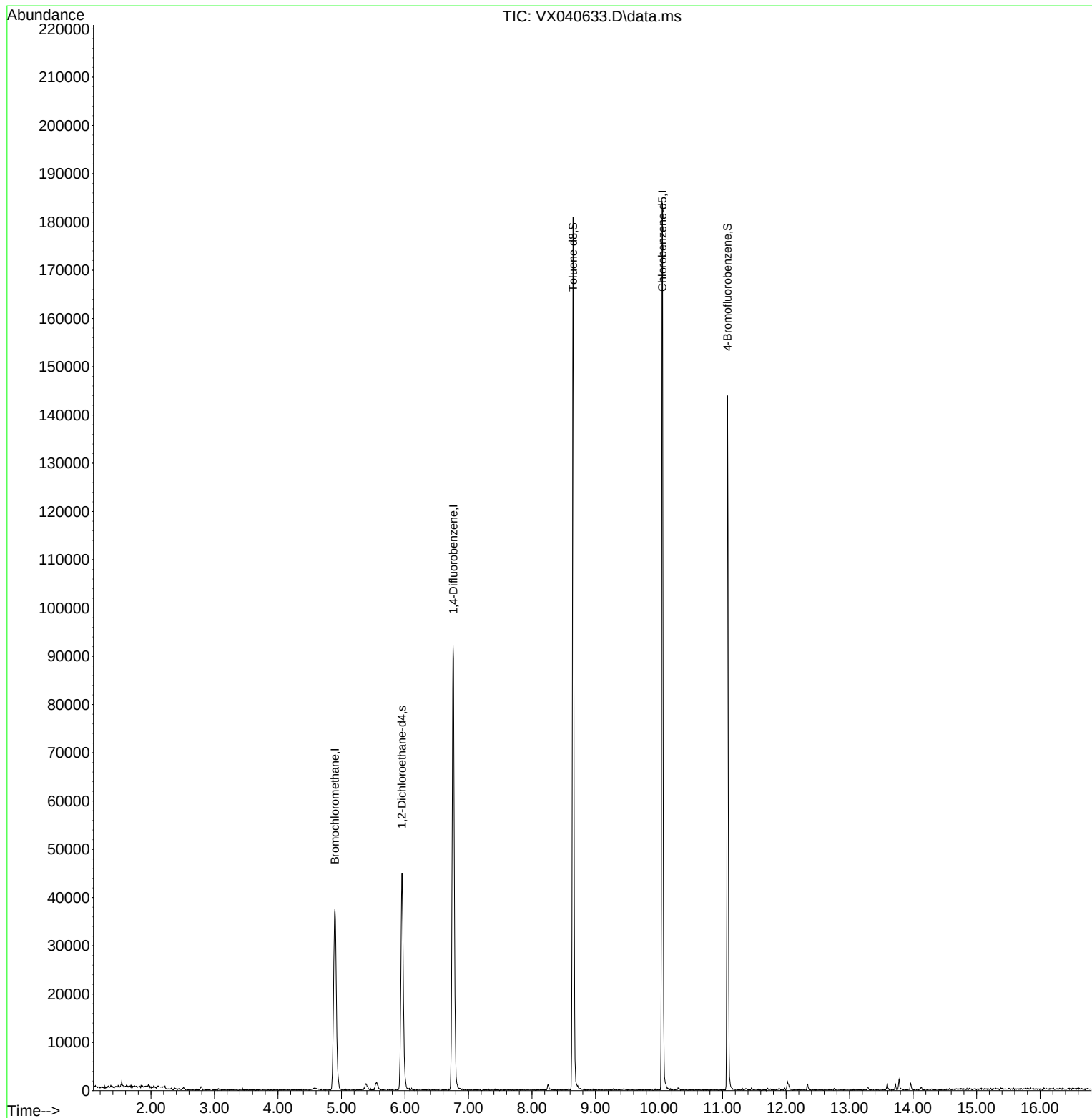
Target Compounds	Qvalue

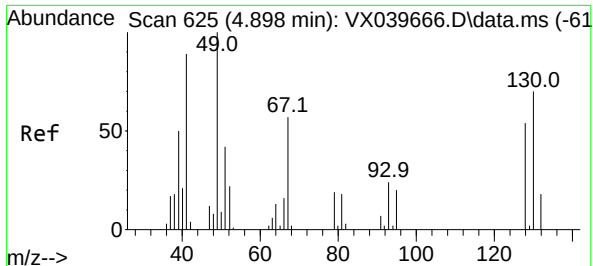
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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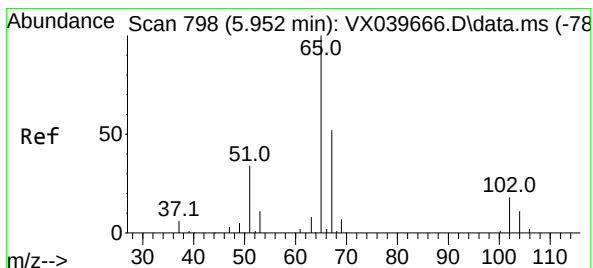
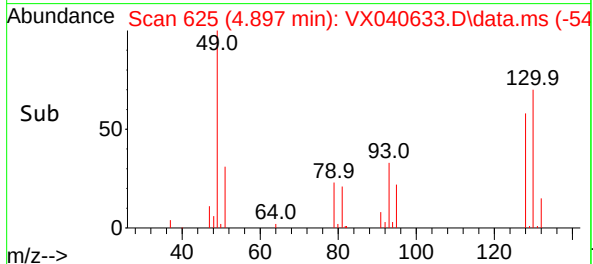
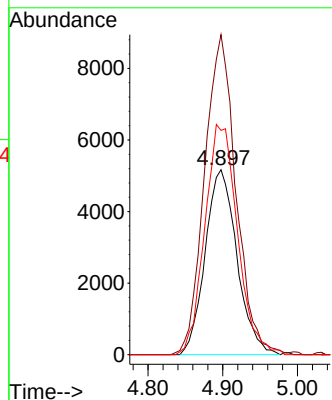
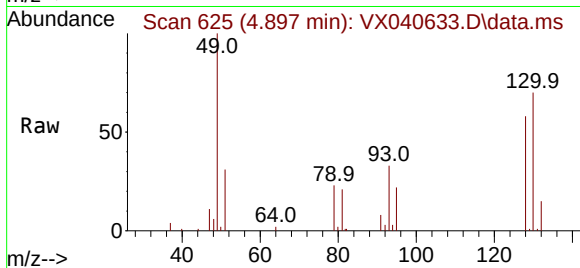




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040633.D
Acq: 14 Mar 2024 11:06

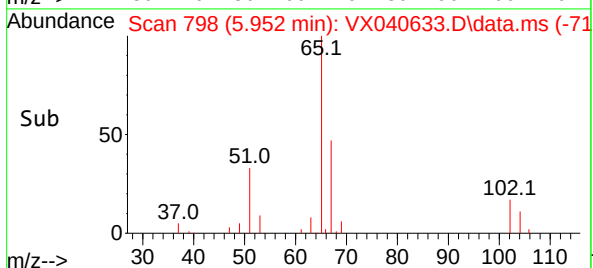
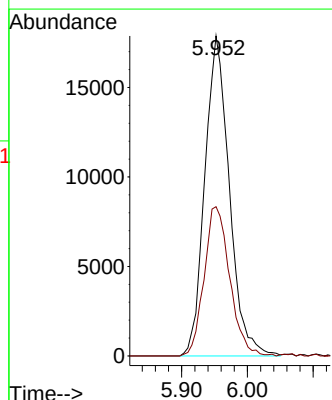
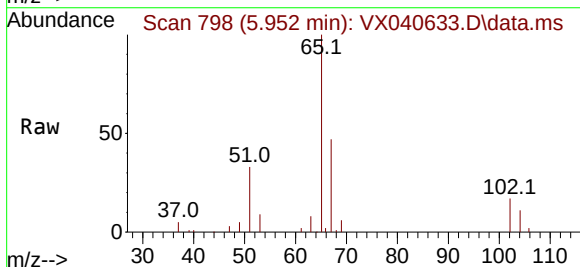
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

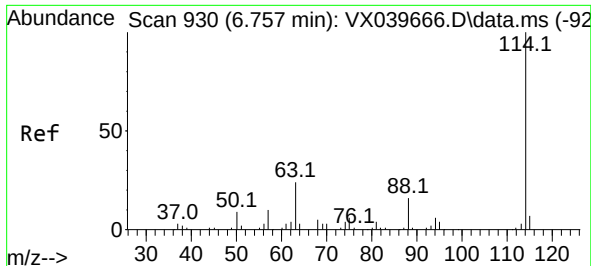
Tgt Ion:128 Resp: 15289
Ion Ratio Lower Upper
128 100
49 171.1 0.0 444.0
130 127.6 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 30.364 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040633.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 65 Resp: 46366
Ion Ratio Lower Upper
65 100
67 48.5 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX040633.D

Acq: 14 Mar 2024 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL01

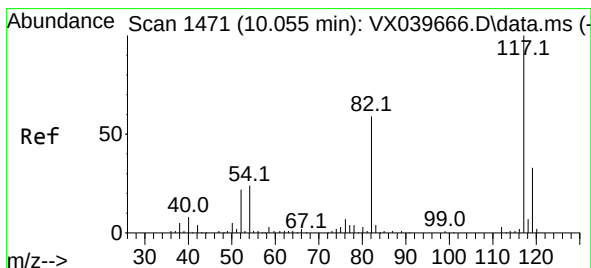
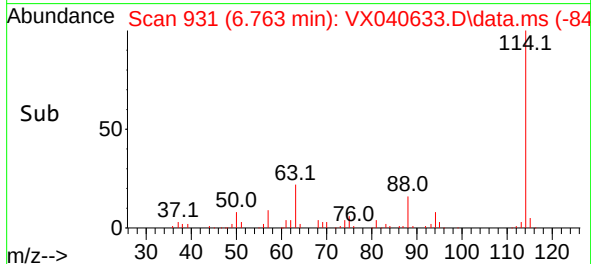
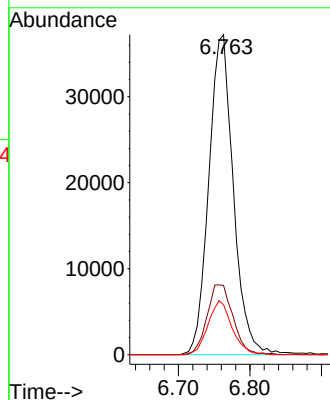
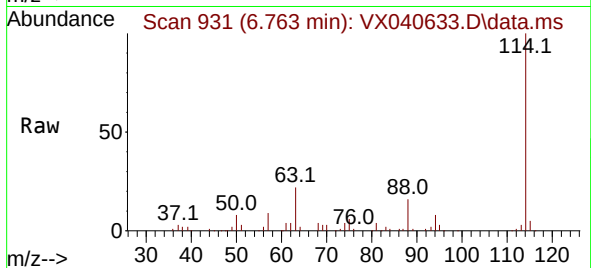
Tgt Ion:114 Resp: 88714

Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.4

88 16.4 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: VX040633.D

Acq: 14 Mar 2024 11:06

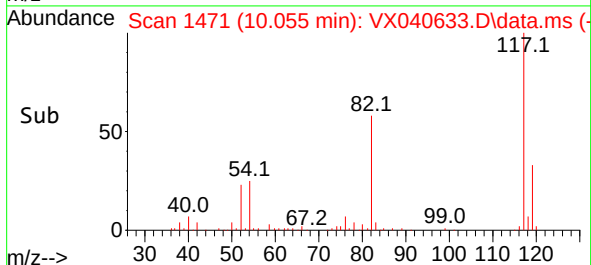
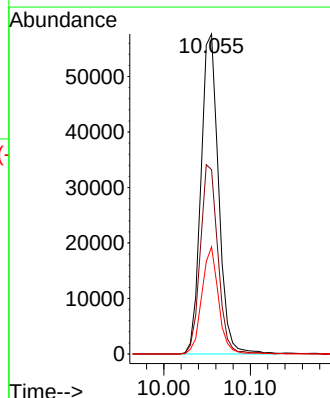
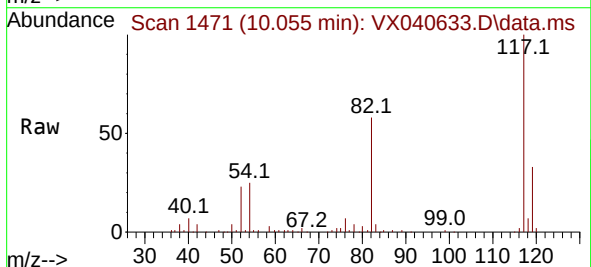
Tgt Ion:117 Resp: 81679

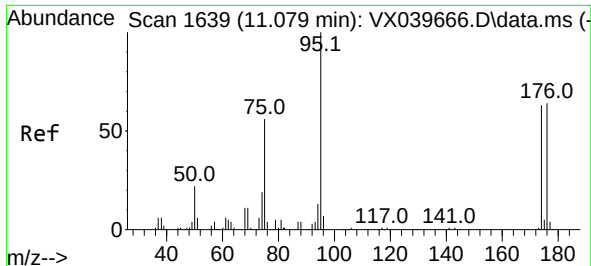
Ion Ratio Lower Upper

117 100

82 58.7 47.0 70.6

119 31.4 25.2 37.8

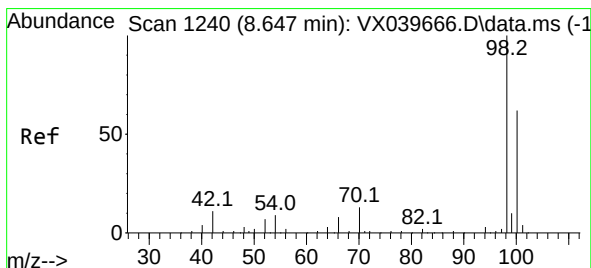
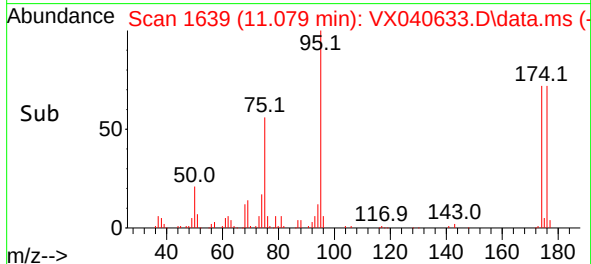
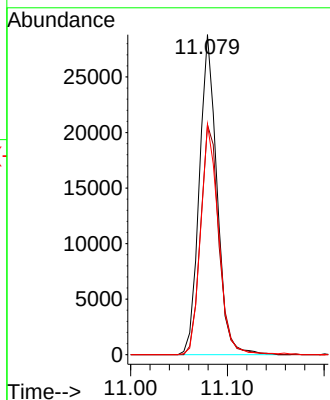
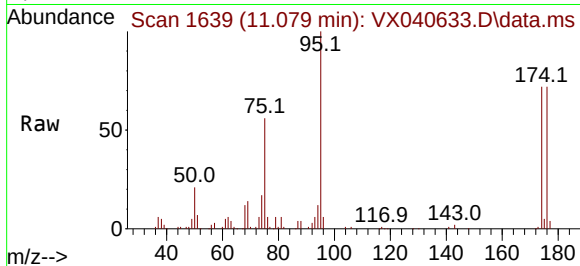




#60
4-Bromofluorobenzene
Concen: 26.105 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040633.D
Acq: 14 Mar 2024 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

Tgt Ion: 95 Resp: 36574
Ion Ratio Lower Upper
95 100
174 74.6 55.4 83.2
176 73.1 52.6 78.8



#63
Toluene-d8
Concen: 27.740 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040633.D
Acq: 14 Mar 2024 11:06

Tgt Ion: 98 Resp: 100129
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

