

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030054.D
 Acq On : 14 Jul 2022 12:11
 Operator : JC/MD
 Sample : VX0714WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL01

Quant Time: Jul 14 12:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	29809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	163381	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	141021	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	68508	28.185	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.933%
60) 4-Bromofluorobenzene	11.085	95	72675	27.346	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.167%
63) Toluene-d8	8.653	98	225373	29.473	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.233%

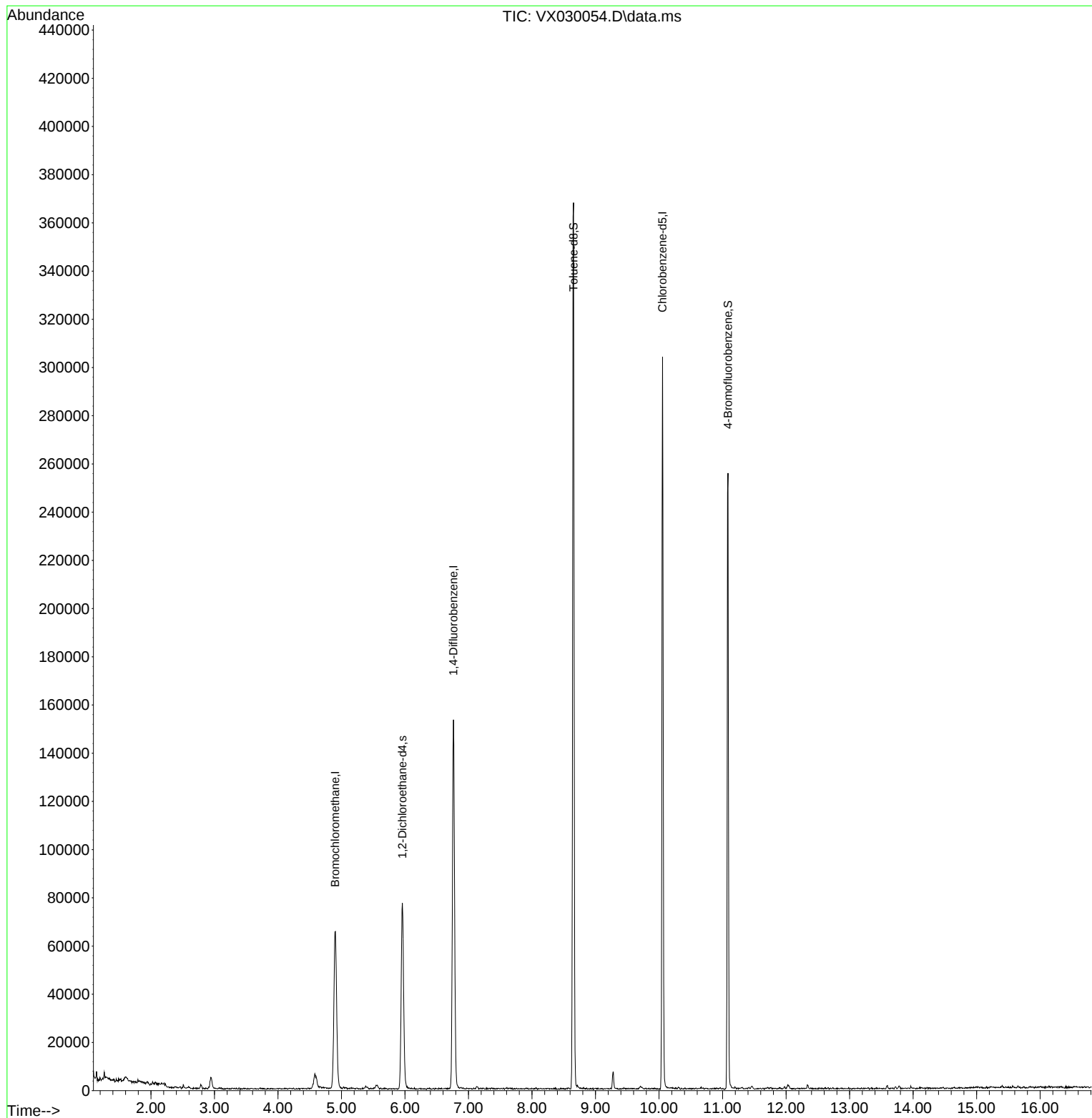
Target Compounds	Qvalue

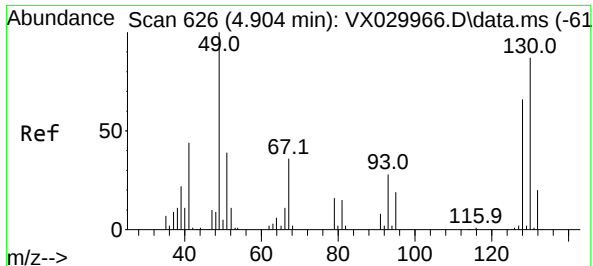
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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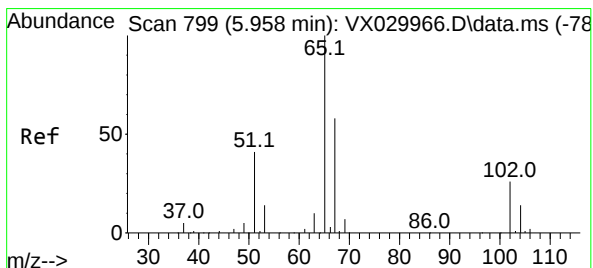
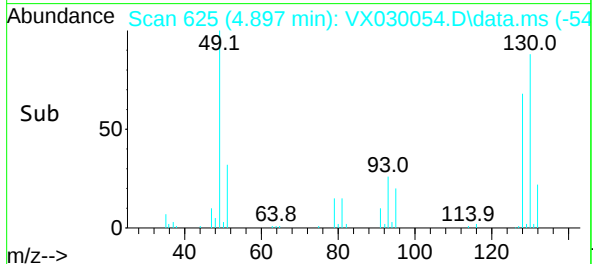
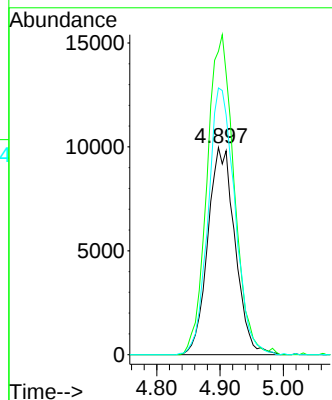
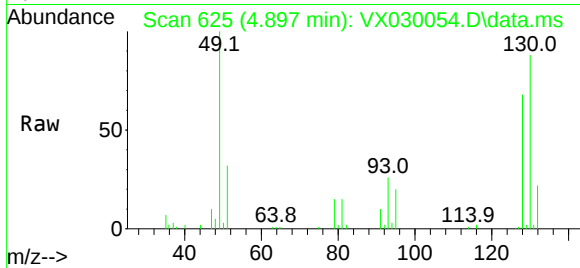




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX030054.D
Acq: 14 Jul 2022 12:11

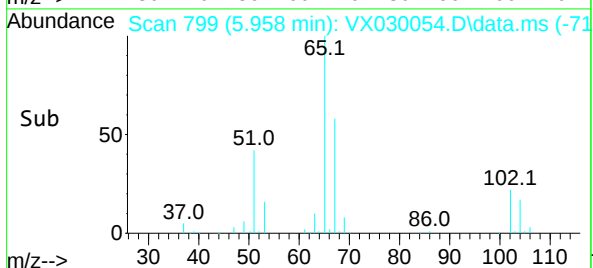
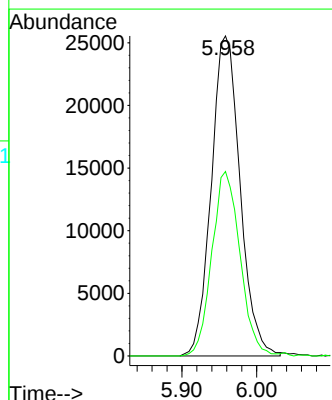
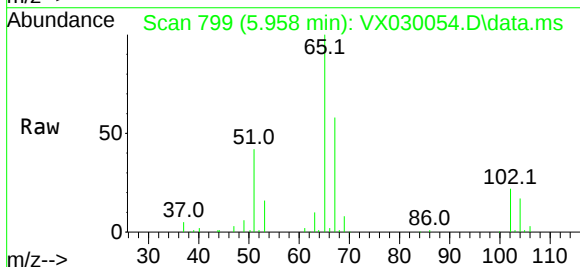
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

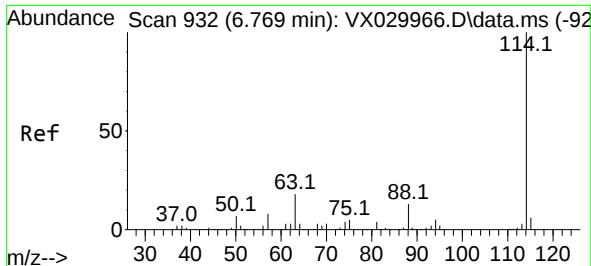
Tgt Ion:128 Resp: 29809
Ion Ratio Lower Upper
128 100
49 152.8 0.0 358.3
130 126.9 0.0 319.3



#27
1,2-Dichloroethane-d4
Concen: 28.185 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030054.D
Acq: 14 Jul 2022 12:11

Tgt Ion: 65 Resp: 68508
Ion Ratio Lower Upper
65 100
67 56.2 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX030054.D

Acq: 14 Jul 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0714WBL01

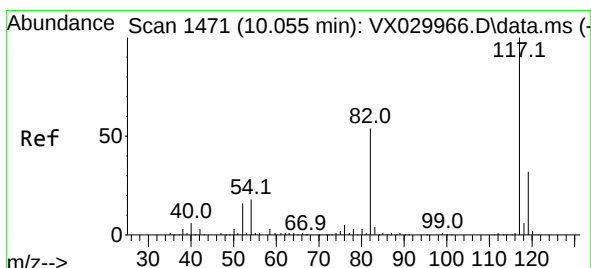
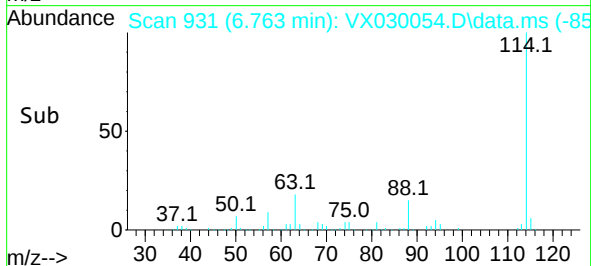
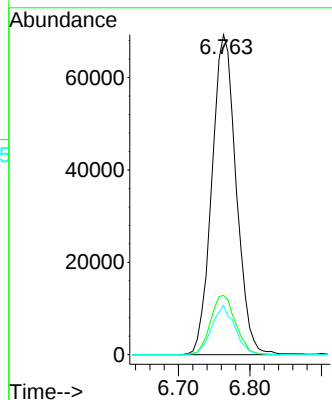
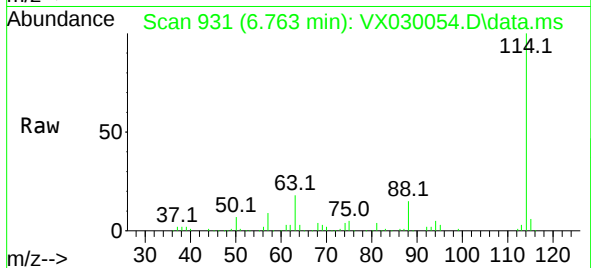
Tgt Ion:114 Resp: 163381

Ion Ratio Lower Upper

114 100

63 19.1 15.3 22.9

88 14.7 12.2 18.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030054.D

Acq: 14 Jul 2022 12:11

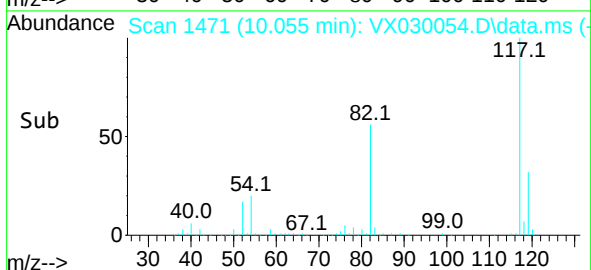
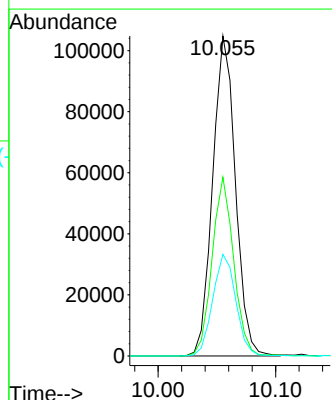
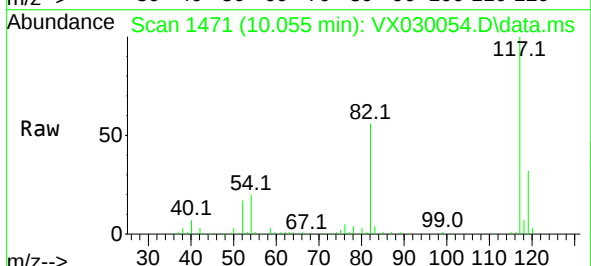
Tgt Ion:117 Resp: 141021

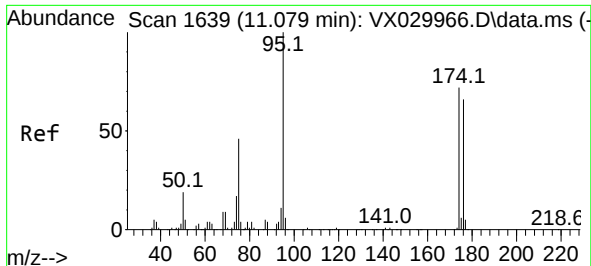
Ion Ratio Lower Upper

117 100

82 52.9 42.3 63.5

119 32.3 26.2 39.2

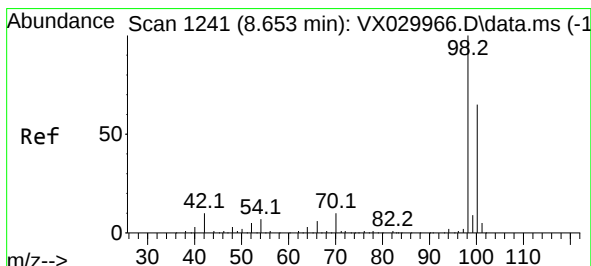
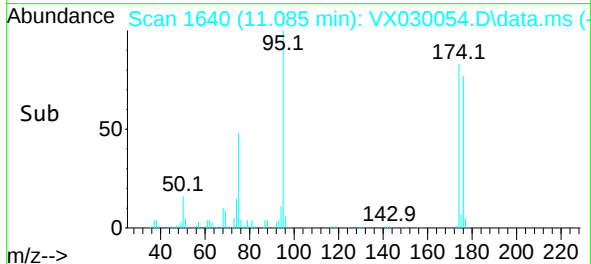
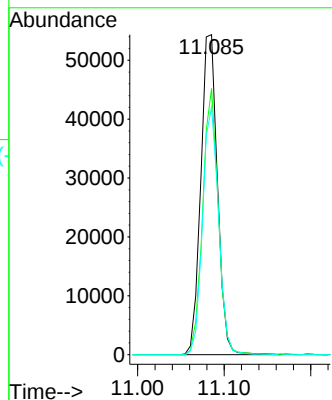
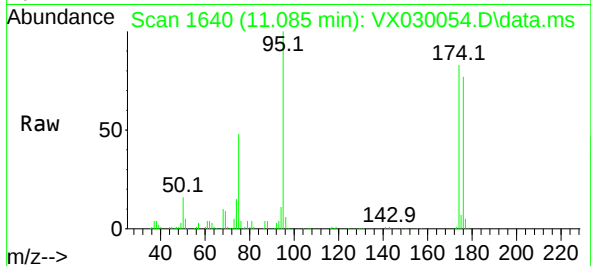




#60
4-Bromofluorobenzene
Concen: 27.346 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX030054.D
Acq: 14 Jul 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

Tgt Ion: 95 Resp: 72675
Ion Ratio Lower Upper
95 100
174 78.0 65.4 98.2
176 74.2 63.4 95.0



#63
Toluene-d8
Concen: 29.473 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX030054.D
Acq: 14 Jul 2022 12:11

Tgt Ion: 98 Resp: 225373
Ion Ratio Lower Upper
98 100
100 66.3 51.4 77.2

