

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041580.D
 Acq On : 21 May 2024 11:23
 Operator : JC/MD
 Sample : VX0521WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBL01

Quant Time: May 22 02:52:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28005	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	155217	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	139140	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65528	29.713	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.033%
60) 4-Bromofluorobenzene	11.079	95	59677	27.475	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.567%
63) Toluene-d8	8.647	98	177410	29.745	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.133%

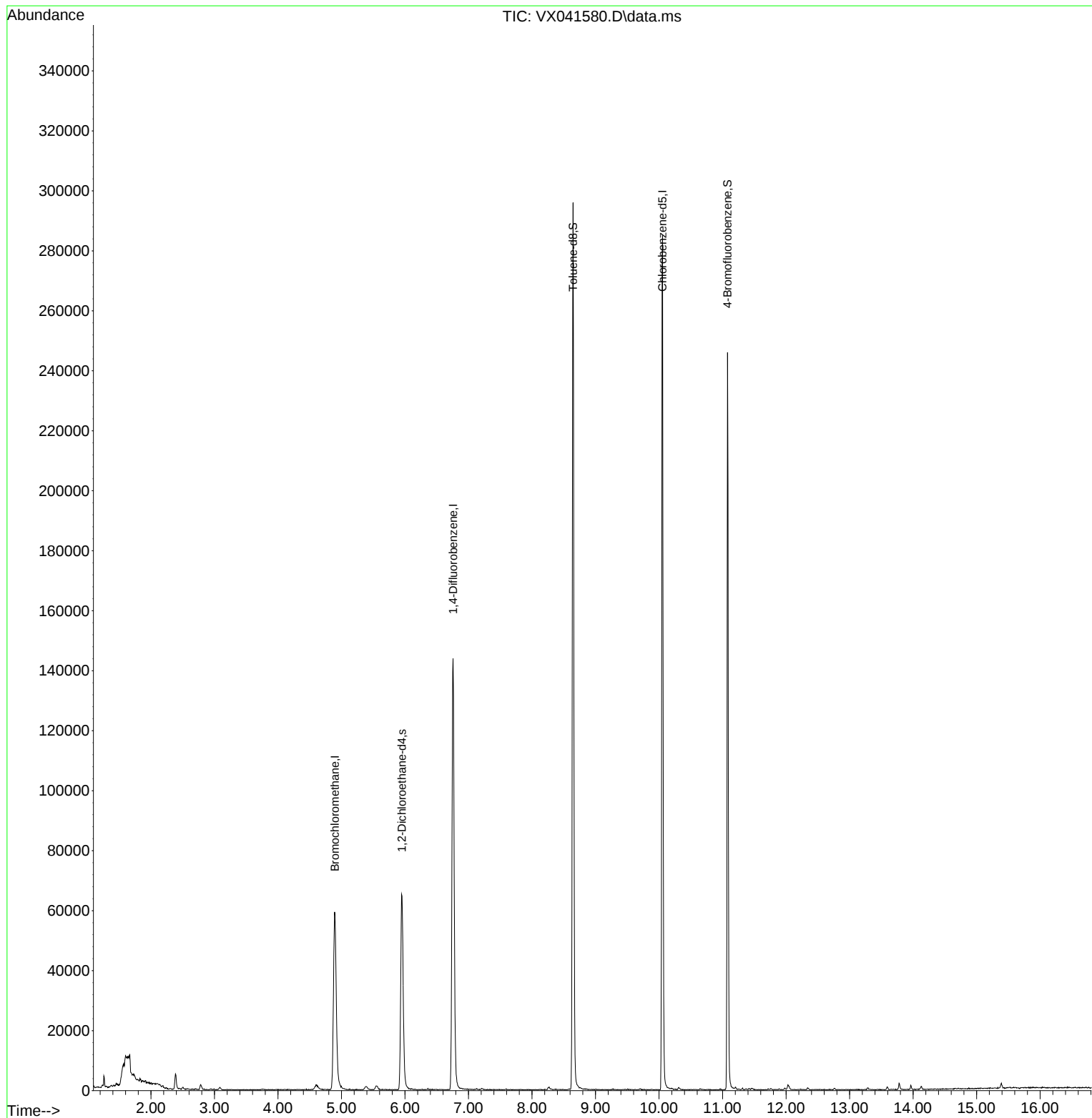
Target Compounds	Qvalue

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

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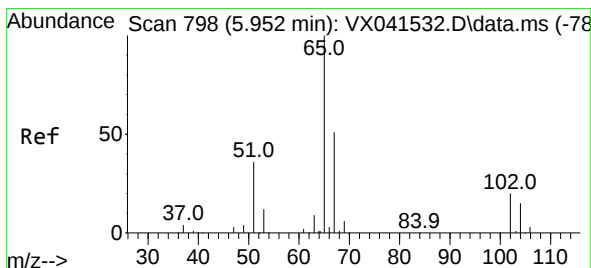
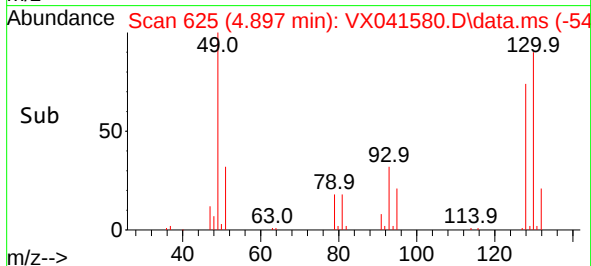
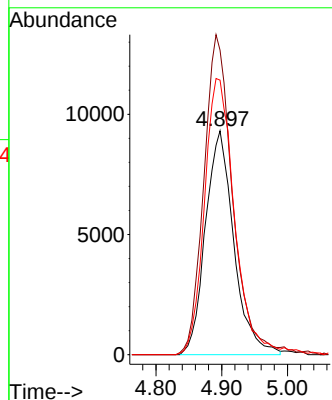
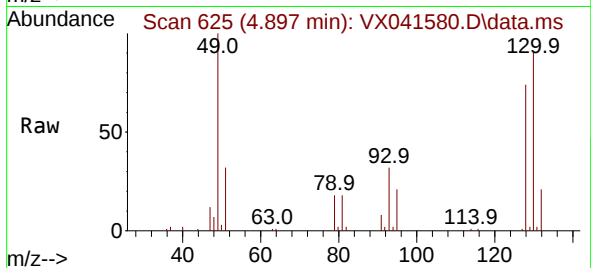




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041580.D
Acq: 21 May 2024 11:23

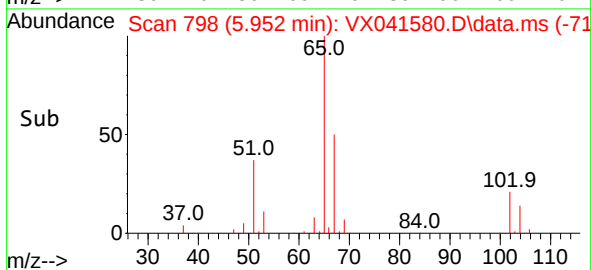
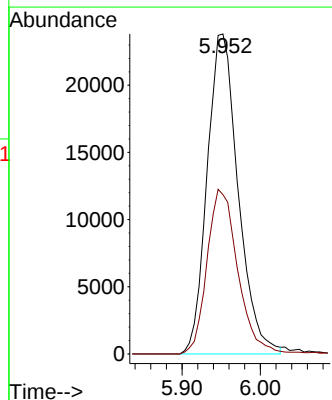
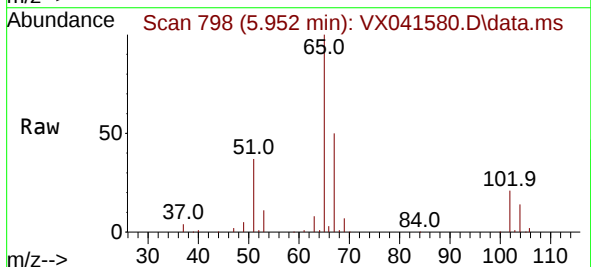
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

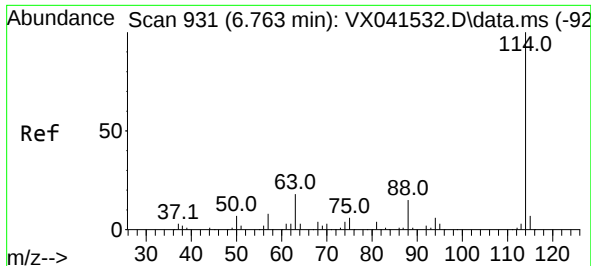
Tgt Ion:128 Resp: 28005
Ion Ratio Lower Upper
128 100
49 143.5 0.0 361.5
130 129.9 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 29.713 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041580.D
Acq: 21 May 2024 11:23

Tgt Ion: 65 Resp: 65528
Ion Ratio Lower Upper
65 100
67 50.9 40.8 61.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX041580.D

Acq: 21 May 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

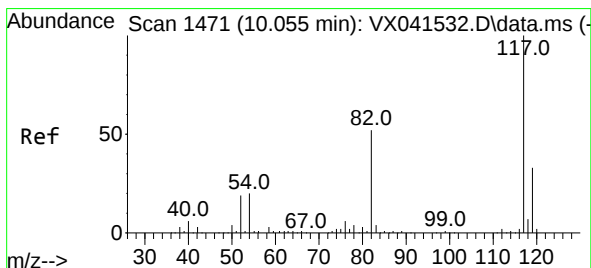
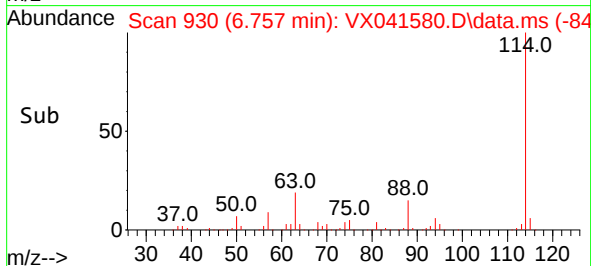
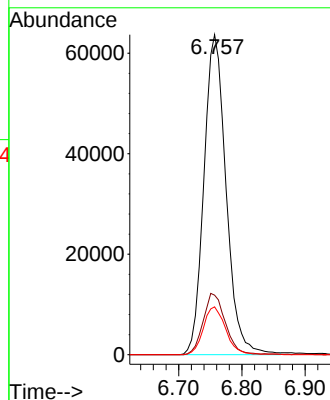
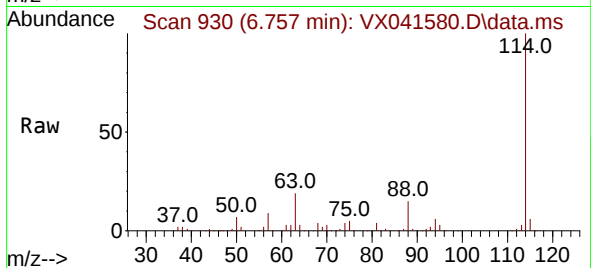
Tgt Ion:114 Resp: 155217

Ion Ratio Lower Upper

114 100

63 19.1 15.4 23.0

88 15.1 12.2 18.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041580.D

Acq: 21 May 2024 11:23

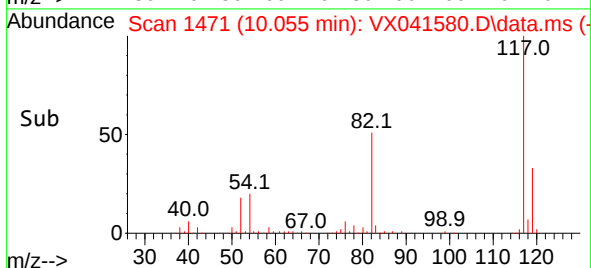
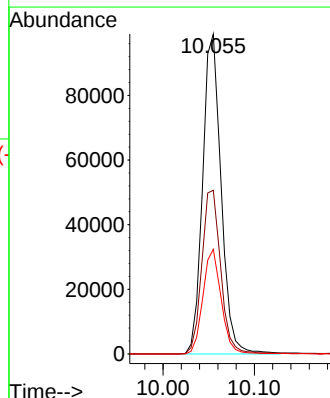
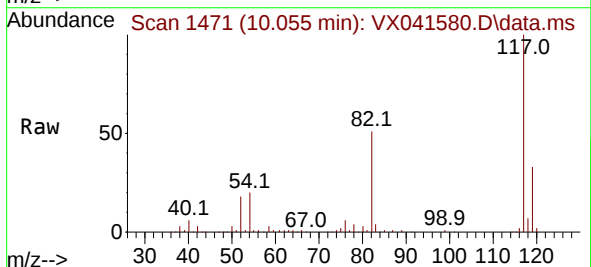
Tgt Ion:117 Resp: 139140

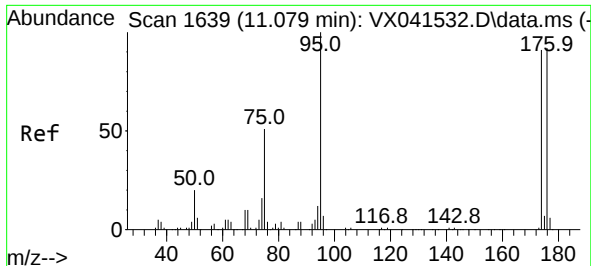
Ion Ratio Lower Upper

117 100

82 52.1 41.7 62.5

119 32.2 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 27.475 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041580.D

Acq: 21 May 2024 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

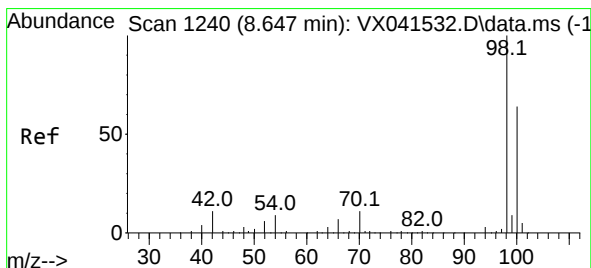
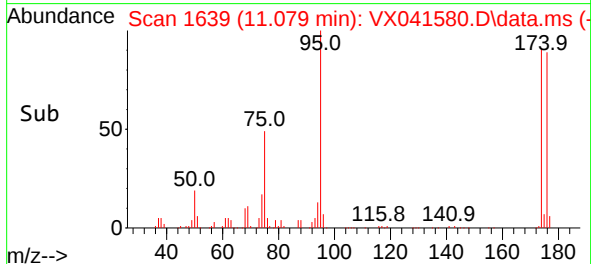
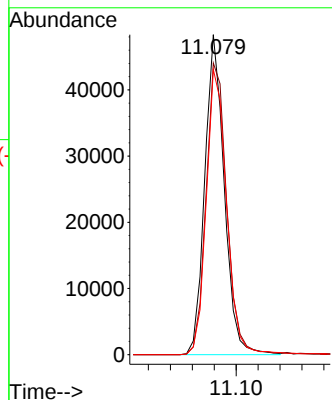
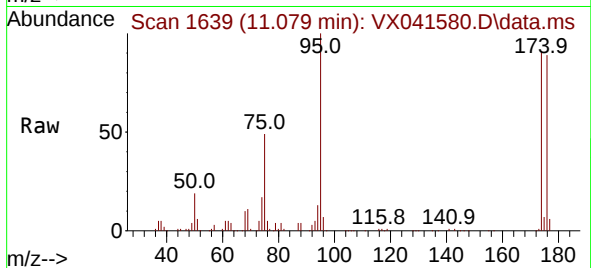
Tgt Ion: 95 Resp: 59677

Ion Ratio Lower Upper

95 100

174 97.0 76.6 115.0

176 93.2 75.4 113.0



#63

Toluene-d8

Concen: 29.745 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041580.D

Acq: 21 May 2024 11:23

Tgt Ion: 98 Resp: 177410

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

