

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052824\
 Data File : VX041655.D
 Acq On : 28 May 2024 11:01
 Operator : JC/MD
 Sample : VX0528WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBL01

Quant Time: May 29 05:38:41 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	4.898	128	26683	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	149767	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	131781	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	64316	30.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.033%
60) 4-Bromofluorobenzene	11.079	95	57527	27.964	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.200%
63) Toluene-d8	8.647	98	167371	29.629	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%

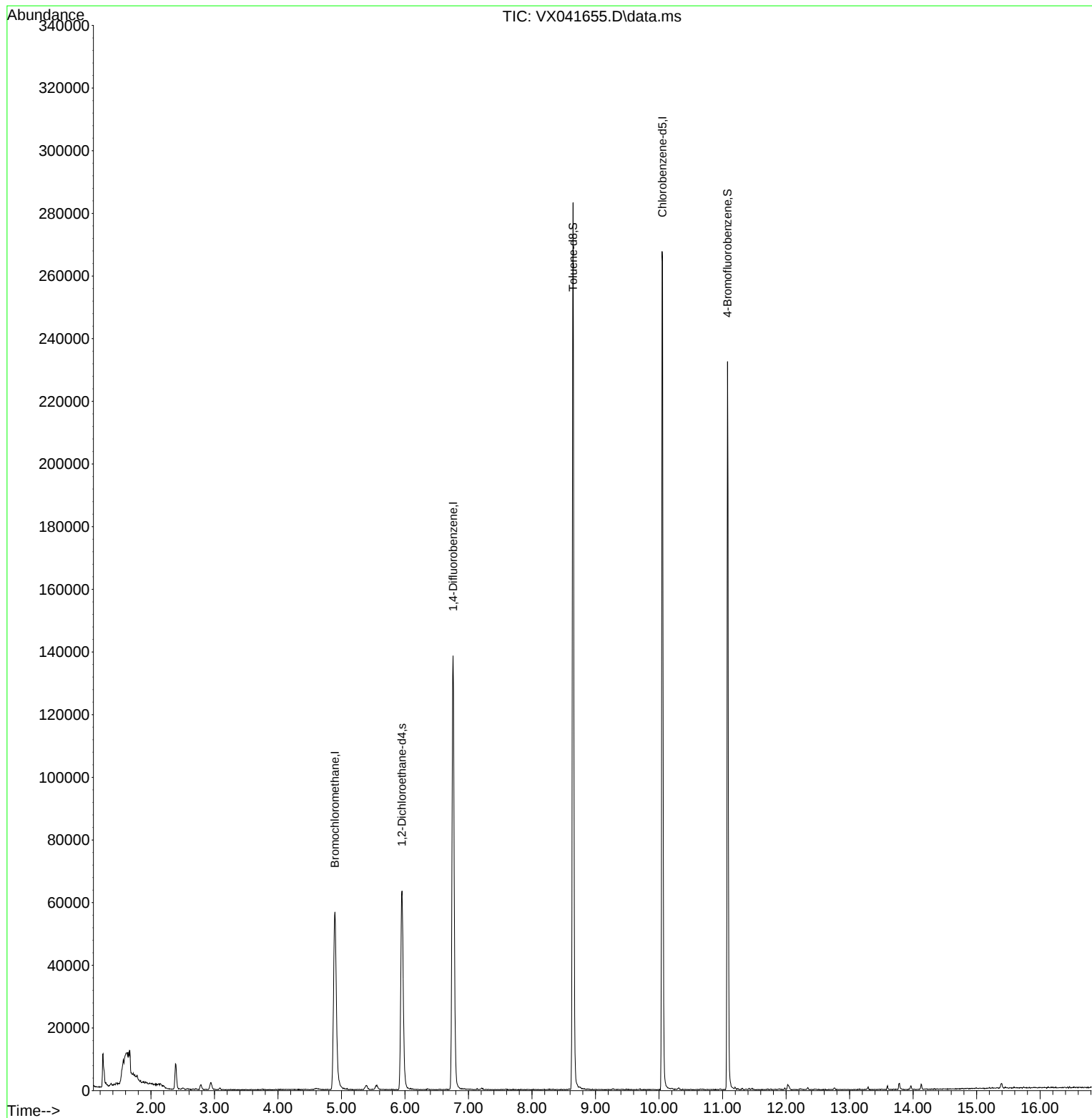
Target Compounds	Qvalue

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

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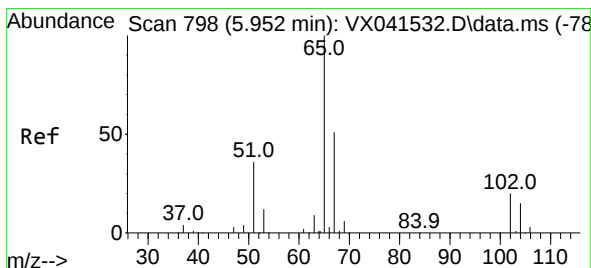
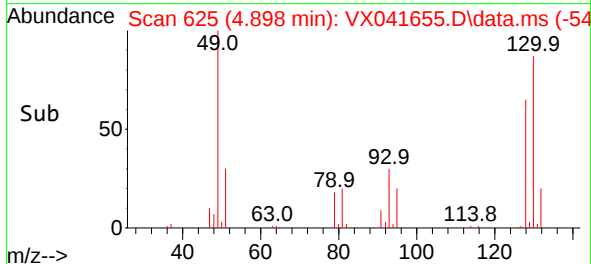
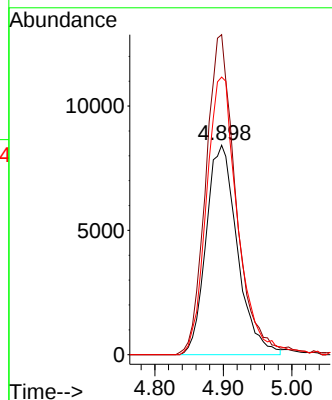
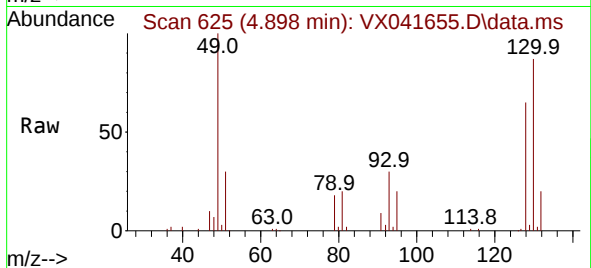




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

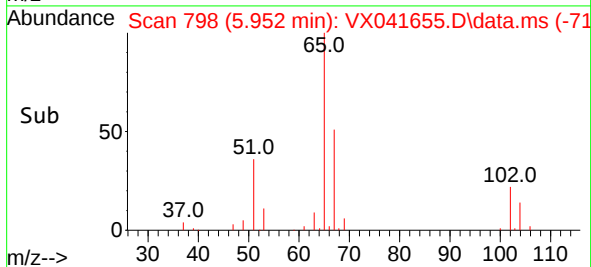
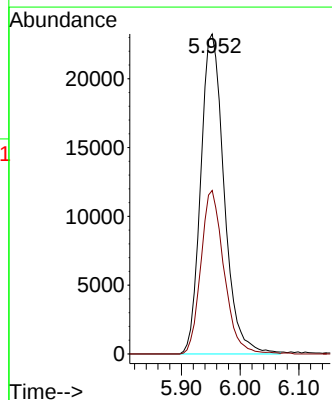
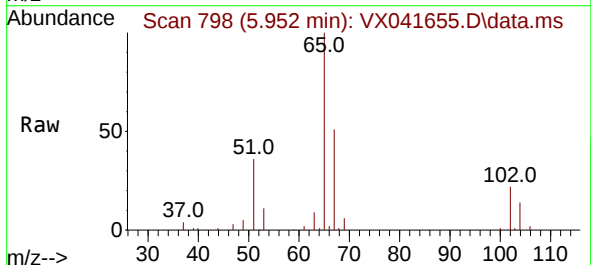
Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

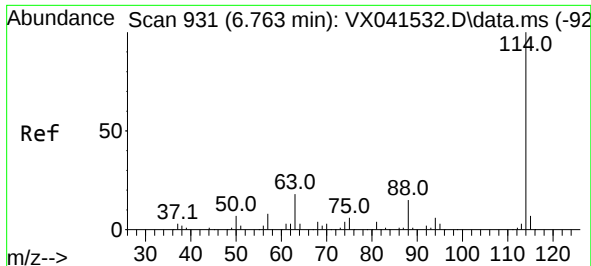
Tgt Ion:128 Resp: 26683
Ion Ratio Lower Upper
128 100
49 145.9 0.0 361.5
130 129.8 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 30.608 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 65 Resp: 64316
Ion Ratio Lower Upper
65 100
67 50.3 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: VX041655.D

Acq: 28 May 2024 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0528WBL01

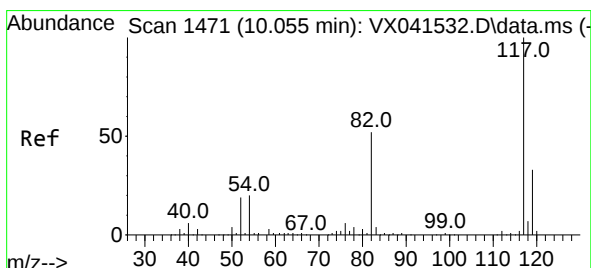
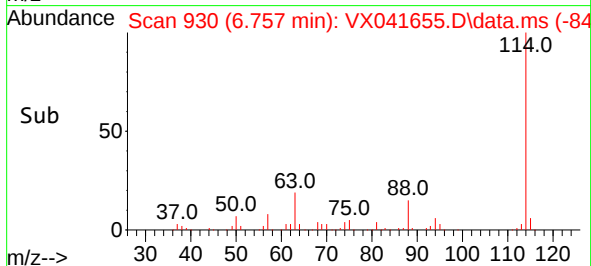
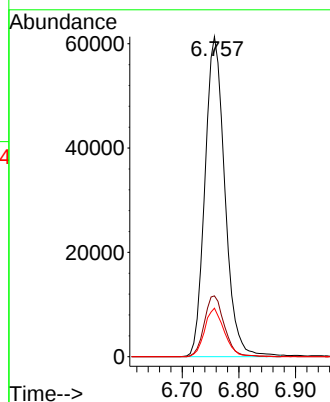
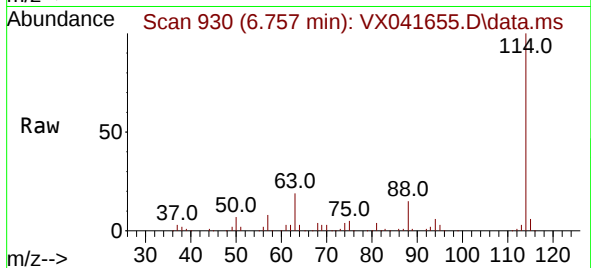
Tgt Ion:114 Resp: 149767

Ion Ratio Lower Upper

114 100

63 19.0 15.4 23.0

88 15.0 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: VX041655.D

Acq: 28 May 2024 11:01

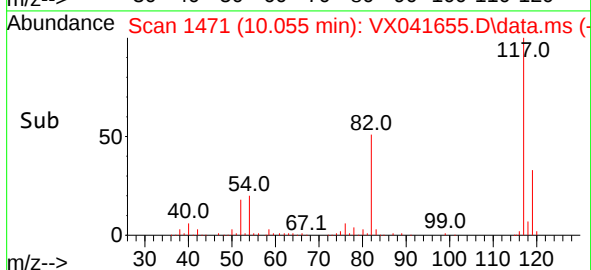
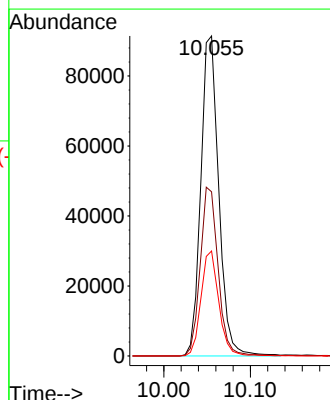
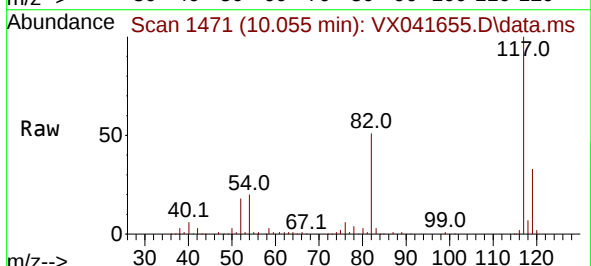
Tgt Ion:117 Resp: 131781

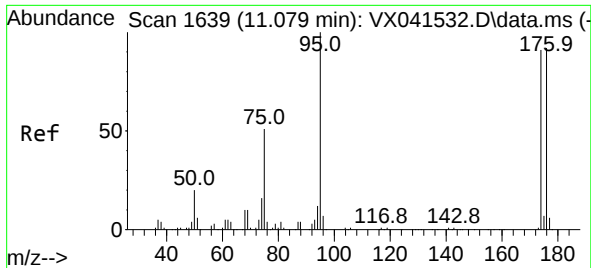
Ion Ratio Lower Upper

117 100

82 52.5 41.7 62.5

119 32.6 25.7 38.5

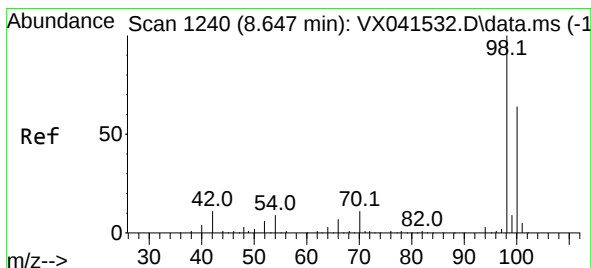
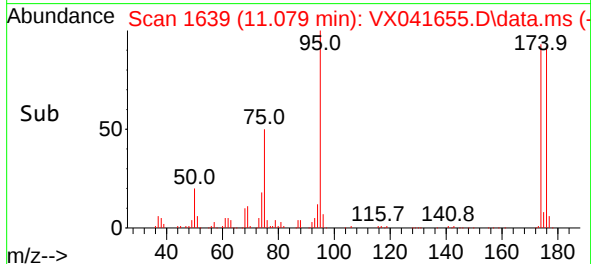
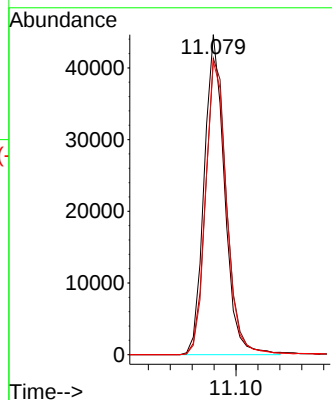
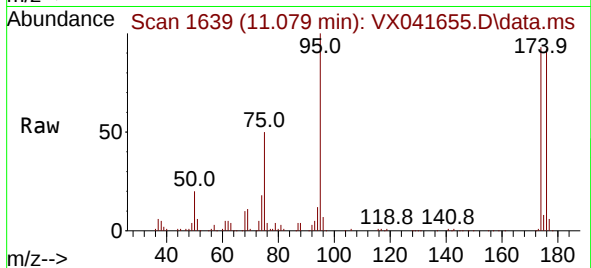




#60
4-Bromofluorobenzene
Concen: 27.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0528WBL01

Tgt Ion: 95 Resp: 57527
Ion Ratio Lower Upper
95 100
174 97.0 76.6 115.0
176 94.1 75.4 113.0



#63
Toluene-d8
Concen: 29.629 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041655.D
Acq: 28 May 2024 11:01

Tgt Ion: 98 Resp: 167371
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7

