

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070924\
 Data File : VX042250.D
 Acq On : 09 Jul 2024 16:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 10 04:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	27202	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	144084	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	130028	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	55611	29.698	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.000%
60) 4-Bromofluorobenzene	11.079	95	54546	27.100	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.333%
63) Toluene-d8	8.653	98	164950	29.651	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.833%

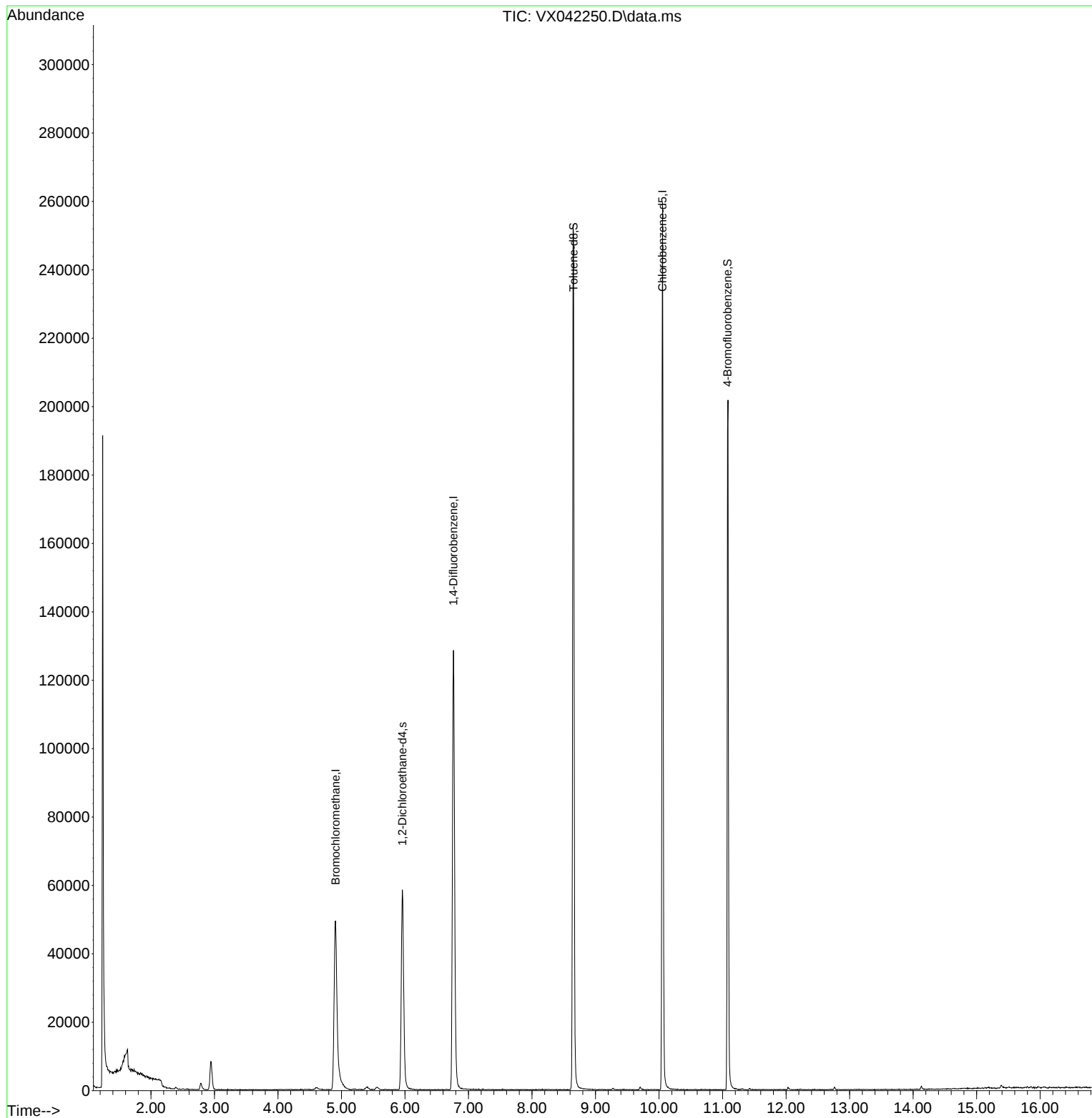
Target Compounds	Qvalue

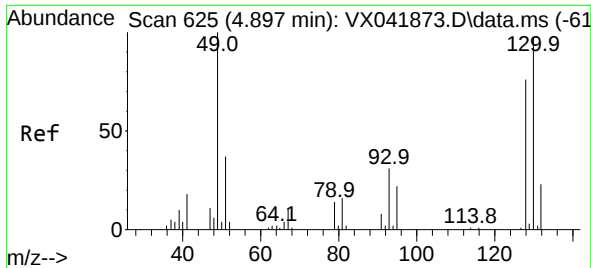
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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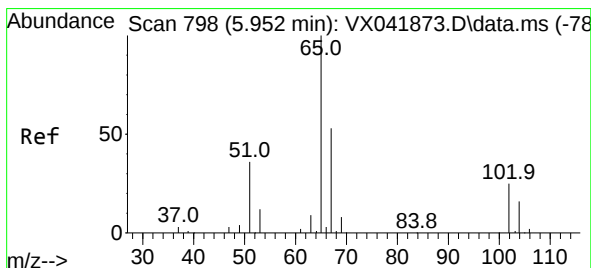
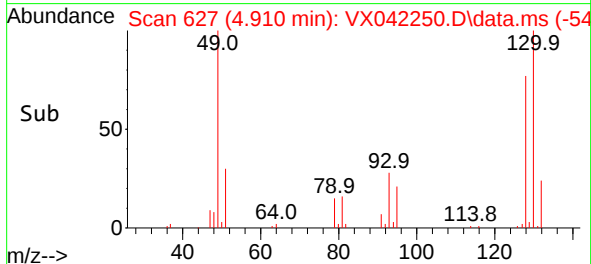
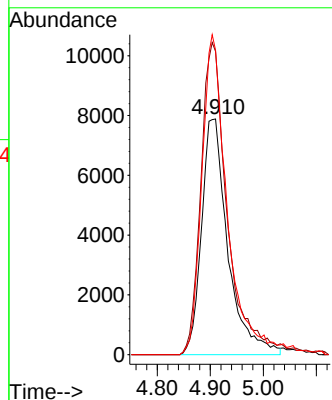
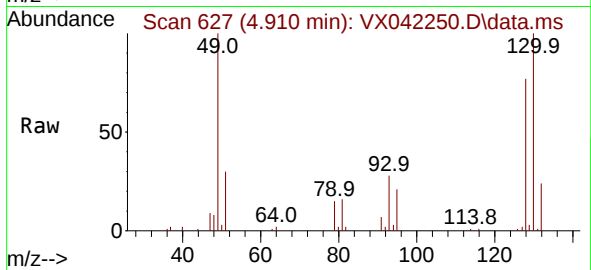




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX042250.D
Acq: 09 Jul 2024 16:25

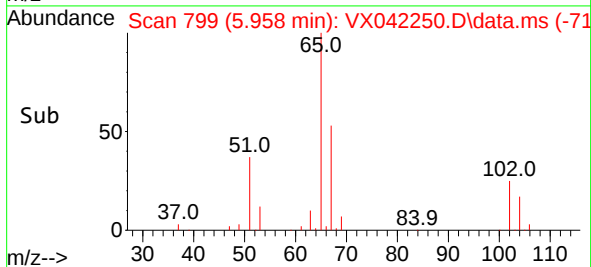
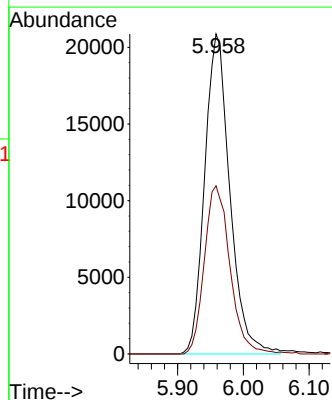
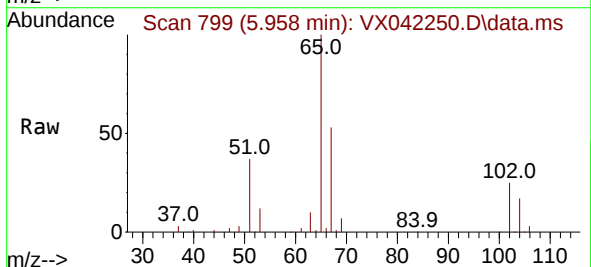
Instrument :
MSVOA_X
ClientSampleId :
IBLK

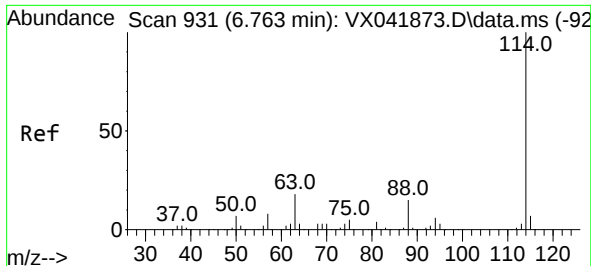
Tgt Ion:128 Resp: 27202
Ion Ratio Lower Upper
128 100
49 127.3 0.0 338.5
130 127.1 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042250.D
Acq: 09 Jul 2024 16:25

Tgt Ion: 65 Resp: 55611
Ion Ratio Lower Upper
65 100
67 53.3 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042250.D

Acq: 09 Jul 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

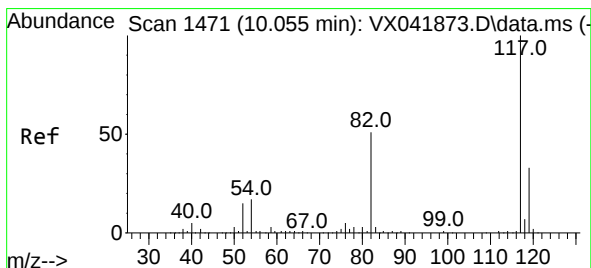
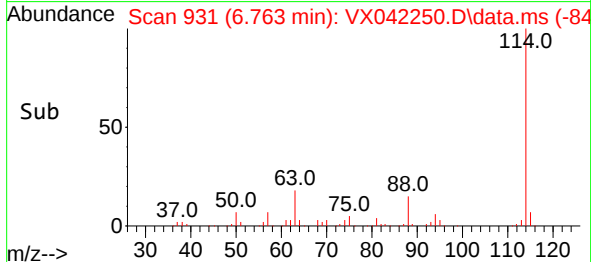
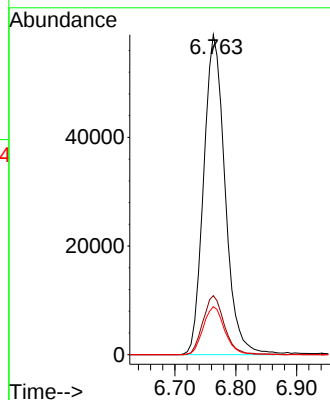
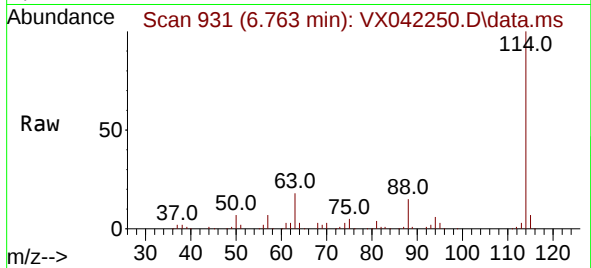
Tgt Ion:114 Resp: 144084

Ion Ratio Lower Upper

114 100

63 18.0 14.6 21.8

88 14.9 11.8 17.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042250.D

Acq: 09 Jul 2024 16:25

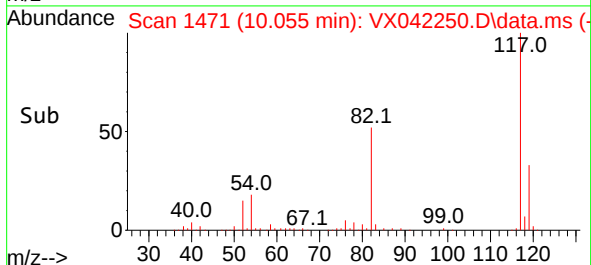
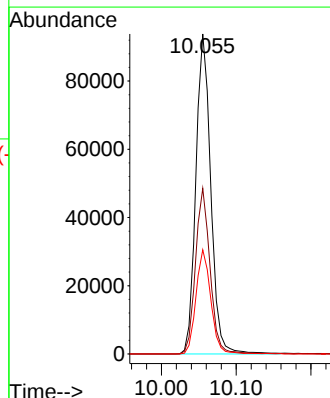
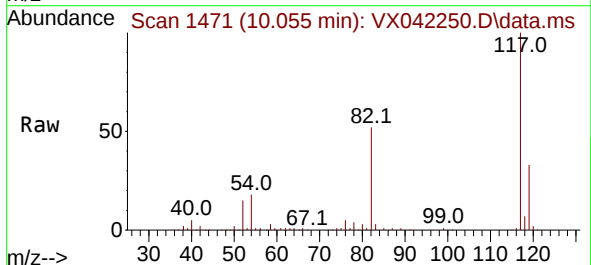
Tgt Ion:117 Resp: 130028

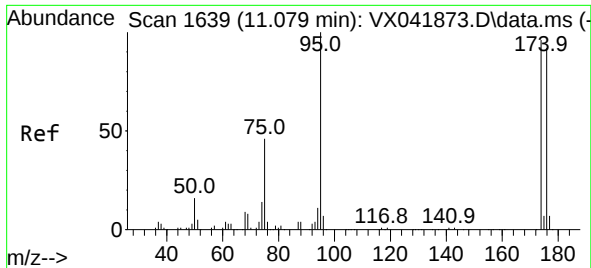
Ion Ratio Lower Upper

117 100

82 50.5 41.1 61.7

119 32.4 26.1 39.1

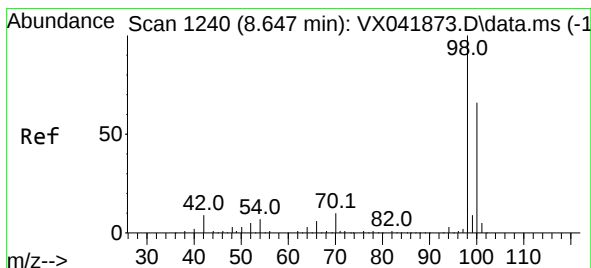
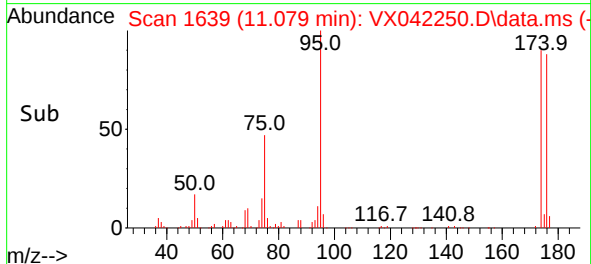
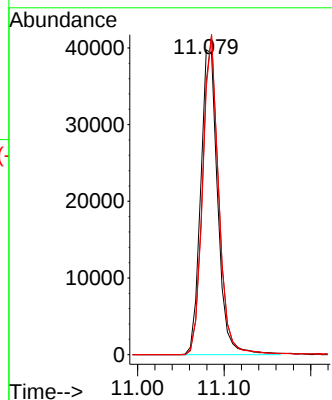
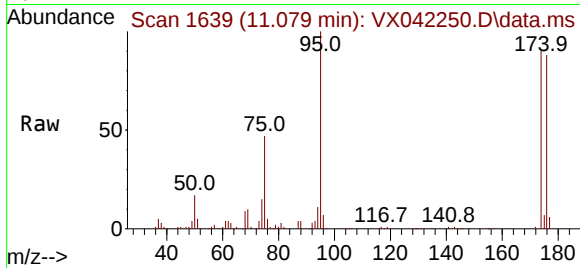




#60
4-Bromofluorobenzene
Concen: 27.100 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042250.D
Acq: 09 Jul 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 54546
Ion Ratio Lower Upper
95 100
174 98.7 78.9 118.3
176 97.5 77.1 115.7



#63
Toluene-d8
Concen: 29.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX042250.D
Acq: 09 Jul 2024 16:25

Tgt Ion: 98 Resp: 164950
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

