

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041959.D
 Acq On : 20 Jun 2024 12:38
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 21 03:15:59 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	4.903	128	28890	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	154976	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	138631	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61040	30.692	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.300%
60) 4-Bromofluorobenzene	11.079	95	58069	27.060	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.200%
63) Toluene-d8	8.647	98	179498	30.264	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.867%

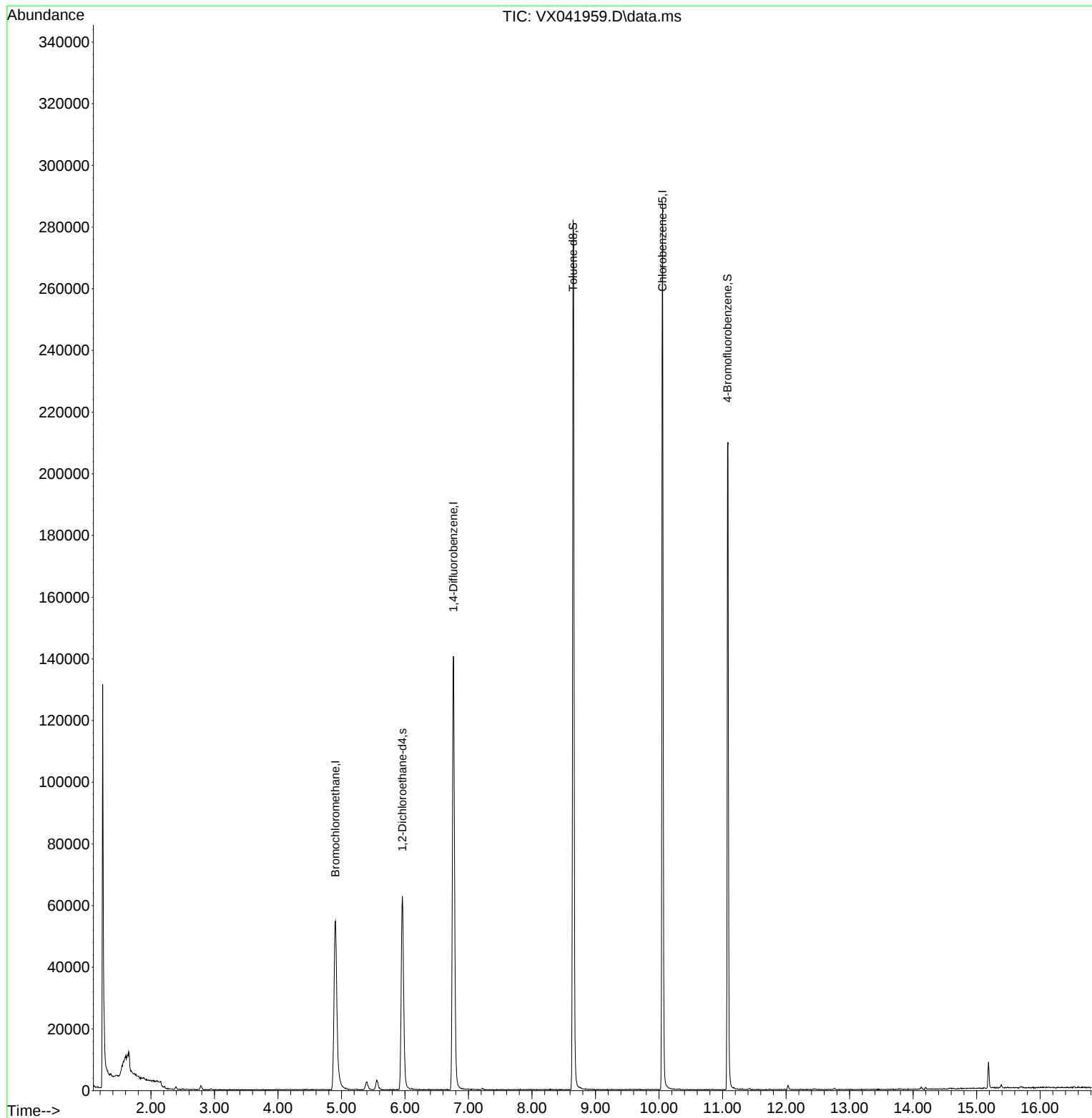
Target Compounds	Qvalue

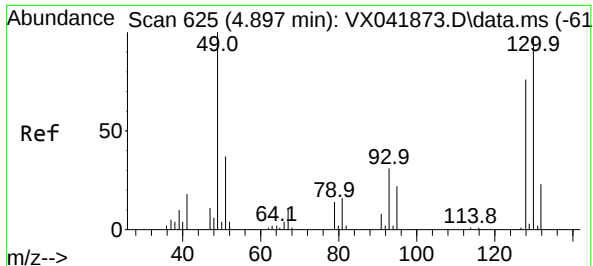
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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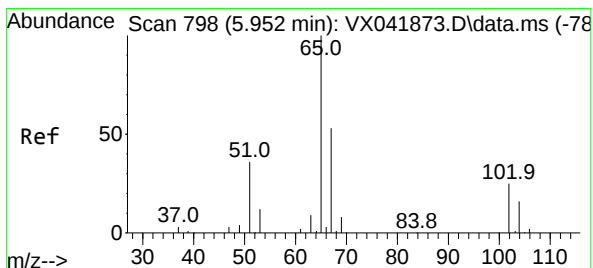
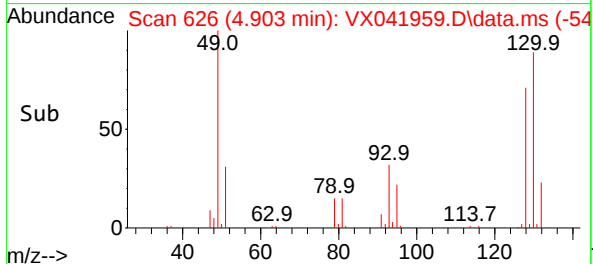
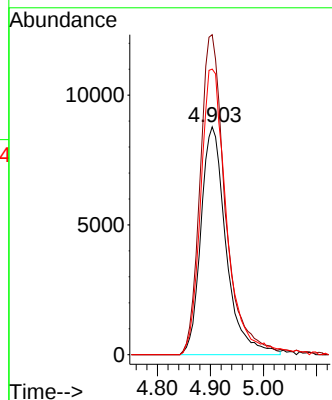
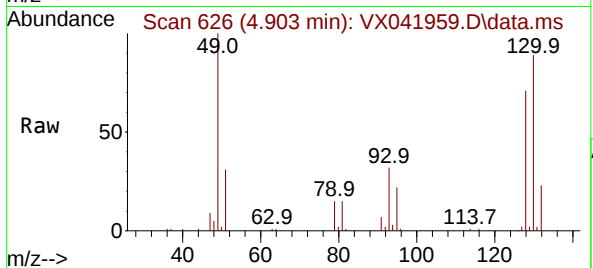




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

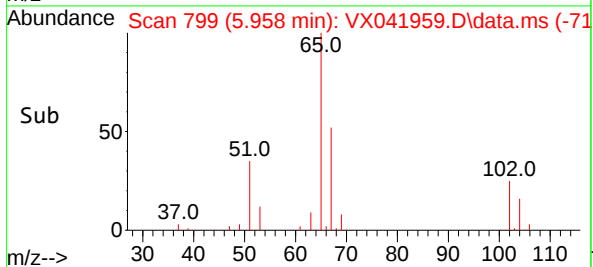
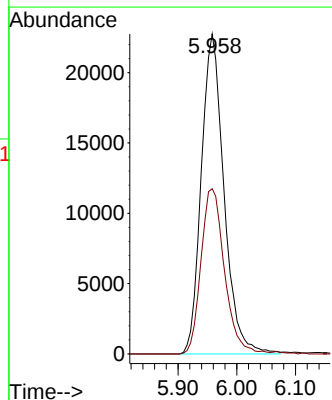
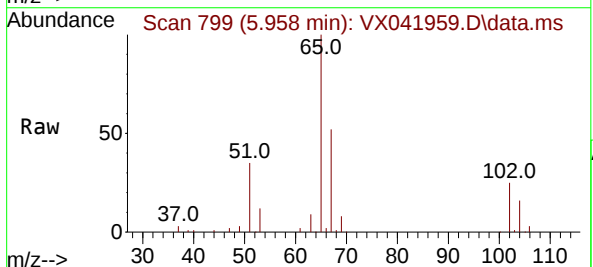
Instrument :
MSVOA_X
ClientSampleId :
IBLK

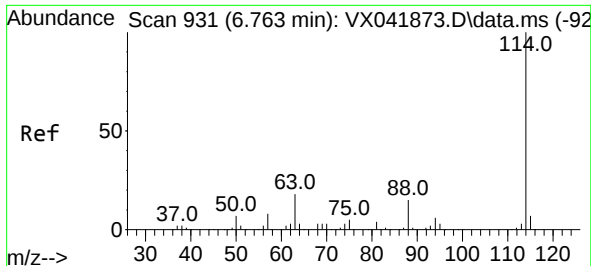
Tgt Ion:128 Resp: 28890
Ion Ratio Lower Upper
128 100
49 140.7 0.0 338.5
130 126.8 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 30.692 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 65 Resp: 61040
Ion Ratio Lower Upper
65 100
67 53.0 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: VX041959.D

Acq: 20 Jun 2024 12:38

Instrument :

MSVOA_X

ClientSampleId :

IBLK

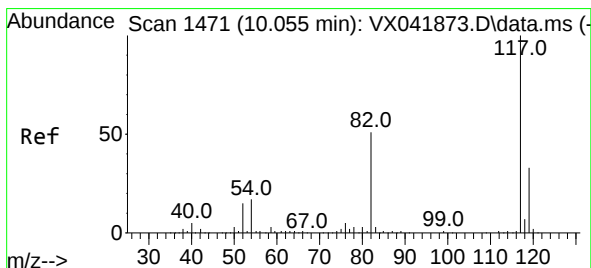
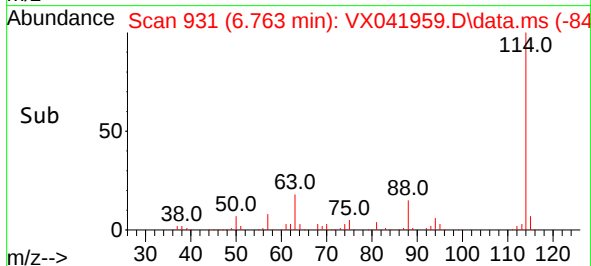
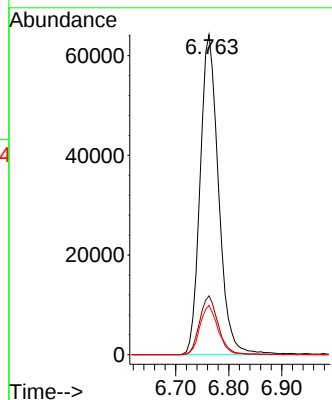
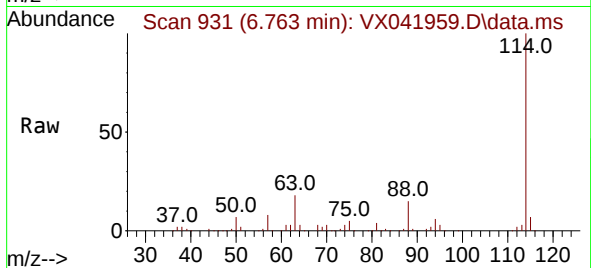
Tgt Ion:114 Resp: 154976

Ion Ratio Lower Upper

114 100

63 18.4 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: VX041959.D

Acq: 20 Jun 2024 12:38

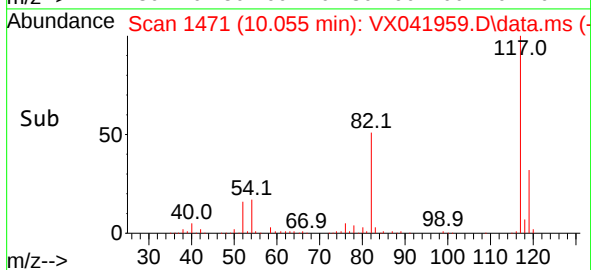
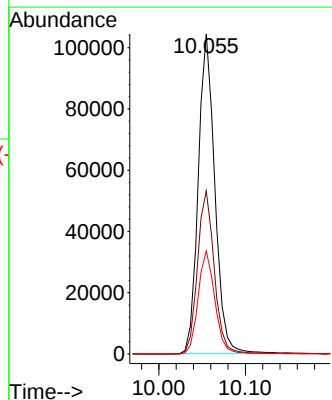
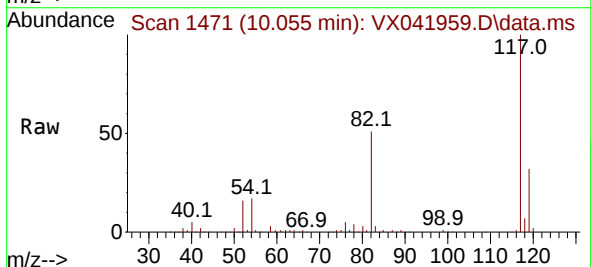
Tgt Ion:117 Resp: 138631

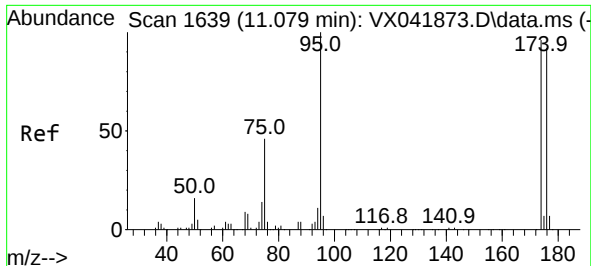
Ion Ratio Lower Upper

117 100

82 51.8 41.1 61.7

119 32.5 26.1 39.1

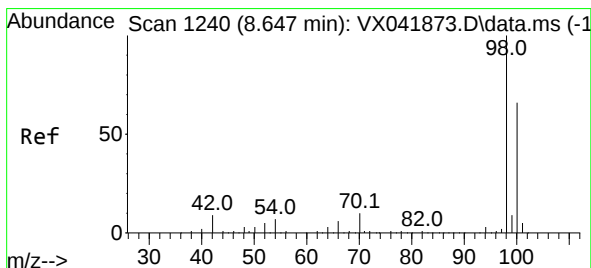
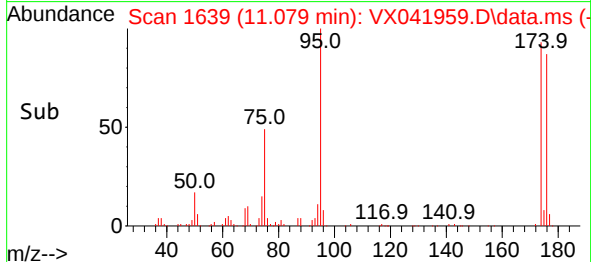
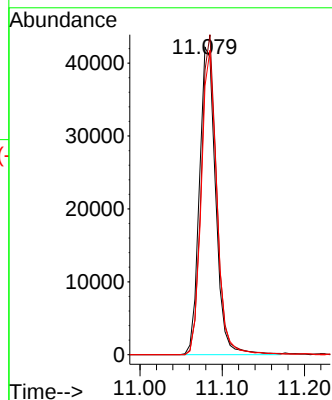
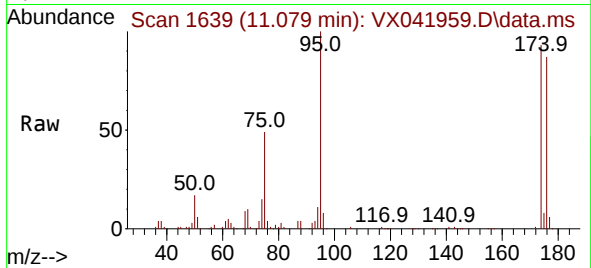




#60
4-Bromofluorobenzene
Concen: 27.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 58069
Ion Ratio Lower Upper
95 100
174 98.9 78.9 118.3
176 95.0 77.1 115.7



#63
Toluene-d8
Concen: 30.264 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041959.D
Acq: 20 Jun 2024 12:38

Tgt Ion: 98 Resp: 179498
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

