

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042302.D
 Acq On : 12 Jul 2024 15:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 15 03:27:56 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	4.897	128	27813	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	151699	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	132060	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	55738	29.112	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.033%
60) 4-Bromofluorobenzene	11.079	95	56397	27.589	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.967%
63) Toluene-d8	8.647	98	169662	30.029	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.100%

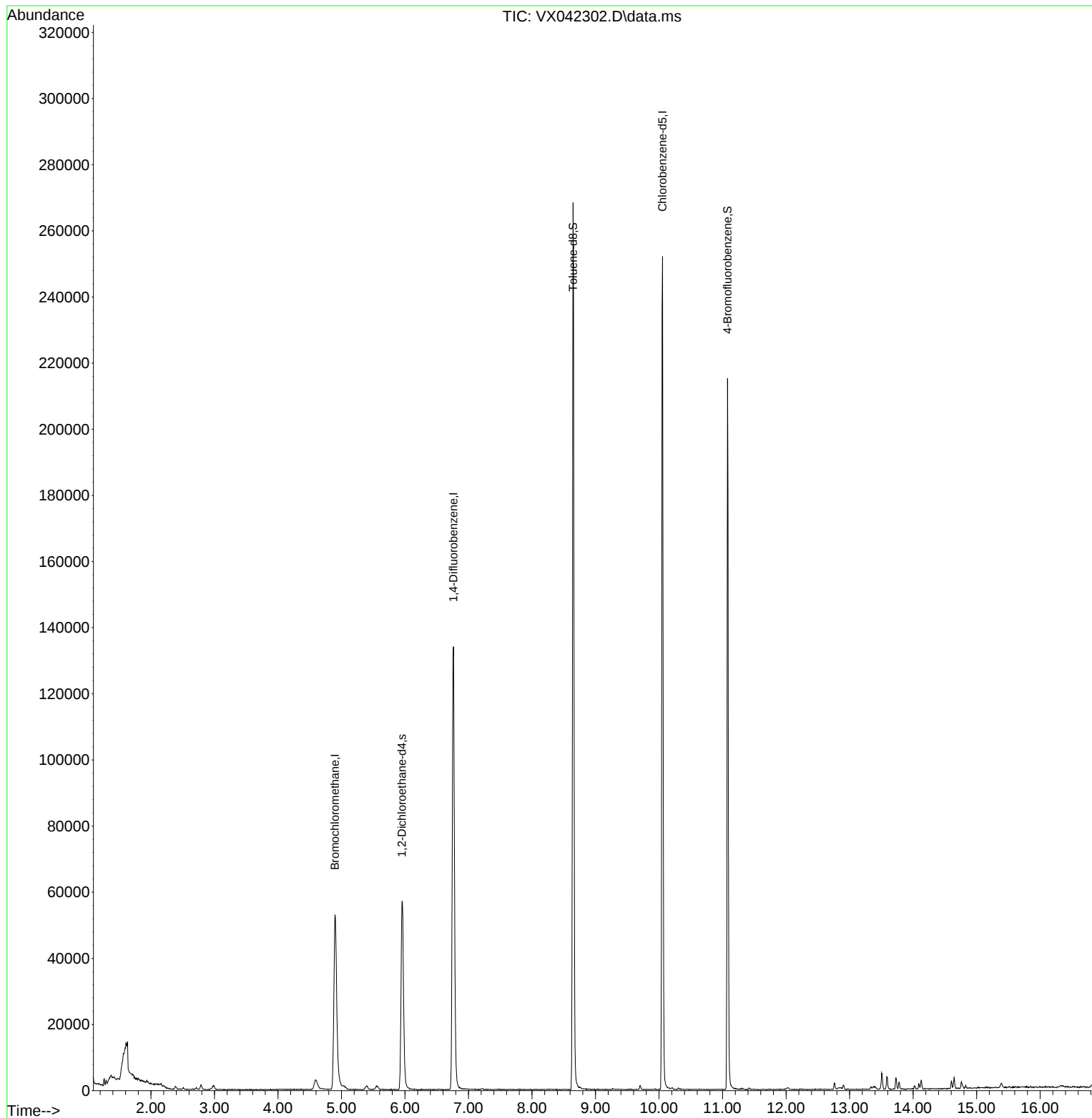
Target Compounds	Qvalue

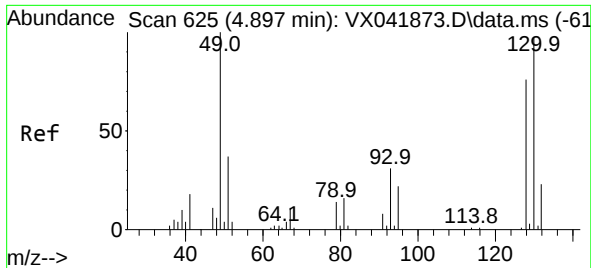
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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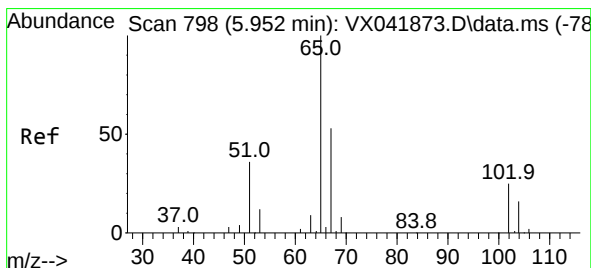
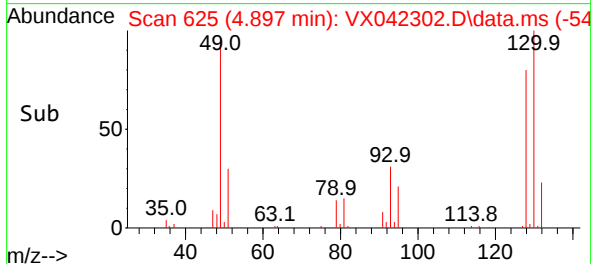
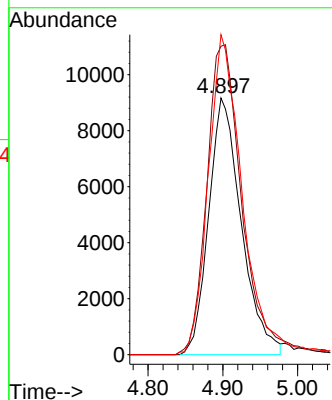
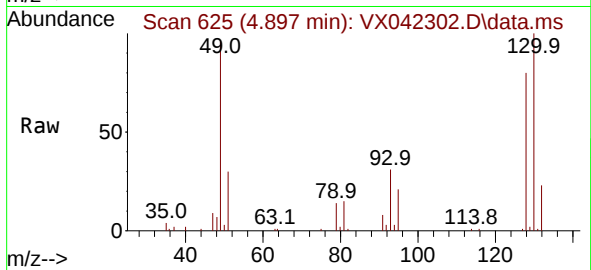




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042302.D
Acq: 12 Jul 2024 15:02

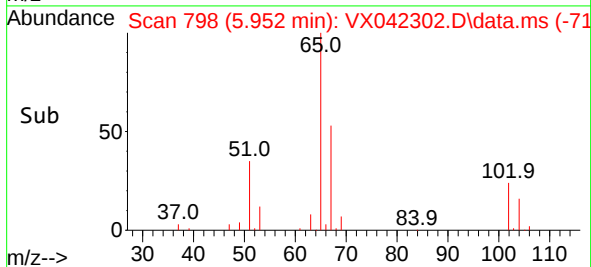
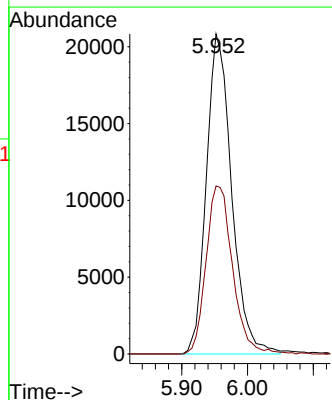
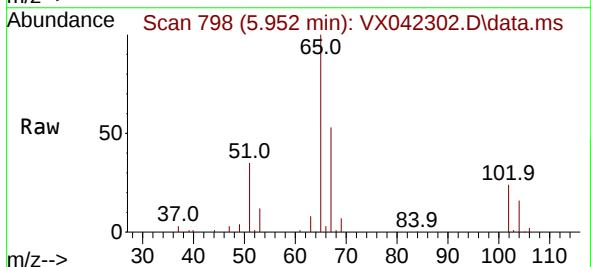
Instrument :
MSVOA_X
ClientSampleId :
IBLK

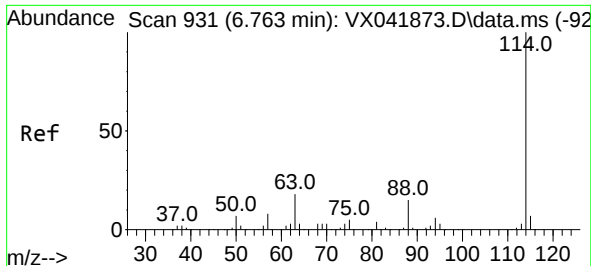
Tgt Ion:128 Resp: 27813
Ion Ratio Lower Upper
128 100
49 131.0 0.0 338.5
130 129.8 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.112 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042302.D
Acq: 12 Jul 2024 15:02

Tgt Ion: 65 Resp: 55738
Ion Ratio Lower Upper
65 100
67 54.4 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: VX042302.D

Acq: 12 Jul 2024 15:02

Instrument :

MSVOA_X

ClientSampleId :

IBLK

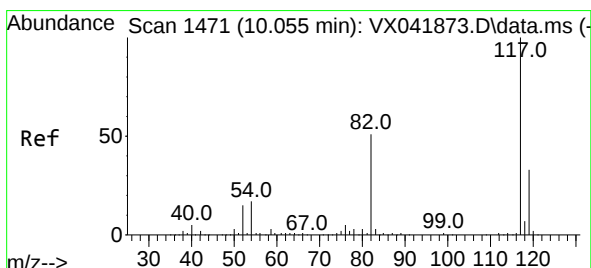
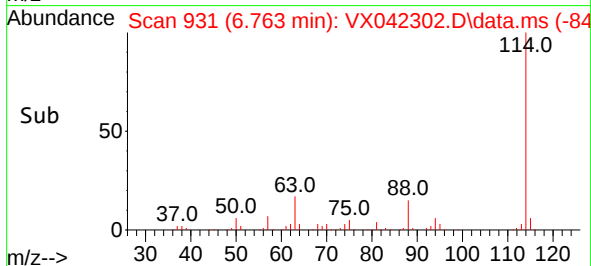
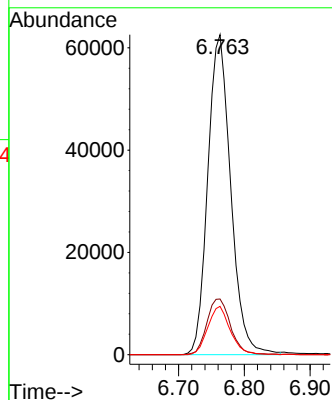
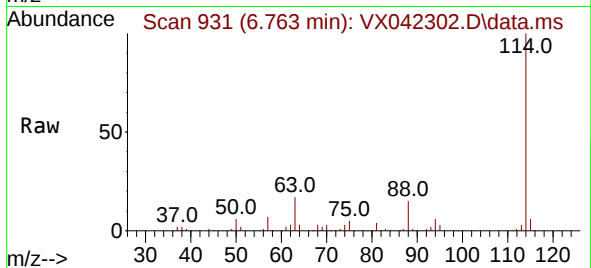
Tgt Ion:114 Resp: 151699

Ion Ratio Lower Upper

114 100

63 17.9 14.6 21.8

88 14.8 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: VX042302.D

Acq: 12 Jul 2024 15:02

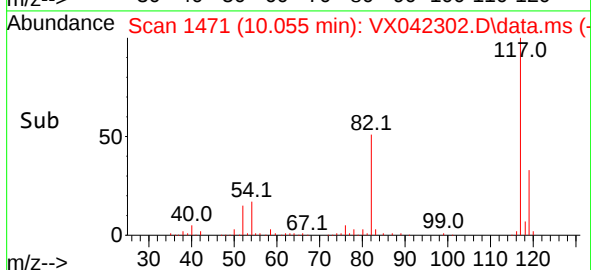
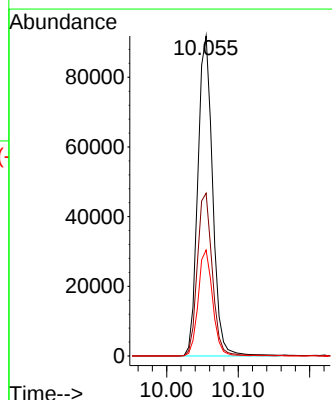
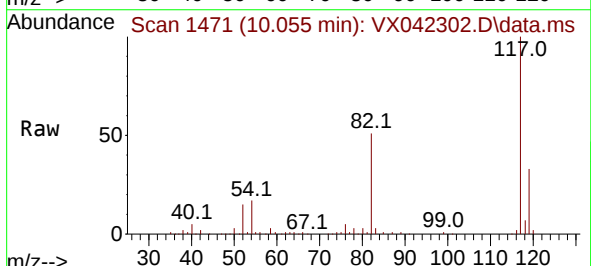
Tgt Ion:117 Resp: 132060

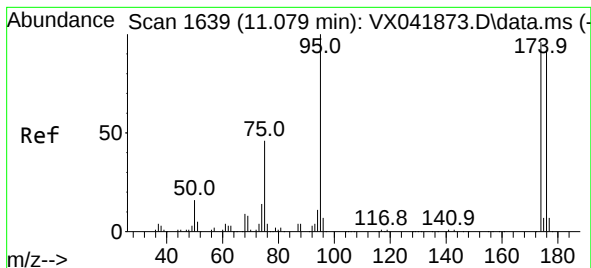
Ion Ratio Lower Upper

117 100

82 51.2 41.1 61.7

119 32.3 26.1 39.1

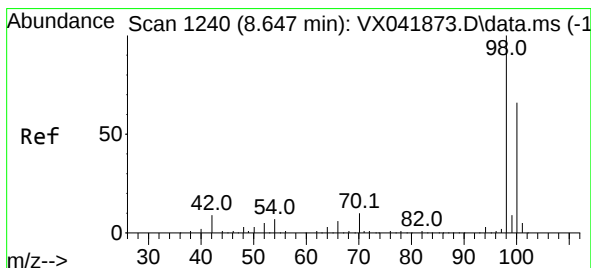
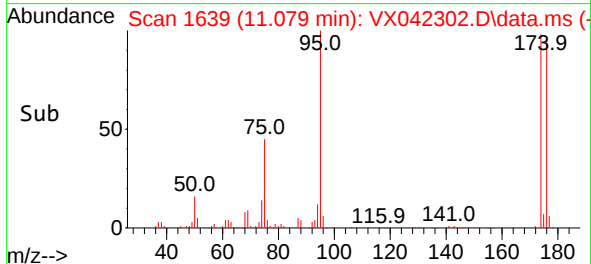
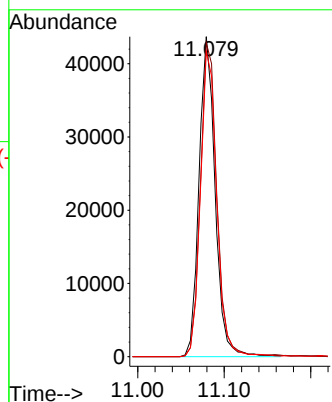
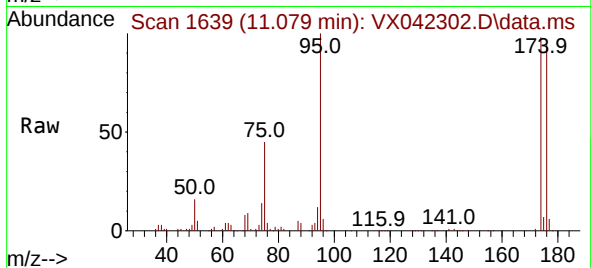




#60
4-Bromofluorobenzene
Concen: 27.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042302.D
Acq: 12 Jul 2024 15:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 56397
Ion Ratio Lower Upper
95 100
174 99.9 78.9 118.3
176 96.1 77.1 115.7



#63
Toluene-d8
Concen: 30.029 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042302.D
Acq: 12 Jul 2024 15:02

Tgt Ion: 98 Resp: 169662
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1

