

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044859.D
 Acq On : 07 Feb 2025 11:24
 Operator : JC/MD
 Sample : VX0207WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBL01

Quant Time: Feb 07 22:13:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	20510	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	114099	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	99648	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	58004	29.295	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.633%
60) 4-Bromofluorobenzene	11.079	95	60822	31.424	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	104.733%
63) Toluene-d8	8.647	98	164674	30.384	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.267%

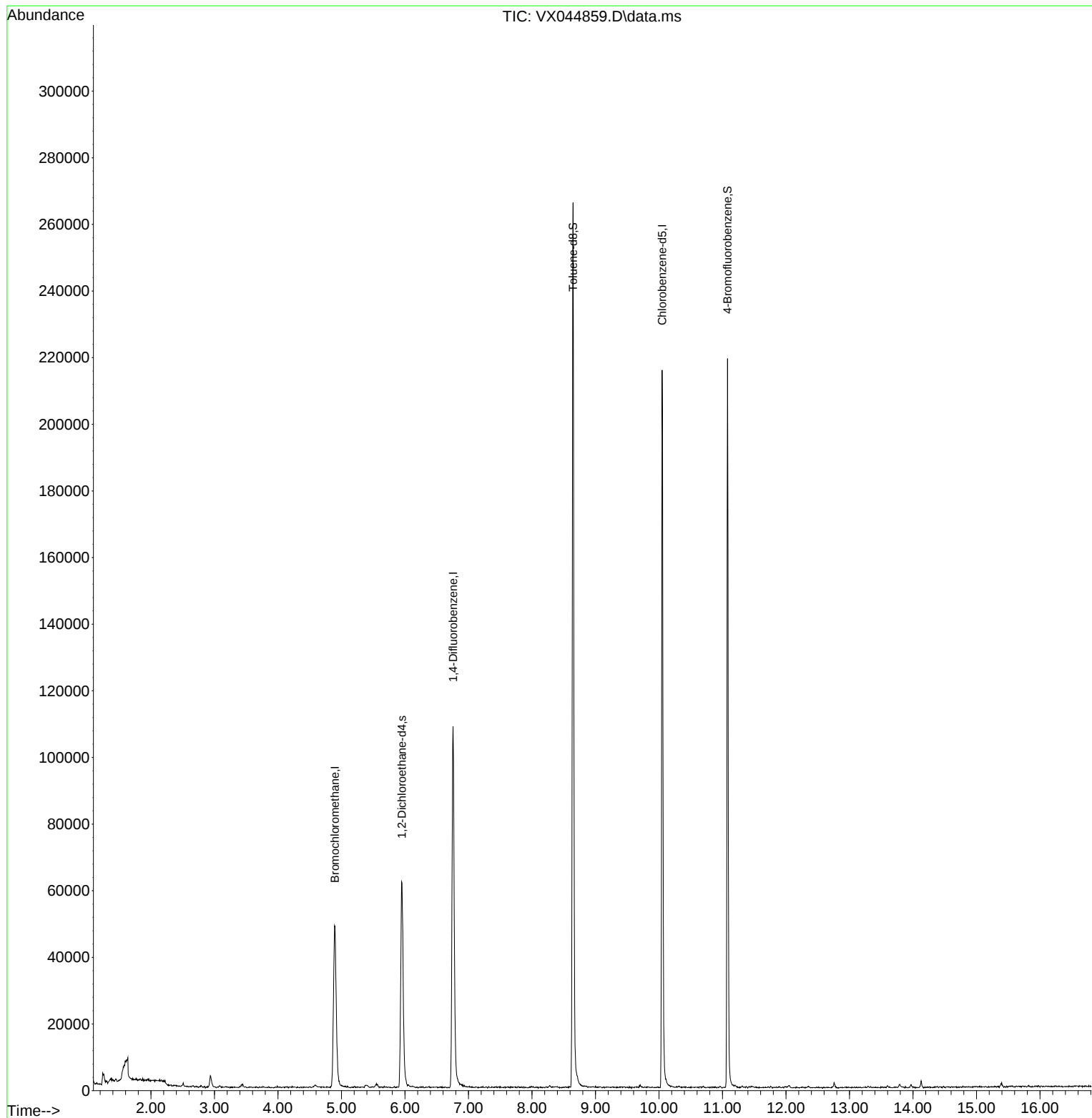
Target Compounds	Qvalue

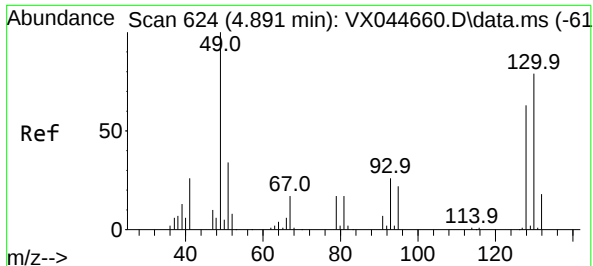
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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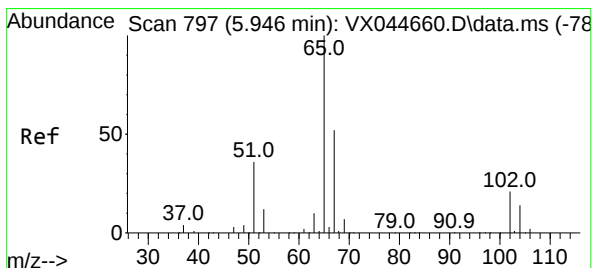
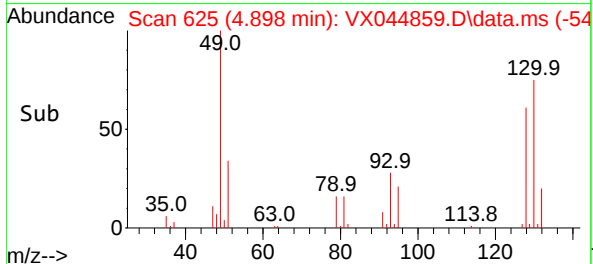
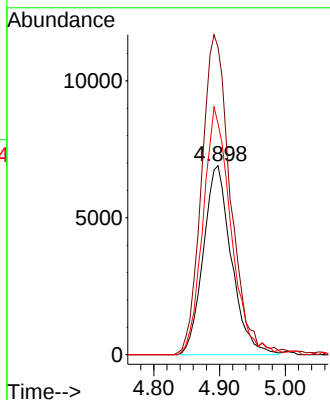
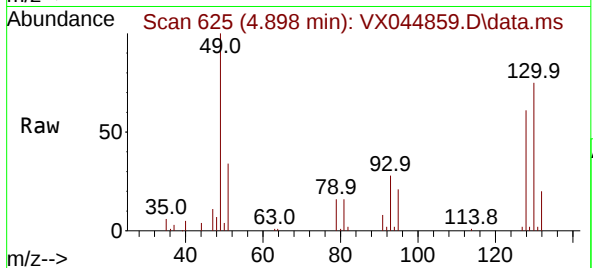




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX044859.D
Acq: 07 Feb 2025 11:24

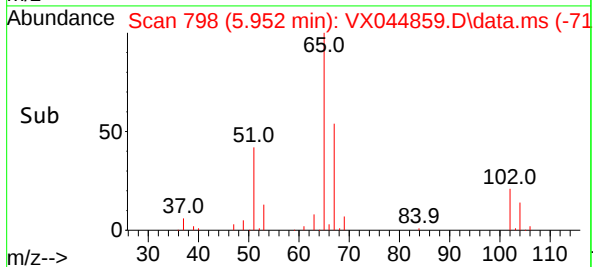
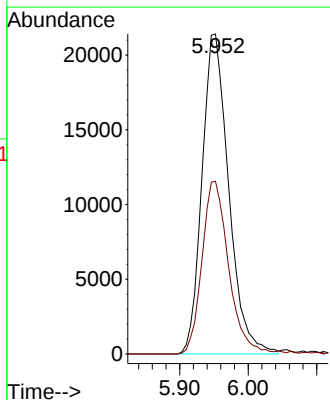
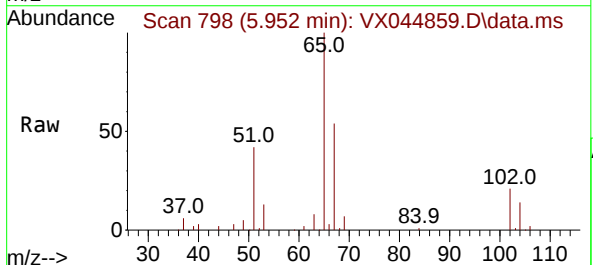
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBL01

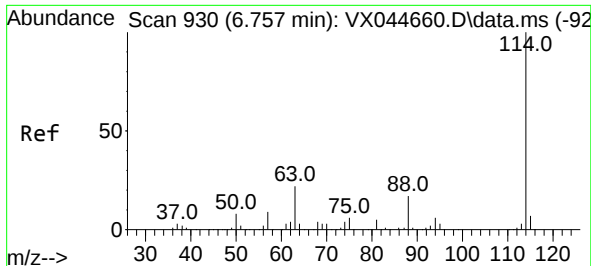
Tgt Ion:128 Resp: 20510
Ion Ratio Lower Upper
128 100
49 171.6 0.0 411.5
130 128.1 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 29.295 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044859.D
Acq: 07 Feb 2025 11:24

Tgt Ion: 65 Resp: 58004
Ion Ratio Lower Upper
65 100
67 53.8 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX044859.D

Acq: 07 Feb 2025 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBL01

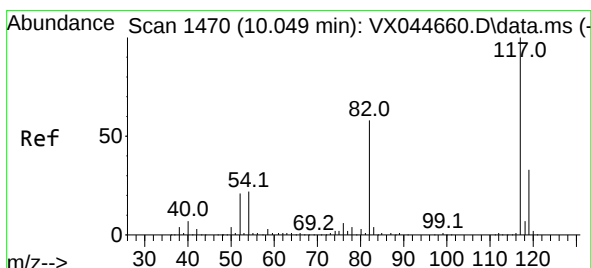
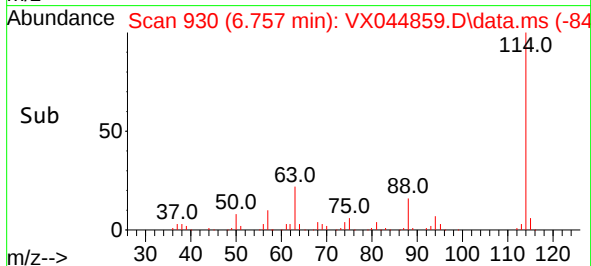
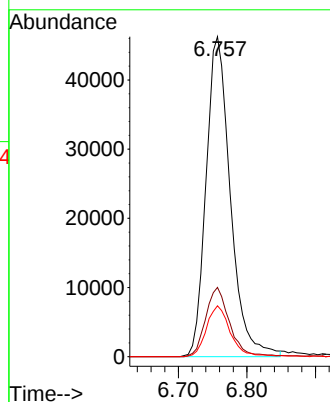
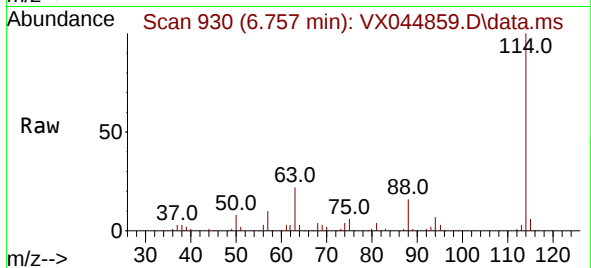
Tgt Ion:114 Resp: 114099

Ion Ratio Lower Upper

114 100

63 21.3 16.6 24.8

88 15.3 13.4 20.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044859.D

Acq: 07 Feb 2025 11:24

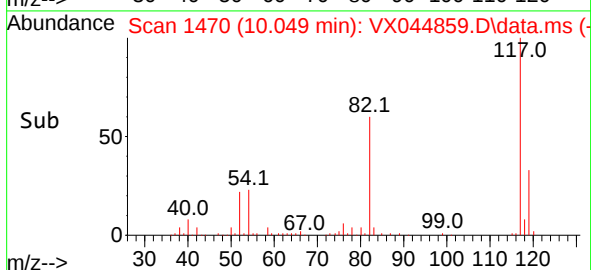
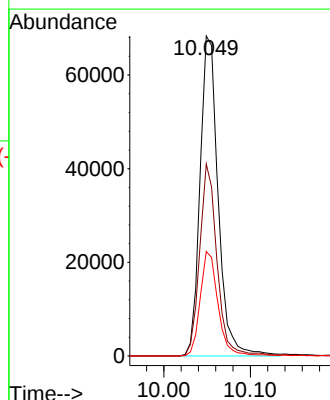
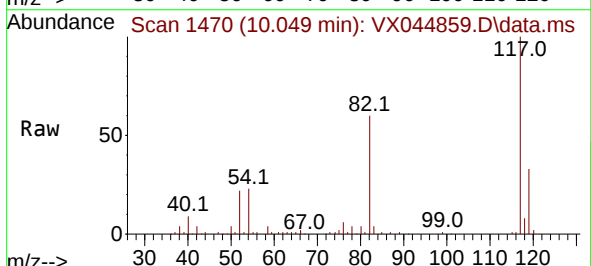
Tgt Ion:117 Resp: 99648

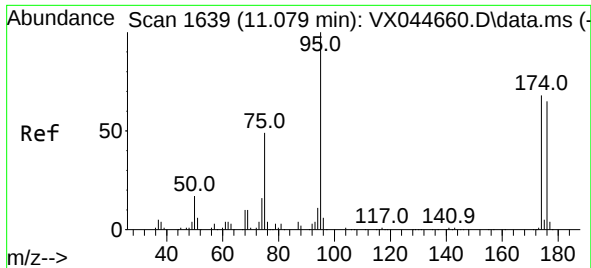
Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.6

119 32.0 25.8 38.6

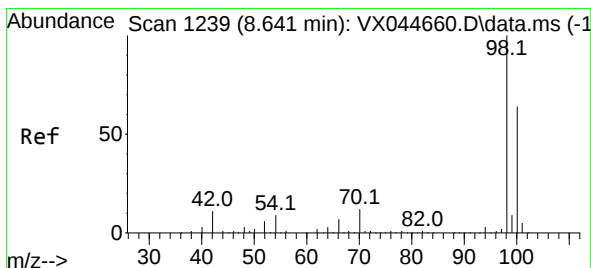
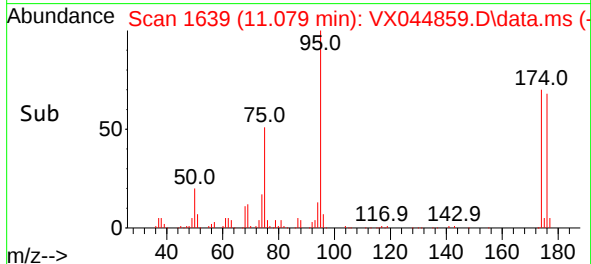
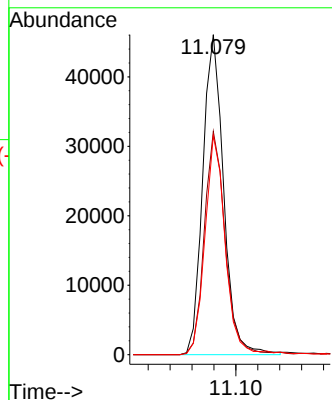
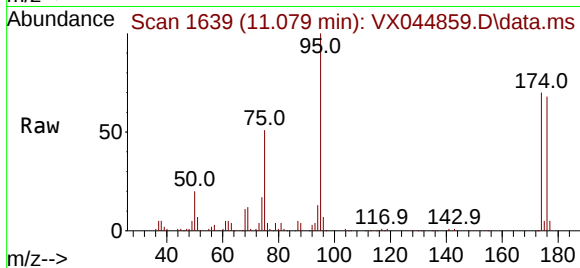




#60
4-Bromofluorobenzene
Concen: 31.424 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044859.D
Acq: 07 Feb 2025 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBL01

Tgt Ion: 95 Resp: 60822
Ion Ratio Lower Upper
95 100
174 69.5 54.6 81.8
176 65.5 52.8 79.2



#63
Toluene-d8
Concen: 30.384 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044859.D
Acq: 07 Feb 2025 11:24

Tgt Ion: 98 Resp: 164674
Ion Ratio Lower Upper
98 100
100 65.9 53.6 80.4

