

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044864.D
 Acq On : 07 Feb 2025 13:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 07 23:01:48 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	4.897	128	19332	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	112117	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	101723	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	57293	30.699	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.333%
60) 4-Bromofluorobenzene	11.079	95	53004	26.827	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.433%
63) Toluene-d8	8.647	98	164771	29.781	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.267%

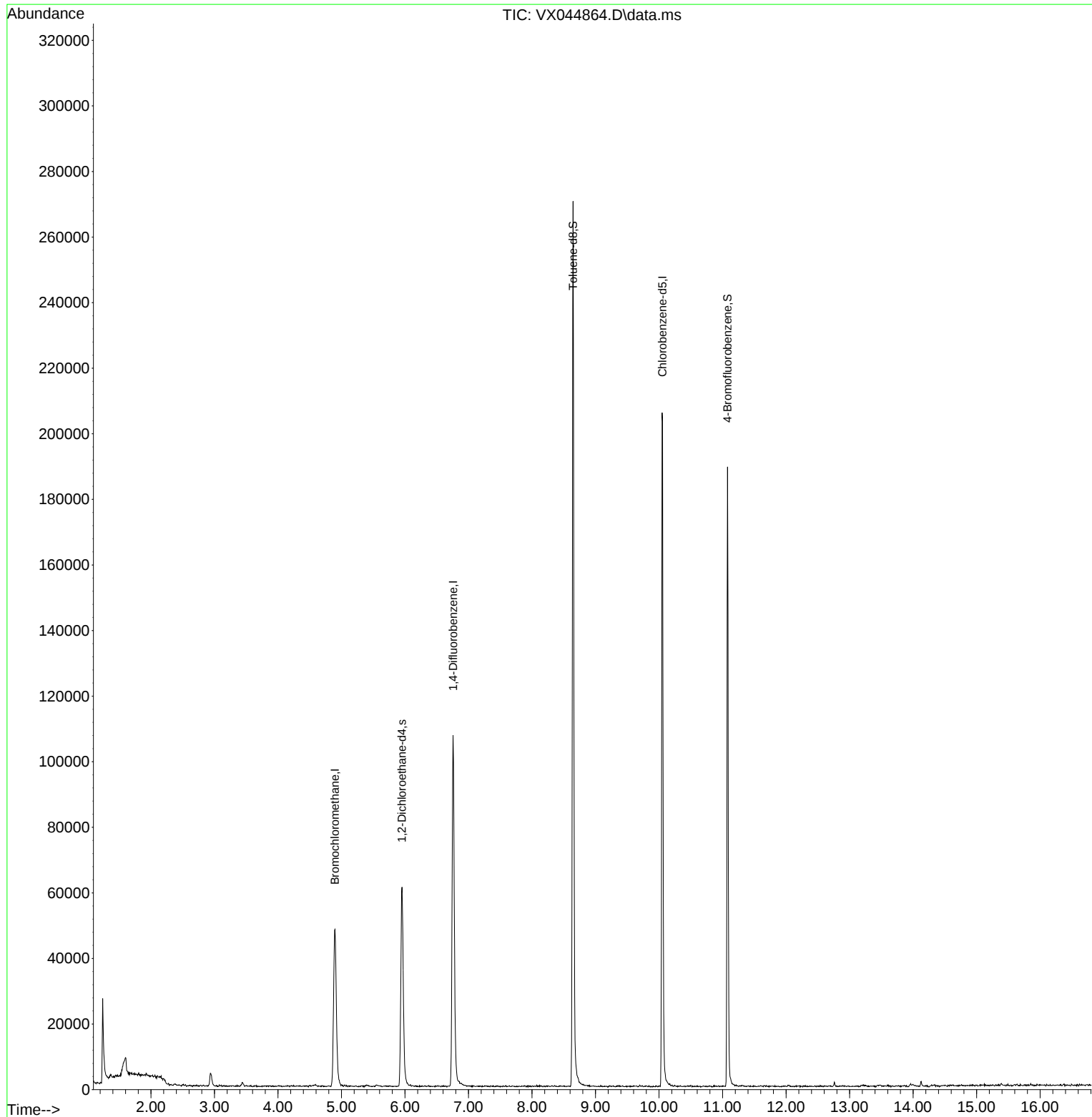
Target Compounds	Qvalue

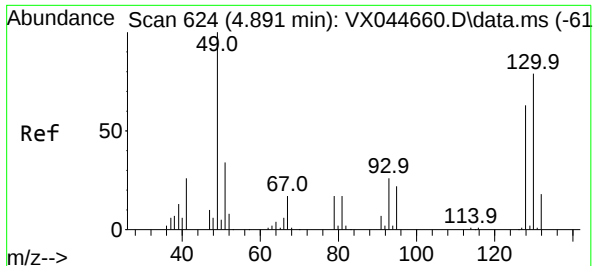
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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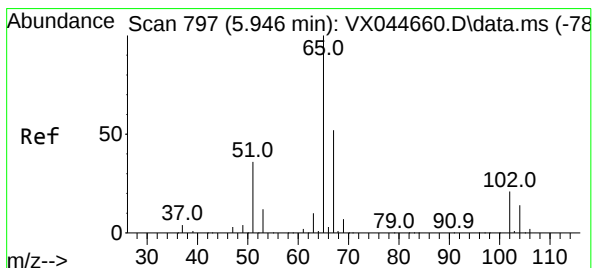
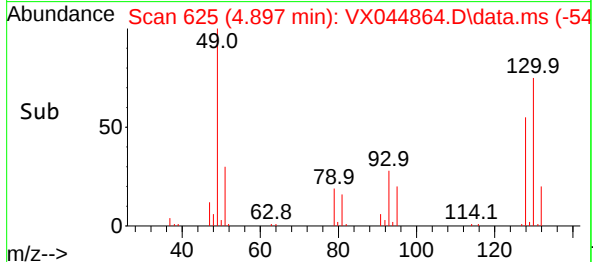
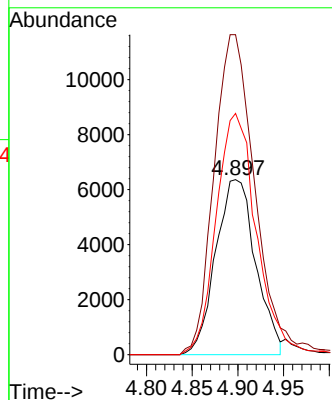
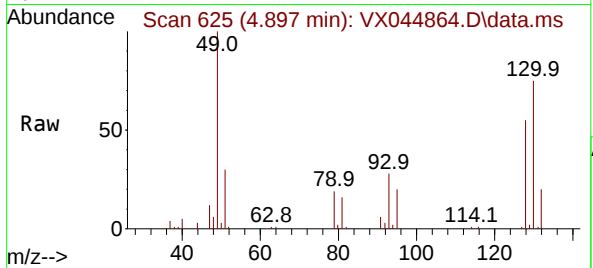




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

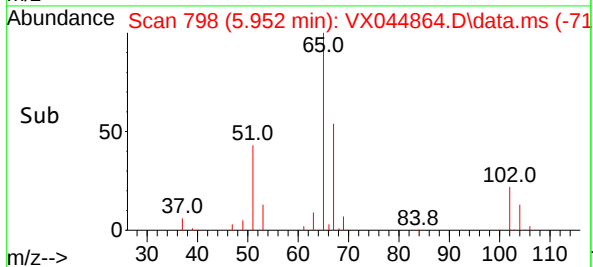
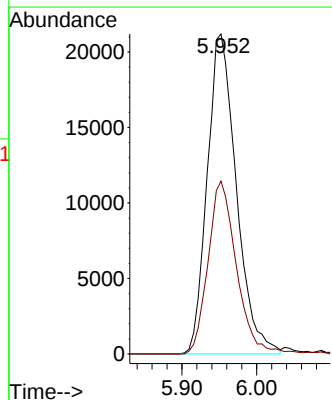
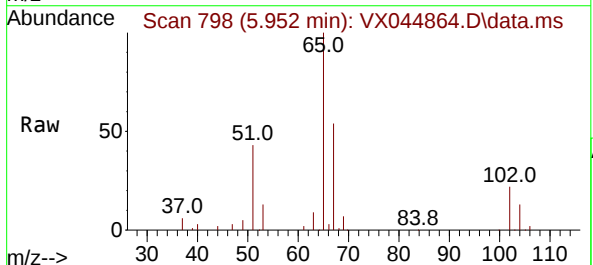
Instrument :
MSVOA_X
ClientSampleId :
IBLK

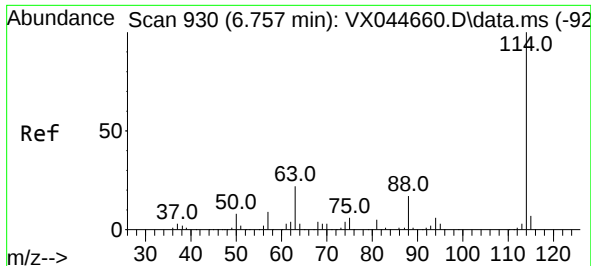
Tgt Ion:128 Resp: 19332
Ion Ratio Lower Upper
128 100
49 185.3 0.0 411.5
130 139.4 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 30.699 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 65 Resp: 57293
Ion Ratio Lower Upper
65 100
67 51.8 41.4 62.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 911

Delta R.T. 0.000 min

Lab File: VX044864.D

Acq: 07 Feb 2025 13:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK

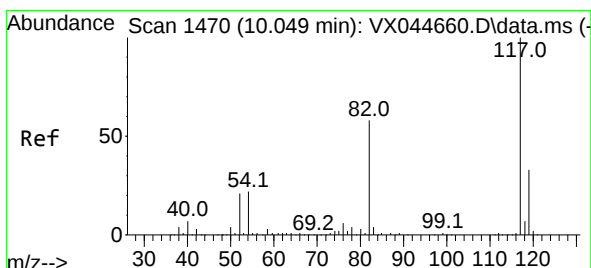
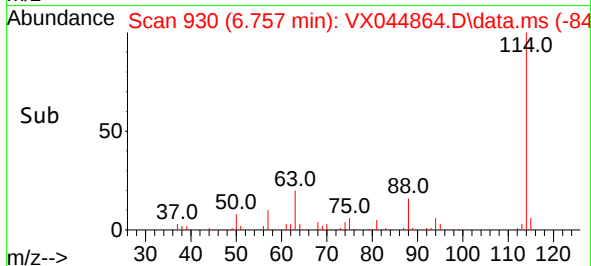
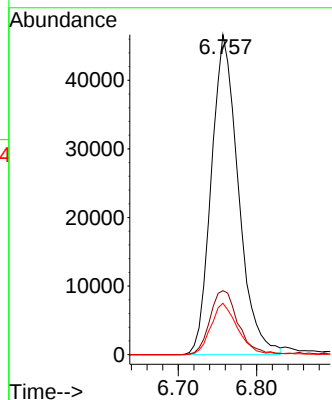
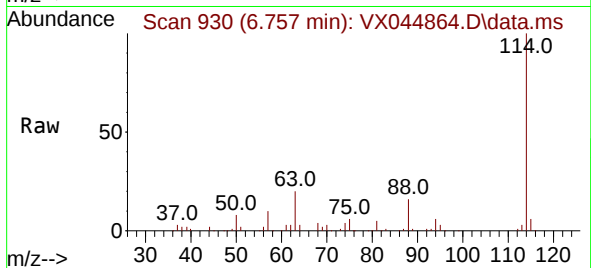
Tgt Ion:114 Resp: 112117

Ion Ratio Lower Upper

114 100

63 20.9 16.6 24.8

88 15.9 13.4 20.2



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044864.D

Acq: 07 Feb 2025 13:25

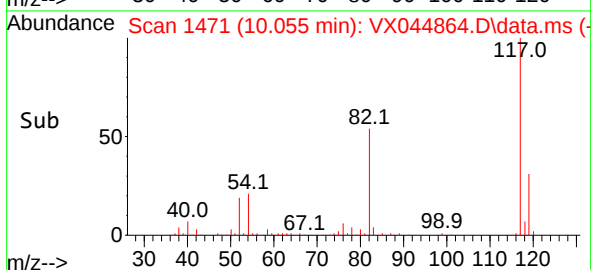
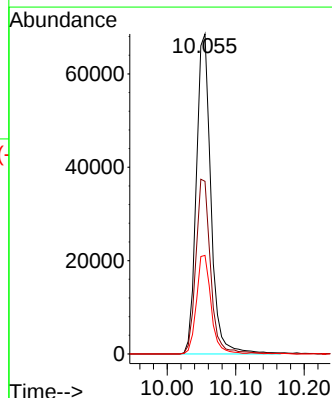
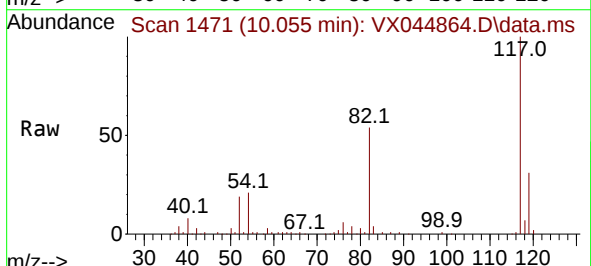
Tgt Ion:117 Resp: 101723

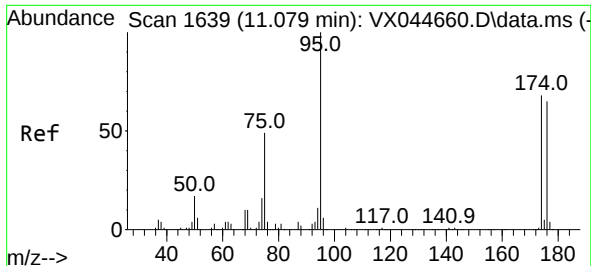
Ion Ratio Lower Upper

117 100

82 54.8 45.8 68.6

119 30.8 25.8 38.6

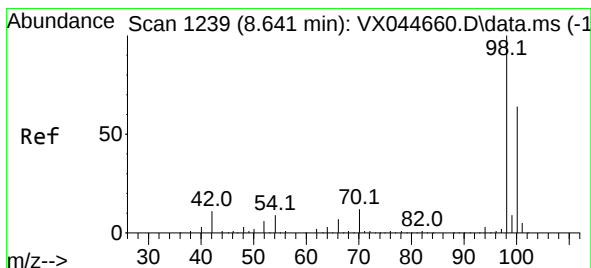
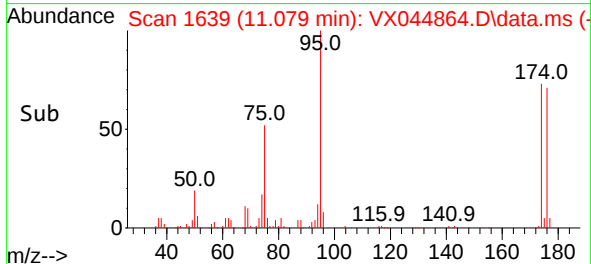
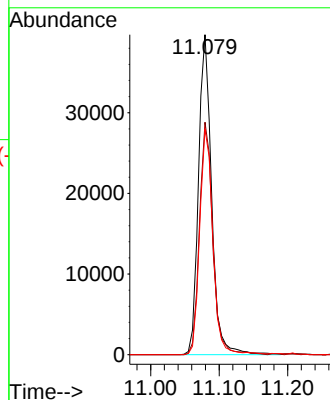
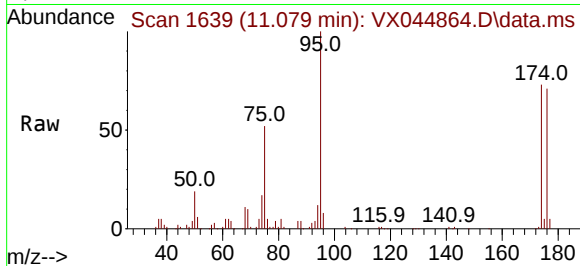




#60
4-Bromofluorobenzene
Concen: 26.827 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 53004
Ion Ratio Lower Upper
95 100
174 73.6 54.6 81.8
176 70.3 52.8 79.2



#63
Toluene-d8
Concen: 29.781 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044864.D
Acq: 07 Feb 2025 13:25

Tgt Ion: 98 Resp: 164771
Ion Ratio Lower Upper
98 100
100 64.4 53.6 80.4

