

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031425\
 Data File : VX045288.D
 Acq On : 14 Mar 2025 11:40
 Operator : JC/MD
 Sample : VX0314WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBL01

Quant Time: Mar 15 03:56:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X022125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 01:06:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	14558	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	75988	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	67387	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46128	32.623	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.733%
60) 4-Bromofluorobenzene	11.079	95	34413	27.322	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.067%
63) Toluene-d8	8.647	98	114622	30.746	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.500%

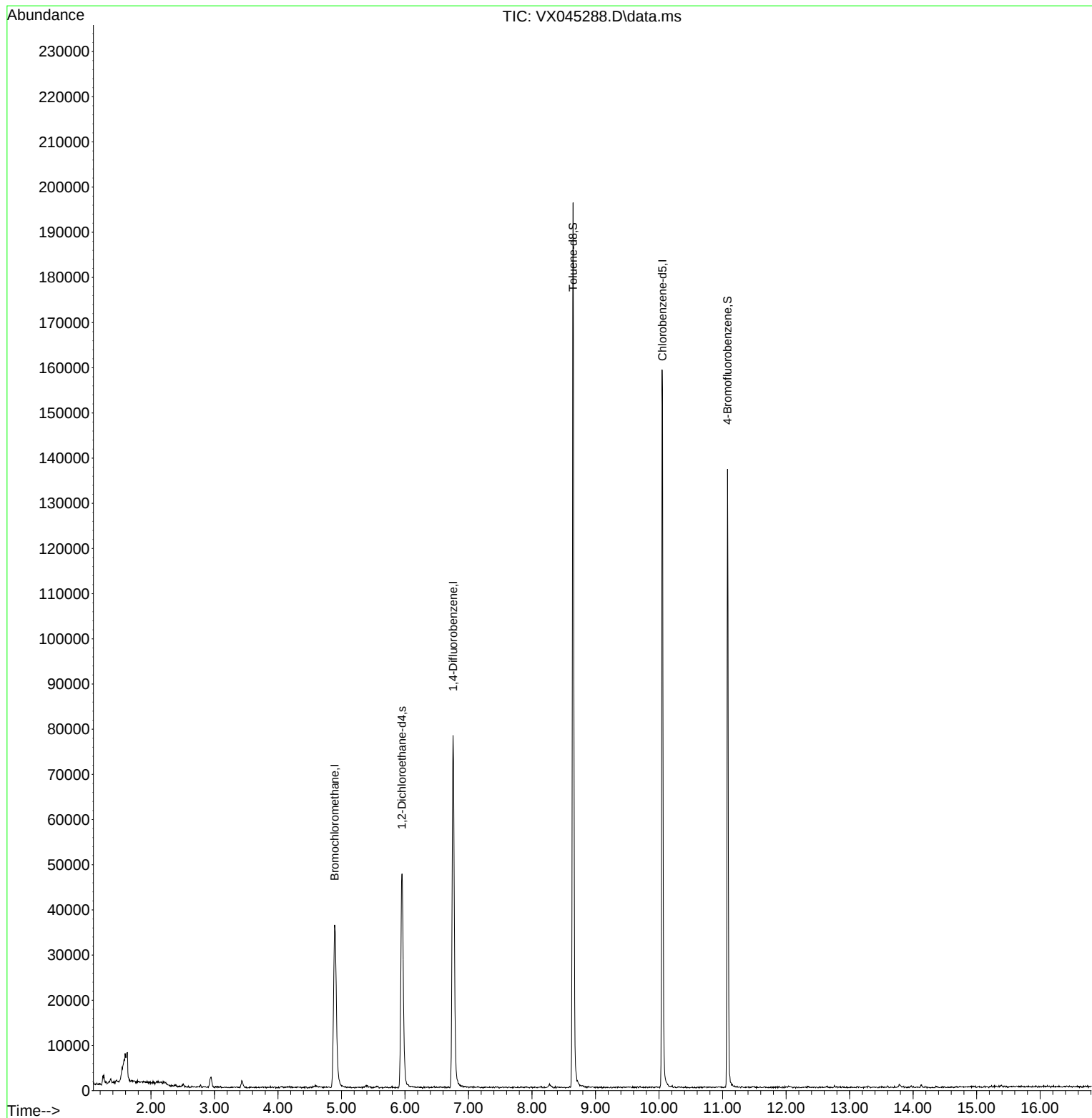
Target Compounds	Qvalue

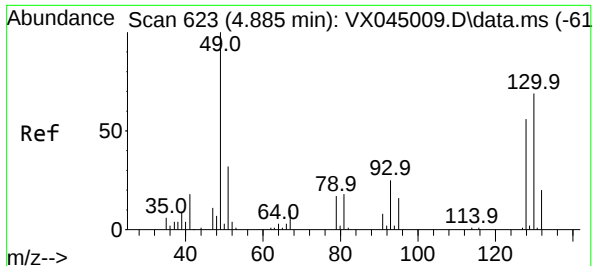
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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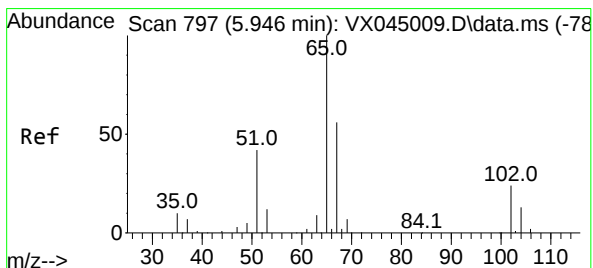
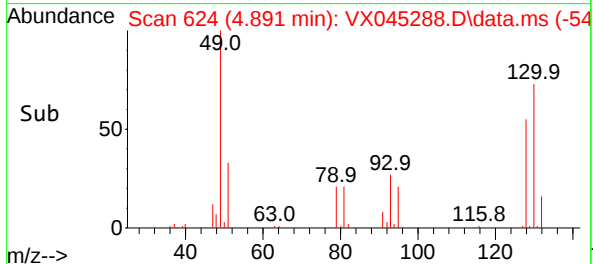
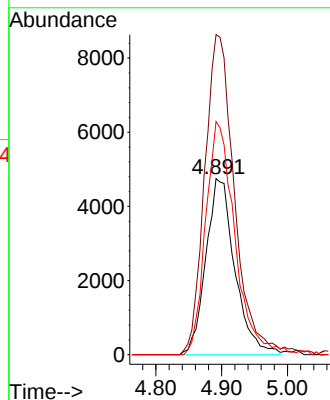
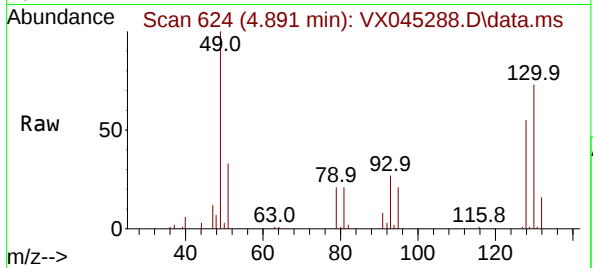




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045288.D
Acq: 14 Mar 2025 11:40

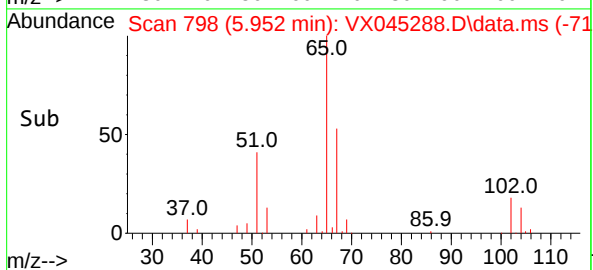
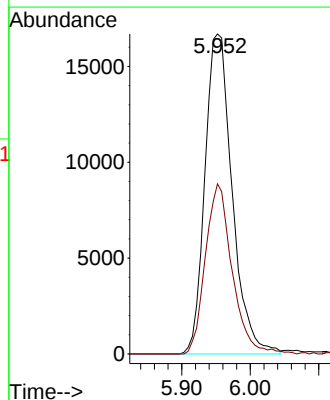
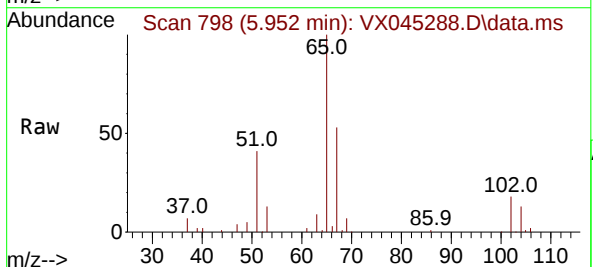
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

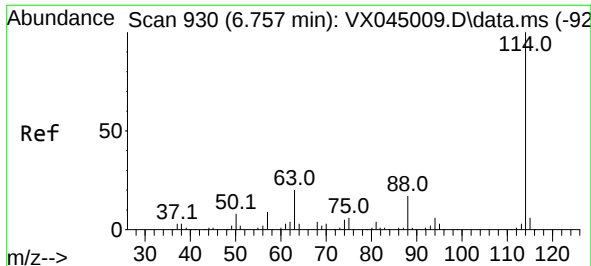
Tgt Ion:128 Resp: 14558
Ion Ratio Lower Upper
128 100
49 185.5 0.0 449.7
130 133.7 0.0 312.7



#27
1,2-Dichloroethane-d4
Concen: 32.623 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045288.D
Acq: 14 Mar 2025 11:40

Tgt Ion: 65 Resp: 46128
Ion Ratio Lower Upper
65 100
67 52.2 42.6 64.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045288.D

Acq: 14 Mar 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBL01

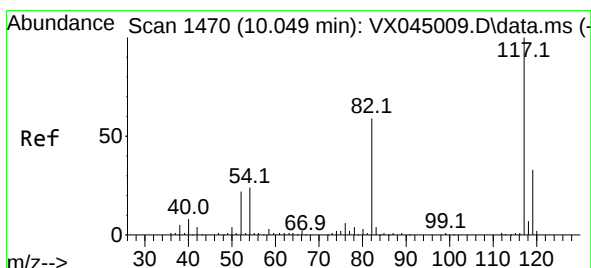
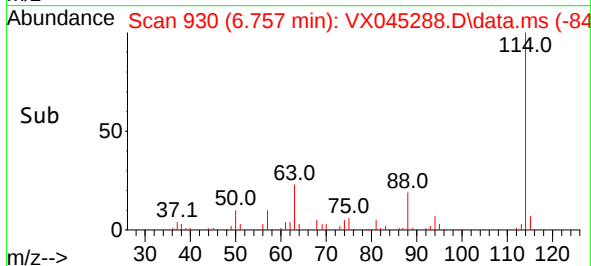
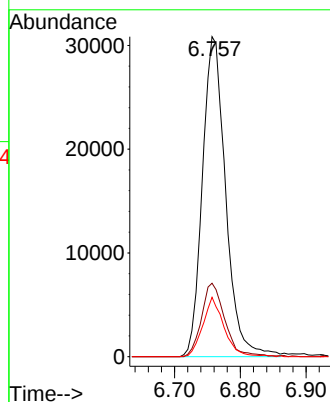
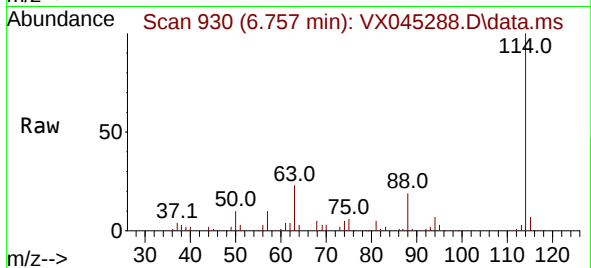
Tgt Ion:114 Resp: 75988

Ion Ratio Lower Upper

114 100

63 22.8 16.8 25.2

88 16.8 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045288.D

Acq: 14 Mar 2025 11:40

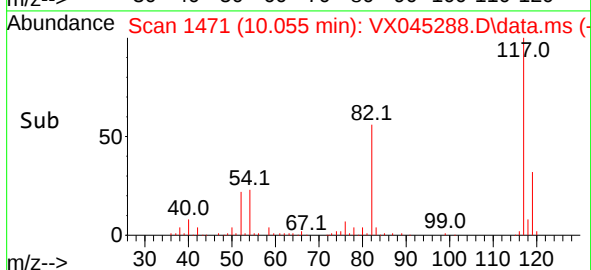
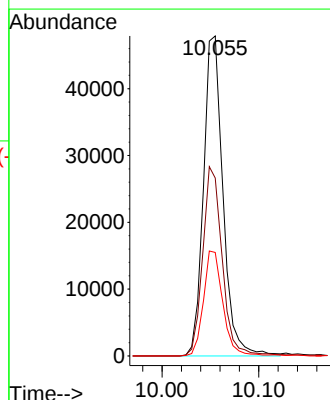
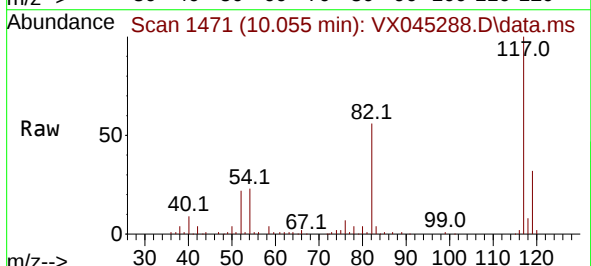
Tgt Ion:117 Resp: 67387

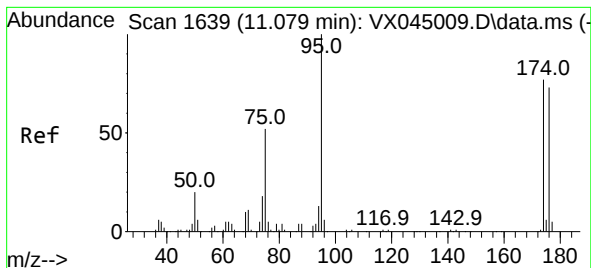
Ion Ratio Lower Upper

117 100

82 59.3 45.8 68.8

119 32.4 25.5 38.3

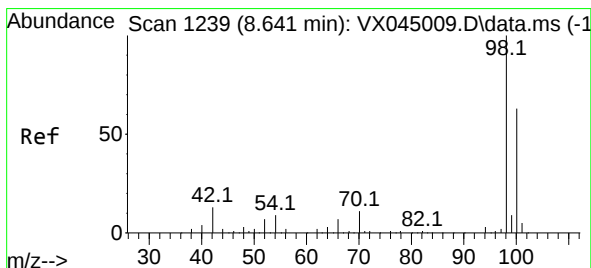
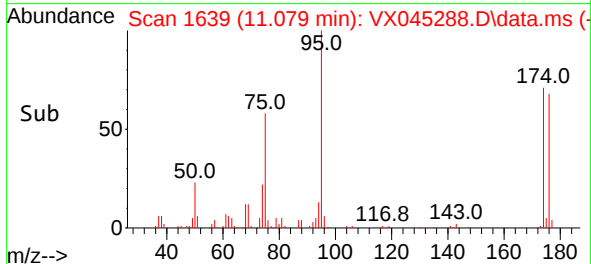
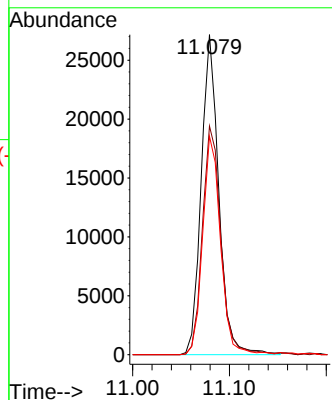
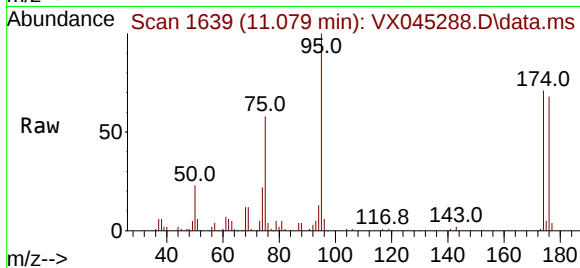




#60
4-Bromofluorobenzene
Concen: 27.322 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045288.D
Acq: 14 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBL01

Tgt Ion: 95 Resp: 34413
Ion Ratio Lower Upper
95 100
174 75.1 59.5 89.3
176 69.0 55.5 83.3



#63
Toluene-d8
Concen: 30.746 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX045288.D
Acq: 14 Mar 2025 11:40

Tgt Ion: 98 Resp: 114622
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

