

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039676.D
 Acq On : 09 Jan 2024 13:38
 Operator : JC/MD
 Sample : VX0109WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBL01

Quant Time: Jan 10 05:33:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X010824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jan 09 06:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	7887	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	65991	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	73532	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	37382	30.233	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.767%
60) 4-Bromofluorobenzene	11.079	95	43103	26.577	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.600%
63) Toluene-d8	8.647	98	93090	30.792	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.633%

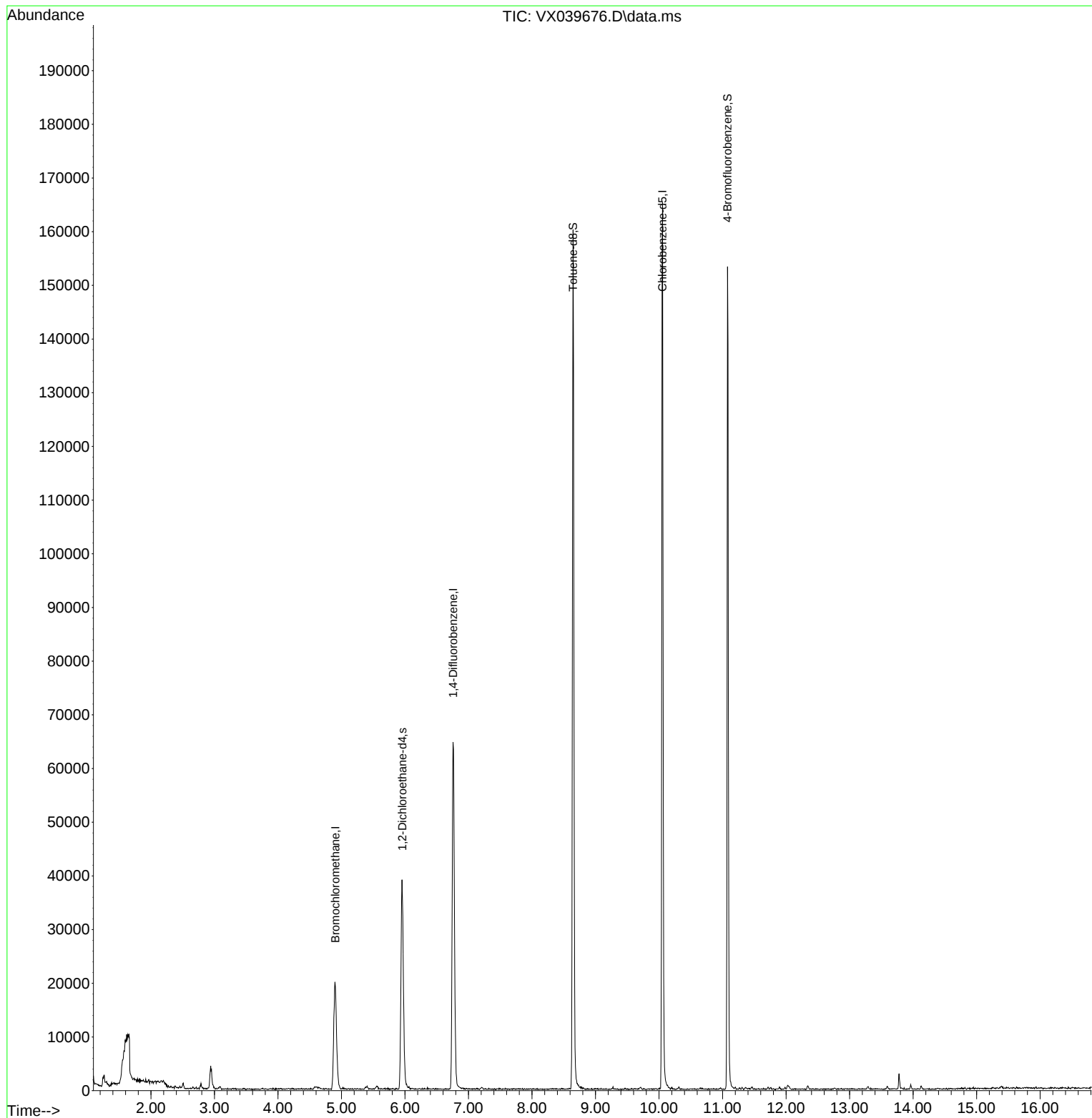
Target Compounds	Qvalue

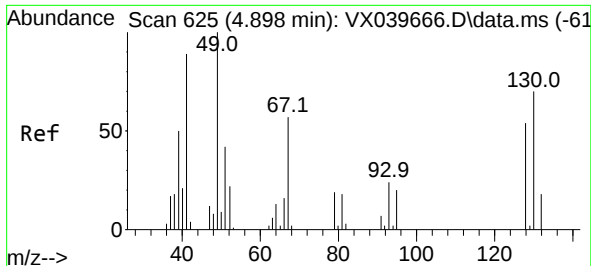
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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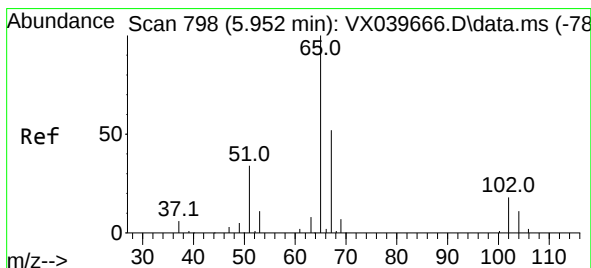
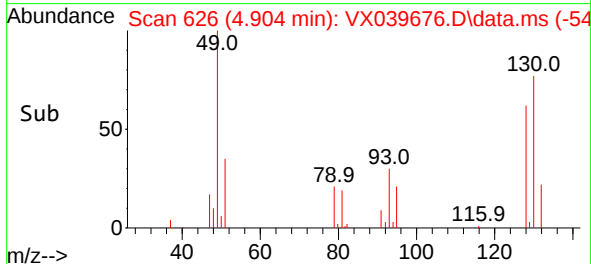
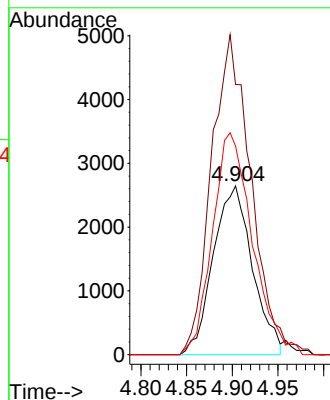
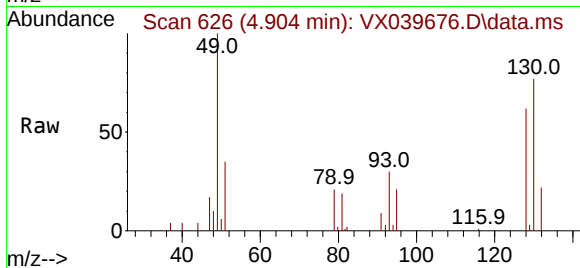




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039676.D
Acq: 09 Jan 2024 13:38

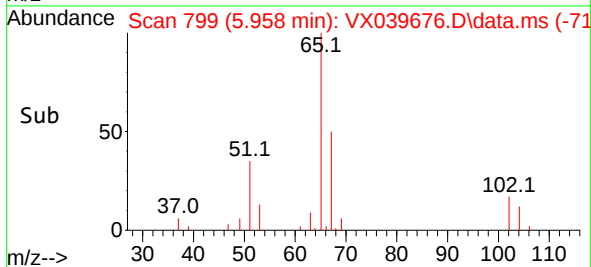
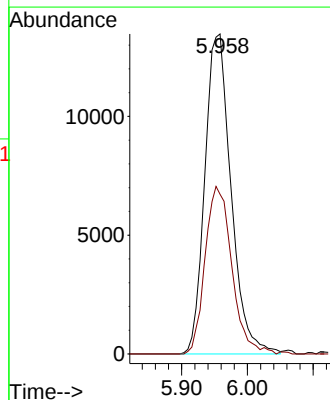
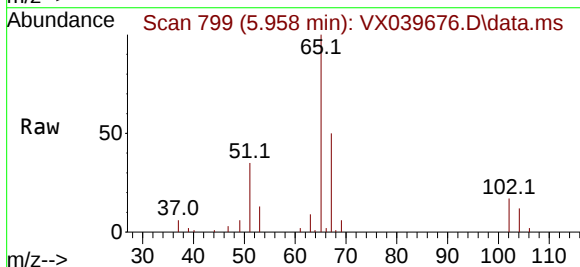
Instrument :
MSVOA_X
ClientSampleId :
VX0109WBL01

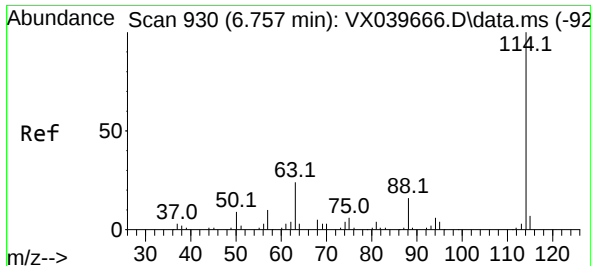
Tgt Ion:128 Resp: 7887
Ion Ratio Lower Upper
128 100
49 190.2 0.0 444.0
130 132.6 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 30.233 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039676.D
Acq: 09 Jan 2024 13:38

Tgt Ion: 65 Resp: 37382
Ion Ratio Lower Upper
65 100
67 52.7 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX039676.D

Acq: 09 Jan 2024 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0109WBL01

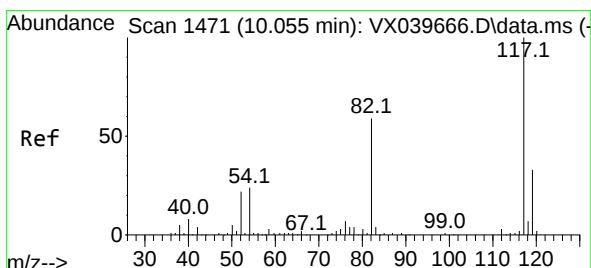
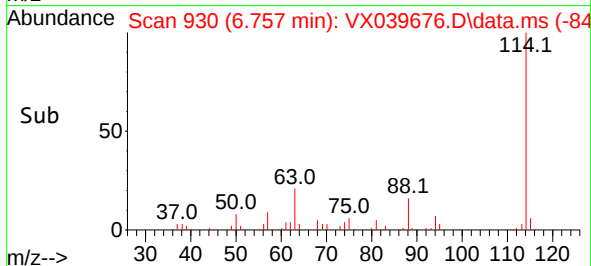
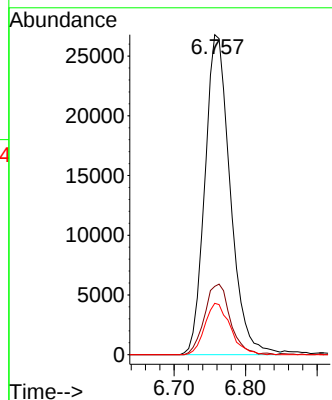
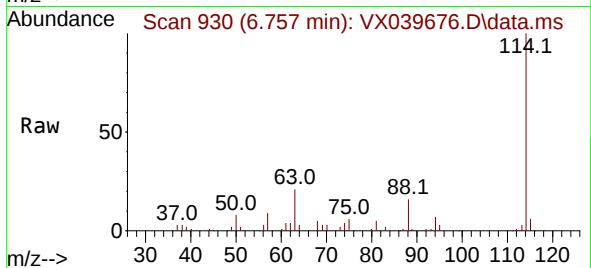
Tgt Ion:114 Resp: 65991

Ion Ratio Lower Upper

114 100

63 22.2 17.0 25.4

88 16.1 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039676.D

Acq: 09 Jan 2024 13:38

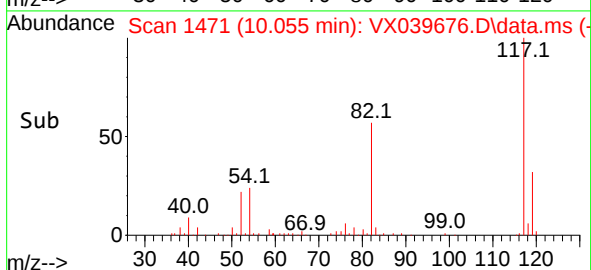
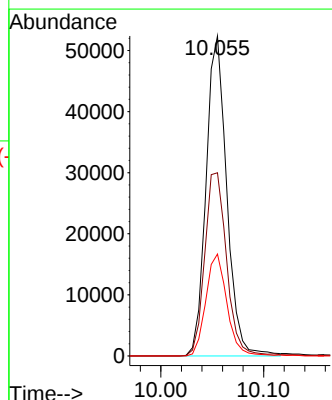
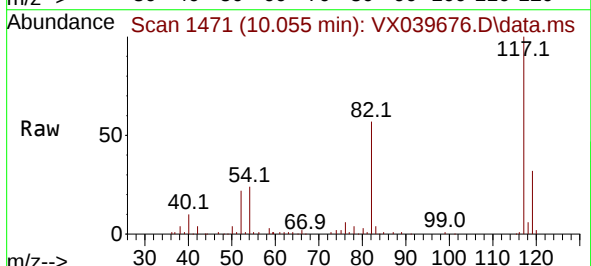
Tgt Ion:117 Resp: 73532

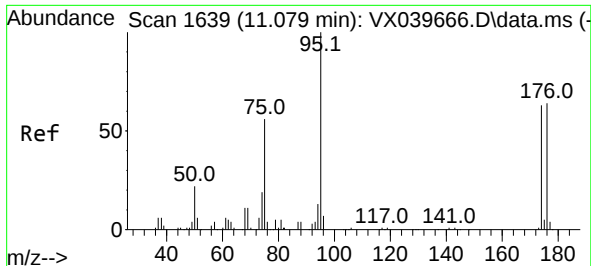
Ion Ratio Lower Upper

117 100

82 60.7 47.0 70.6

119 32.5 25.2 37.8

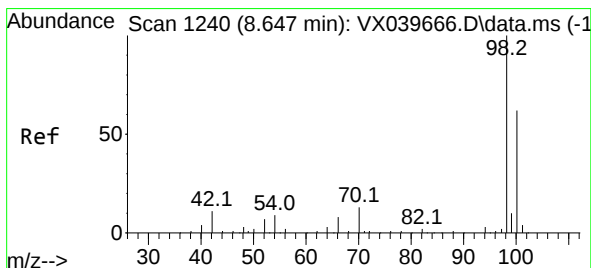
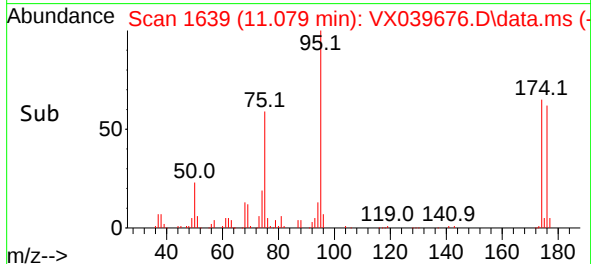
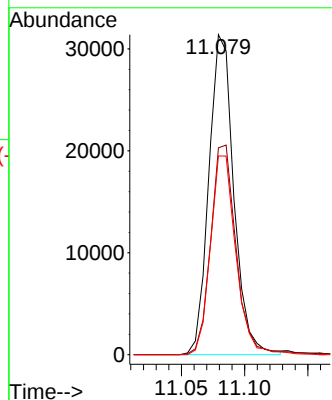
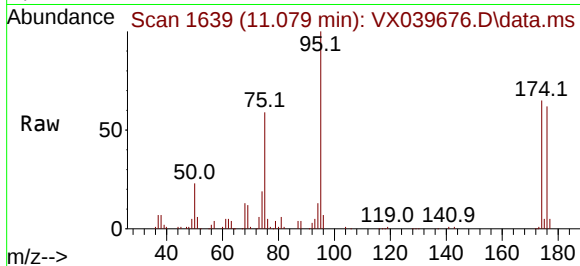




#60
4-Bromofluorobenzene
Concen: 26.577 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039676.D
Acq: 09 Jan 2024 13:38

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBL01

Tgt Ion: 95 Resp: 43103
Ion Ratio Lower Upper
95 100
174 66.3 55.4 83.2
176 63.4 52.6 78.8



#63
Toluene-d8
Concen: 30.792 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039676.D
Acq: 09 Jan 2024 13:38

Tgt Ion: 98 Resp: 93090
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

