

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039670.D
 Acq On : 08 Jan 2024 18:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 09 06:16:56 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	4.897	128	7416	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	63383	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	72117	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	38304	32.946	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.833%
60) 4-Bromofluorobenzene	11.079	95	43503	27.350	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.167%
63) Toluene-d8	8.647	98	90678	30.583	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.933%

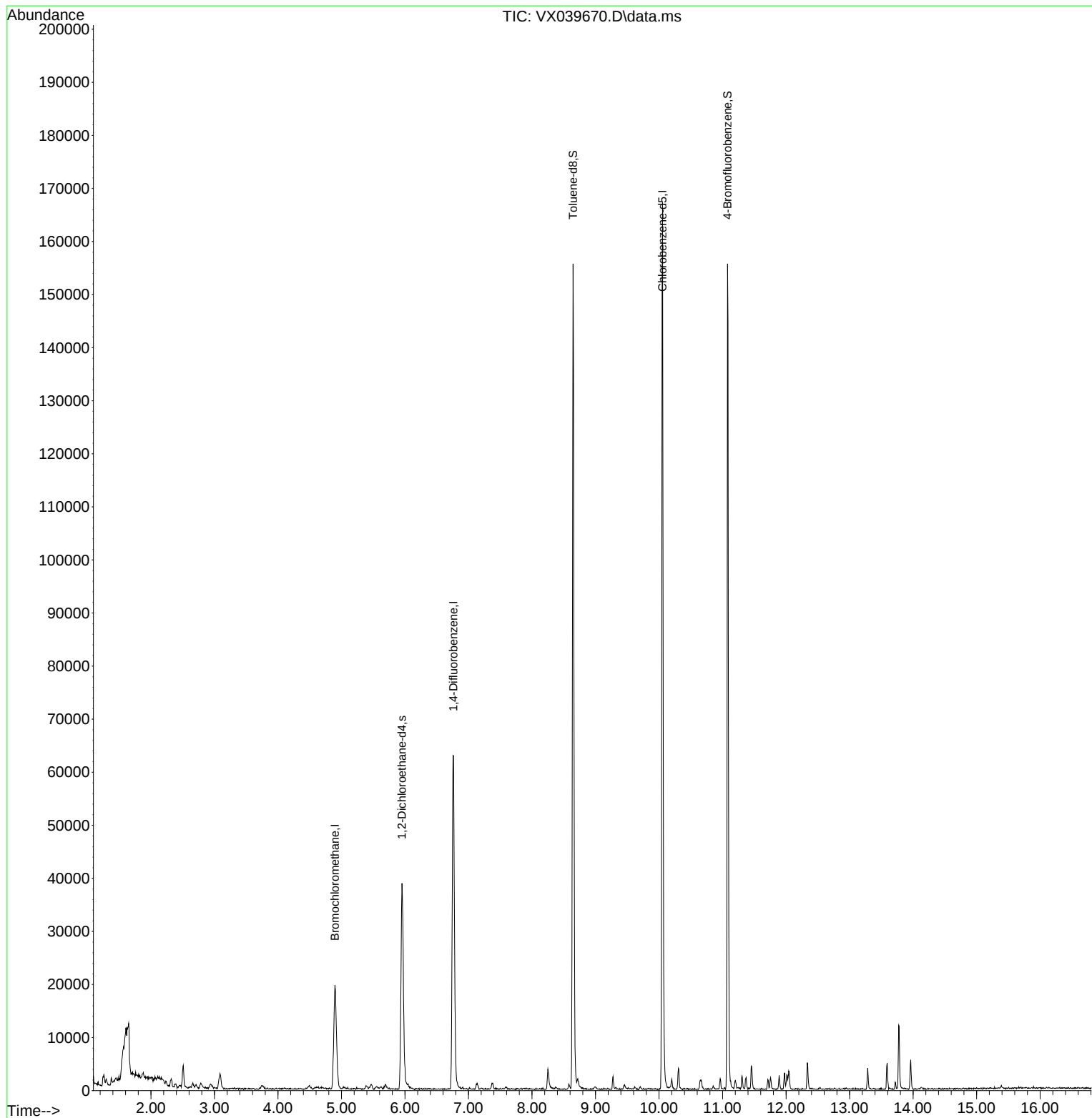
Target Compounds	Qvalue

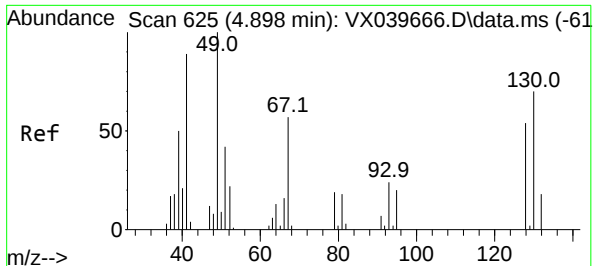
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
Data File : VX039670.D
Acq On : 08 Jan 2024 18:37
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jan 09 06:16:56 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

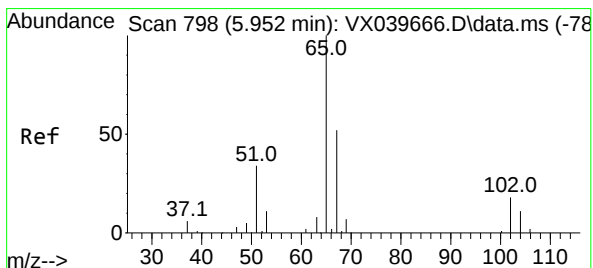
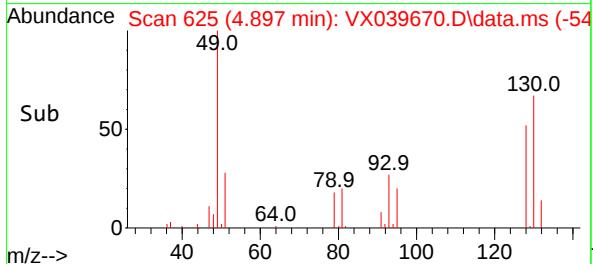
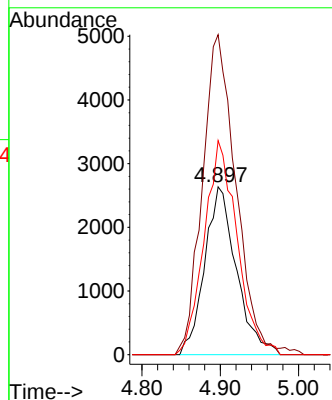
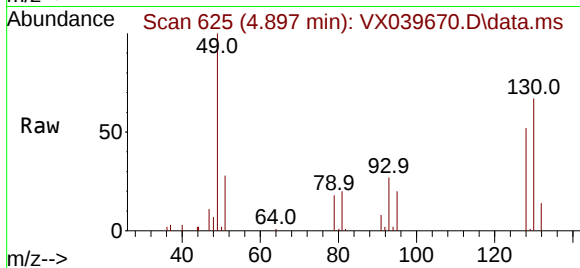




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX039670.D
Acq: 08 Jan 2024 18:37

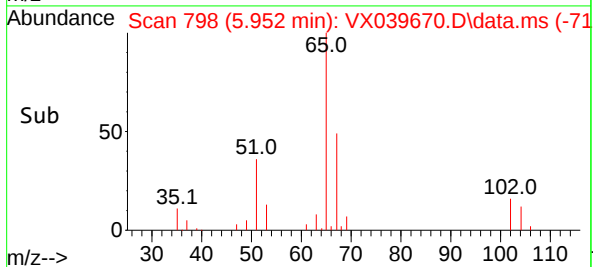
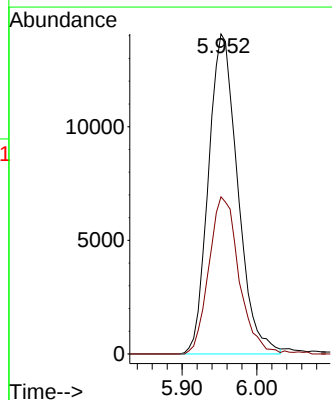
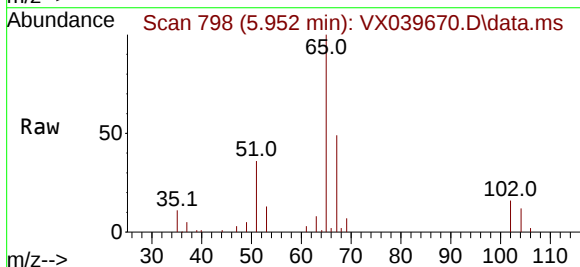
Instrument :
MSVOA_X
ClientSampleId :
IBLK

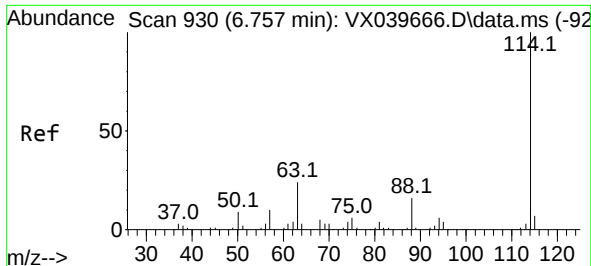
Tgt Ion:128 Resp: 7416
Ion Ratio Lower Upper
128 100
49 200.0 0.0 444.0
130 130.8 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 32.946 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039670.D
Acq: 08 Jan 2024 18:37

Tgt Ion: 65 Resp: 38304
Ion Ratio Lower Upper
65 100
67 50.1 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX039670.D

Acq: 08 Jan 2024 18:37

Instrument :

MSVOA_X

ClientSampleId :

IBLK

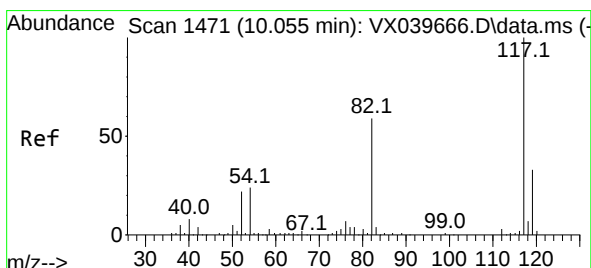
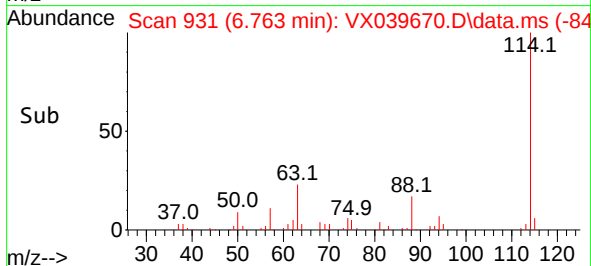
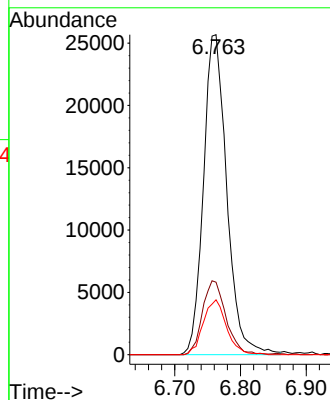
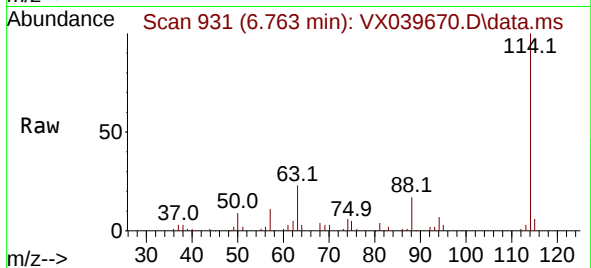
Tgt Ion:114 Resp: 63383

Ion Ratio Lower Upper

114 100

63 23.0 17.0 25.4

88 17.1 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: VX039670.D

Acq: 08 Jan 2024 18:37

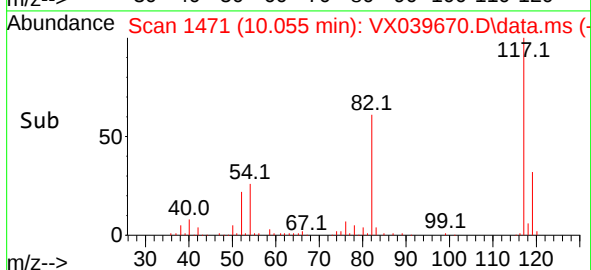
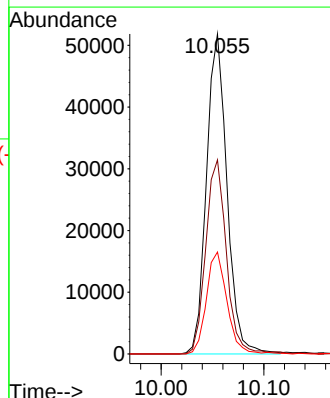
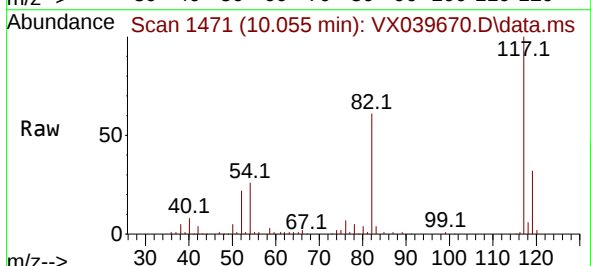
Tgt Ion:117 Resp: 72117

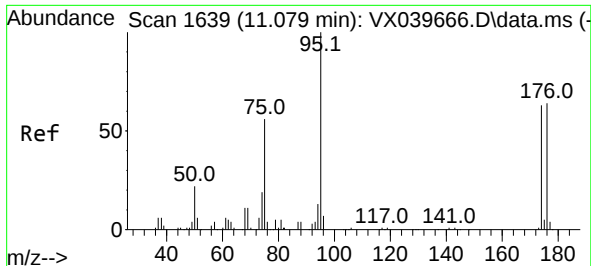
Ion Ratio Lower Upper

117 100

82 60.8 47.0 70.6

119 31.7 25.2 37.8

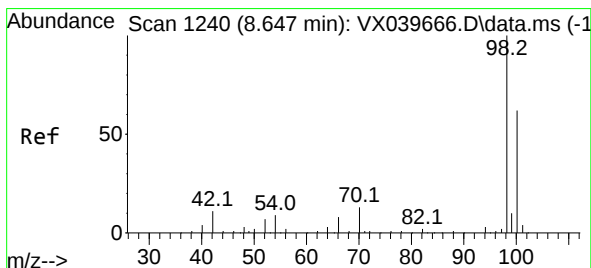
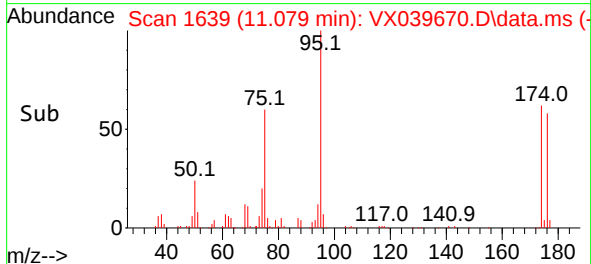
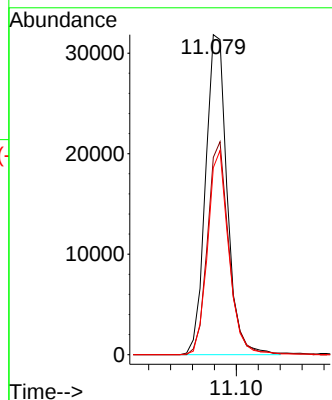
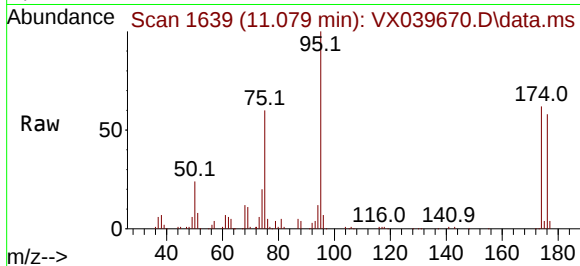




#60
4-Bromofluorobenzene
Concen: 27.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039670.D
Acq: 08 Jan 2024 18:37

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 43503
Ion Ratio Lower Upper
95 100
174 65.7 55.4 83.2
176 61.7 52.6 78.8



#63
Toluene-d8
Concen: 30.583 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039670.D
Acq: 08 Jan 2024 18:37

Tgt Ion: 98 Resp: 90678
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

