

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031424\
 Data File : VX040636.D
 Acq On : 14 Mar 2024 12:23
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 15 05:42:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	16397	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	93247	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85648	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	50646	30.926	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.100%
60) 4-Bromofluorobenzene	11.079	95	43684	29.735	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.100%
63) Toluene-d8	8.647	98	111913	29.567	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.567%

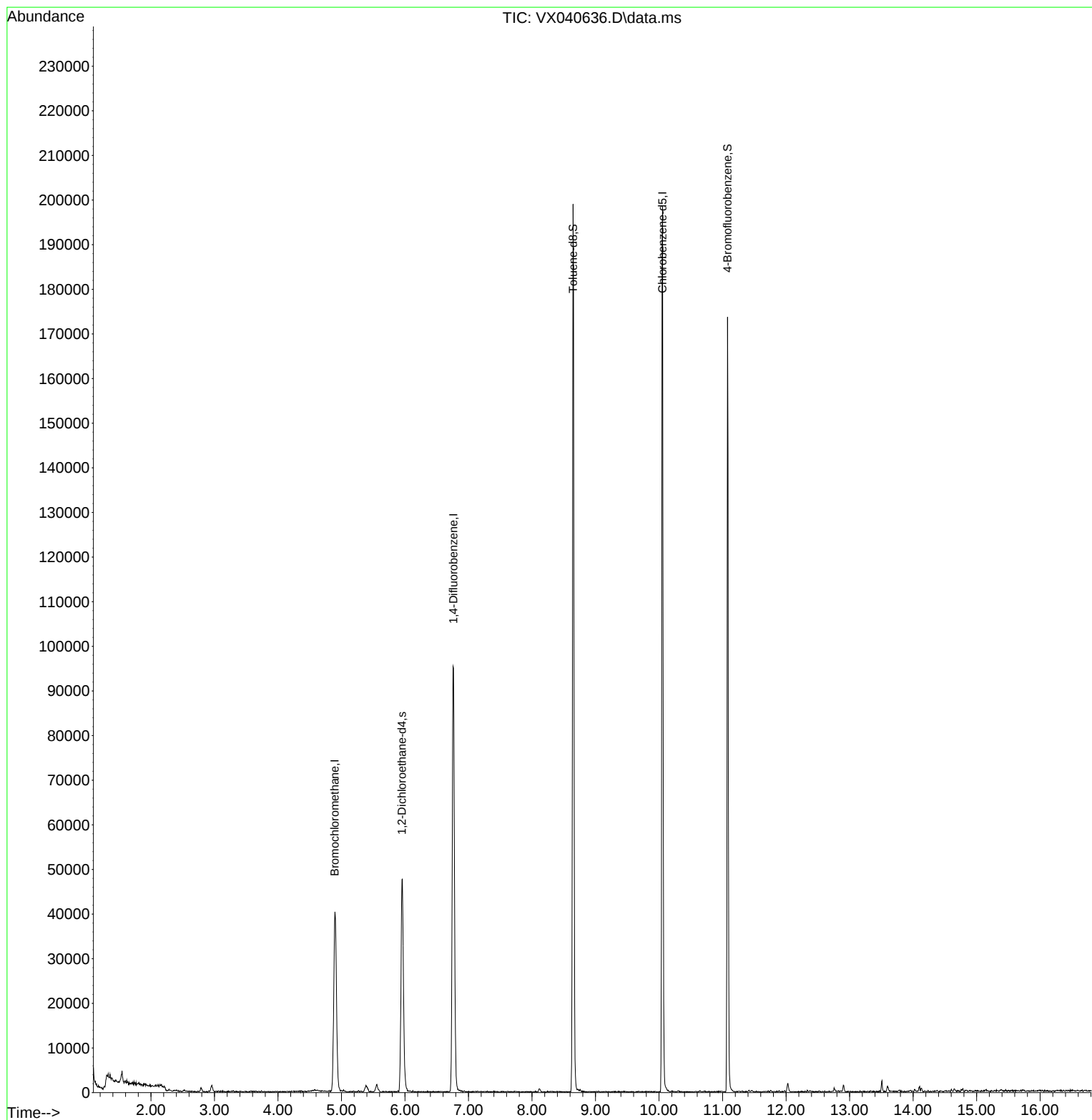
Target Compounds	Qvalue

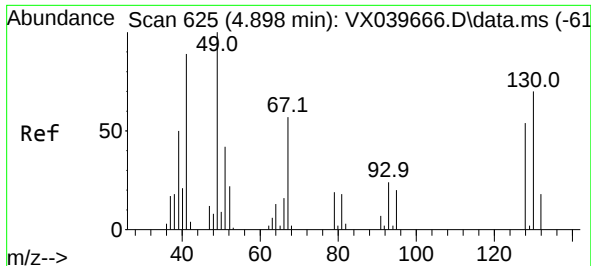
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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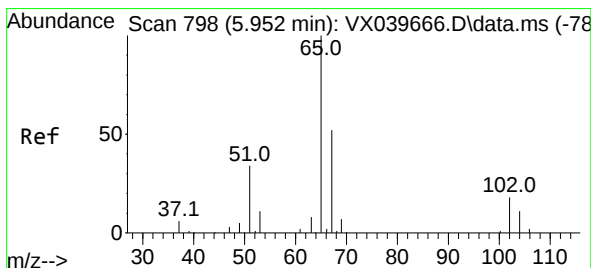
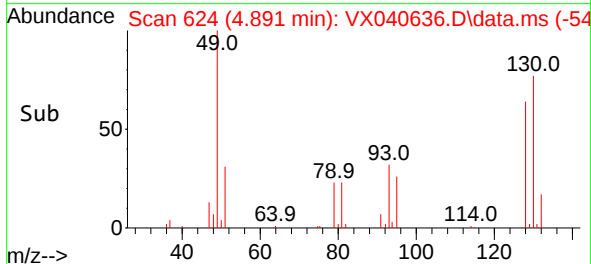
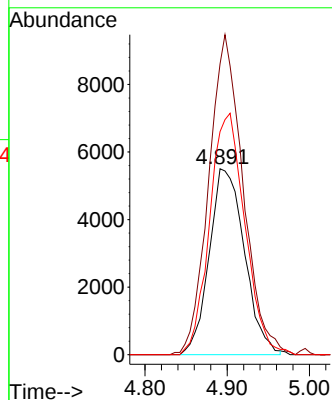
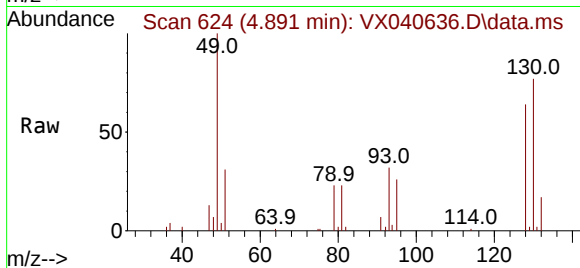




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

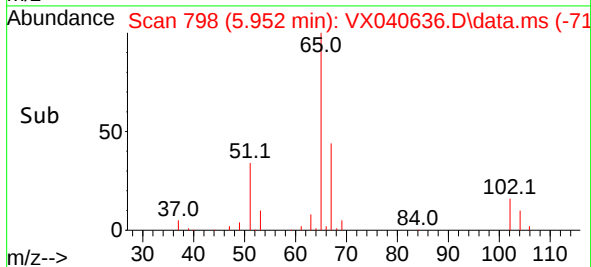
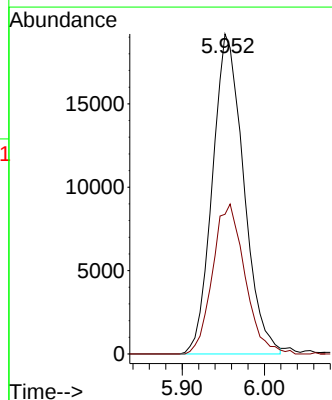
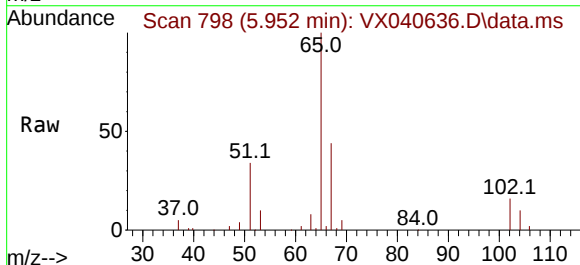
Instrument :
MSVOA_X
ClientSampleId :
IBLK

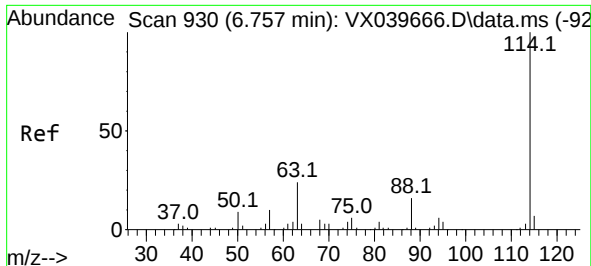
Tgt Ion:128 Resp: 16397
Ion Ratio Lower Upper
128 100
49 167.5 0.0 444.0
130 130.3 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 30.926 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

Tgt Ion: 65 Resp: 50646
Ion Ratio Lower Upper
65 100
67 48.2 42.5 63.7

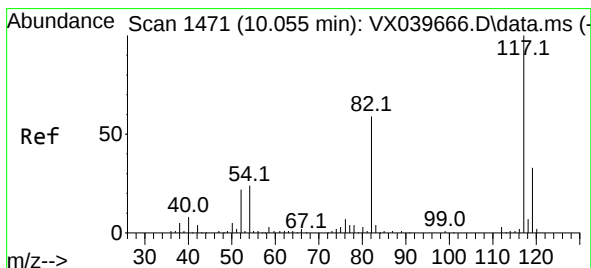
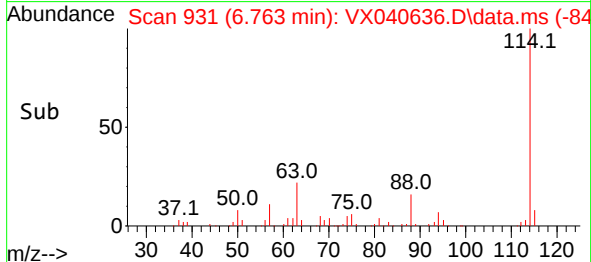
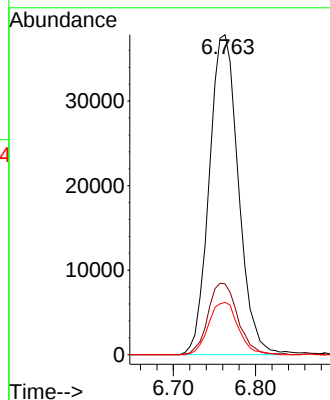
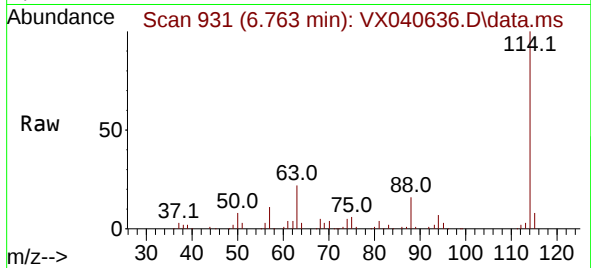




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

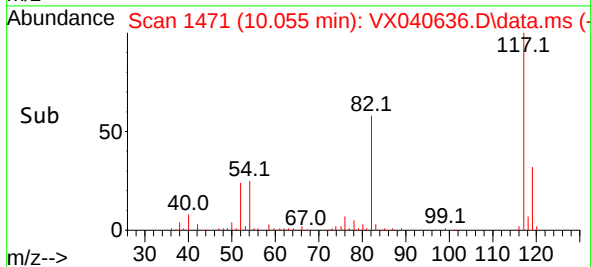
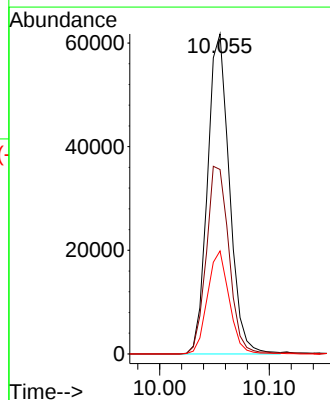
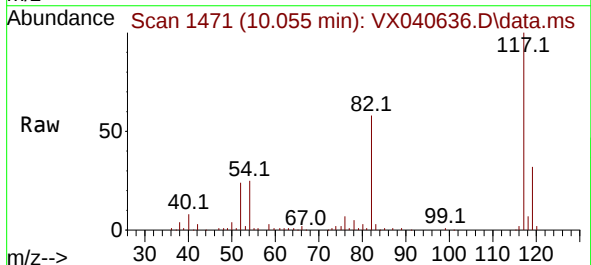
Instrument :
MSVOA_X
ClientSampleId :
IBLK

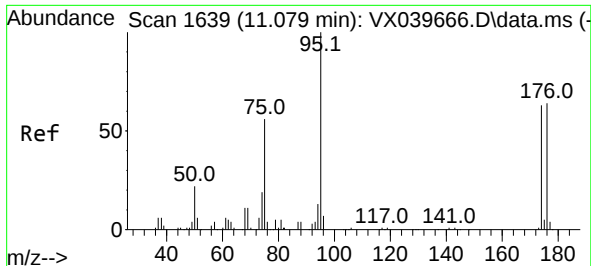
Tgt Ion:114 Resp: 93247
Ion Ratio Lower Upper
114 100
63 22.7 17.0 25.4
88 16.6 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

Tgt Ion:117 Resp: 85648
Ion Ratio Lower Upper
117 100
82 60.9 47.0 70.6
119 32.1 25.2 37.8

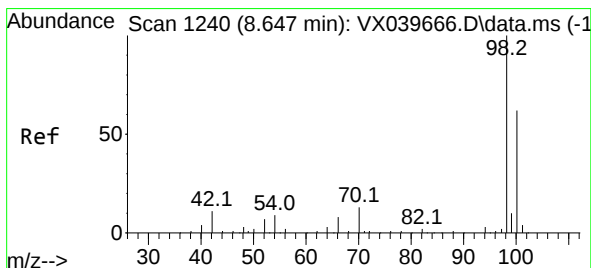
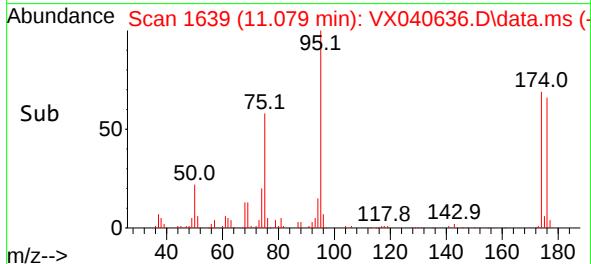
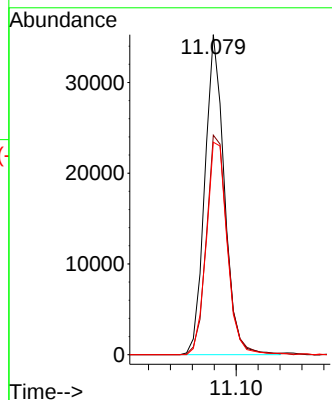
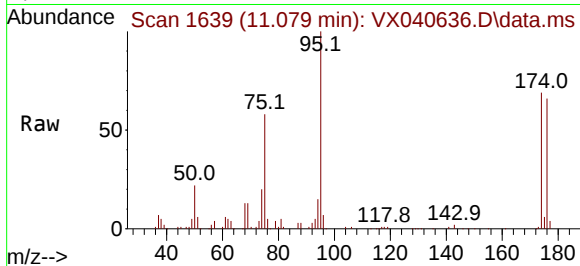




#60
4-Bromofluorobenzene
Concen: 29.735 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 43684
Ion Ratio Lower Upper
95 100
174 73.3 55.4 83.2
176 71.1 52.6 78.8



#63
Toluene-d8
Concen: 29.567 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040636.D
Acq: 14 Mar 2024 12:23

Tgt Ion: 98 Resp: 111913
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

