

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039100.D
 Acq On : 08 Dec 2023 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 08 23:47:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	9703	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	82130	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	99731	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	42370	31.919	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.400%
60) 4-Bromofluorobenzene	11.079	95	63638	29.214	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.367%
63) Toluene-d8	8.647	98	118095	29.950	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.833%

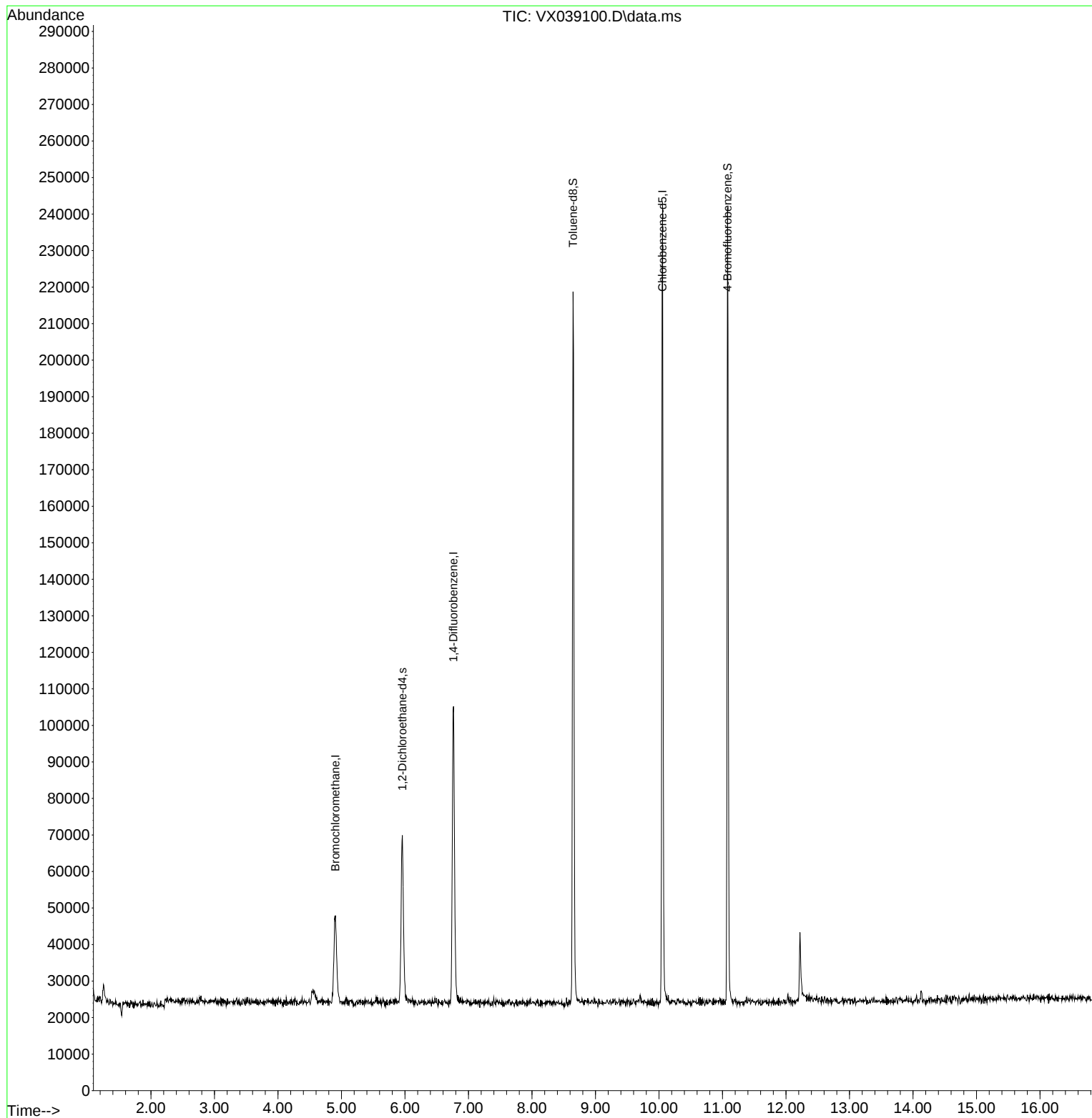
Target Compounds	Qvalue

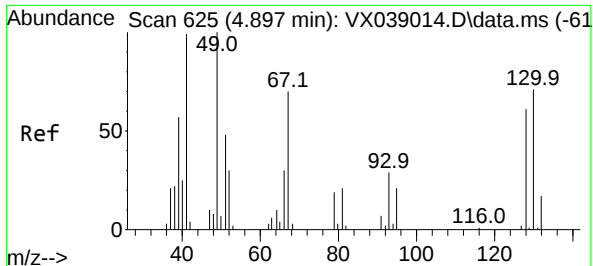
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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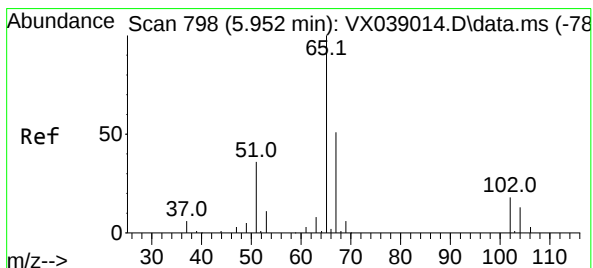
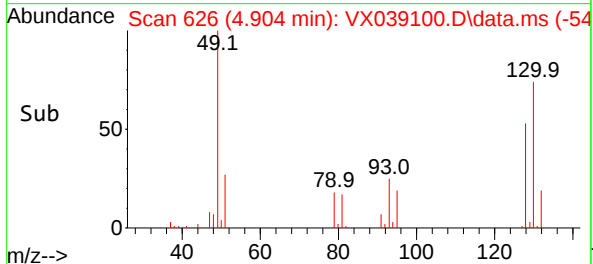
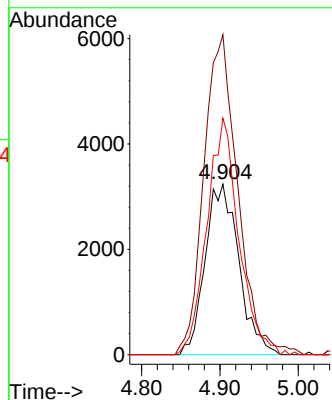
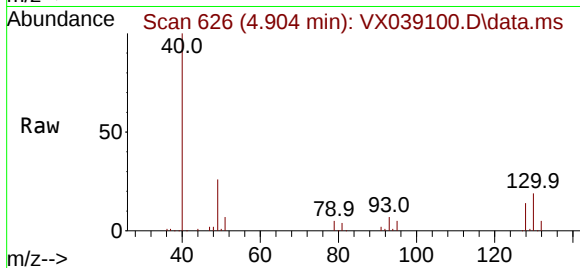




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

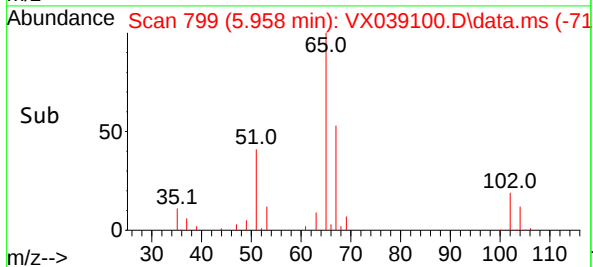
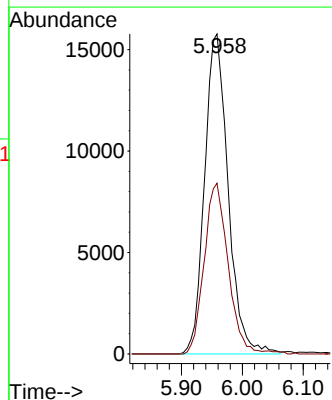
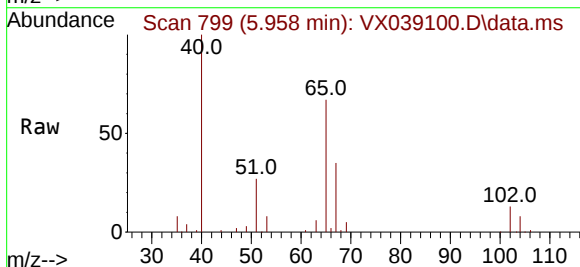
Instrument :
MSVOA_X
ClientSampleId :
IBLK

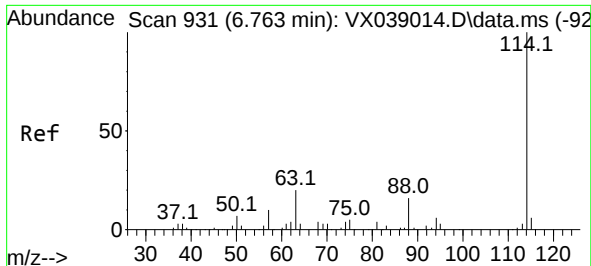
Tgt Ion:128 Resp: 9703
Ion Ratio Lower Upper
128 100
49 186.9 0.0 444.0
130 131.0 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 31.919 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

Tgt Ion: 65 Resp: 42370
Ion Ratio Lower Upper
65 100
67 53.8 42.5 63.7

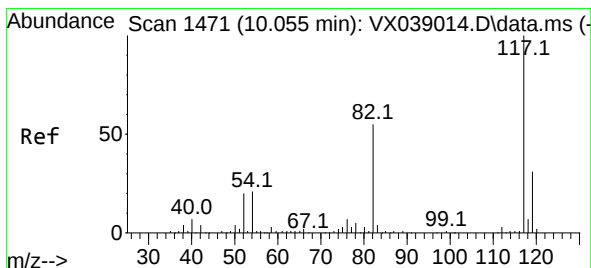
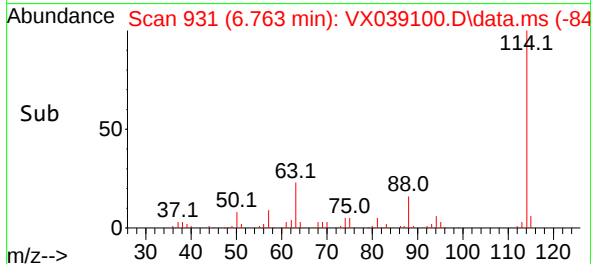
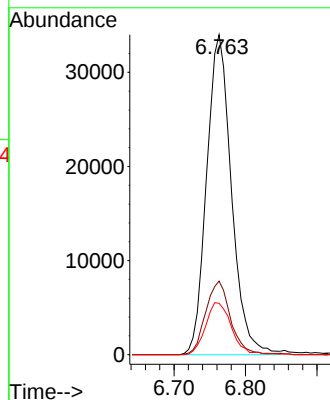
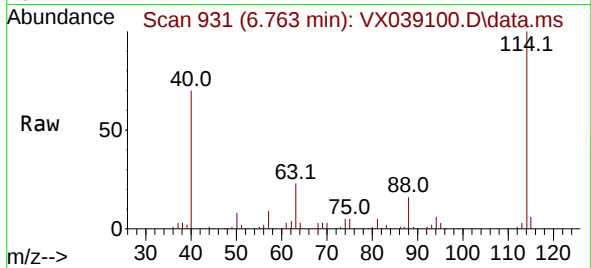




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

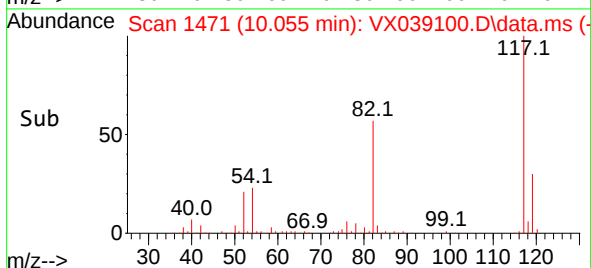
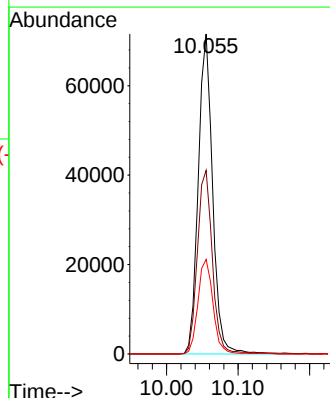
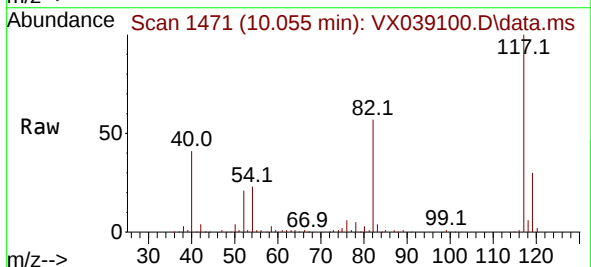
Instrument :
MSVOA_X
ClientSampleId :
IBLK

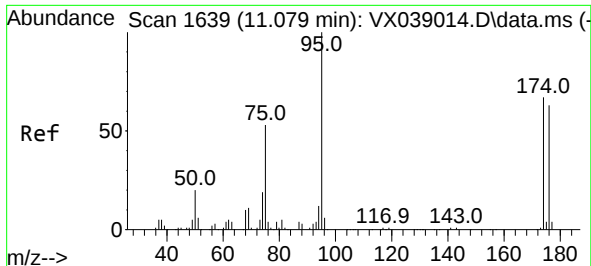
Tgt Ion:114 Resp: 82130
Ion Ratio Lower Upper
114 100
63 22.8 17.0 25.4
88 16.5 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

Tgt Ion:117 Resp: 99731
Ion Ratio Lower Upper
117 100
82 59.8 47.0 70.6
119 30.9 25.2 37.8

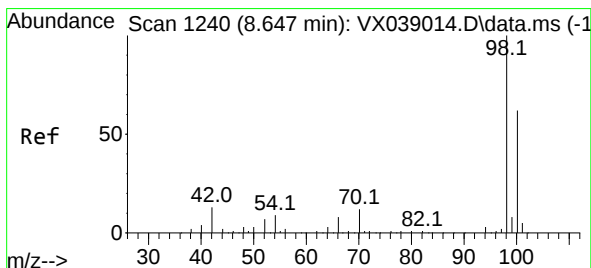
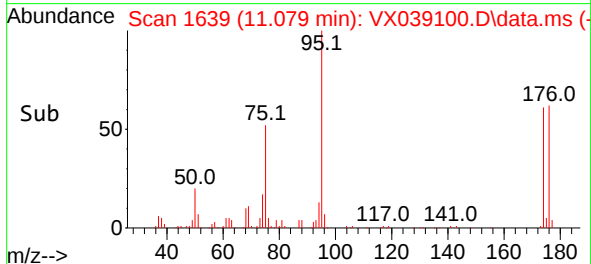
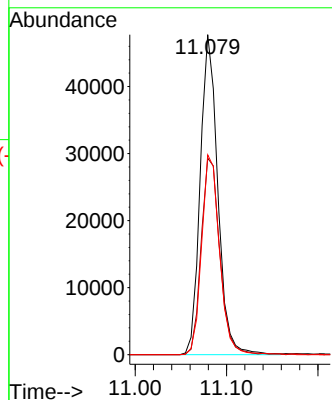
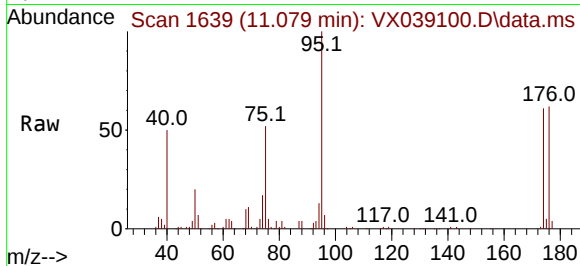




#60
4-Bromofluorobenzene
Concen: 29.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 63638
Ion Ratio Lower Upper
95 100
174 65.1 55.4 83.2
176 63.7 52.6 78.8



#63
Toluene-d8
Concen: 29.950 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039100.D
Acq: 08 Dec 2023 12:51

Tgt Ion: 98 Resp: 118095
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4

