

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121523\
 Data File : VX039228.D
 Acq On : 15 Dec 2023 12:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 16 01:14:26 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	4.903	128	10047	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	78941	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	95593	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	45691	33.242	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.800%#
60) 4-Bromofluorobenzene	11.079	95	64607	30.943	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.133%
63) Toluene-d8	8.647	98	114660	30.338	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.133%

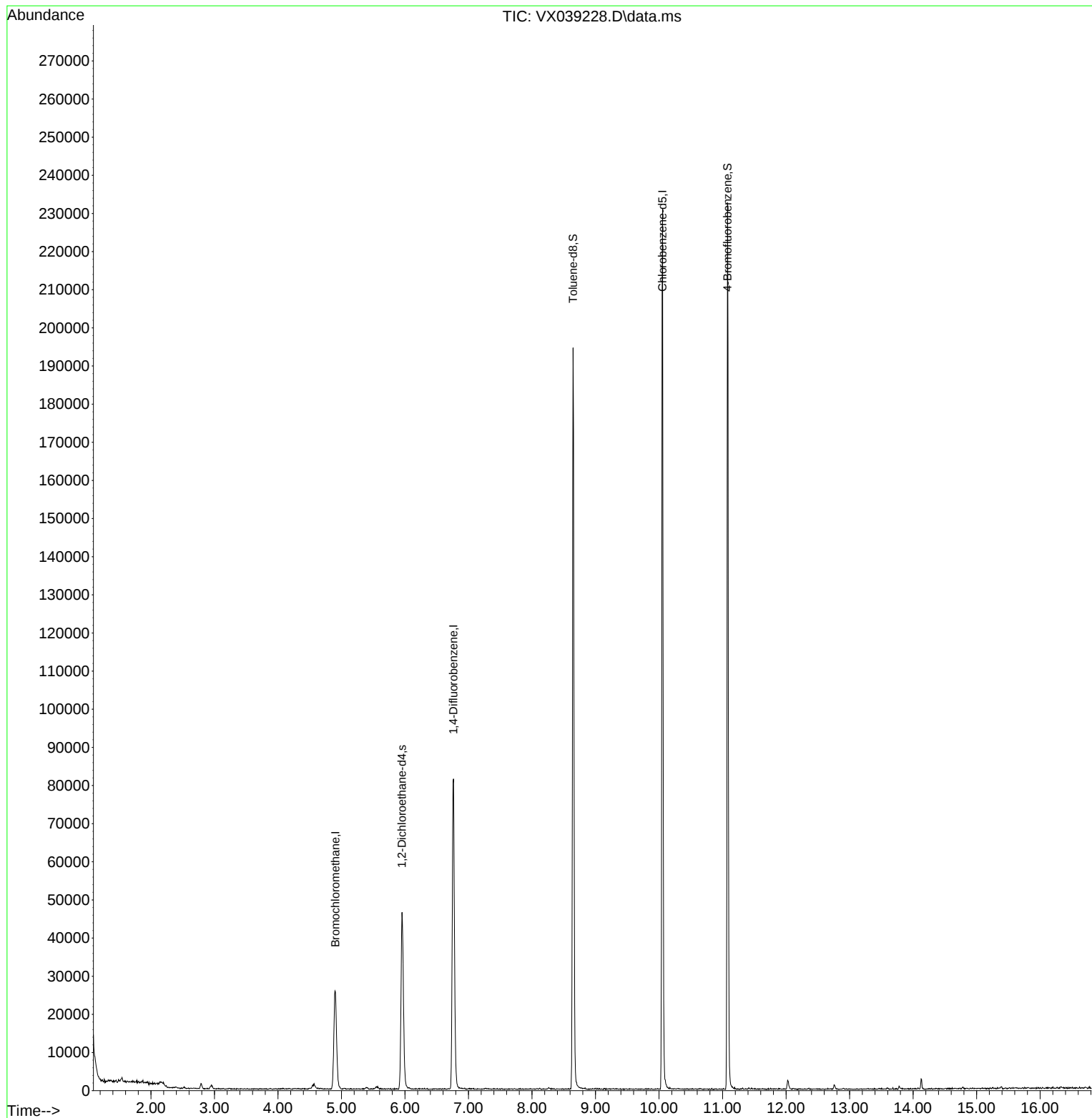
Target Compounds	Qvalue

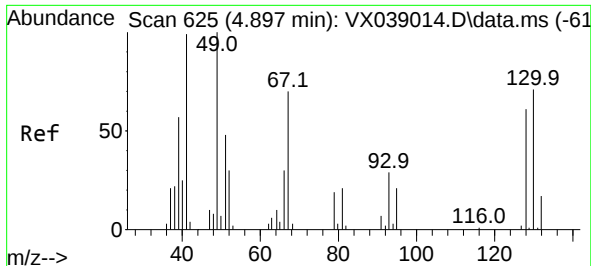
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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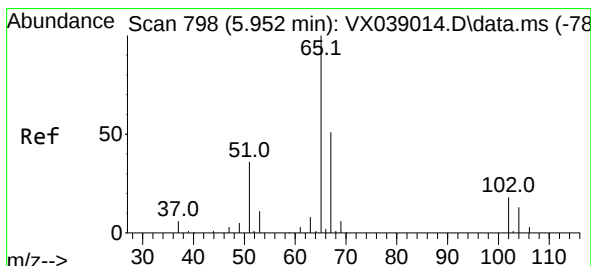
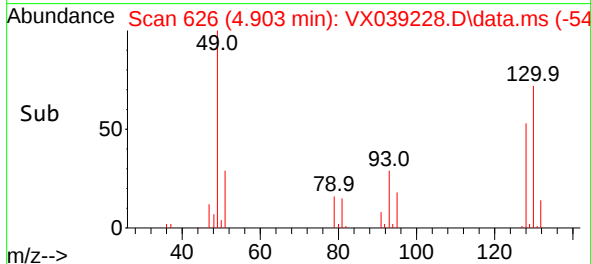
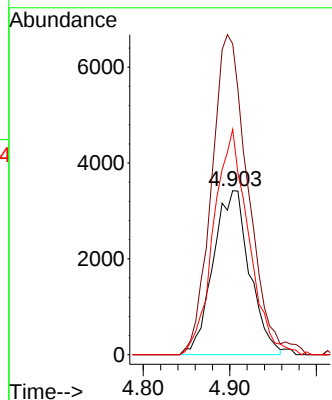
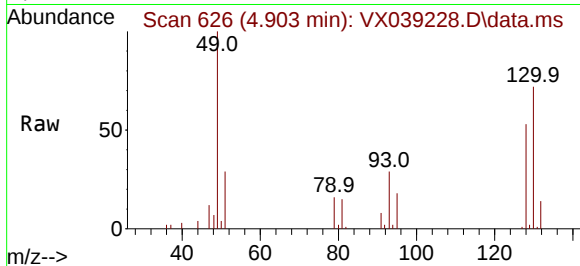




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

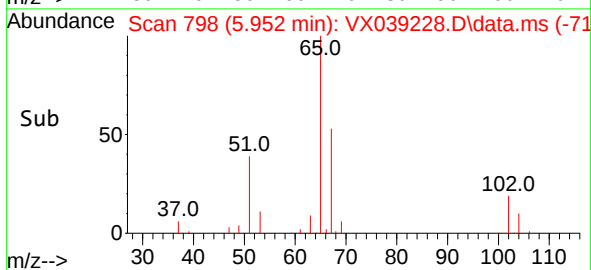
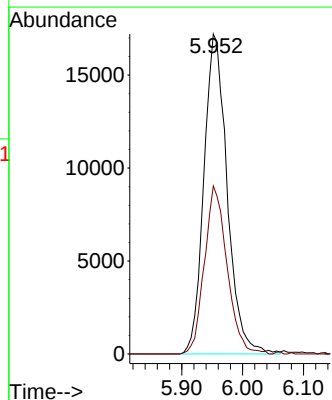
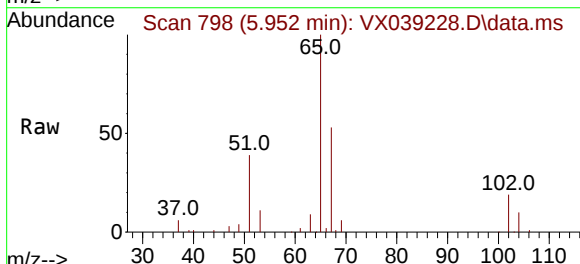
Instrument :
MSVOA_X
ClientSampleId :
IBLK

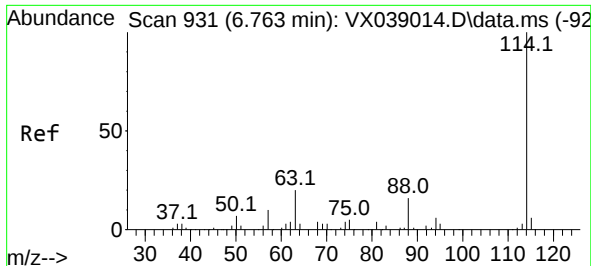
Tgt Ion:128 Resp: 10047
Ion Ratio Lower Upper
128 100
49 192.0 0.0 444.0
130 130.7 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 33.242 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

Tgt Ion: 65 Resp: 45691
Ion Ratio Lower Upper
65 100
67 51.2 42.5 63.7

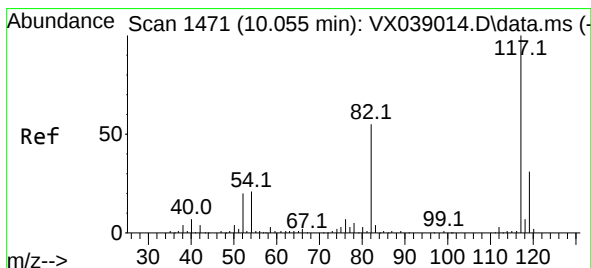
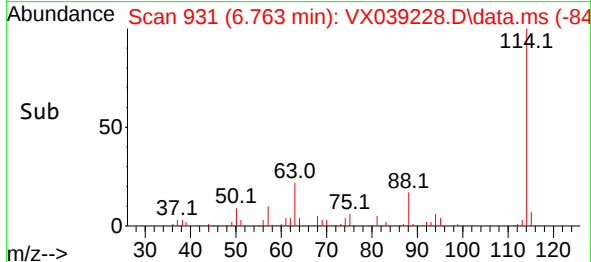
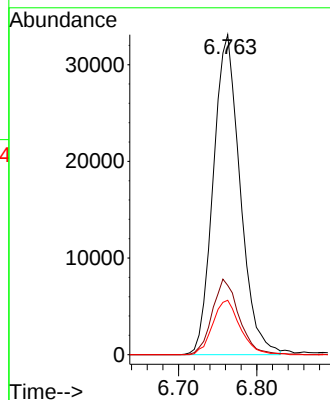
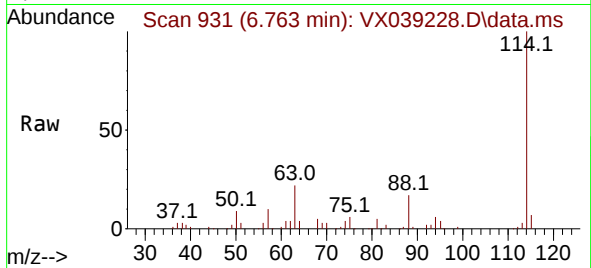




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

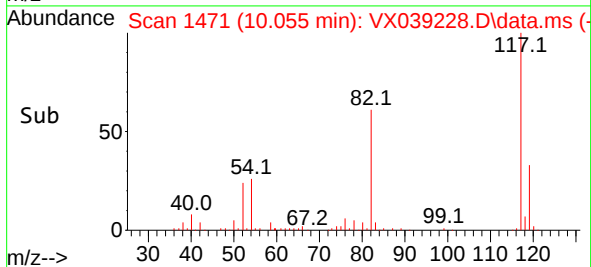
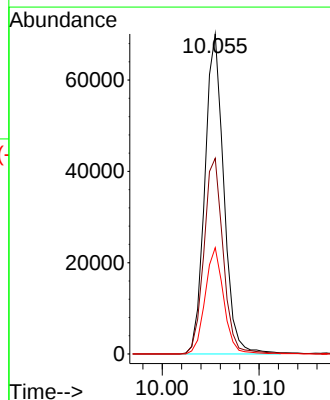
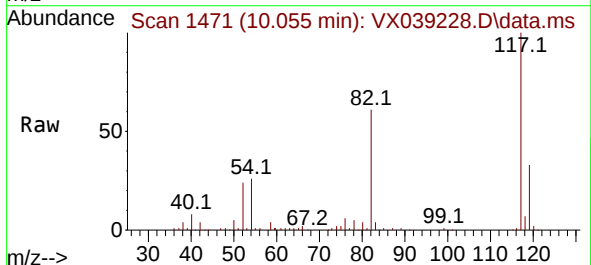
Instrument :
MSVOA_X
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IBLK

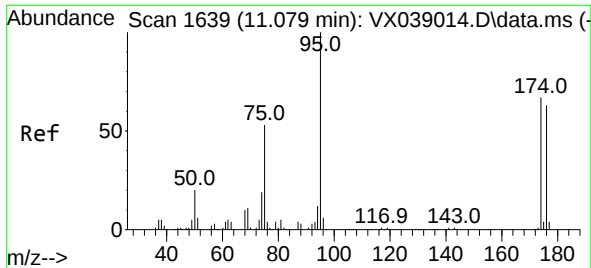
Tgt Ion:114 Resp: 78941
Ion Ratio Lower Upper
114 100
63 23.5 17.0 25.4
88 17.4 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

Tgt Ion:117 Resp: 95593
Ion Ratio Lower Upper
117 100
82 62.1 47.0 70.6
119 32.5 25.2 37.8

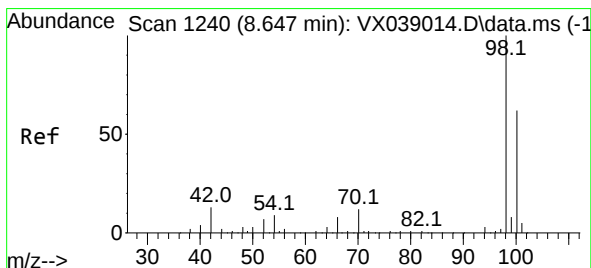
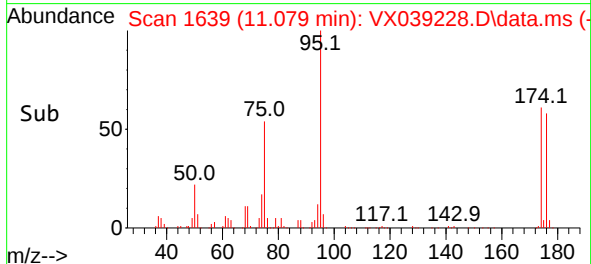
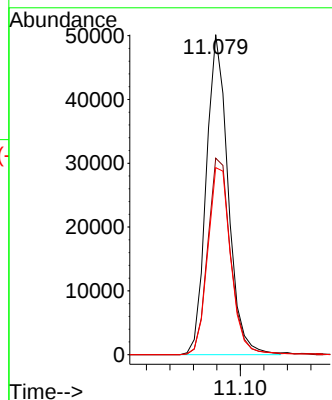
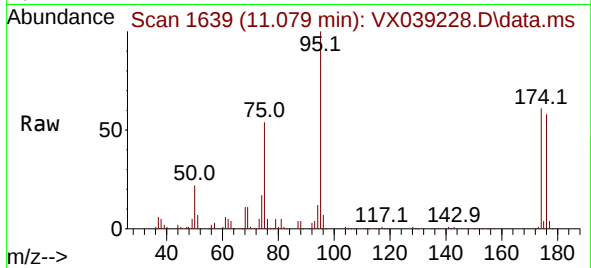




#60
4-Bromofluorobenzene
Concen: 30.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 64607
Ion Ratio Lower Upper
95 100
174 64.2 55.4 83.2
176 61.9 52.6 78.8



#63
Toluene-d8
Concen: 30.338 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039228.D
Acq: 15 Dec 2023 12:49

Tgt Ion: 98 Resp: 114660
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

