

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034770.D
 Acq On : 28 Mar 2023 00:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 28 09:11:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	29060	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	208227	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	214888	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	87186	31.225	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.067%
60) 4-Bromofluorobenzene	11.079	95	118300	27.551	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.833%
63) Toluene-d8	8.647	98	224929	30.801	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.667%

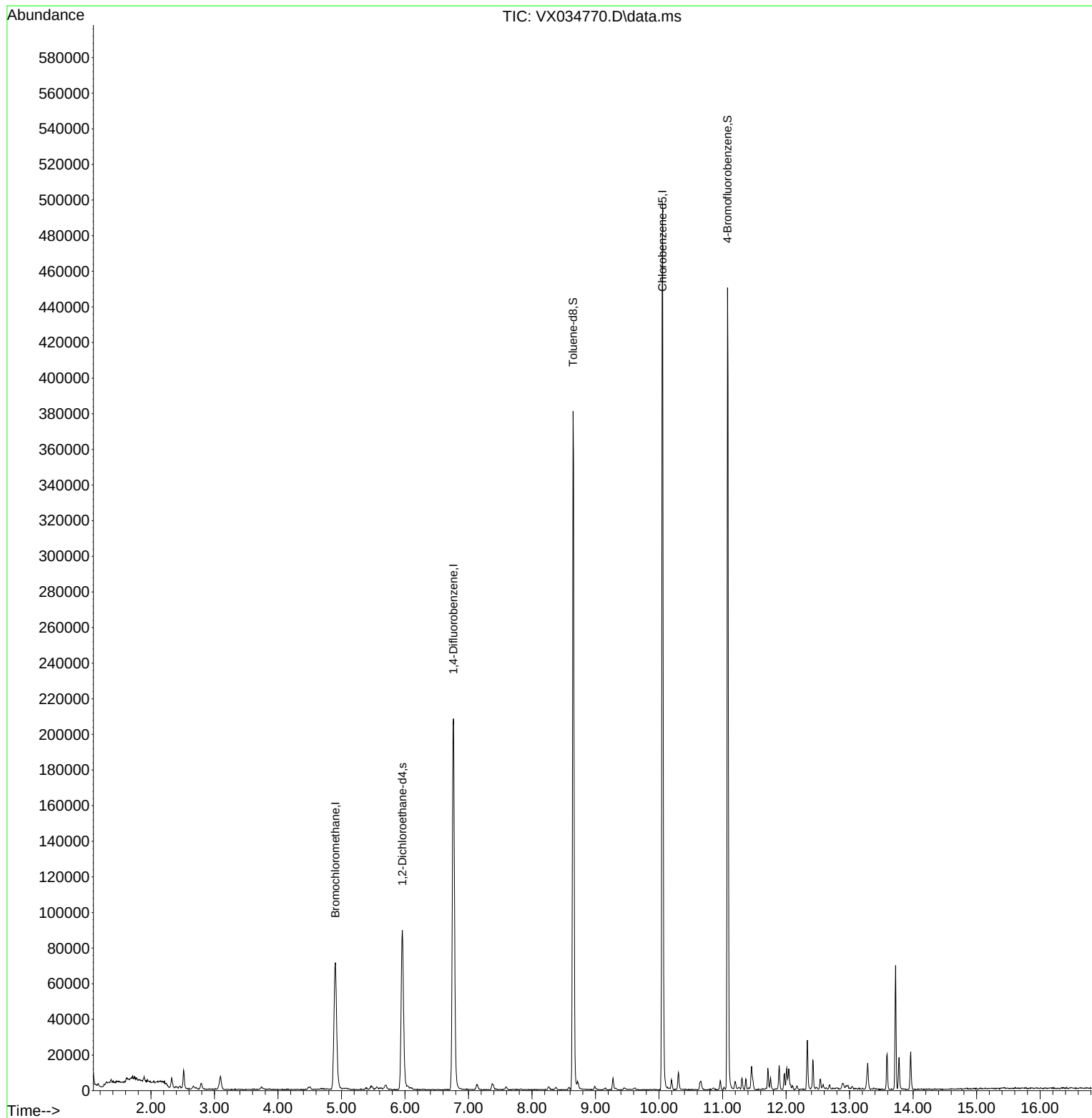
Target Compounds	Qvalue

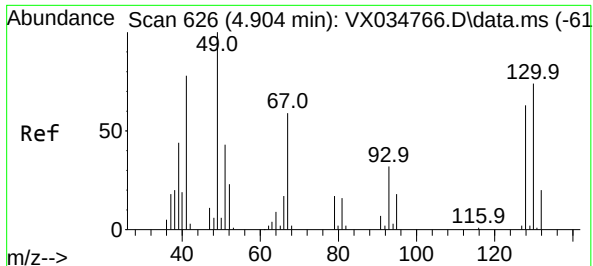
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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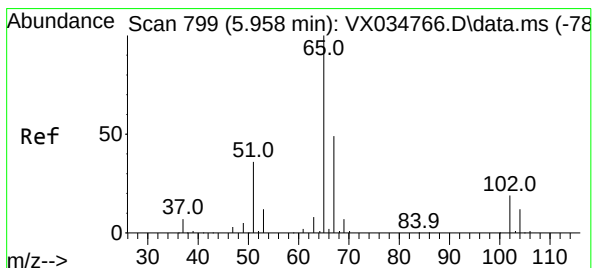
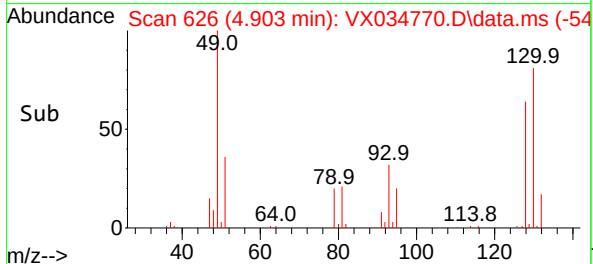
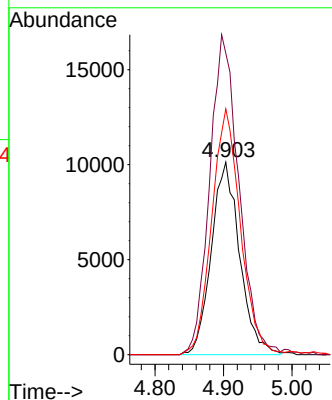
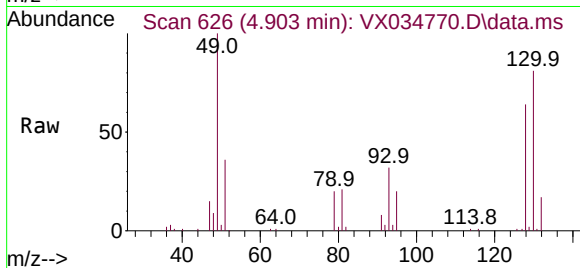




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

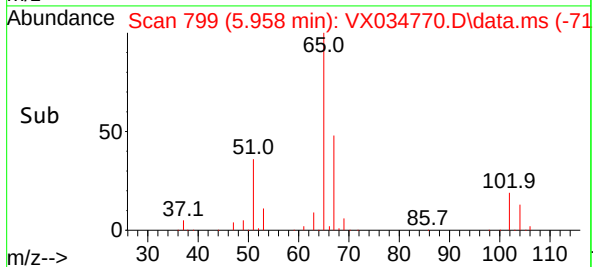
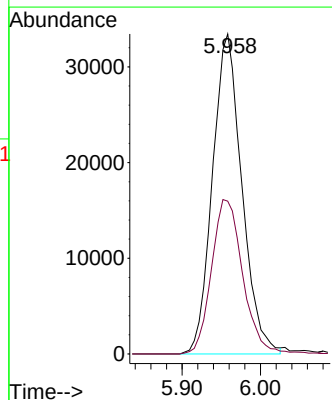
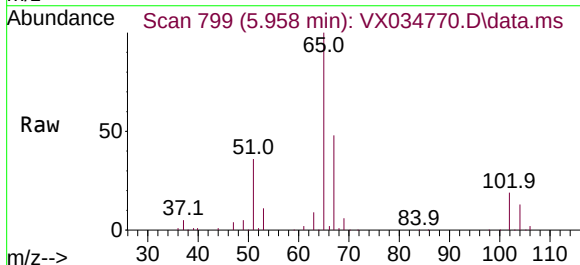
Instrument :
MSVOA_X
ClientSampleId :
IBLK

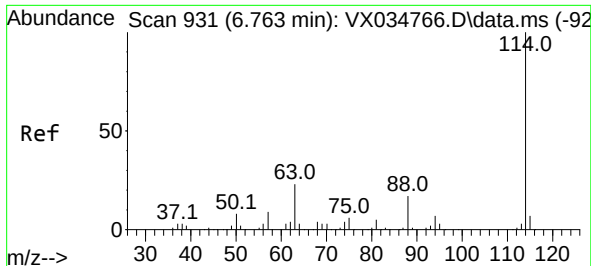
Tgt Ion:128 Resp: 29060
Ion Ratio Lower Upper
128 100
49 170.6 0.0 428.8
130 129.6 0.0 310.8



#27
1,2-Dichloroethane-d4
Concen: 31.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 65 Resp: 87186
Ion Ratio Lower Upper
65 100
67 50.9 40.9 61.3

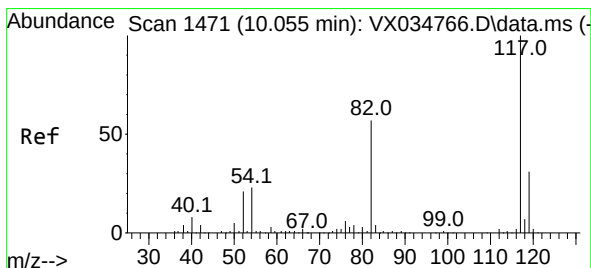
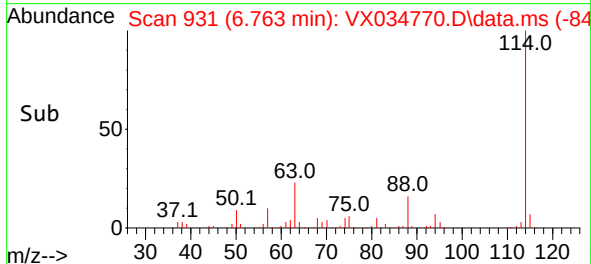
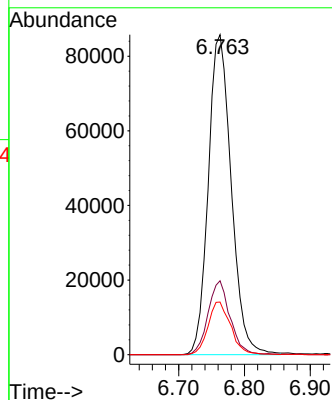
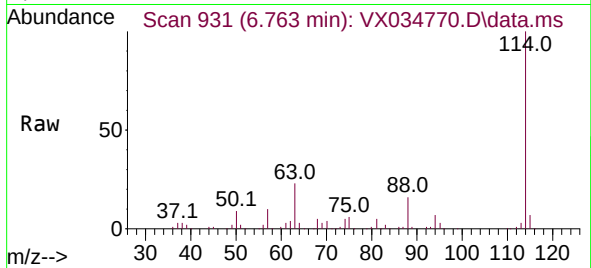




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

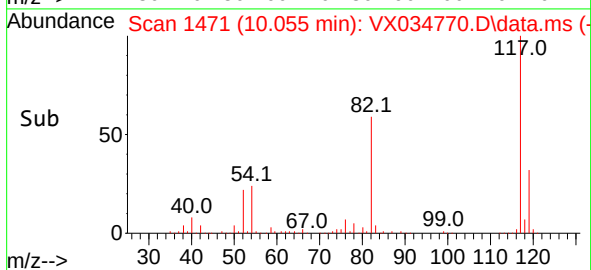
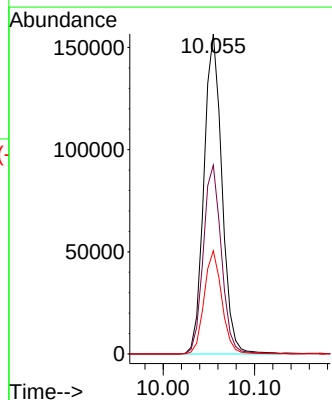
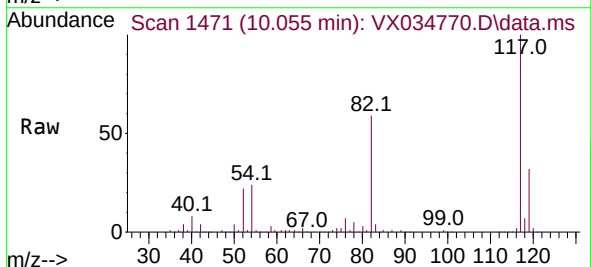
Instrument :
MSVOA_X
ClientSampleId :
IBLK

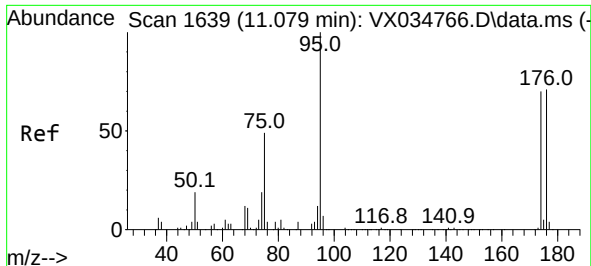
Tgt Ion:114 Resp: 208227
Ion Ratio Lower Upper
114 100
63 22.1 18.0 27.0
88 16.3 13.3 19.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion:117 Resp: 214888
Ion Ratio Lower Upper
117 100
82 59.2 45.8 68.8
119 31.7 25.4 38.0

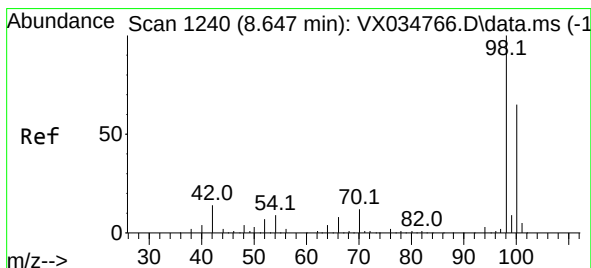
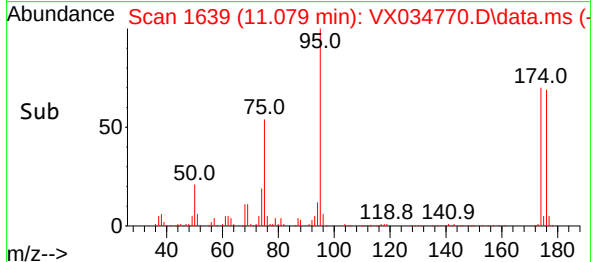
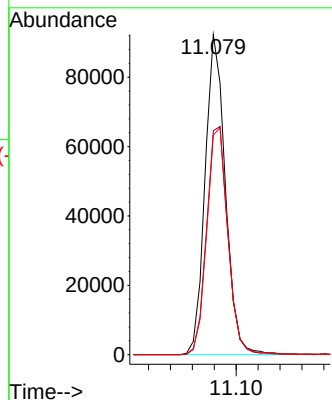
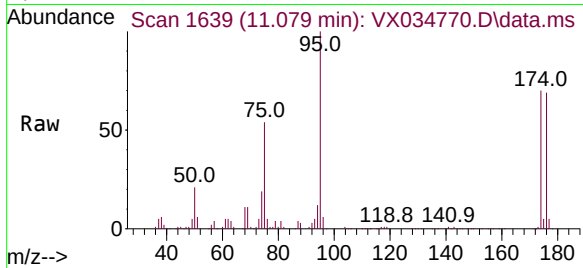




#60
4-Bromofluorobenzene
Concen: 27.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 118300
Ion Ratio Lower Upper
95 100
174 75.1 0.2 0.4#
176 73.7 0.2 0.2#



#63
Toluene-d8
Concen: 30.801 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034770.D
Acq: 28 Mar 2023 00:29

Tgt Ion: 98 Resp: 224929
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

