

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029980.D
 Acq On : 08 Jul 2022 18:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 09 02:20:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	30894	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	169514	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147243	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	70249	27.886	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.967%
60) 4-Bromofluorobenzene	11.079	95	78999	28.469	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.900%
63) Toluene-d8	8.653	98	239134	29.951	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.833%

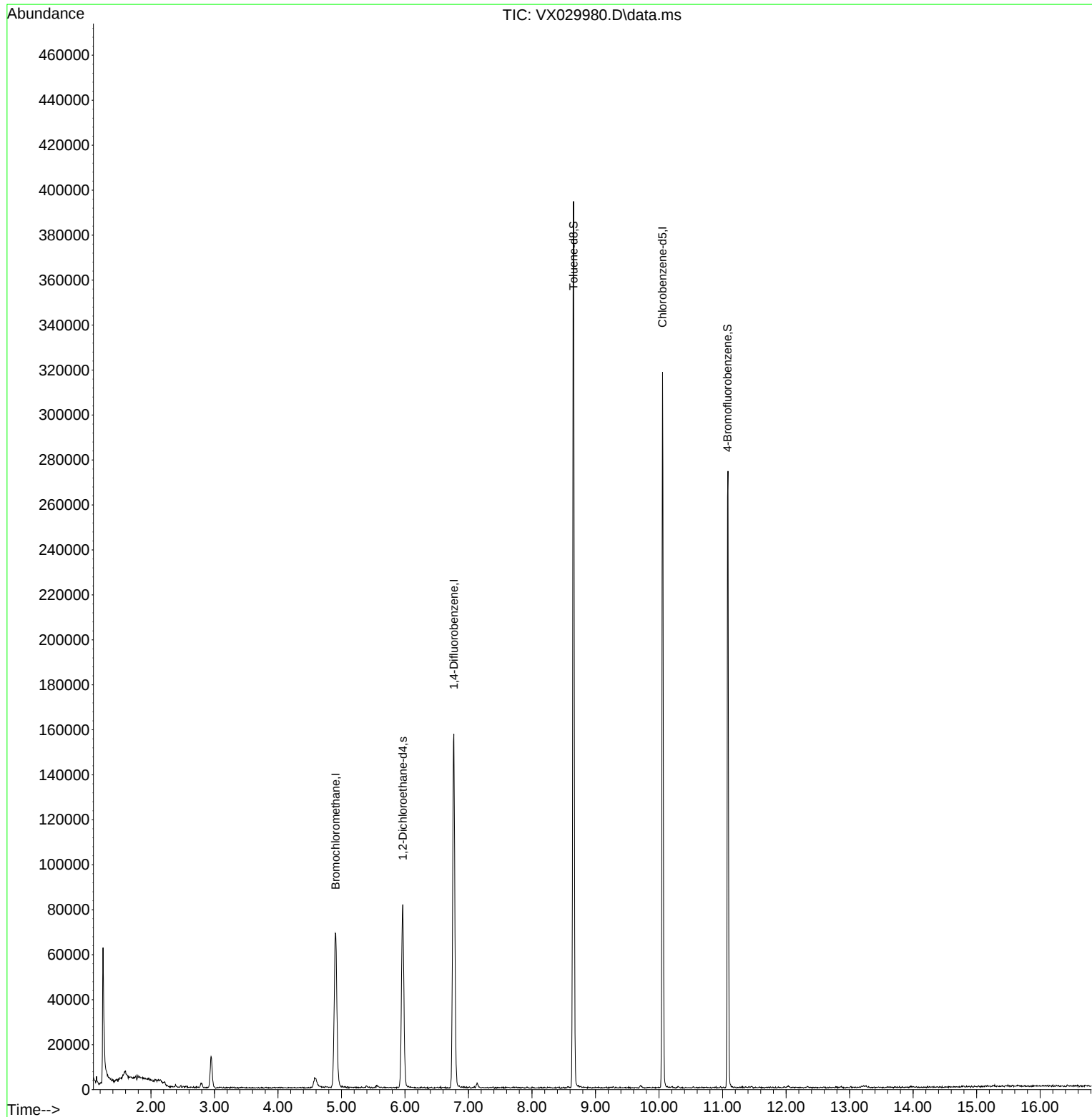
Target Compounds	Qvalue

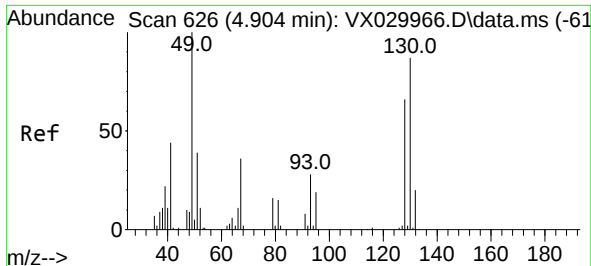
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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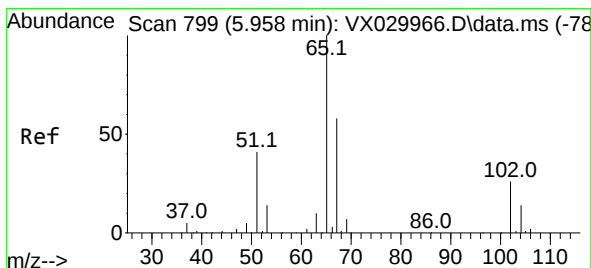
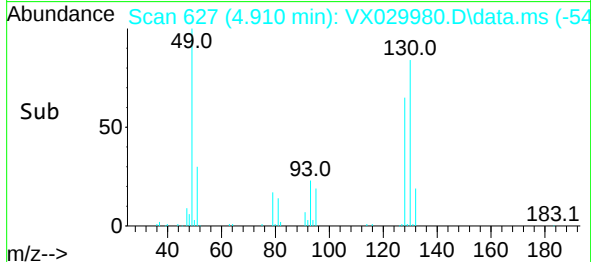
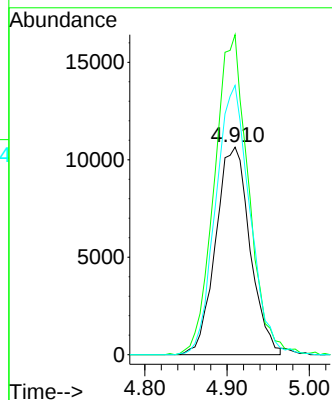
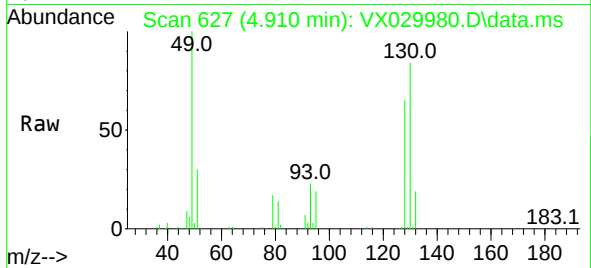




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029980.D
Acq: 08 Jul 2022 18:02

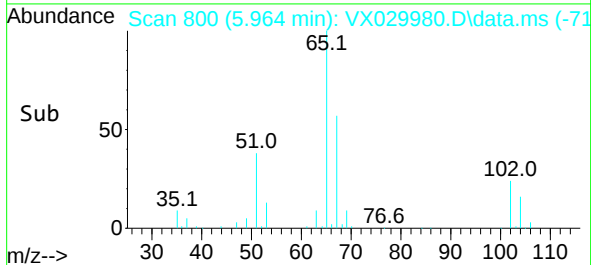
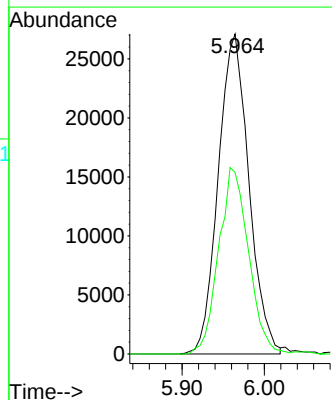
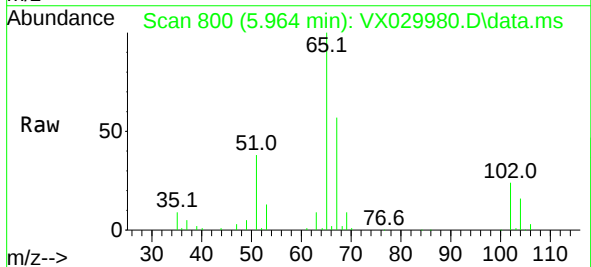
Instrument :
MSVOA_X
ClientSampleId :
IBLK

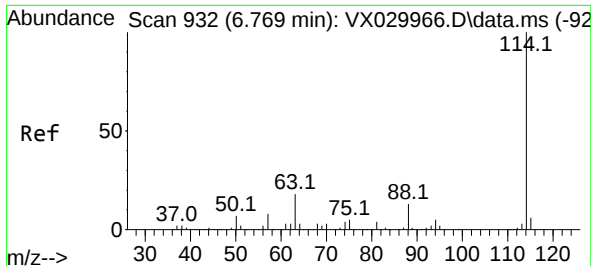
Tgt Ion:128 Resp: 30894
Ion Ratio Lower Upper
128 100
49 152.3 0.0 358.3
130 129.1 0.0 319.3



#27
1,2-Dichloroethane-d4
Concen: 27.886 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029980.D
Acq: 08 Jul 2022 18:02

Tgt Ion: 65 Resp: 70249
Ion Ratio Lower Upper
65 100
67 56.8 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX029980.D

Acq: 08 Jul 2022 18:02

Instrument :

MSVOA_X

ClientSampleId :

IBLK

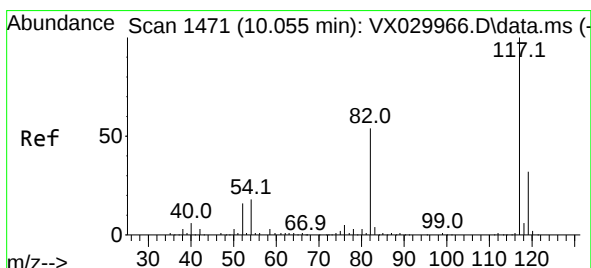
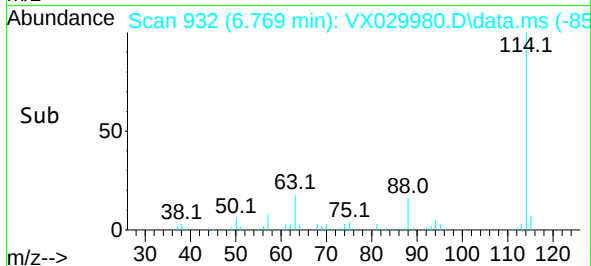
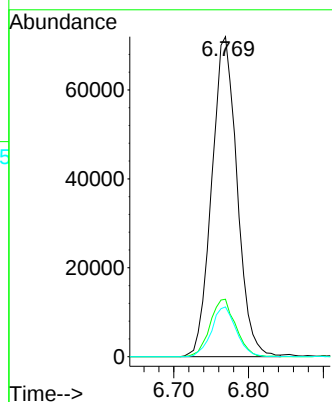
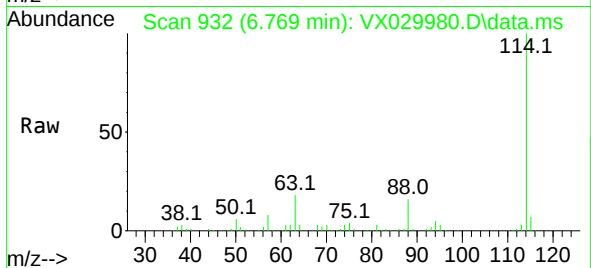
Tgt Ion:114 Resp: 169514

Ion Ratio Lower Upper

114 100

63 18.1 15.3 22.9

88 15.2 12.2 18.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029980.D

Acq: 08 Jul 2022 18:02

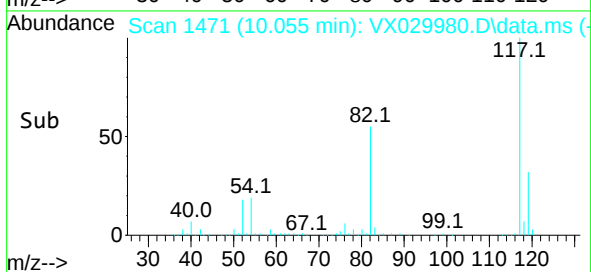
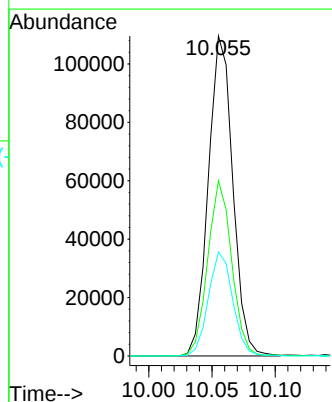
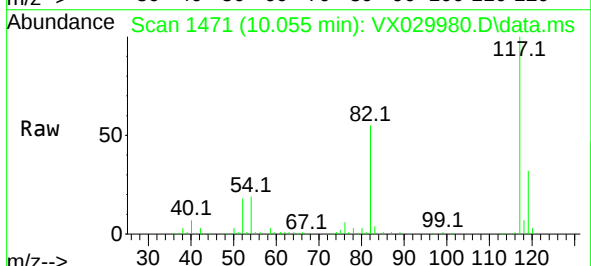
Tgt Ion:117 Resp: 147243

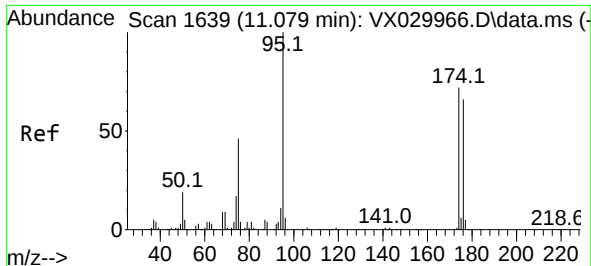
Ion Ratio Lower Upper

117 100

82 53.6 42.3 63.5

119 32.4 26.2 39.2

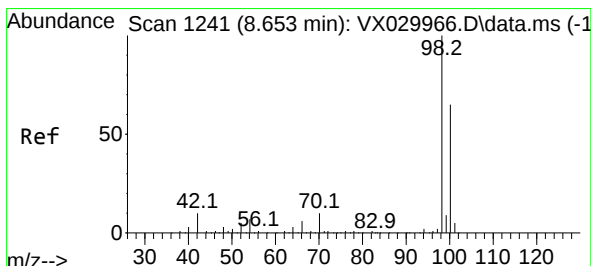
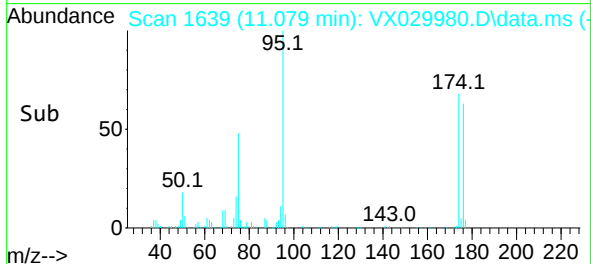
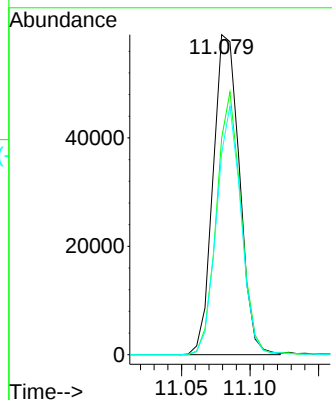
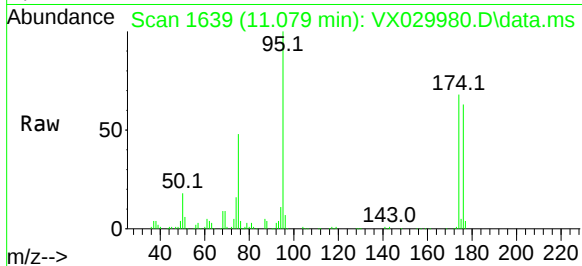




#60
4-Bromofluorobenzene
Concen: 28.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX029980.D
Acq: 08 Jul 2022 18:02

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 78999
Ion Ratio Lower Upper
95 100
174 75.9 65.4 98.2
176 72.1 63.4 95.0



#63
Toluene-d8
Concen: 29.951 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029980.D
Acq: 08 Jul 2022 18:02

Tgt Ion: 98 Resp: 239134
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2

