

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032824\
 Data File : VX040829.D
 Acq On : 28 Mar 2024 17:34
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 29 04:54:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 04:49:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	3227	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	26013	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	29268	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	17151	31.011	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.367%	
60) 4-Bromofluorobenzene	11.079	95	19192	30.018	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.067%	
63) Toluene-d8	8.647	98	35164	30.647	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.167%	

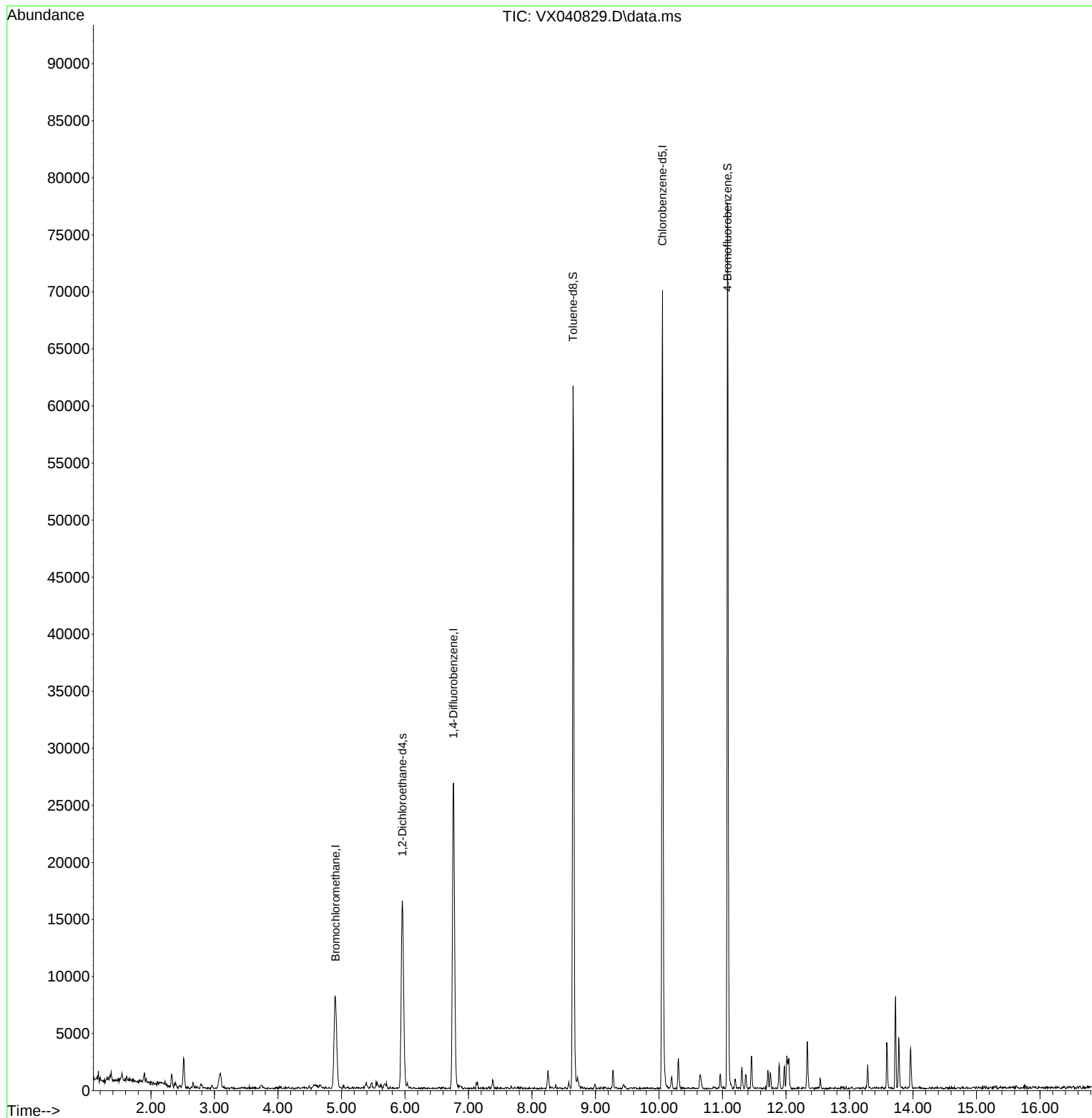
Target Compounds	Qvalue

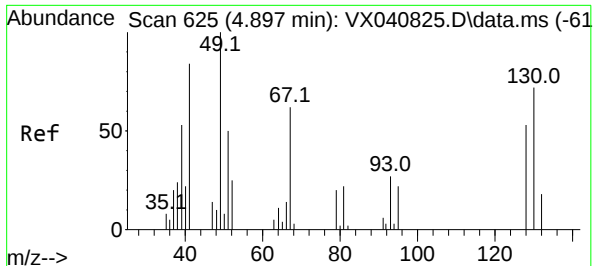
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 29 04:49:13 2024
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.910 min Scan# 61

Delta R.T. 0.013 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

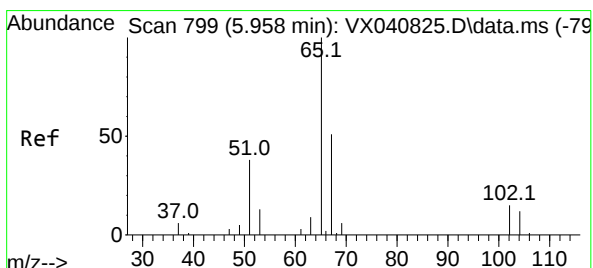
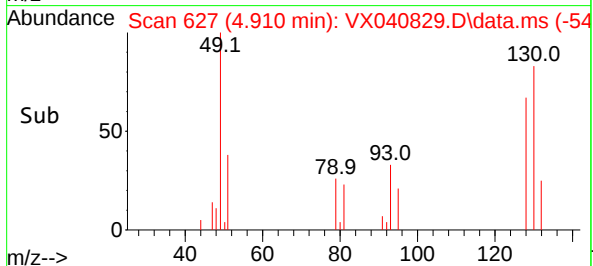
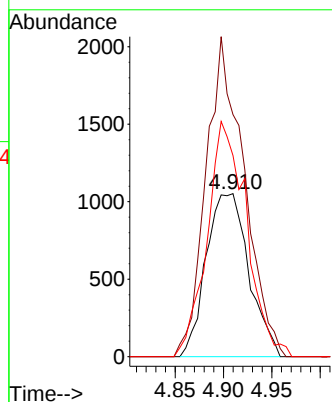
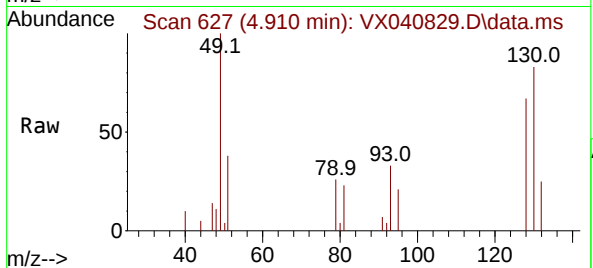
Tgt Ion:128 Resp: 3227

Ion Ratio Lower Upper

128 100

49 175.2 0.0 444.0

130 131.1 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 31.011 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040829.D

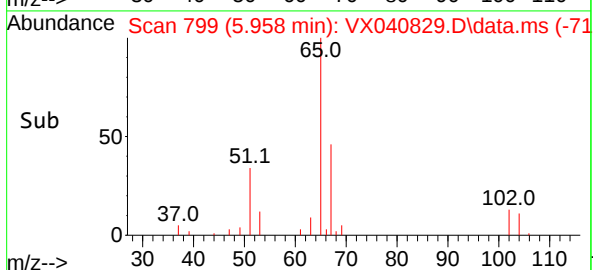
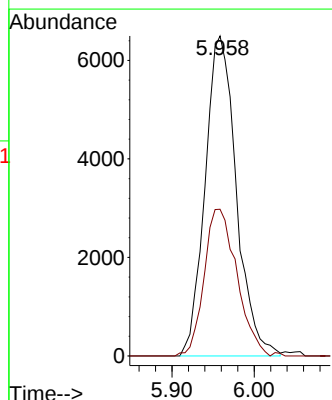
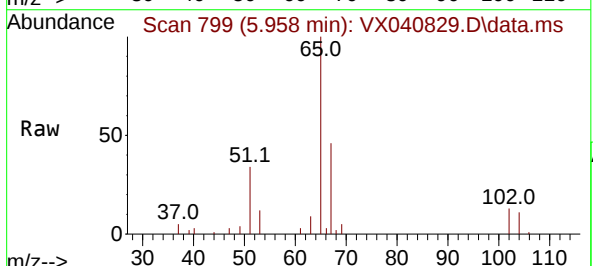
Acq: 28 Mar 2024 17:34

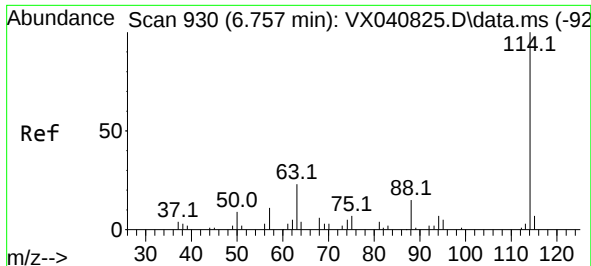
Tgt Ion: 65 Resp: 17151

Ion Ratio Lower Upper

65 100

67 47.9 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX040829.D

Acq: 28 Mar 2024 17:34

Instrument :

MSVOA_X

ClientSampleId :

IBLK

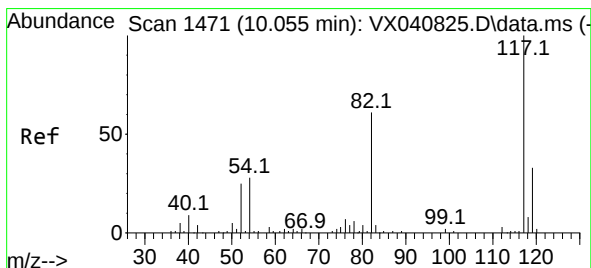
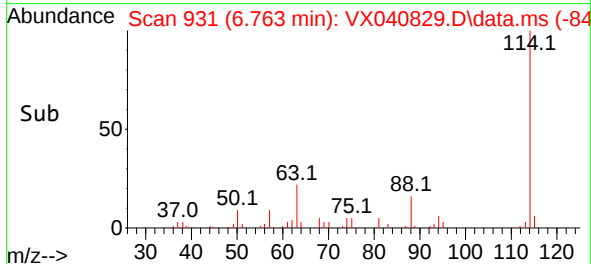
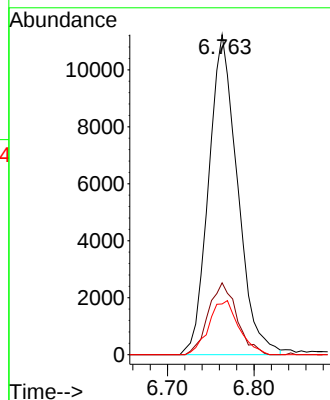
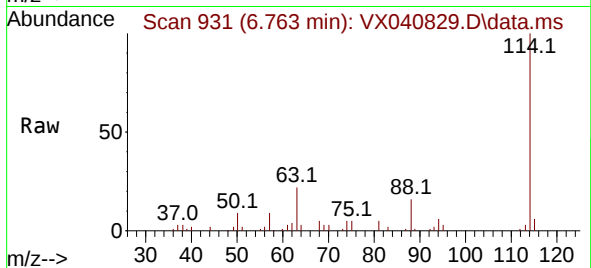
Tgt Ion:114 Resp: 26013

Ion Ratio Lower Upper

114 100

63 22.3 17.0 25.4

88 17.6 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: VX040829.D

Acq: 28 Mar 2024 17:34

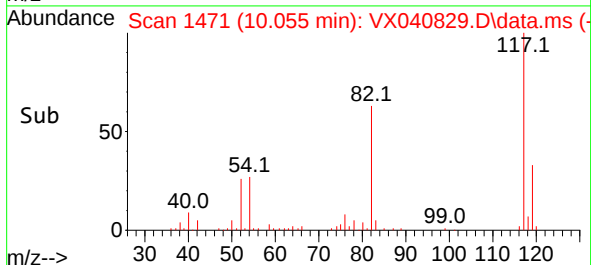
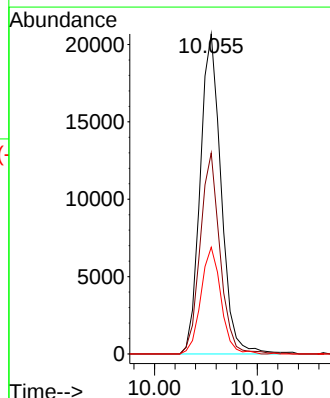
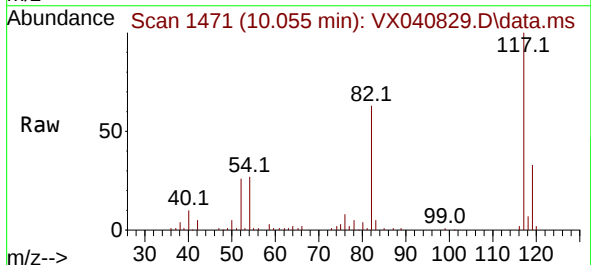
Tgt Ion:117 Resp: 29268

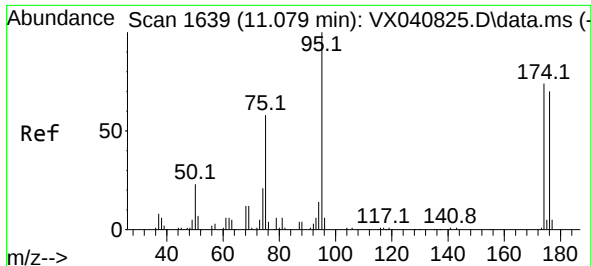
Ion Ratio Lower Upper

117 100

82 59.8 47.0 70.6

119 32.1 25.2 37.8

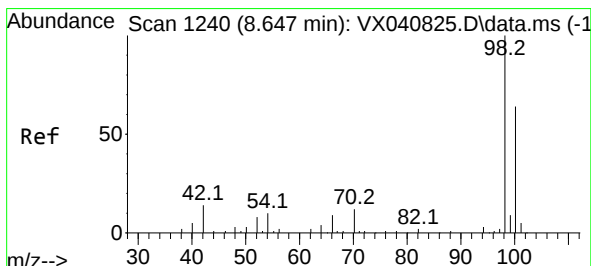
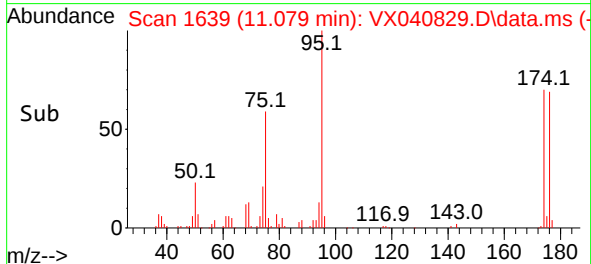
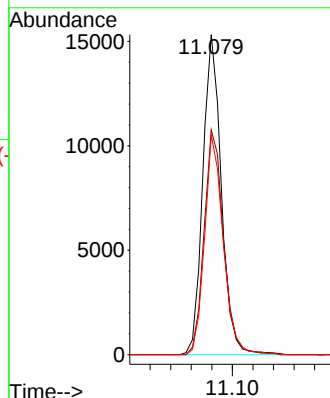
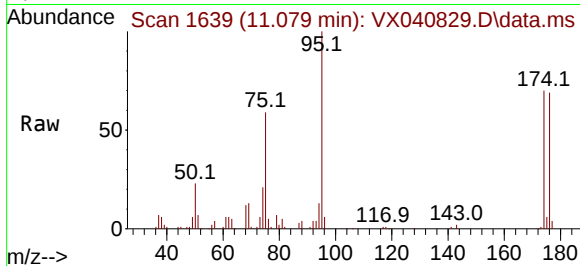




#60
4-Bromofluorobenzene
Concen: 30.018 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 19192
Ion Ratio Lower Upper
95 100
174 73.3 55.4 83.2
176 68.9 52.6 78.8



#63
Toluene-d8
Concen: 30.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040829.D
Acq: 28 Mar 2024 17:34

Tgt Ion: 98 Resp: 35164
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4

