

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032924\
 Data File : VX040835.D
 Acq On : 29 Mar 2024 11:31
 Operator : JC/MD
 Sample : VX0329WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL01

Quant Time: Mar 29 22:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 29 05:24:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	3412	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	28528	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	30953	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	18600	31.807	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.033%
60) 4-Bromofluorobenzene	11.079	95	21560	31.886	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	106.300%
63) Toluene-d8	8.647	98	40077	33.027	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	110.100%

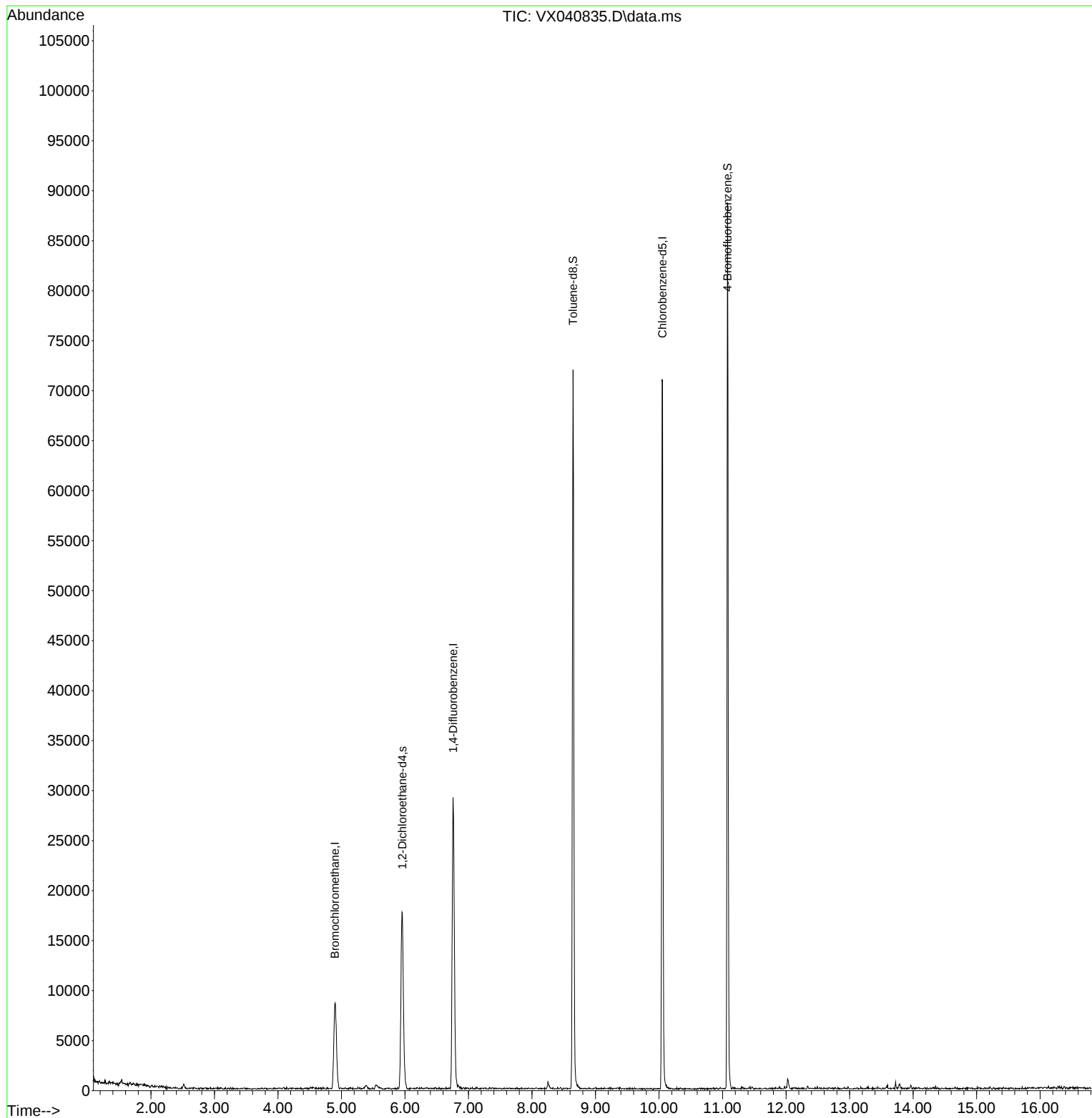
Target Compounds	Qvalue

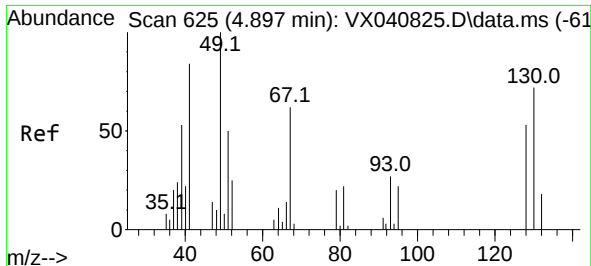
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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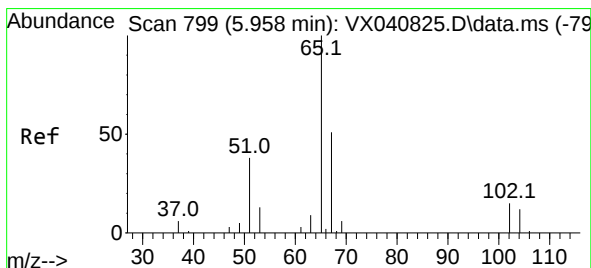
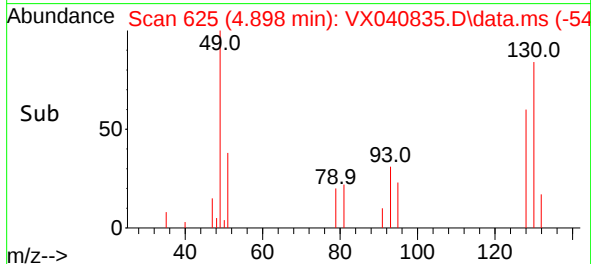
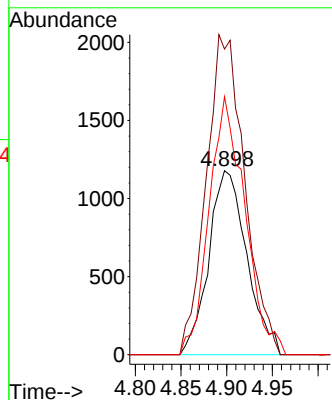
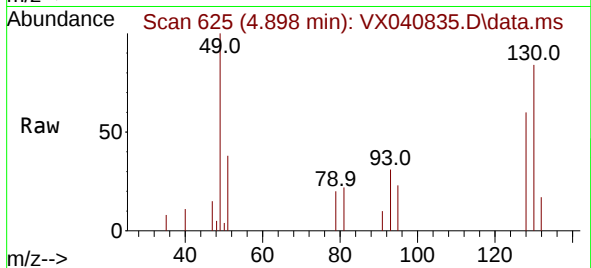




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 612
Delta R.T. 0.001 min
Lab File: VX040835.D
Acq: 29 Mar 2024 11:31

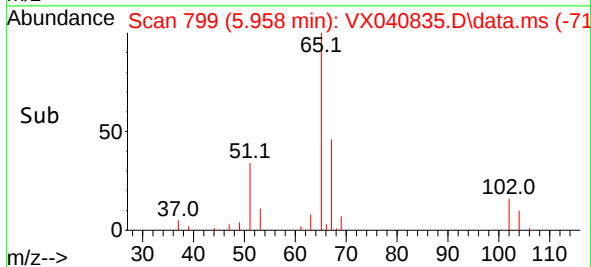
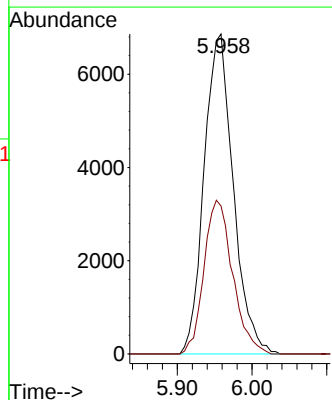
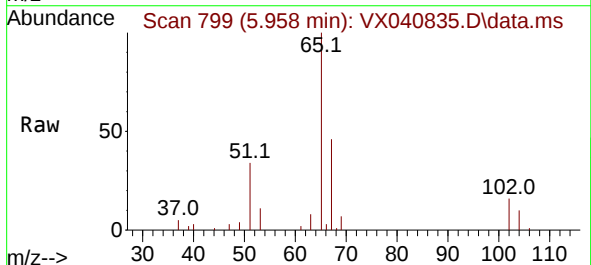
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

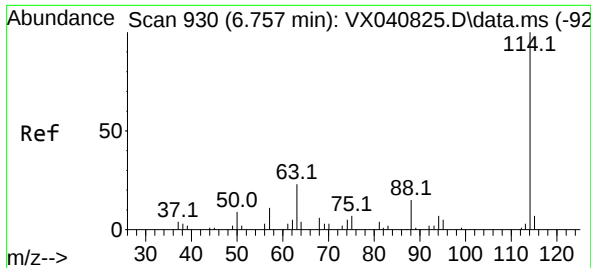
Tgt Ion:128 Resp: 3412
Ion Ratio Lower Upper
128 100
49 175.1 0.0 444.0
130 132.2 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 31.807 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040835.D
Acq: 29 Mar 2024 11:31

Tgt Ion: 65 Resp: 18600
Ion Ratio Lower Upper
65 100
67 47.3 42.5 63.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX040835.D

Acq: 29 Mar 2024 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL01

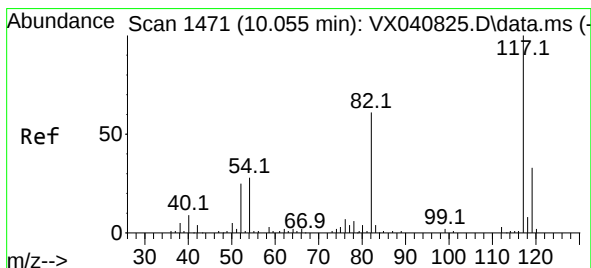
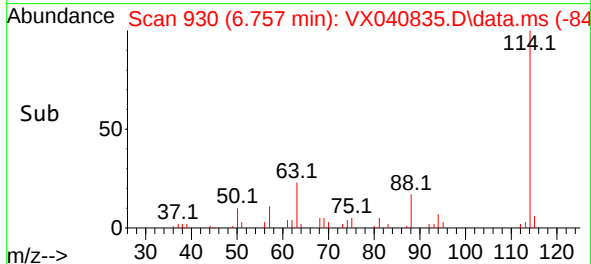
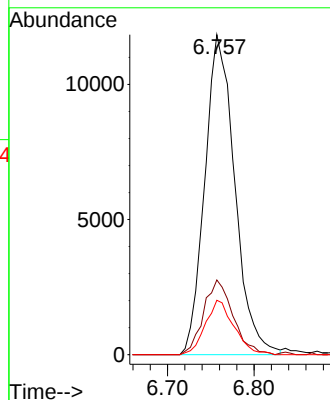
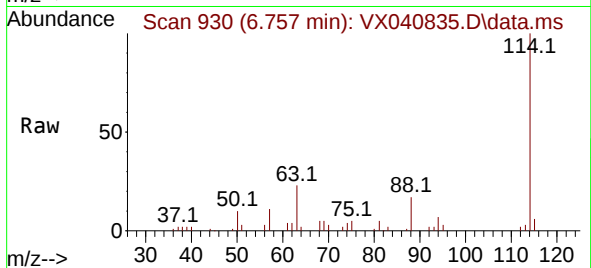
Tgt Ion:114 Resp: 28528

Ion Ratio Lower Upper

114 100

63 22.9 17.0 25.4

88 16.2 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: VX040835.D

Acq: 29 Mar 2024 11:31

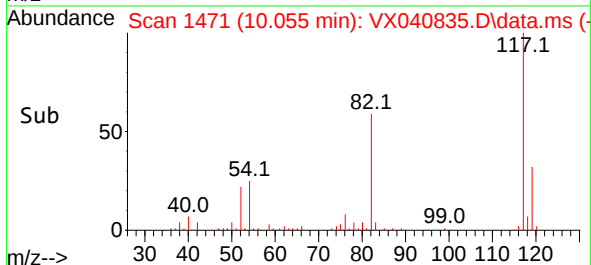
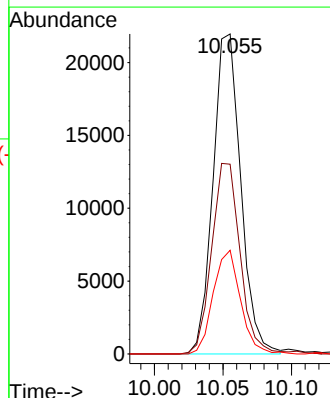
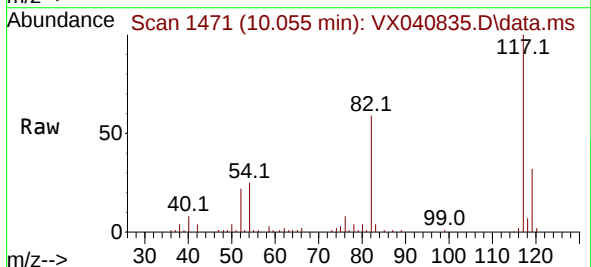
Tgt Ion:117 Resp: 30953

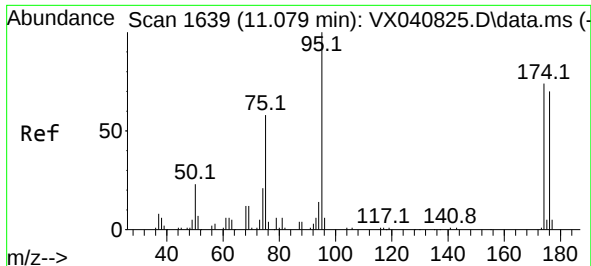
Ion Ratio Lower Upper

117 100

82 60.9 47.0 70.6

119 31.6 25.2 37.8

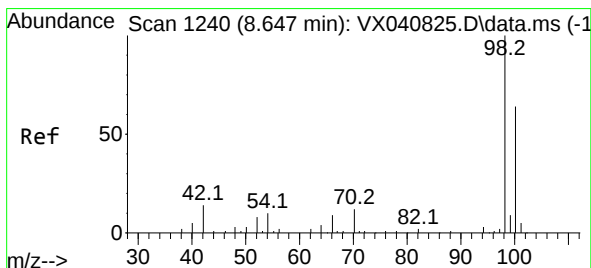
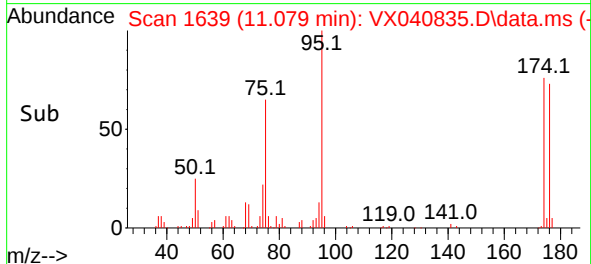
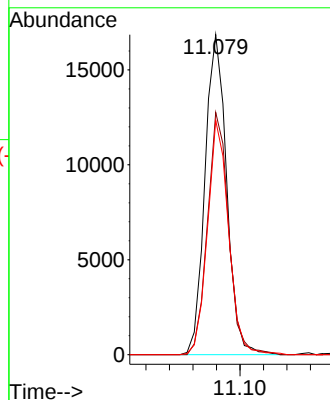
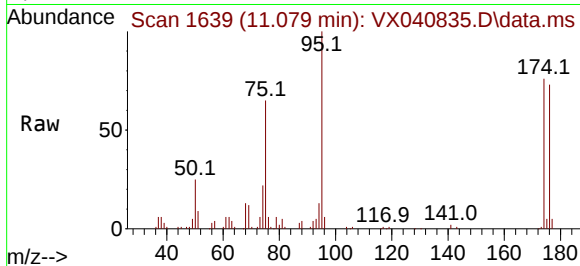




#60
4-Bromofluorobenzene
Concen: 31.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040835.D
Acq: 29 Mar 2024 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL01

Tgt Ion: 95 Resp: 21560
Ion Ratio Lower Upper
95 100
174 74.0 55.4 83.2
176 71.4 52.6 78.8



#63
Toluene-d8
Concen: 33.027 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040835.D
Acq: 29 Mar 2024 11:31

Tgt Ion: 98 Resp: 40077
Ion Ratio Lower Upper
98 100
100 65.8 51.0 76.4

