

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080224\
 Data File : VX042847.D
 Acq On : 02 Aug 2024 17:20
 Operator : JC/MD
 Sample : VX0802WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802WBL01

Quant Time: Aug 02 21:35:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080224W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 02 21:32:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	14876	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	86785	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	81657	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	40806	27.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.200%
60) 4-Bromofluorobenzene	11.079	95	35902	26.359	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.867%
63) Toluene-d8	8.653	98	104132	28.912	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.367%

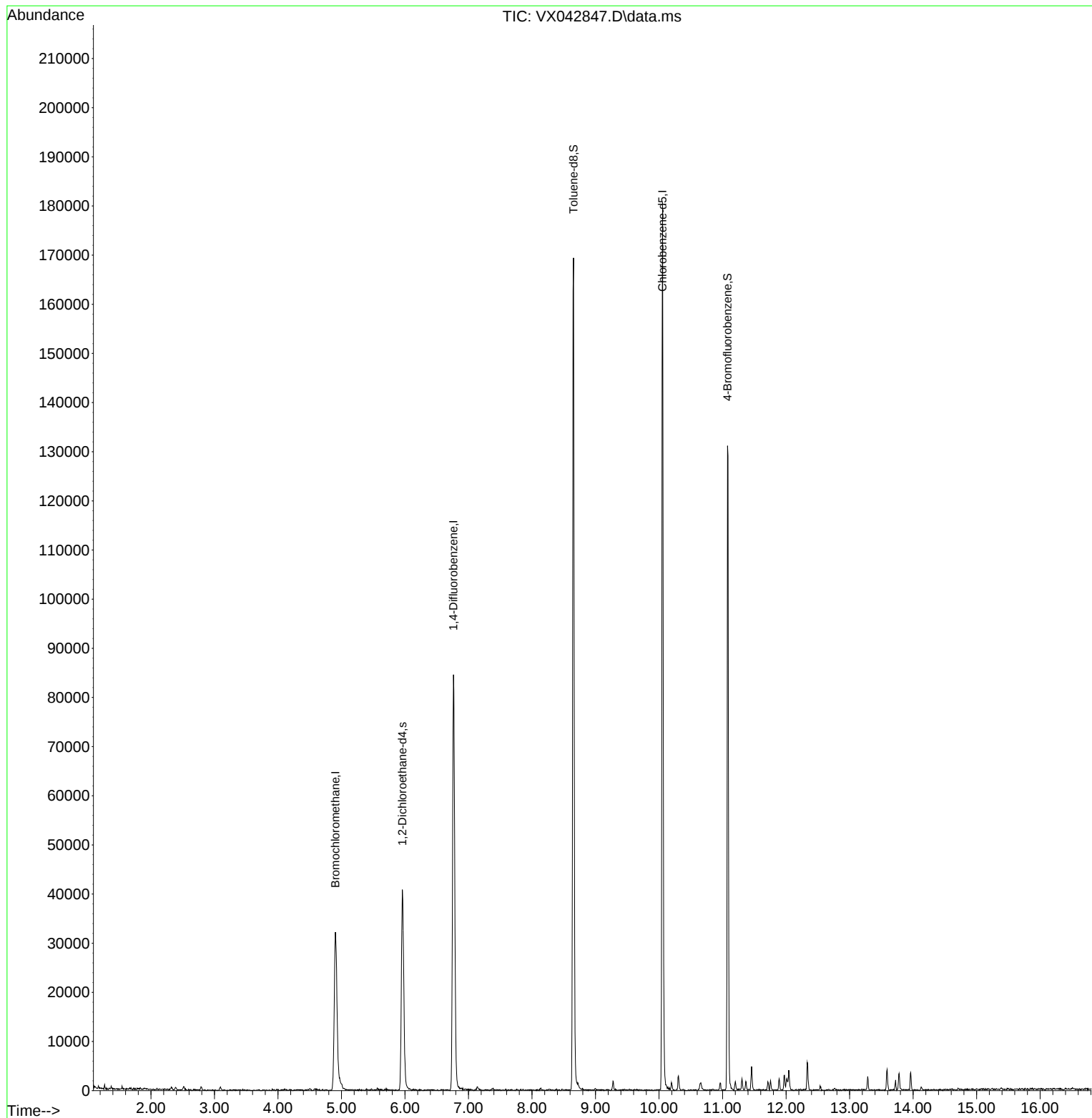
Target Compounds	Qvalue

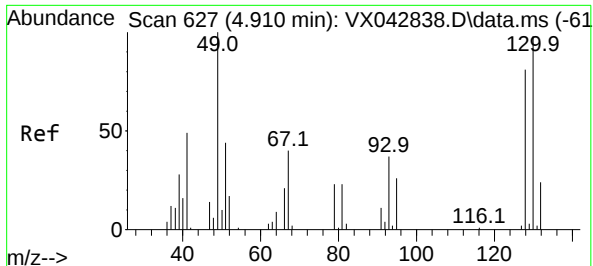
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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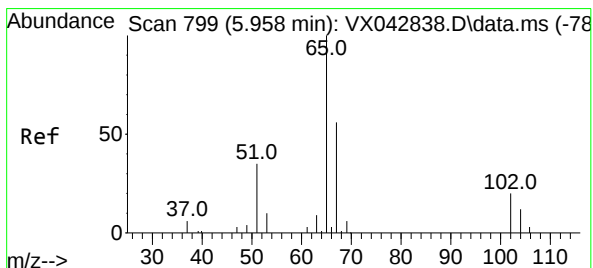
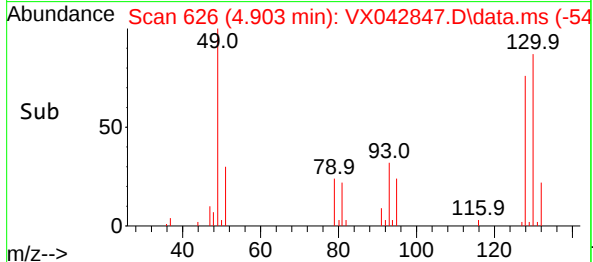
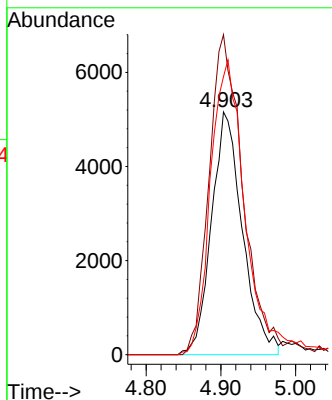
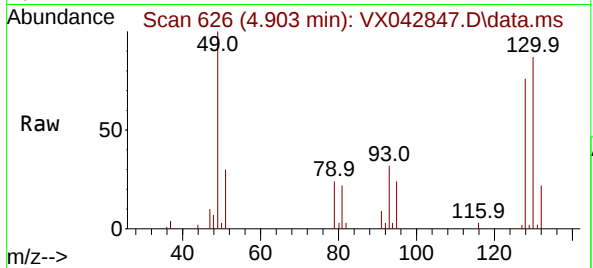




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX042847.D
Acq: 02 Aug 2024 17:20

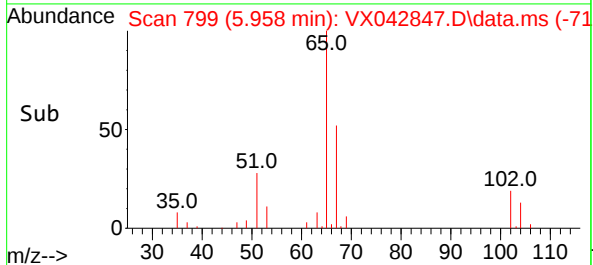
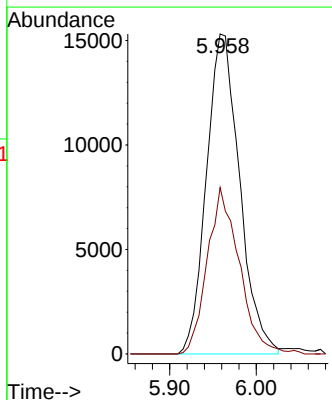
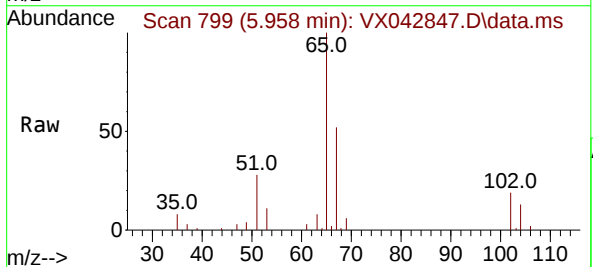
Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

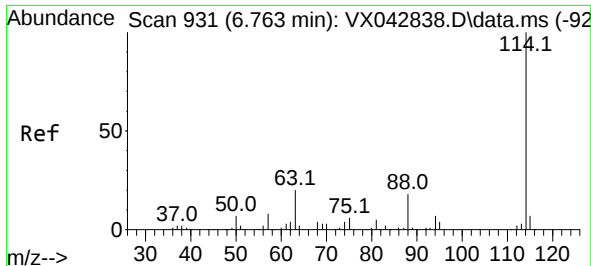
Tgt Ion:128 Resp: 14876
Ion Ratio Lower Upper
128 100
49 143.4 0.0 338.5
130 129.3 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 27.956 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042847.D
Acq: 02 Aug 2024 17:20

Tgt Ion: 65 Resp: 40806
Ion Ratio Lower Upper
65 100
67 49.9 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX042847.D

Acq: 02 Aug 2024 17:20

Instrument :

MSVOA_X

ClientSampleId :

VX0802WBL01

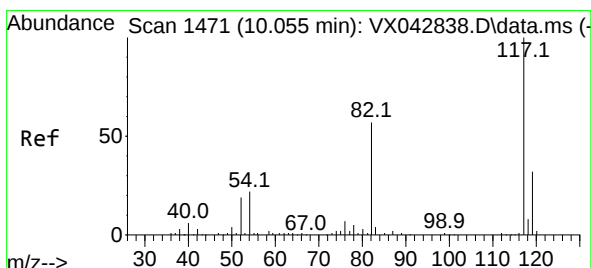
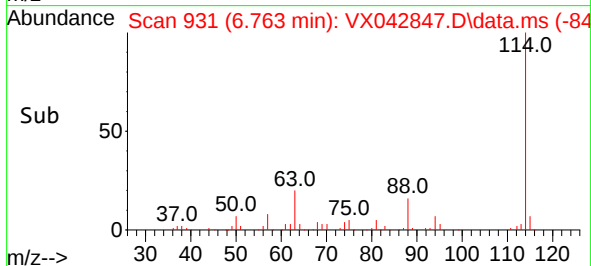
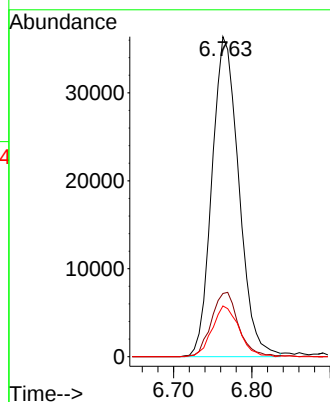
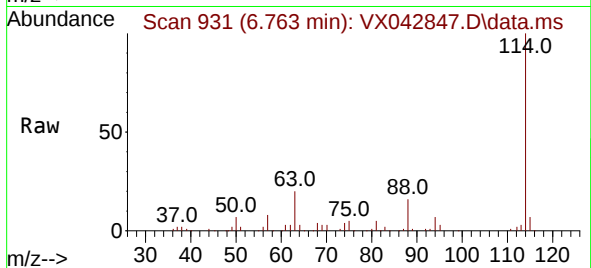
Tgt Ion:114 Resp: 86785

Ion Ratio Lower Upper

114 100

63 20.4 14.6 21.8

88 15.7 11.8 17.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042847.D

Acq: 02 Aug 2024 17:20

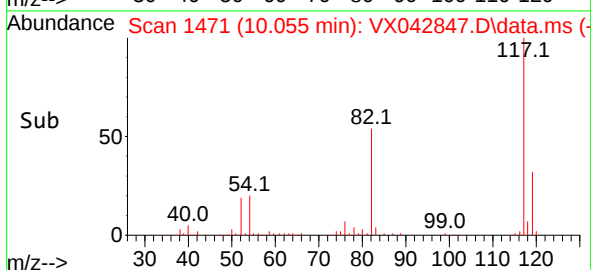
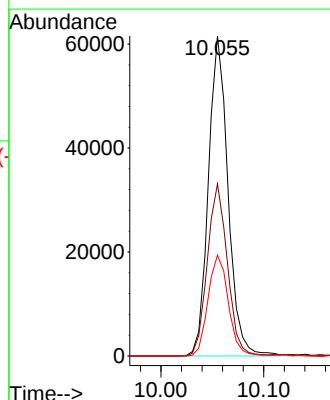
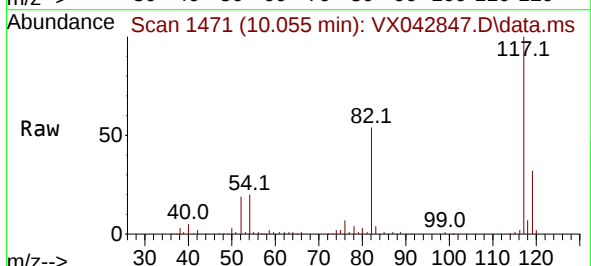
Tgt Ion:117 Resp: 81657

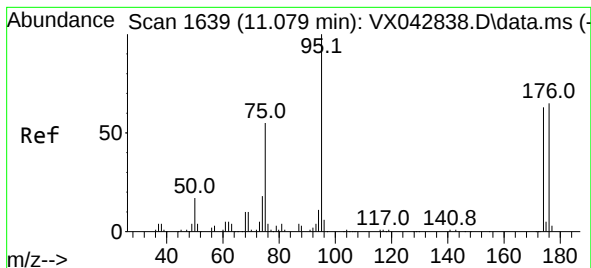
Ion Ratio Lower Upper

117 100

82 55.0 41.1 61.7

119 32.5 26.1 39.1

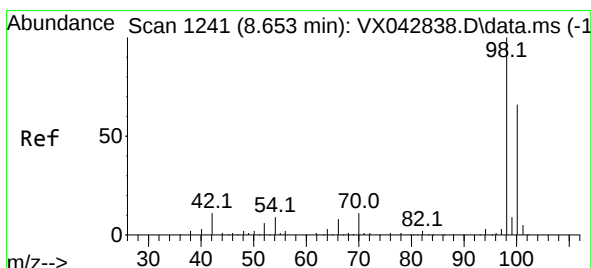
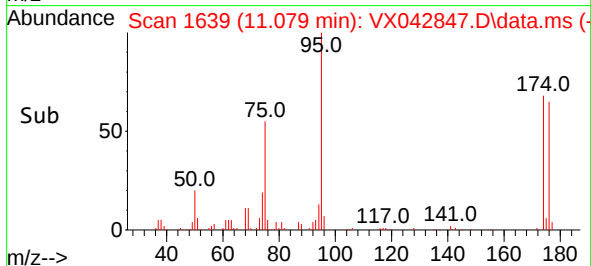
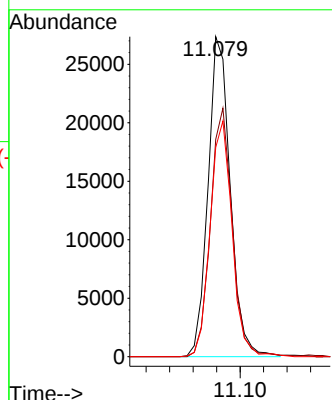
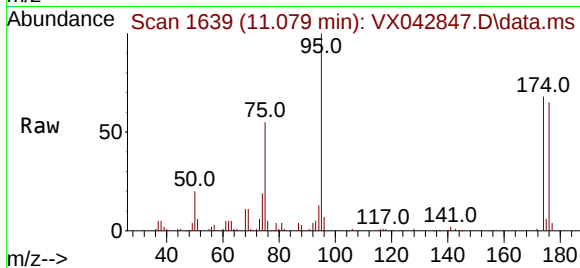




#60
4-Bromofluorobenzene
Concen: 26.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042847.D
Acq: 02 Aug 2024 17:20

Instrument :
MSVOA_X
ClientSampleId :
VX0802WBL01

Tgt Ion: 95 Resp: 35902
Ion Ratio Lower Upper
95 100
174 76.6 78.9 118.3#
176 72.5 77.1 115.7#



#63
Toluene-d8
Concen: 28.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX042847.D
Acq: 02 Aug 2024 17:20

Tgt Ion: 98 Resp: 104132
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1

