

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041903.D
 Acq On : 17 Jun 2024 12:28
 Operator : JC/MD
 Sample : VX0617WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0617WBL01

Quant Time: Jun 18 02:06:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.903	128	29540	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	166920	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	148274	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	62639	30.803	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.667%
60) 4-Bromofluorobenzene	11.079	95	61529	26.808	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.367%
63) Toluene-d8	8.646	98	191151	30.132	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.433%

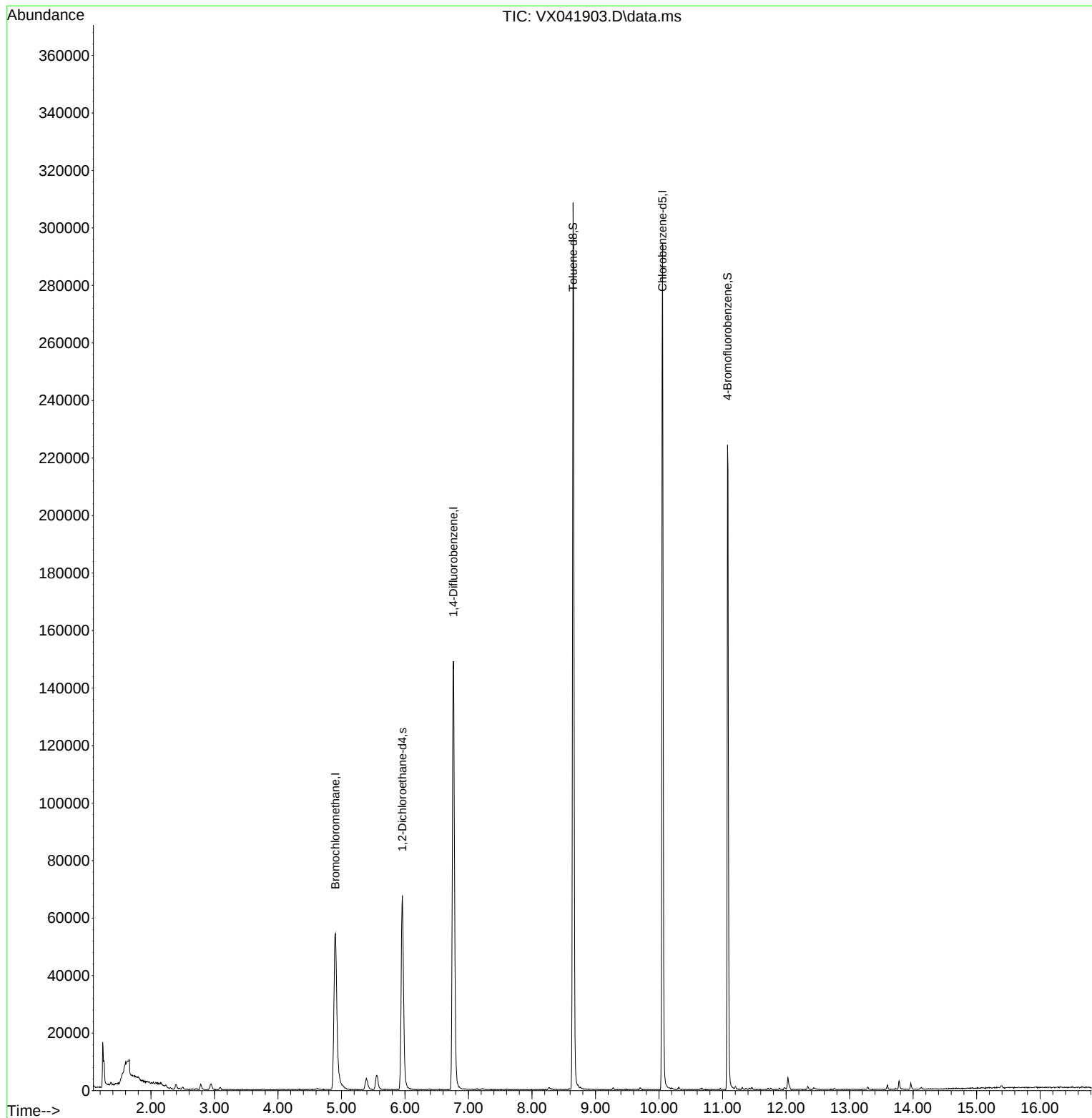
Target Compounds	Qvalue

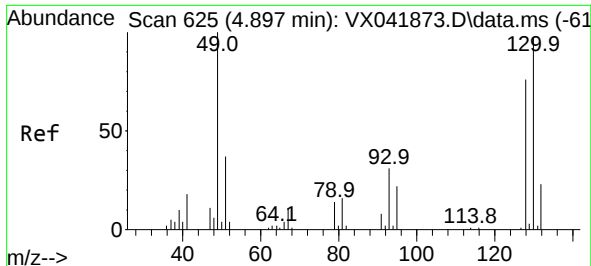
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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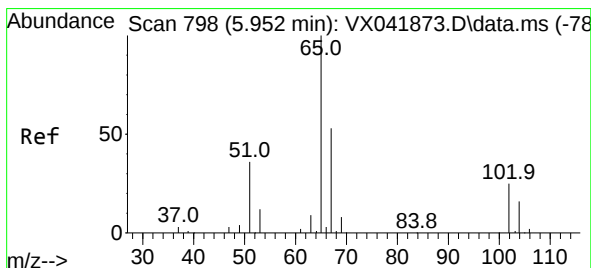
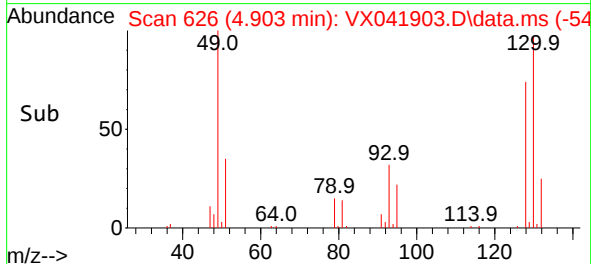
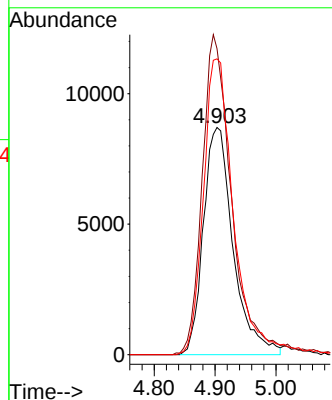
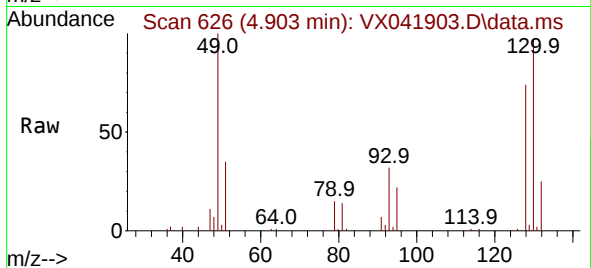




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041903.D
Acq: 17 Jun 2024 12:28

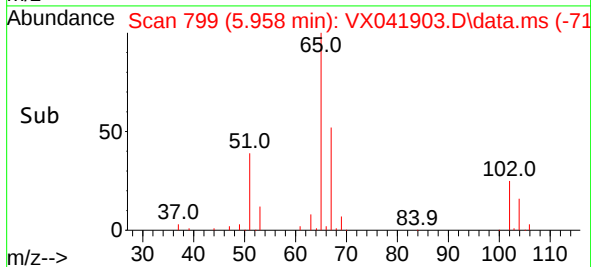
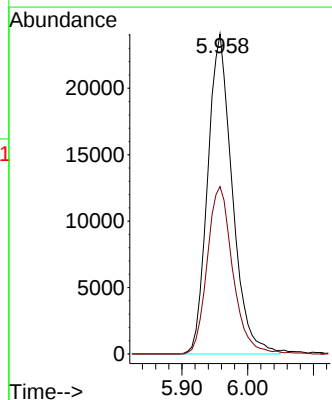
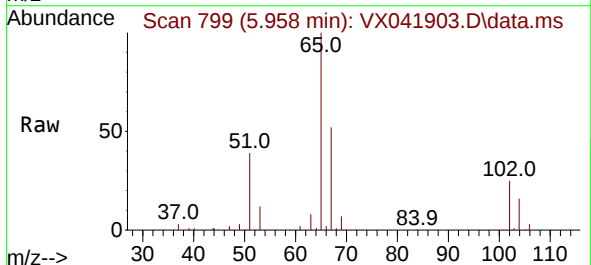
Instrument :
MSVOA_X
ClientSampleId :
VX0617WBL01

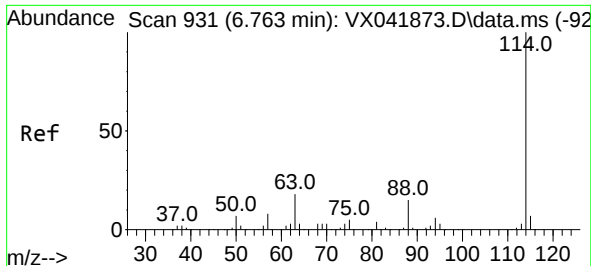
Tgt Ion:128 Resp: 29540
Ion Ratio Lower Upper
128 100
49 138.1 0.0 338.5
130 130.6 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 30.803 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041903.D
Acq: 17 Jun 2024 12:28

Tgt Ion: 65 Resp: 62639
Ion Ratio Lower Upper
65 100
67 54.2 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: VX041903.D

Acq: 17 Jun 2024 12:28

Instrument :

MSVOA_X

ClientSampleId :

VX0617WBL01

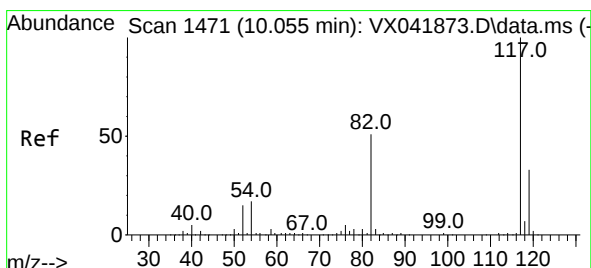
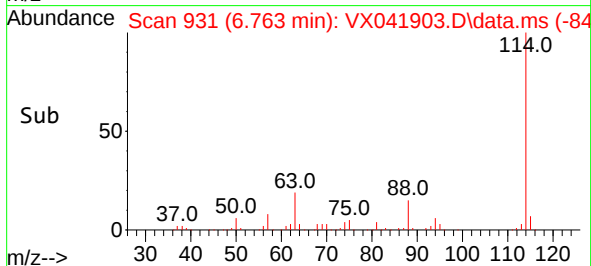
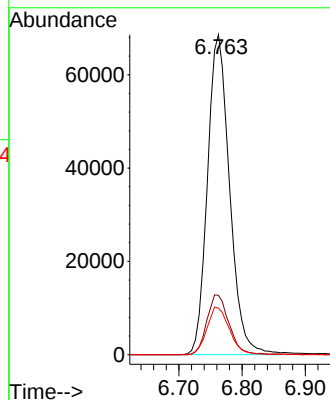
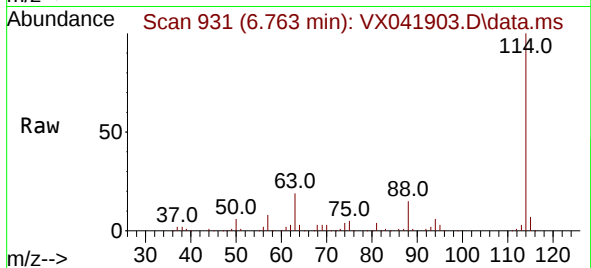
Tgt Ion:114 Resp: 166920

Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

88 15.0 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: VX041903.D

Acq: 17 Jun 2024 12:28

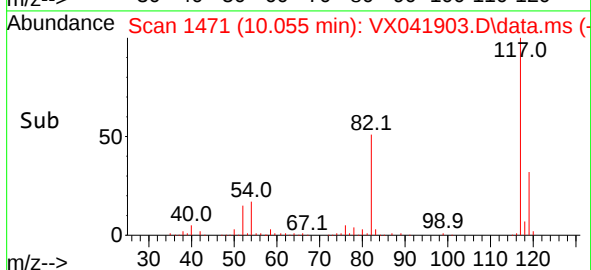
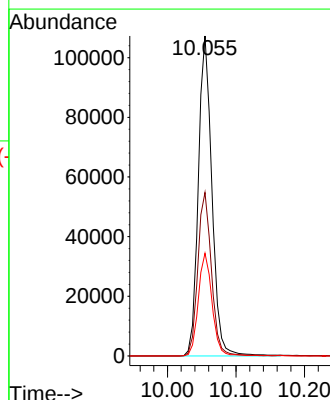
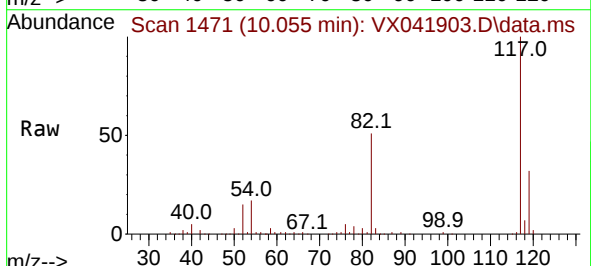
Tgt Ion:117 Resp: 148274

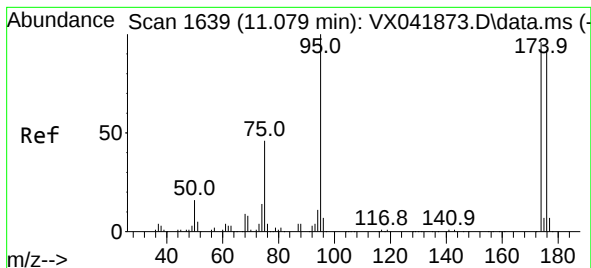
Ion Ratio Lower Upper

117 100

82 51.2 41.1 61.7

119 32.4 26.1 39.1

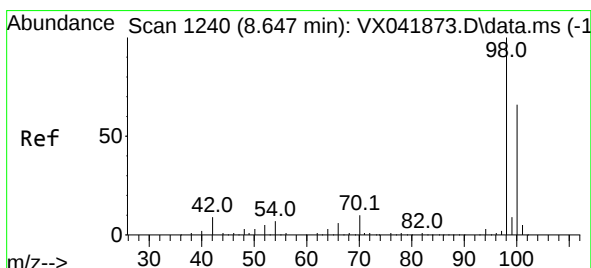
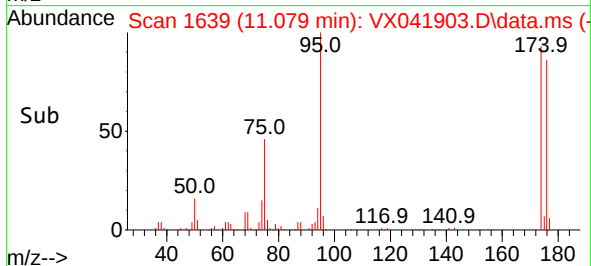
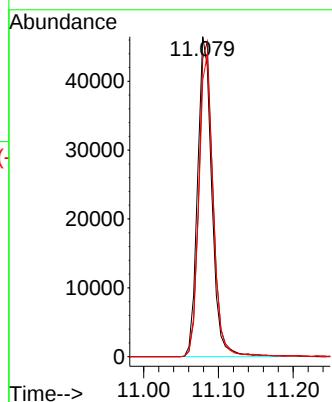
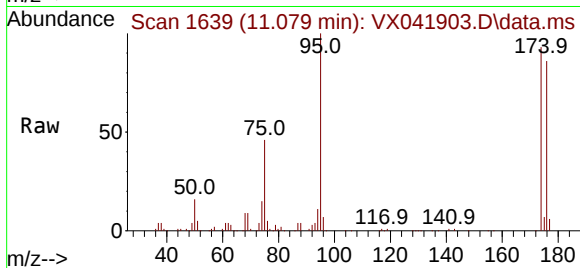




#60
4-Bromofluorobenzene
Concen: 26.808 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041903.D
Acq: 17 Jun 2024 12:28

Instrument :
MSVOA_X
ClientSampleId :
VX0617WBL01

Tgt Ion: 95 Resp: 61529
Ion Ratio Lower Upper
95 100
174 97.9 78.9 118.3
176 93.8 77.1 115.7



#63
Toluene-d8
Concen: 30.132 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041903.D
Acq: 17 Jun 2024 12:28

Tgt Ion: 98 Resp: 191151
Ion Ratio Lower Upper
98 100
100 67.6 52.7 79.1

