

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032224\
 Data File : VX040773.D
 Acq On : 22 Mar 2024 12:27
 Operator : JC/MD
 Sample : VX0322WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

Quant Time: Mar 23 05:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	15954	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	90962	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	80582	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	46607	29.250	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.500%
60) 4-Bromofluorobenzene	11.079	95	40454	29.267	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.567%
63) Toluene-d8	8.647	98	104388	29.313	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.700%

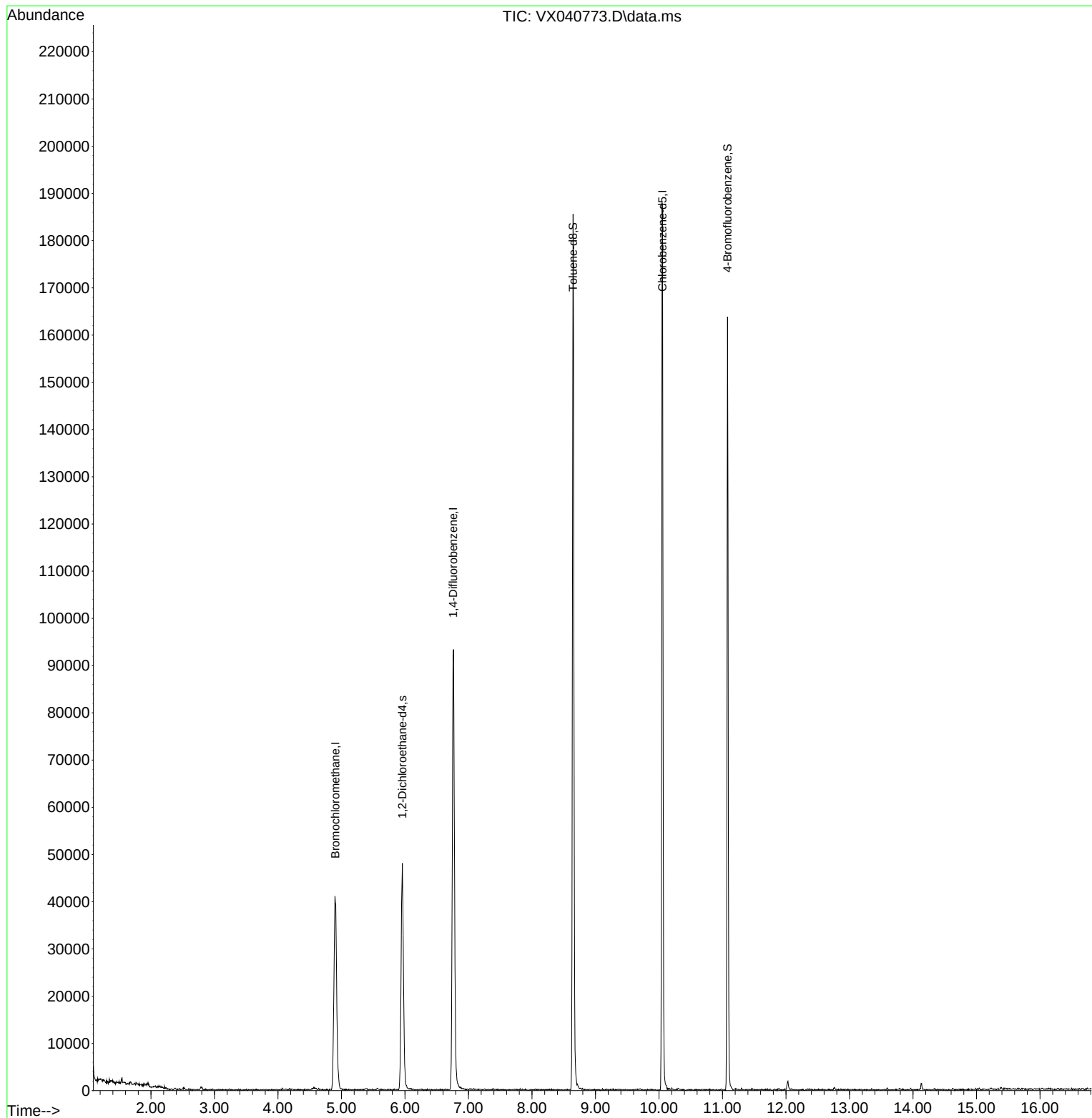
Target Compounds	Qvalue

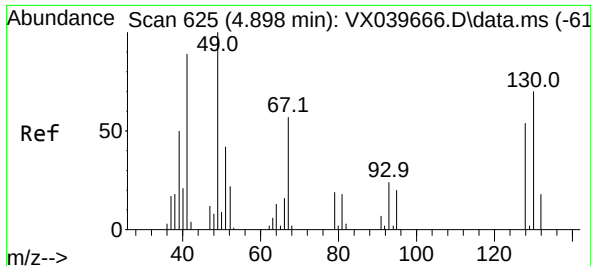
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.904 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX040773.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0322WBL01

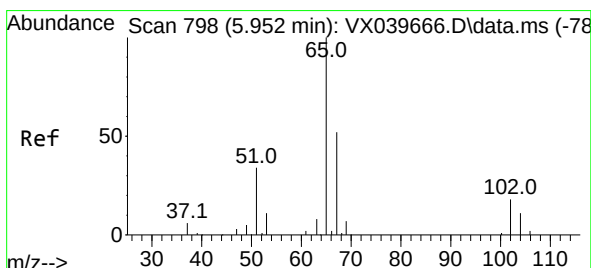
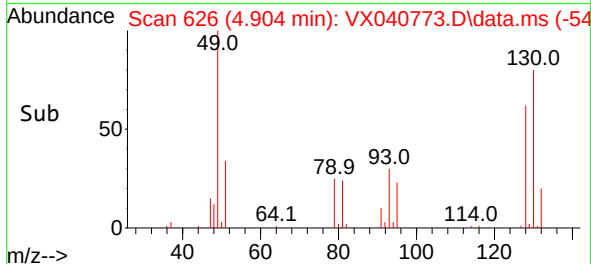
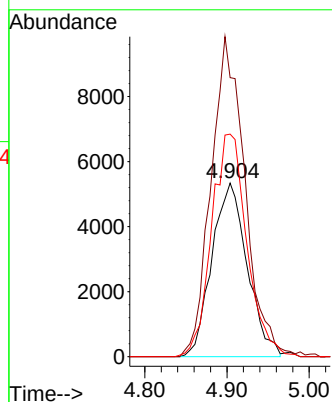
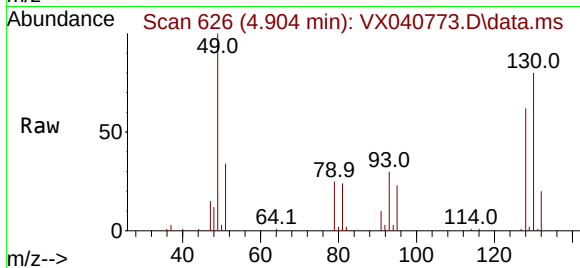
Tgt Ion:128 Resp: 15954

Ion Ratio Lower Upper

128 100

49 175.9 0.0 444.0

130 127.9 0.0 297.8



#27

1,2-Dichloroethane-d4

Concen: 29.250 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX040773.D

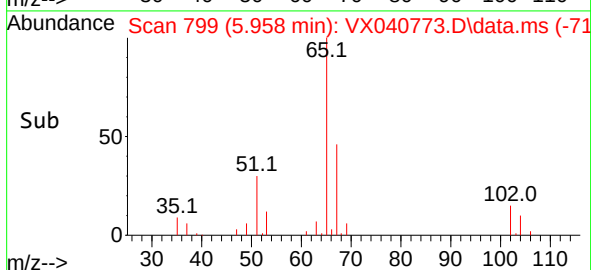
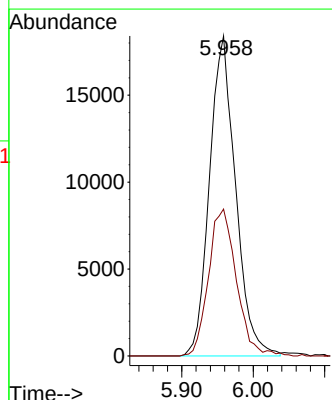
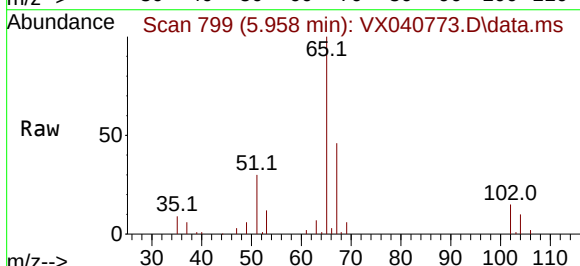
Acq: 22 Mar 2024 12:27

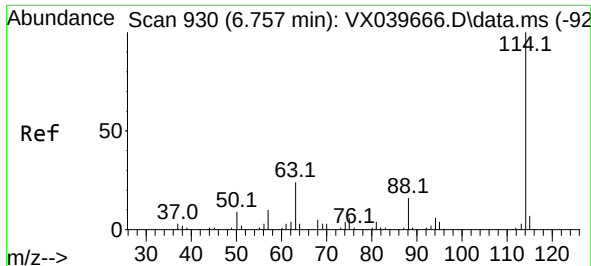
Tgt Ion: 65 Resp: 46607

Ion Ratio Lower Upper

65 100

67 48.3 42.5 63.7

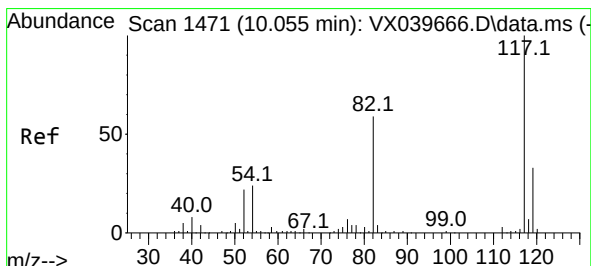
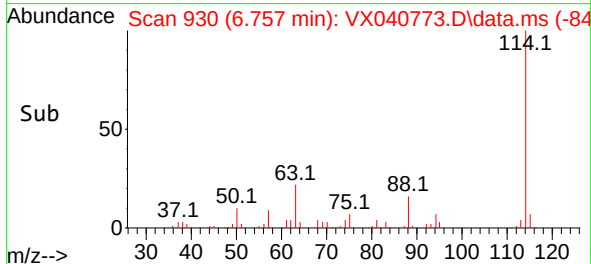
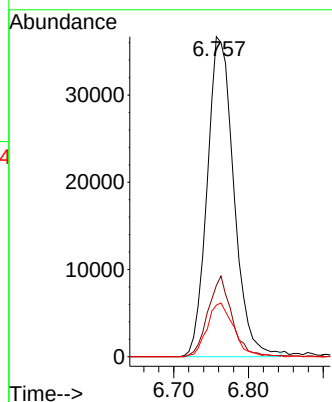
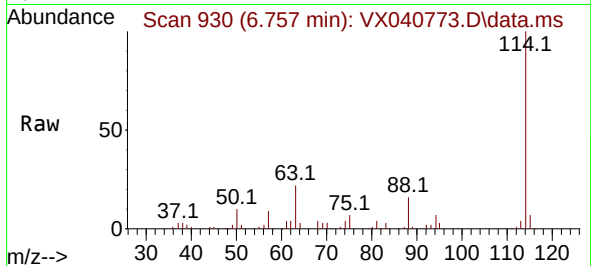




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX040773.D
 Acq: 22 Mar 2024 12:27

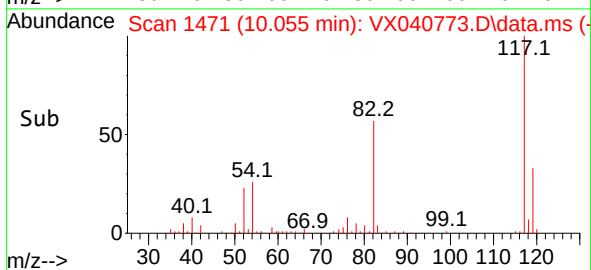
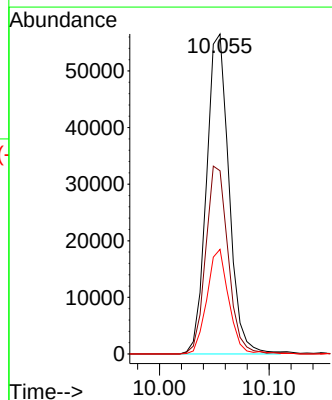
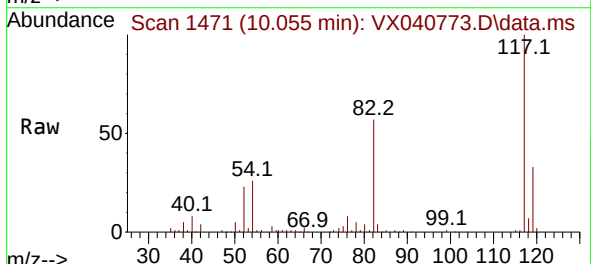
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL01

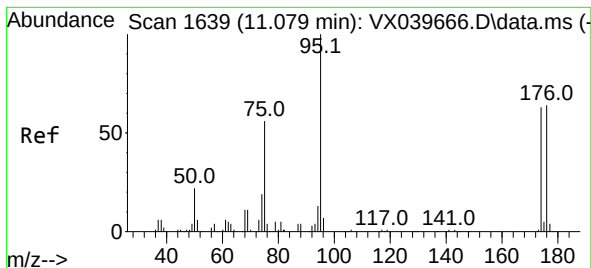
Tgt Ion:114 Resp: 90962
 Ion Ratio Lower Upper
 114 100
 63 22.7 17.0 25.4
 88 16.6 12.7 19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX040773.D
 Acq: 22 Mar 2024 12:27

Tgt Ion:117 Resp: 80582
 Ion Ratio Lower Upper
 117 100
 82 58.3 47.0 70.6
 119 31.4 25.2 37.8

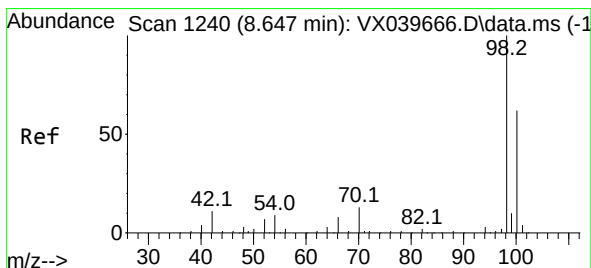
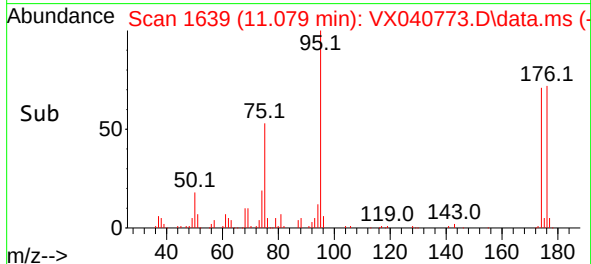
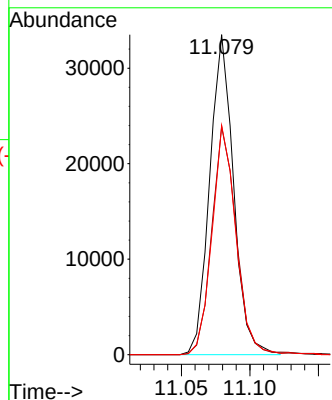
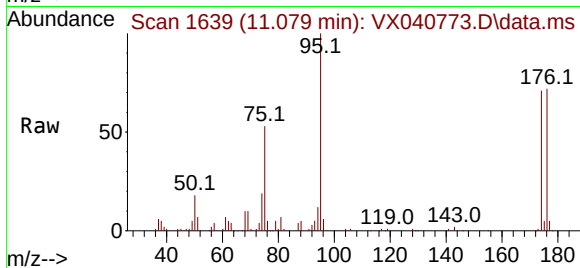




#60
4-Bromofluorobenzene
Concen: 29.267 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040773.D
Acq: 22 Mar 2024 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL01

Tgt Ion: 95 Resp: 40454
Ion Ratio Lower Upper
95 100
174 72.4 55.4 83.2
176 71.8 52.6 78.8



#63
Toluene-d8
Concen: 29.313 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040773.D
Acq: 22 Mar 2024 12:27

Tgt Ion: 98 Resp: 104388
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

