

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030924\
 Data File : VX040623.D
 Acq On : 08 Mar 2024 11:32
 Operator : JC/MD
 Sample : VX0309WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBL01

Quant Time: Mar 08 23:52:01 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	4.897	128	14546	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	77725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	69692	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	41824	28.789	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.967%
60) 4-Bromofluorobenzene	11.079	95	34938	29.226	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.433%
63) Toluene-d8	8.647	98	98357	31.935	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.467%

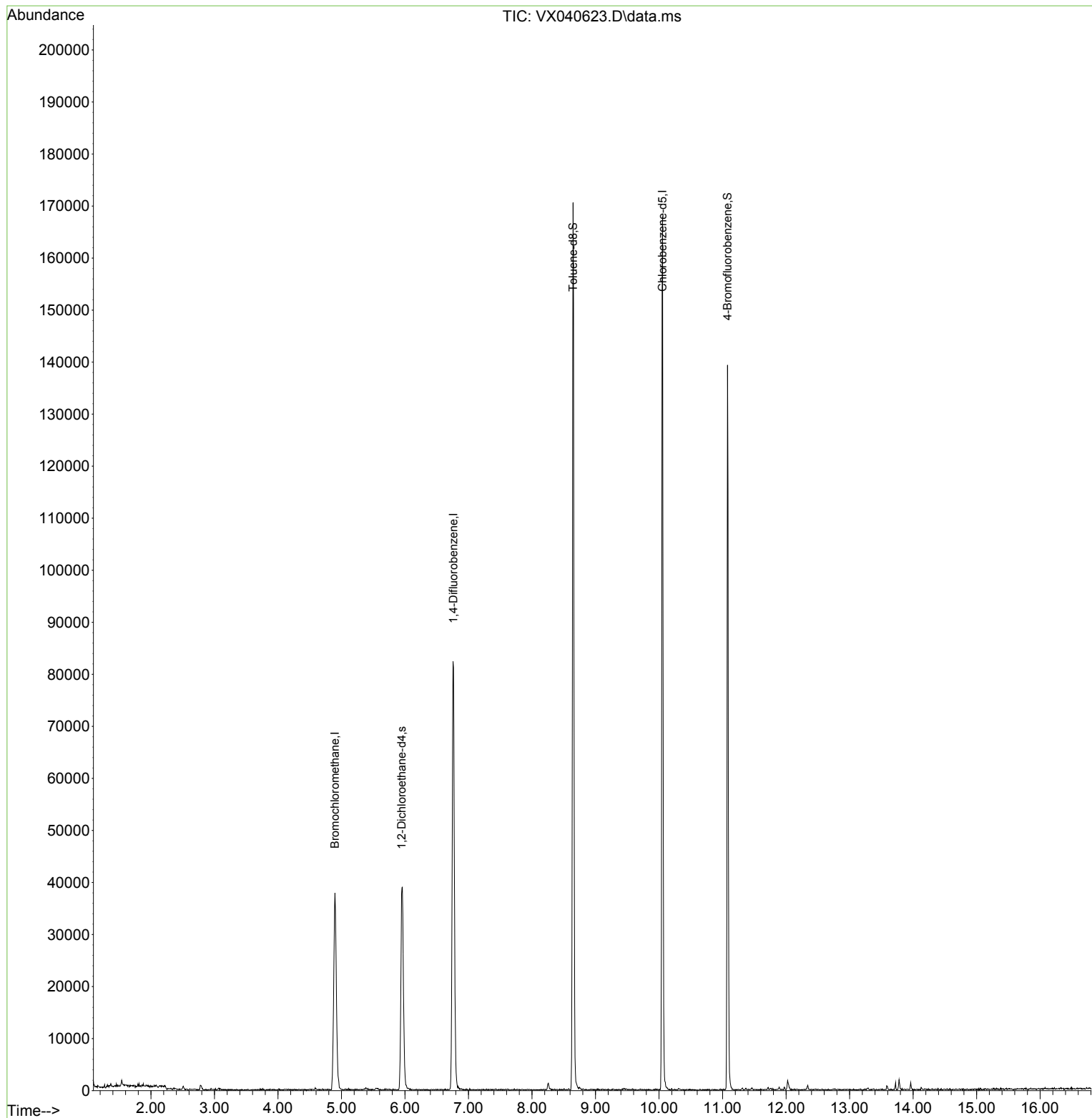
Target Compounds	Qvalue

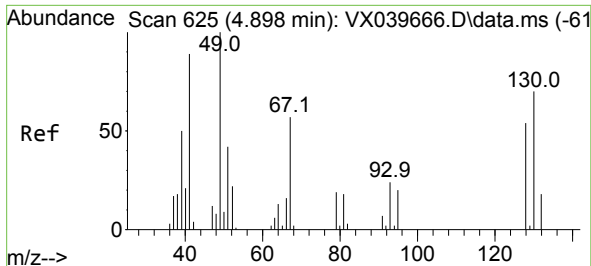
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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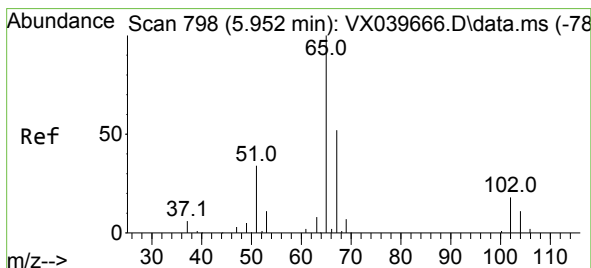
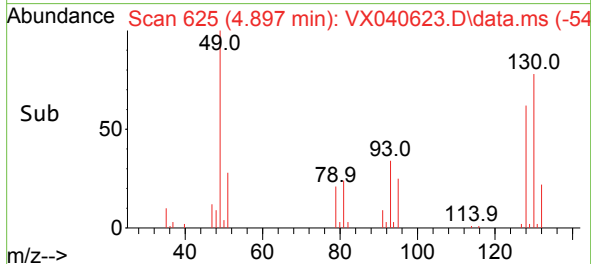
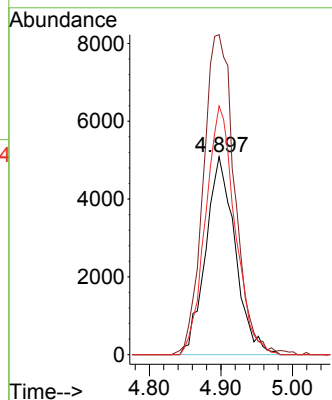
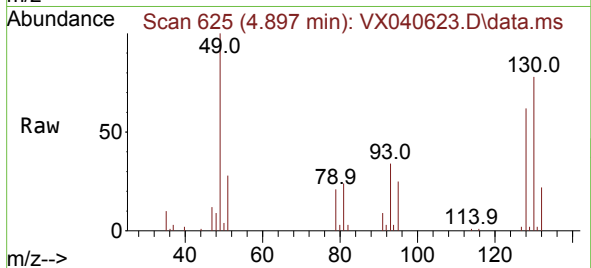




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX040623.D
Acq: 08 Mar 2024 11:32

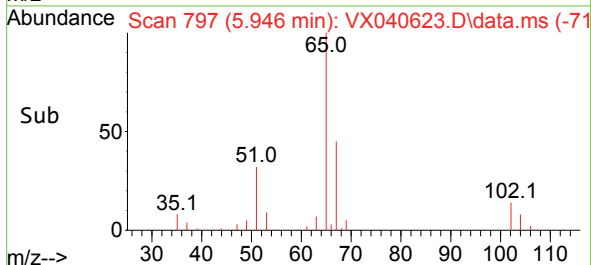
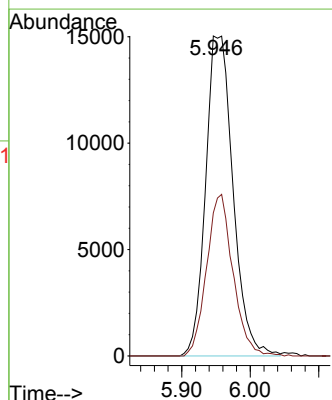
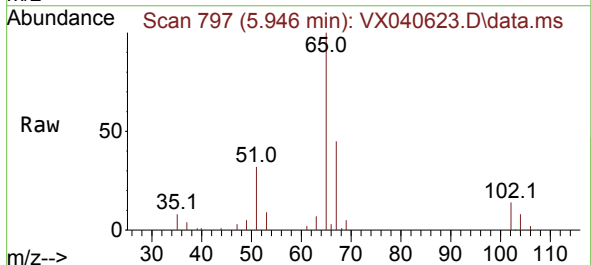
Instrument :
MSVOA_X
ClientSampleId :
VX0309WBL01

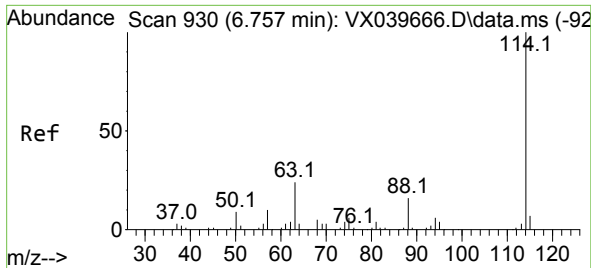
Tgt Ion:128 Resp: 14546
Ion Ratio Lower Upper
128 100
49 171.3 0.0 444.0
130 126.4 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 28.789 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX040623.D
Acq: 08 Mar 2024 11:32

Tgt Ion: 65 Resp: 41824
Ion Ratio Lower Upper
65 100
67 48.3 42.5 63.7

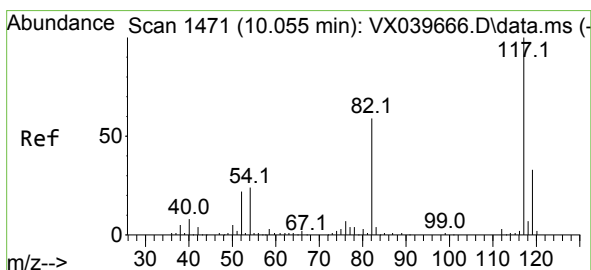
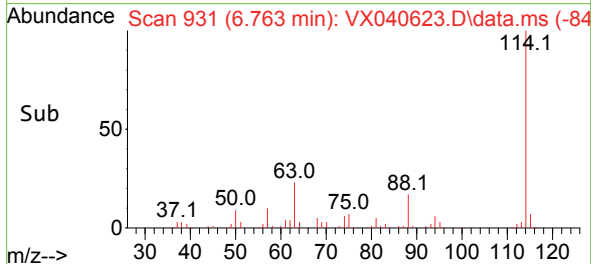
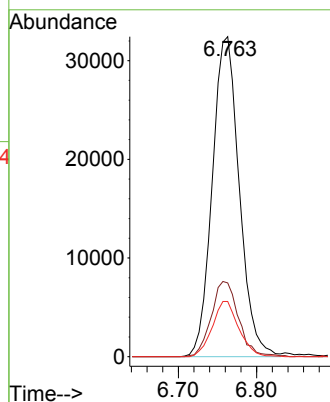
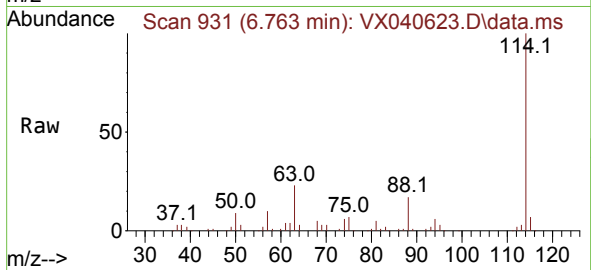




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VX040623.D
 Acq: 08 Mar 2024 11:32

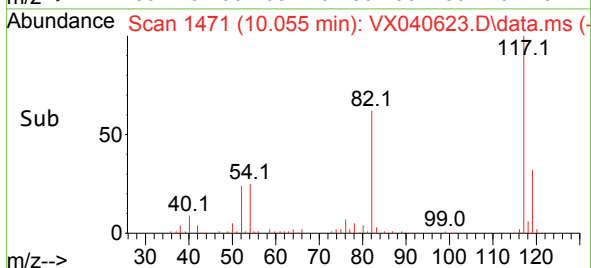
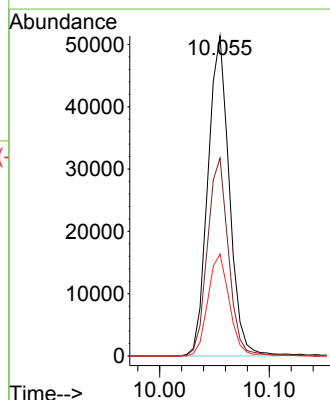
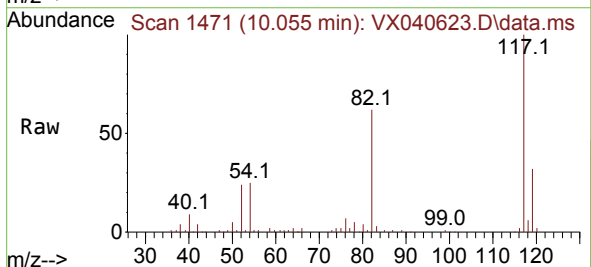
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBL01

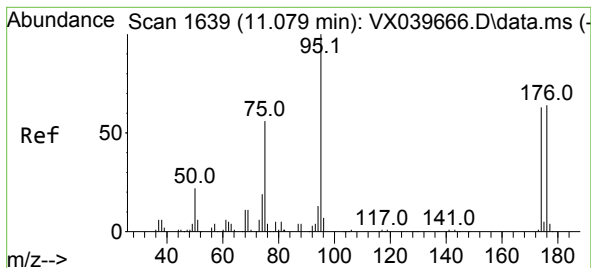
Tgt Ion:114 Resp: 77725
 Ion Ratio Lower Upper
 114 100
 63 23.7 17.0 25.4
 88 17.0 12.7 19.1



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VX040623.D
 Acq: 08 Mar 2024 11:32

Tgt Ion:117 Resp: 69692
 Ion Ratio Lower Upper
 117 100
 82 60.9 47.0 70.6
 119 31.6 25.2 37.8

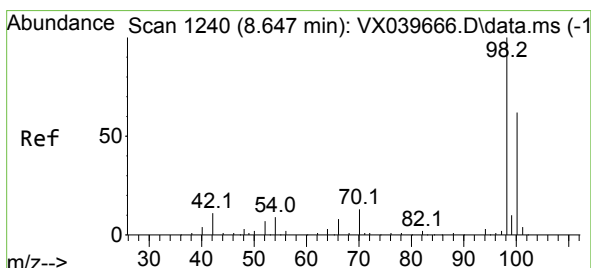
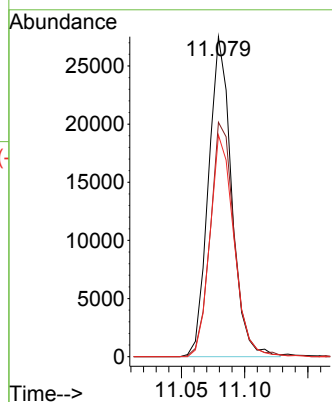
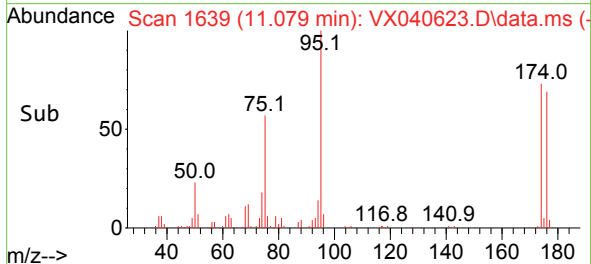
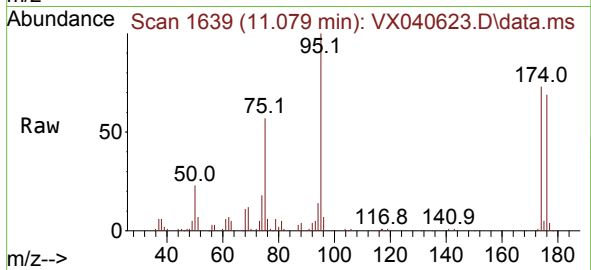




#60
4-Bromofluorobenzene
Concen: 29.226 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040623.D
Acq: 08 Mar 2024 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBL01

Tgt Ion: 95 Resp: 34938
Ion Ratio Lower Upper
95 100
174 76.3 55.4 83.2
176 71.8 52.6 78.8



#63
Toluene-d8
Concen: 31.935 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040623.D
Acq: 08 Mar 2024 11:32

Tgt Ion: 98 Resp: 98357
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4

