

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030624\
 Data File : VX040596.D
 Acq On : 06 Mar 2024 10:31
 Operator : JC/MD
 Sample : VX0306WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBL01

Quant Time: Mar 07 04:33:48 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	4.903	128	15028	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	85442	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79404	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45353	30.217	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.733%
60) 4-Bromofluorobenzene	11.079	95	38767	28.463	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.867%
63) Toluene-d8	8.646	98	103485	29.491	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.300%

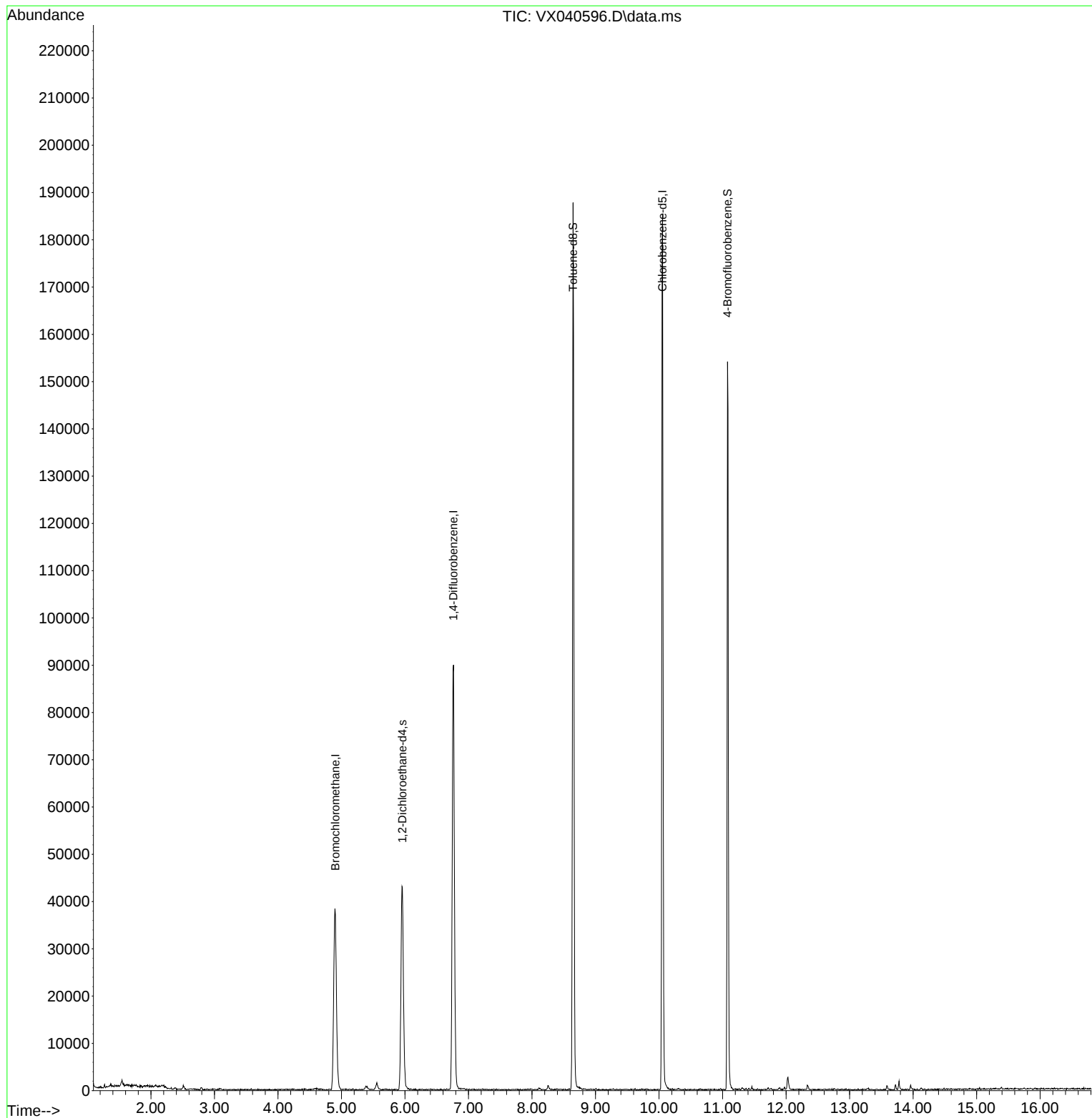
Target Compounds	Qvalue

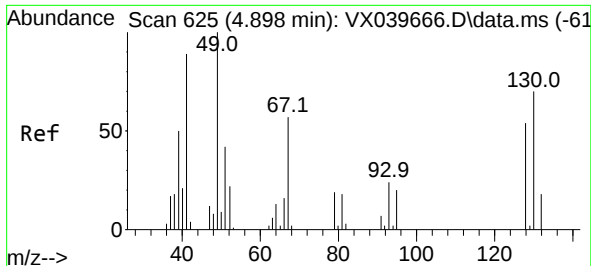
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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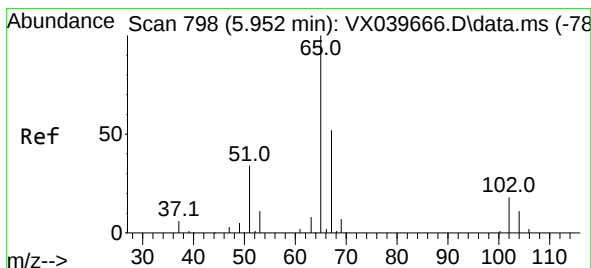
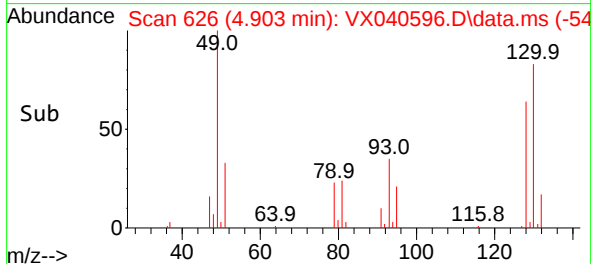
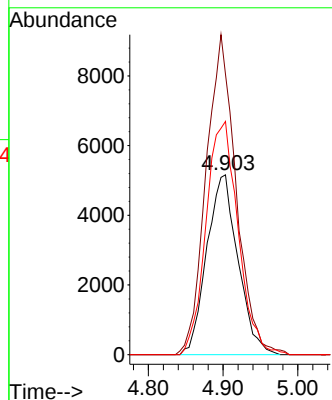
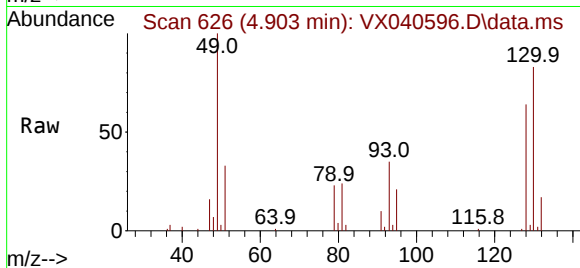




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.005 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

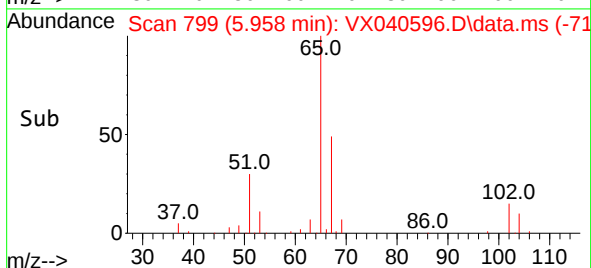
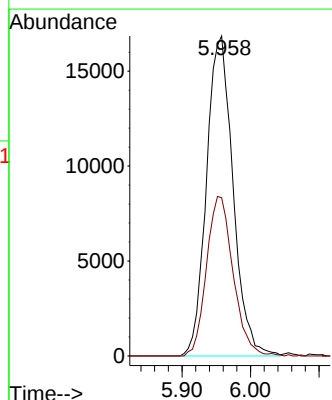
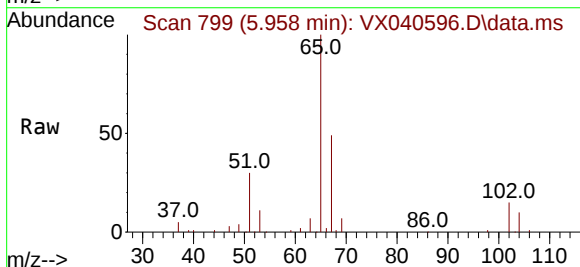
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

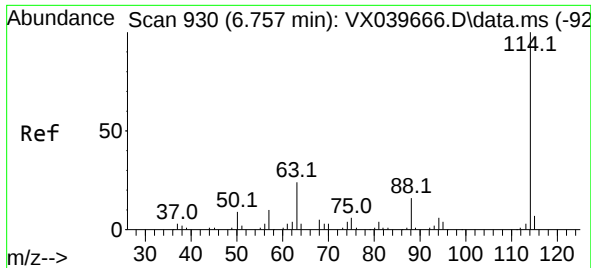
Tgt Ion:128 Resp: 15028
Ion Ratio Lower Upper
128 100
49 171.0 0.0 444.0
130 133.2 0.0 297.8



#27
1,2-Dichloroethane-d4
Concen: 30.217 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

Tgt Ion: 65 Resp: 45353
Ion Ratio Lower Upper
65 100
67 49.8 42.5 63.7

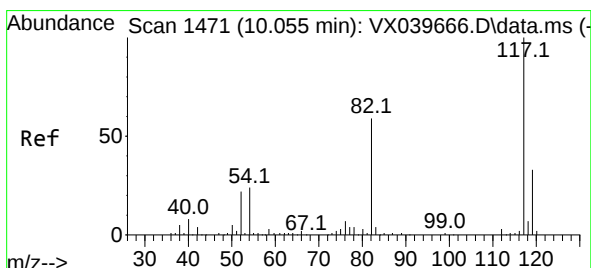
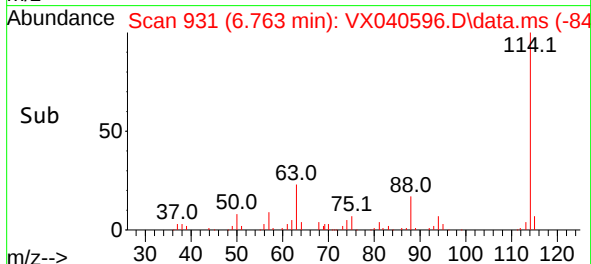
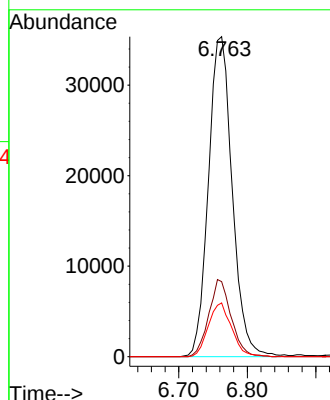
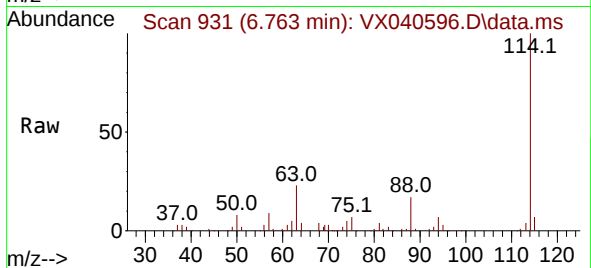




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

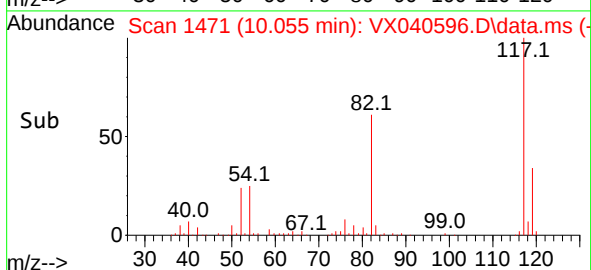
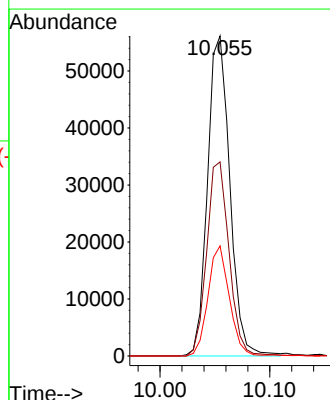
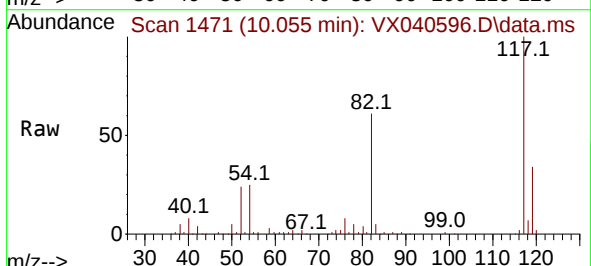
Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

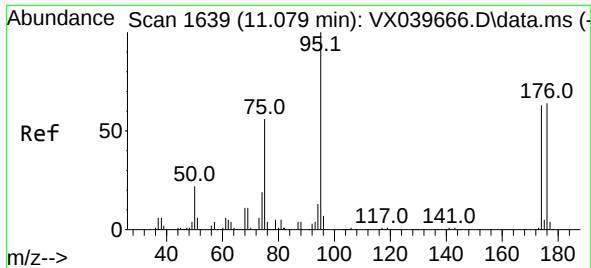
Tgt Ion:114 Resp: 85442
Ion Ratio Lower Upper
114 100
63 22.6 17.0 25.4
88 16.4 12.7 19.1



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

Tgt Ion:117 Resp: 79404
Ion Ratio Lower Upper
117 100
82 60.8 47.0 70.6
119 32.8 25.2 37.8

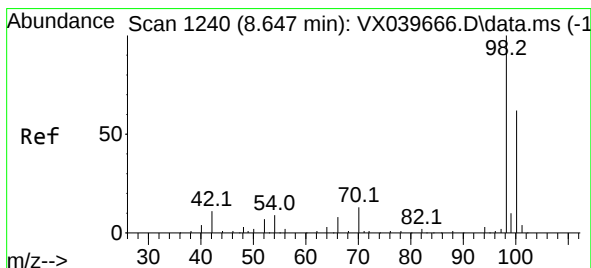
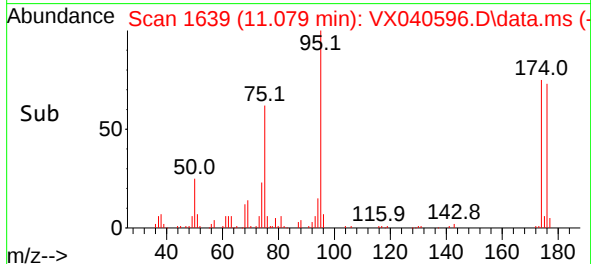
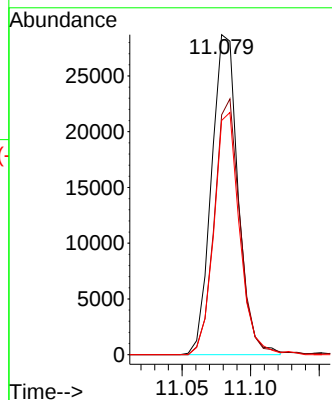
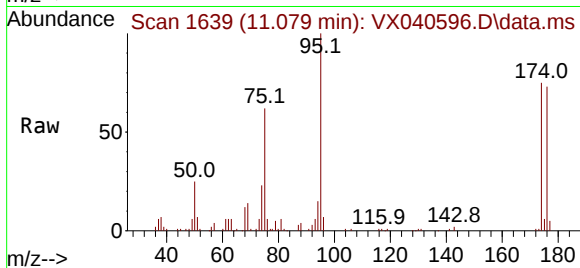




#60
4-Bromofluorobenzene
Concen: 28.463 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBL01

Tgt Ion: 95 Resp: 38767
Ion Ratio Lower Upper
95 100
174 77.2 55.4 83.2
176 72.7 52.6 78.8



#63
Toluene-d8
Concen: 29.491 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.001 min
Lab File: VX040596.D
Acq: 06 Mar 2024 10:31

Tgt Ion: 98 Resp: 103485
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.4

