

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071224\
 Data File : VX042303.D
 Acq On : 12 Jul 2024 15:26
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 15 03:28:18 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	4.904	128	26314	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	140279	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	124349	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	53645	29.615	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.700%
60) 4-Bromofluorobenzene	11.079	95	51192	26.596	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.667%
63) Toluene-d8	8.647	98	156403	29.399	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.000%

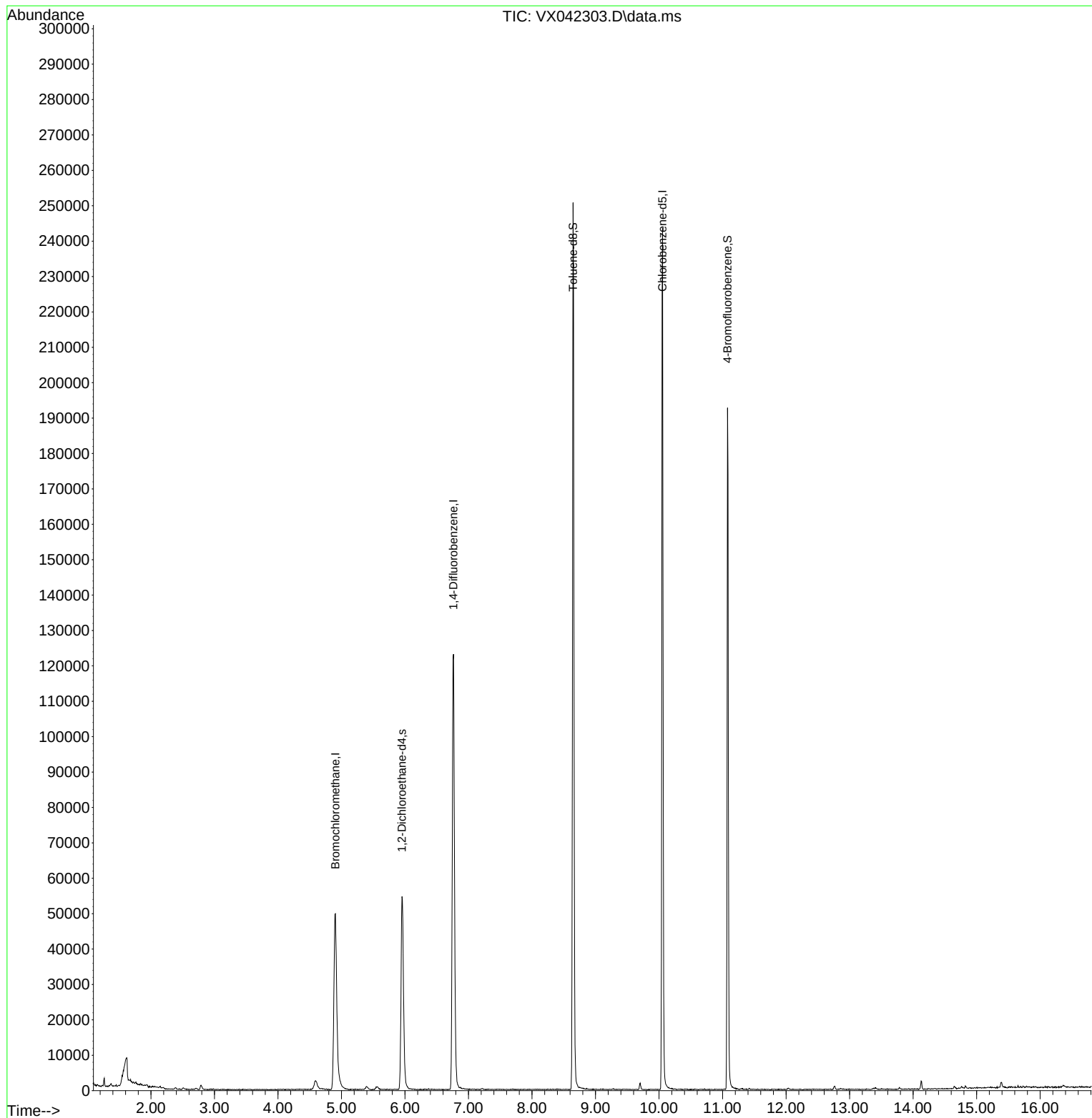
Target Compounds	Qvalue

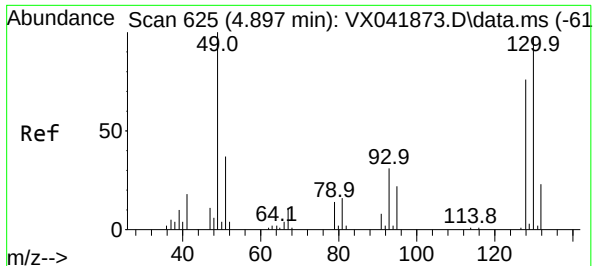
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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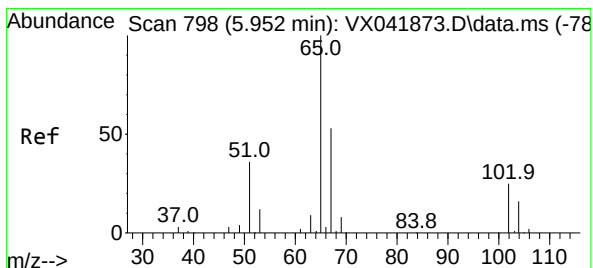
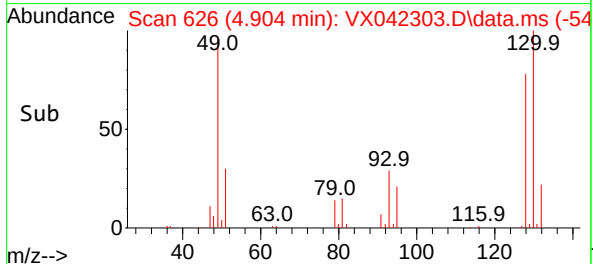
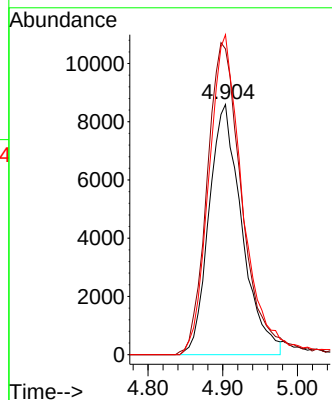
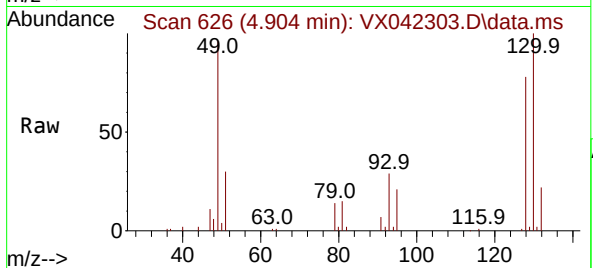




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

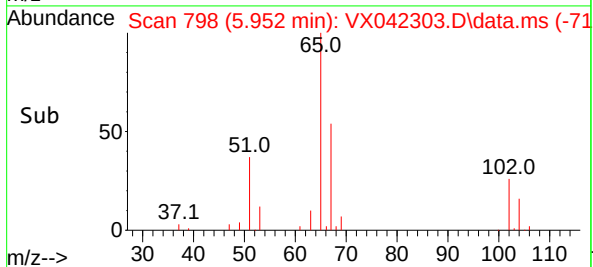
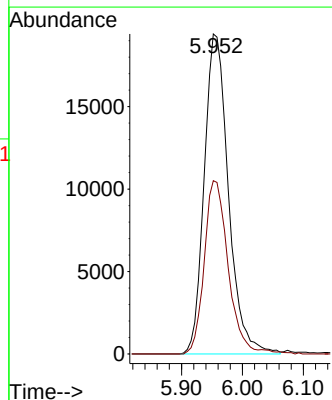
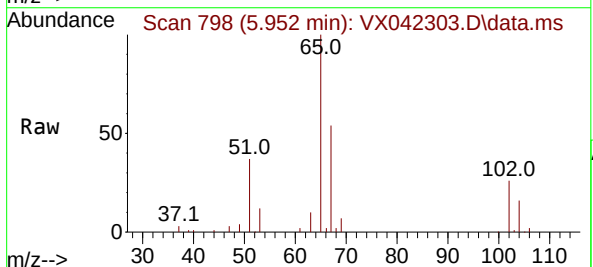
Instrument :
MSVOA_X
ClientSampleId :
IBLK

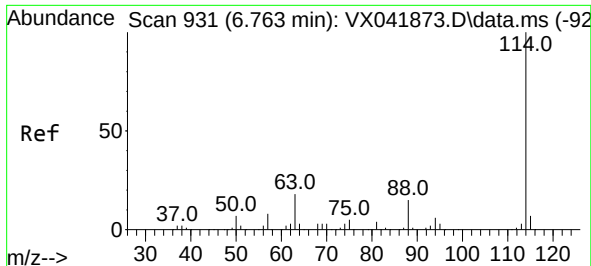
Tgt Ion:128 Resp: 26314
Ion Ratio Lower Upper
128 100
49 132.3 0.0 338.5
130 130.1 0.0 324.5



#27
1,2-Dichloroethane-d4
Concen: 29.615 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

Tgt Ion: 65 Resp: 53645
Ion Ratio Lower Upper
65 100
67 52.8 43.4 65.0

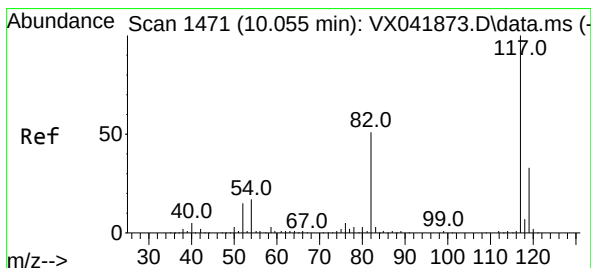
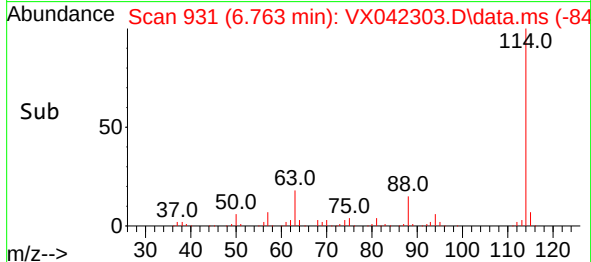
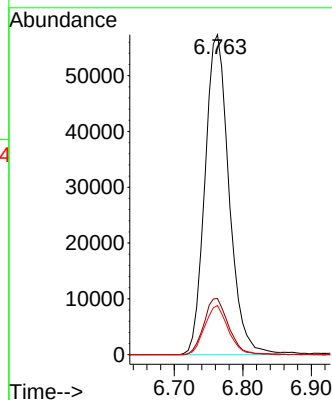
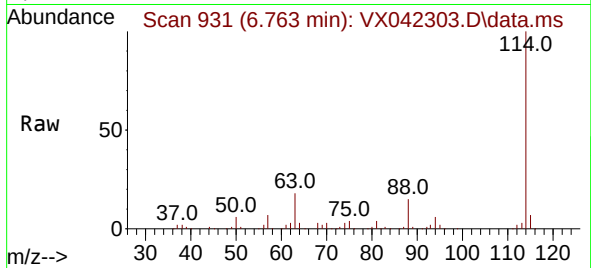




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

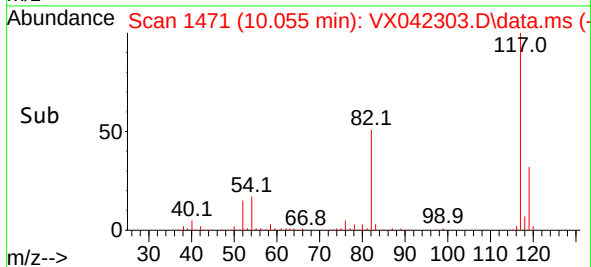
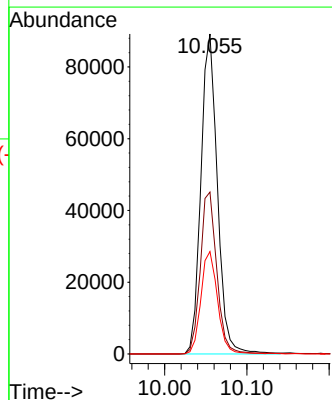
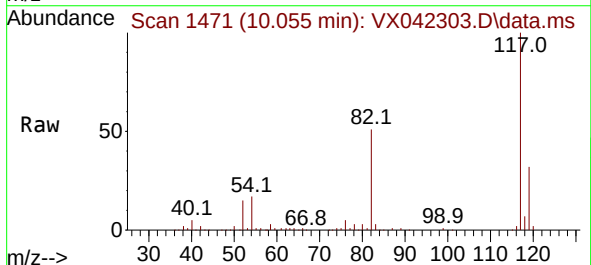
Instrument :
MSVOA_X
ClientSampleId :
IBLK

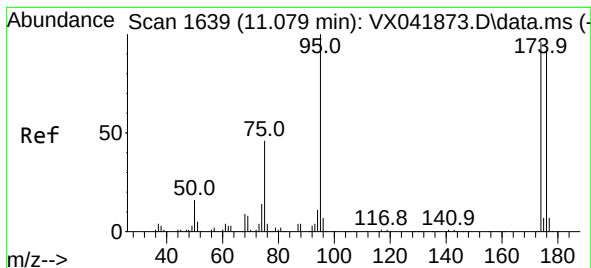
Tgt Ion:114 Resp: 140279
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 15.0 11.8 17.8



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

Tgt Ion:117 Resp: 124349
Ion Ratio Lower Upper
117 100
82 50.5 41.1 61.7
119 32.4 26.1 39.1

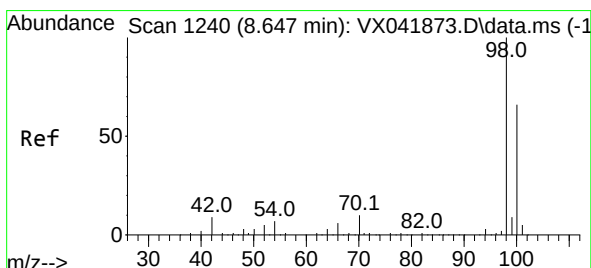
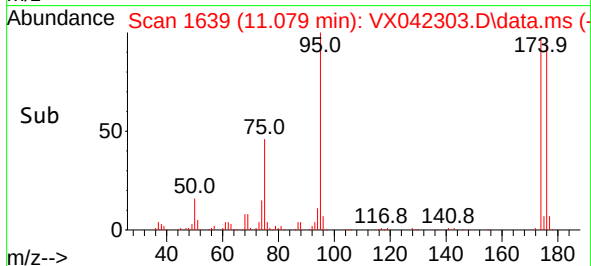
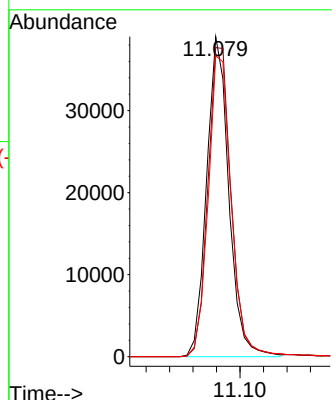
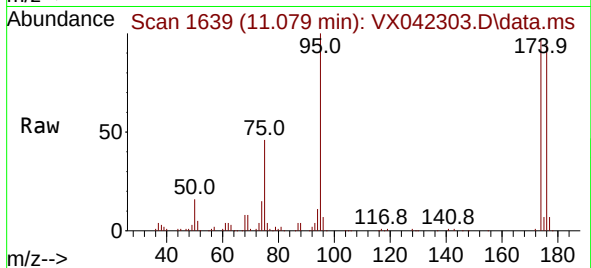




#60
4-Bromofluorobenzene
Concen: 26.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 51192
Ion Ratio Lower Upper
95 100
174 102.2 78.9 118.3
176 98.1 77.1 115.7



#63
Toluene-d8
Concen: 29.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042303.D
Acq: 12 Jul 2024 15:26

Tgt Ion: 98 Resp: 156403
Ion Ratio Lower Upper
98 100
100 67.1 52.7 79.1

