

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041585.D
 Acq On : 21 May 2024 13:47
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 22 02:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	26910	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	137765	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	122323	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	63620	30.022	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.067%
60) 4-Bromofluorobenzene	11.079	95	51928	27.194	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.633%
63) Toluene-d8	8.647	98	156367	29.821	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%

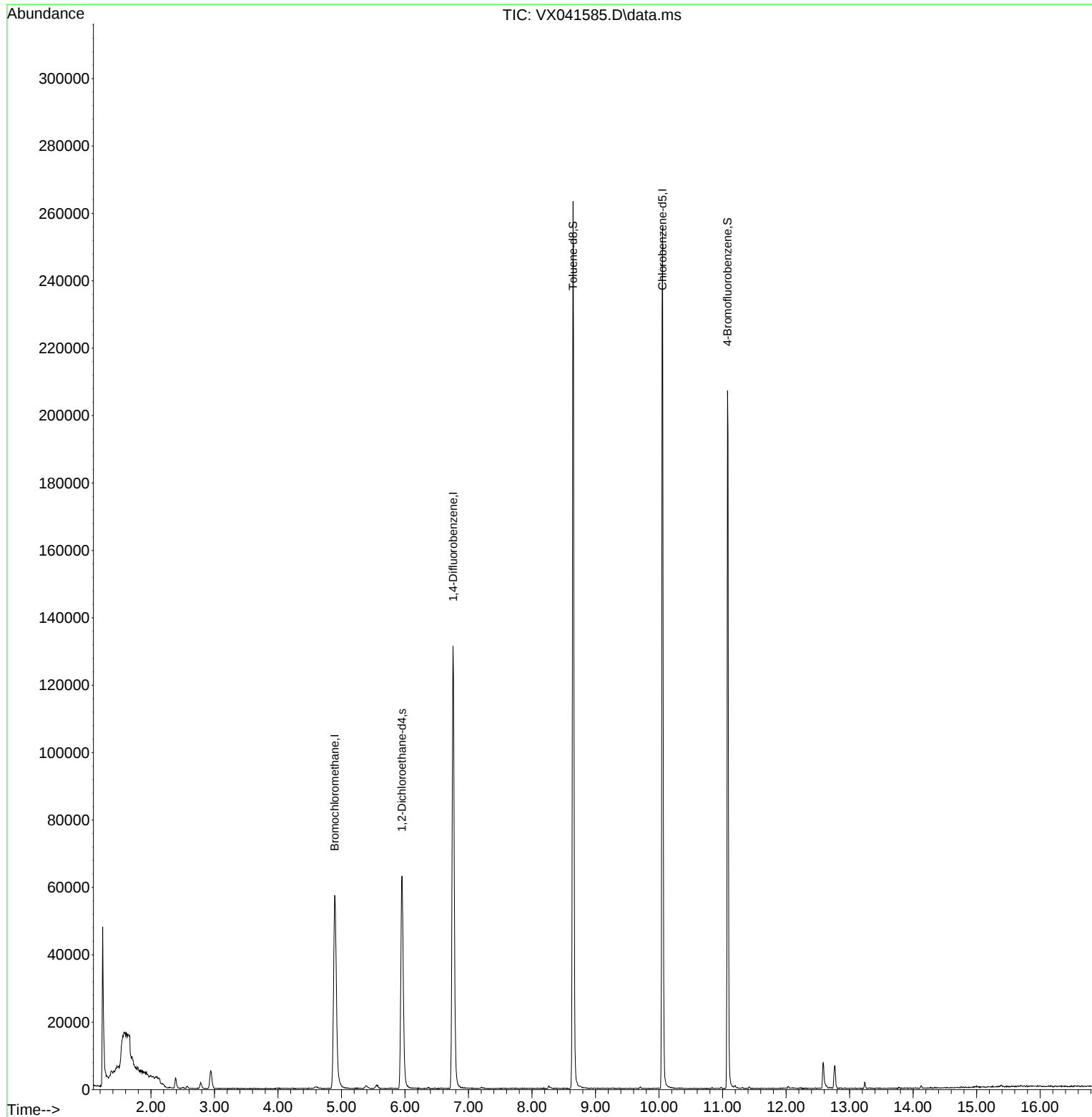
Target Compounds	Qvalue

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

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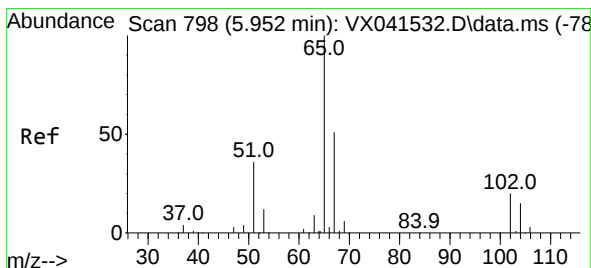
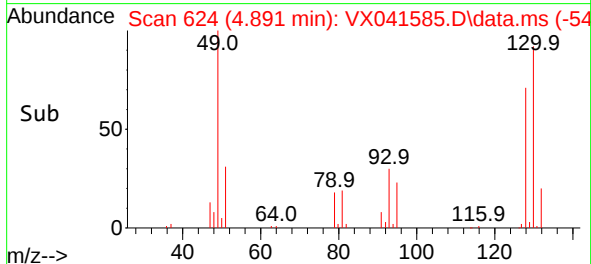
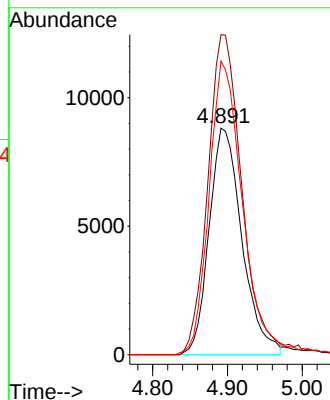
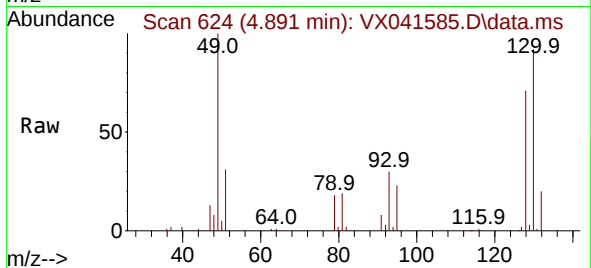




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

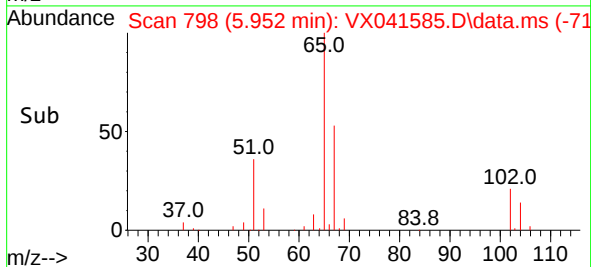
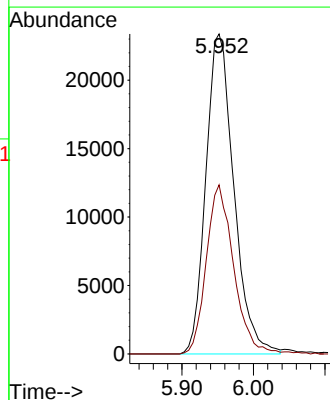
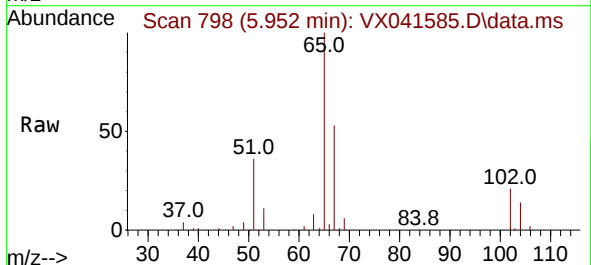
Instrument :
MSVOA_X
ClientSampleId :
IBLK

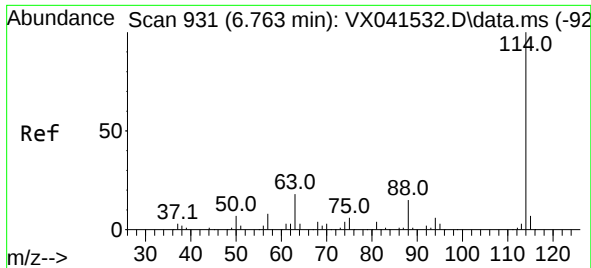
Tgt Ion:128 Resp: 26910
Ion Ratio Lower Upper
128 100
49 147.0 0.0 361.5
130 131.8 0.0 324.3



#27
1,2-Dichloroethane-d4
Concen: 30.022 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

Tgt Ion: 65 Resp: 63620
Ion Ratio Lower Upper
65 100
67 51.4 40.8 61.2

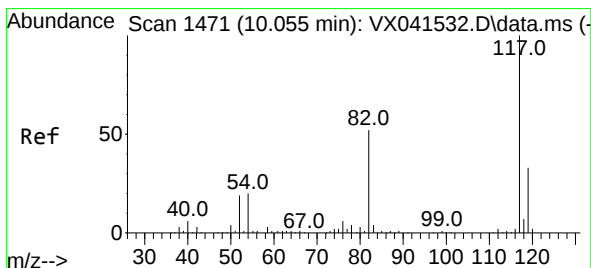
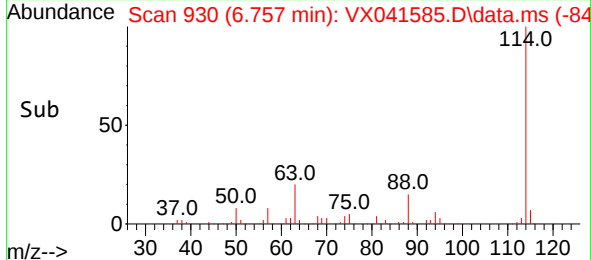
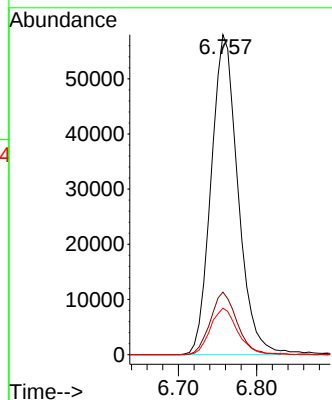
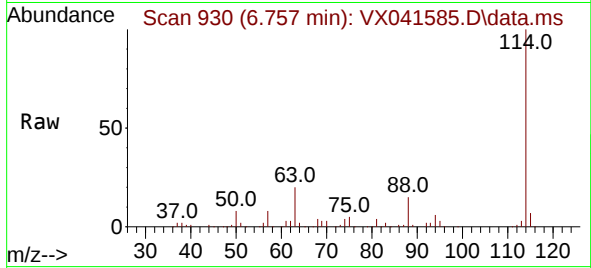




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

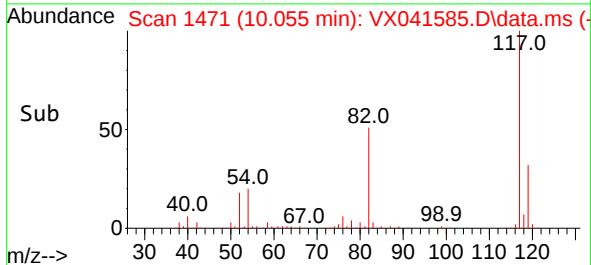
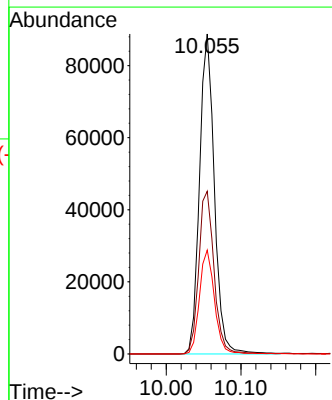
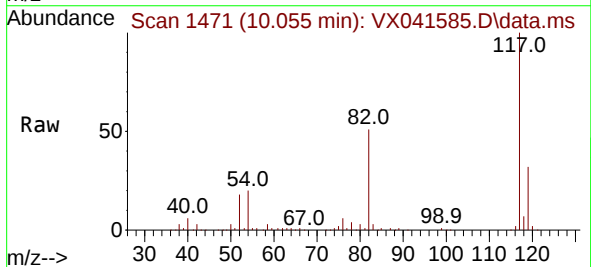
Instrument :
MSVOA_X
ClientSampleId :
IBLK

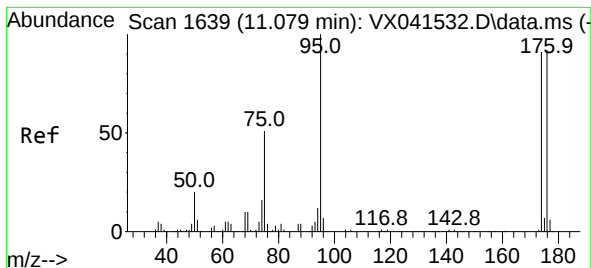
Tgt Ion:114 Resp: 137765
Ion Ratio Lower Upper
114 100
63 19.3 15.4 23.0
88 14.8 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

Tgt Ion:117 Resp: 122323
Ion Ratio Lower Upper
117 100
82 52.5 41.7 62.5
119 32.7 25.7 38.5

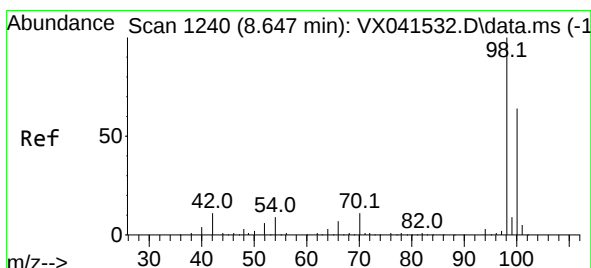
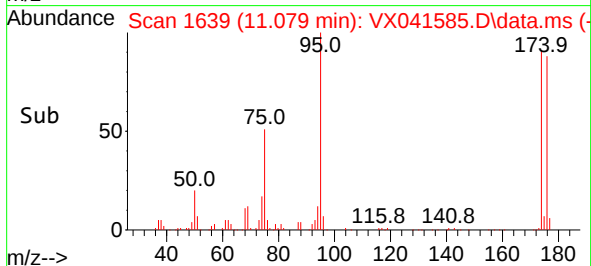
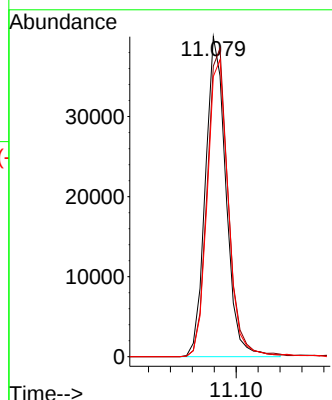
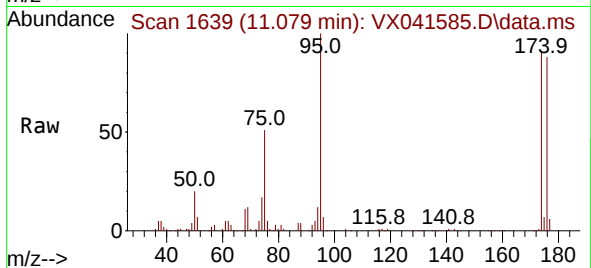




#60
4-Bromofluorobenzene
Concen: 27.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 51928
Ion Ratio Lower Upper
95 100
174 99.2 76.6 115.0
176 95.0 75.4 113.0



#63
Toluene-d8
Concen: 29.821 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041585.D
Acq: 21 May 2024 13:47

Tgt Ion: 98 Resp: 156367
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

