

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052323\
 Data File : VX035814.D
 Acq On : 23 May 2023 15:20
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 24 05:49:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	37337	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	224104	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	194111	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	94208	30.367	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.233%
60) 4-Bromofluorobenzene	11.079	95	91128	27.978	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.267%
63) Toluene-d8	8.647	98	262116	30.545	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.800%

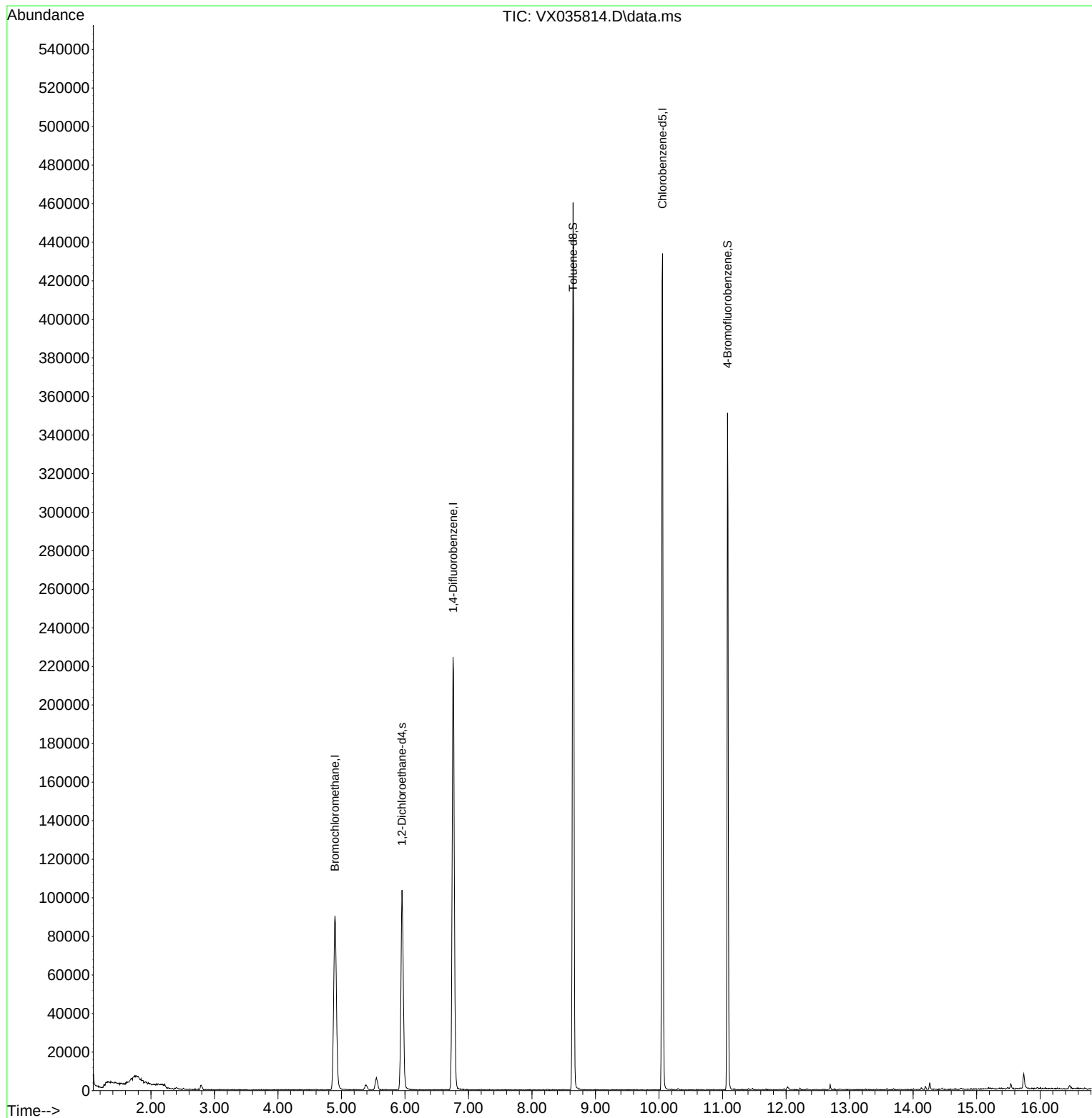
Target Compounds	Qvalue

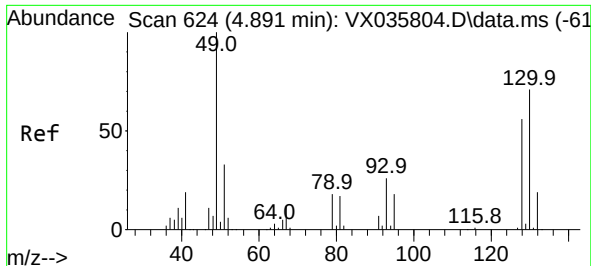
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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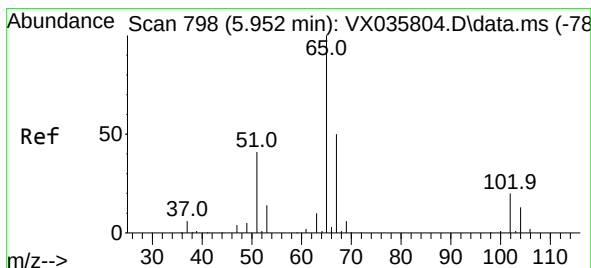
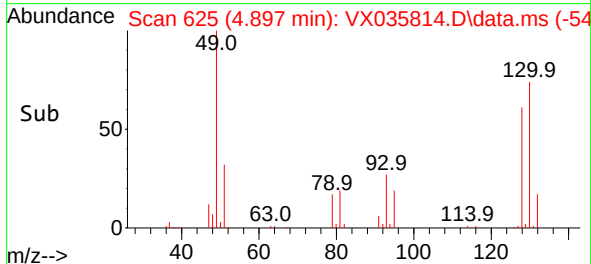
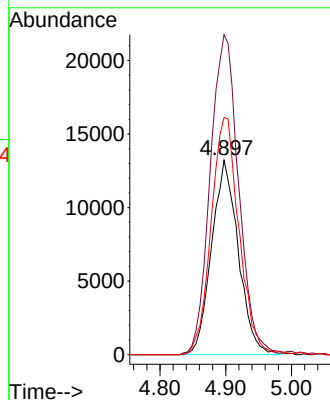
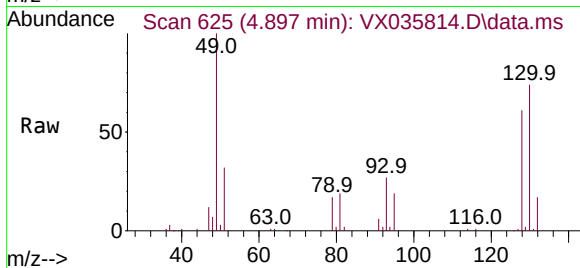




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035814.D
Acq: 23 May 2023 15:20

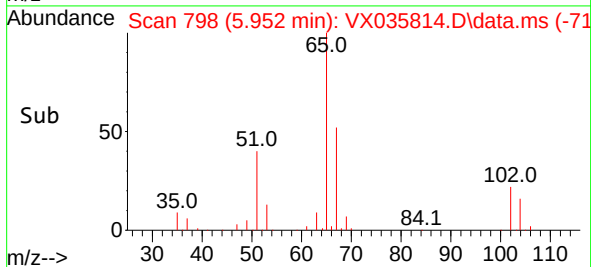
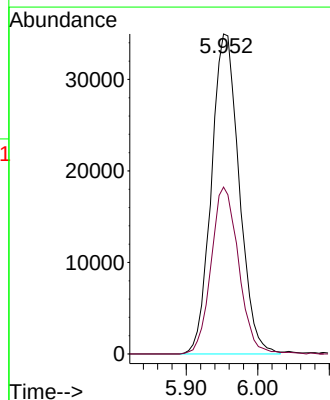
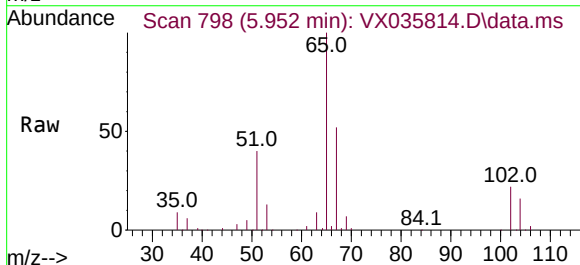
Instrument :
MSVOA_X
ClientSampleId :
IBLK

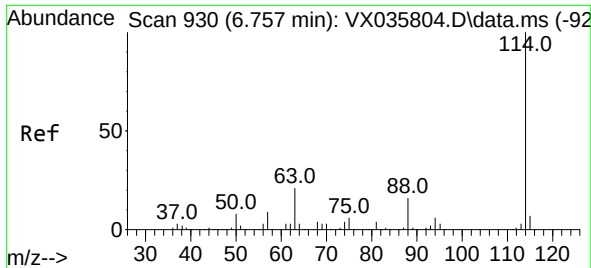
Tgt Ion:128 Resp: 37337
Ion Ratio Lower Upper
128 100
49 175.1 0.0 428.8
130 127.2 0.0 310.8



#27
1,2-Dichloroethane-d4
Concen: 30.367 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX035814.D
Acq: 23 May 2023 15:20

Tgt Ion: 65 Resp: 94208
Ion Ratio Lower Upper
65 100
67 51.5 40.9 61.3



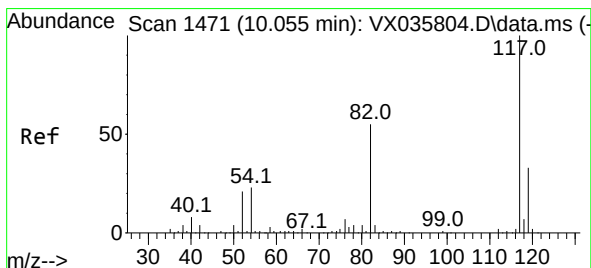
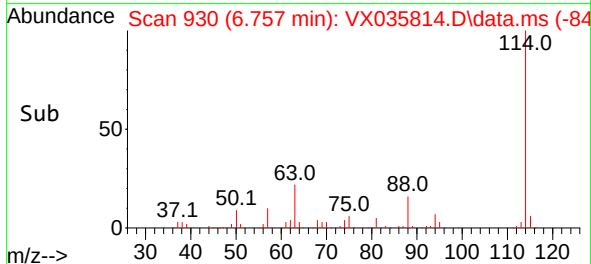
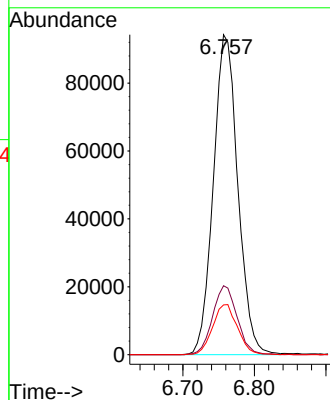
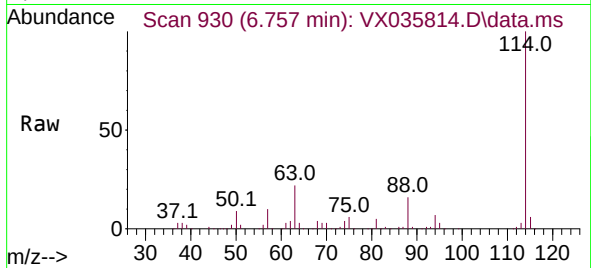


#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX035814.D
 Acq: 23 May 2023 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion:114 Resp: 224104

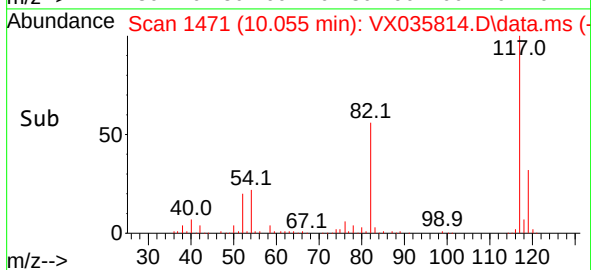
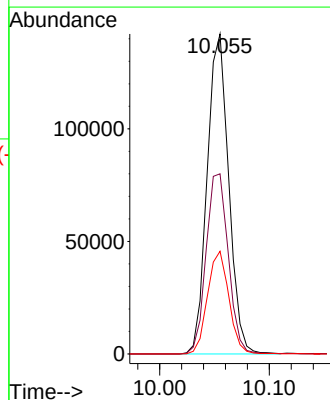
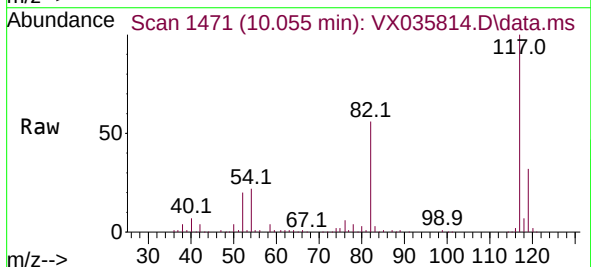
Ion	Ratio	Lower	Upper
114	100		
63	21.5	18.0	27.0
88	15.9	13.3	19.9

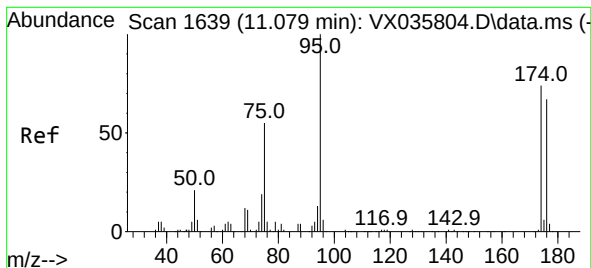


#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.055 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VX035814.D
 Acq: 23 May 2023 15:20

Tgt Ion:117 Resp: 194111

Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.8	68.8
119	31.9	25.4	38.0

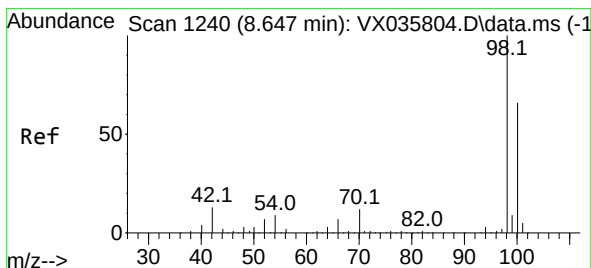
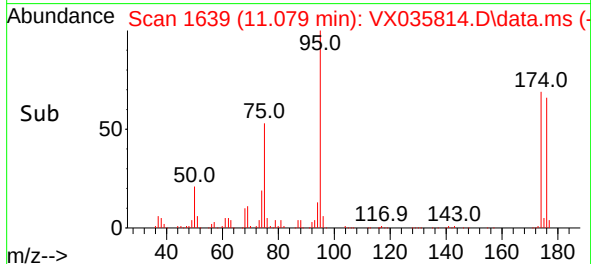
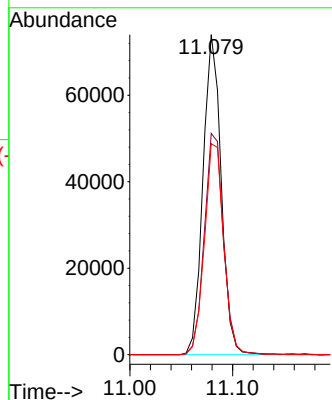
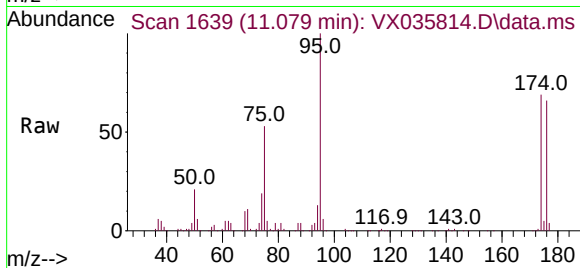




#60
4-Bromofluorobenzene
Concen: 27.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035814.D
Acq: 23 May 2023 15:20

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 91128
Ion Ratio Lower Upper
95 100
174 72.5 0.2 0.4#
176 70.1 0.2 0.2#



#63
Toluene-d8
Concen: 30.545 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035814.D
Acq: 23 May 2023 15:20

Tgt Ion: 98 Resp: 262116
Ion Ratio Lower Upper
98 100
100 65.6 52.1 78.1

