

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092723\
 Data File : VX037935.D
 Acq On : 27 Sep 2023 20:22
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 28 06:11:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X092723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 28 06:08:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	47080	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	261024	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	244075	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	100771	29.693	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.967%
60) 4-Bromofluorobenzene	11.079	95	111123	27.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.100%
63) Toluene-d8	8.647	98	317792	30.162	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.533%

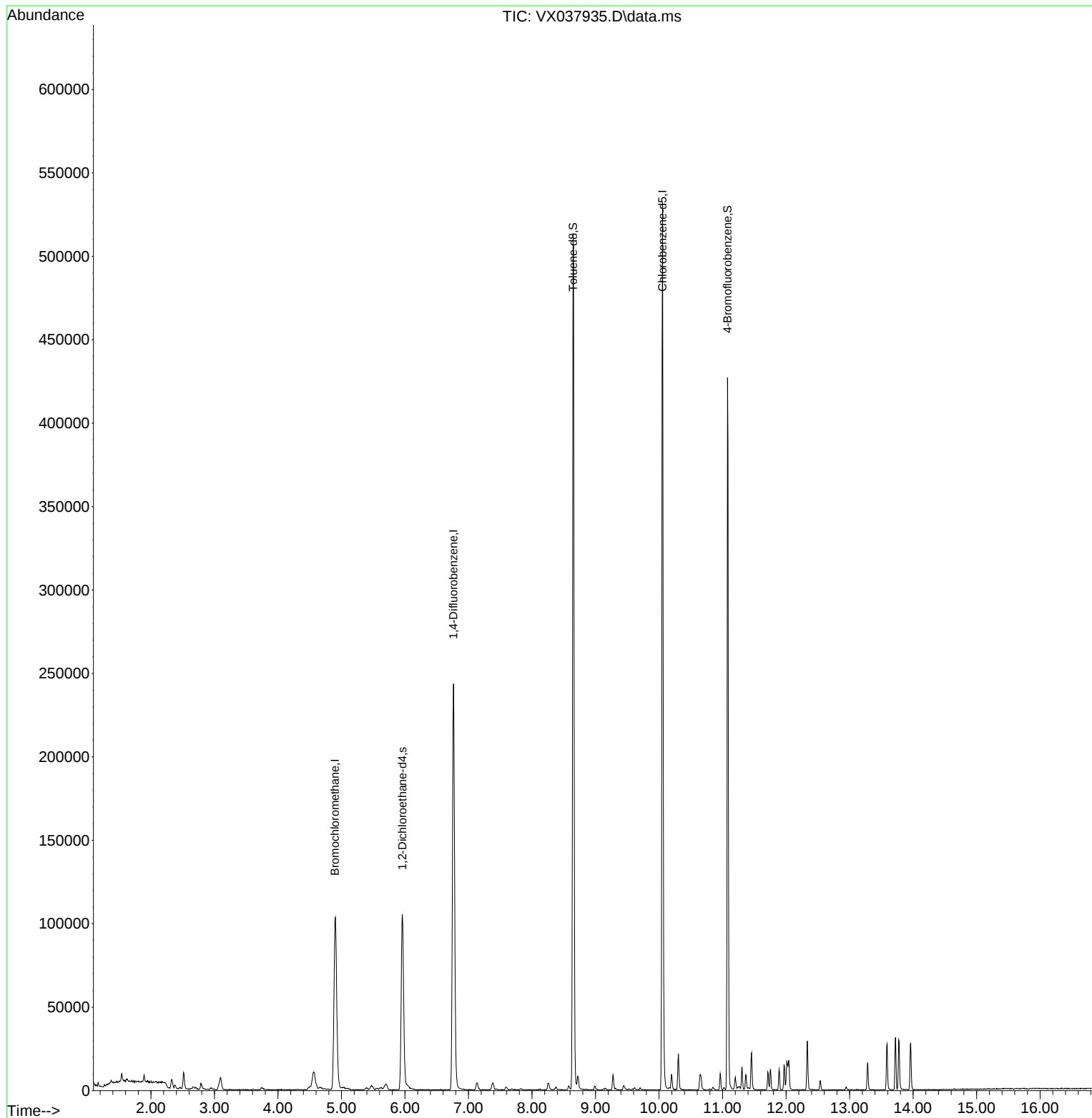
Target Compounds	Qvalue

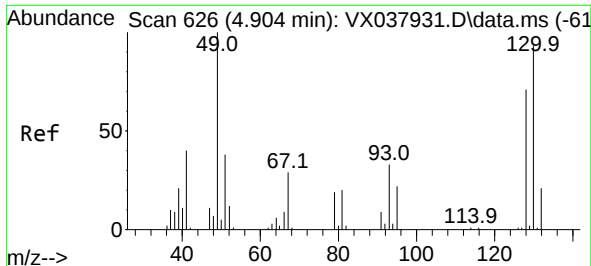
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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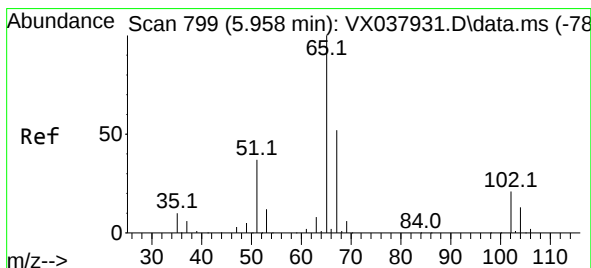
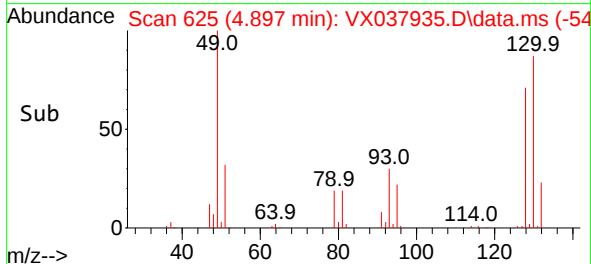
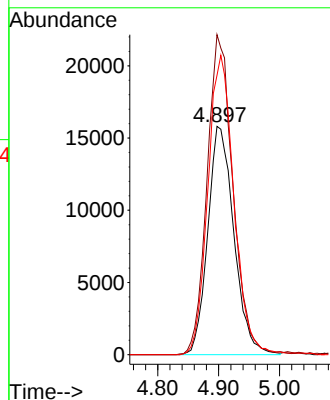
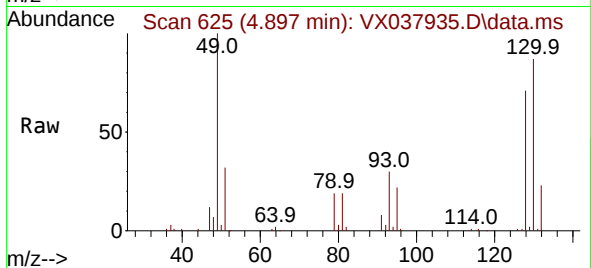




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX037935.D
Acq: 27 Sep 2023 20:22

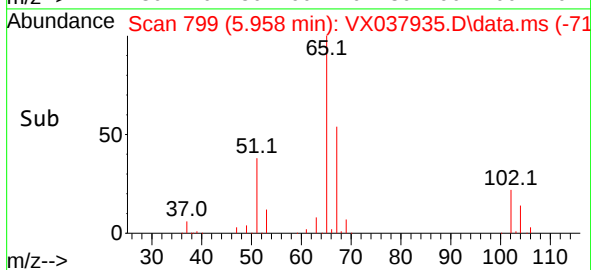
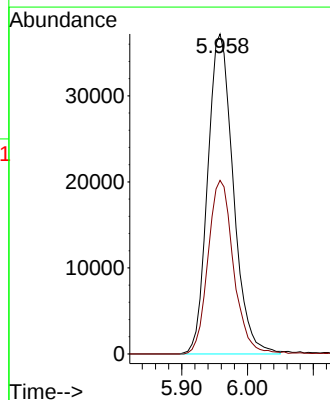
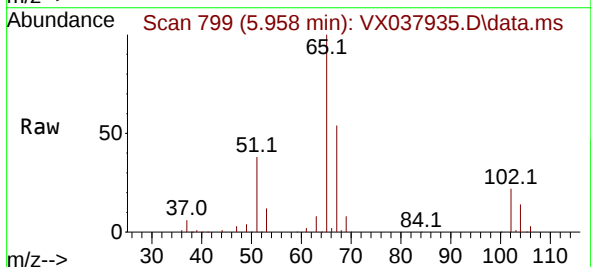
Instrument :
MSVOA_X
ClientSampleId :
IBLK

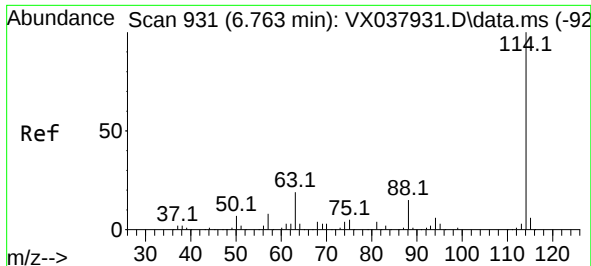
Tgt Ion:128 Resp: 47080
Ion Ratio Lower Upper
128 100
49 138.7 0.0 406.3
130 131.1 0.0 328.0



#27
1,2-Dichloroethane-d4
Concen: 29.693 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037935.D
Acq: 27 Sep 2023 20:22

Tgt Ion: 65 Resp: 100771
Ion Ratio Lower Upper
65 100
67 53.9 42.1 63.1

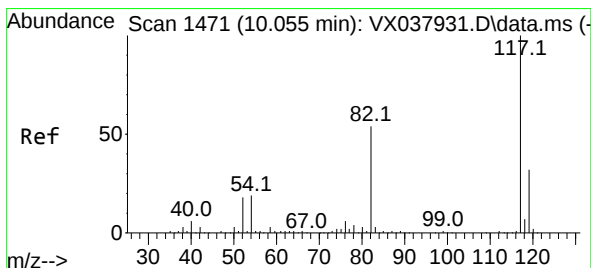
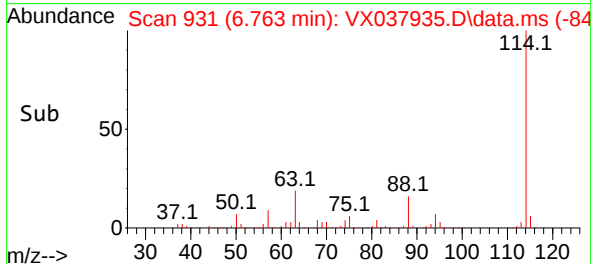
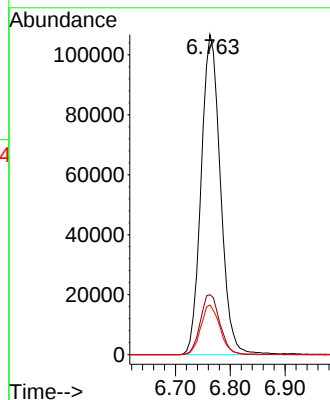
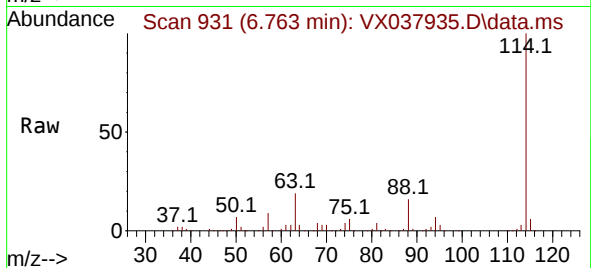




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037935.D
Acq: 27 Sep 2023 20:22

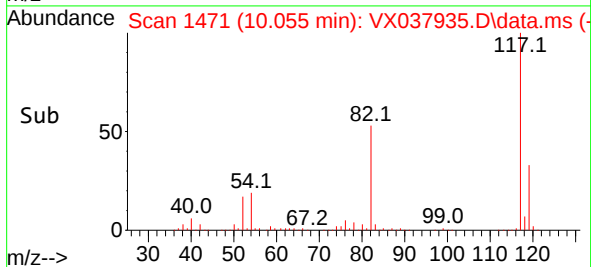
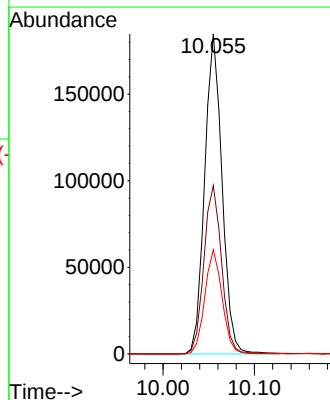
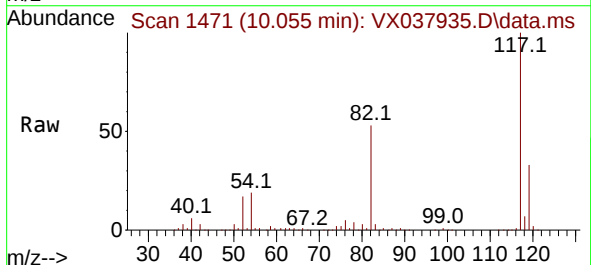
Instrument :
MSVOA_X
ClientSampleId :
IBLK

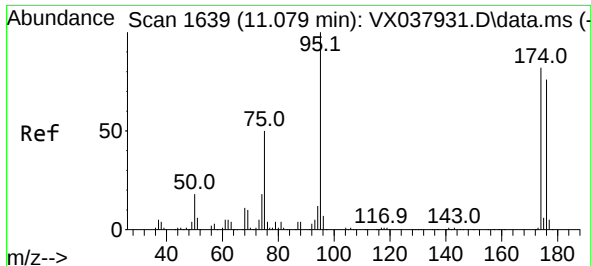
Tgt Ion:	114	Resp:	261024
Ion	Ratio	Lower	Upper
114	100		
63	18.9	16.6	24.8
88	15.4	12.9	19.3



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037935.D
Acq: 27 Sep 2023 20:22

Tgt Ion:	117	Resp:	244075
Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.7	67.1
119	32.4	25.6	38.4





#60

4-Bromofluorobenzene

Concen: 27.928 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037935.D

Acq: 27 Sep 2023 20:22

Instrument :

MSVOA_X

ClientSampleId :

IBLK

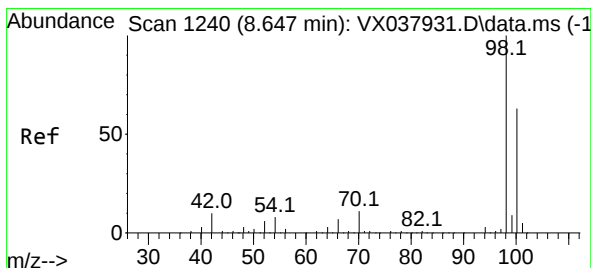
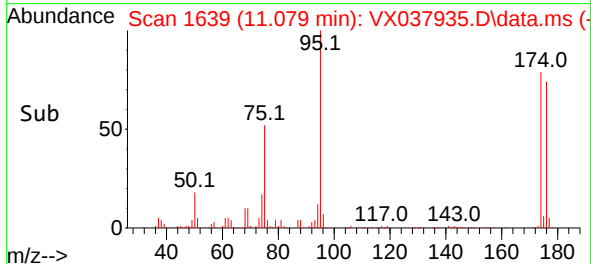
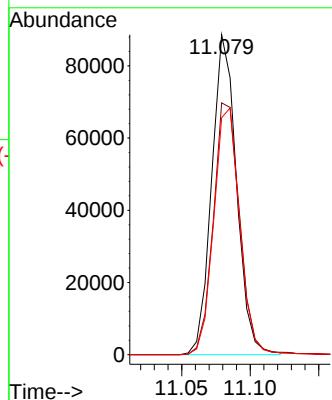
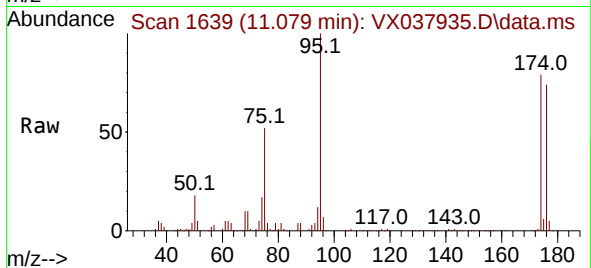
Tgt Ion: 95 Resp: 111123

Ion Ratio Lower Upper

95 100

174 84.2 60.5 90.7

176 81.3 58.2 87.4



#63

Toluene-d8

Concen: 30.162 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037935.D

Acq: 27 Sep 2023 20:22

Tgt Ion: 98 Resp: 317792

Ion Ratio Lower Upper

98 100

100 63.8 51.6 77.4

