

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
 Data File : VX037945.D
 Acq On : 28 Sep 2023 12:37
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 29 04:24:58 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023

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

Internal Standards						
1) Bromochloromethane	5.513	128	0m	30.000	ug/l	0.61
28) 1,4-Difluorobenzene	6.763	114	372260	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	356397	30.000	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	5.958	65	130794m	0.000	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	0.000%#
60) 4-Bromofluorobenzene	11.079	95	166012	28.574	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.233%
63) Toluene-d8	8.646	98	448906	29.178	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.267%

Target Compounds	Qvalue

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

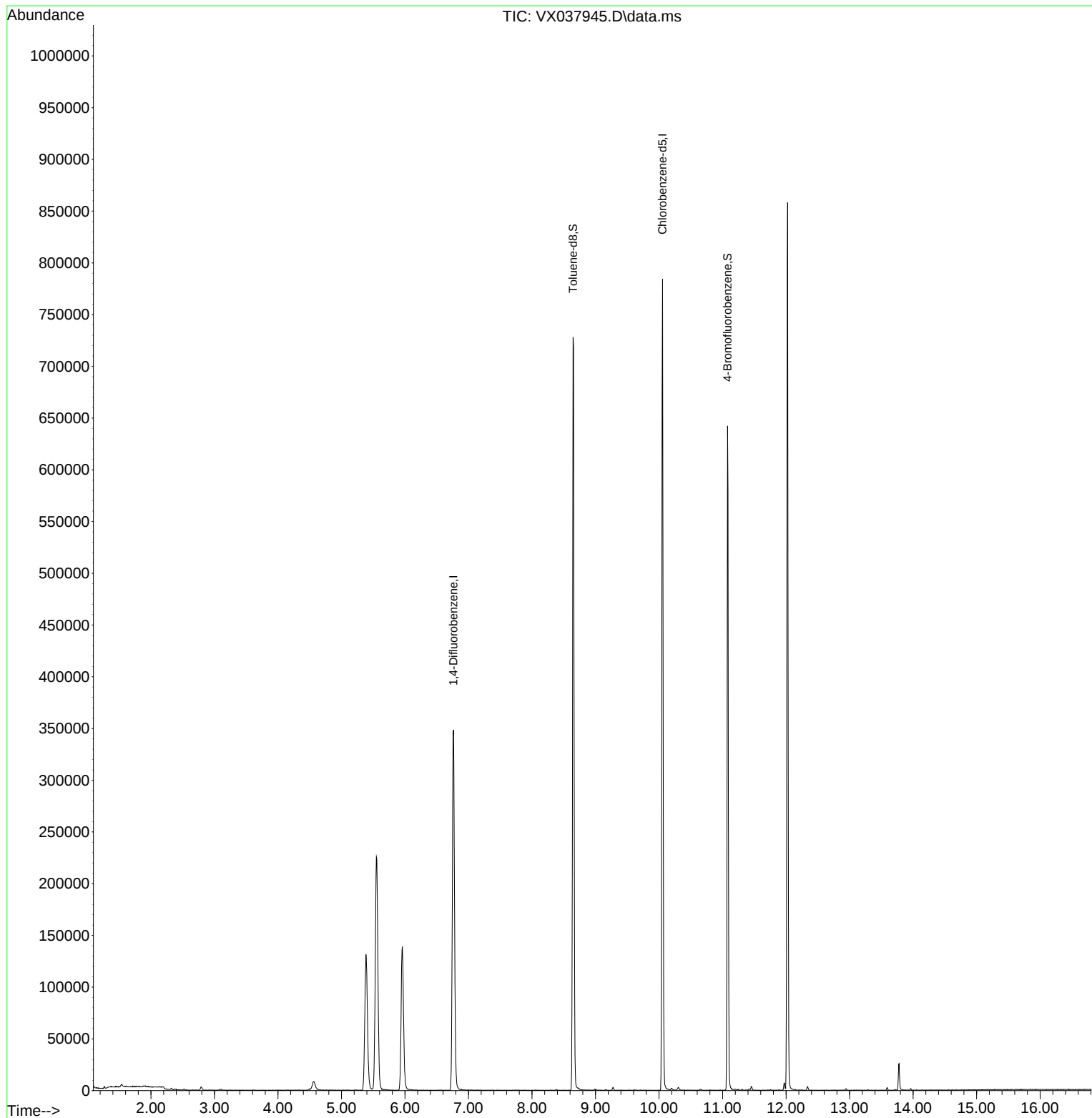
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092823\
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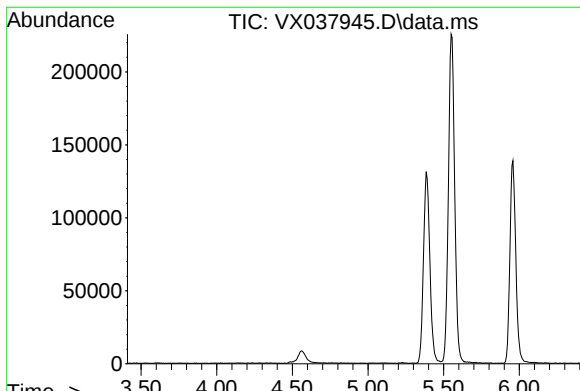
Instrument :
MSVOA_X
ClientSampleId :
IBLK

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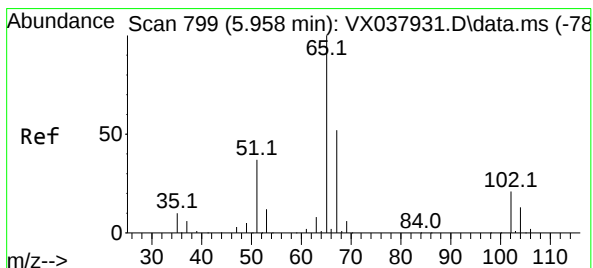
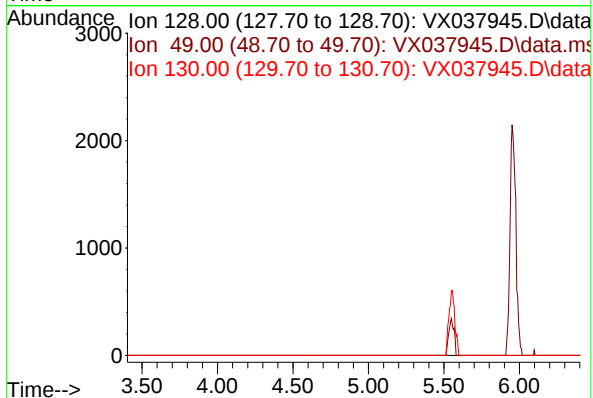
#1
 Bromochloromethane
 Concen: 0.000 ug/l
 Expected RT: 4.90 min
 Lab File: VX037945.D
 Acq: 28 Sep 2023 12:37

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tgt Ion: 128
 Sig Exp Ratio
 128 100
 49 162.5
 130 131.2

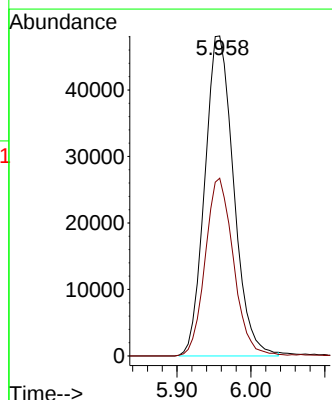
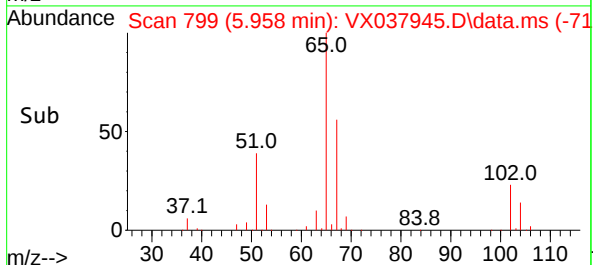
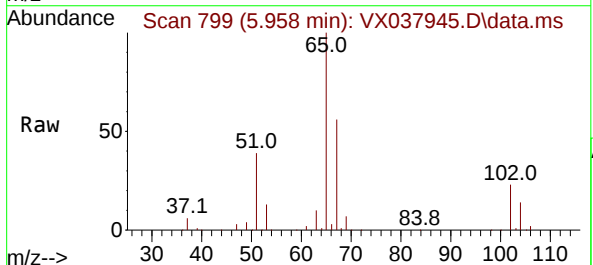
Manual Integrations
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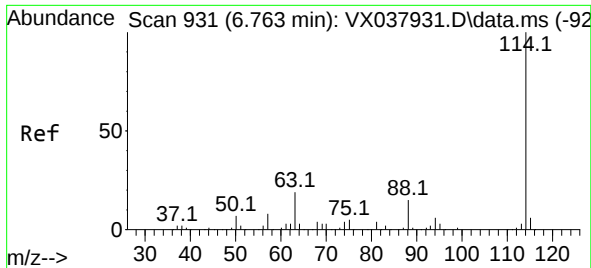
Reviewed By :John Carlone 09/29/2023
 Supervised By :Semsettin Yesilyurt 09/29/2023



#27
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l m
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037945.D
 Acq: 28 Sep 2023 12:37

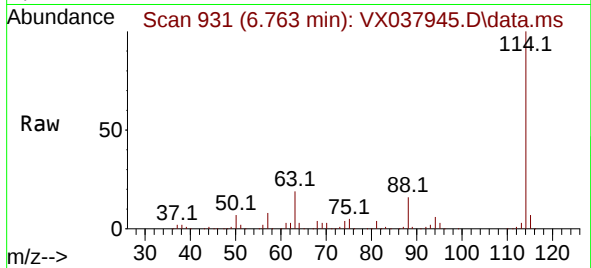
Tgt Ion: 65 Resp: 130794
 Ion Ratio Lower Upper
 65 100
 67 54.3 42.1 63.1





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037945.D
Acq: 28 Sep 2023 12:37

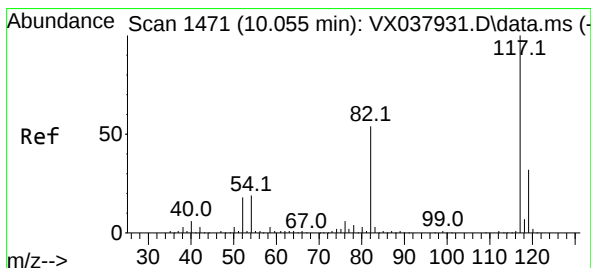
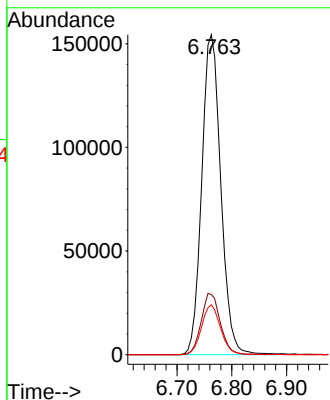
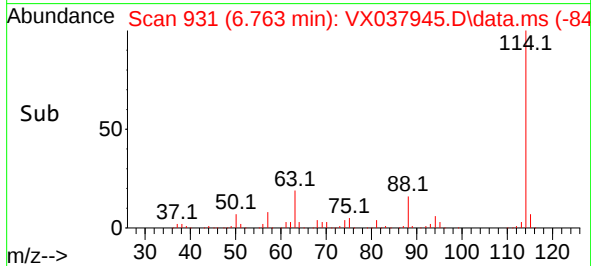
Instrument :
MSVOA_X
ClientSampleId :
IBLK



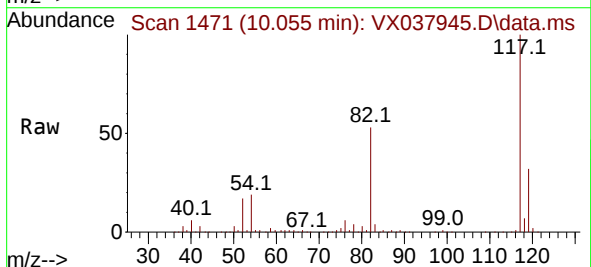
Tgt Ion:114 Resp: 372260
Ion Ratio Lower Upper
114 100
63 19.1 16.6 24.8
88 15.5 12.9 19.3

Manual Integrations
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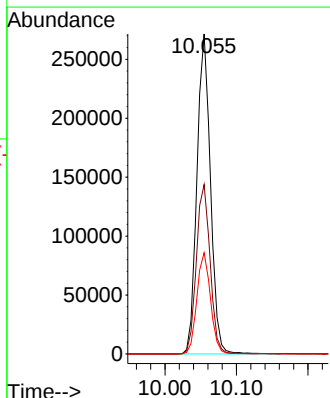
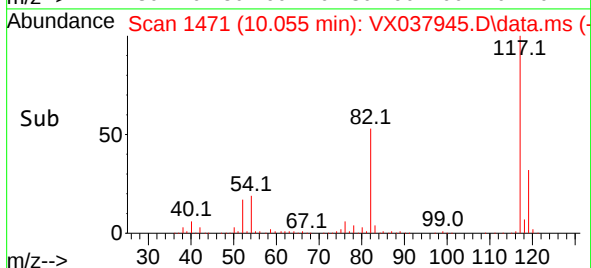
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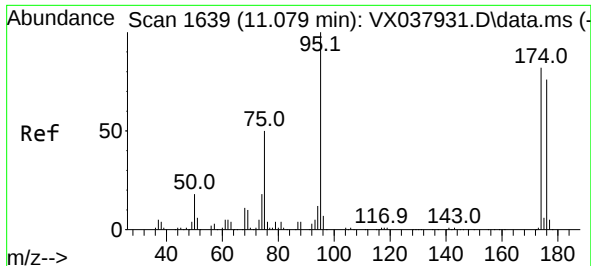


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037945.D
Acq: 28 Sep 2023 12:37



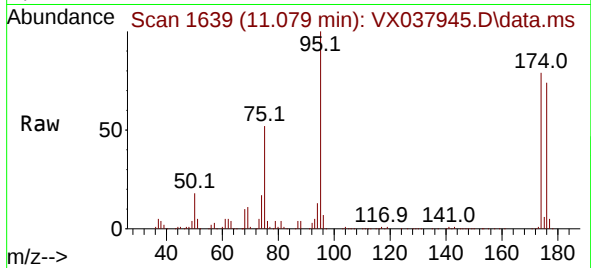
Tgt Ion:117 Resp: 356397
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 31.9 25.6 38.4





#60
4-Bromofluorobenzene
Concen: 28.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037945.D
Acq: 28 Sep 2023 12:37

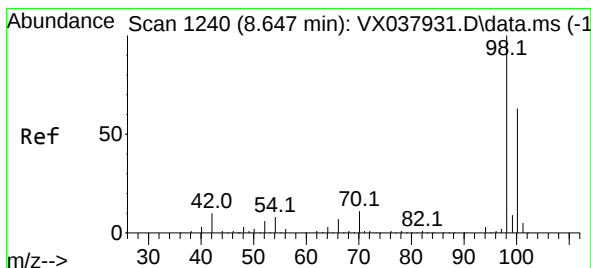
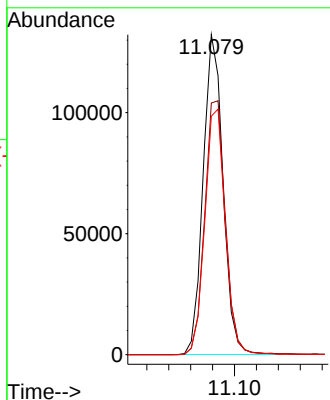
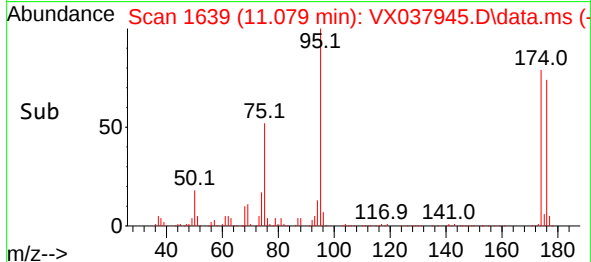
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ClientSampleId :
IBLK



Tgt Ion: 95 Resp: 166012
Ion Ratio Lower Upper
95 100
174 83.5 60.5 90.7
176 79.5 58.2 87.4

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#63
Toluene-d8
Concen: 29.178 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037945.D
Acq: 28 Sep 2023 12:37

Tgt Ion: 98 Resp: 448906
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4

