

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120823\
 Data File : VX039101.D
 Acq On : 08 Dec 2023 13:14
 Operator : JC/MD
 Sample : 05717-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-058-IDWGW-20231207

Quant Time: Dec 08 23:47:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:22:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/11/2023
 Supervised By :Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Bromochloromethane	4.898	128	12268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	100119	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	125454	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	52007	30.987	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.300%
60) 4-Bromofluorobenzene	11.079	95	80709	29.454	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.167%
63) Toluene-d8	8.647	98	146124	29.460	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.200%
Target Compounds						
15) Acetone	2.380	58	961	2.077	ug/l	# 57
25) Chloroform	5.087	83	2864m	0.814	ug/l	

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

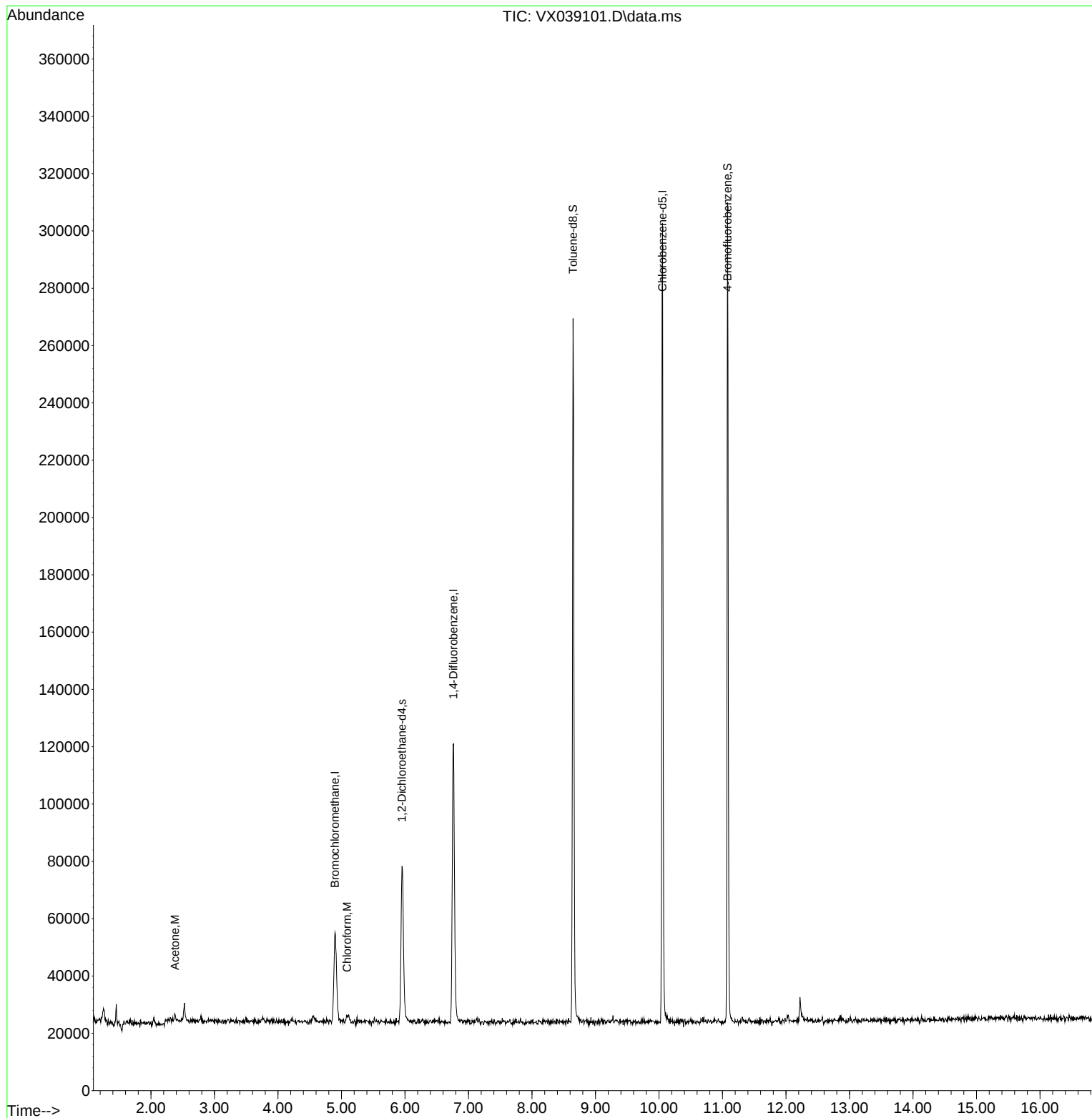
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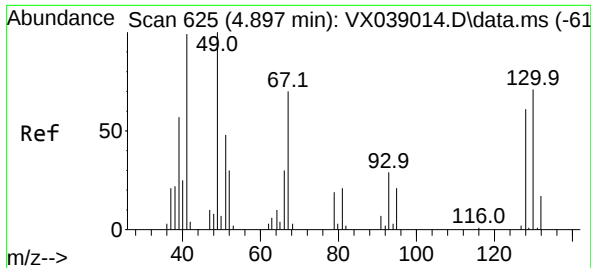
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ClientSampleId :
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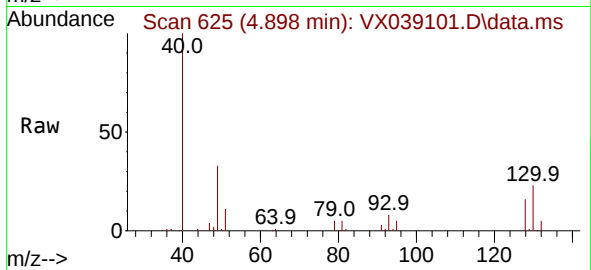
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

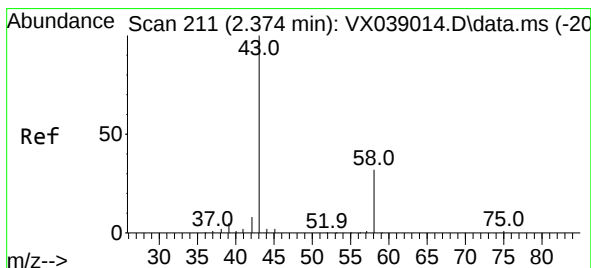
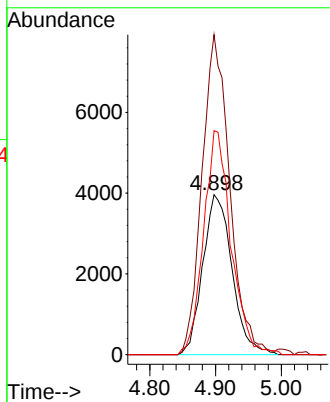
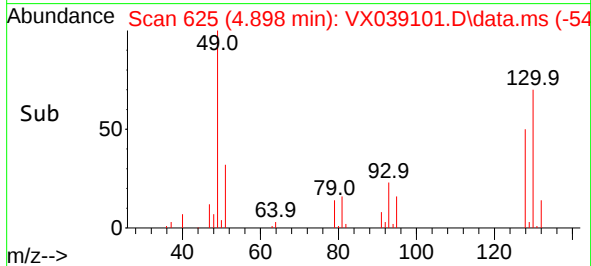
Instrument :
MSVOA_X
ClientSampleId :
TT-058-IDWGW-20231207



Tgt Ion:128 Resp: 1226
Ion Ratio Lower Upper
128 100
49 187.9 0.0 444.0
130 131.9 0.0 297.8

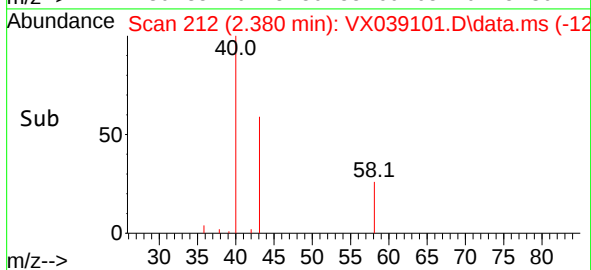
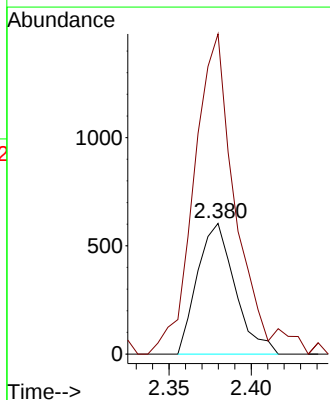
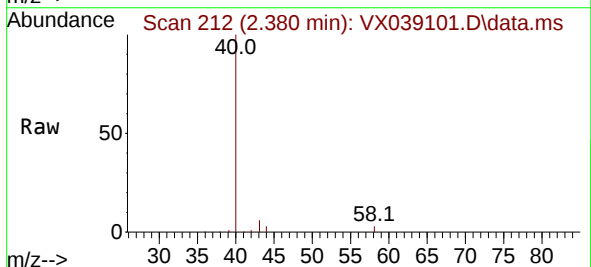
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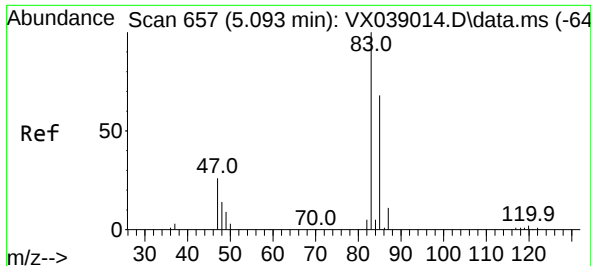
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#15
Acetone
Concen: 2.077 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

Tgt Ion: 58 Resp: 961
Ion Ratio Lower Upper
58 100
43 225.5 249.9 374.9#





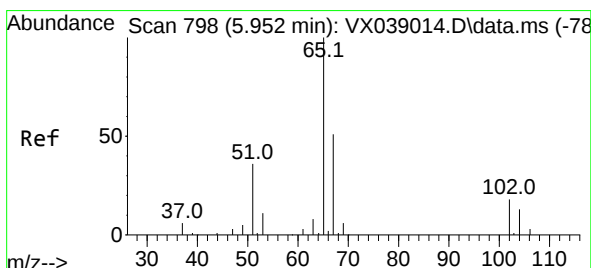
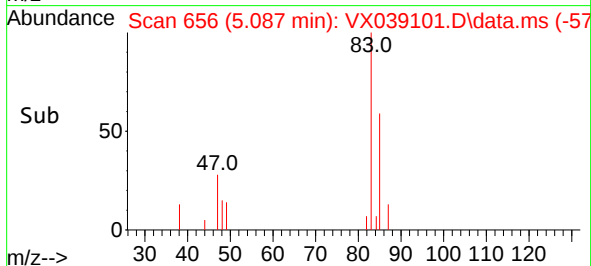
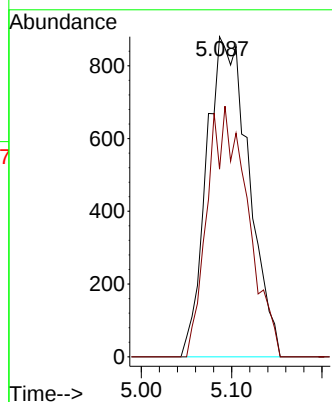
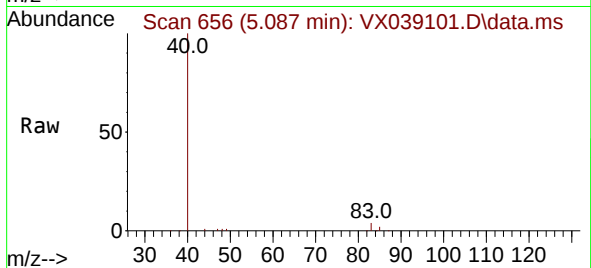
#25
Chloroform
Concen: 0.814 ug/l m
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

Instrument :
MSVOA_X
ClientSampleId :
TT-058-IDWGW-20231207

Tgt Ion: 83 Resp: 2864
Ion Ratio Lower Upper
83 100
85 58.6 54.6 81.8

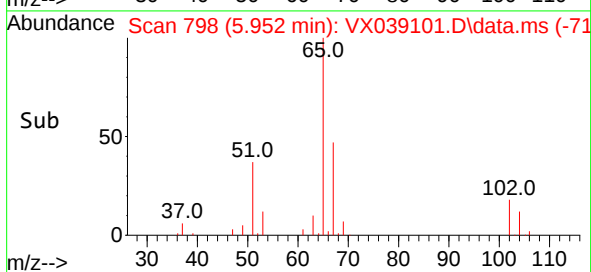
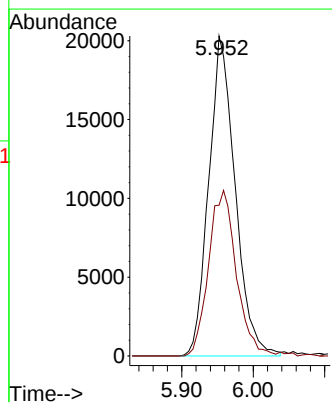
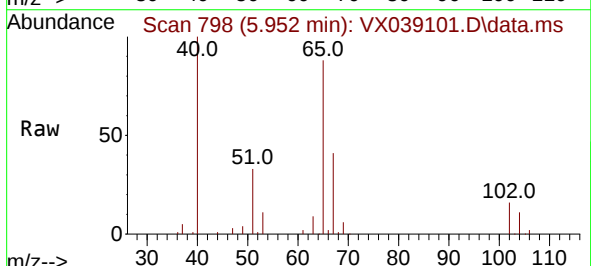
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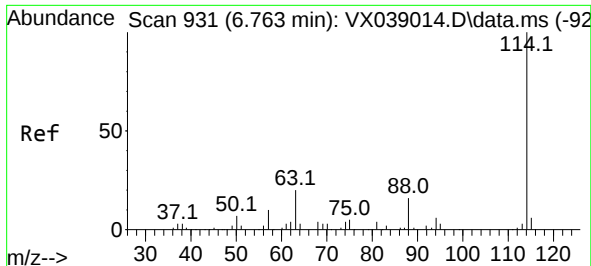
Reviewed By :Semsettin Yesilyurt 12/11/2023
Supervised By :Mahesh Dadoda 12/11/2023



#27
1,2-Dichloroethane-d4
Concen: 30.987 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

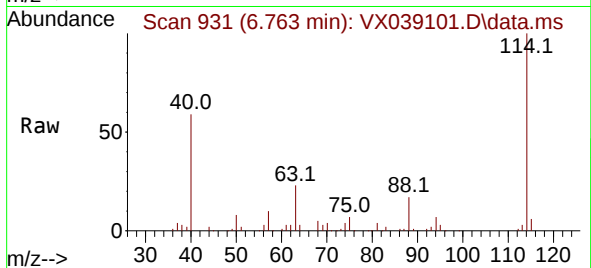
Tgt Ion: 65 Resp: 52007
Ion Ratio Lower Upper
65 100
67 54.4 42.5 63.7





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

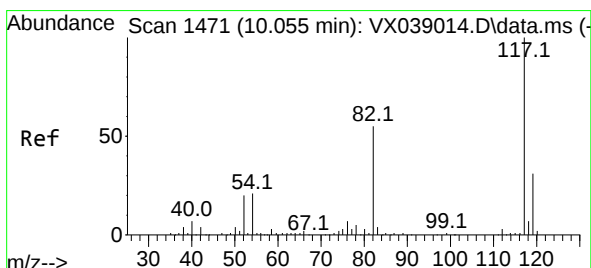
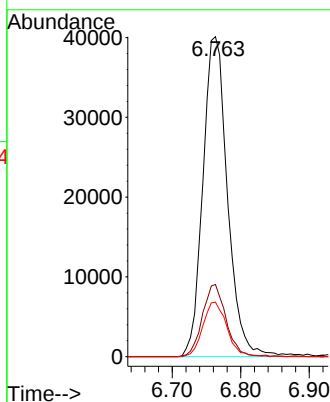
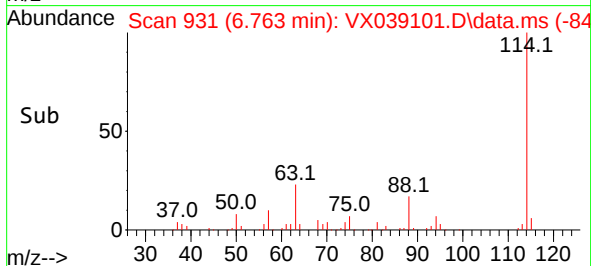
Instrument :
MSVOA_X
ClientSampleId :
TT-058-IDWGW-20231207



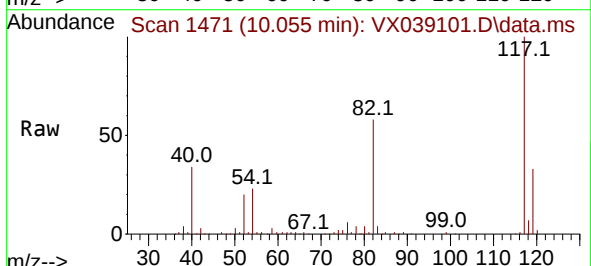
Tgt Ion:114 Resp: 100119
Ion Ratio Lower Upper
114 100
63 21.6 17.0 25.4
88 16.6 12.7 19.1

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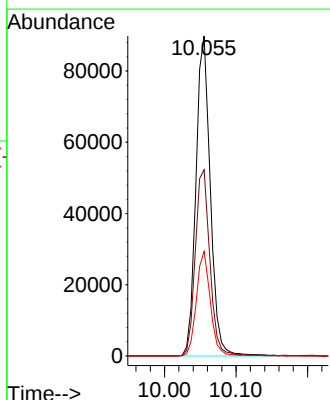
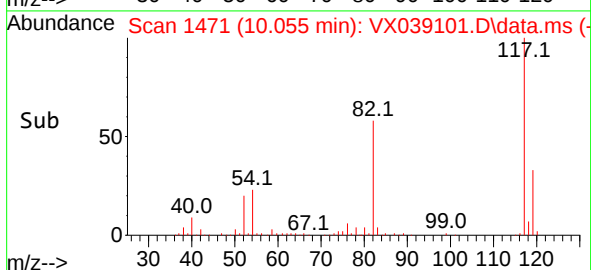
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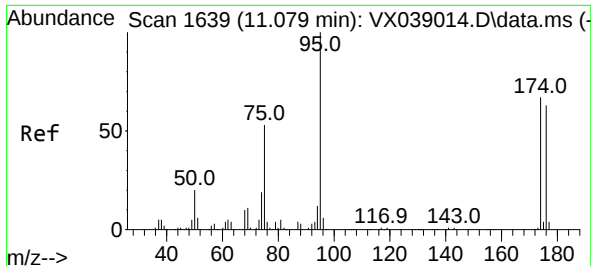


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14



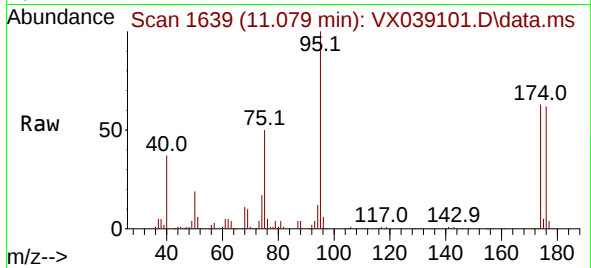
Tgt Ion:117 Resp: 125454
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.6
119 31.6 25.2 37.8





#60
4-Bromofluorobenzene
Concen: 29.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

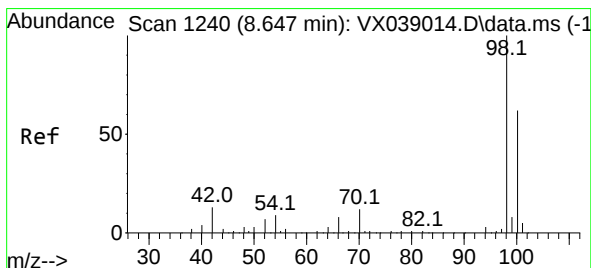
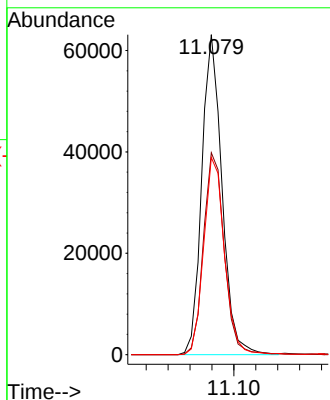
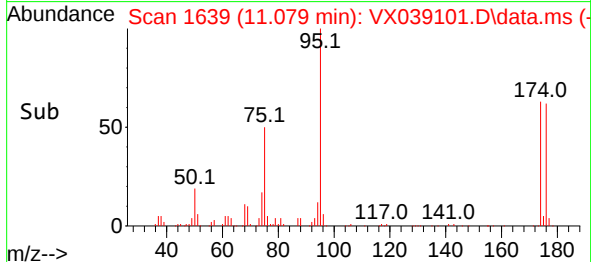
Instrument : MSVOA_X
ClientSampleId : TT-058-IDWGW-20231207



Tgt Ion: 95 Resp: 80709
Ion Ratio Lower Upper
95 100
174 65.0 55.4 83.2
176 63.3 52.6 78.8

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#63
Toluene-d8
Concen: 29.460 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039101.D
Acq: 08 Dec 2023 13:14

Tgt Ion: 98 Resp: 146124
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.4

