

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029976.D
 Acq On : 08 Jul 2022 16:28
 Operator : JC/MD
 Sample : N3621-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20220706

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 02:19:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	30886	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	169249	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147136	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	71430	28.362	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.533%		
60) 4-Bromofluorobenzene	11.085	95	75100	27.084	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.267%		
63) Toluene-d8	8.653	98	239323	29.996	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.000%		
Target Compounds						Qvalue
15) Acetone	2.392	58	3201	7.730	ug/l	99
23) tert-Butyl Alcohol	2.983	59	4582m	6.561	ug/l	
30) 2-Butanone	4.574	43	3645m	1.865	ug/l	

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

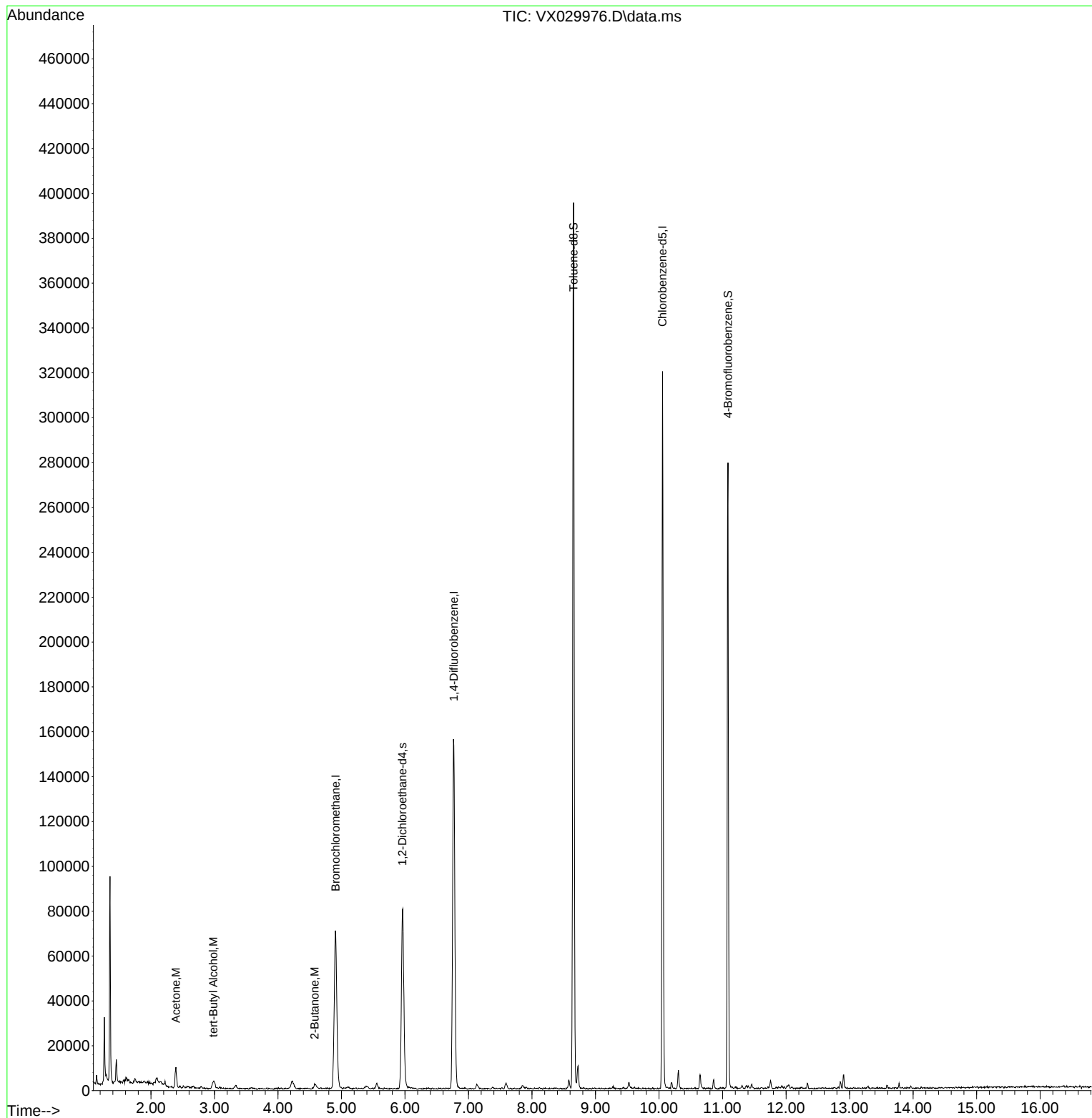
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
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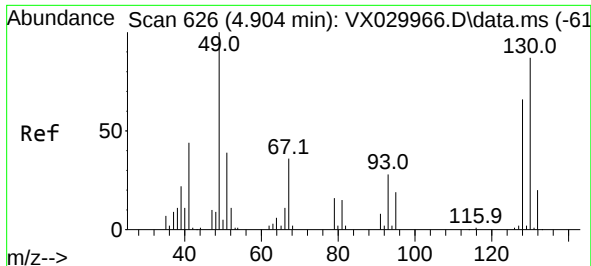
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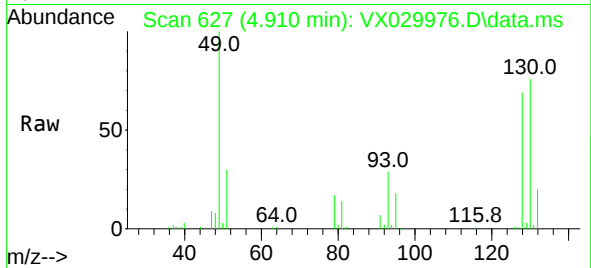
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

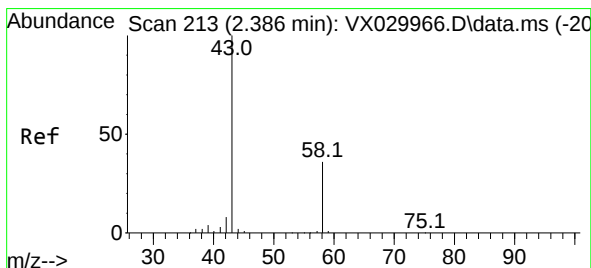
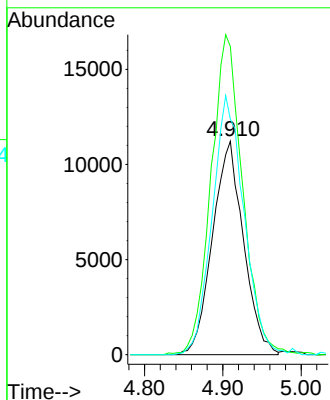
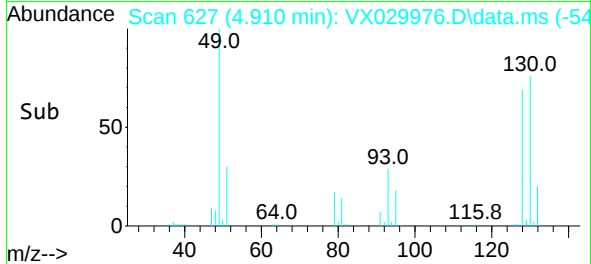
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20220706



Tgt Ion:128 Resp: 3088
Ion Ratio Lower Upper
128 100
49 152.7 0.0 358.3
130 124.5 0.0 319.3

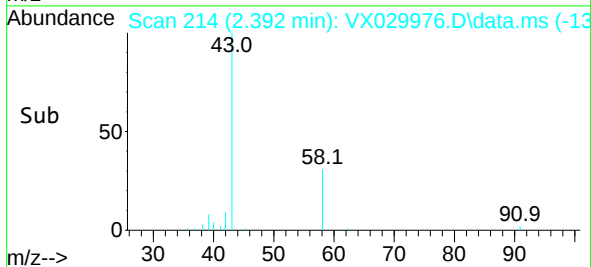
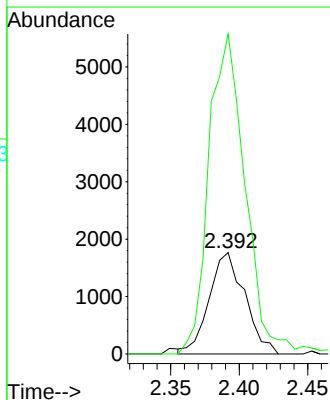
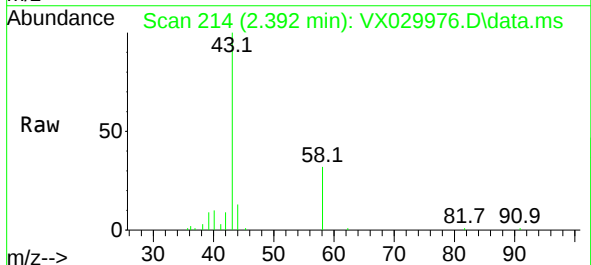
Manual Integrations
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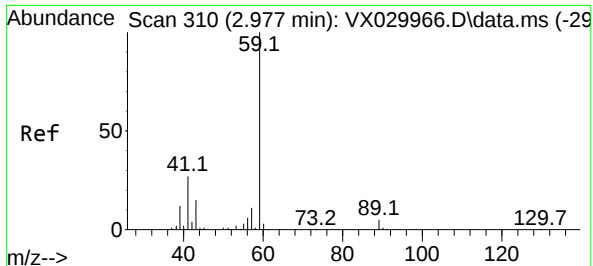
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#15
Acetone
Concen: 7.730 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

Tgt Ion: 58 Resp: 3201
Ion Ratio Lower Upper
58 100
43 315.5 250.2 375.2





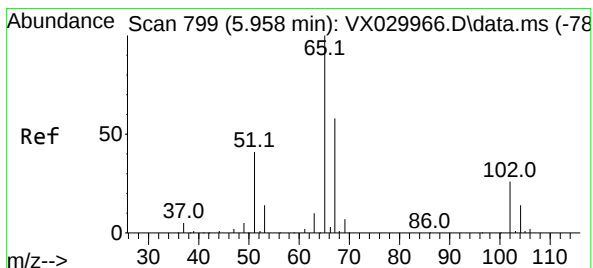
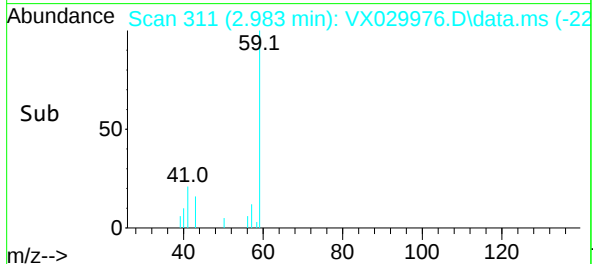
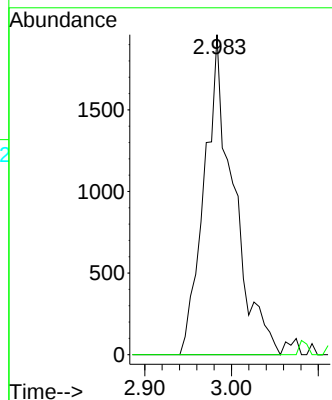
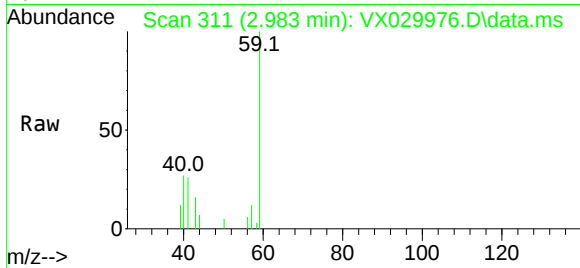
#23
tert-Butyl Alcohol
Concen: 6.561 ug/l m
RT: 2.983 min Scan# 310
Delta R.T. 0.006 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 59 Resp: 4582
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

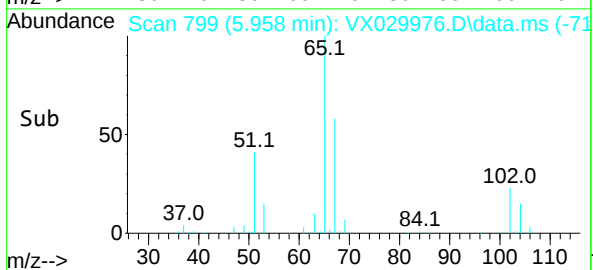
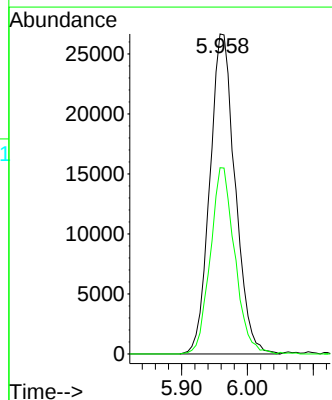
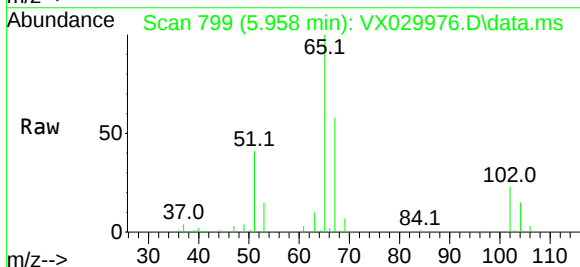
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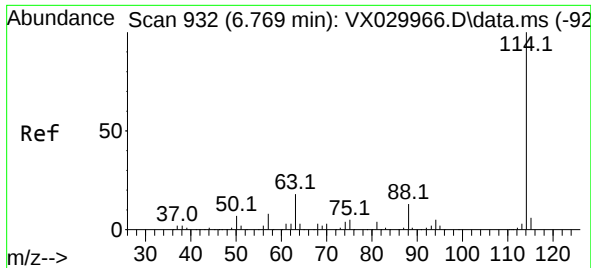
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#27
1,2-Dichloroethane-d4
Concen: 28.362 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

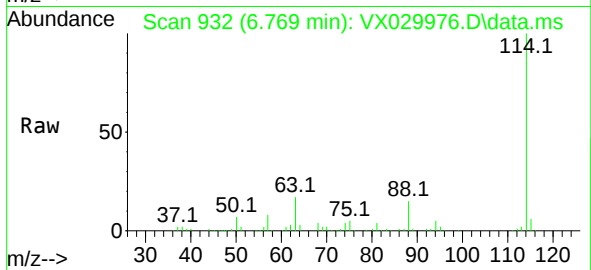
Tgt Ion: 65 Resp: 71430
Ion Ratio Lower Upper
65 100
67 56.3 42.3 63.5





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

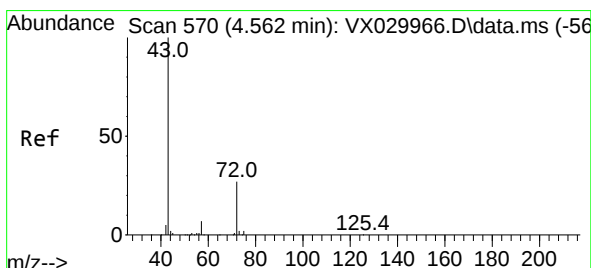
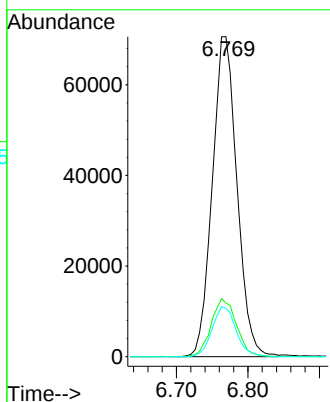
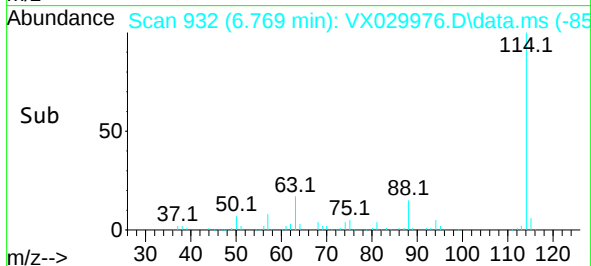
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20220706



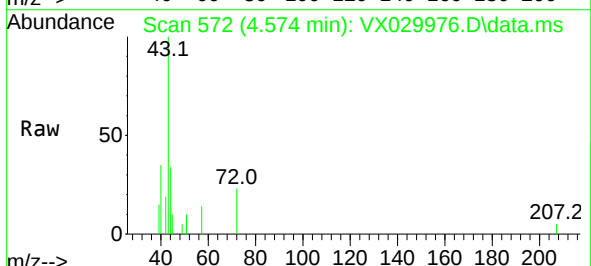
Tgt Ion:114 Resp: 169249
Ion Ratio Lower Upper
114 100
63 18.5 15.3 22.9
88 15.2 12.2 18.4

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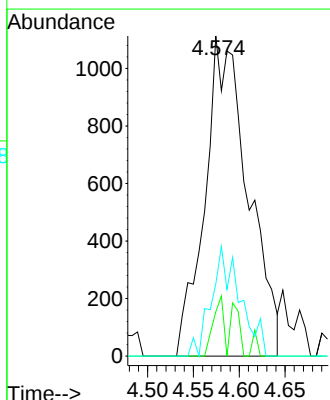
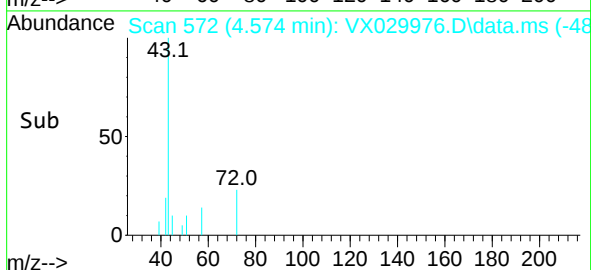
Reviewed By :John Carlone 07/11/2022
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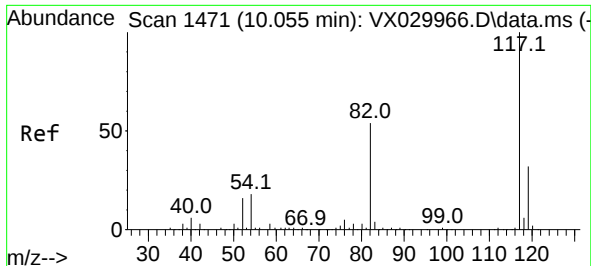


#30
2-Butanone
Concen: 1.865 ug/l m
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28



Tgt Ion: 43 Resp: 3645
Ion Ratio Lower Upper
43 100
57 0.0 6.6 10.0#
72 0.6 22.1 33.1#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029976.D

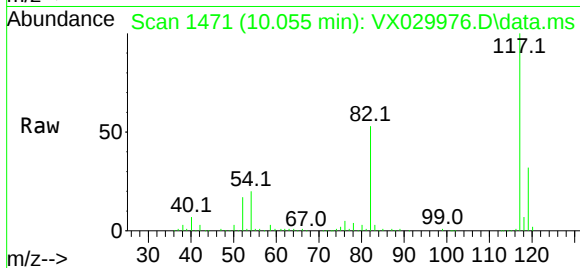
Acq: 08 Jul 2022 16:28

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20220706



Tgt Ion: 117 Resp: 147130

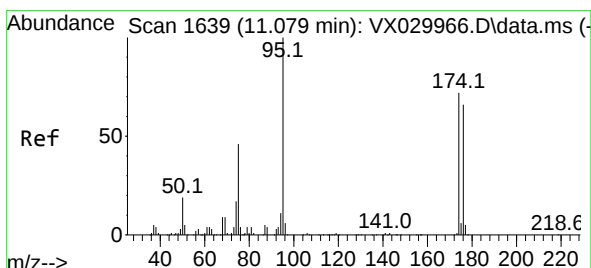
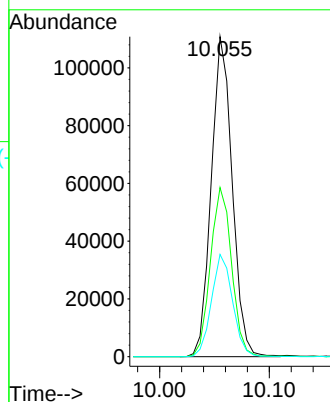
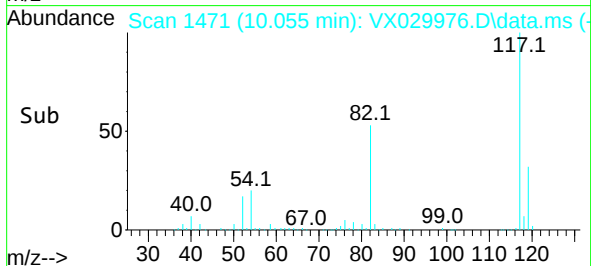
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.3	63.5
119	32.3	26.2	39.2

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Supervised By :Mahesh Dadoda 07/11/2022



#60

4-Bromofluorobenzene

Concen: 27.084 ug/l

RT: 11.085 min Scan# 1640

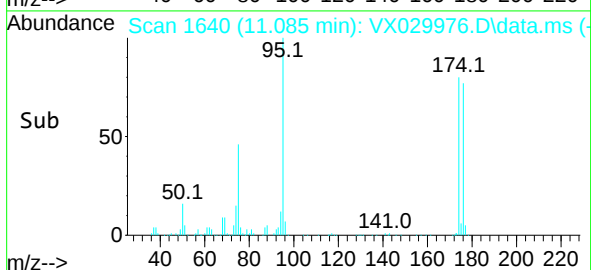
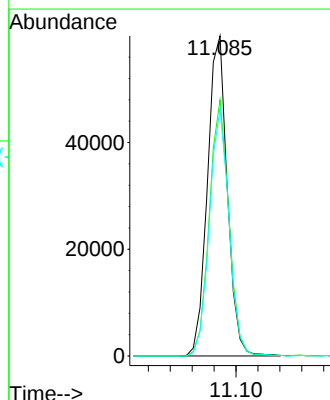
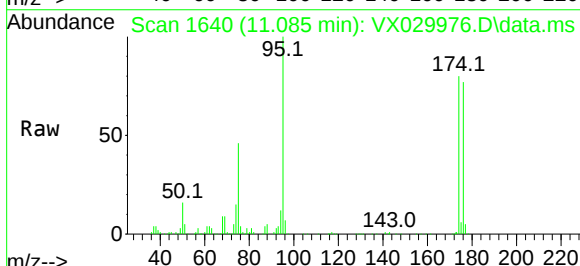
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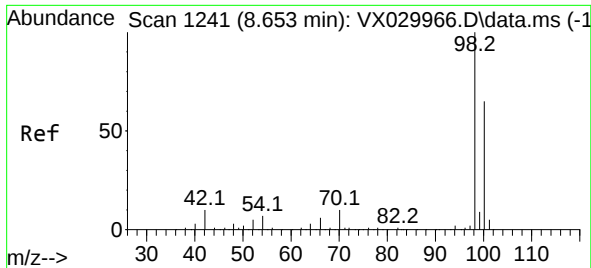
Lab File: VX029976.D

Acq: 08 Jul 2022 16:28

Tgt Ion: 95 Resp: 75100

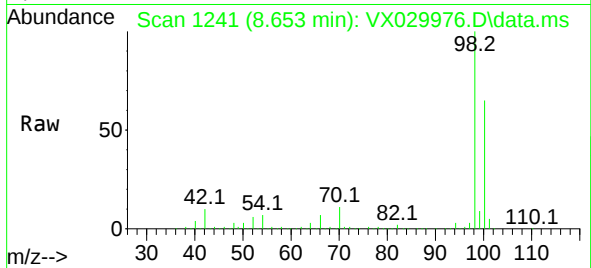
Ion	Ratio	Lower	Upper
95	100		
174	78.9	65.4	98.2
176	76.5	63.4	95.0





#63
Toluene-d8
Concen: 29.996 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029976.D
Acq: 08 Jul 2022 16:28

Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 23932
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2

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