

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021022\
 Data File : VX026918.D
 Acq On : 10 Feb 2022 14:20
 Operator : JC/MD
 Sample : N1416-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(FEB)

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/11/2022
 Supervised By : Mahesh Dadoda 02/11/2022

Supervised By : Mahesh
 Dadoda
 02/11/2022

Quant Time: Feb 11 03:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.904	128	16403	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	93097	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	79022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	38136	28.913	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.367%	
60) 4-Bromofluorobenzene	11.079	95	37161	28.178	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	93.933%	
63) Toluene-d8	8.653	98	107919	29.728	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.100%	
Target Compounds						
15) Acetone	2.386	58	13541	83.665	ug/l	85
16) Carbon Disulfide	2.520	76	2038	0.818	ug/l #	94
24) Methyl tert-Butyl Ether	3.111	73	1412m	0.431	ug/l	
30) 2-Butanone	4.568	43	7483	8.961	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	2760	1.872	ug/l	97
62) Toluene	8.726	91	1134	0.269	ug/l	99

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

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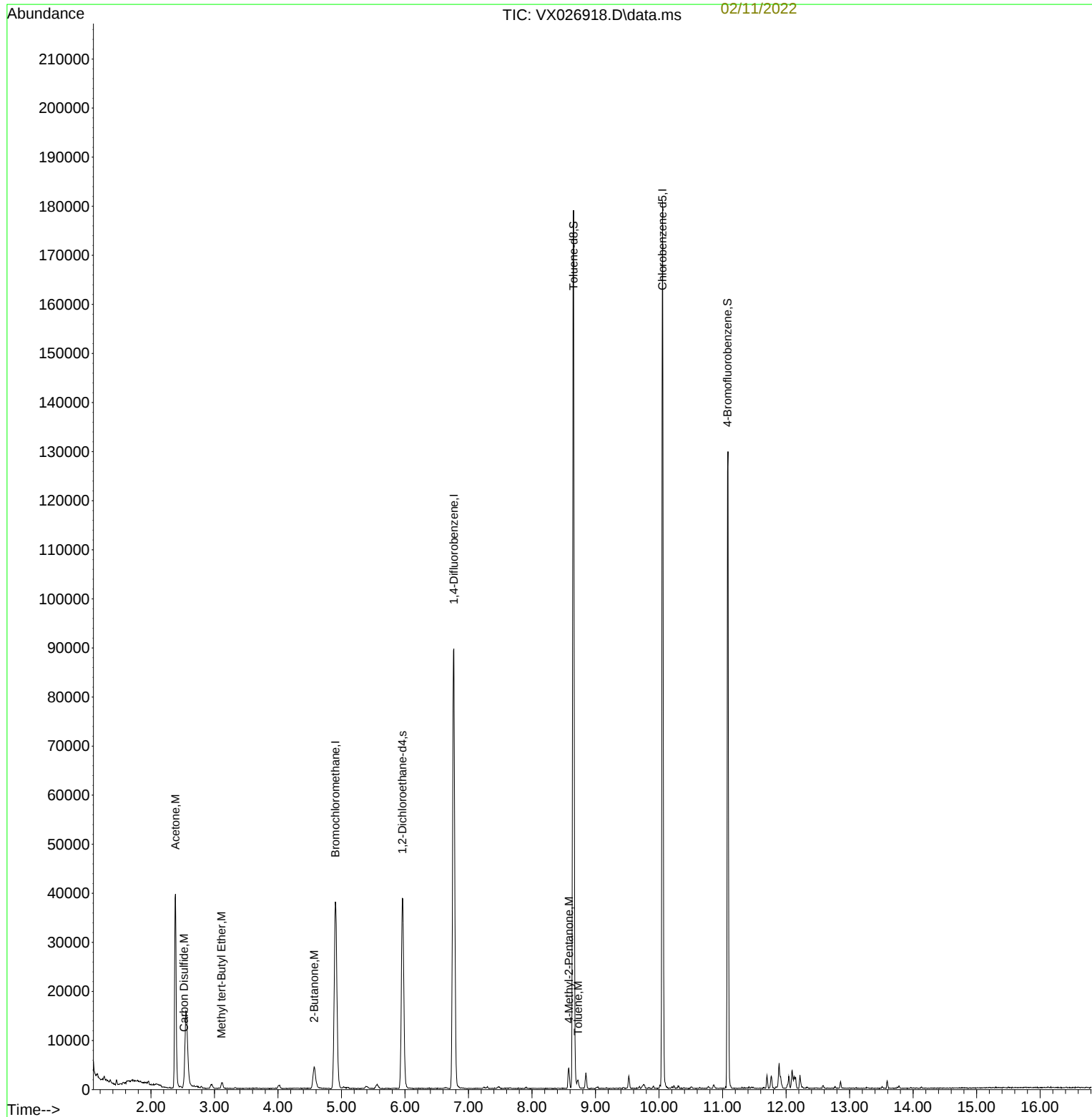
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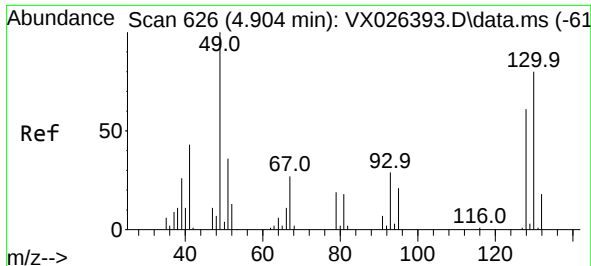
Quant Time: Feb 11 03:41:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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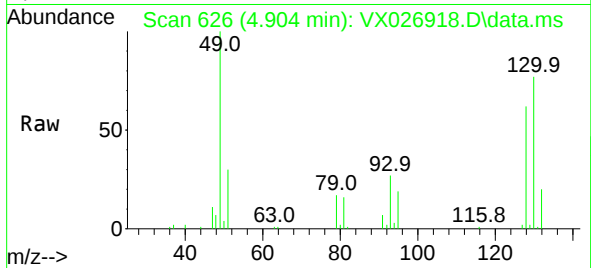
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Dadoda
02/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

Instrument :
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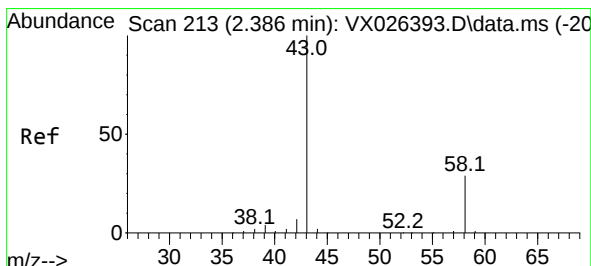
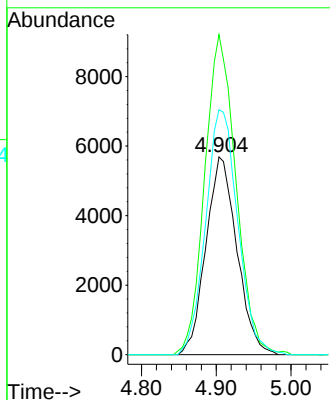
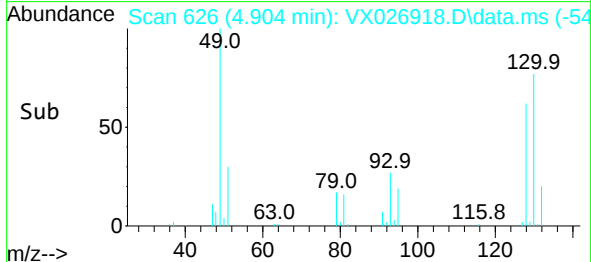


Tgt Ion:128 Resp: 1640
Ion Ratio Lower Upper
128 100
49 162.3 0.0 413.5
130 128.7 0.0 326.0

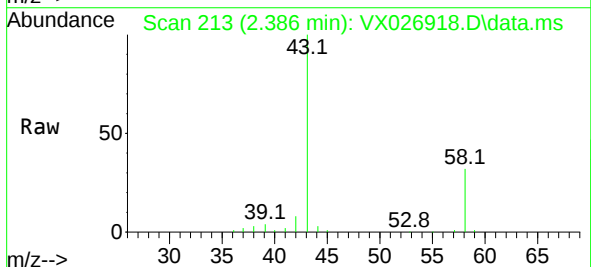
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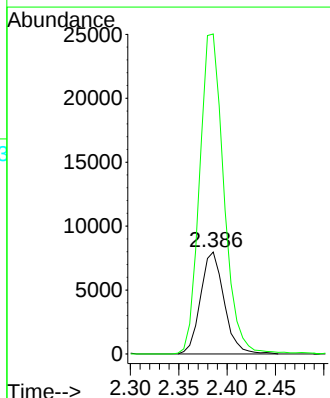
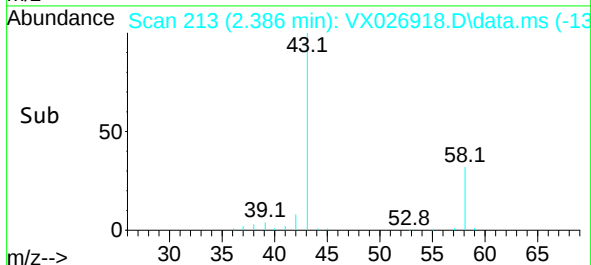
Supervised By :Mahesh
Dadoda
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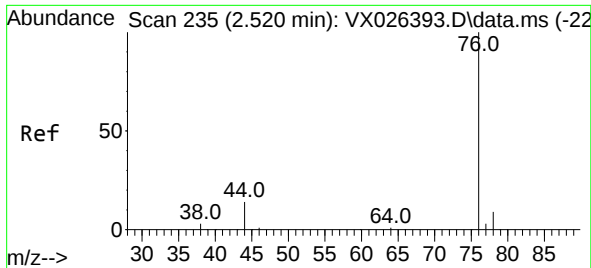


#15
Acetone
Concen: 83.665 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20



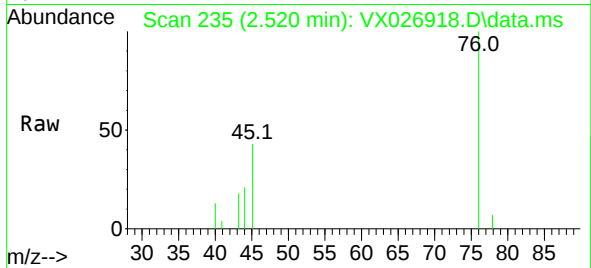
Tgt Ion: 58 Resp: 13541
Ion Ratio Lower Upper
58 100
43 313.4 276.3 414.5





#16
Carbon Disulfide
Concen: 0.818 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

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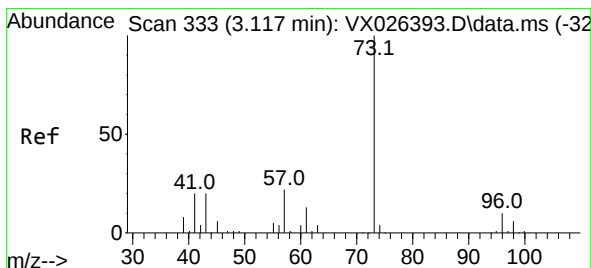
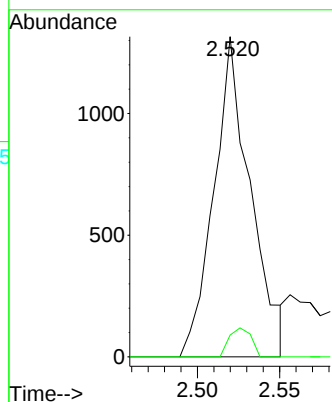


Tgt Ion: 76 Resp: 2038
Ion Ratio Lower Upper
76 100
78 6.8 7.3 10.9

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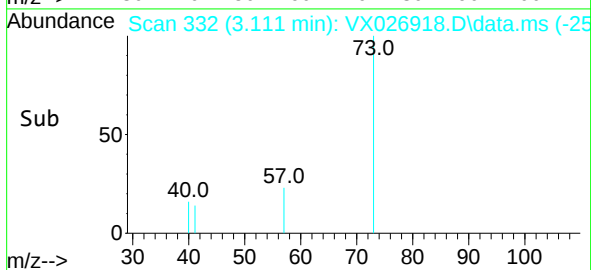
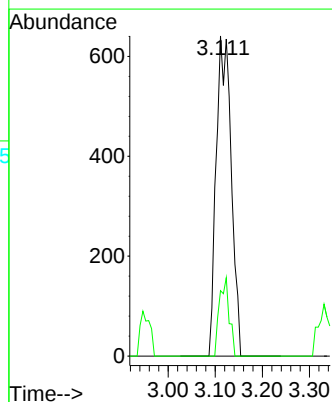
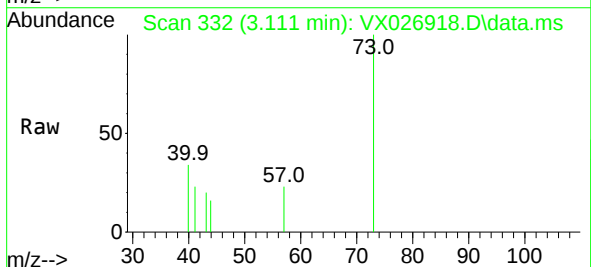
Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022

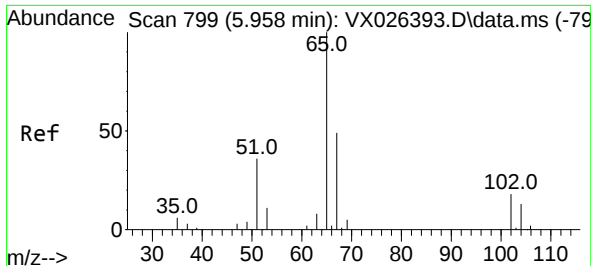
Supervised By :Mahesh
Dadoda
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#24
Methyl tert-Butyl Ether
Concen: 0.431 ug/l m
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

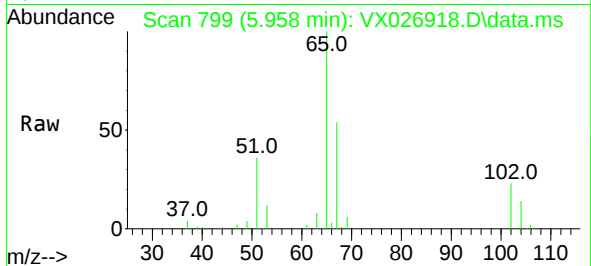
Tgt Ion: 73 Resp: 1412
Ion Ratio Lower Upper
73 100
43 16.0 17.1 25.7





#27
1,2-Dichloroethane-d4
Concen: 28.913 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

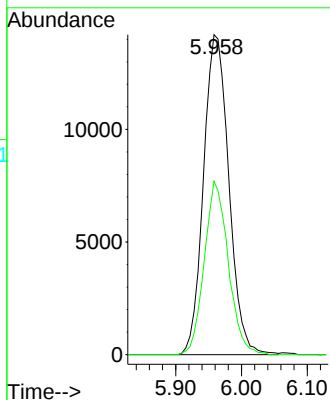
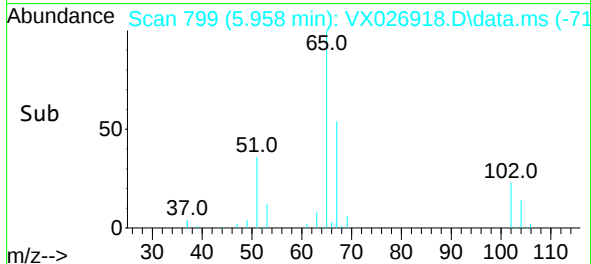
Instrument :
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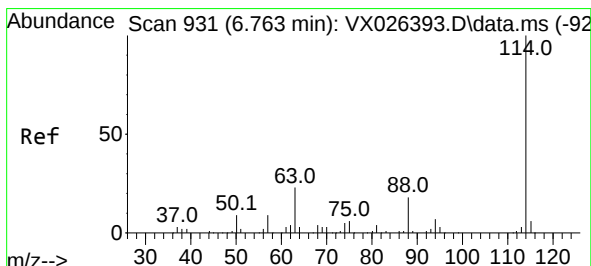
Tgt Ion: 65 Resp: 38130
Ion Ratio Lower Upper
65 100
67 51.4 39.6 59.4

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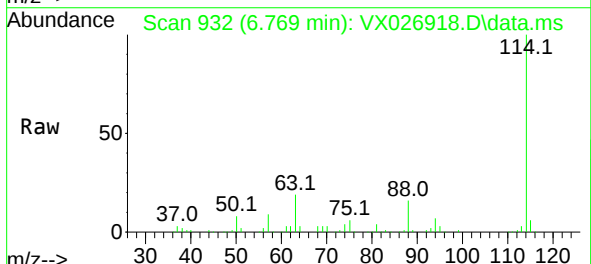
Reviewed By :Semsettin Yesilyurt 02/11/2022
Supervised By :Mahesh Dadoda 02/11/2022



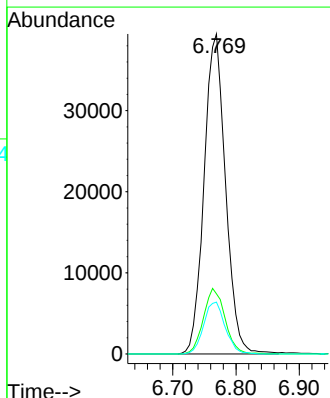
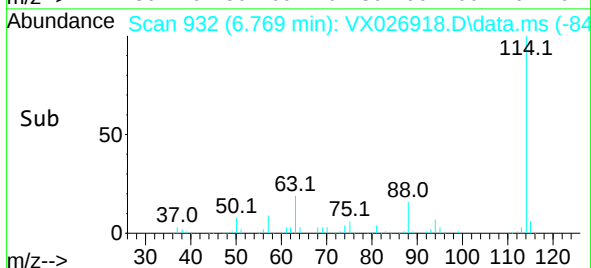
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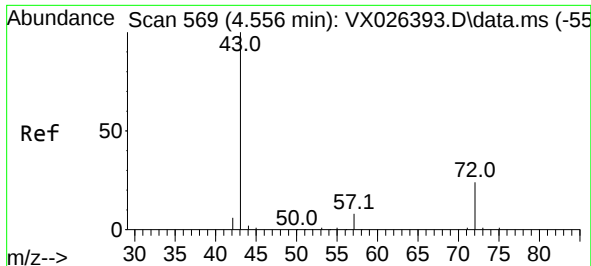


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20



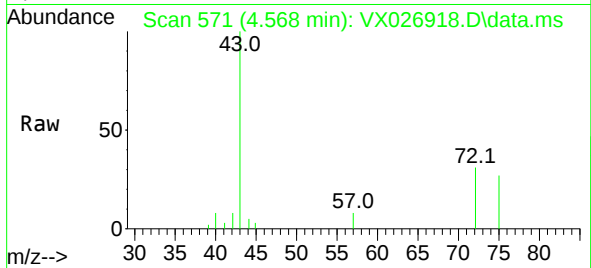
Tgt Ion:114 Resp: 93097
Ion Ratio Lower Upper
114 100
63 20.4 17.4 26.2
88 16.2 13.5 20.3





#30
2-Butanone
Concen: 8.961 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

Instrument :
MSVOA_X
ClientSampleId :
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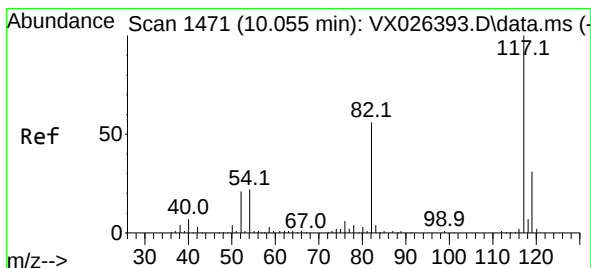
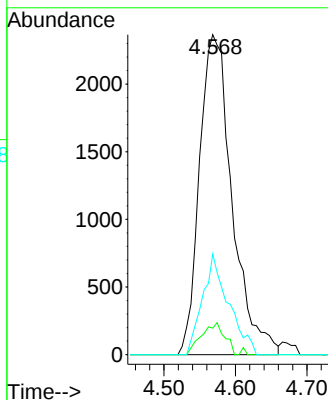
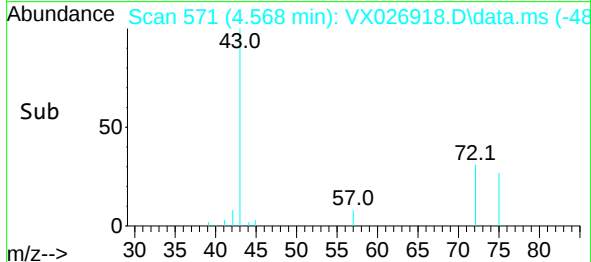


Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
57 7.1 6.3 9.5
72 25.1 19.8 29.6

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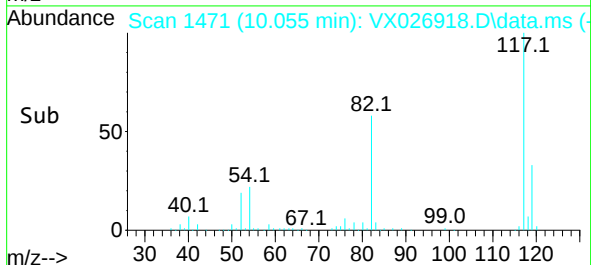
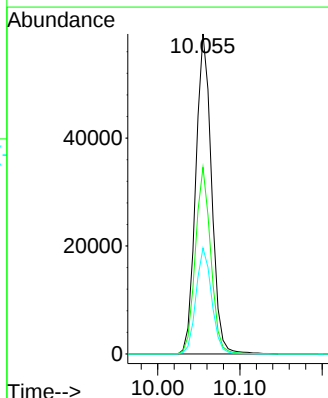
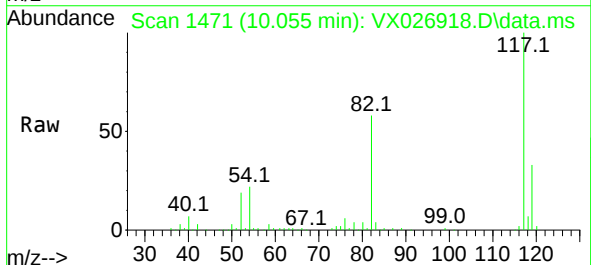
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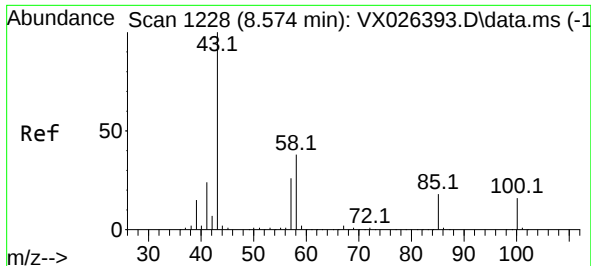
Supervised By :Mahesh
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

Tgt Ion:117 Resp: 79022
Ion Ratio Lower Upper
117 100
82 56.9 46.2 69.4
119 32.7 25.4 38.2





#58

4-Methyl-2-Pentanone

Concen: 1.872 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX026918.D

Acq: 10 Feb 2022 14:20

Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion: 43	Resp: 2760
Ion Ratio	Lower Upper
43	100
58	40.4 30.2 45.4
85	18.1 14.1 21.1

Manual Integrations

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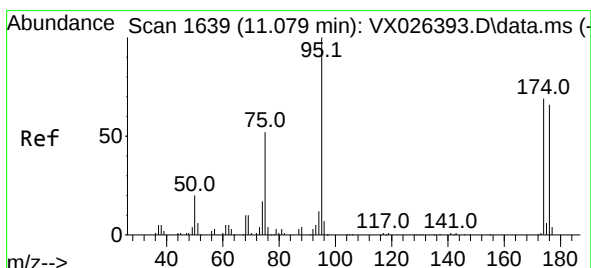
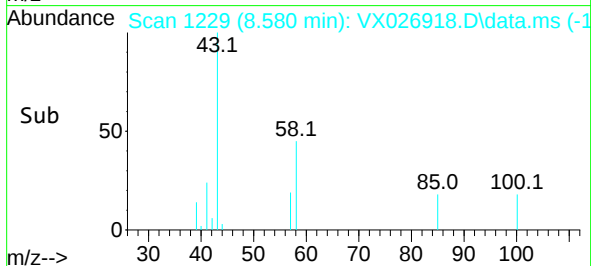
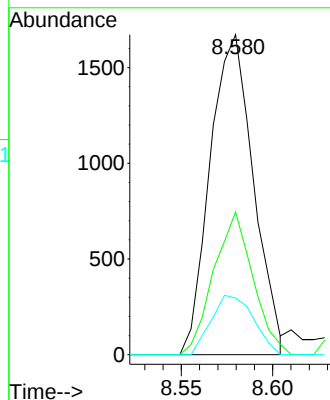
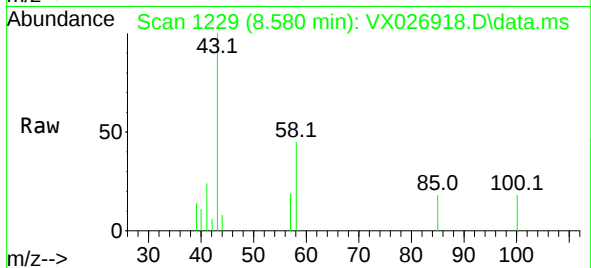
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Supervised By :Mahesh

Dadoda

02/11/2022



#60

4-Bromofluorobenzene

Concen: 28.178 ug/l

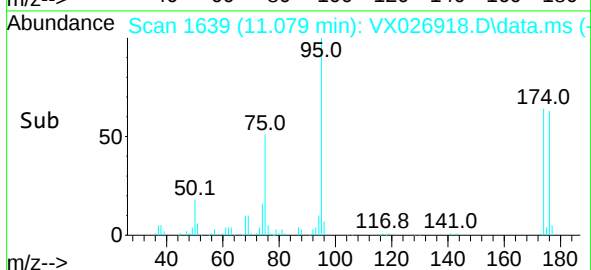
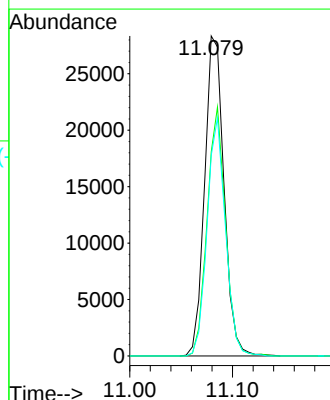
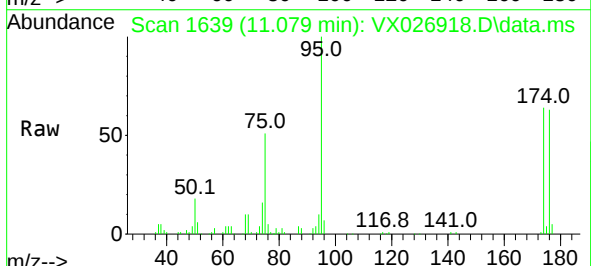
RT: 11.079 min Scan# 1639

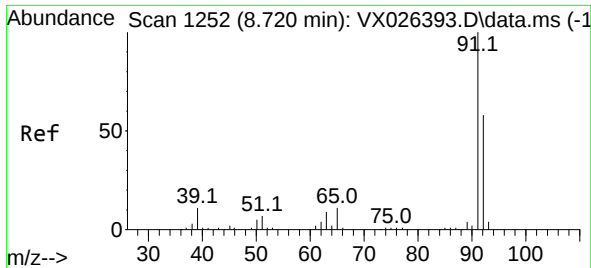
Delta R.T. 0.000 min

Lab File: VX026918.D

Acq: 10 Feb 2022 14:20

Tgt Ion: 95	Resp: 37161
Ion Ratio	Lower Upper
95	100
174	73.7 58.0 87.0
176	70.3 56.5 84.7





#62
Toluene
Concen: 0.269 ug/l
RT: 8.726 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

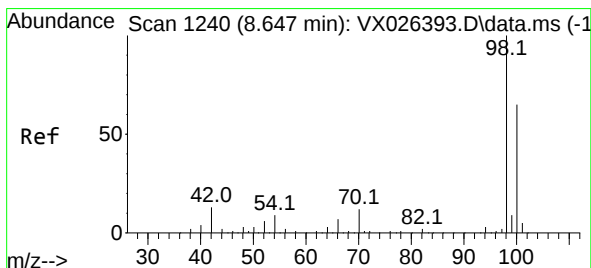
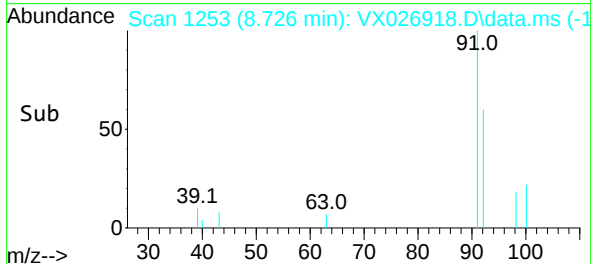
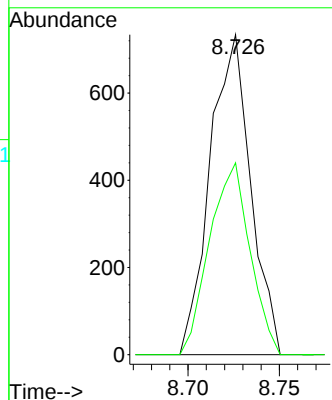
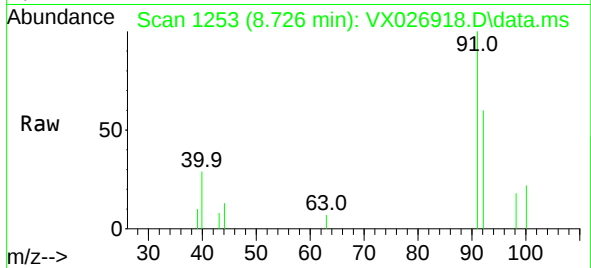
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Tgt Ion: 91 Resp: 1134
Ion Ratio Lower Upper
91 100
92 59.6 47.2 70.8

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Dadoda
02/11/2022



#63
Toluene-d8
Concen: 29.728 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX026918.D
Acq: 10 Feb 2022 14:20

Tgt Ion: 98 Resp: 107919
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

