

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039303.D
 Acq On : 15 Jun 2022 19:55
 Operator : SY/AP
 Sample : N3326-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:37:11 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1295602	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.159	114	3628989	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	3225026	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2525830	9.473	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.983	51	16406	0.100	ppbv #	89
4) Chloromethane	3.131	50	10111m	0.119	ppbv	
9) Propene	3.015	41	67409m	0.938	ppbv	
13) Ethanol	3.597	45	87670	22.364	ppbv #	100
15) Acetone	3.844	43	748412	5.545	ppbv	90
19) Isopropyl Alcohol	3.960	45	274194m	4.332	ppbv	
20) Methylene Chloride	4.333	84	55882m	0.983	ppbv	
26) Hexane	5.677	57	80217	0.600	ppbv #	37
34) 2-Butanone	5.240	43	34384m	0.174	ppbv	
44) 2,2,4-Trimethylpentane	7.854	57	261280	0.507	ppbv	93
53) Toluene	9.793	91	179946	0.530	ppbv	99
59) m/p-Xylene	12.950	91	119585m	0.306	ppbv	
60) o-Xylene	13.677	91	45824m	0.125	ppbv	
74) 1,2,4-Trimethylbenzene	16.747	105	66320m	0.153	ppbv	

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

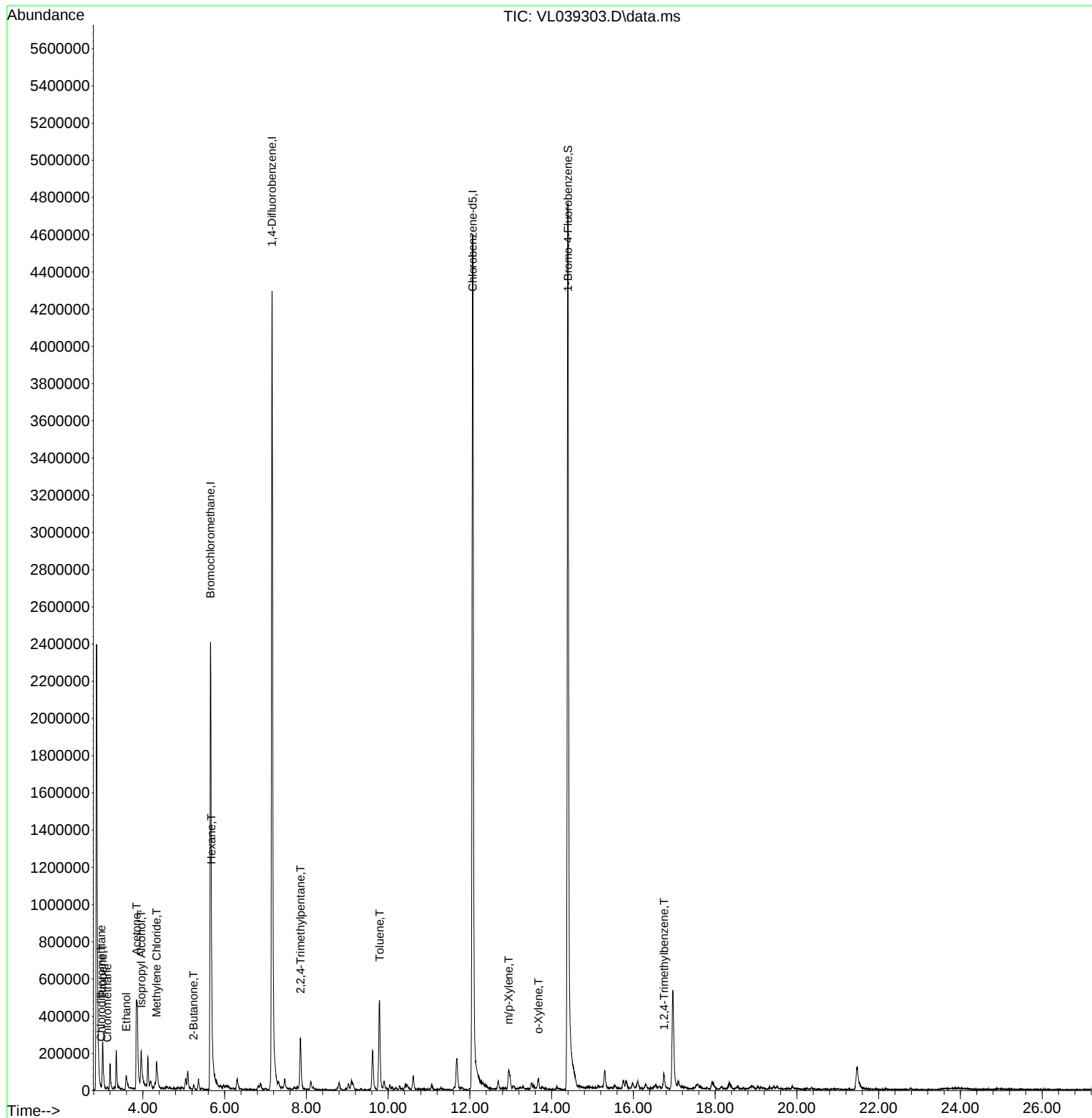
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
Data File : VL039303.D
Acq On : 15 Jun 2022 19:55
Operator : SY/AP
Sample : N3326-03DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

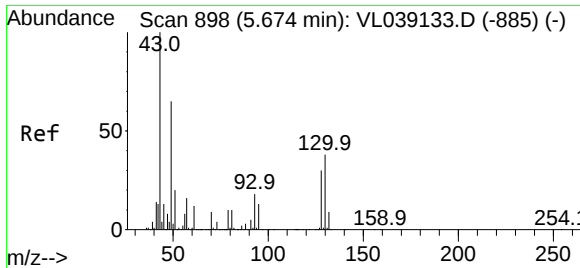
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Jun 16 04:37:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

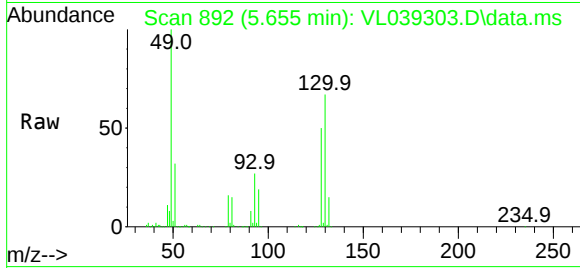
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 89
Delta R.T. -0.019 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

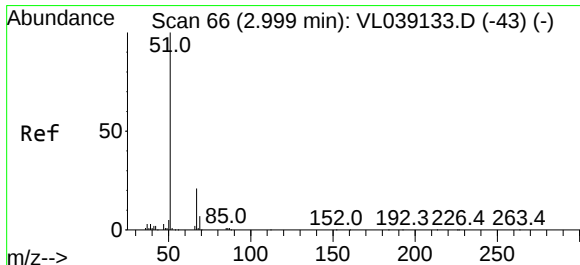
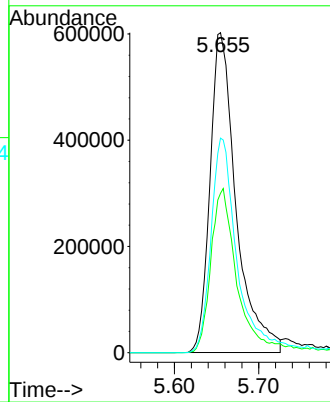
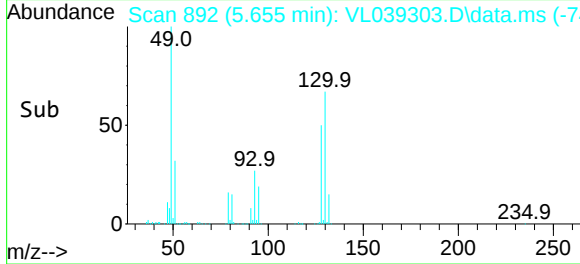
Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 49 Resp: 1295602
Ion Ratio Lower Upper
49 100
128 54.5 24.7 74.1
130 70.6 31.4 94.0

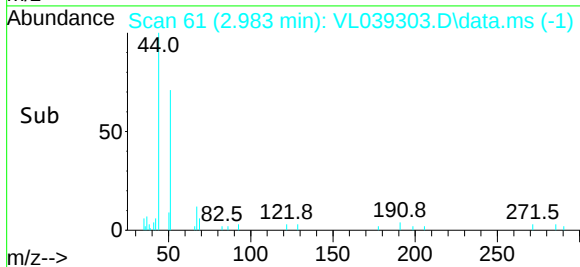
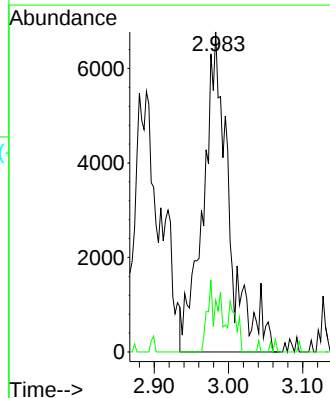
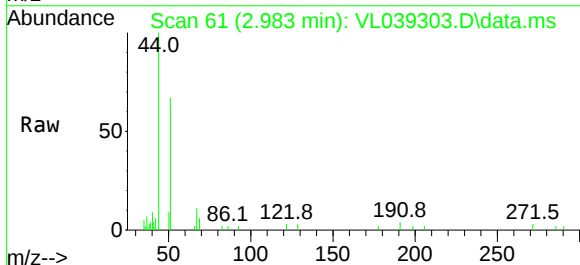
Manual Integrations
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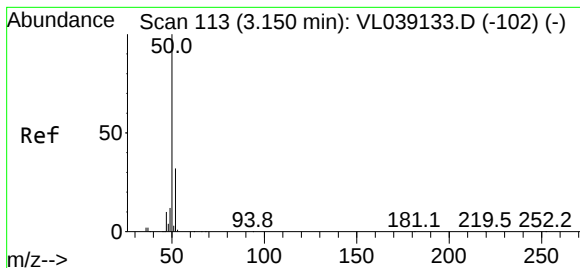
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#3
Chlorodifluoromethane
Concen: 0.100 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

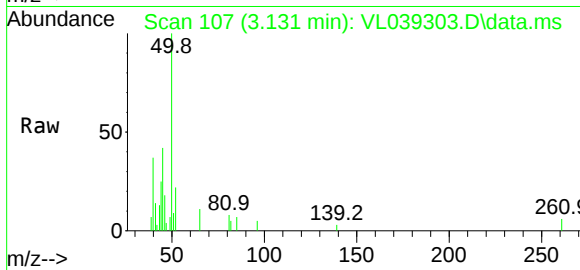
Tgt Ion: 51 Resp: 16406
Ion Ratio Lower Upper
51 100
67 15.1 16.2 24.4#





#4
Chloromethane
Concen: 0.119 ppbv m
RT: 3.131 min Scan# 107
Delta R.T. -0.019 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



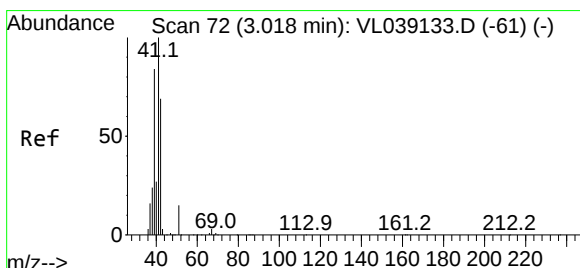
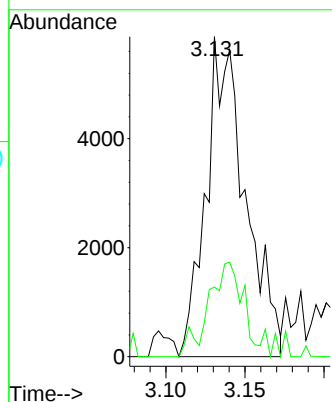
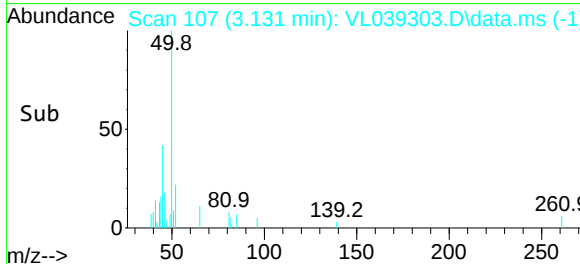
Tgt Ion: 50 Resp: 1011
Ion Ratio Lower Upper
50 100
52 21.8 25.9 38.9

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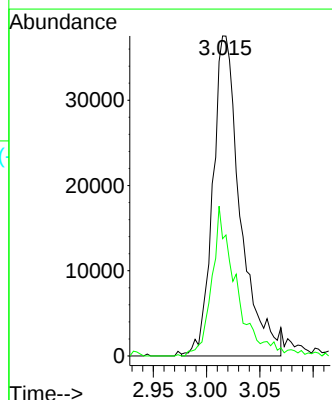
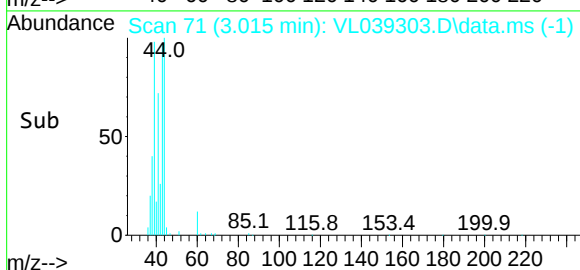
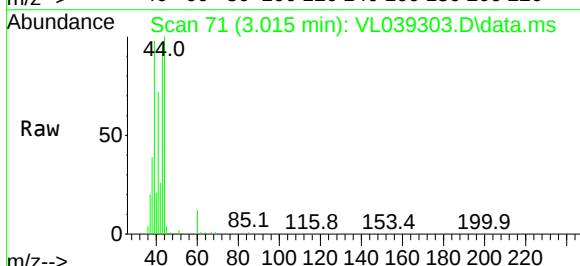
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Supervised By :Mahesh
Dadoda

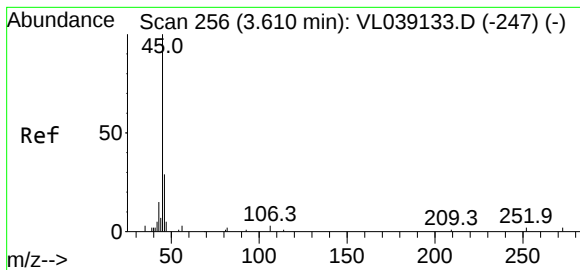
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#9
Propene
Concen: 0.938 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

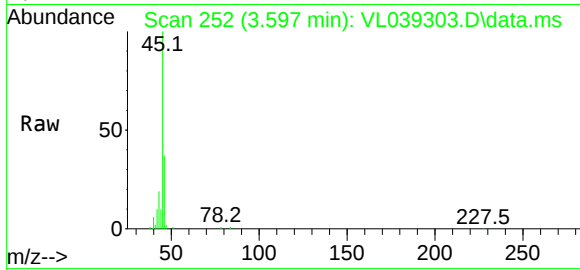
Tgt Ion: 41 Resp: 67409
Ion Ratio Lower Upper
41 100
42 45.0 55.4 83.2





#13
Ethanol
Concen: 22.364 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



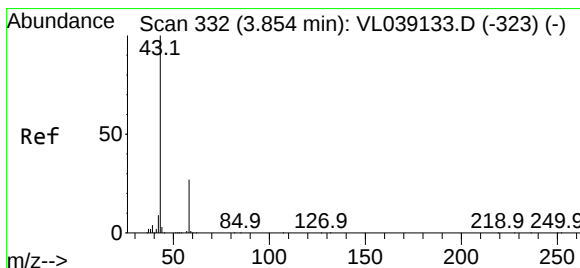
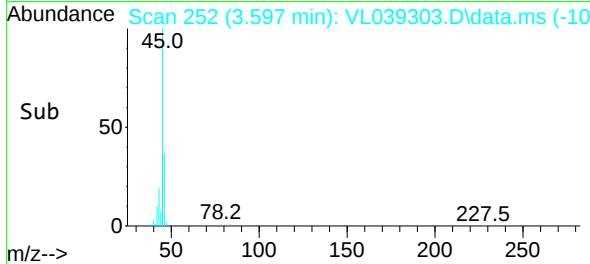
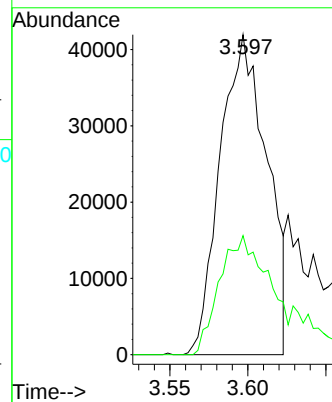
Tgt Ion: 45 Resp: 87670
Ion Ratio Lower Upper
45 100
46 52.7 0.0 0.0

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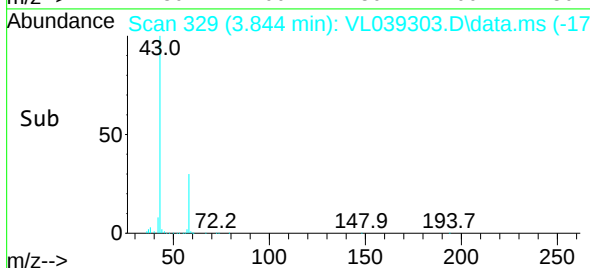
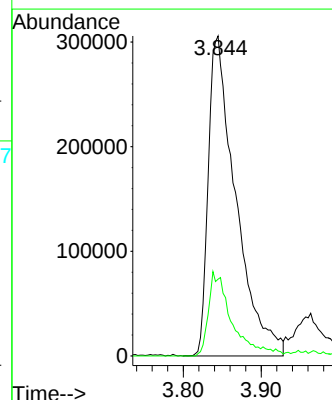
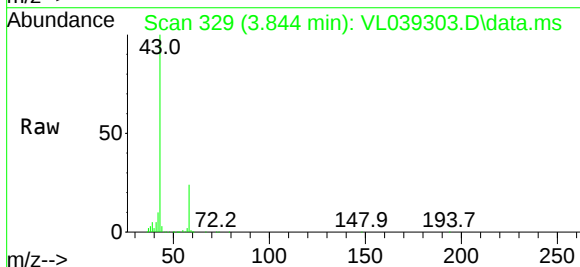
06/16/2022
Supervised By :Mahesh
Dadoda

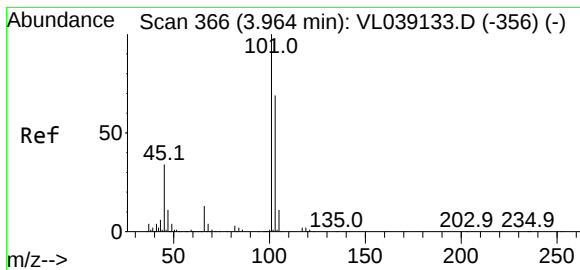
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#15
Acetone
Concen: 5.545 ppbv
RT: 3.844 min Scan# 329
Delta R.T. -0.010 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

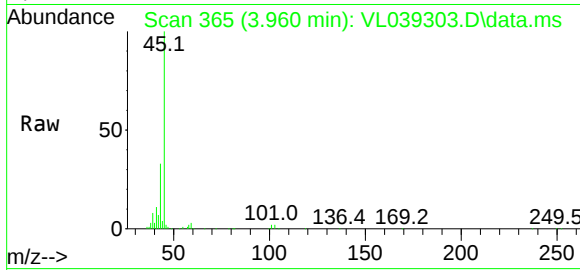
Tgt Ion: 43 Resp: 748412
Ion Ratio Lower Upper
43 100
58 22.7 22.5 33.7





#19
Isopropyl Alcohol
Concen: 4.332 ppbv m
RT: 3.960 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



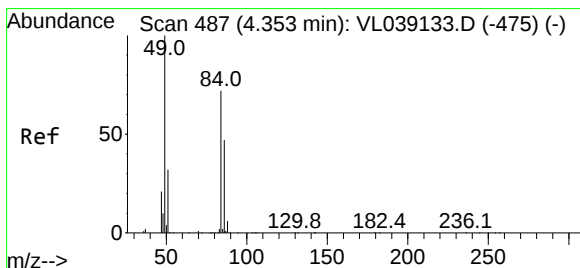
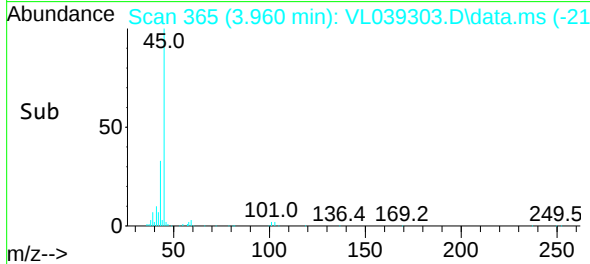
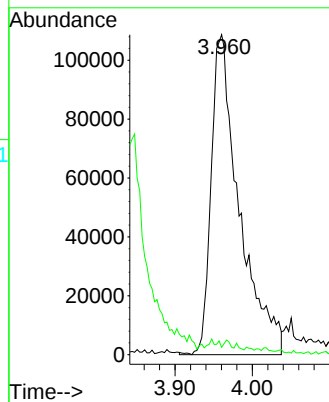
Tgt Ion: 45 Resp: 274194
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

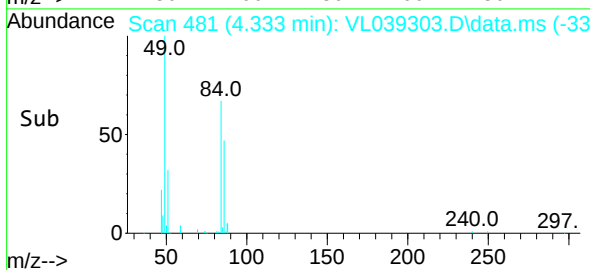
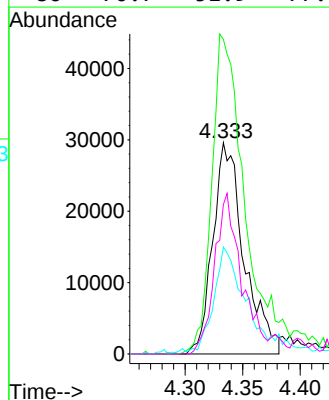
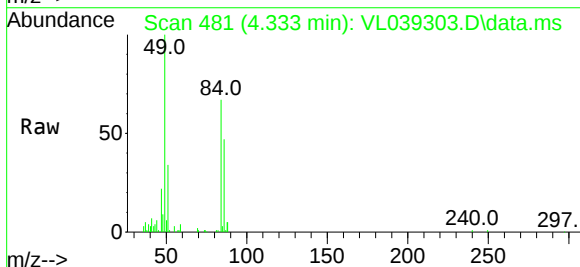
06/16/2022
Supervised By :Mahesh
Dadoda

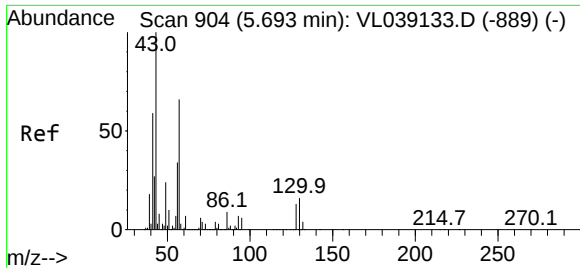
06/17/2022



#20
Methylene Chloride
Concen: 0.983 ppbv m
RT: 4.333 min Scan# 481
Delta R.T. -0.019 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

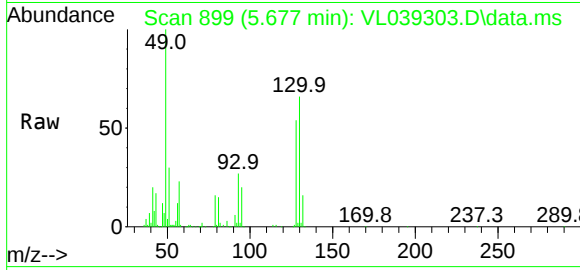
Tgt Ion: 84 Resp: 55882
Ion Ratio Lower Upper
84 100
49 148.9 111.1 166.7
51 50.6 35.3 52.9
86 70.7 51.9 77.9





#26
Hexane
Concen: 0.600 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



Tgt Ion: 57 Resp: 8021

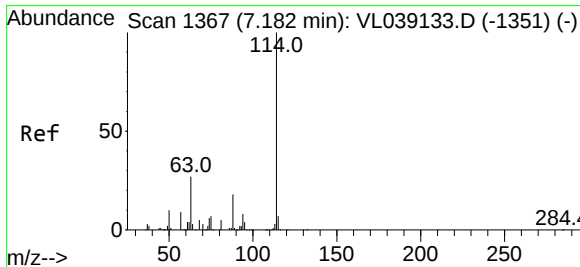
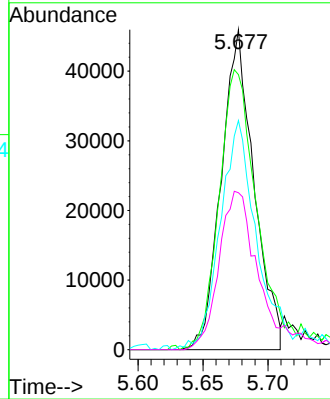
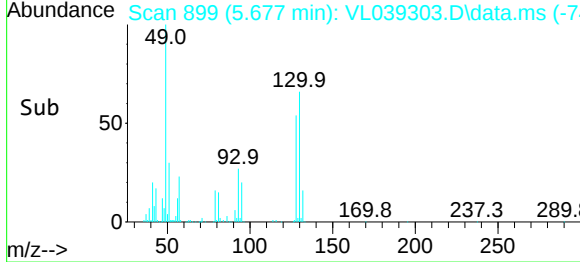
Ion	Ratio	Lower	Upper
57	100		
41	108.1	72.4	108.6
43	83.6	187.0	280.6
56	64.9	41.8	62.6

Manual Integrations
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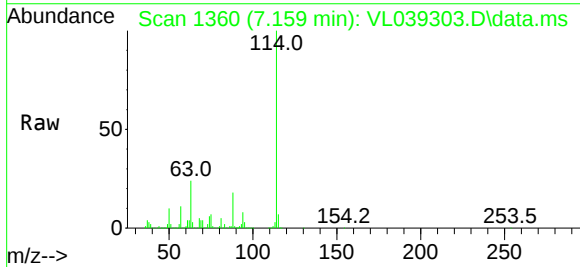
Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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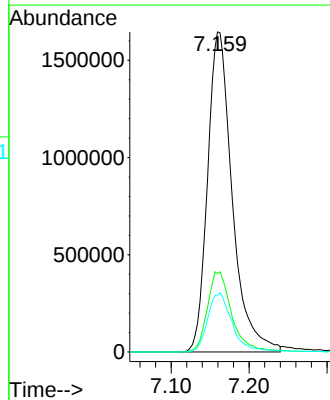
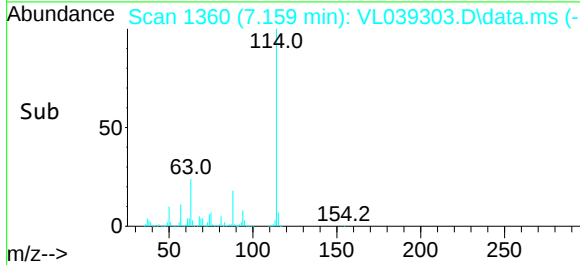


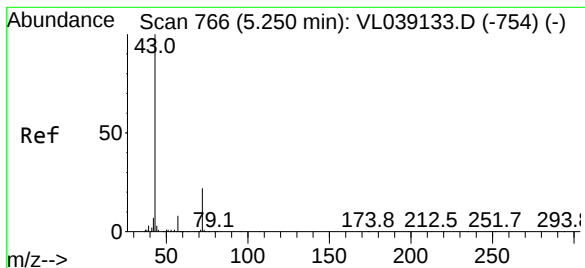
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1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.159 min Scan# 1360
Delta R.T. -0.023 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55



Tgt Ion:114 Resp: 3628989

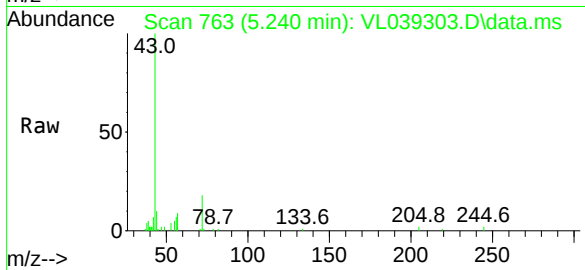
Ion	Ratio	Lower	Upper
114	100		
63	25.2	21.7	32.5
88	18.5	14.8	22.2





#34
2-Butanone
Concen: 0.174 ppbv m
RT: 5.240 min Scan# 766
Delta R.T. -0.010 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



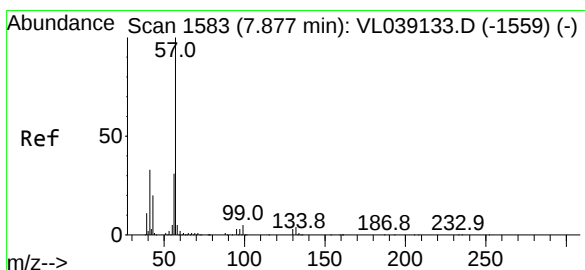
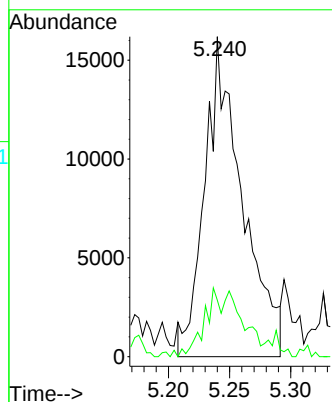
Tgt Ion: 43 Resp: 34384
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2

Manual Integrations
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Yesilyurt

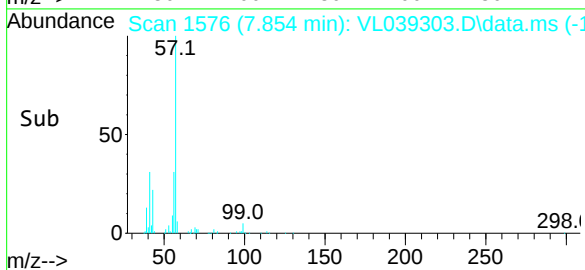
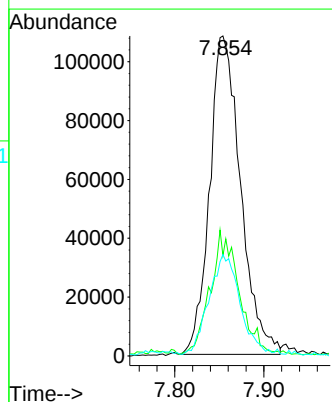
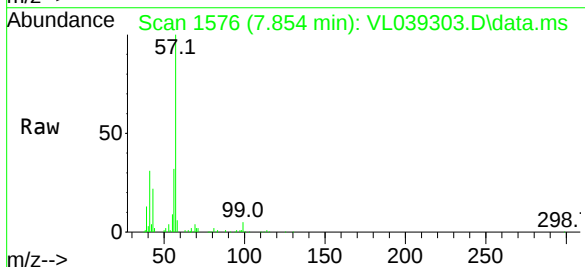
06/16/2022
Supervised By :Mahesh
Dadoda

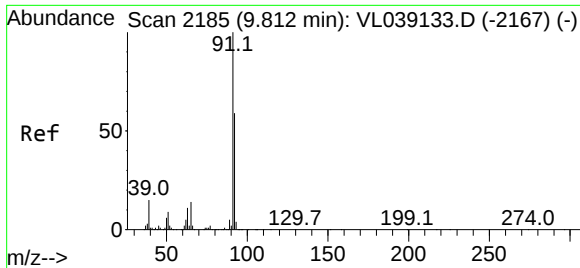
06/17/2022



#44
2,2,4-Trimethylpentane
Concen: 0.507 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.023 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

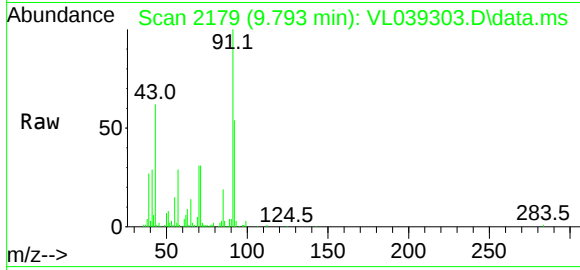
Tgt Ion: 57 Resp: 261280
Ion Ratio Lower Upper
57 100
41 38.9 26.2 39.4
56 32.5 24.7 37.1





#53
Toluene
Concen: 0.530 ppbv
RT: 9.793 min Scan# 2185
Delta R.T. -0.019 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



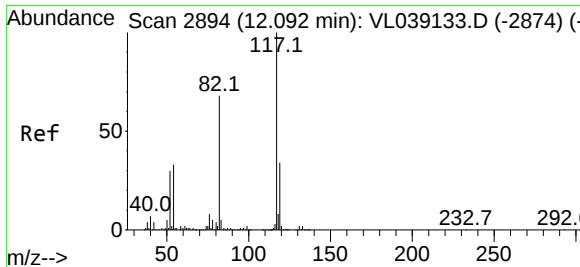
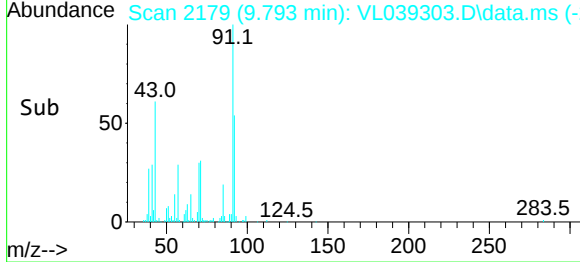
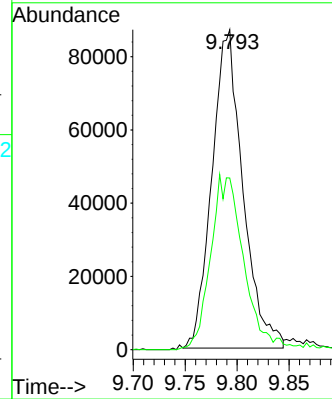
Tgt Ion: 91 Resp: 179940
Ion Ratio Lower Upper
91 100
92 59.7 48.1 72.1

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

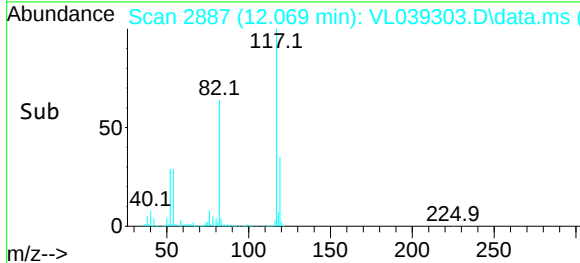
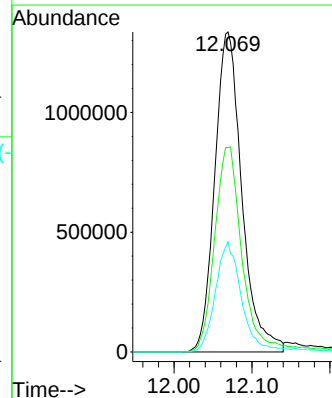
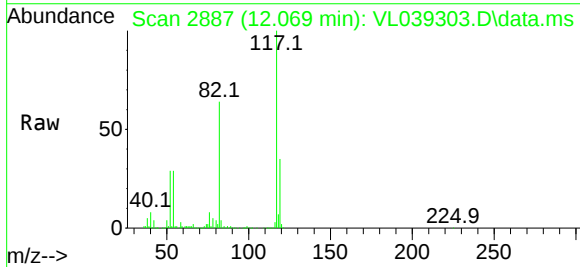
06/16/2022
Supervised By :Mahesh
Dadoda

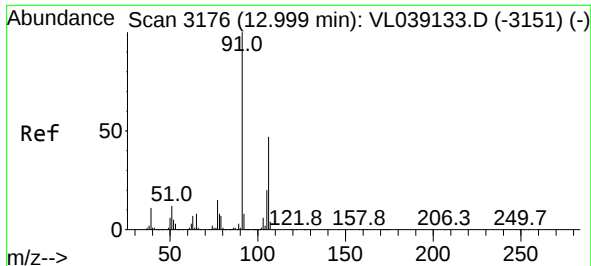
06/17/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.069 min Scan# 2887
Delta R.T. -0.023 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Tgt Ion:117 Resp: 3225026
Ion Ratio Lower Upper
117 100
82 67.8 55.1 82.7
119 34.1 24.7 37.1





#59

m/p-Xylene

Concen: 0.306 ppbv m

RT: 12.950 min Scan# 3176

Delta R.T. -0.048 min

Lab File: VL039303.D

Acq: 15 Jun 2022 19:55

Instrument :

MSVOA_L

ClientSampleId :

IA1DL

Tgt Ion: 91 Resp: 11958

Ion Ratio Lower Upper

91 100

106 0.0 34.3 51.5

Manual Integrations

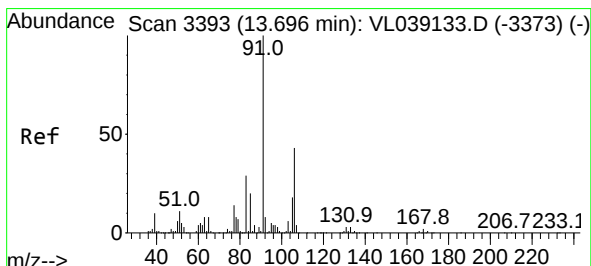
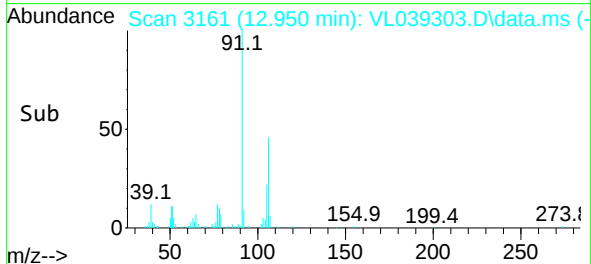
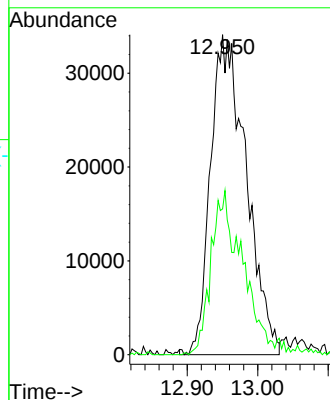
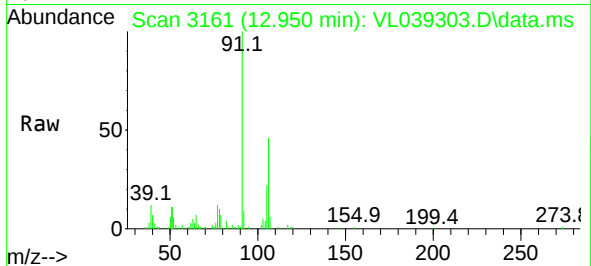
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/16/2022

Supervised By :Mahesh
Dadoda

06/17/2022



#60

o-Xylene

Concen: 0.125 ppbv m

RT: 13.677 min Scan# 3387

Delta R.T. -0.019 min

Lab File: VL039303.D

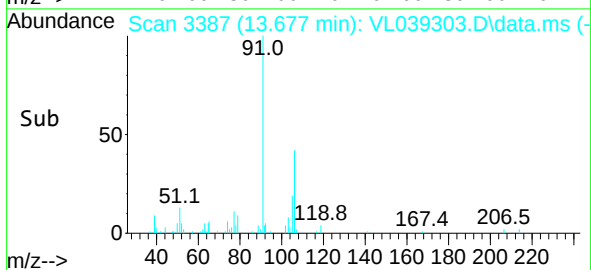
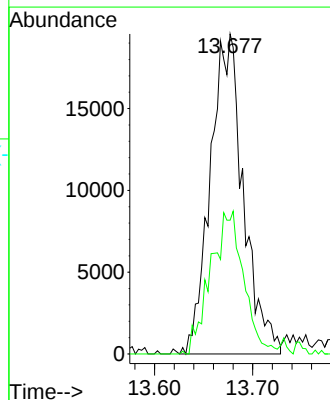
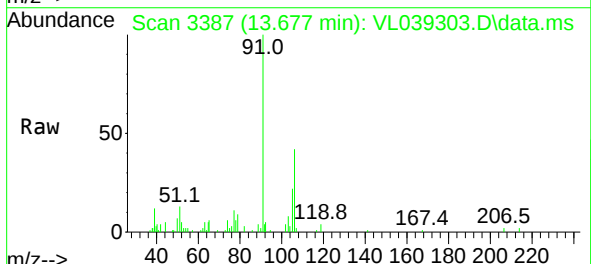
Acq: 15 Jun 2022 19:55

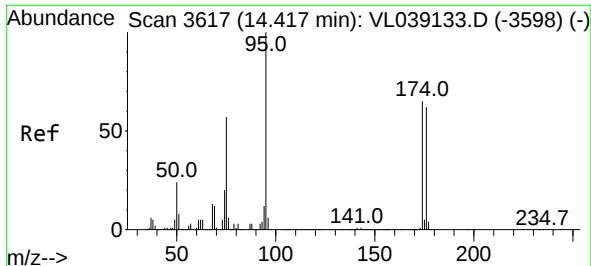
Tgt Ion: 91 Resp: 45824

Ion Ratio Lower Upper

91 100

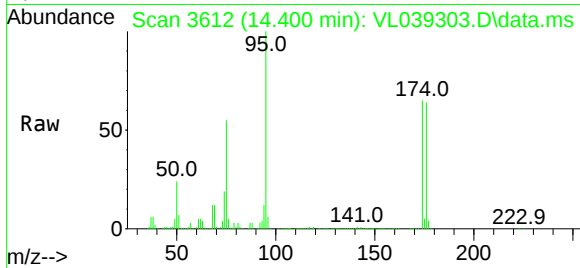
106 0.0 22.3 66.9





#68
1-Bromo-4-Fluorobenzene
Concen: 9.473 ppbv
RT: 14.400 min Scan# 3612
Delta R.T. -0.016 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55

Instrument :
MSVOA_L
ClientSampleId :
IA1DL



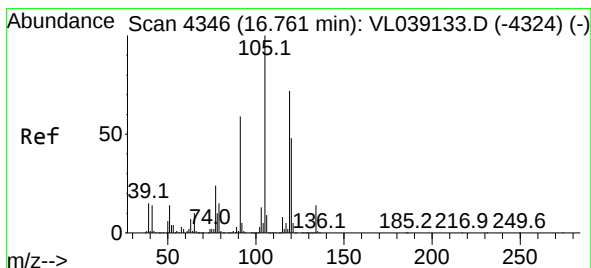
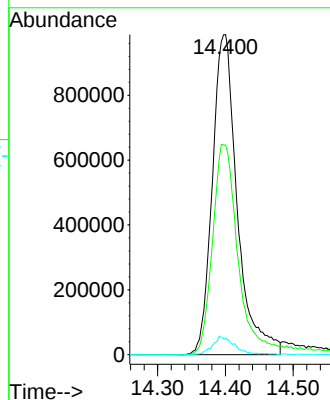
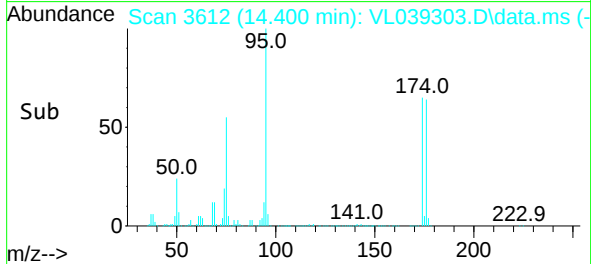
Tgt Ion: 95 Resp: 2525830
Ion Ratio Lower Upper
95 100
174 71.0 53.8 80.8
175 5.2 4.1 6.1

Manual Integrations
APPROVED

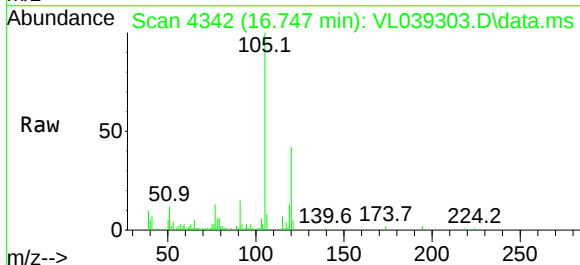
Reviewed By :Semsettin
Yesilyurt

06/16/2022
Supervised By :Mahesh
Dadoda

06/17/2022



#74
1,2,4-Trimethylbenzene
Concen: 0.153 ppbv m
RT: 16.747 min Scan# 4342
Delta R.T. -0.013 min
Lab File: VL039303.D
Acq: 15 Jun 2022 19:55



Tgt Ion:105 Resp: 66320
Ion Ratio Lower Upper
105 100
120 42.2 38.1 57.1
91 15.0 47.4 71.0#
77 13.4 19.5 29.3#

