

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
 Data File : VL038396.D
 Acq On : 22 Feb 2022 20:15
 Operator : SY/AP
 Sample : N1607-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-6DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:52:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	938605	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2196336	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	2015733	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1680431	10.08	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	12019	0.22	ppbv	89
10) Heptane	8.12	43	37269m	0.28	ppbv	
13) Ethanol	3.63	45	19715m	3.61	ppbv	
15) Acetone	3.87	43	42244m	0.53	ppbv	
17) tert-Butyl alcohol	4.32	59	26804	0.34	ppbv #	85
20) Methylene Chloride	4.35	84	59908m	1.51	ppbv	
26) Hexane	5.69	57	62925m	0.65	ppbv	
30) Cyclohexane	7.13	84	14324m	0.18	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	80155	0.24	ppbv #	66
53) Toluene	9.81	91	33171	0.16	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	49239m	0.22	ppbv	

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

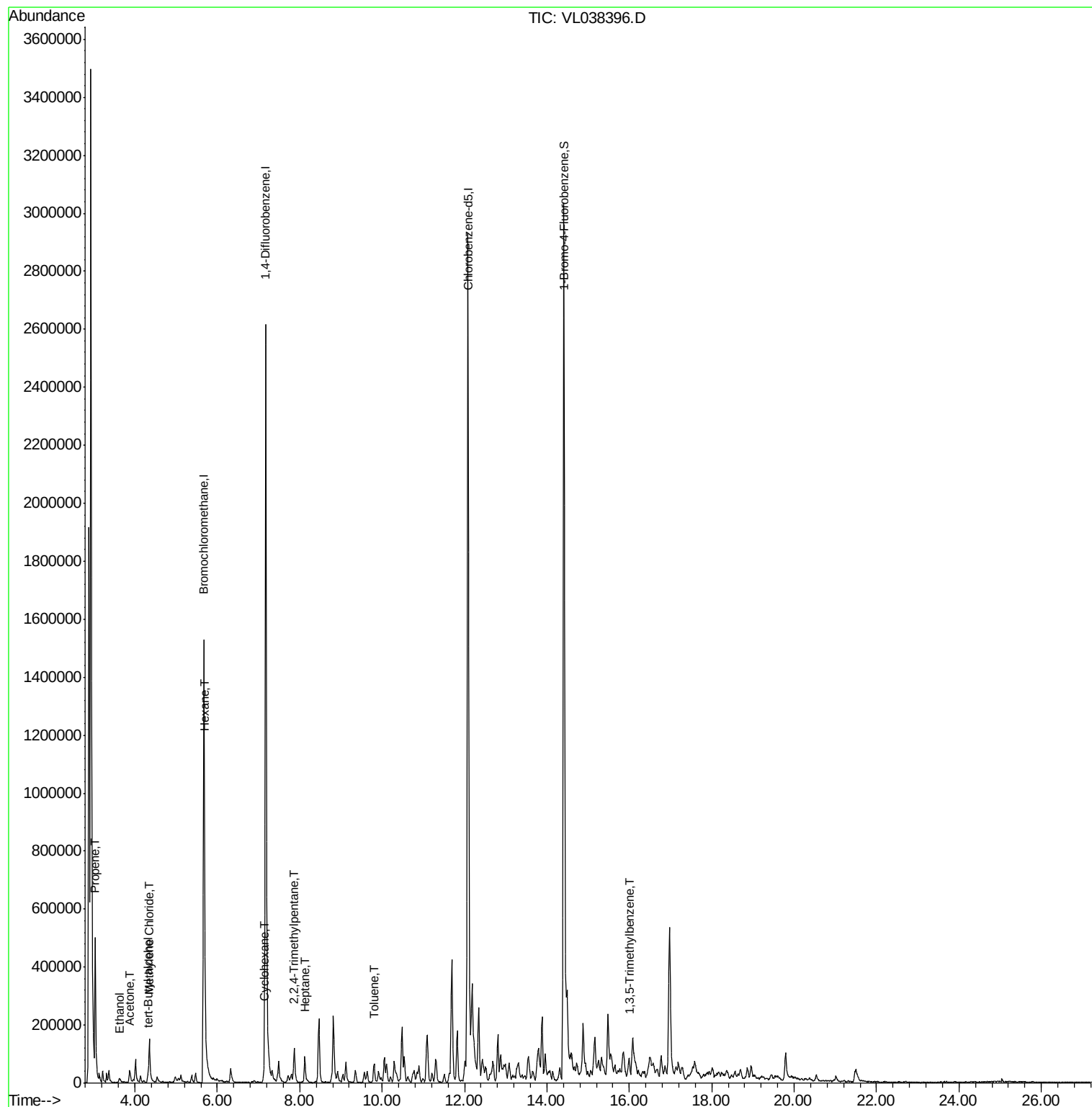
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL022222\
Data File : VL038396.D
Acq On : 22 Feb 2022 20:15
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ALS Vial : 1 Sample Multiplier: 1

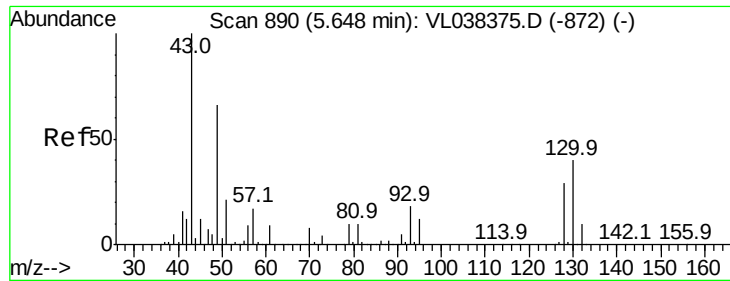
Instrument :
MSVOA_L
ClientSampleId :
MP-6DL

Quant Time: Feb 23 07:52:06 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL022222\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Manual Integrations
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Supervised By :Mahesh Dadoda 02/25/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 22 Feb 2022 20:15

Tgt Ion:

Ion Ratio

49 100

128 45.

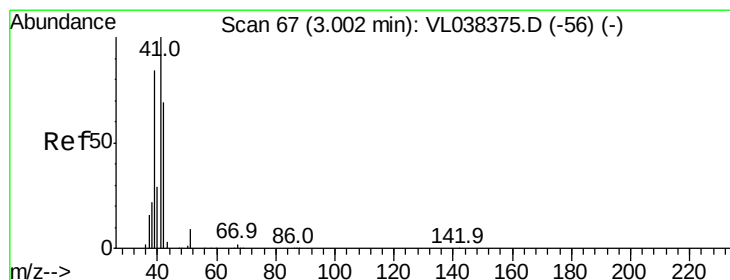
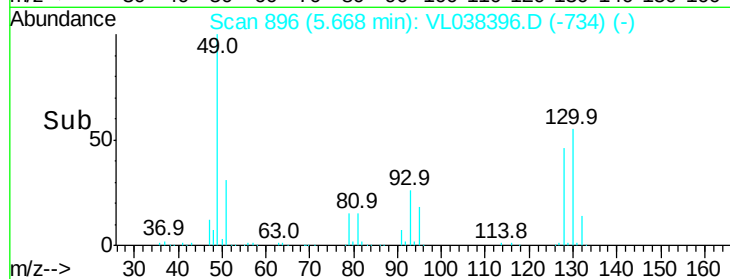
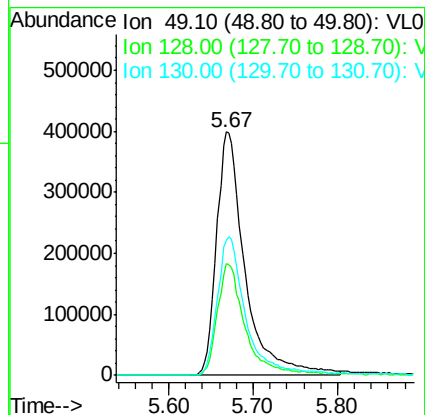
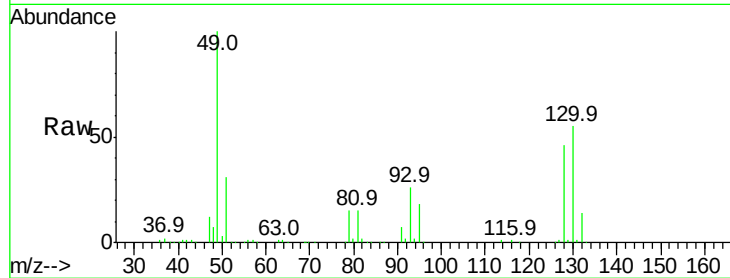
130 57.

Manual Integrations

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Supervised By :Mahesh Dadoda 02/25/2022



#9

Propene

Concen: 0.22 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL038396.D

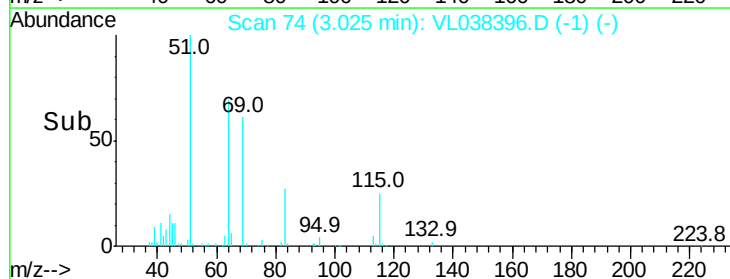
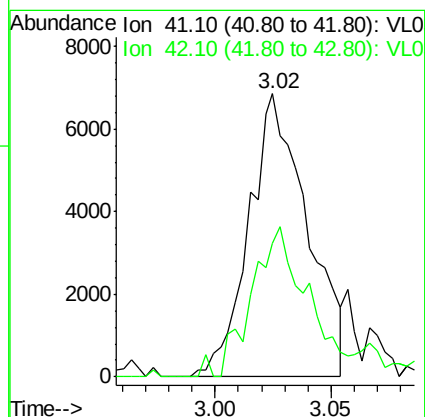
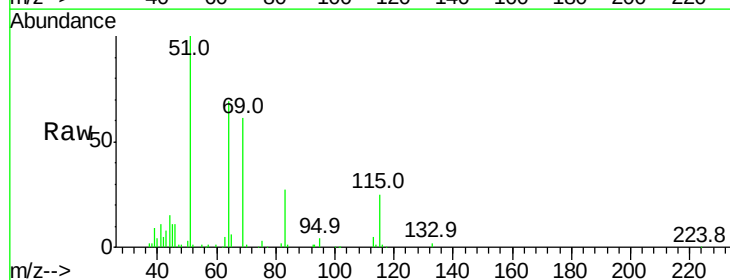
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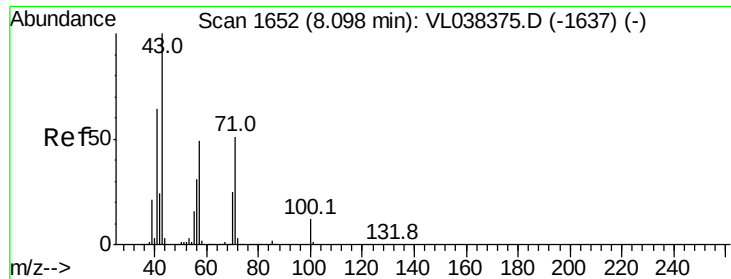
Tgt Ion: 41 Resp: 12019

Ion Ratio Lower Upper

41 100

42 59.3 54.6 82.0



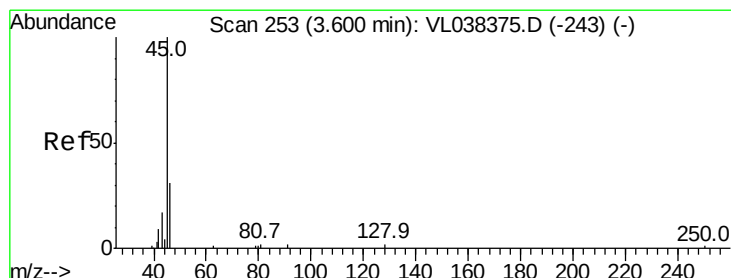
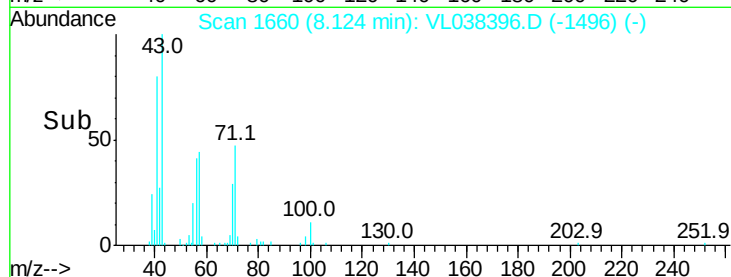
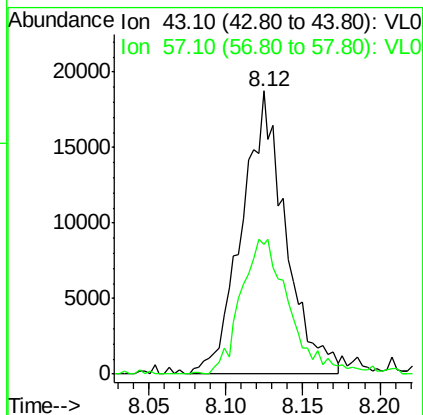
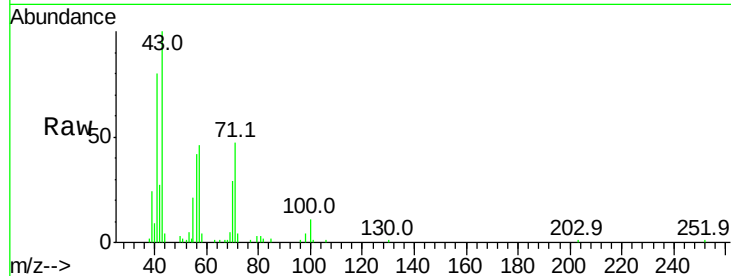


#10
 Heptane
 Concen: 0.28 ppbv m
 RT: 8.12
 Instrument: MSVOA_1
 Delta R.T.
 Lab File: ClientSampleId :
 Acq: 22 Feb 2022 20:15

Tgt Ion:
 Ion Ratio
 43 100
 57 53.

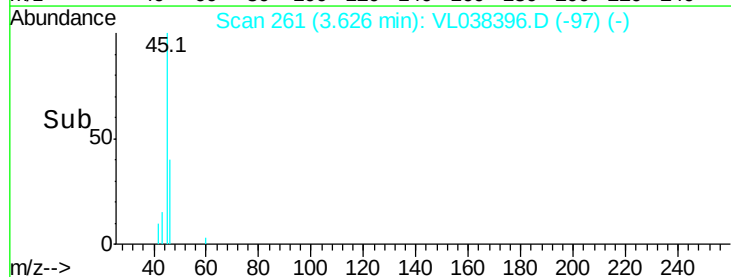
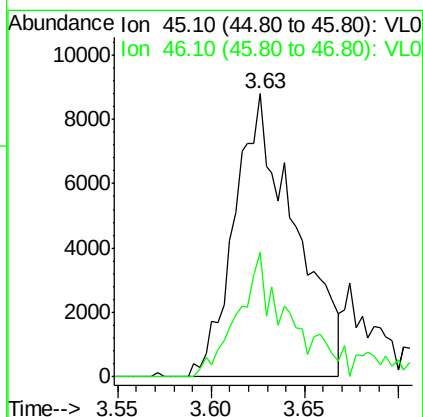
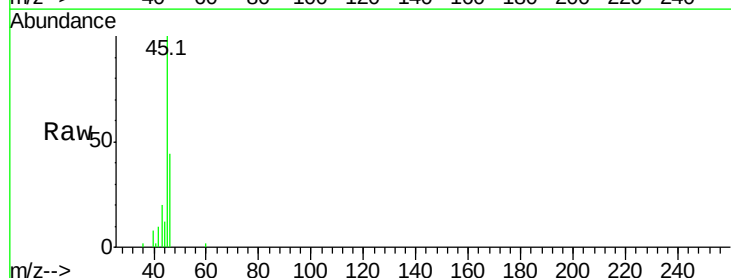
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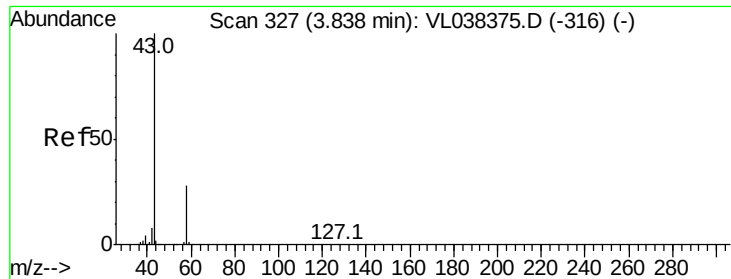
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#13
 Ethanol
 Concen: 3.61 ppbv m
 RT: 3.63 min Scan# 261
 Delta R.T. 0.03 min
 Lab File: VL038396.D
 Acq: 22 Feb 2022 20:15

Tgt Ion: 45 Resp: 19715
 Ion Ratio Lower Upper
 45 100
 46 0.0 18.2 72.8#



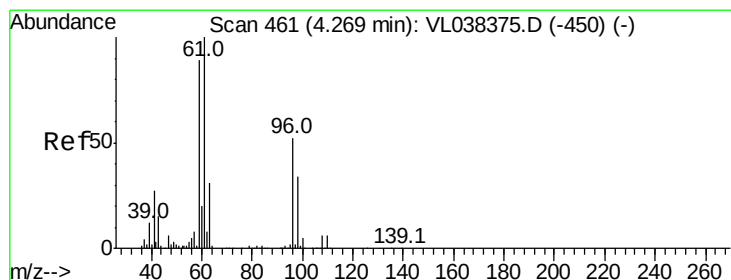
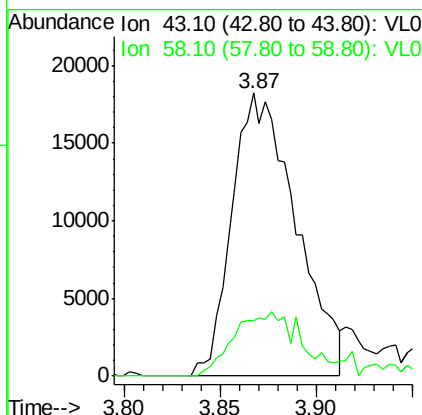
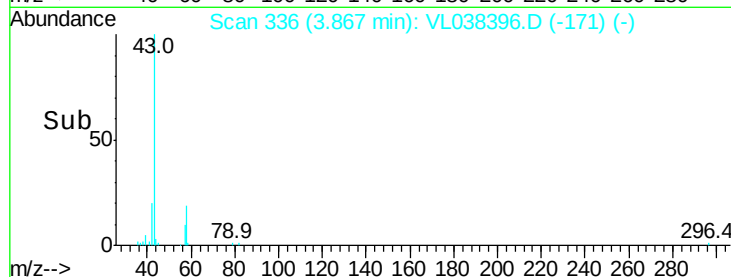
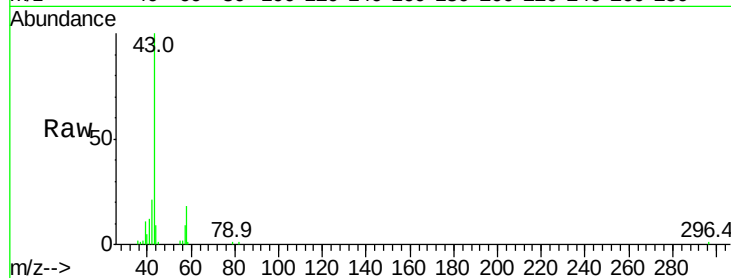


#15
Acetone
Concen: 0.53 ppbv m
RT: 3.87
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
MP-6DL
Acq: 22 Feb 2022 20:15

Tgt Ion:
Ion Ratio
43 100
58 0.

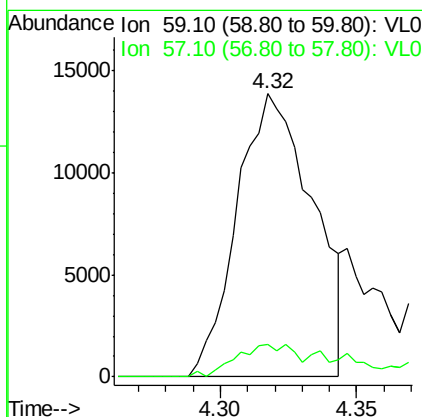
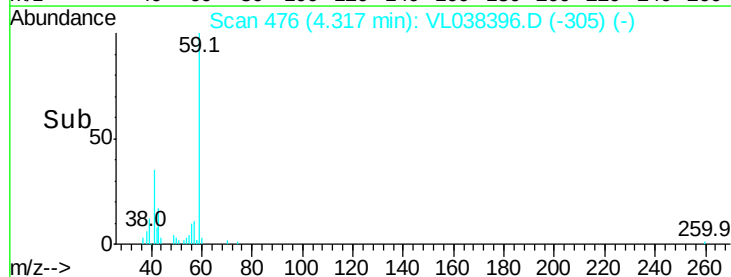
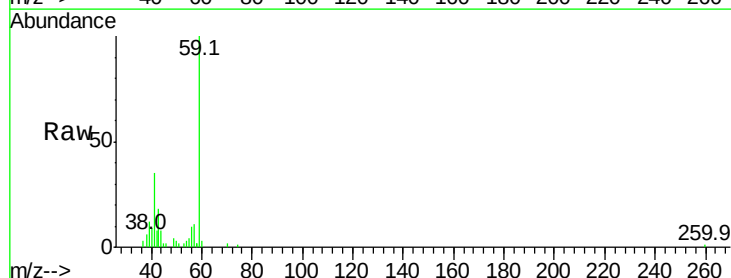
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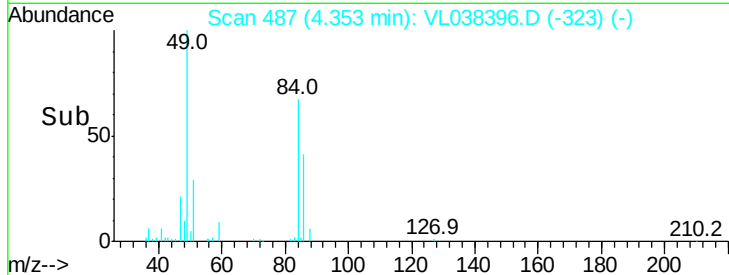
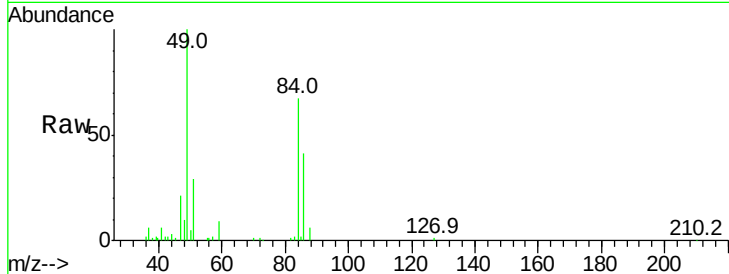
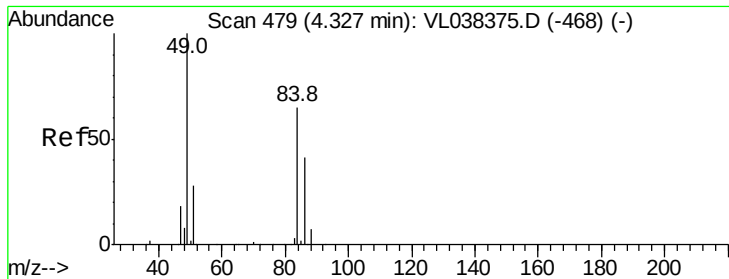
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#17
tert-Butyl alcohol
Concen: 0.34 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.05 min
Lab File: VL038396.D
Acq: 22 Feb 2022 20:15

Tgt Ion: 59 Resp: 26804
Ion Ratio Lower Upper
59 100
57 16.3 8.4 12.6#





#20

Methylene Chloride

Concen: 1.51 ppbv m

RT: 4.35

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId :

MP-6DL

Acq: 22 Feb 2022 20:15

Tgt Ion:

Ion Ratio

84	100
49	149.
51	42.
86	61.7

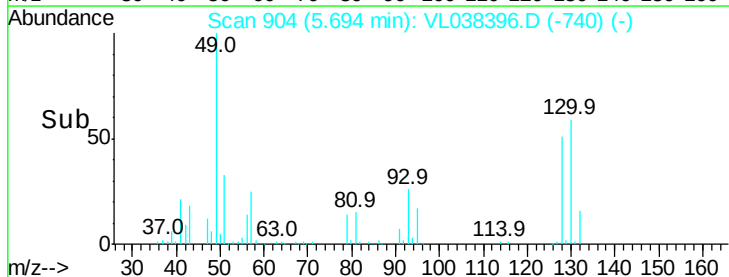
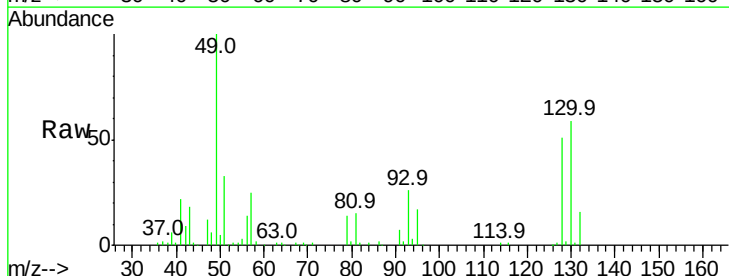
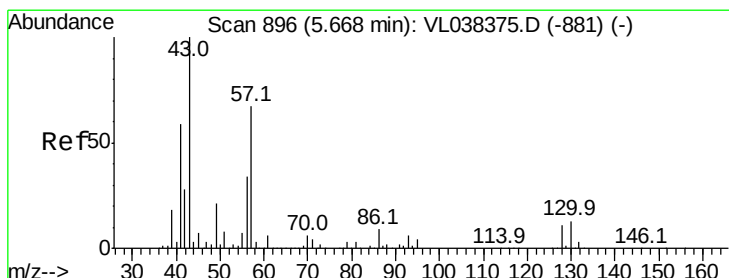
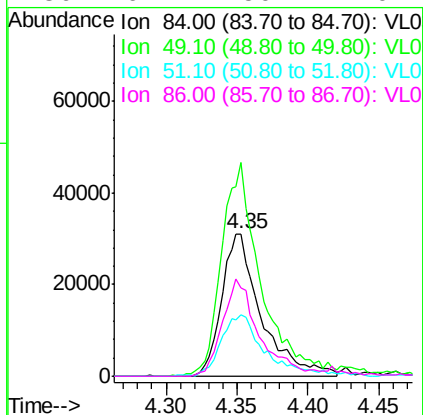
50.7 76.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Mahesh Dadoda 02/25/2022



#26

Hexane

Concen: 0.65 ppbv m

RT: 5.69 min Scan# 904

Delta R.T. 0.03 min

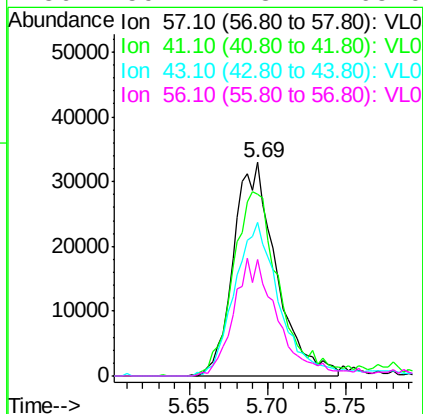
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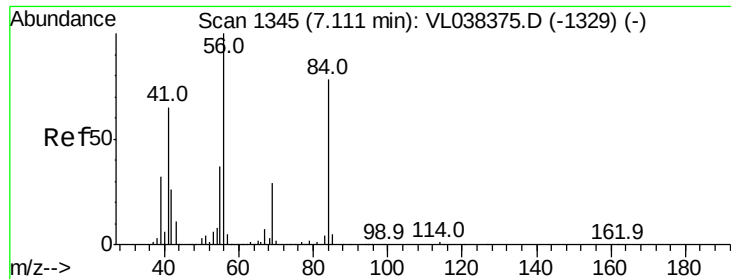
Acq: 22 Feb 2022 20:15

Tgt Ion: 57 Resp: 62925

Ion Ratio Lower Upper

57	100		
41	0.0	73.1	109.7#
43	0.0	181.0	271.4#
56	59.4	43.4	65.0



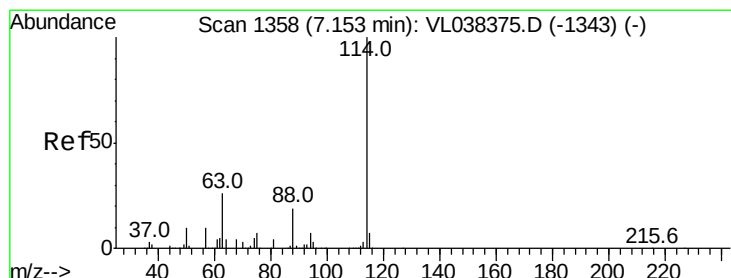
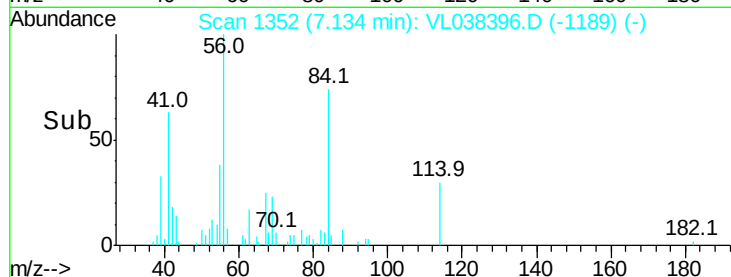
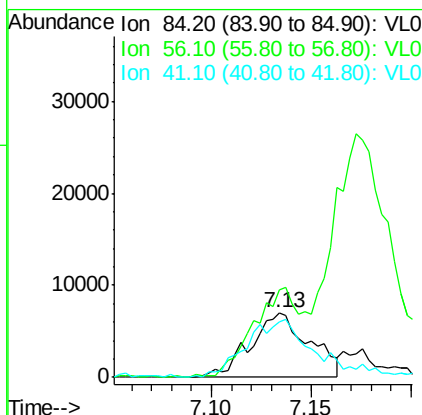
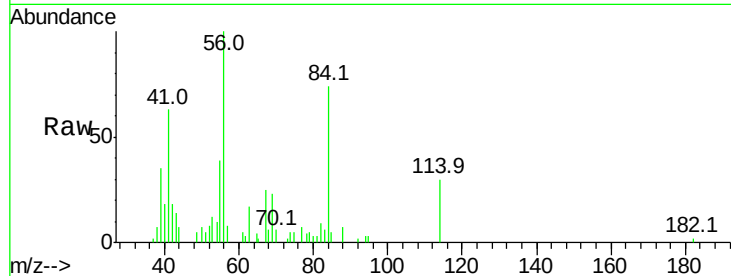


#30
Cyclohexane
Concen: 0.18 ppbv m
RT: 7.13
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
MP-6DL
Acq: 22 Feb 2022 20:15

Tgt Ion:
Ion Ratio
84 100
56 0.
41 107.

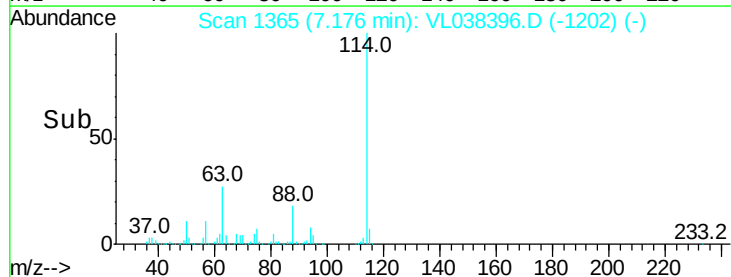
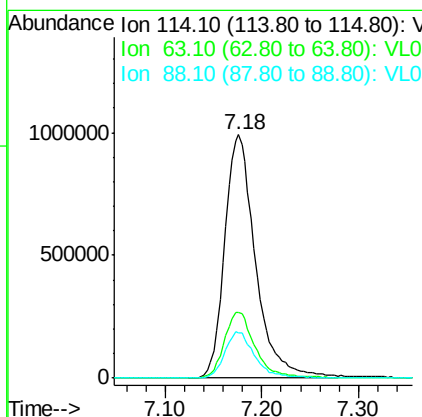
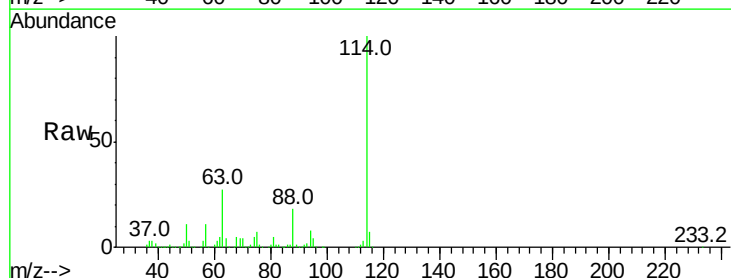
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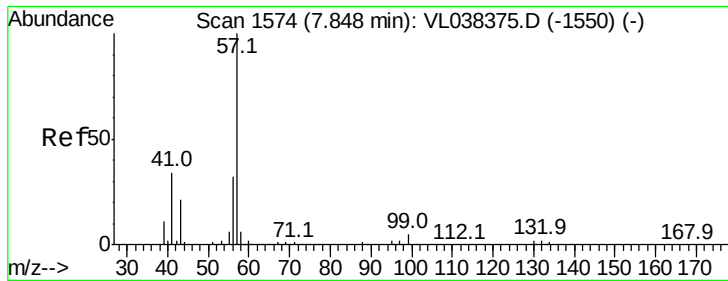
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.02 min
Lab File: VL038396.D
Acq: 22 Feb 2022 20:15

Tgt Ion:114 Resp: 2196336
Ion Ratio Lower Upper
114 100
63 27.5 22.2 33.2
88 18.9 15.2 22.8





#44

2,2,4-Trimethylpentane

Concen: 0.24 ppbv

RT: 7.87 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 22 Feb 2022 20:15 MP-6DL

Tgt Ion:

Ion Ratio

57 100

41 50.

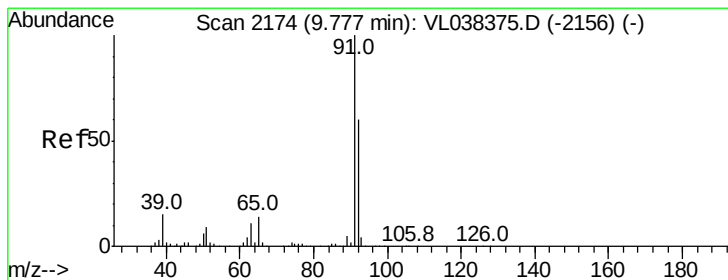
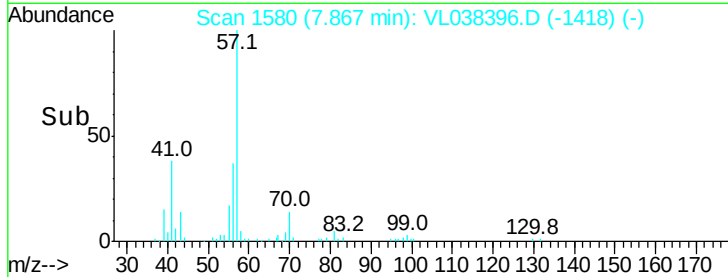
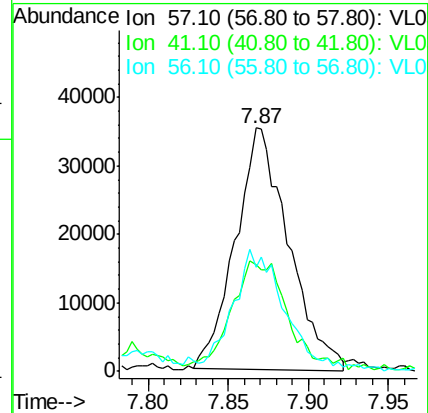
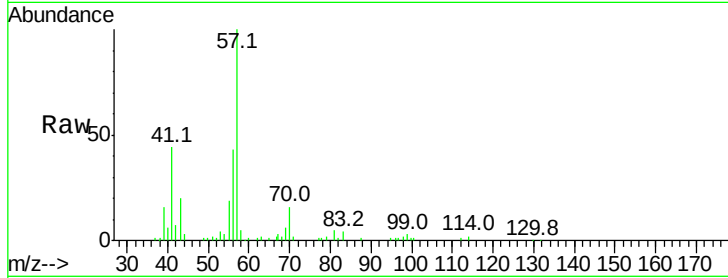
56 52.

Manual Integrations

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#53

Toluene

Concen: 0.16 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. 0.03 min

Lab File: VL038396.D

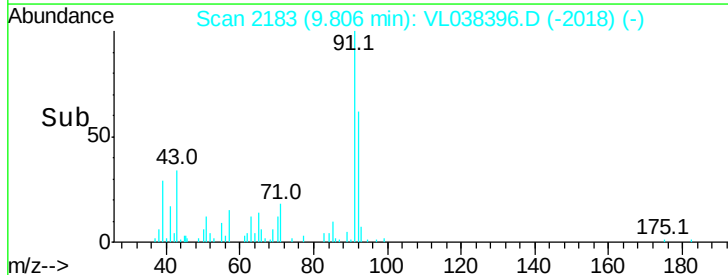
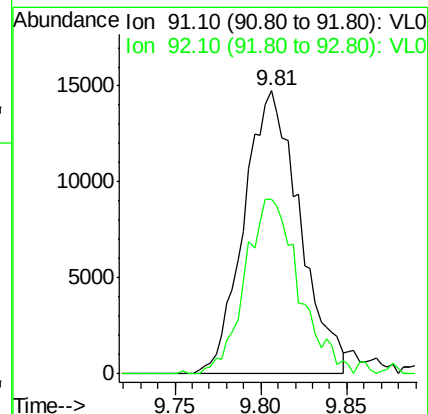
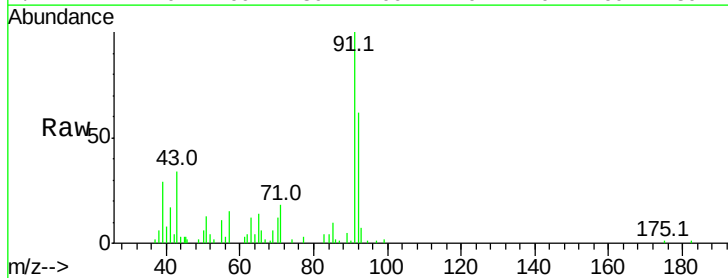
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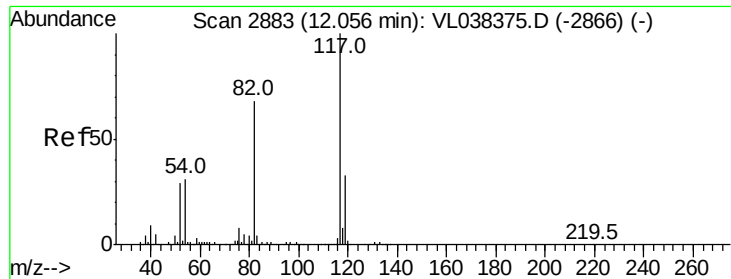
Tgt Ion: 91 Resp: 33171

Ion Ratio Lower Upper

91 100

92 61.3 48.2 72.4



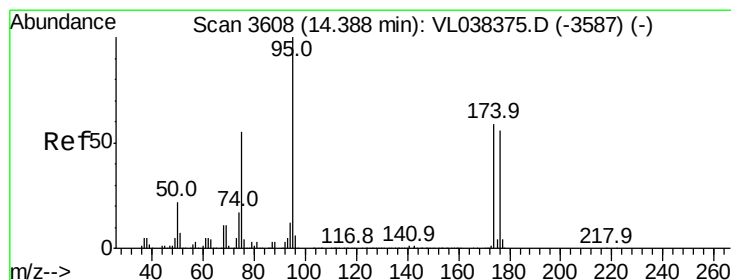
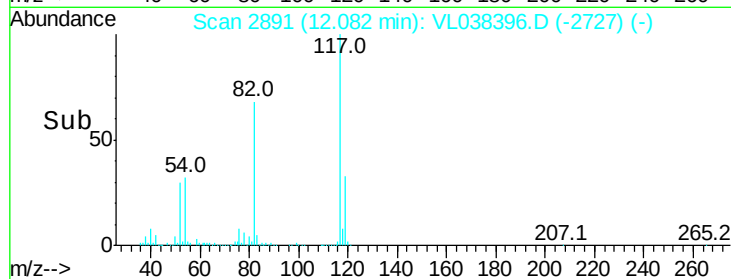
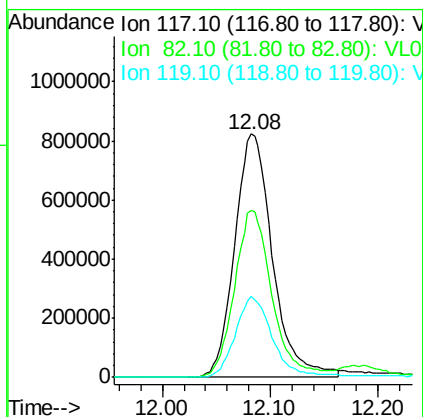
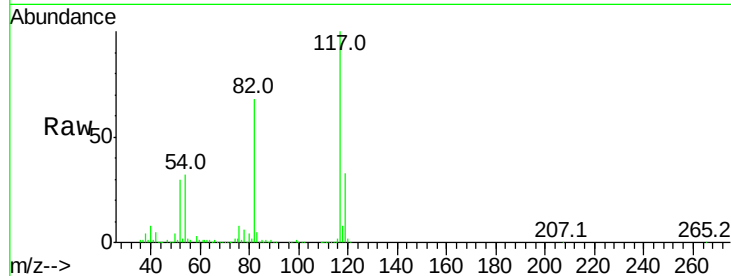


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
MP-6DL
Acq: 22 Feb 2022 20:15

Tgt Ion: 117.10
Ion Ratio: 100
117 100
82 67.1
119 33.3

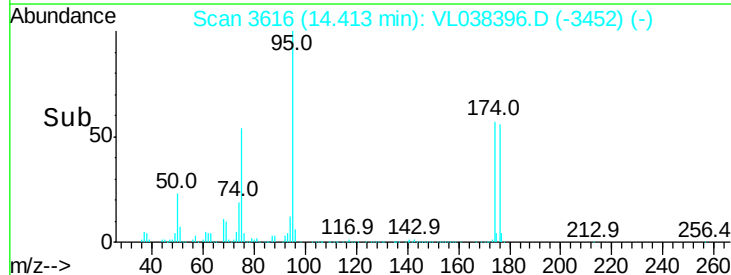
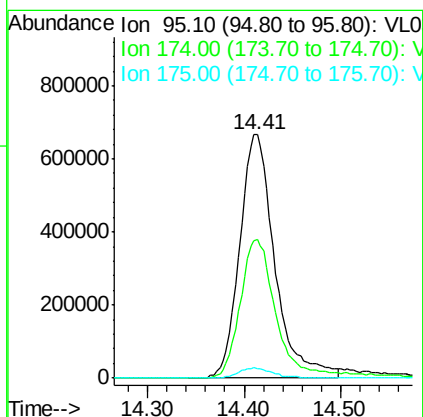
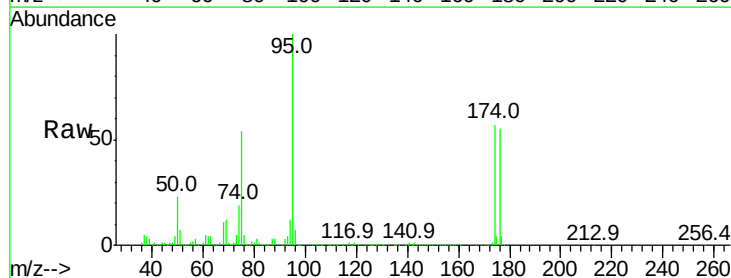
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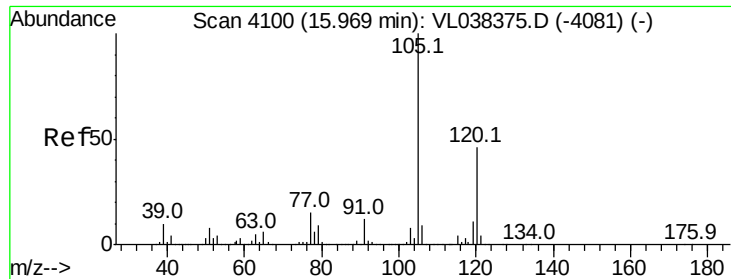
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Supervised By : Mahesh Dadoda 02/25/2022



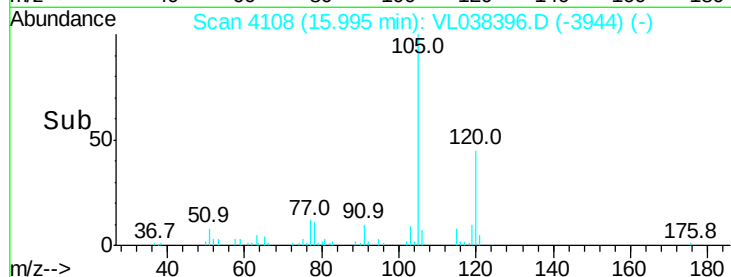
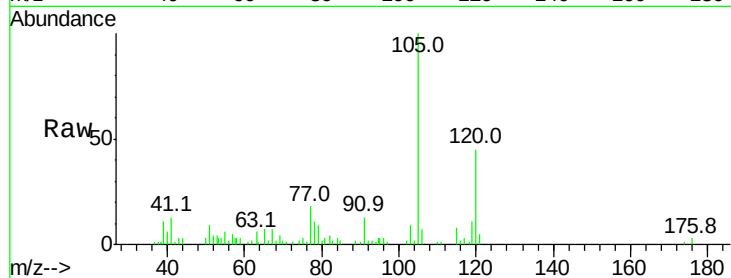
#68
1-Bromo-4-Fluorobenzene
Concen: 10.08 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: 0.03 min
Lab File: VL038396.D
Acq: 22 Feb 2022 20:15

Tgt Ion: 95 Resp: 1680431
Ion Ratio Lower Upper
95 100
174 60.7 49.0 73.4
175 4.4 3.6 5.4





#73
 1,3,5-Trimethylbenzene
 Concen: 0.22 ppbv m
 RT: 16.00
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 22 Feb 2022 20:15



Tgt Ion: 1
 Ion Ratio
 105 100
 120 45.

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