

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036808.D
 Acq On : 13 Apr 2021 18:15
 Operator : SY/AP
 Sample : M2018-01DLDP 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG1DLDP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 09:22:21 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1364170	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3375426	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2663924	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1858225	8.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	52117m	0.641	ppbv	
10) Heptane	8.12	43	150355	0.726	ppbv	91
13) Ethanol	3.62	45	64029m	6.617	ppbv	
15) Acetone	3.85	43	1579362	11.763	ppbv	95
19) Isopropyl Alcohol	3.99	45	70571m	0.955	ppbv	
20) Methylene Chloride	4.34	84	335906	5.343	ppbv	95
26) Hexane	5.68	57	213106	1.439	ppbv #	46
27) Carbon Disulfide	4.55	76	35993m	0.247	ppbv	
30) Cyclohexane	7.16	84	23907m	0.199	ppbv	
53) Toluene	9.81	91	136938	0.413	ppbv	96
59) m/p-Xylene	12.98	91	76375m	0.226	ppbv	
62) Isopropylbenzene	14.67	105	400338	0.910	ppbv	99

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

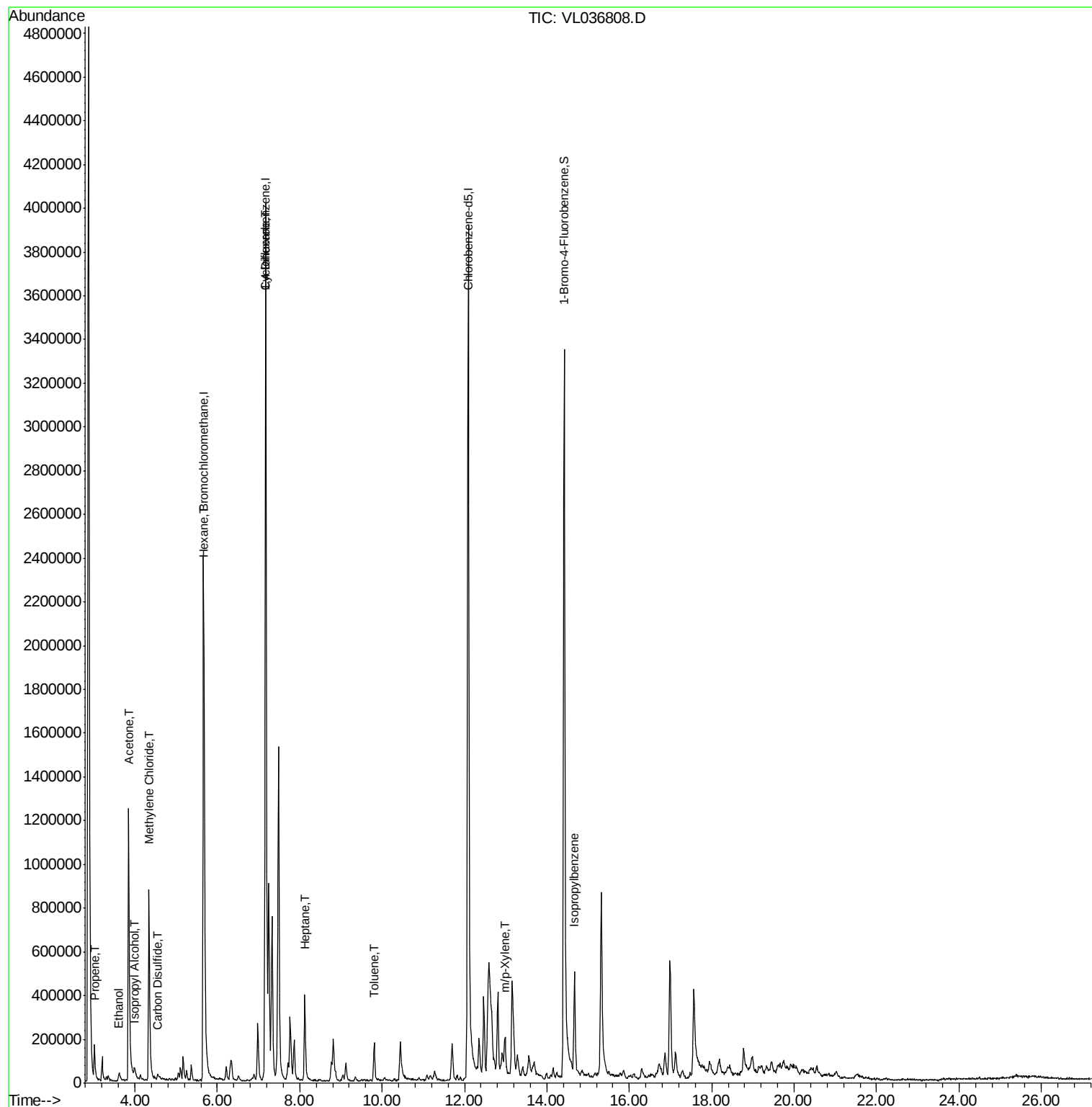
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
Data File : VL036808.D
Acq On : 13 Apr 2021 18:15
Operator : SY/AP
Sample : M2018-01DLUP 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

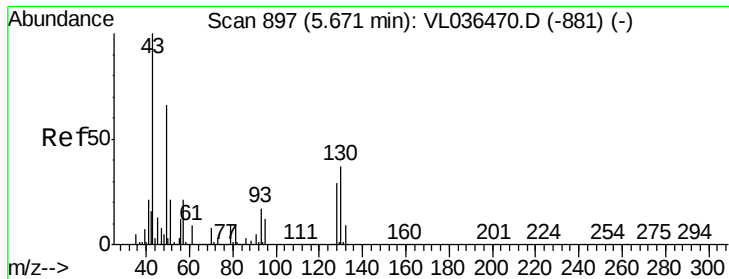
Instrument :
MSVOA_L
ClientSampleId :
SG1DLUP

Quant Time: Apr 14 09:22:21 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 04/14/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SG1DLDP

Acq: 13 Apr 2021 18:15

Tot Ion:

Ion Ratio

49 100

128 47.

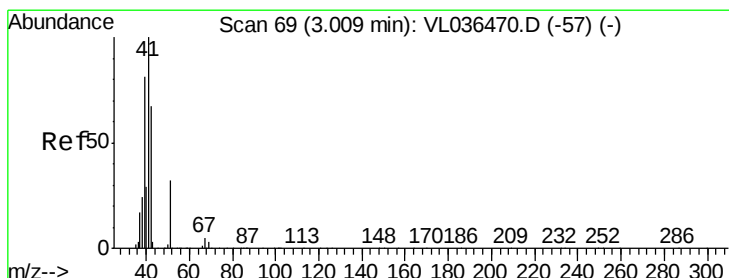
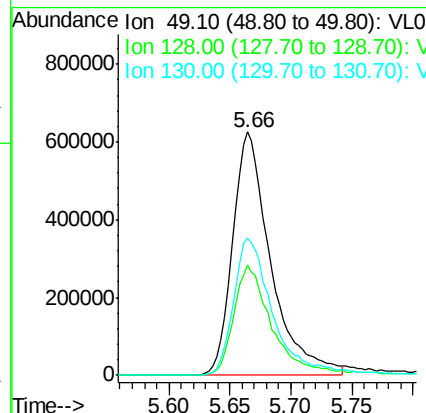
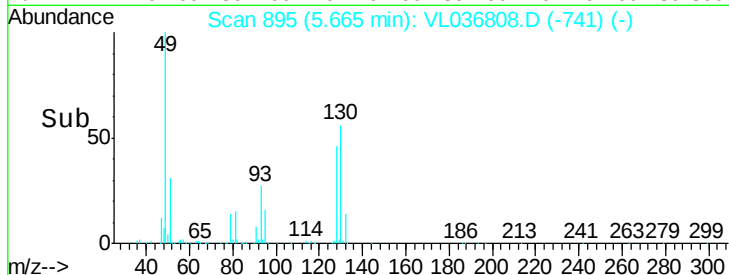
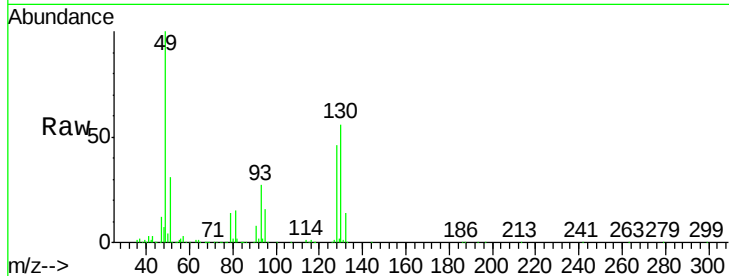
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#9

Propene

Concen: 0.641 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036808.D

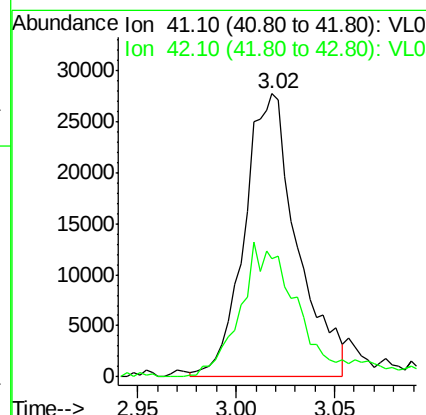
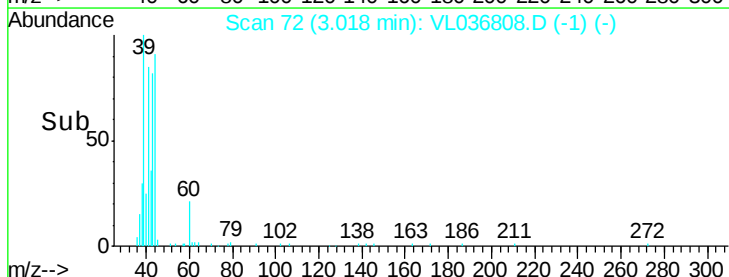
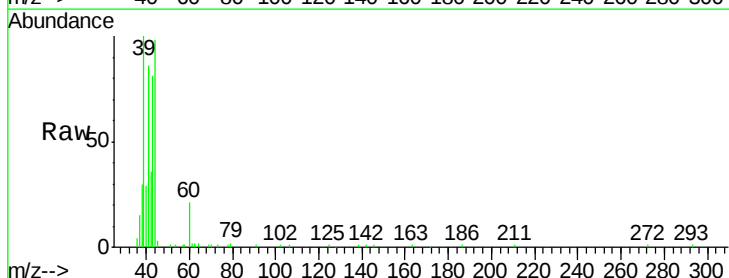
Acq: 13 Apr 2021 18:15

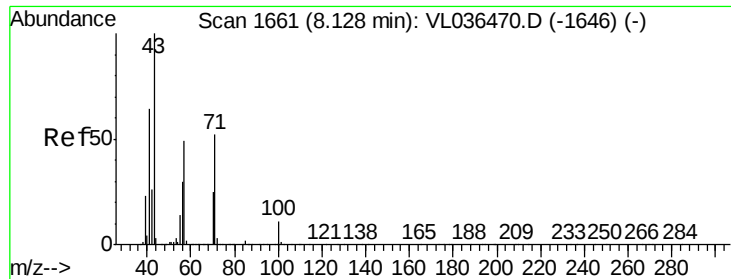
Tgt Ion: 41 Resp: 52117

Ion Ratio Lower Upper

41 100

42 54.6 57.0 85.4#

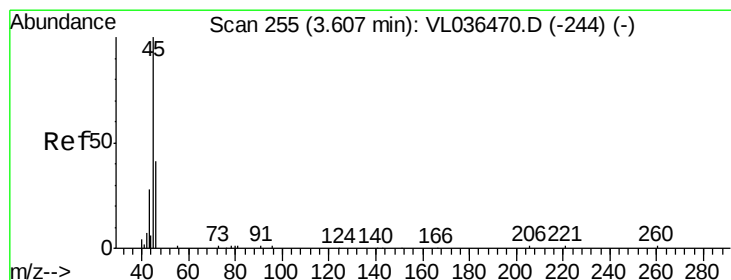
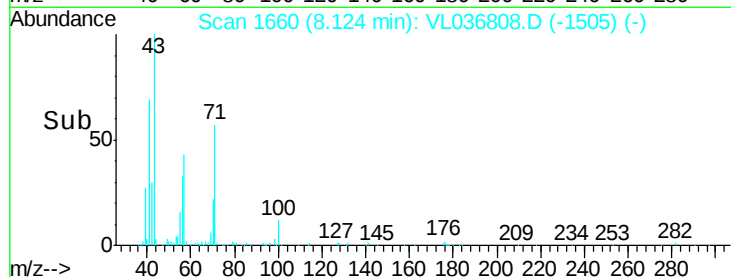
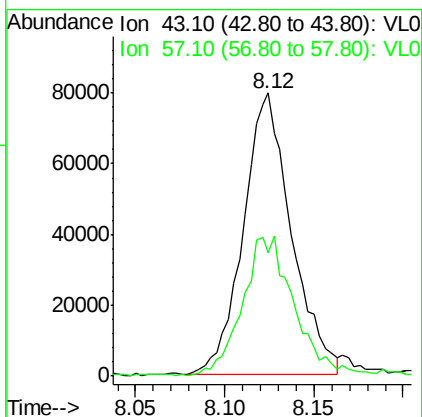
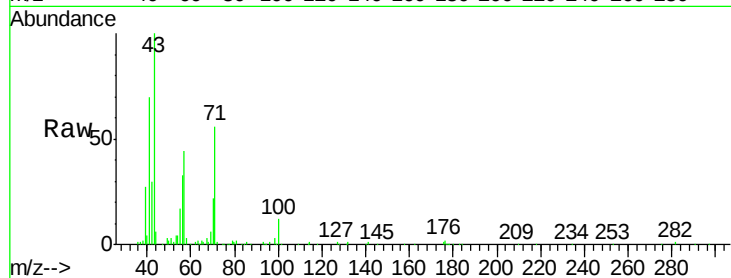




#10
Heptane
Concen: 0.726 ppbv
RT: 8.12
Delta R.T.: 0.01 min
Lab File: SG1DLDP
Acq: 13 Apr 2021 18:15

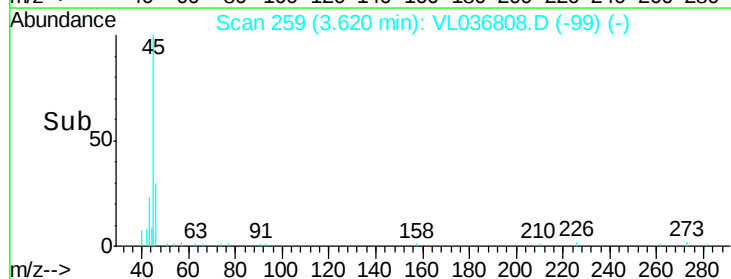
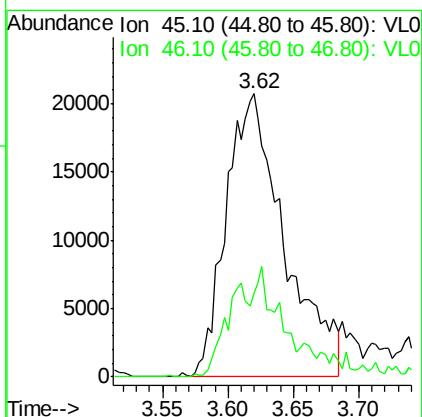
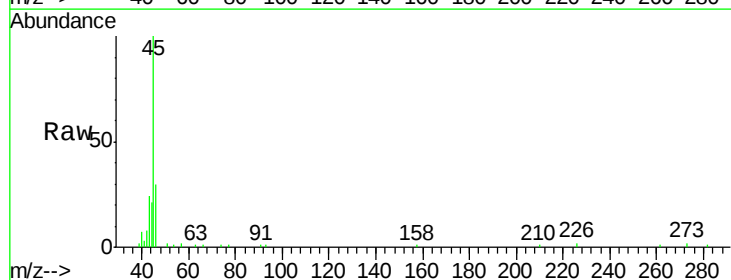
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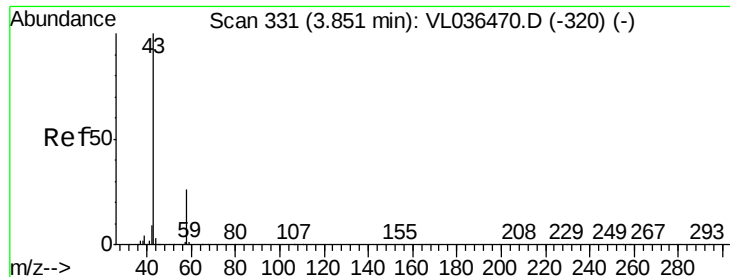
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#13
Ethanol
Concen: 6.617 ppbv m
RT: 3.62 min Scan# 259
Delta R.T.: 0.01 min
Lab File: VL036808.D
Acq: 13 Apr 2021 18:15

Tgt Ion: 45 Resp: 64029
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#





#15

Acetone

Concen: 11.763 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 18:15 SG1DLDP

Tot Ion:

Ion Ratio

43 100

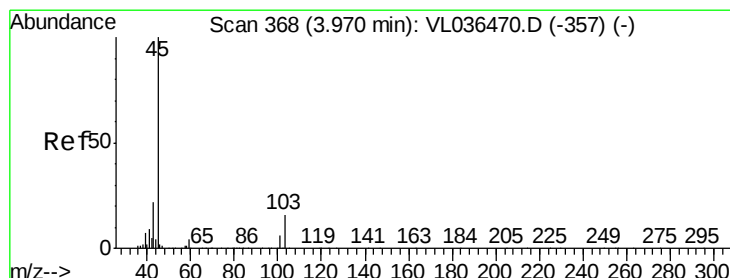
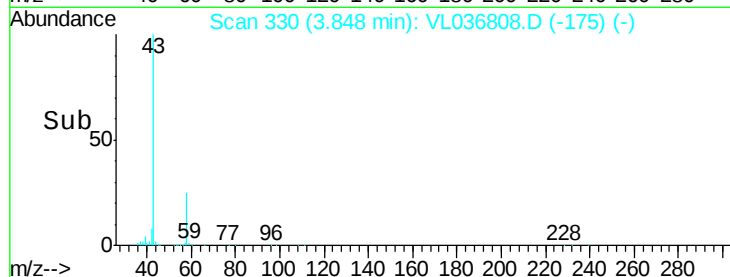
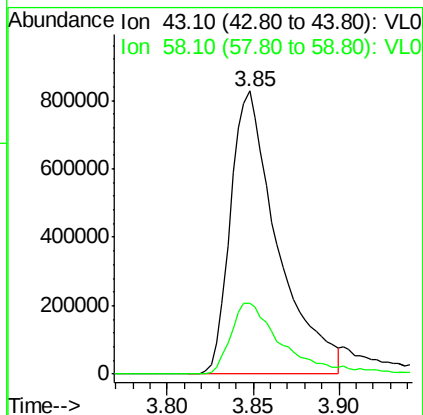
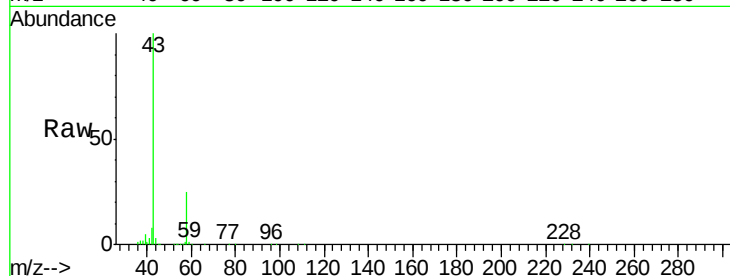
58 29.

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Supervised By :Mahesh Dadoda 04/14/2021



#19

Isopropyl Alcohol

Concen: 0.955 ppbv m

RT: 3.99 min Scan# 373

Delta R.T. 0.02 min

Lab File: VL036808.D

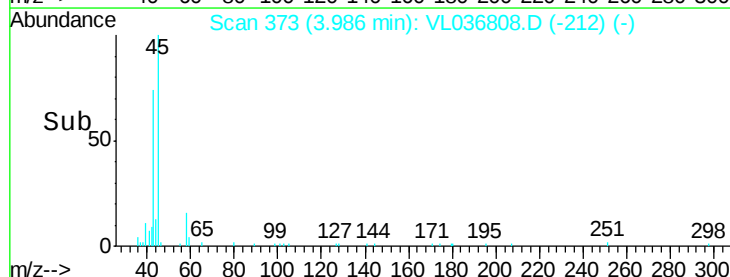
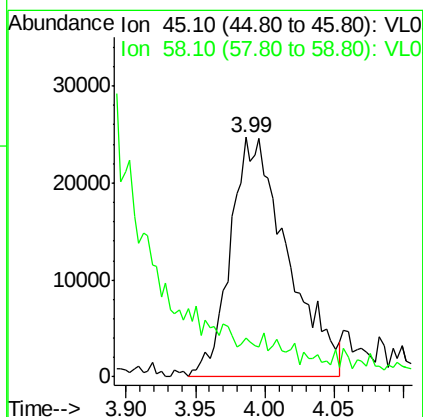
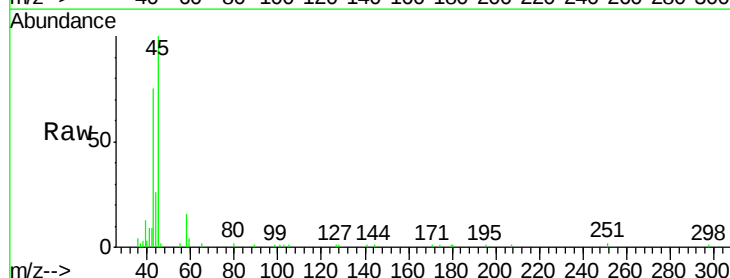
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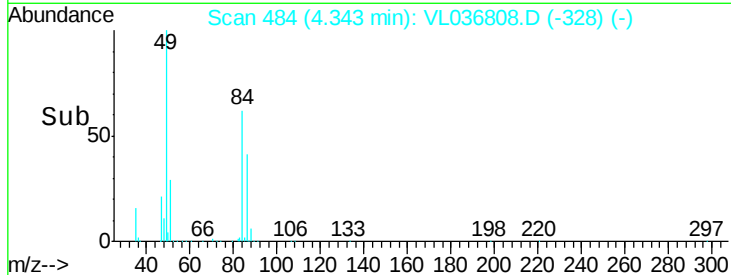
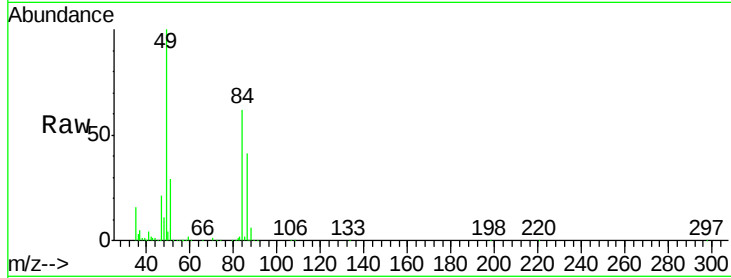
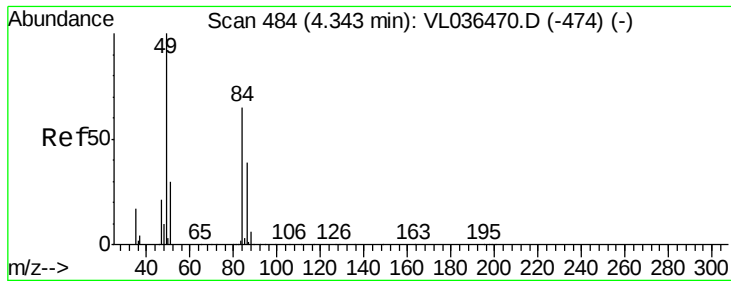
Tgt Ion: 45 Resp: 70571

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#



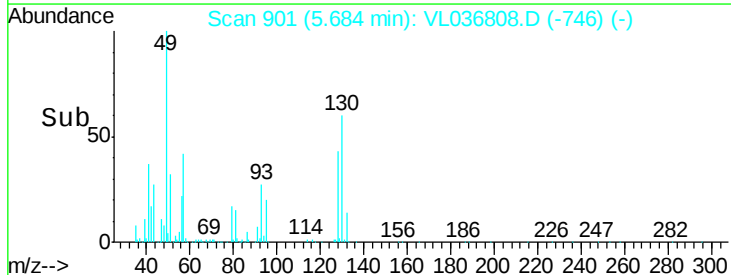
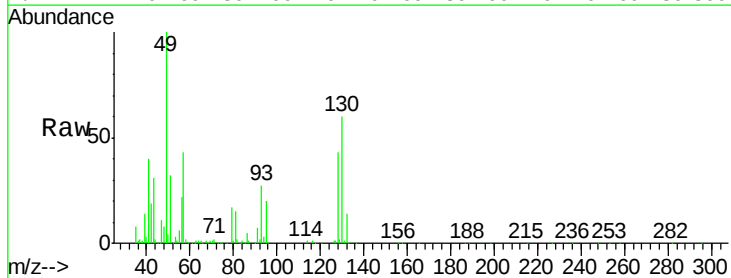
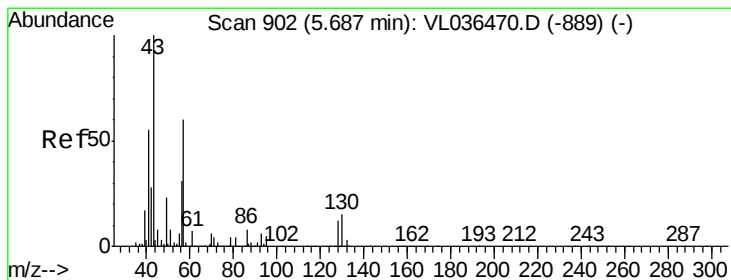
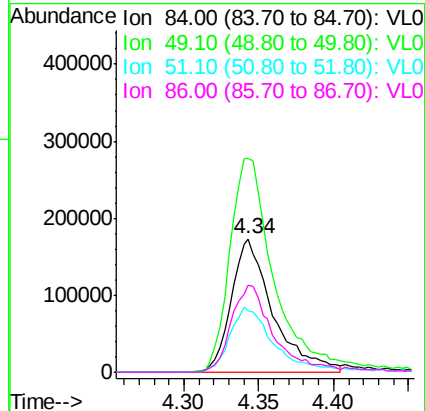


#20
Methvlene Chloride
Concen: 5.343 ppbv
RT: 4.34
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 13 Apr 2021 18:15

Tot Ion:
Ion Ratio
84 100
49 160.
51 46.
86 65.6 48.2 72.4

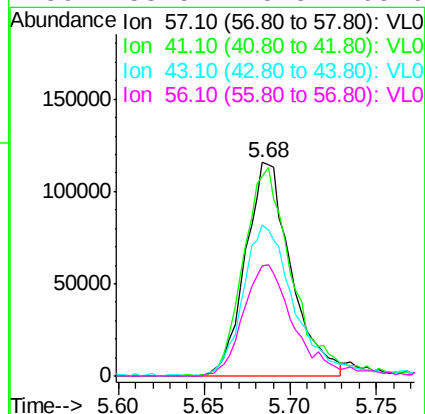
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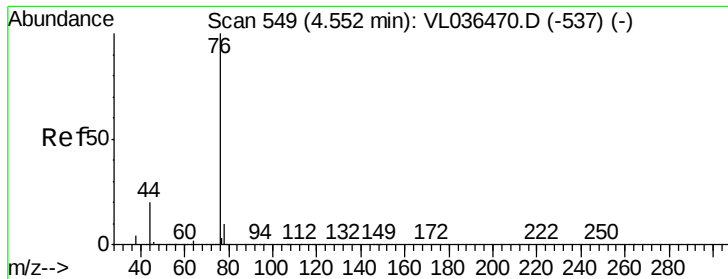
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#26
Hexane
Concen: 1.439 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036808.D
Acq: 13 Apr 2021 18:15

Tgt Ion: 57 Resp: 213106
Ion Ratio Lower Upper
57 100
41 107.6 77.2 115.8
43 80.5 173.8 260.6#
56 58.5 43.8 65.6





#27

Carbon Disulfide

Concen: 0.247 ppbv m

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.03 min

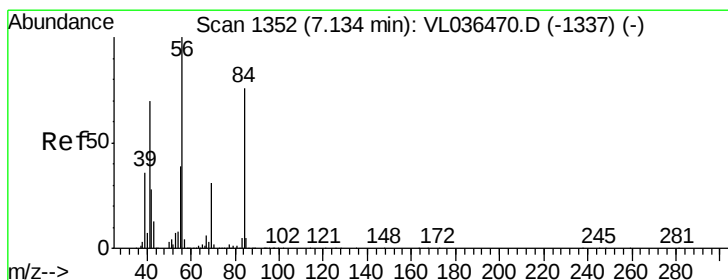
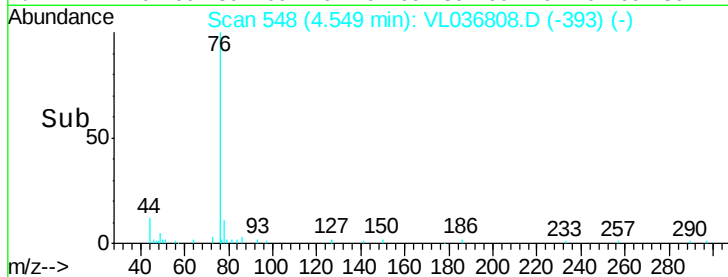
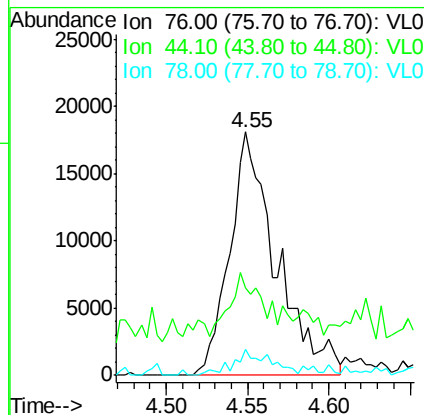
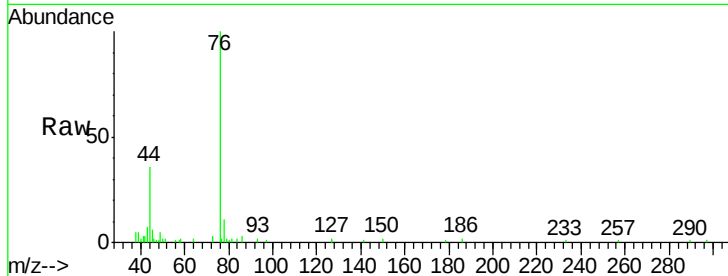
Lab File: ClientSampleId: SG1DLDP

Acq: 13 Apr 2021 18:15

Tot Ion:
Ion Ratio
76 100
44 25.
78 10.

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Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#30

Cyclohexane

Concen: 0.199 ppbv m

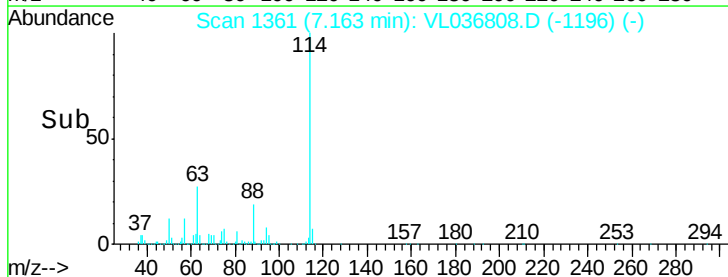
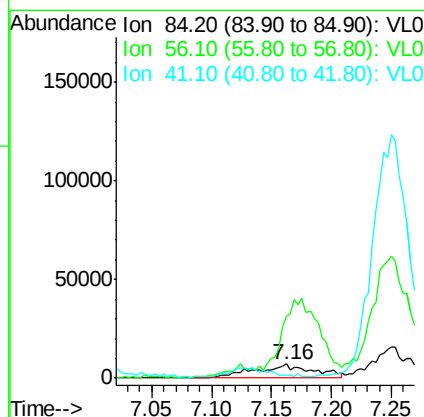
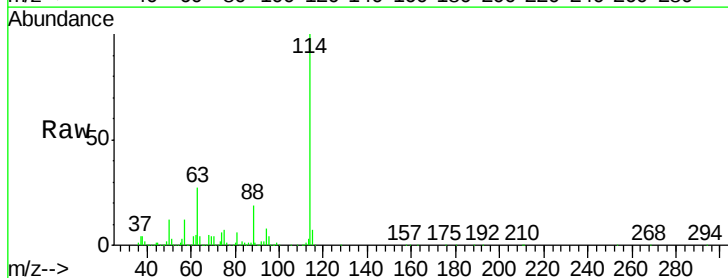
RT: 7.16 min Scan# 1361

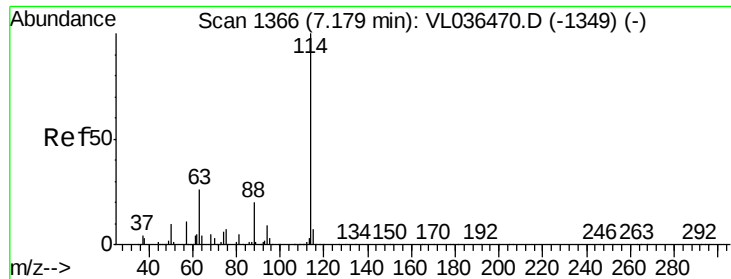
Delta R.T. 0.03 min

Lab File: VL036808.D

Acq: 13 Apr 2021 18:15

Tgt Ion: 84 Resp: 23907
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#



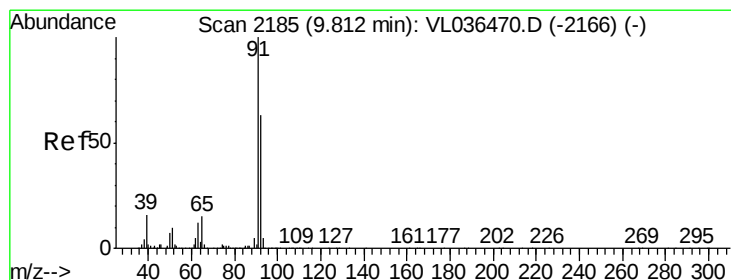
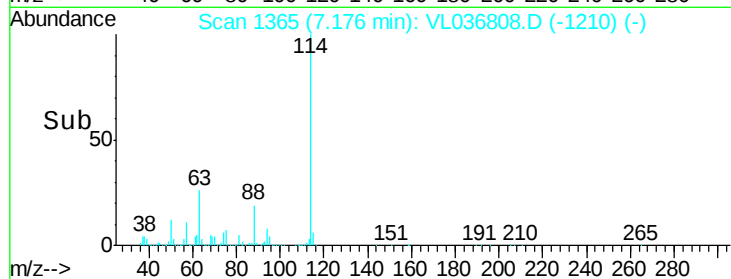
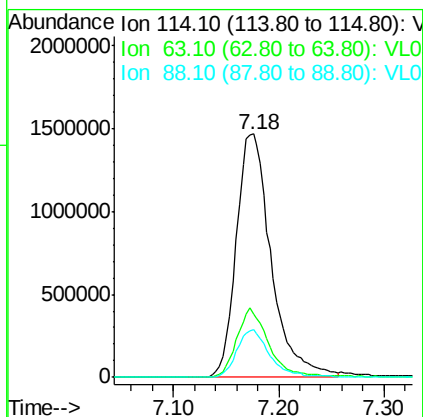
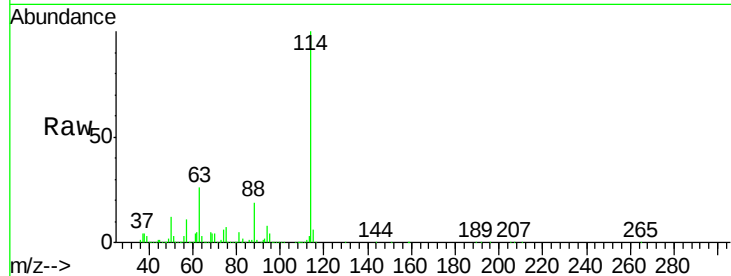


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : SG1DLDP
 Acq: 13 Apr 2021 18:15

Tot Ion: 1
 Ion Ratio
 114 100
 63 26.
 88 18.

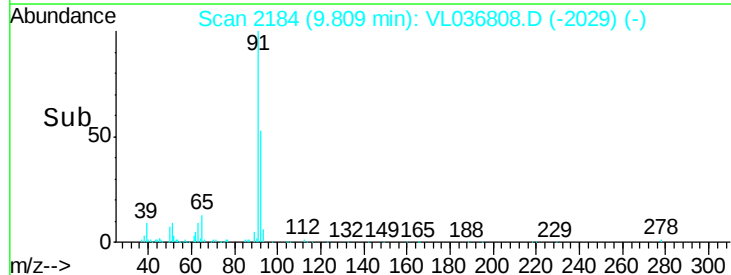
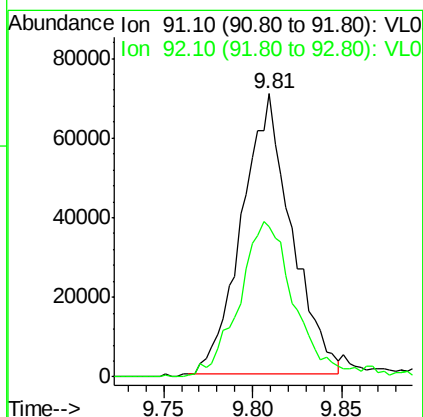
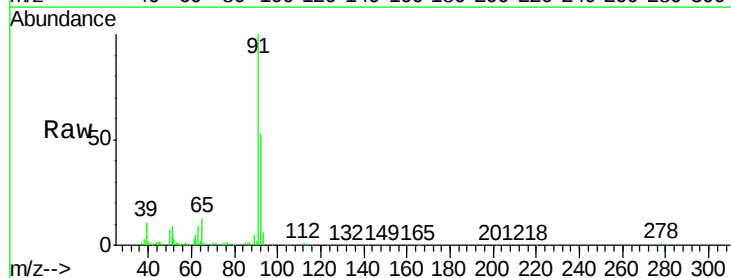
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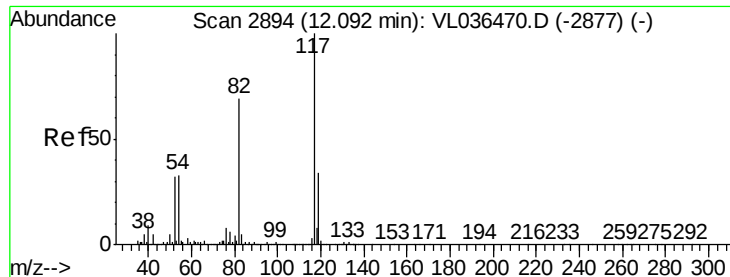
Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021



#53
 Toluene
 Concen: 0.413 ppbv
 RT: 9.81 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: VL036808.D
 Acq: 13 Apr 2021 18:15

Tgt Ion: 91 Resp: 136938
 Ion Ratio Lower Upper
 91 100
 92 64.0 48.8 73.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 18:15

Tot Ion:1

Ion Rati

117 100

82 68.

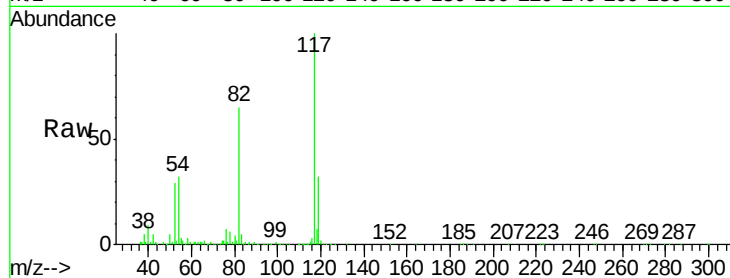
119 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

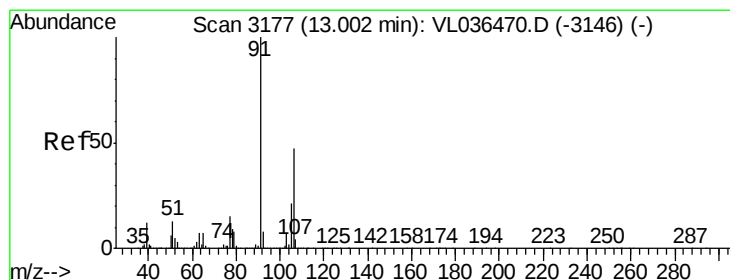
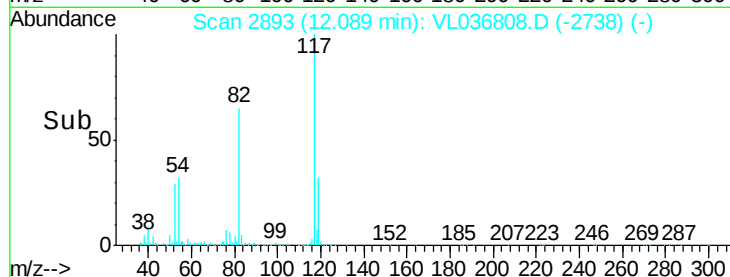
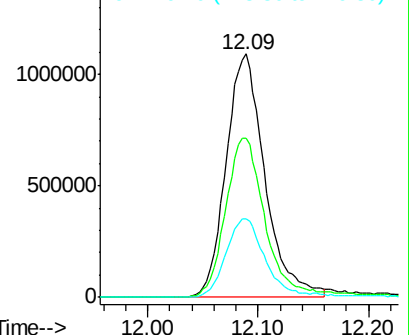
Supervised By :Mahesh Dadoda 04/14/2021



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#59

m/p-Xylene

Concen: 0.226 ppbv m

RT: 12.98 min Scan# 3169

Delta R.T. -0.03 min

Lab File: VL036808.D

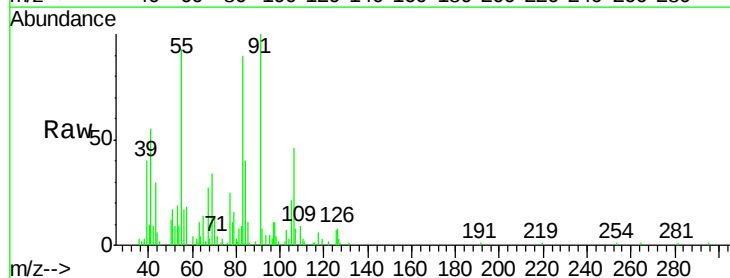
Acq: 13 Apr 2021 18:15

Tgt Ion: 91 Resp: 76375

Ion Ratio Lower Upper

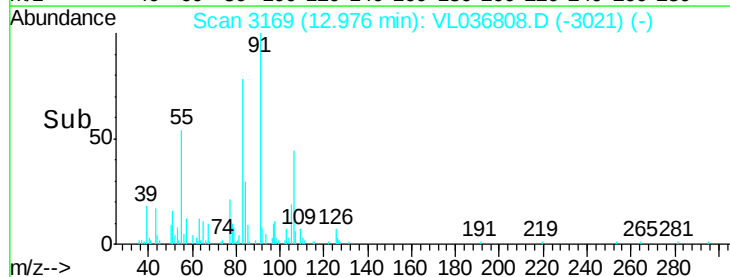
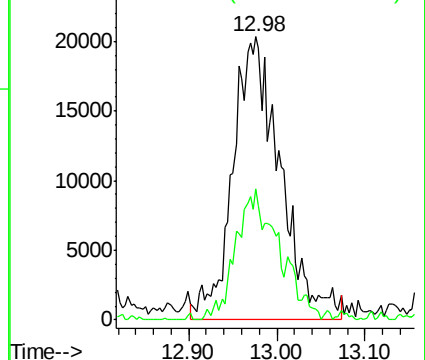
91 100

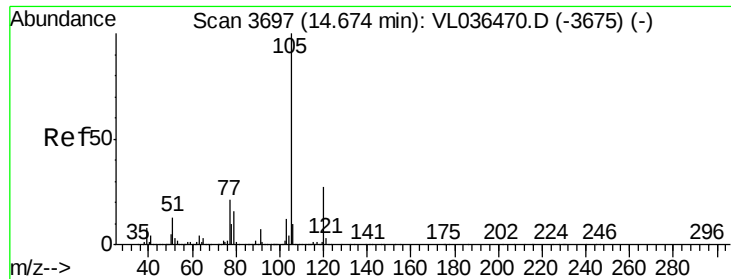
106 0.0 35.3 52.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#62

Isopropylbenzene

Concen: 0.910 ppbv

RT: 14.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 13 Apr 2021 18:15

Tot Ion:1

Ion Rati

105 100

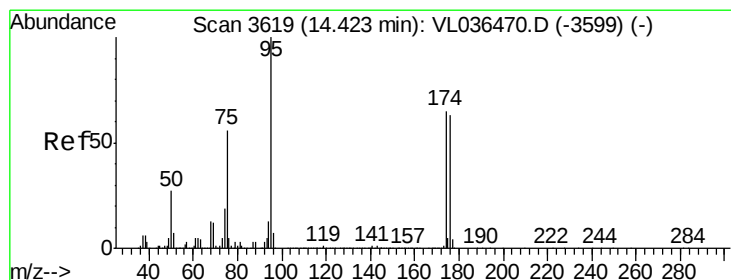
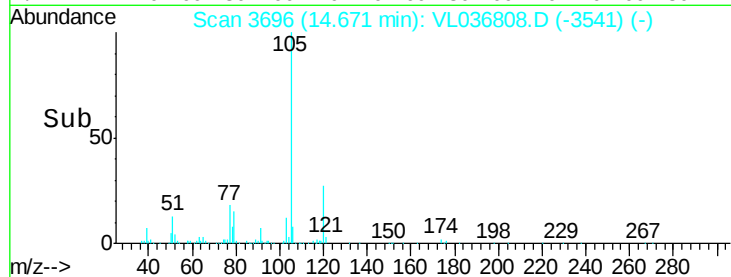
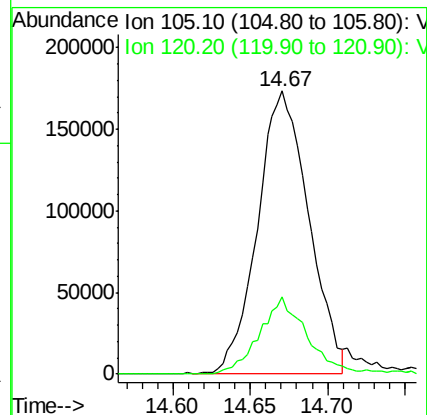
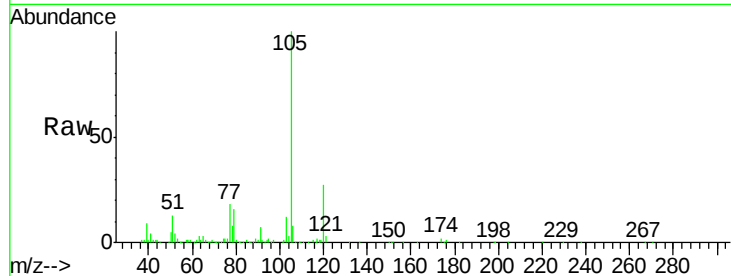
120 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 8.752 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036808.D

Acq: 13 Apr 2021 18:15

Tgt Ion: 95 Resp: 1858225

Ion Ratio Lower Upper

95 100

174 66.4 51.0 76.6

175 5.0 3.9 5.9

