

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036488.D
 Acq On : 25 Mar 2021 16:12
 Operator : SY/AP
 Sample : M1801-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/26/2021
 Supervised By : Mahesh Dadoda 03/29/2021

Quant Time: Mar 28 23:25:11 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	1480481	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3636101	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3303348	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2640214	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	30171m	0.342	ppbv	
10) Heptane	8.12	43	44938	0.200	ppbv #	84
13) Ethanol	3.61	45	35739m	3.403	ppbv	
15) Acetone	3.85	43	337240	2.314	ppbv #	83
52) Tetrachloroethene	11.22	164	77861m	0.631	ppbv	
53) Toluene	9.81	91	222147m	0.622	ppbv	
58) Ethyl Benzene	12.71	91	287259	0.598	ppbv	98
59) m/p-Xylene	12.97	91	618873	1.476	ppbv	93
60) o-Xylene	13.69	91	278171	0.686	ppbv	100
62) Isopropylbenzene	14.66	105	113904m	0.209	ppbv	
64) n-propylbenzene	15.56	120	59561m	0.446	ppbv	
67) sec-Butylbenzene	17.30	105	123503m	0.185	ppbv	
72) 4-Ethyltoluene	15.84	105	190239m	0.428	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	149437	0.361	ppbv	92
74) 1,2,4-Trimethylbenzene	16.76	105	365800m	0.825	ppbv	

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

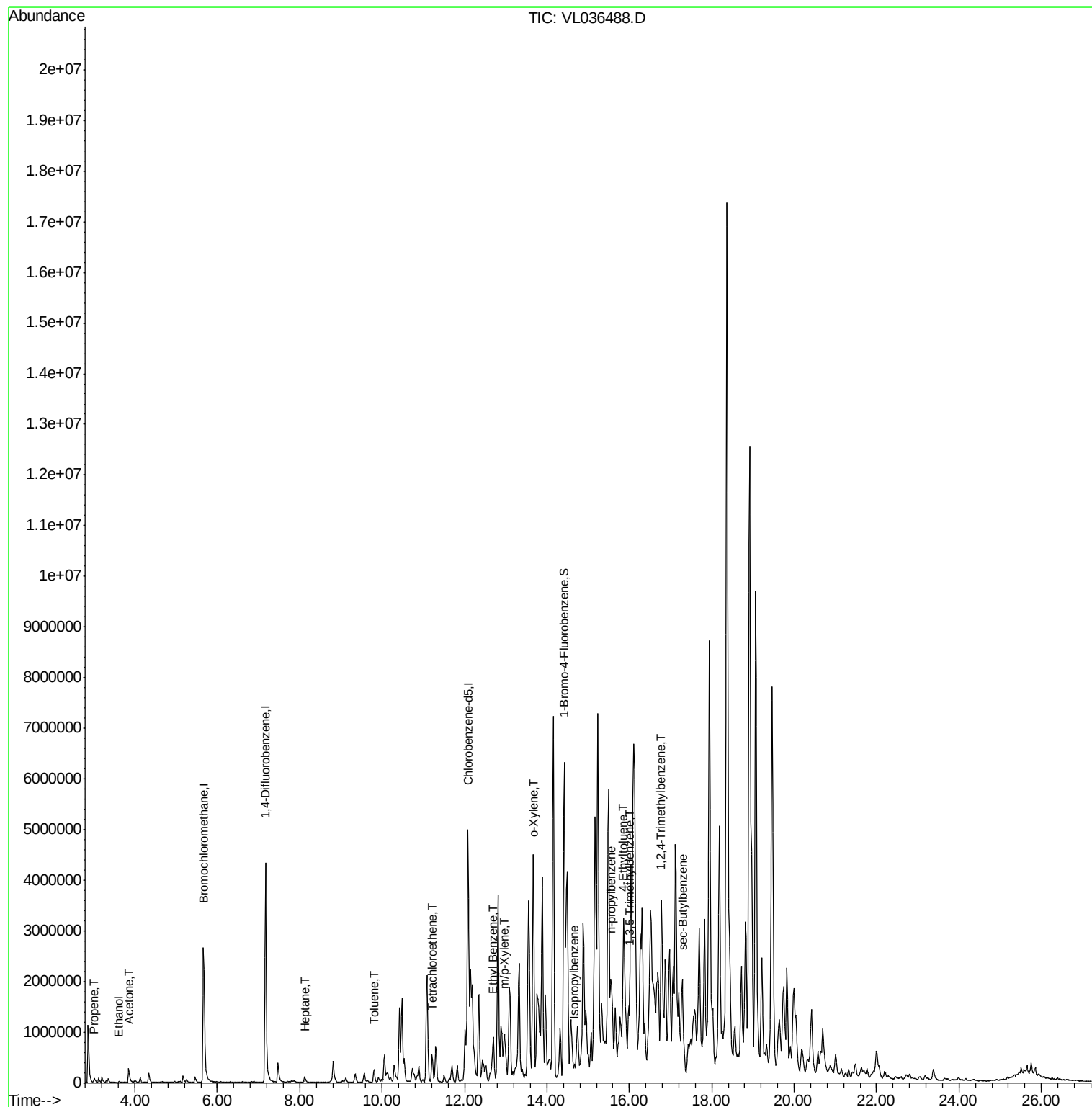
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
Data File : VL036488.D
Acq On : 25 Mar 2021 16:12
Operator : SY/AP
Sample : M1801-03DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Manual Integrations
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Quant Time: Mar 28 23:25:11 2021
Quant Method : Z:\V0ASRV\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

Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: SV1DL

Acq: 25 Mar 2021 16:12

Tot Ion:

Ion Ratio

49 100

128 47.

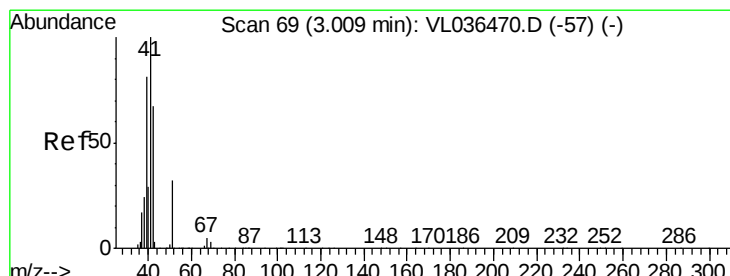
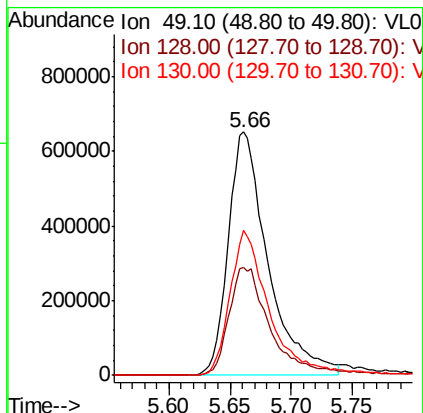
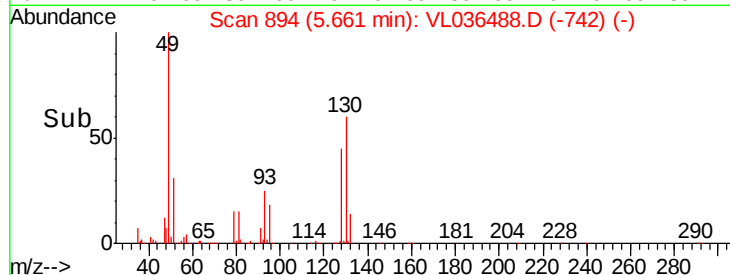
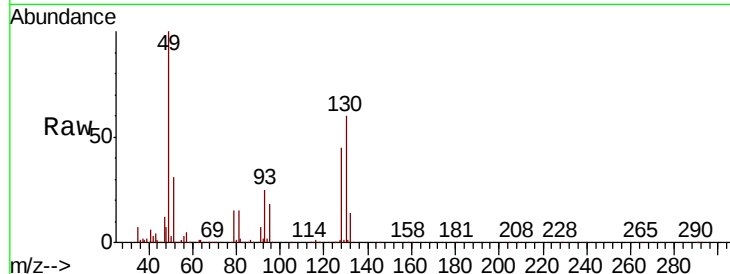
130 60.

Manual Integrations

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#9

Propene

Concen: 0.342 ppbv m

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL036488.D

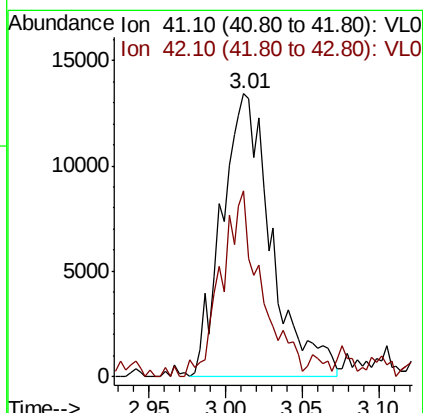
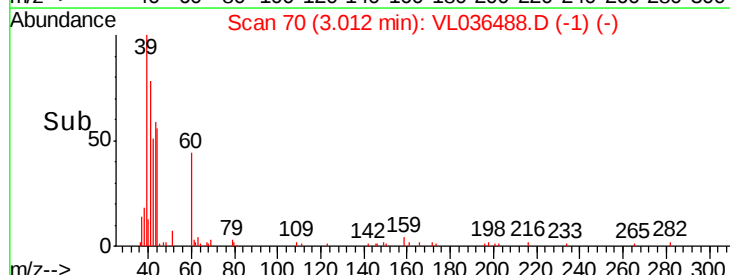
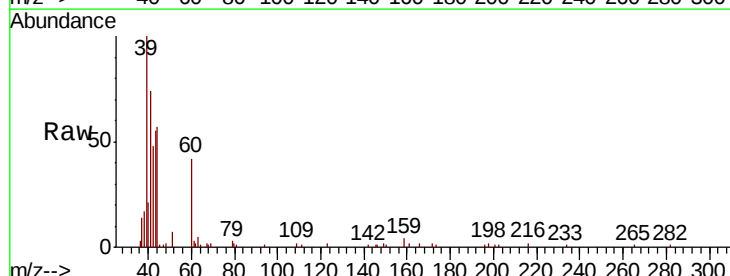
Acq: 25 Mar 2021 16:12

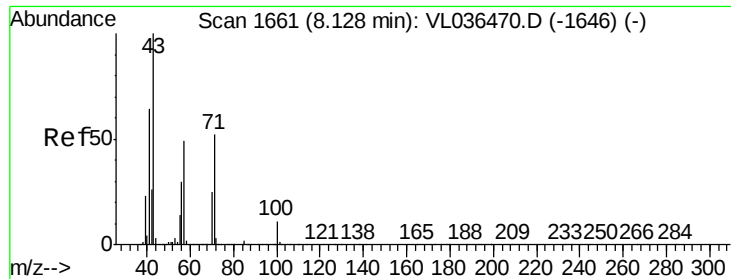
Tgt Ion: 41 Resp: 30171

Ion Ratio Lower Upper

41 100

42 55.1 57.0 85.4#



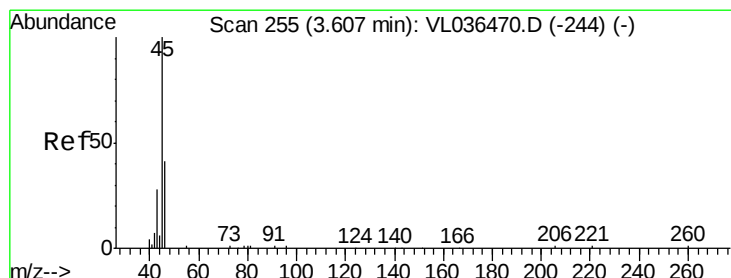
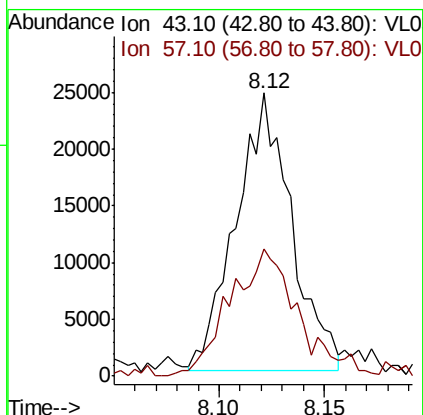
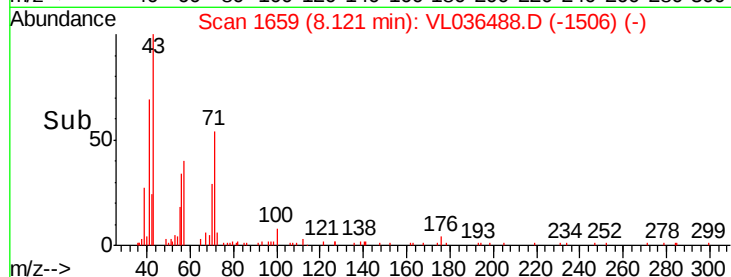
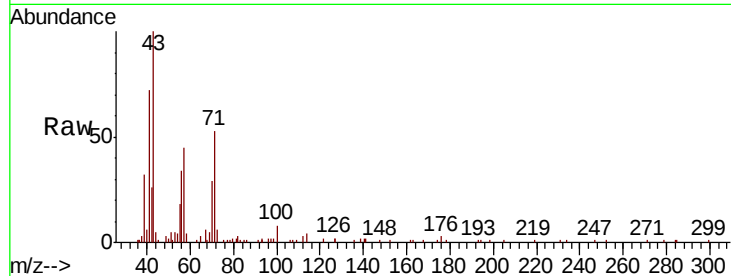


#10
Heptane
Concen: 0.200 ppbv
RT: 8.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 16:12

Tot Ion:
Ion Ratio
43 100
57 59.

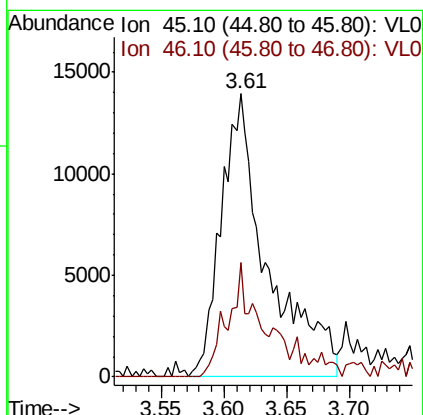
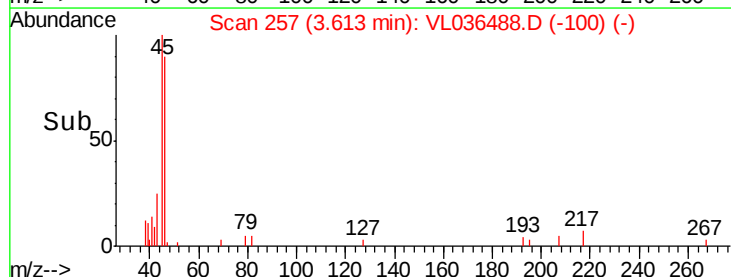
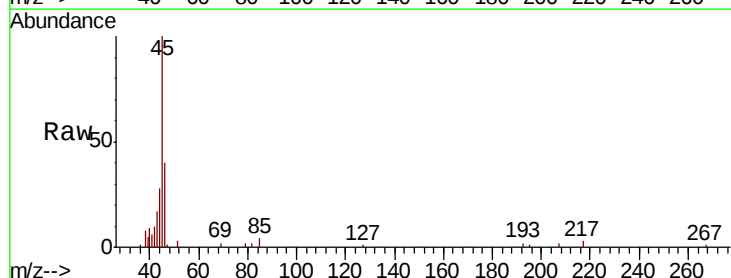
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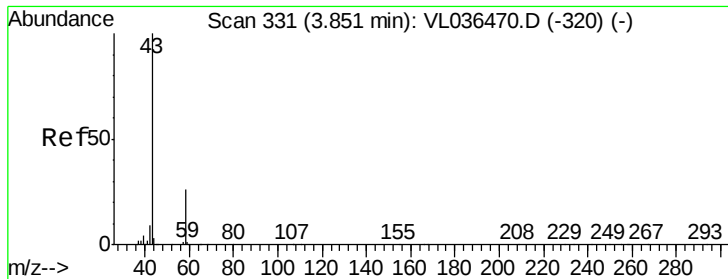
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#13
Ethanol
Concen: 3.403 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. 0.01 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

Tgt Ion: 45 Resp: 35739
Ion Ratio Lower Upper
45 100
46 34.5 16.6 66.2





#15

Acetone

Concen: 2.314 ppbv

RT: 3.85 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:12 SV1DL

Tot Ion:

Ion Ratio

43 100

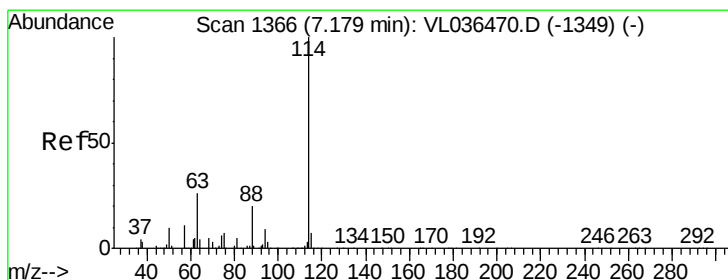
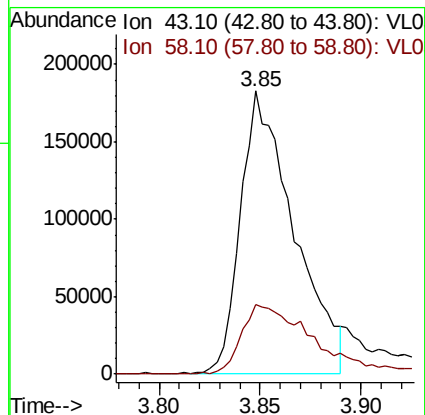
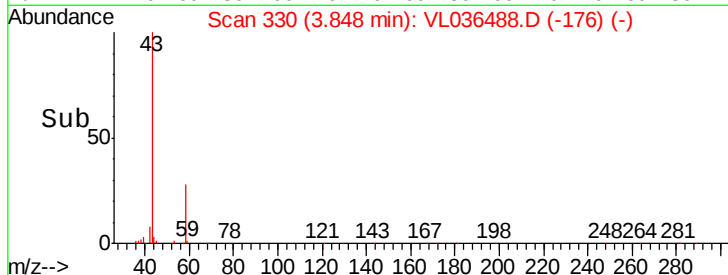
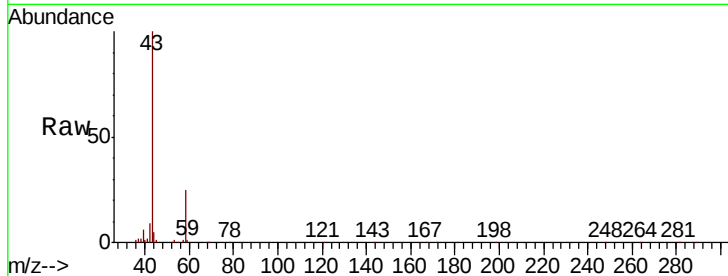
58 35.

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

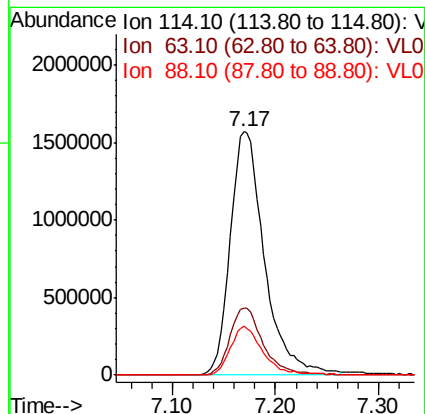
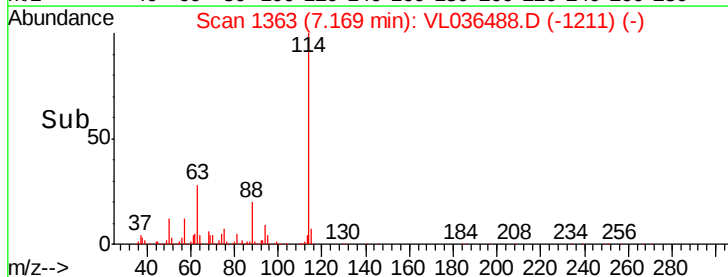
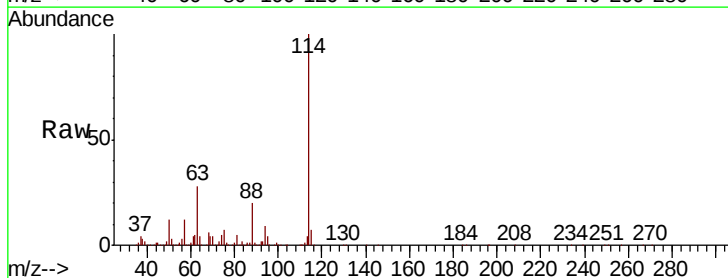
Tgt Ion:114 Resp: 3636101

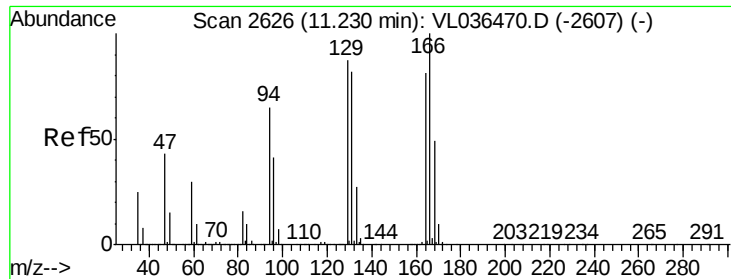
Ion Ratio Lower Upper

114 100

63 27.3 22.4 33.6

88 19.4 15.4 23.0





#52

Tetrachloroethene

Concen: 0.631 ppbv m

RT: 11.22

Delta R.T. MSVOA_L

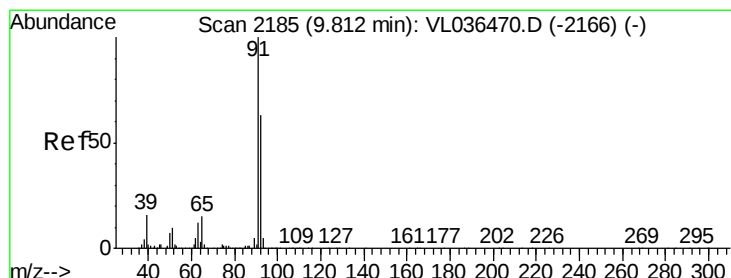
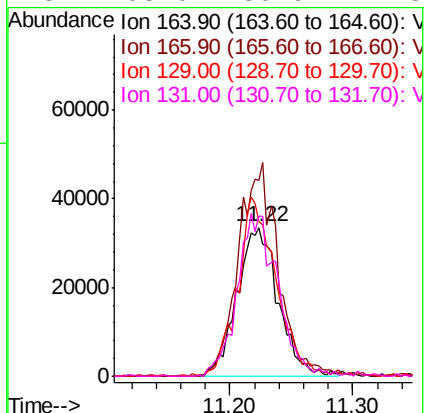
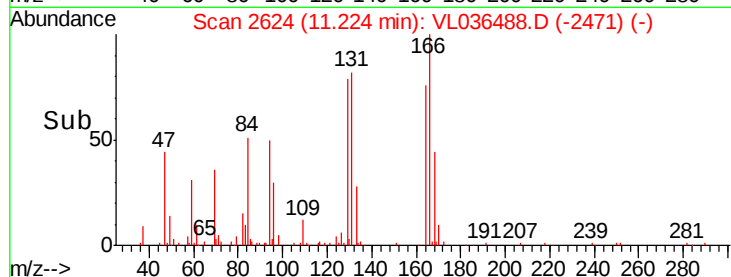
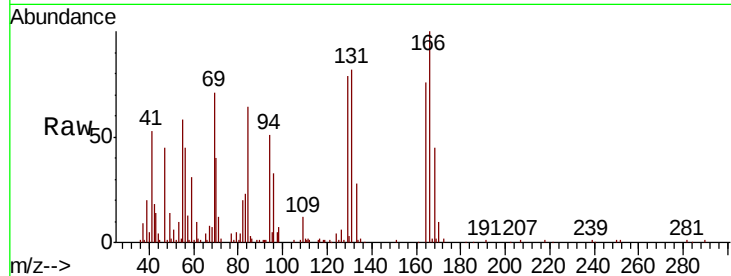
Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:12

Tot Ion: 1
Ion Ratio
164 100
166 131.
129 104.
131 108.0 80.9 121.3

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Supervised By :Mahesh Dadoda 03/29/2021



#53

Toluene

Concen: 0.622 ppbv m

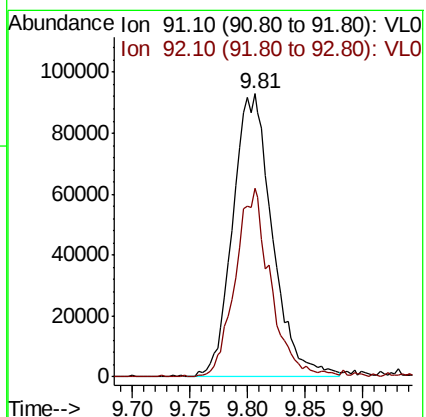
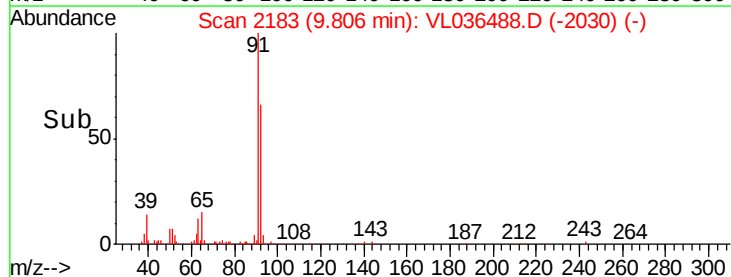
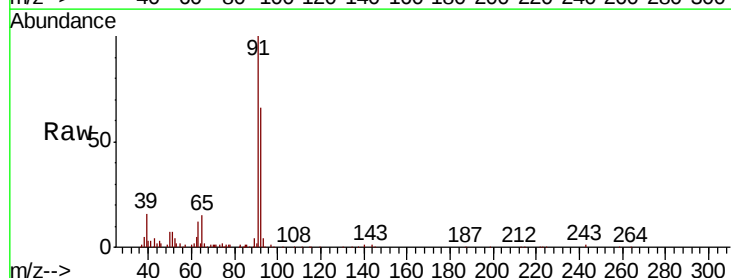
RT: 9.81 min Scan# 2183

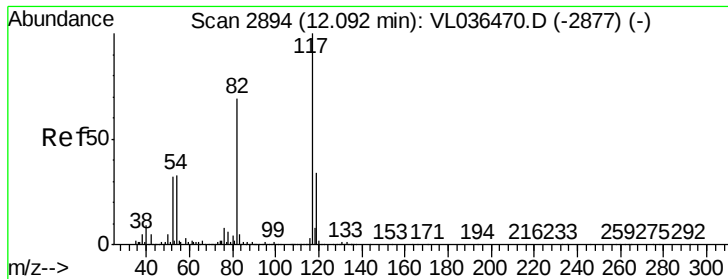
Delta R.T. -0.01 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

Tgt Ion: 91 Resp: 222147
Ion Ratio Lower Upper
91 100
92 0.0 48.8 73.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 16:12

Tot Ion:1

Ion Rati

117 100

82 66.

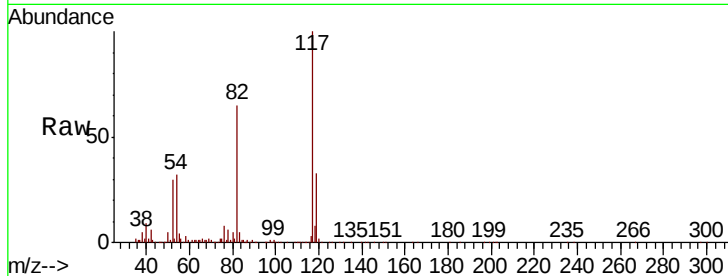
119 33.

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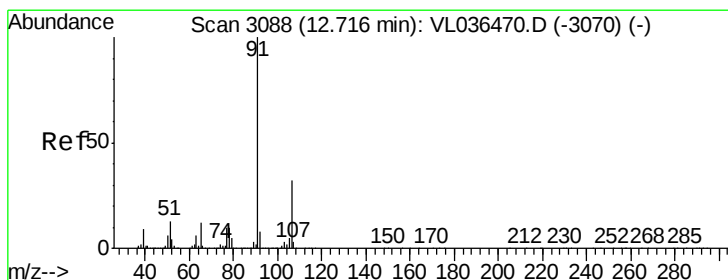
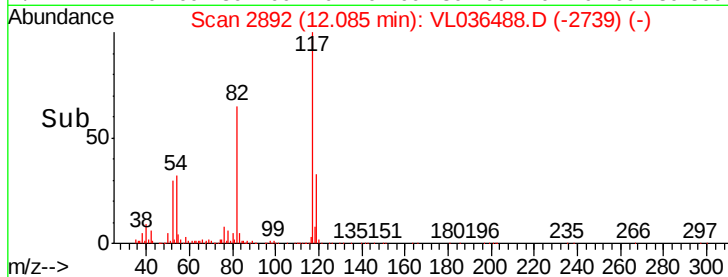
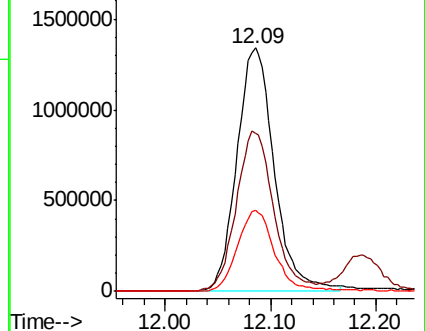
Supervised By :Mahesh Dadoda 03/29/2021



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



#58

Ethyl Benzene

Concen: 0.598 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036488.D

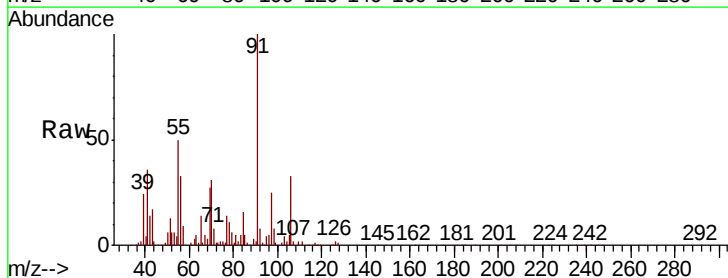
Acq: 25 Mar 2021 16:12

Tgt Ion: 91 Resp: 287259

Ion Ratio Lower Upper

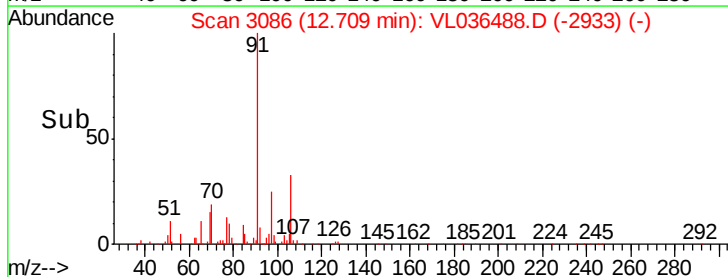
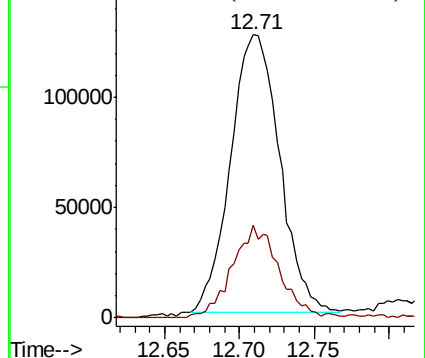
91 100

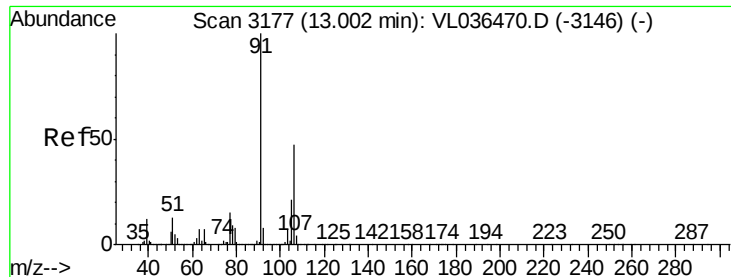
106 33.0 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



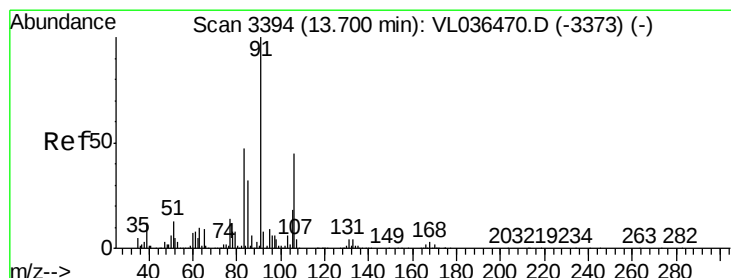
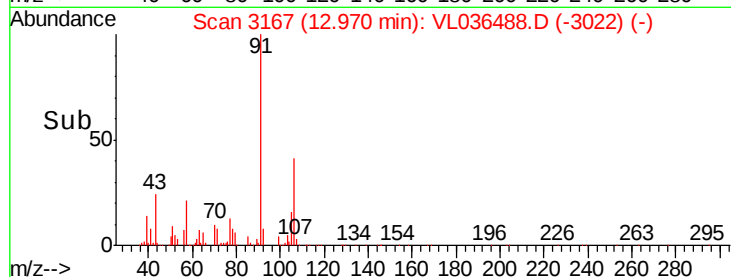
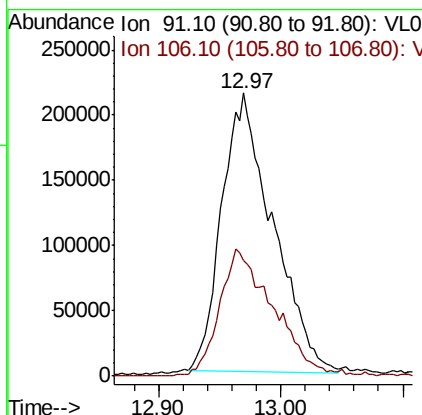
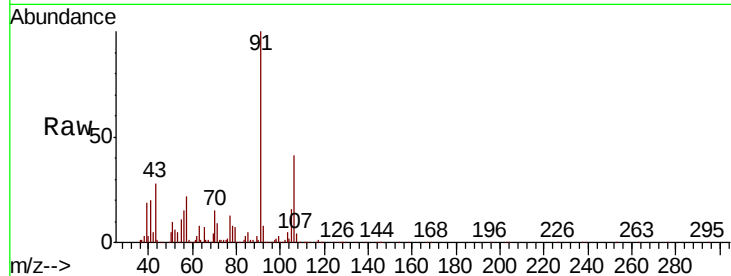


#59
m/p-Xylene
Concen: 1.476 ppbv
RT: 12.97
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 16:12

Tot Ion:
Ion Ratio
91 100
106 48.

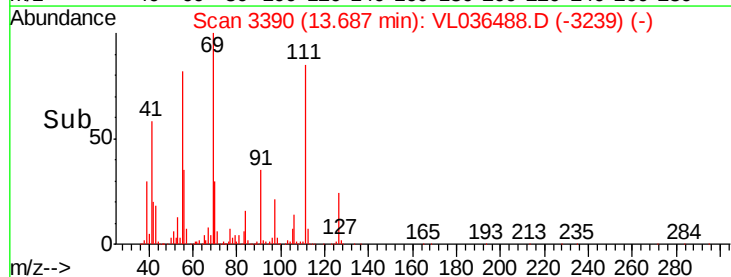
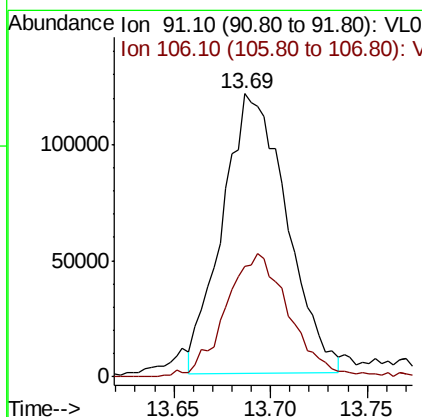
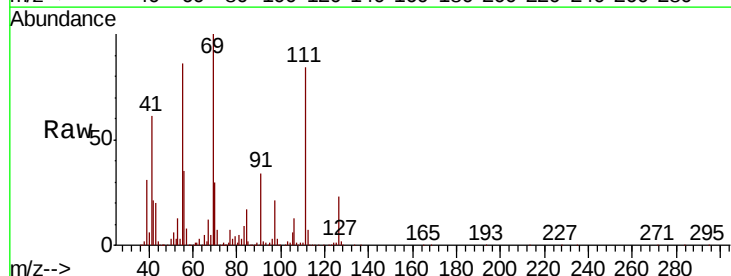
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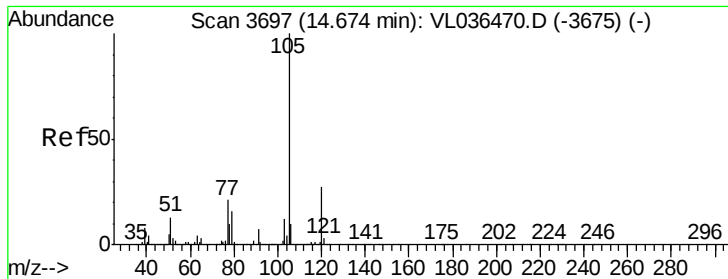
Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#60
o-Xylene
Concen: 0.686 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036488.D
Acq: 25 Mar 2021 16:12

Tgt Ion: 91 Resp: 278171
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9





#62

Isopropylbenzene

Concen: 0.209 ppbv m

RT: 14.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:12

Tot Ion:1

Ion Ratio

105 100

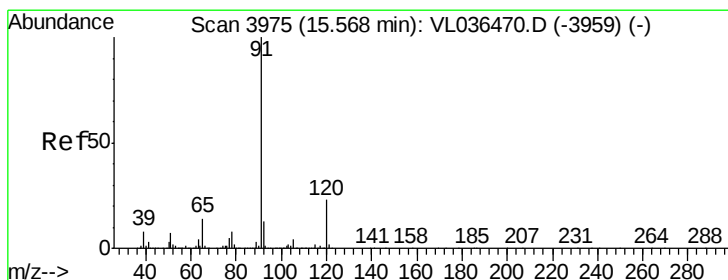
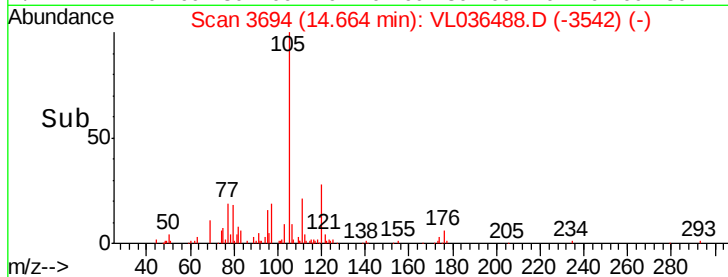
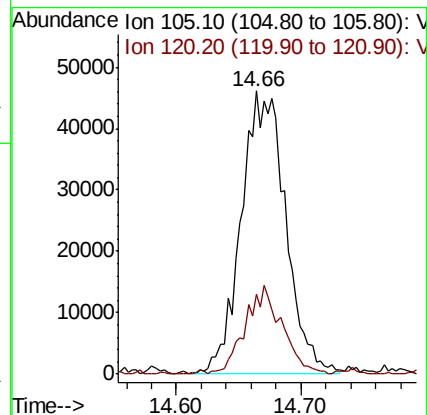
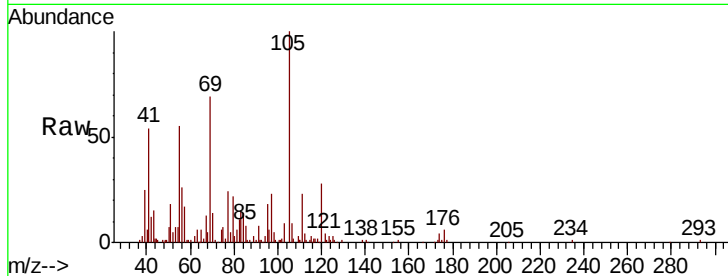
120 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#64

n-propylbenzene

Concen: 0.446 ppbv m

RT: 15.56 min Scan# 3974

Delta R.T. -0.00 min

Lab File: VL036488.D

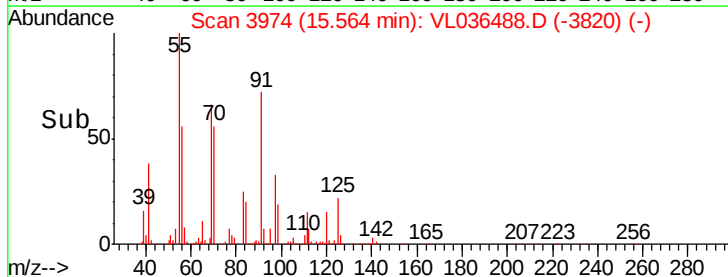
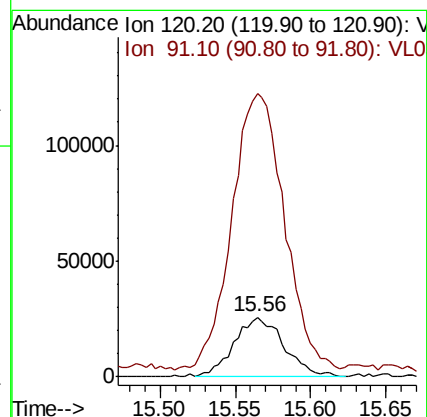
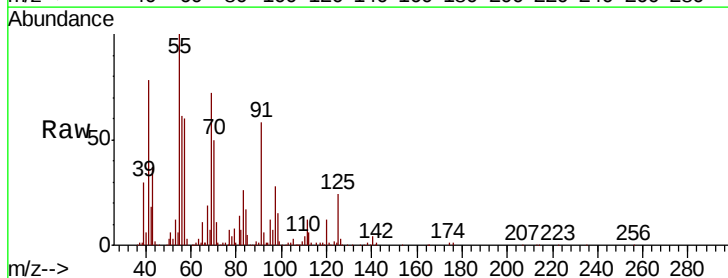
Acq: 25 Mar 2021 16:12

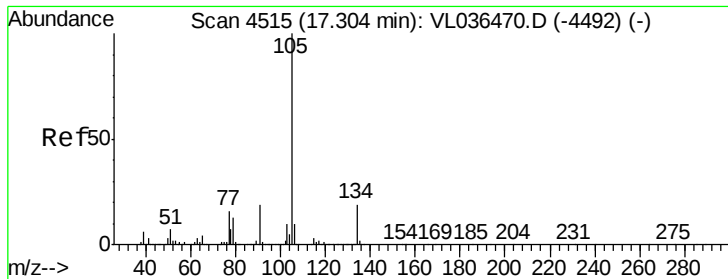
Tgt Ion:120 Resp: 59561

Ion Ratio Lower Upper

120 100

91 512.3 377.4 566.2





#67

sec-Butylbenzene

Concen: 0.185 ppbv m

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:12

Tot Ion:1

Ion Ratio

105 100

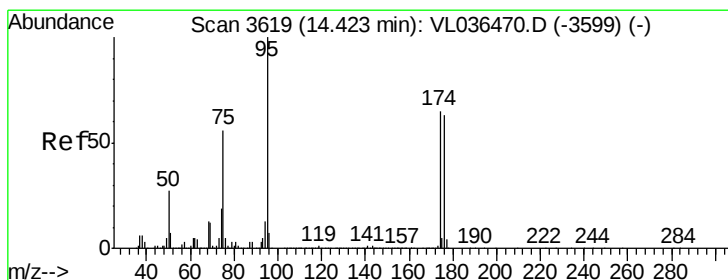
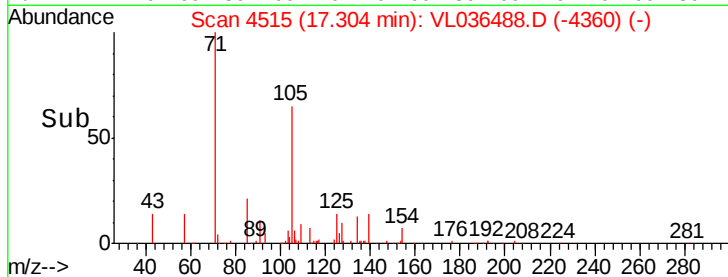
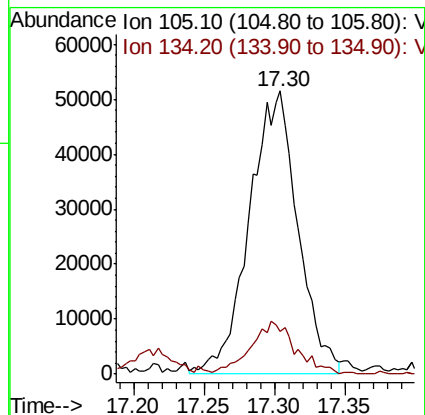
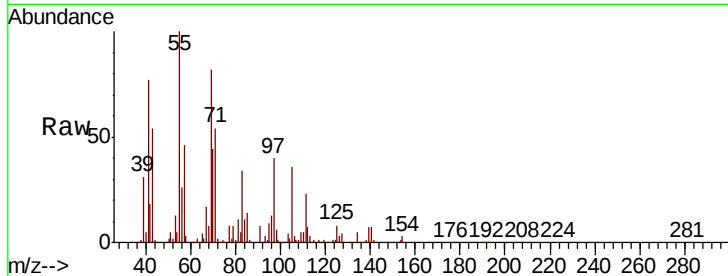
134 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/26/2021

Supervised By :Mahesh Dadoda 03/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.028 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL036488.D

Acq: 25 Mar 2021 16:12

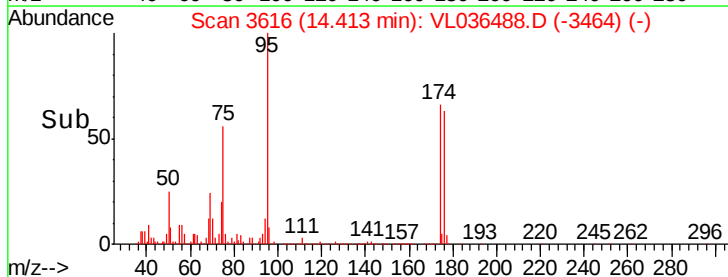
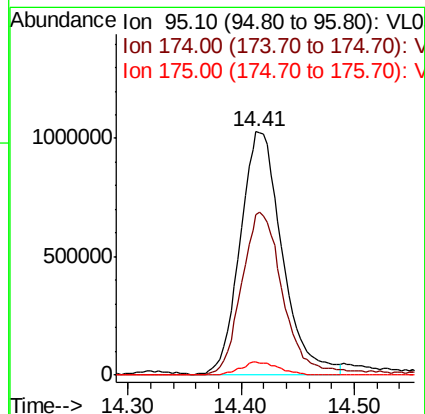
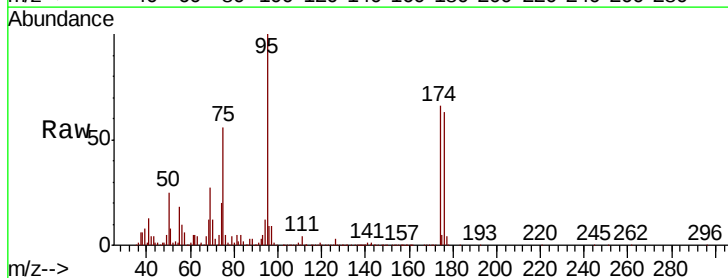
Tgt Ion: 95 Resp: 2640214

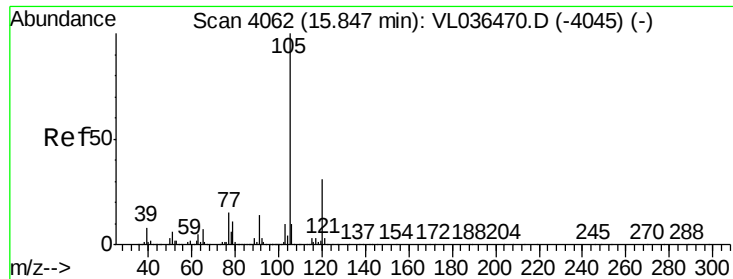
Ion Ratio Lower Upper

95 100

174 68.0 51.0 76.6

175 5.2 3.9 5.9





#72

4-Ethyltoluene

Concen: 0.428 ppbv m

RT: 15.84

Delta R.T. MSVOA_L

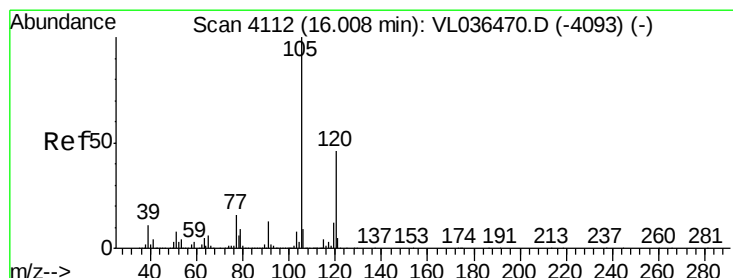
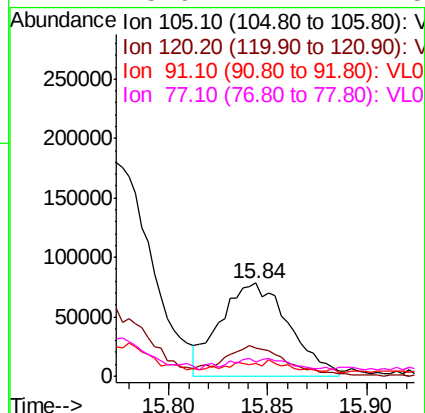
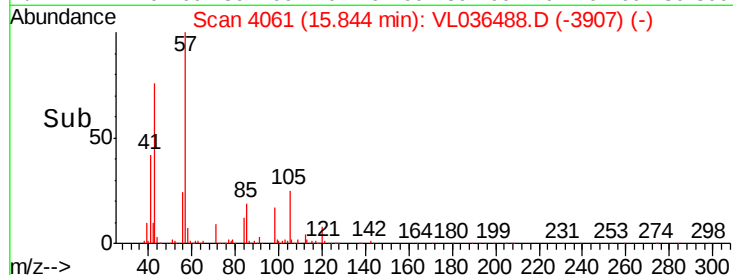
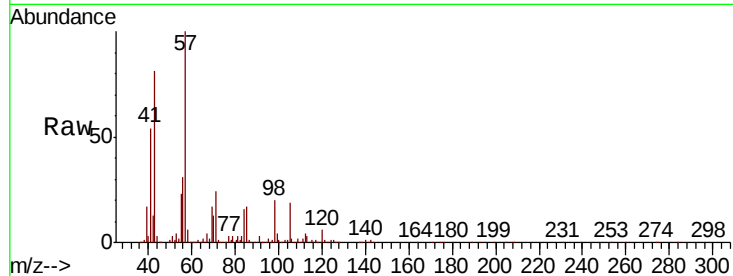
Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:12

Tot Ion:1
Ion Rati
105 100
120 30.
91 0.
77 23.6 11.7 17.5#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021
Supervised By :Mahesh Dadoda 03/29/2021



#73

1,3,5-Trimethylbenzene

Concen: 0.361 ppbv

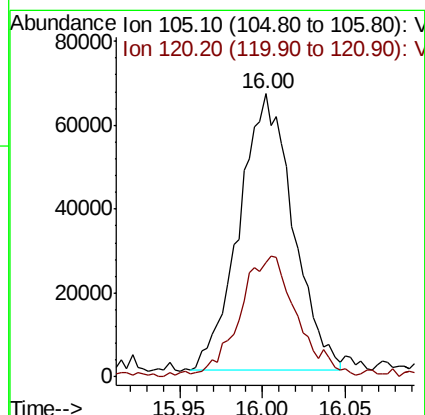
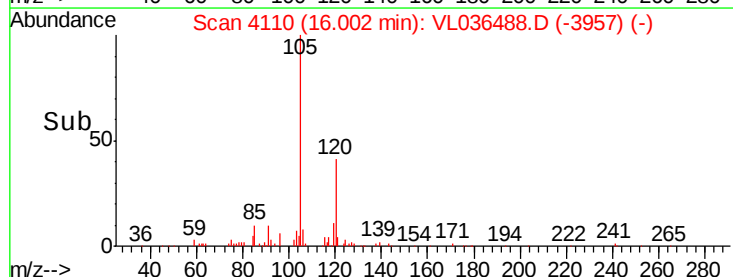
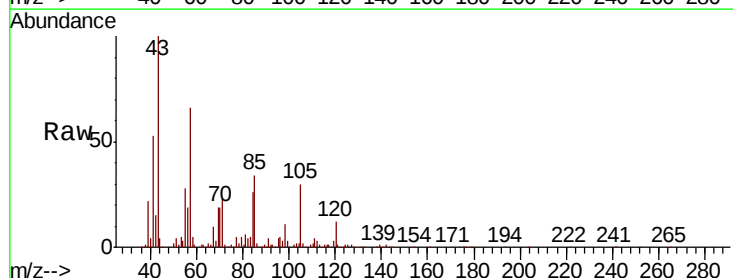
RT: 16.00 min Scan# 4110

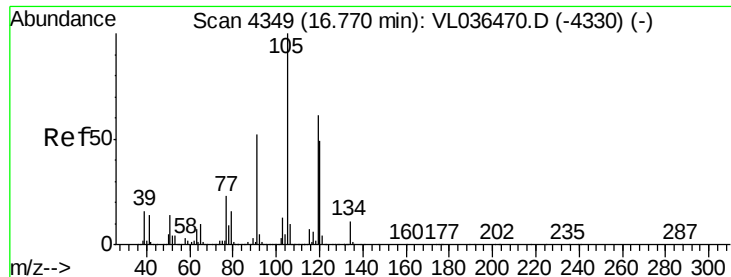
Delta R.T. -0.01 min

Lab File: VL036488.D

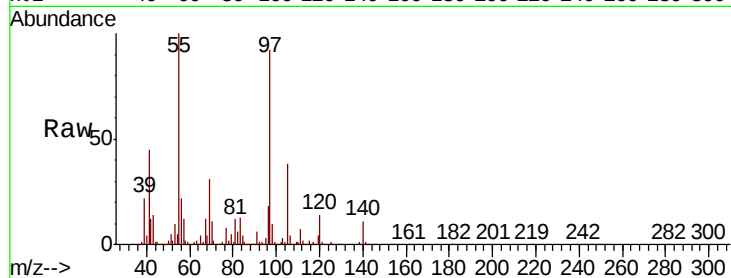
Acq: 25 Mar 2021 16:12

Tgt Ion:105 Resp: 149437
Ion Ratio Lower Upper
105 100
120 40.3 36.6 54.8





#74
 1,2,4-Trimethylbenzene
 Concen: 0.825 ppbv m
 RT: 16.76
 Delta R.T
 Lab File: SV1DL
 Acq: 25 Mar 2021 18.12



Tot Ion:1
 Ion Rati
 105 100
 120 36.
 91 14.
 77 20.1 18.6 28.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/26/2021
 Supervised By :Mahesh Dadoda 03/29/2021

