

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036823.D
 Acq On : 20 Apr 2021 15:58
 Operator : SY/AP
 Sample : M2096-05 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021

Quant Time: Apr 21 06:56:12 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	5.68	49	1218731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3108647	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2689873	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2024787	9.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	25246m	0.348	ppbv	
13) Ethanol	3.62	45	620331m	71.761	ppbv	
15) Acetone	3.86	43	344626	2.873	ppbv	# 87
19) Isopropyl Alcohol	4.02	45	27183m	0.412	ppbv	
20) Methylene Chloride	4.35	84	65082	1.159	ppbv	89
26) Hexane	5.69	57	135243m	1.022	ppbv	
29) Chloroform	5.76	83	965326	4.561	ppbv	95
30) Cyclohexane	7.17	84	20880m	0.195	ppbv	
34) 2-Butanone	5.26	43	33258m	0.219	ppbv	
38) Trichloroethene	7.84	130	5108m	0.046	ppbv	
42) Bromodichloromethane	7.80	83	122763m	0.535	ppbv	
53) Toluene	9.82	91	58775	0.193	ppbv	100
59) m/p-Xylene	12.98	91	81437m	0.239	ppbv	
60) o-Xylene	13.71	91	40162m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	56626m	0.157	ppbv	

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

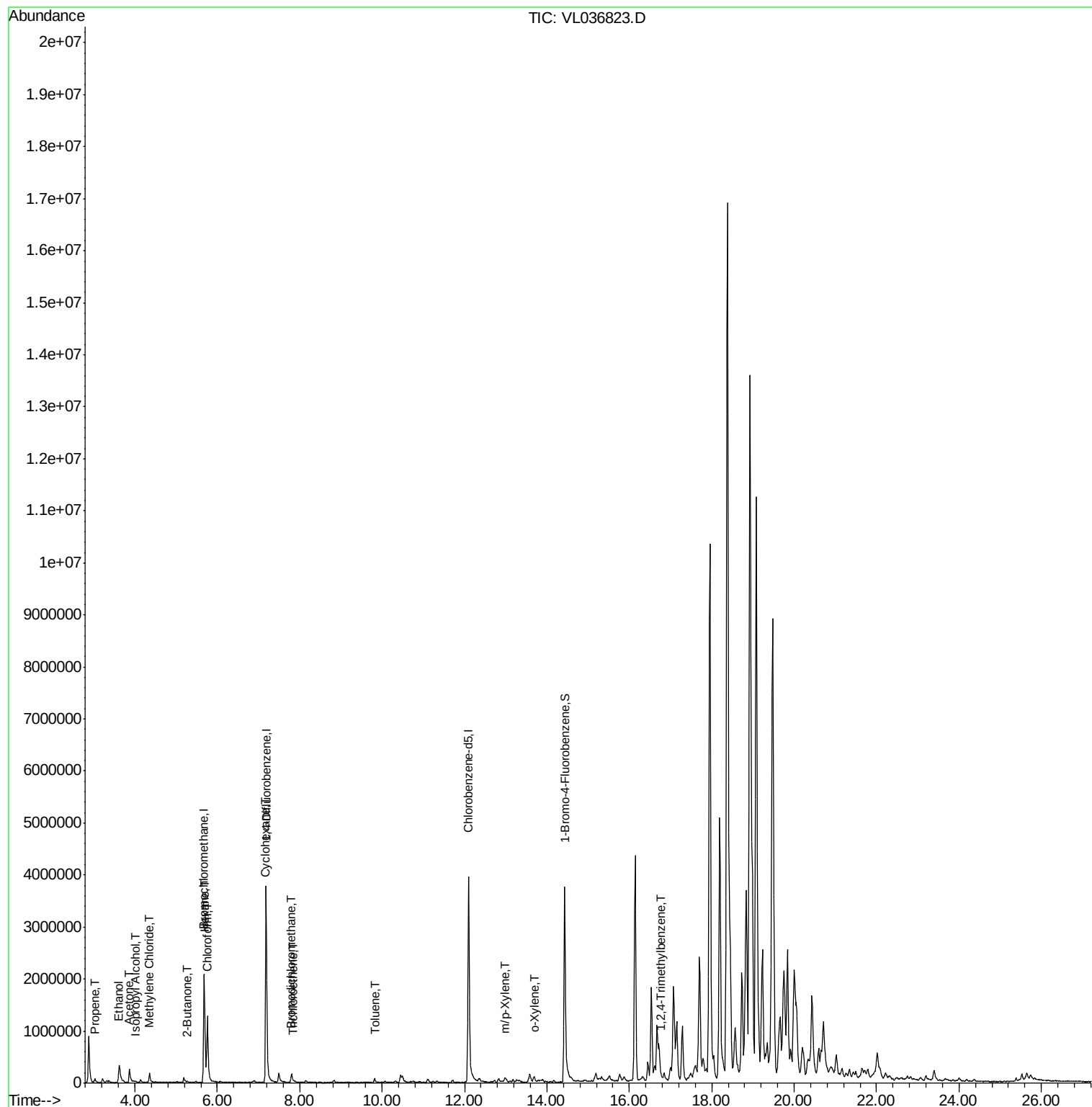
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042021\
Data File : VL036823.D
Acq On : 20 Apr 2021 15:58
Operator : SY/AP
Sample : M2096-05 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

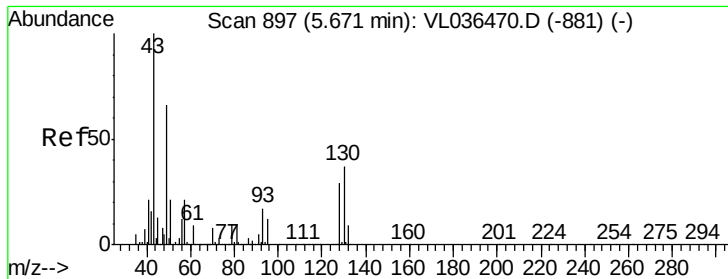
Instrument :
MSVOA_L
ClientSampleId :
SV2

Quant Time: Apr 21 06:56:12 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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId :

Acq: 20 Apr 2021 15:58

Tot Ion:

Ion Ratio

49 100

128 48.

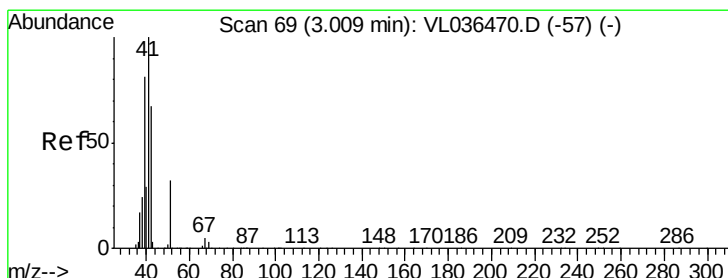
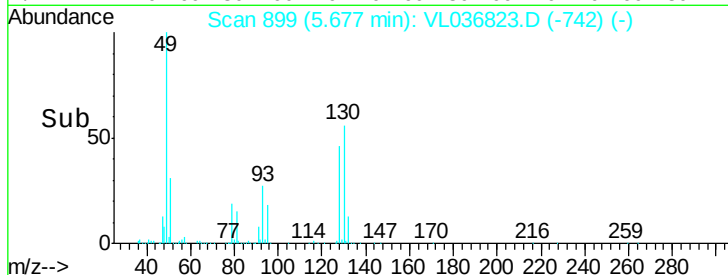
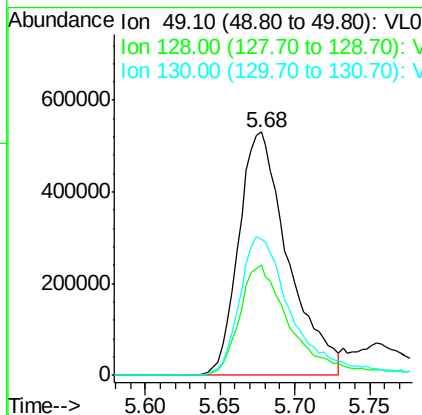
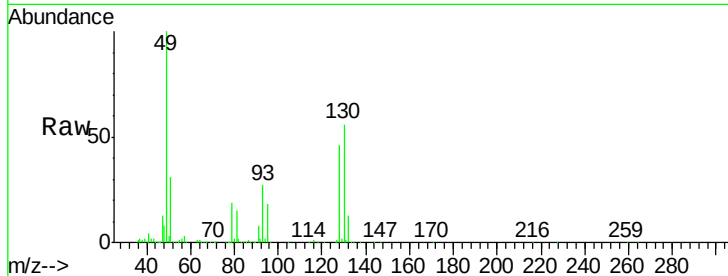
130 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#9

Propene

Concen: 0.348 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036823.D

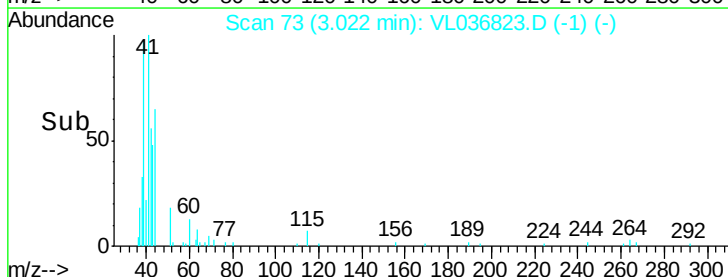
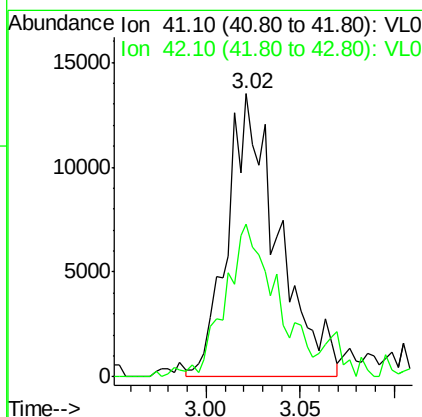
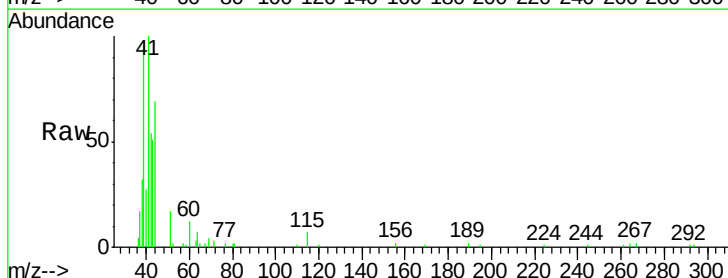
Acq: 20 Apr 2021 15:58

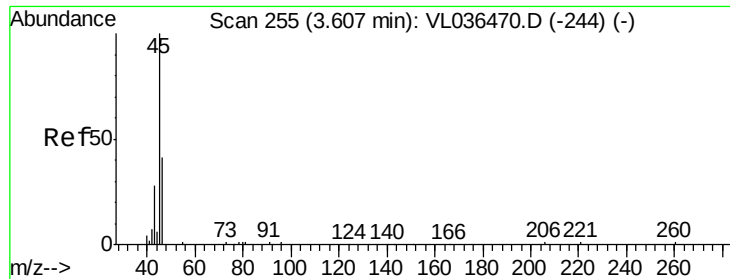
Tgt Ion: 41 Resp: 25246

Ion Ratio Lower Upper

41 100

42 0.0 57.0 85.4#



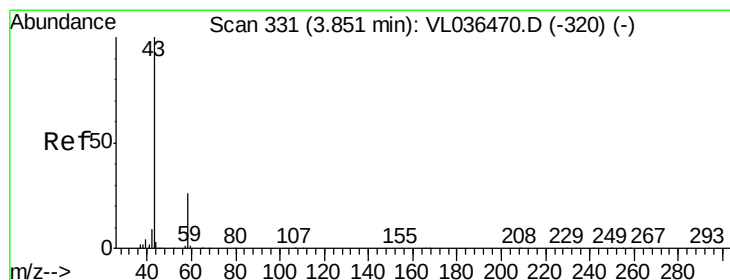
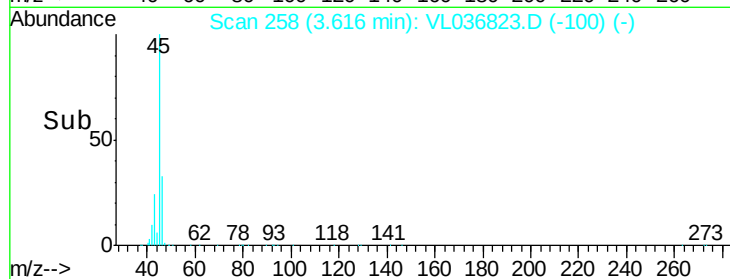
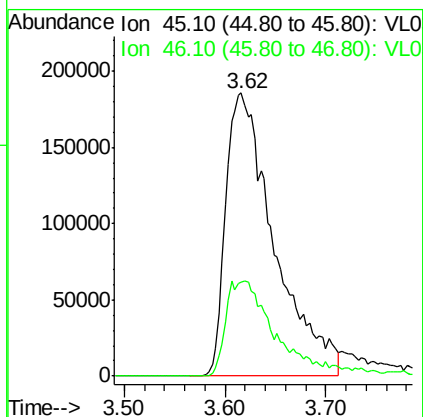
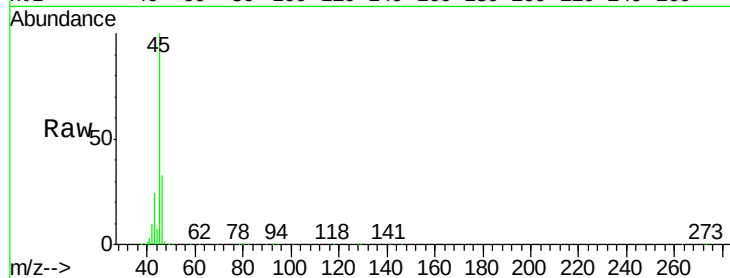


#13
Ethanol
Concen: 71.761 ppbv m
RT: 3.62
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 20 Apr 2021 15:58

Tot Ion:
Ion Ratio
45 100
46 35.

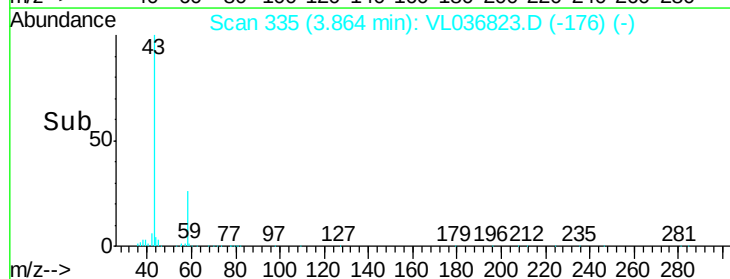
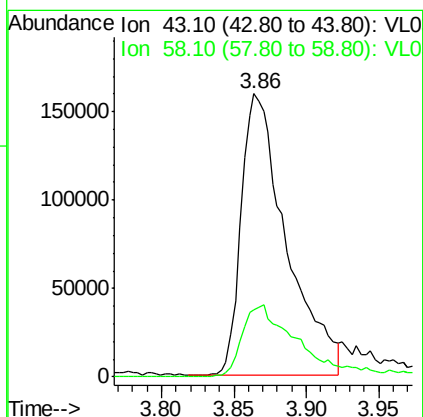
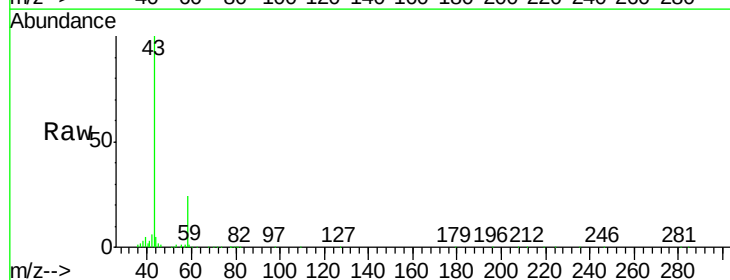
Manual Integrations
APPROVED

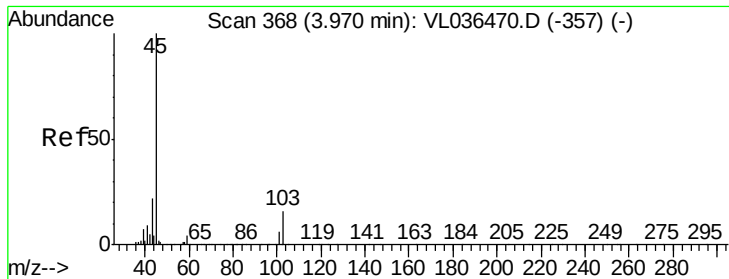
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#15
Acetone
Concen: 2.873 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.01 min
Lab File: VL036823.D
Acq: 20 Apr 2021 15:58

Tgt Ion: 43 Resp: 344626
Ion Ratio Lower Upper
43 100
58 33.0 21.2 31.8#





#19

Isopropyl Alcohol

Concen: 0.412 ppbv m

RT: 4.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 15:58

Tot Ion:

Ion Ratio

45 100

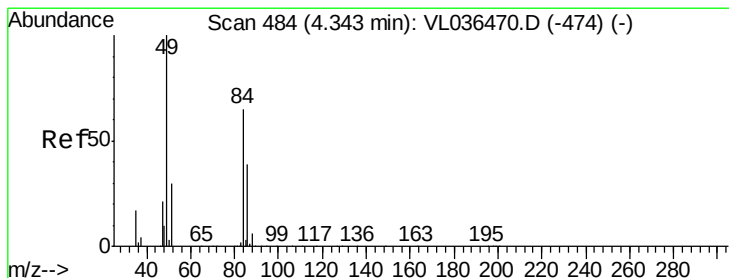
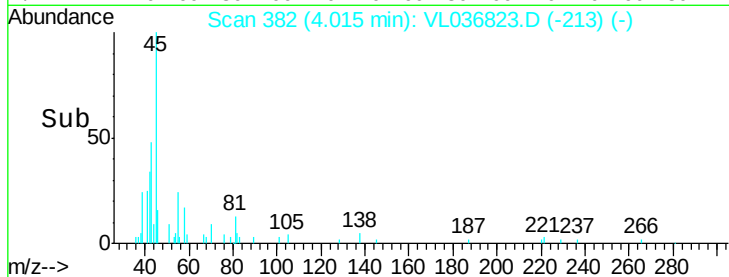
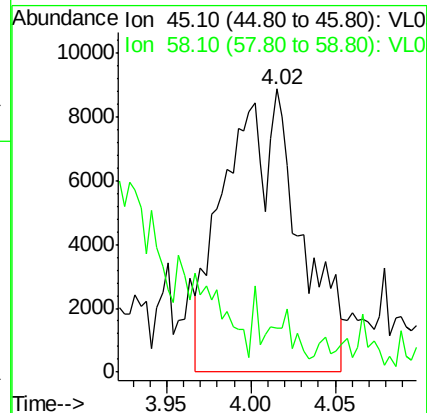
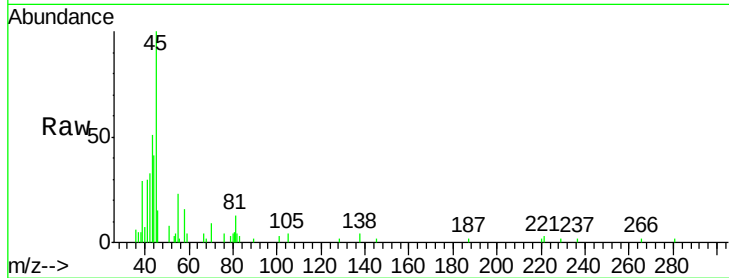
58 428.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#20

Methylene Chloride

Concen: 1.159 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL036823.D

Acq: 20 Apr 2021 15:58

Tgt Ion: 84 Resp: 65082

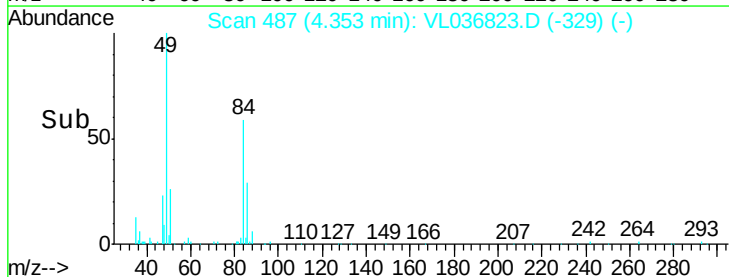
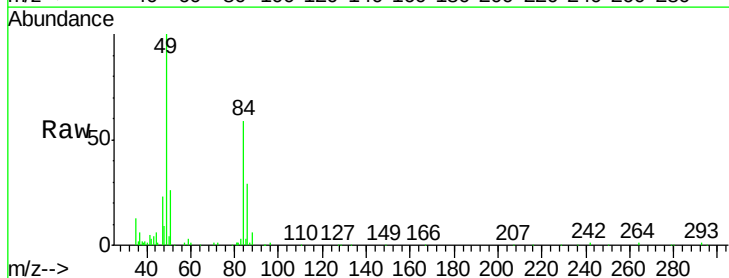
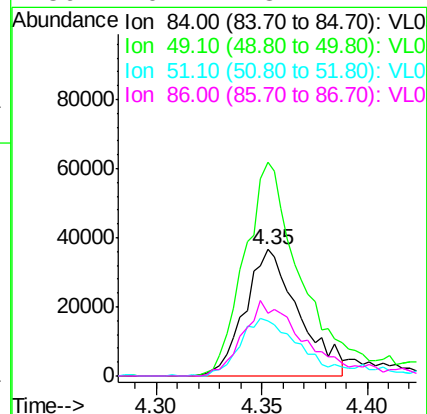
Ion Ratio Lower Upper

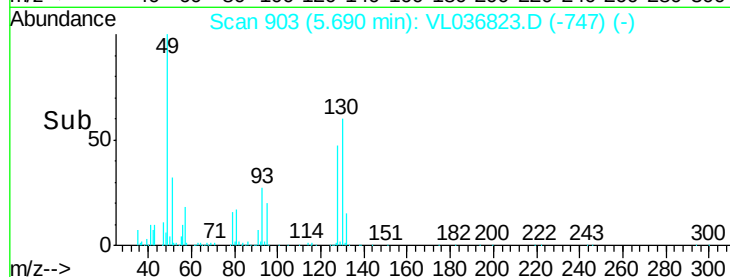
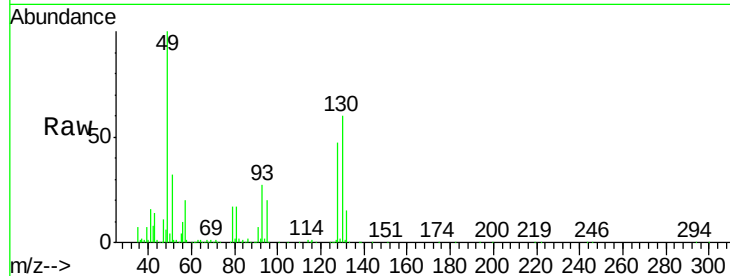
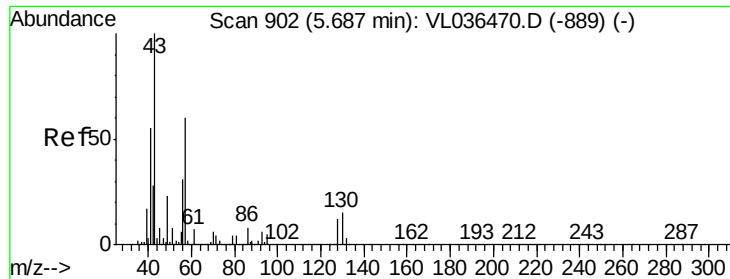
84 100

49 169.0 122.9 184.3

51 42.0 36.9 55.3

86 49.4 48.2 72.4



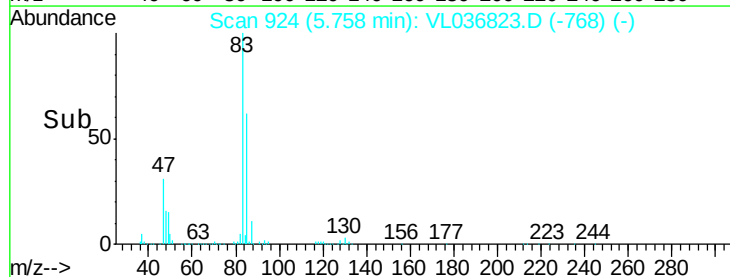
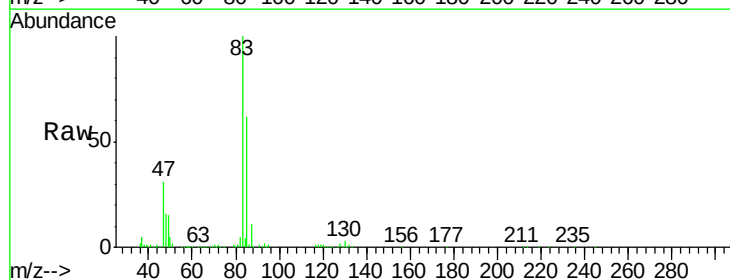
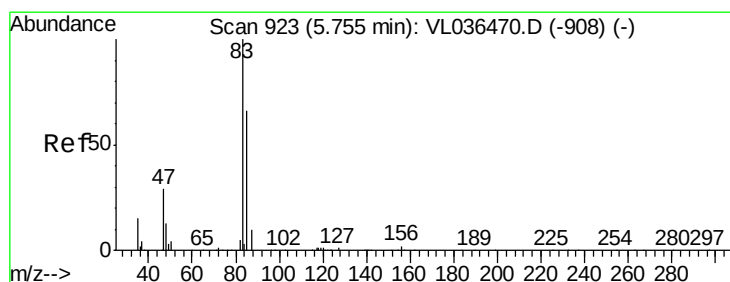
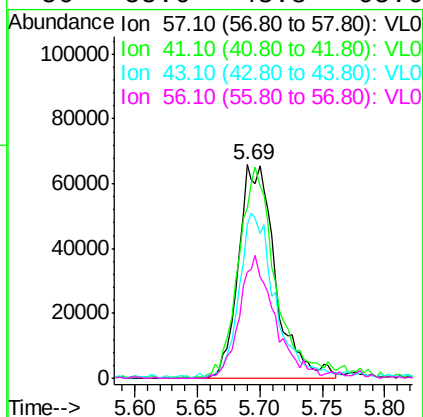


#26
Hexane
Concen: 1.022 ppbv m
RT: 5.69
Instrument : MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 15:58

Tot Ion:
Ion Ratio
57 100
41 99.
43 77.
56 55.6 43.8 65.6

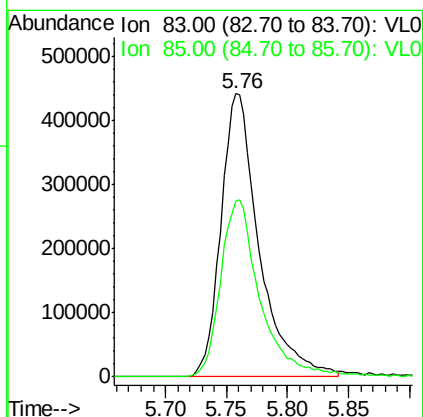
Manual Integrations
APPROVED

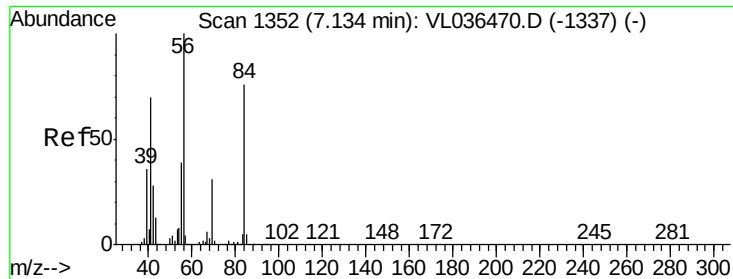
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#29
Chloroform
Concen: 4.561 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.00 min
Lab File: VL036823.D
Acq: 20 Apr 2021 15:58

Tgt Ion: 83 Resp: 965326
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8



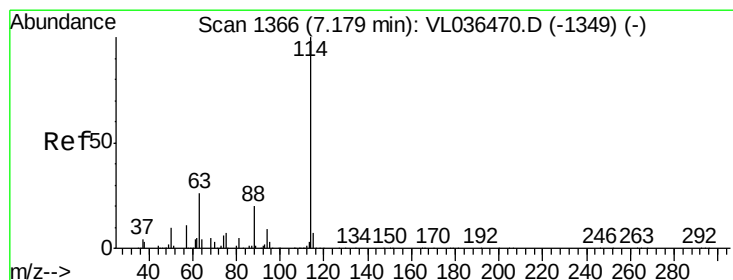
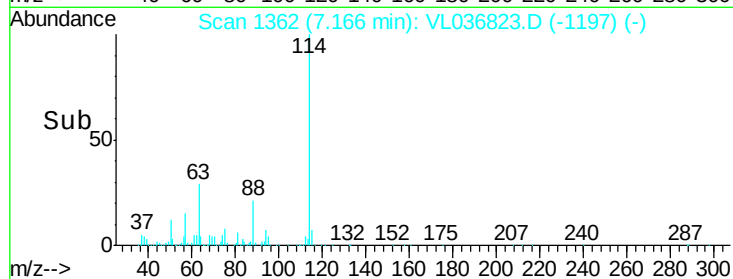
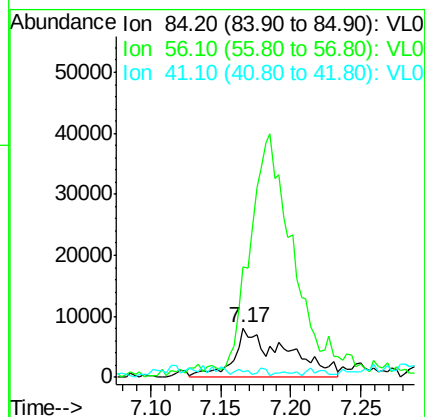
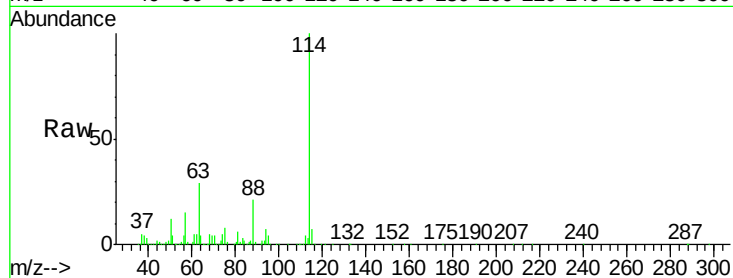


#30
Cvclohexane
Concen: 0.195 ppbv m
RT: 7.17
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 20 Apr 2021 15:58

Tot Ion:
Ion Ratio
84 100
56 0.
41 0.

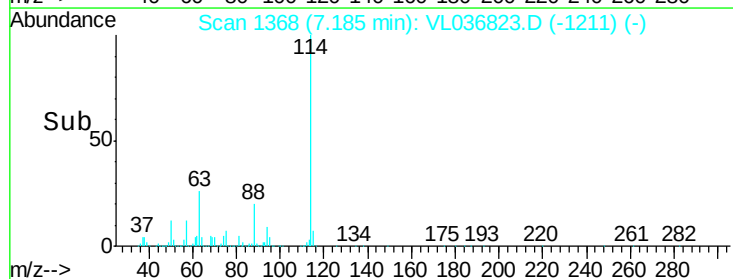
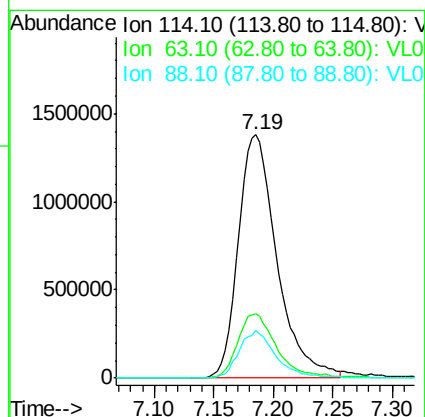
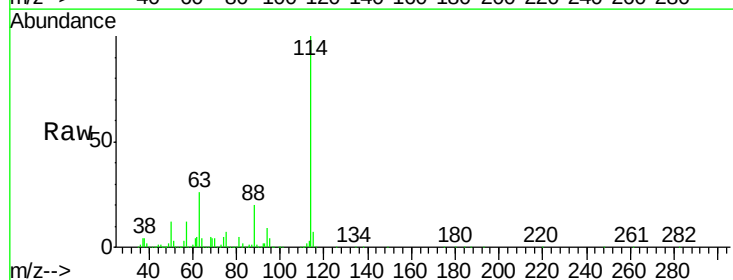
Manual Integrations
APPROVED

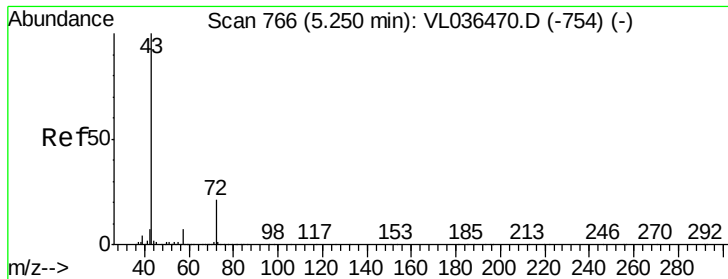
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL036823.D
Acq: 20 Apr 2021 15:58

Tgt Ion:114 Resp: 3108647
Ion Ratio Lower Upper
114 100
63 27.1 22.4 33.6
88 19.0 15.4 23.0





#34

2-Butanone

Concen: 0.219 ppbv m

RT: 5.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 15:58 SV2

Tot Ion:

Ion Ratio

43 100

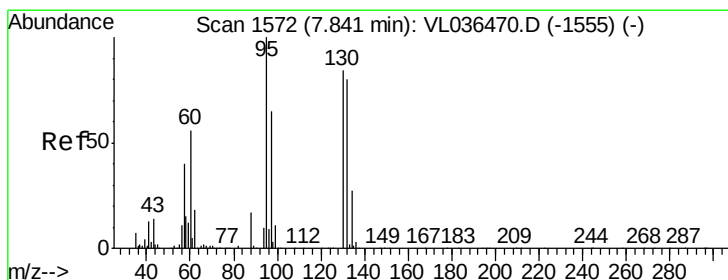
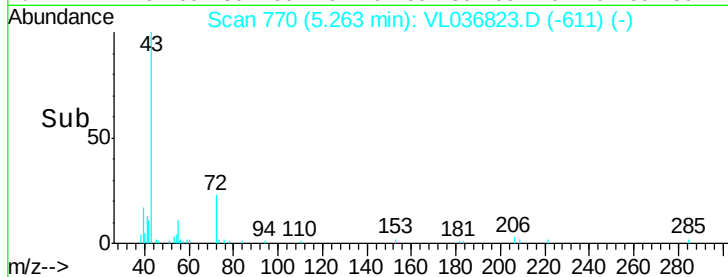
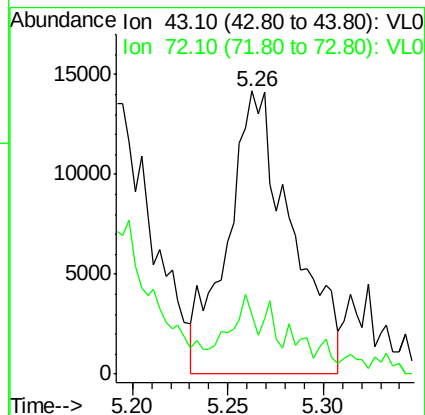
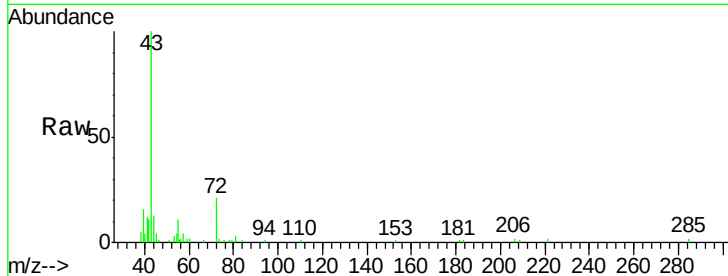
72 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#38

Trichloroethene

Concen: 0.046 ppbv m

RT: 7.84 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL036823.D

Acq: 20 Apr 2021 15:58

Tgt Ion:130 Resp: 5108

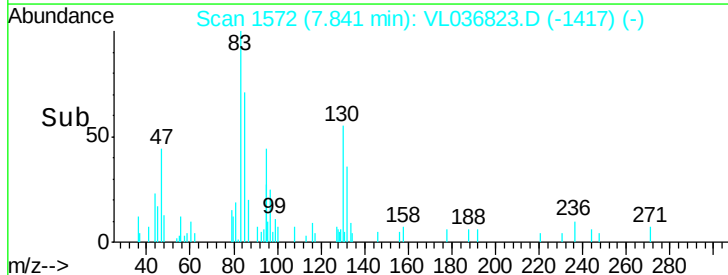
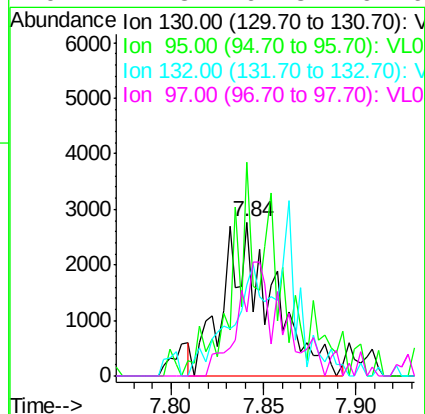
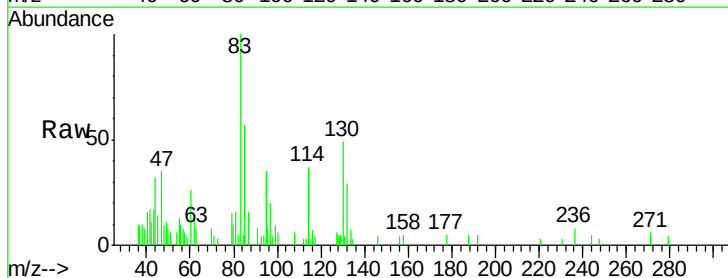
Ion Ratio Lower Upper

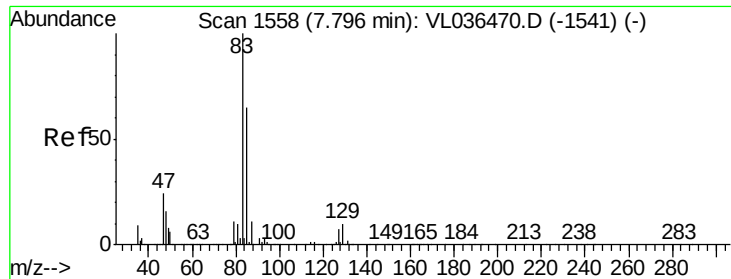
130 100

95 72.7 95.7 143.5#

132 59.2 76.2 114.4#

97 41.3 61.8 92.6#





#42

Bromodichloromethane

Concen: 0.535 ppbv m

RT: 7.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Apr 2021 15:58

Tot Ion:

Ion Ratio

83 100

85 66.

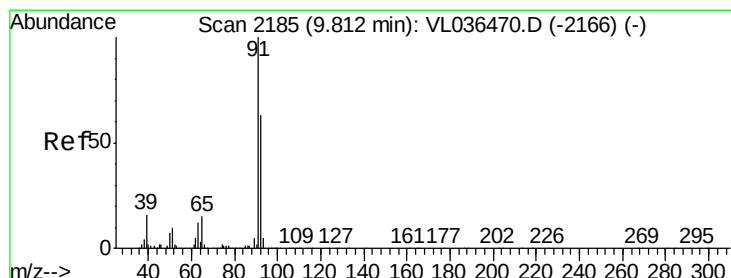
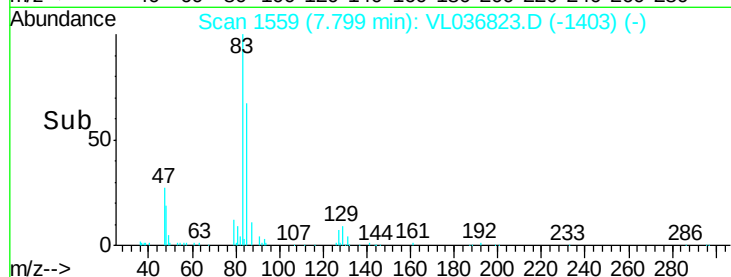
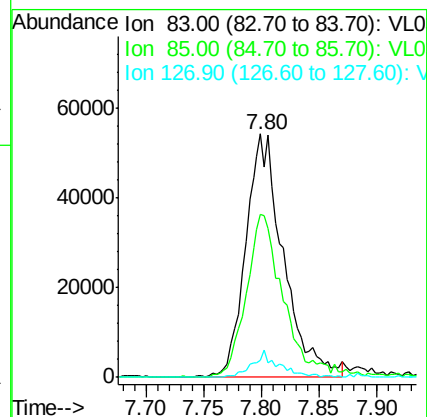
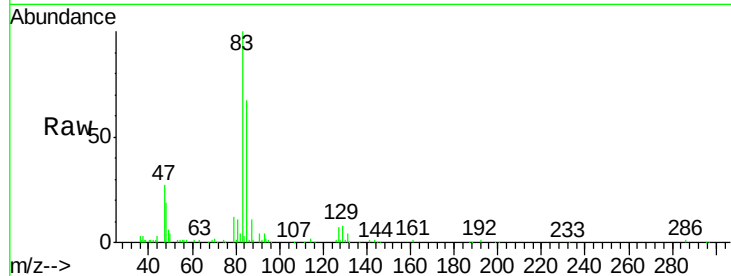
127 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#53

Toluene

Concen: 0.193 ppbv

RT: 9.82 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VL036823.D

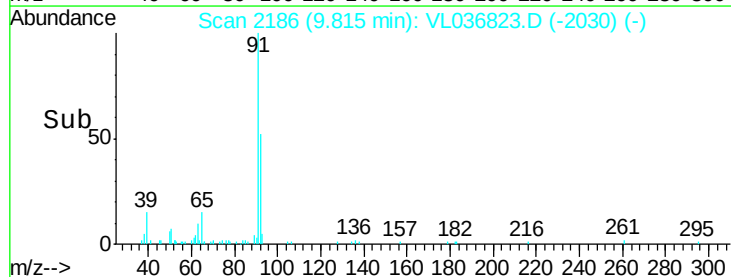
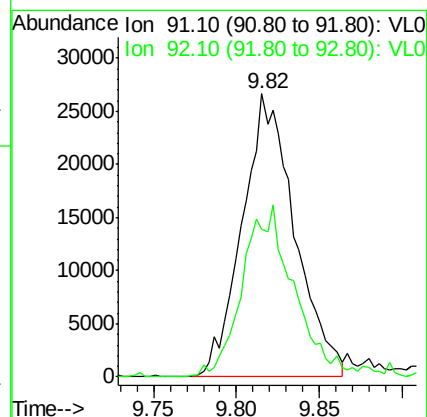
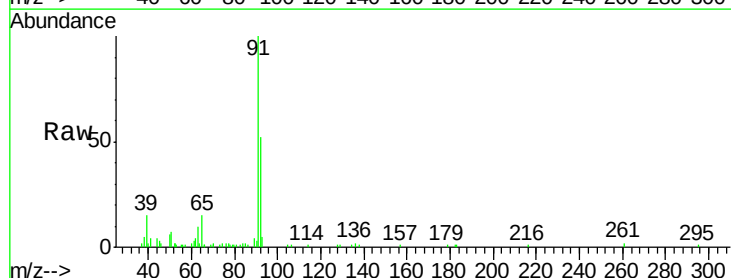
Acq: 20 Apr 2021 15:58

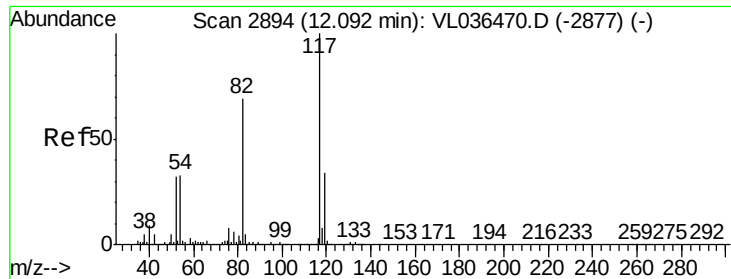
Tgt Ion: 91 Resp: 58775

Ion Ratio Lower Upper

91 100

92 60.9 48.8 73.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 15:58

Tot Ion:1

Ion Rati

117 100

82 69.

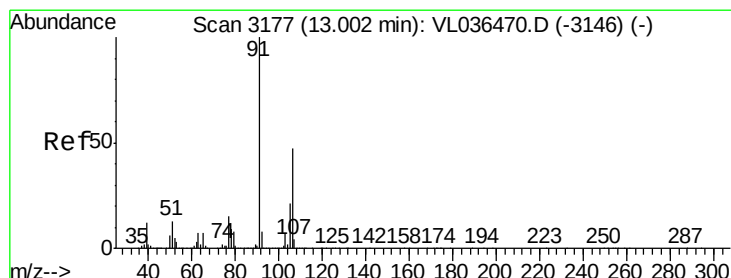
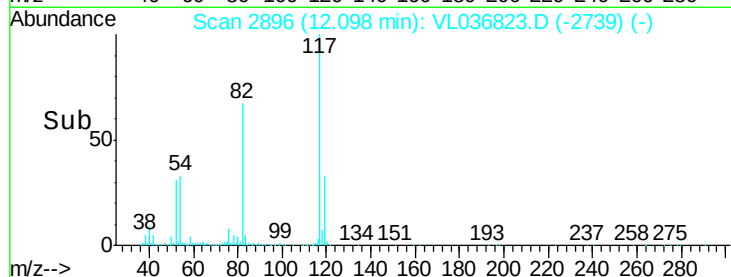
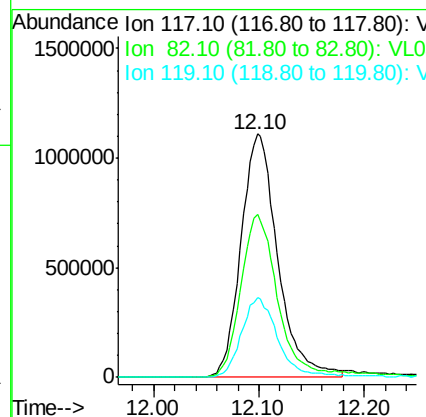
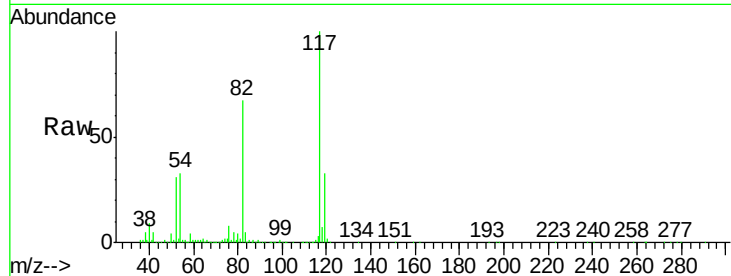
119 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#59

m/p-Xylene

Concen: 0.239 ppbv m

RT: 12.98 min Scan# 3171

Delta R.T. -0.02 min

Lab File: VL036823.D

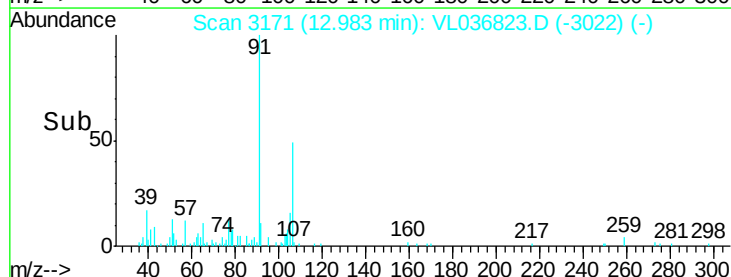
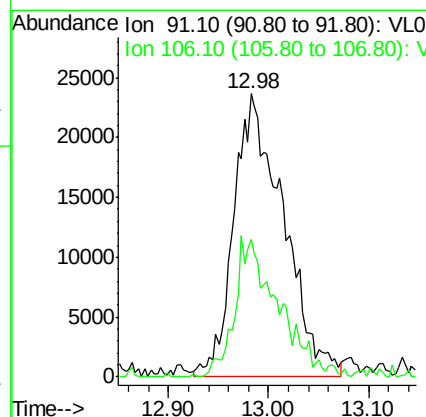
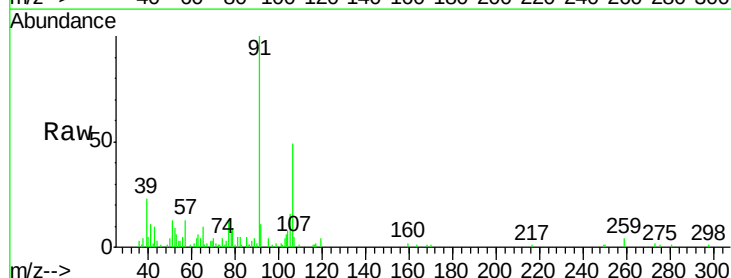
Acq: 20 Apr 2021 15:58

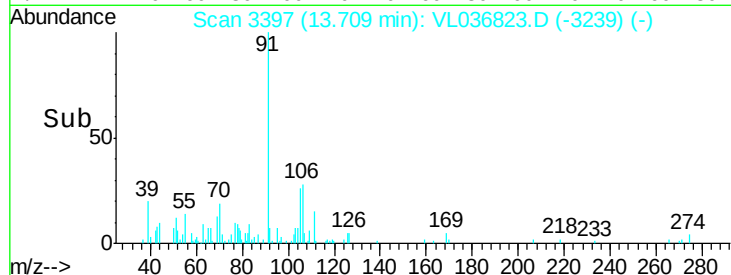
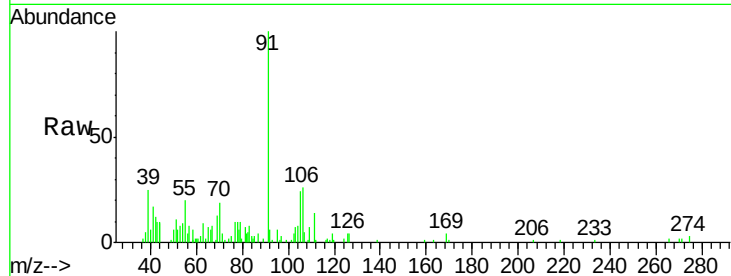
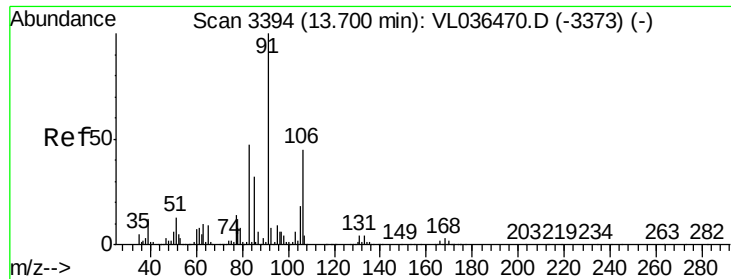
Tgt Ion: 91 Resp: 81437

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#



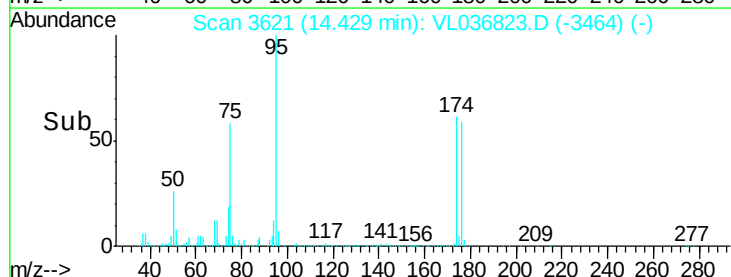
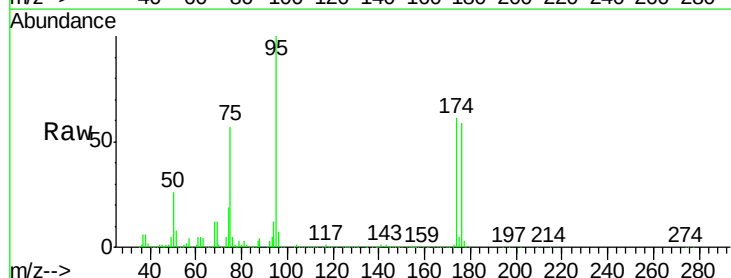
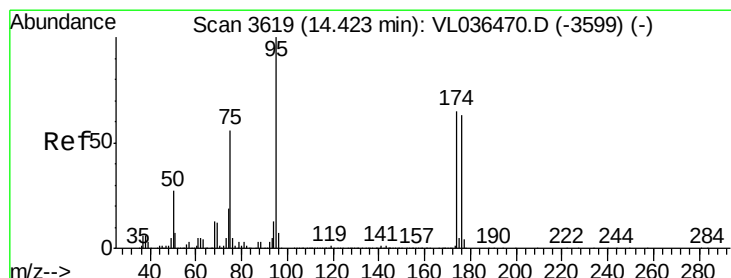
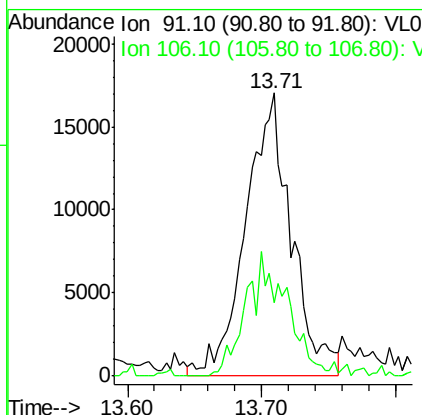


#60
o-Xylene
Concen: 0.122 ppbv m
RT: 13.71
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 15:58

Tot Ion:
Ion Ratio
91 100
106 40.

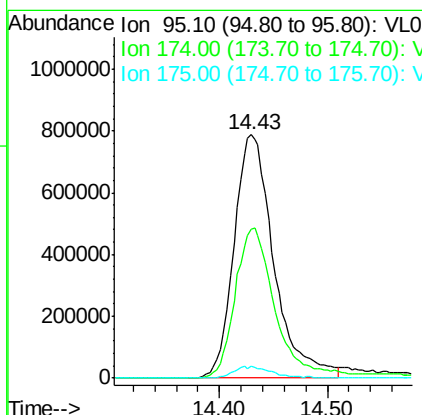
Manual Integrations
APPROVED

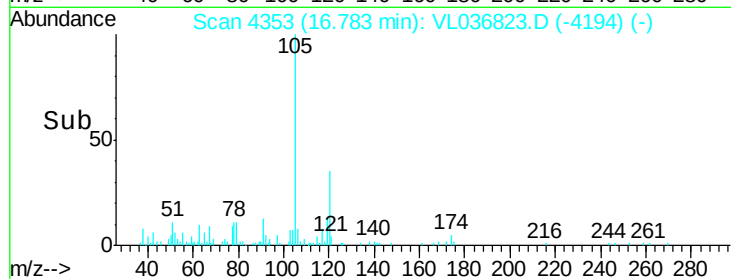
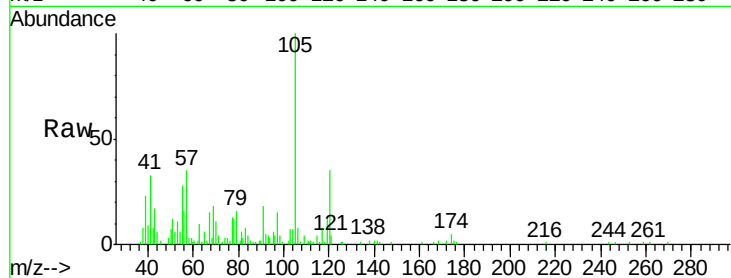
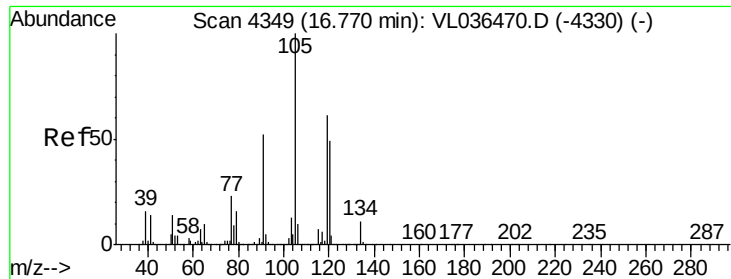
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.445 ppbv
RT: 14.43 min Scan# 3621
Delta R.T. 0.01 min
Lab File: VL036823.D
Acq: 20 Apr 2021 15:58

Tgt Ion: 95 Resp: 2024787
Ion Ratio Lower Upper
95 100
174 65.5 51.0 76.6
175 4.9 3.9 5.9





#74

1,2,4-Trimethylbenzene

Concen: 0.157 ppbv m

RT: 16.78

Delta R.T

Lab File: ClientSampleId :

Acq: 20 Apr 2021 15:58

Tot Ion:1

Ion Rati

105 100

120 34.

91 18.

77 12.9 18.6 28.0#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021

