

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036484.D
 Acq On : 25 Mar 2021 13:37
 Operator : SY/AP
 Sample : M1801-05DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/28/2021
 Supervised By : Mahesh Dadoda 03/29/2021

Quant Time: Mar 28 23:12:31 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	1505406	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3437969	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3018554	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2402606	9.99	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	36365	0.406	ppbv	88
13) Ethanol	3.60	45	346020m	32.406	ppbv	
15) Acetone	3.85	43	103433	0.698	ppbv #	67
20) Methylene Chloride	4.34	84	215409	3.105	ppbv	97
53) Toluene	9.80	91	56887m	0.168	ppbv	

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

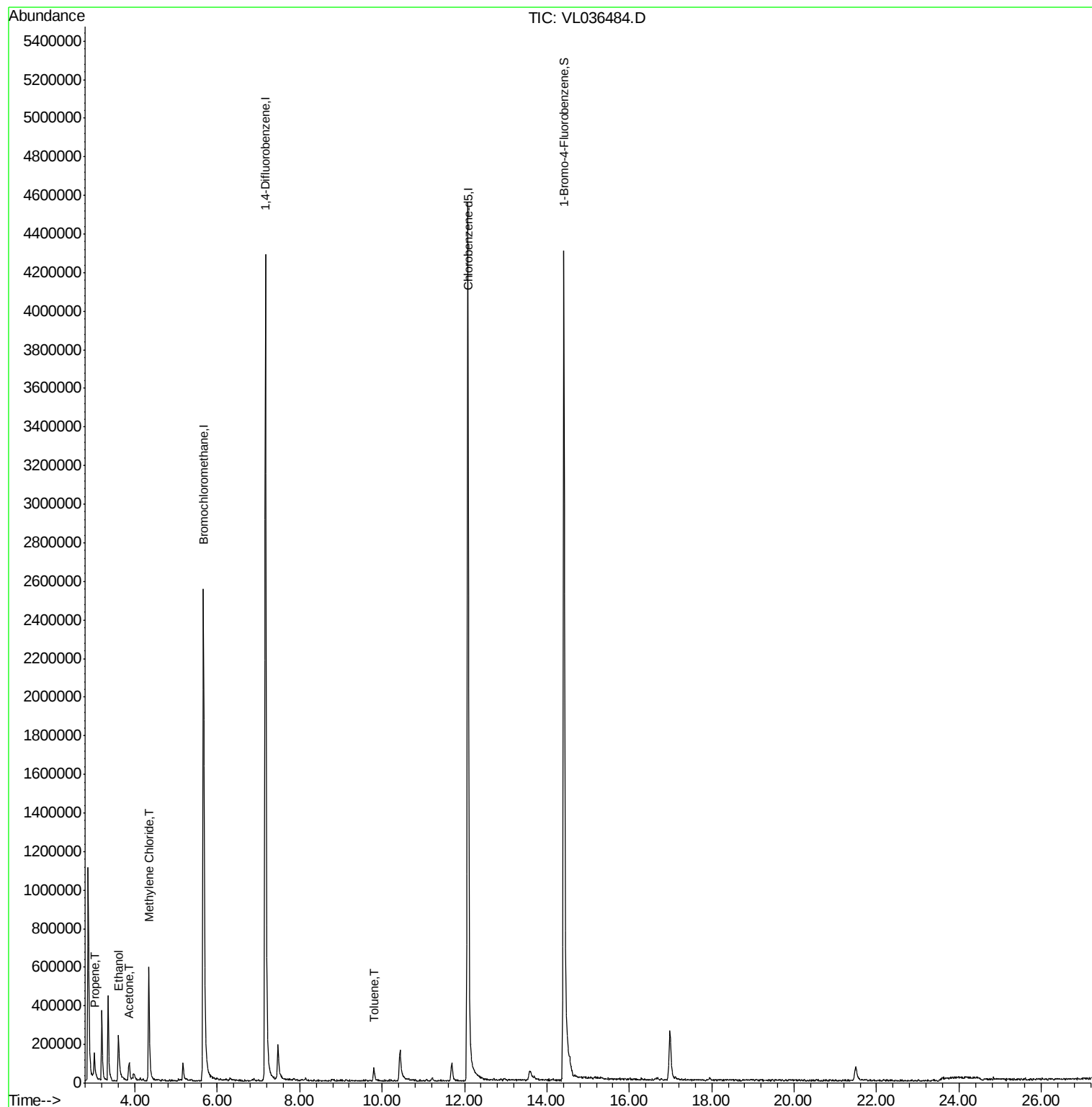
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032521\
Data File : VL036484.D
Acq On : 25 Mar 2021 13:37
Operator : SY/AP
Sample : M1801-05DL 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

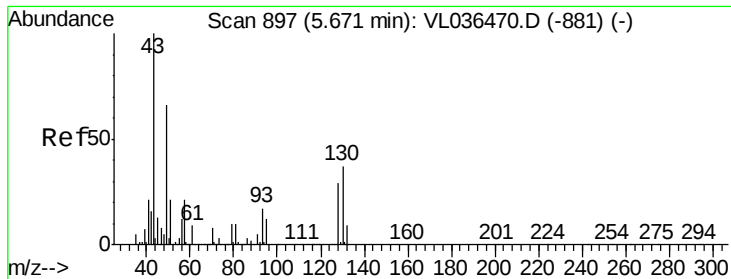
Instrument :
MSVOA_L
ClientSampleId :
IA2DL

Manual Integrations
APPROVED

Quant Time: Mar 28 23:12:31 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 03/28/2021
Supervised By :Mahesh Dadoda 03/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: IA2DL

Acq: 25 Mar 2021 13:37

Tot Ion:

Ion Ratio

49 100

128 44.

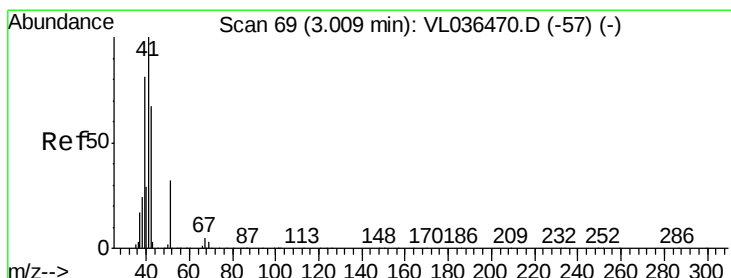
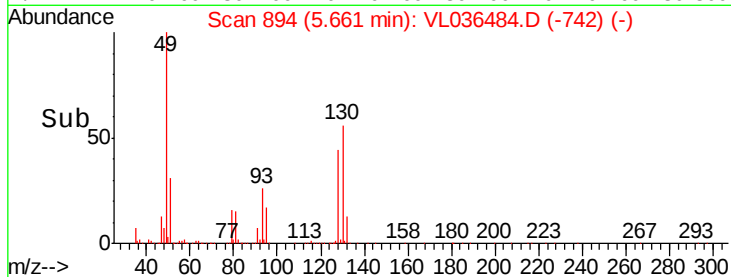
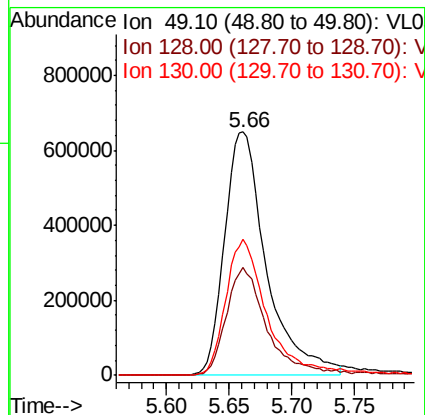
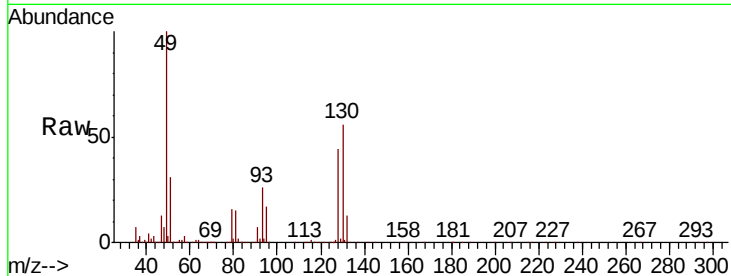
130 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/28/2021

Supervised By :Mahesh Dadoda 03/29/2021



#9

Propene

Concen: 0.406 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036484.D

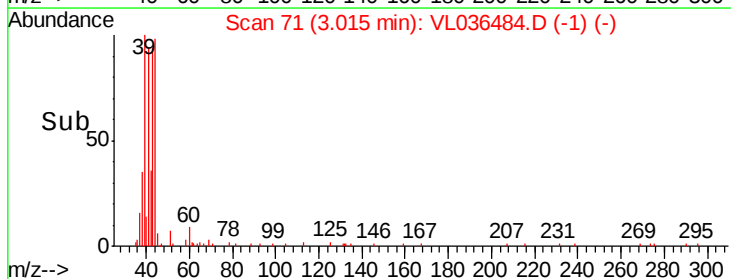
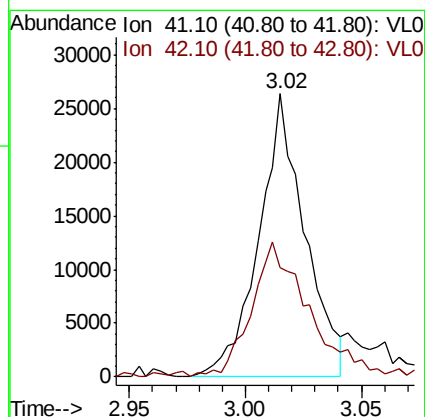
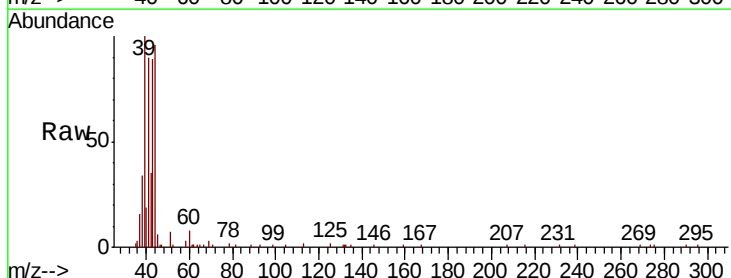
Acq: 25 Mar 2021 13:37

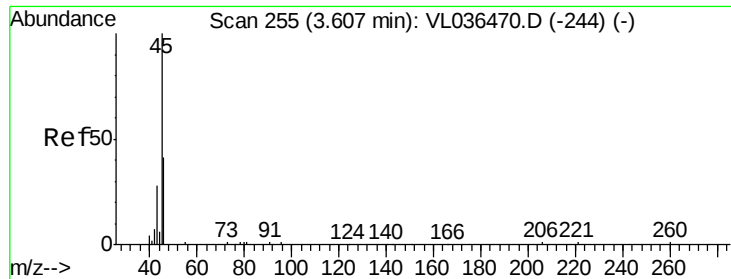
Tgt Ion: 41 Resp: 36365

Ion Ratio Lower Upper

41 100

42 61.1 57.0 85.4



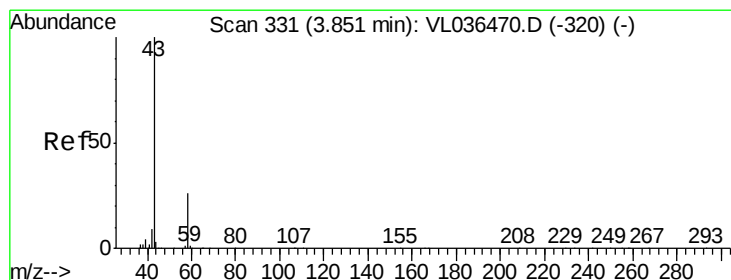
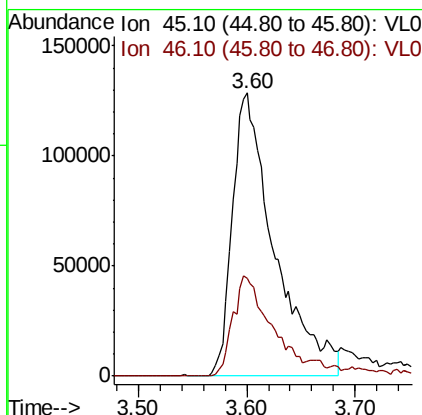
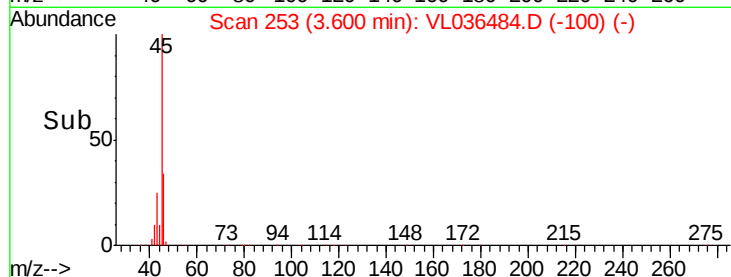
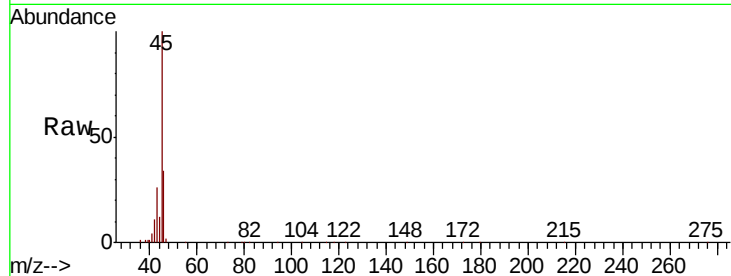


#13
Ethanol
Concen: 32.406 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 13:37

Tot Ion:
Ion Ratio
45 100
46 37.

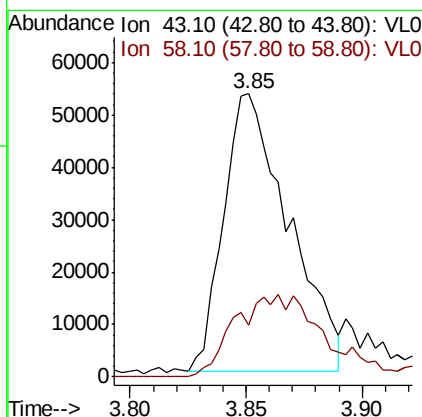
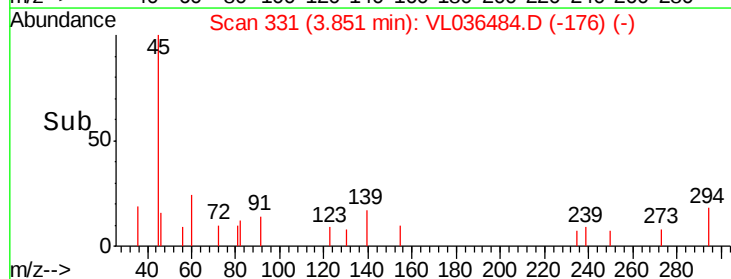
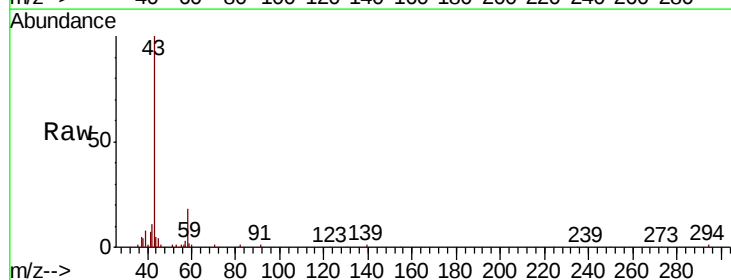
Manual Integrations
APPROVED

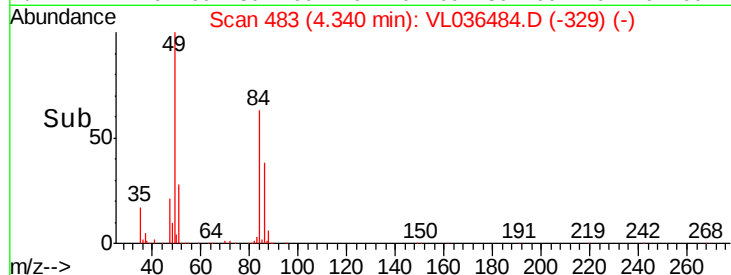
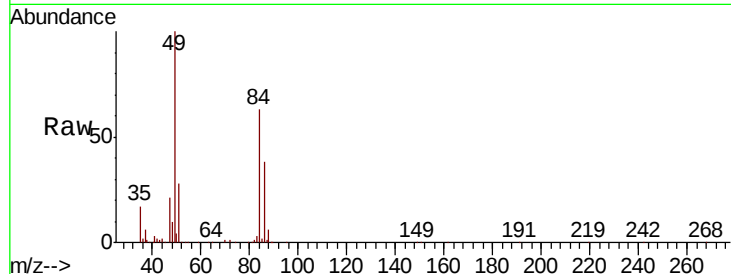
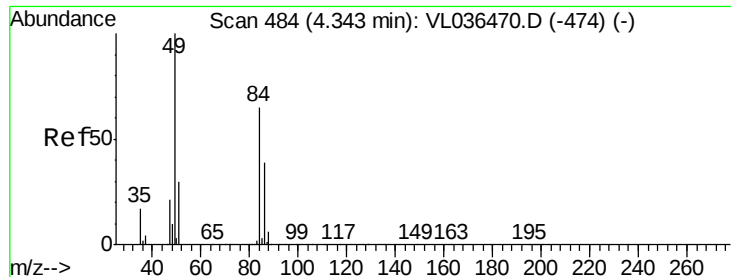
Reviewed By :Semsettin Yesilyurt 03/28/2021
Supervised By :Mahesh Dadoda 03/29/2021



#15
Acetone
Concen: 0.698 ppbv
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion: 43 Resp: 103433
Ion Ratio Lower Upper
43 100
58 43.3 21.2 31.8#



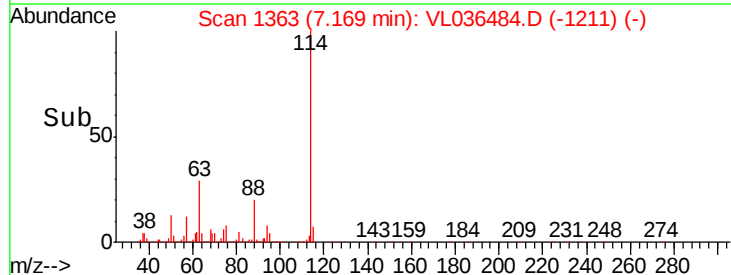
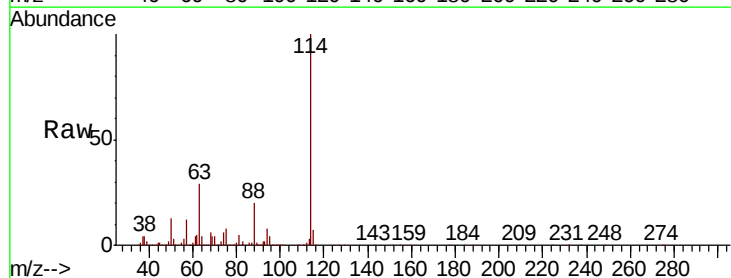
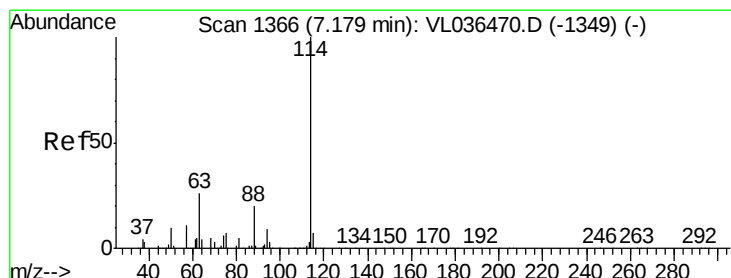
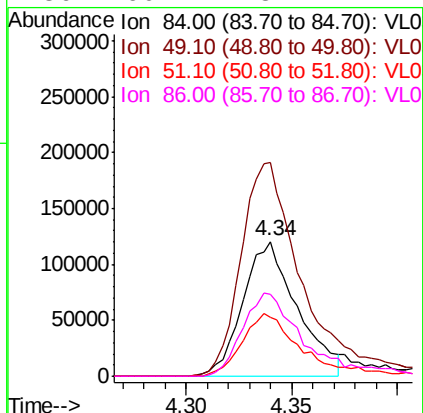


#20
Methylene Chloride
Concen: 3.105 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 13:37

Tot Ion:
Ion Ratio
84 100
49 158.
51 44.
86 60.1 48.2 72.4

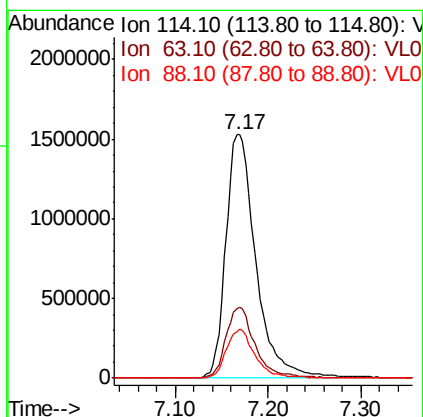
Manual Integrations
APPROVED

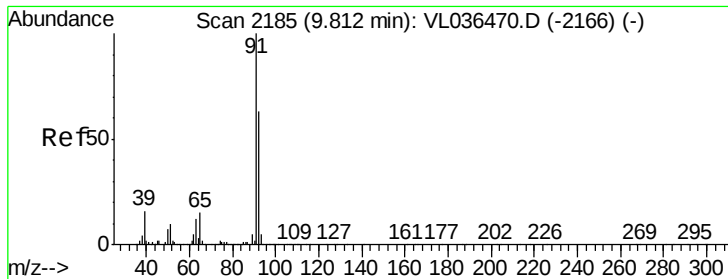
Reviewed By :Semsettin Yesilyurt 03/28/2021
Supervised By :Mahesh Dadoda 03/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL036484.D
Acq: 25 Mar 2021 13:37

Tgt Ion:114 Resp: 3437969
Ion Ratio Lower Upper
114 100
63 28.4 22.4 33.6
88 19.4 15.4 23.0





#53

Toluene

Concen: 0.168 ppbv m

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 13:37

Tot Ion:

Ion Ratio

91 100

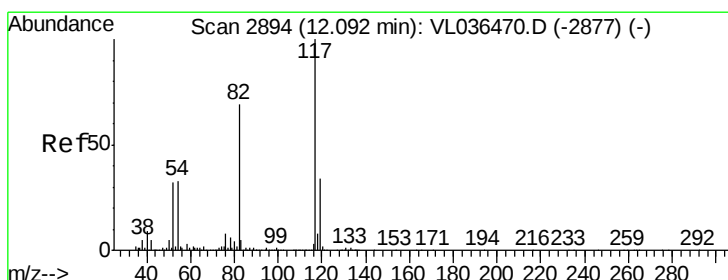
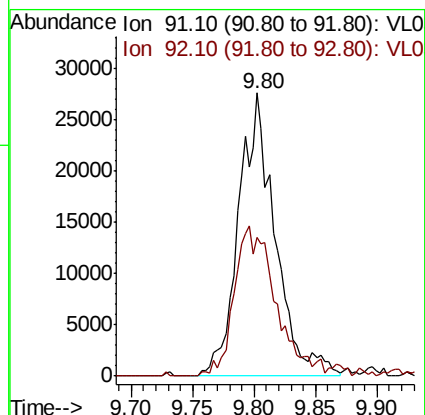
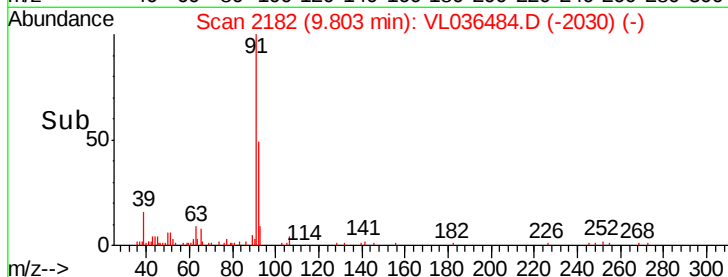
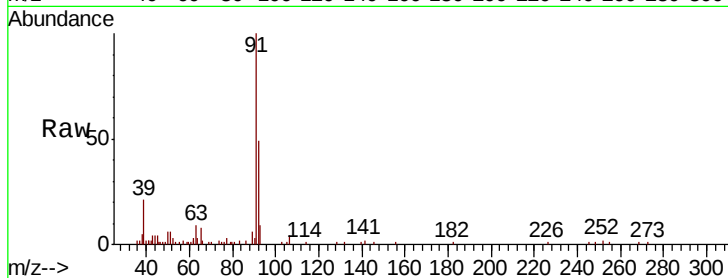
92 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/28/2021

Supervised By :Mahesh Dadoda 03/29/2021



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.08 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL036484.D

Acq: 25 Mar 2021 13:37

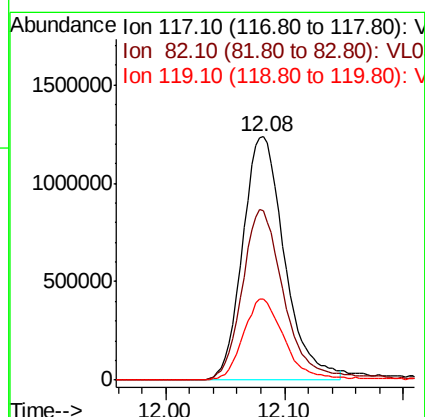
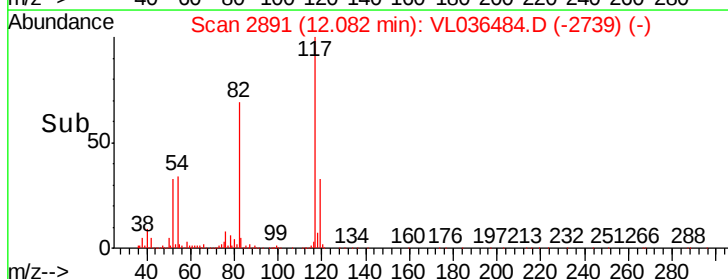
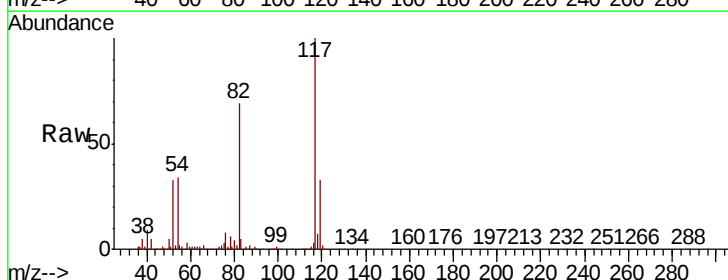
Tgt Ion:117 Resp: 3018554

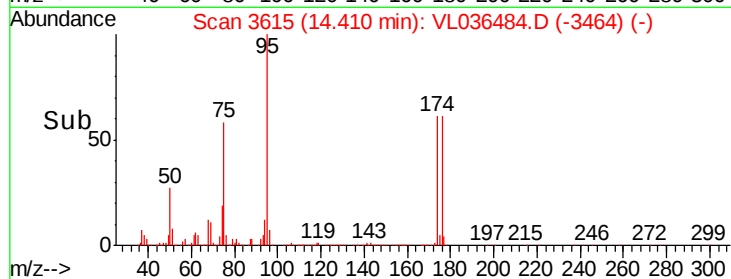
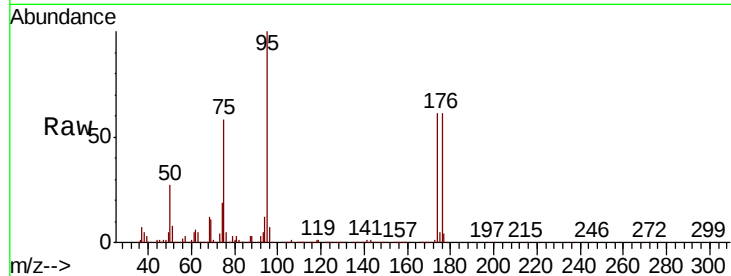
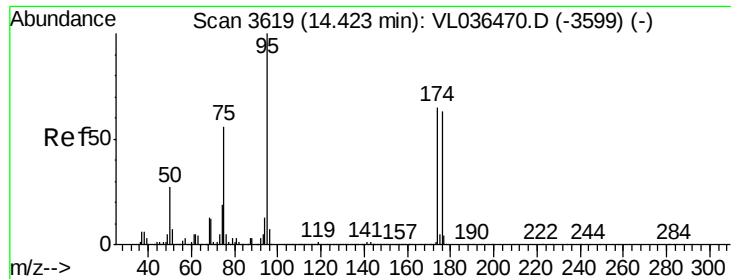
Ion Ratio Lower Upper

117 100

82 71.6 57.4 86.0

119 33.7 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.987 ppbv

RT: 14.41

Delta R.T

Lab File: ClientSampleId :

Acq: 25 Mar 2021 15:57

Tot Ion:

Ion Ratio

95 100

174 64.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/28/2021

Supervised By :Mahesh Dadoda 03/29/2021

