

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036831.D
 Acq On : 20 Apr 2021 21:13
 Operator : SY/AP
 Sample : M2096-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 07:22:58 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	5.67	49	1254814	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2990771	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2484923	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1766212	8.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	31401m	0.420	ppbv	
13) Ethanol	3.61	45	7455683	837.688	ppbv	93
15) Acetone	3.86	43	212635	1.722	ppbv #	89
20) Methylene Chloride	4.35	84	53319	0.922	ppbv	95
26) Hexane	5.70	57	54997	0.404	ppbv #	85
30) Cyclohexane	7.17	84	27083m	0.245	ppbv	
34) 2-Butanone	5.26	43	48244m	0.330	ppbv	

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

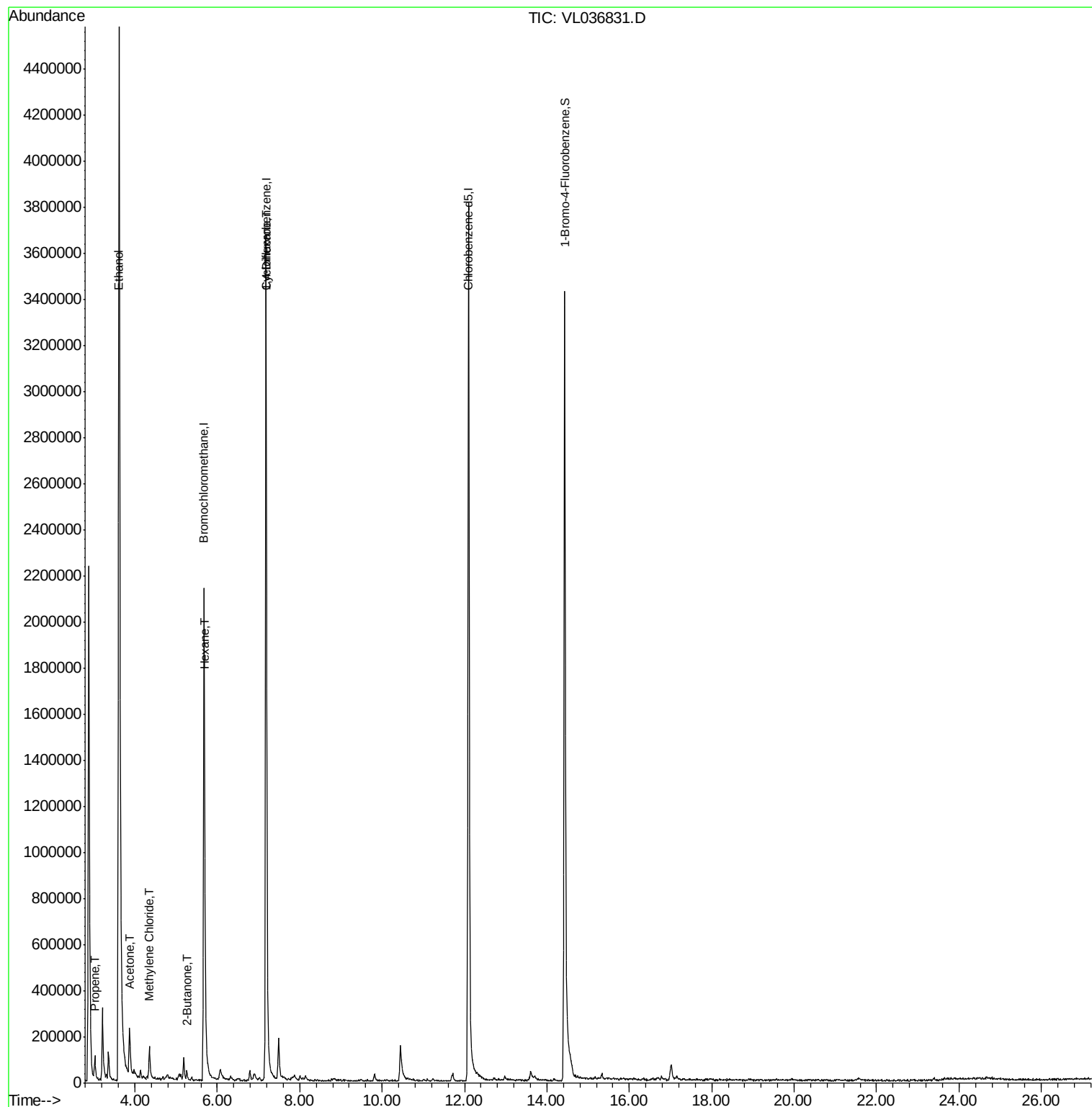
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042021\
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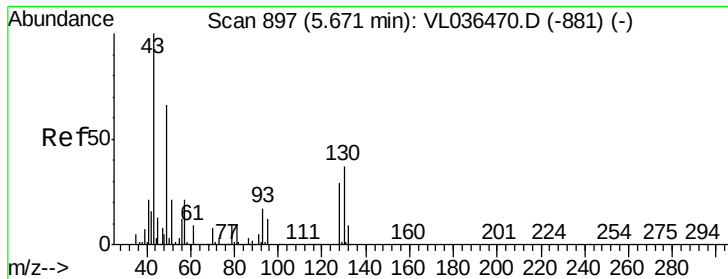
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Supervised By :Mahesh Dadoda 04/21/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 20 Apr 2021 21:13

Tot Ion:

Ion Ratio

49 100

128 46.

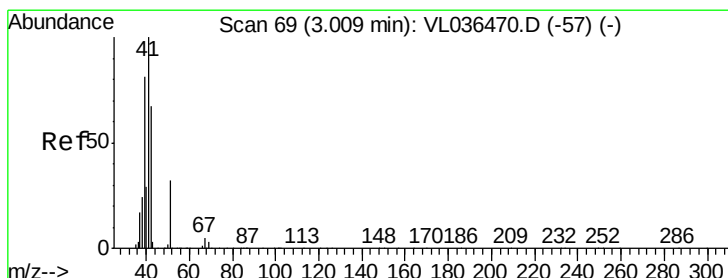
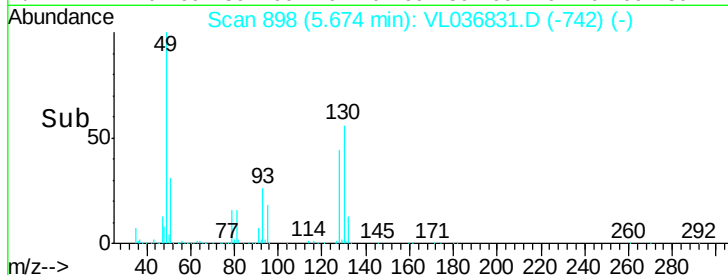
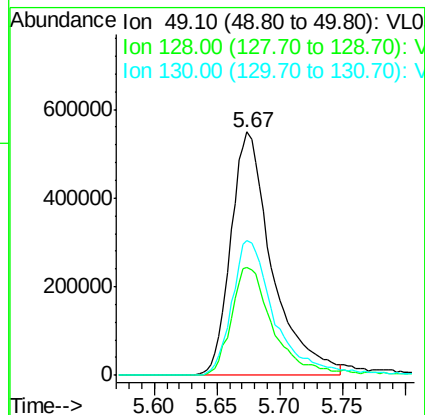
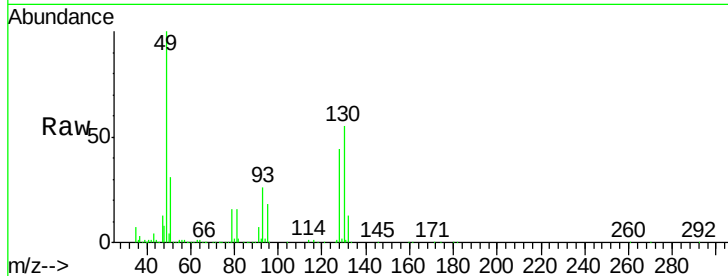
130 58.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2021



#9

Propene

Concen: 0.420 ppbv m

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL036831.D

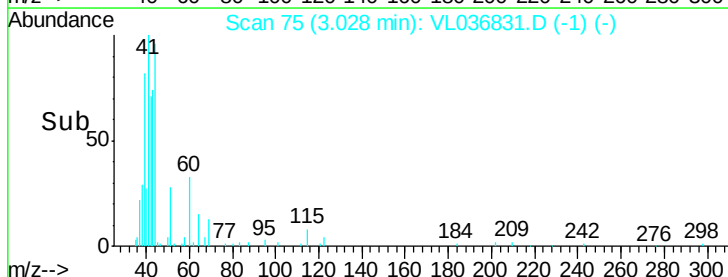
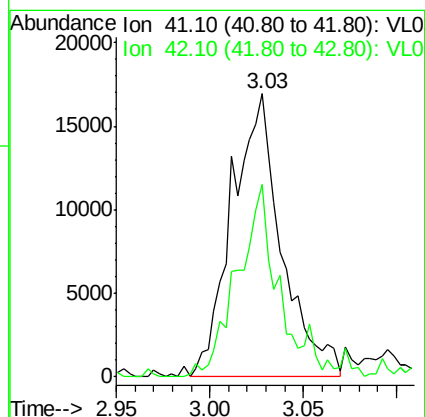
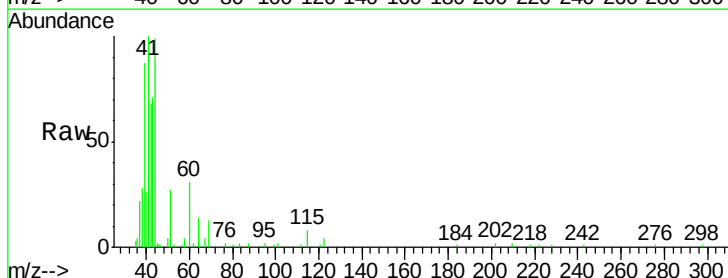
Acq: 20 Apr 2021 21:13

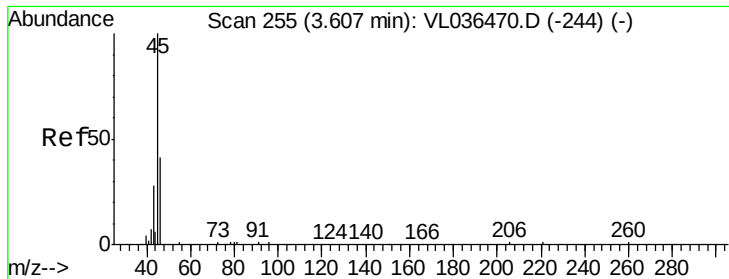
Tgt Ion: 41 Resp: 31401

Ion Ratio Lower Upper

41 100

42 0.0 57.0 85.4#



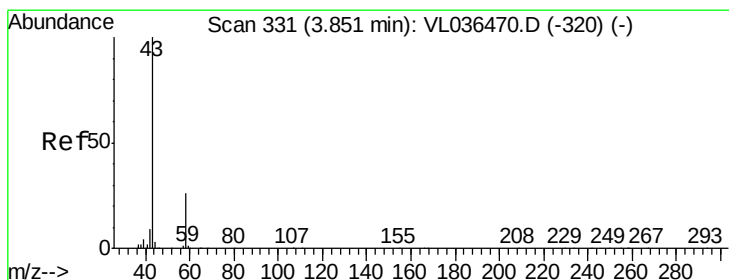
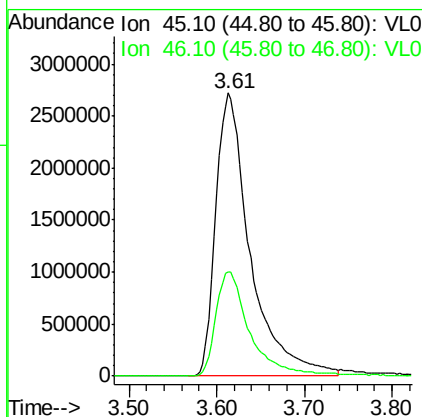
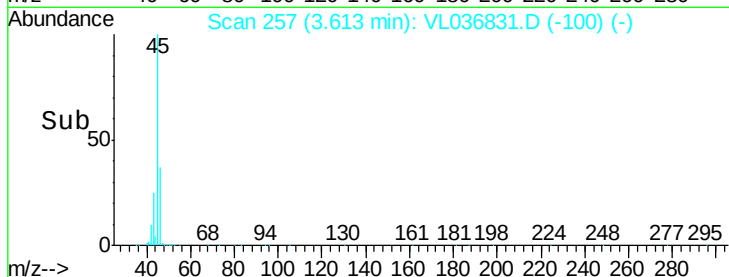
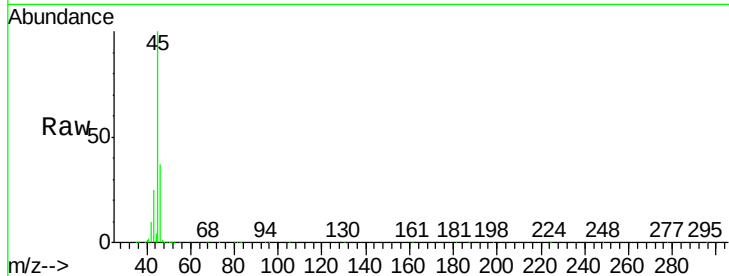


#13
Ethanol
Concen: 837.688 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 21:13

Tot Ion:
Ion Ratio
45 100
46 37.

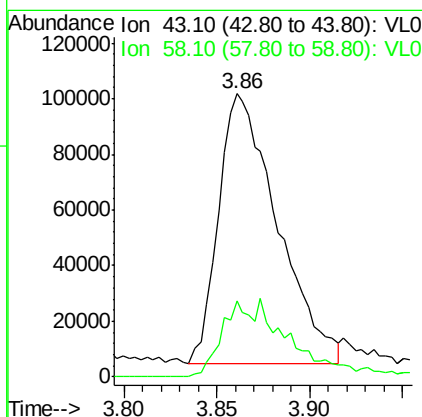
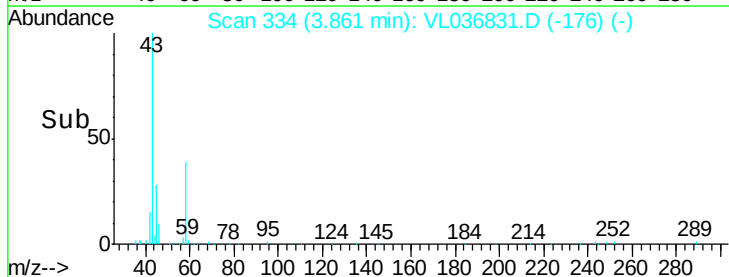
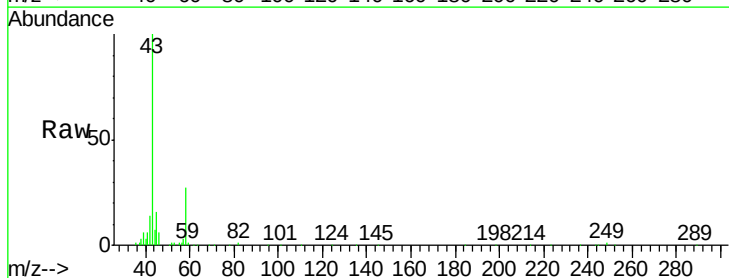
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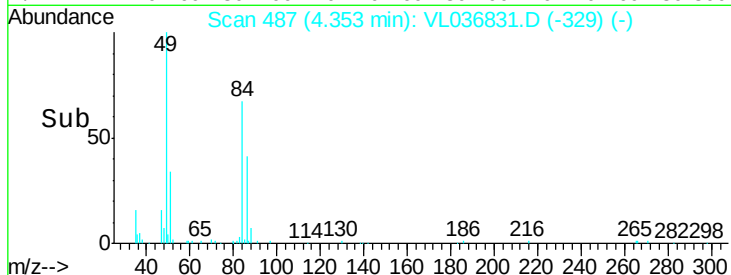
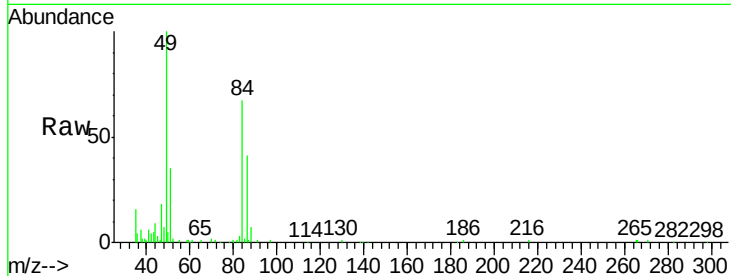
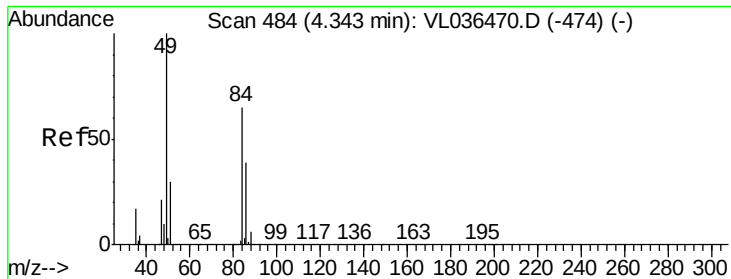
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#15
Acetone
Concen: 1.722 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL036831.D
Acq: 20 Apr 2021 21:13

Tgt Ion: 43 Resp: 212635
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8#



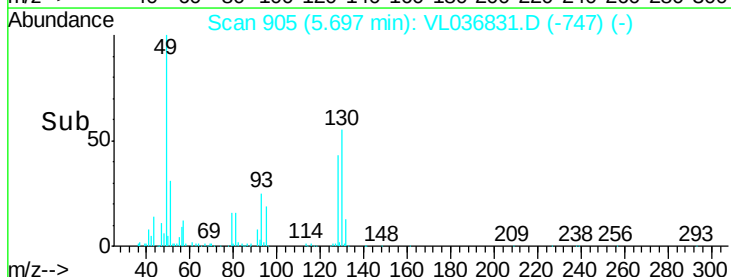
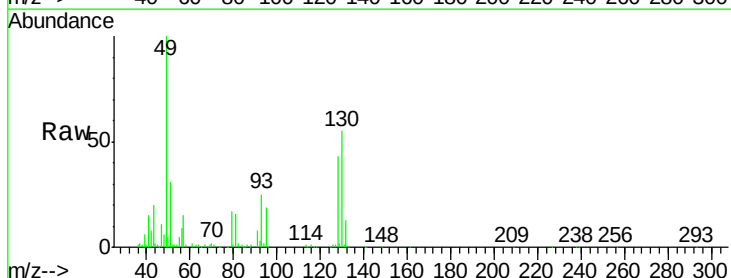
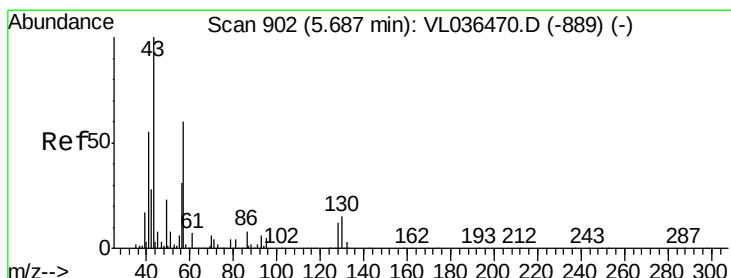
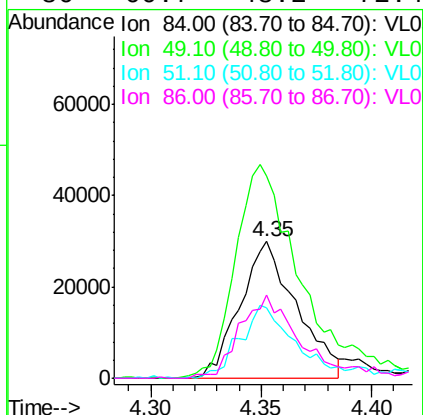


#20
Methvlene Chloride
Concen: 0.922 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 20 Apr 2021 21:13

Tot Ion:
Ion Ratio
84 100
49 146.
51 50.
86 60.7 48.2 72.4

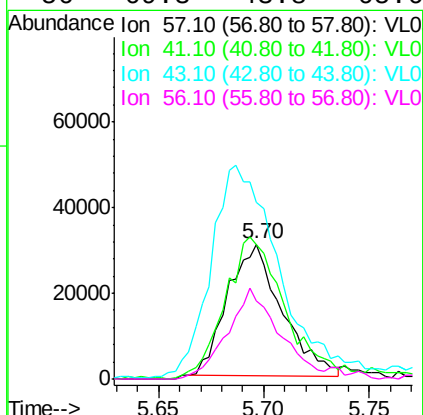
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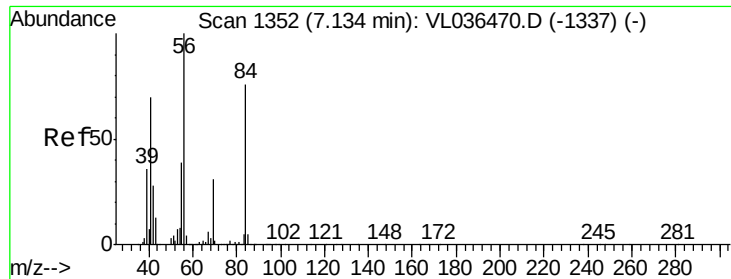
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#26
Hexane
Concen: 0.404 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL036831.D
Acq: 20 Apr 2021 21:13

Tgt Ion: 57 Resp: 54997
Ion Ratio Lower Upper
57 100
41 129.0 77.2 115.8#
43 208.1 173.8 260.6
56 69.3 43.8 65.6#



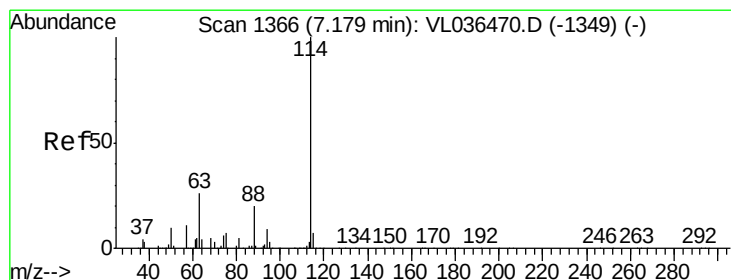
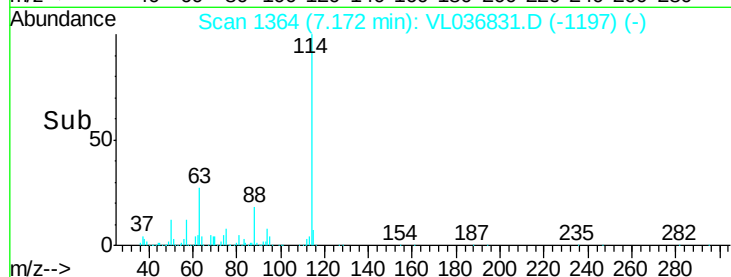
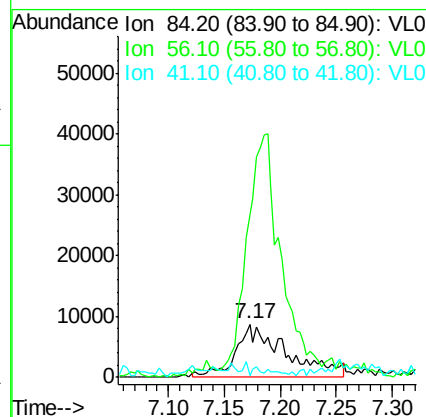
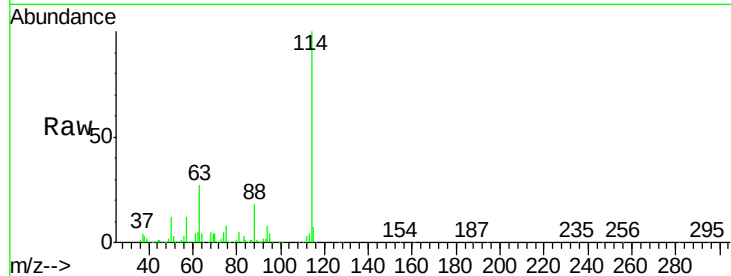


#30
Cvclohexane
Concen: 0.245 ppbv m
RT: 7.17
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 20 Apr 2021 21:13

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

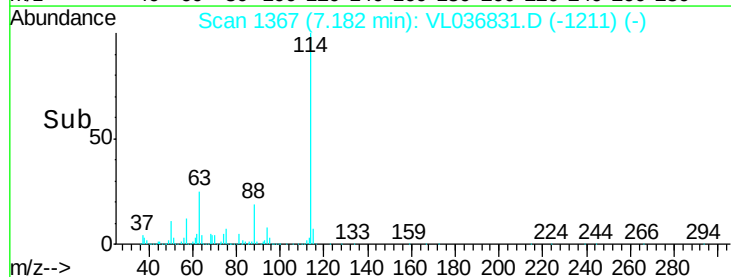
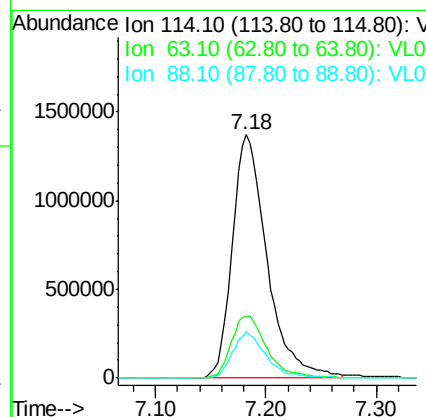
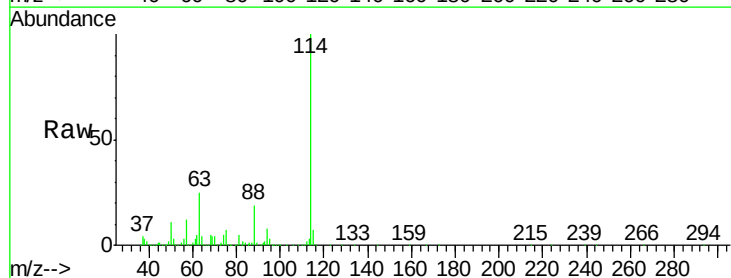
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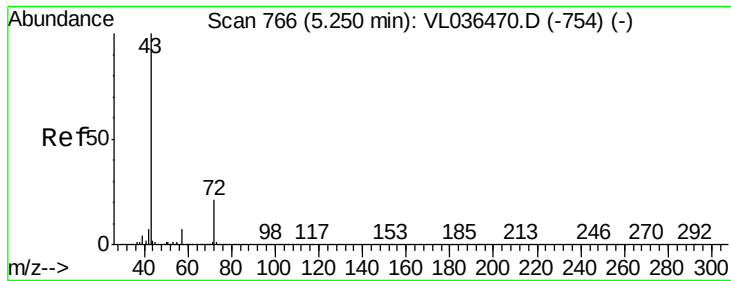
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL036831.D
Acq: 20 Apr 2021 21:13

Tgt Ion:114 Resp: 2990771
Ion Ratio Lower Upper
114 100
63 26.7 22.4 33.6
88 18.5 15.4 23.0



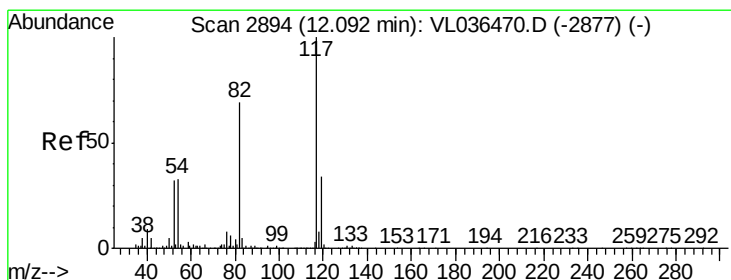
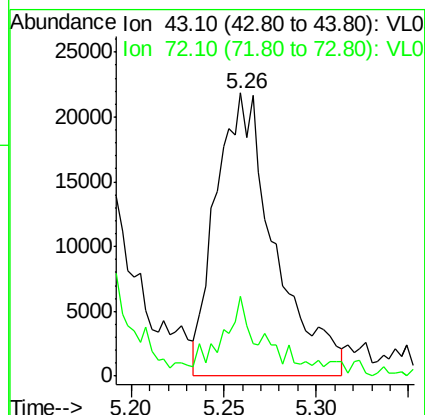
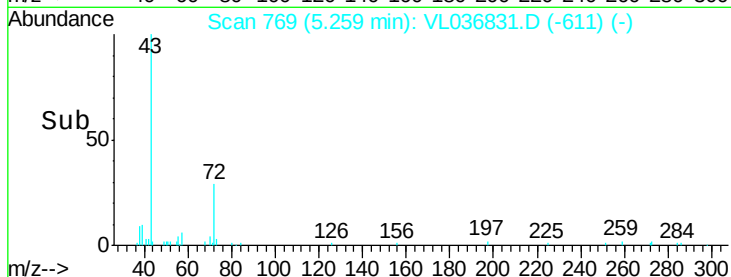
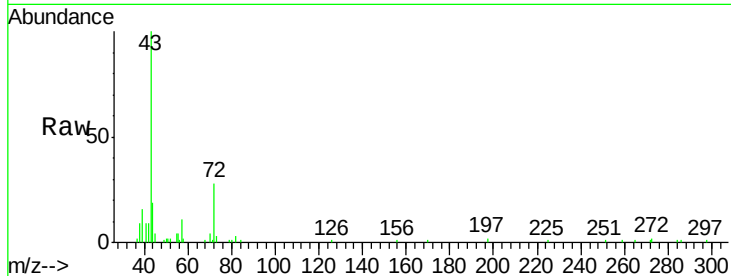


#34
2-Butanone
Concen: 0.330 ppbv m
RT: 5.26
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 21:13

Tot Ion:
Ion Ratio
43 100
72 0.

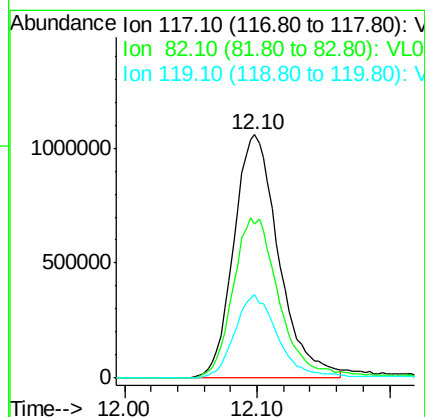
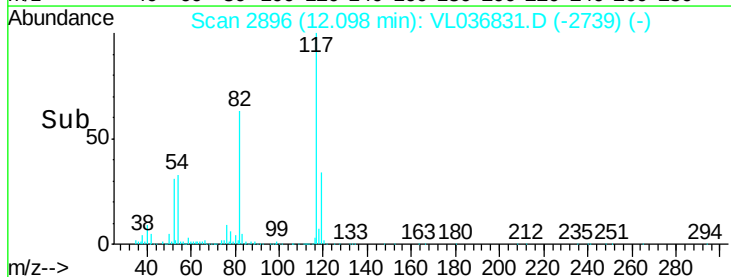
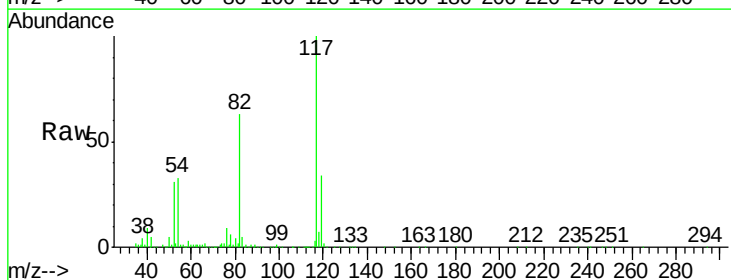
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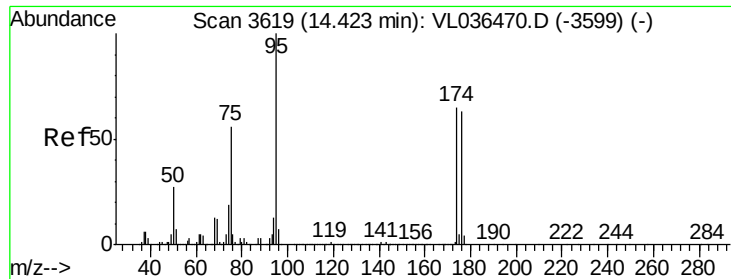
Reviewed By : Semsettin Yesilyurt 04/21/2021
Supervised By : Mahesh Dadoda 04/21/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T.: 0.01 min
Lab File: VL036831.D
Acq: 20 Apr 2021 21:13

Tgt Ion: 117 Resp: 2484923
Ion Ratio Lower Upper
117 100
82 70.3 57.4 86.0
119 33.9 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.918 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 21:15

Tot Ion:

Ion Ratio

95 100

174 69.

175 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021

