

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036827.D
 Acq On : 20 Apr 2021 18:35
 Operator : SY/AP
 Sample : M2096-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 07:10:58 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	5.68	49	1236438	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3001995	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2478220	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1750345	8.86	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	14497	0.197	ppbv	98
13) Ethanol	3.64	45	40839m	4.657	ppbv	
15) Acetone	3.88	43	106645	0.876	ppbv #	70
20) Methylene Chloride	4.36	84	34929m	0.613	ppbv	
26) Hexane	5.70	57	24512m	0.183	ppbv	
30) Cyclohexane	7.18	84	26427m	0.243	ppbv	
34) 2-Butanone	5.29	43	23801m	0.162	ppbv	

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

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Quant Time: Apr 21 07:10:58 2021

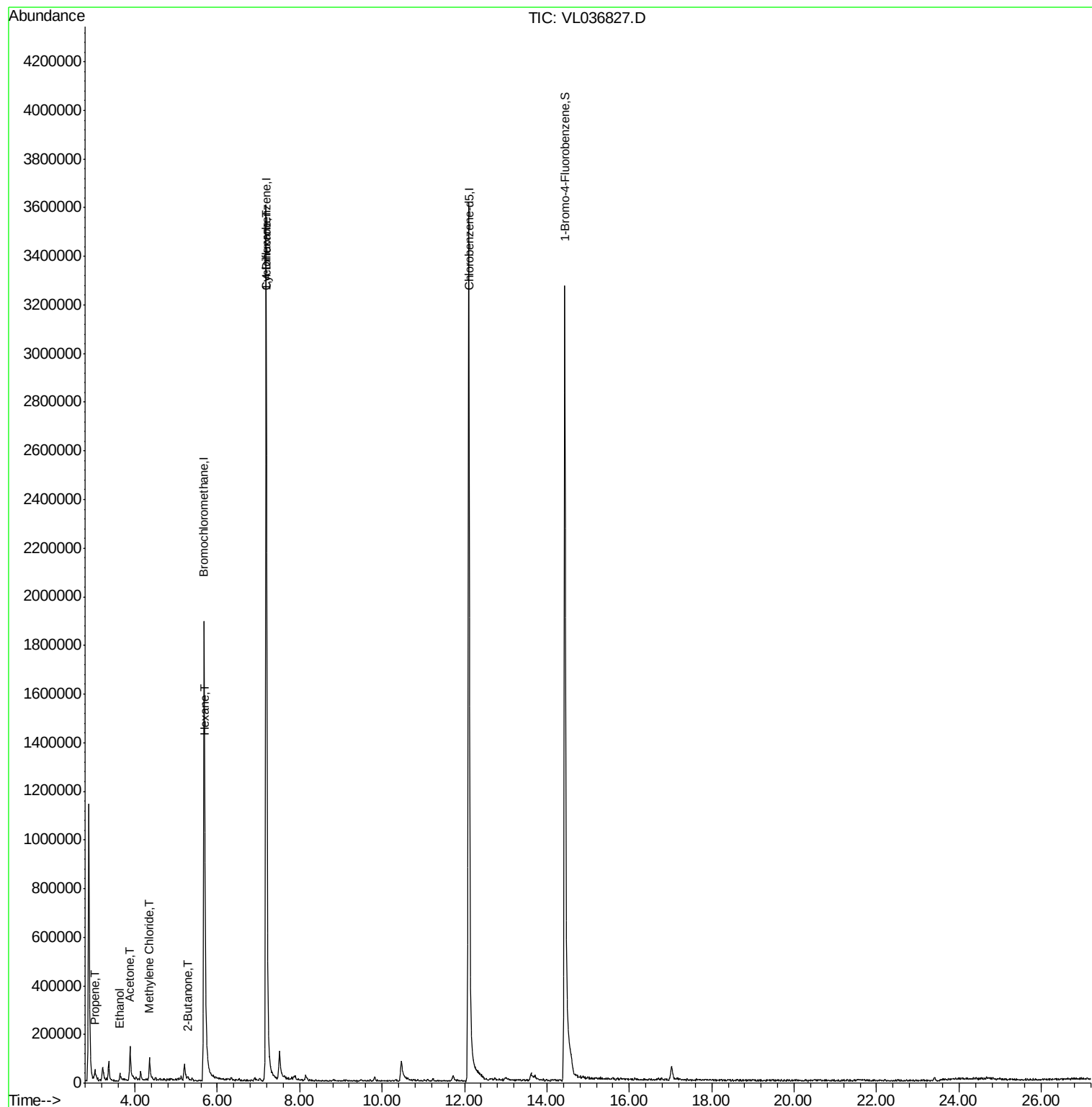
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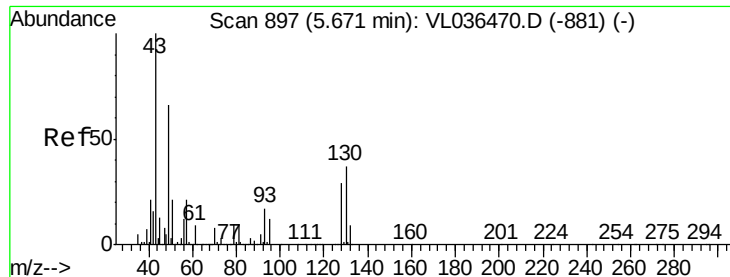
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: OA1DL

Acq: 20 Apr 2021 18:35

Tot Ion:

Ion Ratio

49 100

128 44.

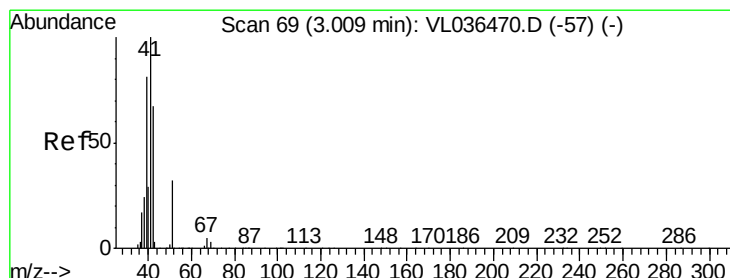
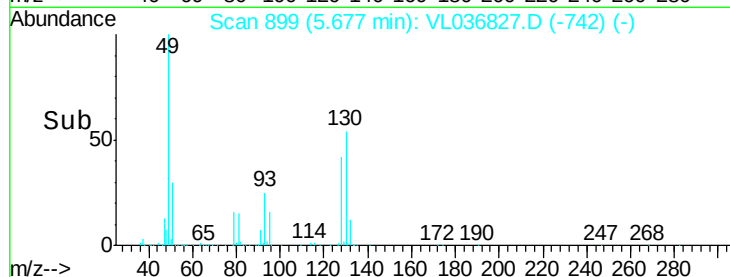
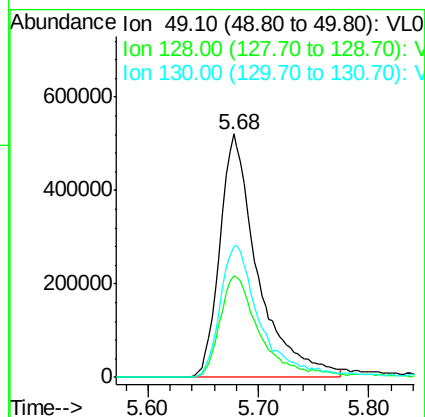
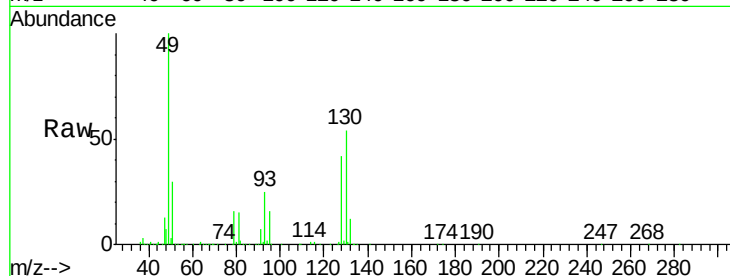
130 59.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2021



#9

Propene

Concen: 0.197 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL036827.D

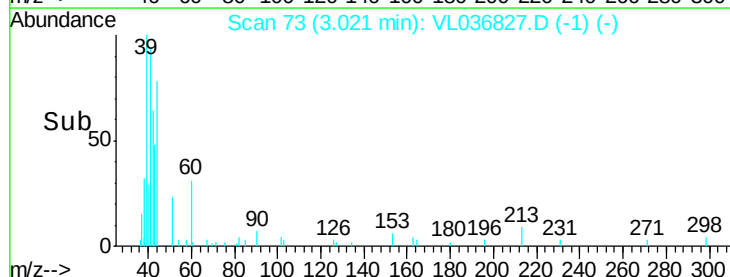
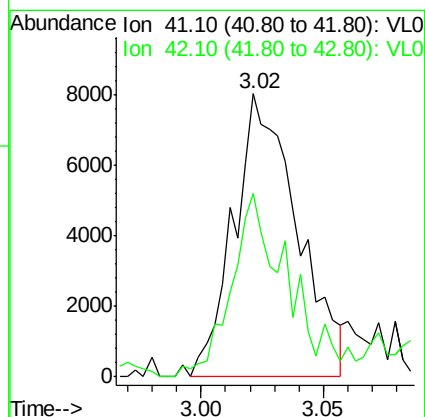
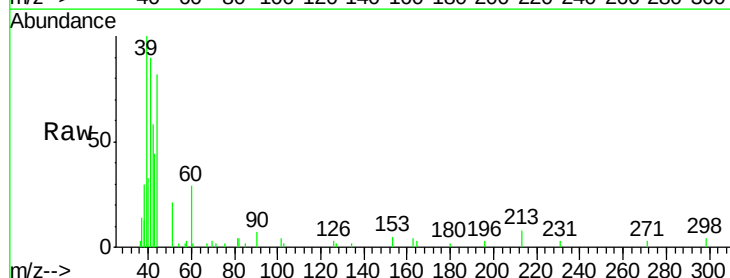
Acq: 20 Apr 2021 18:35

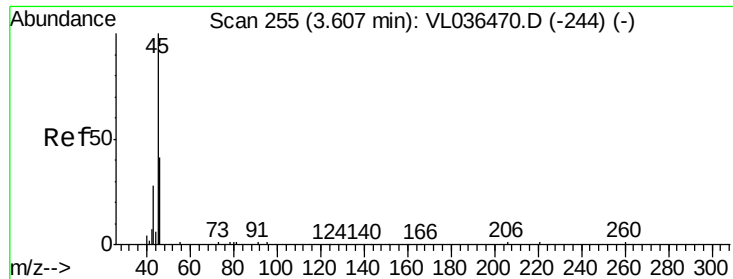
Tgt Ion: 41 Resp: 14497

Ion Ratio Lower Upper

41 100

42 72.8 57.0 85.4



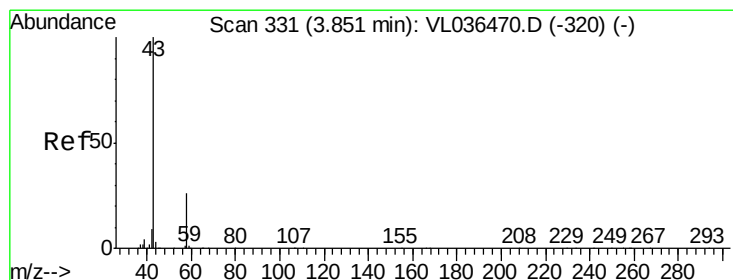
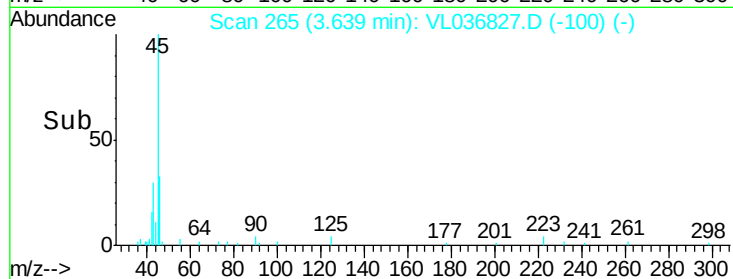
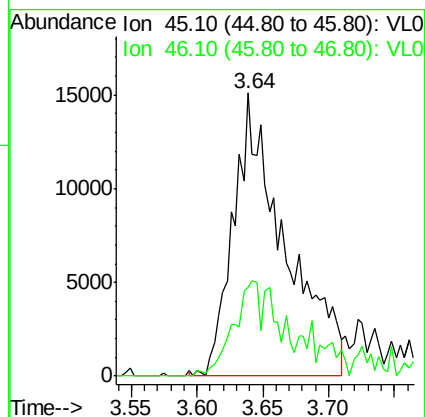
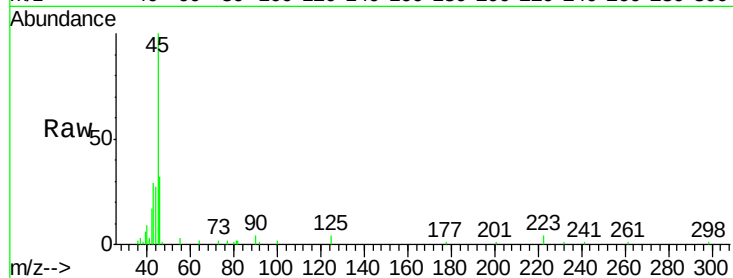


#13
Ethanol
Concen: 4.657 ppbv m
RT: 3.64
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Apr 2021 18:35

Tot Ion:
Ion Ratio
45 100
46 32.

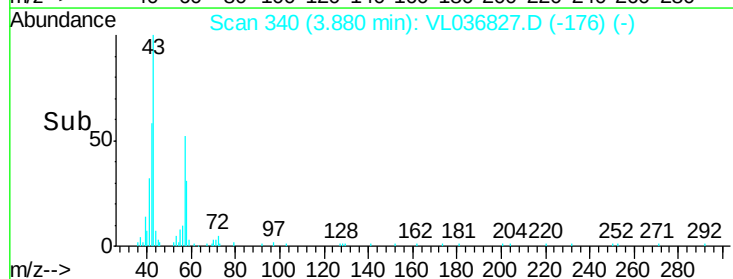
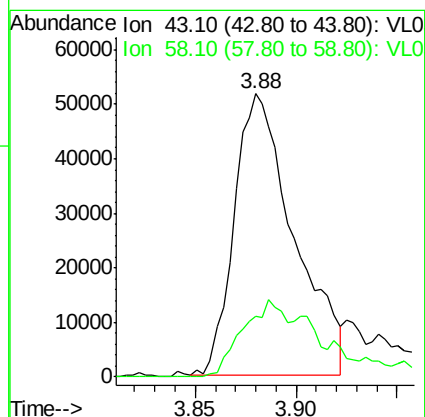
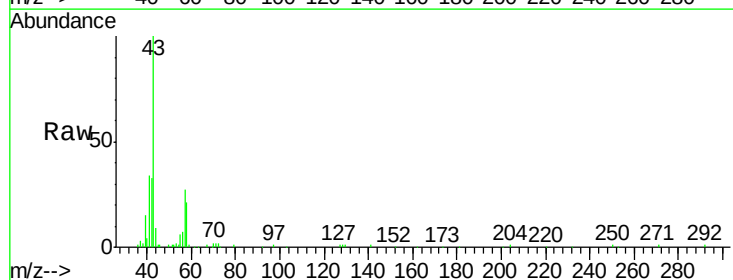
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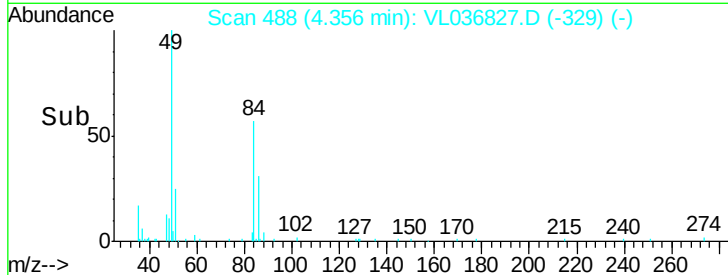
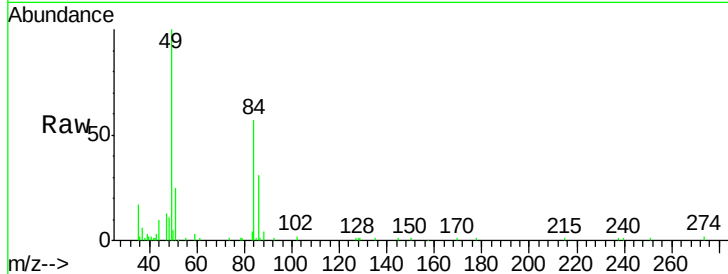
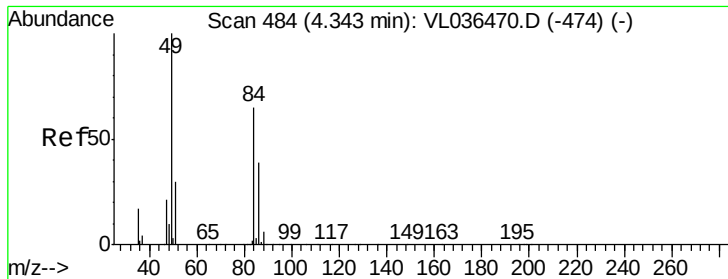
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#15
Acetone
Concen: 0.876 ppbv
RT: 3.88 min Scan# 340
Delta R.T. 0.03 min
Lab File: VL036827.D
Acq: 20 Apr 2021 18:35

Tgt Ion: 43 Resp: 106645
Ion Ratio Lower Upper
43 100
58 41.9 21.2 31.8#



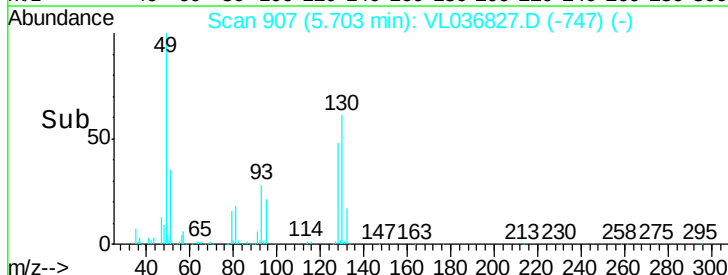
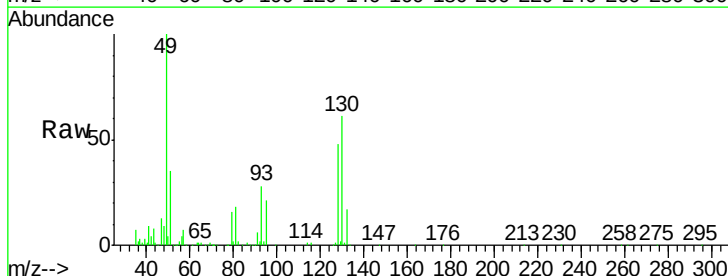
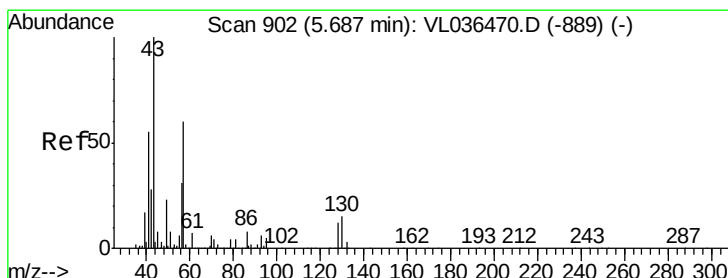
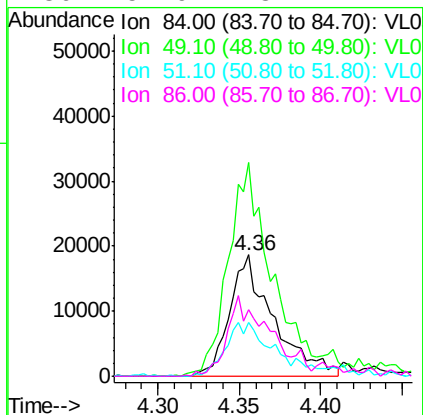


#20
Methvlene Chloride
Concen: 0.613 ppbv m
RT: 4.36
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 18:35

Tot Ion:
Ion Ratio
84 100
49 175.
51 44.
86 54.9 48.2 72.4

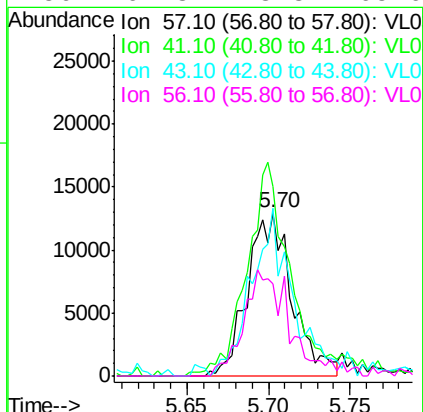
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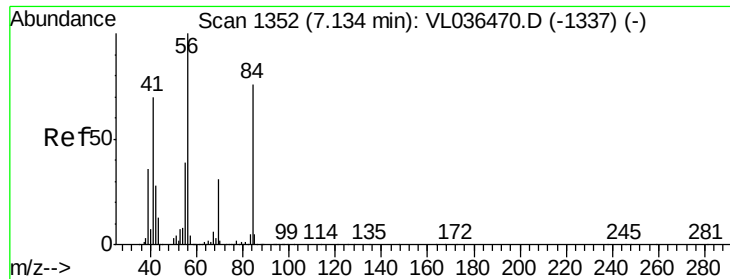
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#26
Hexane
Concen: 0.183 ppbv m
RT: 5.70 min Scan# 907
Delta R.T. 0.02 min
Lab File: VL036827.D
Acq: 20 Apr 2021 18:35

Tgt Ion: 57 Resp: 24512
Ion Ratio Lower Upper
57 100
41 0.0 77.2 115.8#
43 0.0 173.8 260.6#
56 67.8 43.8 65.6#



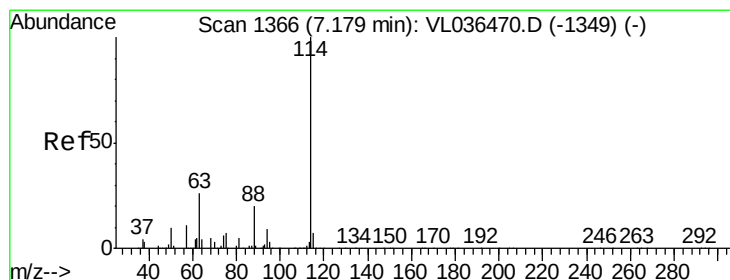
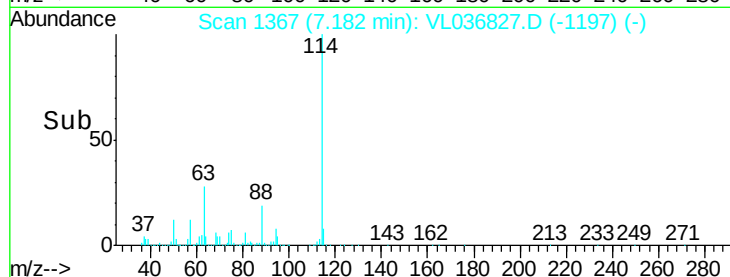
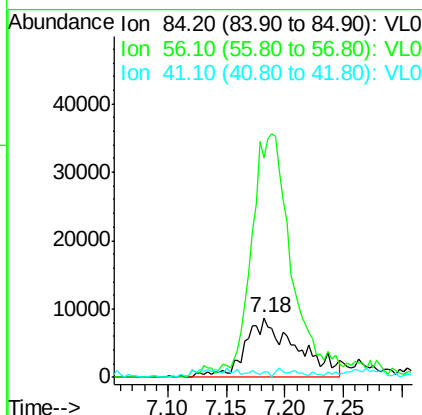
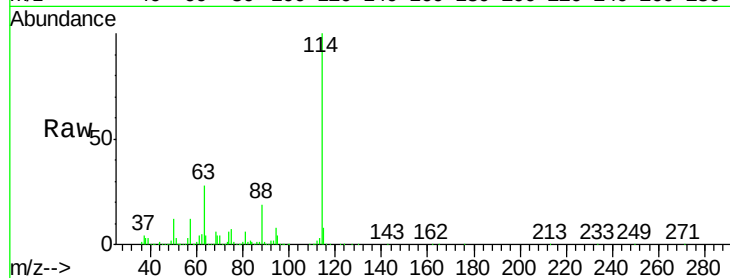


#30
Cvclohexane
Concen: 0.243 ppbv m
RT: 7.18
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 18:35

Tot Ion:
Ion Ratio
84 100
56 0.
41 10.

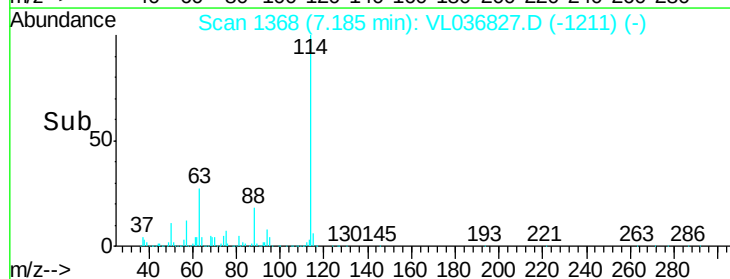
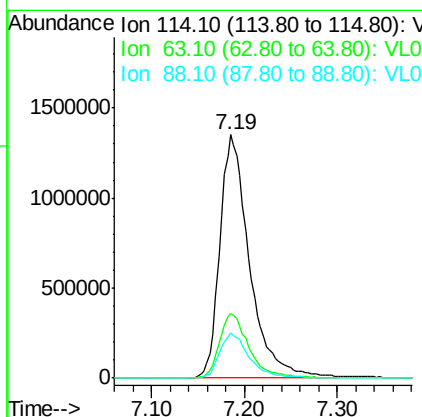
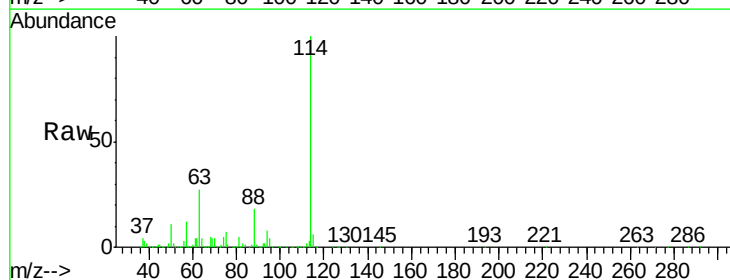
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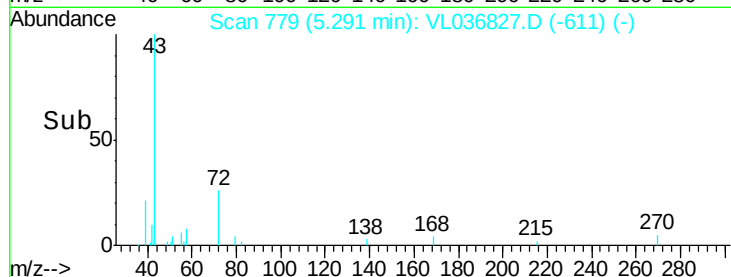
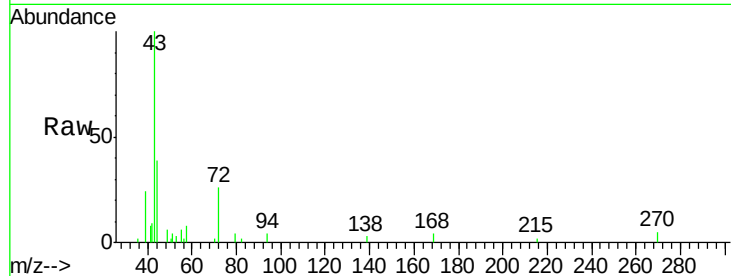
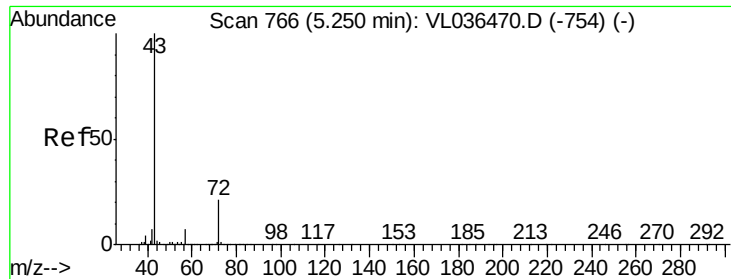
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL036827.D
Acq: 20 Apr 2021 18:35

Tgt Ion:114 Resp: 3001995
Ion Ratio Lower Upper
114 100
63 26.8 22.4 33.6
88 18.6 15.4 23.0



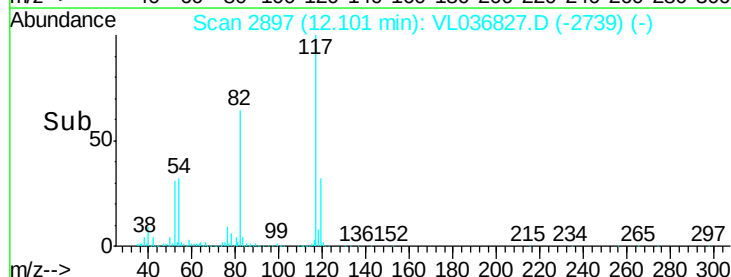
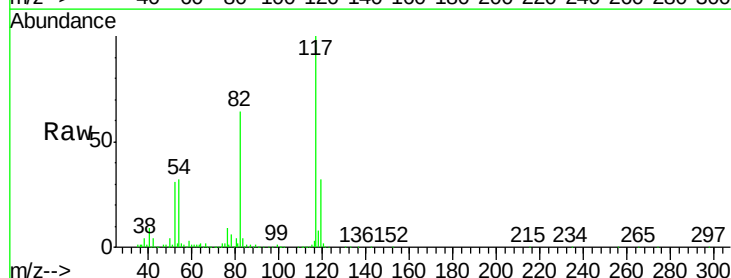
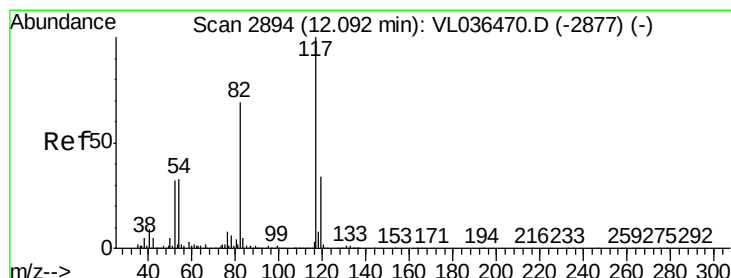
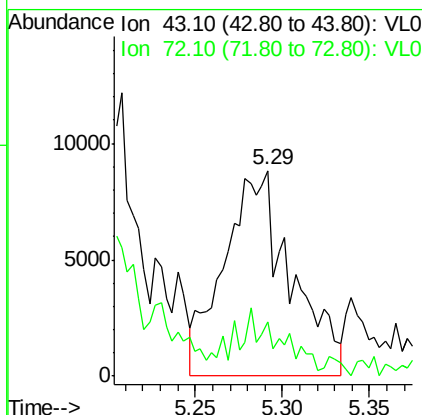


#34
2-Butanone
Concen: 0.162 ppbv m
RT: 5.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Apr 2021 18:35

Tot Ion:
Ion Ratio
43 100
72 0.

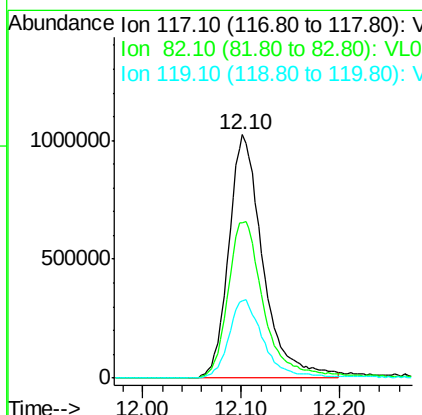
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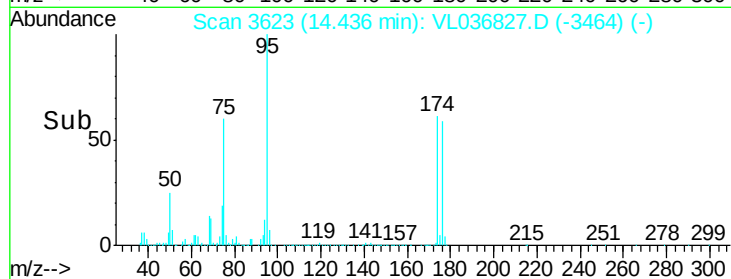
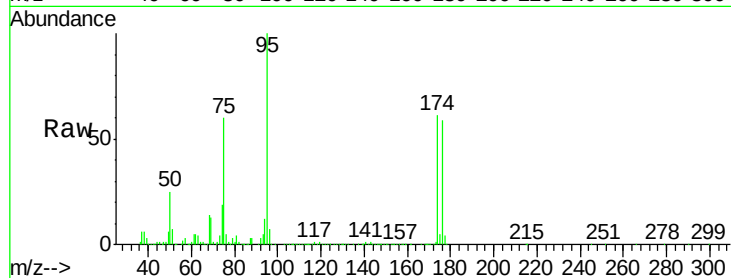
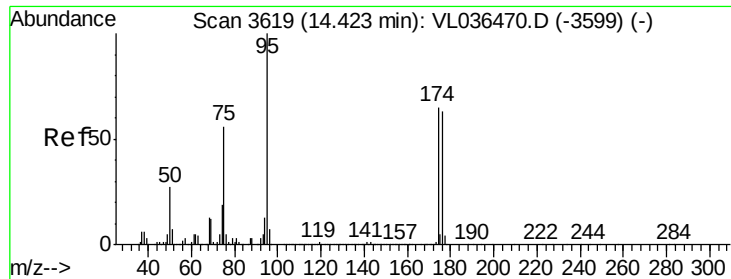
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036827.D
Acq: 20 Apr 2021 18:35

Tgt Ion:117 Resp: 2478220
Ion Ratio Lower Upper
117 100
82 70.1 57.4 86.0
119 33.2 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 8.862 ppbv

RT: 14.44

Delta R.T

Lab File: ClientSampleId :

Acq: 20 Apr 2021 18:35

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

