

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042021\
 Data File : VL036829.D
 Acq On : 20 Apr 2021 19:54
 Operator : SY/AP
 Sample : M2096-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 07:17:30 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	1193295	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3017765	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2519908	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1884956	9.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	29074	0.409	ppbv	96
13) Ethanol	3.62	45	8981319	1061.124	ppbv	94
15) Acetone	3.86	43	218565	1.861	ppbv	90
20) Methylene Chloride	4.35	84	51778	0.942	ppbv	90
25) Ethyl Acetate	5.69	43	118519	0.424	ppbv #	96
30) Cyclohexane	7.18	84	29066m	0.277	ppbv	
34) 2-Butanone	5.26	43	34320	0.233	ppbv #	79

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

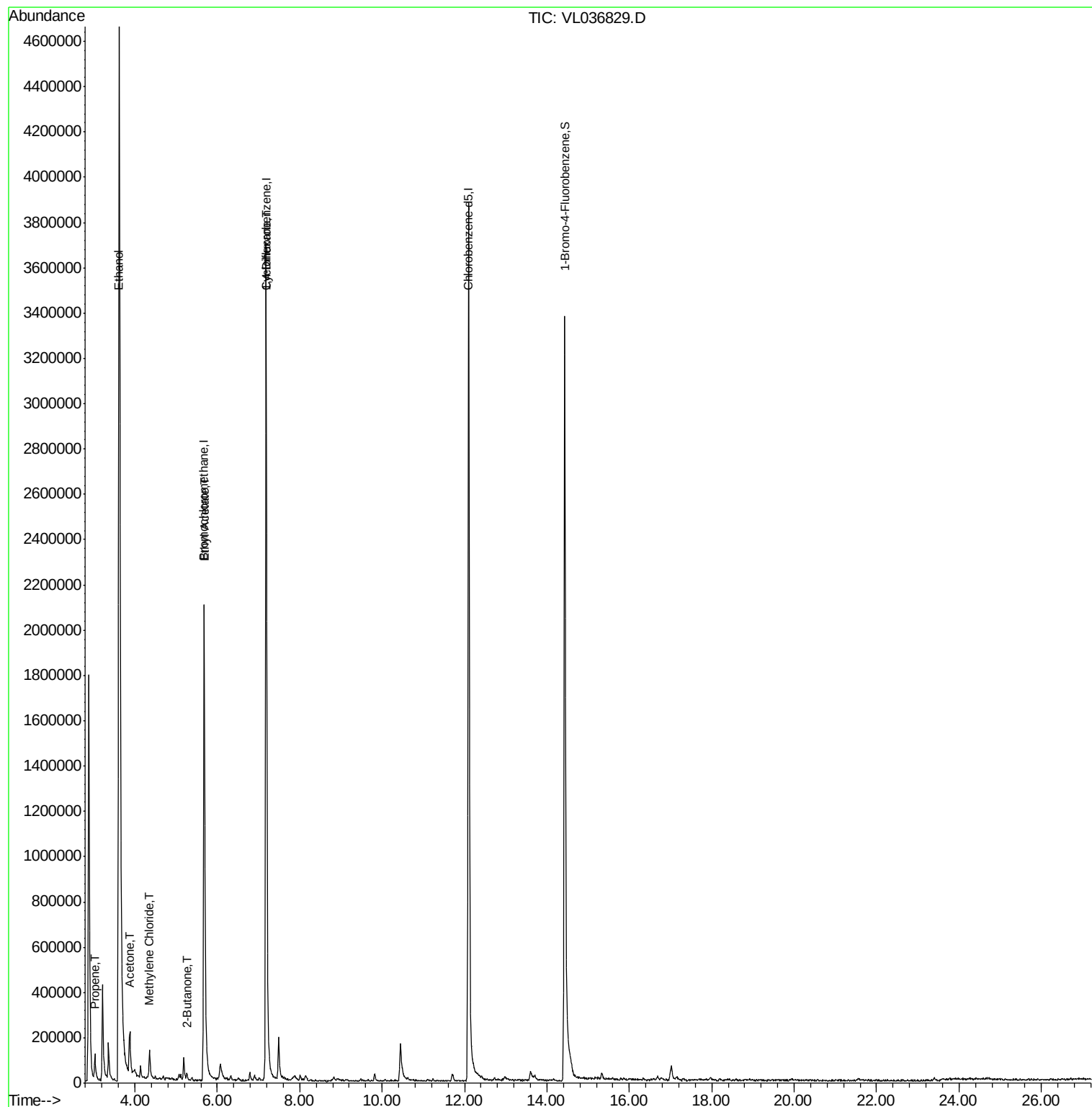
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL042021\
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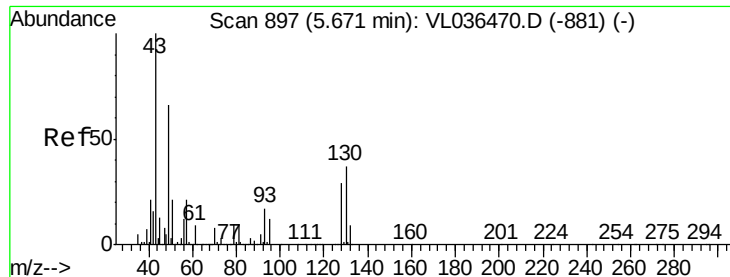
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Manual Integrations
APPROVED

Quant Time: Apr 21 07:17:30 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

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Supervised By :Mahesh Dadoda 04/21/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DL

Acq: 20 Apr 2021 19:54

Tot Ion:

Ion Ratio

49 100

128 48.

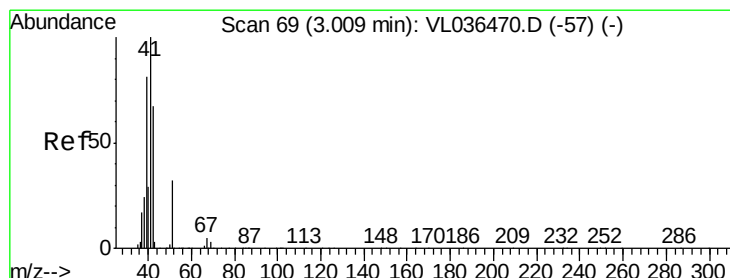
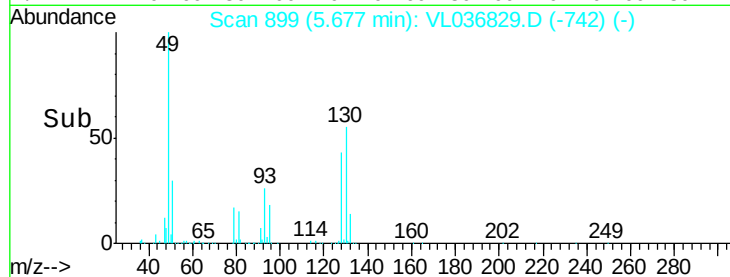
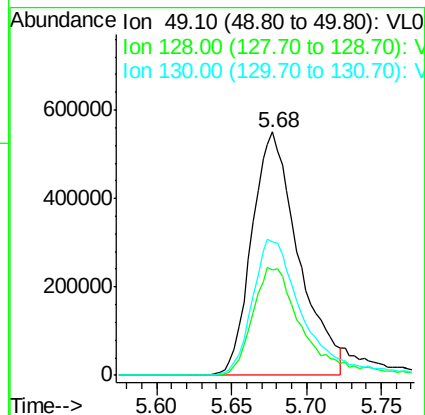
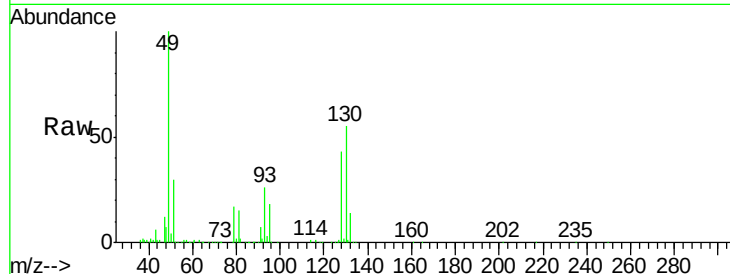
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/21/2021

Supervised By :Mahesh Dadoda 04/21/2021



#9

Propene

Concen: 0.409 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL036829.D

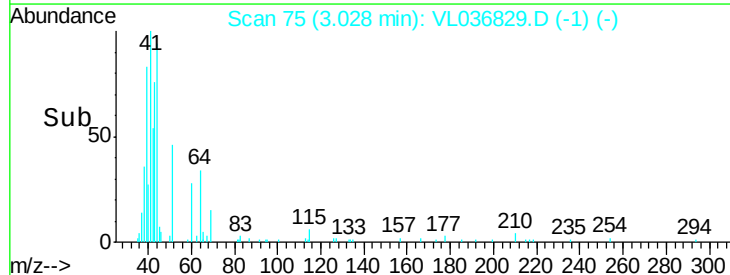
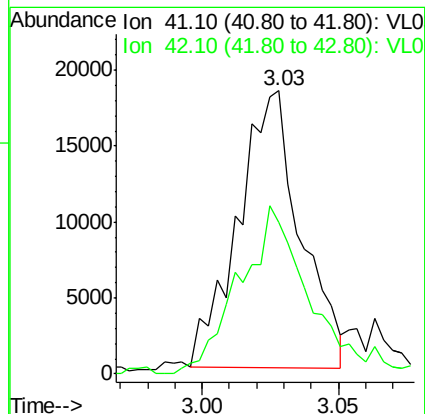
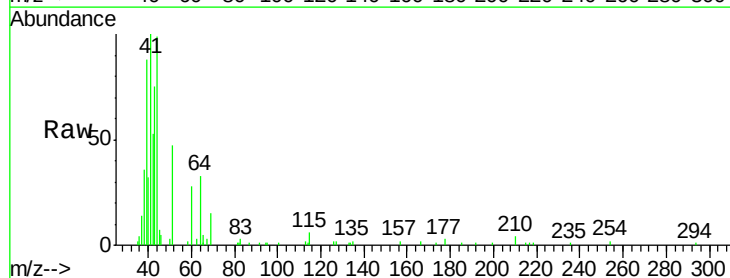
Acq: 20 Apr 2021 19:54

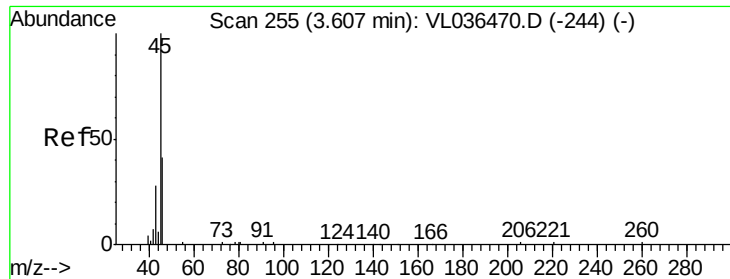
Tgt Ion: 41 Resp: 29074

Ion Ratio Lower Upper

41 100

42 67.7 57.0 85.4



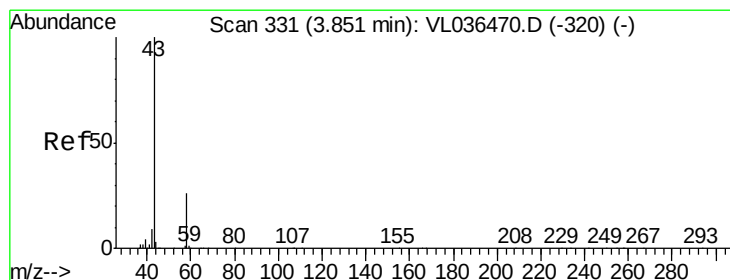
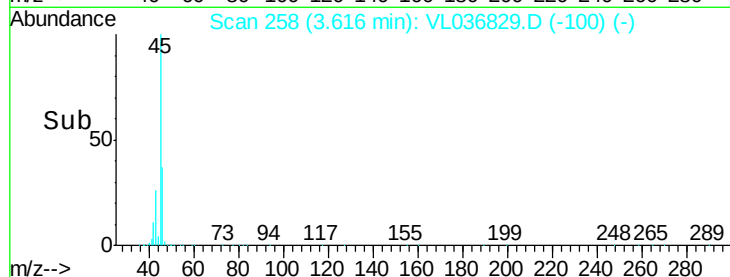
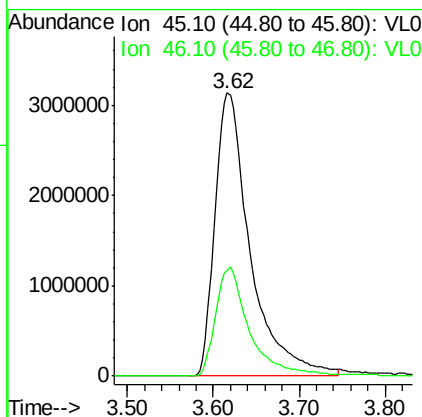
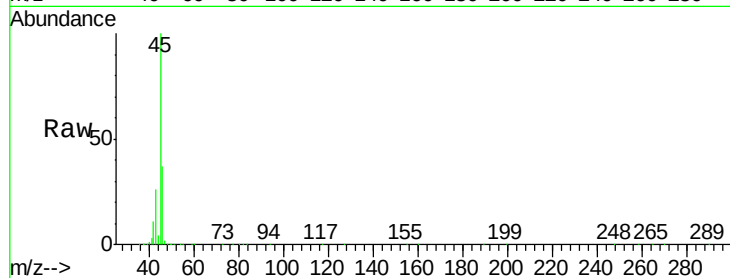


#13
 Ethanol
 Concen: 1061.124 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Apr 2021 19:54

Tot Ion:
 Ion Ratio
 45 100
 46 37.

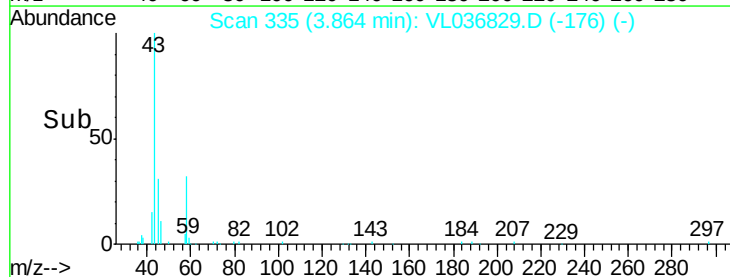
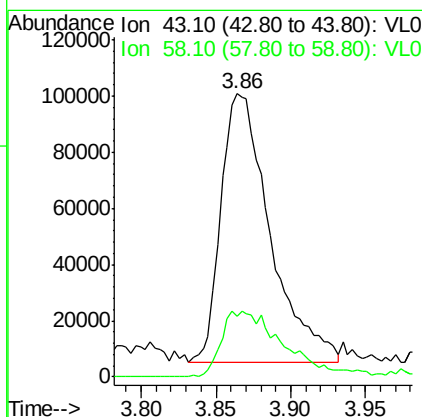
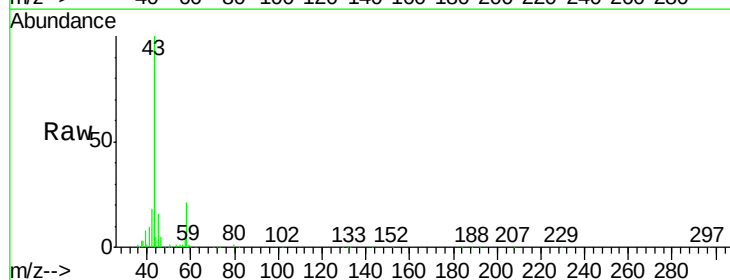
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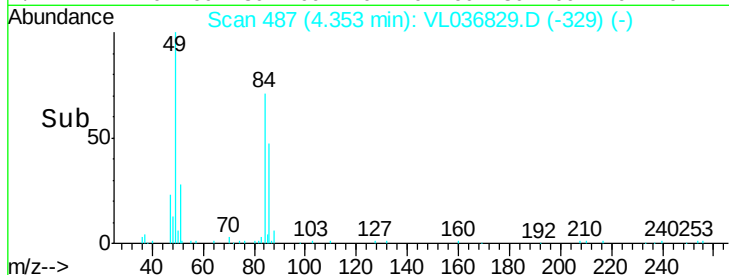
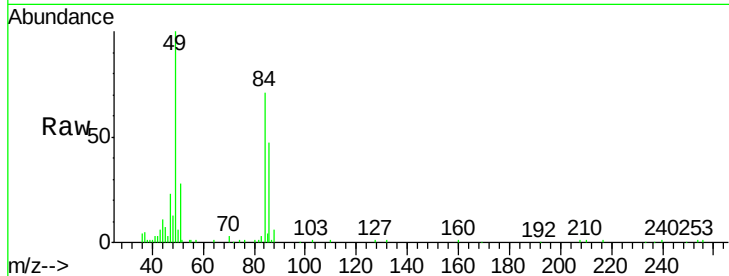
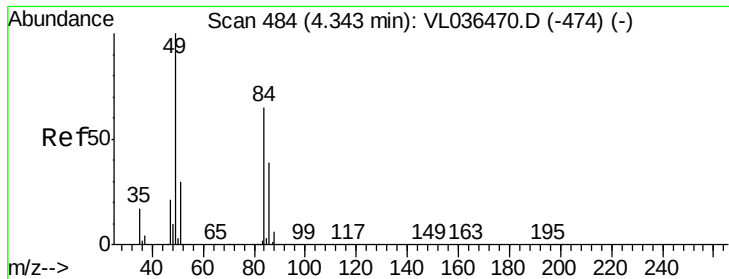
Reviewed By :Semsettin Yesilyurt 04/21/2021
 Supervised By :Mahesh Dadoda 04/21/2021



#15
 Acetone
 Concen: 1.861 ppbv
 RT: 3.86 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VL036829.D
 Acq: 20 Apr 2021 19:54

Tgt Ion: 43 Resp: 218565
 Ion Ratio Lower Upper
 43 100
 58 31.6 21.2 31.8



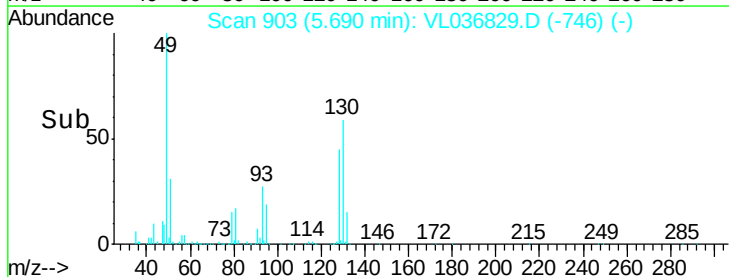
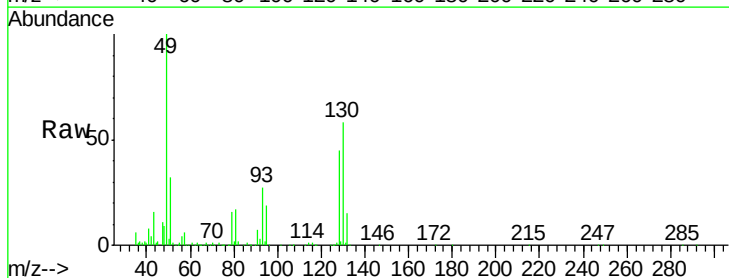
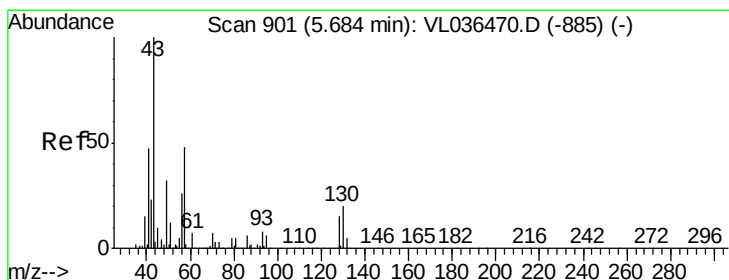
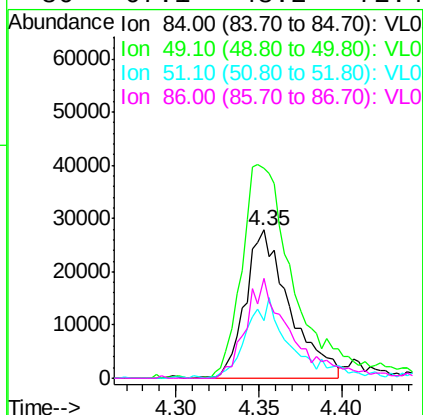


#20
Methylene Chloride
Concen: 0.942 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 19:54

Tot Ion:
Ion Ratio
84 100
49 141.
51 39.
86 67.1 48.2 72.4

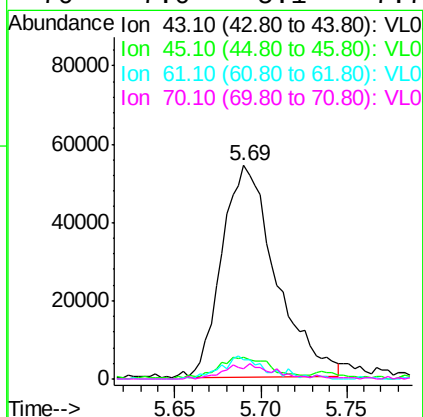
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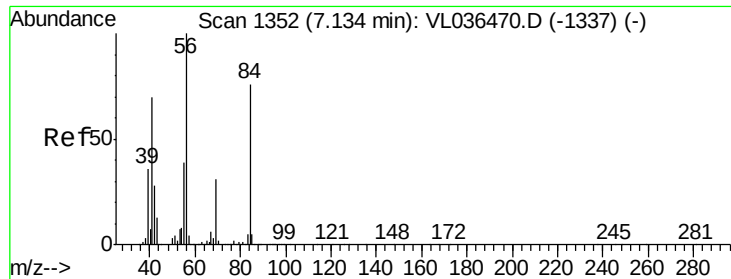
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#25
Ethyl Acetate
Concen: 0.424 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL036829.D
Acq: 20 Apr 2021 19:54

Tgt Ion: 43 Resp: 118519
Ion Ratio Lower Upper
43 100
45 13.1 7.9 11.9#
61 9.5 7.4 11.2
70 7.0 5.1 7.7



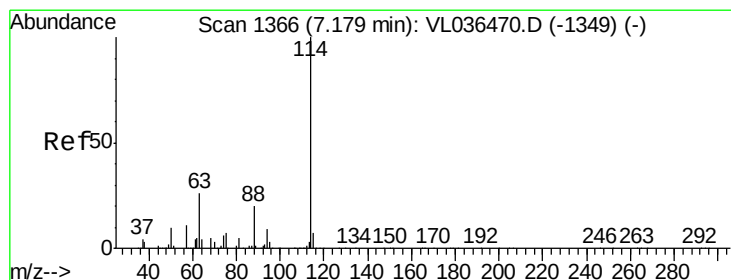
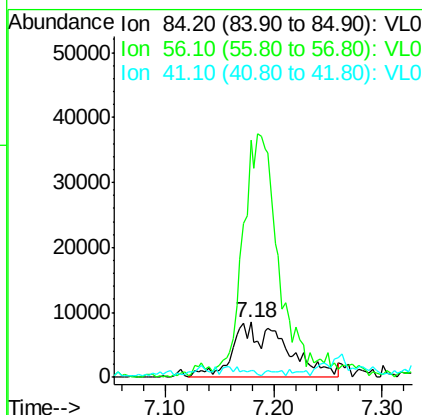
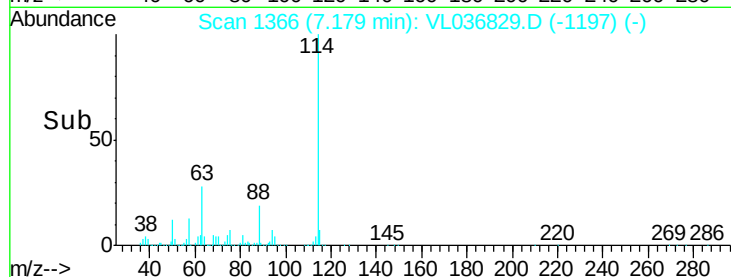
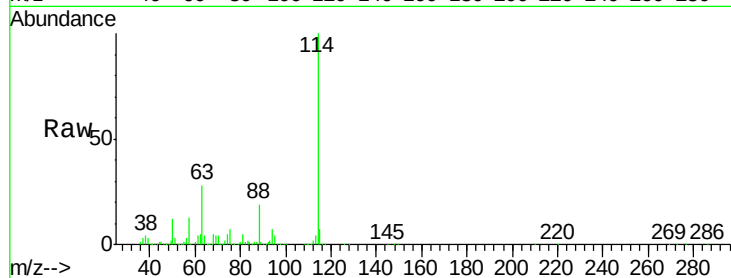


#30
Cvclohexane
Concen: 0.277 ppbv m
RT: 7.18
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Apr 2021 19:54

Tot Ion:
Ion Ratio
84 100
56 0.
41 13.

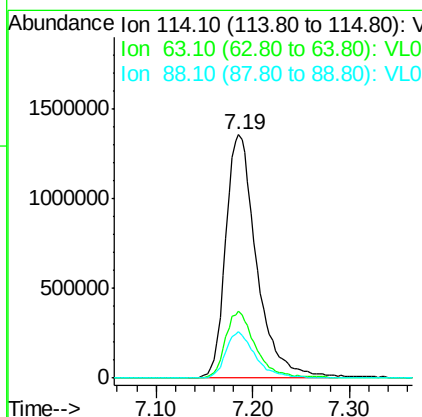
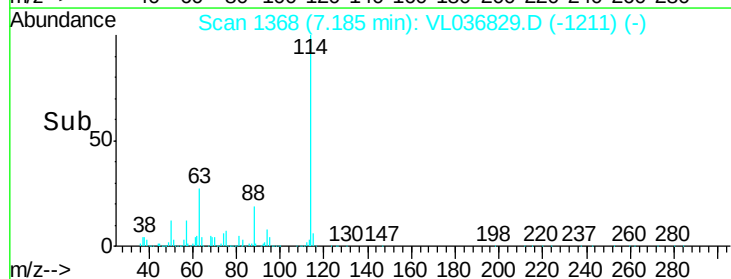
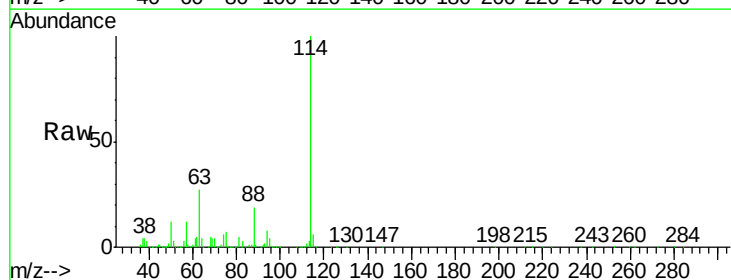
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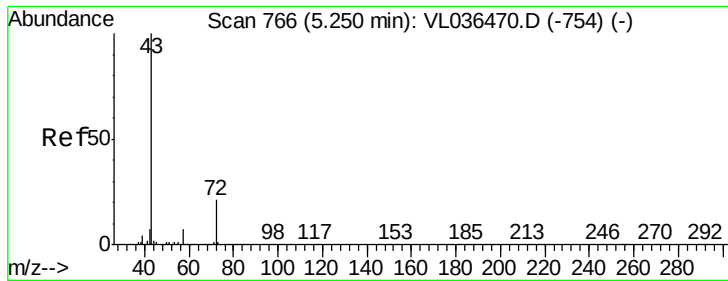
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VL036829.D
Acq: 20 Apr 2021 19:54

Tgt Ion:114 Resp: 3017765
Ion Ratio Lower Upper
114 100
63 27.0 22.4 33.6
88 18.6 15.4 23.0



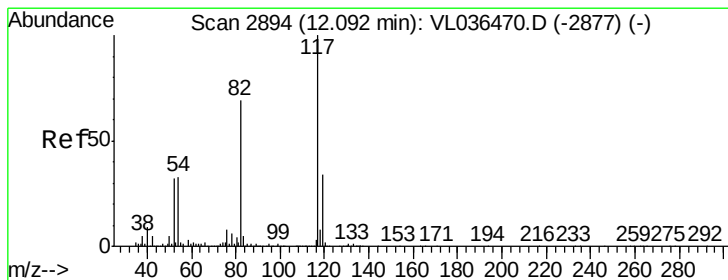
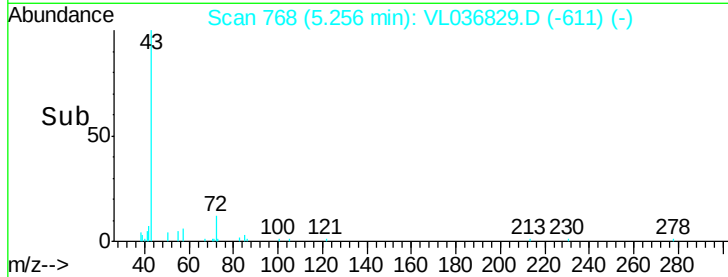
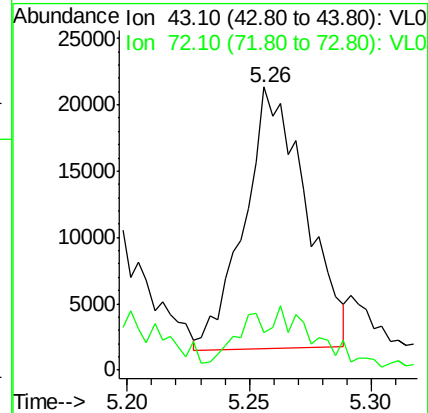
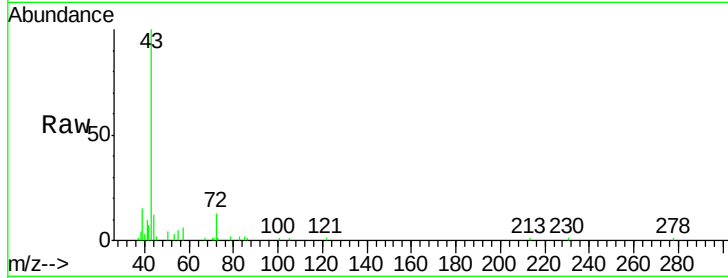


#34
2-Butanone
Concen: 0.233 ppbv
RT: 5.26
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampled :
Acq: 20 Apr 2021 19:54

Tot Ion:
Ion Ratio
43 100
72 31.

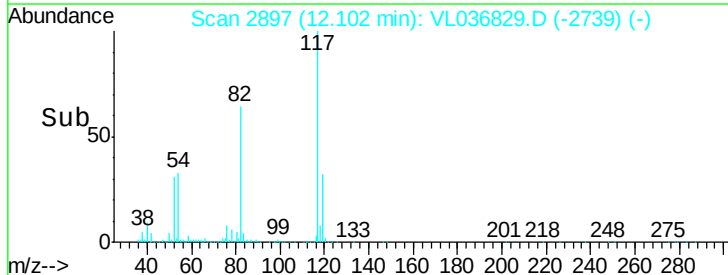
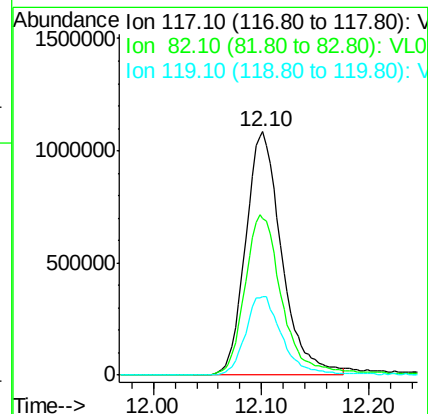
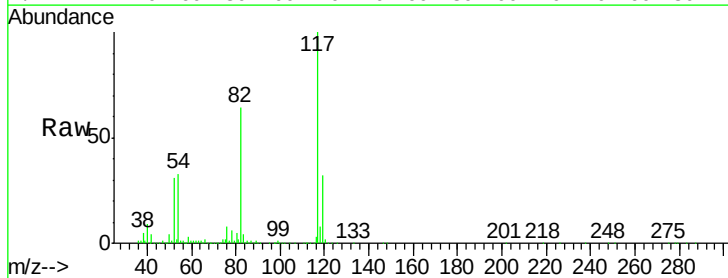
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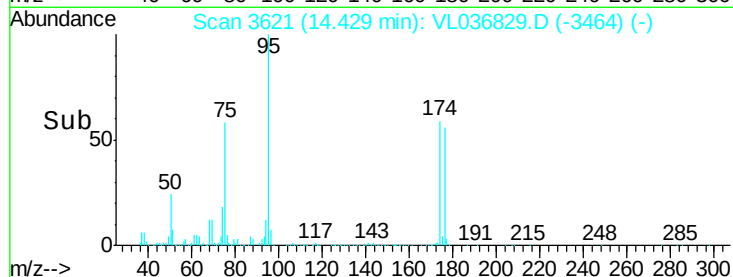
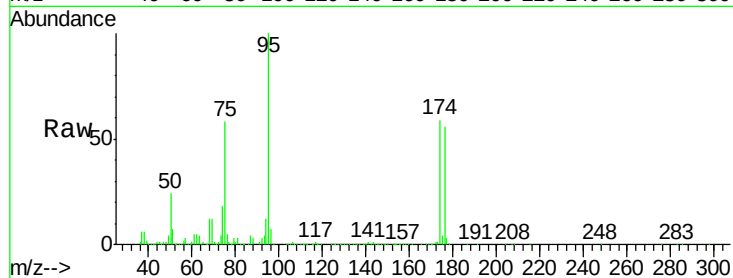
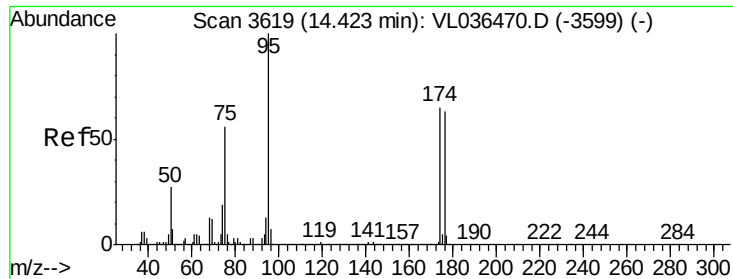
Reviewed By :Semsettin Yesilyurt 04/21/2021
Supervised By :Mahesh Dadoda 04/21/2021



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL036829.D
Acq: 20 Apr 2021 19:54

Tgt Ion:117 Resp: 2519908
Ion Ratio Lower Upper
117 100
82 68.9 57.4 86.0
119 33.1 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.385 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Apr 2021 19:34

Tot Ion:

Ion Ratio

95 100

174 64.

175 4.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/21/2021

