

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036854.D
 Acq On : 27 Apr 2021 12:35
 Operator : SY/AP
 Sample : M2174-01DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021

Quant Time: Apr 28 06:12:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1477142	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3578519	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3116475	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2354269	9.41	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	22937m	0.280	ppbv	
13) Ethanol	3.62	45	116779m	11.169	ppbv	
15) Acetone	3.86	43	126561	0.909	ppbv #	82
19) Isopropyl Alcohol	4.02	45	24224m	0.351	ppbv	
20) Methylene Chloride	4.35	84	258078	3.876	ppbv	98
26) Hexane	5.69	57	197980	1.244	ppbv #	44

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

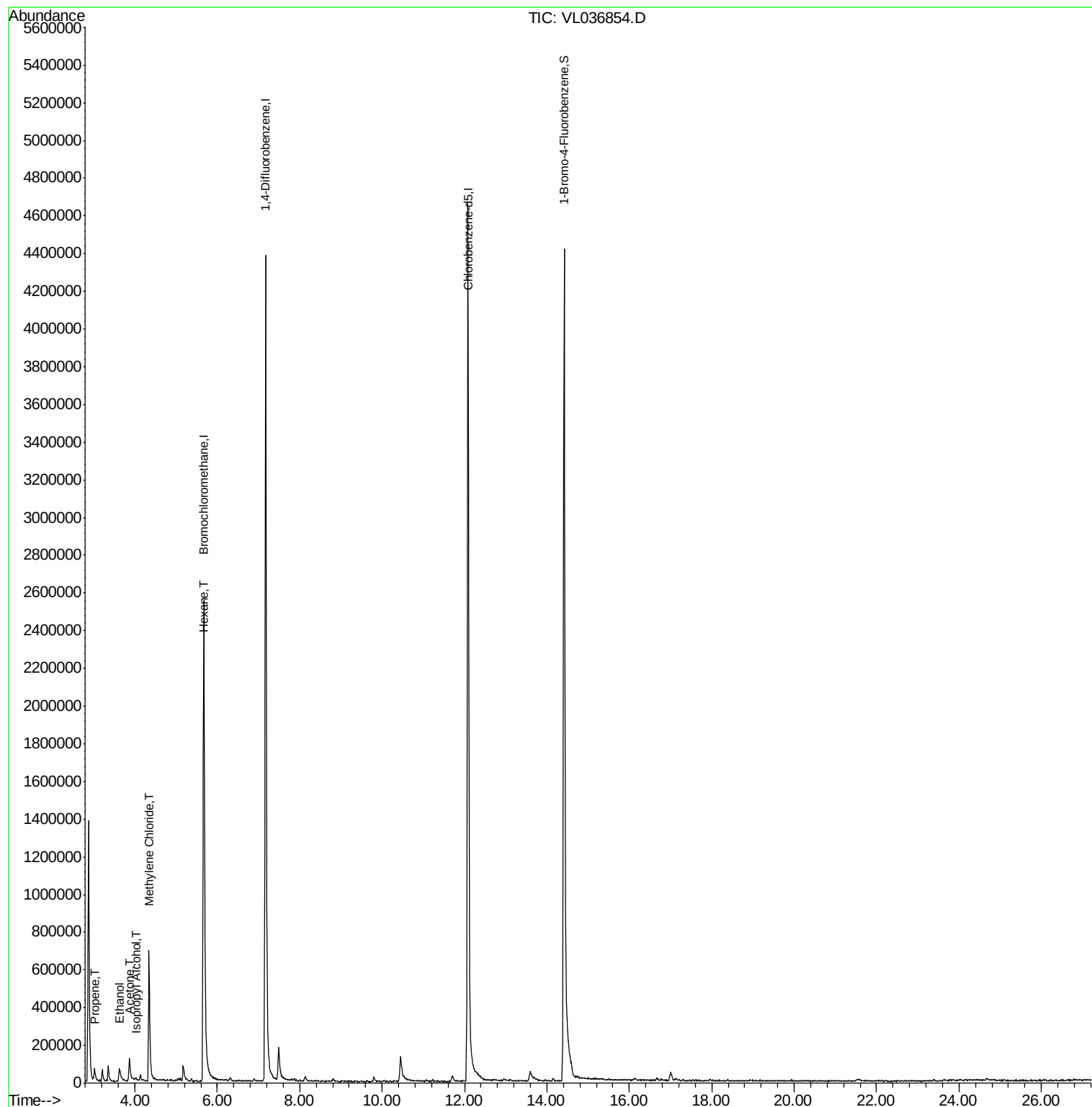
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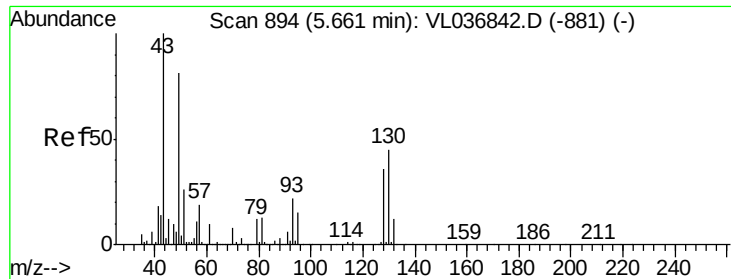
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1DL

Acq: 27 Apr 2021 12:35

Tot Ion:

Ion Ratio

49 100

128 47.

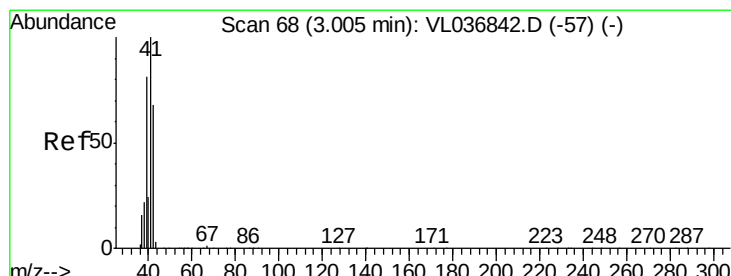
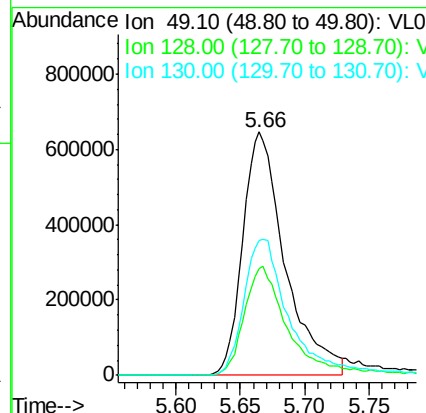
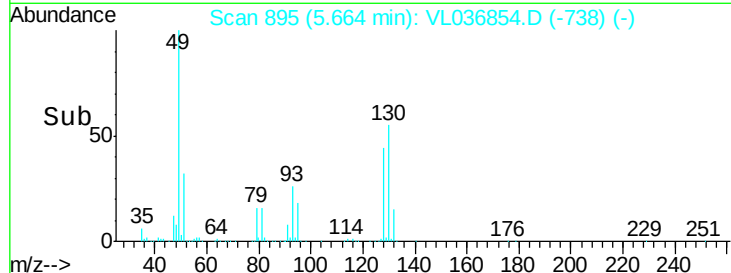
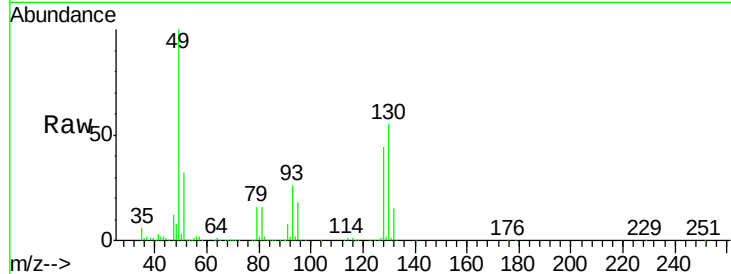
130 61.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 04/29/2021



#9

Propene

Concen: 0.280 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL036854.D

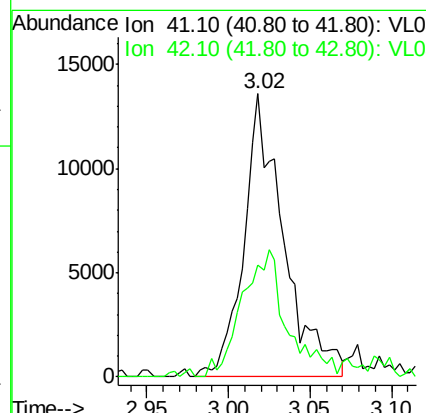
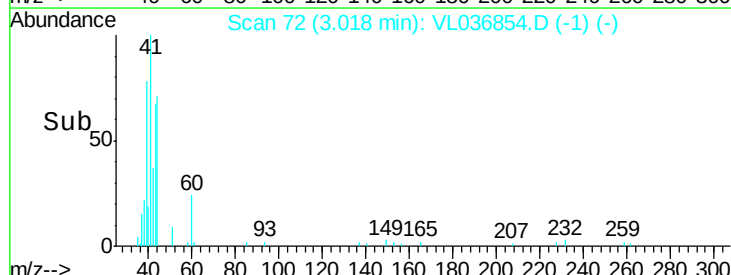
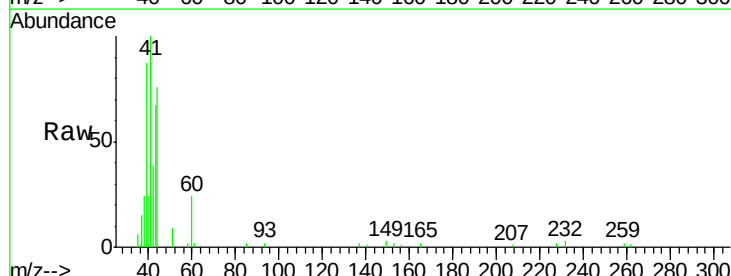
Acq: 27 Apr 2021 12:35

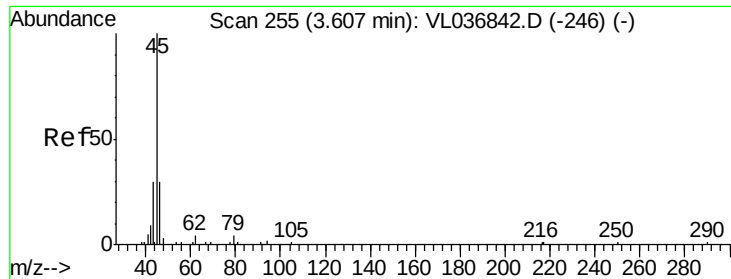
Tgt Ion: 41 Resp: 22937

Ion Ratio Lower Upper

41 100

42 53.8 56.0 84.0#



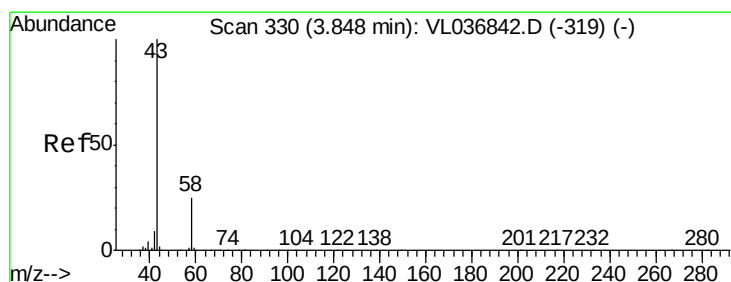
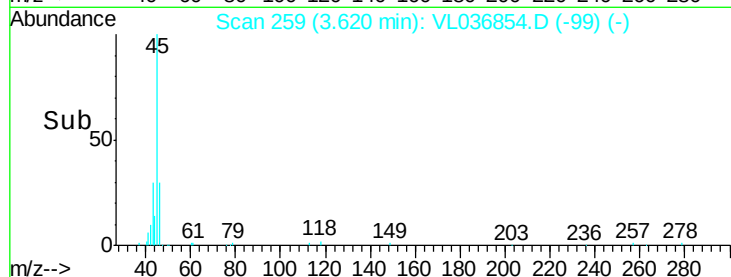
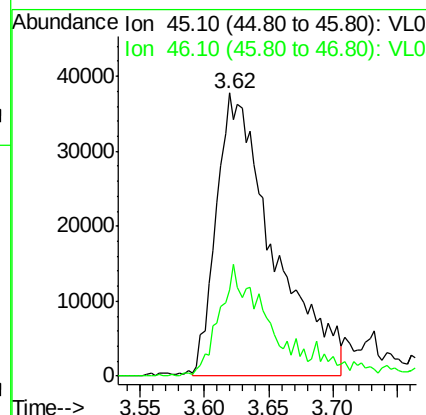
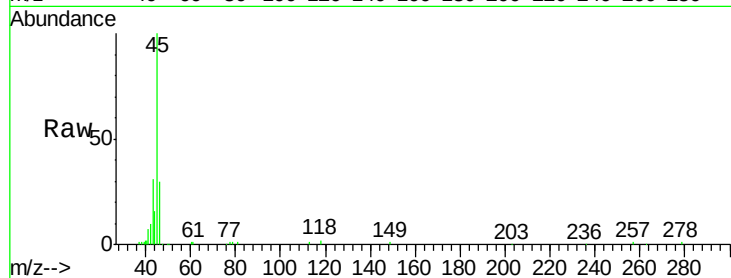


#13
Ethanol
Concen: 11.169 ppbv m
RT: 3.62
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 27 Apr 2021 12:35

Tot Ion:
Ion Ratio
45 100
46 0.

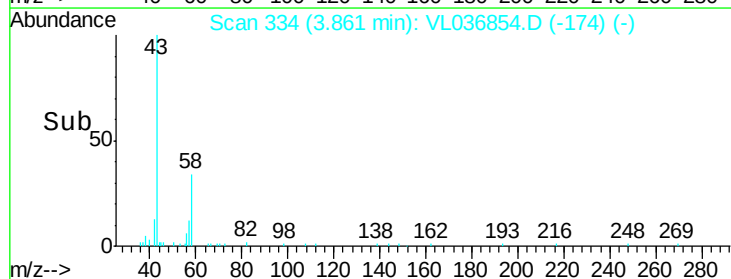
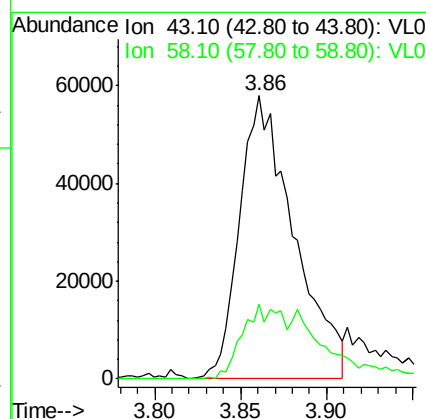
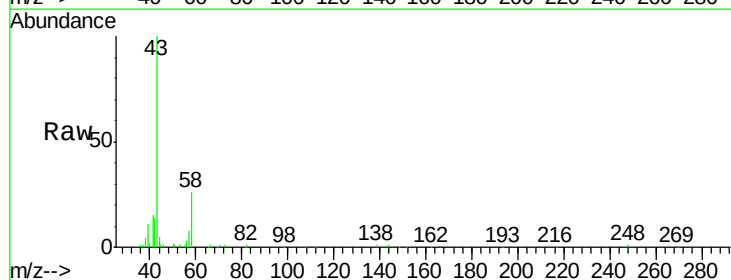
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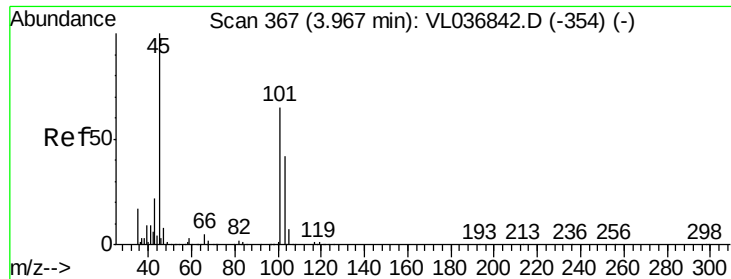
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#15
Acetone
Concen: 0.909 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL036854.D
Acq: 27 Apr 2021 12:35

Tgt Ion: 43 Resp: 126561
Ion Ratio Lower Upper
43 100
58 36.7 21.7 32.5#





#19

Isopropyl Alcohol

Concen: 0.351 ppbv m

RT: 4.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 12:35

Tot Ion:

Ion Ratio

45 100

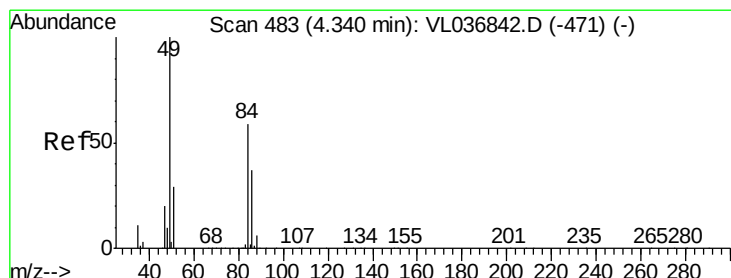
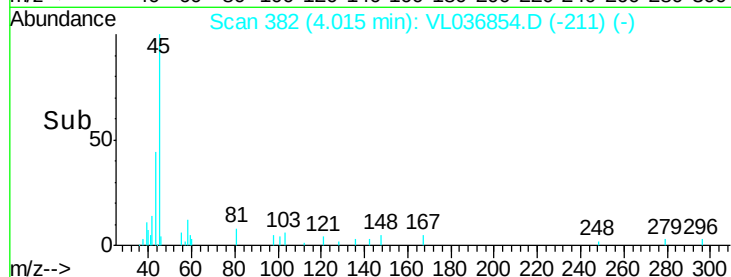
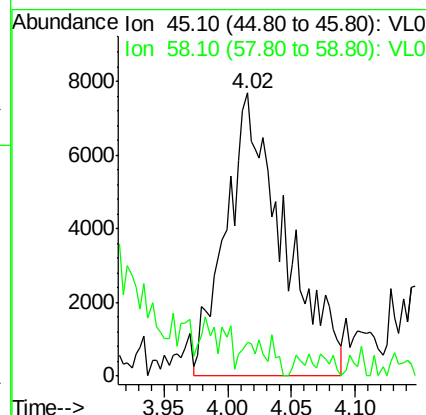
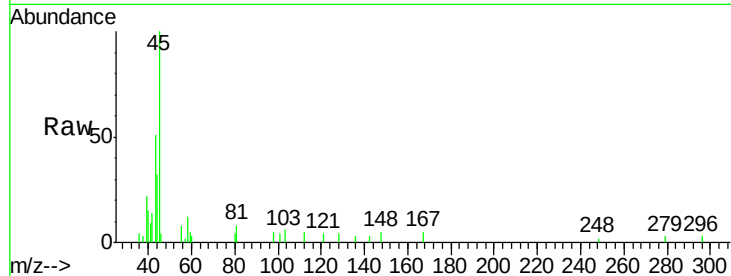
58 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#20

Methylene Chloride

Concen: 3.876 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL036854.D

Acq: 27 Apr 2021 12:35

Tgt Ion: 84 Resp: 258078

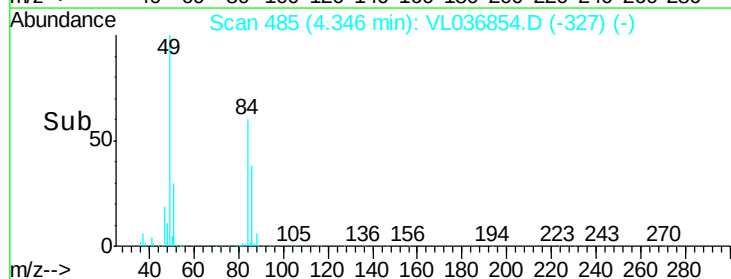
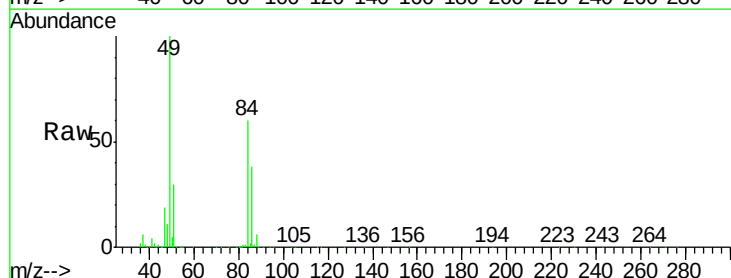
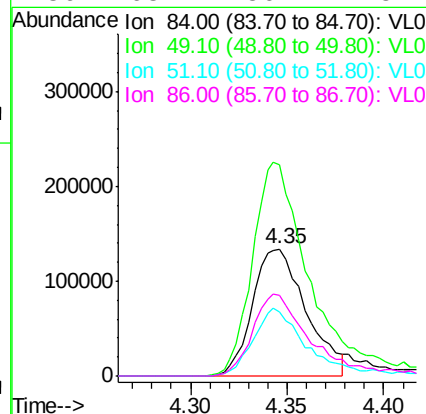
Ion Ratio Lower Upper

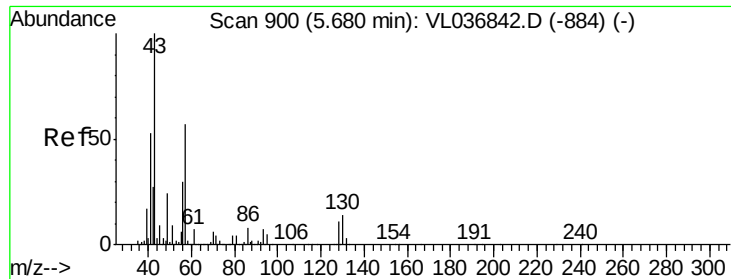
84 100

49 166.8 135.4 203.0

51 50.5 39.3 58.9

86 63.2 50.2 75.2

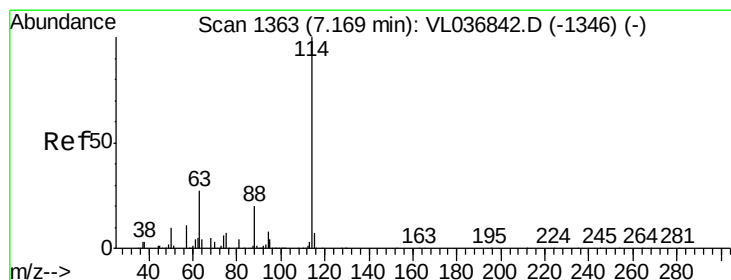
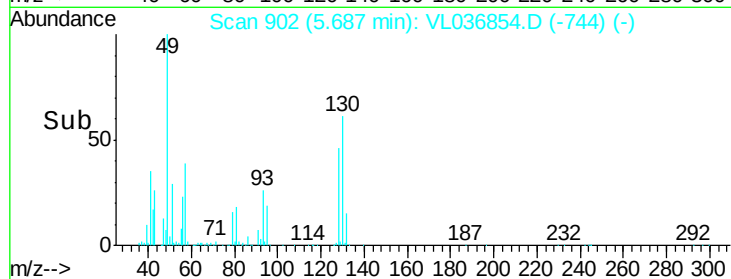
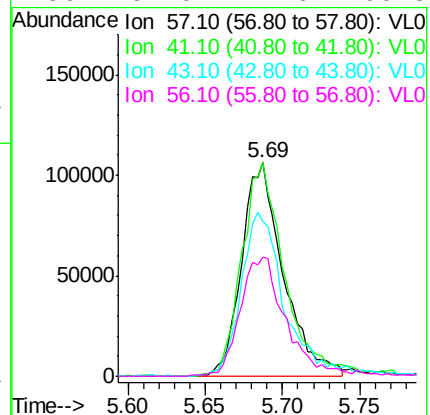
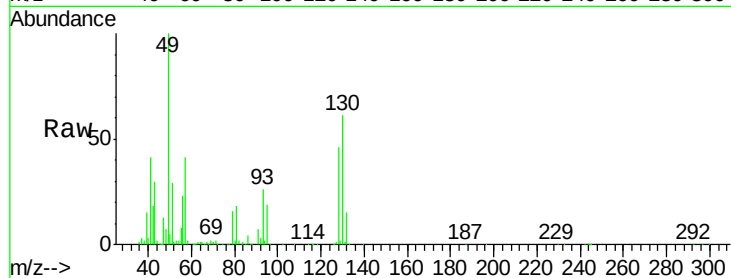




#26
Hexane
Concen: 1.244 ppbv
RT: 5.69
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 12:35

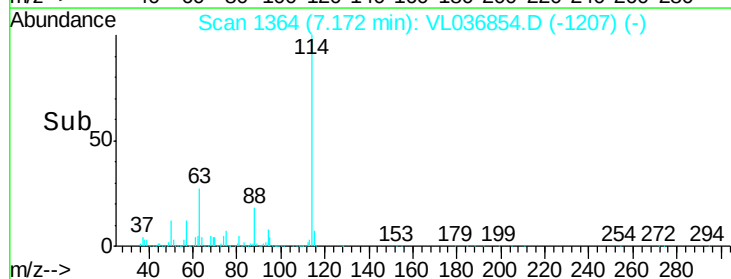
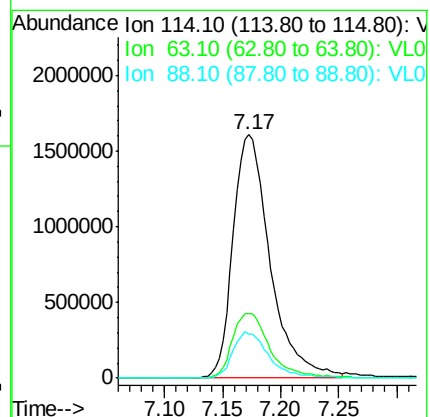
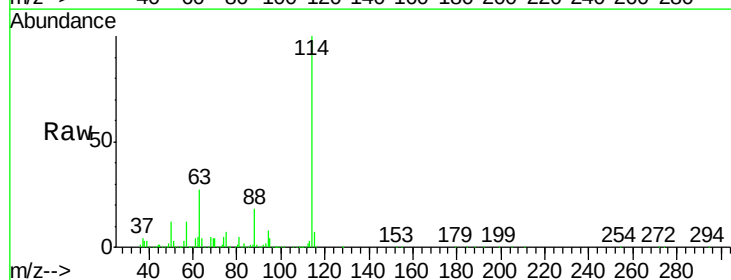
Tot Ion: Manual Integrations
Ion Ratio APPROVED
57 100
41 105.
43 81.
56 62.0 44.6 66.8

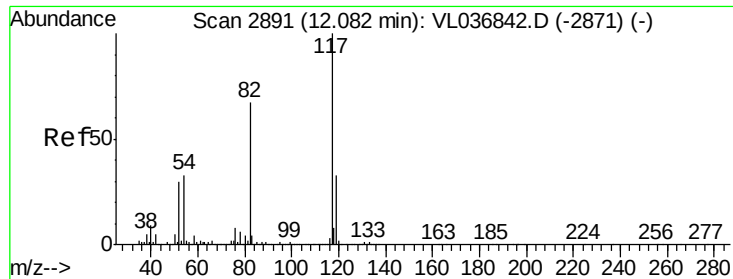
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.00 min
Lab File: VL036854.D
Acq: 27 Apr 2021 12:35

Tgt Ion:114 Resp: 3578519
Ion Ratio Lower Upper
114 100
63 27.6 21.9 32.9
88 18.9 15.1 22.7



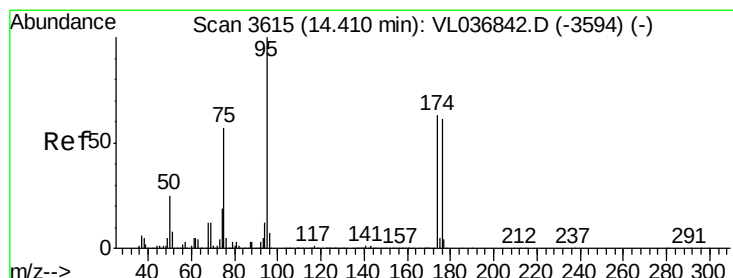
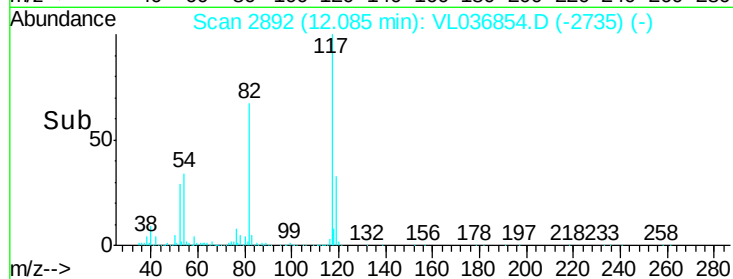
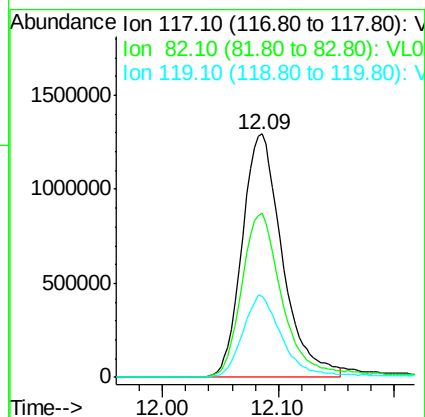
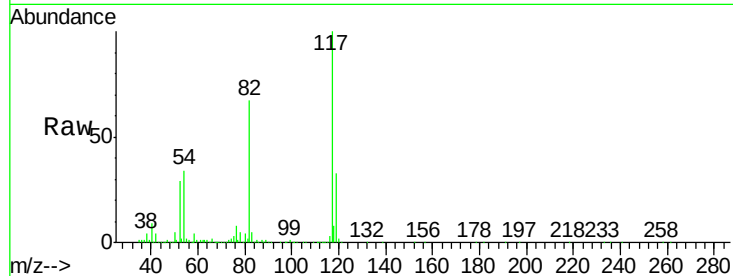


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 12:35

Tot Ion: 1
Ion Ratio
117 100
82 71.
119 34.

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 04/29/2021



#68
1-Bromo-4-Fluorobenzene
Concen: 9.411 ppbv
RT: 14.42 min Scan# 3617
Delta R.T.: 0.01 min
Lab File: VL036854.D
Acq: 27 Apr 2021 12:35

Tgt Ion: 95 Resp: 2354269
Ion Ratio Lower Upper
95 100
174 69.6 52.2 78.2
175 5.0 4.0 6.0

