

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101221\
 Data File : VL037851.D
 Acq On : 13 Oct 2021 11:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021

Quant Time: Oct 14 03:13:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1224887	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3554314	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3008627	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2075186	9.86	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	25572m	0.295	ppbv	
13) Ethanol	3.62	45	88003m	12.426	ppbv	
15) Acetone	3.85	43	110252	1.003	ppbv	98
20) Methylene Chloride	4.34	84	708228	12.747	ppbv	95
26) Hexane	5.69	57	408074	2.686	ppbv #	44

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

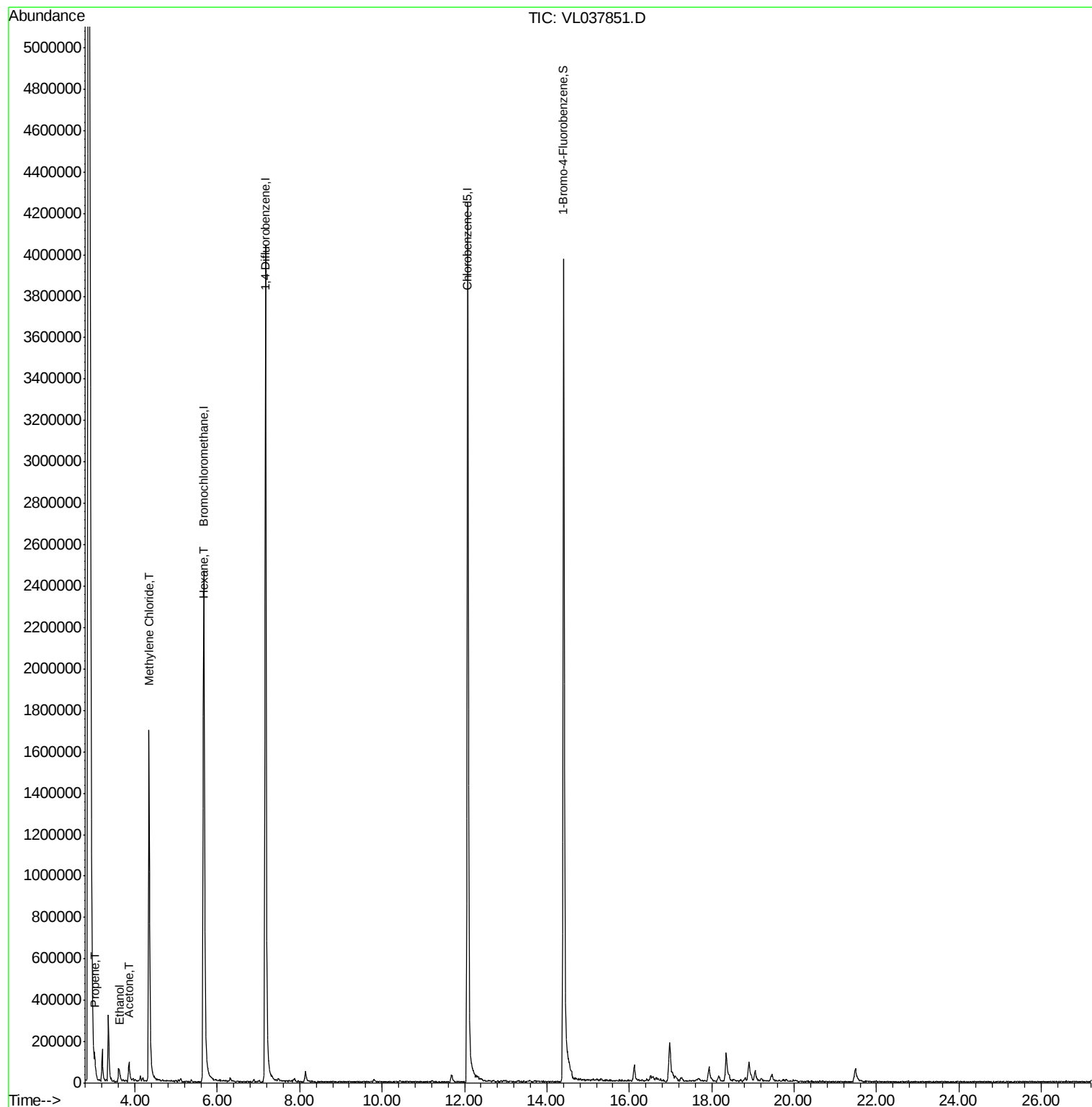
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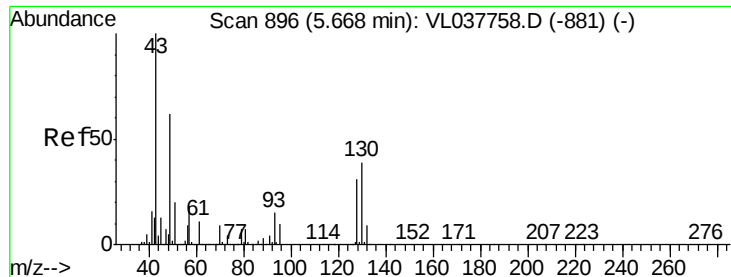
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Oct 14 03:13:37 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 13 Oct 2021 11:22 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 53.

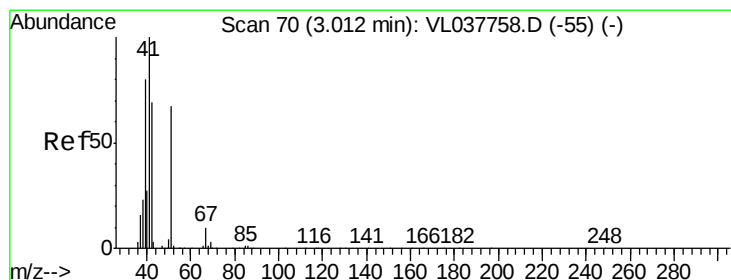
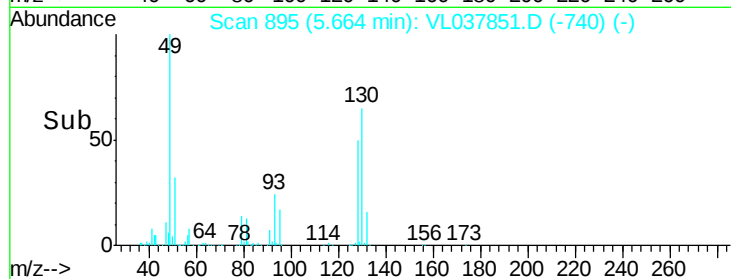
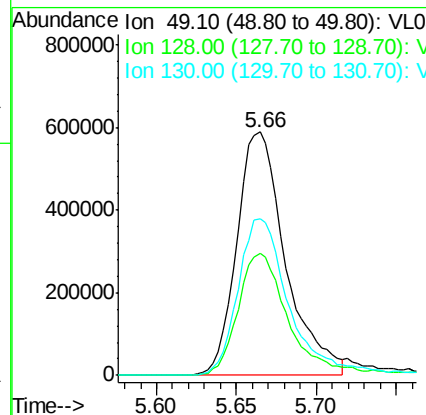
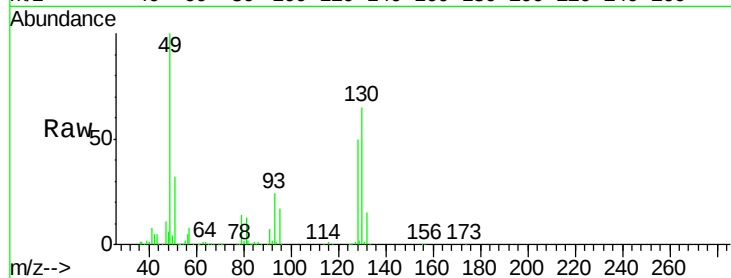
130 67.

Manual Integrations

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#9

Propene

Concen: 0.295 ppbv m

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037851.D

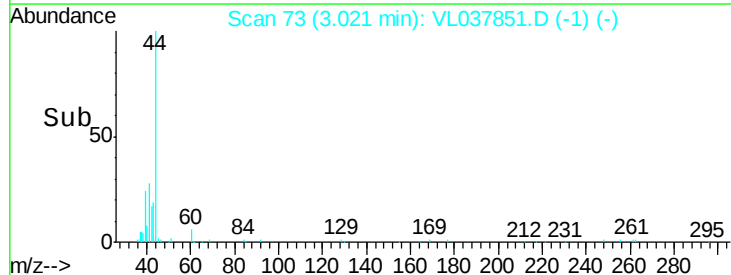
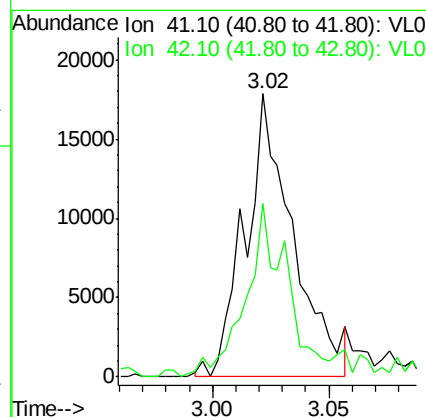
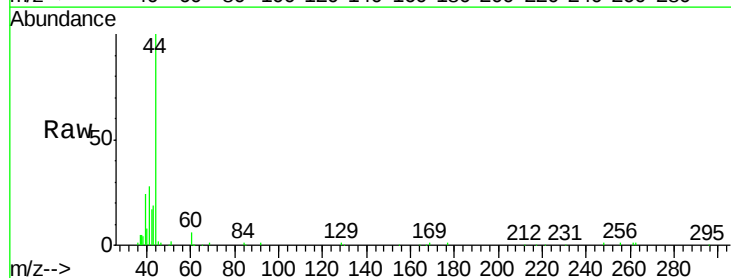
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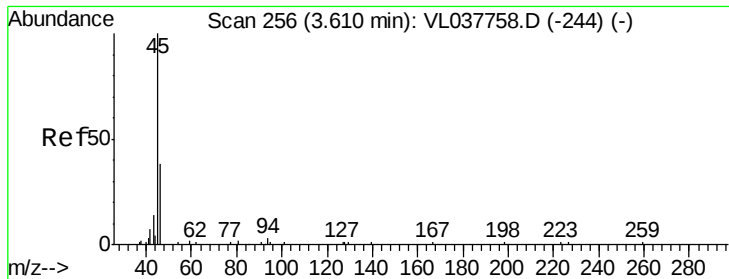
Tgt Ion: 41 Resp: 25572

Ion Ratio Lower Upper

41 100

42 0.0 54.2 81.2#



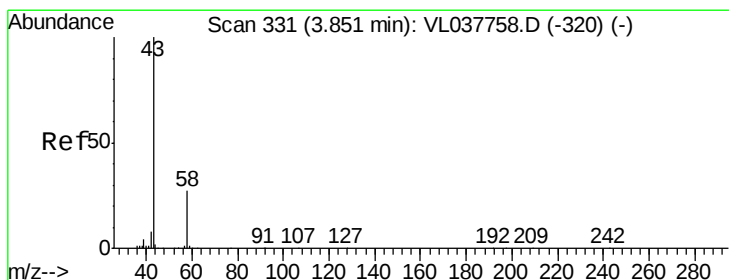
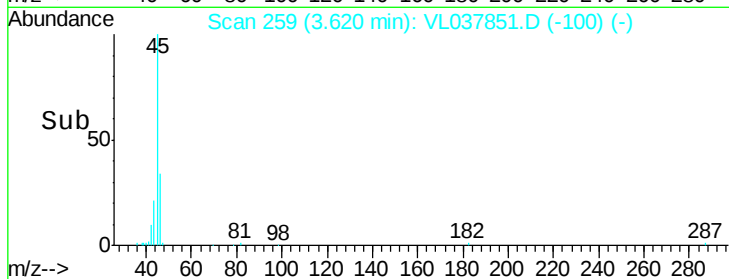
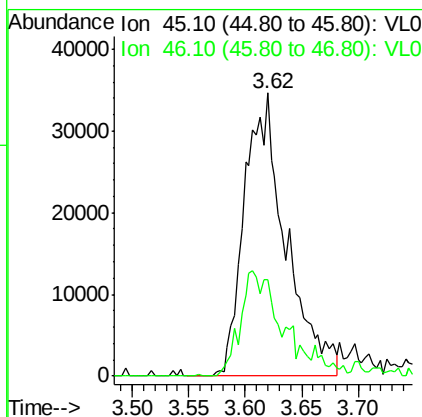
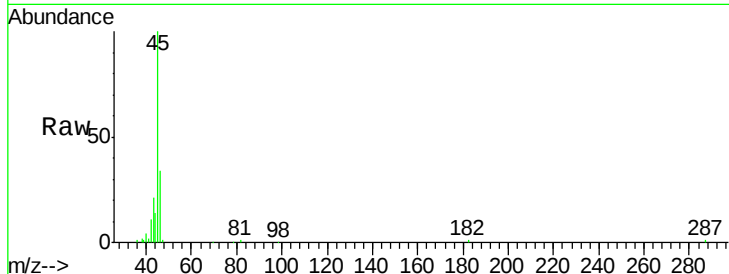


#13
Ethanol
Concen: 12.426 ppbv m
RT: 3.62
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 11:22

Tot Ion:
Ion Ratio
45 100
46 41.

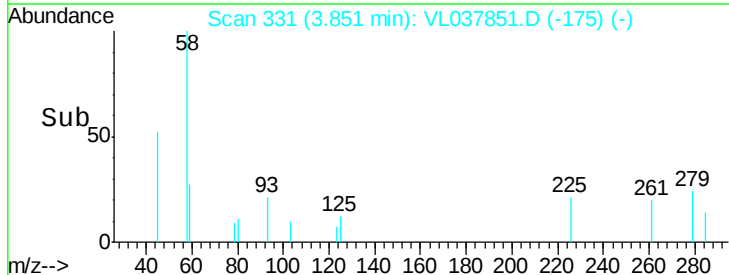
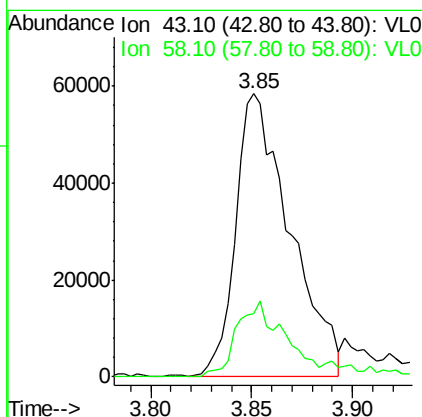
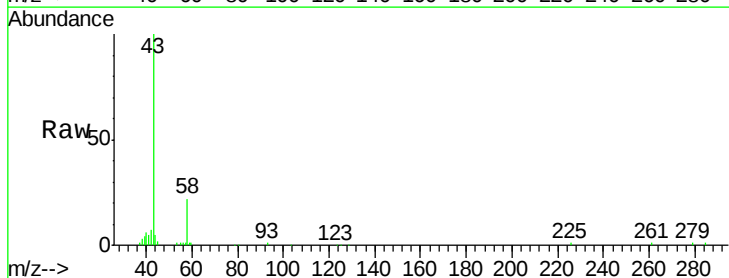
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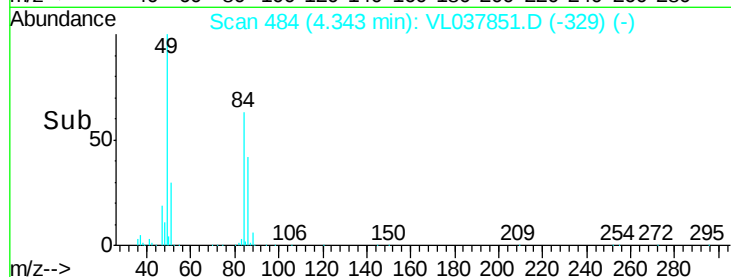
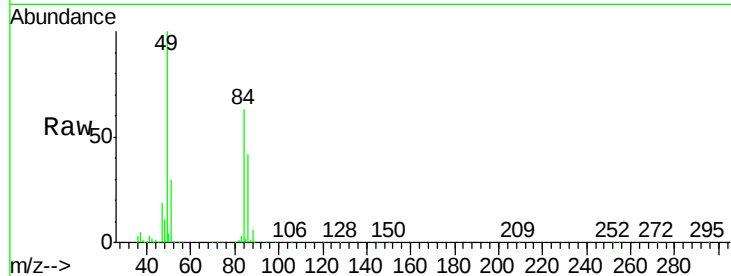
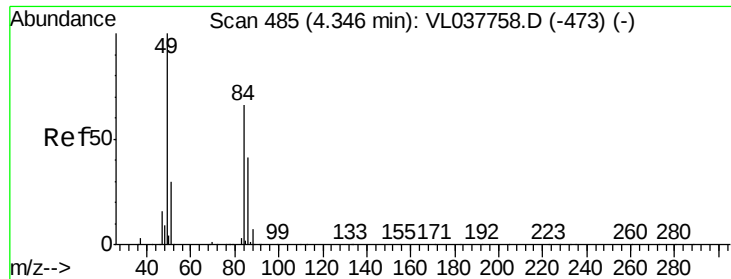
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#15
Acetone
Concen: 1.003 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL037851.D
Acq: 13 Oct 2021 11:22

Tgt Ion: 43 Resp: 110252
Ion Ratio Lower Upper
43 100
58 28.0 23.0 34.6



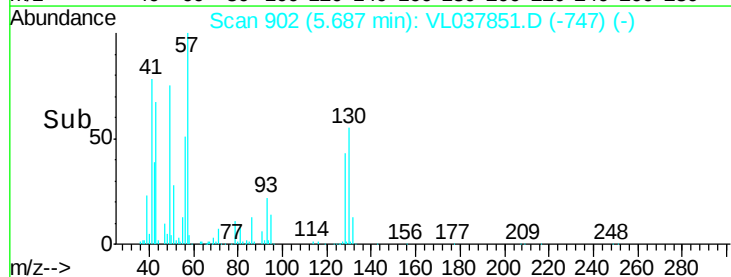
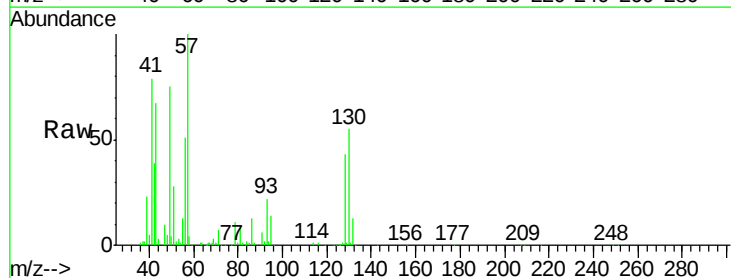
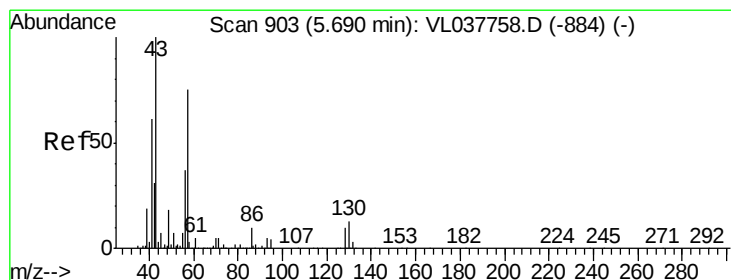
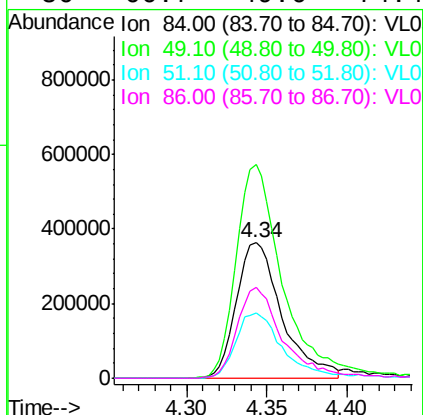


#20
Methvlene Chloride
Concen: 12.747 ppbv
RT: 4.34
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Oct 2021 11:22

Tot Ion:
Ion Ratio
84 100
49 157.
51 47.
86 66.7 49.6 74.4

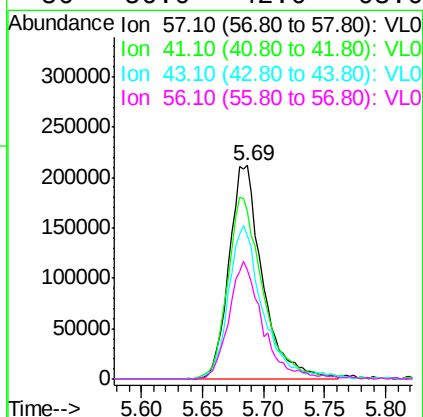
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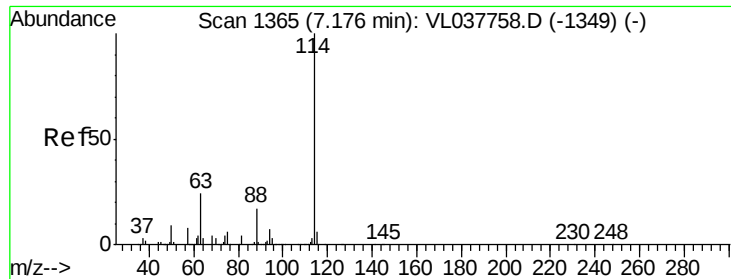
Reviewed By :Semsettin Yesilyurt 10/14/2021
Supervised By :Mahesh Dadoda 10/15/2021



#26
Hexane
Concen: 2.686 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL037851.D
Acq: 13 Oct 2021 11:22

Tgt Ion: 57 Resp: 408074
Ion Ratio Lower Upper
57 100
41 90.9 69.6 104.4
43 73.6 171.4 257.0#
56 56.0 42.0 63.0



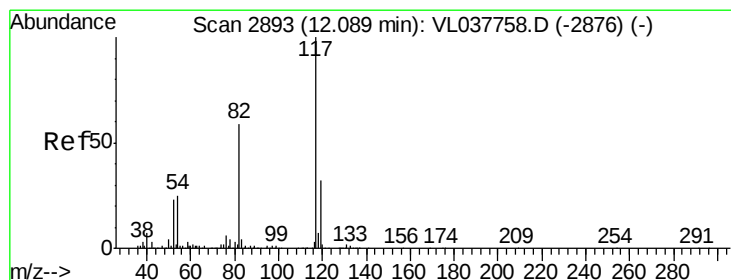
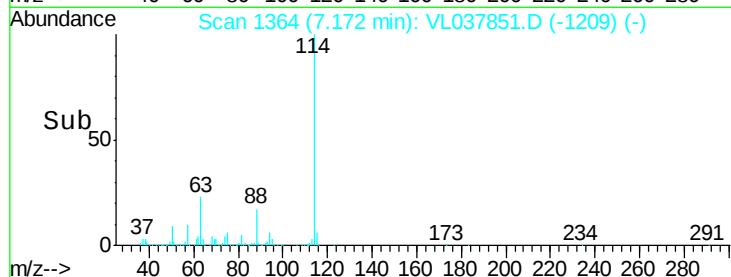
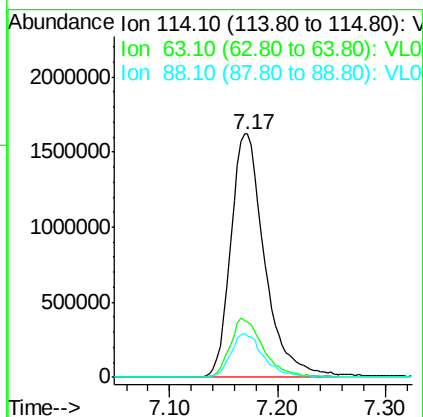
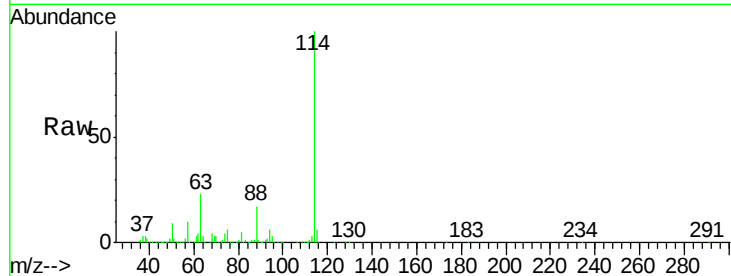


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 13 Oct 2021 11:22

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 17.

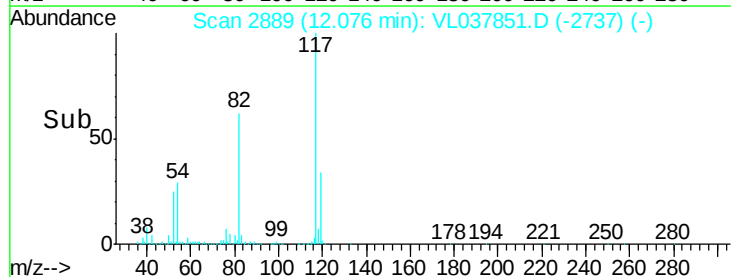
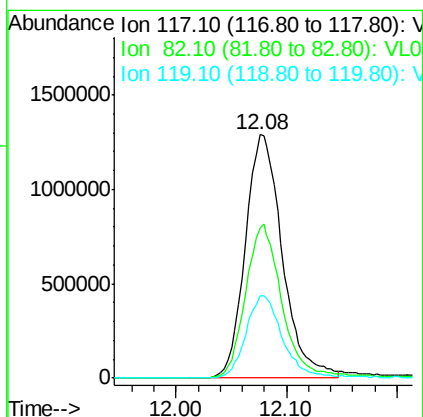
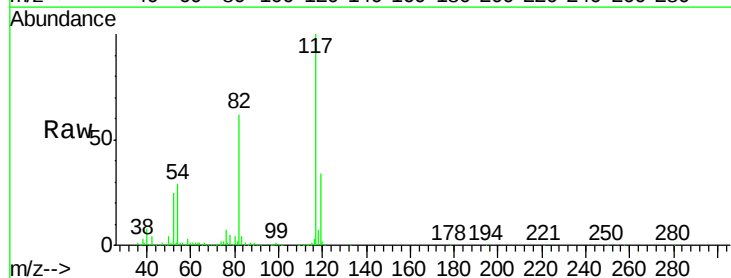
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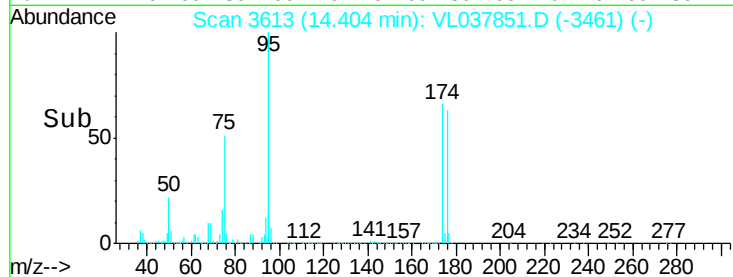
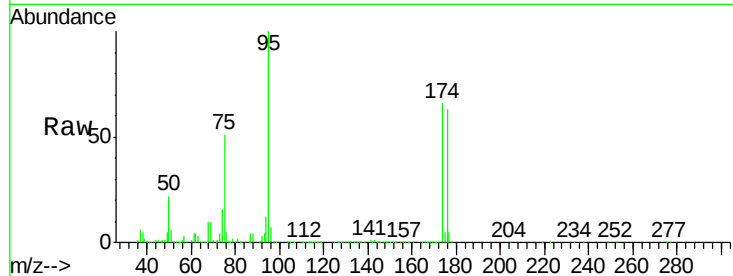
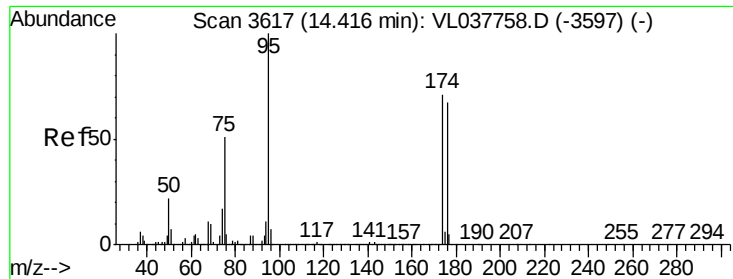
Reviewed By :Semsettin Yesilyurt 10/14/2021
 Supervised By :Mahesh Dadoda 10/15/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2889
 Delta R.T. -0.01 min
 Lab File: VL037851.D
 Acq: 13 Oct 2021 11:22

Tgt Ion:117 Resp: 3008627
 Ion Ratio Lower Upper
 117 100
 82 63.9 52.2 78.2
 119 34.6 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 9.863 ppbv

RT: 14.40

Delta R.T

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 13 Oct 2021 11:22

Tot Ion:

Ion Ratio

95 100

174 74.

175 5.

Manual Integrations

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