

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038585.D
 Acq On : 9 Mar 2022 20:55
 Operator : SY/AP
 Sample : N1702-03DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 10 01:17:04 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	847435	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2056892	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1846371	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1344807	9.58	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	7015	0.13	ppbv	96
13) Ethanol	3.62	45	37262m	6.15	ppbv	
15) Acetone	3.85	43	555538	9.29	ppbv	98
19) Isopropyl Alcohol	4.00	45	17523m	0.44	ppbv	
20) Methylene Chloride	4.35	84	40922	1.14	ppbv	95
26) Hexane	5.69	57	294231	3.11	ppbv #	43
53) Toluene	9.80	91	431069	2.18	ppbv	100

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

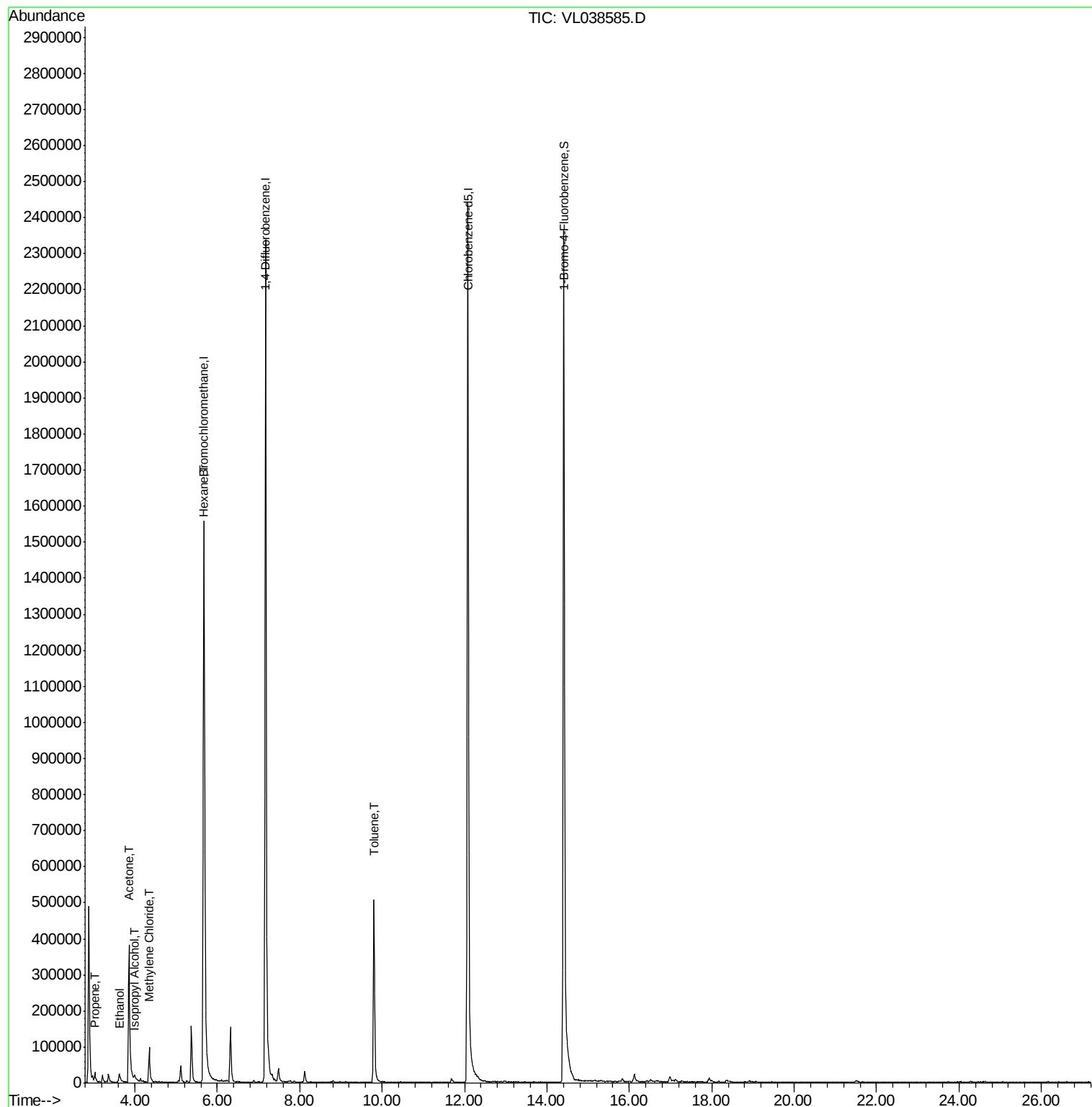
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
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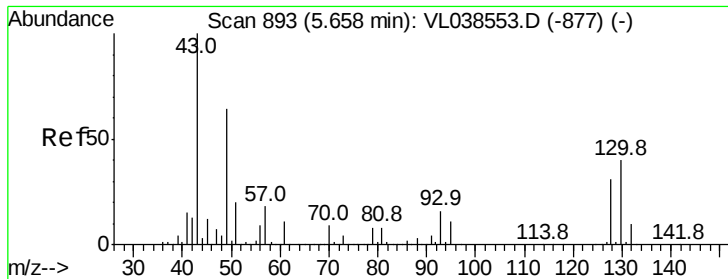
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL2

Quant Time: Mar 10 01:17:04 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Mar 08 21:18:44 2022
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 9 Mar 2022 20:55

Tgt Ion:

Ion Ratio

49 100

128 50.

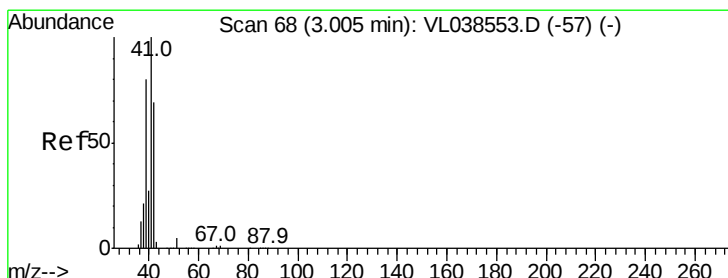
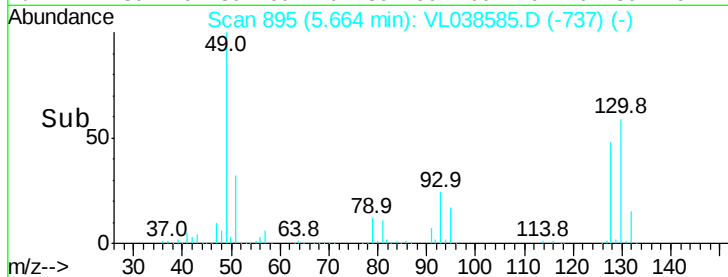
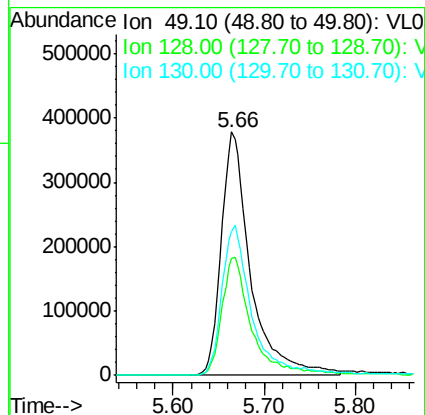
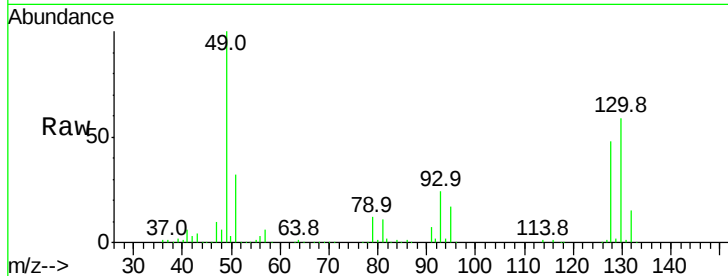
130 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#9

Propene

Concen: 0.13 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.02 min

Lab File: VL038585.D

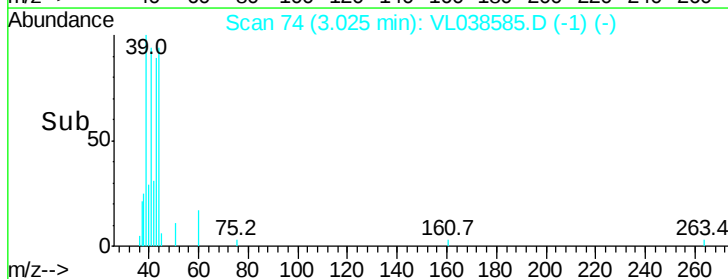
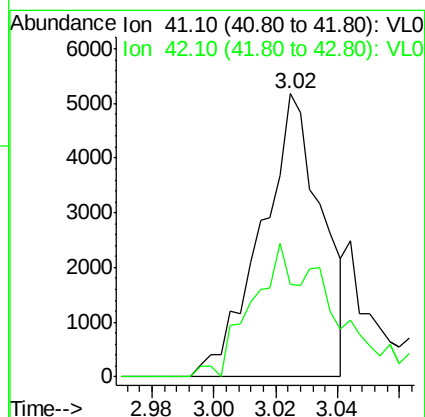
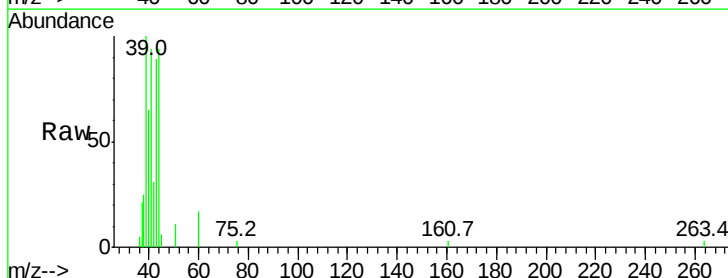
Acq: 9 Mar 2022 20:55

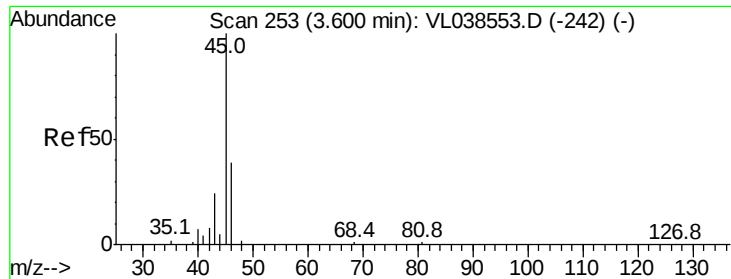
Tgt Ion: 41 Resp: 7015

Ion Ratio Lower Upper

41 100

42 66.1 55.7 83.5





#13

Ethanol

Concen: 6.15 ppbv m

RT: 3.62 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 20:55

Tgt Ion:

Ion Ratio

45 100

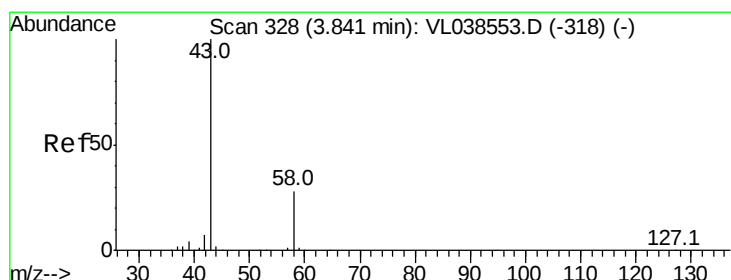
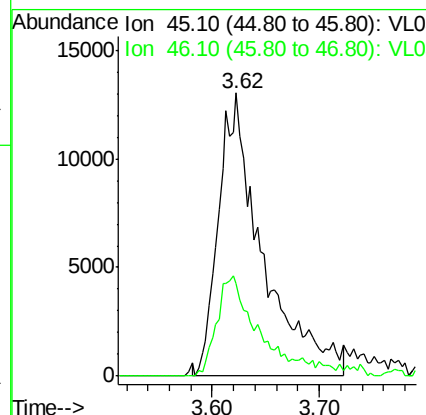
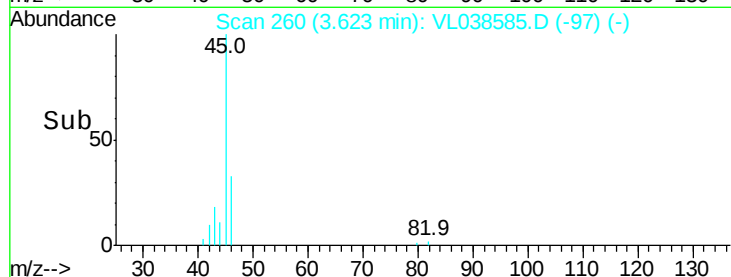
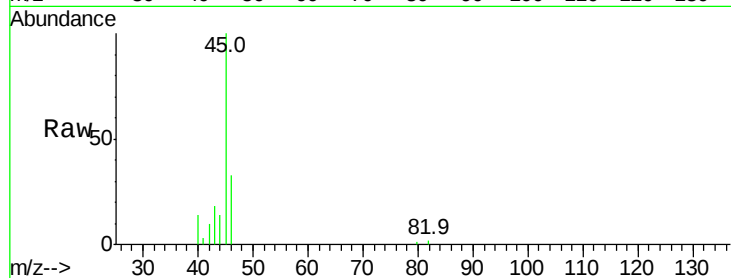
46 0.

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Supervised By :Mahesh Dadoda 03/14/2022



#15

Acetone

Concen: 9.29 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL038585.D

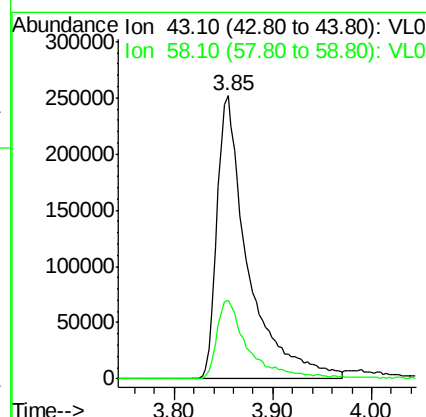
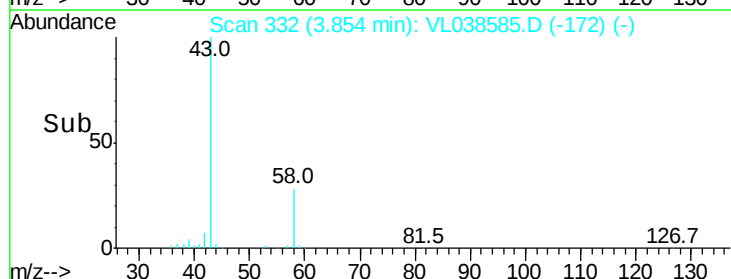
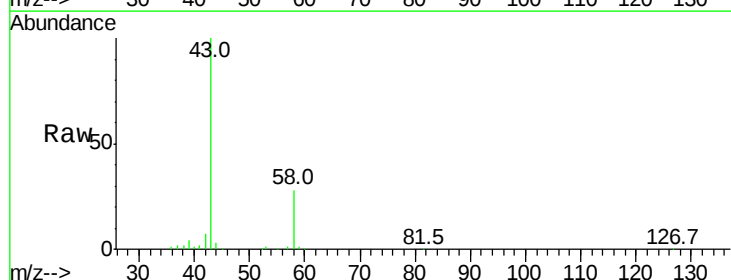
Acq: 9 Mar 2022 20:55

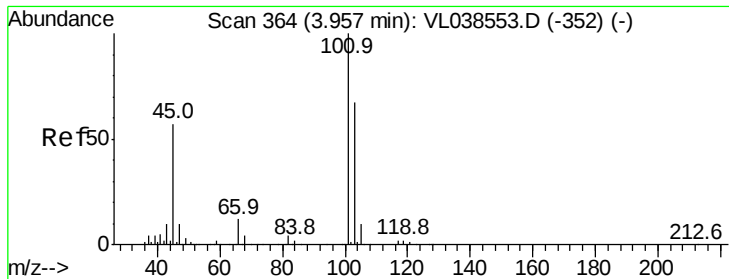
Tgt Ion: 43 Resp: 555538

Ion Ratio Lower Upper

43 100

58 29.4 22.7 34.1



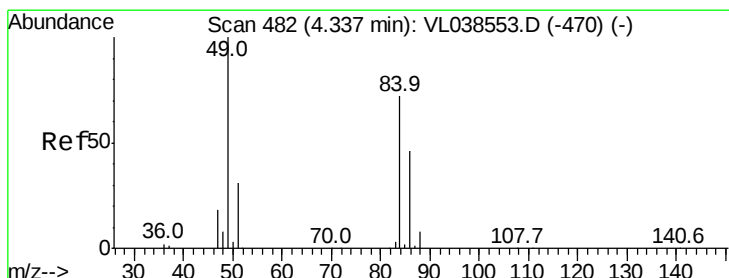
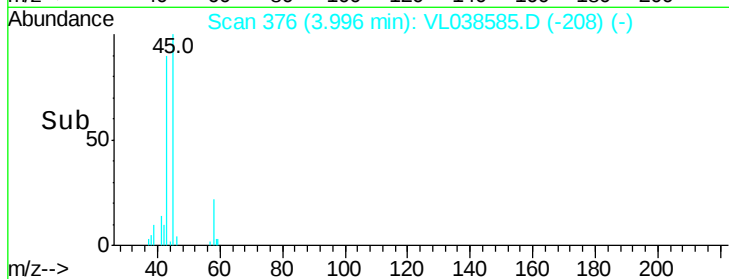
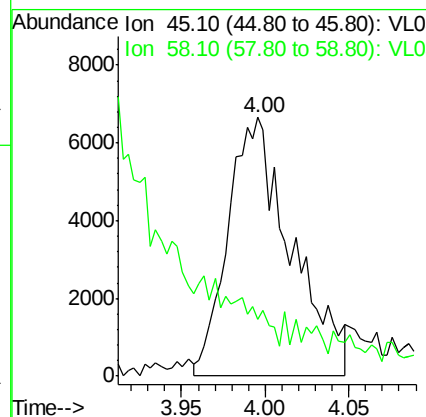
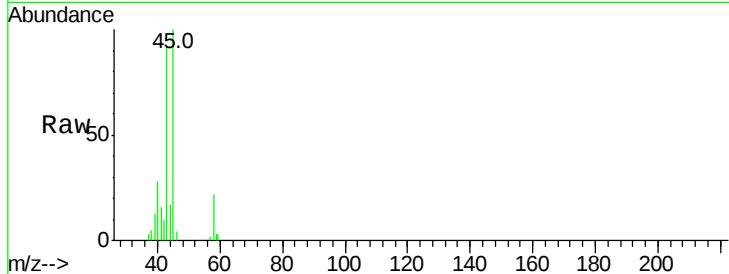


#19
Isopropyl Alcohol
Concen: 0.44 ppbv m
RT: 4.00
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 9 Mar 2022 20:55

Tgt Ion:
Ion Ratio
45 100
58 0.

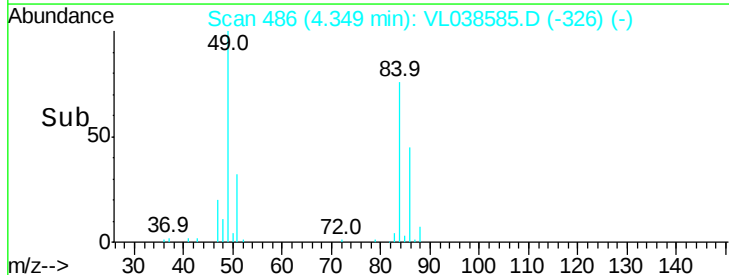
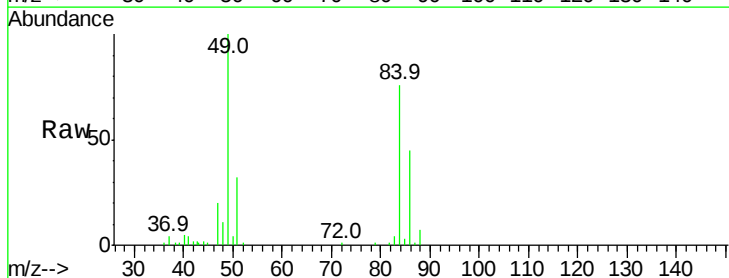
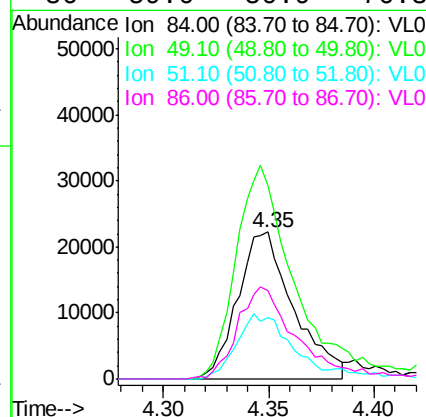
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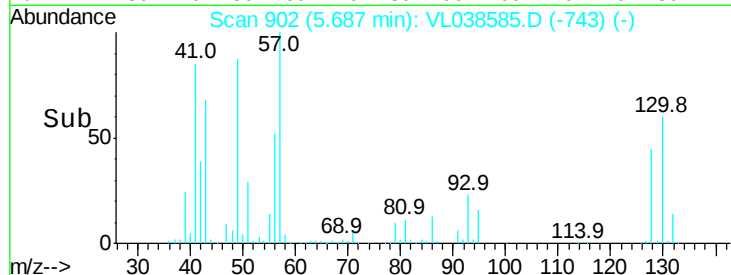
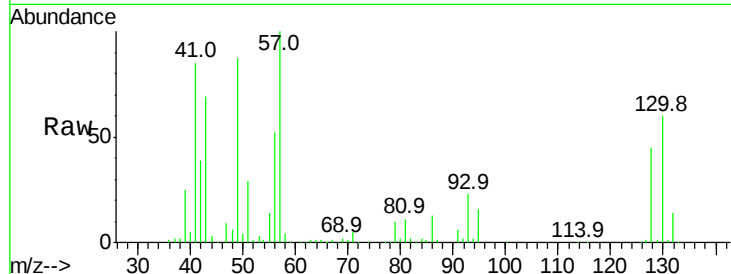
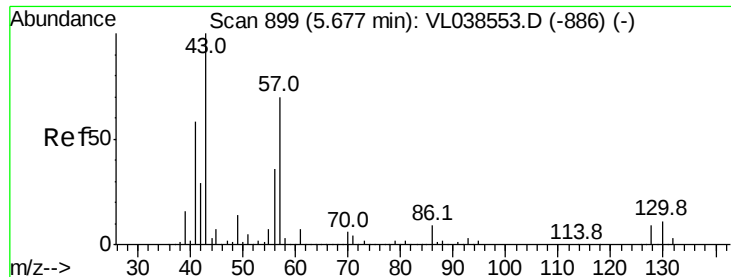
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#20
Methylene Chloride
Concen: 1.14 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 84 Resp: 40922
Ion Ratio Lower Upper
84 100
49 131.7 111.1 166.7
51 42.1 34.0 51.0
86 59.0 50.9 76.3



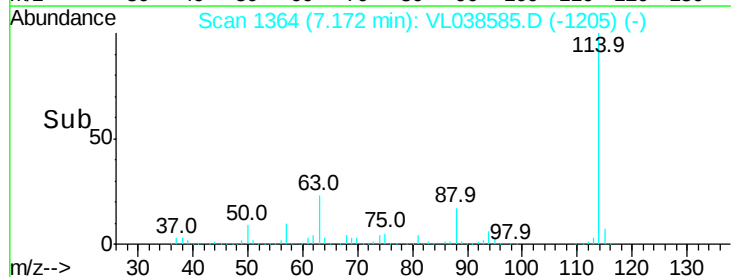
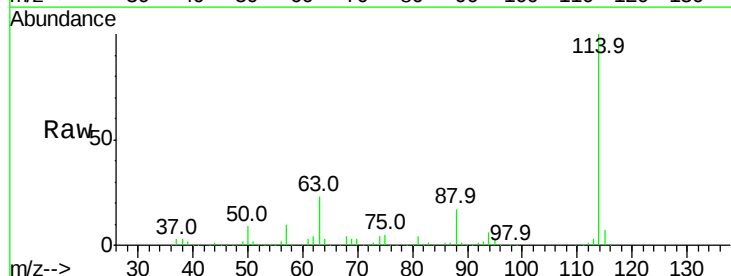
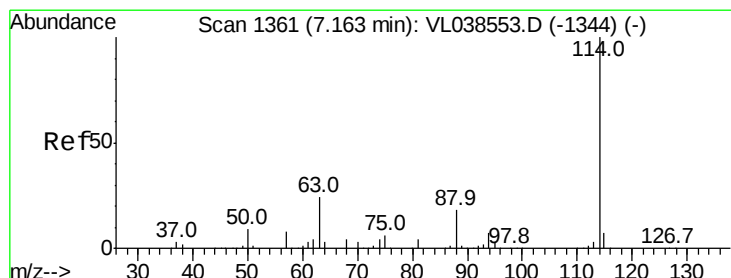
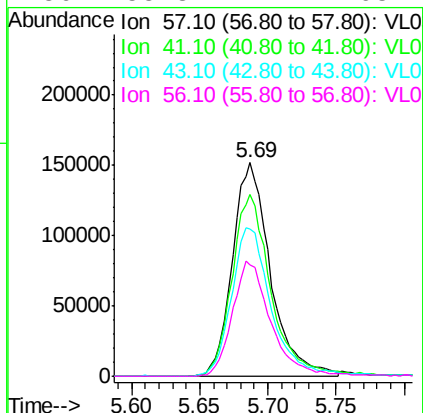


#26
Hexane
Concen: 3.11 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 20:55

Tgt Ion: 57.10 (56.80 to 57.80): VL0
Ion Ratio: 100
57 100
41 88.
43 73.
56 55.3 42.2 63.2

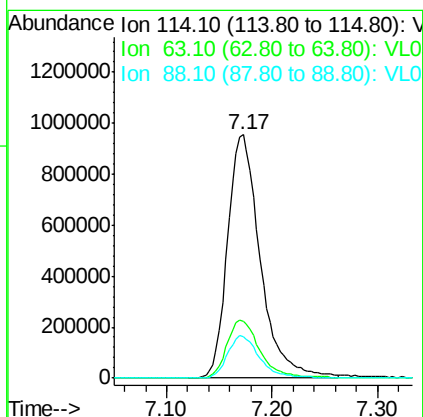
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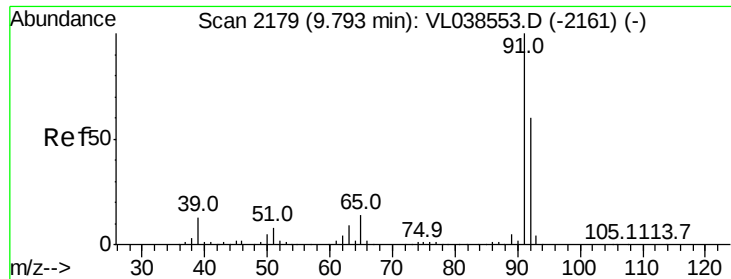
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VL038585.D
Acq: 9 Mar 2022 20:55

Tgt Ion: 114 Resp: 2056892
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 17.5 13.9 20.9





#53

Toluene

Concen: 2.18 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 20:55

Tgt Ion:

Ion Ratio

91 100

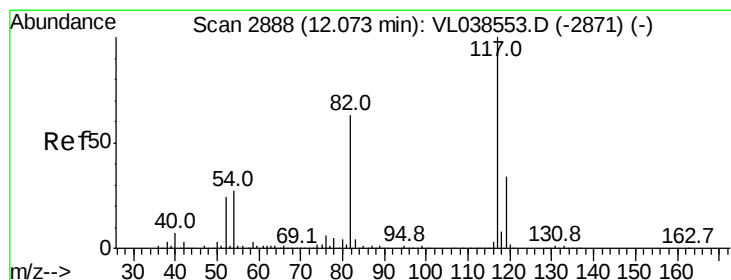
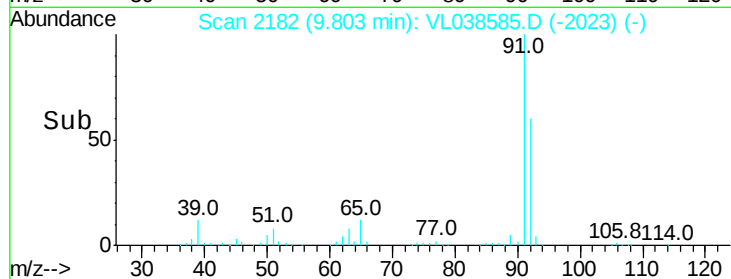
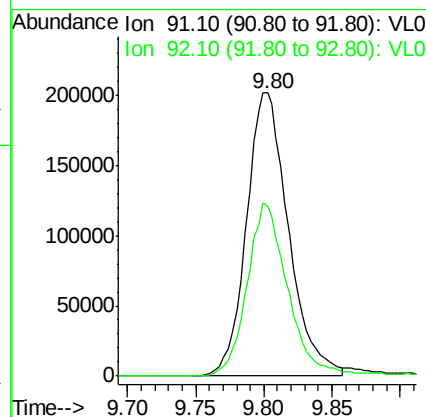
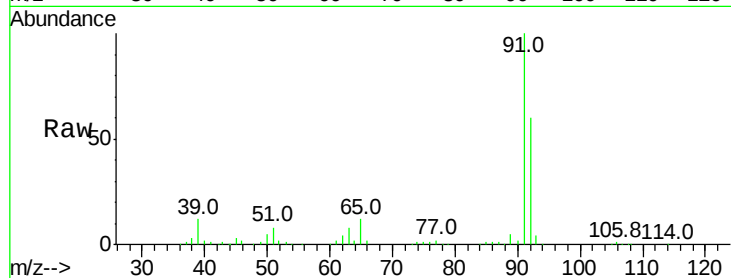
92 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.08 min Scan# 2890

Delta R.T. 0.01 min

Lab File: VL038585.D

Acq: 9 Mar 2022 20:55

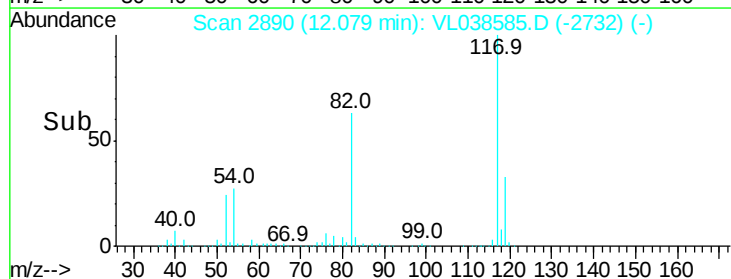
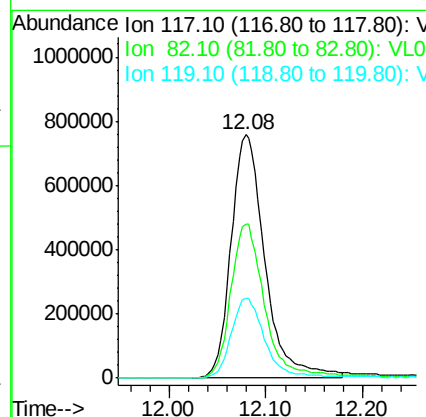
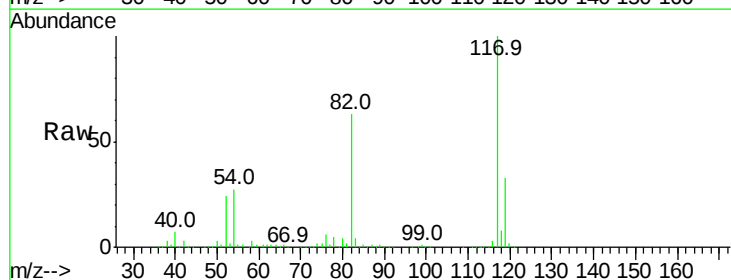
Tgt Ion:117 Resp: 1846371

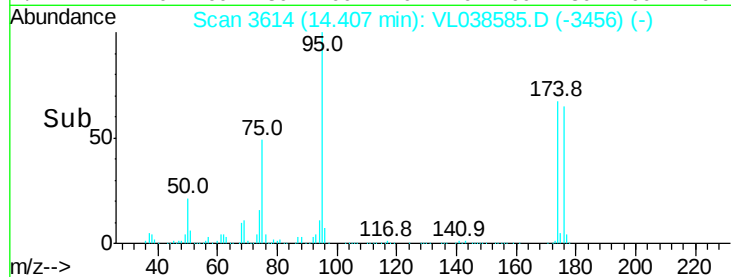
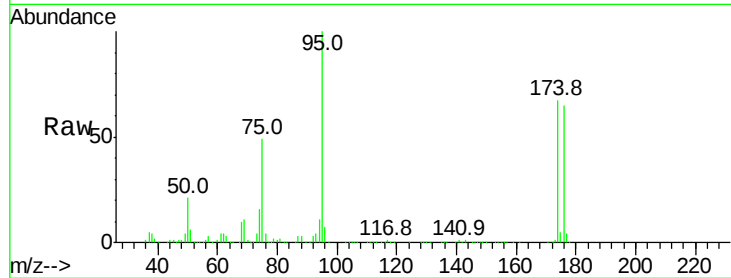
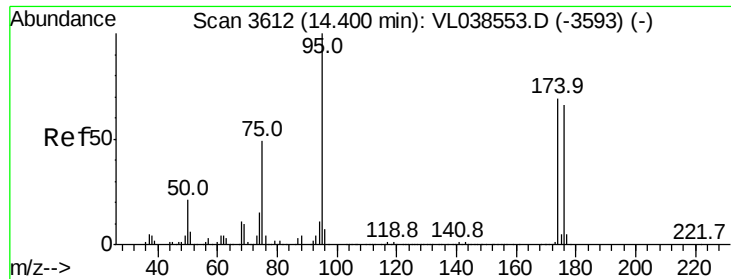
Ion Ratio Lower Upper

117 100

82 65.2 52.5 78.7

119 33.5 46.4 69.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.58 ppbv
 RT: 14.41
 Delta R.T
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 20:35

Tgt Ion:
 Ion Rati
 95 100
 174 72.
 175 5.

Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 03/14/2022

