

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
 Data File : VL037907.D
 Acq On : 26 Oct 2021 8:50
 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 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 12:16:38 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	5.71	49	1481422	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.22	114	4402414	10.00	ppbv	0.04
55) Chlorobenzene-d5	12.13	117	3873949m	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2817989	10.40	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.08	85	1905504	8.053 ppbv	97
3) Chlorodifluoromethane	3.02	51	2462251	8.650 ppbv	99
4) Chloromethane	3.18	50	857428	8.224 ppbv	95
5) Vinyl Chloride	3.29	62	877761	9.184 ppbv	96
6) Bromomethane	3.51	94	349724m	6.765 ppbv	
7) Chloroethane	3.59	64	300966	8.565 ppbv	90
8) Dichlorotetrafluoroethane	3.22	85	2027802	8.670 ppbv	99
9) Propene	3.04	41	804502	7.681 ppbv	98
10) Heptane	8.17	43	2130120	8.955 ppbv	99
11) Trichlorofluoromethane	3.99	101	1803738	8.544 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.52	101	1374728	8.594 ppbv	100
13) Ethanol	3.64	45	85760	10.013 ppbv	98
14) Bromoethene	3.78	108	602836	8.571 ppbv	96
15) Acetone	3.89	43	1007657	7.577 ppbv	99
16) 1,3-Butadiene	3.36	39	899519	9.296 ppbv	92
17) tert-Butyl alcohol	4.32	59	1057239	7.719 ppbv	98
18) 1,1-Dichloroethene	4.33	96	617199	8.490 ppbv	95
19) Isopropyl Alcohol	4.00	45	672409	8.127 ppbv	# 92
20) Methylene Chloride	4.38	84	511247	7.609 ppbv	95
21) Allyl Chloride	4.45	41	831649	7.059 ppbv	95
22) trans-1,2-Dichloroethene	4.93	96	636416	8.708 ppbv	99
23) Vinyl Acetate	5.11	43	1675523	8.407 ppbv	99
24) 1,1-Dichloroethane	5.05	63	1292737	8.911 ppbv	99
25) Ethyl Acetate	5.72	43	3085200	8.267 ppbv	99
26) Hexane	5.73	57	1555595	8.466 ppbv	94
27) Carbon Disulfide	4.59	76	1522570	9.349 ppbv	98
28) Methyl tert-Butyl Ether	5.08	73	1172359	7.663 ppbv	100
29) Chloroform	5.80	83	2219299	8.449 ppbv	97
30) Cyclohexane	7.18	84	1332143	8.549 ppbv	98
31) cis-1,2-Dichloroethene	5.59	61	1377963	8.260 ppbv	98
32) 1,1,1-Trichloroethane	6.56	97	2095686	8.416 ppbv	100
34) 2-Butanone	5.28	43	1382551	7.779 ppbv	100
35) Carbon Tetrachloride	7.07	117	2169627	8.678 ppbv	98
36) Benzene	6.94	78	3185730	8.472 ppbv	97
37) 1,2-Dichloroethane	6.35	62	1506341	8.508 ppbv	99
38) Trichloroethene	7.88	130	1267490	8.532 ppbv	95
39) 1,2-Dichloropropane	7.66	63	1220496	8.629 ppbv	99
40) 1,4-Dioxane	7.88	88	280532	7.926 ppbv	# 100
41) Tetrahydrofuran	6.10	42	659073	7.573 ppbv	97
42) Bromodichloromethane	7.83	83	2341243	9.002 ppbv	100
43) Methyl Methacrylate	8.06	69	1171244	9.536 ppbv	98

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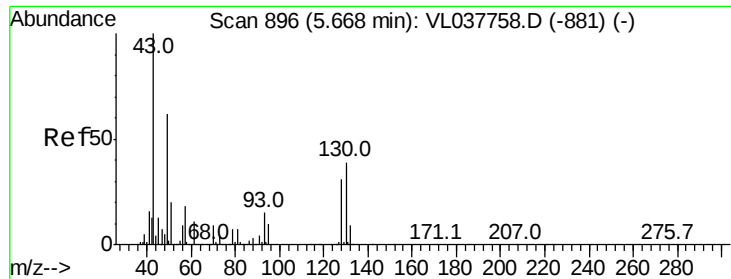
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.92	57	5425003	8.587	ppbv	98
45) t-1,3-Dichloropropene	9.33	75	443205m	5.245	ppbv	
46) cis-1,3-Dichloropropene	8.75	75	808300	6.901	ppbv	98
47) 1,1,2-Trichloroethane	9.52	97	1315396	8.555	ppbv	99
48) Dibromochloromethane	10.35	129	2086809	9.520	ppbv	99
49) Bromoform	13.09	173	1742433	10.389	ppbv	99
50) 4-Methyl-2-Pentanone	8.79	43	2181330	9.428	ppbv	99
51) 2-Hexanone	10.18	43	1079689	10.453	ppbv #	100
52) Tetrachloroethene	11.27	164	1163502	7.953	ppbv	97
53) Toluene	9.85	91	3695867	8.869	ppbv	99
54) 1,2-Dibromoethane	10.66	107	1717753	8.271	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.18	131	1485300	9.262	ppbv	93
57) Chlorobenzene	12.19	112	2762390	8.692	ppbv	98
58) Ethyl Benzene	12.76	91	4818499	9.263	ppbv	100
59) m/p-Xylene	13.04	91	8172070m	18.301	ppbv	
60) o-Xylene	13.74	91	3871887	9.048	ppbv	100
61) Styrene	13.57	104	2019630	9.757	ppbv	98
62) Isopropylbenzene	14.72	105	5580187	9.349	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.72	83	2937687	8.896	ppbv	99
64) n-propylbenzene	15.61	120	1484977	9.977	ppbv	95
65) tert-Butylbenzene	16.79	119	4886089	9.302	ppbv	98
66) Benzyl Chloride	17.04	91	105558m	4.072	ppbv	
67) sec-Butylbenzene	17.34	105	6892920	9.595	ppbv	100
69) p-Isopropyltoluene	17.70	119	5716819	9.843	ppbv	99
70) n-Butylbenzene	18.59	91	5574630	10.104	ppbv	99
71) 2-Chlorotoluene	15.50	91	4088172	9.699	ppbv	99
72) 4-Ethyltoluene	15.89	105	4723676	9.721	ppbv	99
73) 1,3,5-Trimethylbenzene	16.04	105	4179072	9.468	ppbv	93
74) 1,2,4-Trimethylbenzene	16.81	105	4380944	9.452	ppbv	95
75) 1,3-Dichlorobenzene	17.04	146	2767644	9.638	ppbv	99
76) 1,4-Dichlorobenzene	17.18	146	2652442	9.683	ppbv	100
77) 1,2-Dichlorobenzene	17.86	146	2673758	9.693	ppbv	99
78) Hexachloro-1,3-Butadiene	23.42	225	2010716	8.927	ppbv	99
79) Naphthalene	22.25	128	3161536	11.138	ppbv	100
80) Naphthalene, 2-methyl-	25.00	142	676669	8.878	ppbv	96
81) 1,2,4-Trichlorobenzene	21.98	180	1958208	10.786	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

49 100

128 55.

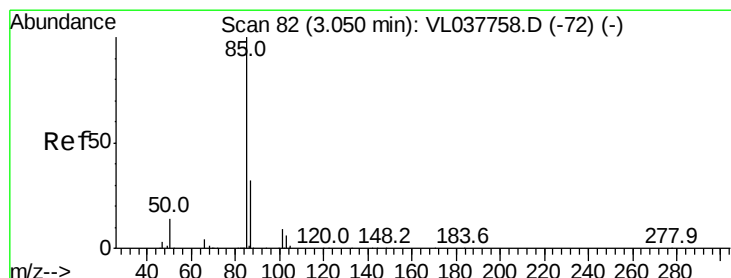
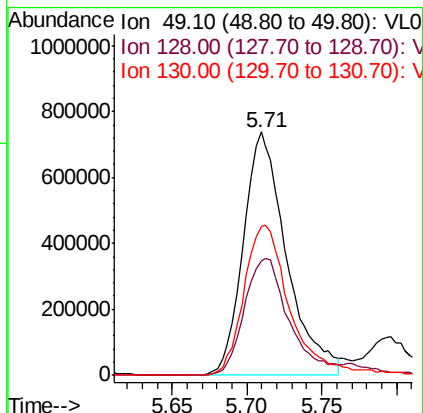
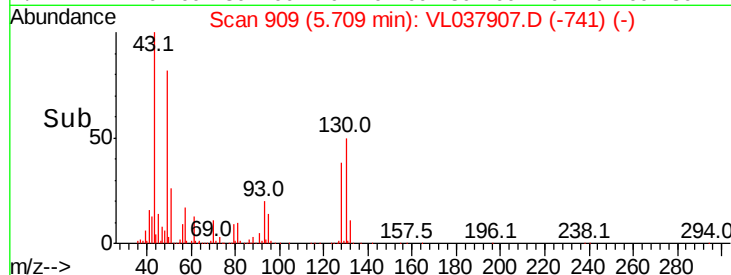
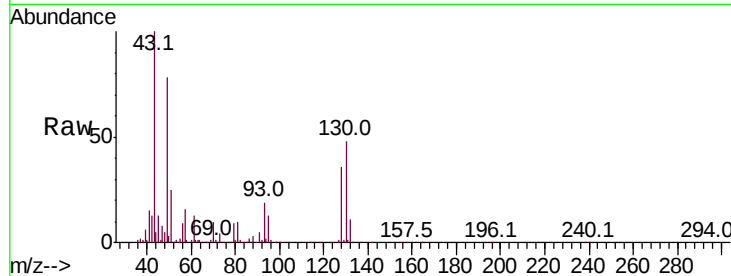
130 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 8.053 ppbv

RT: 3.08 min Scan# 92

Delta R.T. 0.03 min

Lab File: VL037907.D

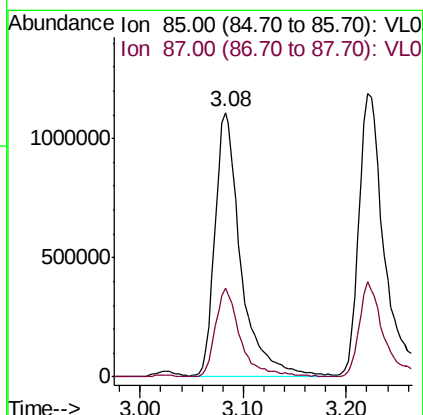
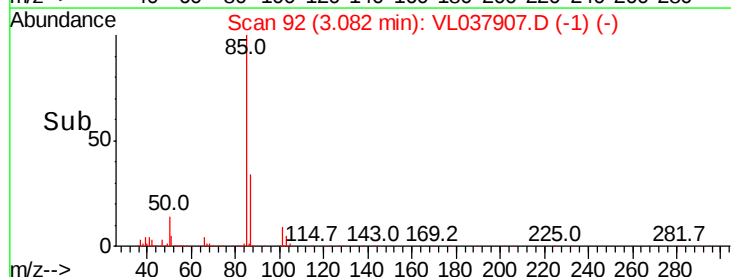
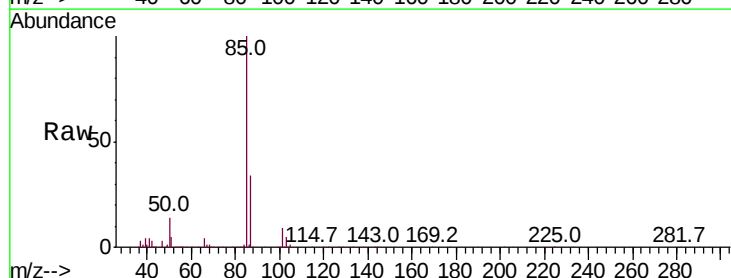
Acq: 26 Oct 2021 8:50

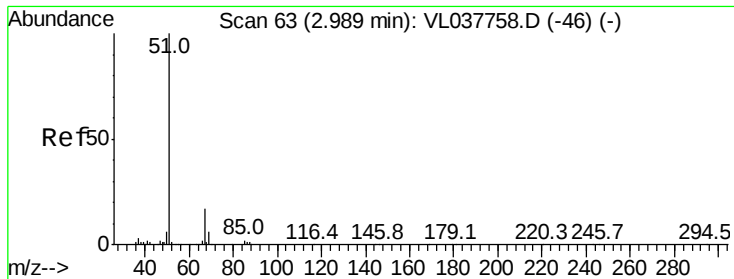
Tgt Ion: 85 Resp: 1905504

Ion Ratio Lower Upper

85 100

87 33.7 25.7 38.5





#3

Chlorodifluoromethane

Concen: 8.650 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

51 100

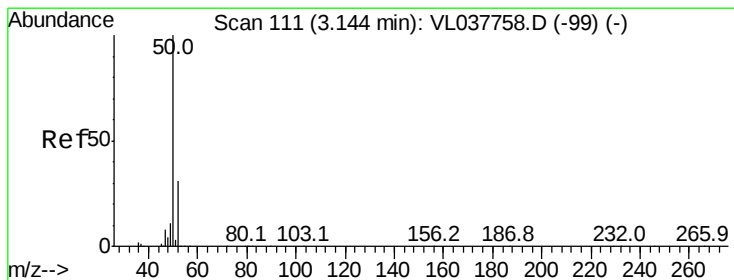
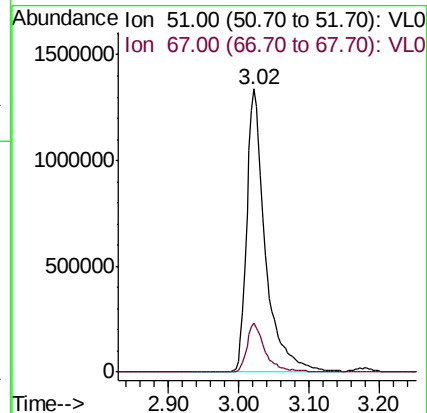
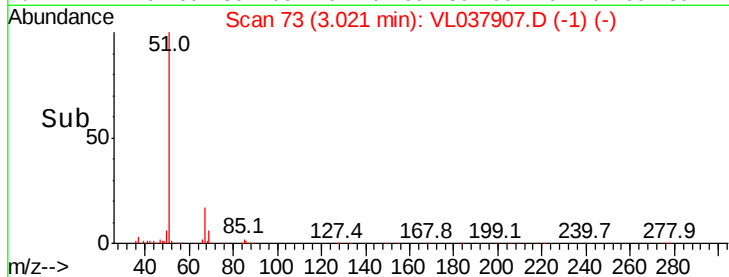
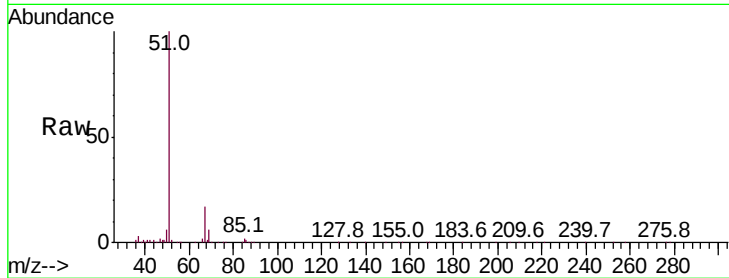
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#4

Chloromethane

Concen: 8.224 ppbv

RT: 3.18 min Scan# 121

Delta R.T. 0.03 min

Lab File: VL037907.D

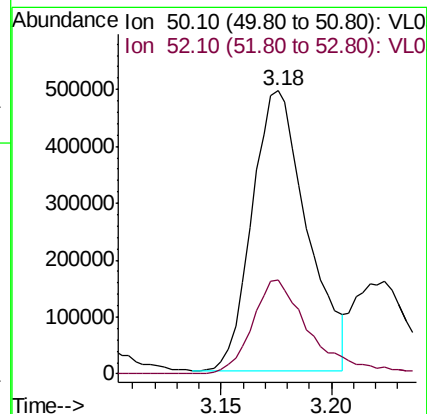
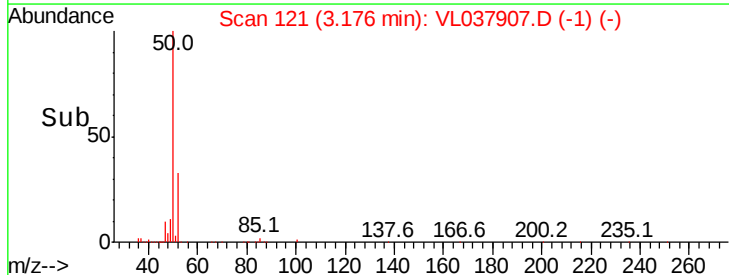
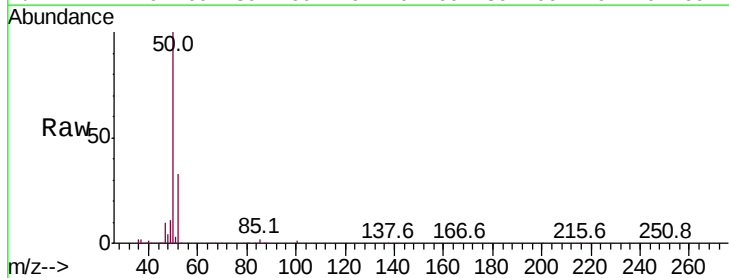
Acq: 26 Oct 2021 8:50

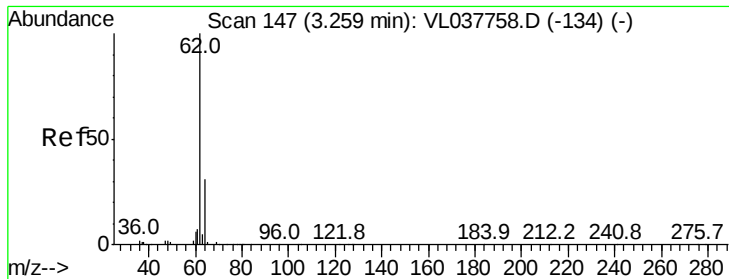
Tgt Ion: 50 Resp: 857428

Ion Ratio Lower Upper

50 100

52 33.3 24.4 36.6





#5

Vinyl Chloride

Concen: 9.184 ppbv

RT: 3.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:50 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

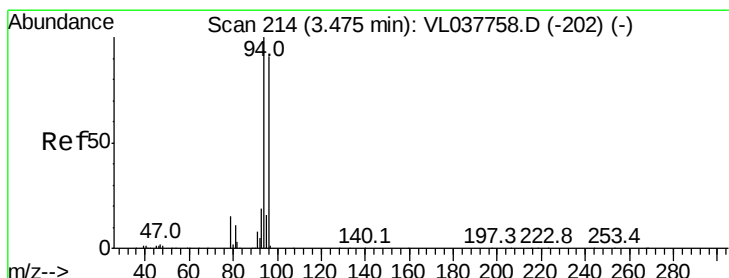
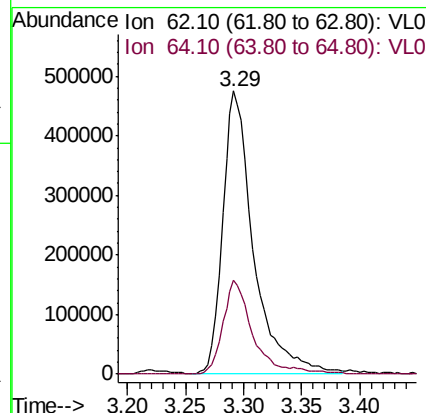
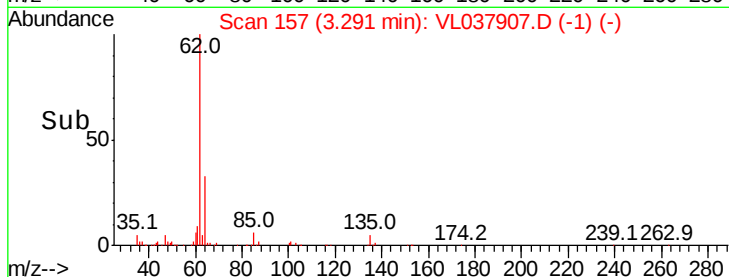
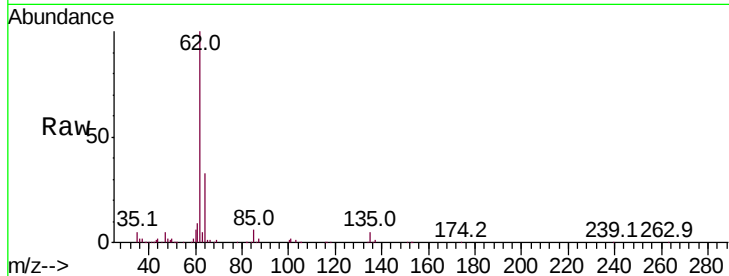
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 6.765 ppbv m

RT: 3.51 min Scan# 225

Delta R.T. 0.04 min

Lab File: VL037907.D

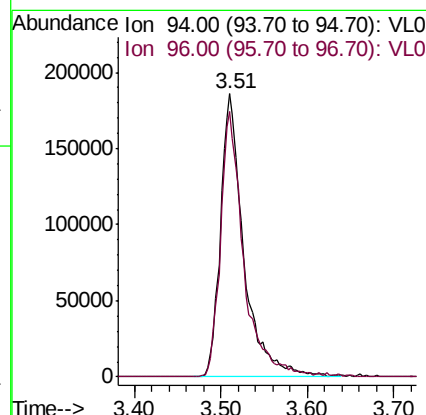
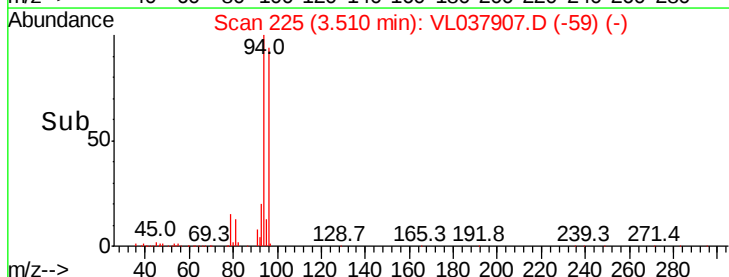
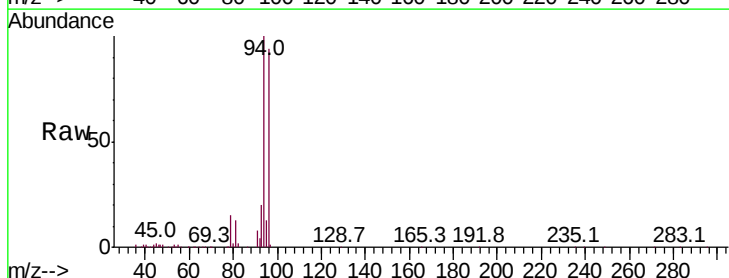
Acq: 26 Oct 2021 8:50

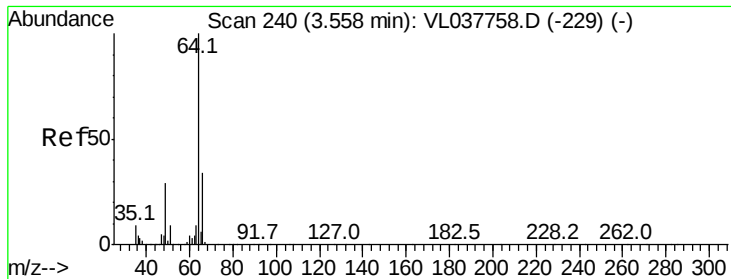
Tgt Ion: 94 Resp: 349724

Ion Ratio Lower Upper

94 100

96 94.0 72.5 108.7





#7

Chloroethane

Concen: 8.565 ppbv

RT: 3.59

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

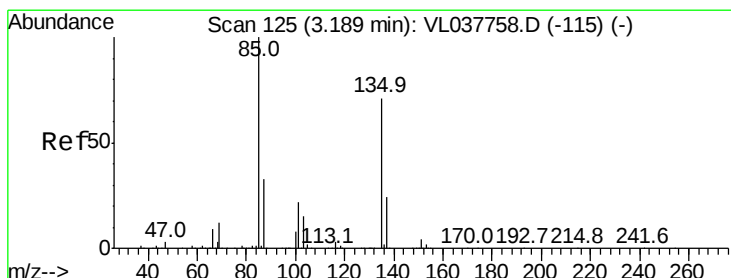
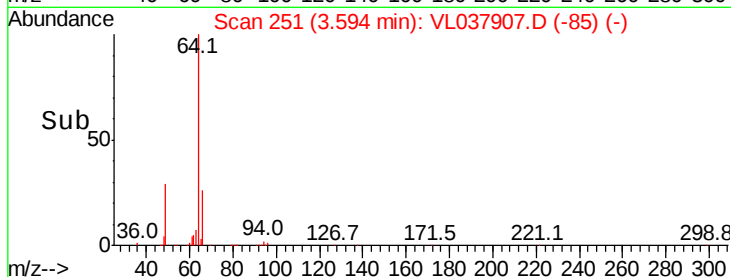
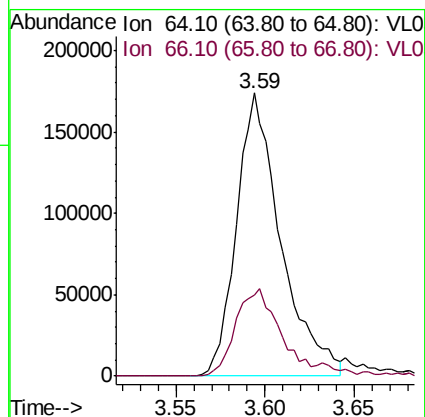
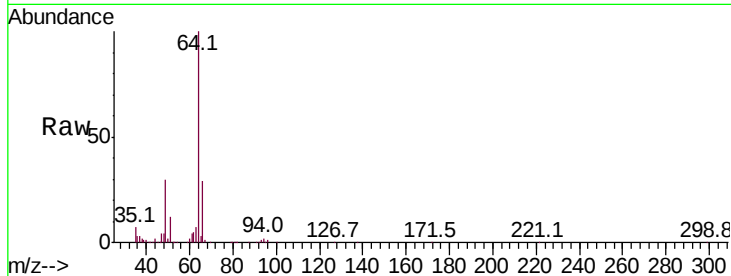
66 28.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 8.670 ppbv

RT: 3.22 min Scan# 135

Delta R.T. 0.03 min

Lab File: VL037907.D

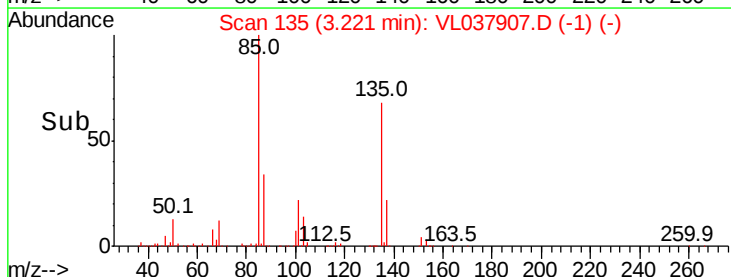
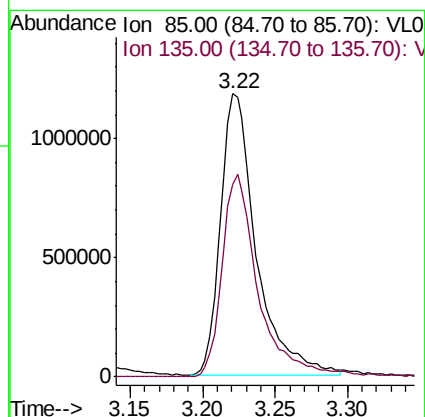
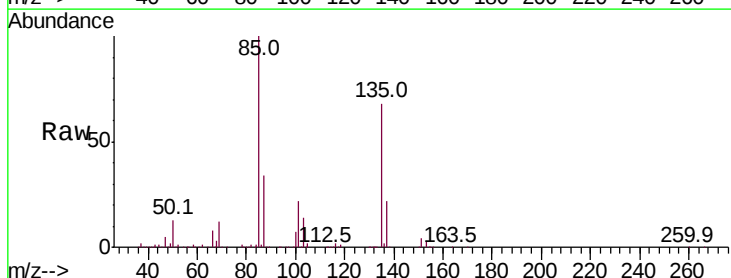
Acq: 26 Oct 2021 8:50

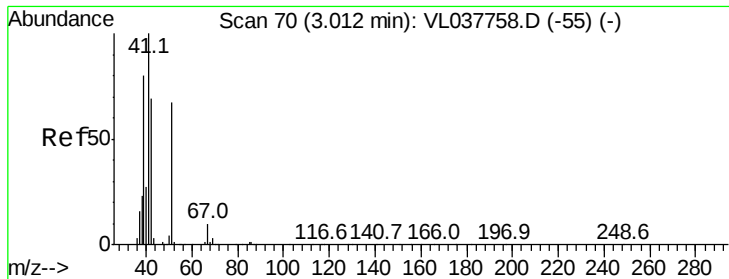
Tgt Ion: 85 Resp: 2027802

Ion Ratio Lower Upper

85 100

135 73.8 59.5 89.3





#9

Propene

Concen: 7.681 ppbv

RT: 3.04

Delta R.T.

Lab File:

Acq: 26 Oct 2021

Instrument :

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ClientSampleId :

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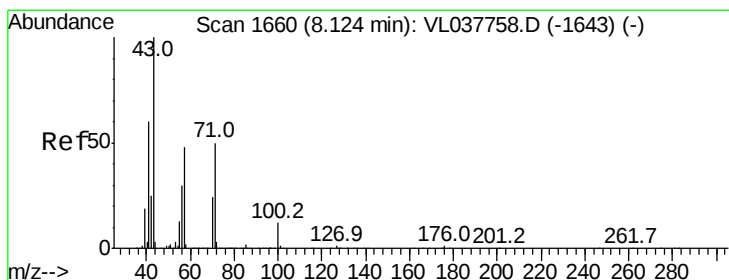
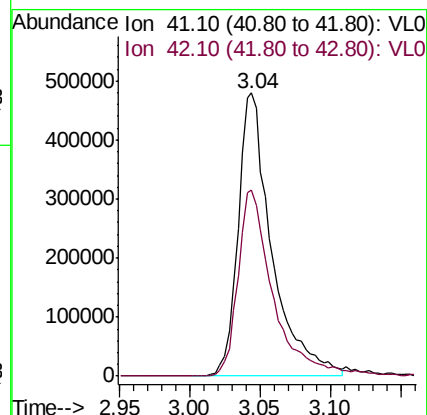
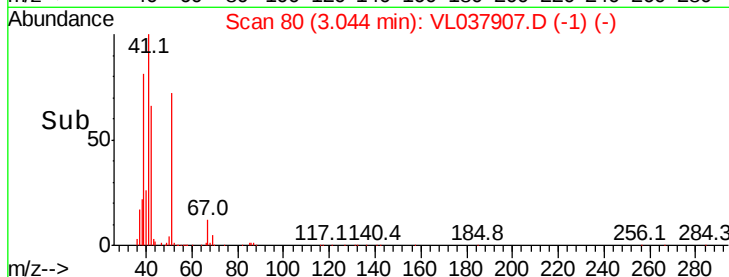
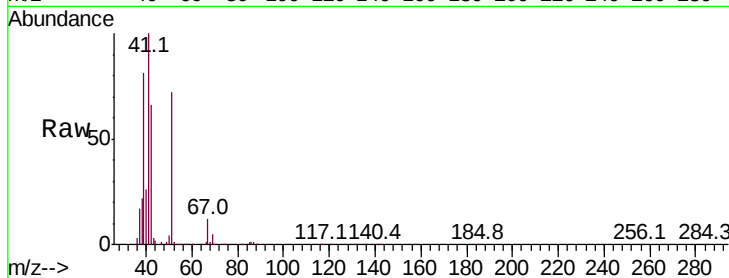
Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:

Ion Ratio

41 100

42 69.



#10

Heptane

Concen: 8.955 ppbv

RT: 8.17 min Scan# 1674

Delta R.T. 0.04 min

Lab File: VL037907.D

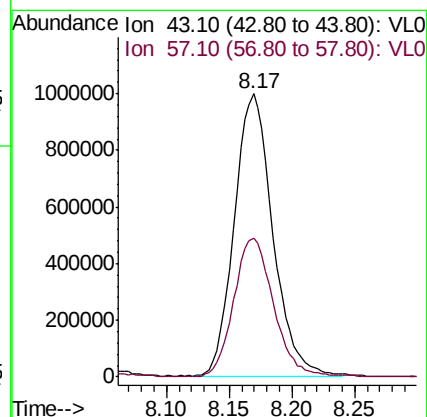
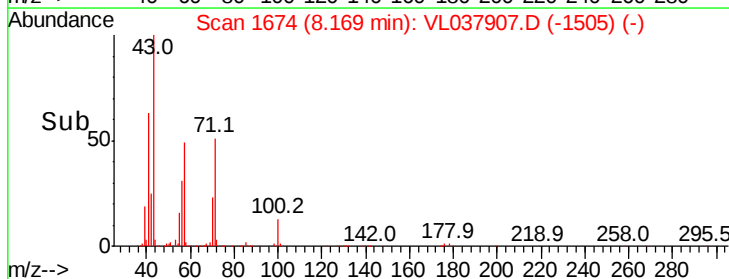
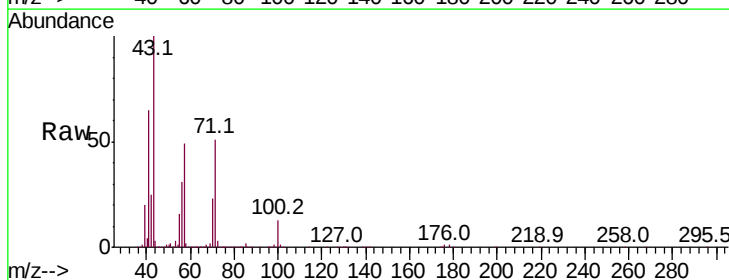
Acq: 26 Oct 2021 8:50

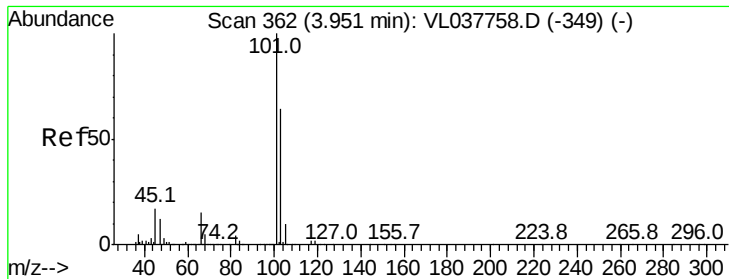
Tgt Ion: 43 Resp: 2130120

Ion Ratio Lower Upper

43 100

57 50.6 40.0 60.0



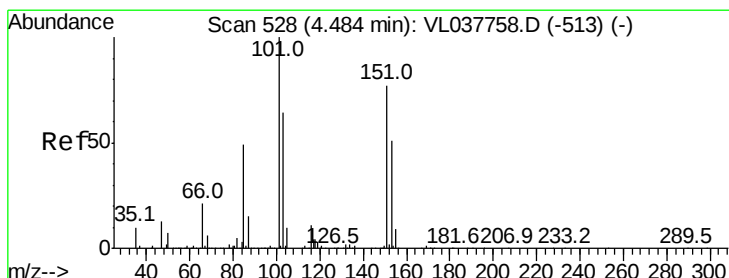
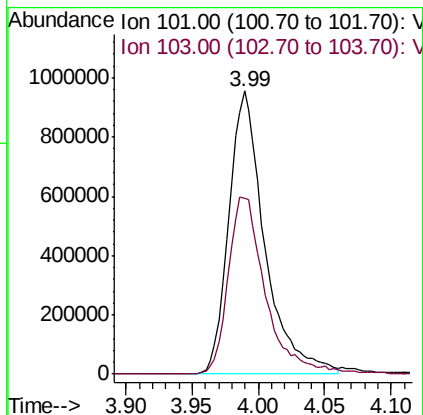
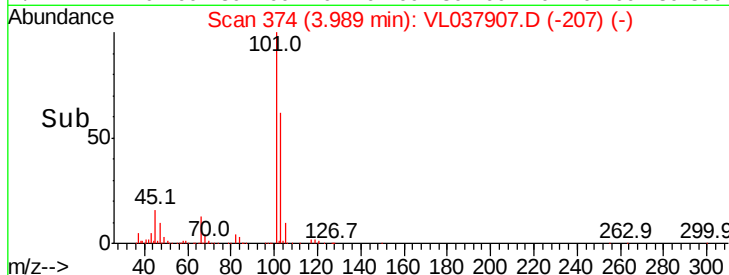
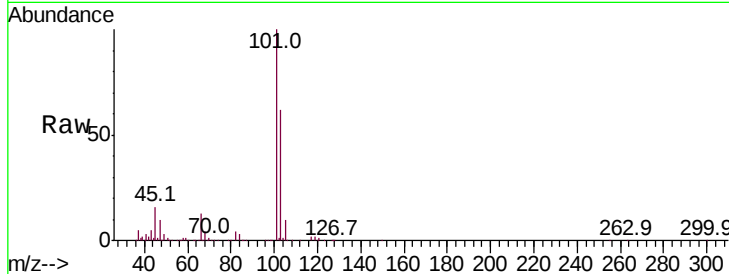


#11
 Trichlorofluoromethane
 Concen: 8.544 ppbv
 RT: 3.99
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 26 Oct 2021 8:50

Tot Ion:1
 Ion Rati
 101 100
 103 62.

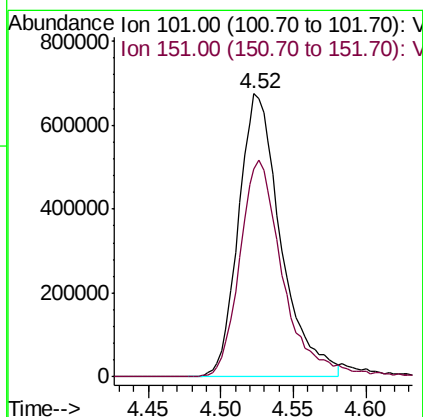
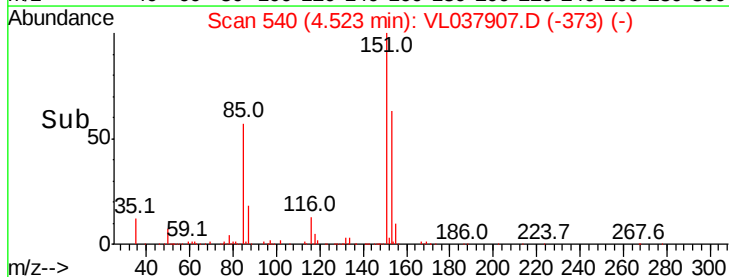
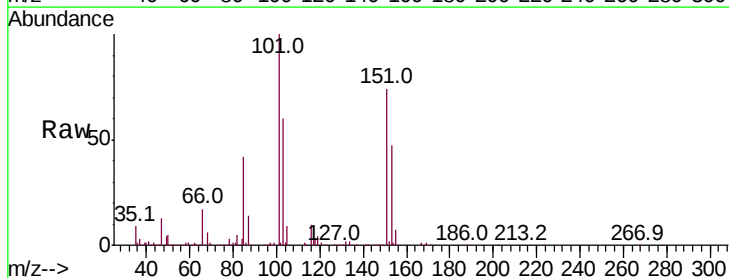
Manual Integrations
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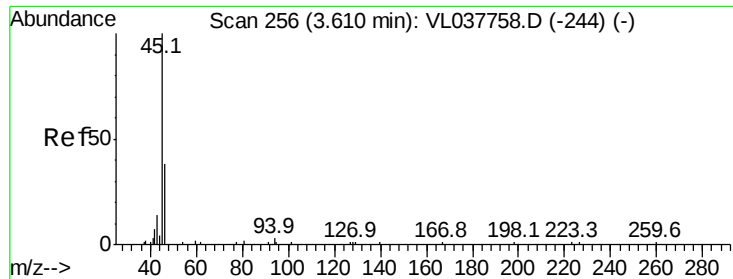
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.594 ppbv
 RT: 4.52 min Scan# 540
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion:101 Resp: 1374728
 Ion Ratio Lower Upper
 101 100
 151 78.8 62.9 94.3

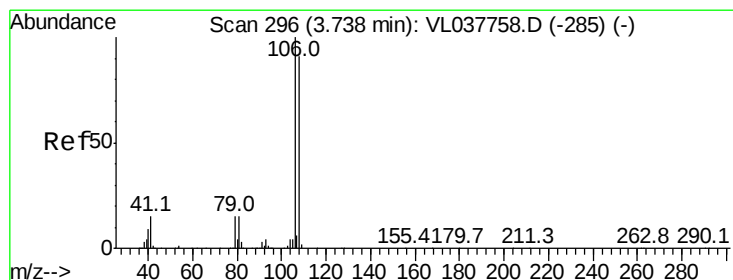
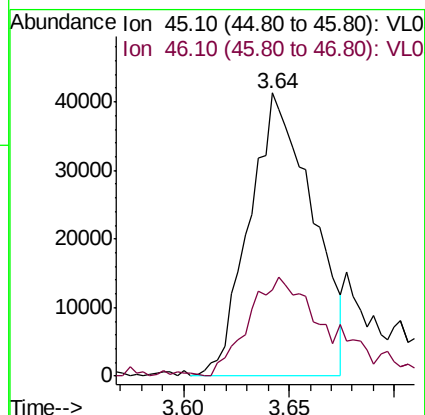
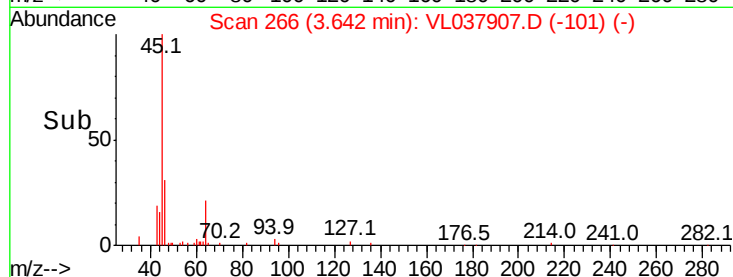
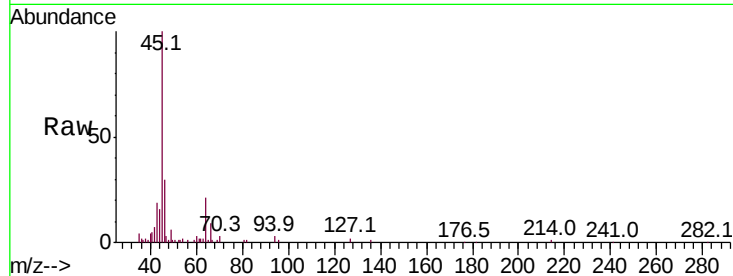




#13
 Ethanol
 Concen: 10.013 ppbv
 RT: 3.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 26 Oct 2021 8:50

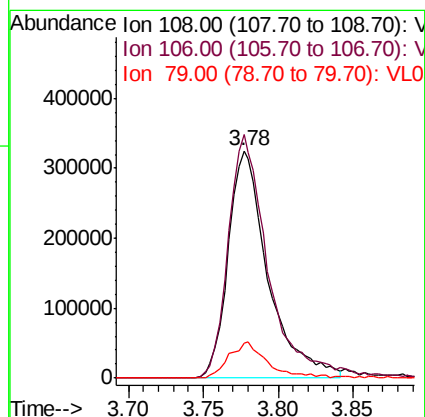
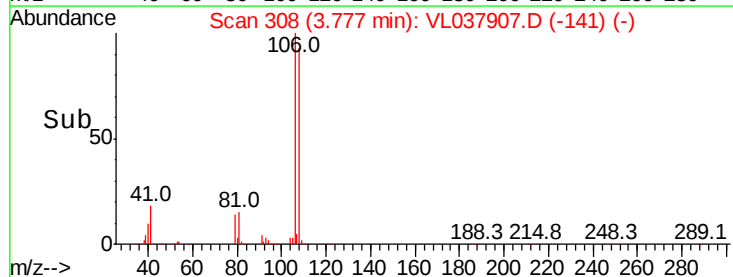
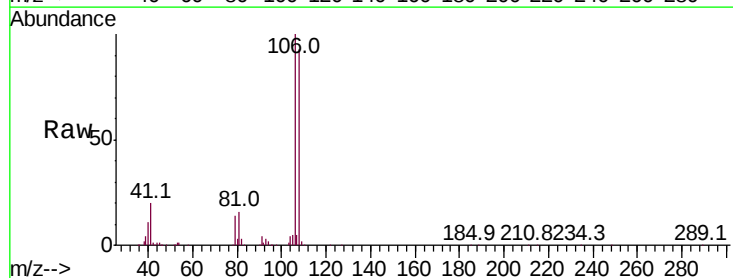
Manual Integrations
 APPROVED

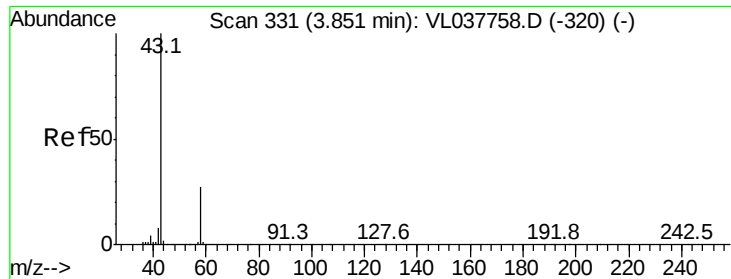
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#14
 Bromoethene
 Concen: 8.571 ppbv
 RT: 3.78 min Scan# 308
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt	Ion	Ratio	Resp	Lower	Upper
108	108	100	602836		
106	106	109.8		91.9	137.9
79	79	16.6		13.9	20.9



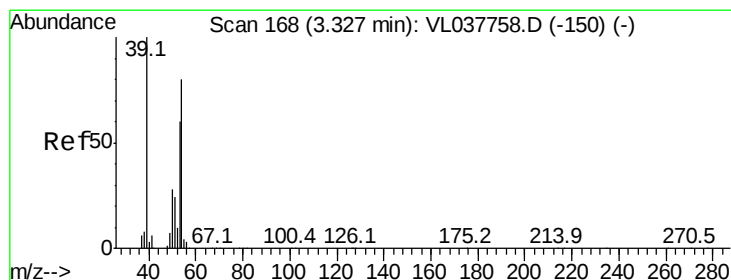
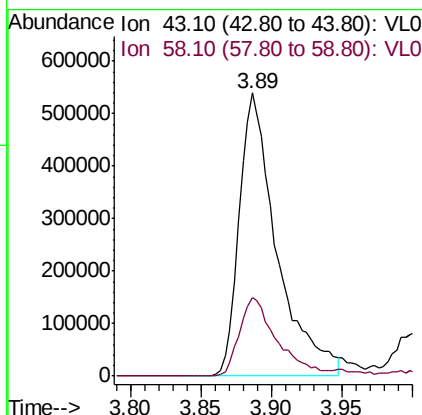
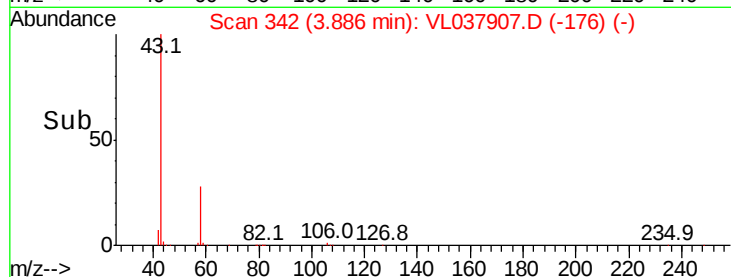
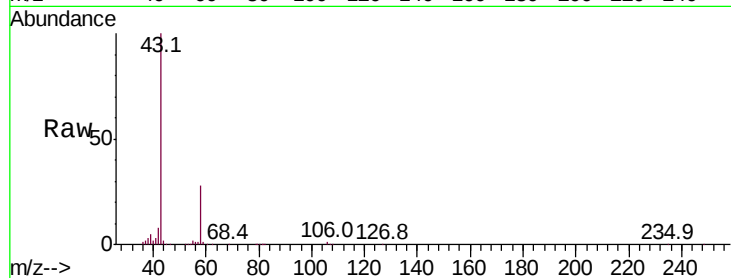


#15
Acetone
Concen: 7.577 ppbv
RT: 3.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
43 100
58 29.

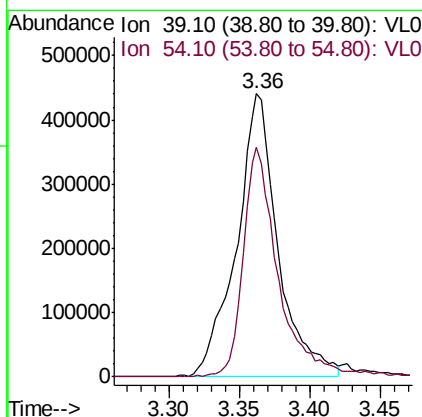
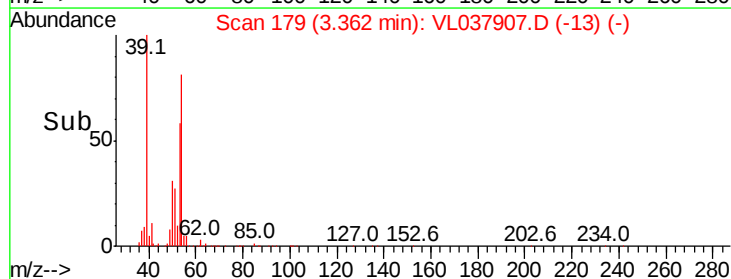
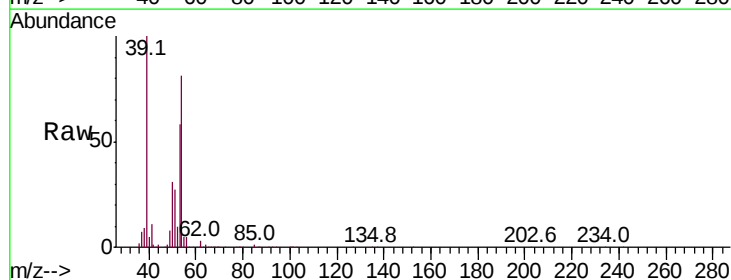
Manual Integrations
APPROVED

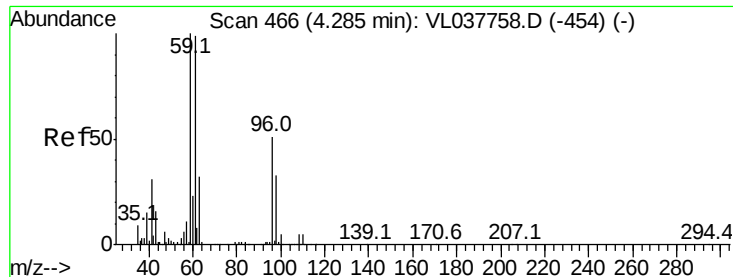
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
1,3-Butadiene
Concen: 9.296 ppbv
RT: 3.36 min Scan# 179
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 39 Resp: 899519
Ion Ratio Lower Upper
39 100
54 70.0 61.7 92.5





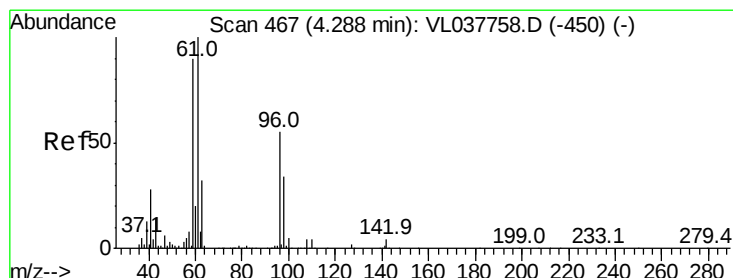
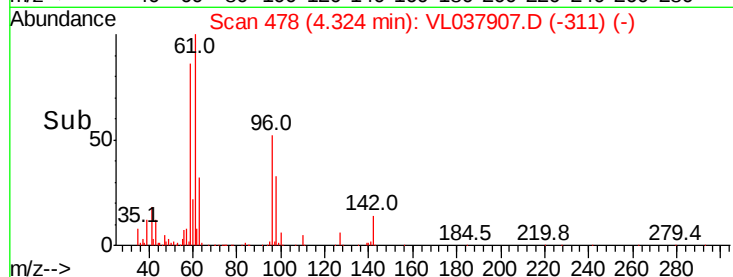
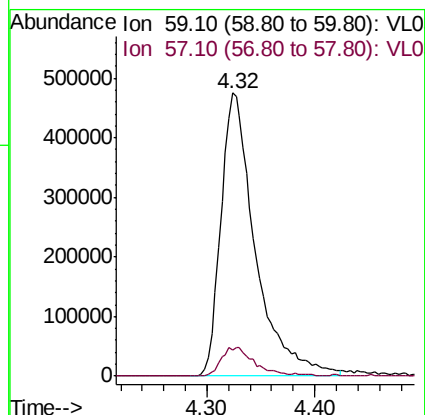
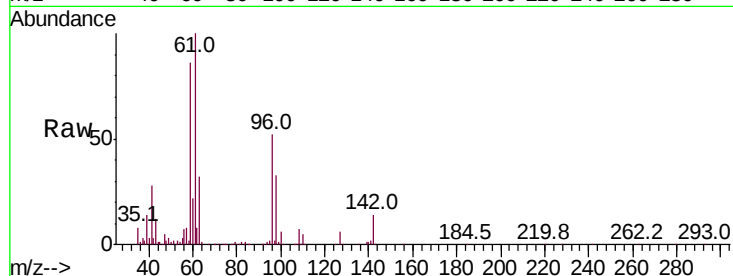
#17

tert-Butyl alcohol
Concen: 7.719 ppbv
RT: 4.32
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
APPROVED

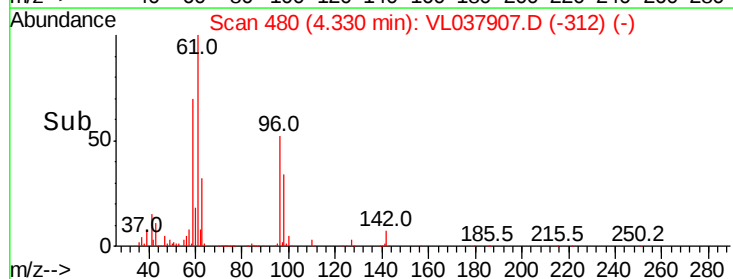
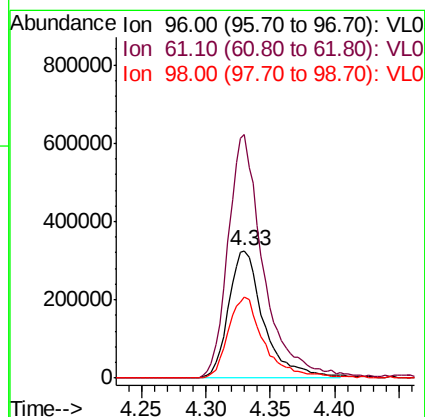
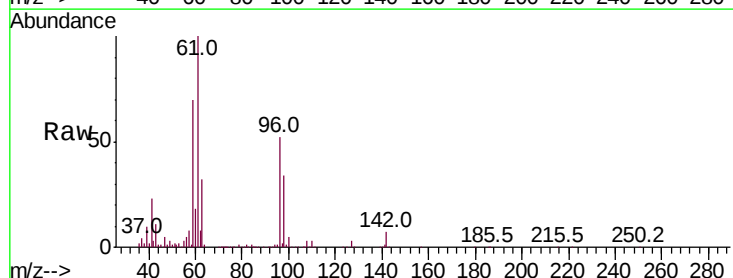
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

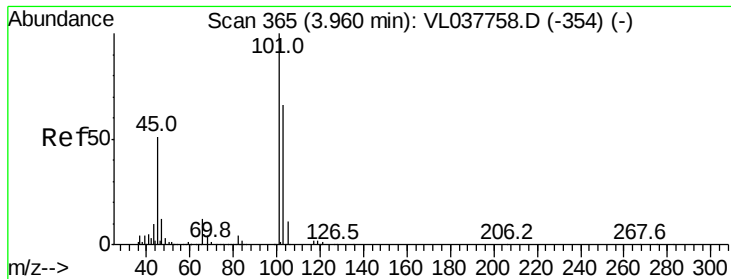


#18

1,1-Dichloroethene
Concen: 8.490 ppbv
RT: 4.33 min Scan# 480
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 96 Resp: 617199
Ion Ratio Lower Upper
96 100
61 191.1 146.2 219.4
98 64.1 50.0 75.0



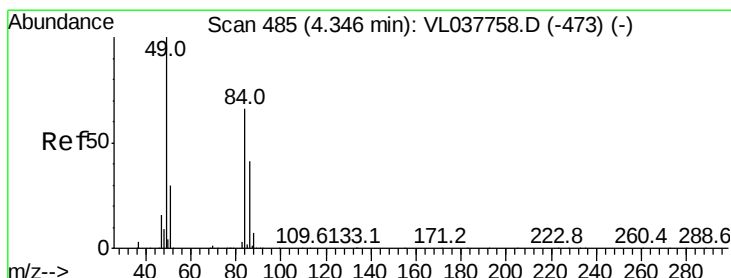
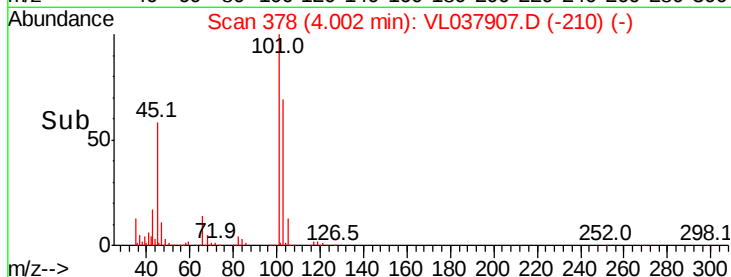
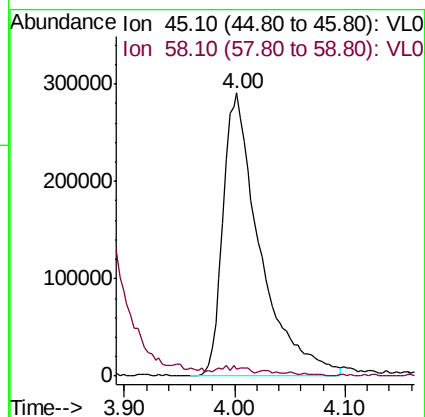
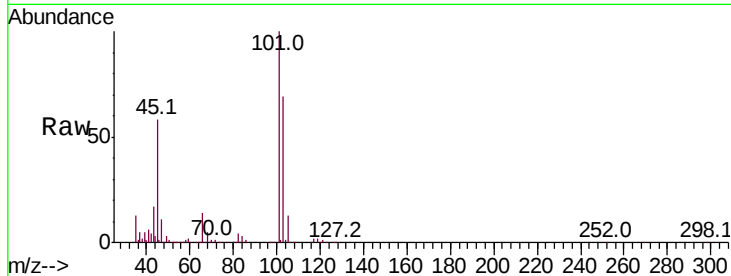


#19
Isopropyl Alcohol
Concen: 8.127 ppbv
RT: 4.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
45 100
58 4.

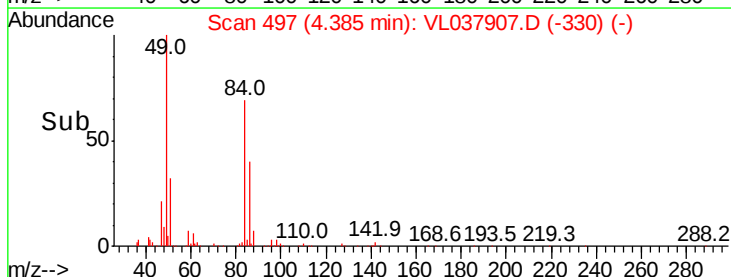
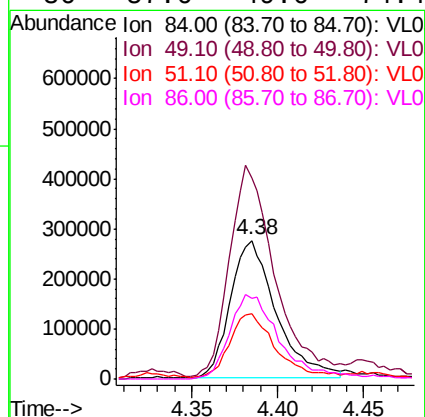
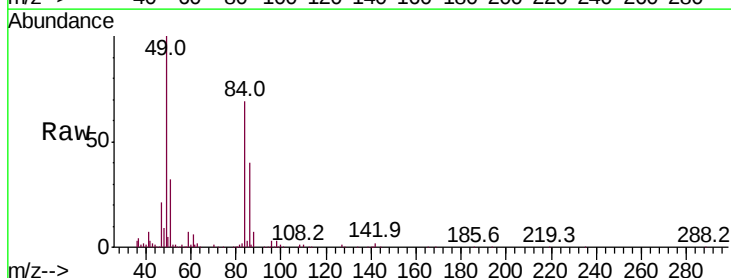
Manual Integrations
APPROVED

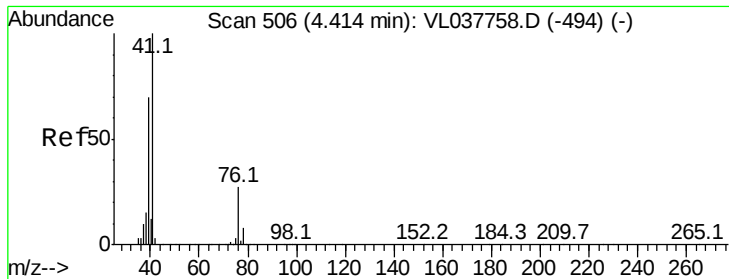
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#20
Methylene Chloride
Concen: 7.609 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 84 Resp: 511247
Ion Ratio Lower Upper
84 100
49 143.8 120.7 181.1
51 45.9 36.2 54.4
86 57.6 49.6 74.4





#21

Allvl Chloride

Concen: 7.059 ppbv

RT: 4.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

41 100

76 29.

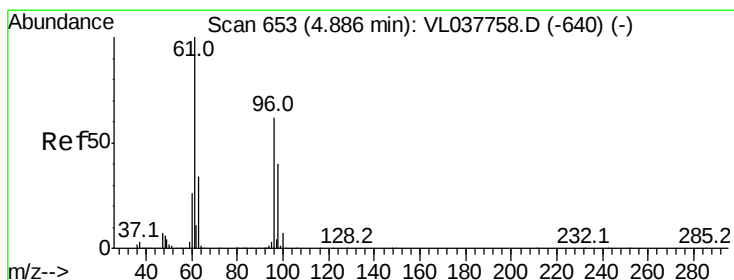
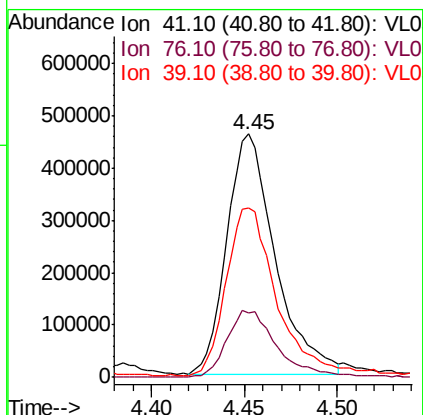
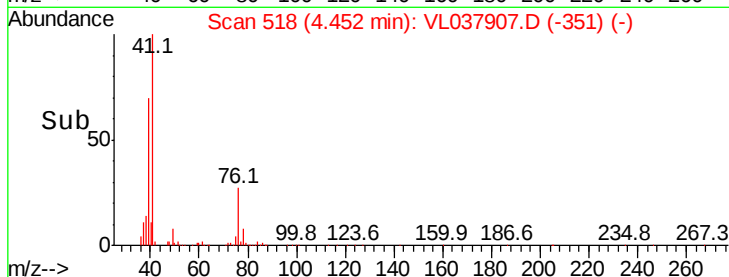
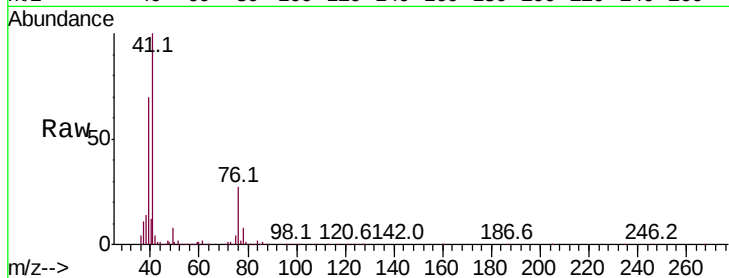
39 77.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#22

trans-1,2-Dichloroethene

Concen: 8.708 ppbv

RT: 4.93 min Scan# 666

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

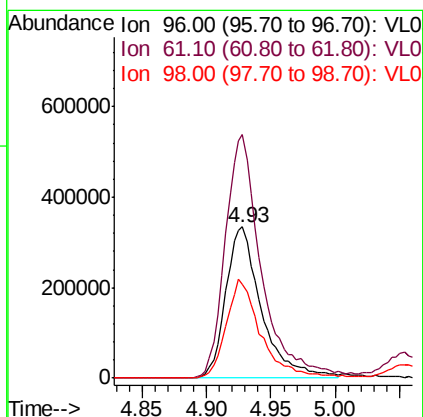
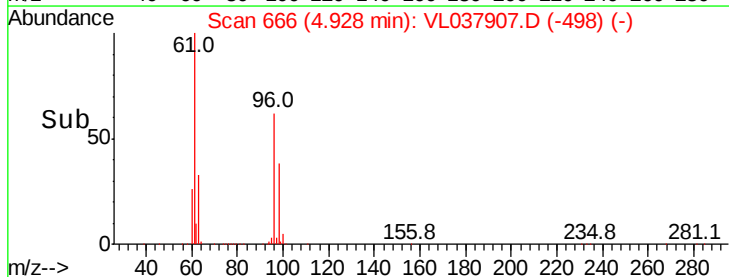
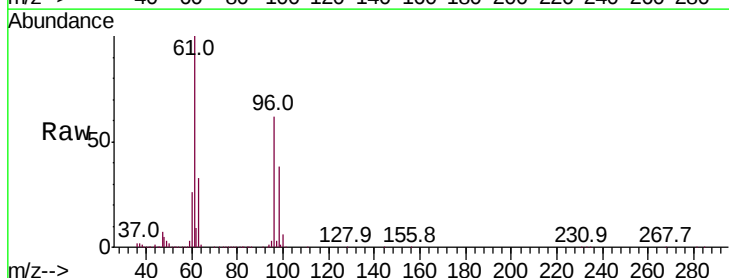
Tgt Ion: 96 Resp: 636416

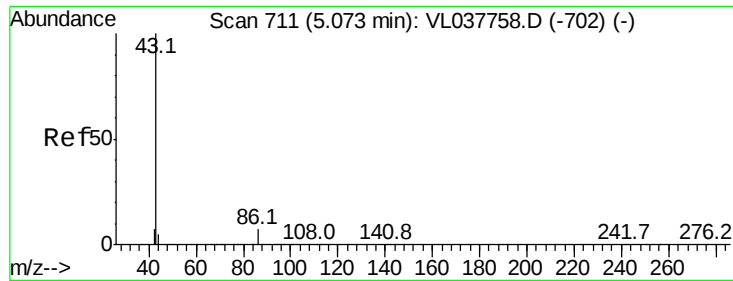
Ion Ratio Lower Upper

96 100

61 161.3 129.0 193.6

98 61.9 51.7 77.5





#23

Vinyl Acetate

Concen: 8.407 ppbv

RT: 5.11 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

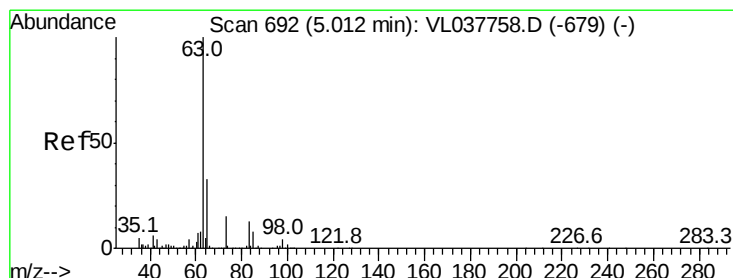
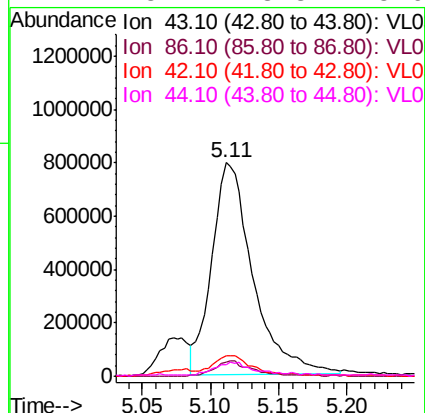
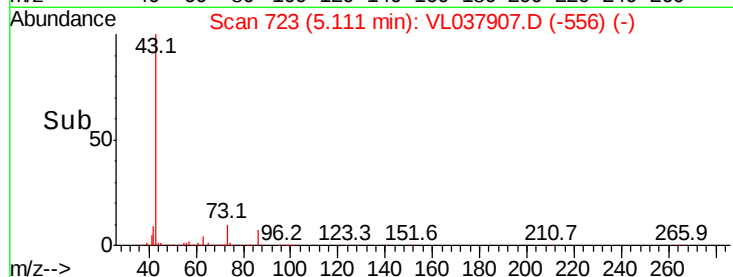
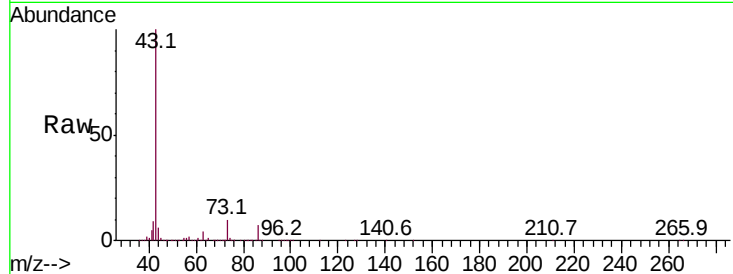
44 5.4

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#24

1,1-Dichloroethane

Concen: 8.911 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

Tgt Ion: 63 Resp: 1292737

Ion Ratio Lower Upper

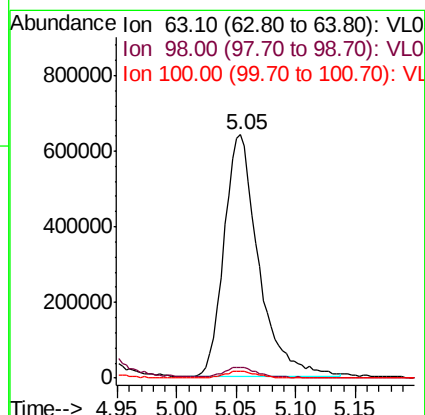
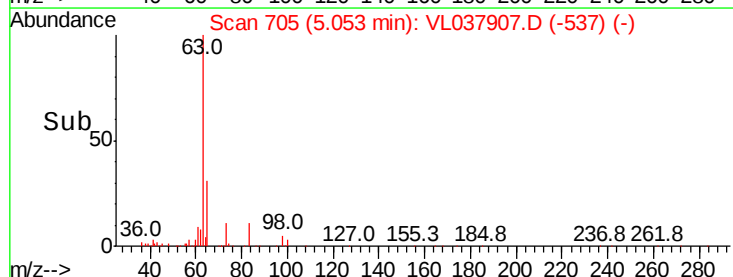
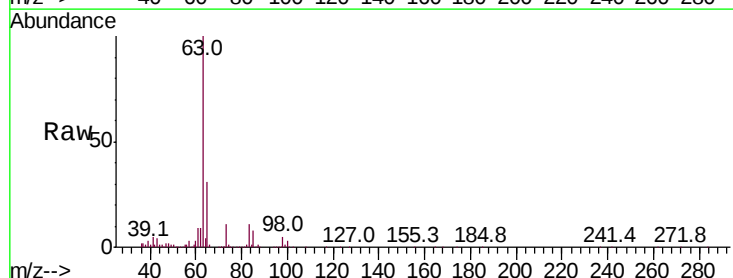
63 100

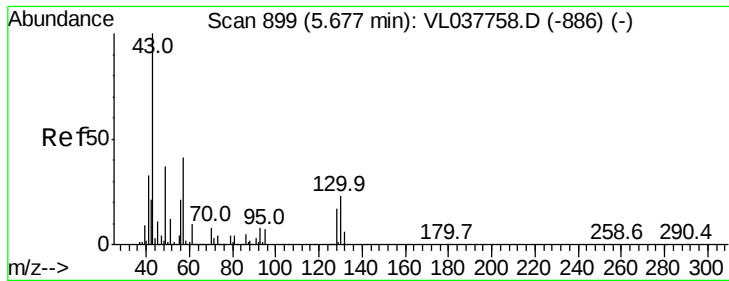
98 4.4

100 2.8

2.3 6.9

1.1 3.1





#25

Ethyl Acetate

Concen: 8.267 ppbv

RT: 5.72

Delta R.T. MSVOA_L

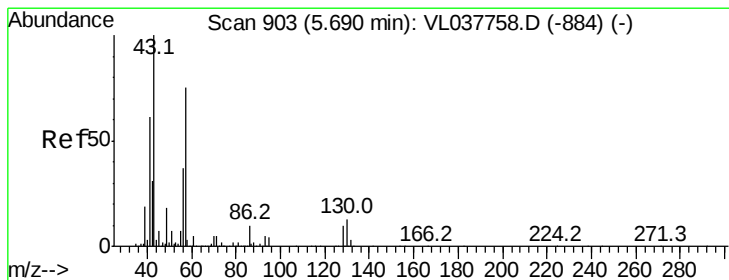
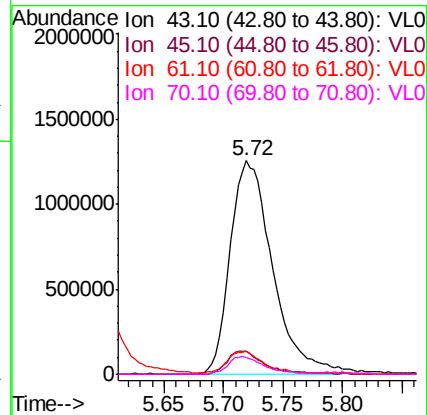
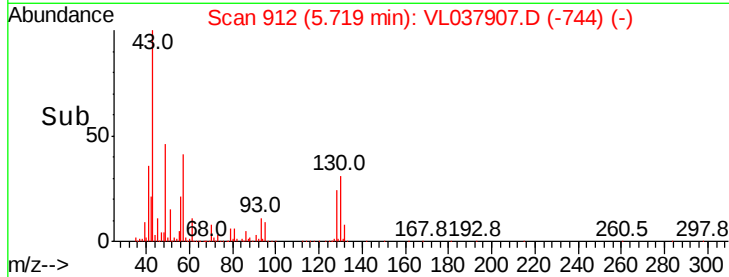
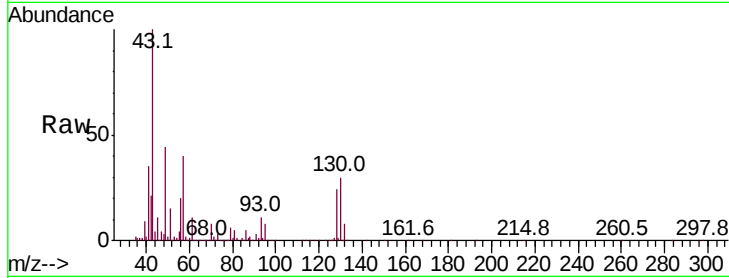
Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

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Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:
Ion Ratio
43 100
45 9.
61 10.
70 7.0 5.9 8.9



#26

Hexane

Concen: 8.466 ppbv

RT: 5.73 min Scan# 915

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

Tgt Ion: 57 Resp: 1555595

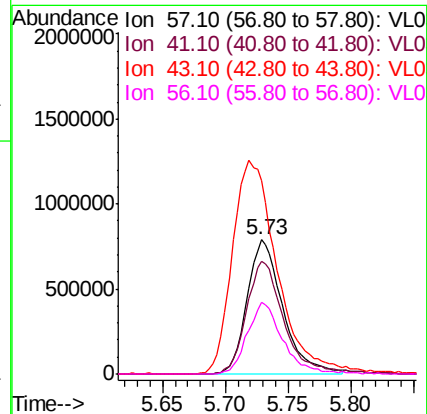
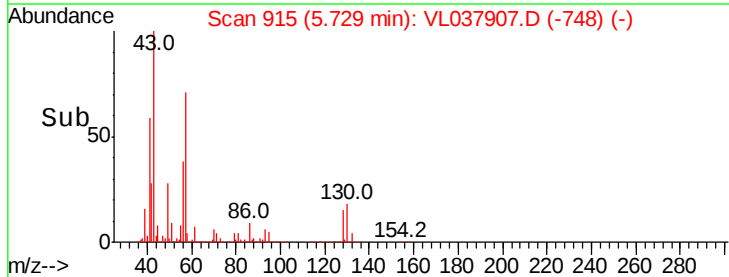
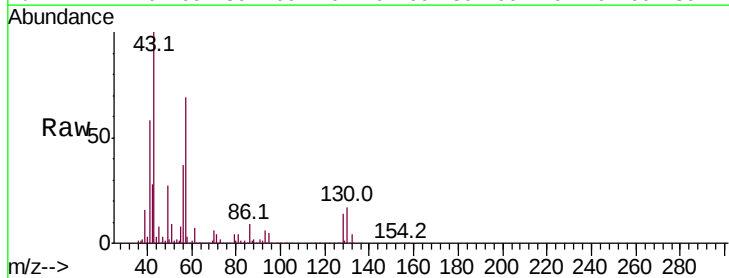
Ion Ratio Lower Upper

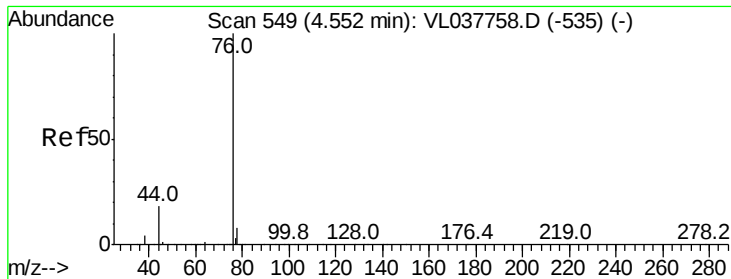
57 100

41 89.4 69.6 104.4

43 202.1 171.4 257.0

56 54.0 42.0 63.0





#27

Carbon Disulfide

Concen: 9.349 ppbv

RT: 4.59 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:50 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 16.

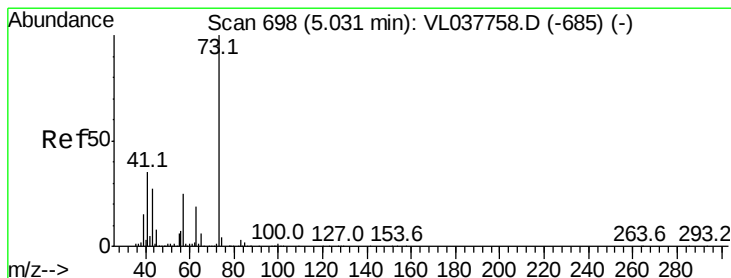
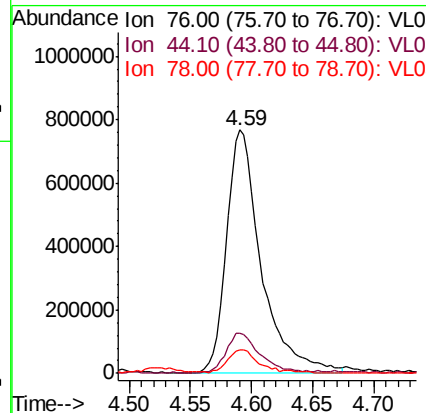
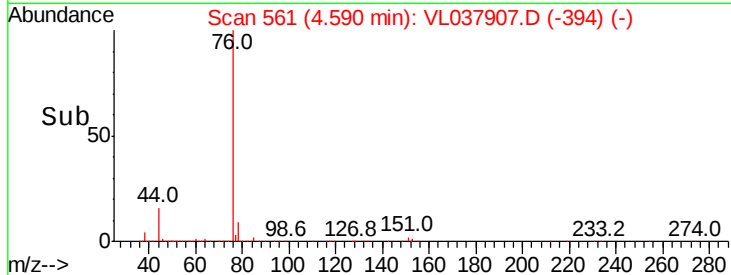
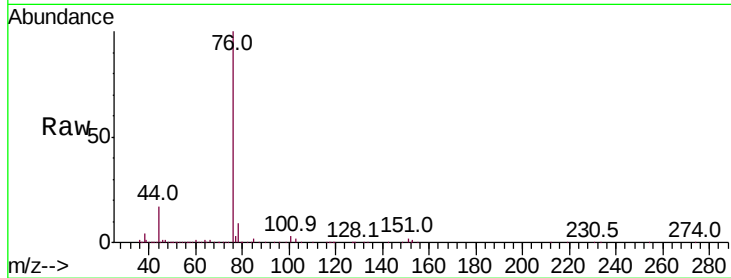
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 7.663 ppbv

RT: 5.08 min Scan# 712

Delta R.T. 0.04 min

Lab File: VL037907.D

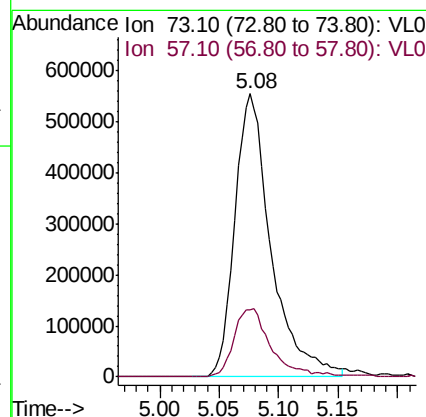
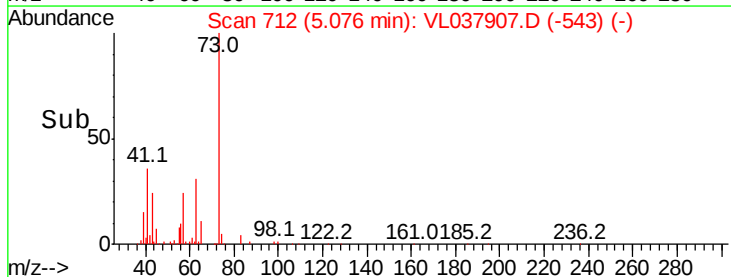
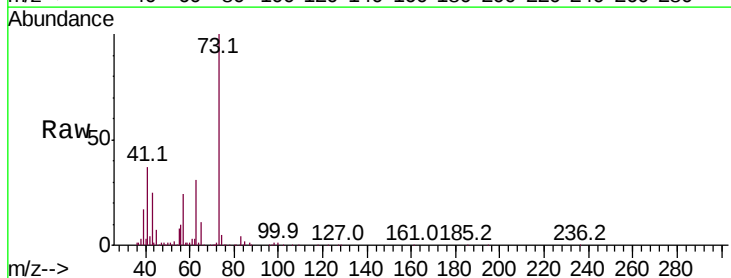
Acq: 26 Oct 2021 8:50

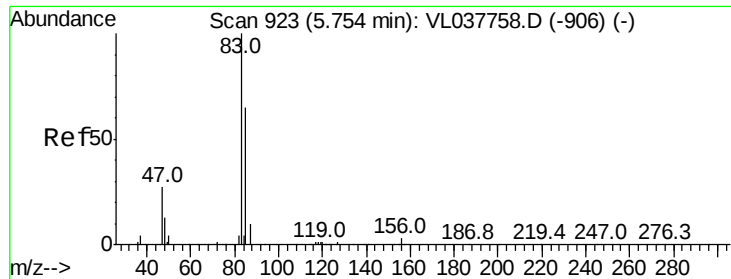
Tgt Ion: 73 Resp: 1172359

Ion Ratio Lower Upper

73 100

57 25.3 20.4 30.6



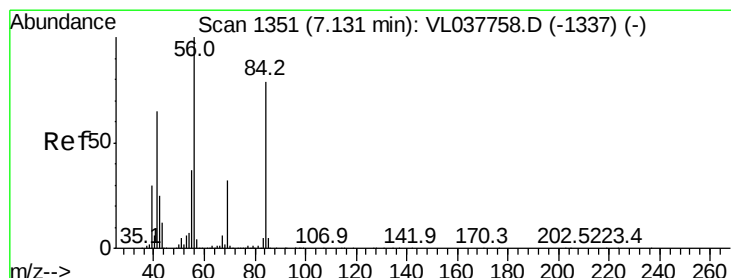
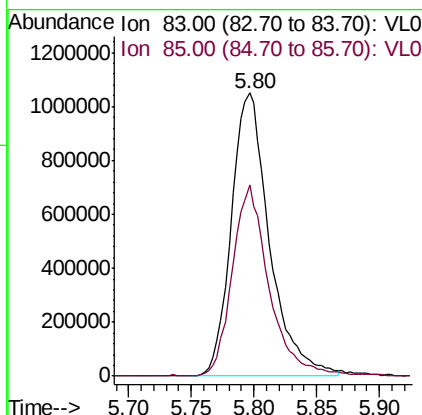
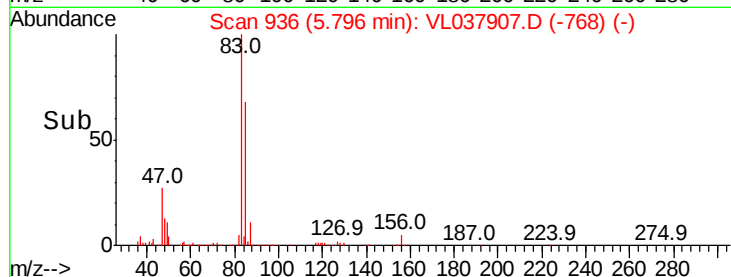
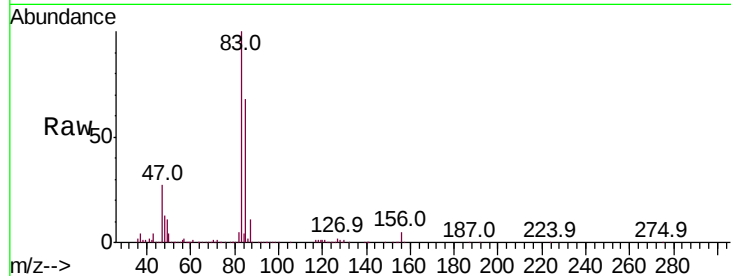


#29
Chloroform
Concen: 8.449 ppbv
RT: 5.80
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
83 100
85 67.

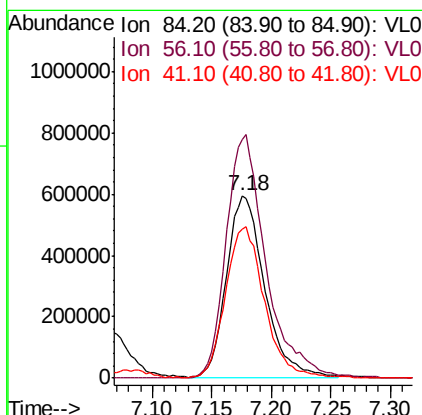
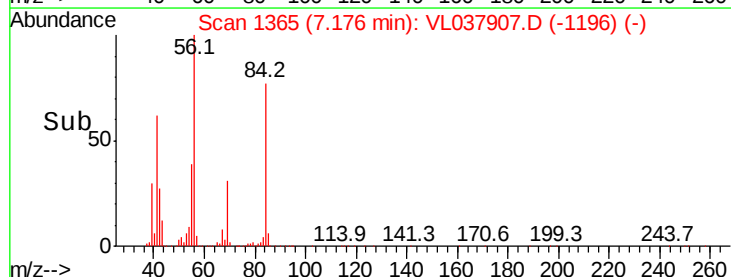
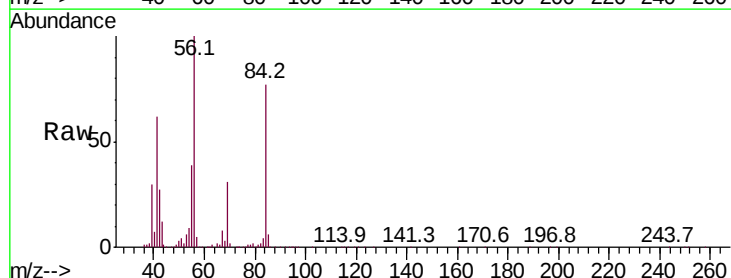
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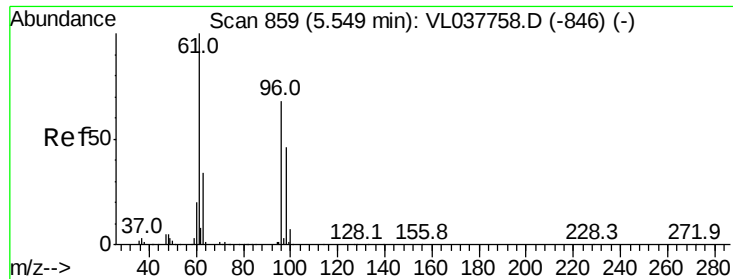
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 8.549 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 84 Resp: 1332143
Ion Ratio Lower Upper
84 100
56 138.5 113.0 169.4
41 84.2 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 8.260 ppbv

RT: 5.59

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

61 100

96 66.

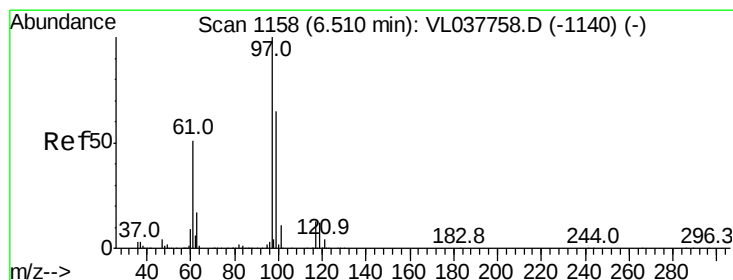
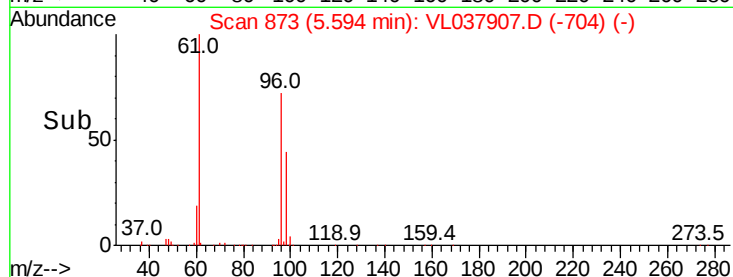
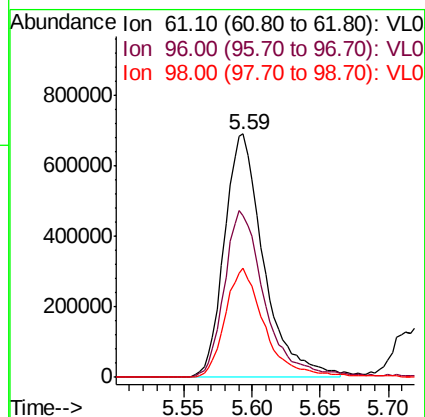
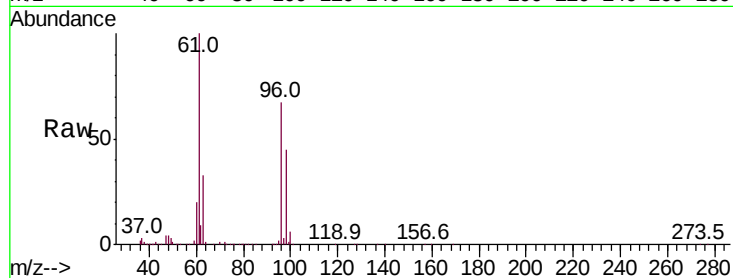
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 8.416 ppbv

RT: 6.56 min Scan# 1172

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

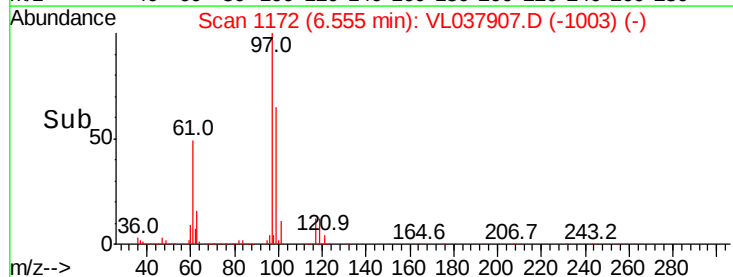
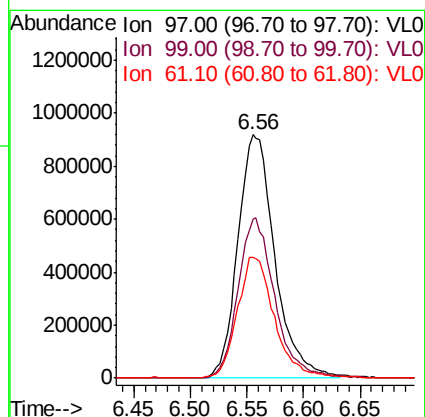
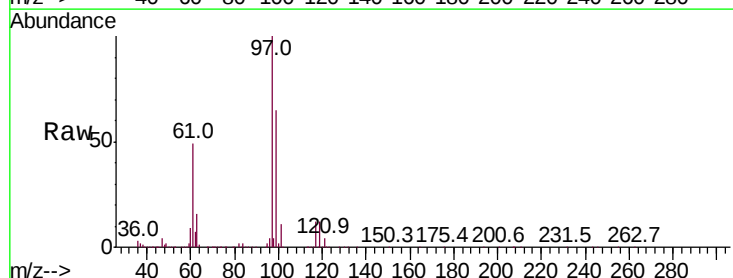
Tgt Ion: 97 Resp: 2095686

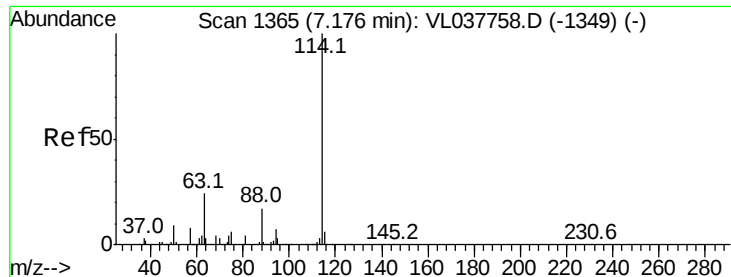
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 50.2 40.2 60.4



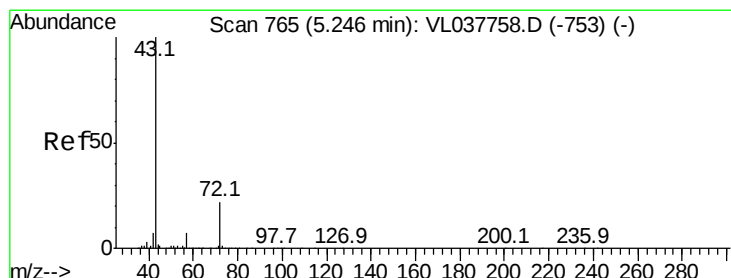
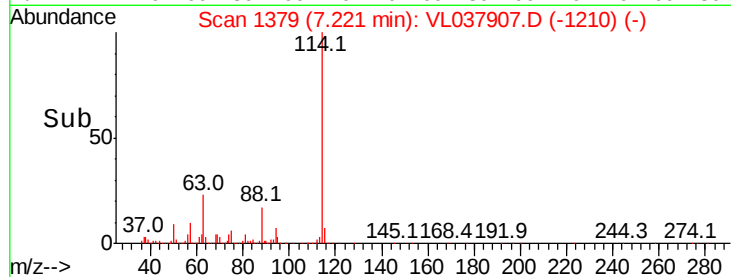
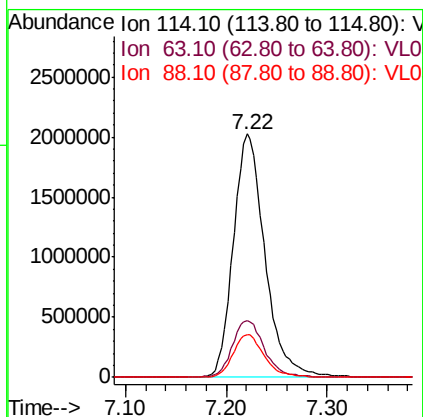
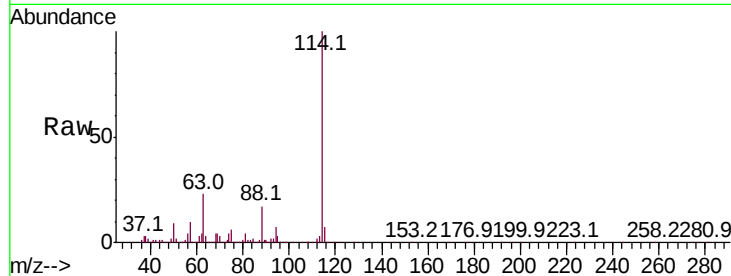


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.22
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Oct 2021 8:50

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

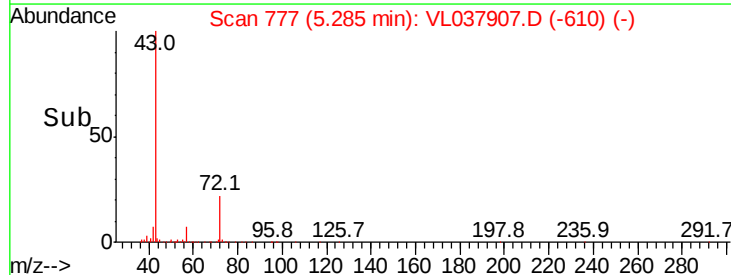
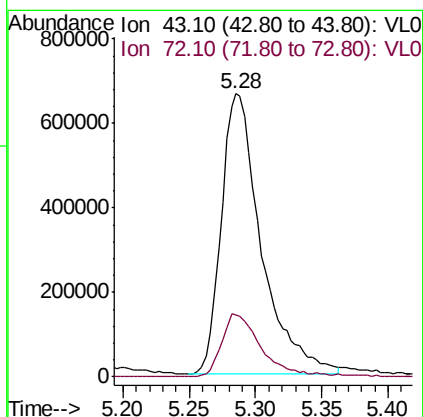
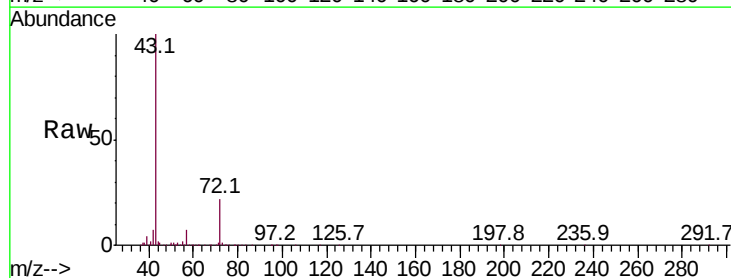
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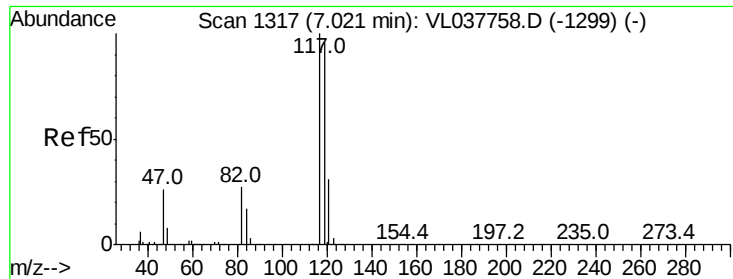
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#34
 2-Butanone
 Concen: 7.779 ppbv
 RT: 5.28 min Scan# 777
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion: 43 Resp: 1382551
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.2 27.2



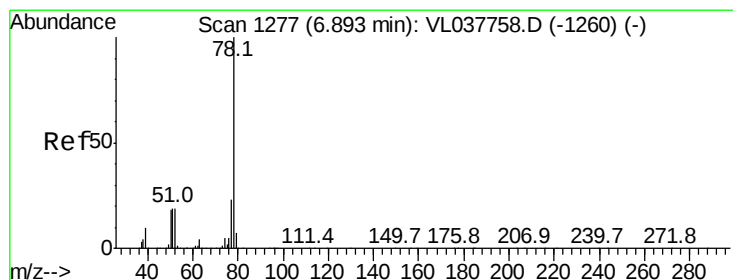
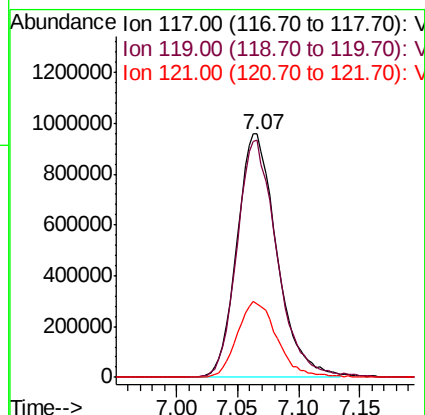
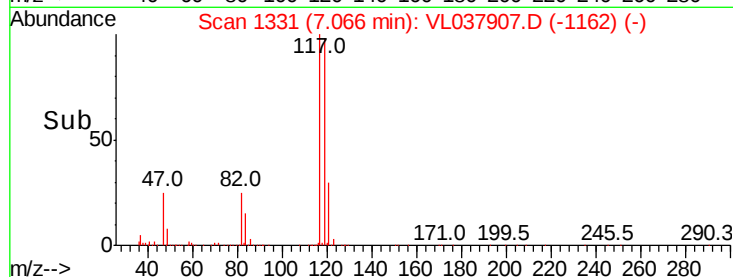
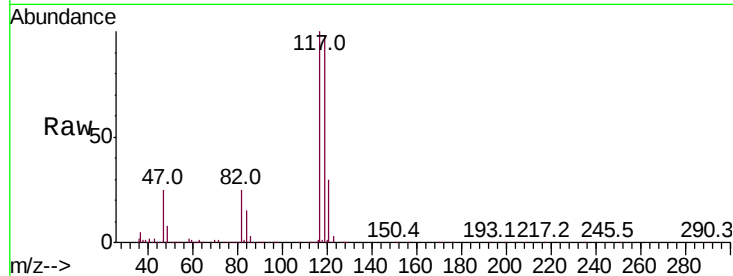


#35
Carbon Tetrachloride
Concen: 8.678 ppbv
RT: 7.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion:1
Ion Rati
117 100
119 97.
121 30.

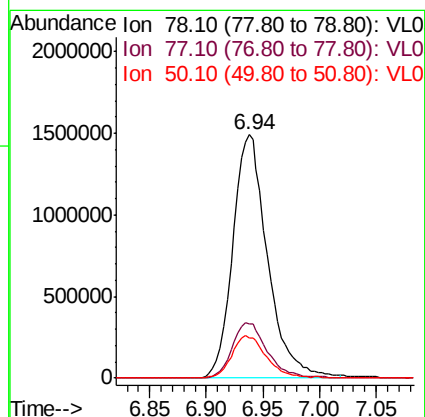
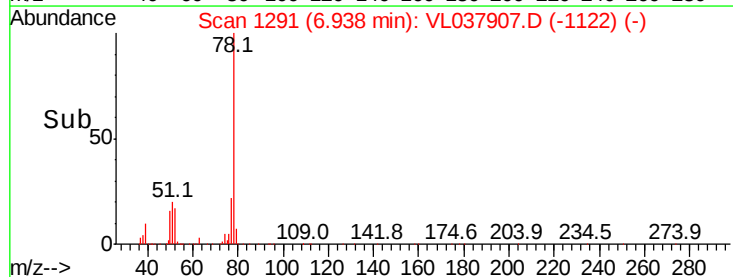
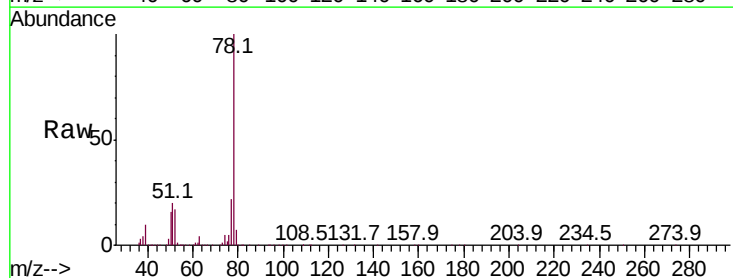
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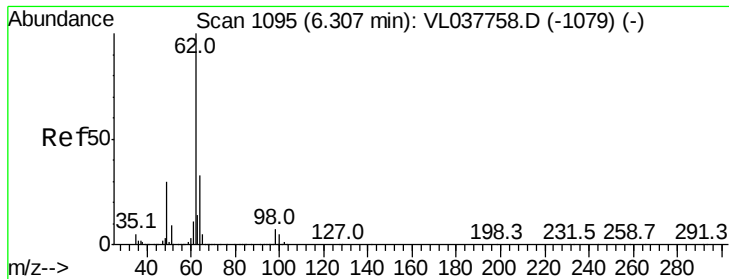
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#36
Benzene
Concen: 8.472 ppbv
RT: 6.94 min Scan# 1291
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 78 Resp: 3185730
Ion Ratio Lower Upper
78 100
77 22.2 18.8 28.2
50 16.5 14.7 22.1



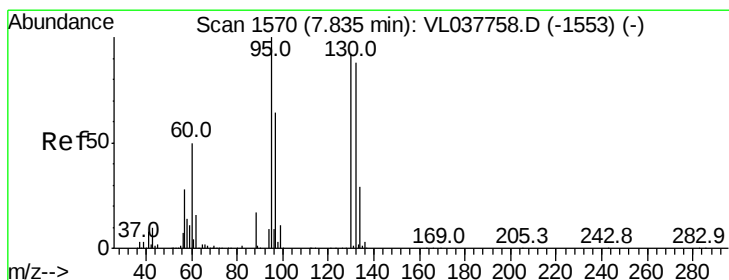
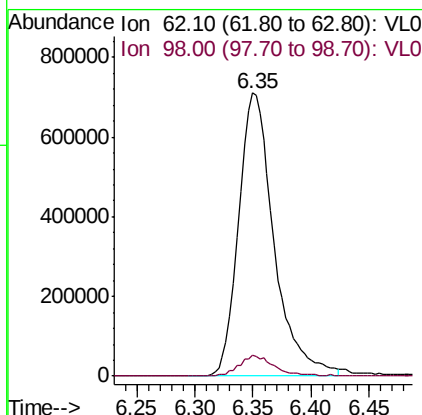
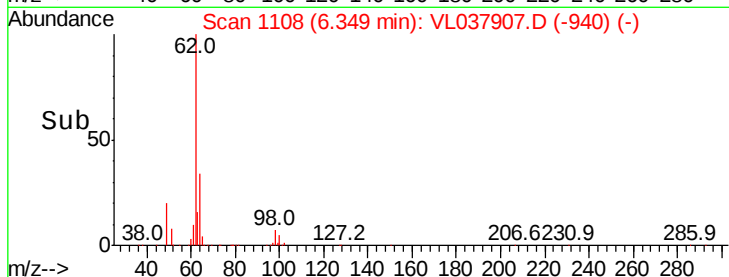
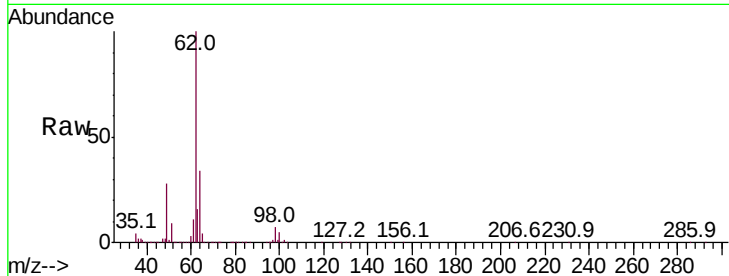


#37
 1,2-Dichloroethane
 Concen: 8.508 ppbv
 RT: 6.35
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 26 Oct 2021 8:50

Tot Ion:
 Ion Ratio
 62 100
 98 7.

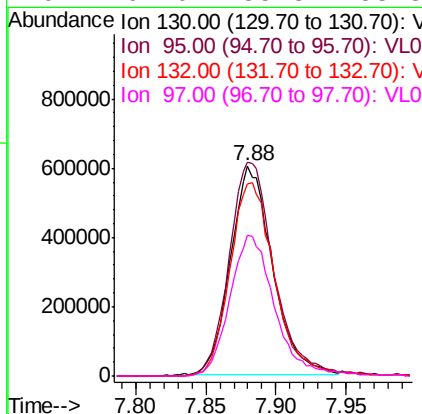
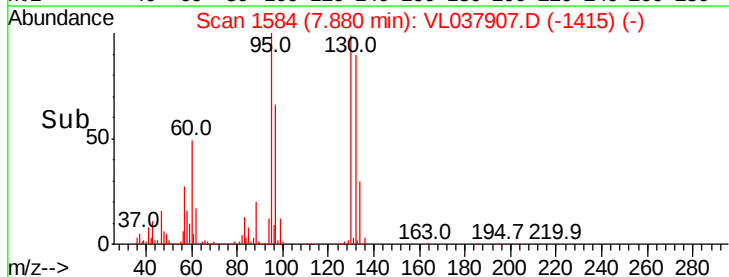
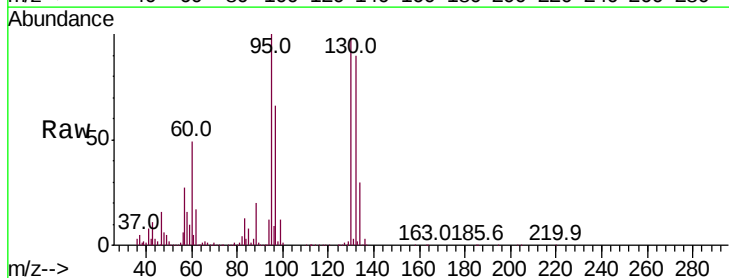
Manual Integrations
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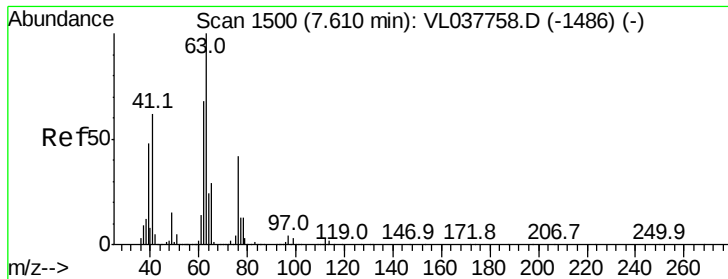
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#38
 Trichloroethene
 Concen: 8.532 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion:130 Resp: 1267490
 Ion Ratio Lower Upper
 130 100
 95 101.7 87.4 131.0
 132 91.5 76.8 115.2
 97 67.0 55.8 83.8





#39

1,2-Dichloropropane

Concen: 8.629 ppbv

RT: 7.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

63 100

41 63.

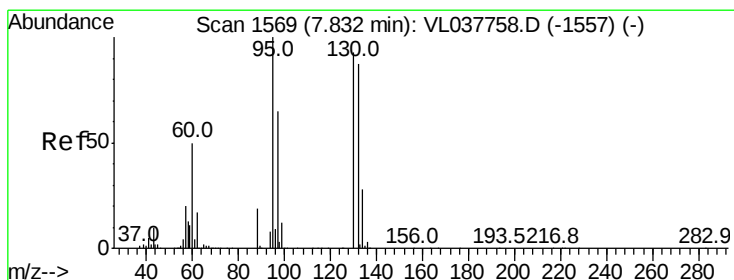
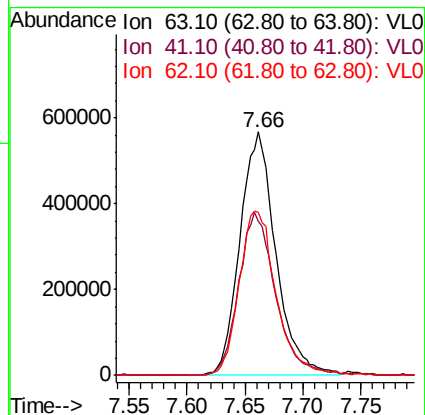
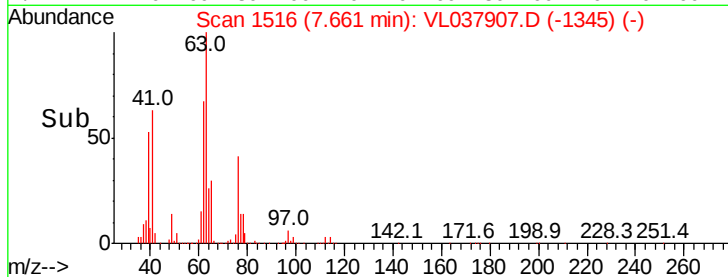
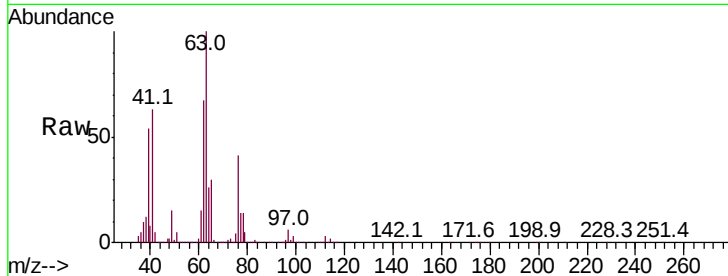
62 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#40

1,4-Dioxane

Concen: 7.926 ppbv

RT: 7.88 min Scan# 1584

Delta R.T. 0.05 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

Tgt Ion: 88 Resp: 280532

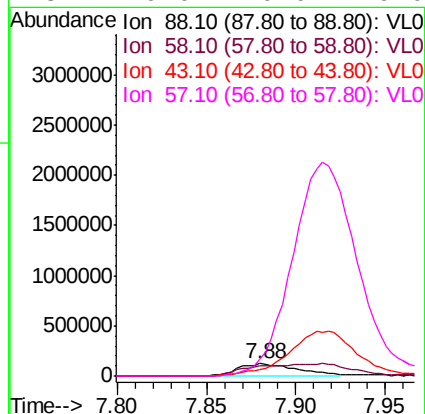
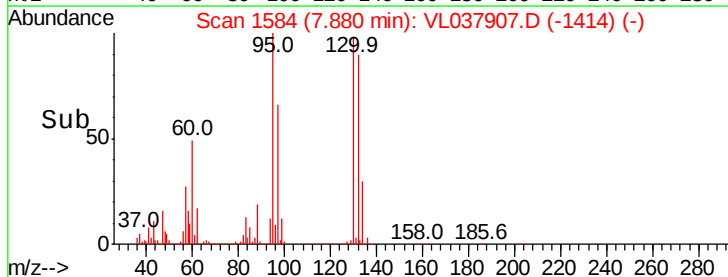
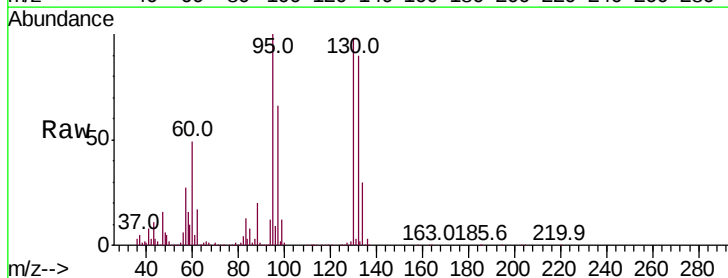
Ion Ratio Lower Upper

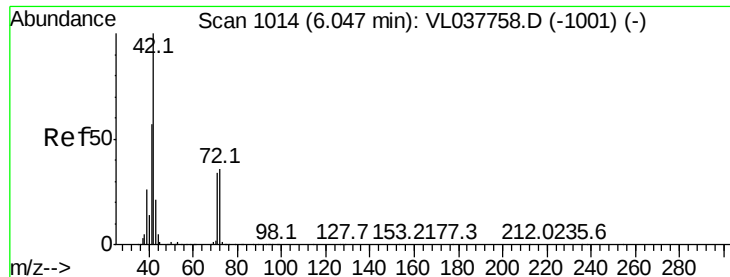
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0



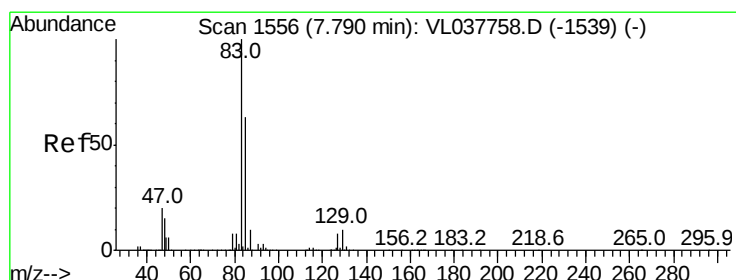
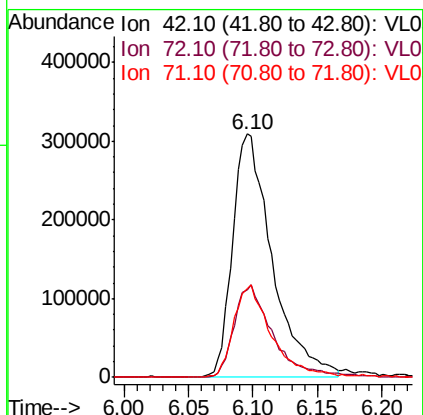
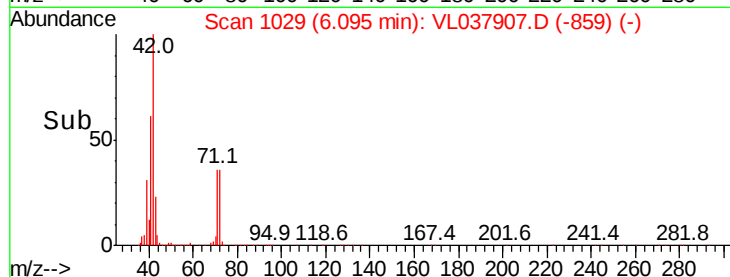
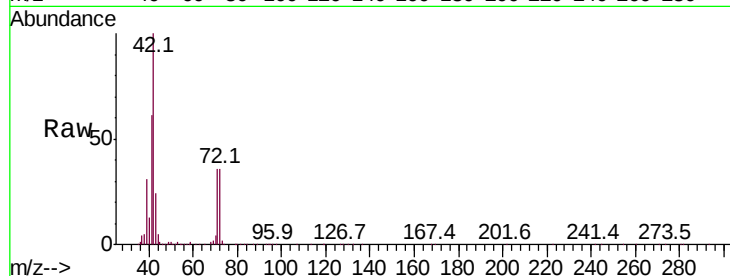


#41
Tetrahydrofuran
Concen: 7.573 ppbv
RT: 6.10
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
42 100
72 37.
71 36.

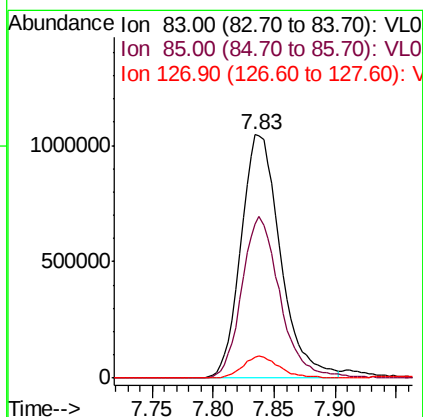
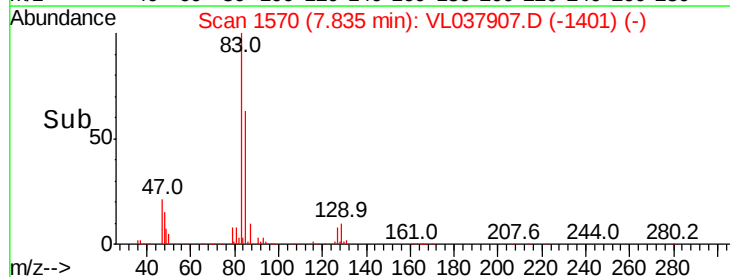
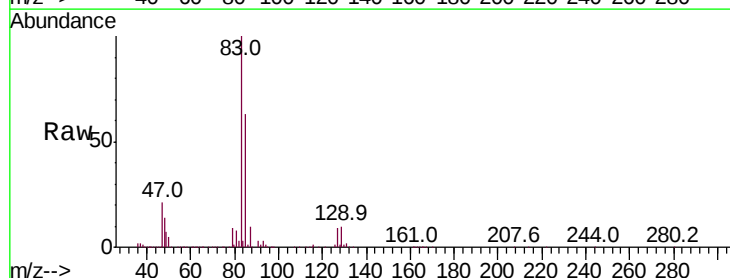
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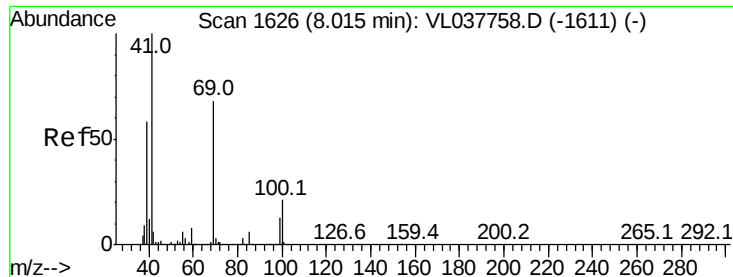
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
Bromodichloromethane
Concen: 9.002 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 83 Resp: 2341243
Ion Ratio Lower Upper
83 100
85 63.1 50.6 75.8
127 8.5 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.536 ppbv

RT: 8.06

Instrument: MSVOA_1

Delta R.T.

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

69 100

41 147.

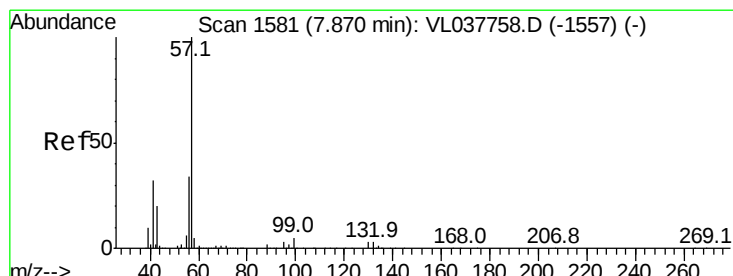
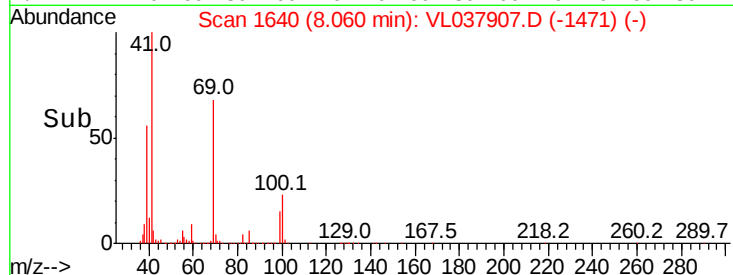
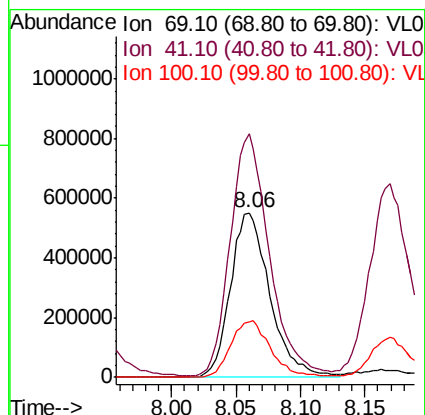
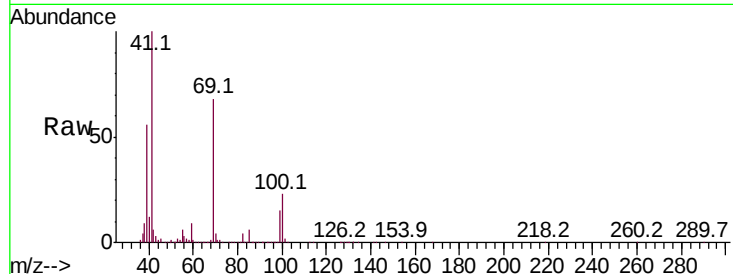
100 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#44

2,2,4-Trimethylpentane

Concen: 8.587 ppbv

RT: 7.92 min Scan# 1595

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

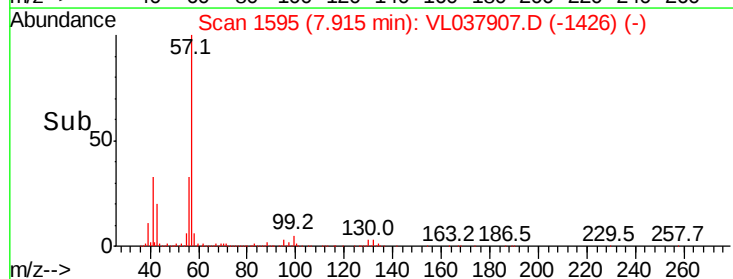
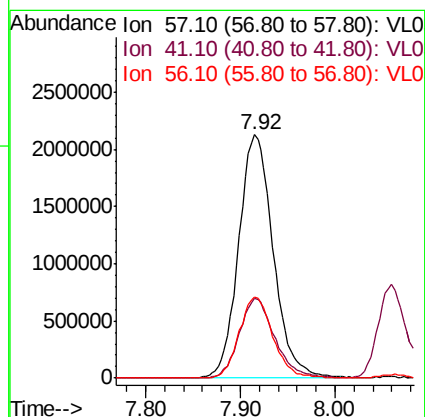
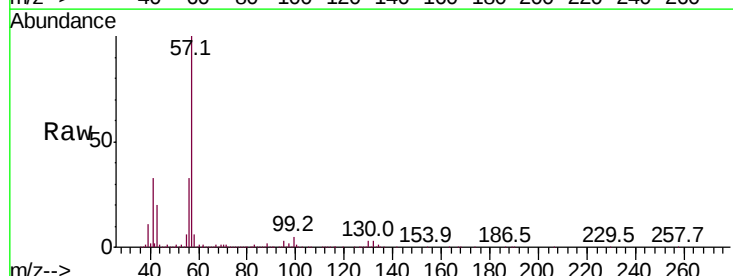
Tgt Ion: 57 Resp: 5425003

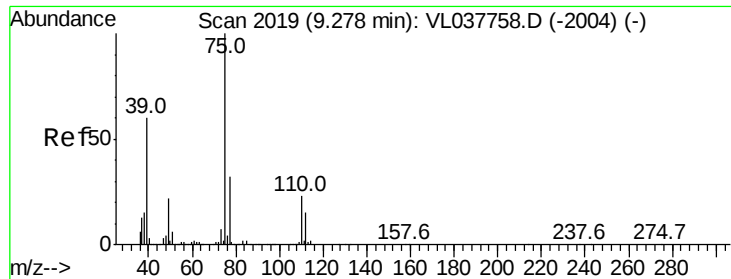
Ion Ratio Lower Upper

57 100

41 33.8 25.6 38.4

56 32.5 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 5.245 ppbv

RT: 9.33 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:50 VSTDCC010EC

Tot Ion:

Ion Ratio

75 100

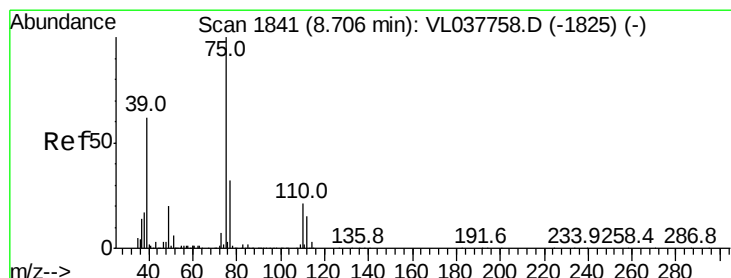
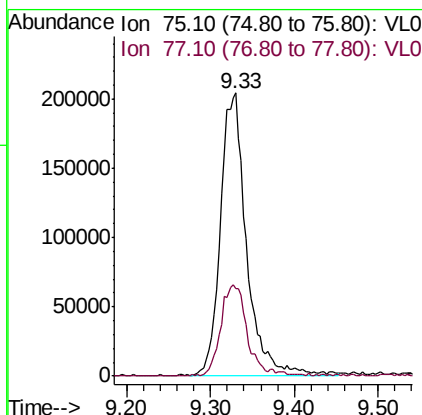
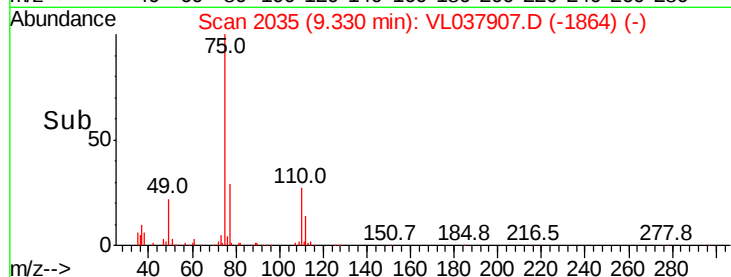
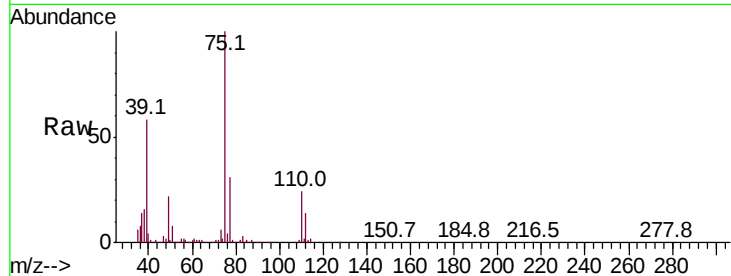
77 30.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#46

cis-1,3-Dichloropropene

Concen: 6.901 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

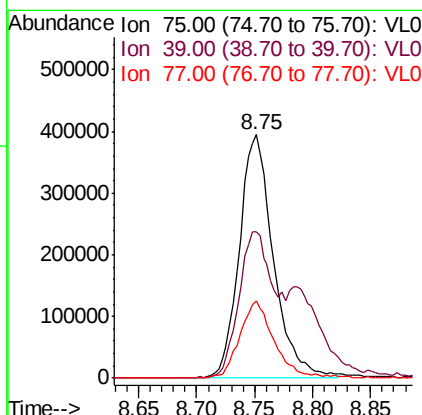
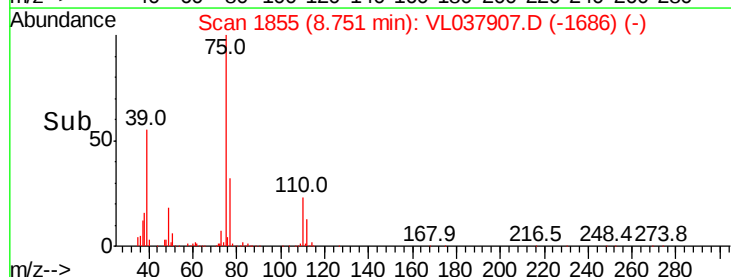
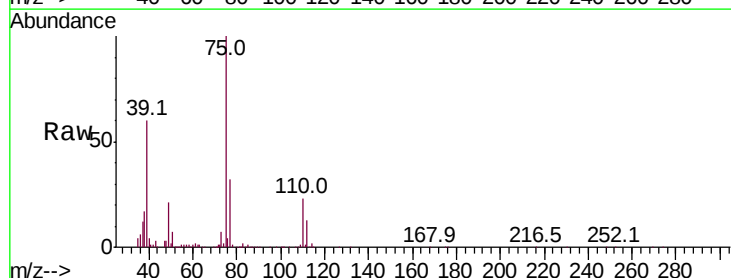
Tgt Ion: 75 Resp: 808300

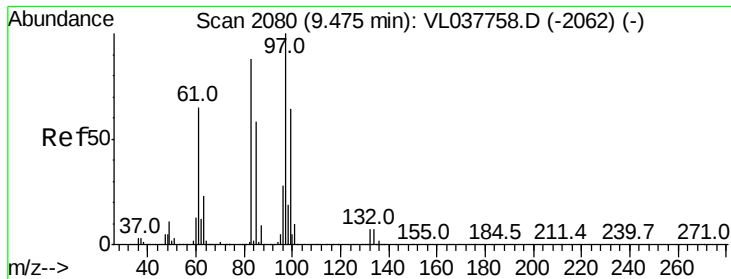
Ion Ratio Lower Upper

75 100

39 60.1 49.9 74.9

77 31.9 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 8.555 ppbv

RT: 9.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Manual Integrations

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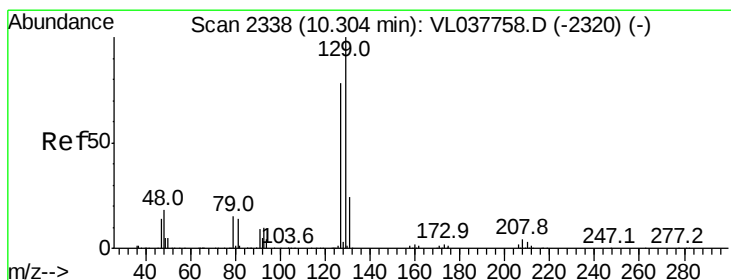
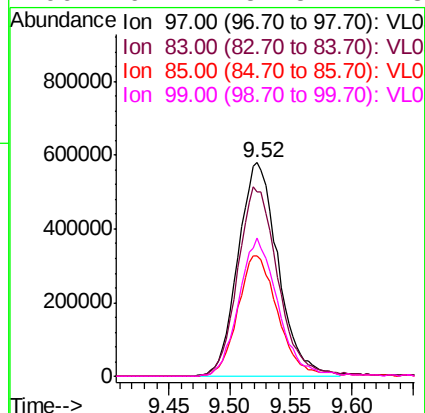
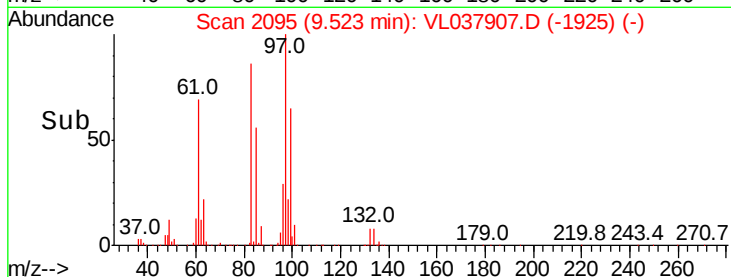
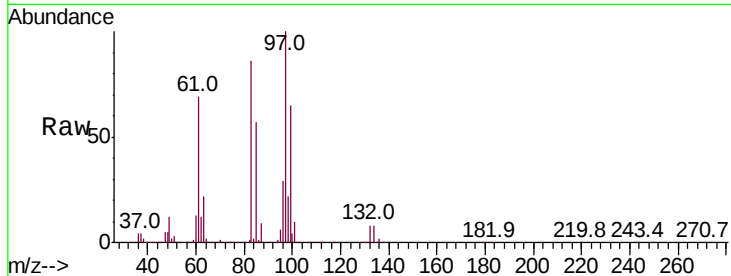
Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021

Tot Ion:

Ion	Ratio
97	100
83	86.
85	56.
99	64.7

51.5 77.3



#48

Dibromochloromethane

Concen: 9.520 ppbv

RT: 10.35 min Scan# 2353

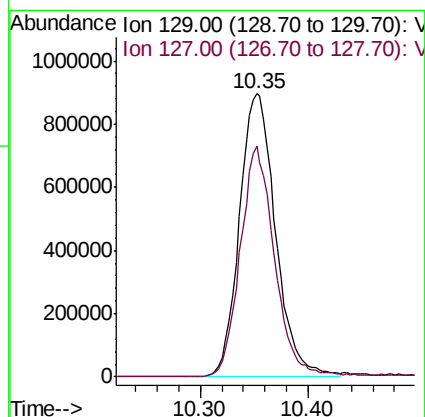
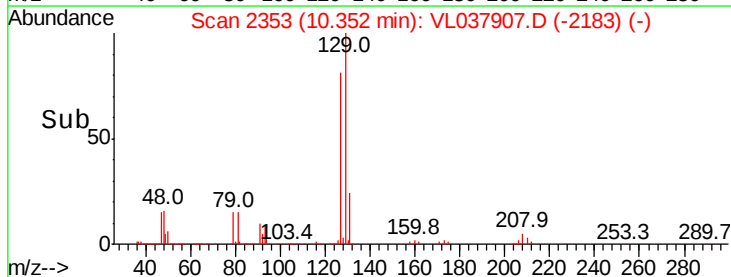
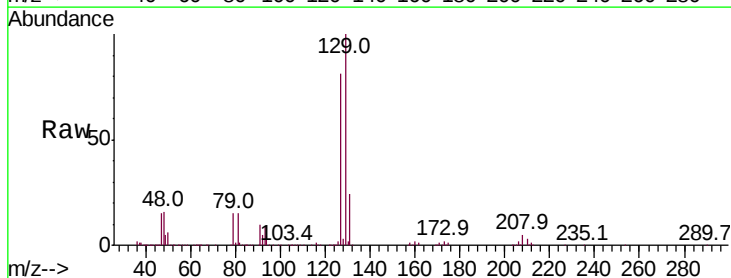
Delta R.T. 0.05 min

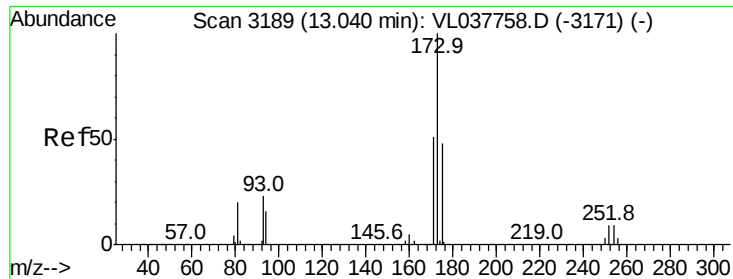
Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

Tgt Ion:129 Resp: 2086809

Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.5	118.5





#49

Bromoform

Concen: 10.389 ppbv

RT: 13.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Oct 2021 8:50

Tot Ion:1

Ion Ratio

173 100

175 51.

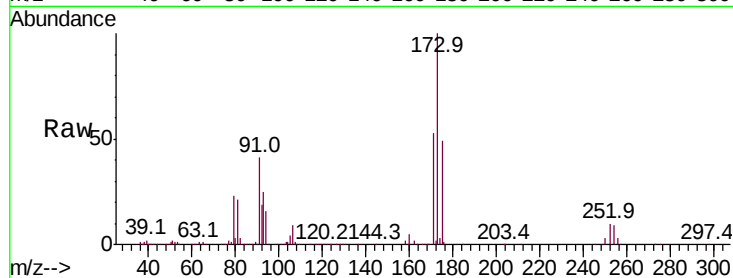
171 54.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

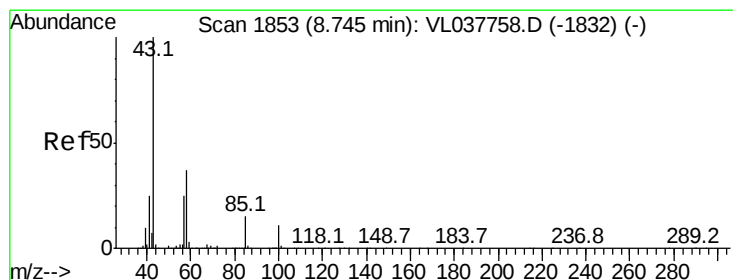
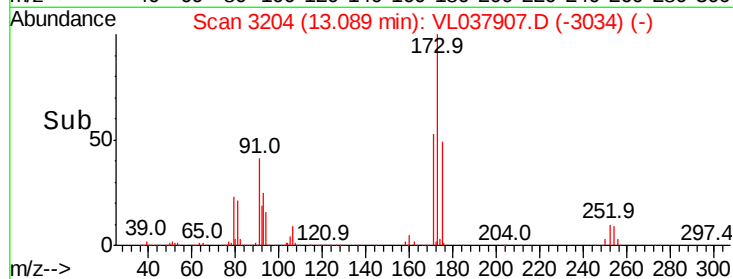
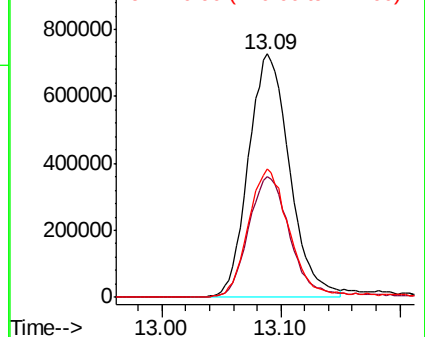
Supervised By :Mahesh Dadoda 10/27/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 9.428 ppbv

RT: 8.79 min Scan# 1866

Delta R.T. 0.04 min

Lab File: VL037907.D

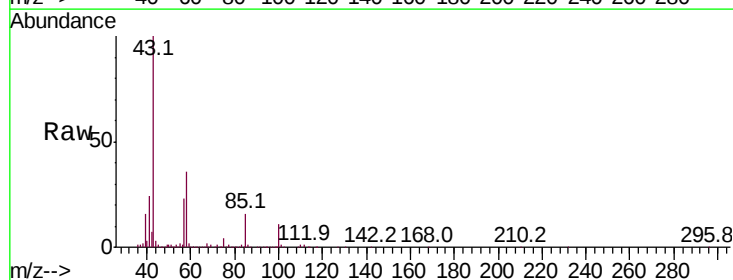
Acq: 26 Oct 2021 8:50

Tgt Ion: 43 Resp: 2181330

Ion Ratio Lower Upper

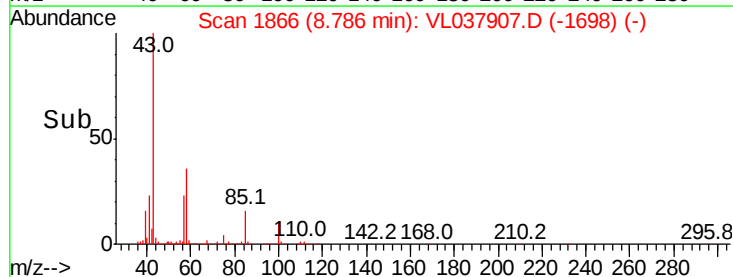
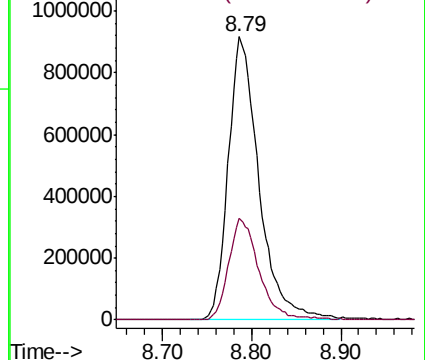
43 100

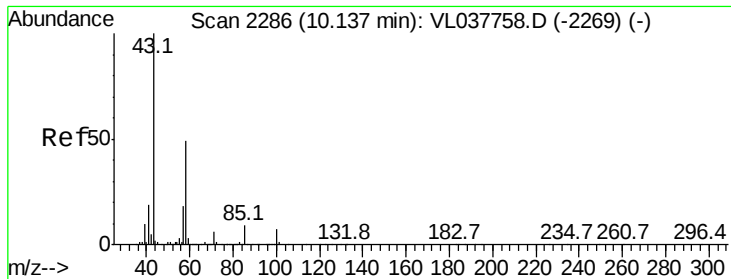
58 35.9 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



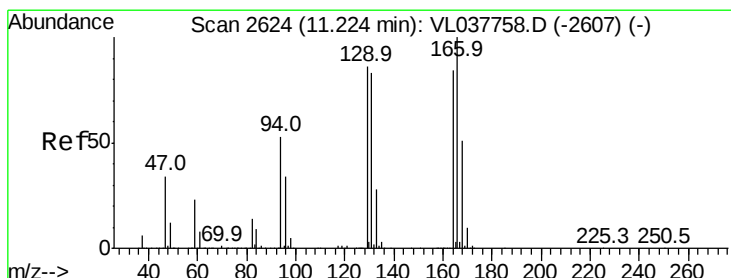
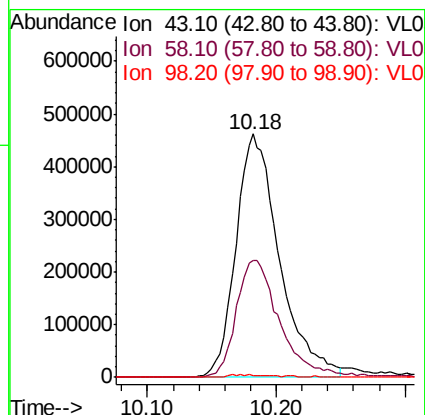
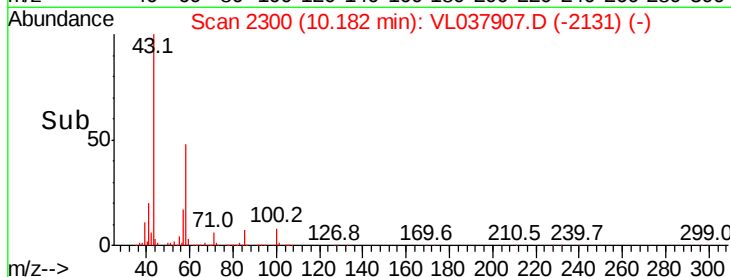
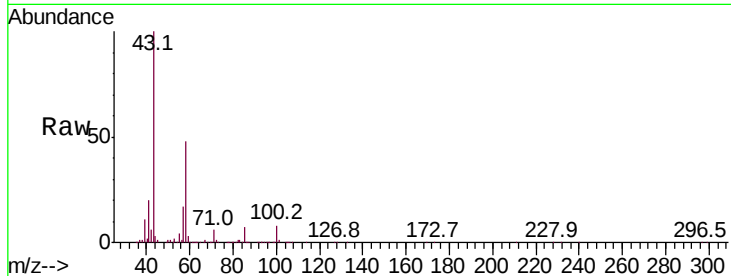


#51
2-Hexanone
Concen: 10.453 ppbv
RT: 10.18 min
Delta R.T.: 0.04 min
Lab File: VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion:
Ion Ratio
43 100
58 49.1
98 1.1

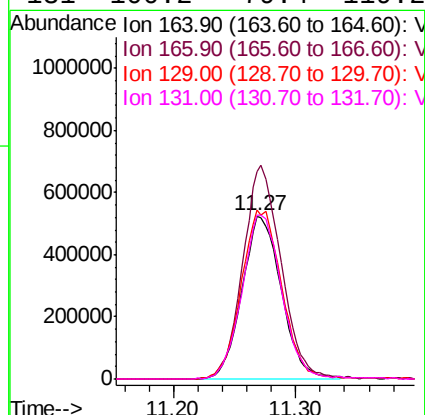
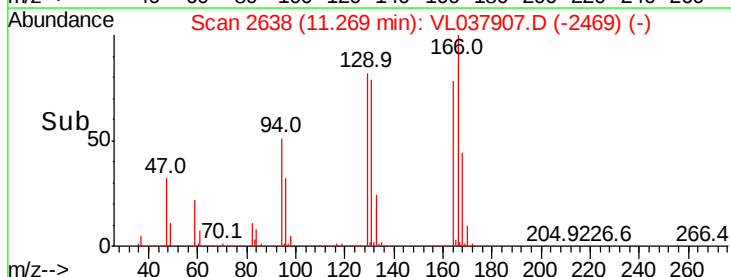
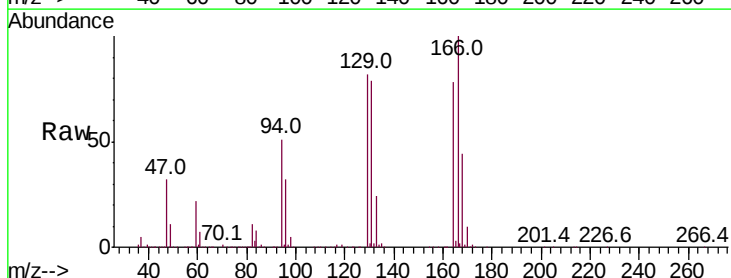
Manual Integrations
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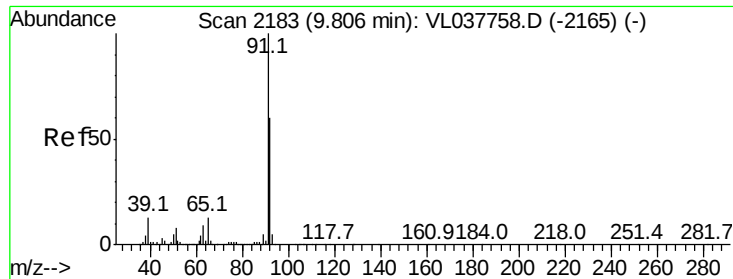
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#52
Tetrachloroethene
Concen: 7.953 ppbv
RT: 11.27 min Scan# 2638
Delta R.T.: 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion:164 Resp: 1163502
Ion Ratio Lower Upper
164 100
166 127.4 95.4 143.2
129 103.8 82.2 123.4
131 100.2 79.4 119.2





#53

Toluene

Concen: 8.869 ppbv

RT: 9.85 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 26 Oct 2021 8:50

Tot Ion:

Ion Ratio

91 100

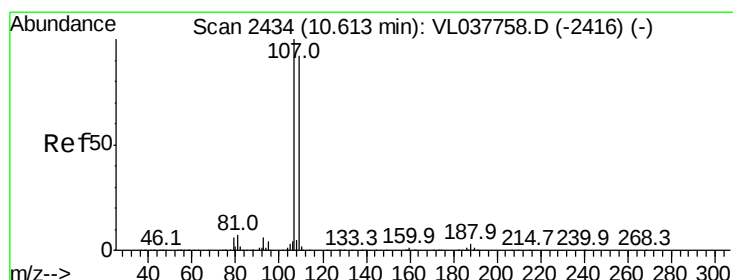
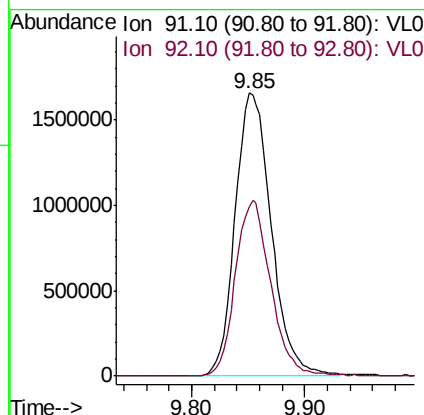
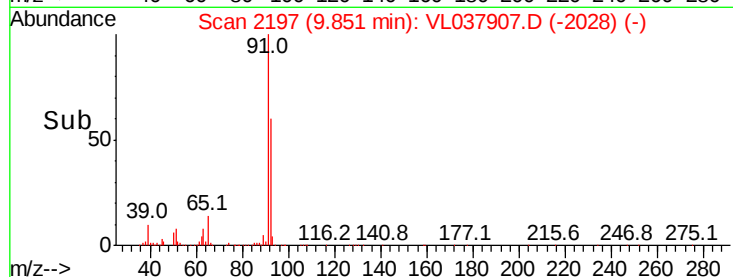
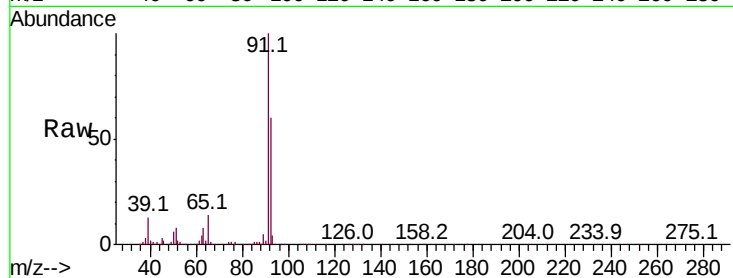
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#54

1,2-Dibromoethane

Concen: 8.271 ppbv

RT: 10.66 min Scan# 2448

Delta R.T. 0.04 min

Lab File: VL037907.D

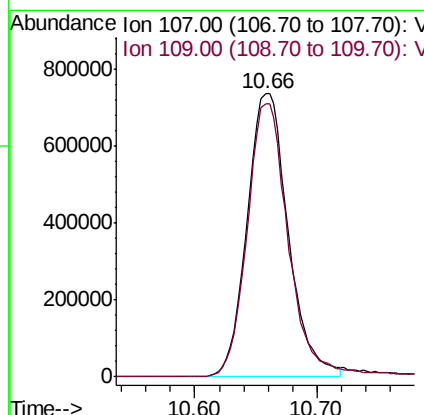
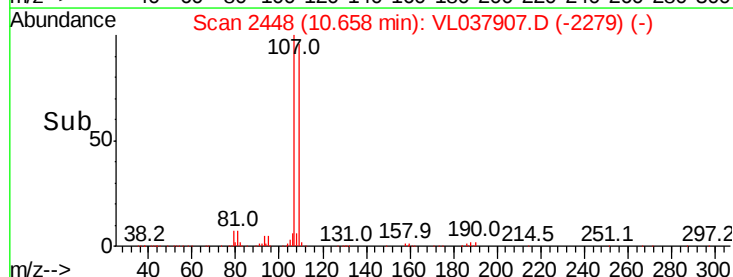
Acq: 26 Oct 2021 8:50

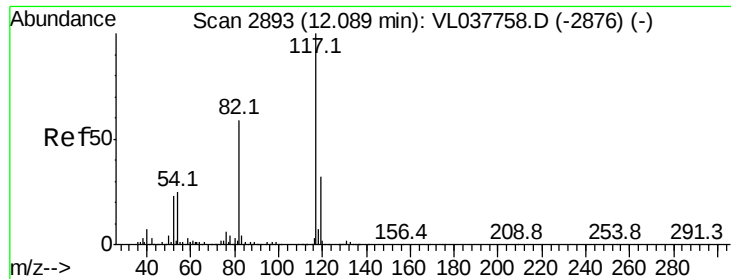
Tgt Ion:107 Resp: 1717753

Ion Ratio Lower Upper

107 100

109 96.4 73.8 110.6



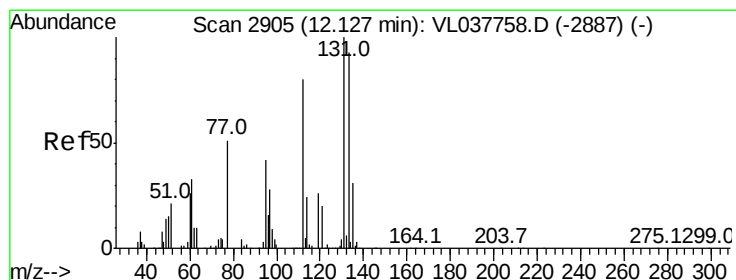
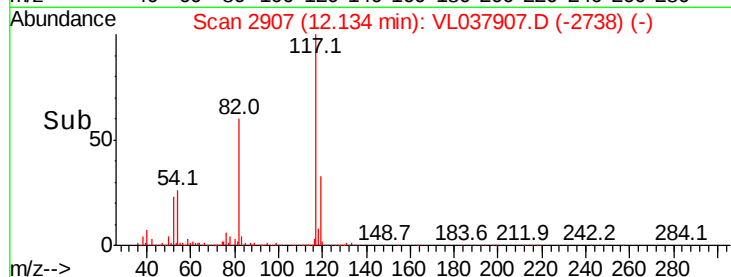
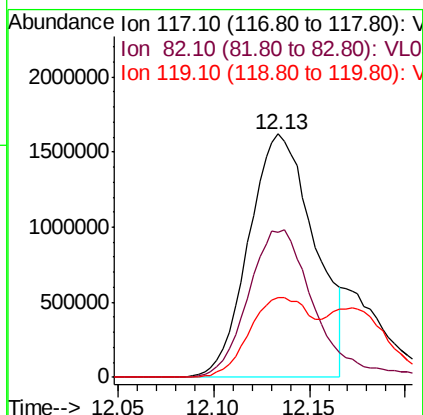
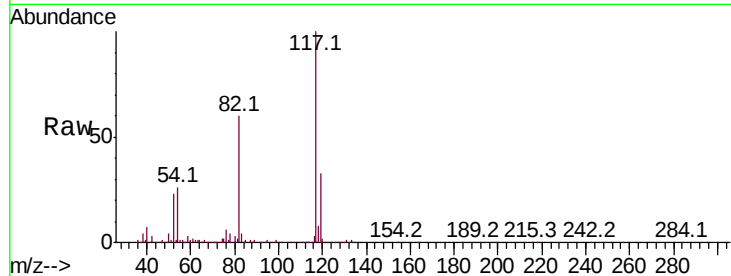


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.13
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50
VSTDCCC010EC

Tot Ion:1
Ion Rati
117 100
82 63.
119 29.

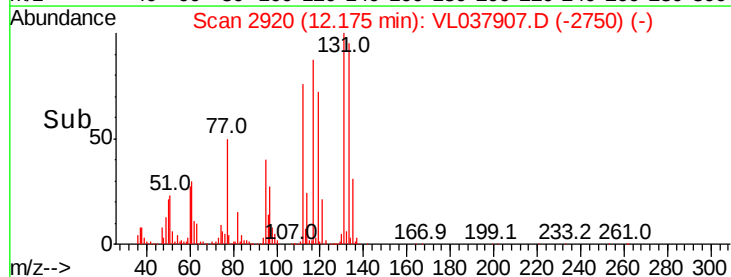
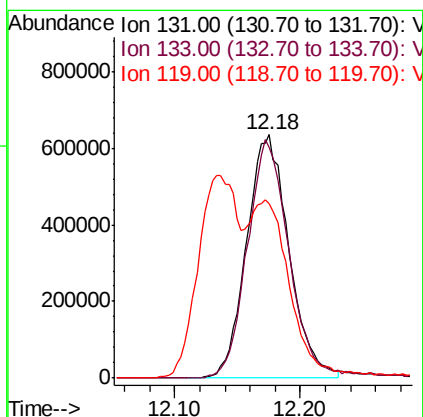
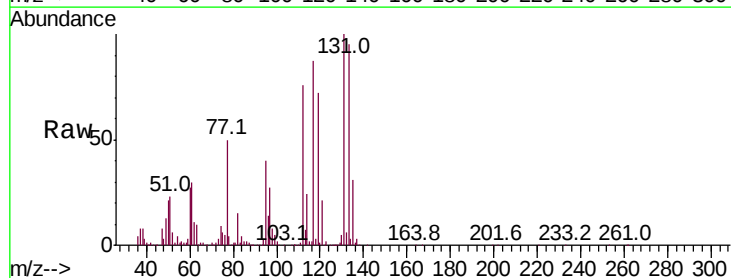
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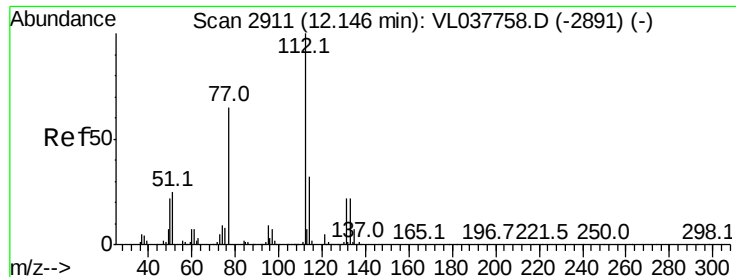
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.262 ppbv
RT: 12.18 min Scan# 2920
Delta R.T. 0.05 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion:131 Resp: 1485300
Ion Ratio Lower Upper
131 100
133 99.6 78.5 117.7
119 75.9 51.7 77.5



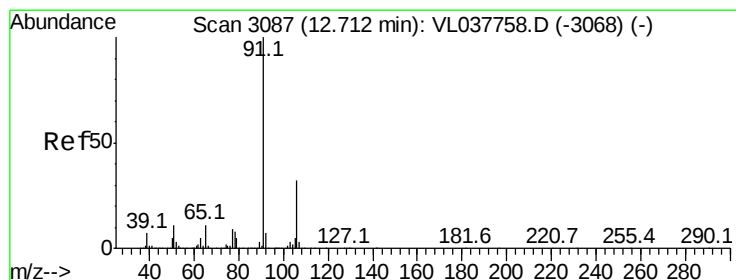
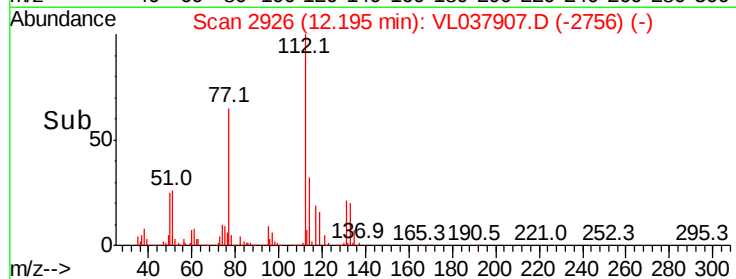
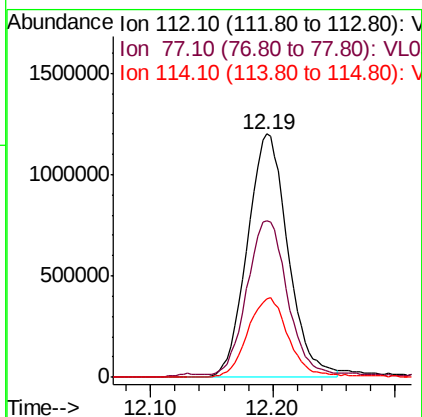
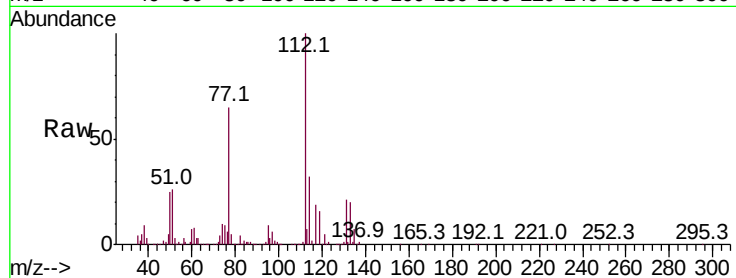


#57
Chlorobenzene
Concen: 8.692 ppbv
RT: 12.19 min
Instrument: MSVOA_1
Delta R.T.: 0.05 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 32.

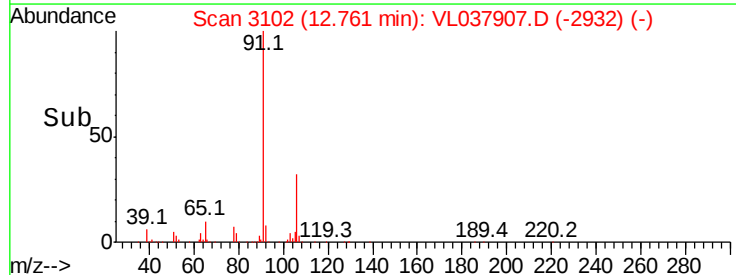
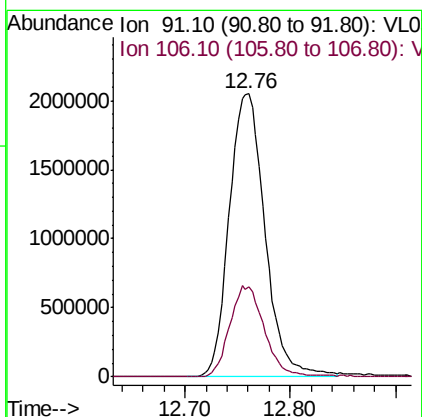
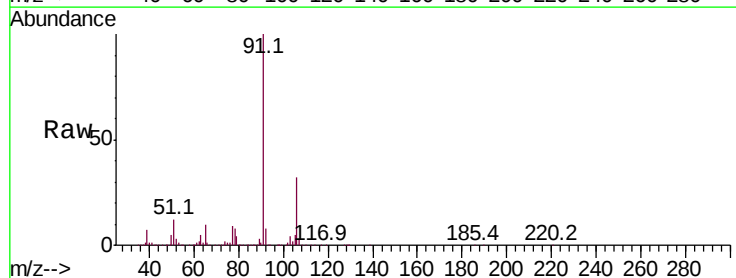
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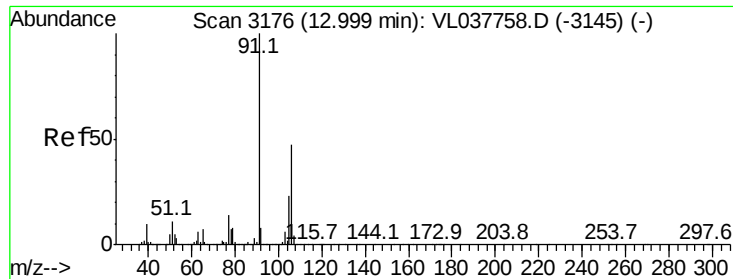
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#58
Ethyl Benzene
Concen: 9.263 ppbv
RT: 12.76 min Scan# 3102
Delta R.T.: 0.05 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 91 Resp: 4818499
Ion Ratio Lower Upper
91 100
106 31.9 25.3 37.9



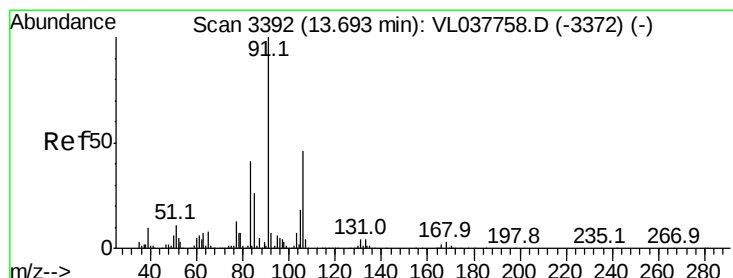
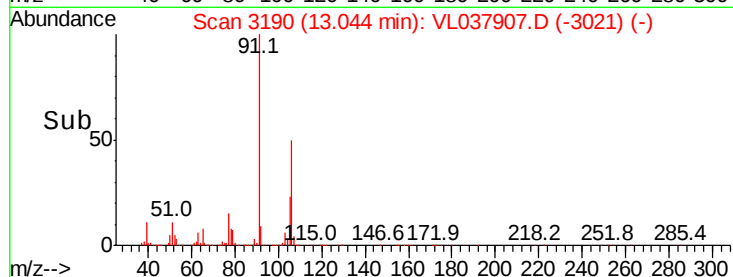
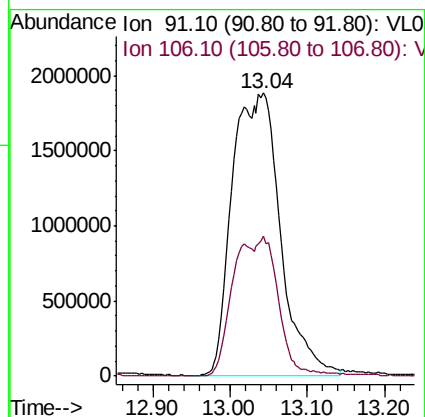
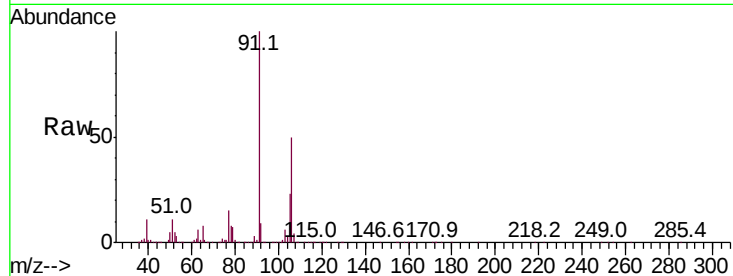


#59
m/p-Xylene
Concen: 18.301 ppbv m
RT: 13.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50 VSTDCCC010EC

Tot Ion:
Ion Ratio
91 100
106 46.

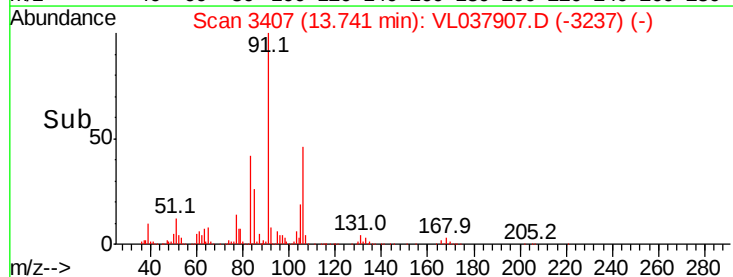
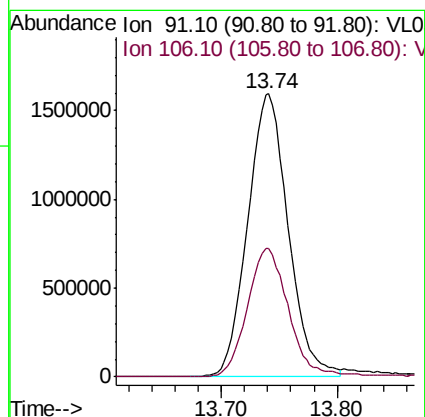
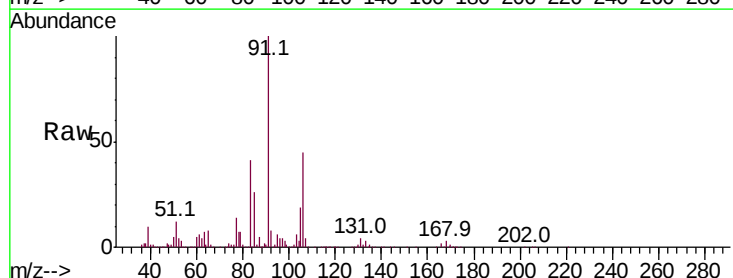
Manual Integrations
APPROVED

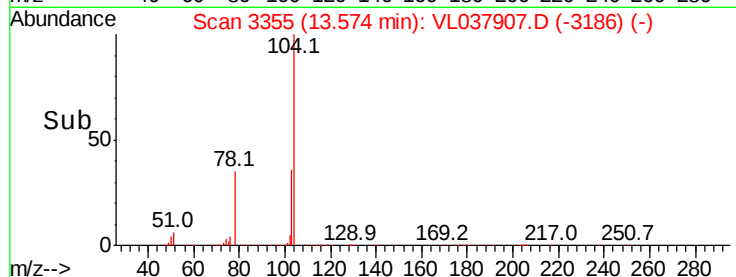
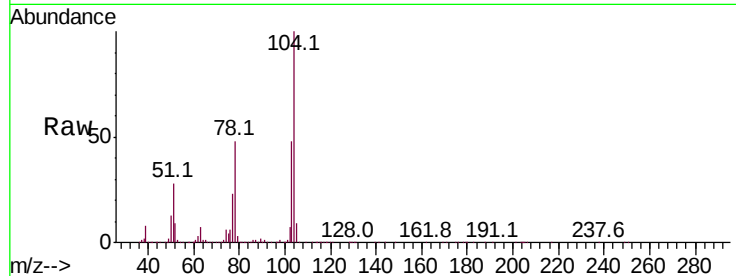
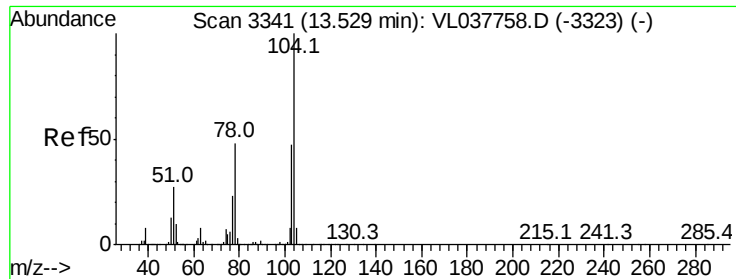
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#60
o-Xylene
Concen: 9.048 ppbv
RT: 13.74 min Scan# 3407
Delta R.T. 0.05 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 91 Resp: 3871887
Ion Ratio Lower Upper
91 100
106 47.2 23.5 70.5



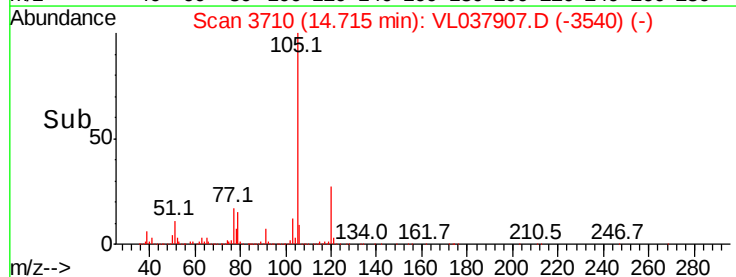
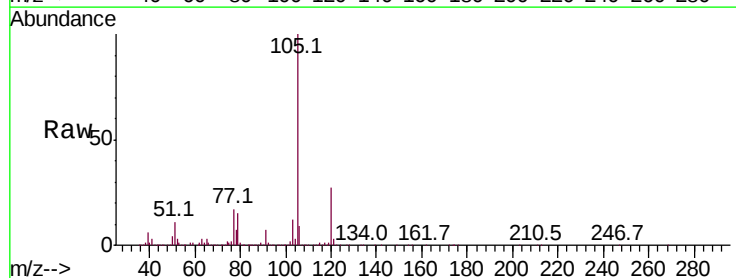
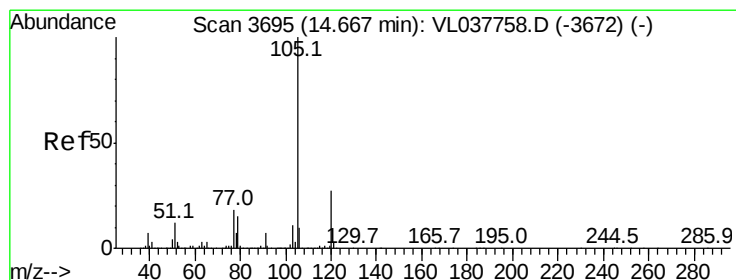
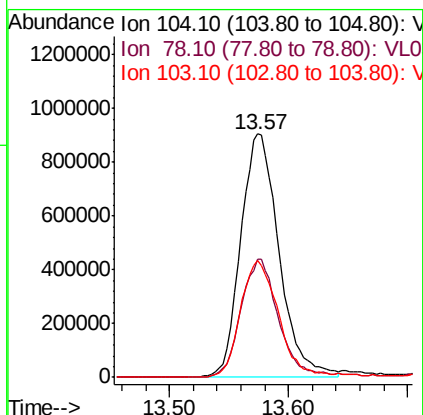


#61
Stvrene
Concen: 9.757 ppbv
RT: 13.57
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Oct 2021 8:50 VSTDCC010EC

Tot Ion:1
Ion Rati
104 100
78 48.
103 48.

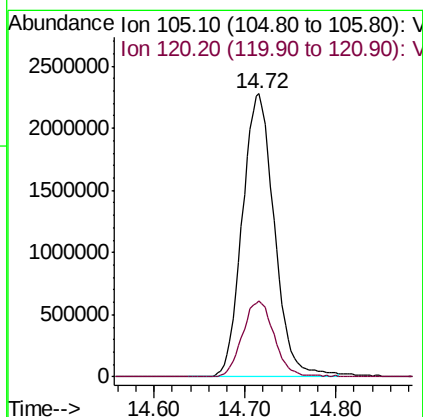
Manual Integrations
APPROVED

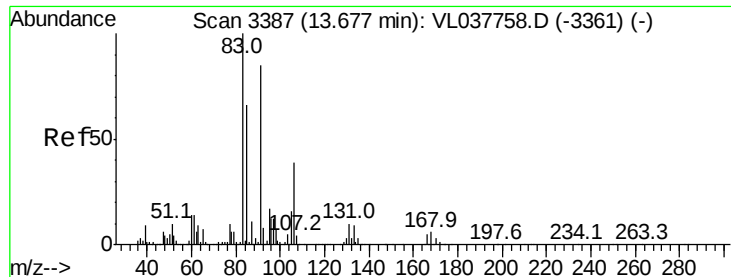
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#62
Isopropylbenzene
Concen: 9.349 ppbv
RT: 14.72 min Scan# 3710
Delta R.T. 0.05 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion:105 Resp: 5580187
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9



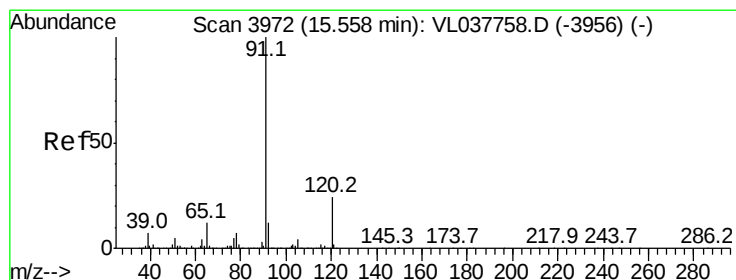
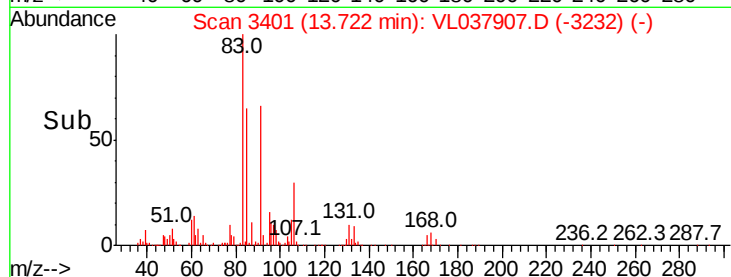
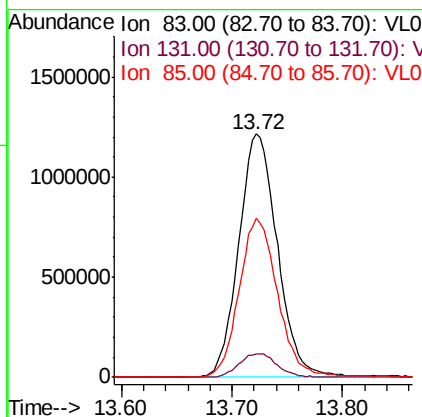
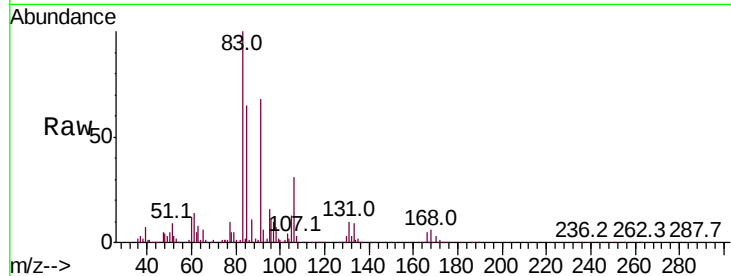


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.896 ppbv
 RT: 13.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 26 Oct 2021 8:50

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

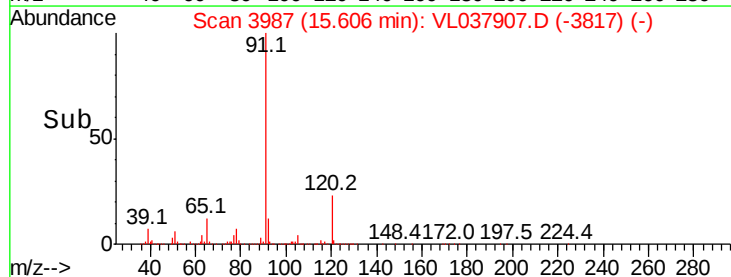
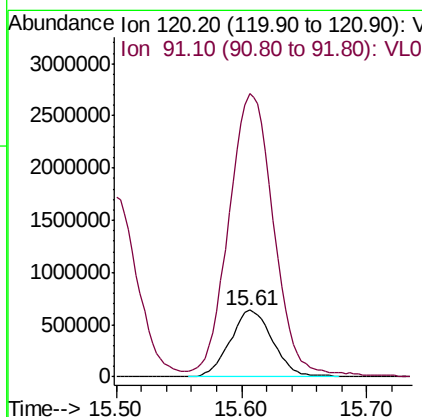
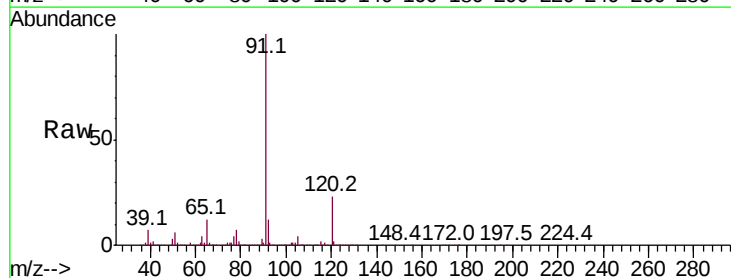
Manual Integrations
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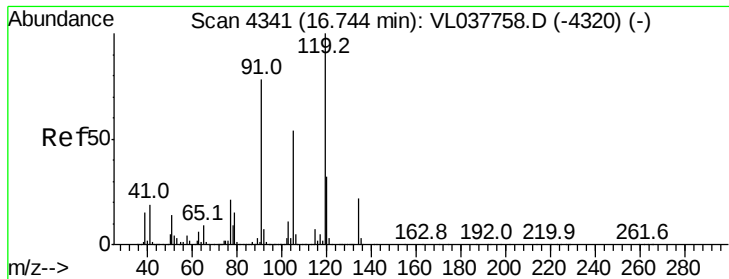
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#64
 n-propylbenzene
 Concen: 9.977 ppbv
 RT: 15.61 min Scan# 3987
 Delta R.T. 0.05 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion:120 Resp: 1484977
 Ion Ratio Lower Upper
 120 100
 91 456.3 375.0 562.6



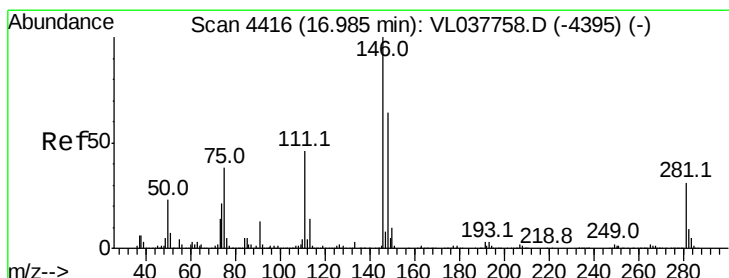
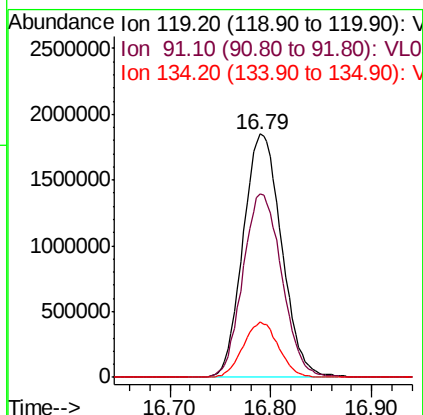
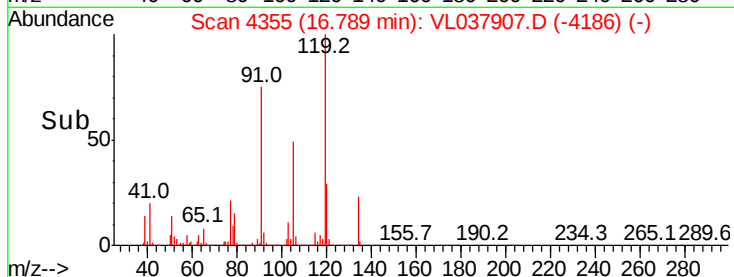
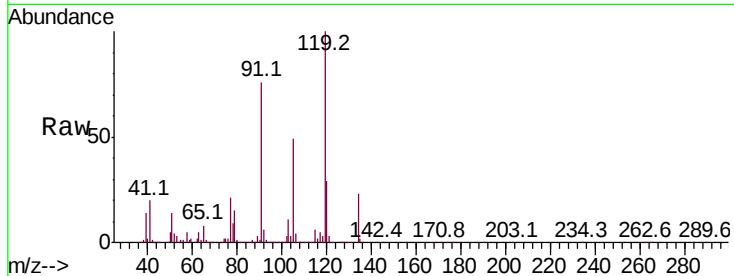


#65
tert-Butylbenzene
Concen: 9.302 ppbv
RT: 16.79 min
Delta R.T. 0.05 min
Lab File: VSTDCCC010EC
Acq: 26 Oct 2021 8:50

Tot Ion: 1
Ion Ratio
119 100
91 76.
134 21.

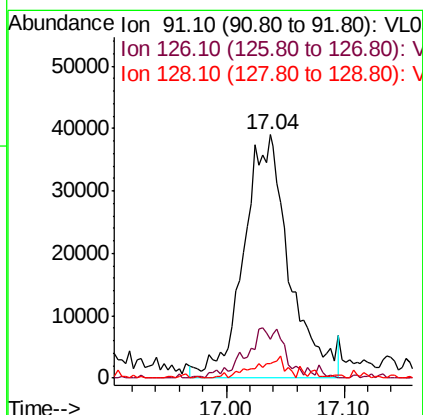
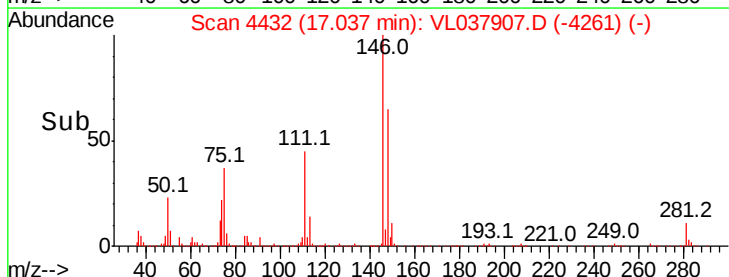
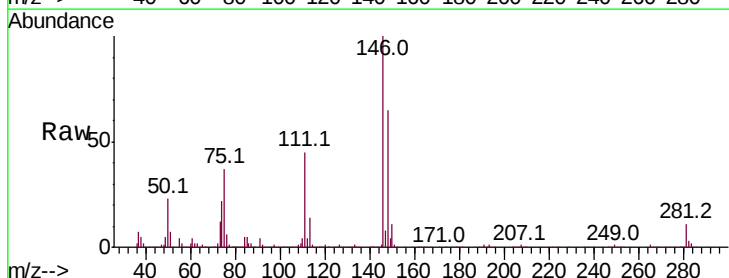
Manual Integrations
APPROVED

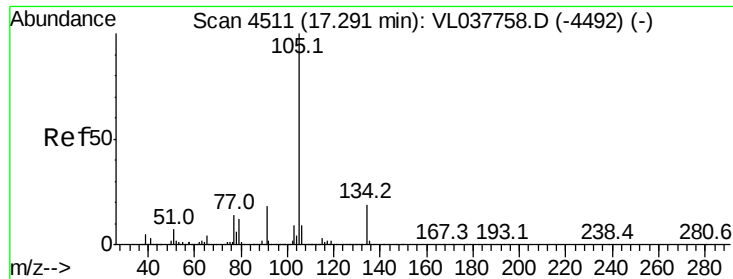
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#66
Benzyl Chloride
Concen: 4.072 ppbv m
RT: 17.04 min Scan# 4432
Delta R.T. 0.05 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion: 91 Resp: 105558
Ion Ratio Lower Upper
91 100
126 1.7 0.0 0.0#
128 7.8 5.3 7.9





#67

sec-Butylbenzene

Concen: 9.595 ppbv

RT: 17.34

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:50

Tot Ion:1

Ion Ratio

105 100

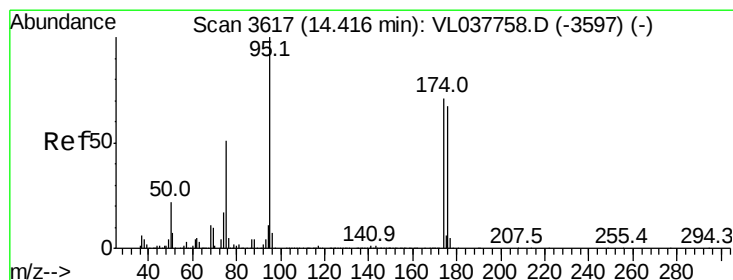
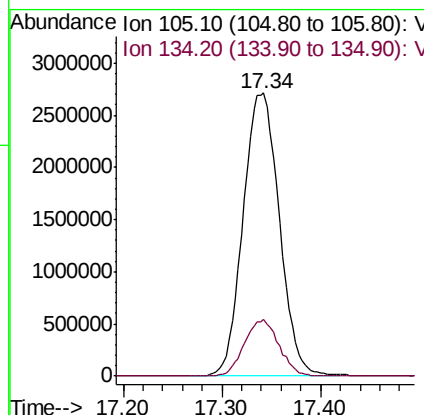
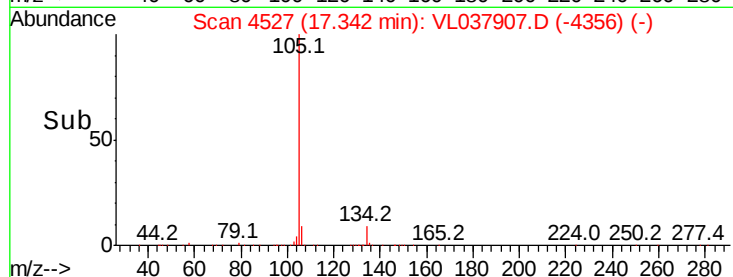
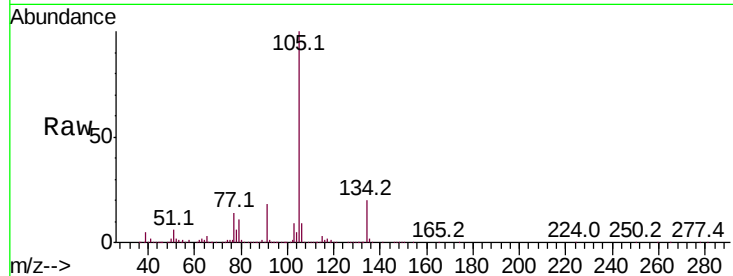
134 19.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.402 ppbv

RT: 14.46 min Scan# 3631

Delta R.T. 0.04 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

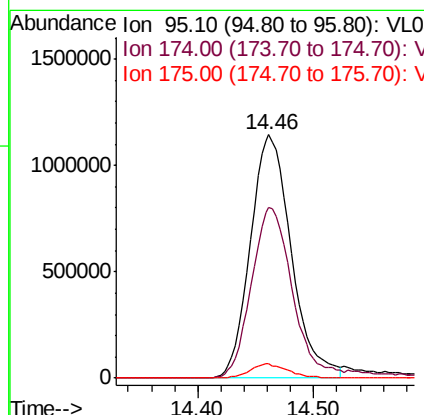
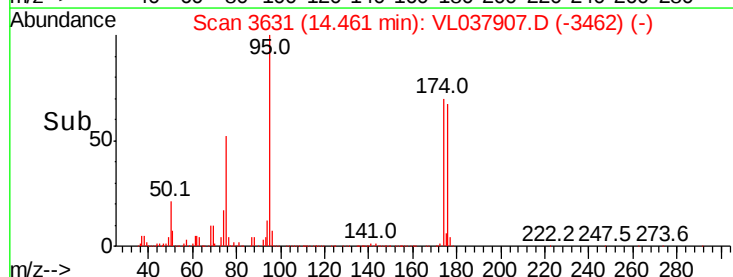
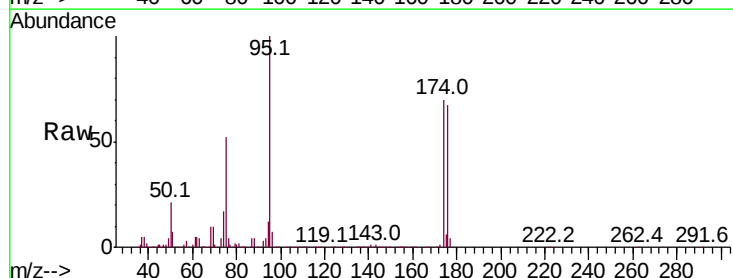
Tgt Ion: 95 Resp: 2817989

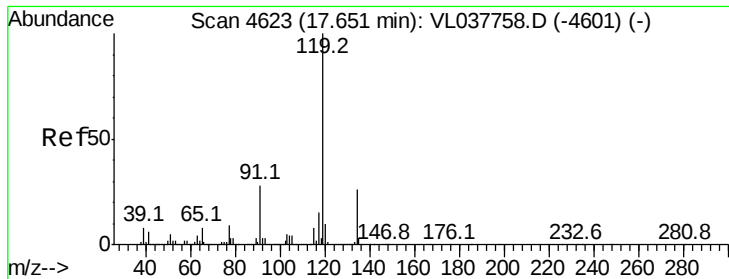
Ion Ratio Lower Upper

95 100

174 73.9 57.8 86.6

175 5.7 4.7 7.1



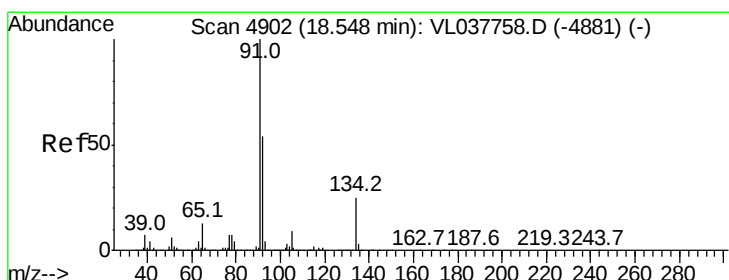
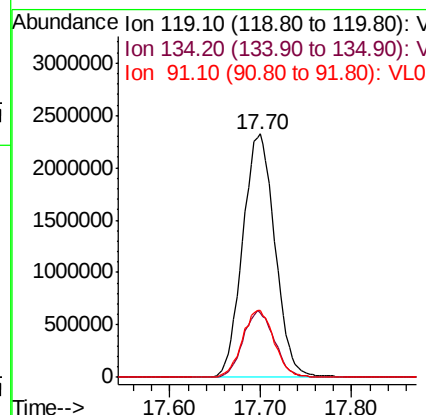
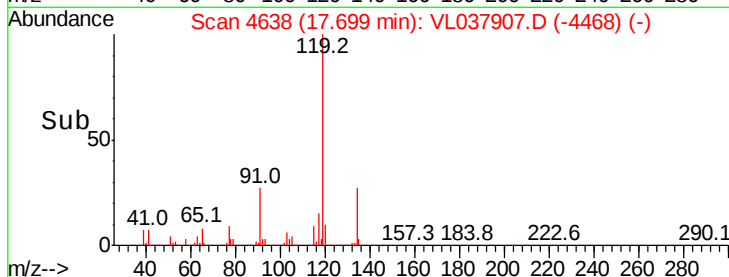
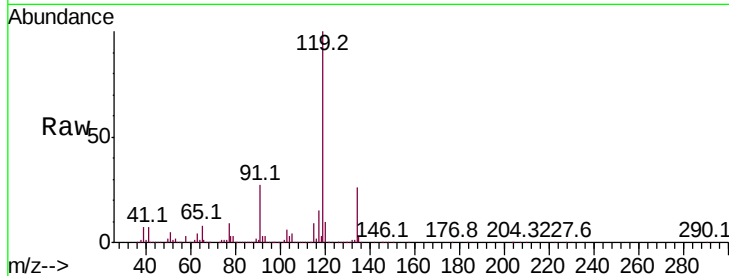


#69
 p-Isopropyltoluene
 Concen: 9.843 ppbv
 RT: 17.70 min
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Manual Integrations
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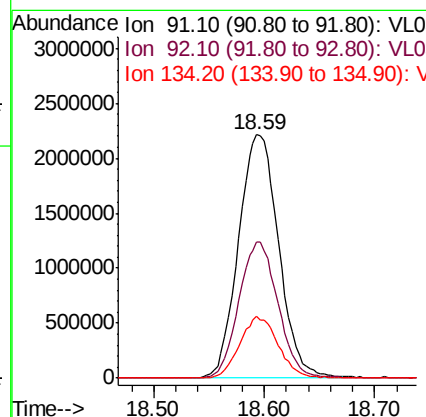
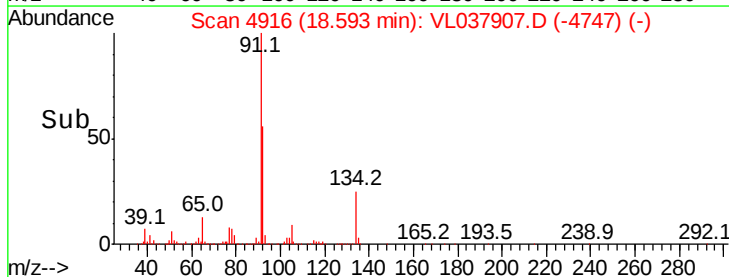
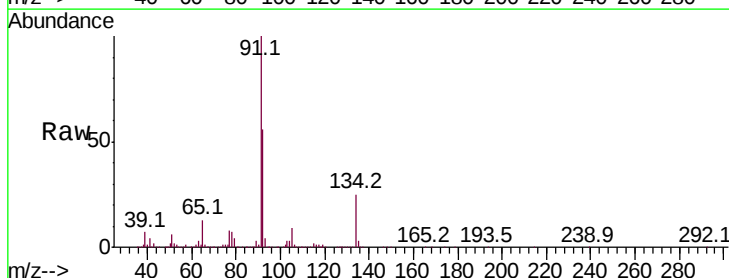
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

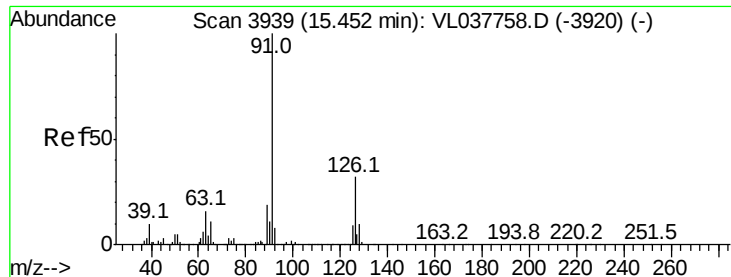
Tot Ion:1
 Ion Rati
 119 100
 134 26.
 91 27.



#70
 n-Butylbenzene
 Concen: 10.104 ppbv
 RT: 18.59 min Scan# 4916
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion: 91 Resp: 5574630
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.4 65.0
 134 24.3 19.8 29.6





#71

2-Chlorotoluene

Concen: 9.699 ppbv

RT: 15.50

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Oct 2021 8:50

Manual Integrations
APPROVED

Tot Ion:

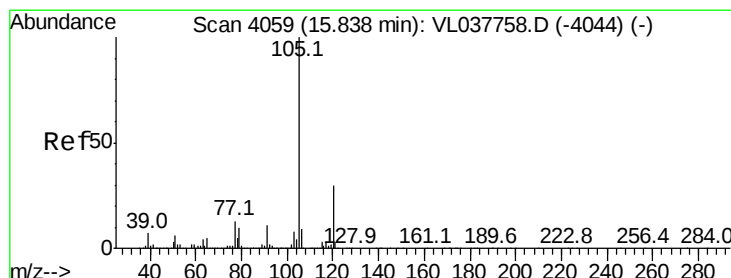
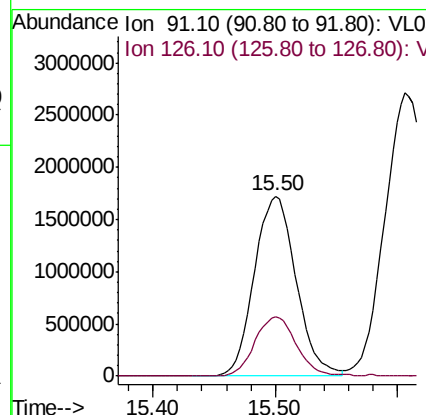
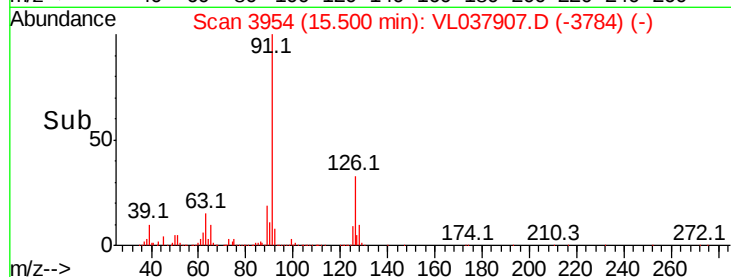
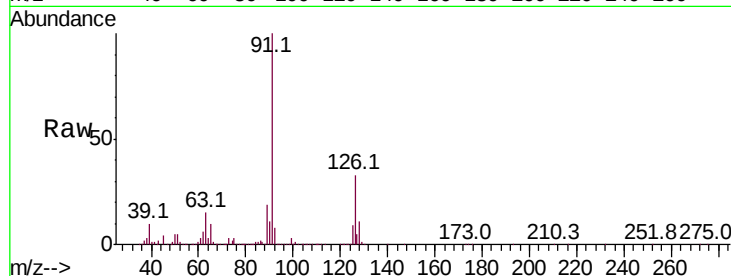
Ion Ratio

91 100

126 33.

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#72

4-Ethyltoluene

Concen: 9.721 ppbv

RT: 15.89 min Scan# 4074

Delta R.T. 0.05 min

Lab File: VL037907.D

Acq: 26 Oct 2021 8:50

Tgt Ion:105 Resp: 4723676

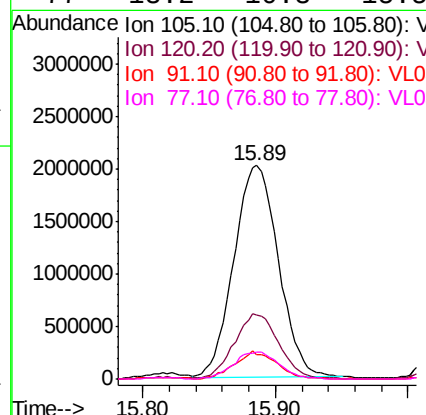
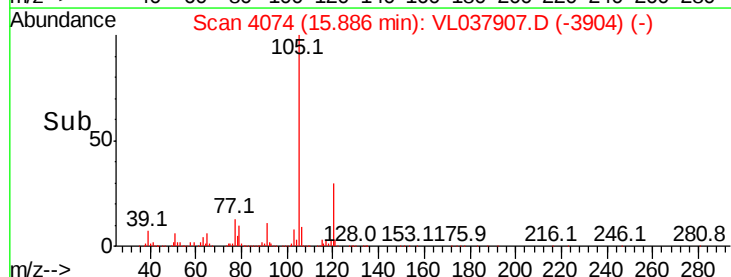
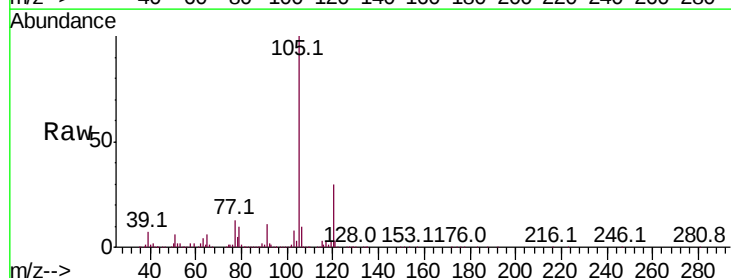
Ion Ratio Lower Upper

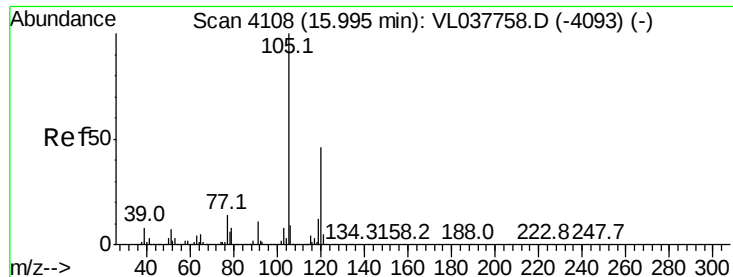
105 100

120 30.7 24.2 36.2

91 12.0 10.4 15.6

77 13.2 10.3 15.5



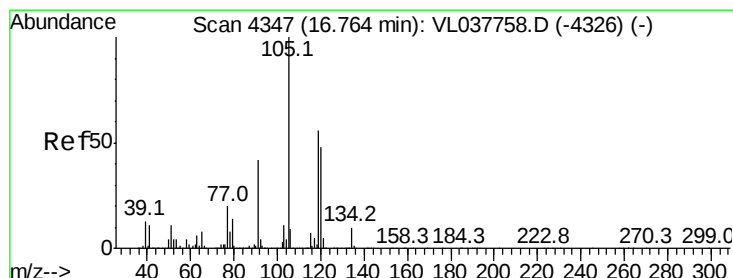
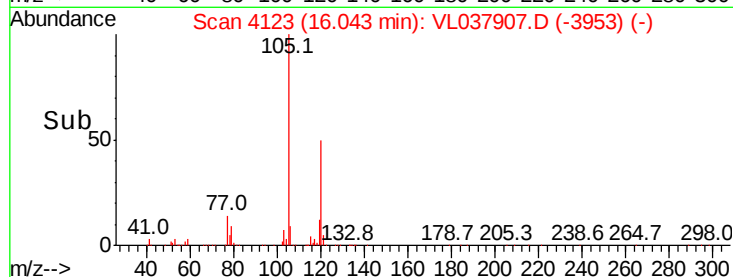
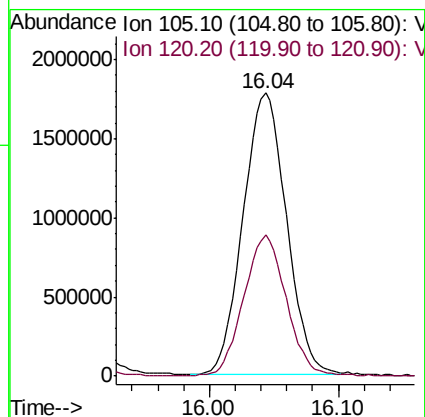
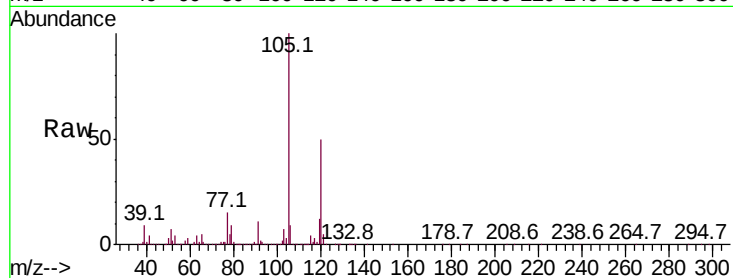


#73
 1,3,5-Trimethylbenzene
 Concen: 9.468 ppbv
 RT: 16.04 min
 Delta R.T. 0.04 min
 Lab File: VSTDCCC010EC
 Acq: 26 Oct 2021 8:50

Tot Ion: 1
 Ion Ratio
 105 100
 120 50.

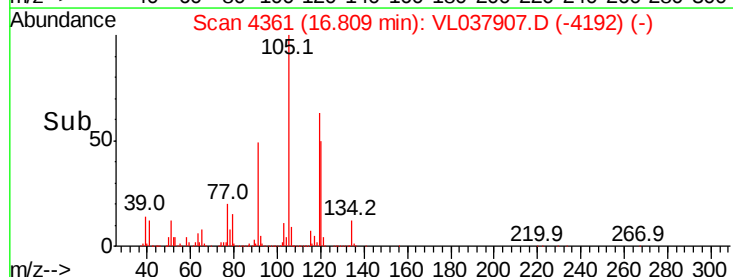
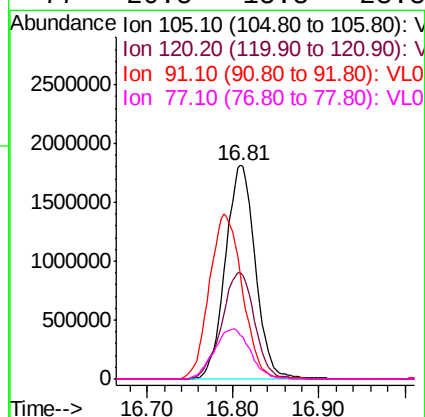
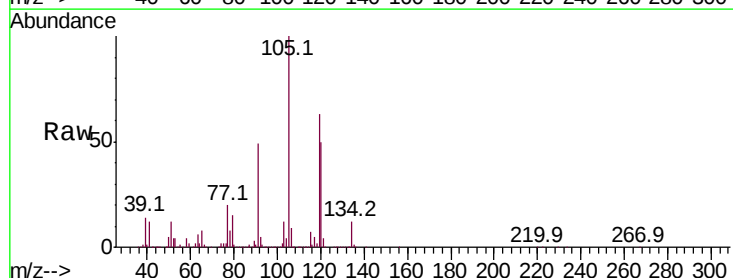
Manual Integrations
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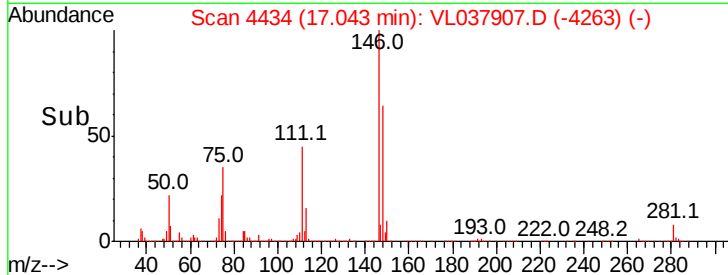
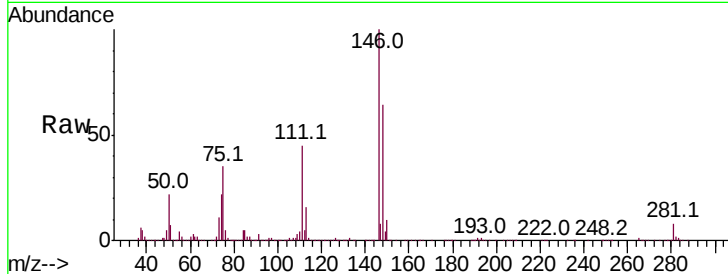
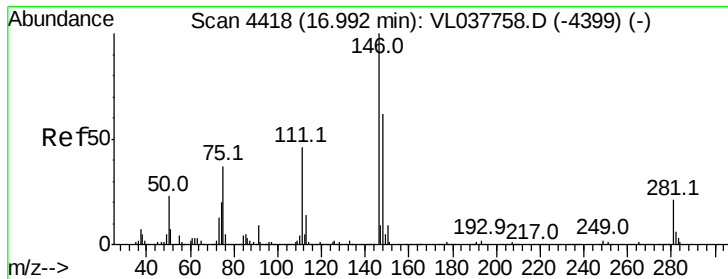
Reviewed By : Semsettin Yesilyurt 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.452 ppbv
 RT: 16.81 min Scan# 4361
 Delta R.T. 0.04 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion: 105 Resp: 4380944
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.4 57.6
 91 48.6 34.2 51.2
 77 20.5 15.8 23.8



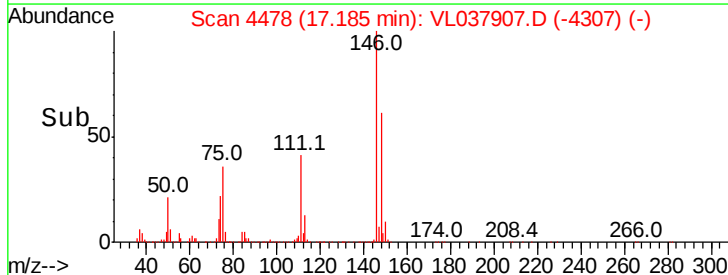
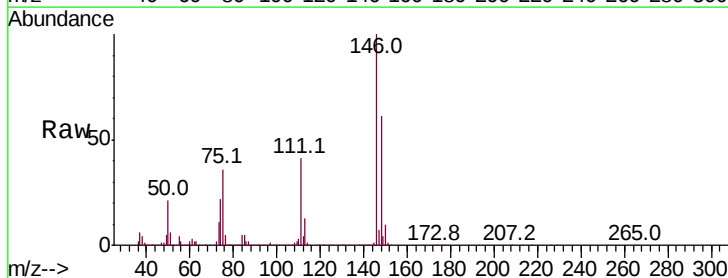
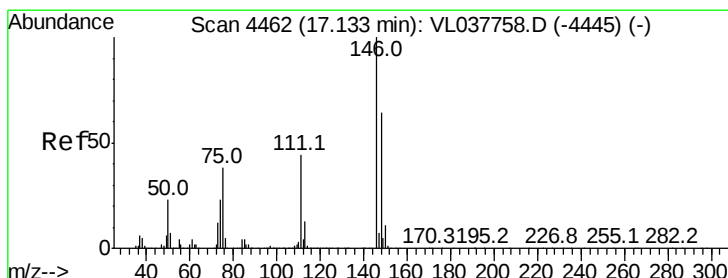
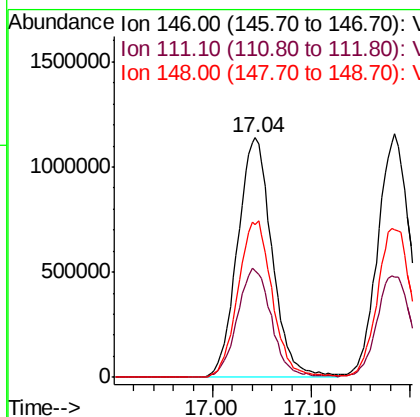


#75
 1,3-Dichlorobenzene
 Concen: 9.638 ppbv
 RT: 17.04 min
 Instrument: MSVOA_1
 Delta R.T.: 0.05 min
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 26 Oct 2021 8:50

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 64.

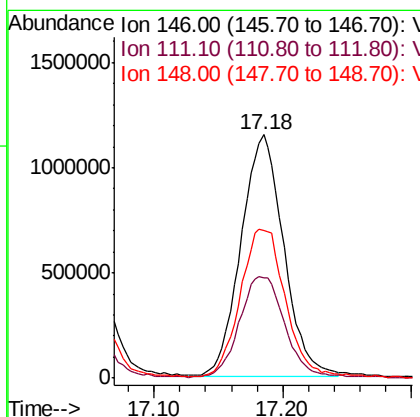
Manual Integrations
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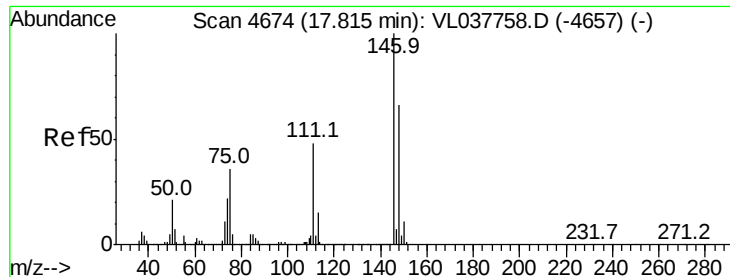
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.683 ppbv
 RT: 17.18 min Scan# 4478
 Delta R.T. 0.05 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion:146 Resp: 2652442
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.4 67.3
 148 66.1 33.3 99.9



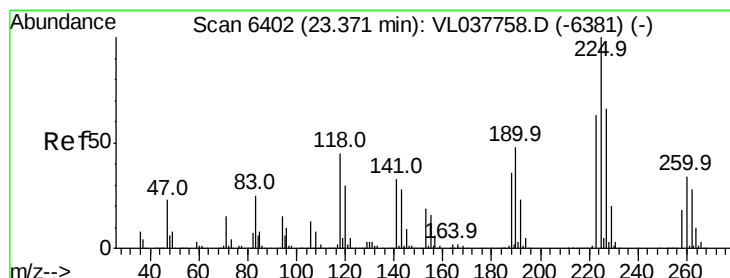
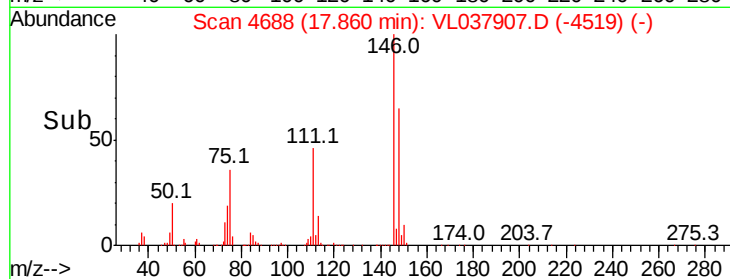
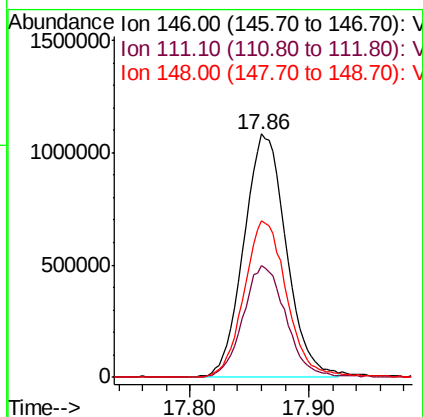
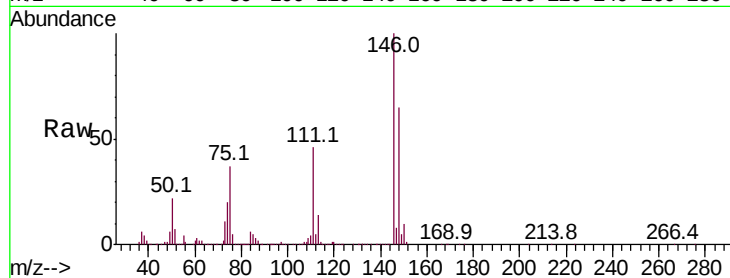


#77
 1,2-Dichlorobenzene
 Concen: 9.693 ppbv
 RT: 17.86 min
 Delta R.T. 0.05 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Manual Integrations
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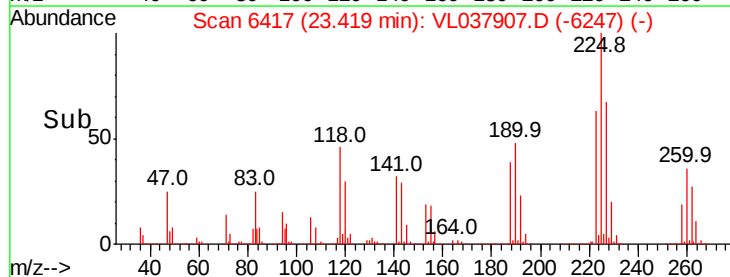
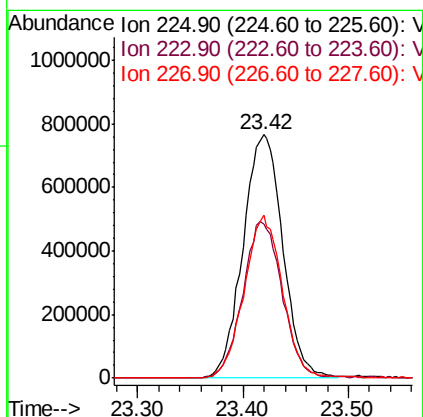
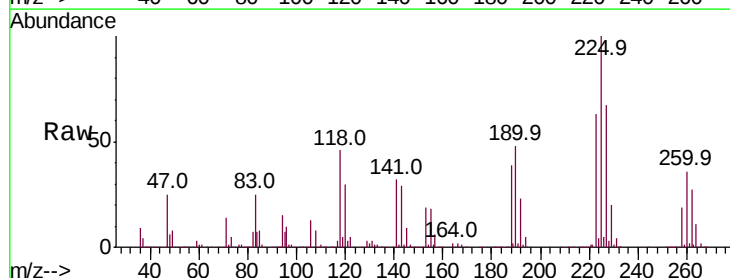
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

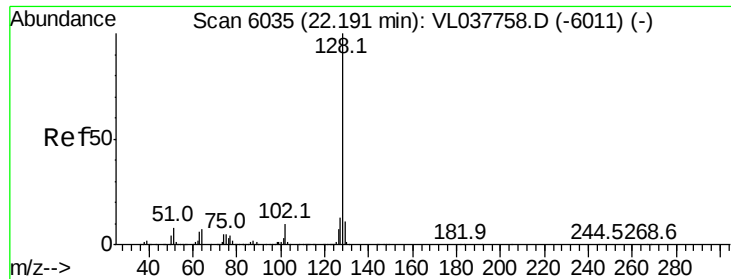
Tot Ion:1
 Ion Rati
 146 100
 111 46.
 148 65.



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.927 ppbv
 RT: 23.42 min Scan# 6417
 Delta R.T. 0.05 min
 Lab File: VL037907.D
 Acq: 26 Oct 2021 8:50

Tgt Ion:225 Resp: 2010716
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.2 76.8
 227 64.9 51.1 76.7



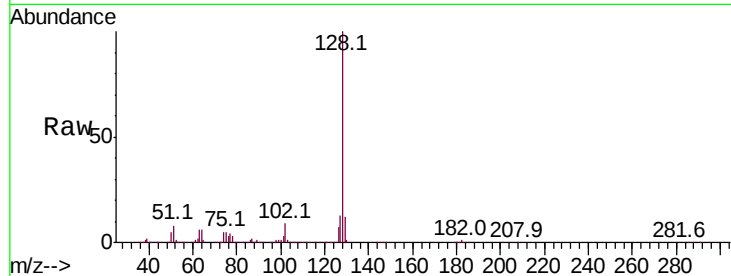


#79
Naphthalene
Concen: 11.138 ppbv
RT: 22.25
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 26 Oct 2021 8:50

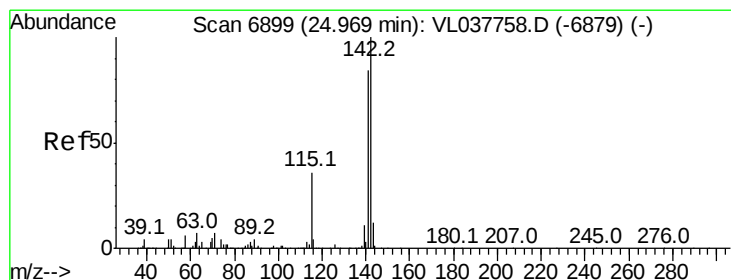
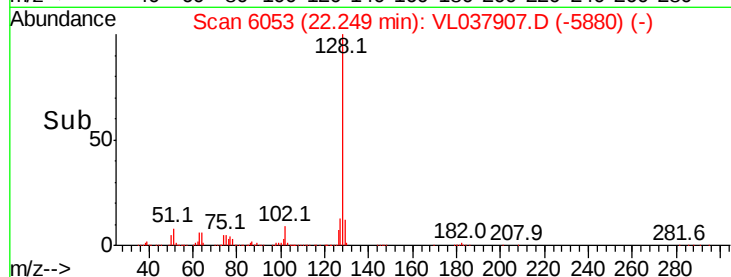
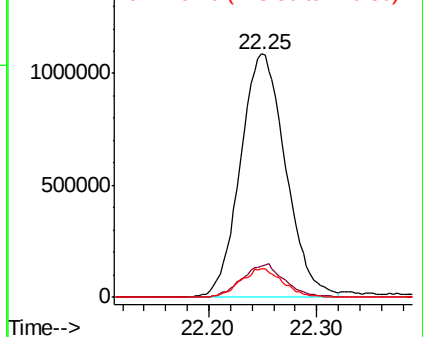
Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

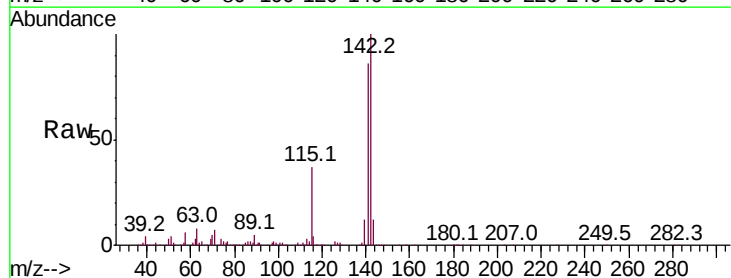


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

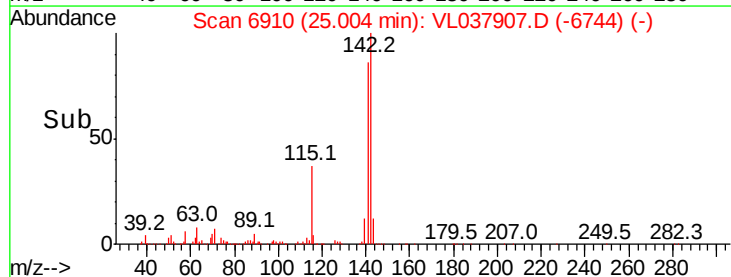
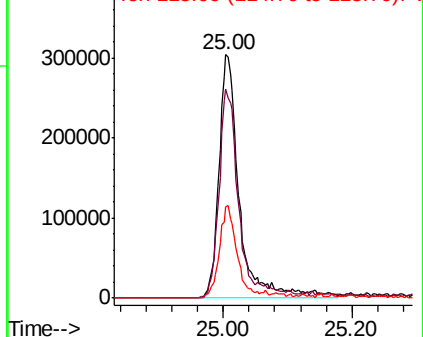


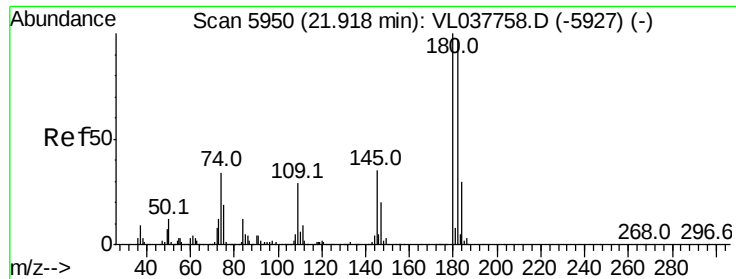
#80
Naphthalene, 2-methyl-
Concen: 8.878 ppbv
RT: 25.00 min Scan# 6910
Delta R.T. 0.04 min
Lab File: VL037907.D
Acq: 26 Oct 2021 8:50

Tgt Ion:142 Resp: 676669
Ion Ratio Lower Upper
142 100
141 82.8 68.6 102.8
115 33.3 29.0 43.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 10.786 ppbv
 RT: 21.98
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 26 Oct 2021 18:39

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

