

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038554.D
 Acq On : 8 Mar 2022 11:49
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Quant Time: Mar 08 14:06:52 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	914794	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2404870	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2261376	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1629617	8.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	268299	1.85	ppbv	98
3) Chlorodifluoromethane	2.99	51	337693	2.09	ppbv	99
4) Chloromethane	3.14	50	119603	2.13	ppbv	99
5) Vinyl Chloride	3.26	62	118501	2.02	ppbv	98
6) Bromomethane	3.47	94	65237	2.11	ppbv	95
7) Chloroethane	3.56	64	41155m	2.18	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	270035	2.00	ppbv	96
9) Propene	3.01	41	122031	2.29	ppbv	98
10) Heptane	8.11	43	292869	2.26	ppbv	97
11) Trichlorofluoromethane	3.94	101	250618	1.81	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	202475	1.99	ppbv	98
13) Ethanol	3.61	45	14155m	2.66	ppbv	
14) Bromoethene	3.74	108	81067	2.00	ppbv	93
15) Acetone	3.85	43	136243	1.75	ppbv	100
16) 1,3-Butadiene	3.33	39	104792	2.02	ppbv	95
17) tert-Butyl alcohol	4.29	59	138310m	1.78	ppbv	
18) 1,1-Dichloroethene	4.29	96	85590	1.92	ppbv	97
19) Isopropyl Alcohol	3.97	45	82386m	1.83	ppbv	
20) Methylene Chloride	4.34	84	82415m	2.14	ppbv	
21) Allyl Chloride	4.40	41	129252	1.97	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	88969	1.97	ppbv	100
23) Vinyl Acetate	5.07	43	189227	1.84	ppbv	98
24) 1,1-Dichloroethane	5.00	63	176933	1.91	ppbv	98
25) Ethyl Acetate	5.67	43	467129	2.23	ppbv	99
26) Hexane	5.68	57	221111	2.34	ppbv	98
27) Carbon Disulfide	4.54	76	209166	1.99	ppbv	97
28) Methyl tert-Butyl Ether	5.03	73	183827	1.91	ppbv	100
29) Chloroform	5.74	83	328125	2.12	ppbv	97
30) Cyclohexane	7.12	84	184773	2.39	ppbv	89
31) cis-1,2-Dichloroethene	5.54	61	200500	2.19	ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	313138	2.02	ppbv	99
34) 2-Butanone	5.24	43	133794	1.77	ppbv	97
35) Carbon Tetrachloride	7.01	117	323098	1.91	ppbv	98
36) Benzene	6.88	78	459283	2.17	ppbv	98
37) 1,2-Dichloroethane	6.29	62	218839	1.79	ppbv	98
38) Trichloroethene	7.83	130	169767	2.20	ppbv	97
39) 1,2-Dichloropropane	7.60	63	176648	2.09	ppbv	95
40) 1,4-Dioxane	7.83	88	43926m	2.20	ppbv	
41) Tetrahydrofuran	6.05	42	99620	1.95	ppbv	94
42) Bromodichloromethane	7.78	83	347442	1.97	ppbv	97
43) Methyl Methacrylate	8.01	69	156816	2.13	ppbv	98

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 VSTDICC002

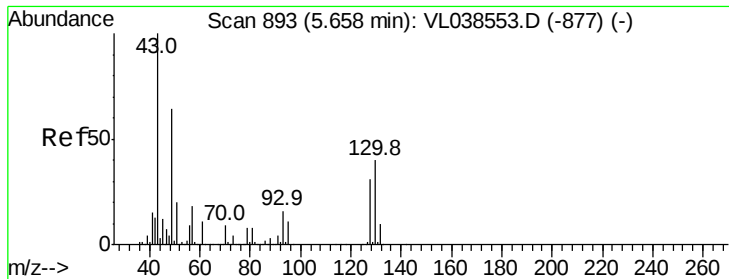
Manual Integrations
 APPROVED

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

Quant Time: Mar 08 14:06:52 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Mar 08 13:53:01 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	797057	2.19	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	108047	1.84	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	148808	1.93	ppbv	94
47) 1,1,2-Trichloroethane	9.46	97	178707	2.13	ppbv	98
48) Dibromochloromethane	10.29	129	286380	2.09	ppbv	99
49) Bromoform	13.02	173	218240	2.16	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	274978	2.06	ppbv	100
51) 2-Hexanone	10.13	43	109054	1.82	ppbv	97
52) Tetrachloroethene	11.21	164	162313	2.31	ppbv	99
53) Toluene	9.79	91	499095	2.17	ppbv	99
54) 1,2-Dibromoethane	10.60	107	242708	2.06	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	192930	2.05	ppbv #	1
57) Chlorobenzene	12.13	112	355568	2.04	ppbv	98
58) Ethyl Benzene	12.70	91	628273	2.03	ppbv	100
59) m/p-Xylene	12.98	91	1063669m	4.01	ppbv	
60) o-Xylene	13.68	91	501992	2.00	ppbv	99
61) Styrene	13.51	104	246497	2.13	ppbv	99
62) Isopropylbenzene	14.65	105	696516	2.07	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	386298m	1.89	ppbv	
64) n-propylbenzene	15.54	120	177472	2.13	ppbv	91
65) tert-Butylbenzene	16.73	119	637383	2.18	ppbv	99
66) Benzyl Chloride	16.97	91	34504m	2.19	ppbv	
67) sec-Butylbenzene	17.28	105	906280	2.19	ppbv	99
69) p-Isopropyltoluene	17.63	119	743897	2.29	ppbv	98
70) n-Butylbenzene	18.54	91	797590	2.37	ppbv	99
71) 2-Chlorotoluene	15.44	91	522582	2.02	ppbv	98
72) 4-Ethyltoluene	15.82	105	579223	2.09	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	528556	2.10	ppbv	96
74) 1,2,4-Trimethylbenzene	16.75	105	589339	2.22	ppbv	96
75) 1,3-Dichlorobenzene	16.98	146	349794	2.35	ppbv	98
76) 1,4-Dichlorobenzene	17.12	146	359146m	2.45	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	359102	2.51	ppbv	98
78) Hexachloro-1,3-Butadiene	23.36	225	358482	3.29	ppbv	99
79) Naphthalene	22.18	128	549511	3.82	ppbv	97
80) Naphthalene,2-methyl-	24.96	142	83000	2.96	ppbv	95
81) 1,2,4-Trichlorobenzene	21.91	180	326999	3.76	ppbv	98

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

49 100

128 53.

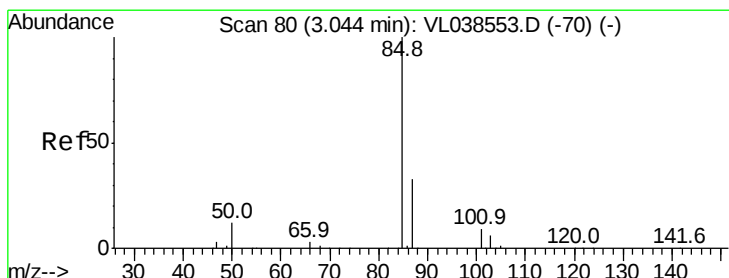
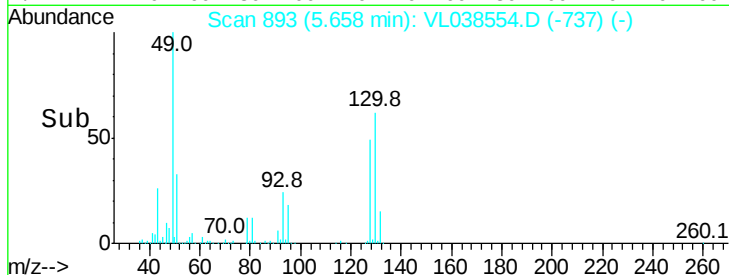
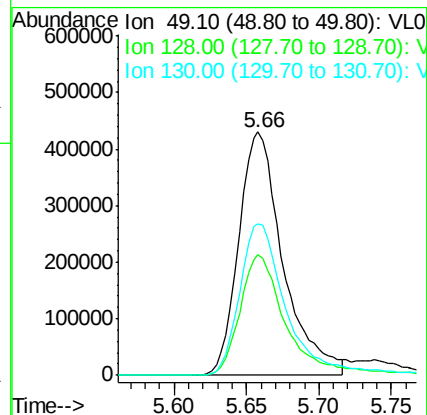
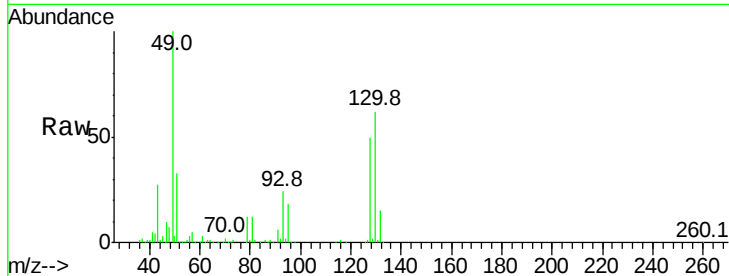
130 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 1.85 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL038554.D

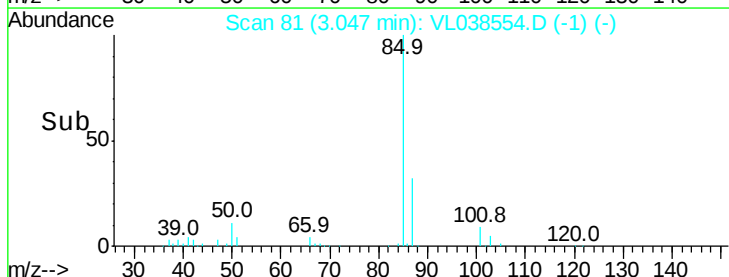
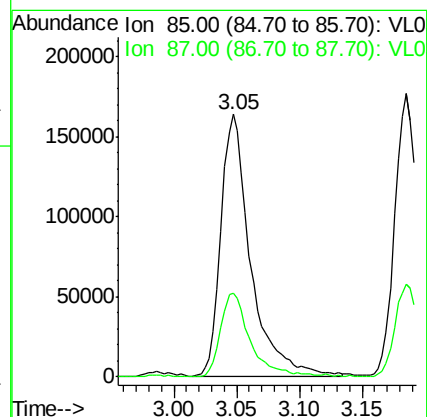
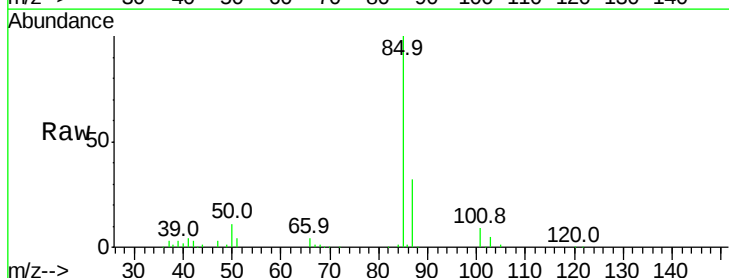
Acq: 8 Mar 2022 11:49

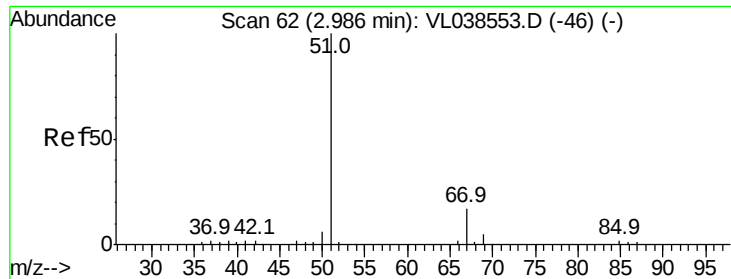
Tgt Ion: 85 Resp: 268299

Ion Ratio Lower Upper

85 100

87 31.8 26.2 39.2





#3

Chlorodifluoromethane

Concen: 2.09 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

51 100

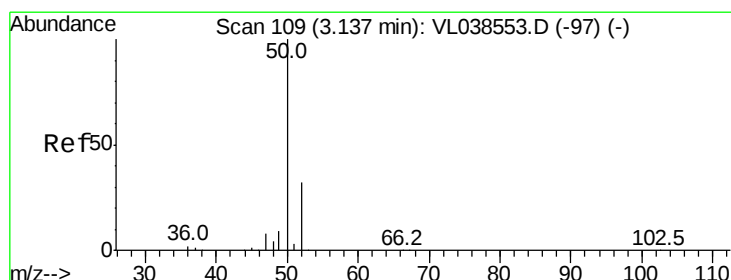
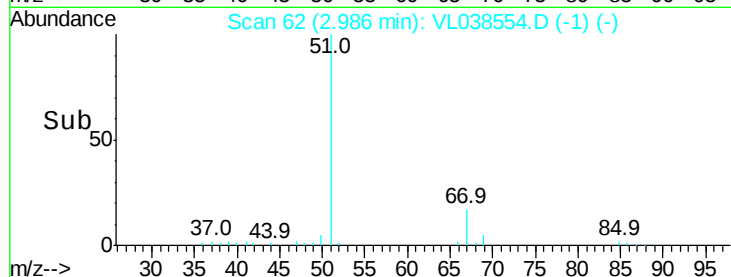
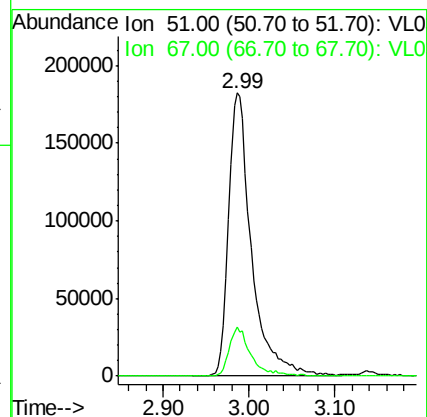
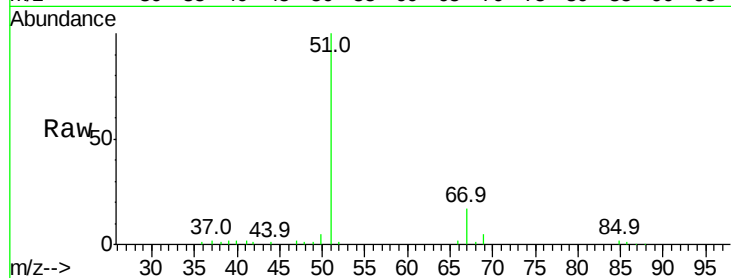
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 2.13 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.00 min

Lab File: VL038554.D

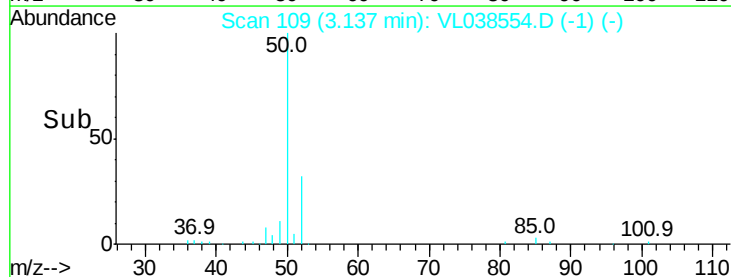
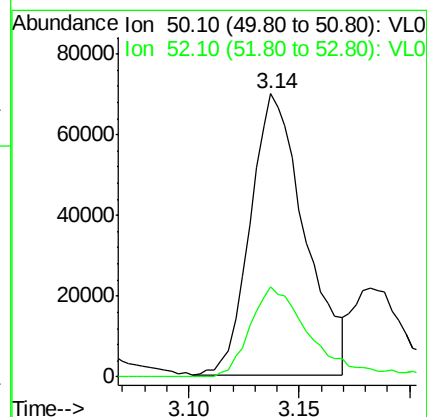
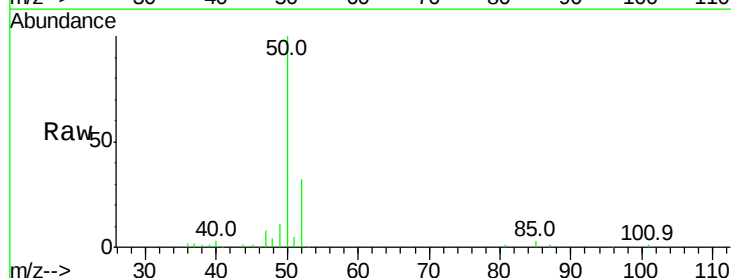
Acq: 8 Mar 2022 11:49

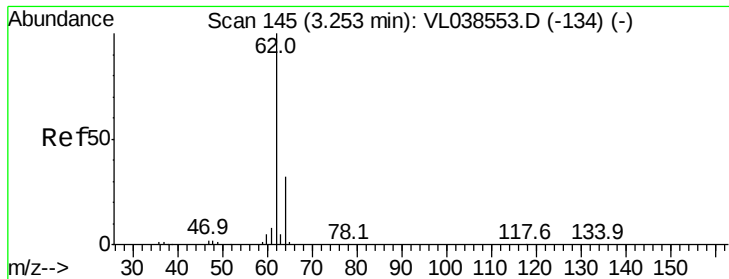
Tgt Ion: 50 Resp: 119603

Ion Ratio Lower Upper

50 100

52 32.3 25.6 38.4





#5

Vinyl Chloride

Concen: 2.02 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

62 100

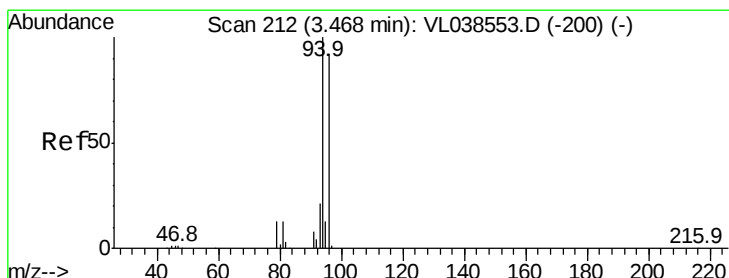
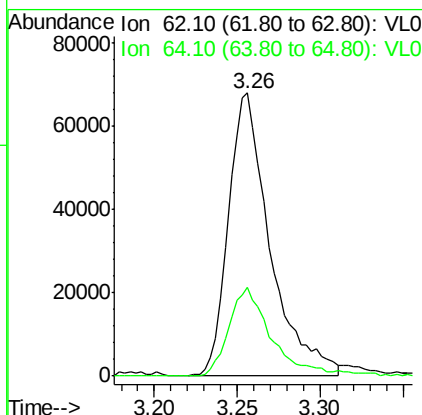
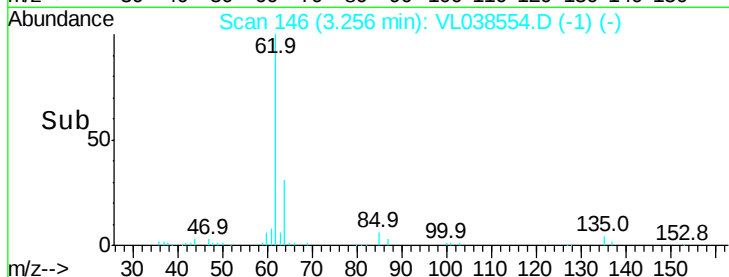
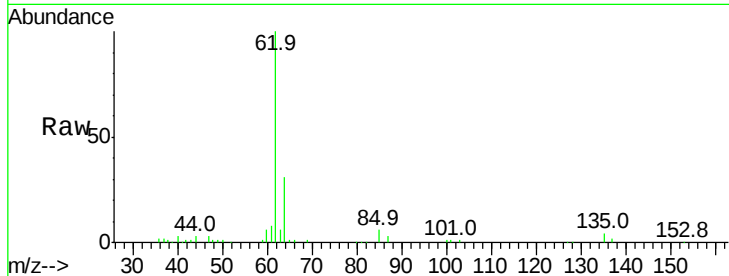
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 2.11 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL038554.D

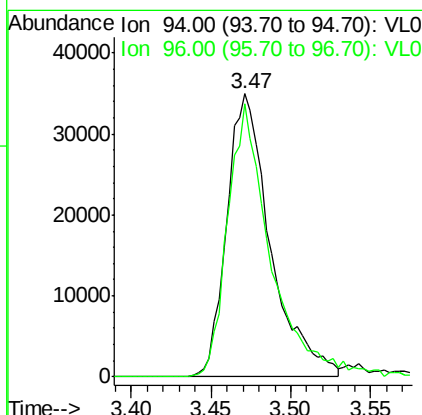
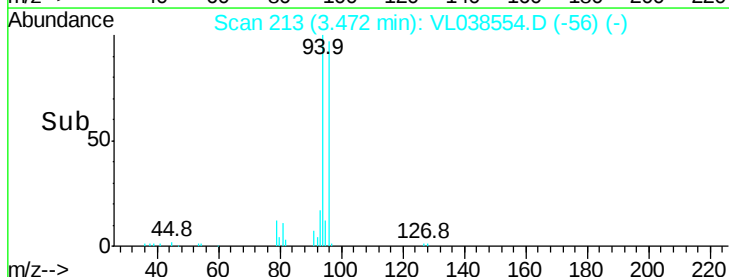
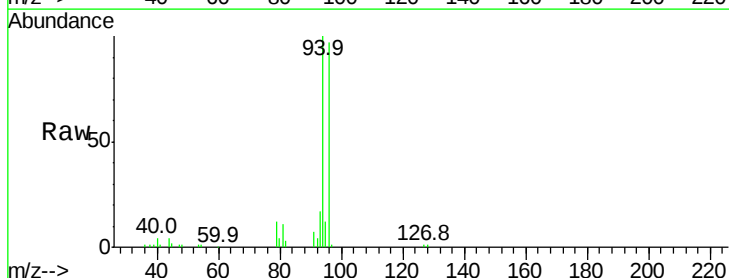
Acq: 8 Mar 2022 11:49

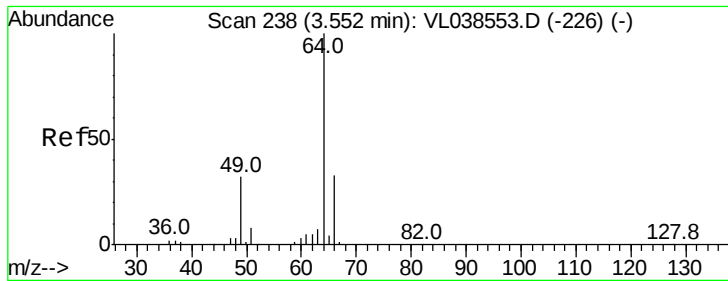
Tgt Ion: 94 Resp: 65237

Ion Ratio Lower Upper

94 100

96 96.6 73.7 110.5





#7

Chloroethane

Concen: 2.18 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

64 100

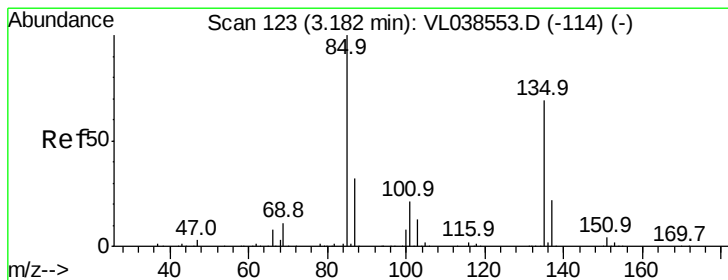
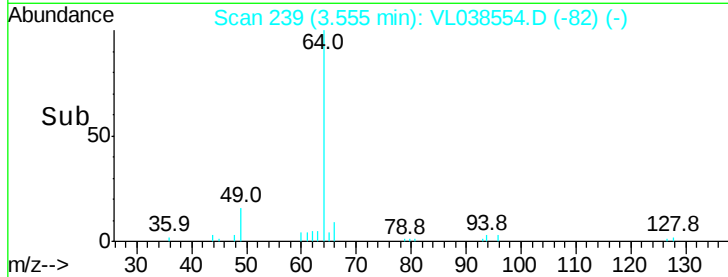
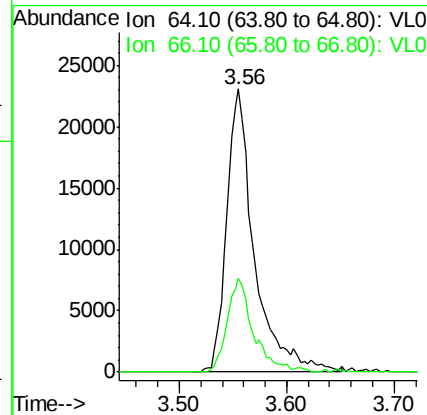
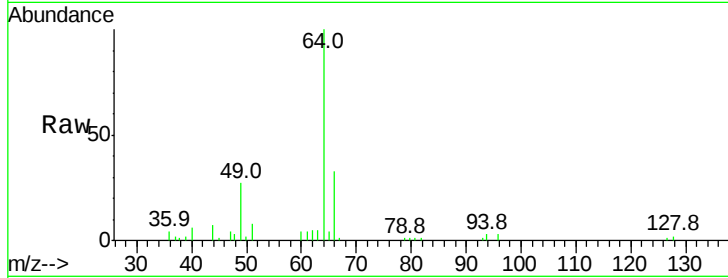
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 2.00 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL038554.D

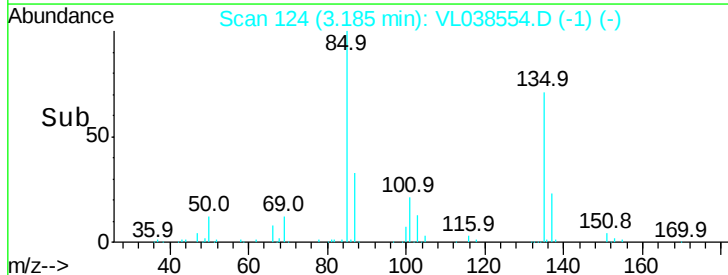
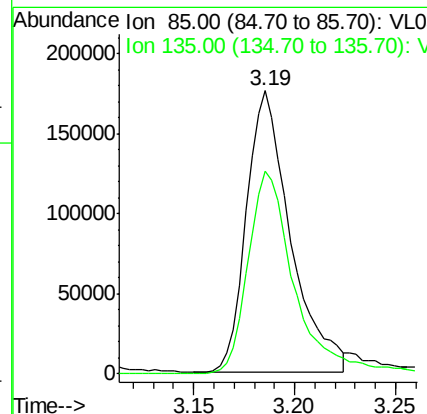
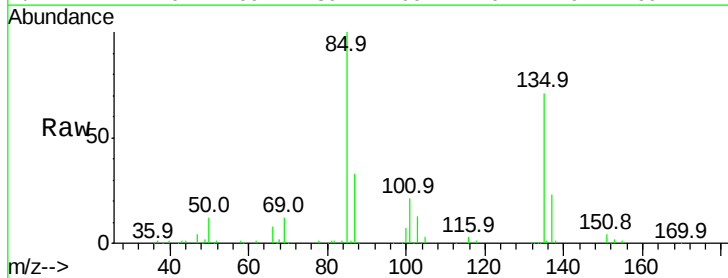
Acq: 8 Mar 2022 11:49

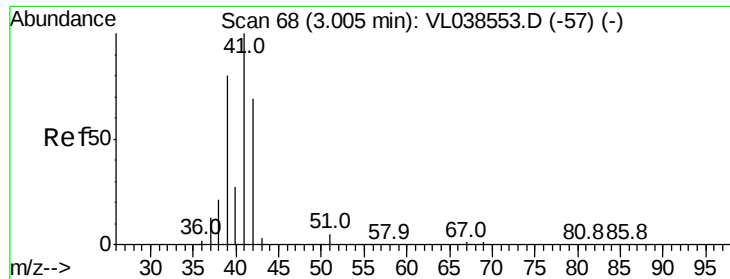
Tgt Ion: 85 Resp: 270035

Ion Ratio Lower Upper

85 100

135 77.3 59.0 88.4





#9

Propene

Concen: 2.29 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

41 100

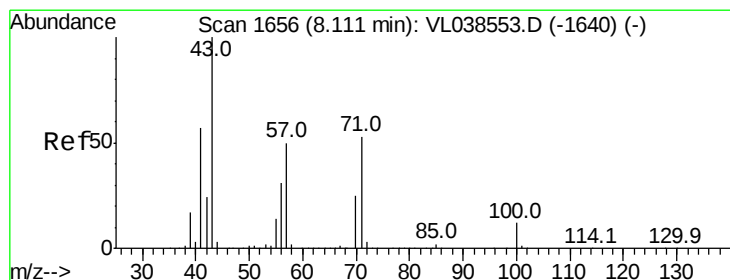
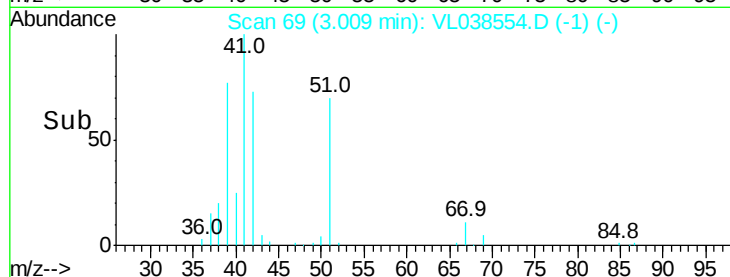
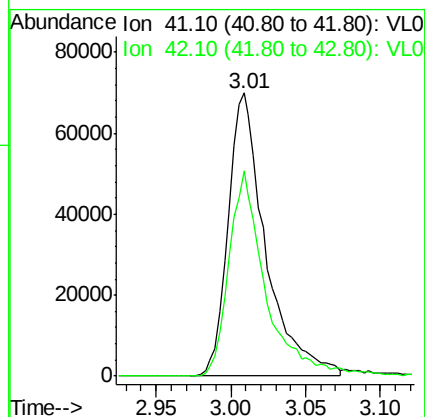
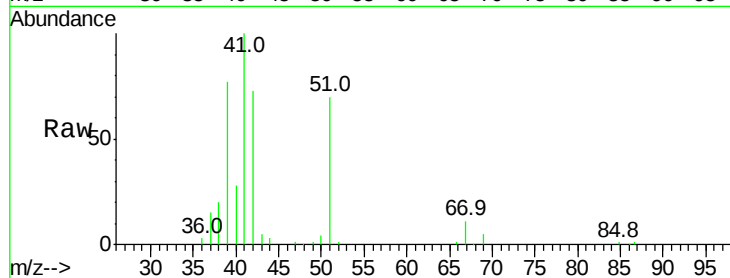
42 71.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 2.26 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VL038554.D

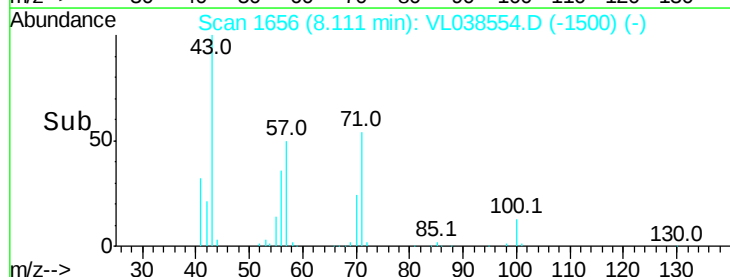
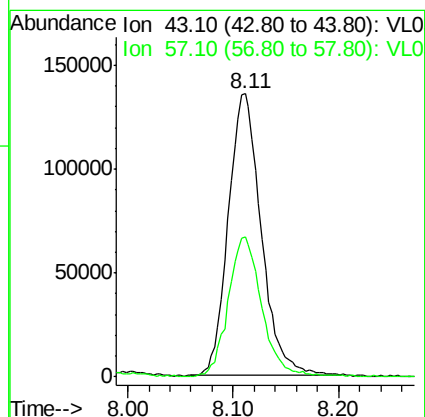
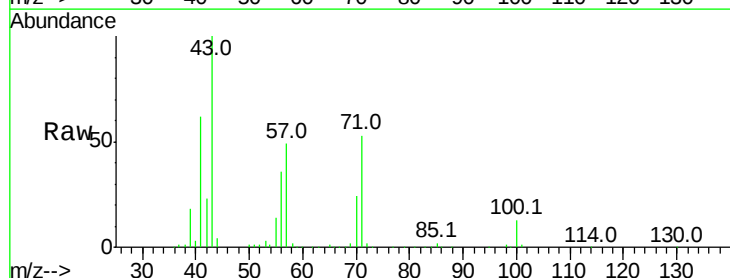
Acq: 8 Mar 2022 11:49

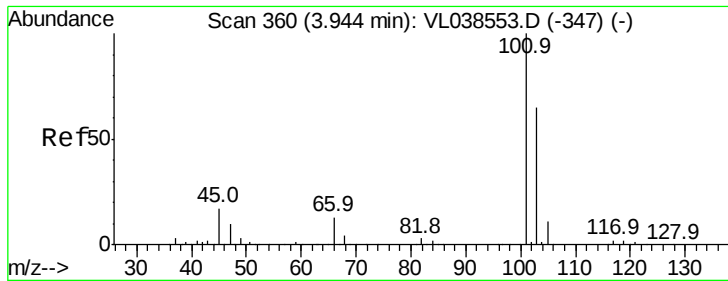
Tgt Ion: 43 Resp: 292869

Ion Ratio Lower Upper

43 100

57 51.2 39.6 59.4



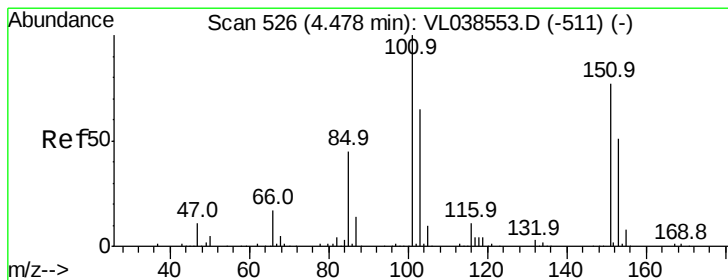
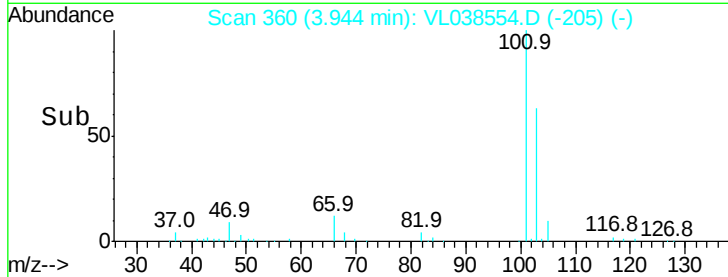
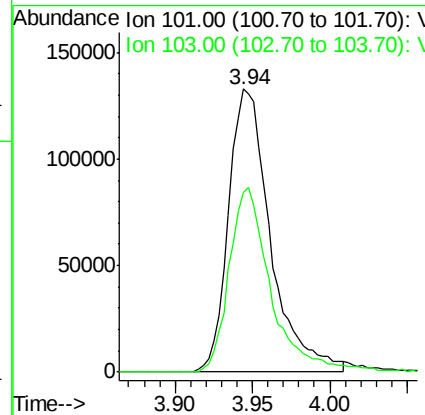
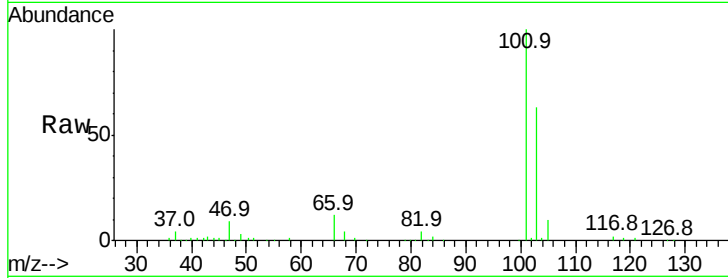


#11
 Trichlorofluoromethane
 Concen: 1.81 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

Tgt Ion:1
 Ion Rati
 101 100
 103 63.

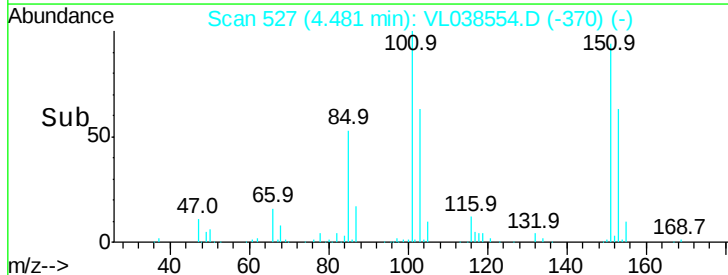
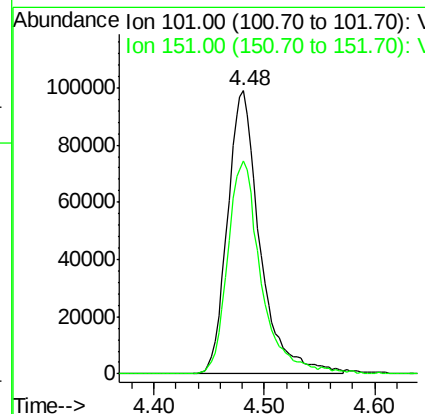
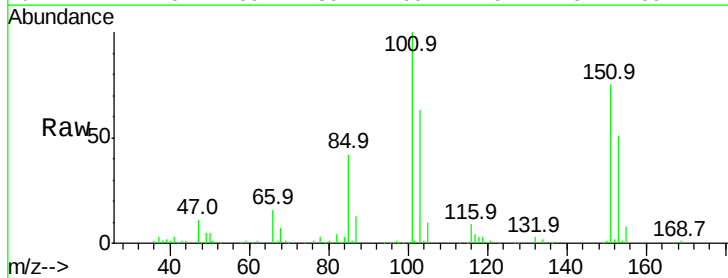
Manual Integrations
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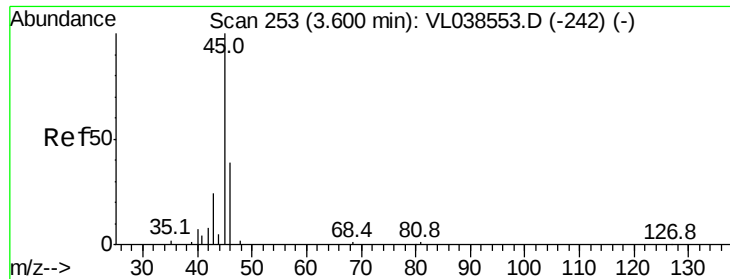
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.99 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion:101 Resp: 202475
 Ion Ratio Lower Upper
 101 100
 151 77.3 63.4 95.0





#13

Ethanol

Concen: 2.66 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

45 100

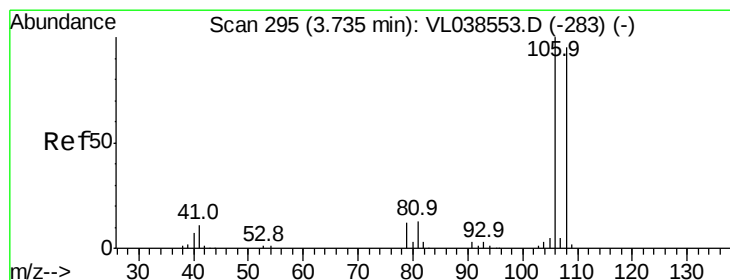
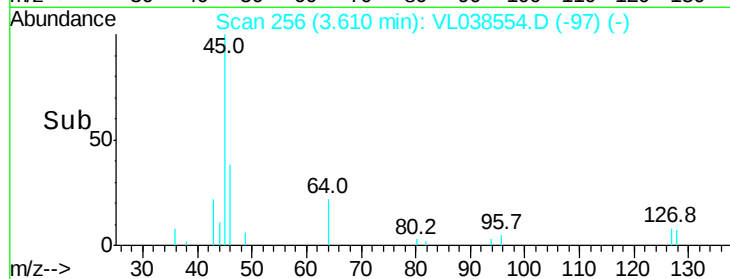
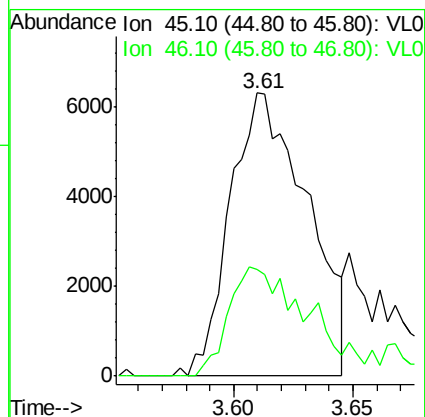
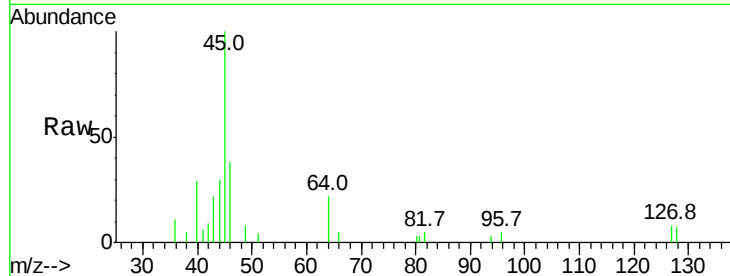
46 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#14

Bromoethene

Concen: 2.00 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

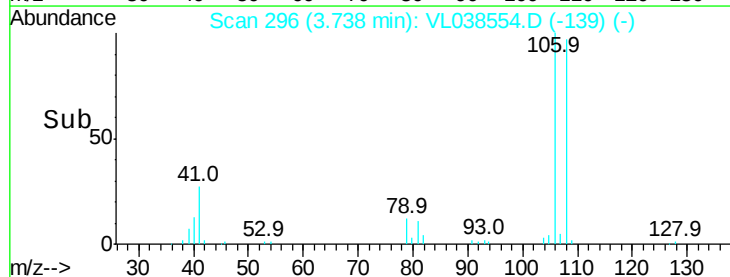
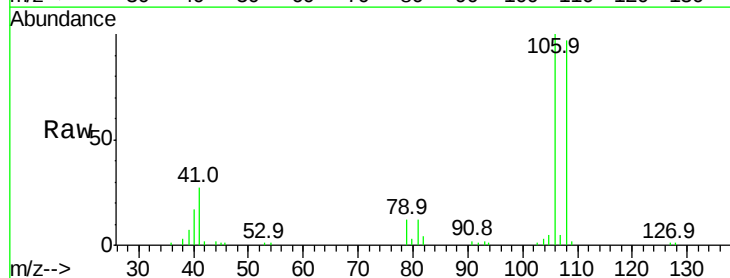
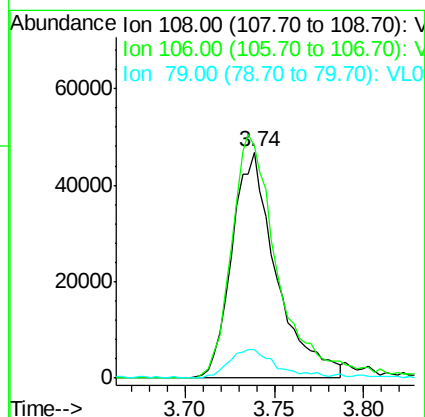
Tgt Ion:108 Resp: 81067

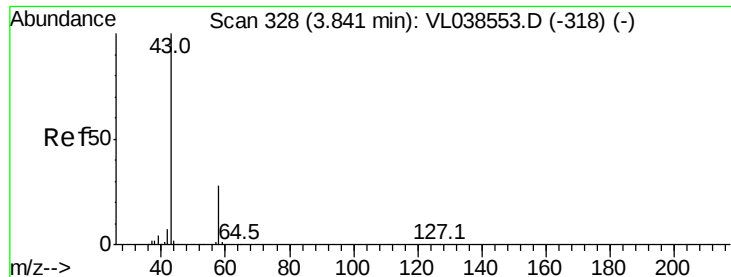
Ion Ratio Lower Upper

108 100

106 115.5 85.9 128.9

79 15.3 11.0 16.6





#15

Acetone

Concen: 1.75 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

43 100

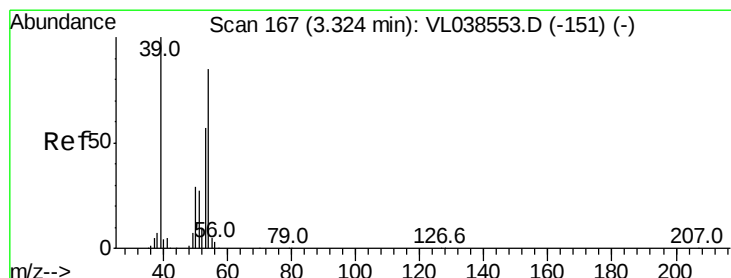
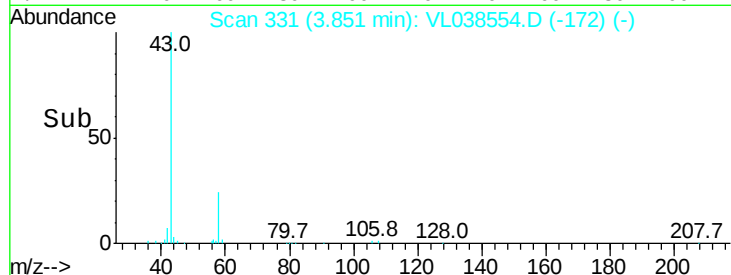
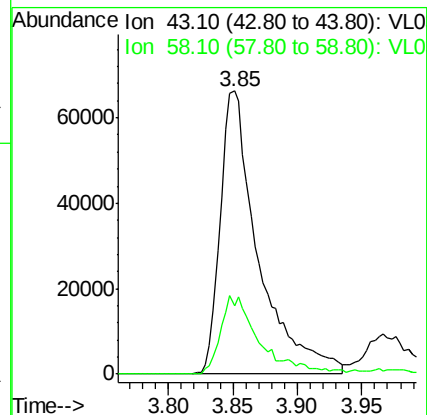
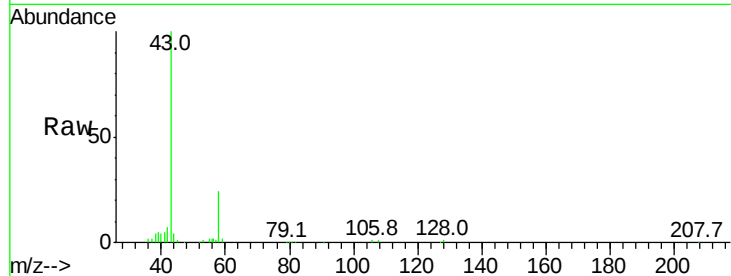
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 2.02 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.00 min

Lab File: VL038554.D

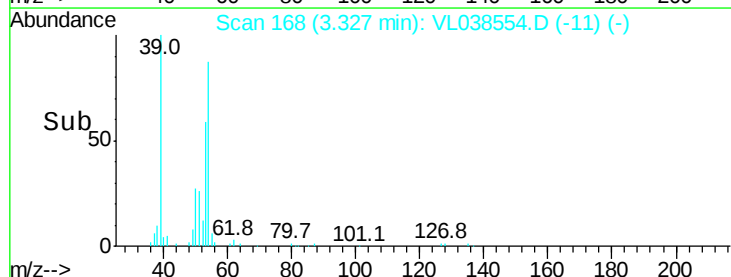
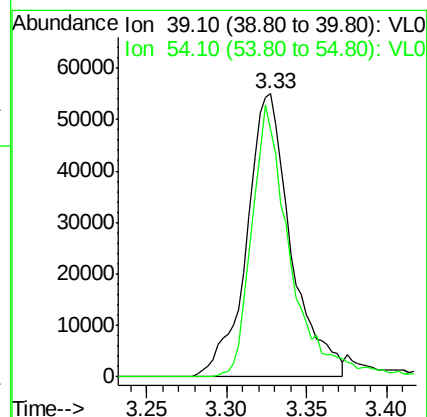
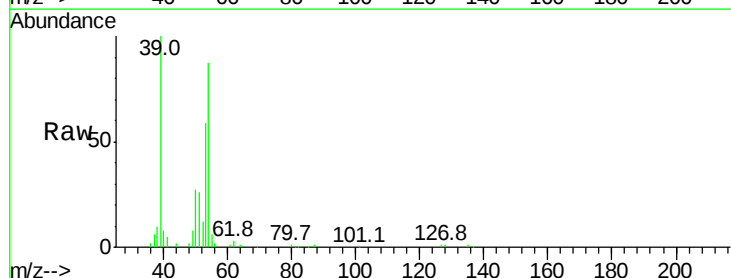
Acq: 8 Mar 2022 11:49

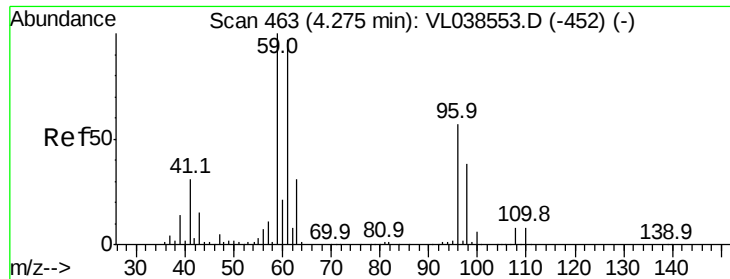
Tgt Ion: 39 Resp: 104792

Ion Ratio Lower Upper

39 100

54 84.4 64.2 96.2





#17

tert-Butyl alcohol

Concen: 1.78 ppbv m

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

59 100

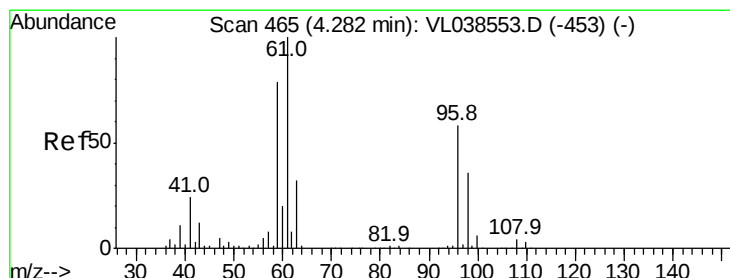
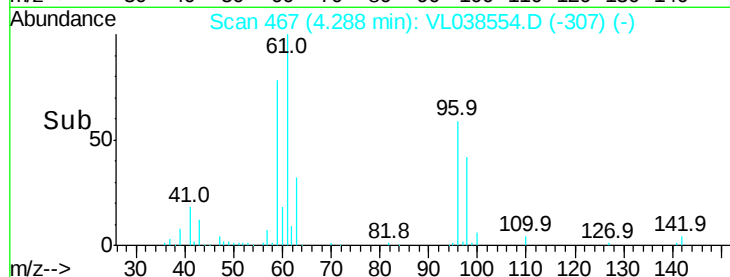
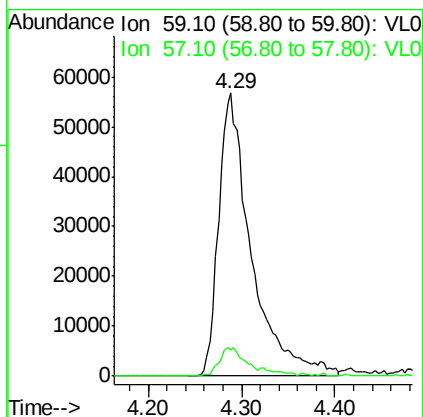
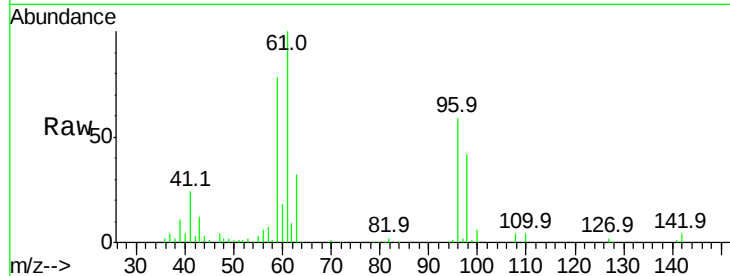
57 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#18

1,1-Dichloroethene

Concen: 1.92 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

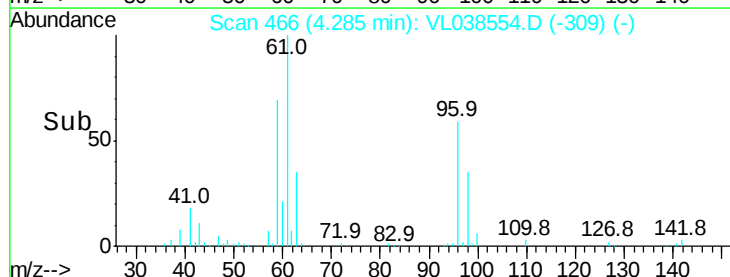
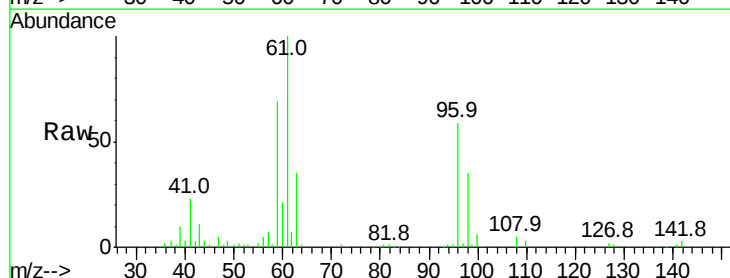
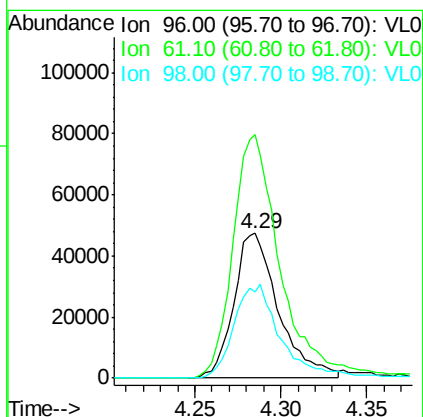
Tgt Ion: 96 Resp: 85590

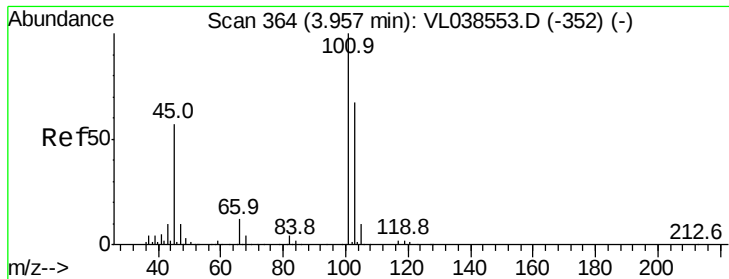
Ion Ratio Lower Upper

96 100

61 167.8 137.4 206.0

98 59.2 49.3 73.9



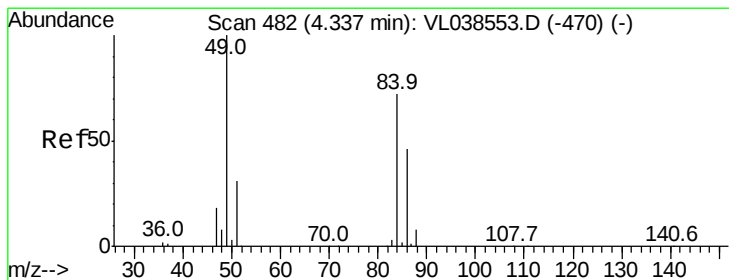
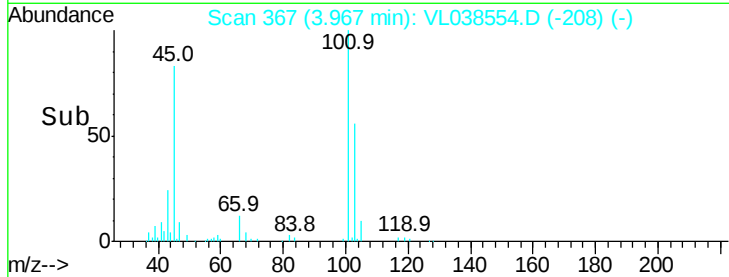
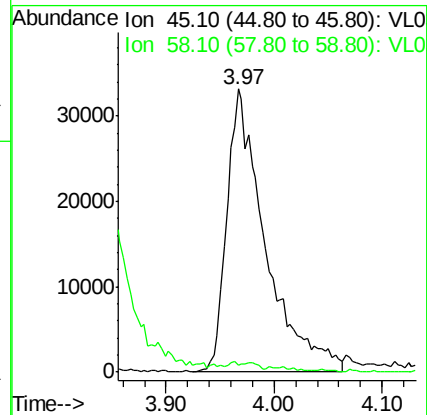
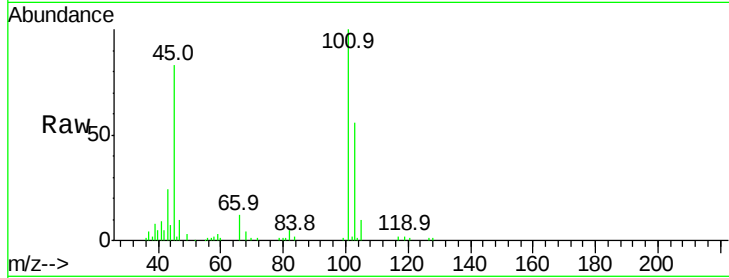


#19
Isopropyl Alcohol
Concen: 1.83 ppbv m
RT: 3.97
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion:
Ion Ratio
45 100
58 4.

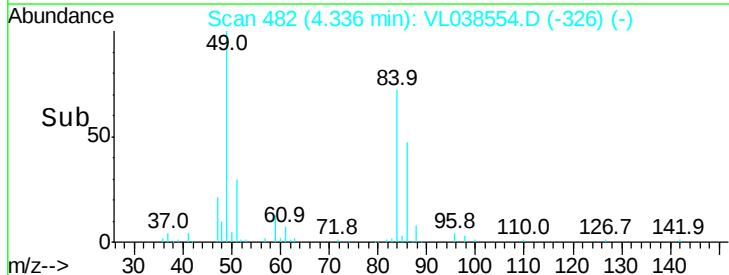
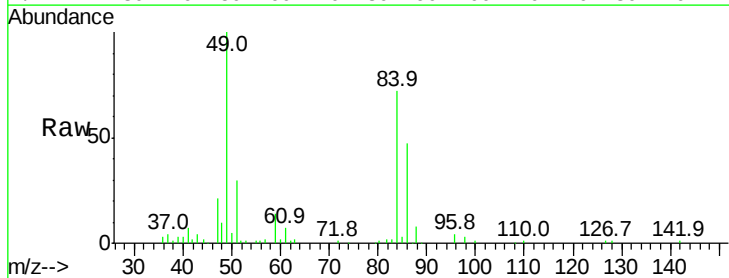
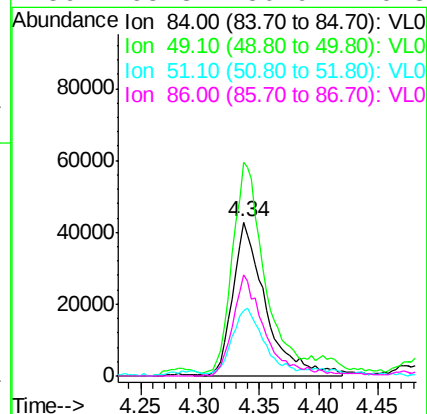
Manual Integrations
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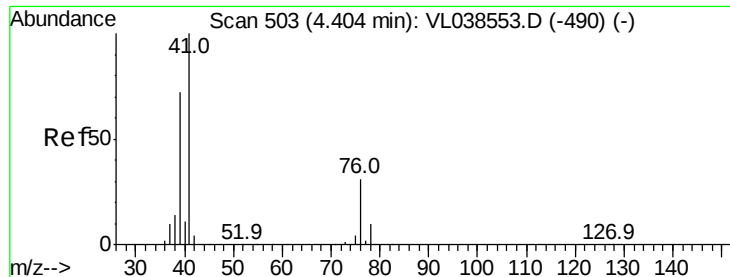
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#20
Methylene Chloride
Concen: 2.14 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 84 Resp: 82415
Ion Ratio Lower Upper
84 100
49 138.6 111.1 166.7
51 42.1 34.0 51.0
86 65.3 50.9 76.3



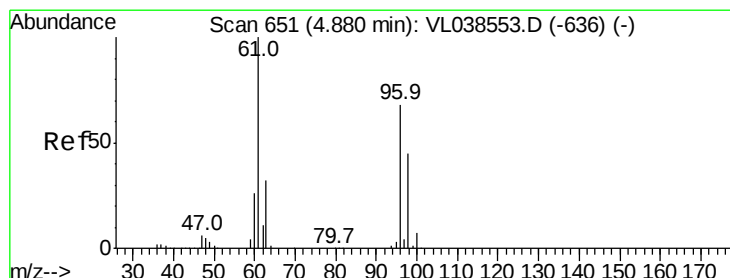
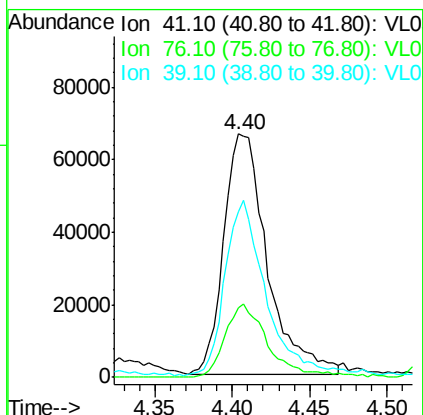
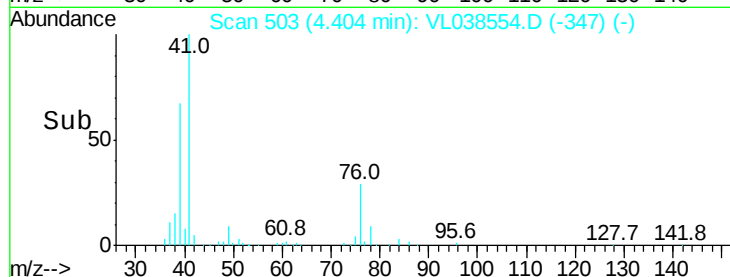
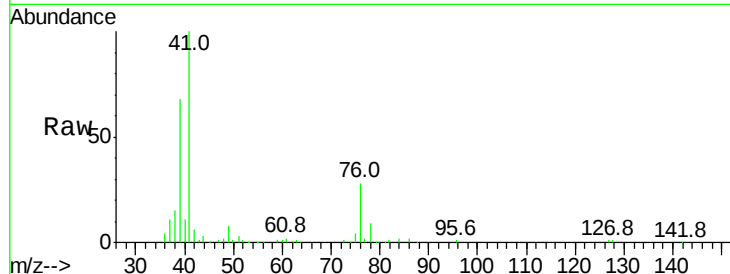


#21
 Allyl Chloride
 Concen: 1.97 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 41 100
 76 30.
 39 70.

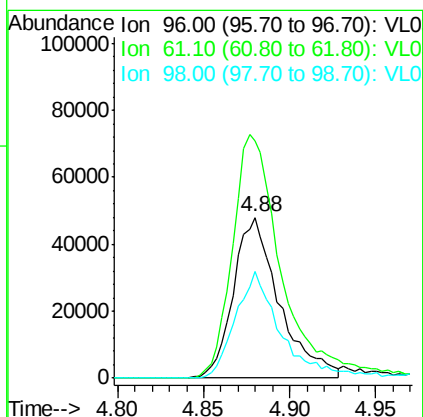
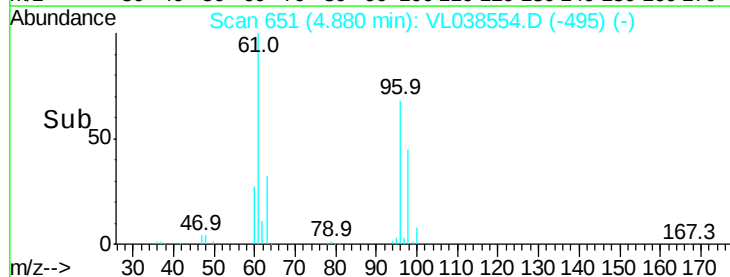
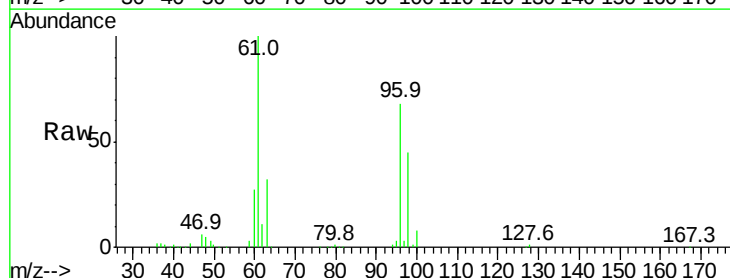
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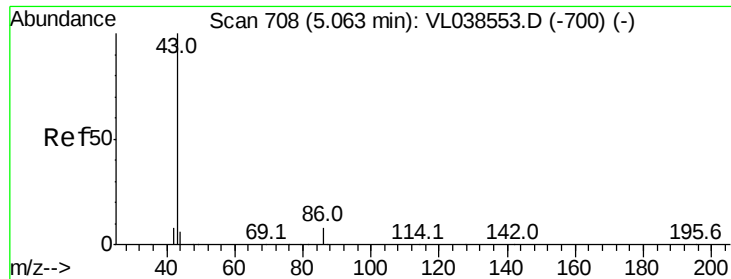
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.97 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 96 Resp: 88969
 Ion Ratio Lower Upper
 96 100
 61 147.3 117.6 176.4
 98 66.3 52.6 78.8



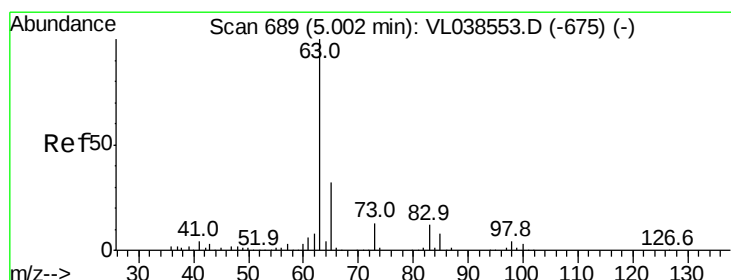
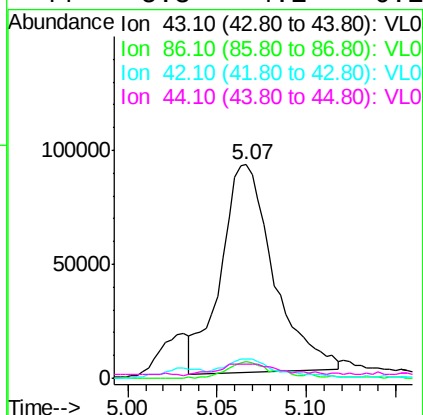
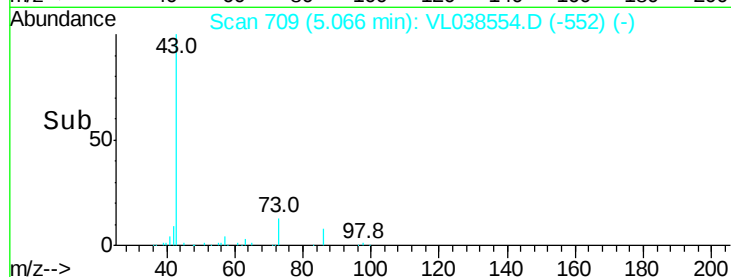
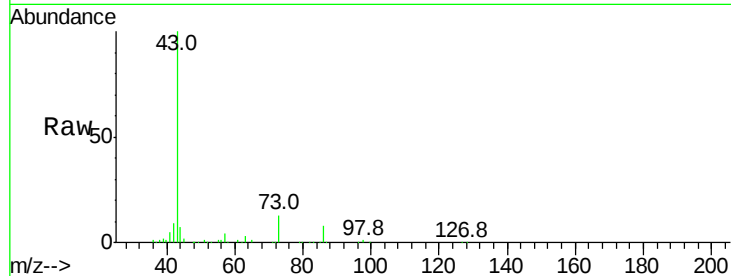


#23
 Vinyl Acetate
 Concen: 1.84 ppbv
 RT: 5.07
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 43 100
 86 8.
 42 8.
 44 5.3 4.1 6.1

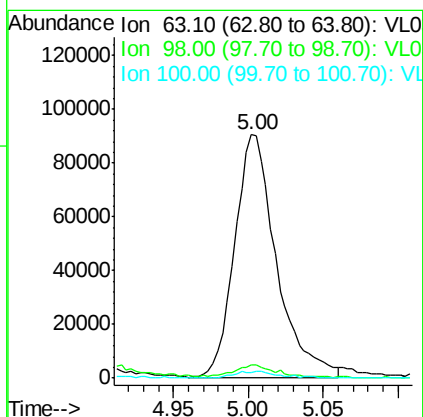
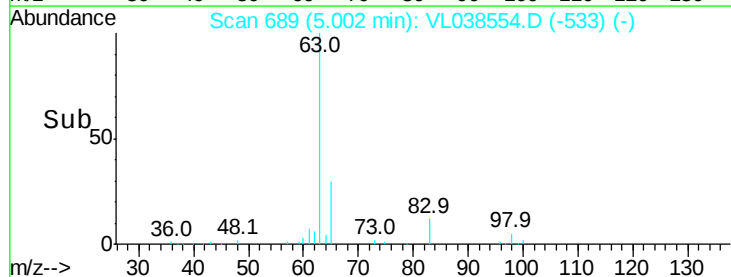
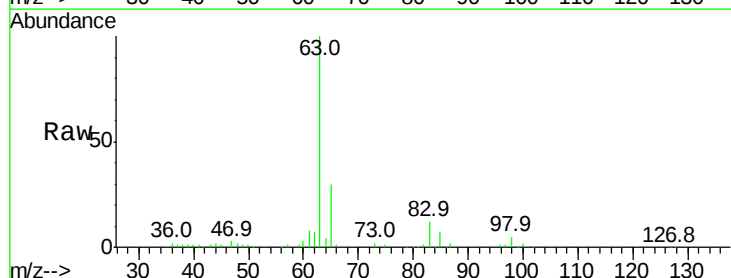
Manual Integrations
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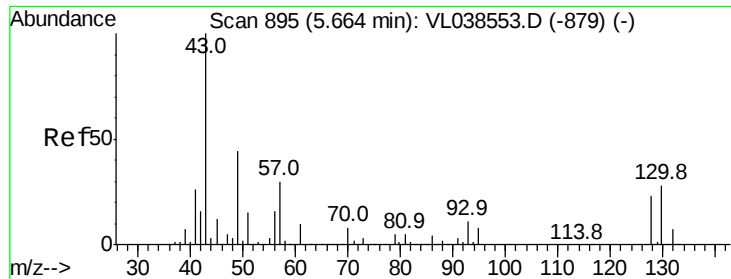
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 1.91 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 63 Resp: 176933
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.2 6.6
 100 2.2 1.5 4.5



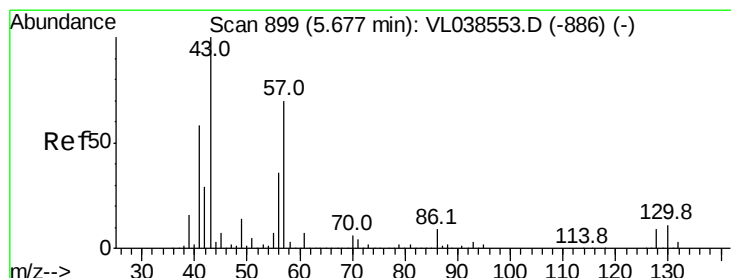
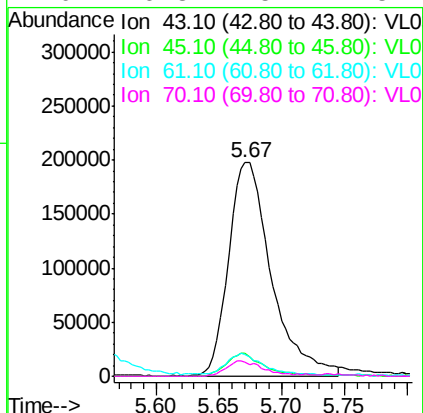
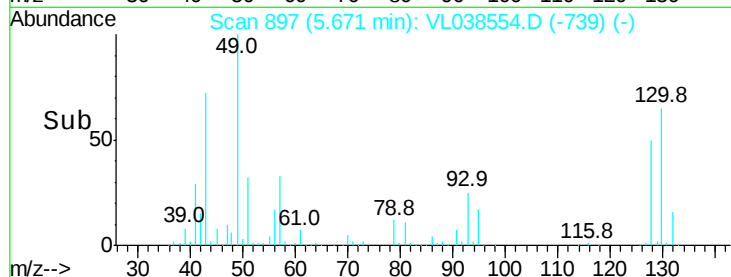
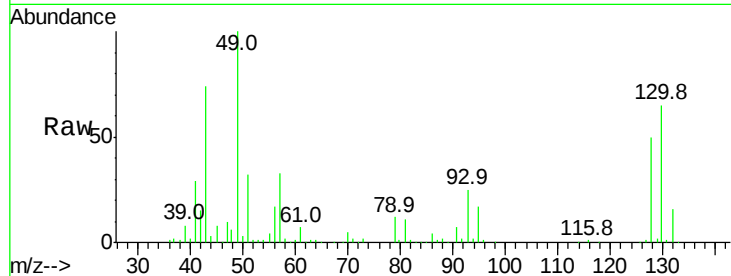


#25
Ethyl Acetate
Concen: 2.23 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion: 43
Ion Ratio: 100
45 10.
61 10.
70 6.8 5.4 8.2

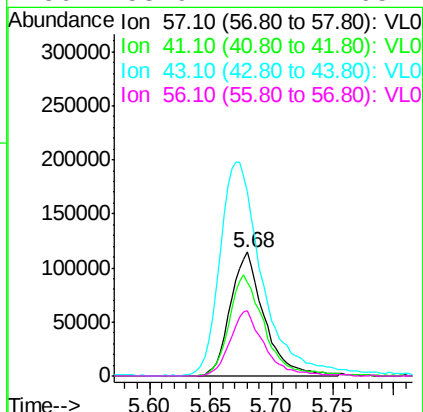
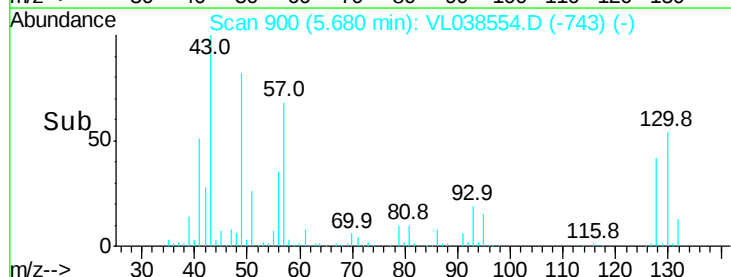
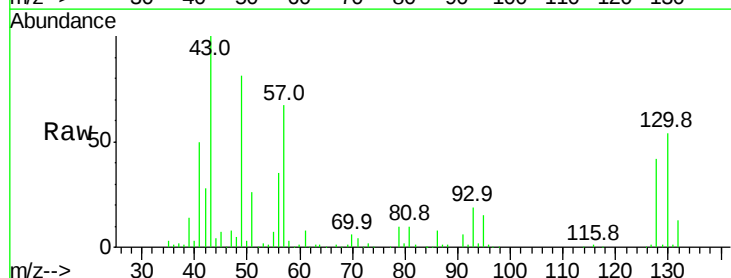
Manual Integrations
APPROVED

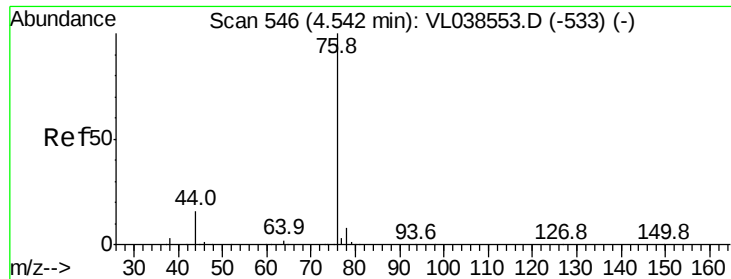
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 2.34 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 57 Resp: 221111
Ion Ratio Lower Upper
57 100
41 86.1 67.8 101.6
43 219.5 173.6 260.4
56 53.9 42.2 63.2



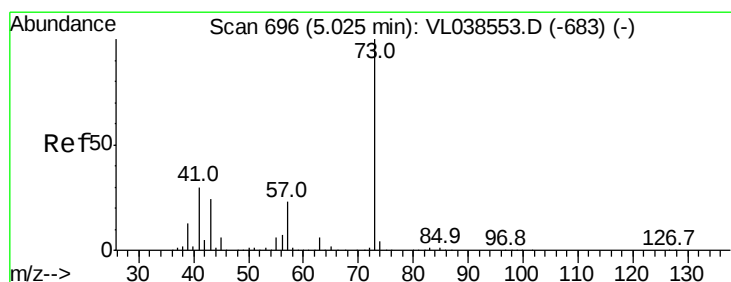
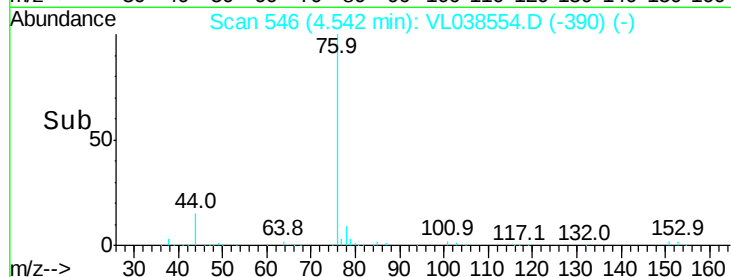
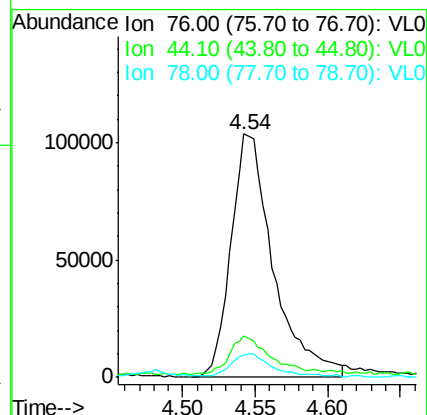
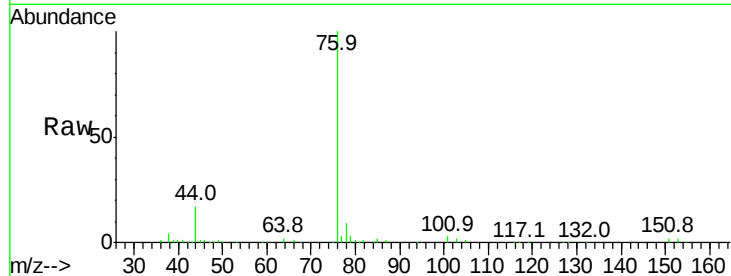


#27
Carbon Disulfide
Concen: 1.99 ppbv
RT: 4.54
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion:
Ion Ratio
76 100
44 17.
78 10.

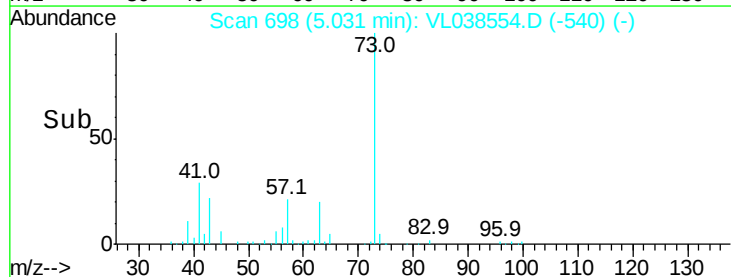
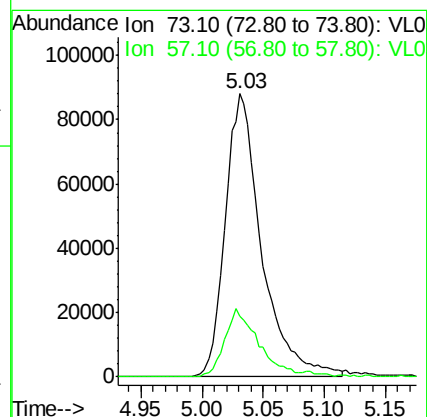
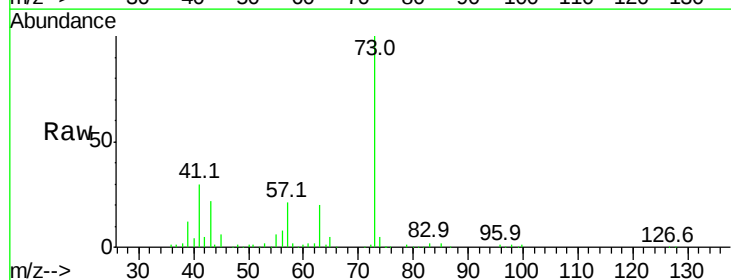
Manual Integrations
APPROVED

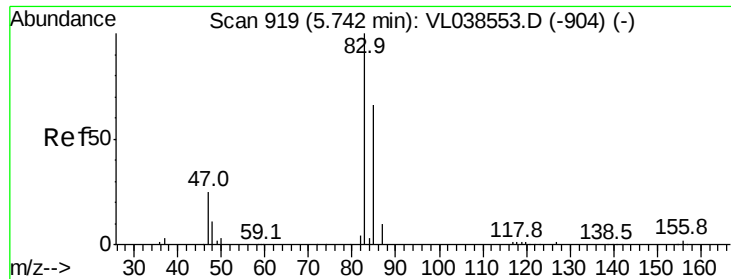
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#28
Methyl tert-Butyl Ether
Concen: 1.91 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 73 Resp: 183827
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2



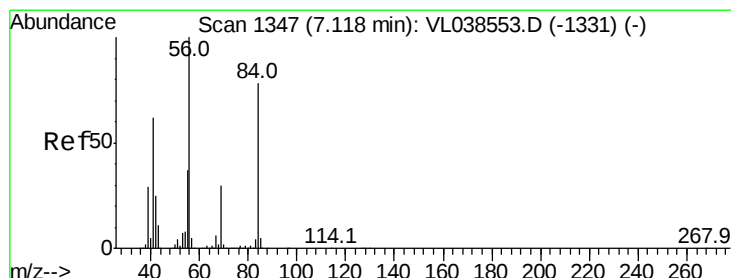
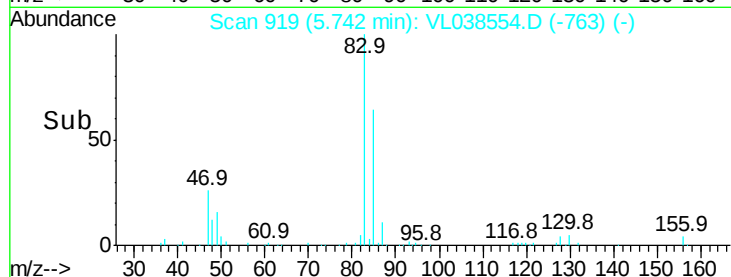
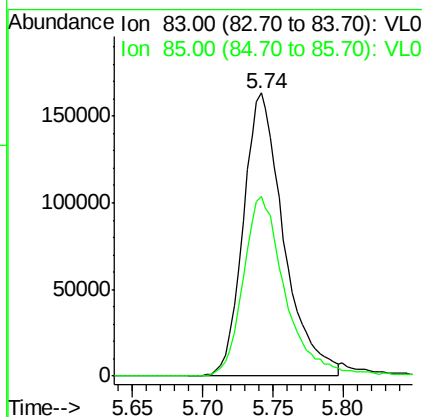
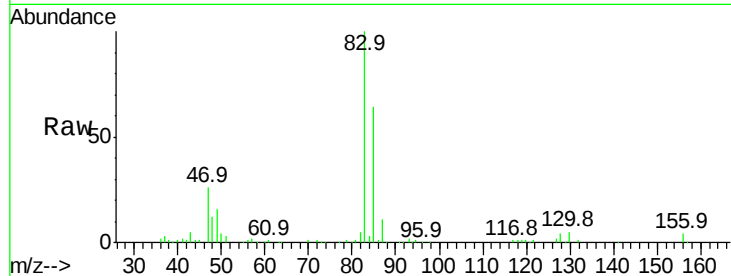


#29
Chloroform
Concen: 2.12 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion:
Ion Ratio
83 100
85 63.

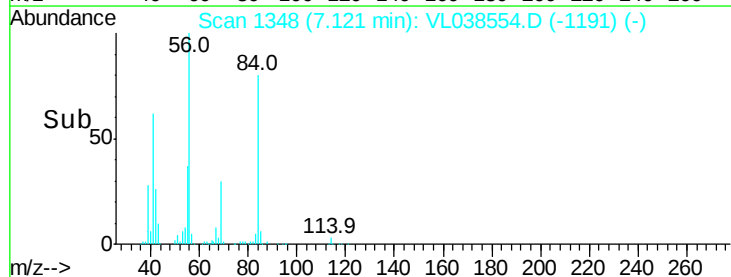
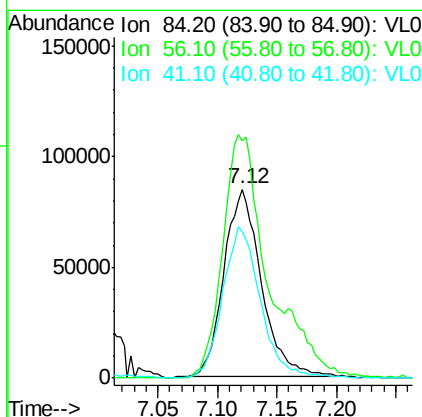
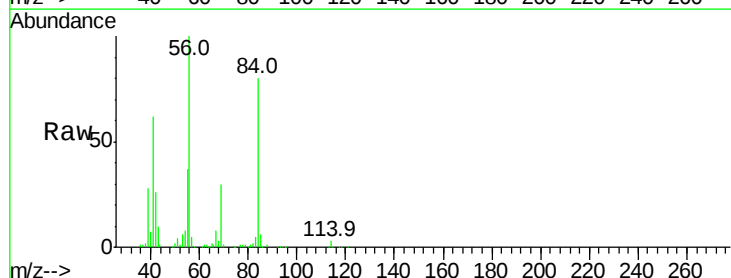
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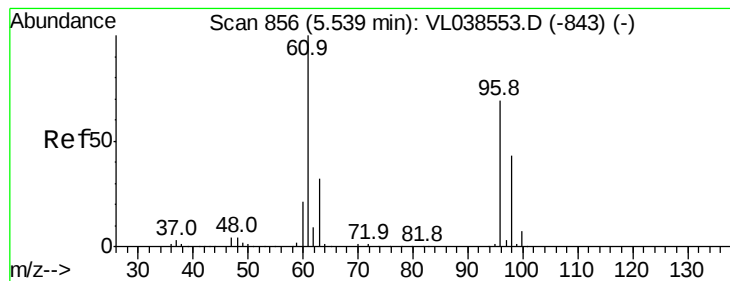
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 2.39 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 84 Resp: 184773
Ion Ratio Lower Upper
84 100
56 159.9 111.4 167.0
41 82.1 65.5 98.3





#31

cis-1,2-Dichloroethene

Concen: 2.19 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:

Ion Ratio

61 100

96 71.

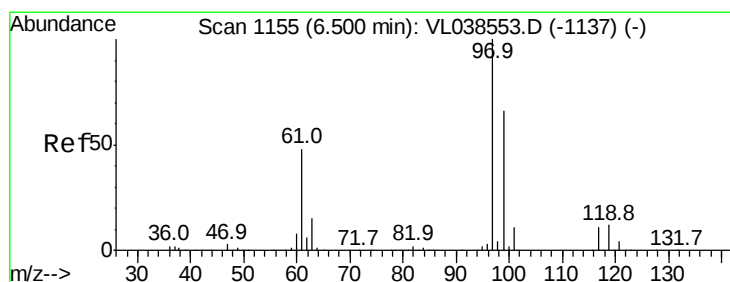
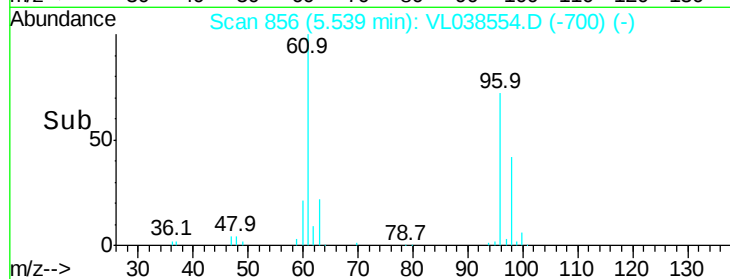
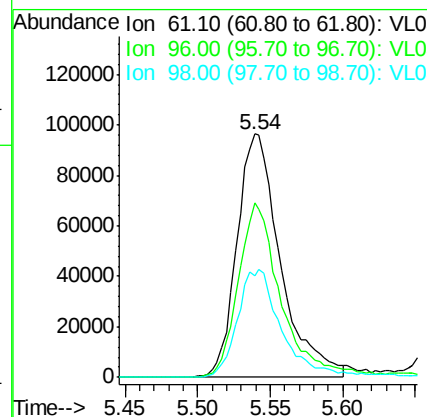
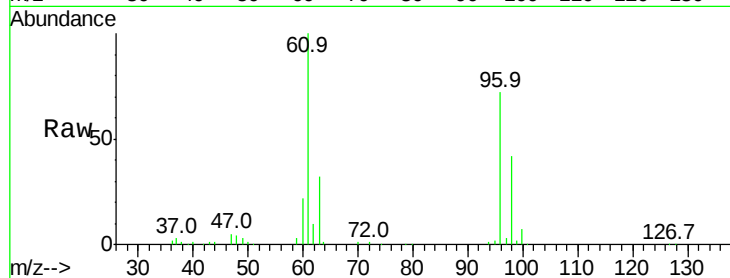
98 41.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 2.02 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

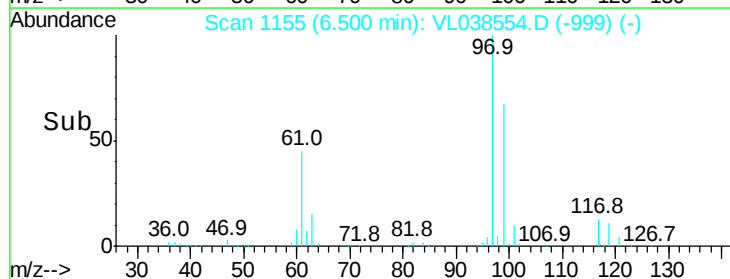
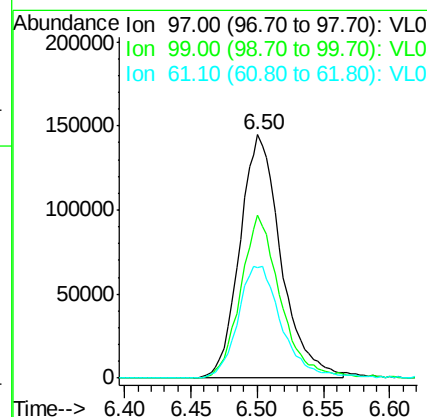
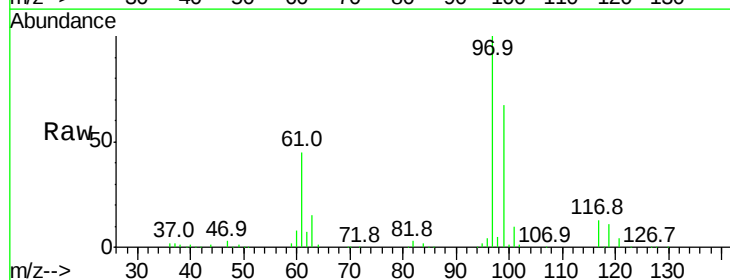
Tgt Ion: 97 Resp: 313138

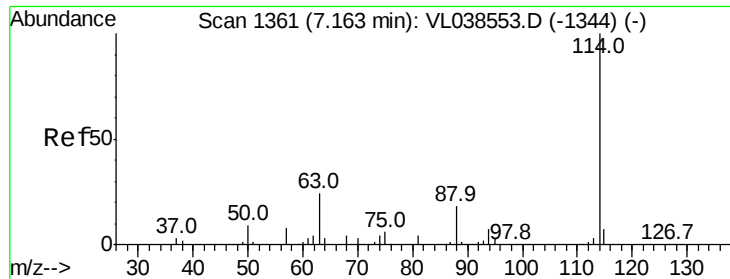
Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

61 48.8 37.7 56.5



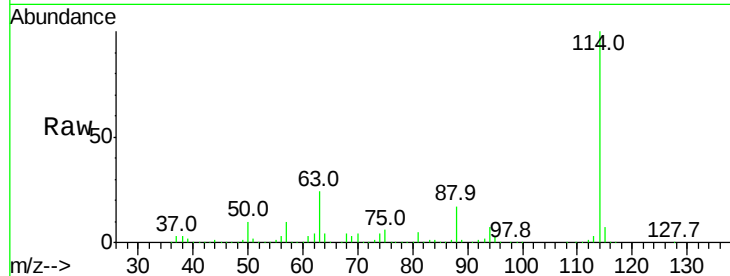


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

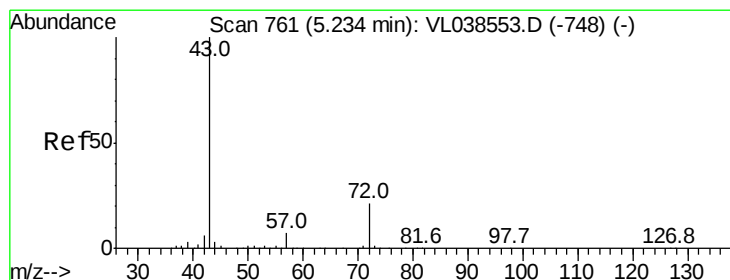
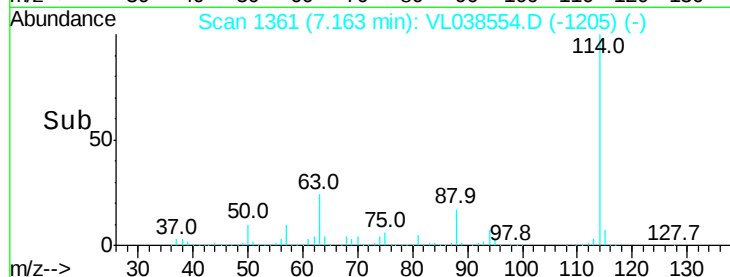
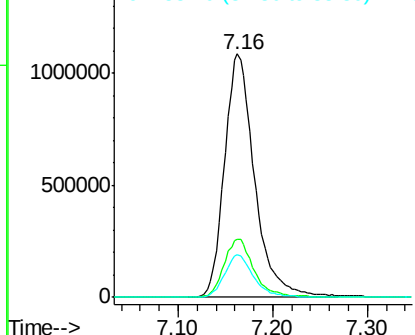
Tgt Ion: 1
 Ion Ratio
 114 100
 63 24.
 88 17.

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

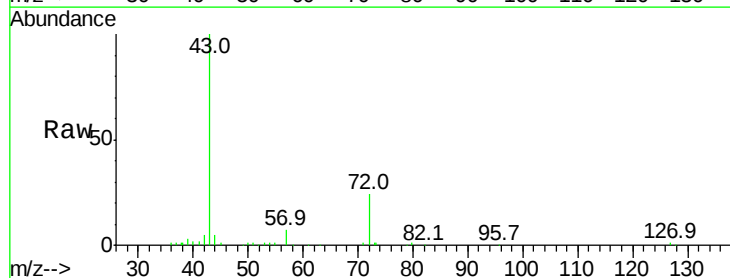


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

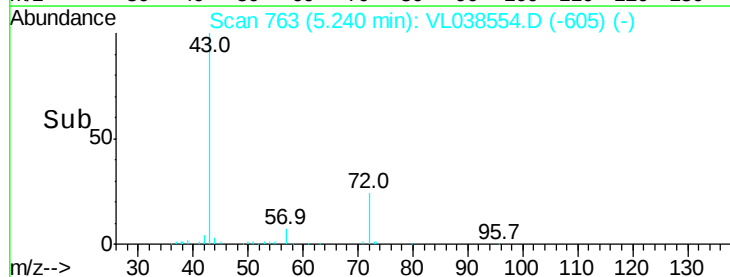
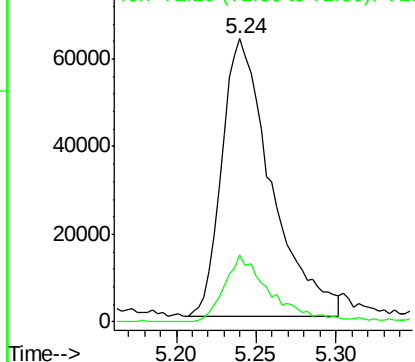


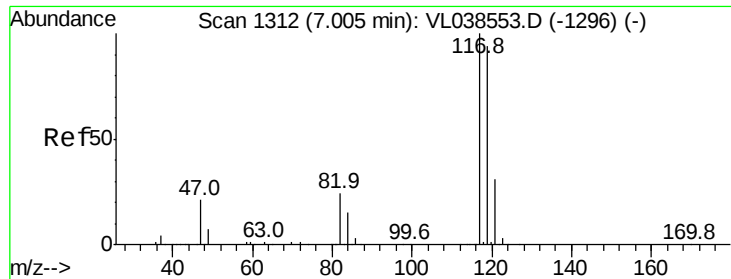
#34
 2-Butanone
 Concen: 1.77 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 43 Resp: 133794
 Ion Ratio Lower Upper
 43 100
 72 23.6 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



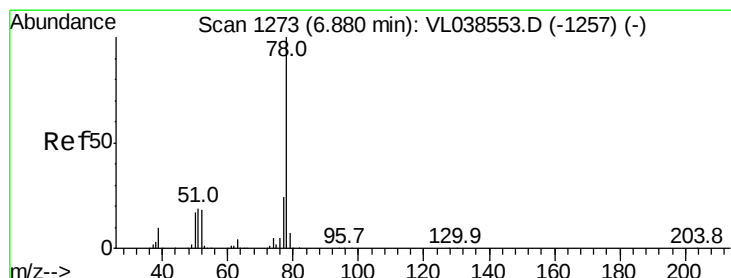
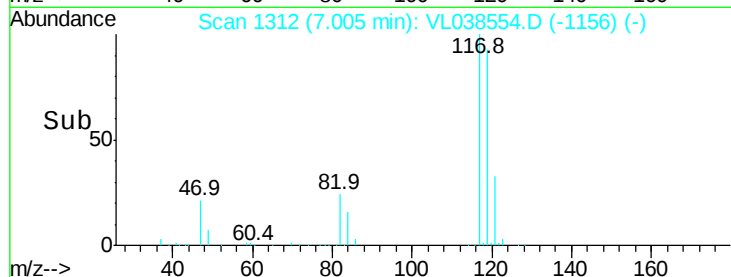
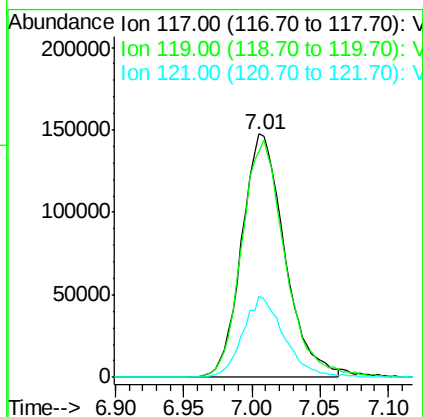
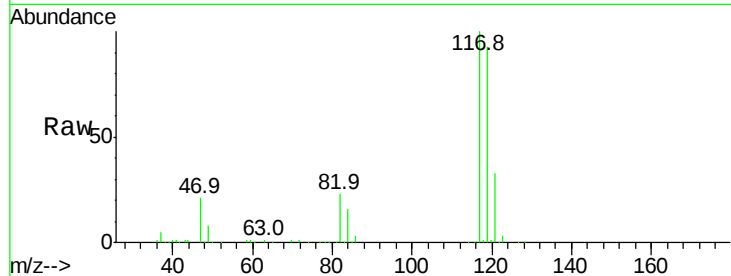


#35
Carbon Tetrachloride
Concen: 1.91 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 8 Mar 2022 11:49

Tgt Ion: 1
Ion Ratio
117 100
119 92.
121 33.

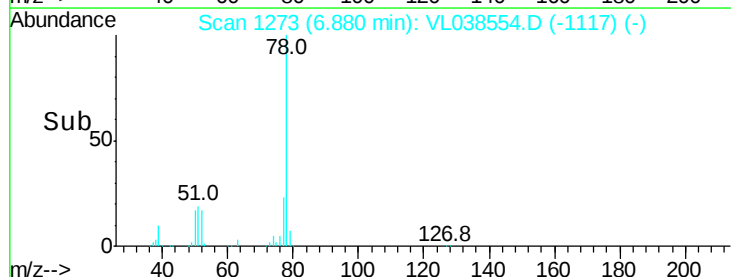
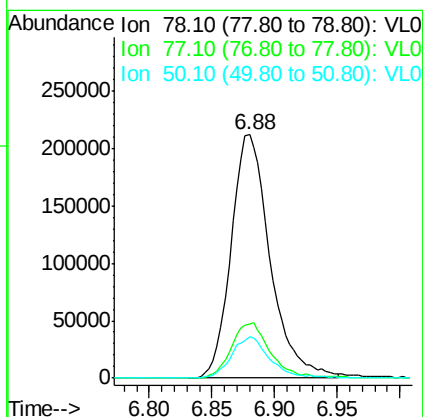
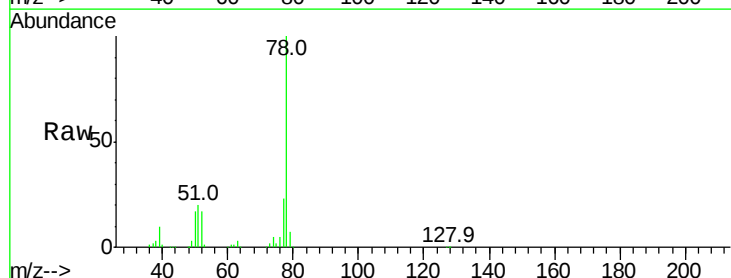
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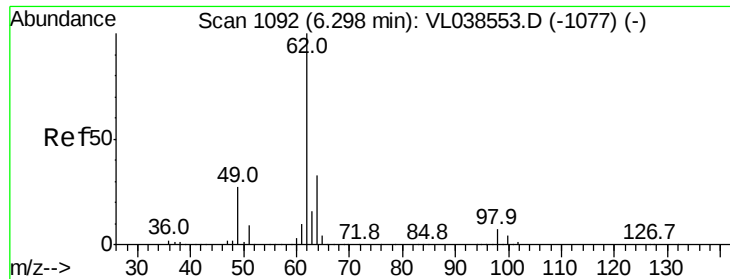
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 2.17 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 78 Resp: 459283
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4
50 17.1 13.9 20.9



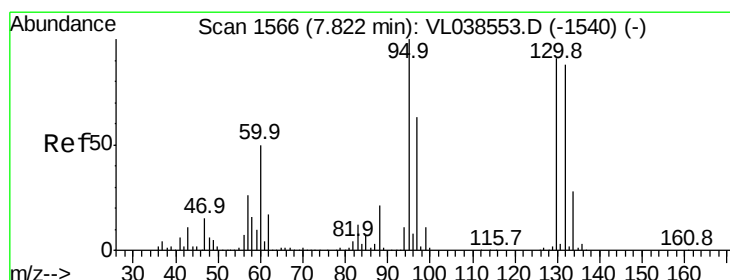
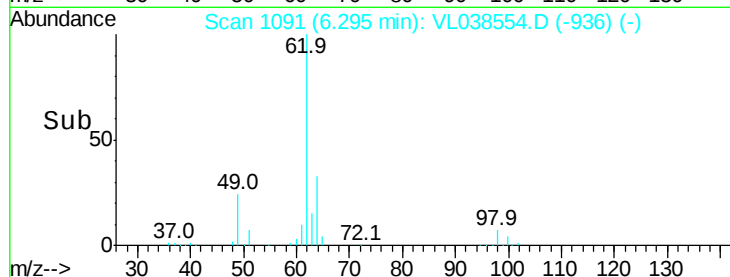
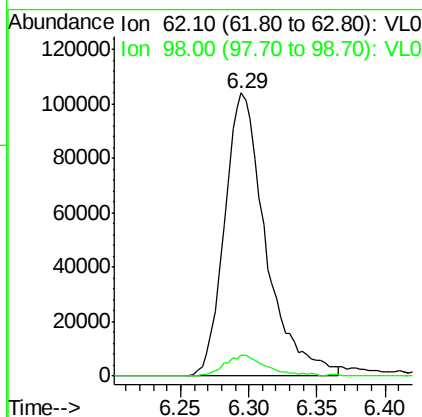
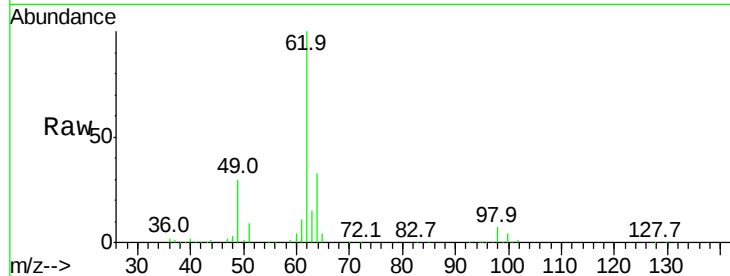


#37
 1,2-Dichloroethane
 Concen: 1.79 ppbv
 RT: 6.29
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

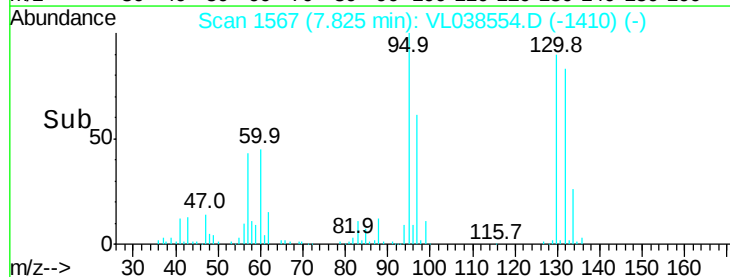
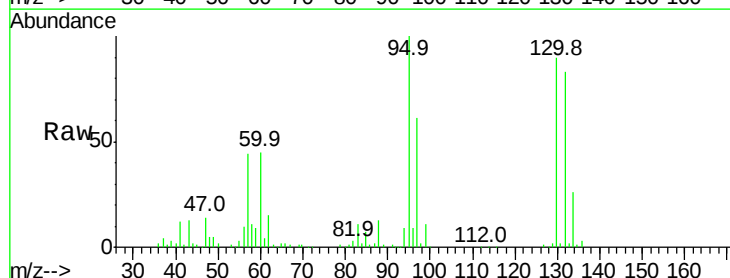
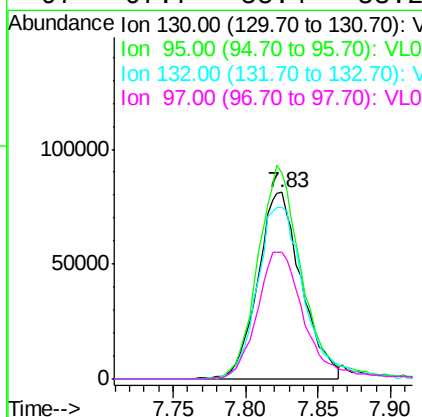
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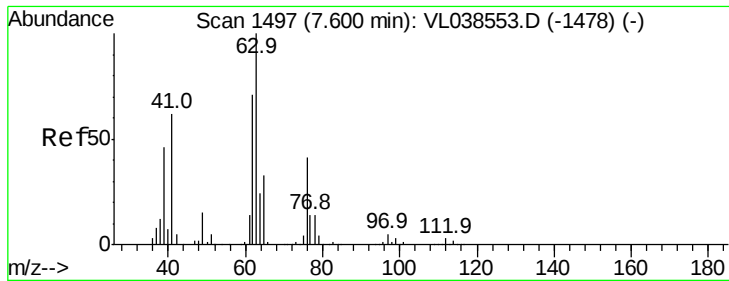
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 2.20 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T.: 0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion:130 Resp: 169767
 Ion Ratio Lower Upper
 130 100
 95 110.5 87.8 131.8
 132 92.0 77.5 116.3
 97 67.7 55.4 83.2



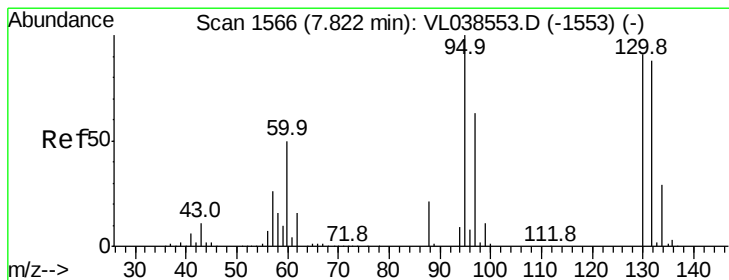
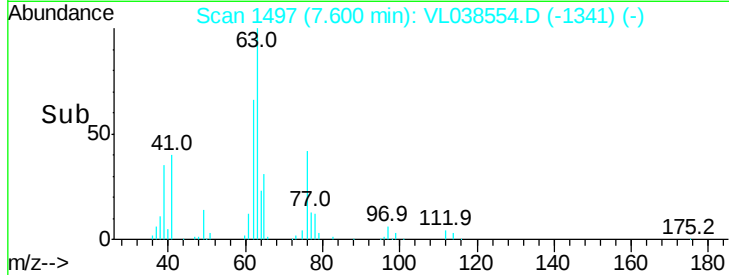
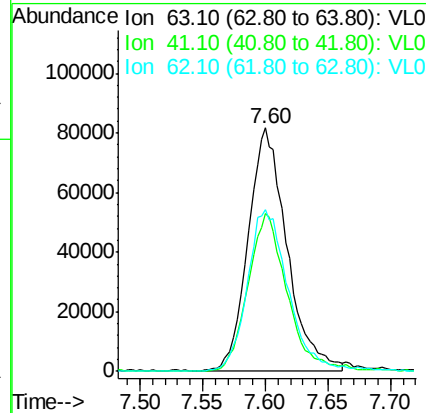
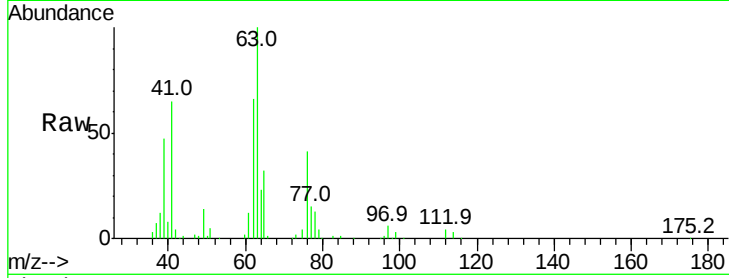


#39
 1,2-Dichloropropane
 Concen: 2.09 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 63 100
 41 64.
 62 66.

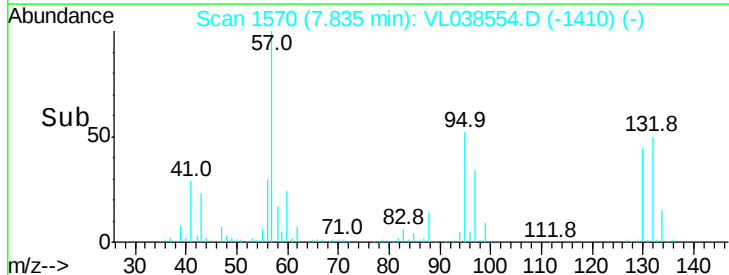
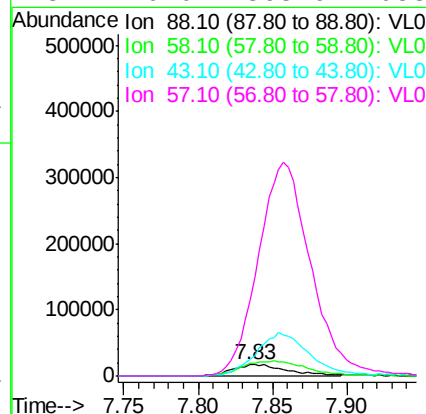
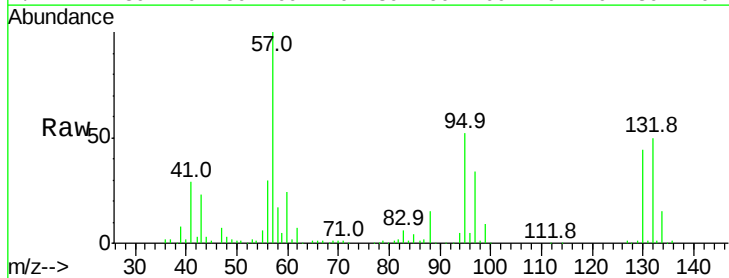
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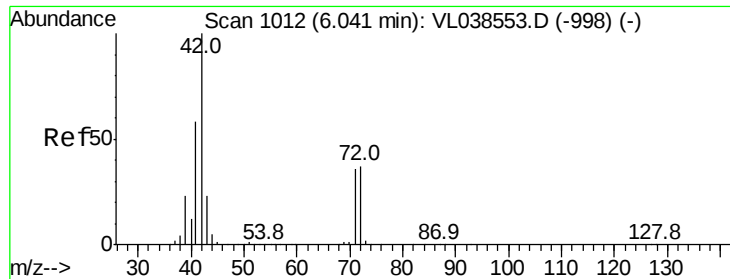
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 2.20 ppbv m
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 88 Resp: 43926
 Ion Ratio Lower Upper
 88 100
 58 0.0 126.7 190.1#
 43 0.0 303.0 454.6#
 57 0.0 1368.6 2053.0#



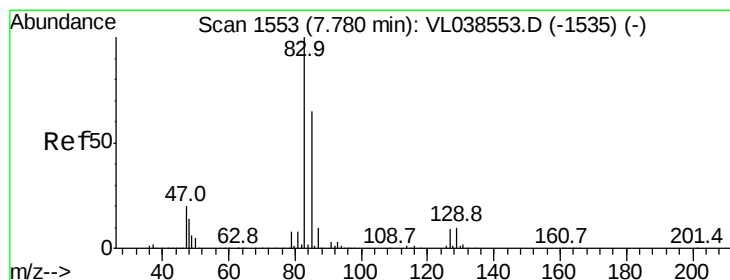
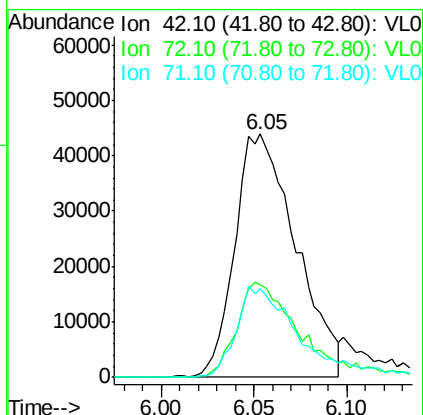
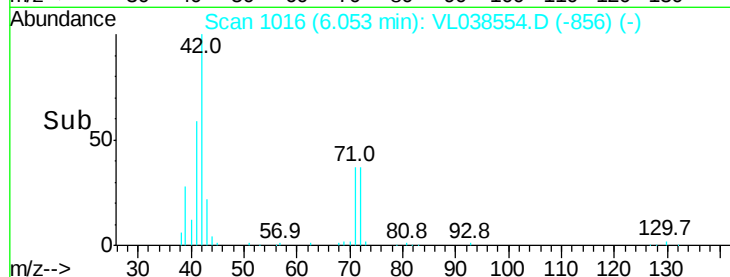
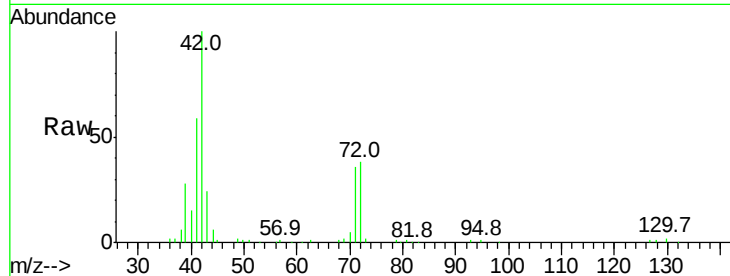


#41
Tetrahydrofuran
Concen: 1.95 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion:
Ion Ratio
42 100
72 42.
71 39.

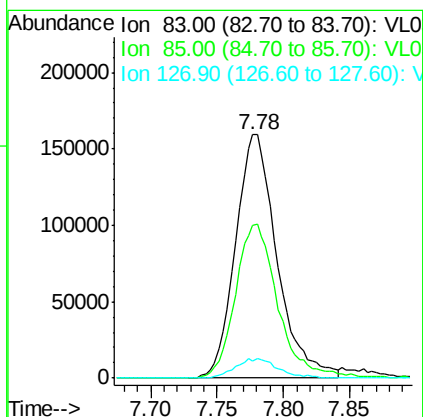
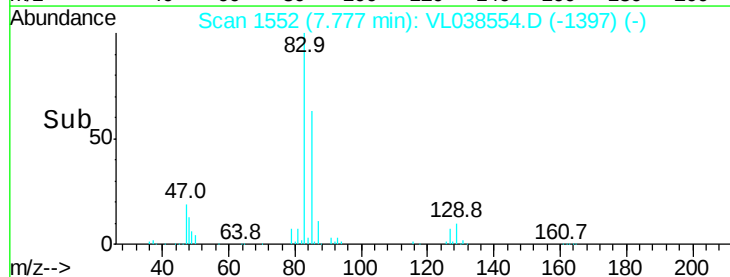
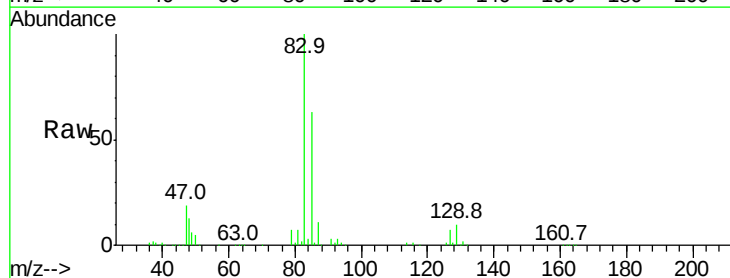
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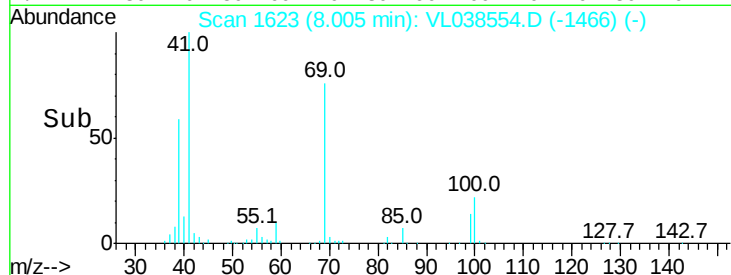
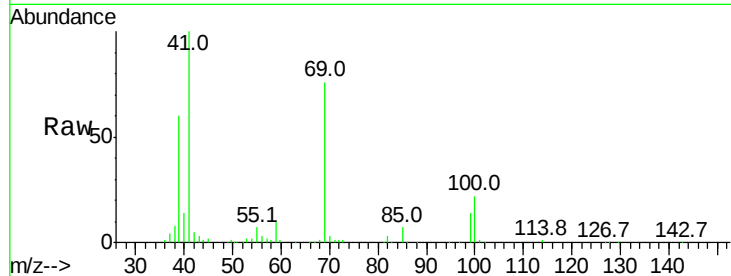
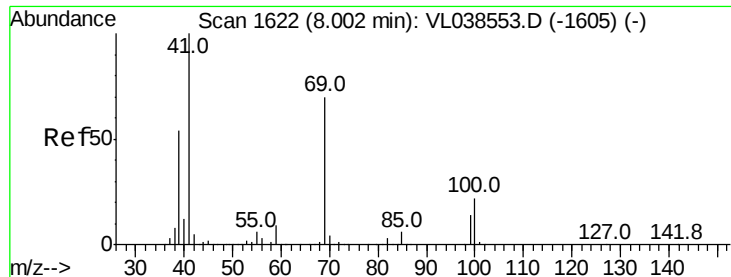
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 1.97 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 83 Resp: 347442
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5
127 7.2 6.9 10.3





#43

Methyl Methacrylate

Concen: 2.13 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDIC002

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

69 100

41 144.

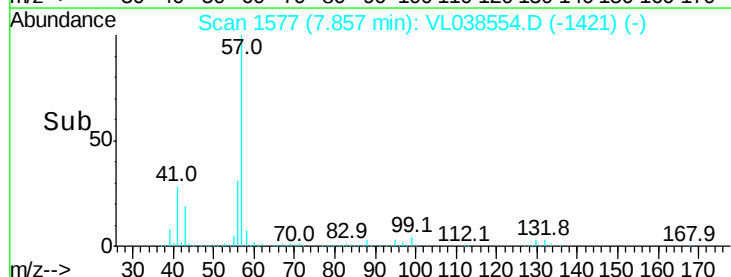
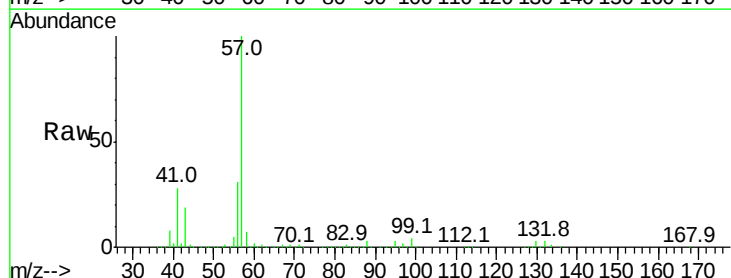
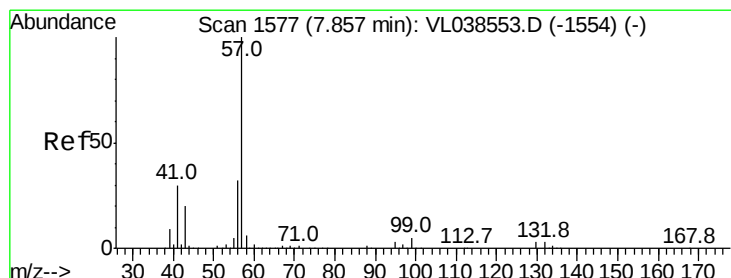
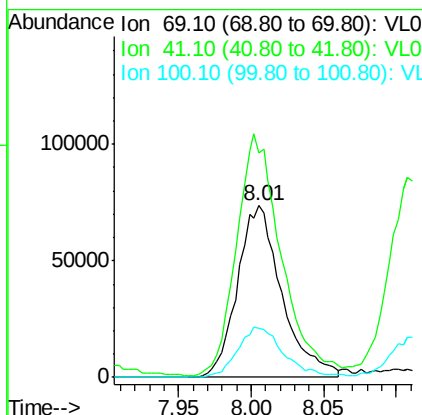
100 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#44

2,2,4-Trimethylpentane

Concen: 2.19 ppbv

RT: 7.86 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

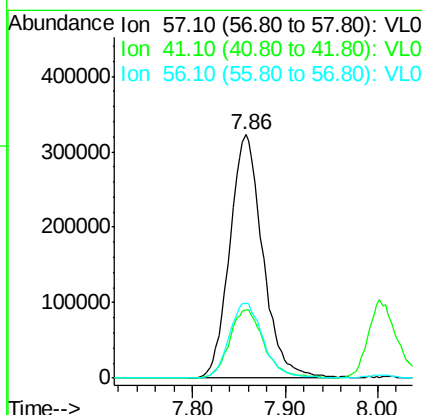
Tgt Ion: 57 Resp: 797057

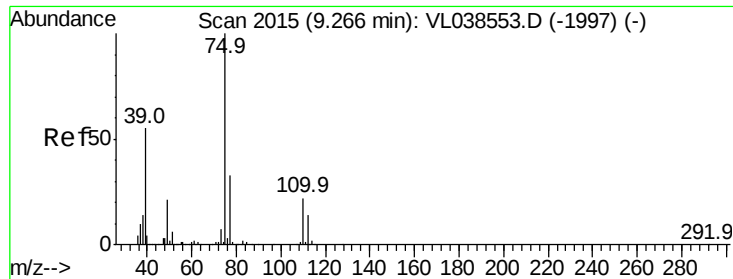
Ion Ratio Lower Upper

57 100

41 29.2 24.0 36.0

56 31.7 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 1.84 ppbv

RT: 9.26

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

75 100

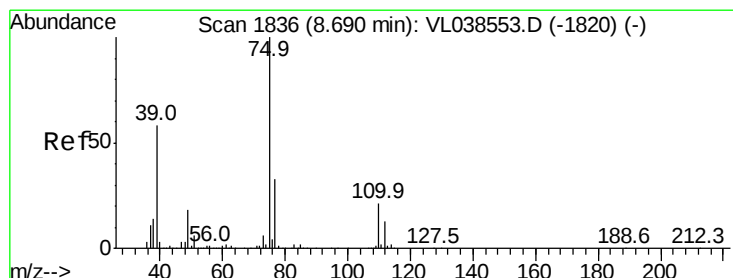
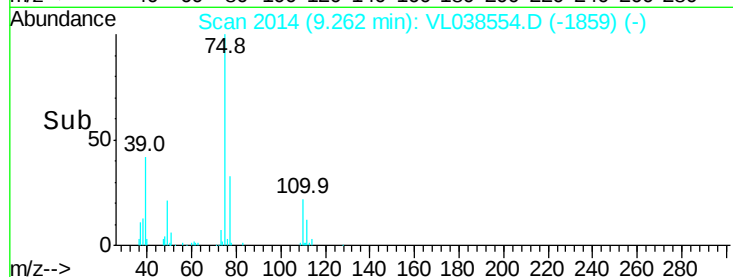
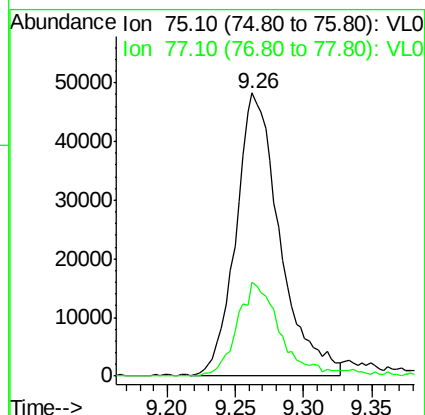
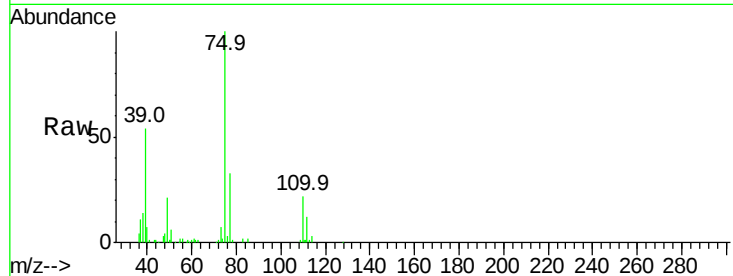
77 33.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 1.93 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

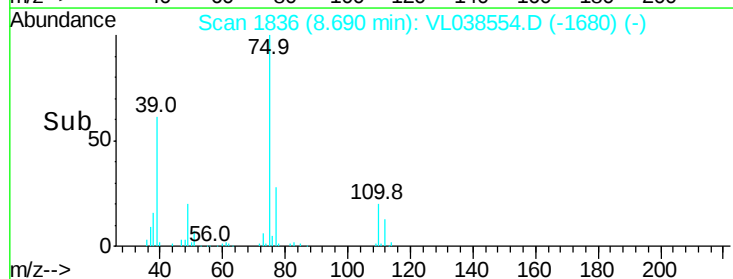
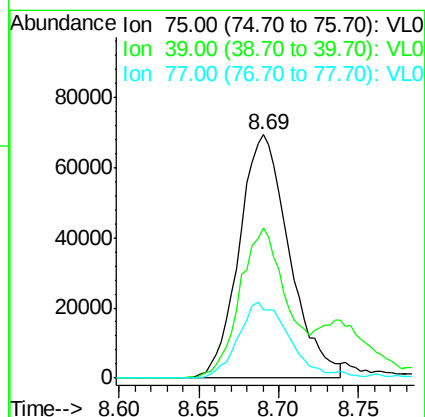
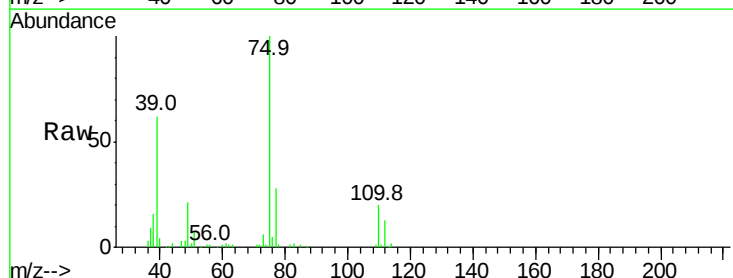
Tgt Ion: 75 Resp: 148808

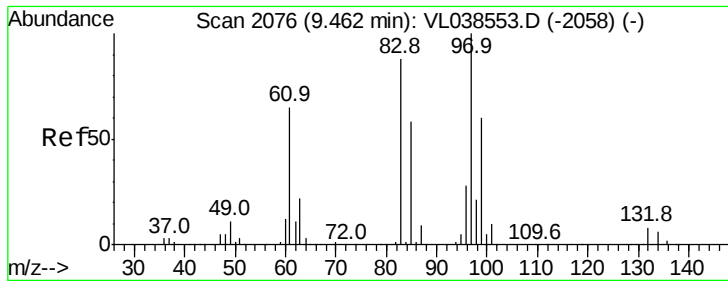
Ion Ratio Lower Upper

75 100

39 61.3 46.2 69.2

77 28.2 26.2 39.2



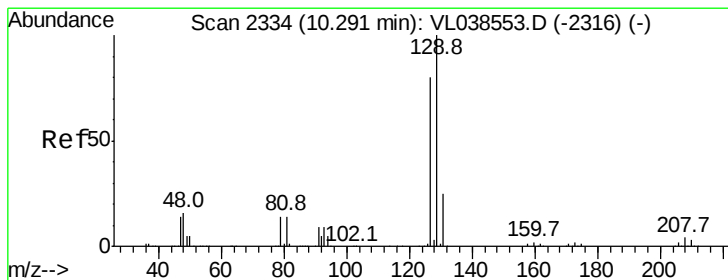
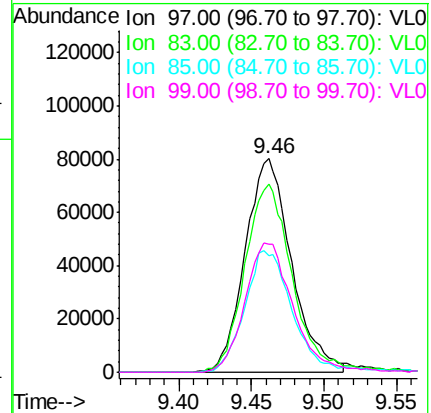
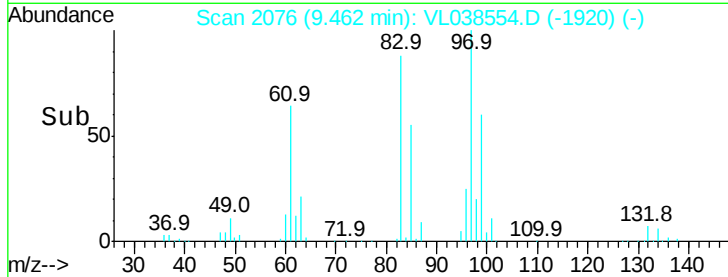
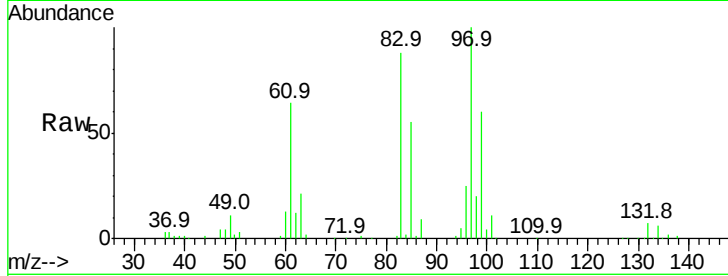


#47
 1,1,2-Trichloroethane
 Concen: 2.13 ppbv
 RT: 9.46
 Delta R.T.:
 Lab File: MSVOA_1
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 97 100
 83 88.
 85 54.
 99 60.0 48.1 72.1

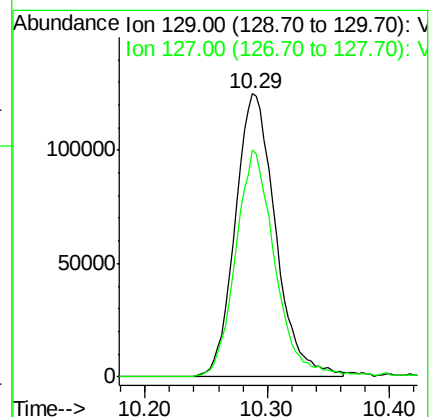
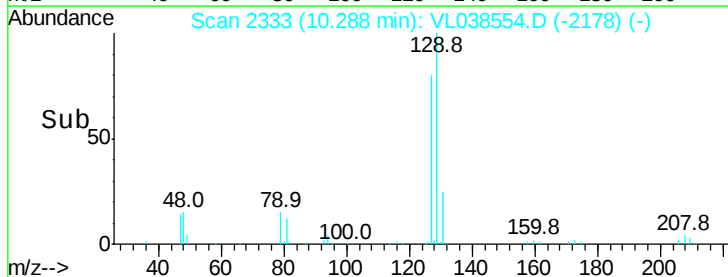
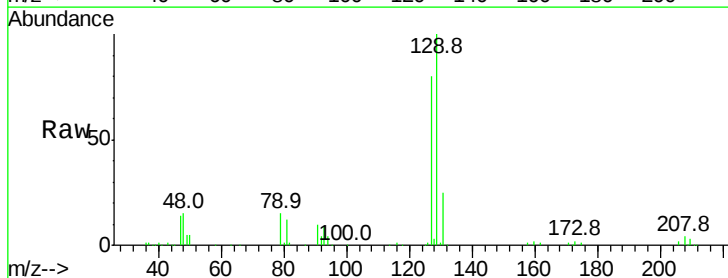
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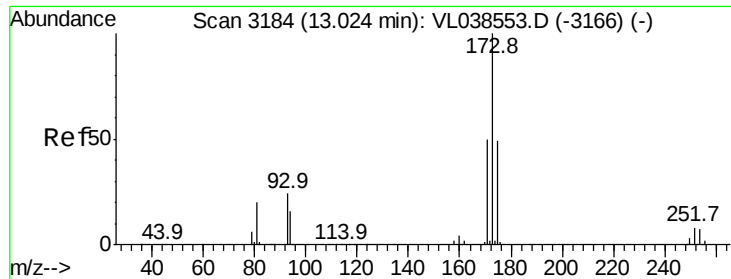
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#48
 Dibromochloromethane
 Concen: 2.09 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T.: -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion:129 Resp: 286380
 Ion Ratio Lower Upper
 129 100
 127 78.2 39.5 118.3





#49

Bromoform

Concen: 2.16 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49

Tgt Ion:1

Ion Rati

173 100

175 50.

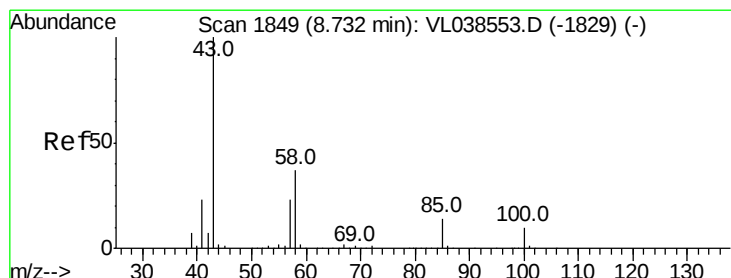
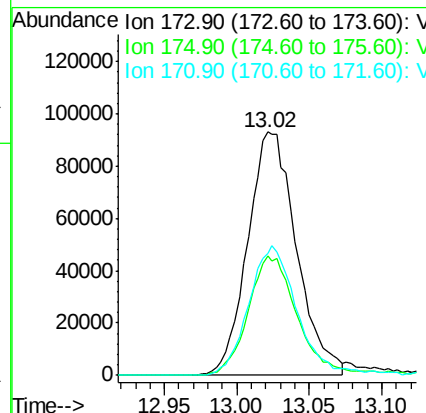
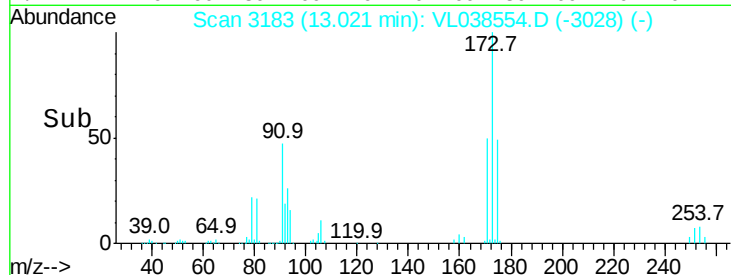
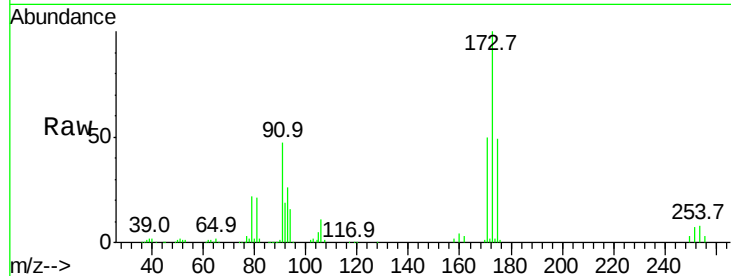
171 54.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 2.06 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.01 min

Lab File: VL038554.D

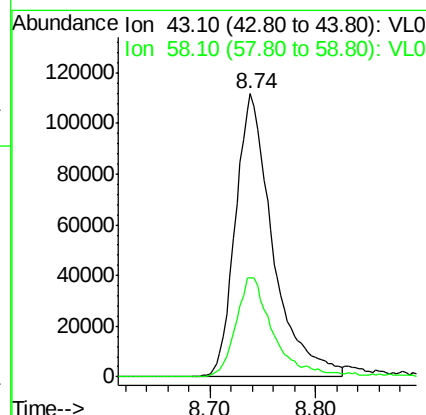
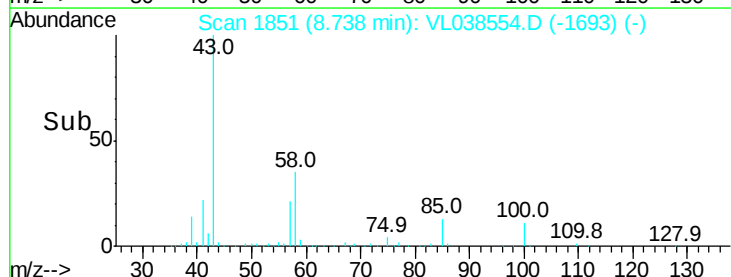
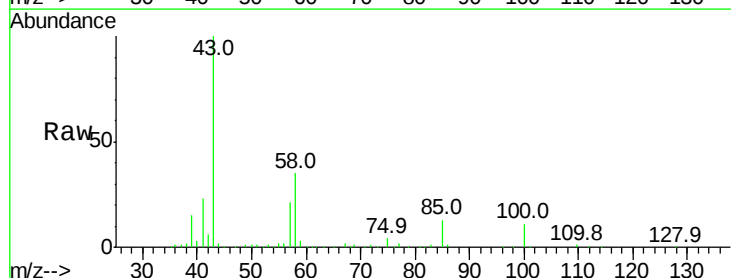
Acq: 8 Mar 2022 11:49

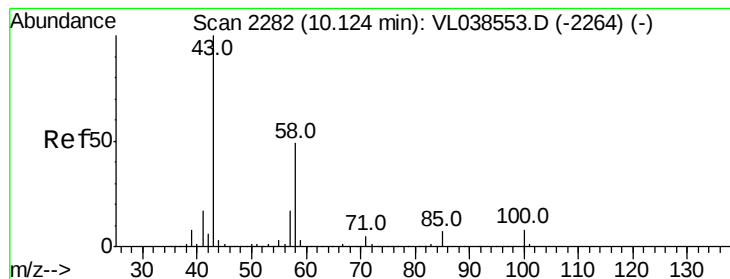
Tgt Ion: 43 Resp: 274978

Ion Ratio Lower Upper

43 100

58 36.3 29.2 43.8





#51

2-Hexanone

Concen: 1.82 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

43 100

58 52.

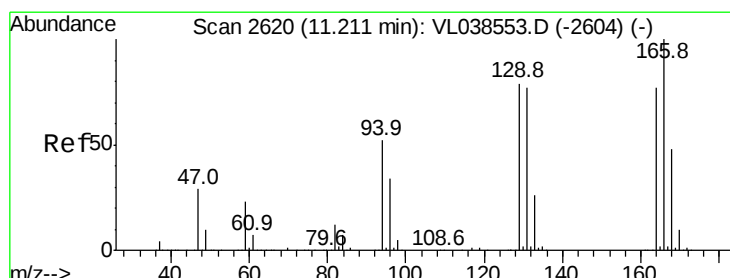
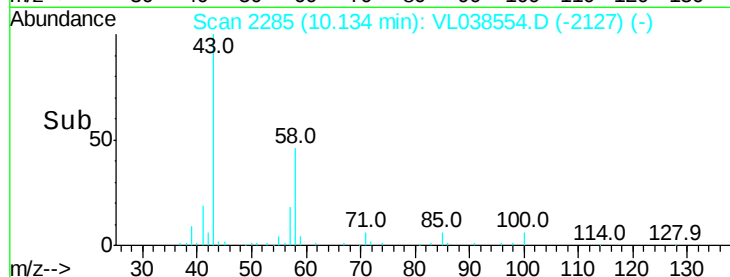
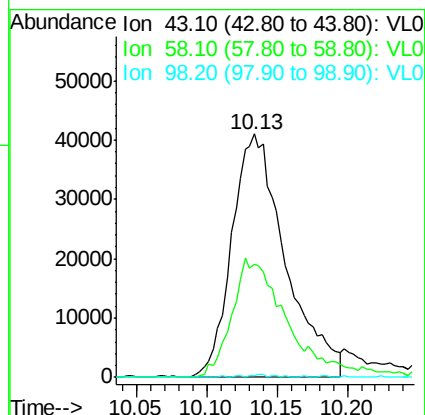
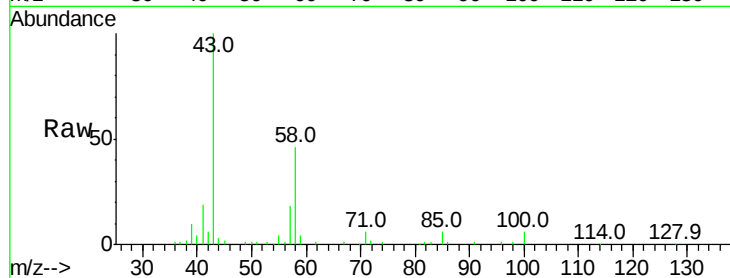
98 0.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#52

Tetrachloroethene

Concen: 2.31 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

Tgt Ion:164 Resp: 162313

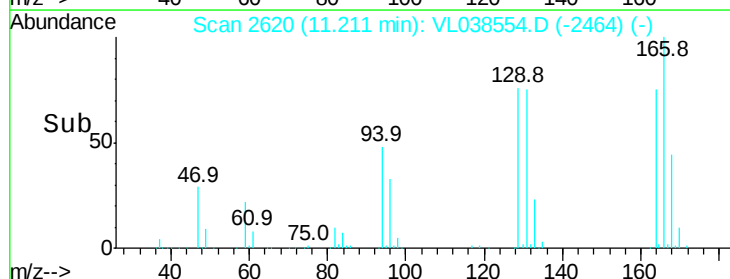
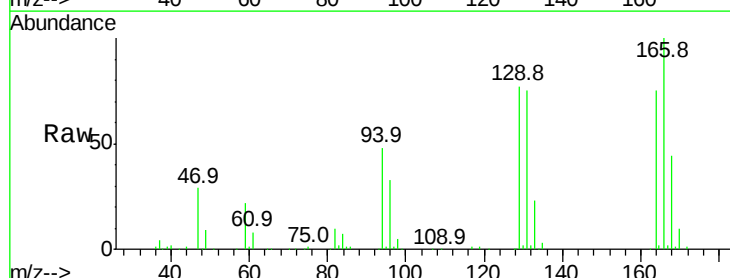
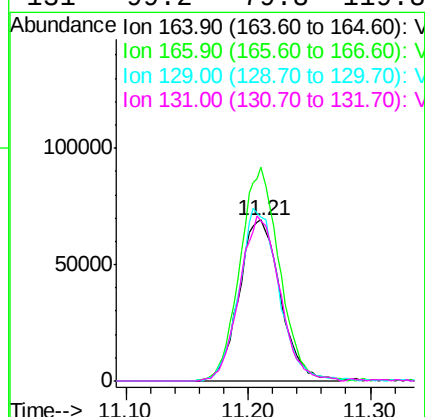
Ion Ratio Lower Upper

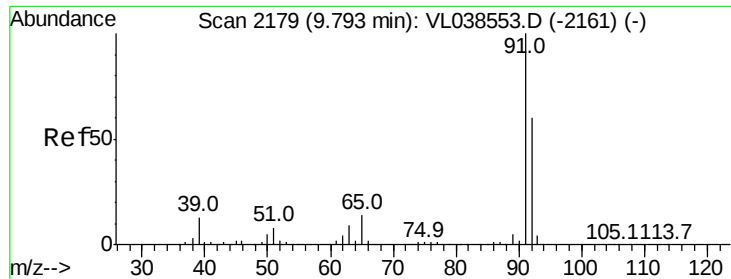
164 100

166 132.3 103.4 155.2

129 101.5 81.3 121.9

131 99.2 79.8 119.8





#53

Toluene

Concen: 2.17 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49

Tgt Ion:

Ion Ratio

91 100

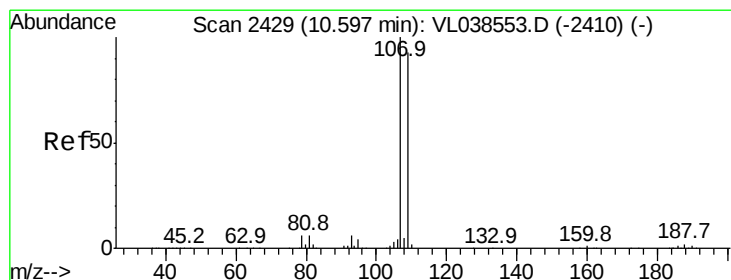
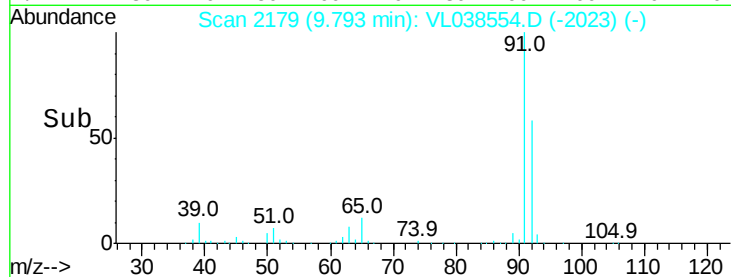
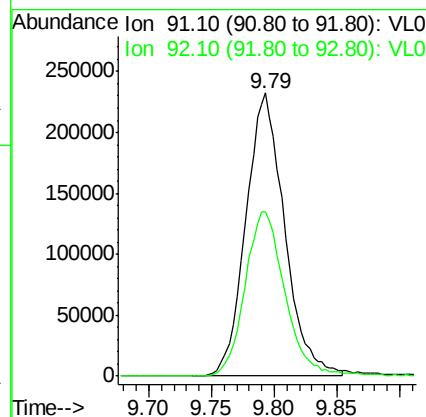
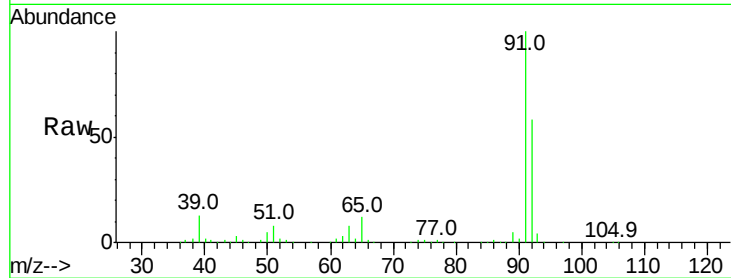
92 60.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 2.06 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VL038554.D

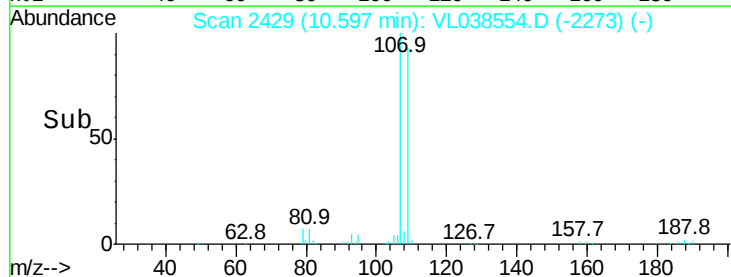
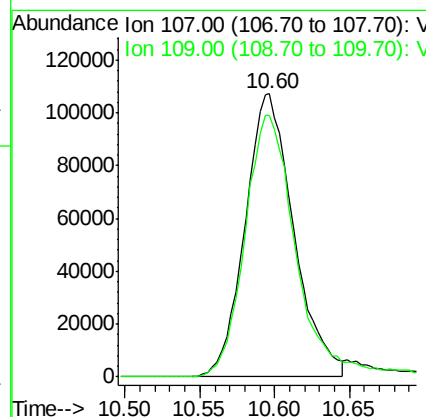
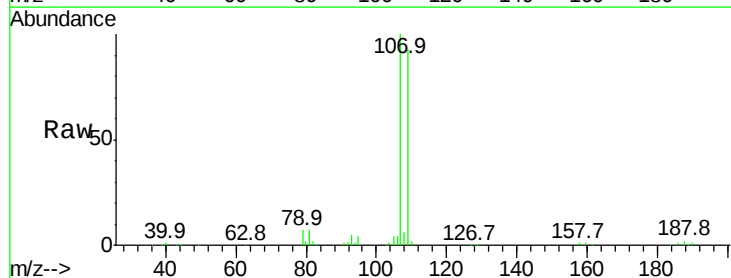
Acq: 8 Mar 2022 11:49

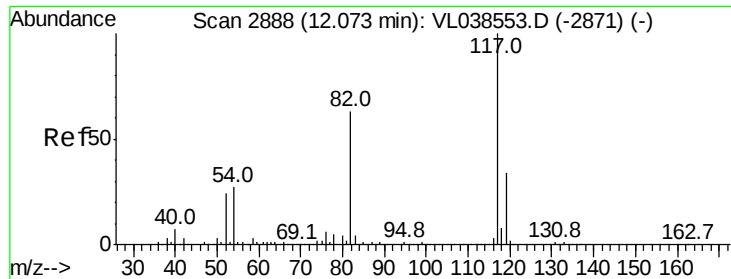
Tgt Ion:107 Resp: 242708

Ion Ratio Lower Upper

107 100

109 92.4 74.6 112.0



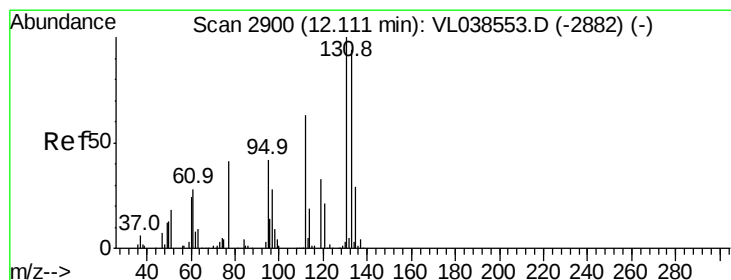
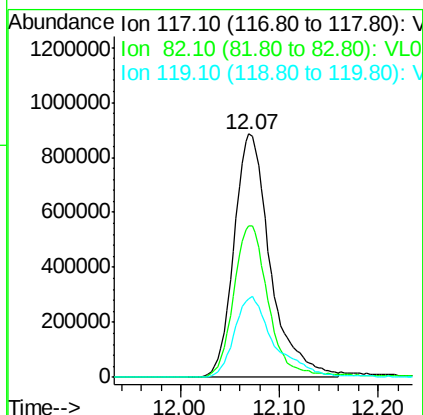
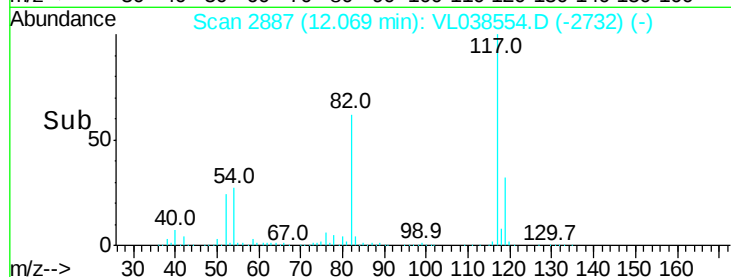
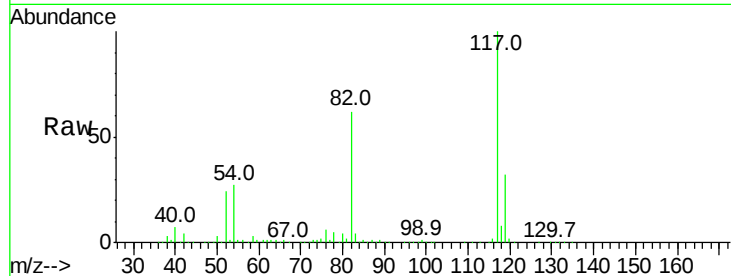


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

Tgt Ion: 117.0
Ion Ratio: 100
117 100
82 61.1
119 36.1

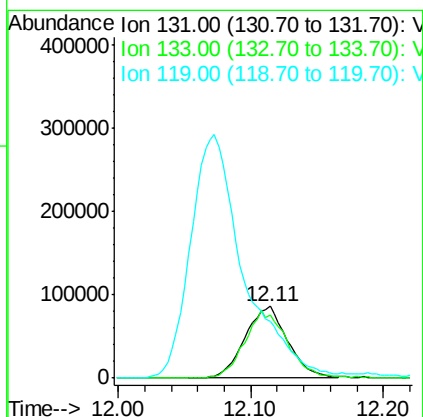
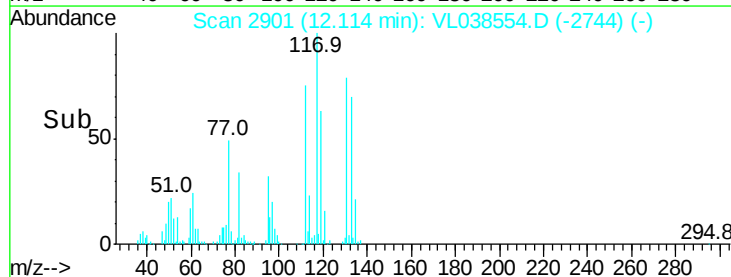
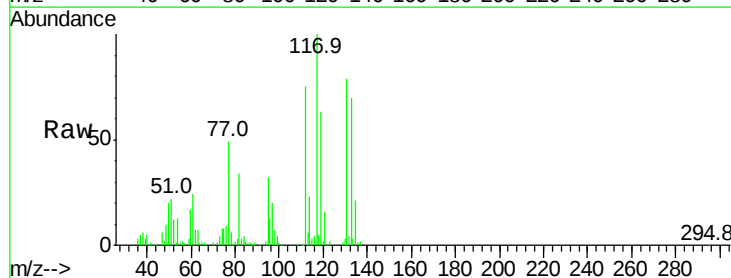
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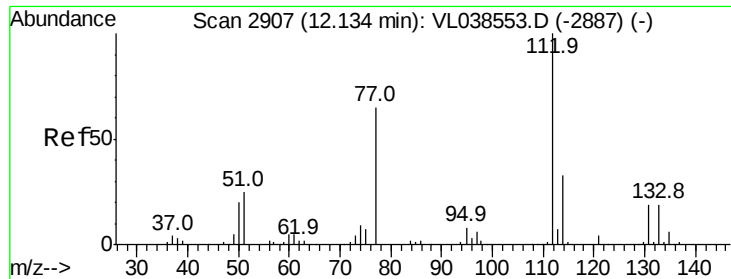
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 2.05 ppbv
RT: 12.11 min Scan# 2901
Delta R.T.: 0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 131.0
Ion Ratio: 100
131 100
133 95.5
119 438.9



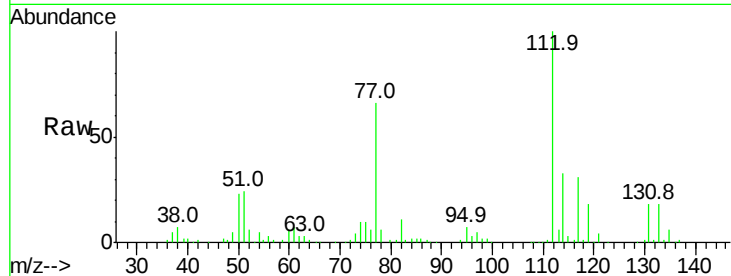


#57
Chlorobenzene
Concen: 2.04 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

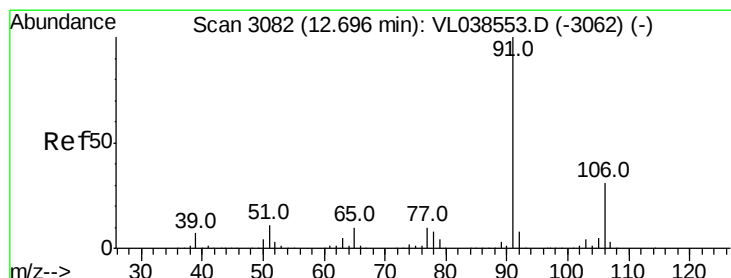
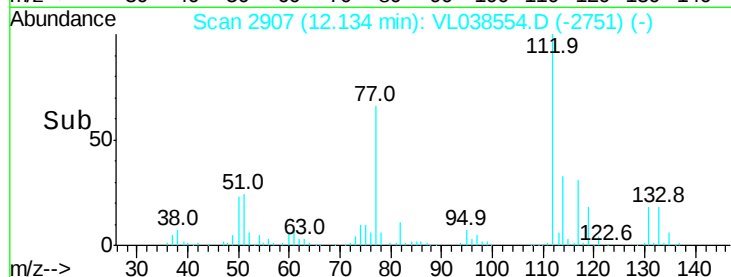
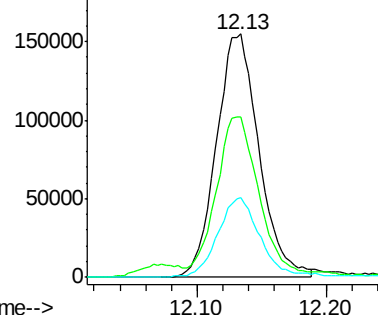
Tgt Ion: 112
Ion Ratio: 100
77 63.1
114 32.1

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Supervised By :Mahesh Dadoda 03/14/2022

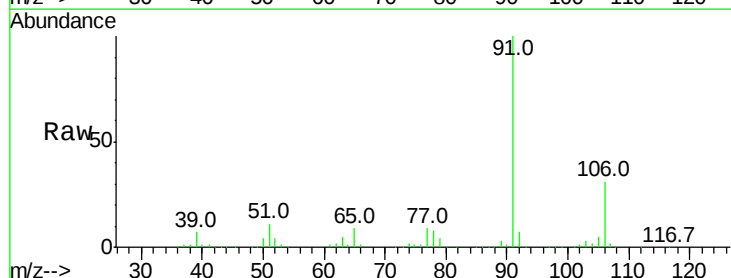


Abundance Ion 112.10 (111.80 to 112.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): VL0

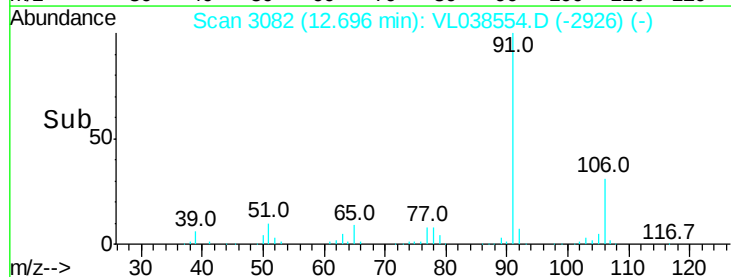
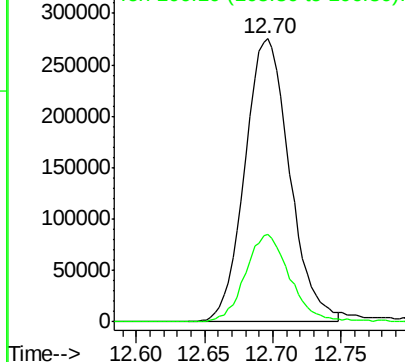


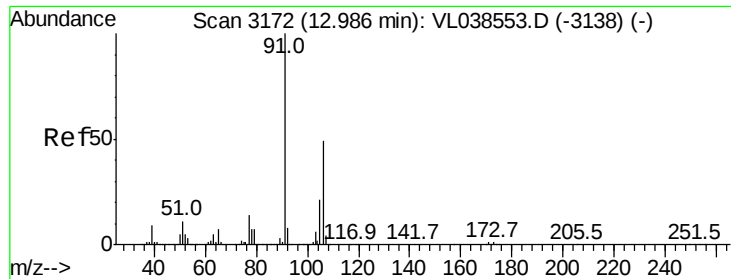
#58
Ethyl Benzene
Concen: 2.03 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 91 Resp: 628273
Ion Ratio Lower Upper
91 100
106 30.9 24.6 37.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): VL0



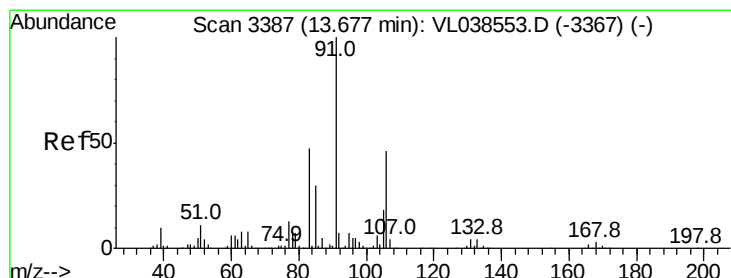
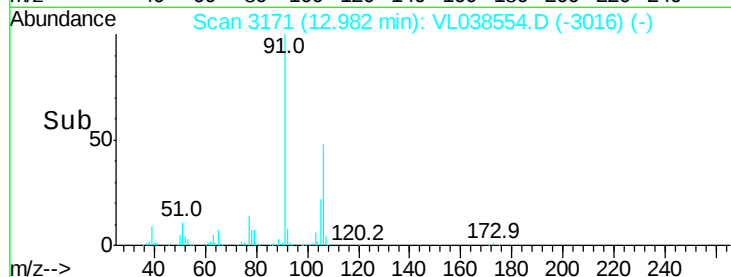
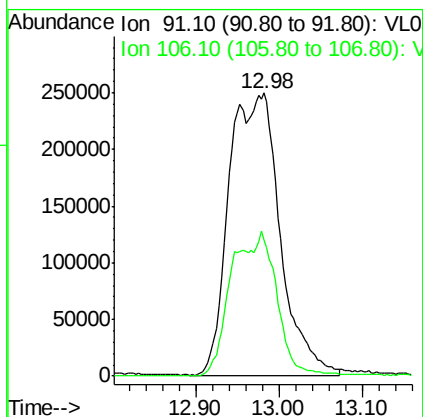
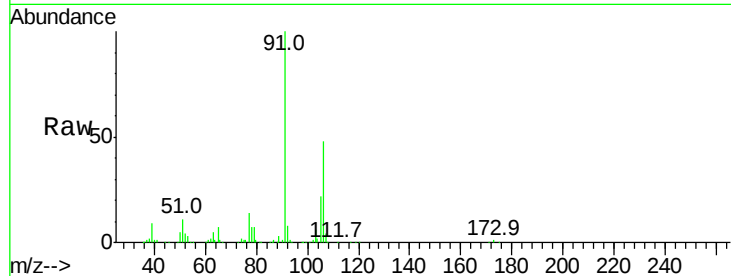


#59
m/p-Xylene
Concen: 4.01 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 11:49

Tgt Ion:
Ion Ratio
91 100
106 45.

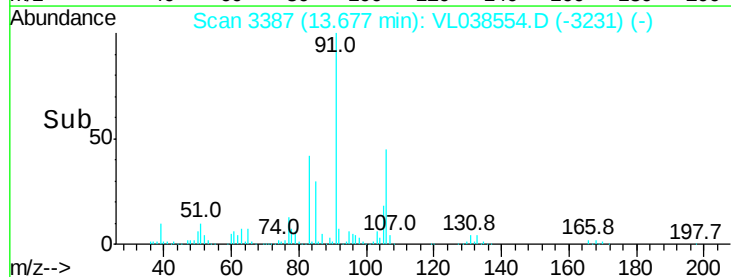
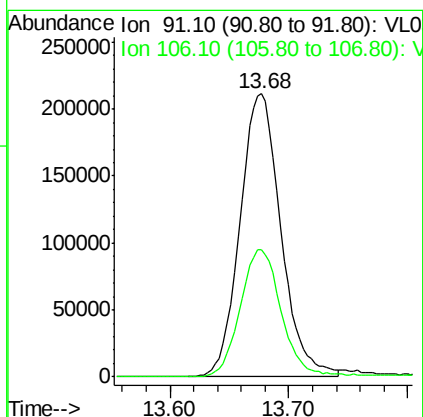
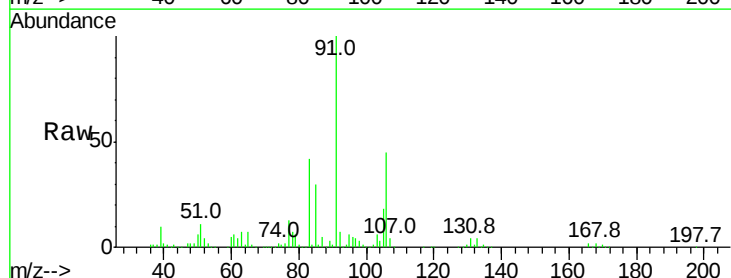
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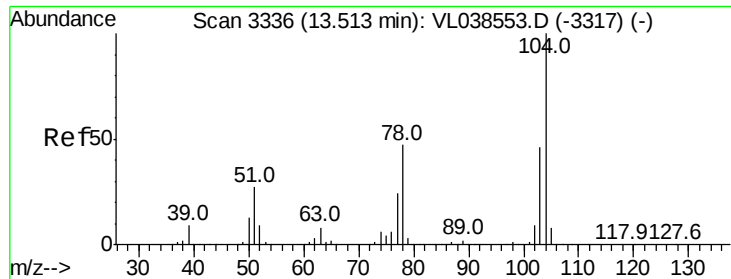
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 2.00 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion: 91 Resp: 501992
Ion Ratio Lower Upper
91 100
106 46.4 23.5 70.6



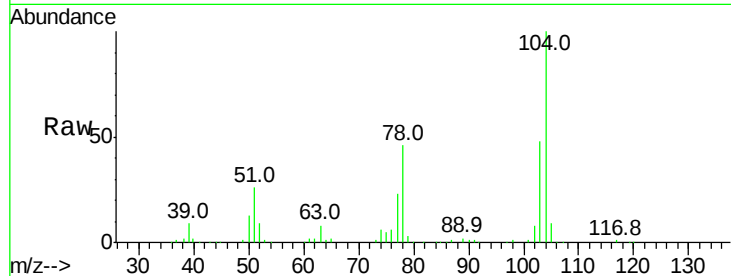


#61
Styrene
Concen: 2.13 ppbv
RT: 13.51 min
Delta R.T.: MSVOA_L
Lab File: ClientSampled :
Acq: 8 Mar 2022 11:49

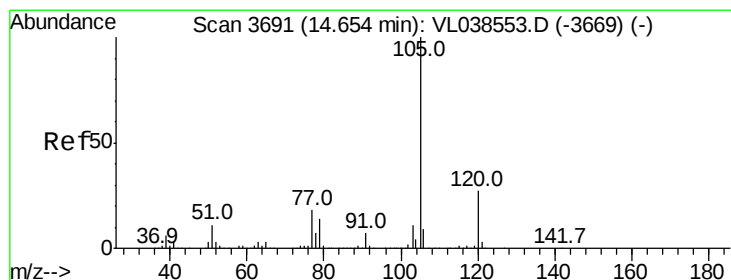
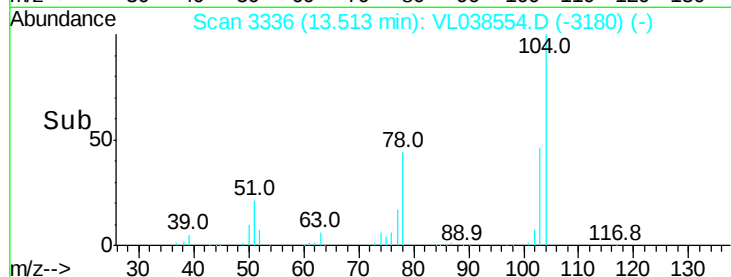
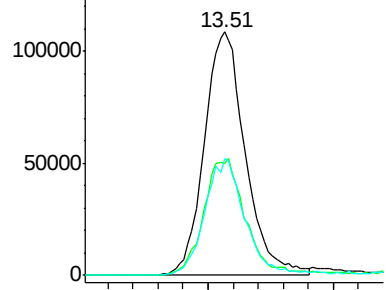
Tgt Ion:1
Ion Rati
104 100
78 49.
103 47.

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

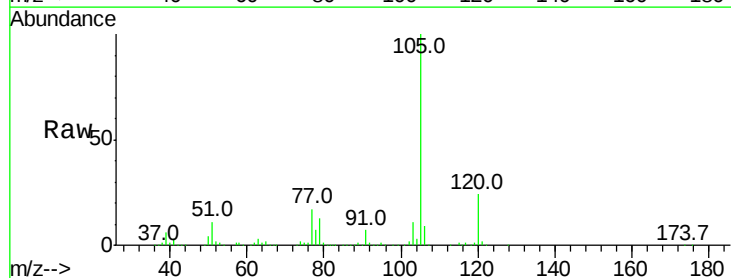


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

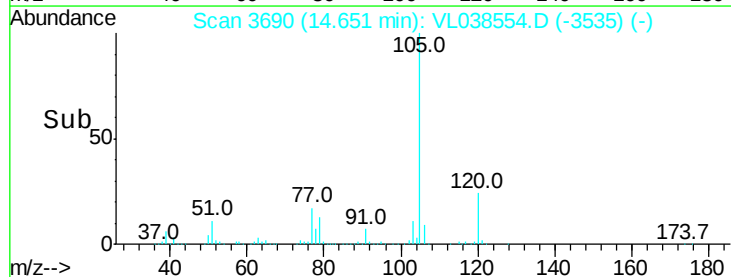
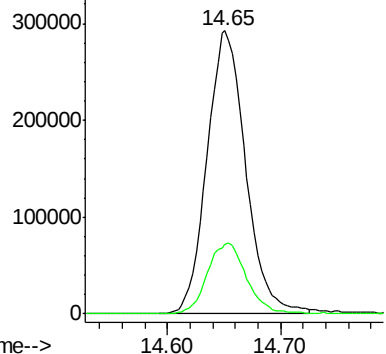


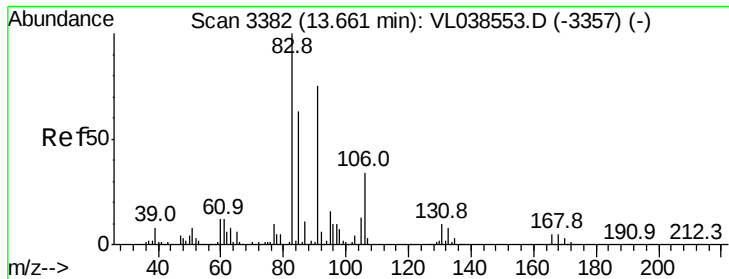
#62
Isopropylbenzene
Concen: 2.07 ppbv
RT: 14.65 min Scan# 3690
Delta R.T.: -0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion:105 Resp: 696516
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V



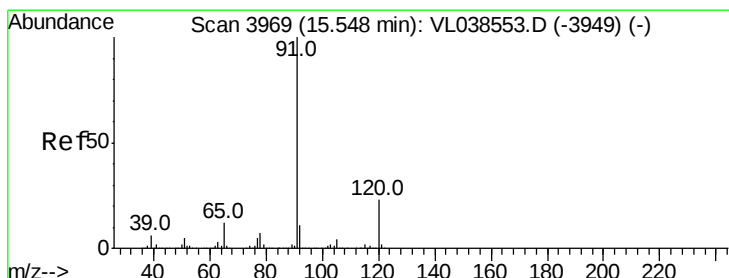
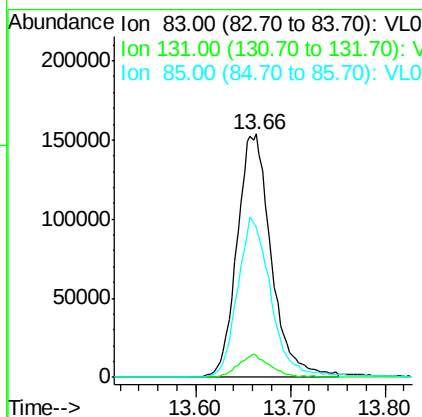
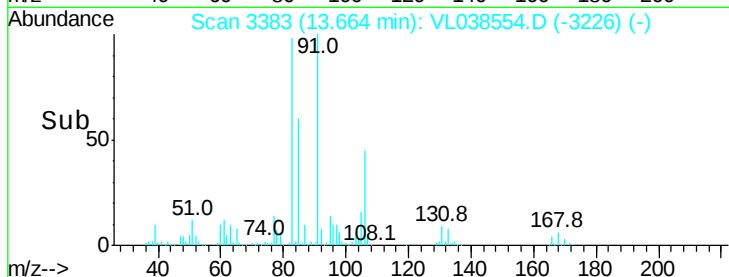
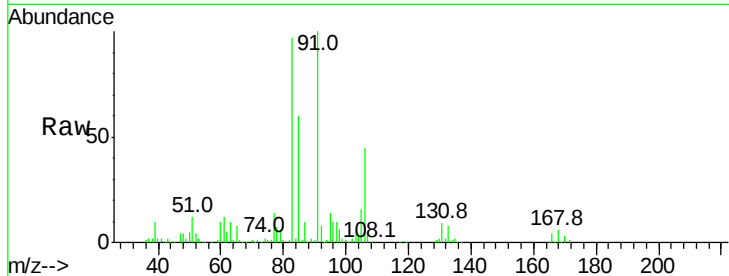


#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.89 ppbv m
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 83 100
 131 0.
 85 65.

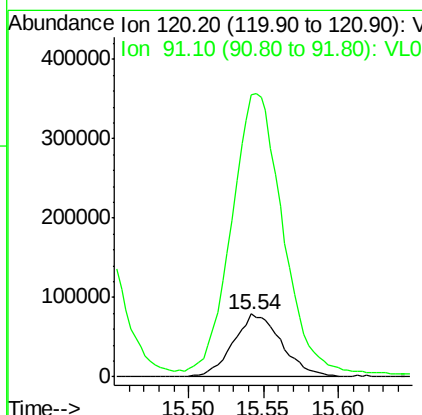
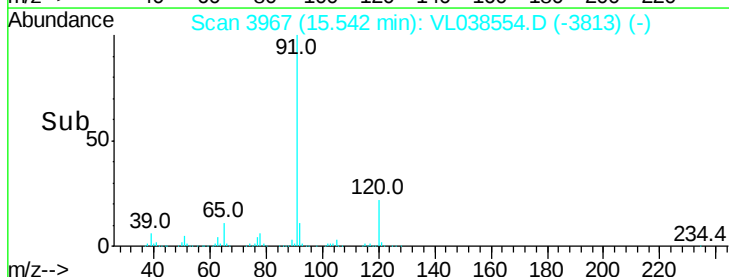
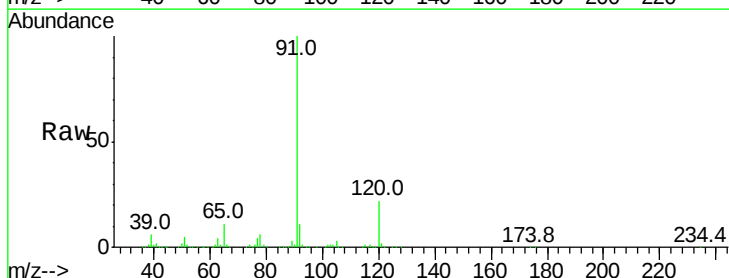
Manual Integrations
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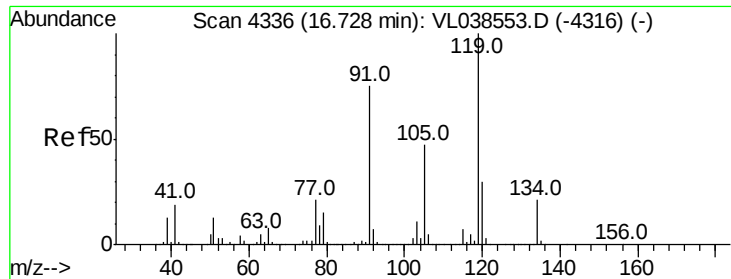
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 2.13 ppbv
 RT: 15.54 min Scan# 3967
 Delta R.T. -0.01 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion:120 Resp: 177472
 Ion Ratio Lower Upper
 120 100
 91 491.5 374.2 561.2



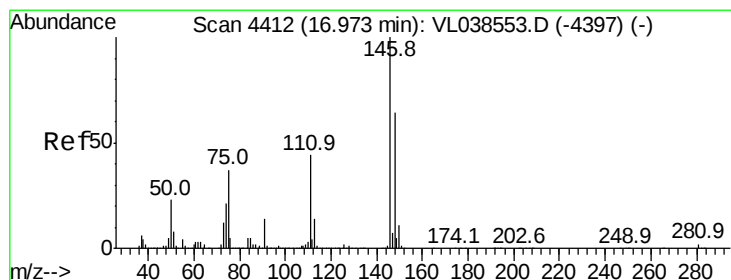
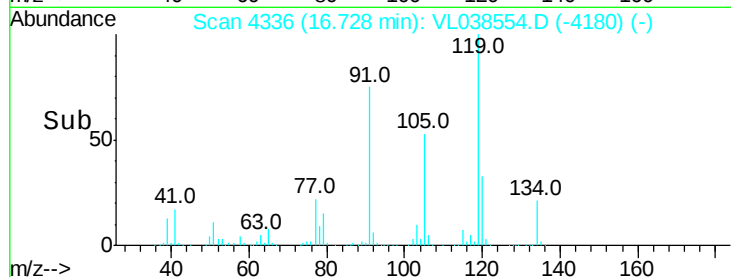
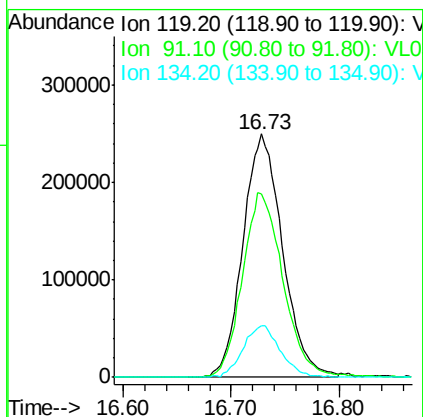
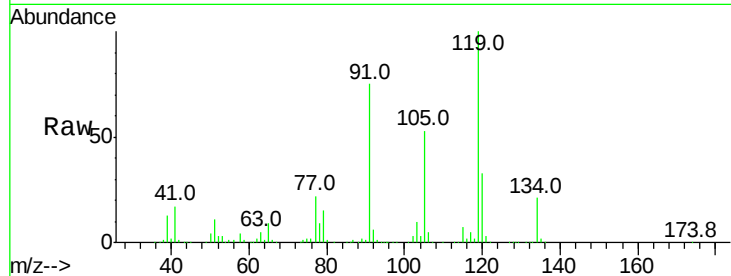


#65
 tert-Butylbenzene
 Concen: 2.18 ppbv
 RT: 16.73
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 8 Mar 2022 11:49

Tgt Ion: 1
 Ion Ratio
 119 100
 91 78.
 134 20.

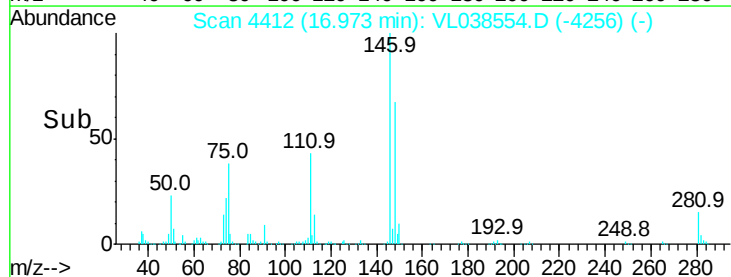
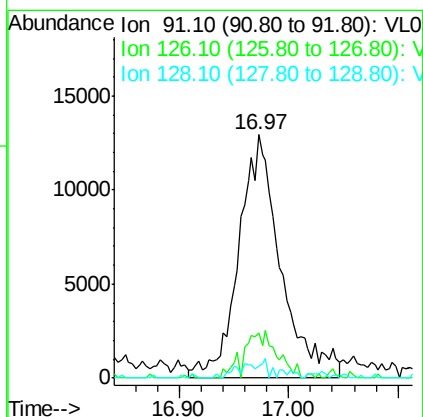
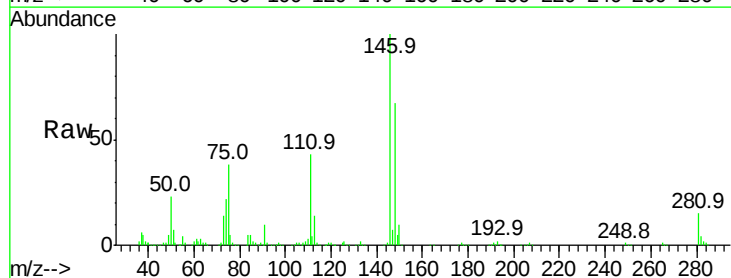
Manual Integrations
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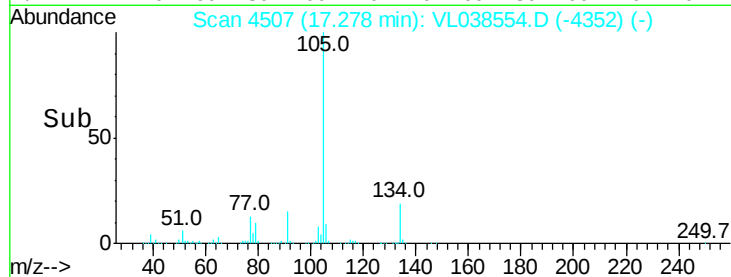
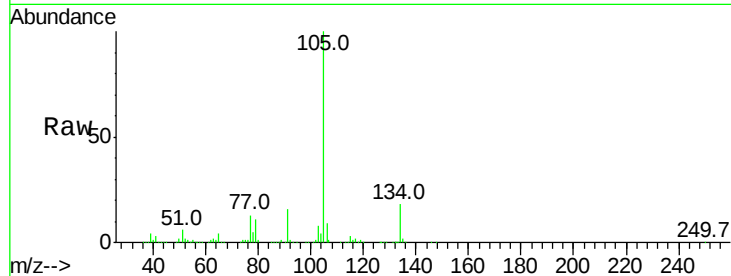
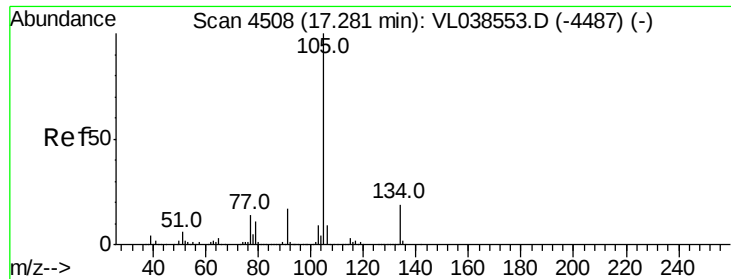
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 2.19 ppbv m
 RT: 16.97 min Scan# 4412
 Delta R.T. 0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 91 Resp: 34504
 Ion Ratio Lower Upper
 91 100
 126 15.6 14.1 21.1
 128 5.0 5.1 7.7#



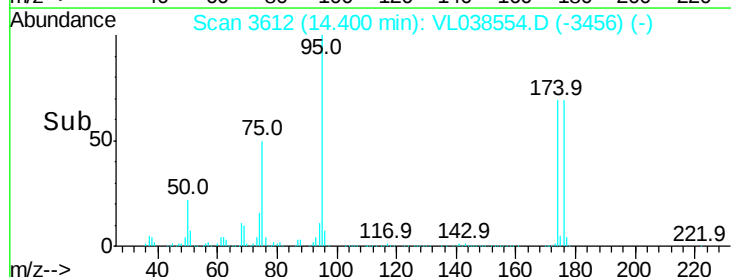
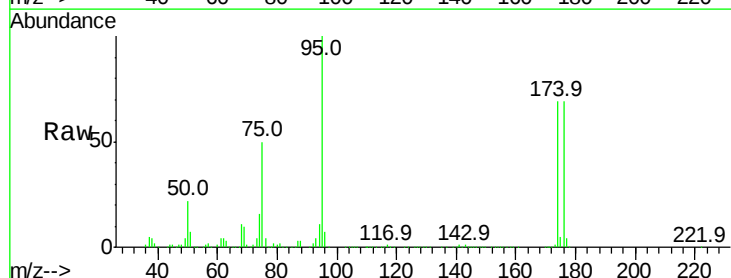
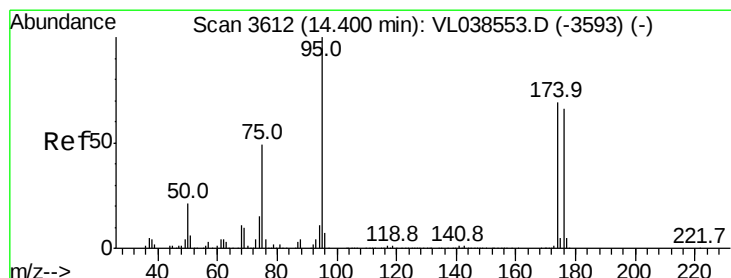
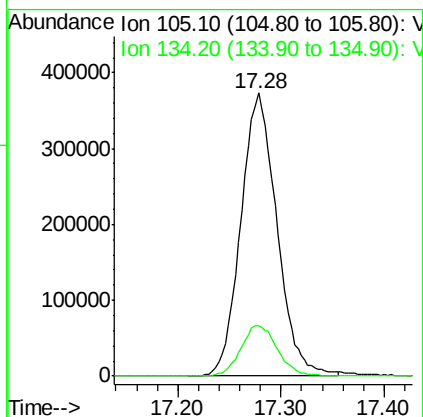


#67
 sec-Butylbenzene
 Concen: 2.19 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 8 Mar 2022 11:49

Tgt Ion:1
 Ion Rati
 105 100
 134 18.

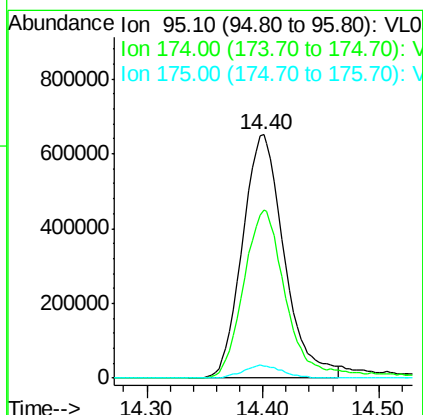
Manual Integrations
 APPROVED

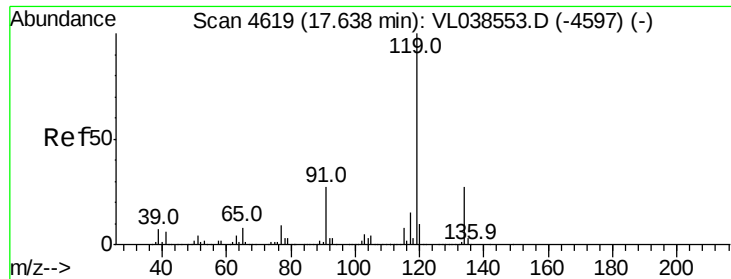
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.71 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 95 Resp: 1629617
 Ion Ratio Lower Upper
 95 100
 174 72.6 56.2 84.4
 175 5.3 4.2 6.2



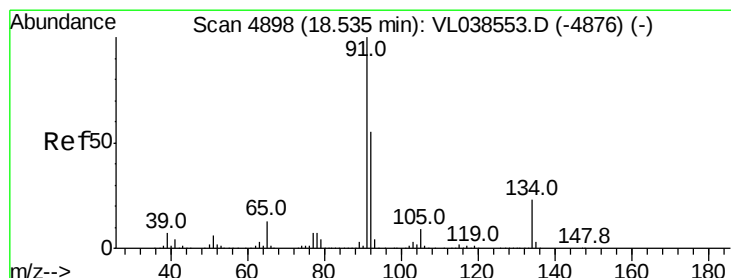
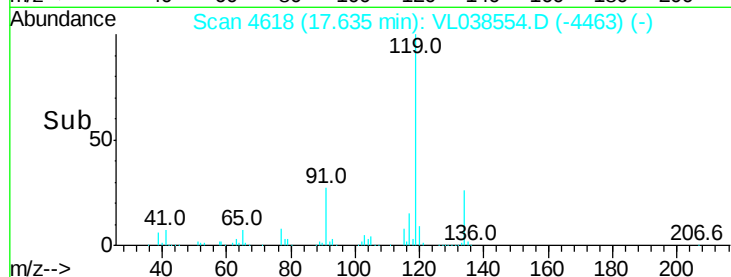
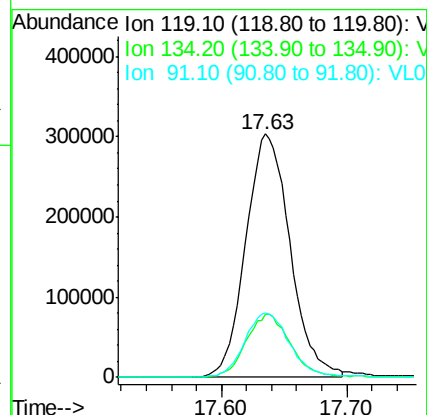
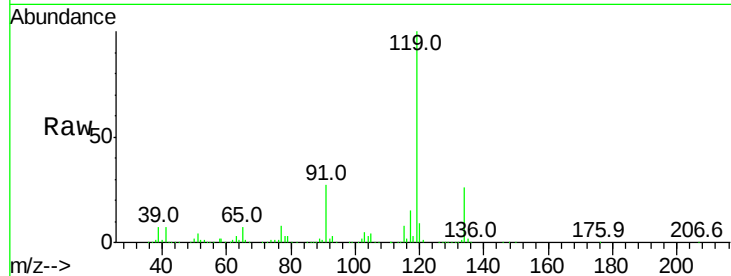


#69
 p-Isopropyltoluene
 Concen: 2.29 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

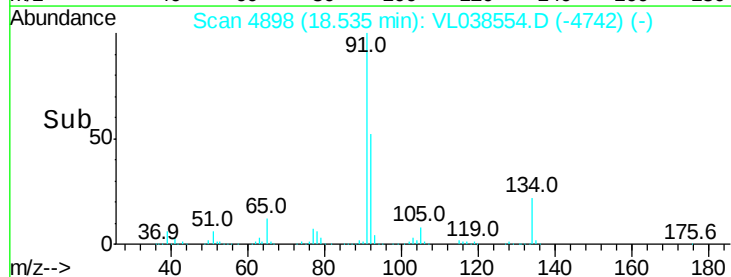
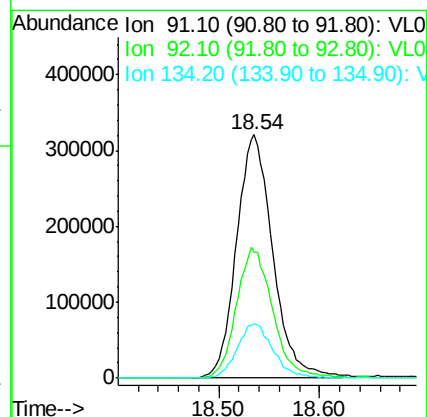
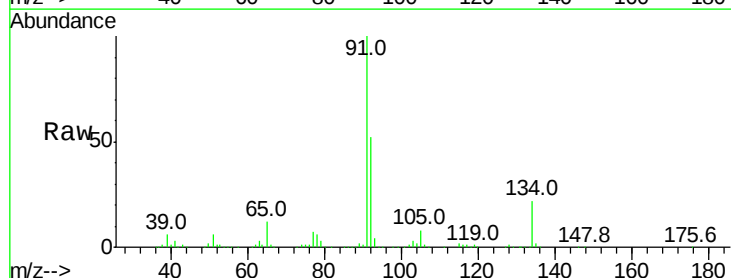
Manual Integrations
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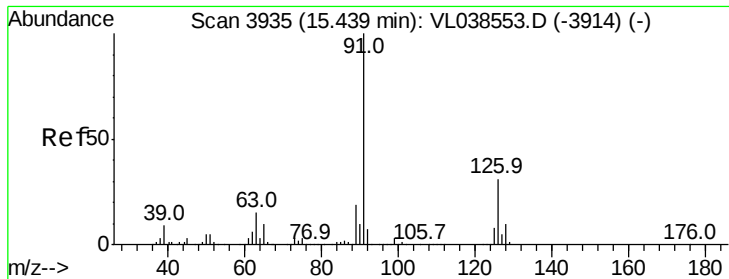
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 2.37 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 91 Resp: 797590
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.8 65.8
 134 22.3 18.7 28.1



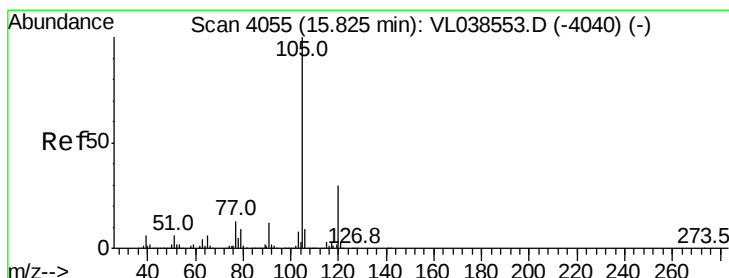
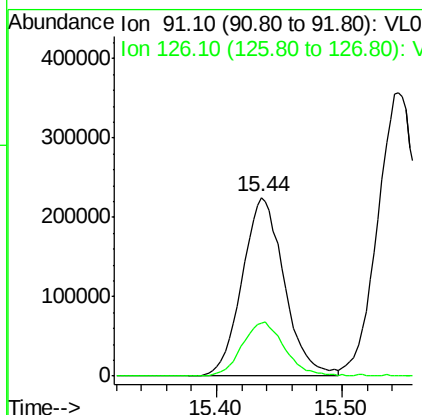
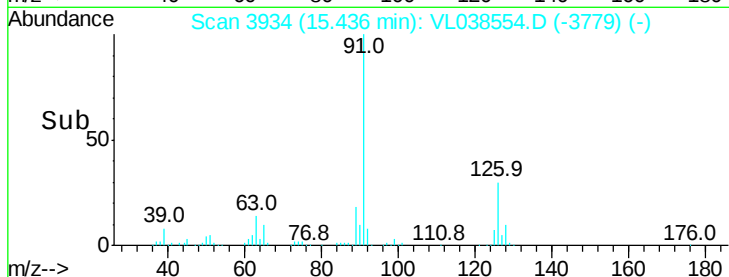
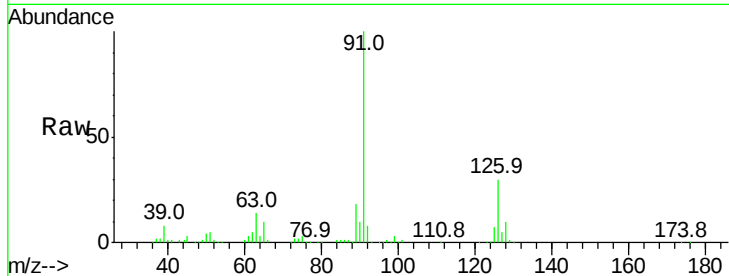


#71
 2-Chlorotoluene
 Concen: 2.02 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 11:49

Tgt Ion:
 Ion Ratio
 91 100
 126 31.

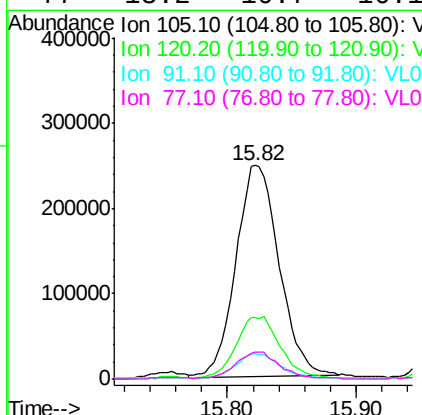
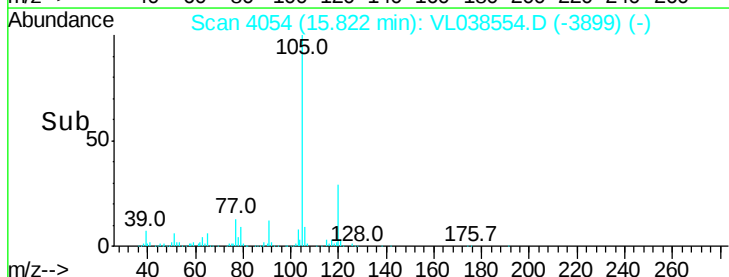
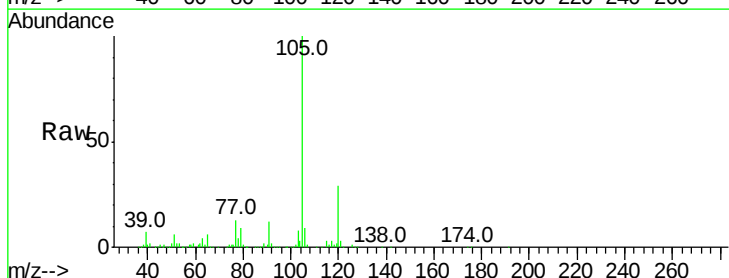
Manual Integrations
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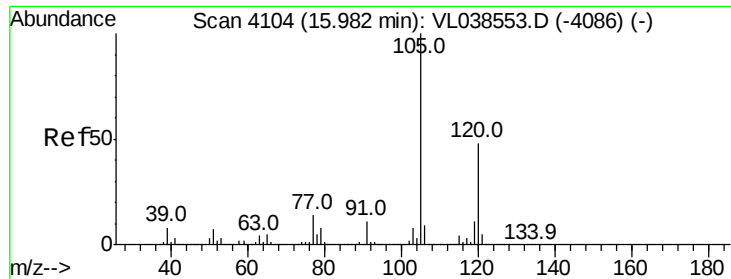
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 2.09 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion:105 Resp: 579223
 Ion Ratio Lower Upper
 105 100
 120 31.7 25.0 37.4
 91 11.9 9.8 14.6
 77 13.2 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 2.10 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49

Tgt Ion:1

Ion Ratio

105 100

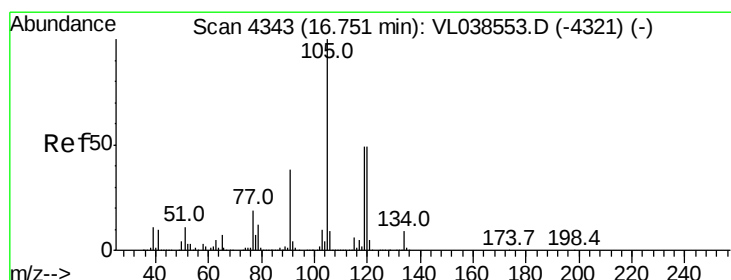
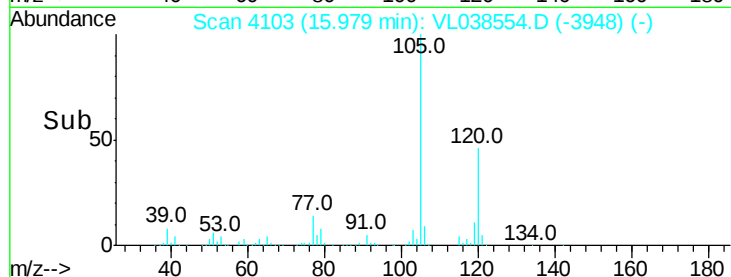
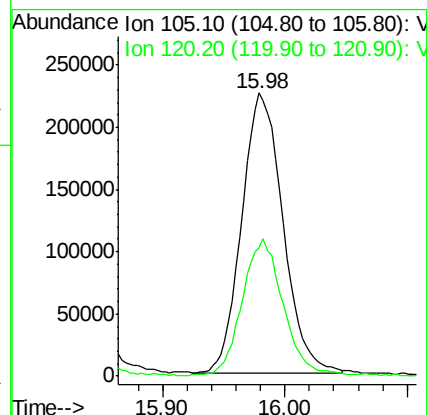
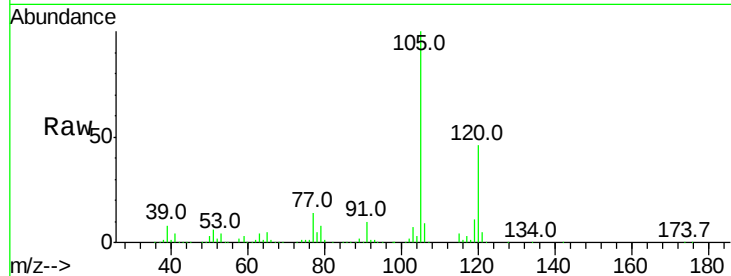
120 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.22 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

Tgt Ion:105 Resp: 589339

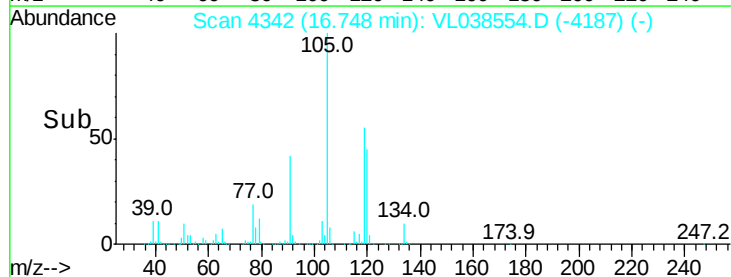
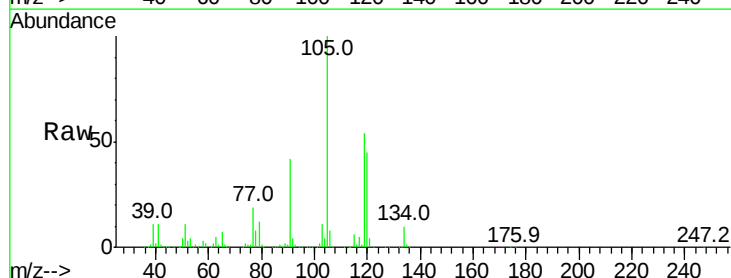
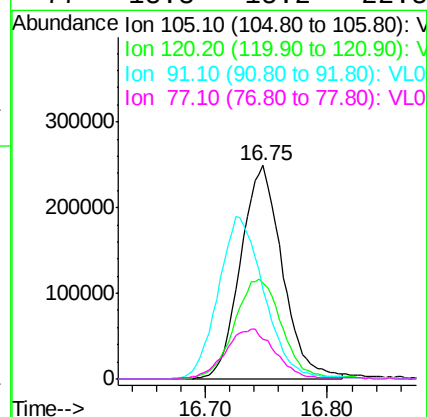
Ion Ratio Lower Upper

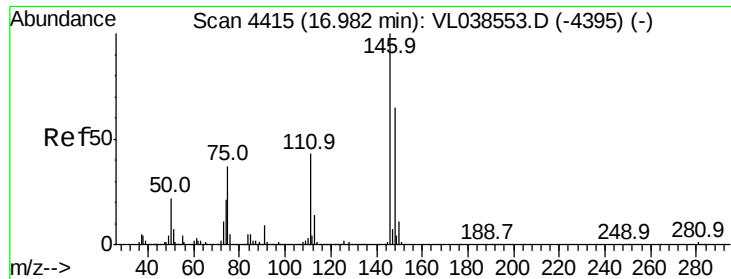
105 100

120 44.7 38.9 58.3

91 40.6 30.6 46.0

77 18.3 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 2.35 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 11:49 VSTDIC002

Tgt Ion:1

Ion Rati

146 100

111 45.

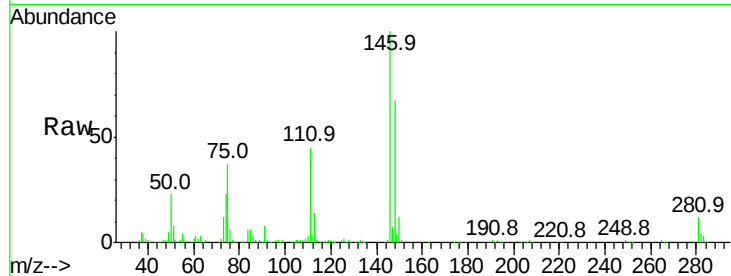
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

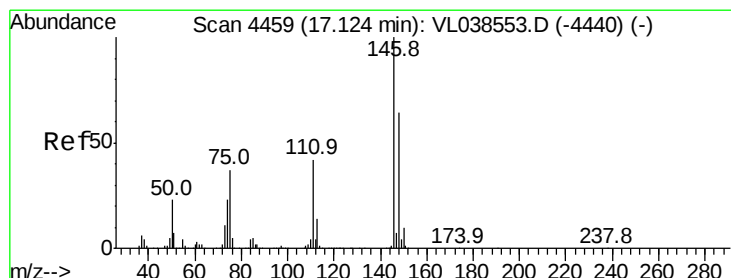
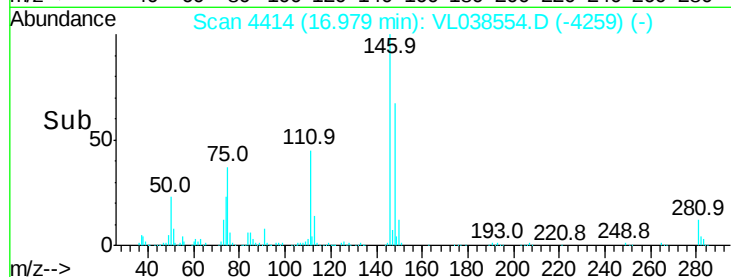
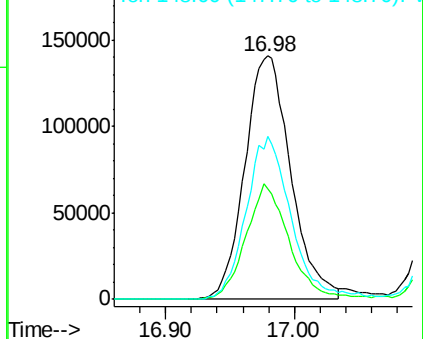
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 2.45 ppbv m

RT: 17.12 min Scan# 4458

Delta R.T. -0.00 min

Lab File: VL038554.D

Acq: 8 Mar 2022 11:49

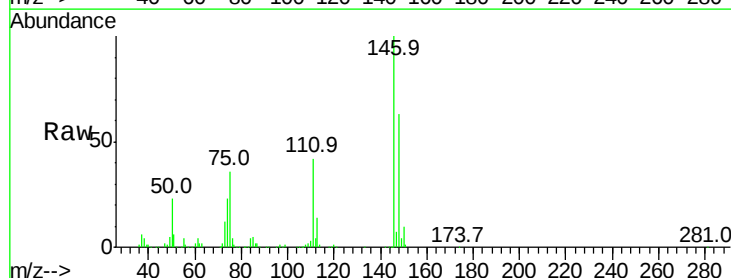
Tgt Ion:146 Resp: 359146

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

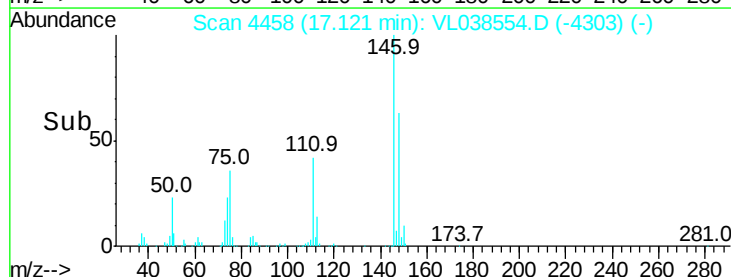
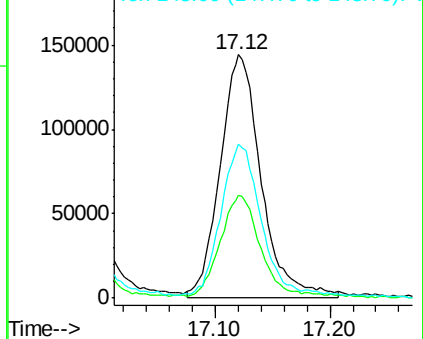
148 63.6 32.8 98.4

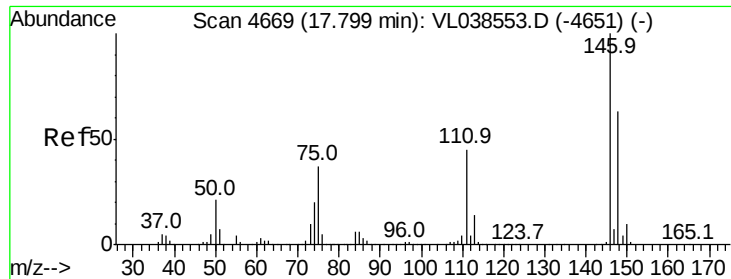


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



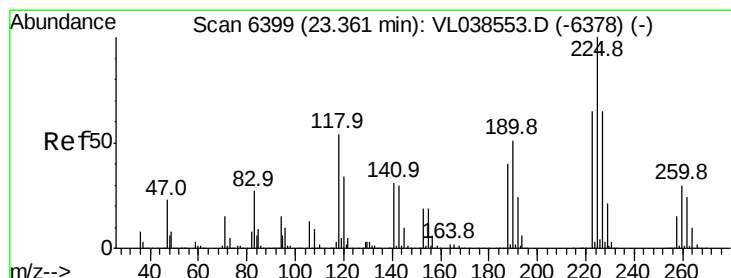
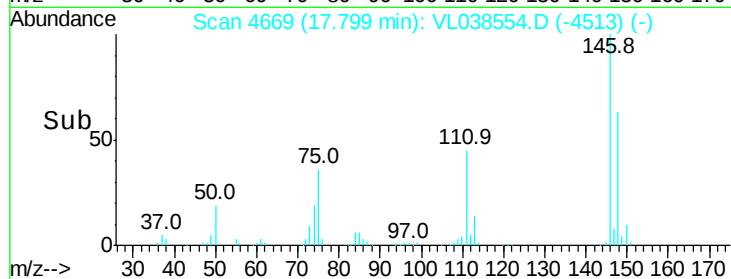
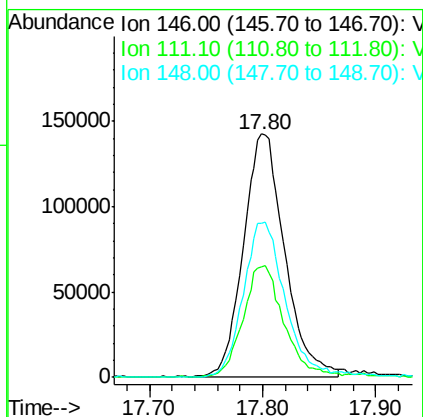
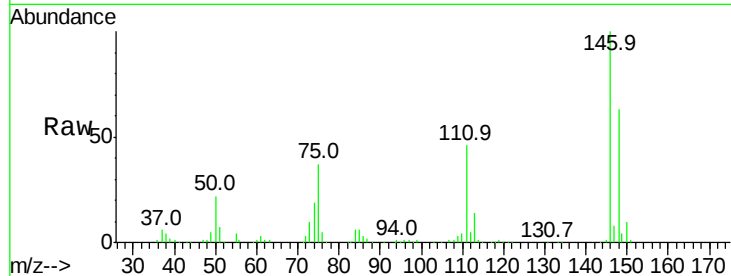


#77
 1,2-Dichlorobenzene
 Concen: 2.51 ppbv
 RT: 17.80 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 8 Mar 2022 11:49

Tgt Ion: 146
 Ion Ratio: 100
 146 100
 111 47.1
 148 66.1

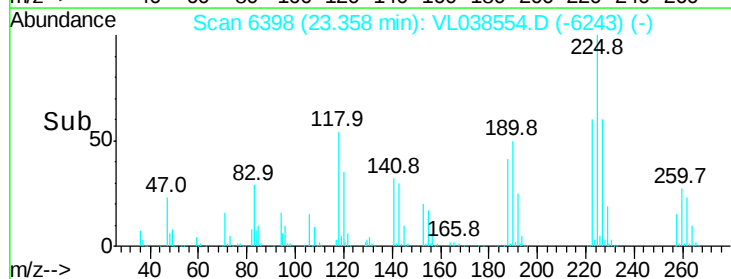
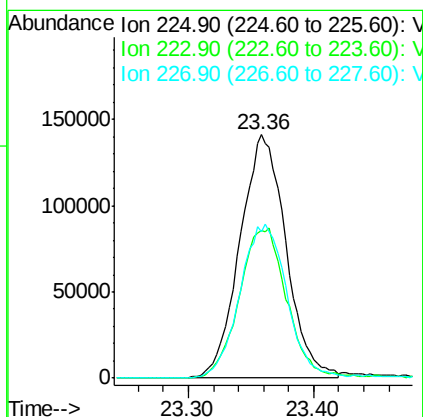
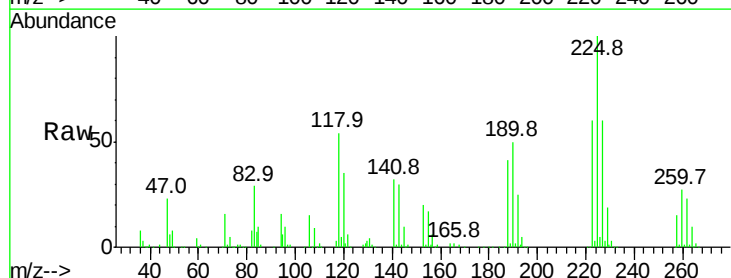
Manual Integrations
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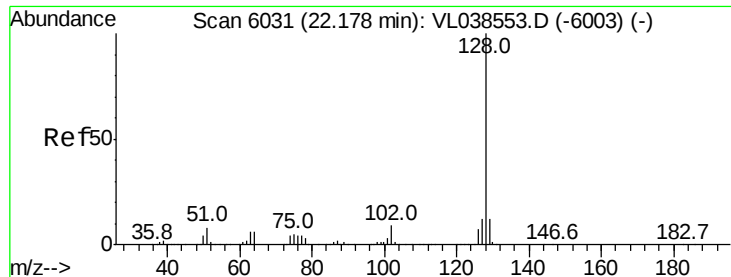
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 3.29 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T.: -0.00 min
 Lab File: VL038554.D
 Acq: 8 Mar 2022 11:49

Tgt Ion: 225 Resp: 358482
 Ion Ratio Lower Upper
 225 100
 223 65.0 51.4 77.0
 227 65.8 51.9 77.9



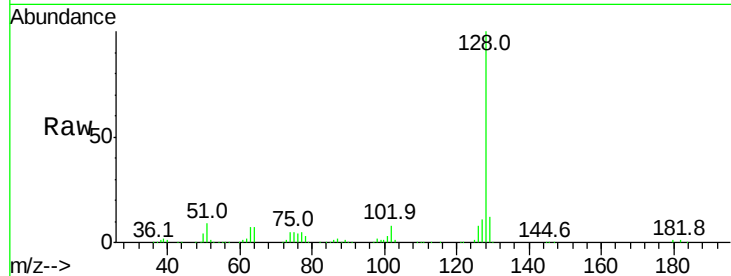


#79
Naphthalene
Concen: 3.82 ppbv
RT: 22.18 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 11:49

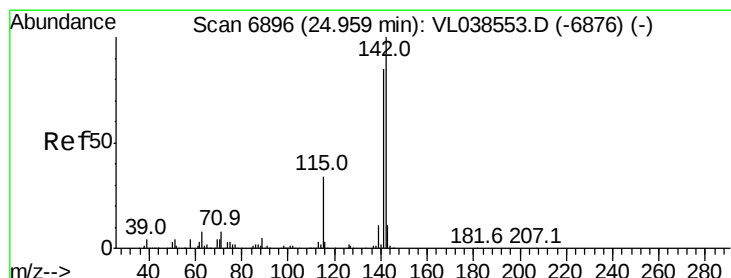
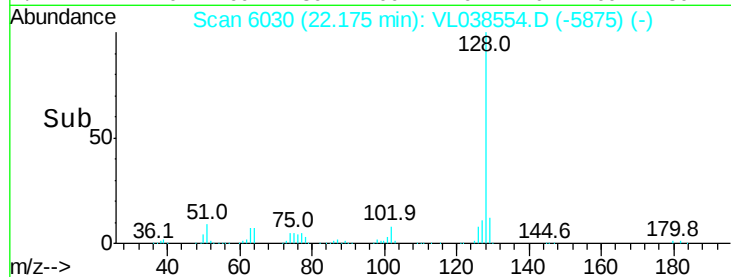
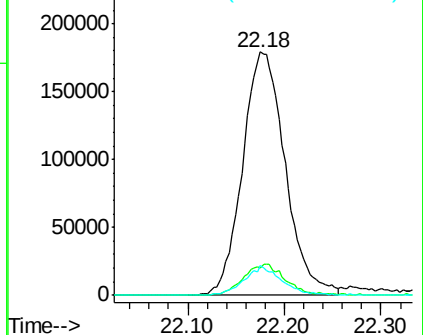
Tgt Ion:1
Ion Rati
128 100
127 11.
129 12.

Manual Integrations
APPROVED

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

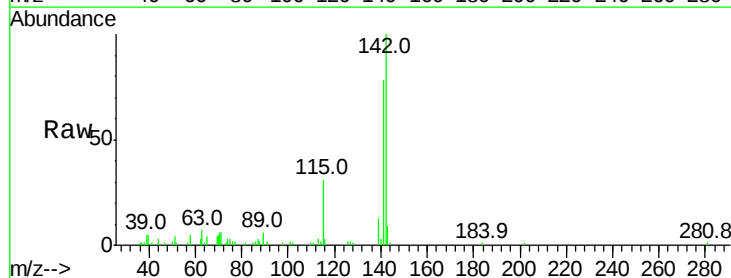


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

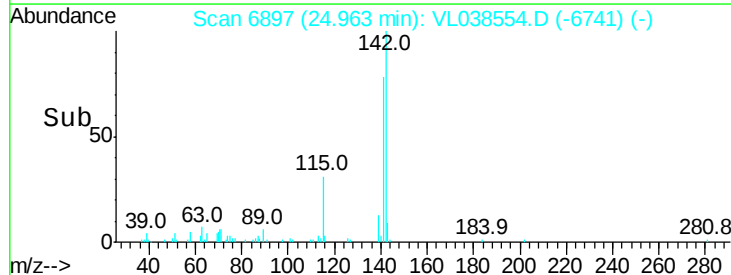
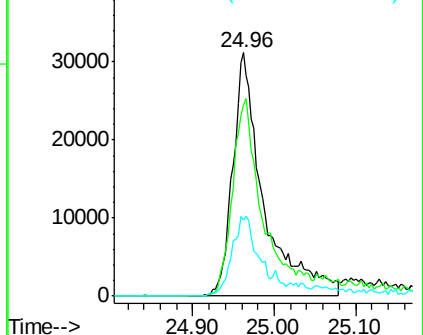


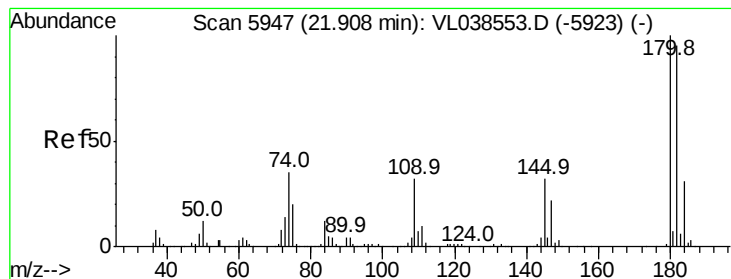
#80
Naphthalene, 2-methyl-
Concen: 2.96 ppbv
RT: 24.96 min Scan# 6897
Delta R.T. 0.00 min
Lab File: VL038554.D
Acq: 8 Mar 2022 11:49

Tgt Ion:142 Resp: 83000
Ion Ratio Lower Upper
142 100
141 91.7 68.4 102.6
115 36.3 27.9 41.9

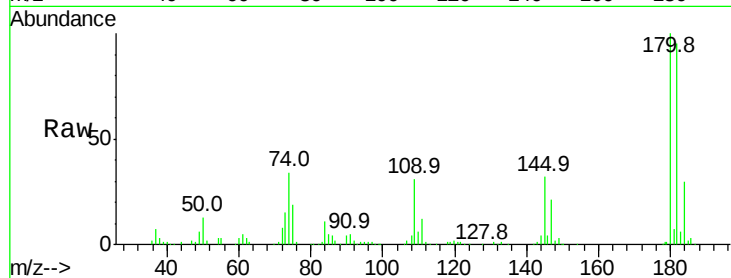


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 3.76 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 8 Mar 2022 11:49



Tgt Ion:1
 Ion Rati
 180 100
 182 97.
 184 30.

Manual Integrations
 APPROVED

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

