

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038568.D
 Acq On : 9 Mar 2022 3:19
 Operator : SY/AP
 Sample : VL0308ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0308ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/13/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Quant Time: Mar 09 08:39:34 2022

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

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

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	871599	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2274351	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2196498m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1699178	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1039923	7.90	ppbv	98
3) Chlorodifluoromethane	2.99	51	1404277	9.14	ppbv	100
4) Chloromethane	3.14	50	534135	9.38	ppbv	98
5) Vinyl Chloride	3.25	62	525578	9.19	ppbv	99
6) Bromomethane	3.47	94	299878	9.77	ppbv	96
7) Chloroethane	3.55	64	179189	9.68	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1227820	9.62	ppbv	99
9) Propene	3.01	41	500971	9.24	ppbv	100
10) Heptane	8.11	43	1298114	10.01	ppbv	98
11) Trichlorofluoromethane	3.94	101	1118490	9.69	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	874699	9.75	ppbv	99
13) Ethanol	3.60	45	45857m	7.36	ppbv	
14) Bromoethene	3.74	108	379625	9.93	ppbv	98
15) Acetone	3.84	43	569370	9.26	ppbv	99
16) 1,3-Butadiene	3.32	39	486572	9.85	ppbv	97
17) tert-Butyl alcohol	4.28	59	617729	9.25	ppbv	99
18) 1,1-Dichloroethene	4.29	96	386481	9.62	ppbv	100
19) Isopropyl Alcohol	3.96	45	361580	8.81	ppbv #	96
20) Methylene Chloride	4.34	84	322184	8.71	ppbv	95
21) Allyl Chloride	4.40	41	579577	9.78	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	414956	9.86	ppbv	98
23) Vinyl Acetate	5.06	43	864018	9.80	ppbv	99
24) 1,1-Dichloroethane	5.00	63	777846	9.70	ppbv	98
25) Ethyl Acetate	5.67	43	2020484	9.76	ppbv	100
26) Hexane	5.68	57	948710	9.76	ppbv	100
27) Carbon Disulfide	4.54	76	1021867	10.55	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	747387	9.44	ppbv	98
29) Chloroform	5.74	83	1450307	9.58	ppbv	98
30) Cyclohexane	7.12	84	805704	9.58	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	901895	9.70	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	1374377	9.37	ppbv	100
34) 2-Butanone	5.23	43	624626	10.60	ppbv	100
35) Carbon Tetrachloride	7.01	117	1459801	9.41	ppbv	98
36) Benzene	6.88	78	1991958	9.71	ppbv	100
37) 1,2-Dichloroethane	6.29	62	967753	9.87	ppbv	100
38) Trichloroethene	7.82	130	758623	9.25	ppbv	99
39) 1,2-Dichloropropane	7.60	63	774787	9.82	ppbv	98
40) 1,4-Dioxane	7.82	88	186654	9.45	ppbv	91
41) Tetrahydrofuran	6.04	42	468833	9.72	ppbv	99
42) Bromodichloromethane	7.78	83	1532919	9.86	ppbv	99
43) Methyl Methacrylate	8.00	69	731812	10.39	ppbv	98

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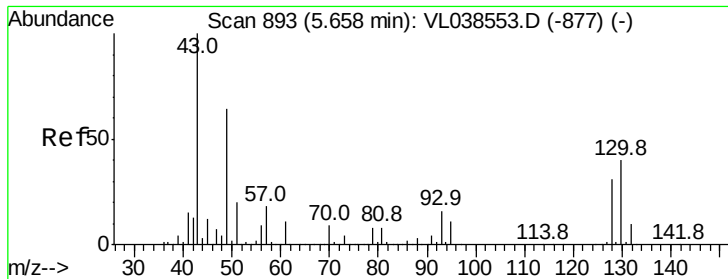
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3319916	9.57	ppbv	100
45) t-1,3-Dichloropropene	9.26	75	571334	11.25	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	760493	10.95	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	805153	10.01	ppbv	97
48) Dibromochloromethane	10.29	129	1349651	10.57	ppbv	100
49) Bromoform	13.03	173	1062209	10.86	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1241679	10.27	ppbv	99
51) 2-Hexanone	10.12	43	547788	10.73	ppbv #	99
52) Tetrachloroethene	11.21	164	708286	9.42	ppbv	98
53) Toluene	9.79	91	2276076	10.39	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1160564	10.10	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	860488	9.62	ppbv	99
57) Chlorobenzene	12.13	112	1601805	9.55	ppbv	99
58) Ethyl Benzene	12.70	91	2853244	10.03	ppbv	100
59) m/p-Xylene	12.98	91	4754569m	19.53	ppbv	
60) o-Xylene	13.68	91	2250134	9.79	ppbv	99
61) Styrene	13.51	104	1218955	10.76	ppbv	99
62) Isopropylbenzene	14.65	105	3079777	9.71	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1693593	8.72	ppbv	99
64) n-propylbenzene	15.55	120	827667	10.24	ppbv	99
65) tert-Butylbenzene	16.73	119	2791206	9.84	ppbv	99
66) Benzyl Chloride	16.97	91	199690	11.88	ppbv	99
67) sec-Butylbenzene	17.28	105	4053099	10.05	ppbv	100
69) p-Isopropyltoluene	17.64	119	3428880	10.27	ppbv	99
70) n-Butylbenzene	18.53	91	3677160	10.34	ppbv	100
71) 2-Chlorotoluene	15.44	91	2325195	9.87	ppbv	98
72) 4-Ethyltoluene	15.82	105	2801963	10.61	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	2475104	10.10	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2603664	9.94	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	1704433	10.32	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1662036	10.16	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	1704108	10.19	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1513944	9.28	ppbv	100
79) Naphthalene	22.18	128	2989241	12.69	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	552499	13.29	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	1650191	10.96	ppbv	100

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

49 100

128 53.

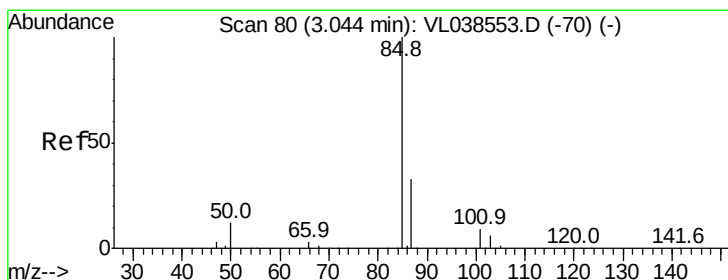
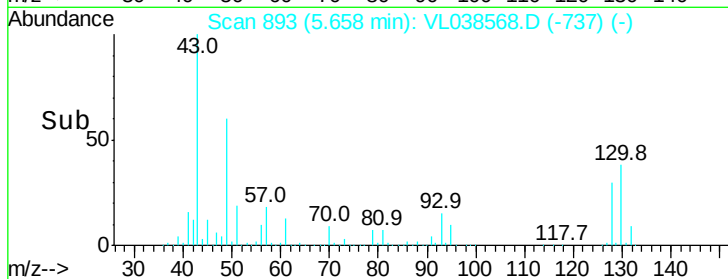
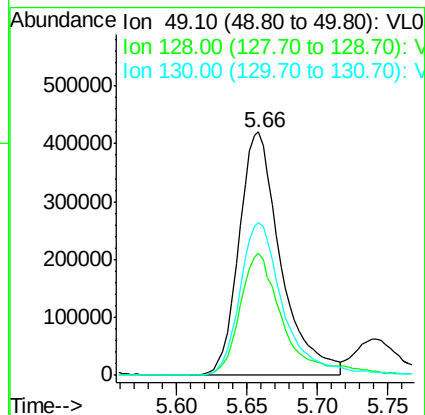
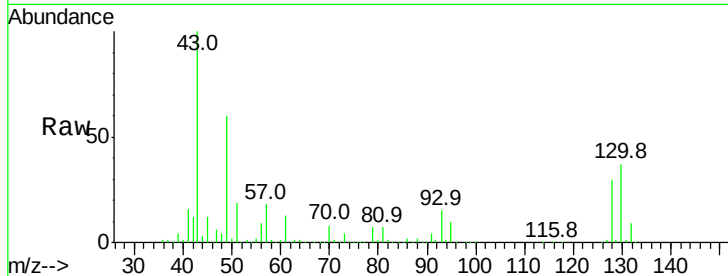
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 7.90 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL038568.D

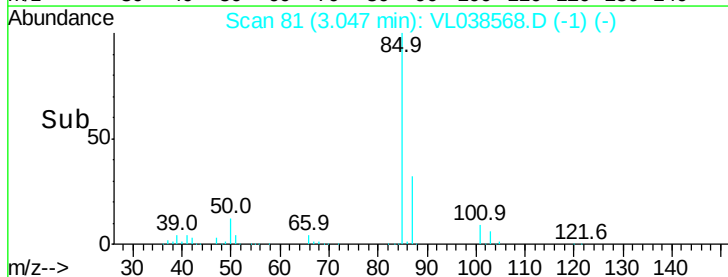
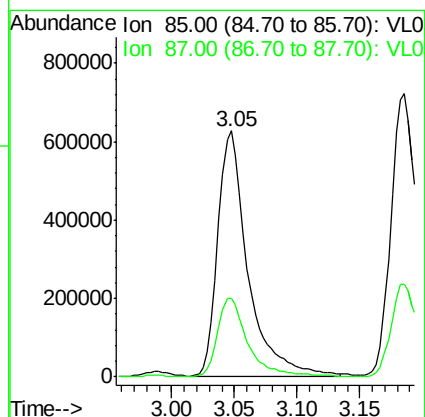
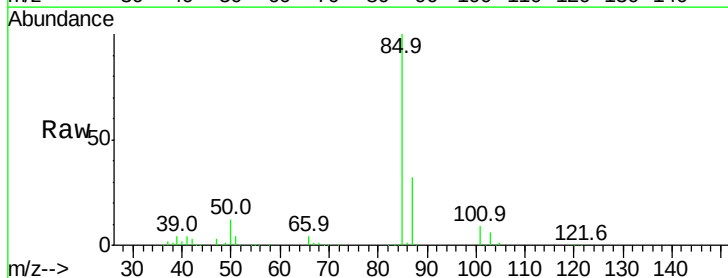
Acq: 9 Mar 2022 3:19

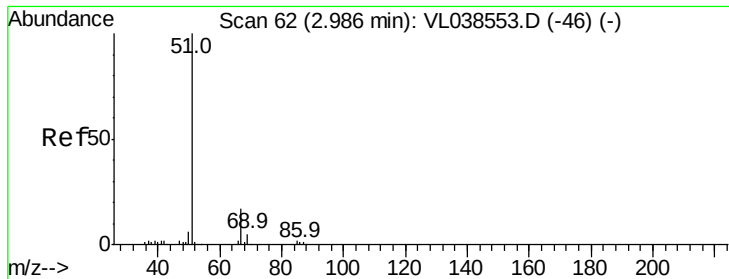
Tgt Ion: 85 Resp: 1039923

Ion Ratio Lower Upper

85 100

87 31.7 26.2 39.2





#3

Chlorodifluoromethane

Concen: 9.14 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

51 100

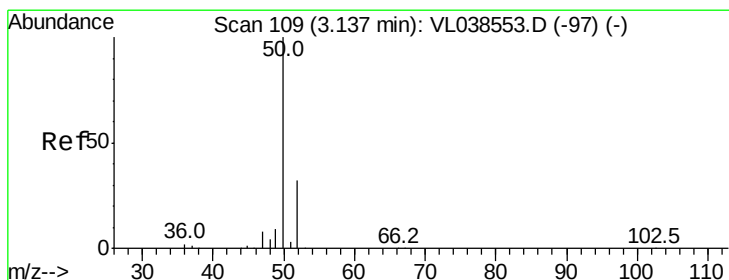
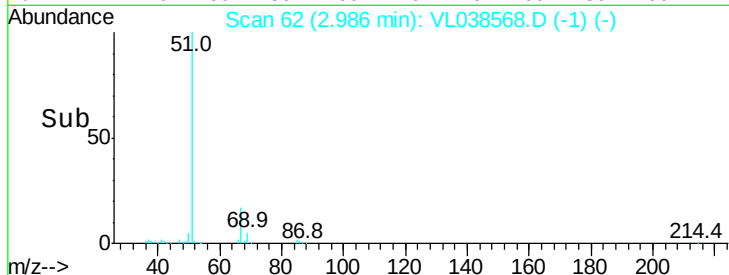
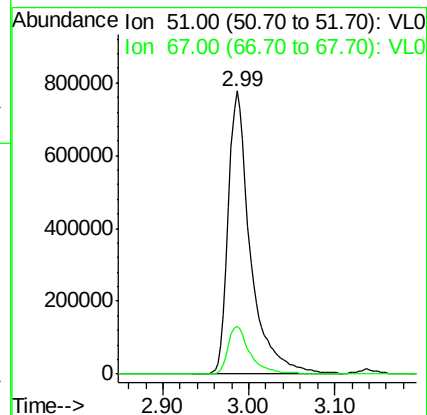
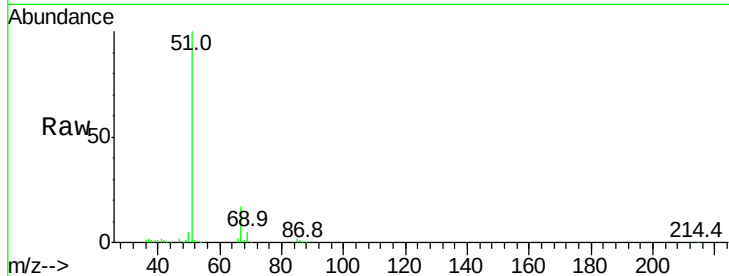
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 9.38 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL038568.D

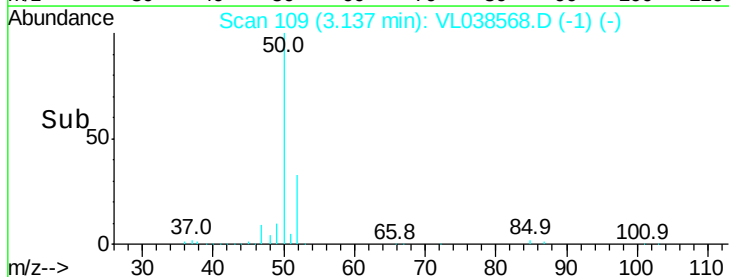
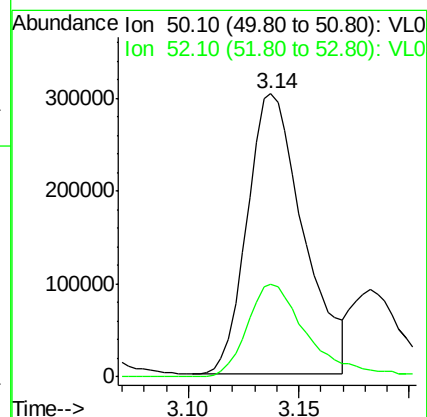
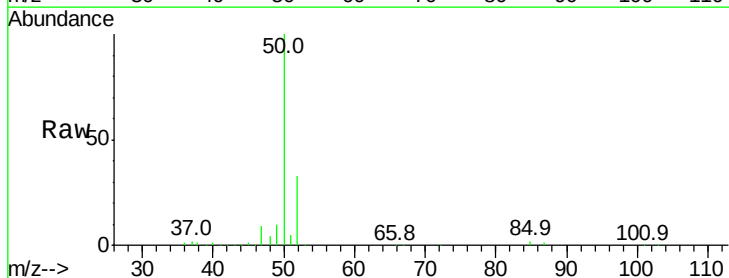
Acq: 9 Mar 2022 3:19

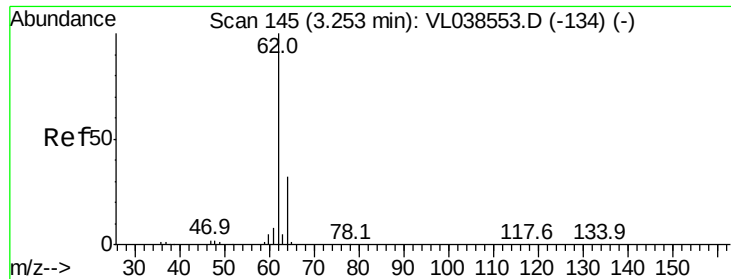
Tgt Ion: 50 Resp: 534135

Ion Ratio Lower Upper

50 100

52 33.1 25.6 38.4





#5

Vinyl Chloride

Concen: 9.19 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0308ABS01

Acq: 9 Mar 2022 3:19

Tgt Ion: 62

Ion Ratio 100

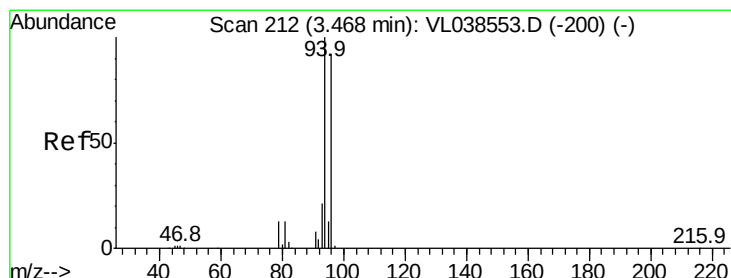
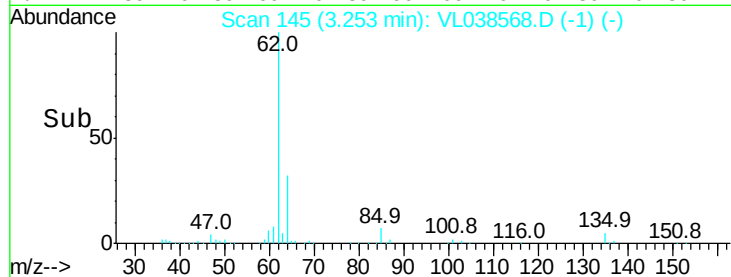
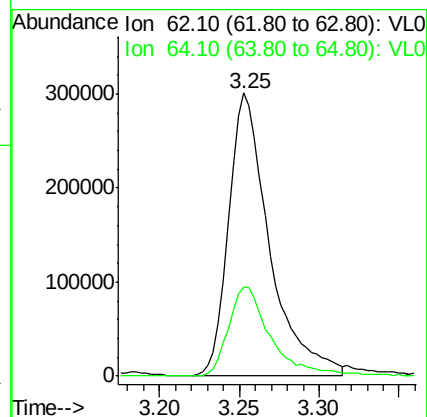
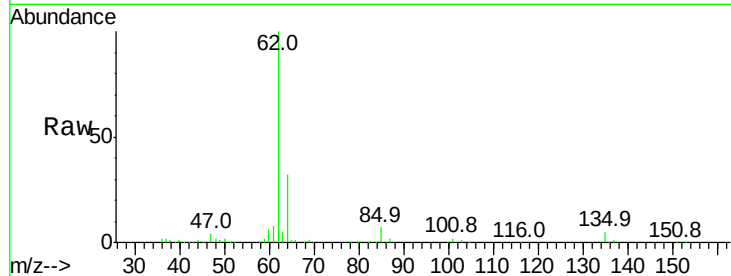
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 9.77 ppbv

RT: 3.47 min Scan# 212

Delta R.T. 0.00 min

Lab File: VL038568.D

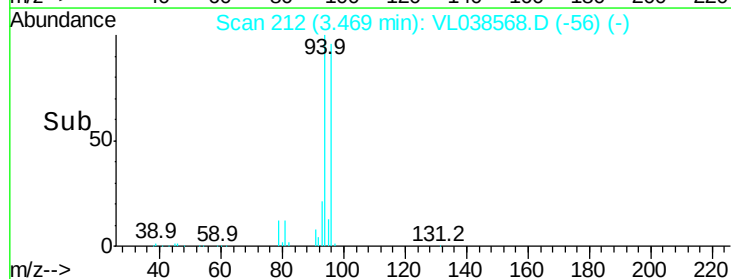
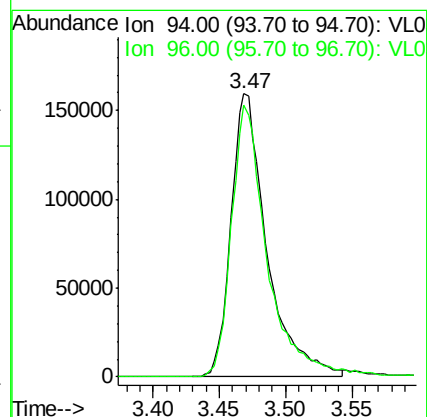
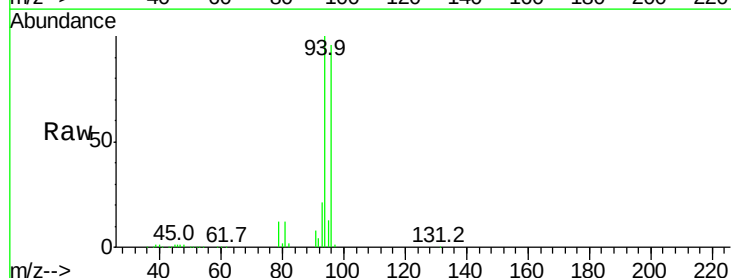
Acq: 9 Mar 2022 3:19

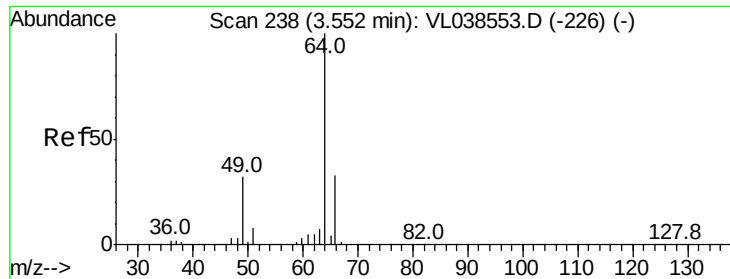
Tgt Ion: 94 Resp: 299878

Ion Ratio Lower Upper

94 100

96 96.2 73.7 110.5





#7

Chloroethane

Concen: 9.68 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0308ABS01

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

64 100

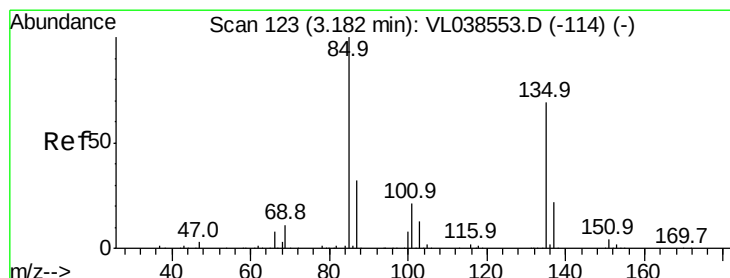
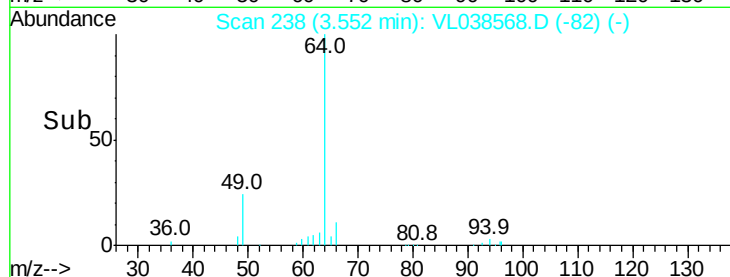
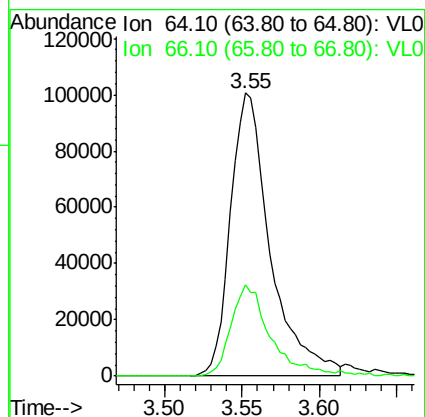
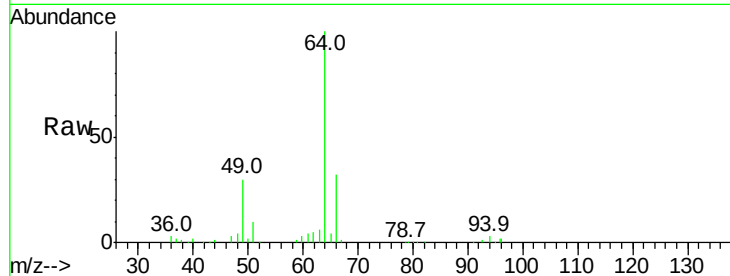
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 9.62 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL038568.D

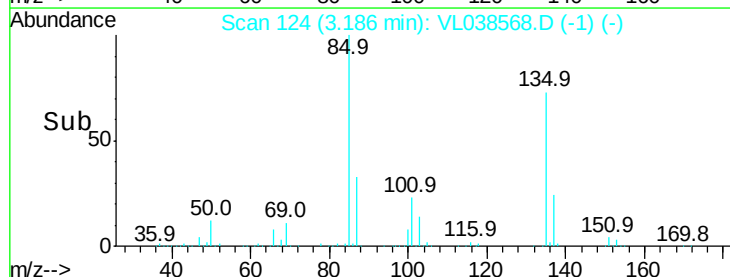
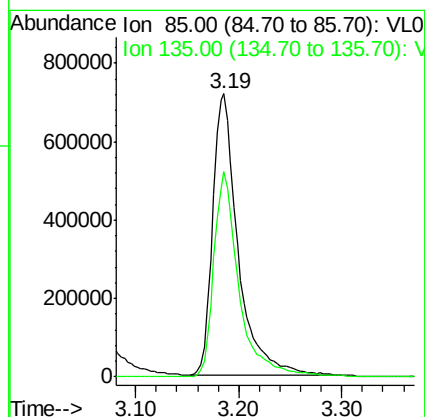
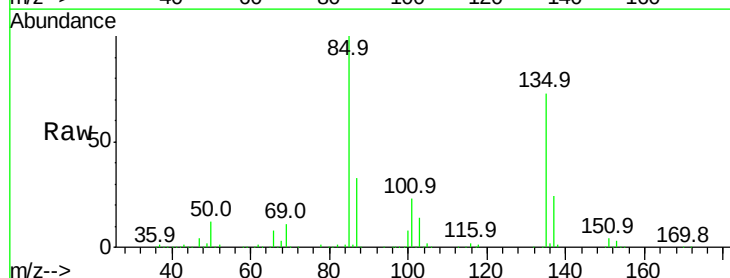
Acq: 9 Mar 2022 3:19

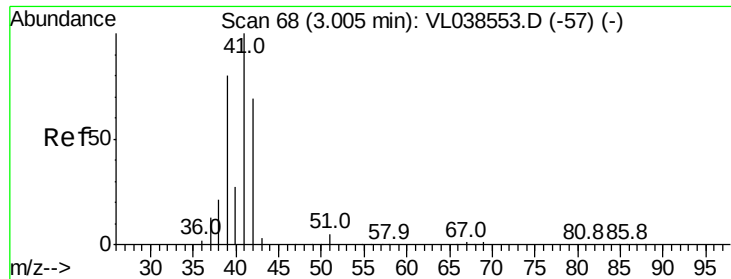
Tgt Ion: 85 Resp: 1227820

Ion Ratio Lower Upper

85 100

135 72.8 59.0 88.4





#9

Propene

Concen: 9.24 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

41 100

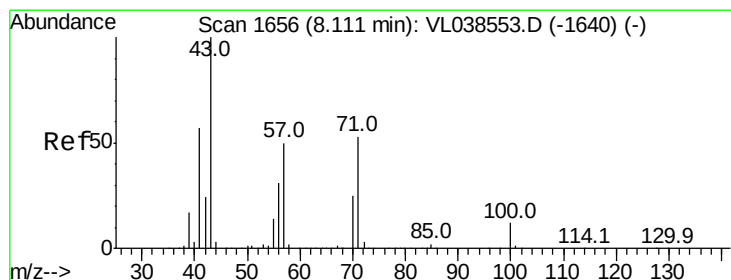
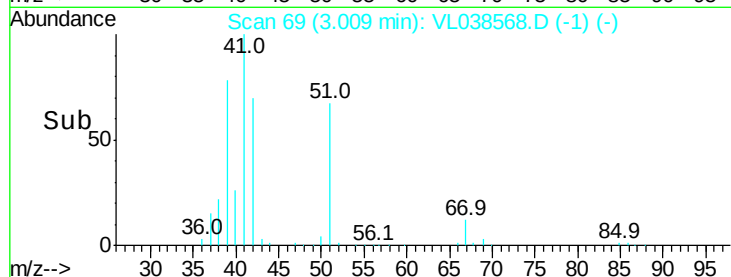
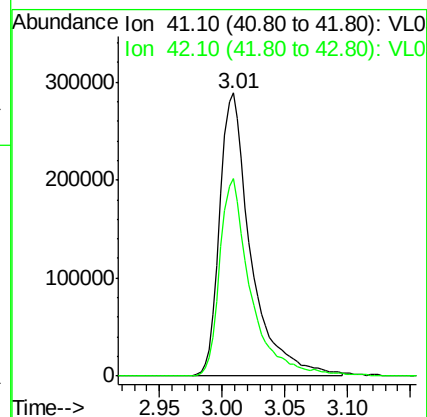
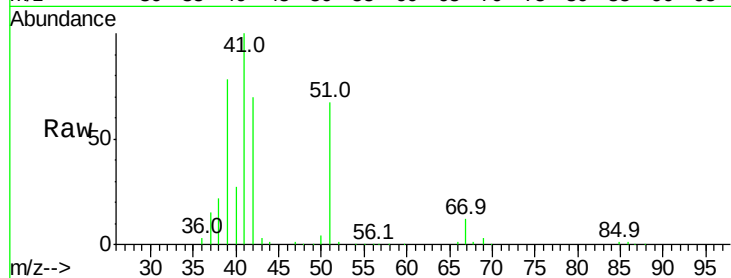
42 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 10.01 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL038568.D

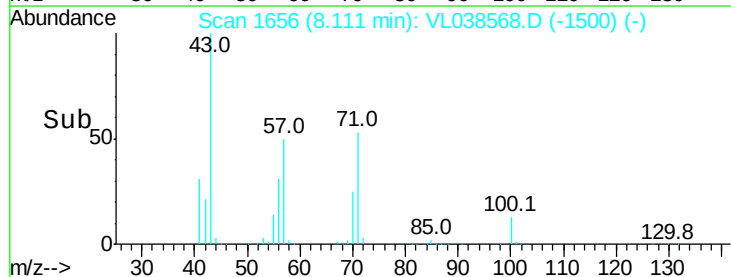
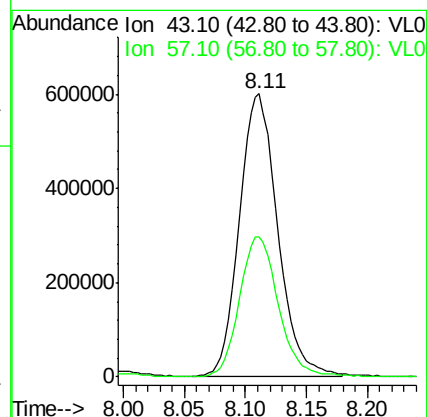
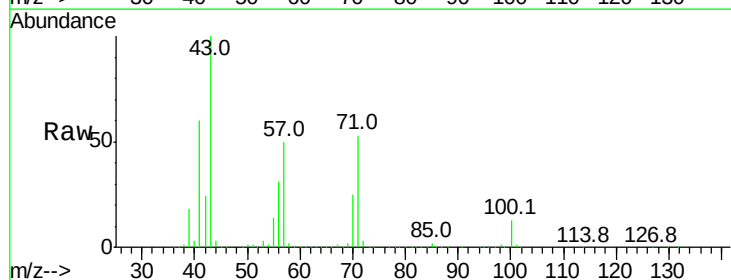
Acq: 9 Mar 2022 3:19

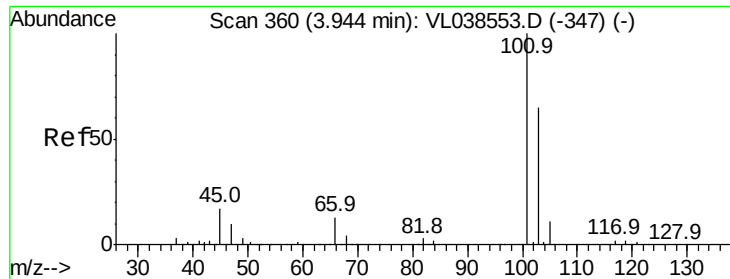
Tgt Ion: 43 Resp: 1298114

Ion Ratio Lower Upper

43 100

57 50.6 39.6 59.4



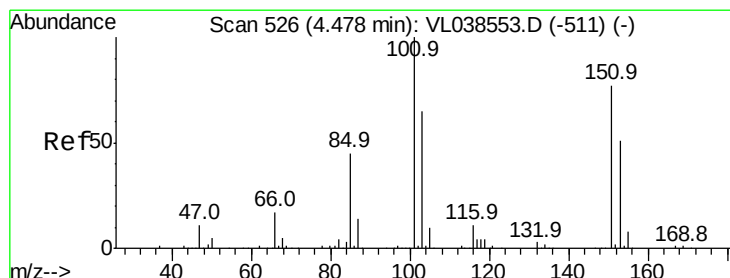
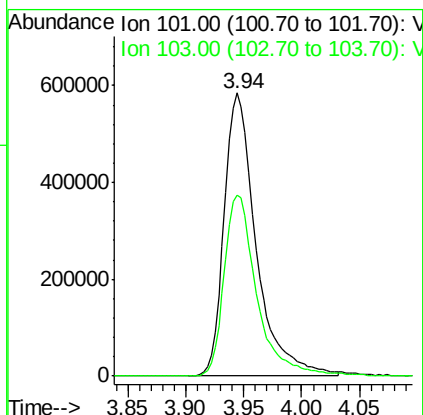
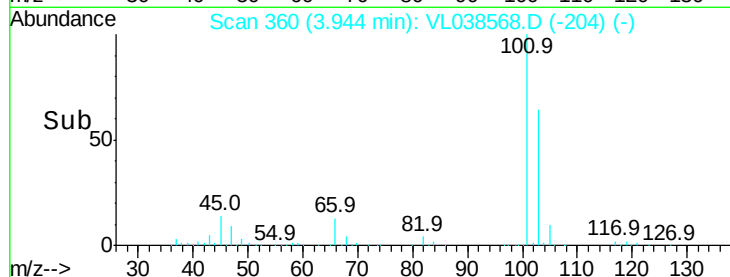
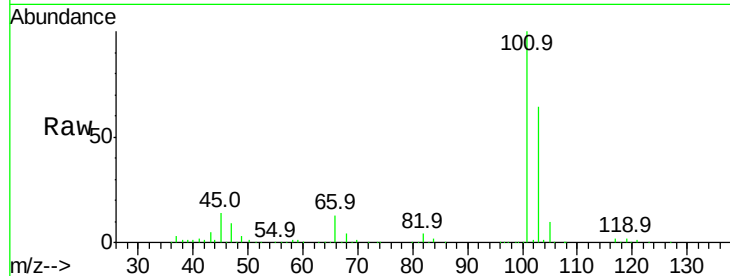


#11
 Trichlorofluoromethane
 Concen: 9.69 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tgt Ion:1
 Ion Ratio
 101 100
 103 63.

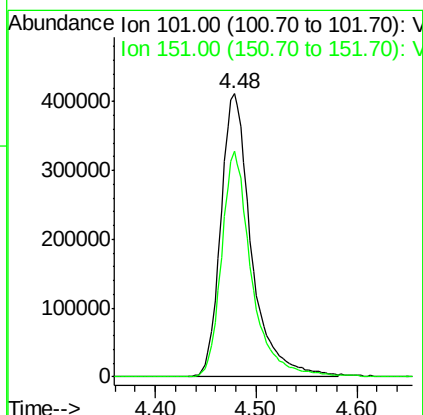
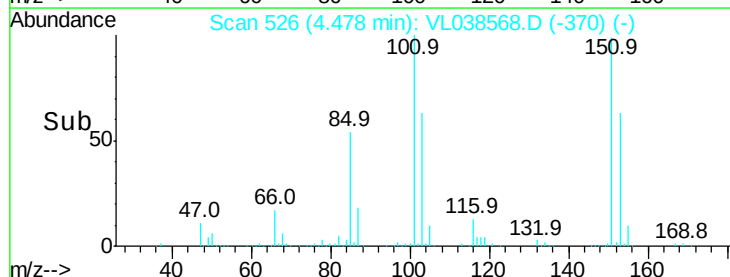
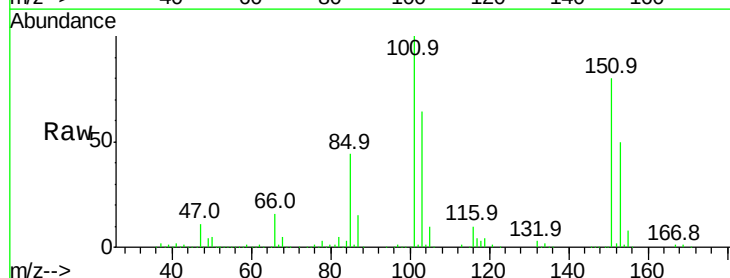
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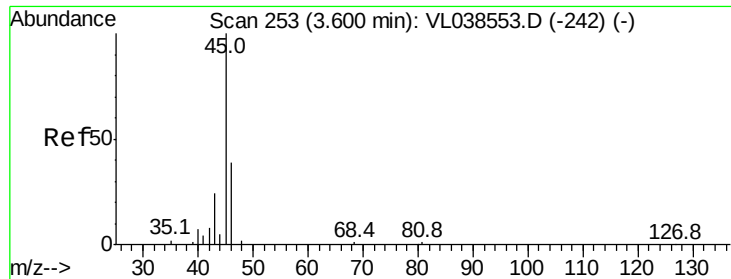
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.75 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:101 Resp: 874699
 Ion Ratio Lower Upper
 101 100
 151 78.1 63.4 95.0



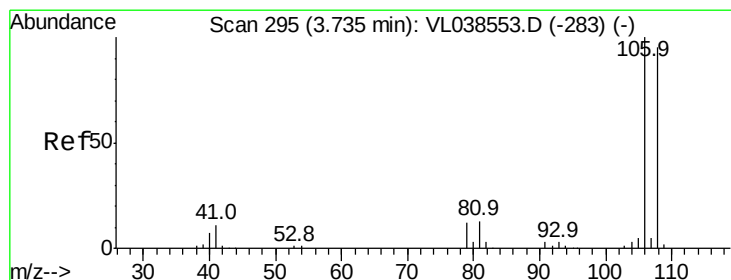
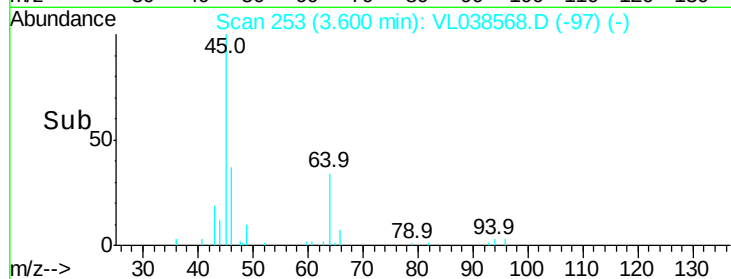
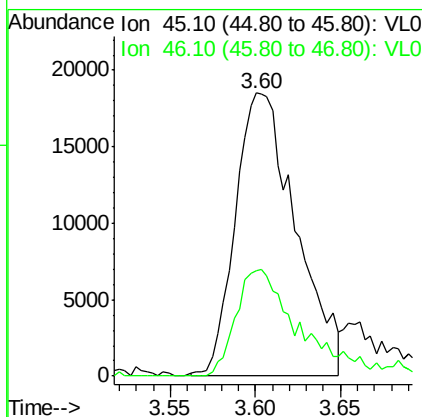
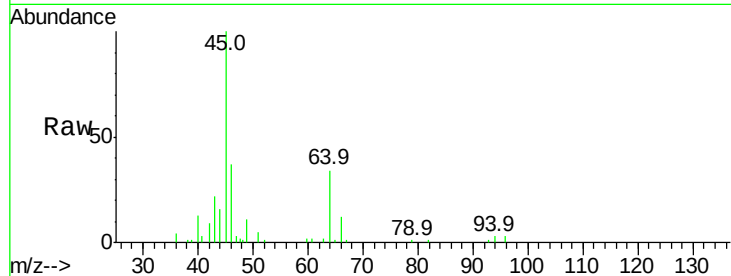


#13
Ethanol
Concen: 7.36 ppbv m
RT: 3.60
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
45 100
46 41.

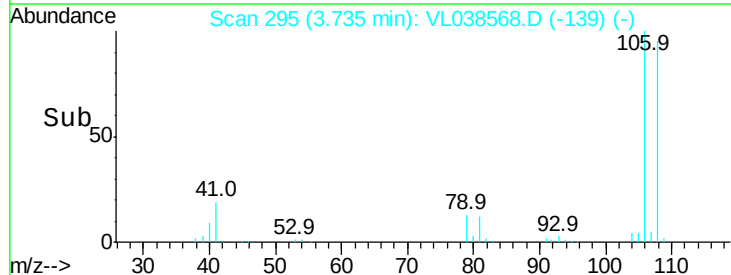
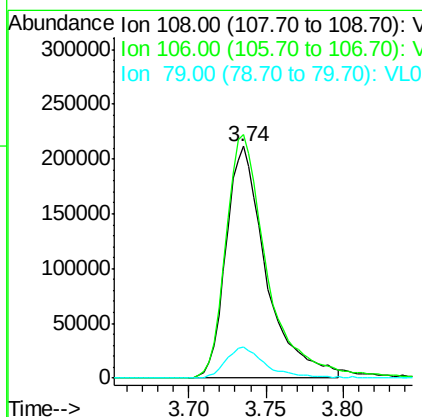
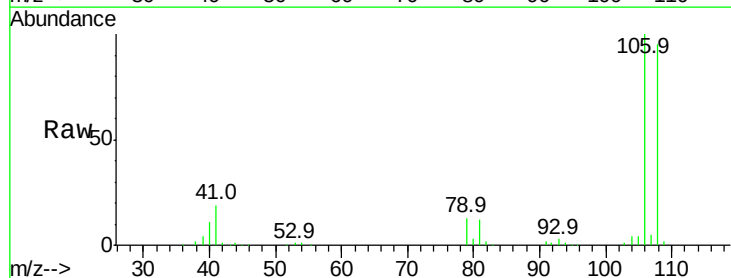
Manual Integrations
APPROVED

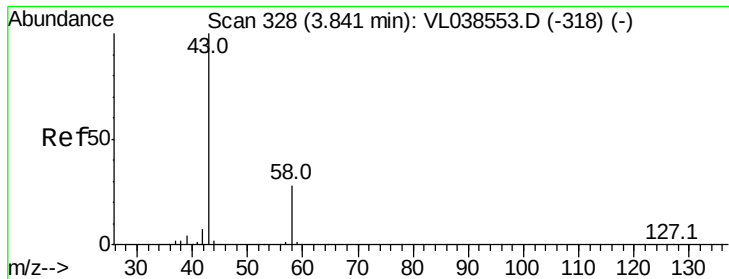
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#14
Bromoethene
Concen: 9.93 ppbv
RT: 3.74 min Scan# 295
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion:108 Resp: 379625
Ion Ratio Lower Upper
108 100
106 109.8 85.9 128.9
79 13.8 11.0 16.6





#15

Acetone

Concen: 9.26 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

43 100

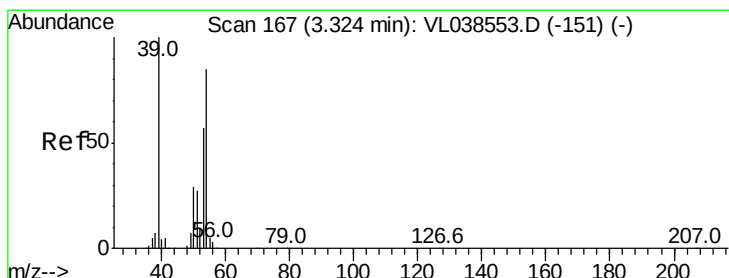
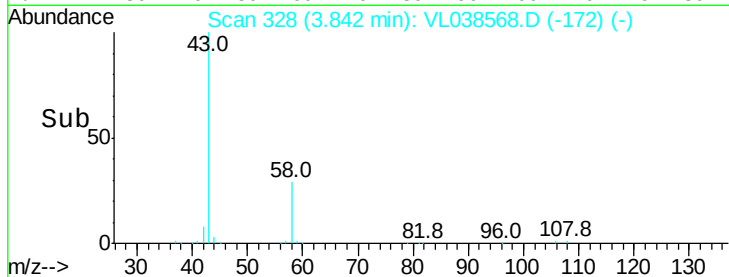
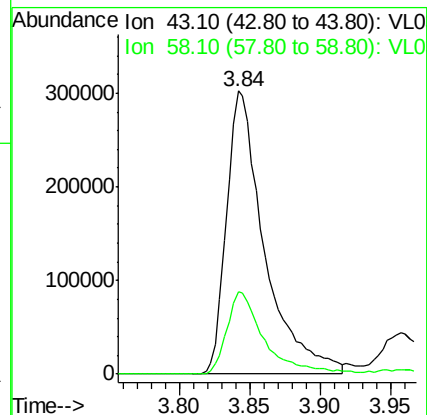
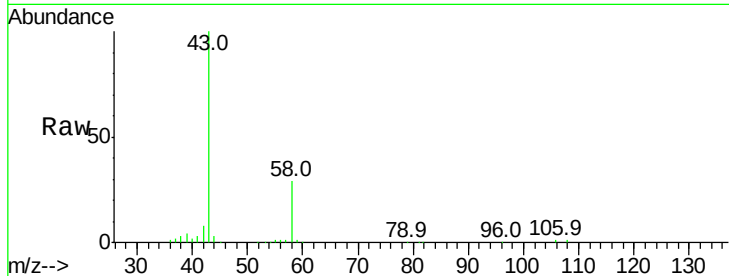
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 9.85 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL038568.D

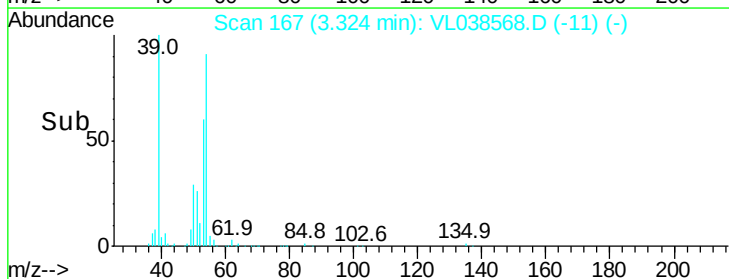
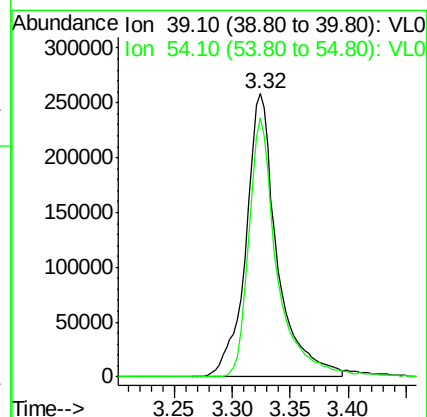
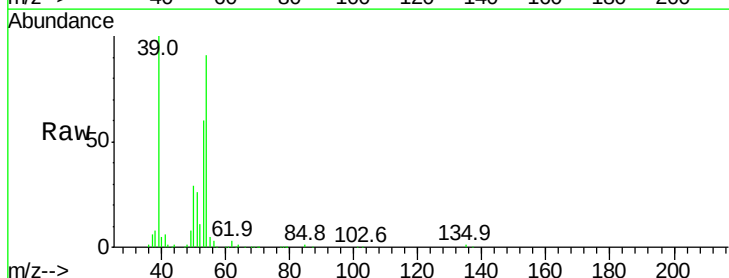
Acq: 9 Mar 2022 3:19

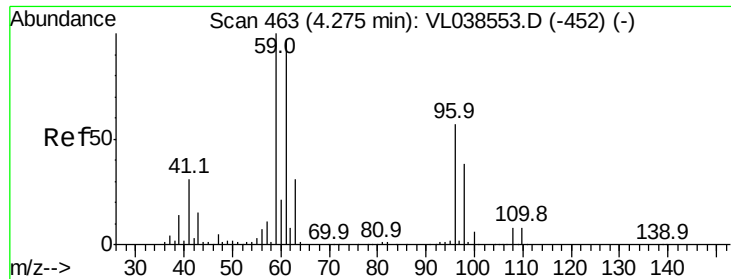
Tgt Ion: 39 Resp: 486572

Ion Ratio Lower Upper

39 100

54 83.0 64.2 96.2





#17

tert-Butyl alcohol

Concen: 9.25 ppbv

RT: 4.28

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: VL0308ABS01

Acq: 9 Mar 2022 3:19

Tgt Ion: 59

Ion Ratio: 100

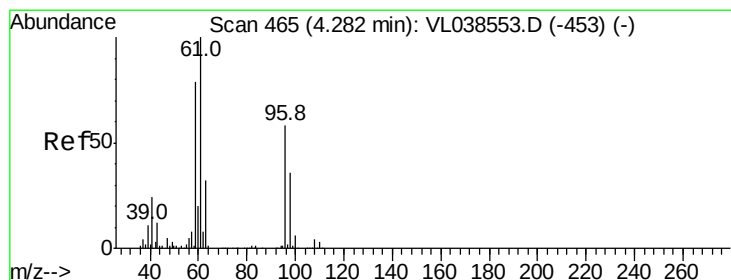
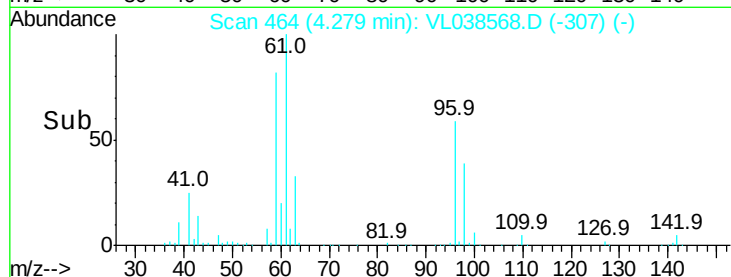
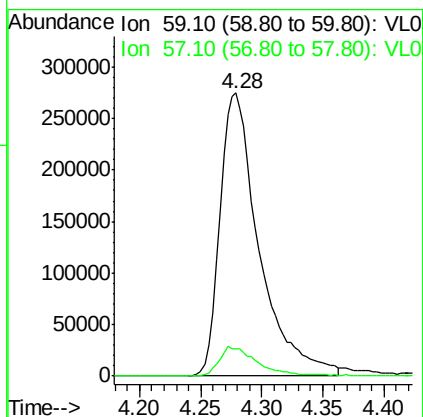
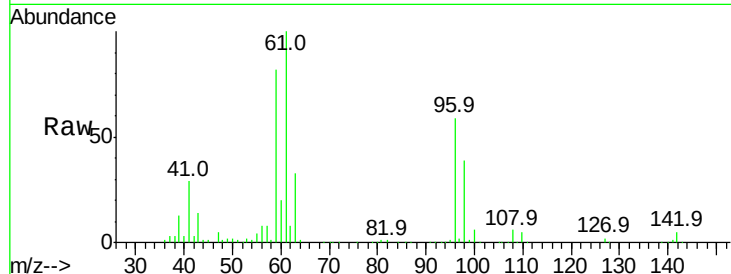
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#18

1,1-Dichloroethene

Concen: 9.62 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

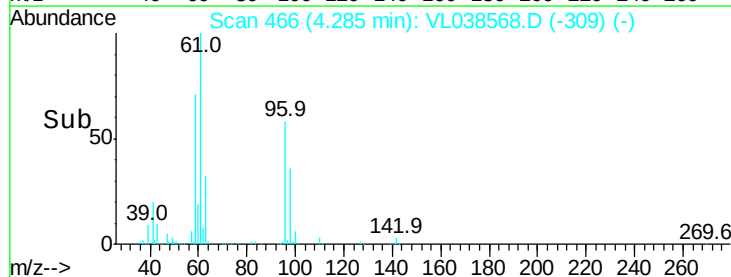
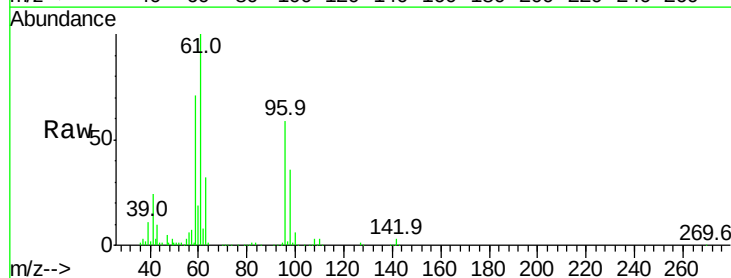
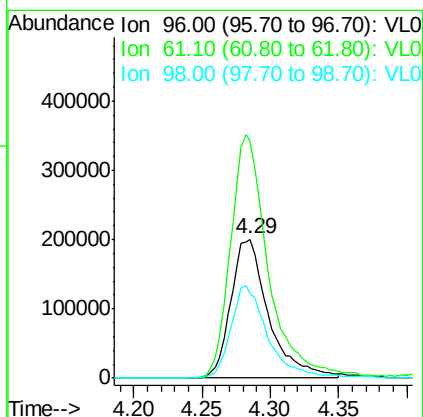
Tgt Ion: 96 Resp: 386481

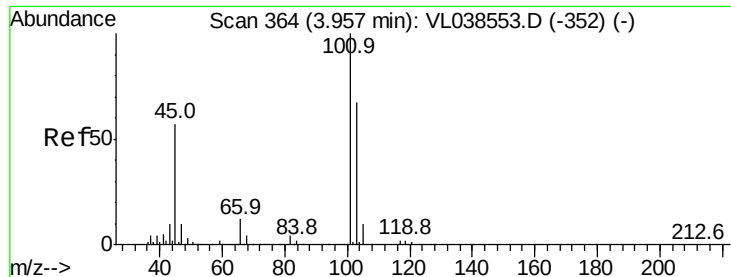
Ion Ratio Lower Upper

96 100

61 170.9 137.4 206.0

98 61.5 49.3 73.9



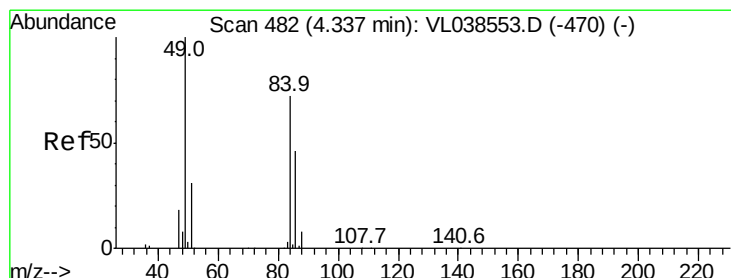
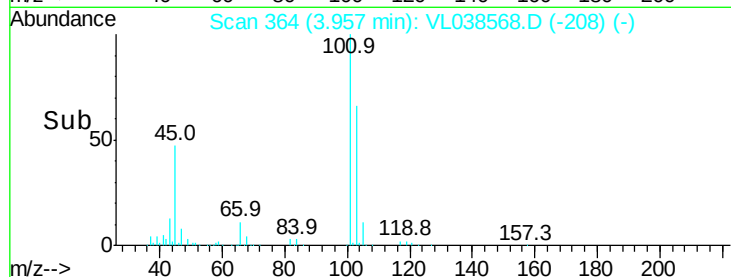
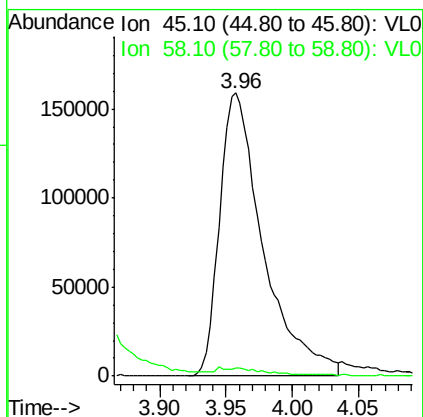
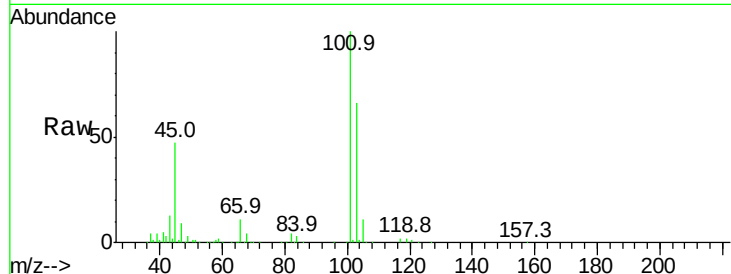


#19
Isopropyl Alcohol
Concen: 8.81 ppbv
RT: 3.96
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
45 100
58 3.

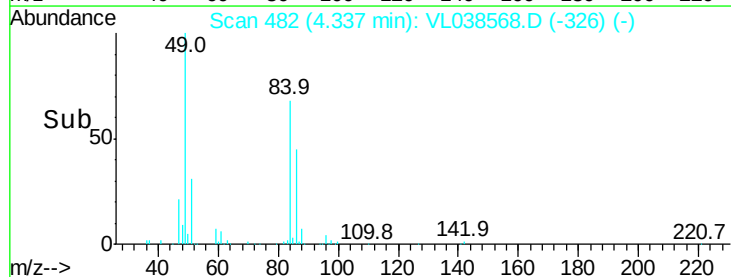
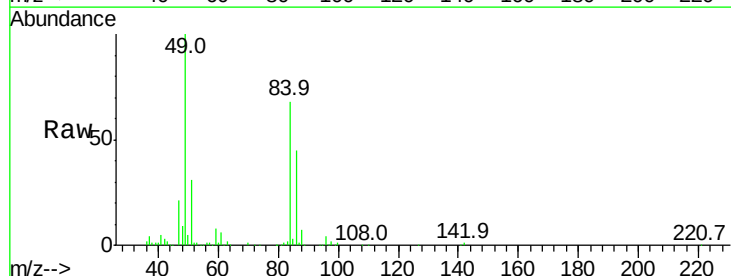
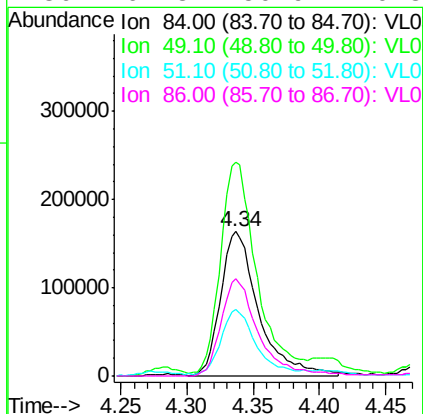
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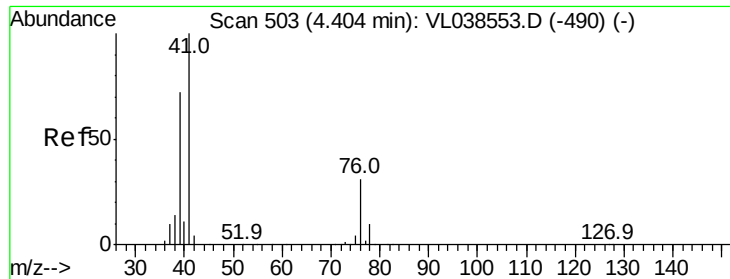
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#20
Methylene Chloride
Concen: 8.71 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 84 Resp: 322184
Ion Ratio Lower Upper
84 100
49 146.6 111.1 166.7
51 44.9 34.0 51.0
86 67.3 50.9 76.3



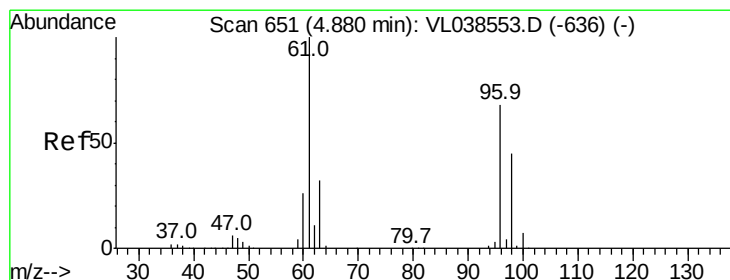
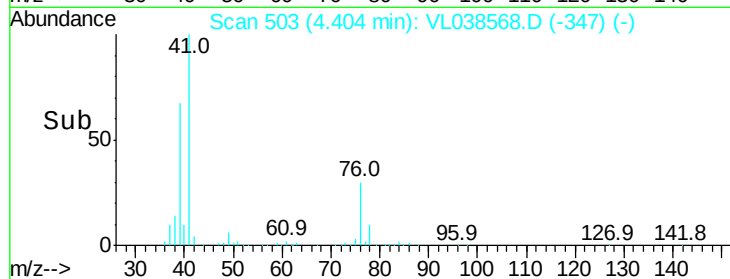
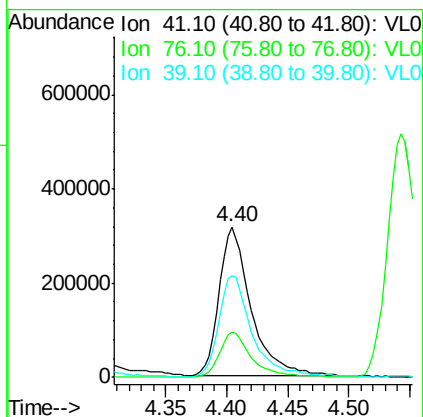
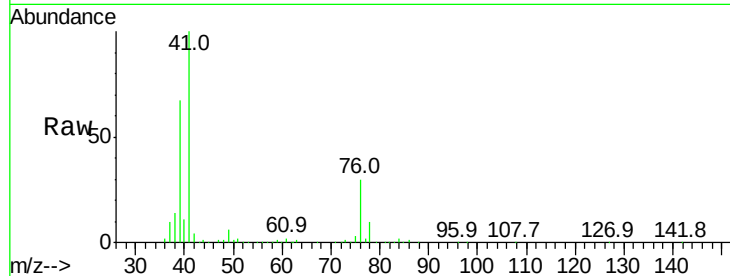


#21
 Allyl Chloride
 Concen: 9.78 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

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

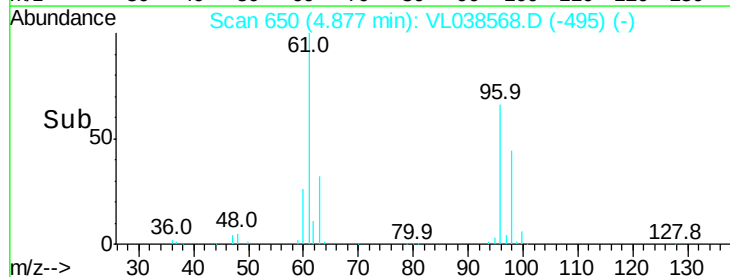
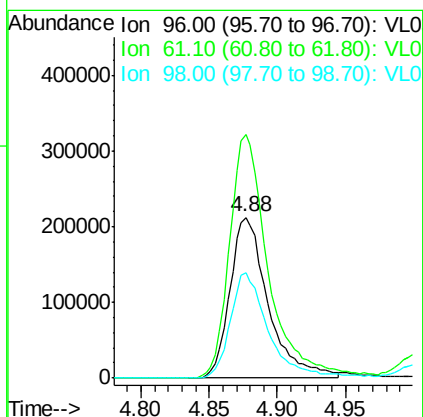
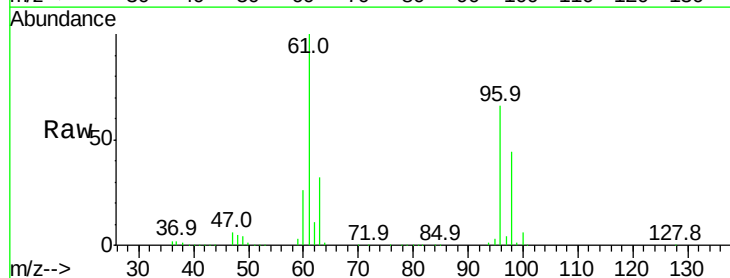
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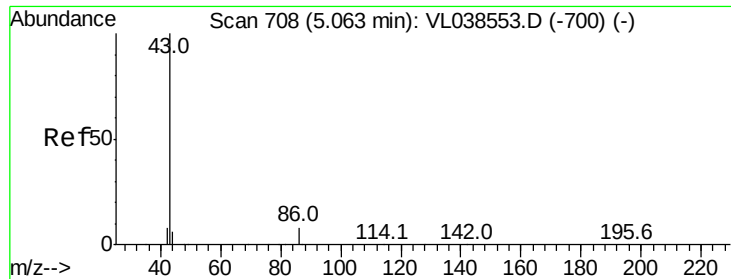
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.86 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 96 Resp: 414956
 Ion Ratio Lower Upper
 96 100
 61 151.2 117.6 176.4
 98 65.8 52.6 78.8



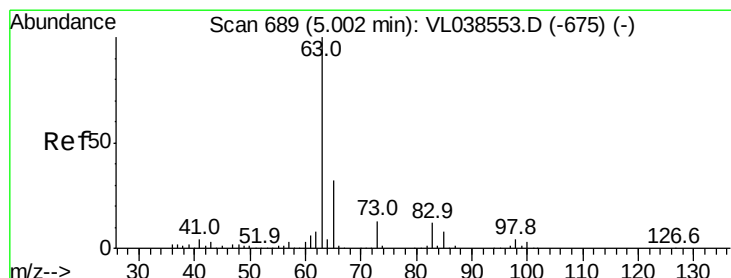
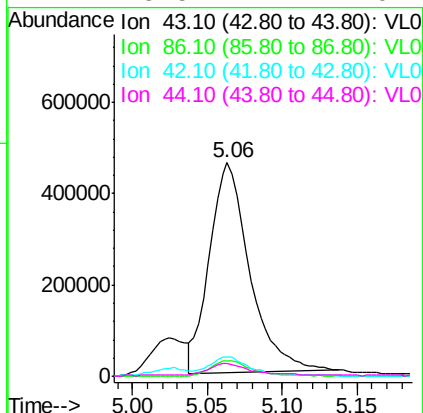
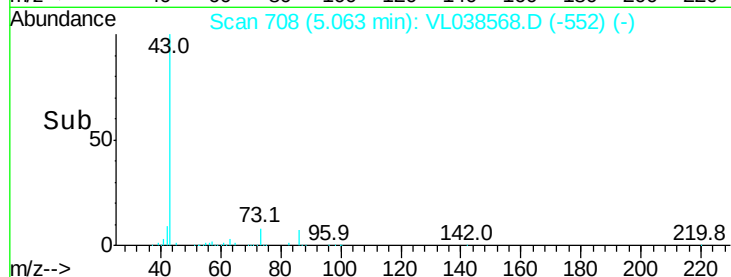
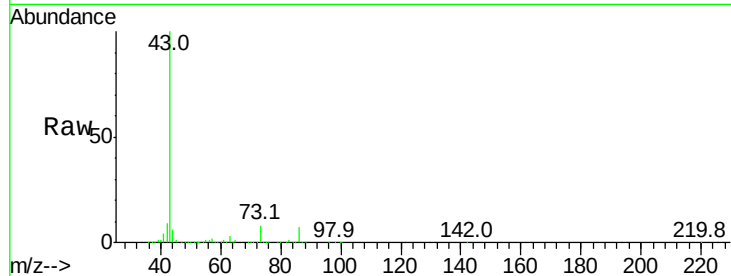


#23
 Vinyl Acetate
 Concen: 9.80 ppbv
 RT: 5.06
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion: 43
 Ion Ratio: 100
 86 7.
 42 9.
 44 5.5 4.1 6.1

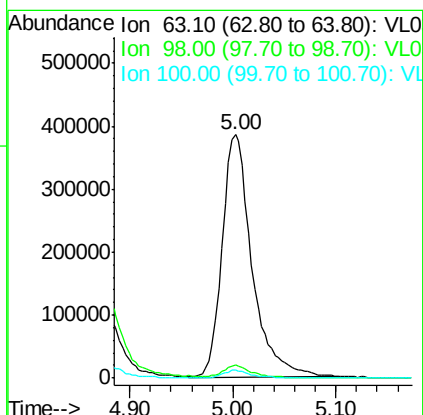
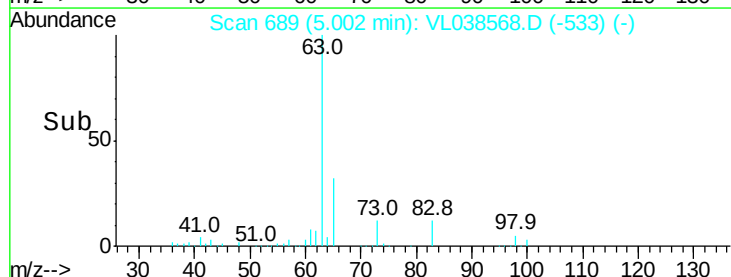
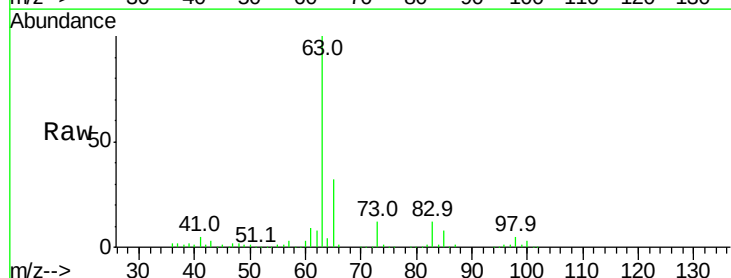
Manual Integrations
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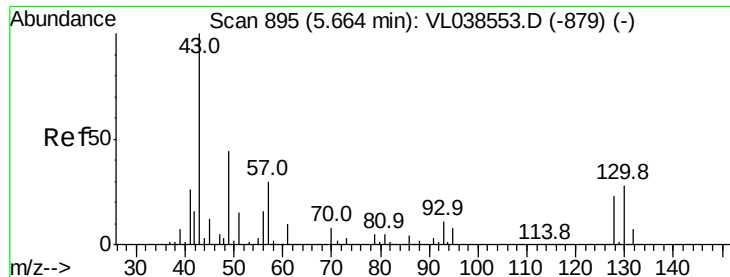
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 9.70 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 63 Resp: 777846
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.2 6.6
 100 3.0 1.5 4.5



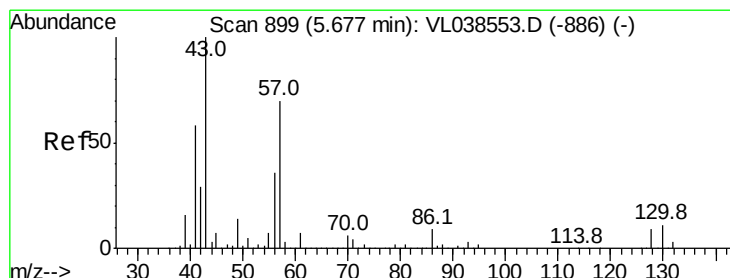
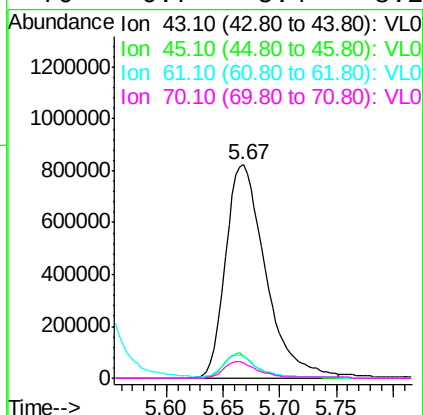
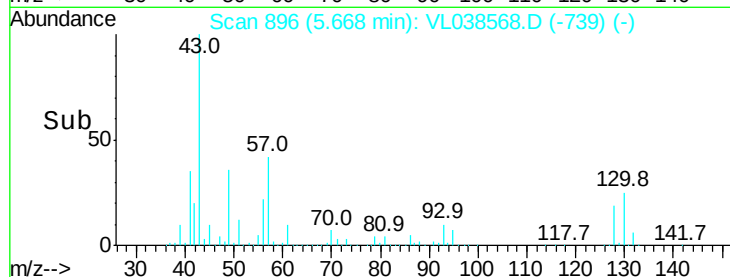
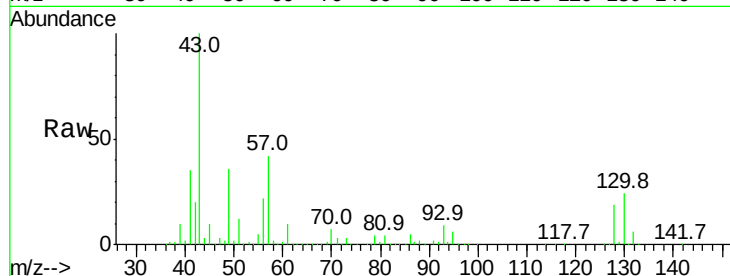


#25
Ethyl Acetate
Concen: 9.76 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
43 100
45 10.
61 10.
70 6.7 5.4 8.2

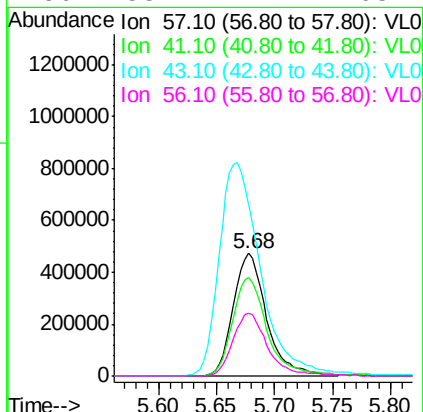
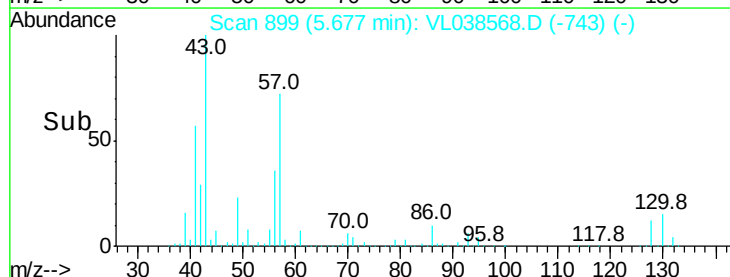
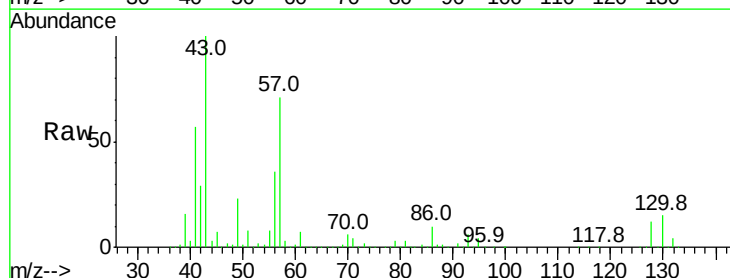
Manual Integrations
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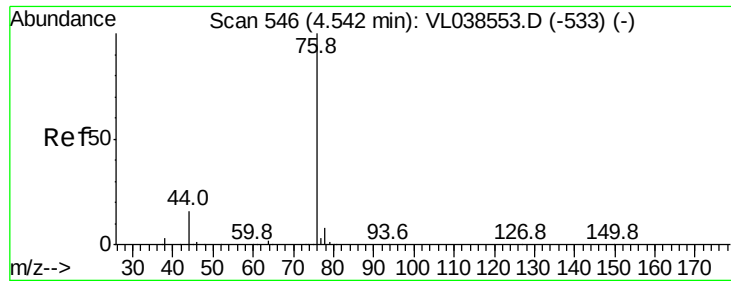
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 9.76 ppbv
RT: 5.68 min Scan# 899
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 57 Resp: 948710
Ion Ratio Lower Upper
57 100
41 83.8 67.8 101.6
43 216.7 173.6 260.4
56 53.1 42.2 63.2





#27

Carbon Disulfide

Concen: 10.55 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

76 100

44 15.

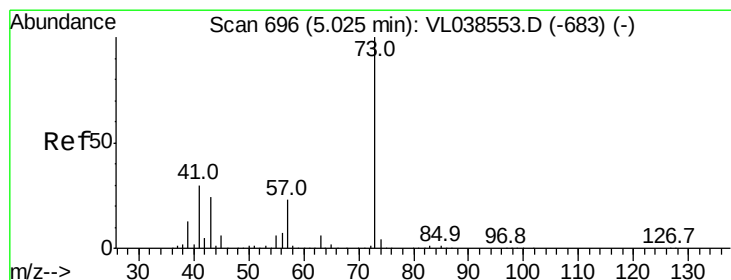
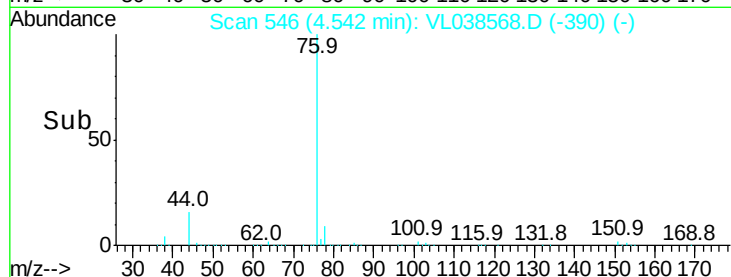
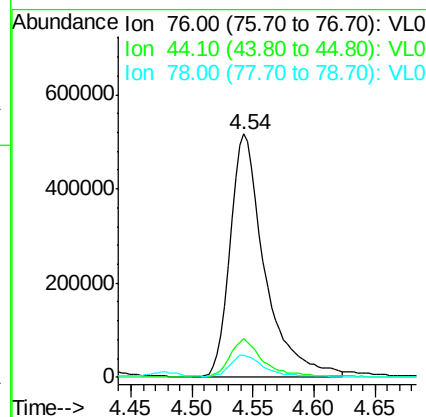
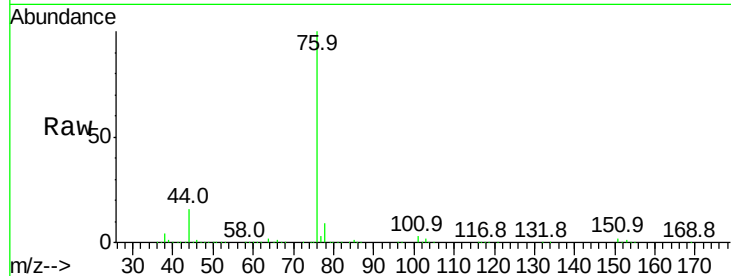
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#28

Methyl tert-Butyl Ether

Concen: 9.44 ppbv

RT: 5.02 min Scan# 695

Delta R.T. -0.00 min

Lab File: VL038568.D

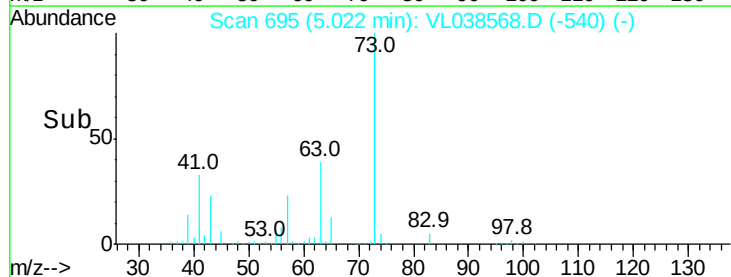
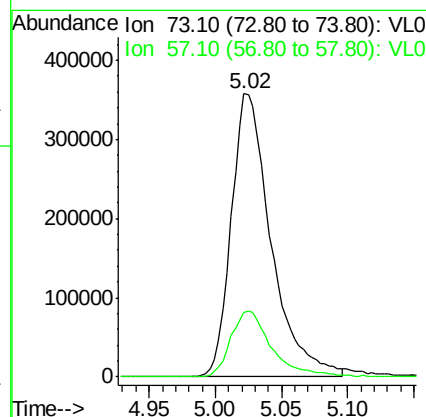
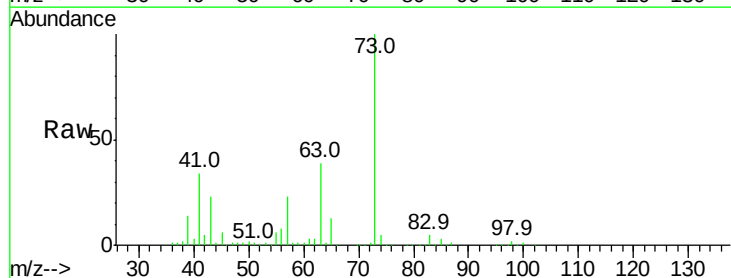
Acq: 9 Mar 2022 3:19

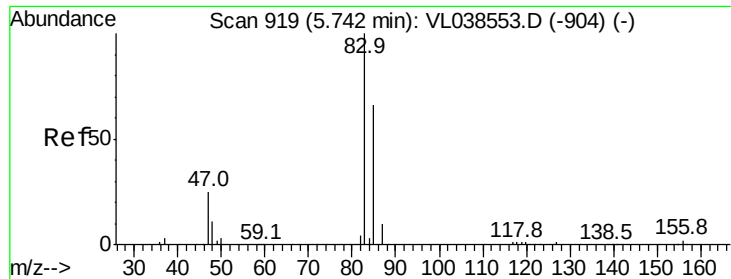
Tgt Ion: 73 Resp: 747387

Ion Ratio Lower Upper

73 100

57 24.3 18.8 28.2



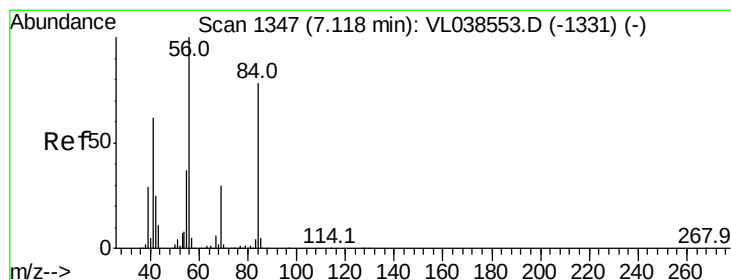
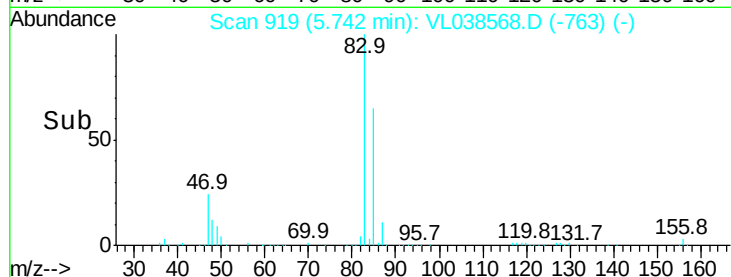
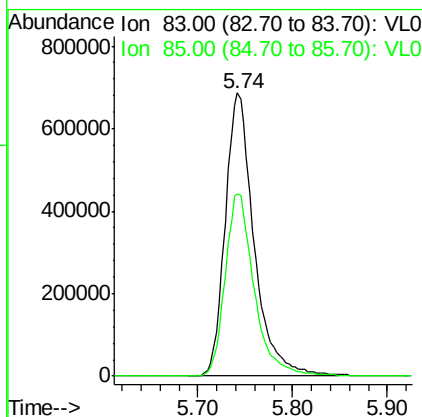
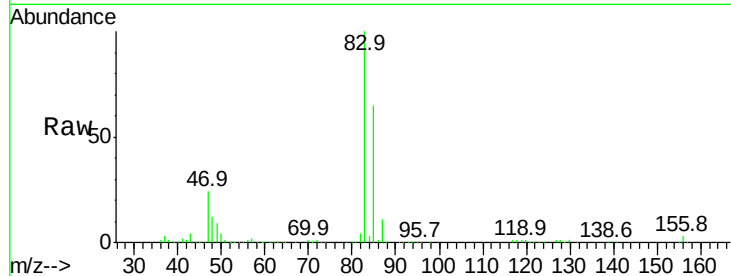


#29
Chloroform
Concen: 9.58 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
83 100
85 64.

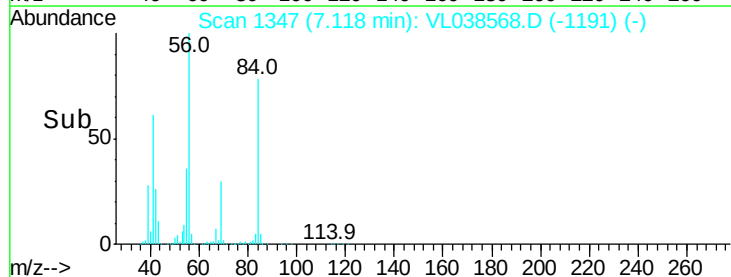
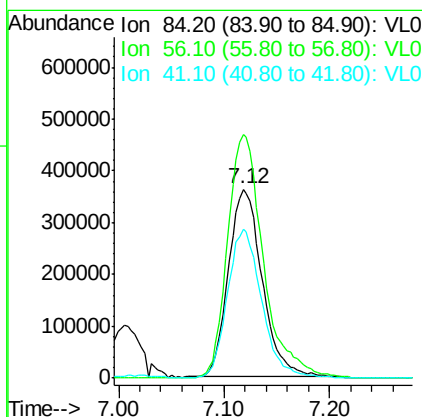
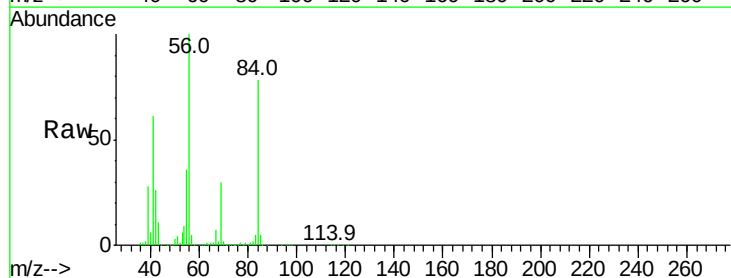
Manual Integrations
APPROVED

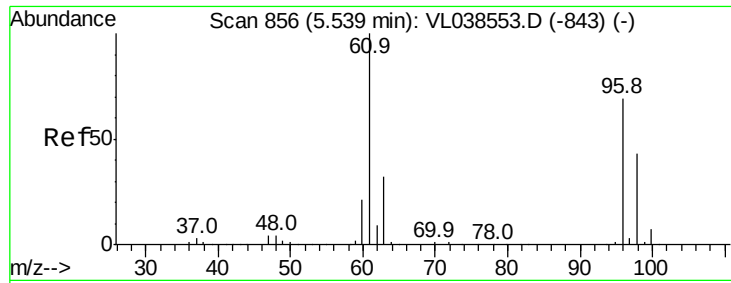
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 9.58 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 84 Resp: 805704
Ion Ratio Lower Upper
84 100
56 138.4 111.4 167.0
41 81.1 65.5 98.3



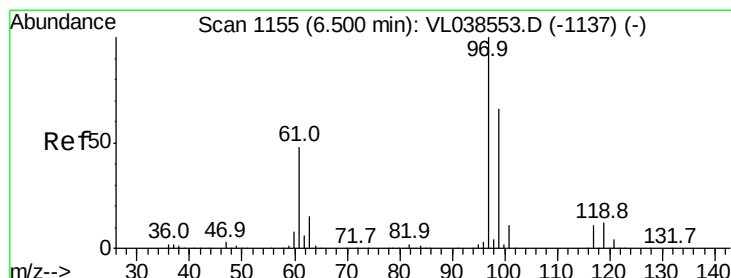
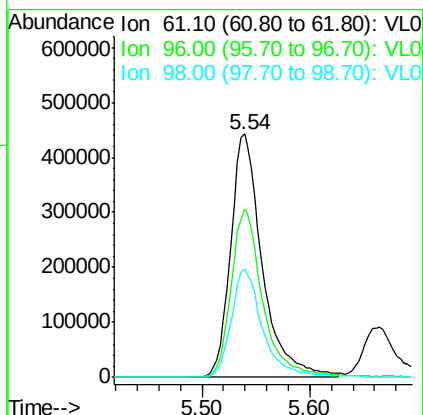
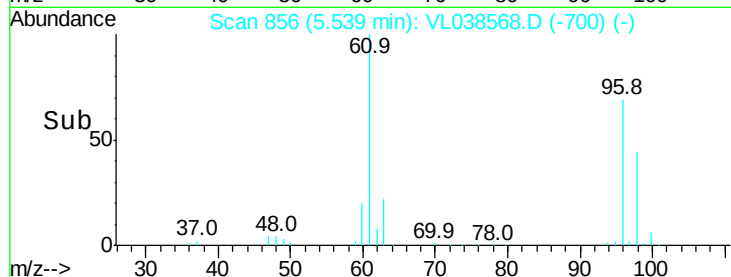
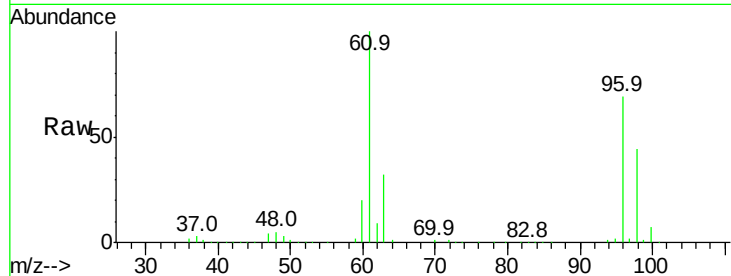


#31
 cis-1,2-Dichloroethene
 Concen: 9.70 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 Mar 2022 3:19

Tgt Ion:
 Ion Ratio
 61 100
 96 68.
 98 44.

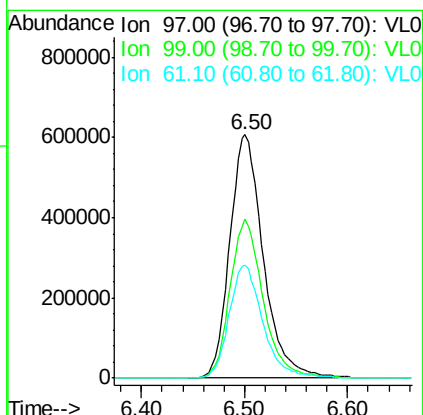
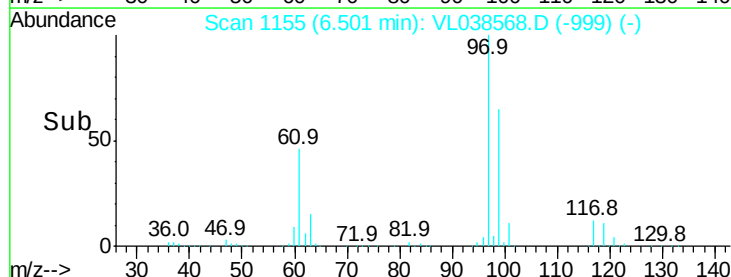
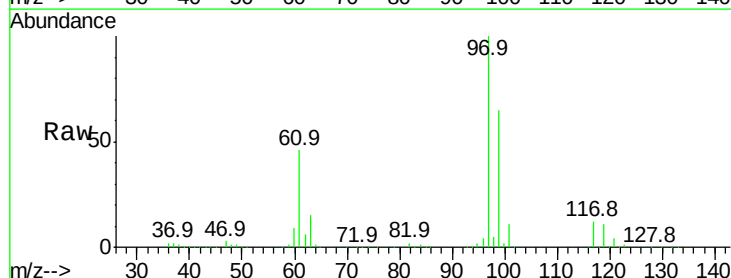
Manual Integrations
 APPROVED

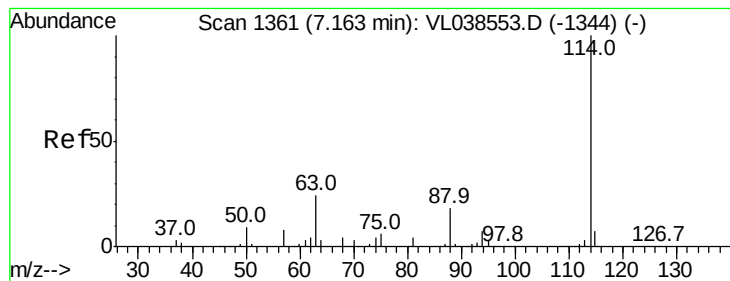
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.37 ppbv
 RT: 6.50 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 97 Resp: 1374377
 Ion Ratio Lower Upper
 97 100
 99 64.7 52.1 78.1
 61 47.0 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:1

Ion Rati

114 100

63 24.

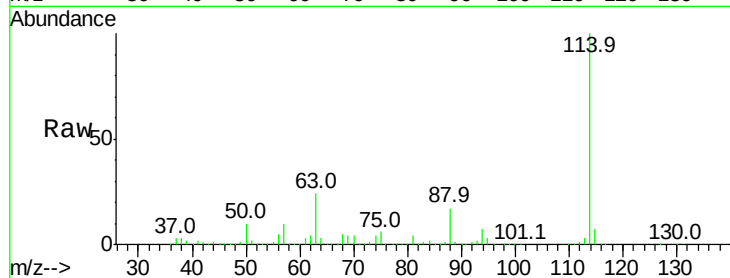
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

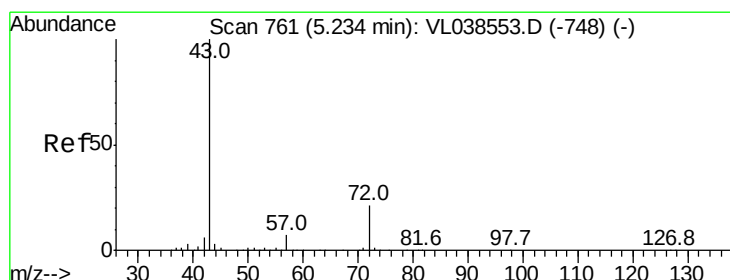
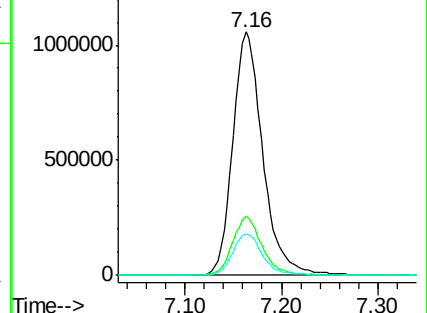
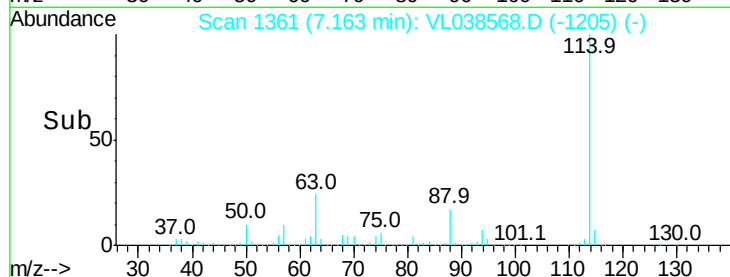
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 10.60 ppbv

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VL038568.D

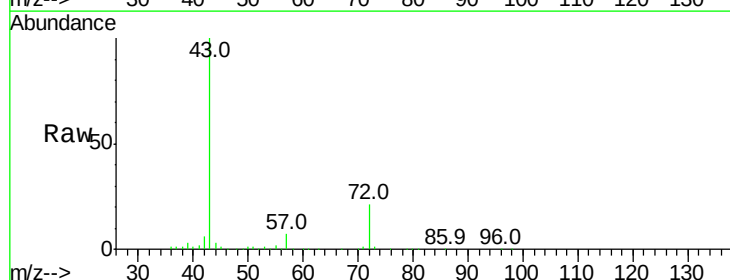
Acq: 9 Mar 2022 3:19

Tgt Ion: 43 Resp: 624626

Ion Ratio Lower Upper

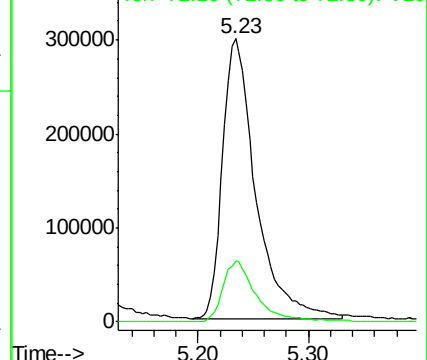
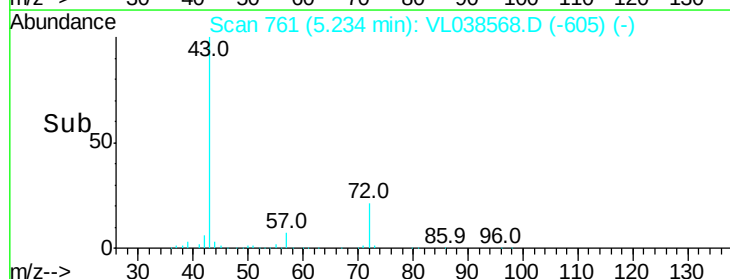
43 100

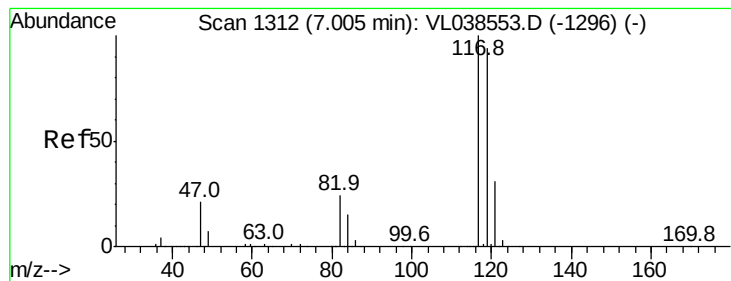
72 22.3 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 9.41 ppbv

RT: 7.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:1

Ion Ratio

117 100

119 96.

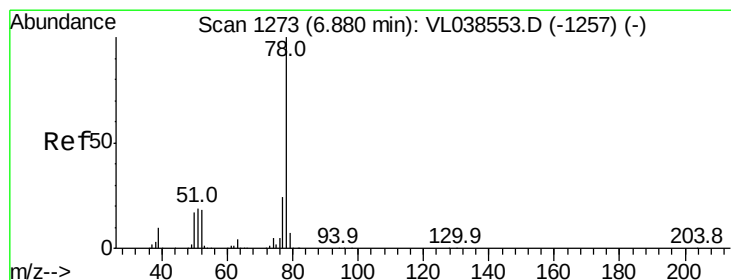
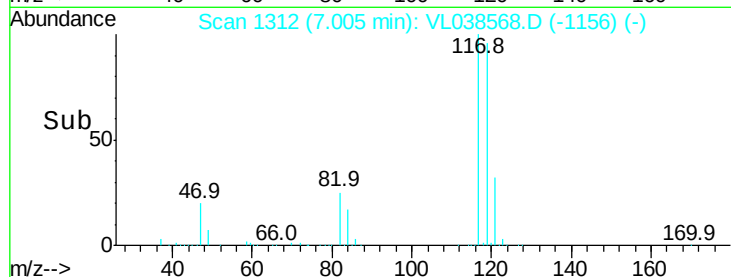
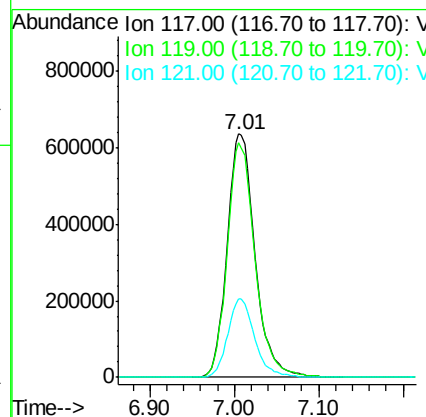
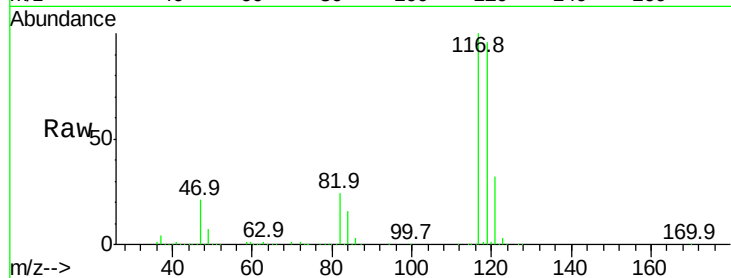
121 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#36

Benzene

Concen: 9.71 ppbv

RT: 6.88 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

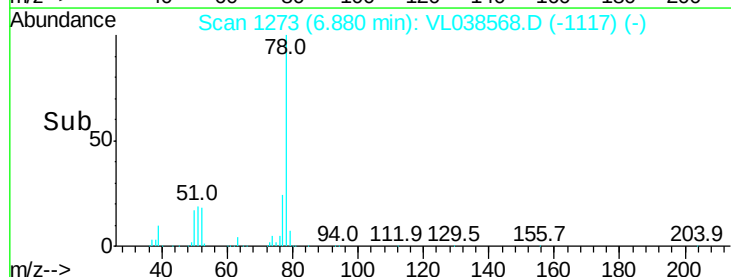
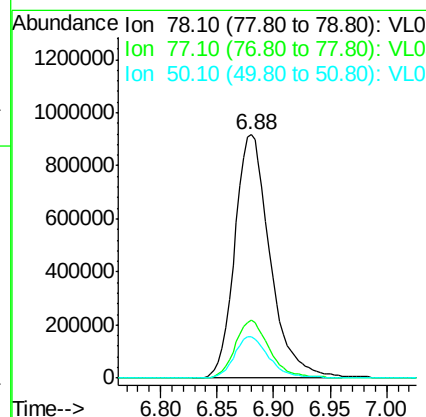
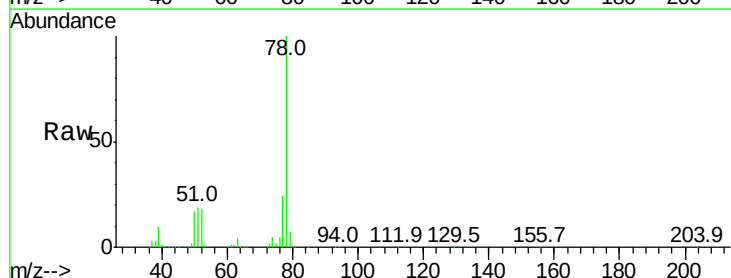
Tgt Ion: 78 Resp: 1991958

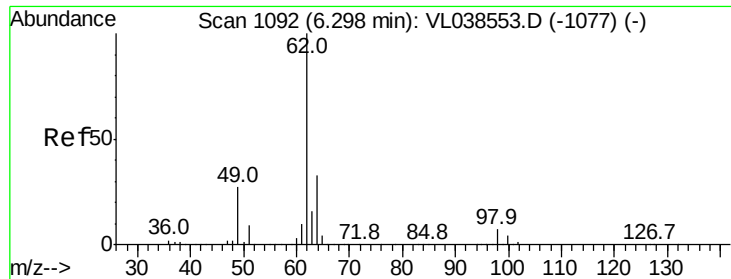
Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4

50 17.1 13.9 20.9





#37

1,2-Dichloroethane

Concen: 9.87 ppbv

RT: 6.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

62 100

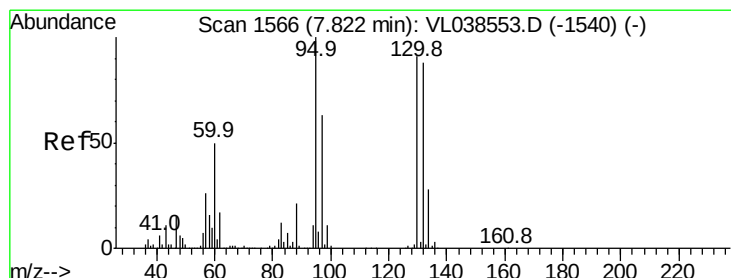
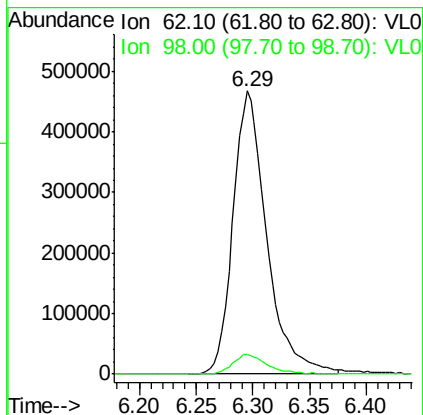
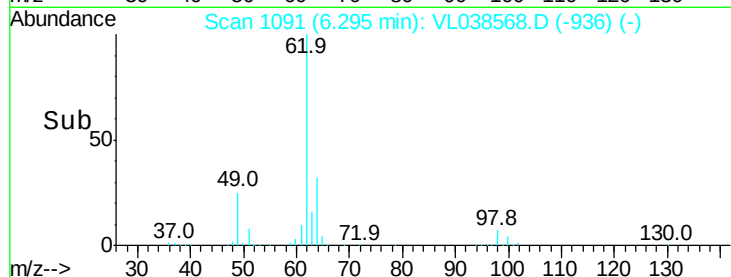
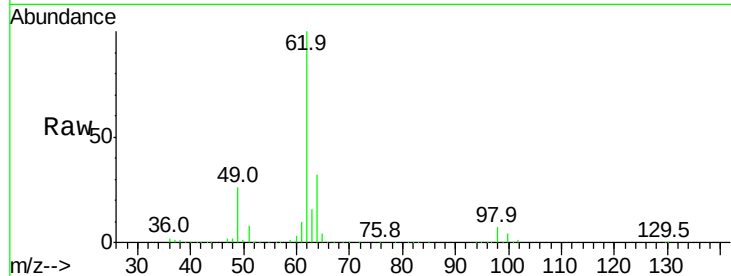
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#38

Trichloroethene

Concen: 9.25 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

Tgt Ion:130 Resp: 758623

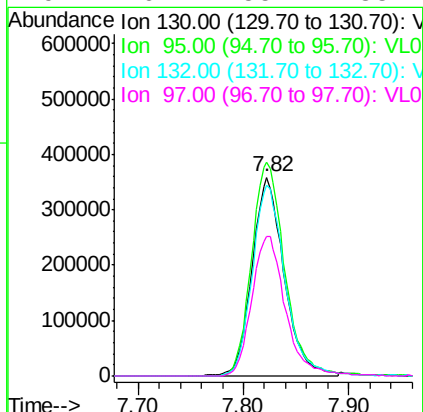
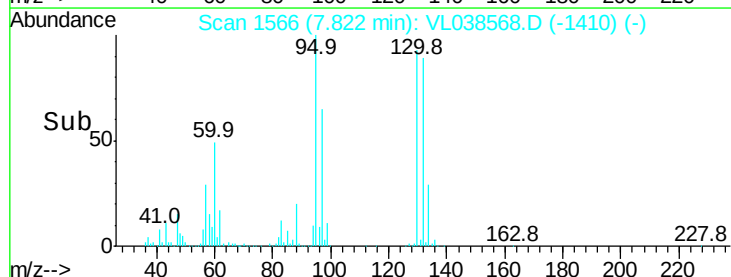
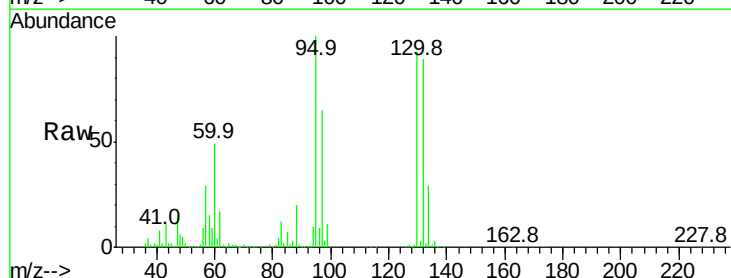
Ion Ratio Lower Upper

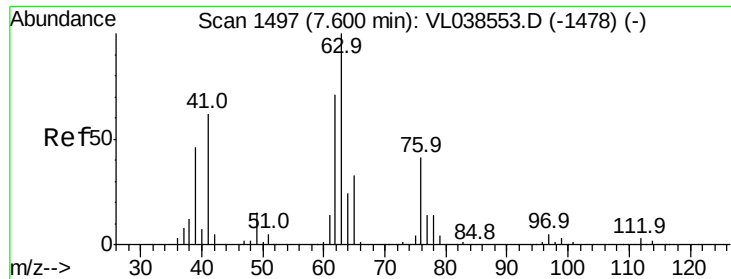
130 100

95 107.7 87.8 131.8

132 95.8 77.5 116.3

97 70.1 55.4 83.2



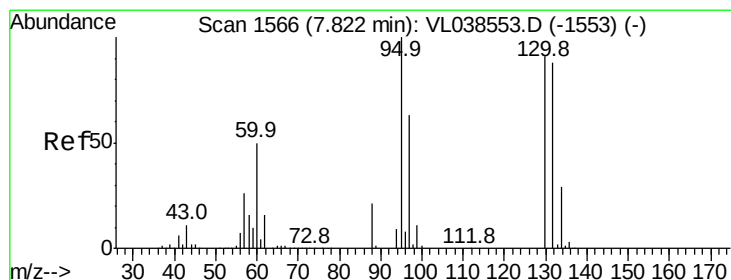
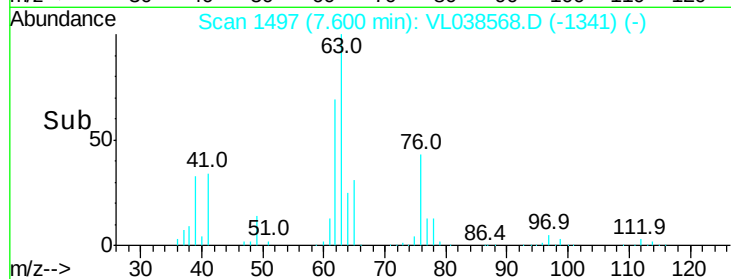
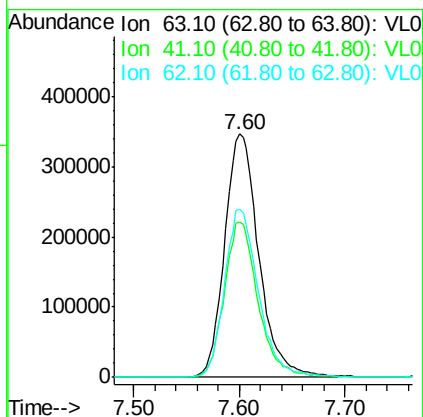
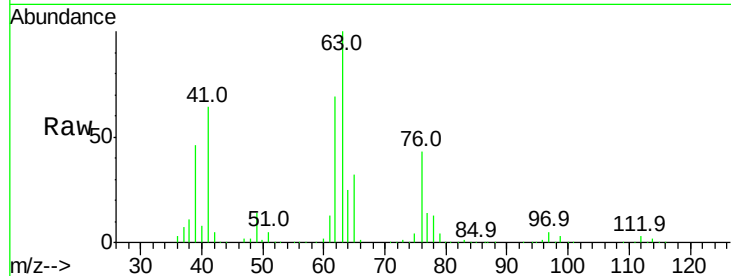


#39
 1,2-Dichloropropane
 Concen: 9.82 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:
 Ion Ratio
 63 100
 41 63.
 62 68.

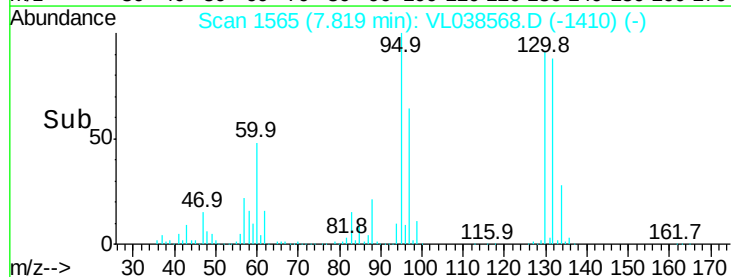
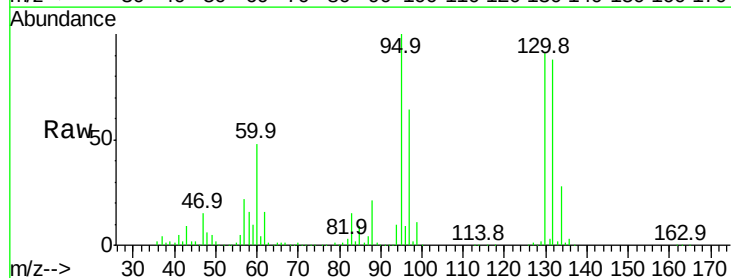
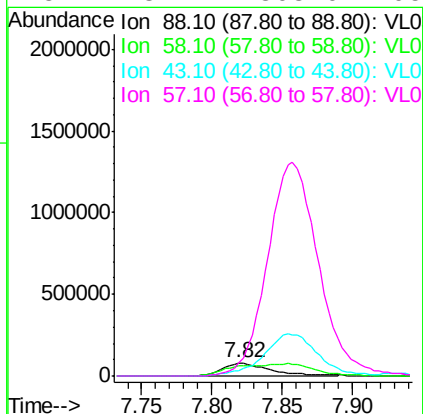
Manual Integrations
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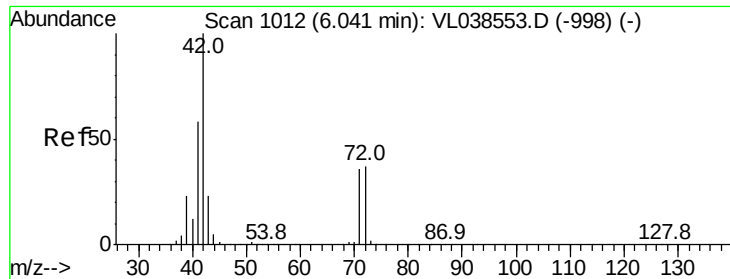
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 9.45 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 88 Resp: 186654
 Ion Ratio Lower Upper
 88 100
 58 161.8 126.7 190.1
 43 370.5 303.0 454.6
 57 1781.4 1368.6 2053.0



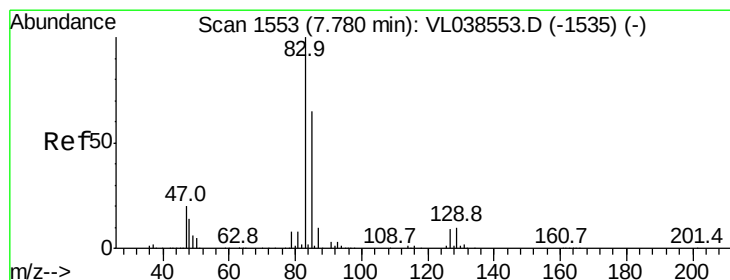
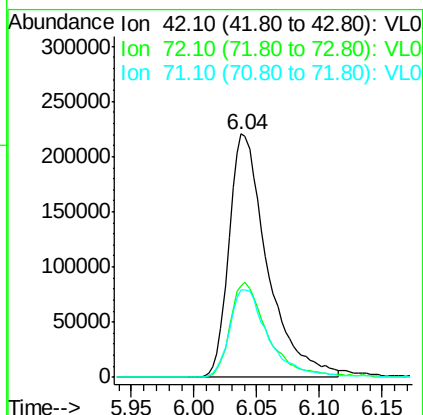
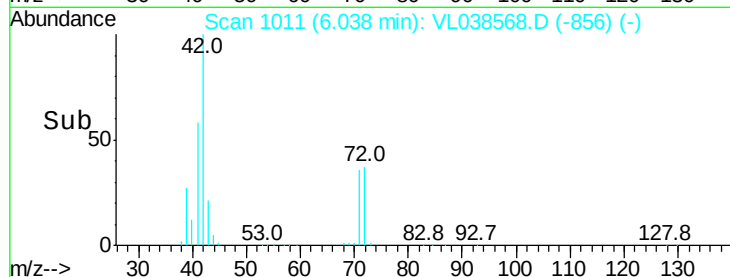
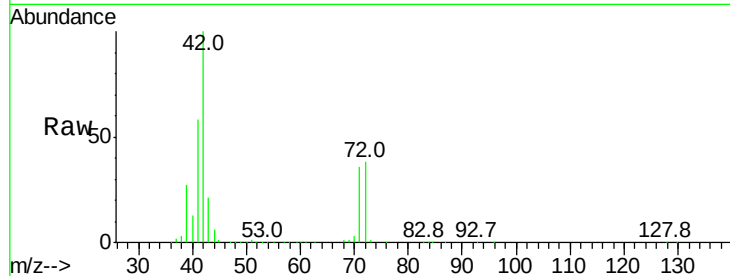


#41
Tetrahydrofuran
Concen: 9.72 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0308ABS01
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
42 100
72 38.
71 37.

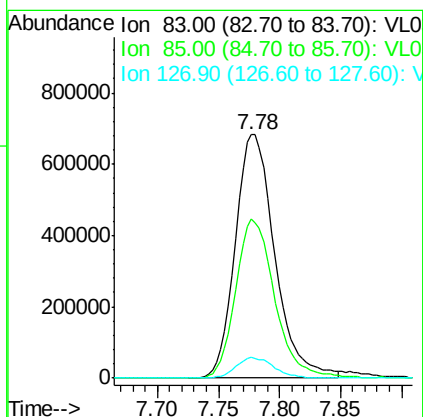
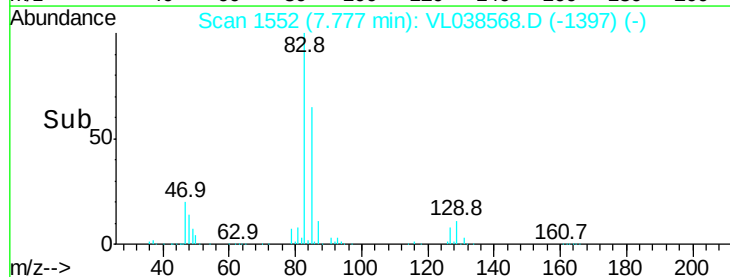
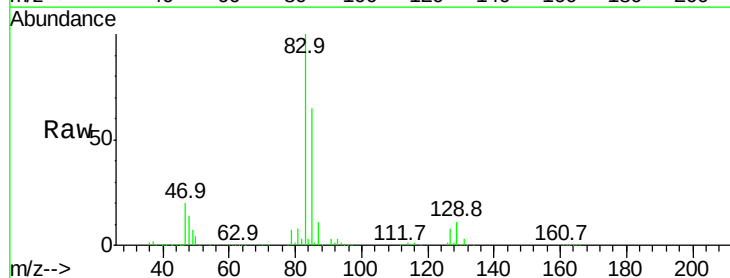
Manual Integrations
APPROVED

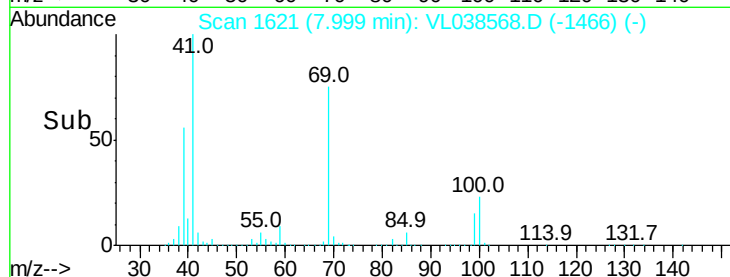
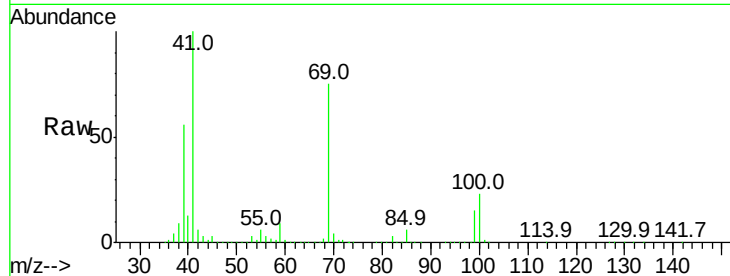
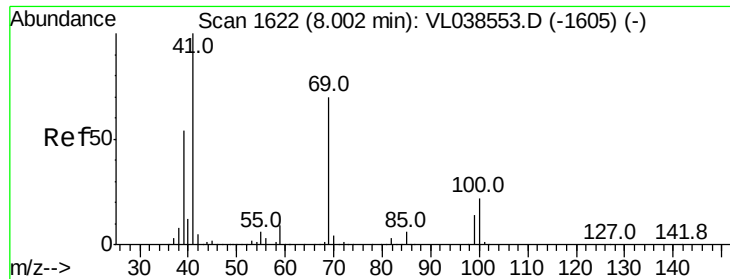
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 9.86 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 83 Resp: 1532919
Ion Ratio Lower Upper
83 100
85 65.2 51.7 77.5
127 8.4 6.9 10.3





#43

Methyl Methacrylate

Concen: 10.39 ppbv

RT: 8.00

Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VL0308ABS01

Acq: 9 Mar 2022 3:19

Tgt Ion:

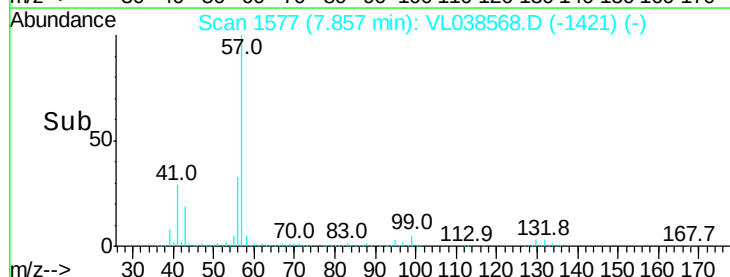
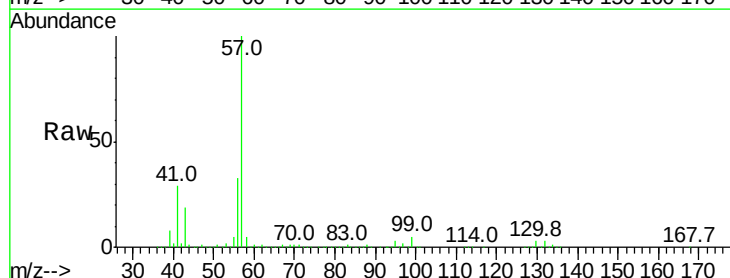
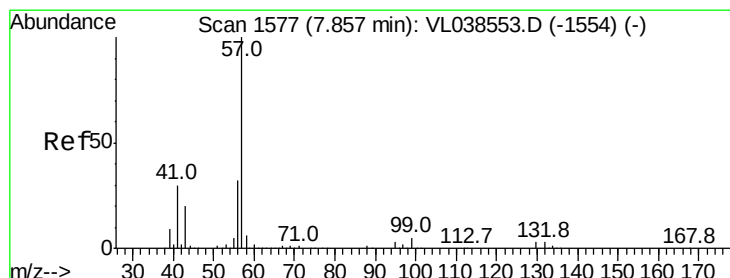
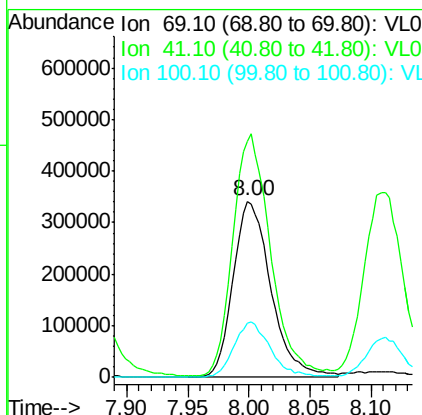
Ion	Ratio
69	100
41	139.
100	30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#44

2,2,4-Trimethylpentane

Concen: 9.57 ppbv

RT: 7.86 min Scan# 1577

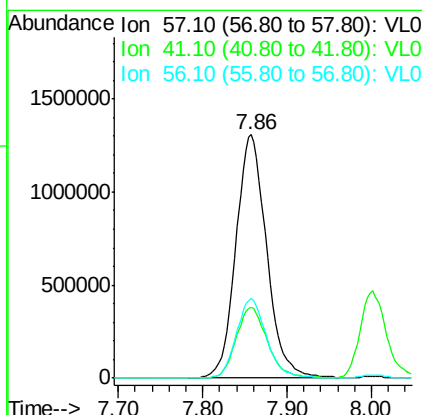
Delta R.T. 0.00 min

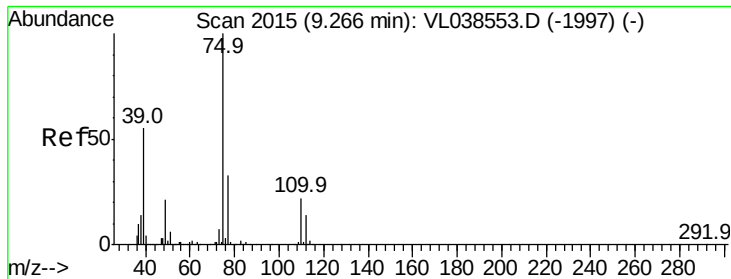
Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

Tgt Ion: 57 Resp: 3319916

Ion	Ratio	Lower	Upper
57	100		
41	29.7	24.0	36.0
56	31.9	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 11.25 ppbv

RT: 9.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19 VL0308ABS01

Tgt Ion:

Ion Ratio

75 100

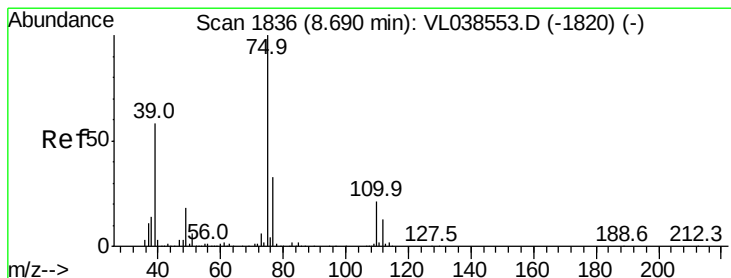
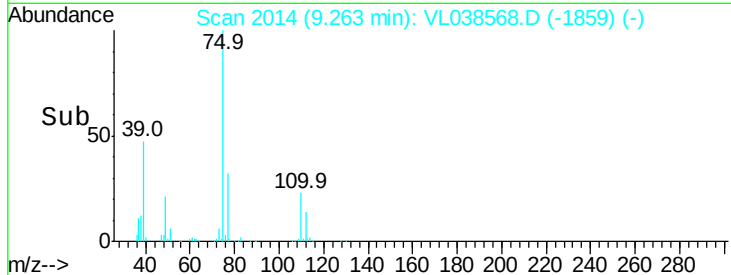
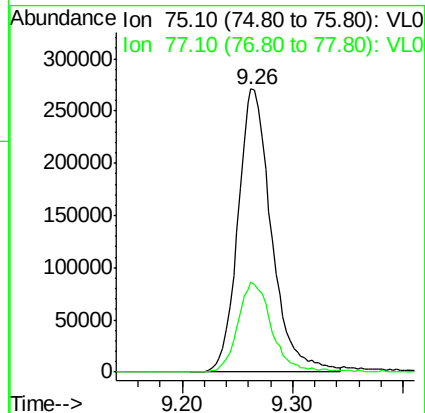
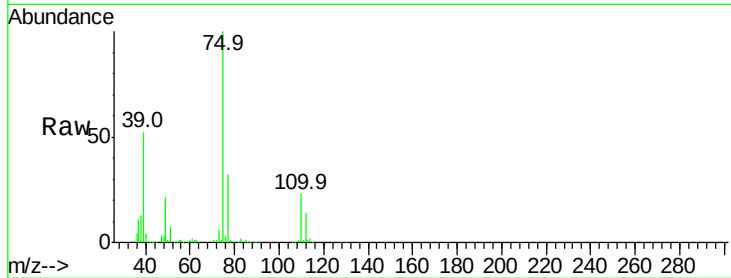
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 10.95 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

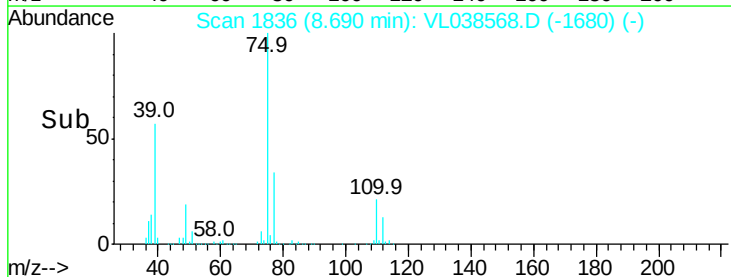
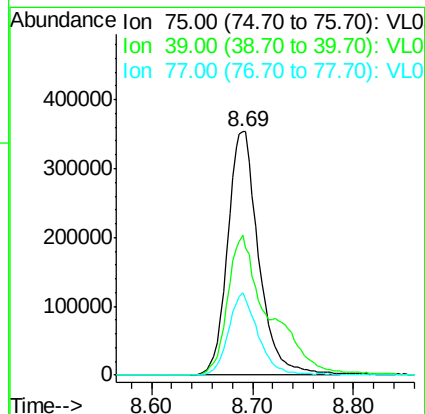
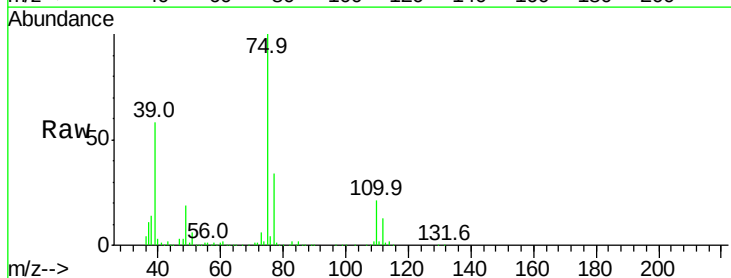
Tgt Ion: 75 Resp: 760493

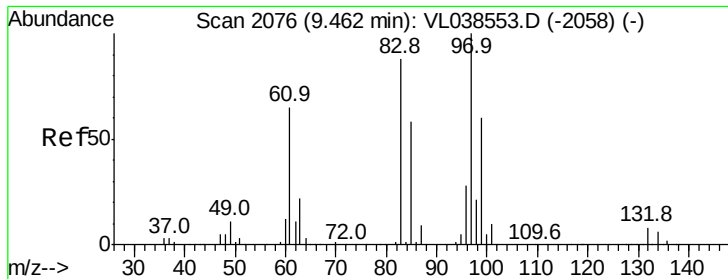
Ion Ratio Lower Upper

75 100

39 57.4 46.2 69.2

77 33.6 26.2 39.2



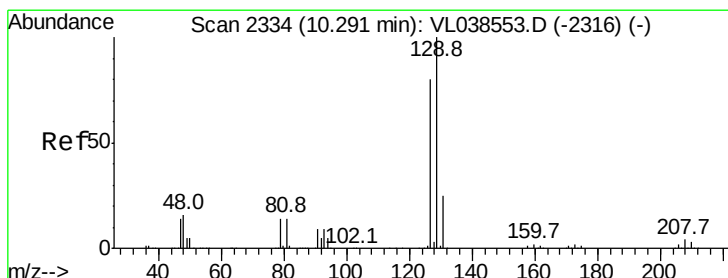
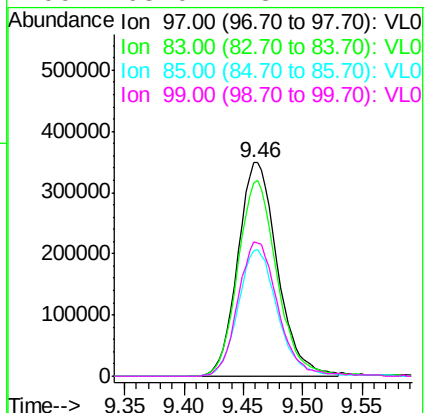
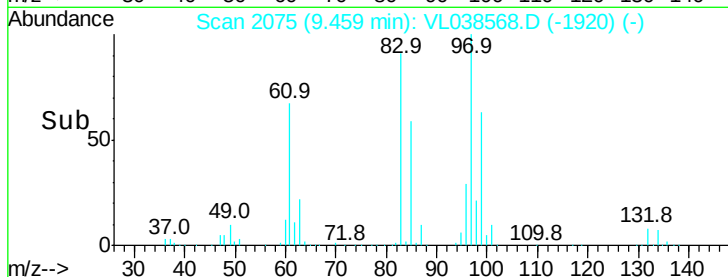
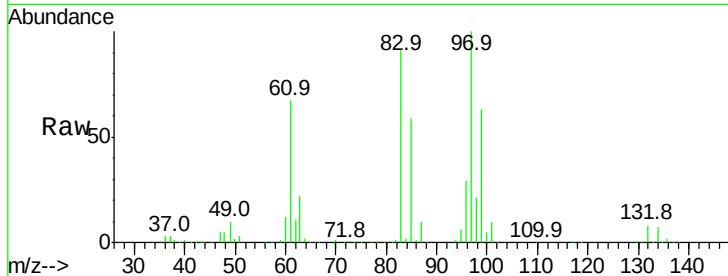


#47
 1,1,2-Trichloroethane
 Concen: 10.01 ppbv
 RT: 9.46 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:
 Ion Ratio
 97 100
 83 90.
 85 58.
 99 63.0 48.1 72.1

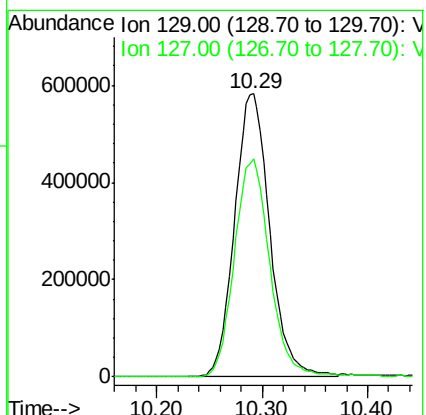
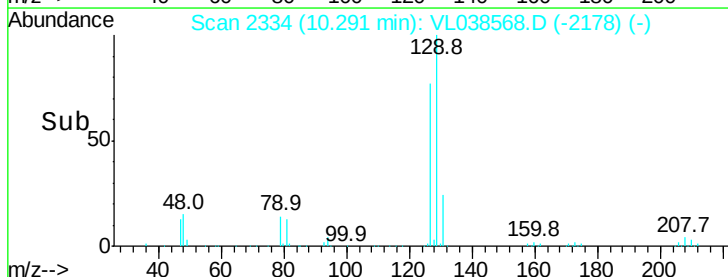
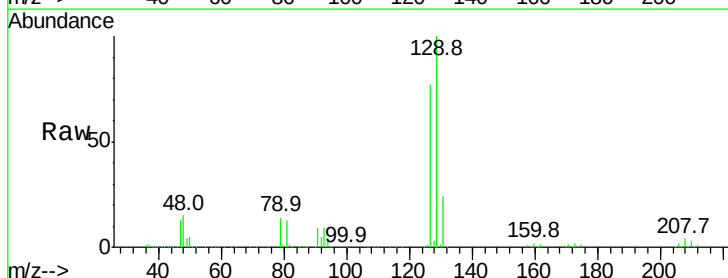
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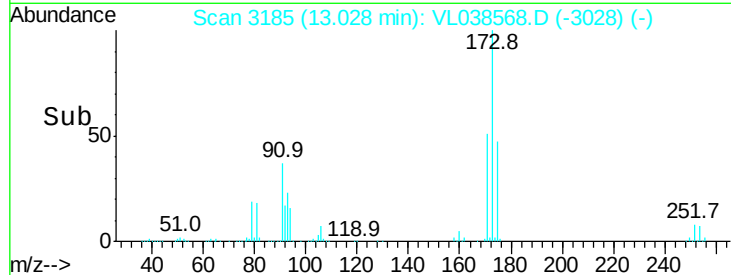
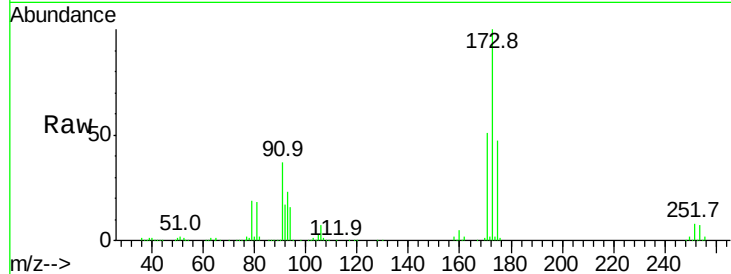
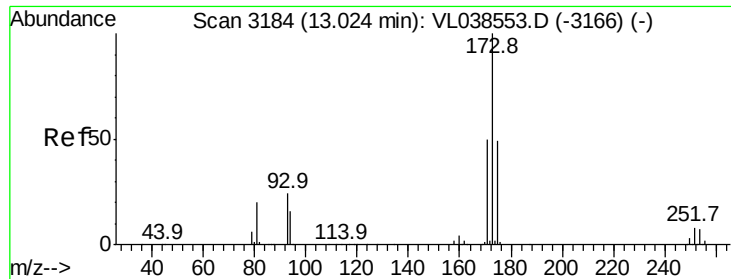
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#48
 Dibromochloromethane
 Concen: 10.57 ppbv
 RT: 10.29 min Scan# 2334
 Delta R.T.: 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:129 Resp: 1349651
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.5 118.3





#49

Bromoform

Concen: 10.86 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:1

Ion Ratio

173 100

175 50.

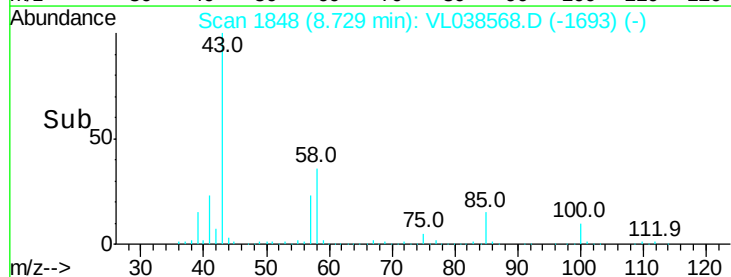
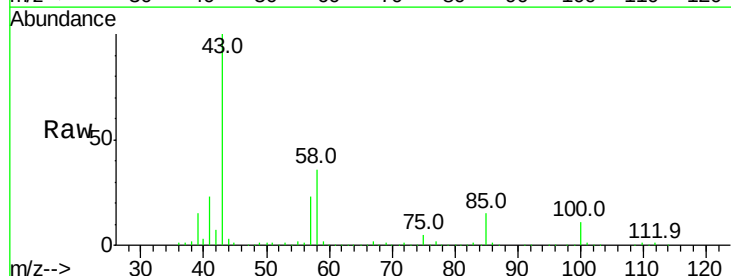
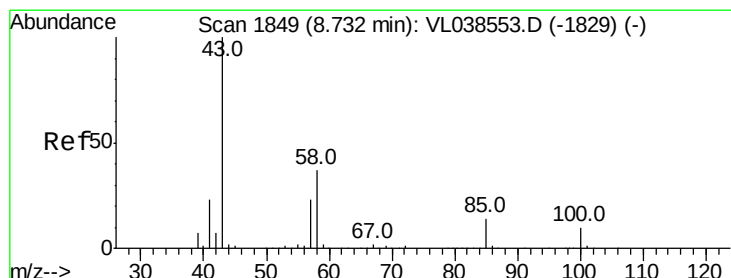
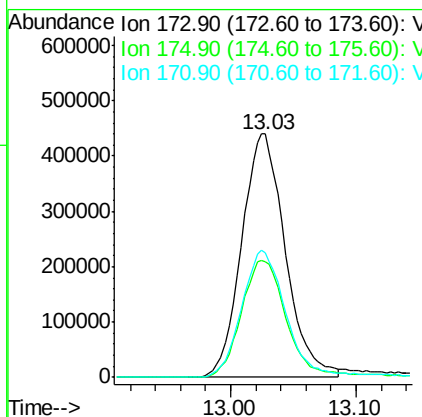
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 10.27 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VL038568.D

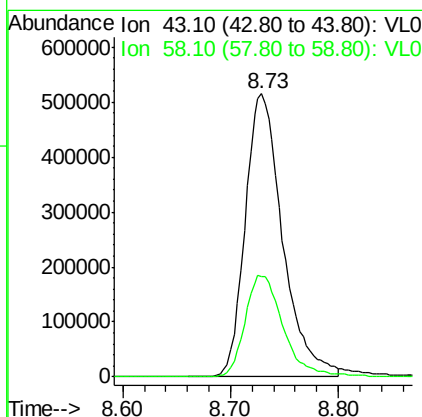
Acq: 9 Mar 2022 3:19

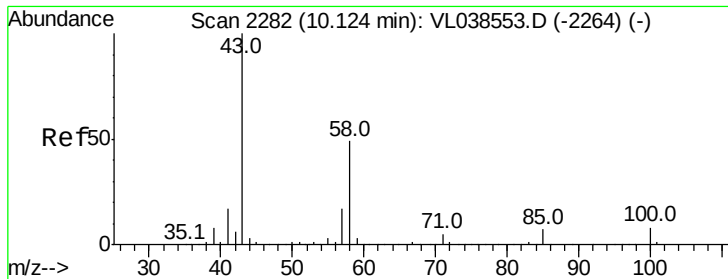
Tgt Ion: 43 Resp: 1241679

Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8





#51

2-Hexanone

Concen: 10.73 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19

Tgt Ion:

Ion Ratio

43 100

58 49.

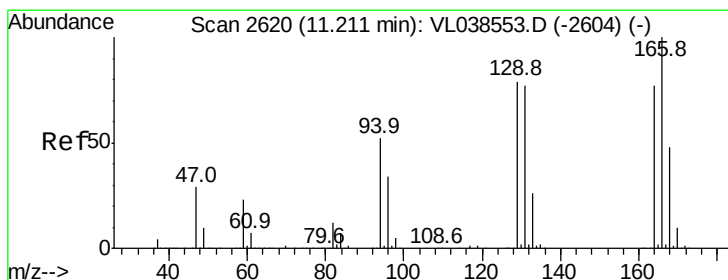
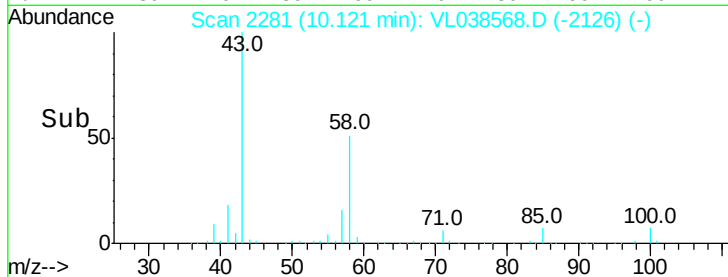
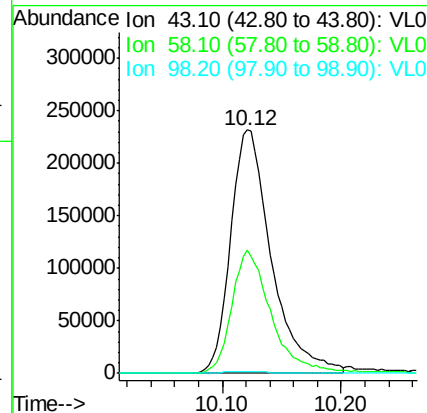
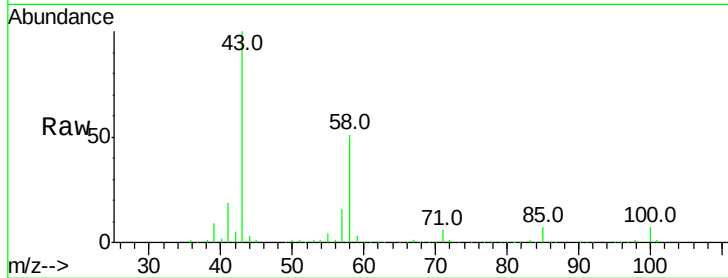
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#52

Tetrachloroethene

Concen: 9.42 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. -0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

Tgt Ion:164 Resp: 708286

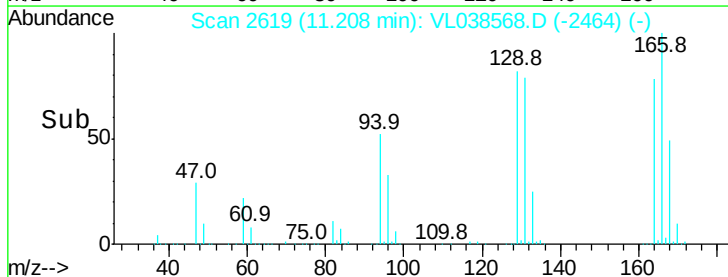
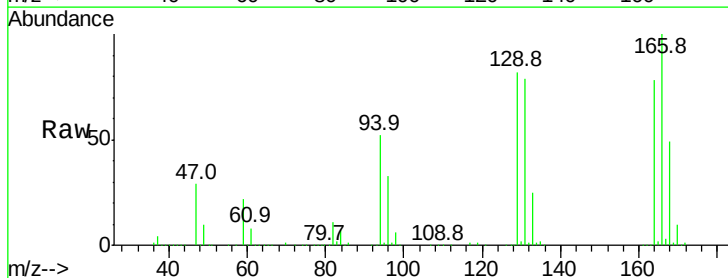
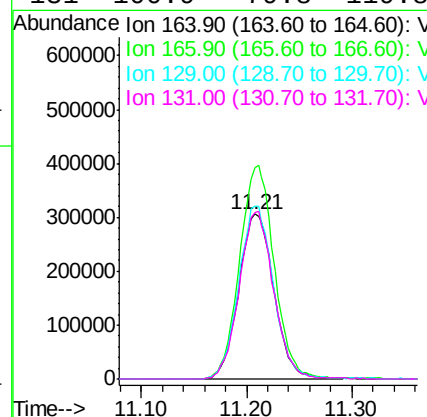
Ion Ratio Lower Upper

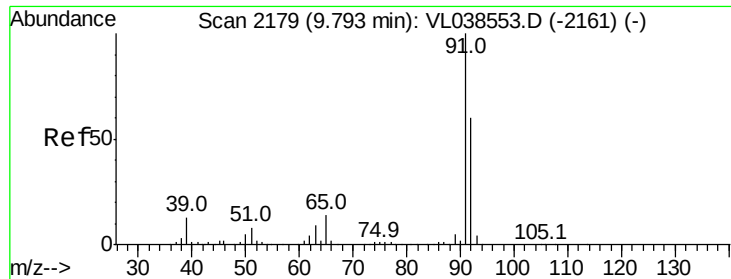
164 100

166 128.3 103.4 155.2

129 105.0 81.3 121.9

131 100.9 79.8 119.8





#53

Toluene

Concen: 10.39 ppbv

RT: 9.79 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 3:19 VL0308ABS01

Tgt Ion:

Ion Ratio

91 100

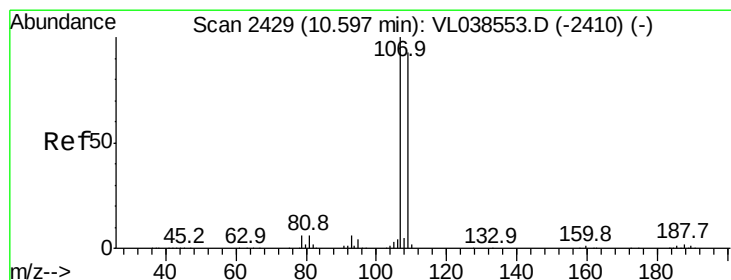
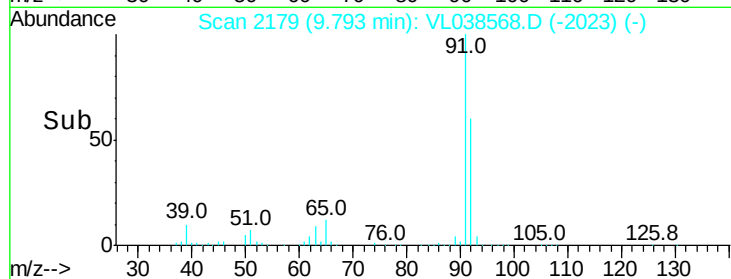
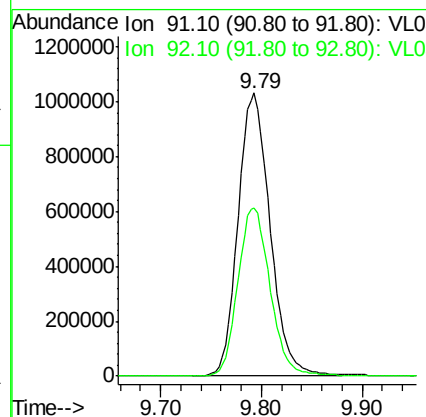
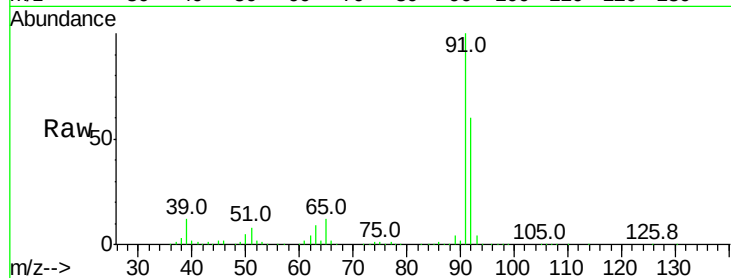
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 10.10 ppbv

RT: 10.60 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VL038568.D

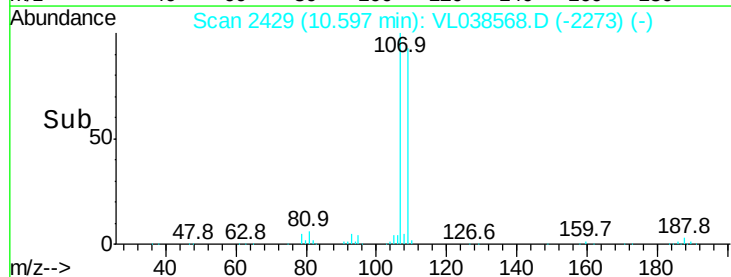
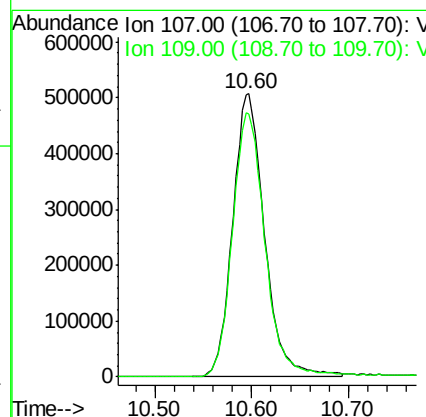
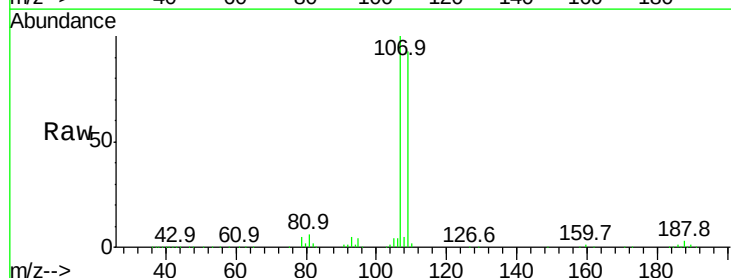
Acq: 9 Mar 2022 3:19

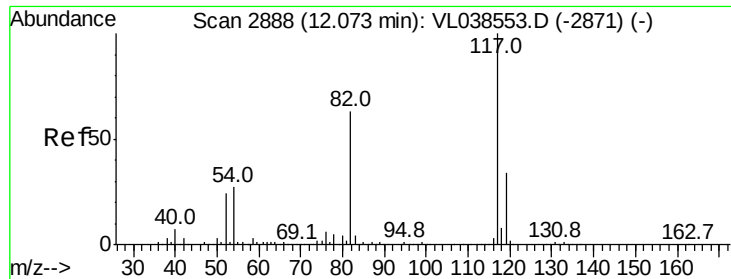
Tgt Ion:107 Resp: 1160564

Ion Ratio Lower Upper

107 100

109 92.7 74.6 112.0



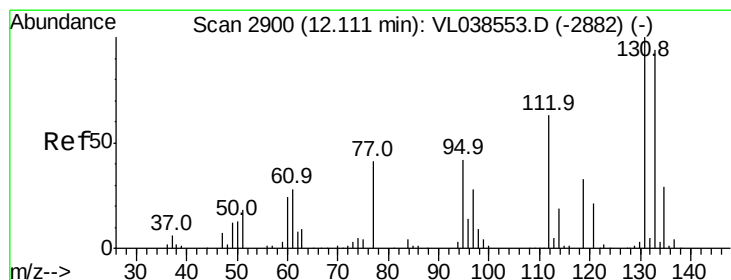
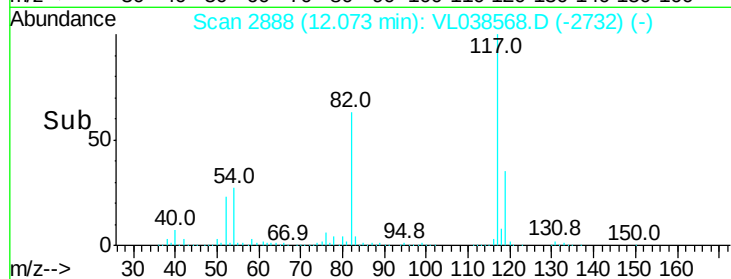
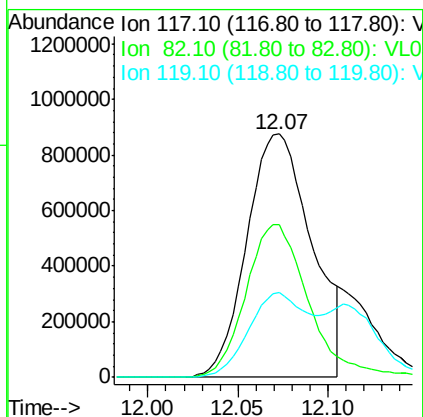
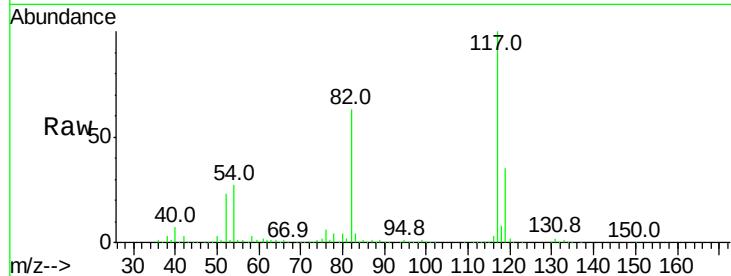


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

Tgt Ion:1
Ion Rati
117 100
82 62.
119 32.

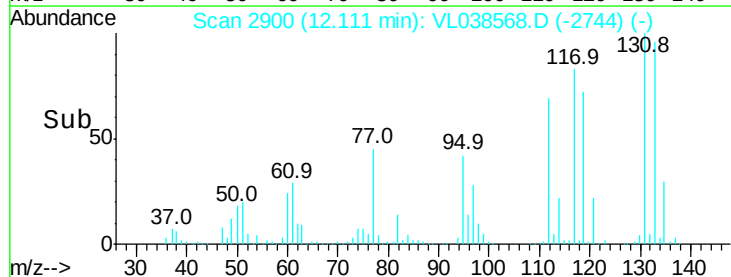
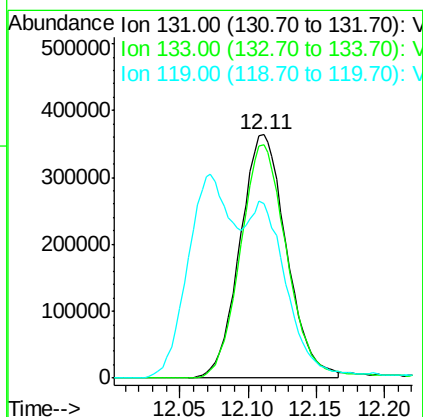
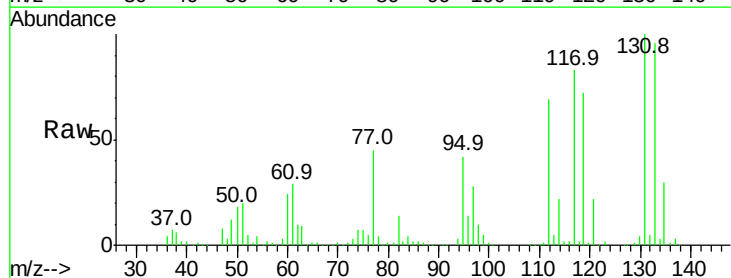
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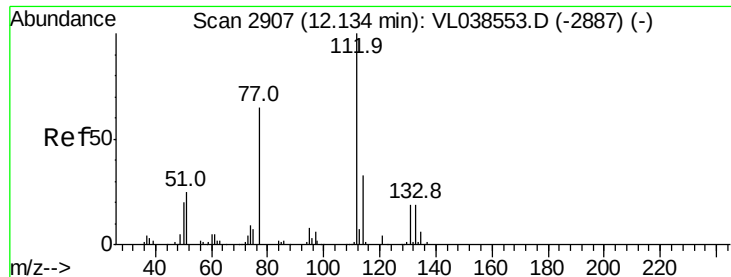
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.62 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion:131 Resp: 860488
Ion Ratio Lower Upper
131 100
133 98.0 78.0 117.0
119 67.2 53.1 79.7



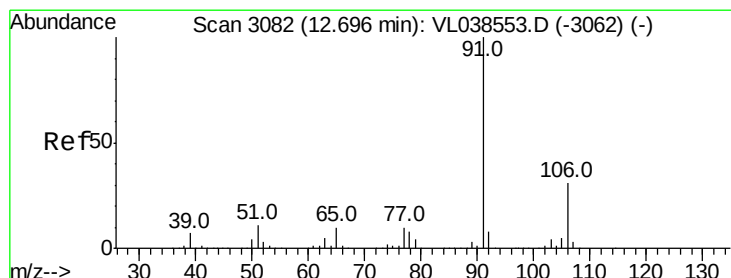
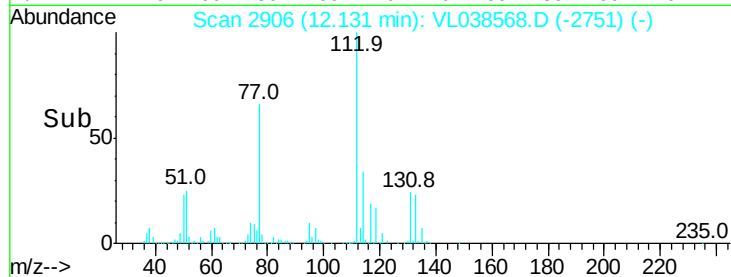
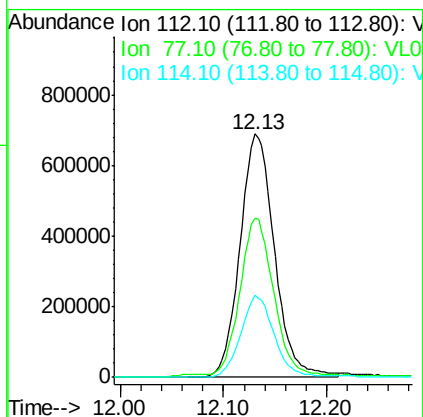
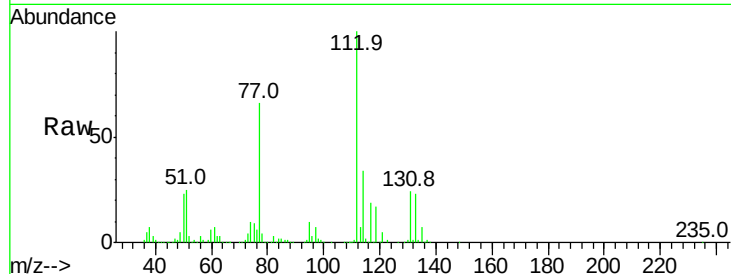


#57
Chlorobenzene
Concen: 9.55 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0308ABS01
Acq: 9 Mar 2022 3:19

Tgt Ion: 112
Ion Ratio: 100
77 64.1
114 33.3

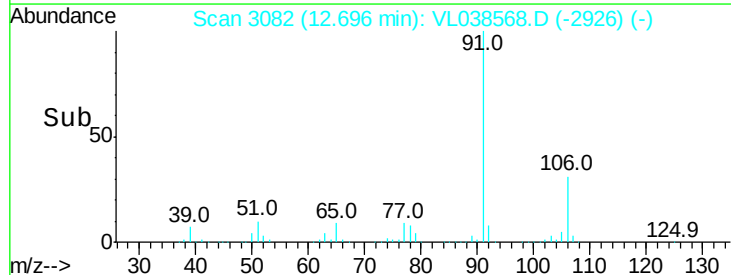
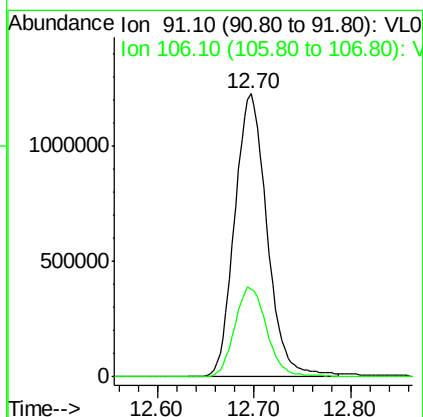
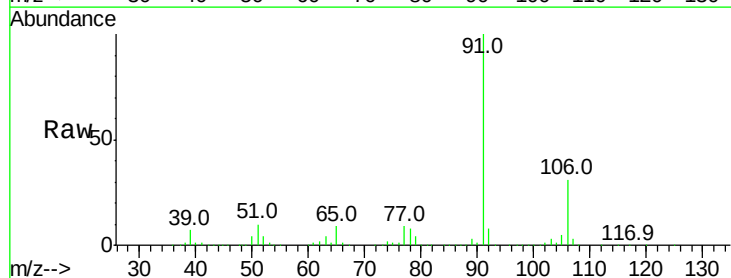
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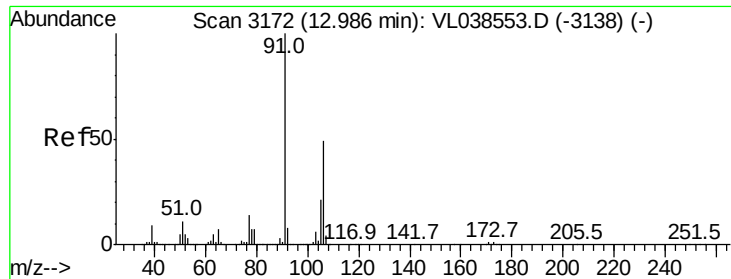
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#58
Ethyl Benzene
Concen: 10.03 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 2853244
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0



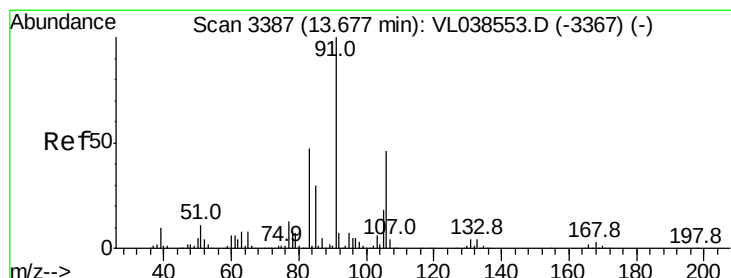
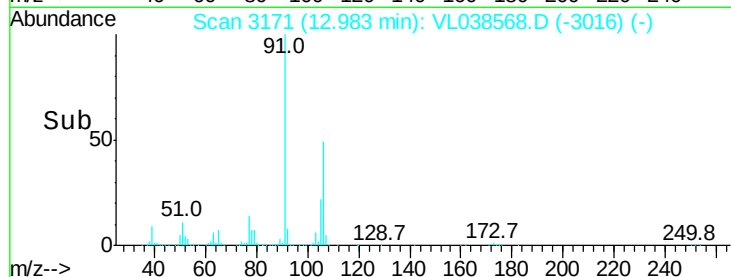
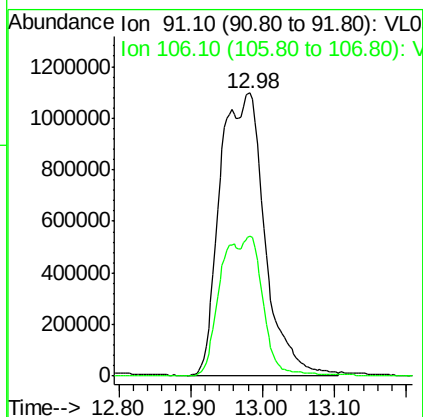
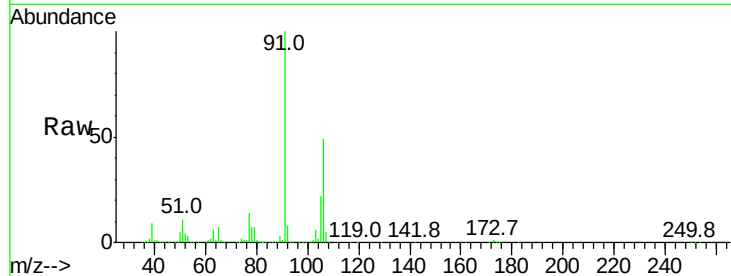


#59
m/p-Xylene
Concen: 19.53 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 Mar 2022 3:19

Tgt Ion:
Ion Ratio
91 100
106 46.

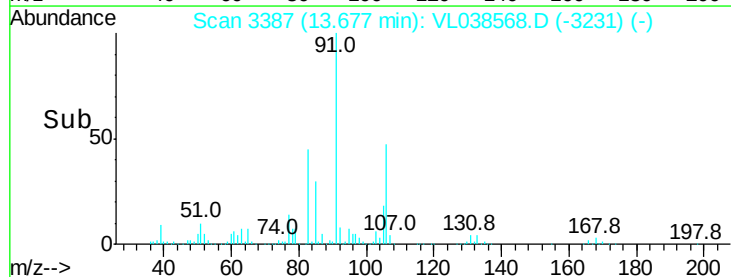
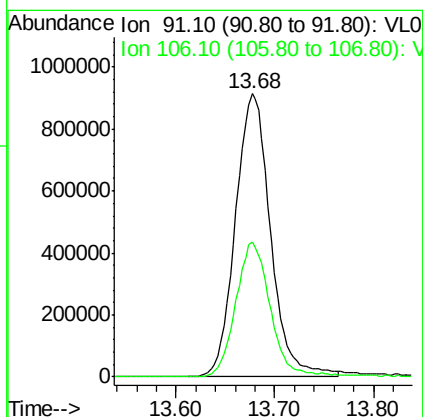
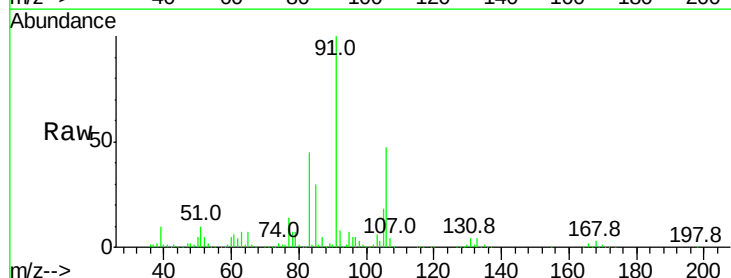
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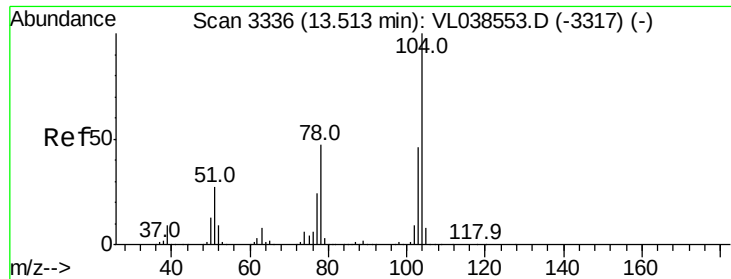
Reviewed By :Semsettin Yesilyurt 03/13/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 9.79 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. 0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 2250134
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.6





#61

Styrene

Concen: 10.76 ppbv

RT: 13.51

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:1

Ion Ratio

104 100

78 48.

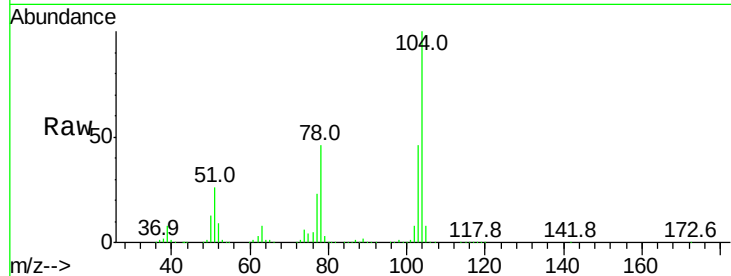
103 47.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/13/2022

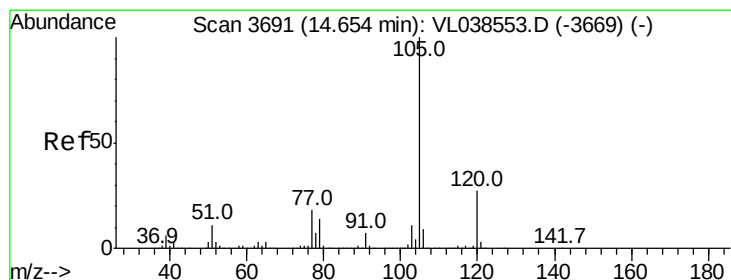
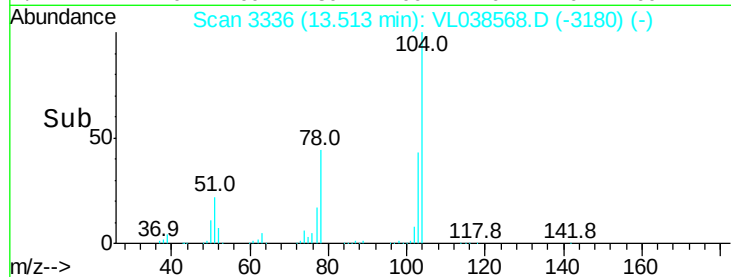
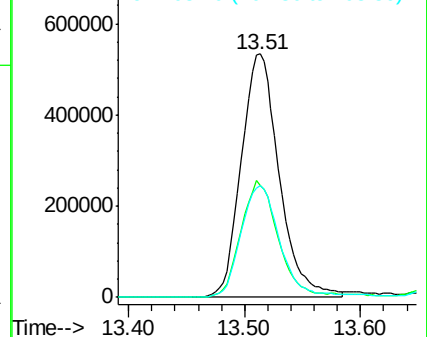
Supervised By :Mahesh Dadoda 03/14/2022



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: 9.71 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.00 min

Lab File: VL038568.D

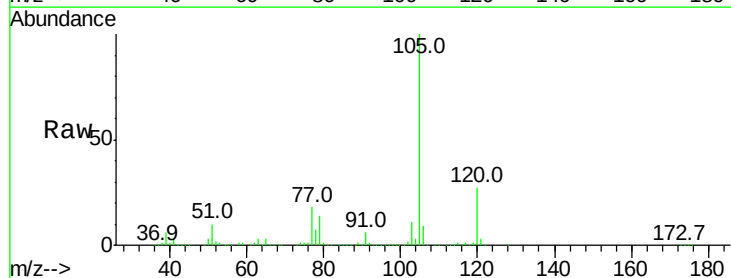
Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 3079777

Ion Ratio Lower Upper

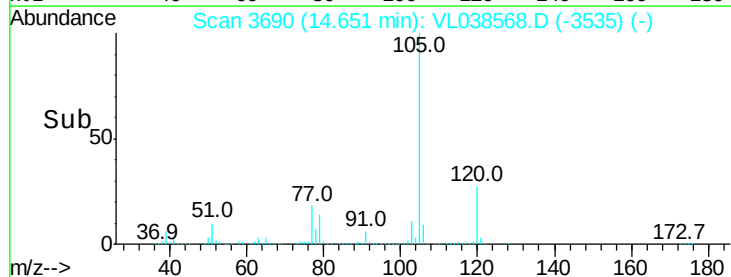
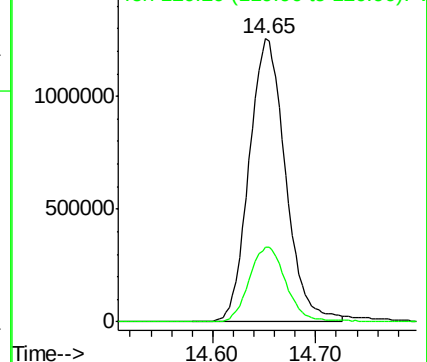
105 100

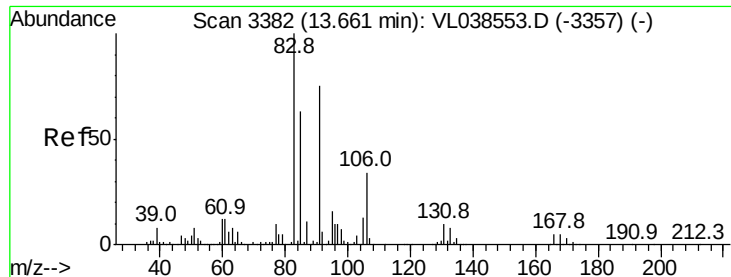
120 27.2 21.2 31.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



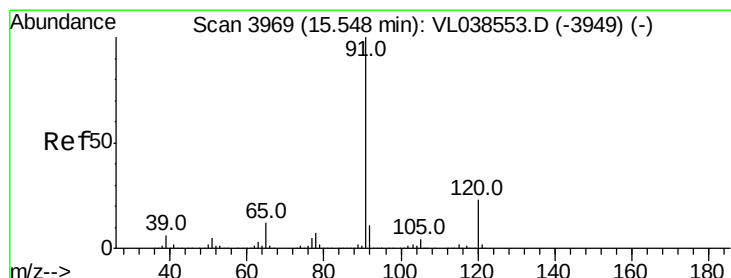
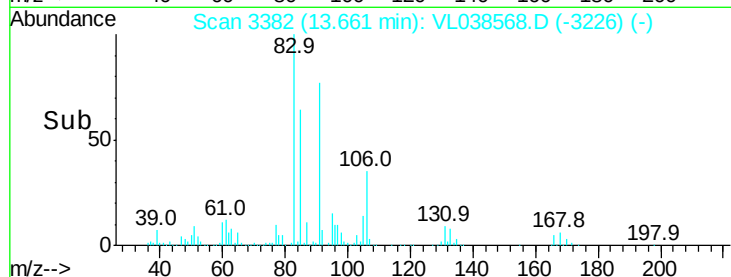
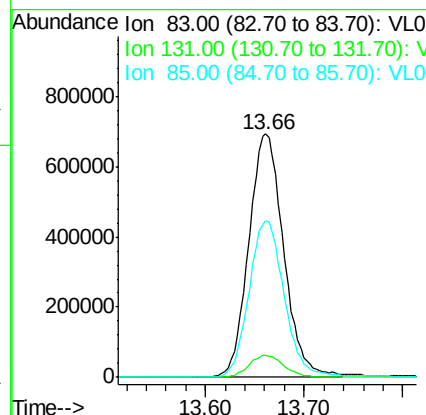
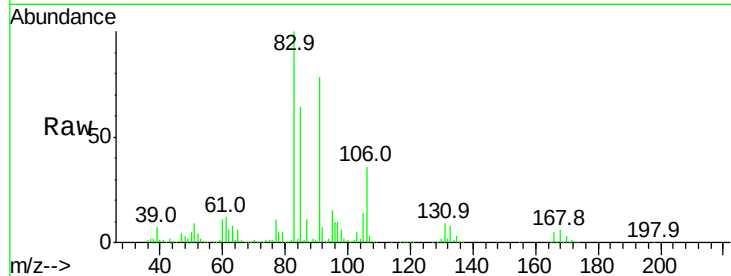


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.72 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

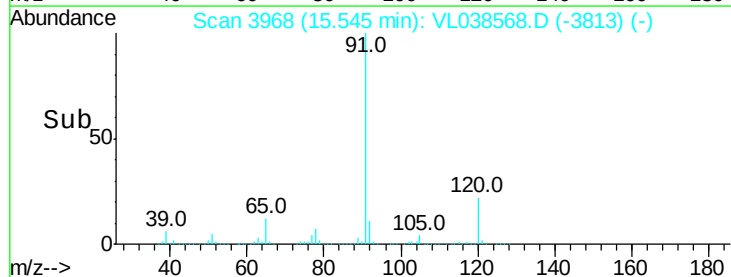
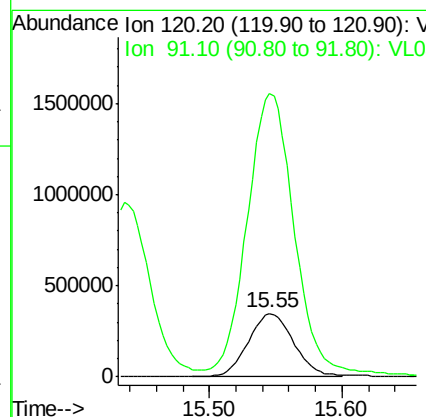
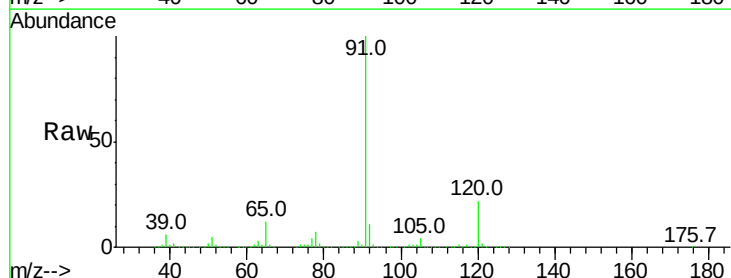
Manual Integrations
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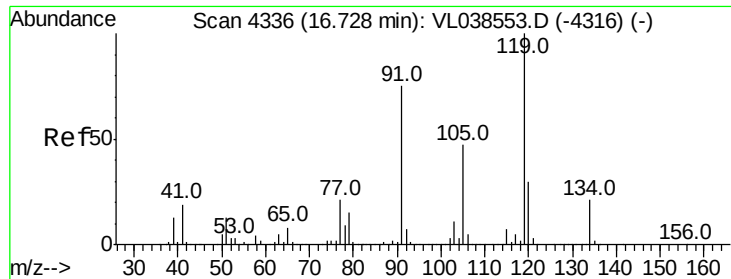
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 10.24 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:120 Resp: 827667
 Ion Ratio Lower Upper
 120 100
 91 471.0 374.2 561.2



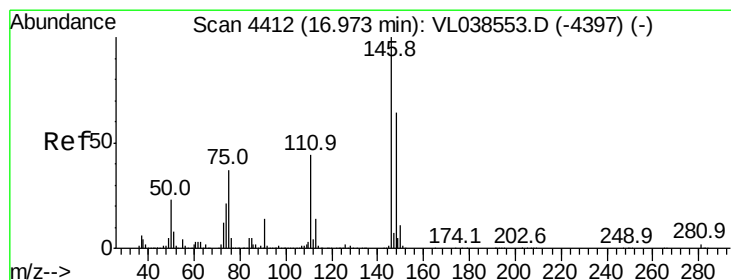
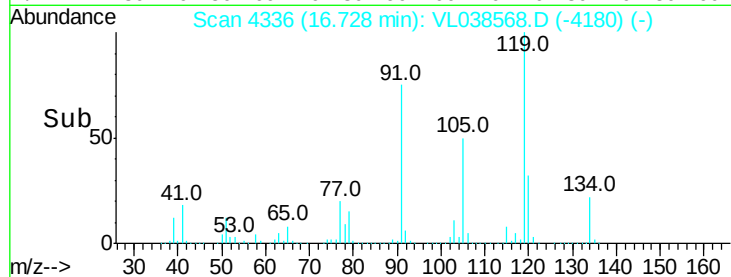
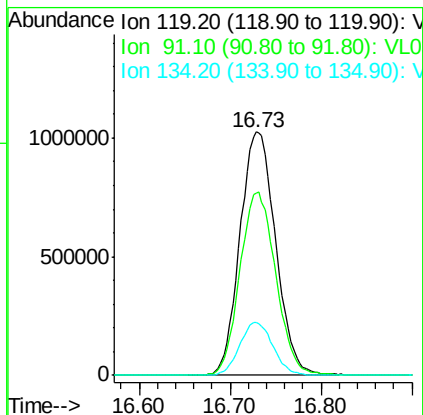
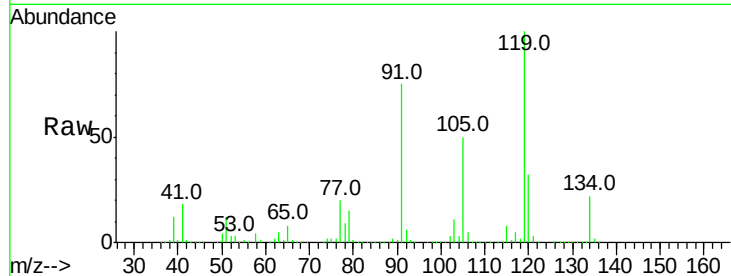


#65
 tert-Butylbenzene
 Concen: 9.84 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion: 119.0
 Ion Ratio: 100
 91 75.0
 134 20.0

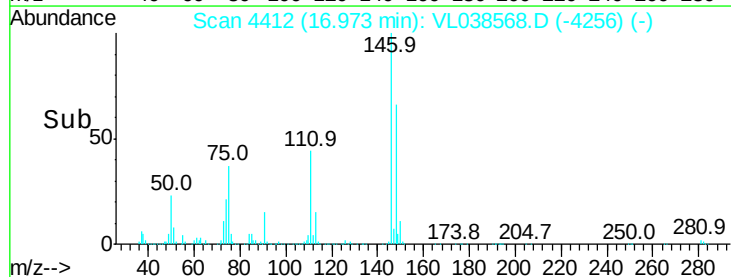
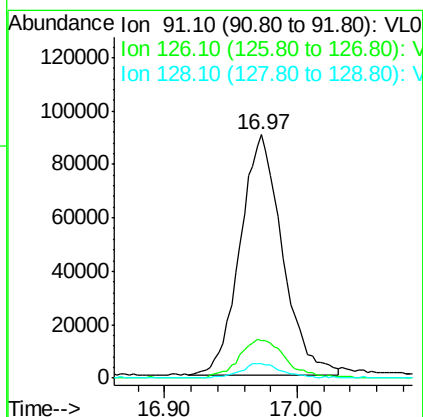
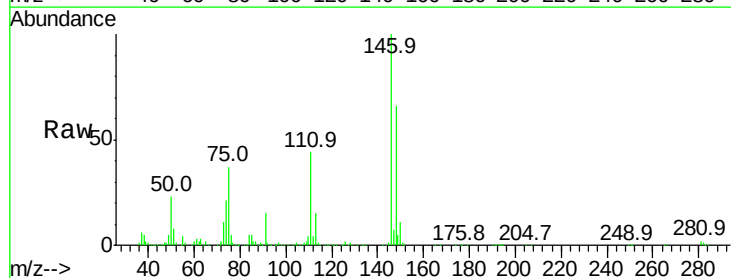
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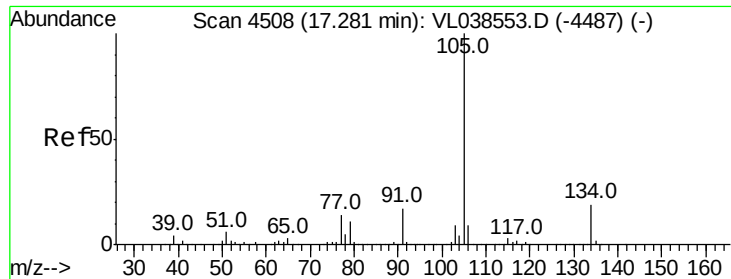
Reviewed By : Semsettin Yesilyurt 03/13/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 11.88 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T.: 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 199690
 Ion Ratio Lower Upper
 91 100
 126 17.9 14.1 21.1
 128 6.2 5.1 7.7





#67

sec-Butylbenzene

Concen: 10.05 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 3:19

Tgt Ion:1

Ion Ratio

105 100

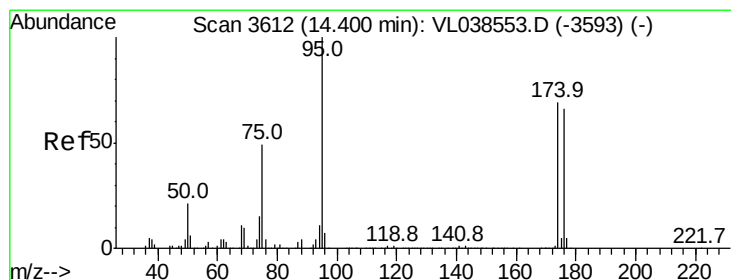
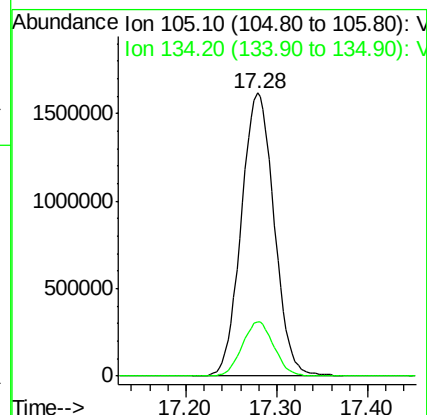
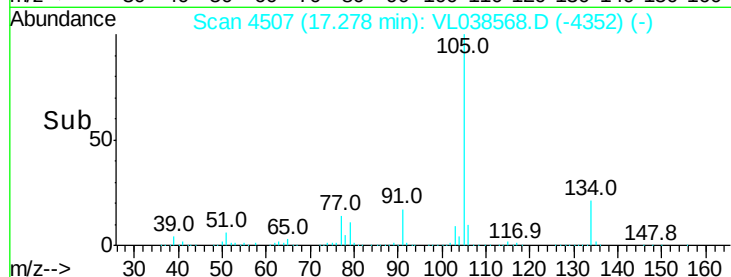
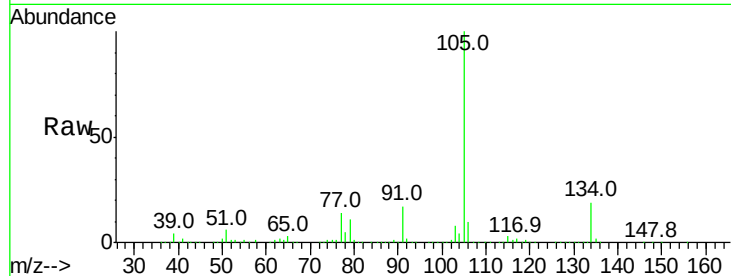
134 18.

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Reviewed By :Semsettin Yesilyurt 03/13/2022

Supervised By :Mahesh Dadoda 03/14/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.17 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.00 min

Lab File: VL038568.D

Acq: 9 Mar 2022 3:19

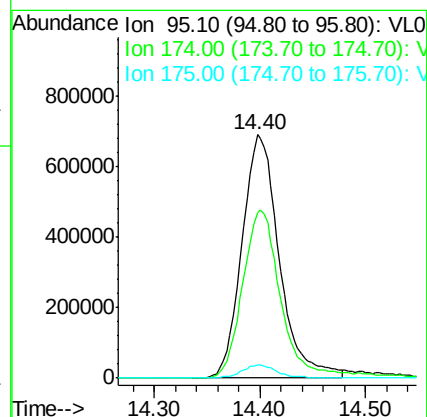
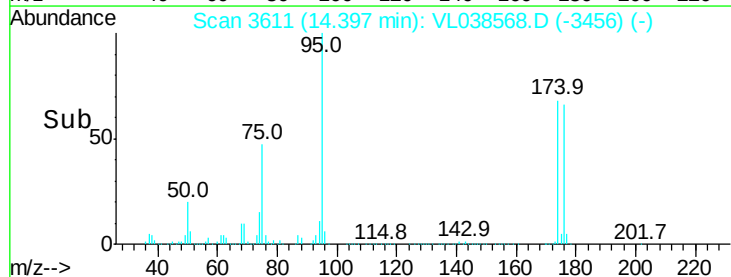
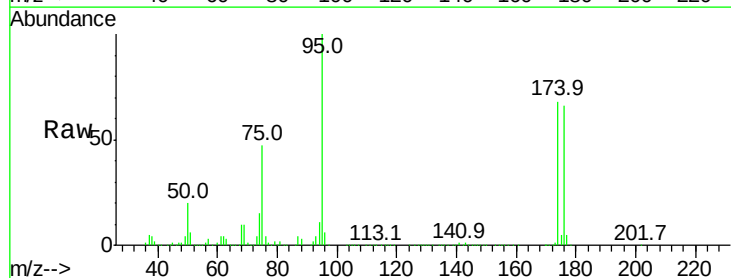
Tgt Ion: 95 Resp: 1699178

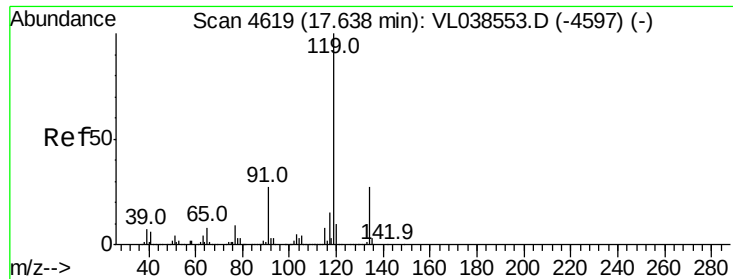
Ion Ratio Lower Upper

95 100

174 72.6 56.2 84.4

175 5.2 4.2 6.2



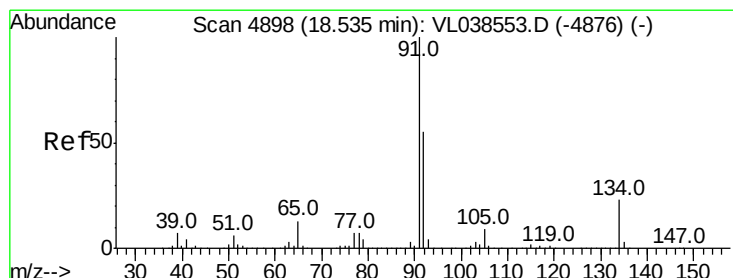
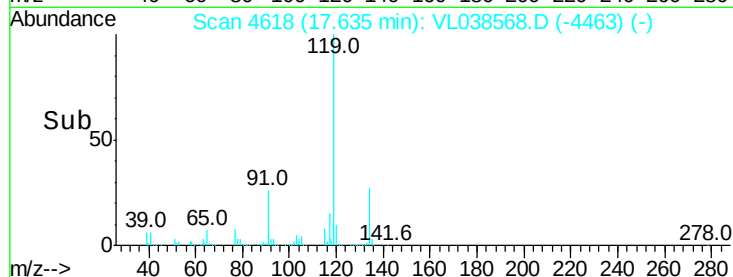
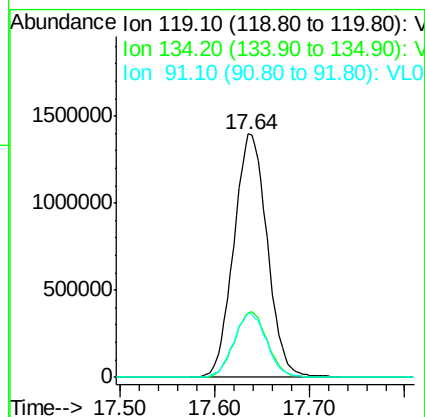
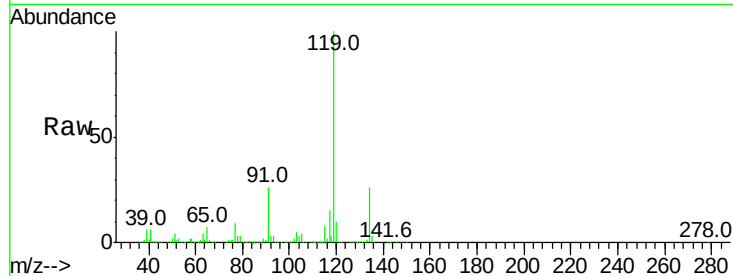


#69
 p-Isopropyltoluene
 Concen: 10.27 ppbv
 RT: 17.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

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

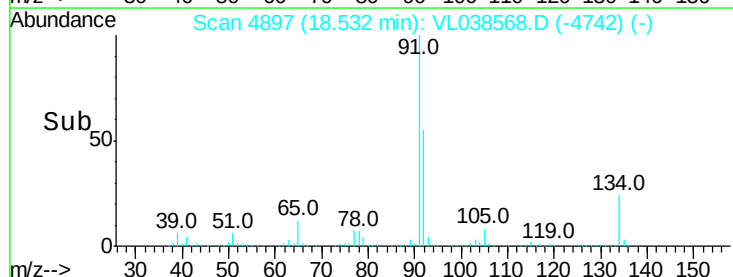
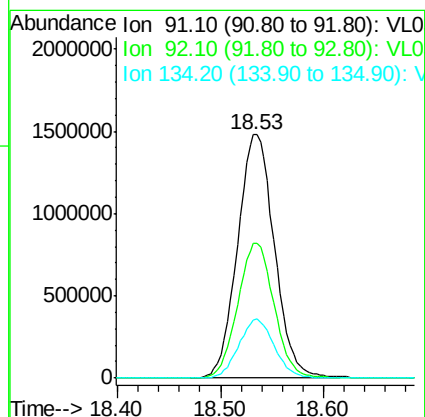
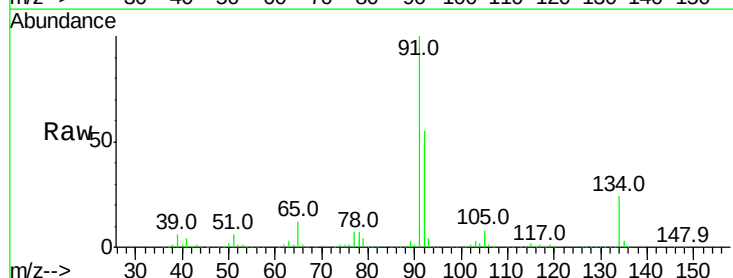
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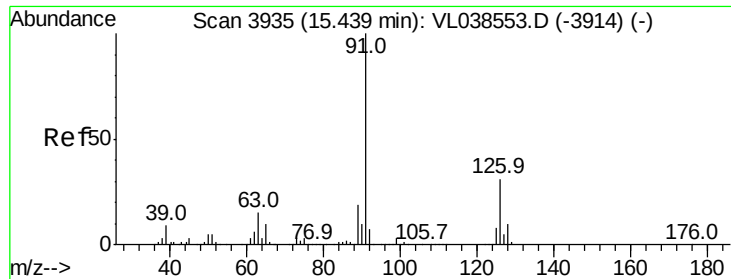
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 10.34 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion: 91 Resp: 3677160
 Ion Ratio Lower Upper
 91 100
 92 55.0 43.8 65.8
 134 23.5 18.7 28.1



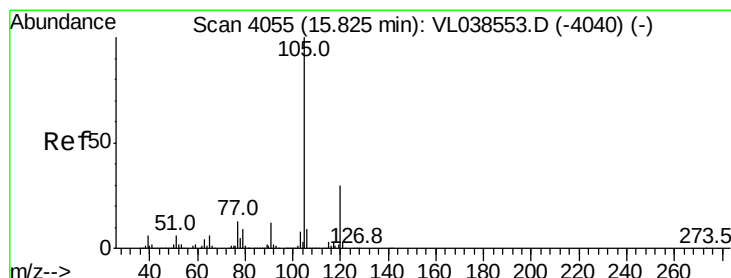
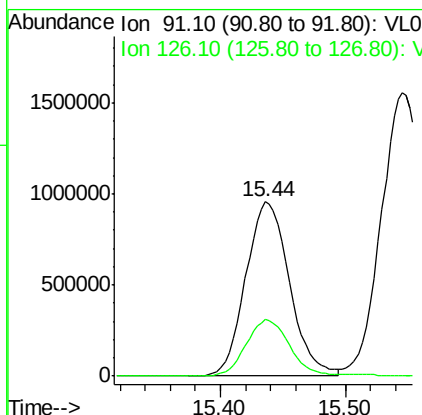
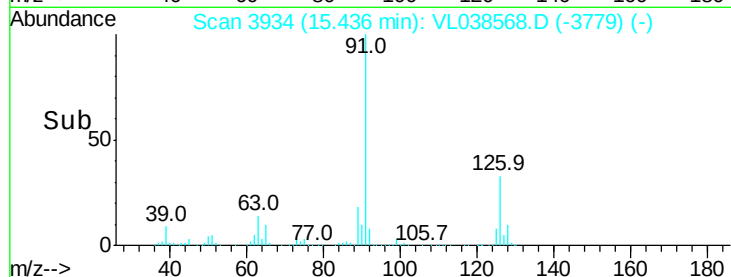
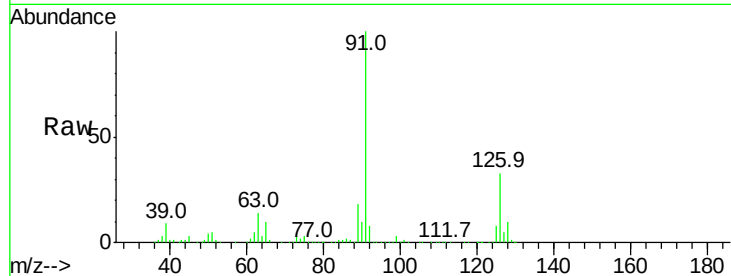


#71
 2-Chlorotoluene
 Concen: 9.87 ppbv
 RT: 15.44
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:
 Ion Ratio
 91 100
 126 33.

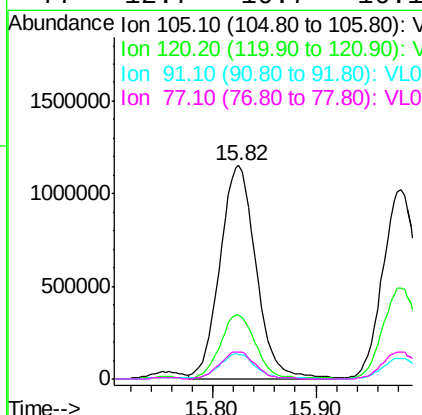
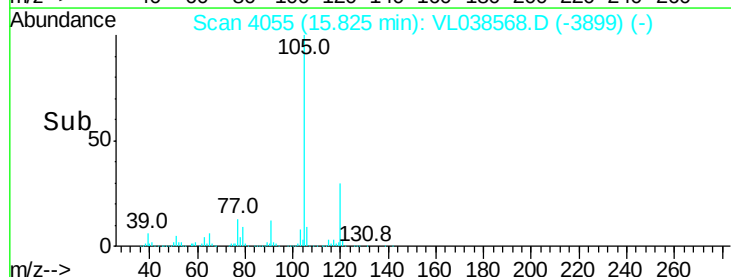
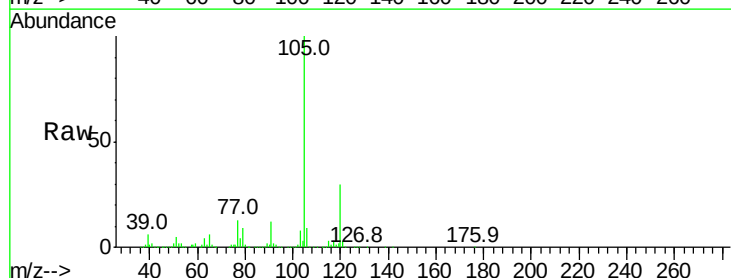
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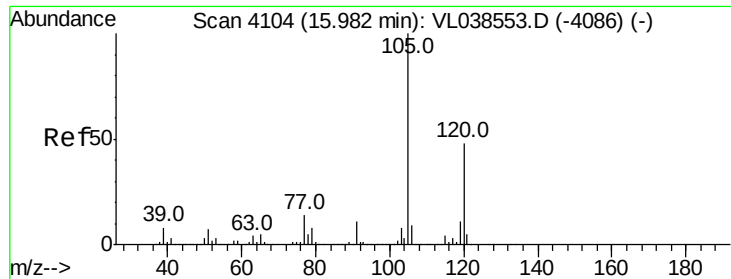
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#72
 4-Ethyltoluene
 Concen: 10.61 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 2801963
 Ion Ratio Lower Upper
 105 100
 120 30.1 25.0 37.4
 91 12.4 9.8 14.6
 77 12.7 10.7 16.1



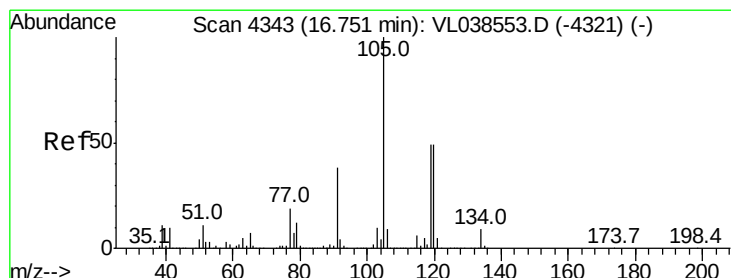
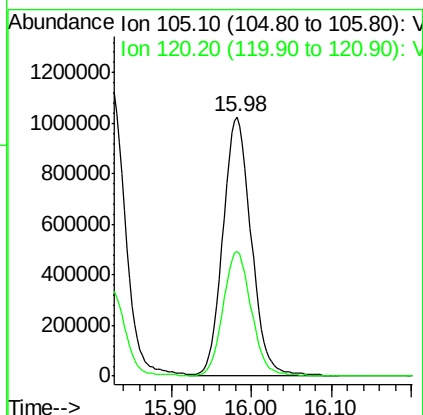
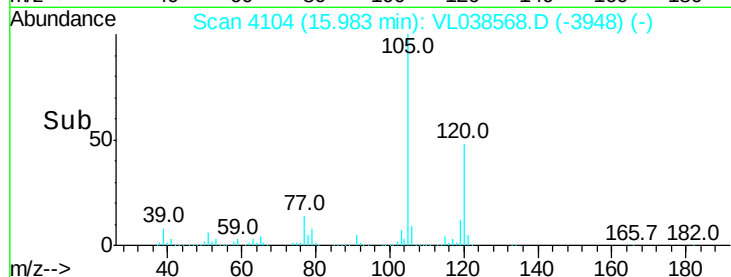
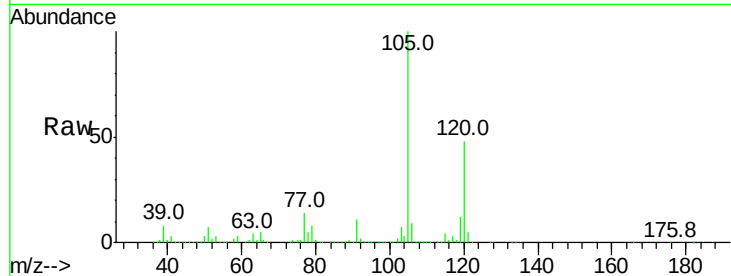


#73
 1,3,5-Trimethylbenzene
 Concen: 10.10 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:1
 Ion Ratio
 105 100
 120 48.

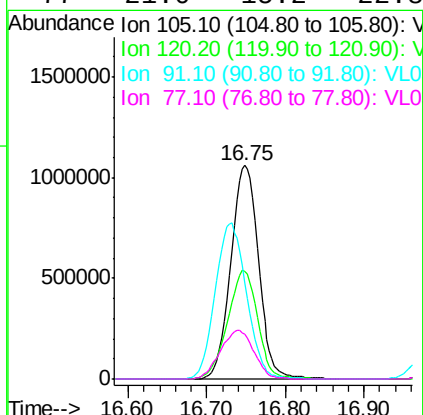
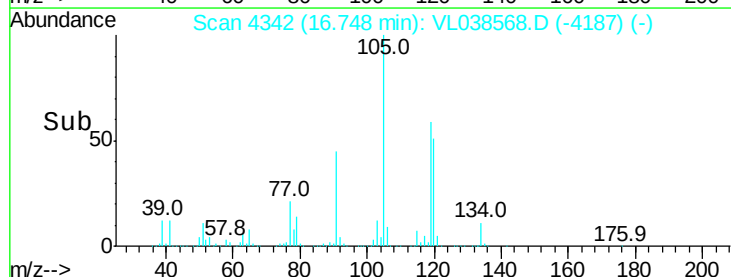
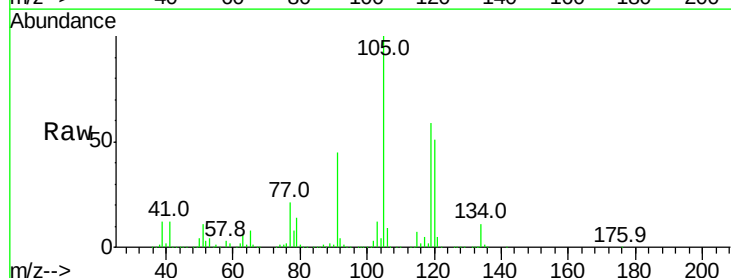
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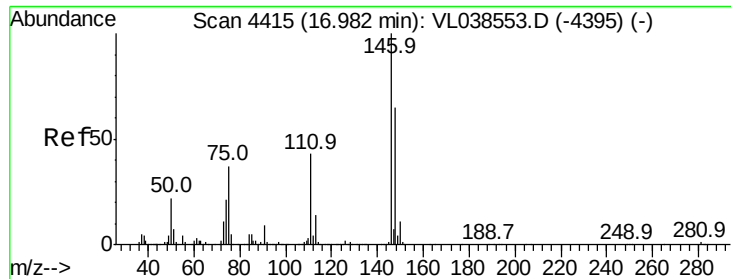
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.94 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:105 Resp: 2603664
 Ion Ratio Lower Upper
 105 100
 120 50.6 38.9 58.3
 91 44.7 30.6 46.0
 77 21.0 15.2 22.8



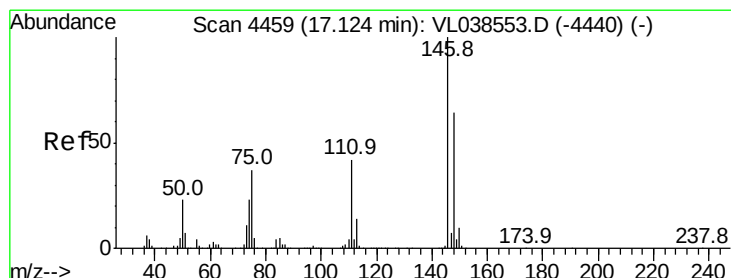
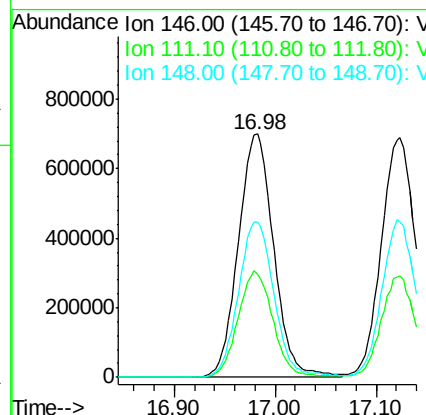
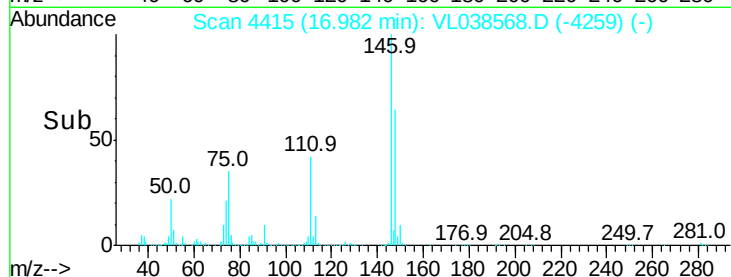
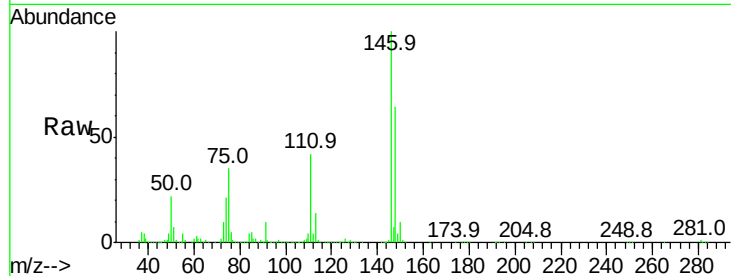


#75
 1,3-Dichlorobenzene
 Concen: 10.32 ppbv
 RT: 16.98 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled : VL0308ABS01
 Acq: 9 Mar 2022 3:19

Tgt Ion:1
 Ion Rati
 146 100
 111 43.
 148 64.

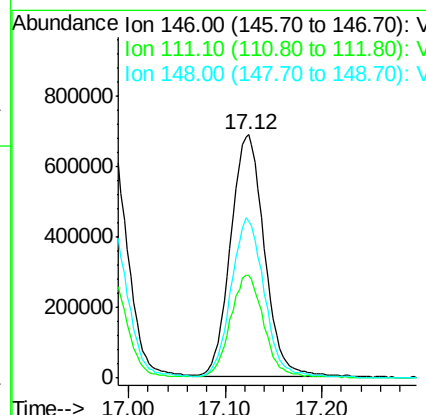
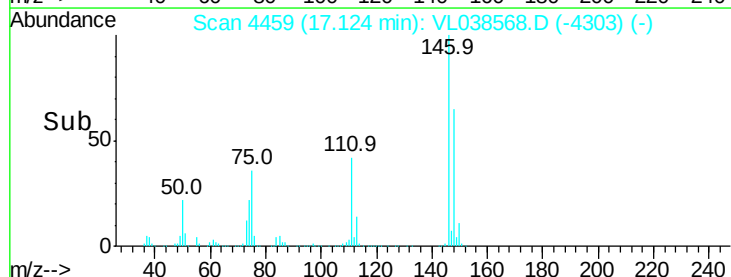
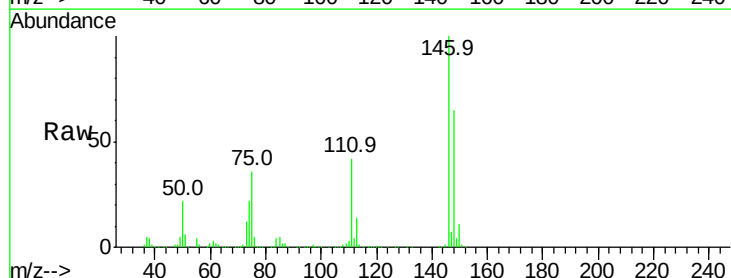
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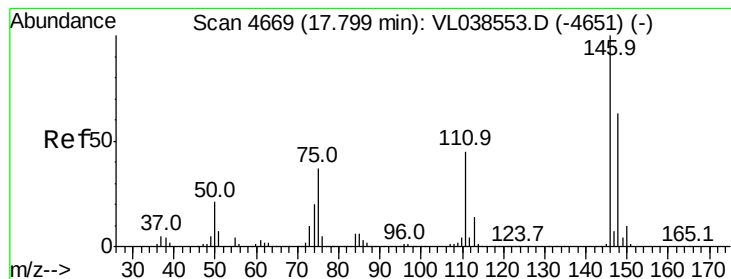
Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.16 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL038568.D
 Acq: 9 Mar 2022 3:19

Tgt Ion:146 Resp: 1662036
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.8 65.3
 148 66.1 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 10.19 ppbv

RT: 17.80

Delta R.T. MSVOA_L

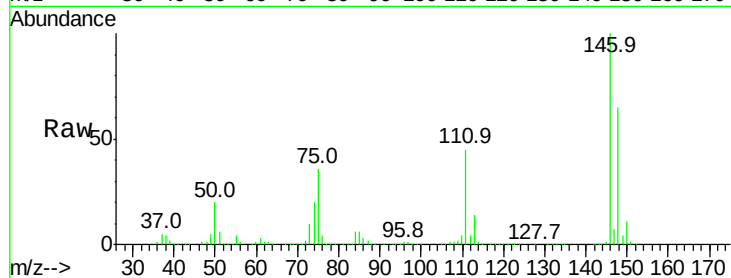
Lab File: ClientSampled :

Acq: 9 Mar 2022 3:19

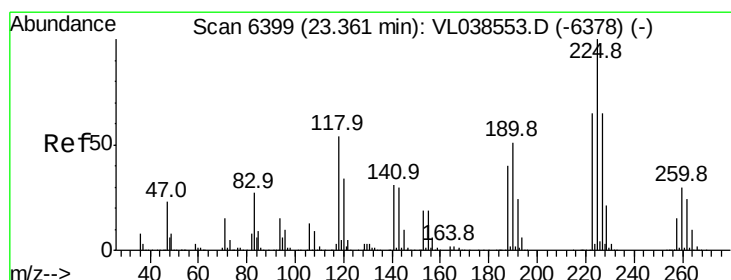
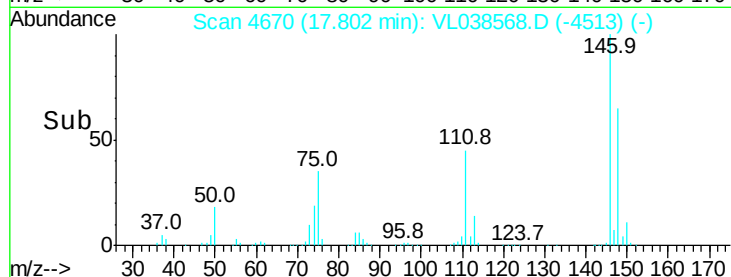
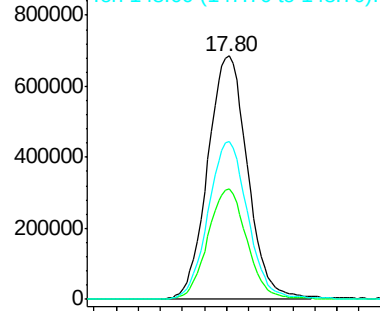
Tgt Ion:1
Ion Rati
146 100
111 45.
148 65.

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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



#78

Hexachloro-1,3-Butadiene

Concen: 9.28 ppbv

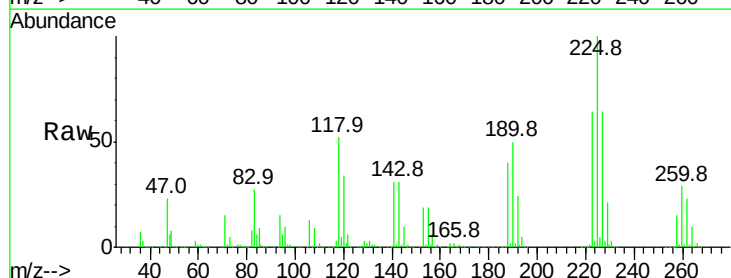
RT: 23.36 min Scan# 6399

Delta R.T. 0.00 min

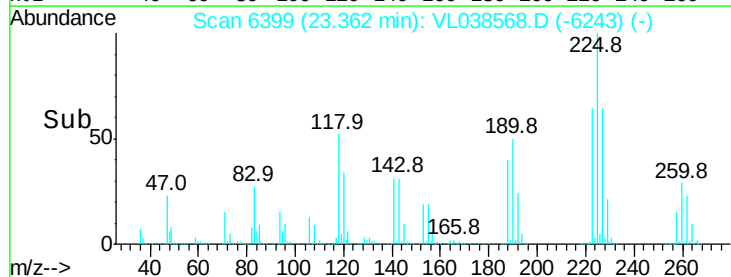
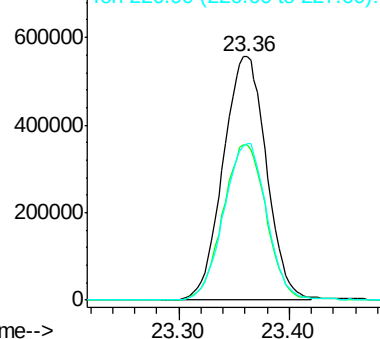
Lab File: VL038568.D

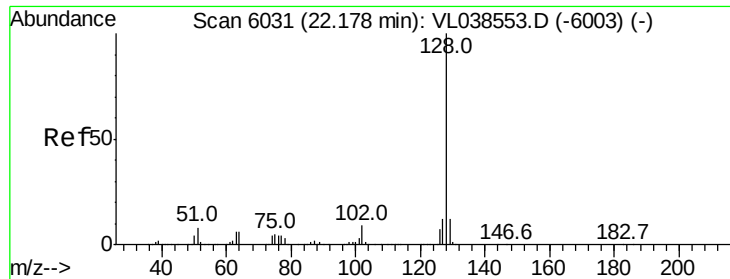
Acq: 9 Mar 2022 3:19

Tgt Ion:225 Resp: 1513944
Ion Ratio Lower Upper
225 100
223 64.4 51.4 77.0
227 64.5 51.9 77.9



Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



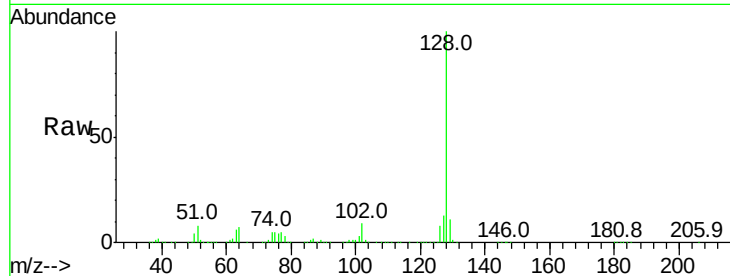


#79
Naphthalene
Concen: 12.69 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 3:19

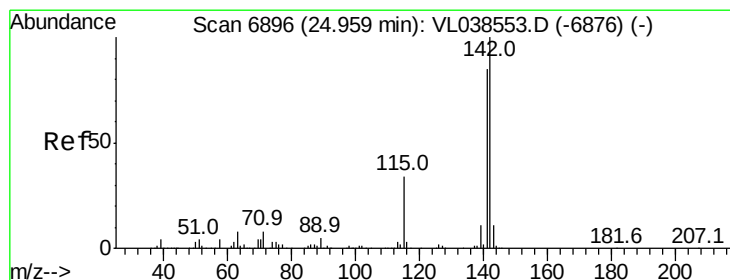
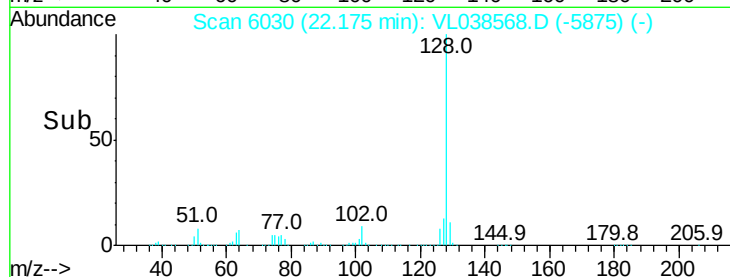
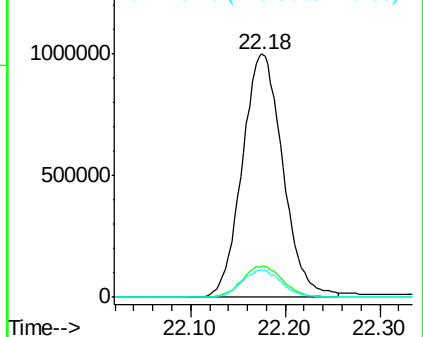
Tgt Ion:1
Ion Ratio
128 100
127 12.
129 11.

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Supervised By :Mahesh Dadoda 03/14/2022

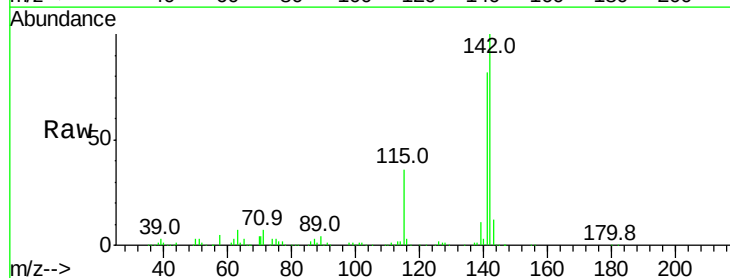


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

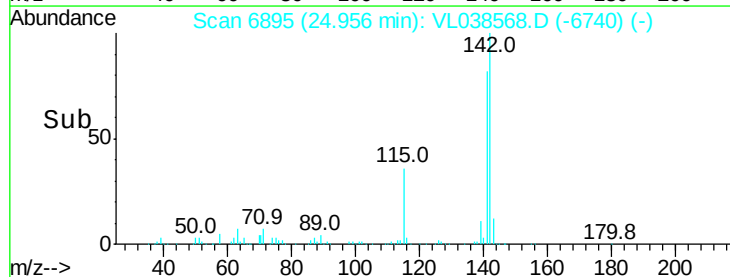
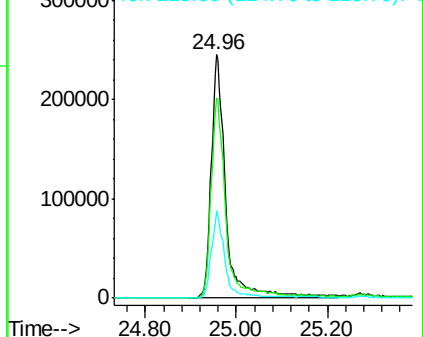


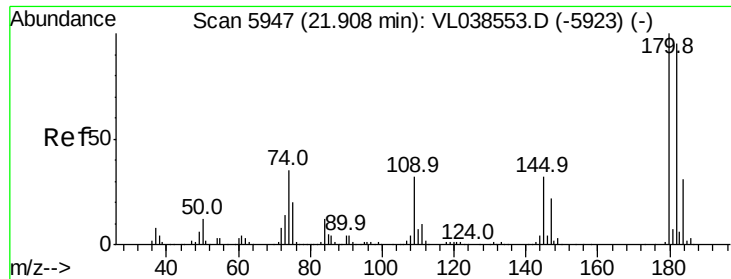
#80
Naphthalene, 2-methyl-
Concen: 13.29 ppbv
RT: 24.96 min Scan# 6895
Delta R.T. -0.00 min
Lab File: VL038568.D
Acq: 9 Mar 2022 3:19

Tgt Ion:142 Resp: 552499
Ion Ratio Lower Upper
142 100
141 83.3 68.4 102.6
115 32.3 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: 10.96 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0308ABS01
 Acq: 9 Mar 2022 3.19

Tgt Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/13/2022
 Supervised By :Mahesh Dadoda 03/14/2022

