

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030322\
 Data File : VL038508.D
 Acq On : 3 Mar 2022 9:58
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Mar 04 04:58:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	867950	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	2046495	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	1903847m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1663416	10.56	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1130089	8.22	ppbv	97
3) Chlorodifluoromethane	2.99	51	1532682	10.00	ppbv	100
4) Chloromethane	3.14	50	526709	9.89	ppbv	97
5) Vinyl Chloride	3.26	62	544555	9.78	ppbv	99
6) Bromomethane	3.47	94	293237	9.99	ppbv	94
7) Chloroethane	3.56	64	186946	10.46	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	1287651	10.07	ppbv	98
9) Propene	3.01	41	497463	9.83	ppbv	99
10) Heptane	8.12	43	1286567	10.44	ppbv	99
11) Trichlorofluoromethane	3.95	101	1317417	10.01	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	967863	10.03	ppbv	100
13) Ethanol	3.61	45	45247m	8.96	ppbv	
14) Bromoethene	3.74	108	393013	10.22	ppbv	100
15) Acetone	3.85	43	657966	8.91	ppbv	100
16) 1,3-Butadiene	3.33	39	508126	10.31	ppbv	96
17) tert-Butyl alcohol	4.28	59	794143	10.78	ppbv	100
18) 1,1-Dichloroethene	4.29	96	424614	10.02	ppbv	98
19) Isopropyl Alcohol	3.96	45	406298	9.51	ppbv #	98
20) Methylene Chloride	4.34	84	351476	9.61	ppbv	98
21) Allyl Chloride	4.41	41	631668	10.13	ppbv	100
22) trans-1,2-Dichloroethene	4.89	96	443374	10.37	ppbv	96
23) Vinyl Acetate	5.07	43	1005274	10.28	ppbv	98
24) 1,1-Dichloroethane	5.01	63	888295	10.10	ppbv	100
25) Ethyl Acetate	5.67	43	2015414	10.16	ppbv	99
26) Hexane	5.68	57	910645	10.14	ppbv	99
27) Carbon Disulfide	4.55	76	1080969	10.82	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	929066	10.16	ppbv	98
29) Chloroform	5.75	83	1525553	10.41	ppbv	99
30) Cyclohexane	7.12	84	761480	10.37	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	921164	10.59	ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	1502532	10.19	ppbv	99
34) 2-Butanone	5.24	43	689973	10.72	ppbv	100
35) Carbon Tetrachloride	7.01	117	1566603	10.89	ppbv	99
36) Benzene	6.89	78	1901634	10.56	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1147012	11.02	ppbv	99
38) Trichloroethene	7.83	130	679726	10.36	ppbv	97
39) 1,2-Dichloropropane	7.61	63	755100	10.52	ppbv	96
40) 1,4-Dioxane	7.83	88	170852m	10.04	ppbv	
41) Tetrahydrofuran	6.05	42	476423	10.96	ppbv	98
42) Bromodichloromethane	7.79	83	1617338	10.76	ppbv	100
43) Methyl Methacrylate	8.01	69	696528	11.12	ppbv	99

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022

Quant Time: Mar 04 04:58:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

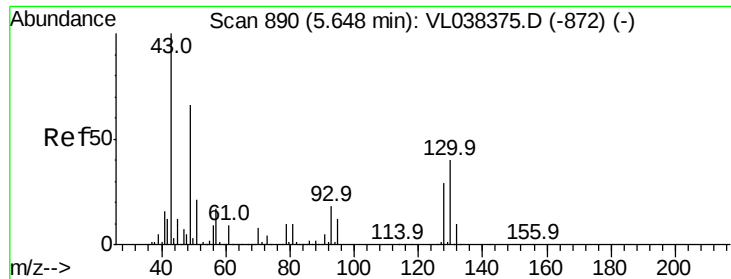
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3287969	10.62	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	579424	11.58	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	728462	11.10	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	731182	10.24	ppbv	98
48) Dibromochloromethane	10.30	129	1224505	10.49	ppbv	99
49) Bromoform	13.03	173	837848	9.72	ppbv	100
50) 4-Methyl-2-Pentanone	8.73	43	1295205	11.38	ppbv	99
51) 2-Hexanone	10.13	43	563853	11.07	ppbv #	100
52) Tetrachloroethene	11.21	164	565820	9.46	ppbv	96
53) Toluene	9.80	91	2081066	10.64	ppbv	98
54) 1,2-Dibromoethane	10.60	107	1051537	10.46	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.12	131	800949	10.09	ppbv	97
57) Chlorobenzene	12.14	112	1406920	9.58	ppbv	98
58) Ethyl Benzene	12.70	91	2647149	10.17	ppbv	98
59) m/p-Xylene	12.99	91	4481903m	20.05	ppbv	
60) o-Xylene	13.69	91	2078882	9.84	ppbv	100
61) Styrene	13.52	104	993347	10.19	ppbv	98
62) Isopropylbenzene	14.66	105	2707707	9.54	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1396318	8.13	ppbv	99
64) n-propylbenzene	15.55	120	640029	9.11	ppbv	87
65) tert-Butylbenzene	16.73	119	2197085	8.94	ppbv	98
66) Benzyl Chloride	16.98	91	110642m	8.33	ppbv	
67) sec-Butylbenzene	17.28	105	3071565	8.82	ppbv	99
69) p-Isopropyltoluene	17.64	119	2445864	8.94	ppbv	98
70) n-Butylbenzene	18.54	91	2579364	9.11	ppbv	99
71) 2-Chlorotoluene	15.45	91	1971103	9.04	ppbv	100
72) 4-Ethyltoluene	15.83	105	2198338	9.44	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	1927051	9.11	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2010014	9.00	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	1045827	8.36	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1000539	8.11	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	984395	8.18	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	804562	8.76	ppbv	99
79) Naphthalene	22.18	128	1495518	12.36	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	229177	9.69	ppbv	96
81) 1,2,4-Trichlorobenzene	21.91	180	798694	10.92	ppbv	99

(#) = 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: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

49 100

128 47.

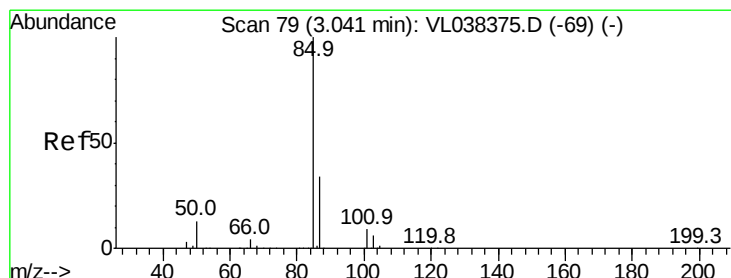
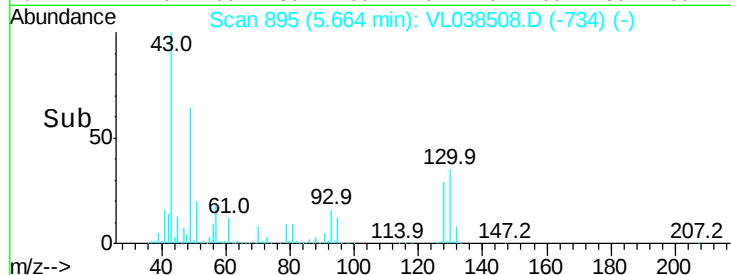
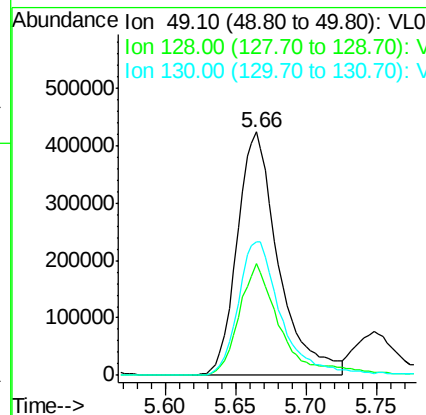
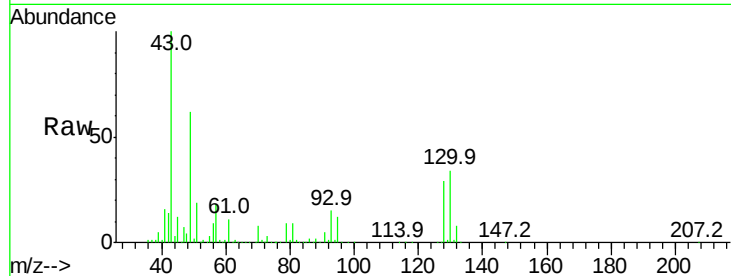
130 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#2

Dichlorodifluoromethane

Concen: 8.22 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL038508.D

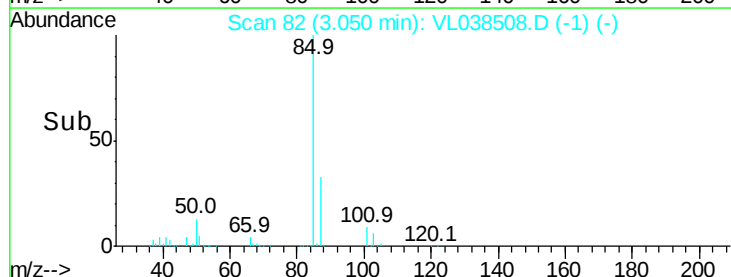
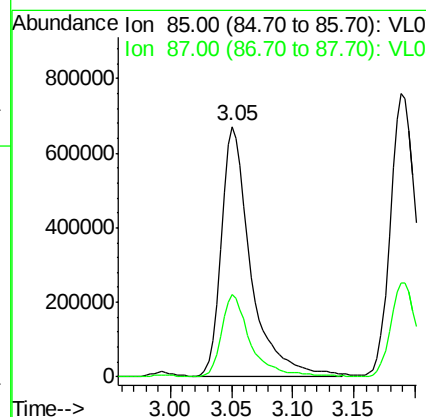
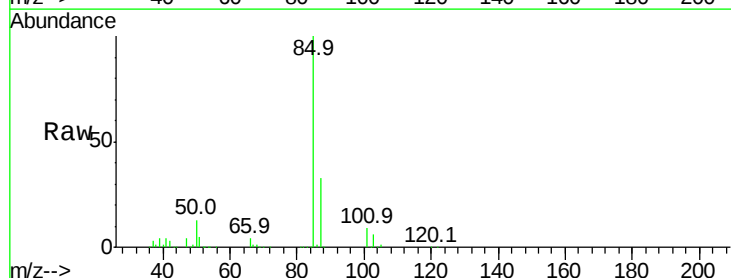
Acq: 3 Mar 2022 9:58

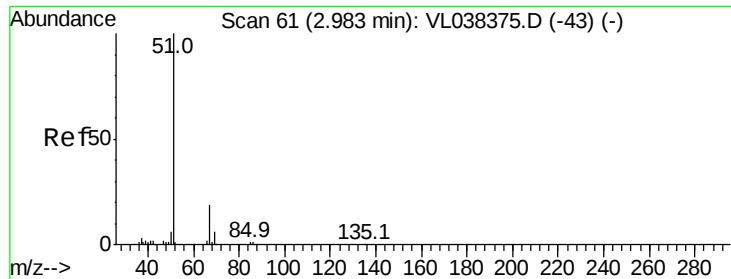
Tgt Ion: 85 Resp: 1130089

Ion Ratio Lower Upper

85 100

87 32.7 27.4 41.0





#3

Chlorodifluoromethane

Concen: 10.00 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

51 100

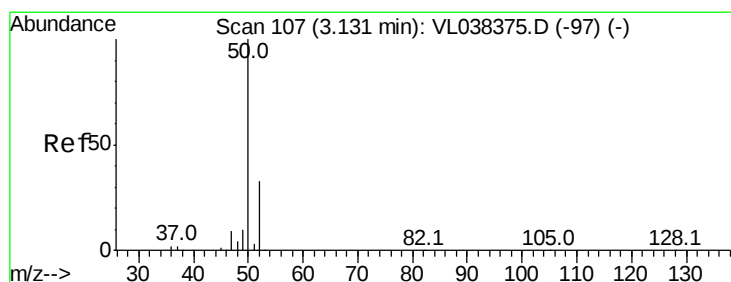
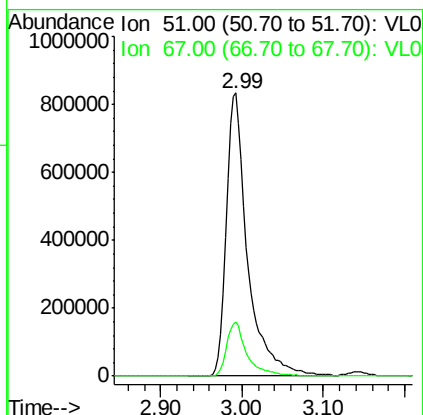
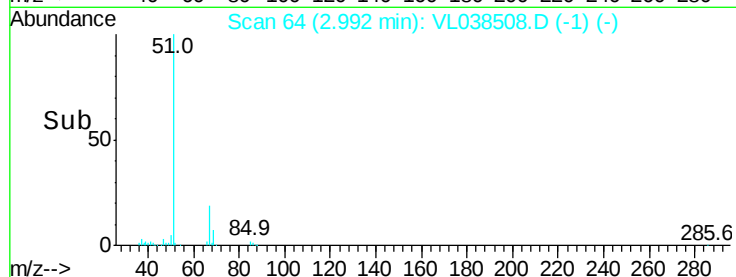
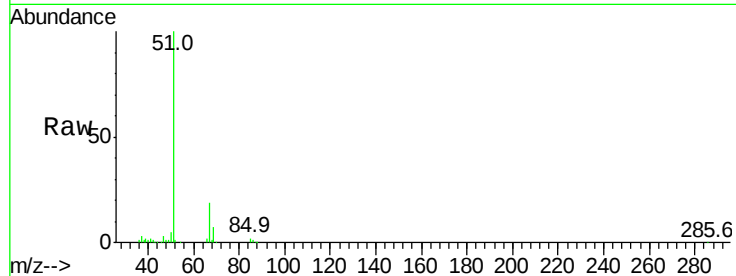
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#4

Chloromethane

Concen: 9.89 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL038508.D

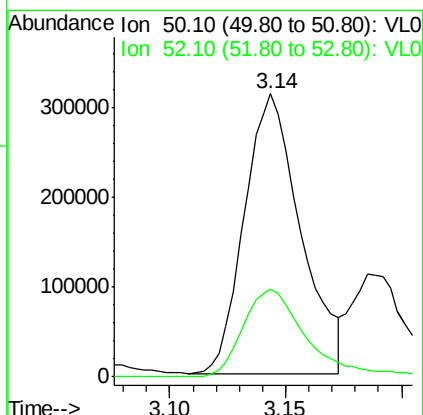
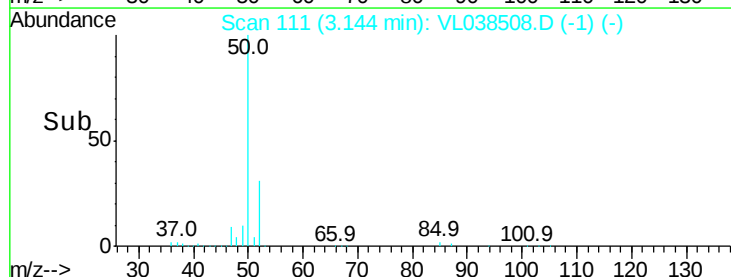
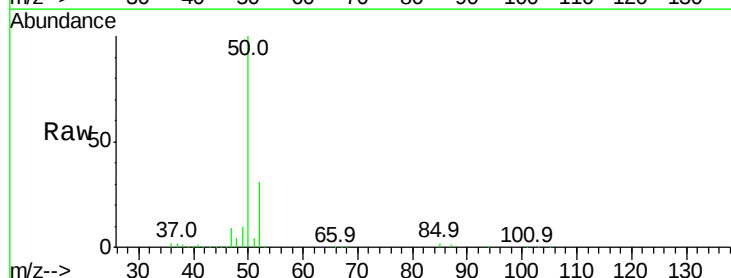
Acq: 3 Mar 2022 9:58

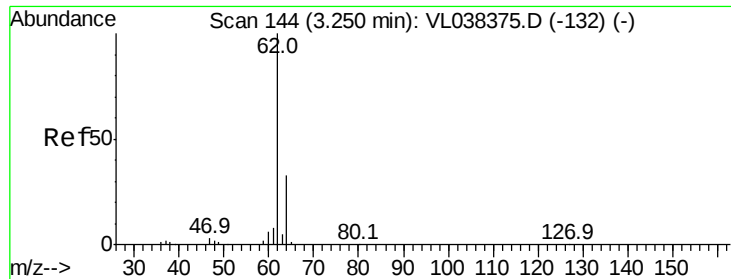
Tgt Ion: 50 Resp: 526709

Ion Ratio Lower Upper

50 100

52 31.3 26.5 39.7





#5

Vinyl Chloride

Concen: 9.78 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 3 Mar 2022 9:58

Tgt Ion: 62

Ion Ratio 100

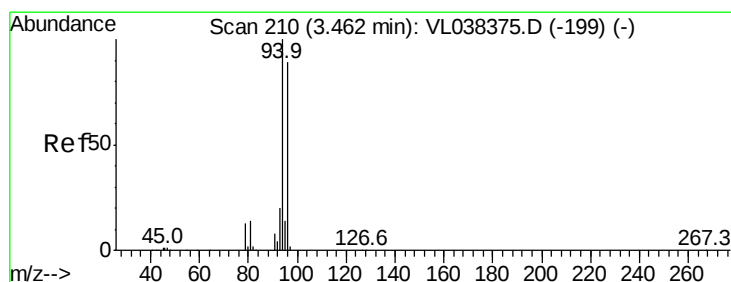
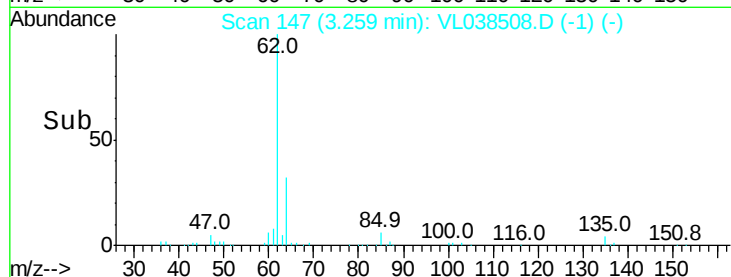
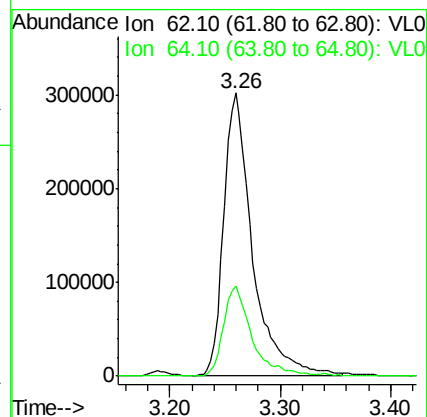
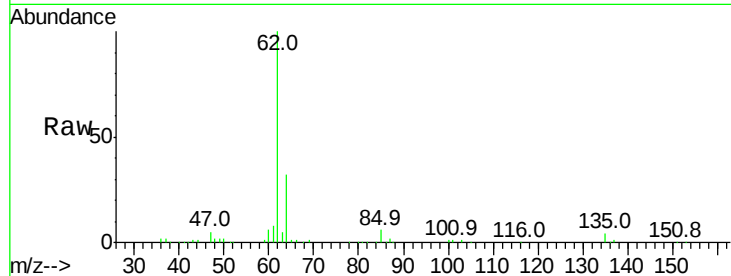
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#6

Bromomethane

Concen: 9.99 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL038508.D

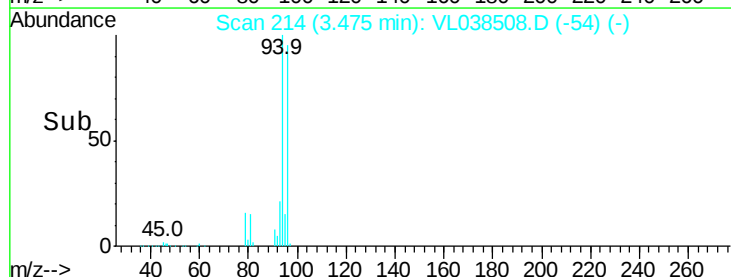
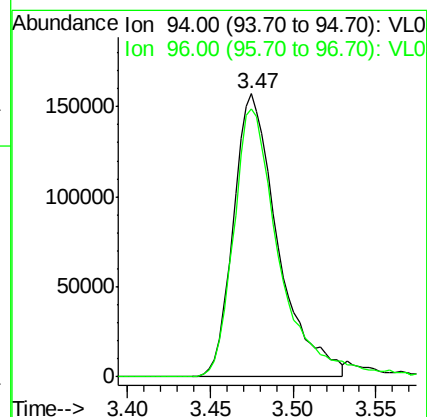
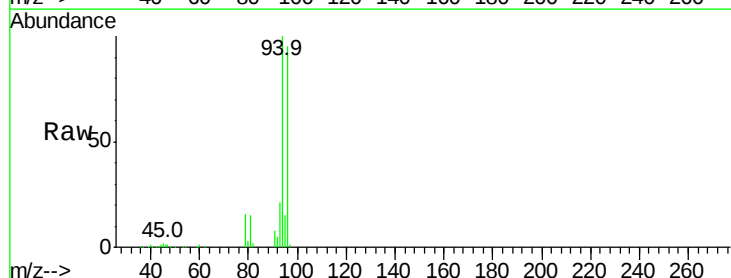
Acq: 3 Mar 2022 9:58

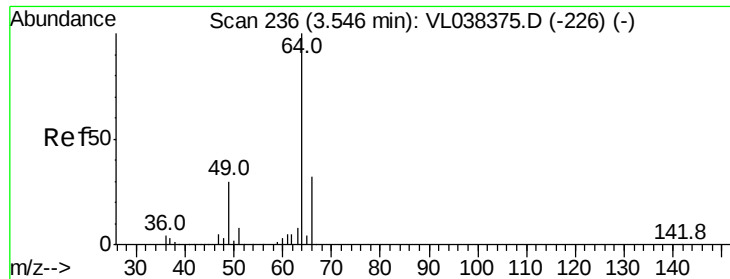
Tgt Ion: 94 Resp: 293237

Ion Ratio Lower Upper

94 100

96 94.6 71.0 106.6





#7

Chloroethane

Concen: 10.46 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

64 100

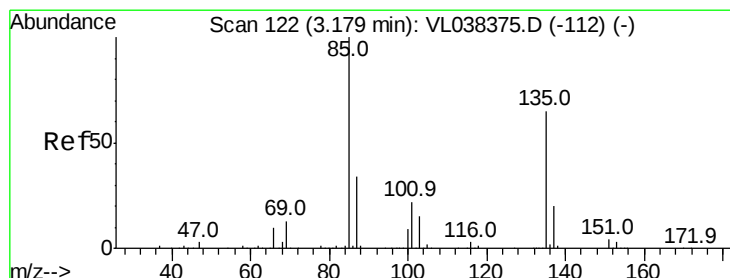
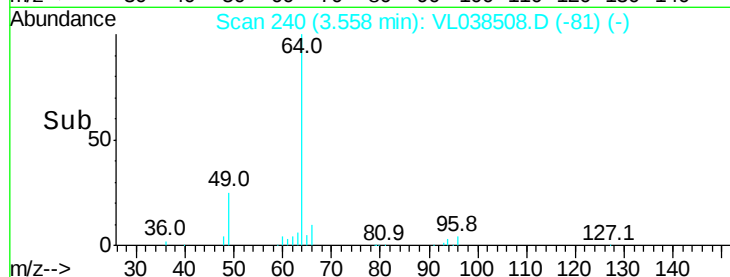
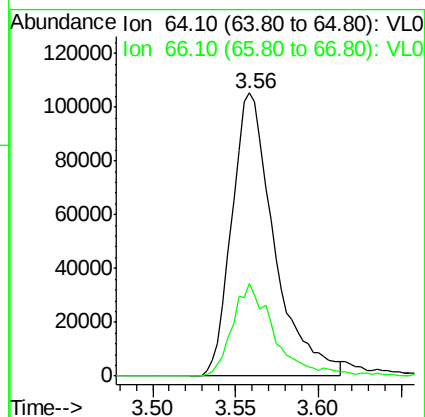
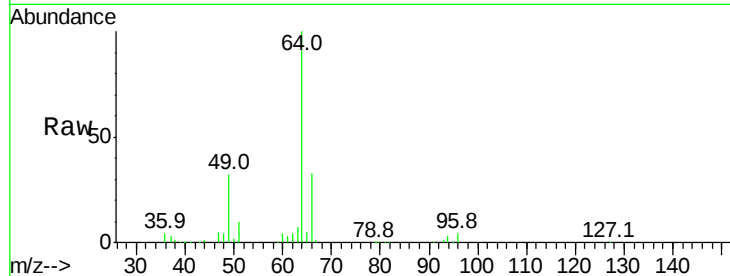
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#8

Dichlorotetrafluoroethane

Concen: 10.07 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.01 min

Lab File: VL038508.D

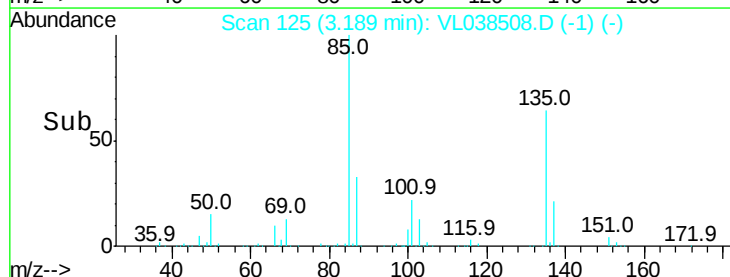
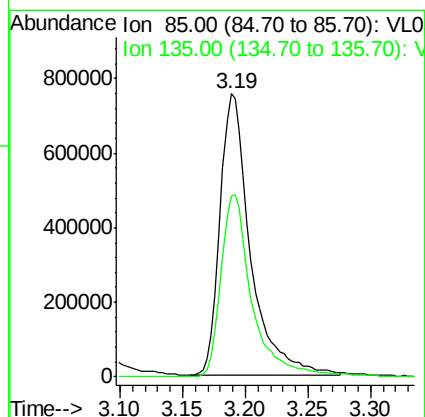
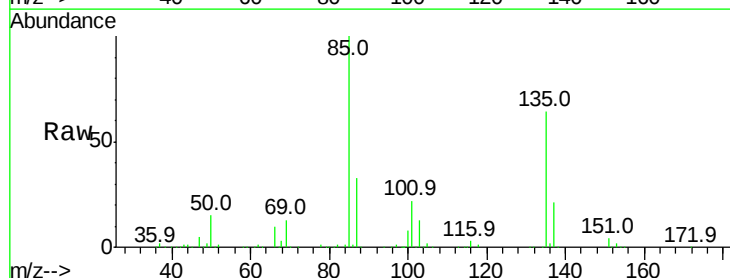
Acq: 3 Mar 2022 9:58

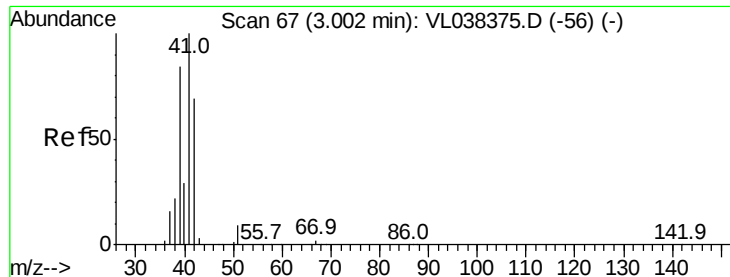
Tgt Ion: 85 Resp: 1287651

Ion Ratio Lower Upper

85 100

135 66.3 54.1 81.1



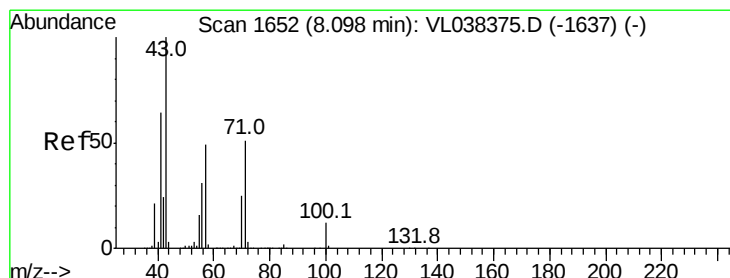
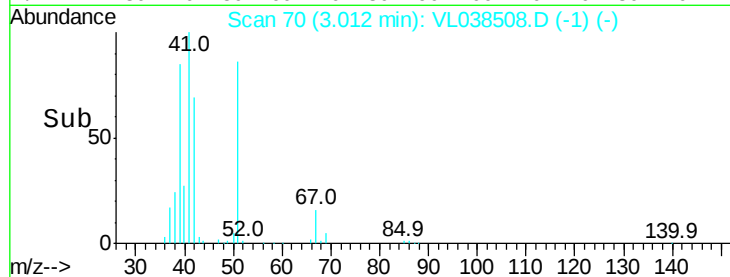
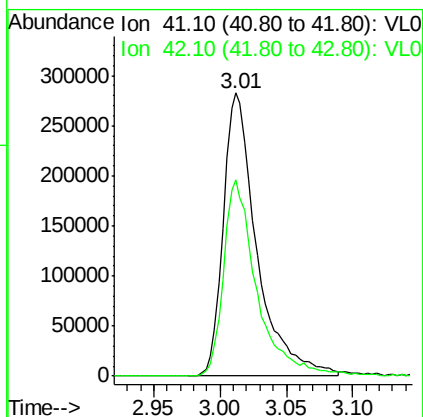
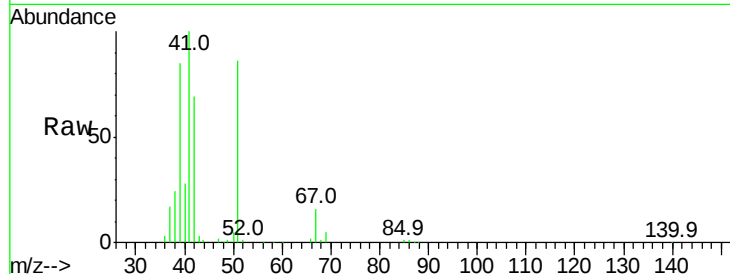


#9
 Propene
 Concen: 9.83 ppbv
 RT: 3.01 min
 Delta R.T.: 0.02 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion: 41
 Ion Ratio: 100
 42 68.

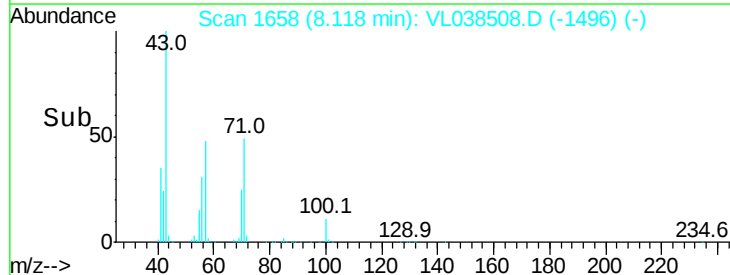
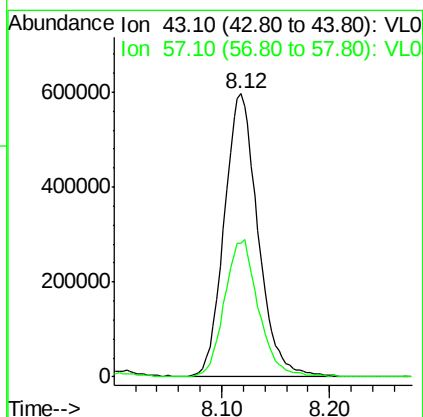
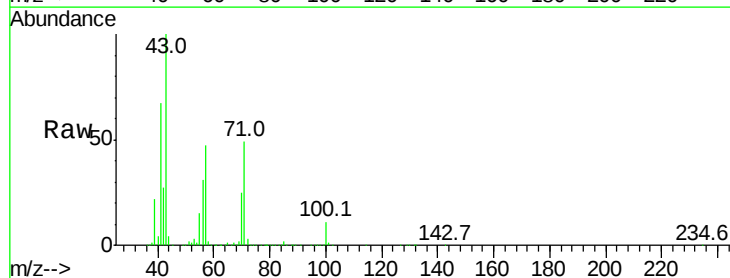
Manual Integrations
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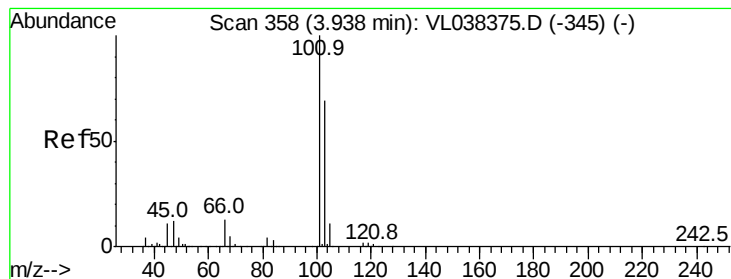
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#10
 Heptane
 Concen: 10.44 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T.: 0.02 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 1286567
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.8 59.8





#11

Trichlorofluoromethane

Concen: 10.01 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:1

Ion Ratio

101 100

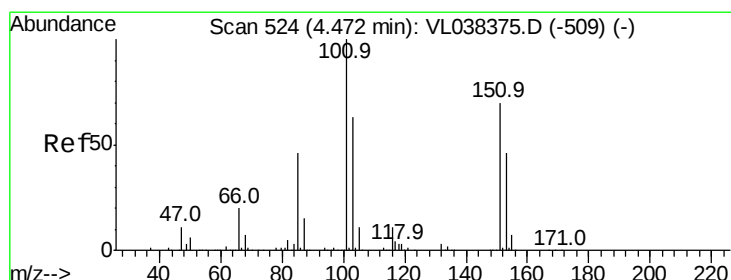
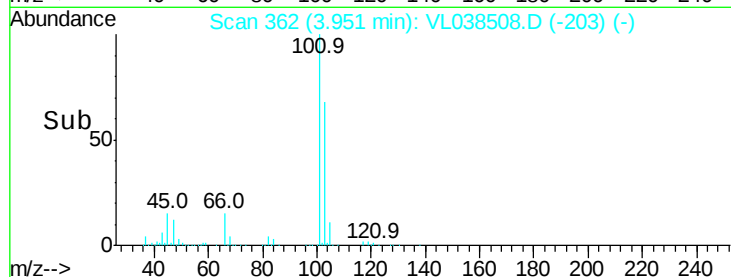
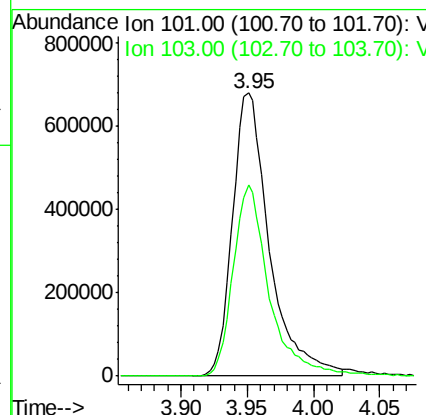
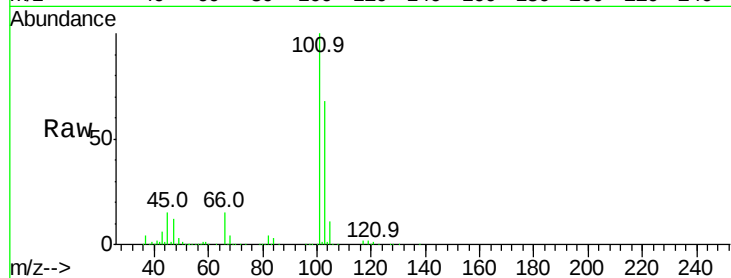
103 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.03 ppbv

RT: 4.48 min Scan# 528

Delta R.T. 0.01 min

Lab File: VL038508.D

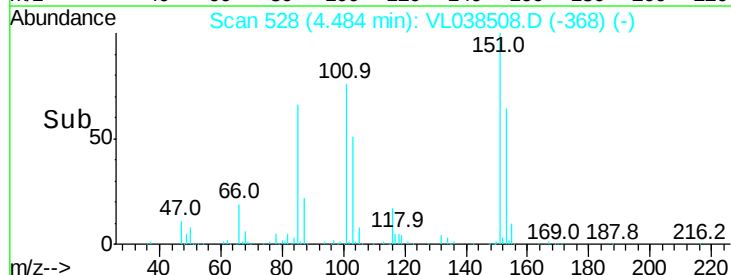
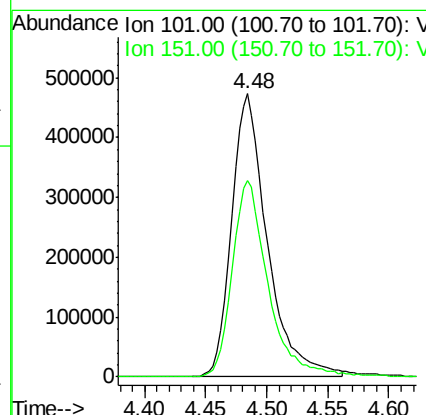
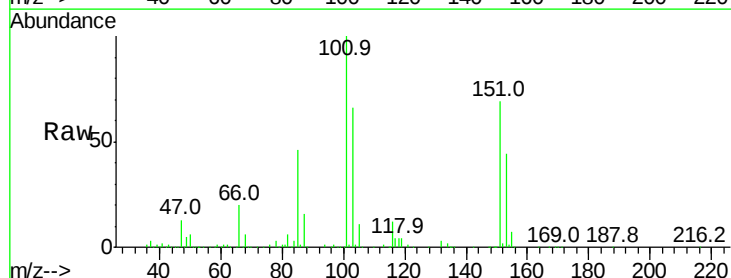
Acq: 3 Mar 2022 9:58

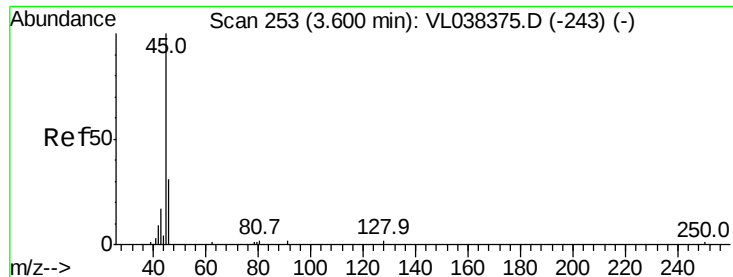
Tgt Ion:101 Resp: 967863

Ion Ratio Lower Upper

101 100

151 70.0 55.9 83.9





#13

Ethanol

Concen: 8.96 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

45 100

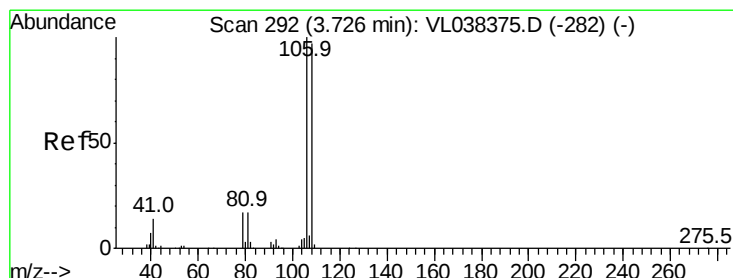
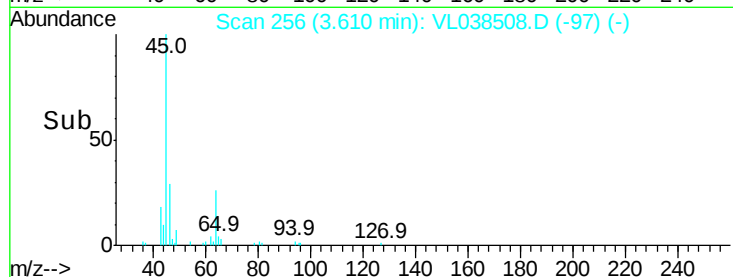
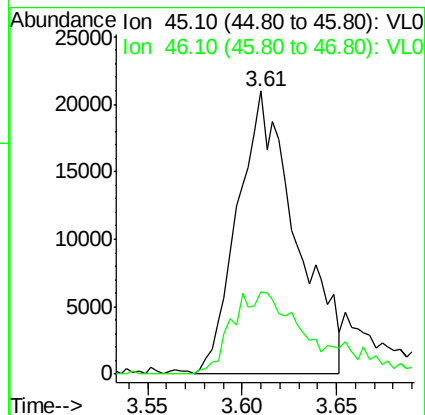
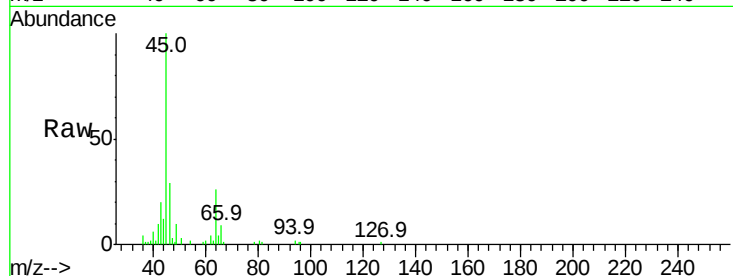
46 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#14

Bromoethene

Concen: 10.22 ppbv

RT: 3.74 min Scan# 297

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

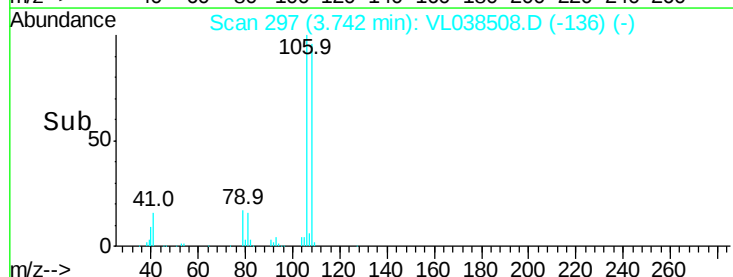
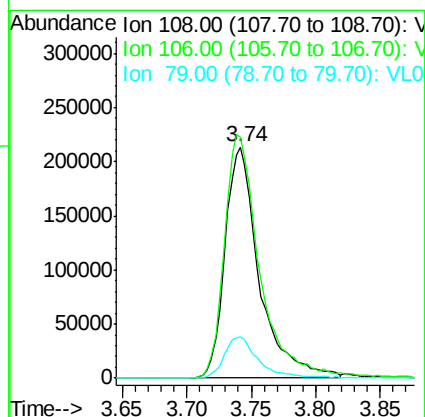
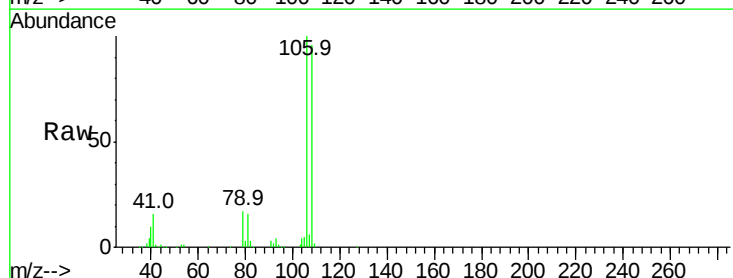
Tgt Ion:108 Resp: 393013

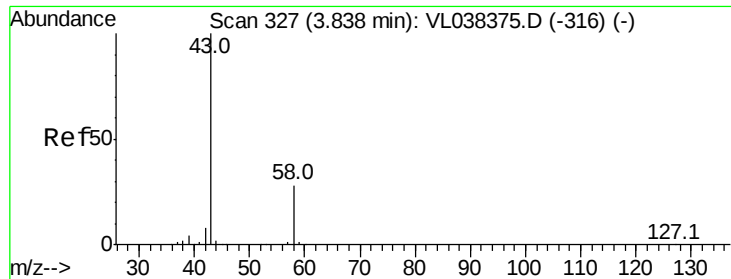
Ion Ratio Lower Upper

108 100

106 110.3 88.4 132.6

79 18.6 15.0 22.6





#15

Acetone

Concen: 8.91 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:

Ion Ratio

43 100

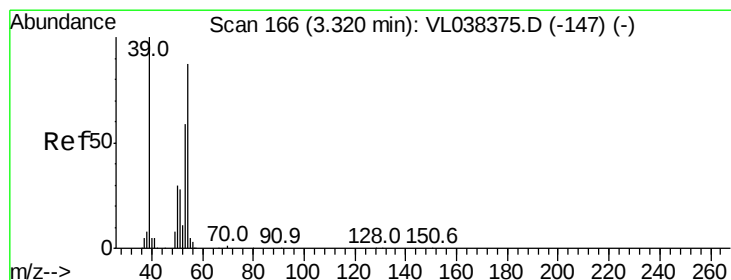
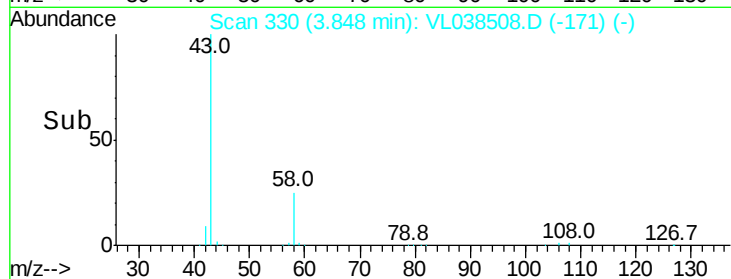
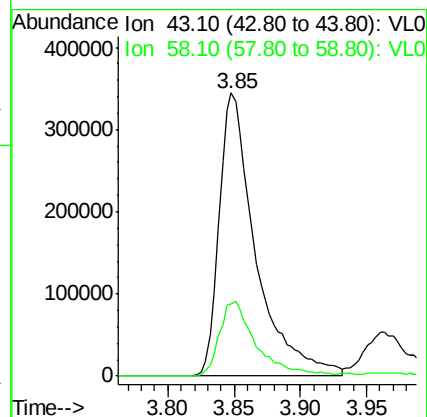
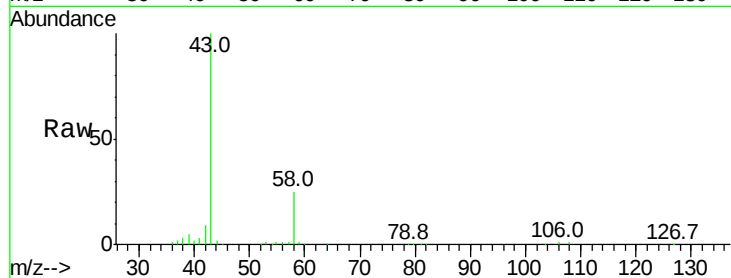
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#16

1,3-Butadiene

Concen: 10.31 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL038508.D

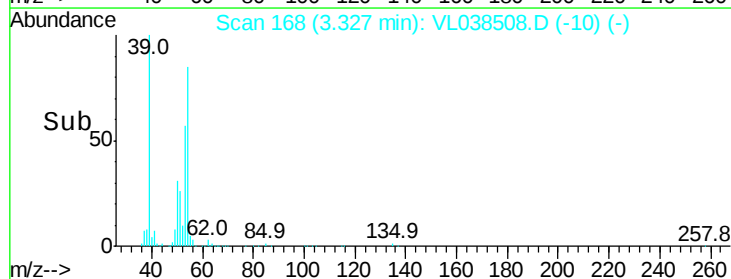
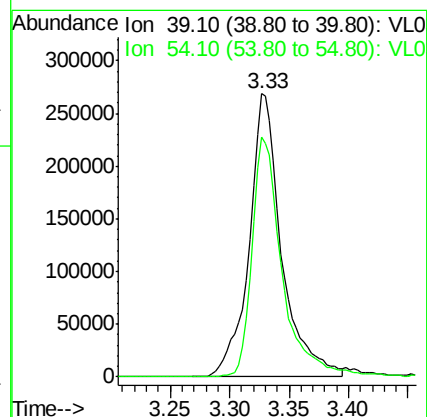
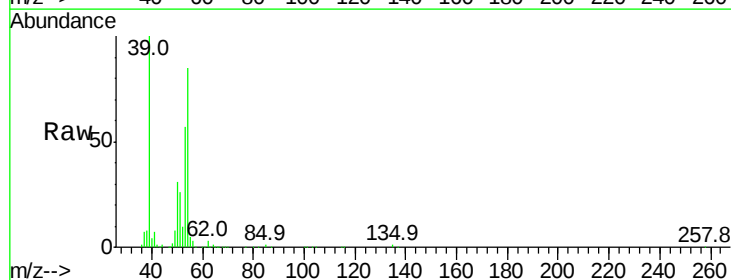
Acq: 3 Mar 2022 9:58

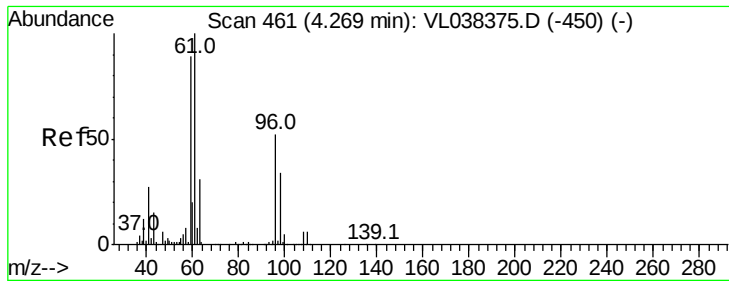
Tgt Ion: 39 Resp: 508126

Ion Ratio Lower Upper

39 100

54 79.2 60.3 90.5





#17

tert-Butyl alcohol

Concen: 10.78 ppbv

RT: 4.28

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58

Tgt Ion:

Ion Ratio

59 100

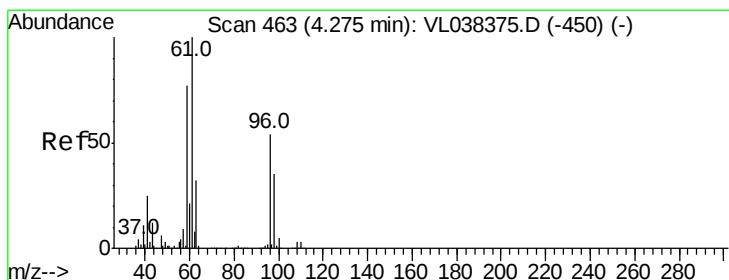
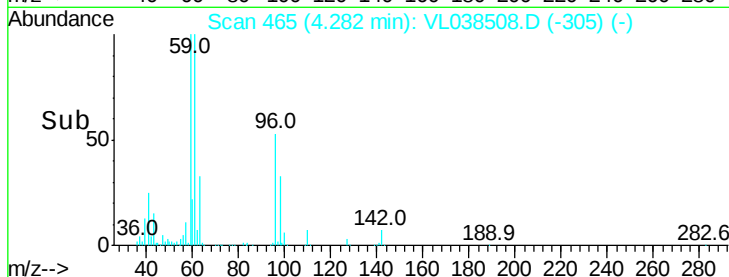
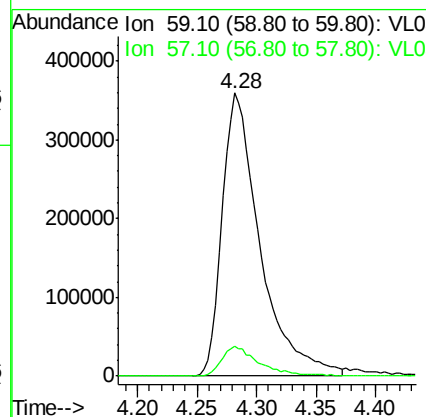
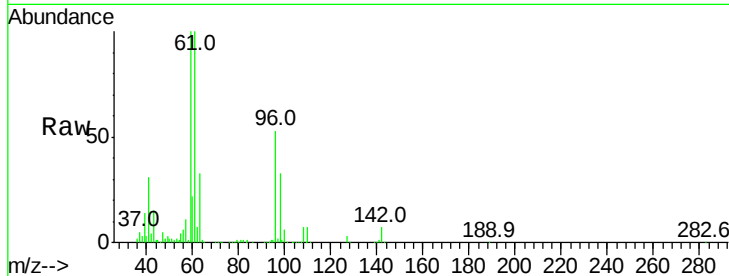
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#18

1,1-Dichloroethene

Concen: 10.02 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.01 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

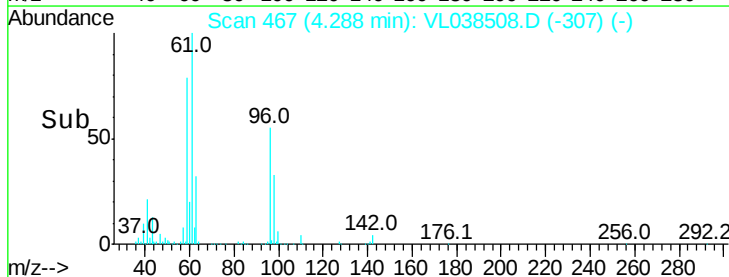
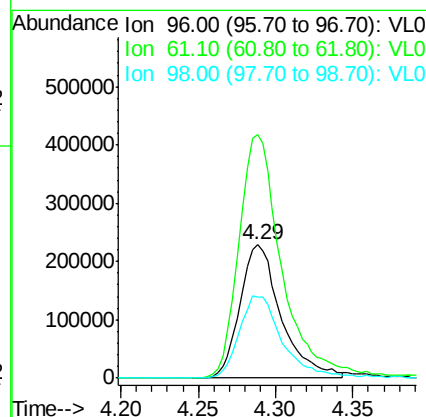
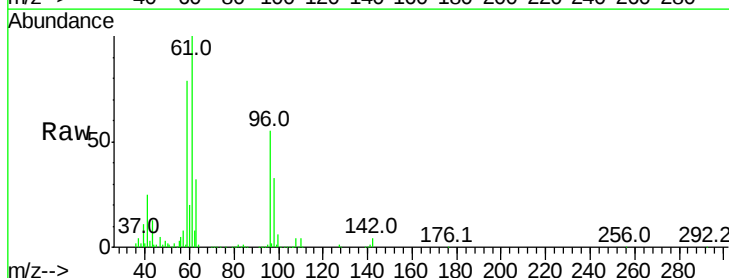
Tgt Ion: 96 Resp: 424614

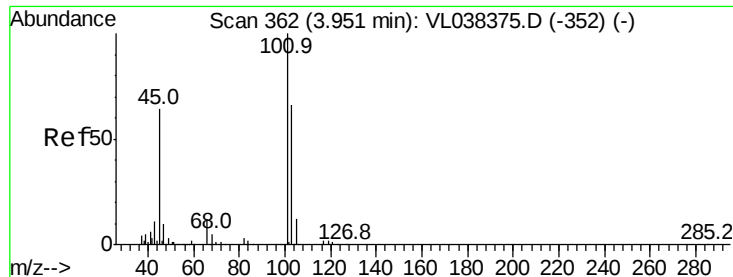
Ion Ratio Lower Upper

96 100

61 182.6 146.8 220.2

98 61.1 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.51 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCC010

Tgt Ion:

Ion Ratio

45 100

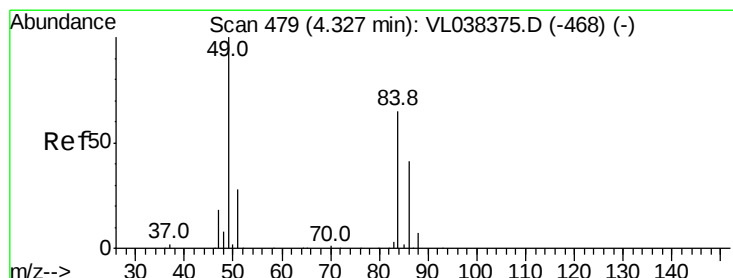
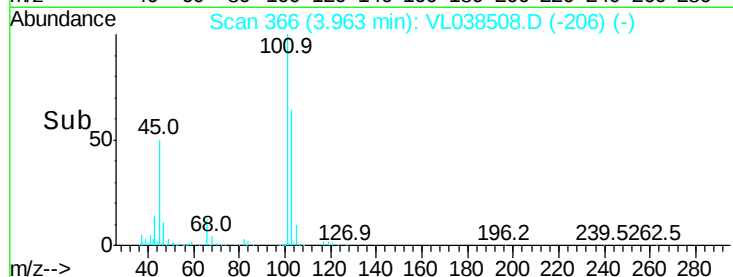
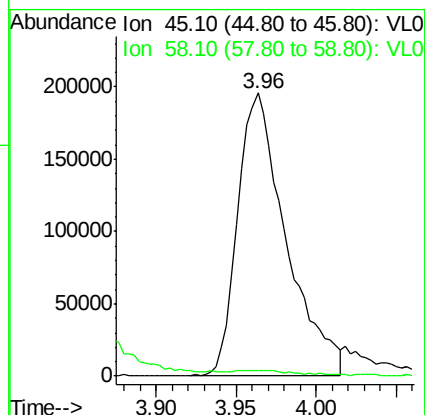
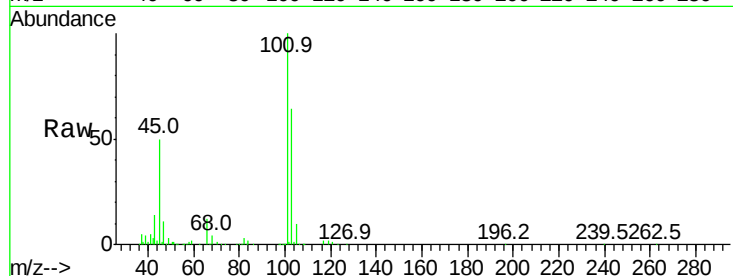
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#20

Methylene Chloride

Concen: 9.61 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion: 84 Resp: 351476

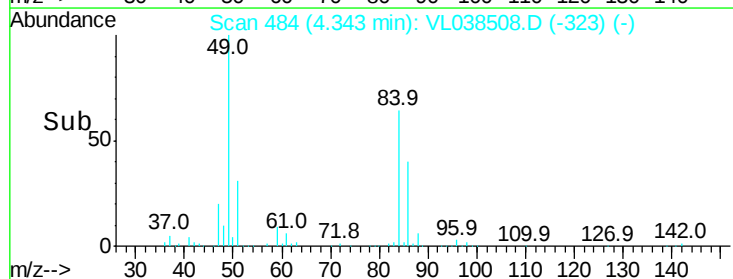
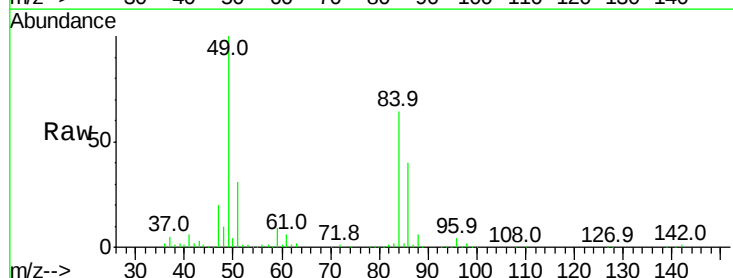
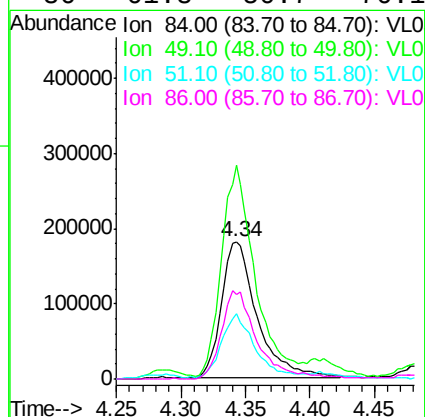
Ion Ratio Lower Upper

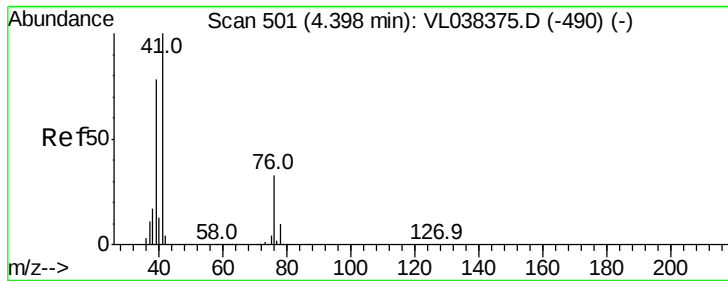
84 100

49 153.3 122.4 183.6

51 46.1 33.3 49.9

86 61.8 50.7 76.1





#21

Allyl Chloride

Concen: 10.13 ppbv

RT: 4.41

Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: ClientSampleId : VSTDCCC010

Acq: 3 Mar 2022 9:58

Tgt Ion:

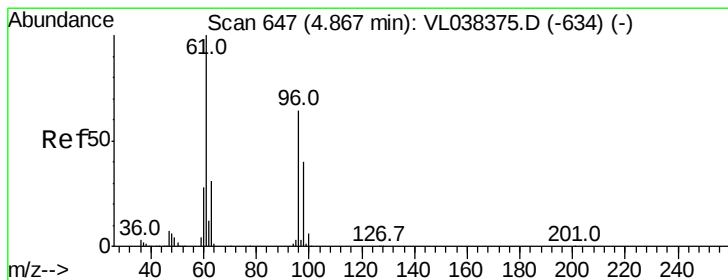
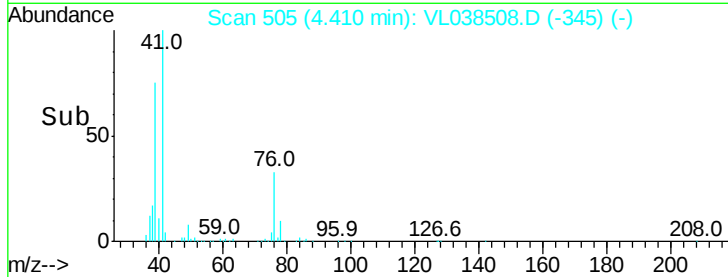
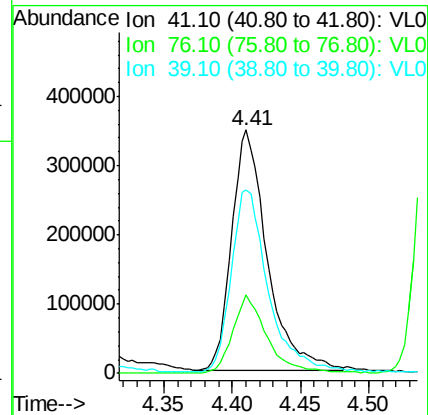
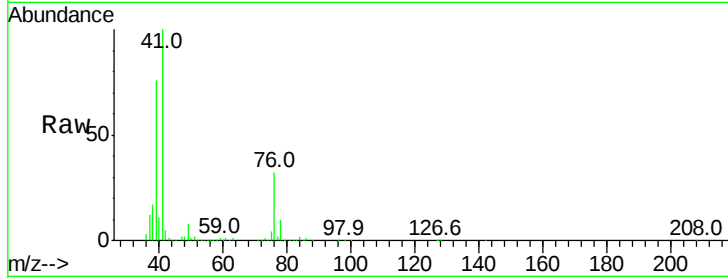
Ion	Ratio
41	100
76	31.
39	78.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#22

trans-1,2-Dichloroethene

Concen: 10.37 ppbv

RT: 4.89 min Scan# 653

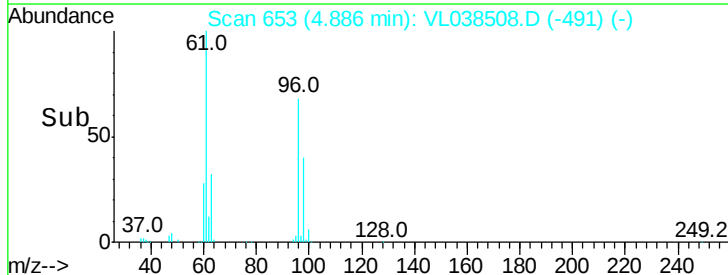
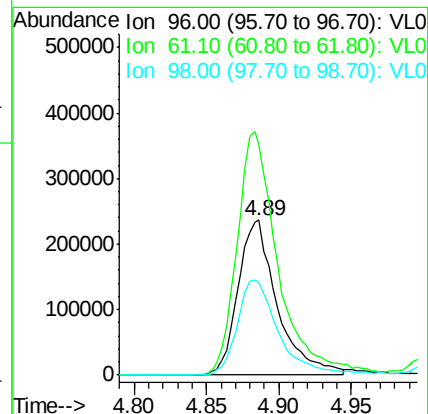
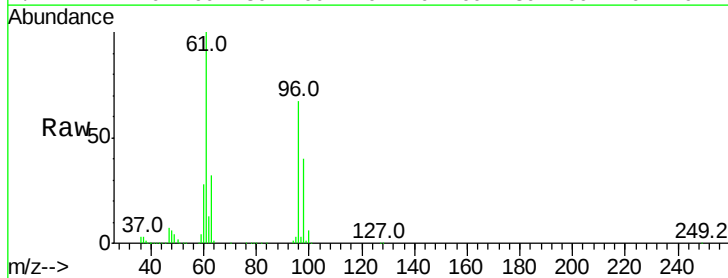
Delta R.T. 0.02 min

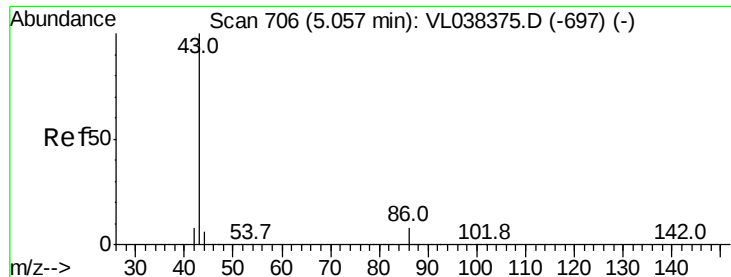
Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion: 96 Resp: 443374

Ion	Ratio	Lower	Upper
96	100		
61	148.8	124.2	186.4
98	59.8	49.1	73.7





#23

Vinyl Acetate

Concen: 10.28 ppbv

RT: 5.07 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

43 100

86 6.

42 9.

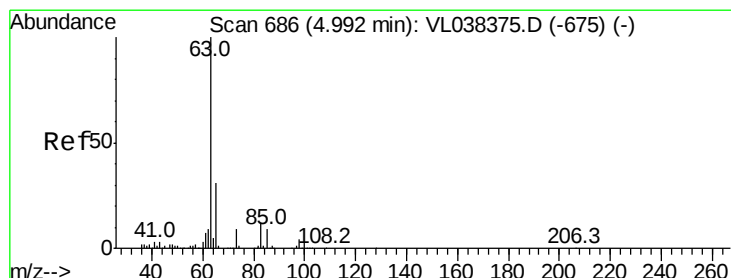
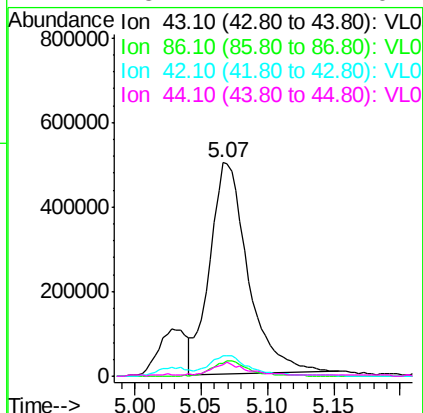
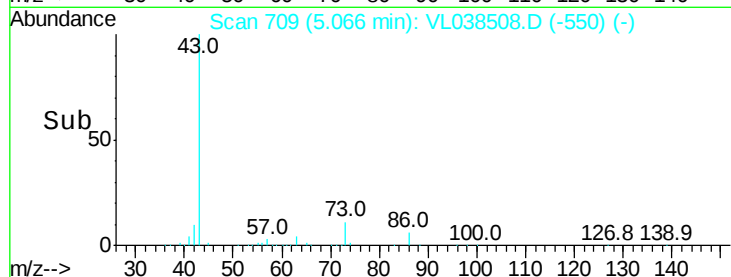
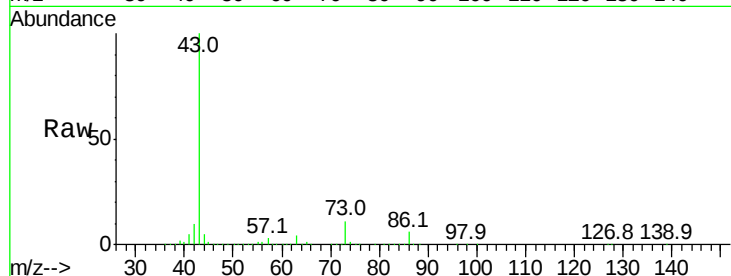
44 5.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#24

1,1-Dichloroethane

Concen: 10.10 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

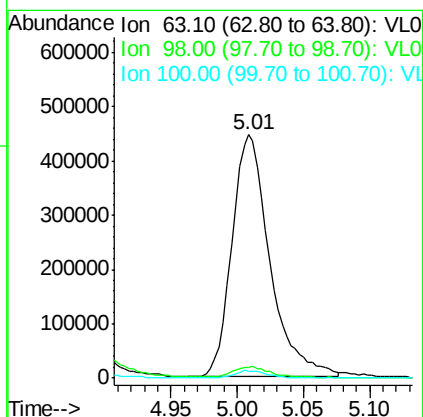
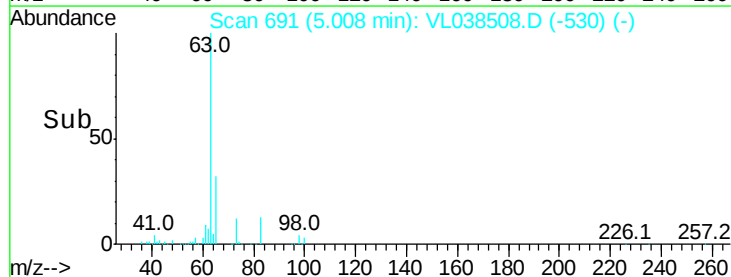
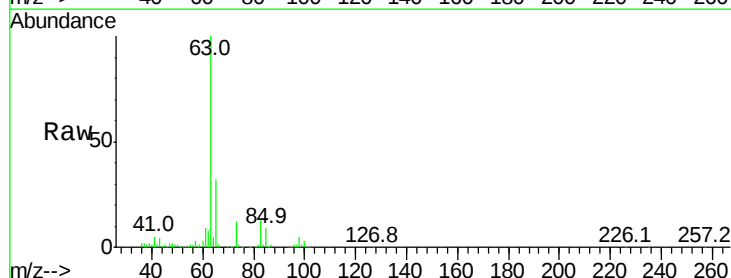
Tgt Ion: 63 Resp: 888295

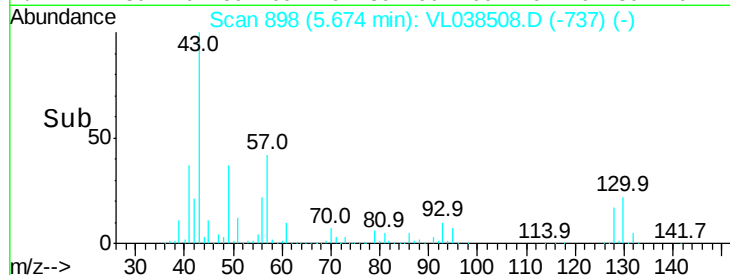
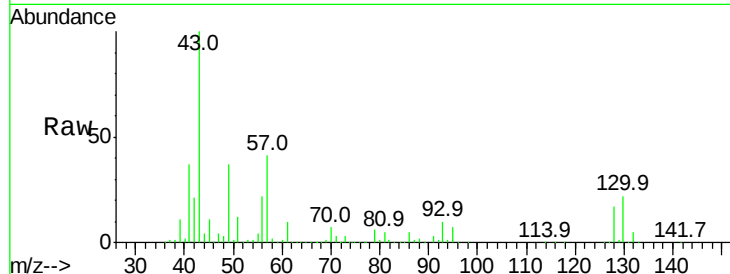
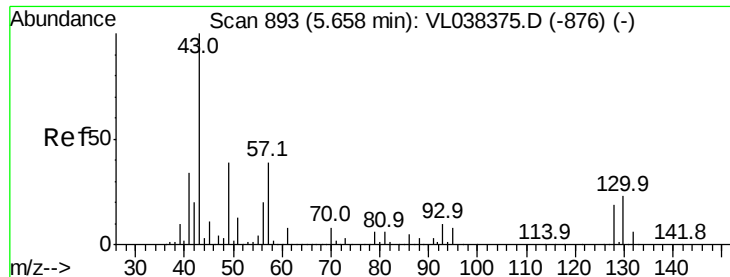
Ion Ratio Lower Upper

63 100

98 4.3 2.1 6.5

100 2.9 1.4 4.2



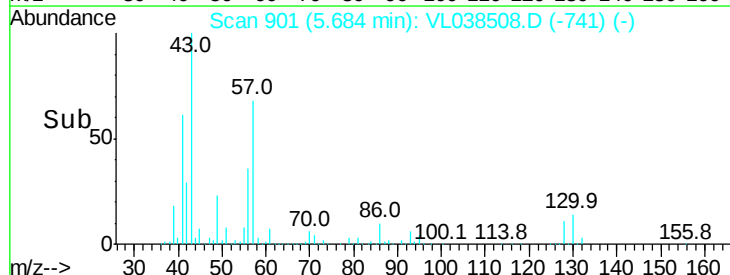
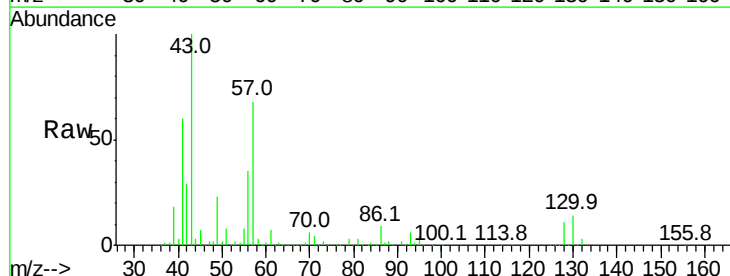
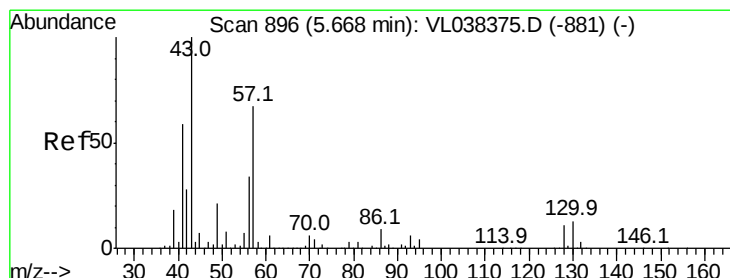
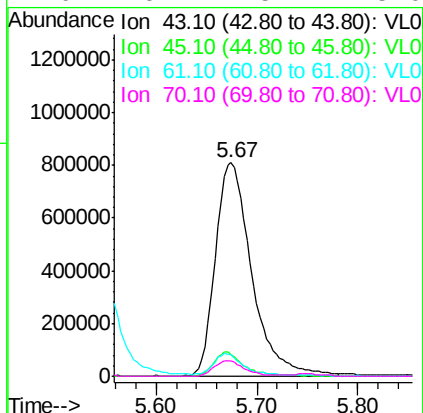


#25
Ethyl Acetate
Concen: 10.16 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.4 5.4 8.0

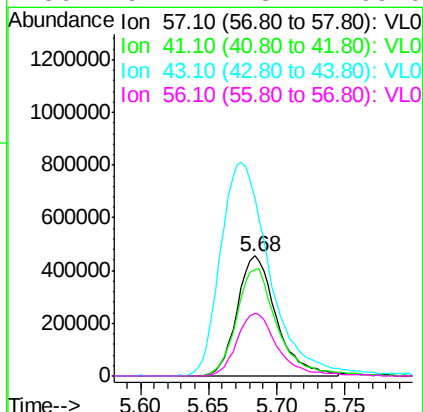
Manual Integrations
APPROVED

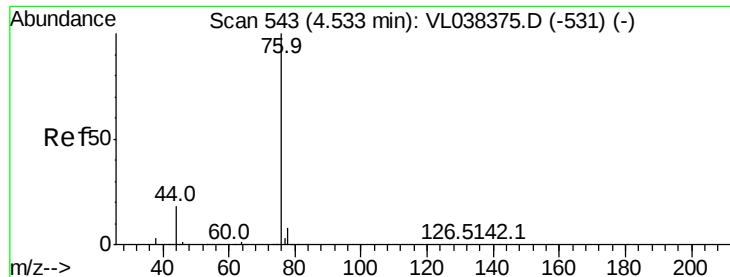
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#26
Hexane
Concen: 10.14 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 57 Resp: 910645
Ion Ratio Lower Upper
57 100
41 93.8 73.1 109.7
43 224.3 181.0 271.4
56 54.7 43.4 65.0



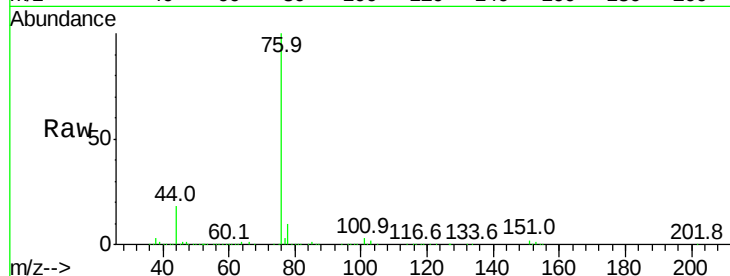


#27
Carbon Disulfide
Concen: 10.82 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

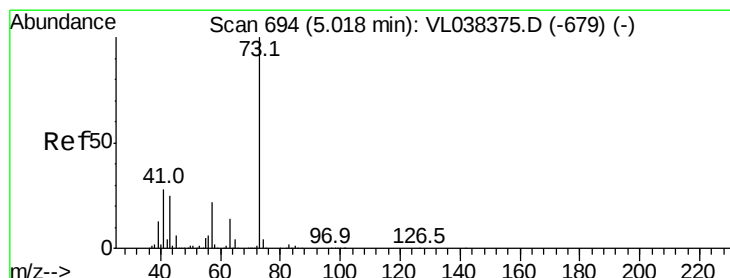
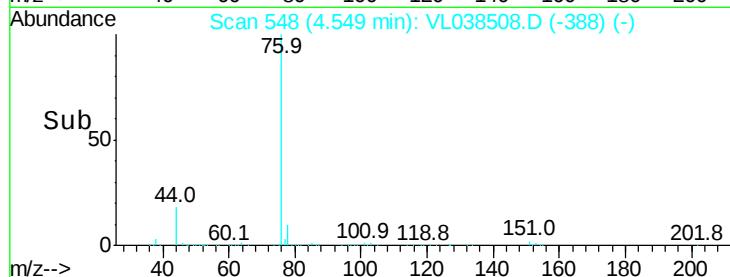
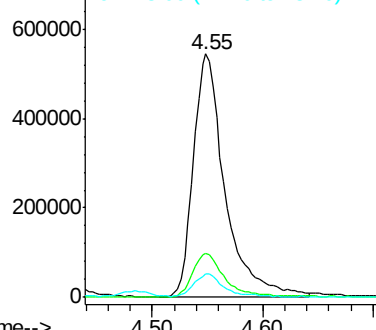
Tgt Ion:
Ion Ratio
76 100
44 18.
78 9.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022

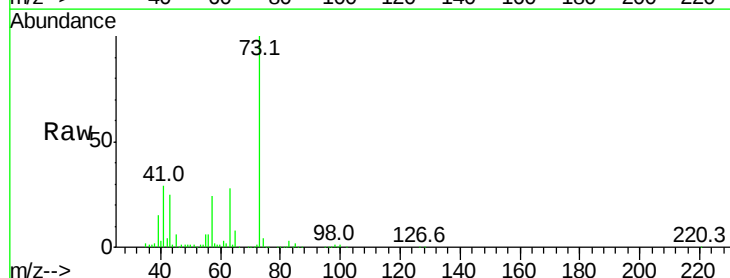


Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0

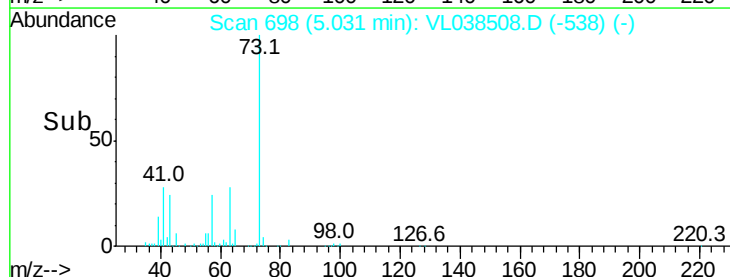
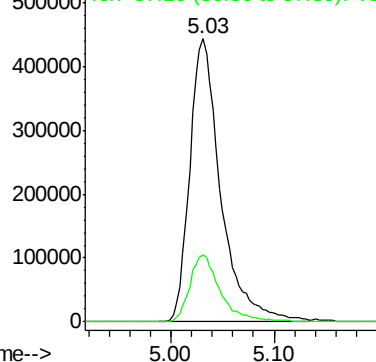


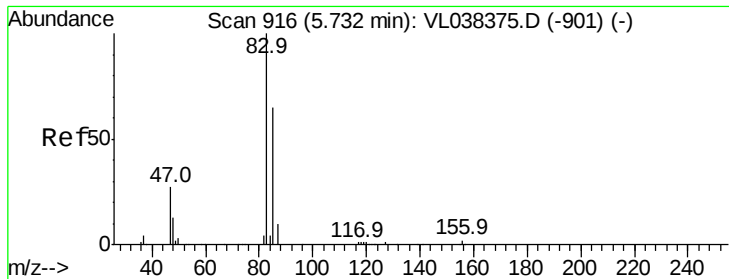
#28
Methyl tert-Butyl Ether
Concen: 10.16 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 73 Resp: 929066
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



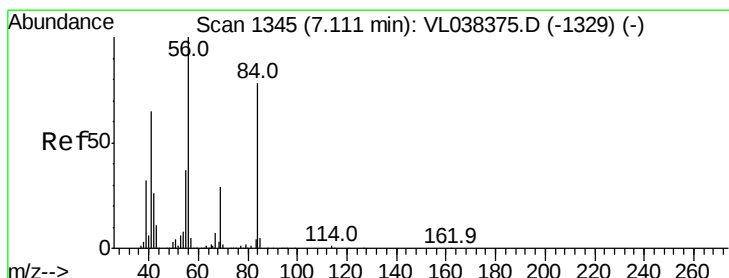
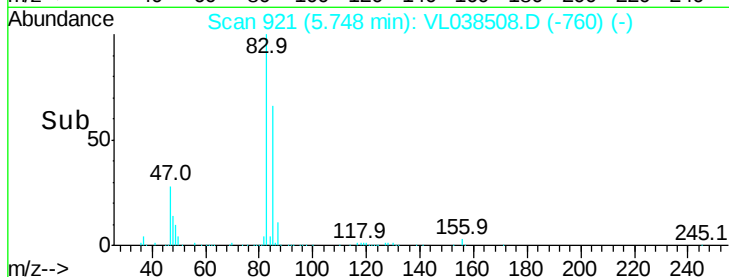
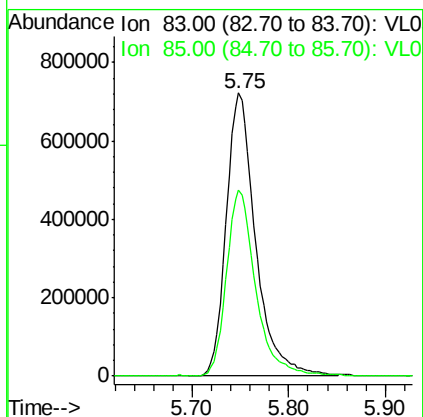
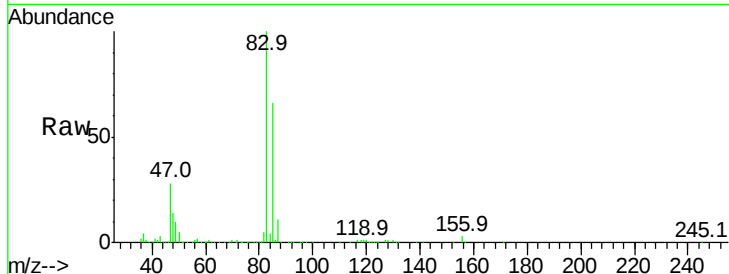


#29
Chloroform
Concen: 10.41 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion:
Ion Ratio
83 100
85 65.

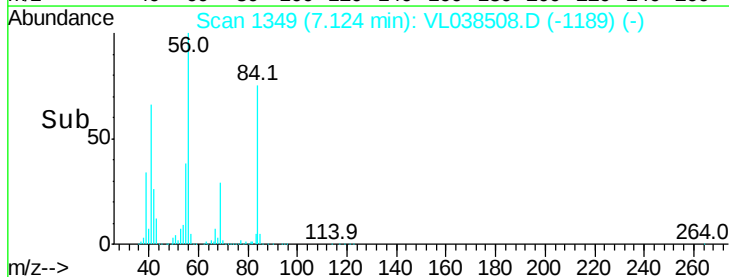
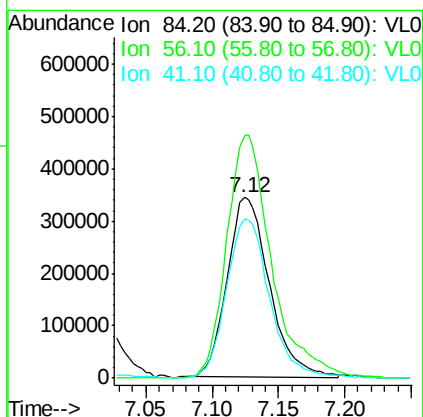
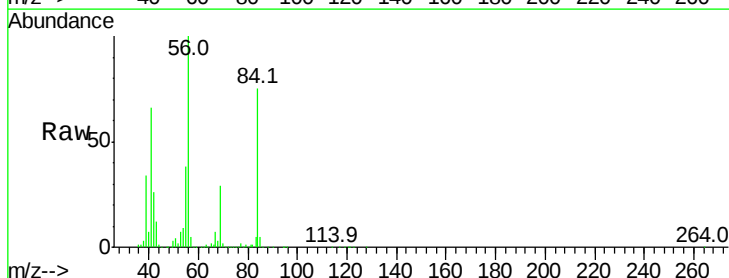
Manual Integrations
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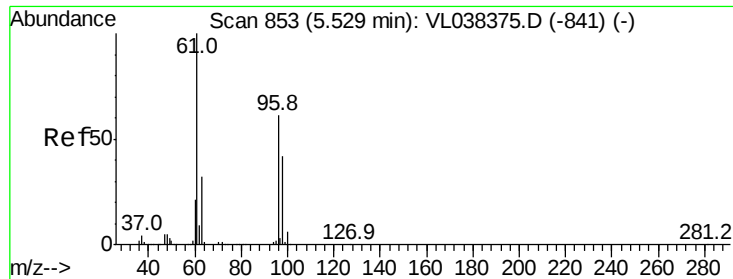
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#30
Cyclohexane
Concen: 10.37 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.01 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 84 Resp: 761480
Ion Ratio Lower Upper
84 100
56 145.1 116.2 174.4
41 90.5 74.3 111.5





#31

cis-1,2-Dichloroethene

Concen: 10.59 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

61 100

96 62.

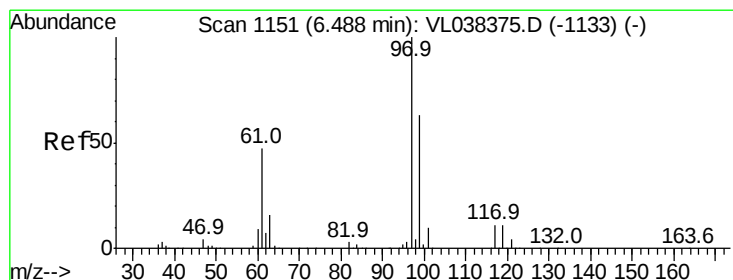
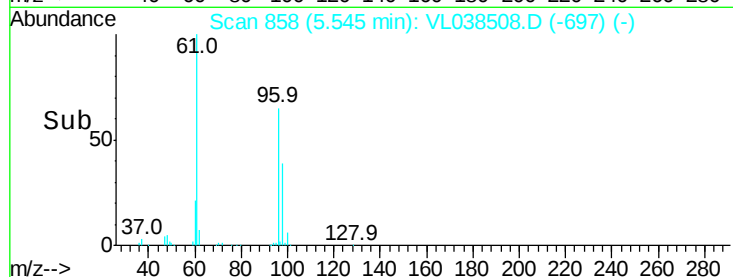
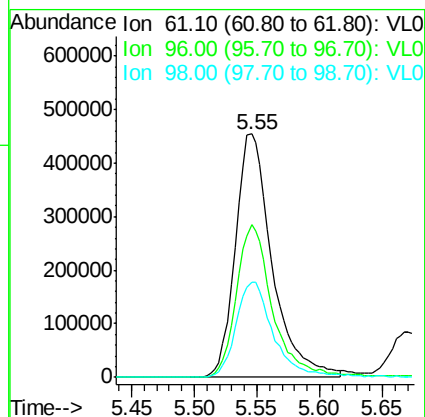
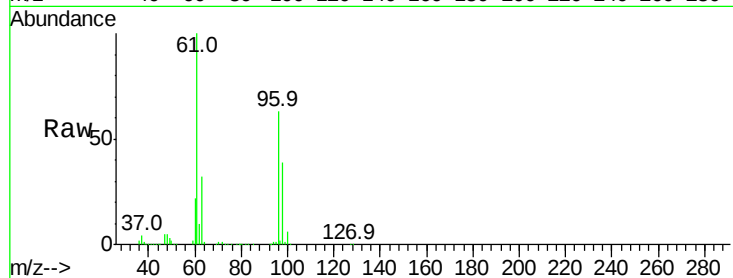
98 39.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#32

1,1,1-Trichloroethane

Concen: 10.19 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

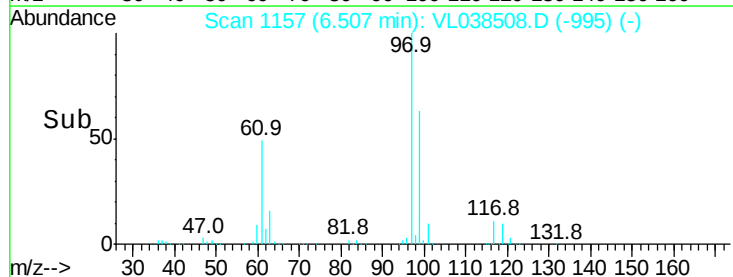
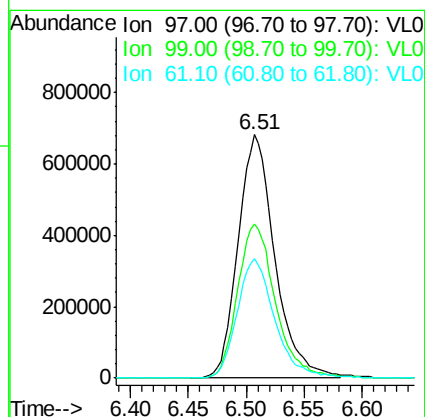
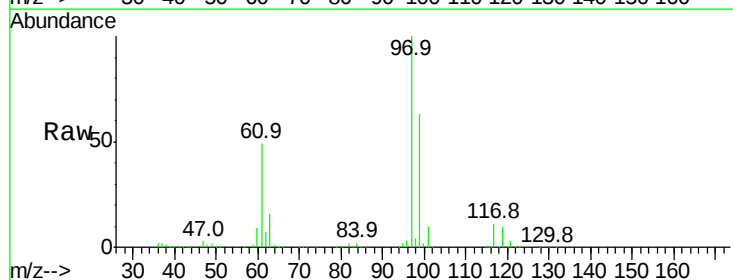
Tgt Ion: 97 Resp: 1502532

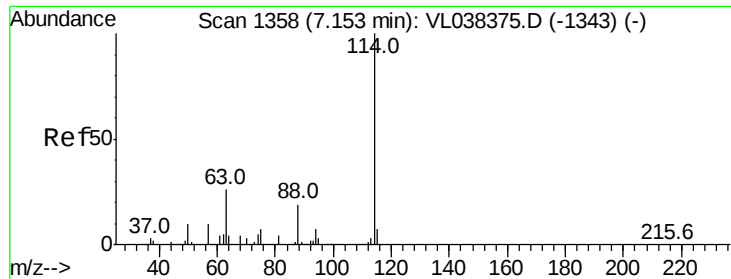
Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 50.2 40.5 60.7



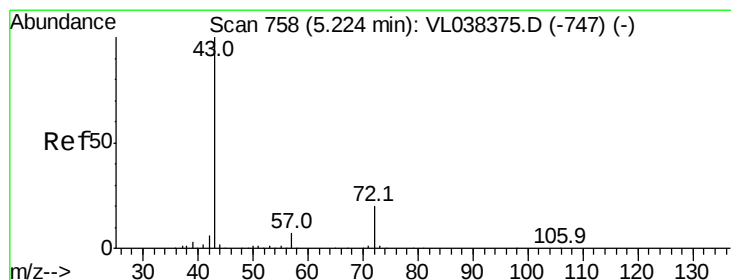
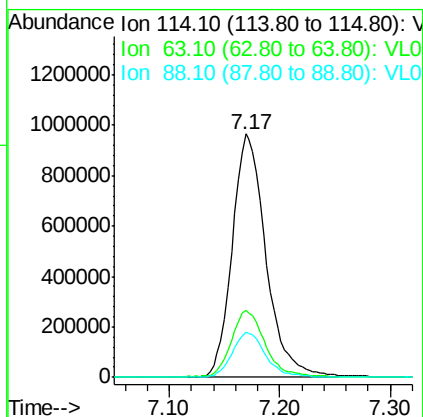
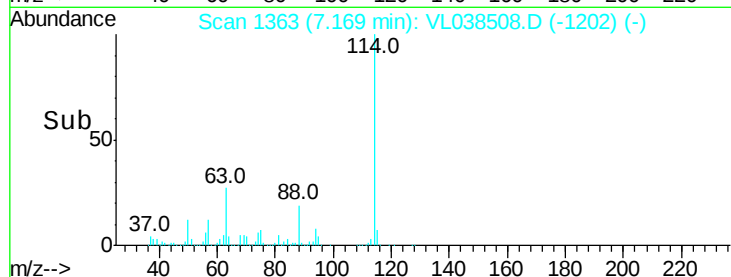
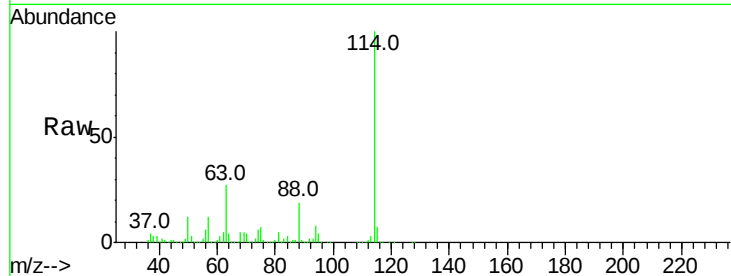


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Mar 2022 9:58

Tgt Ion: 1
 Ion Ratio
 114 100
 63 28.
 88 18.

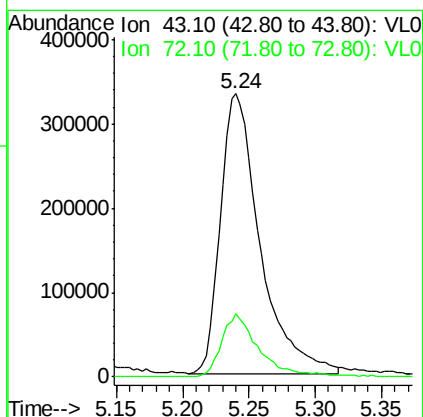
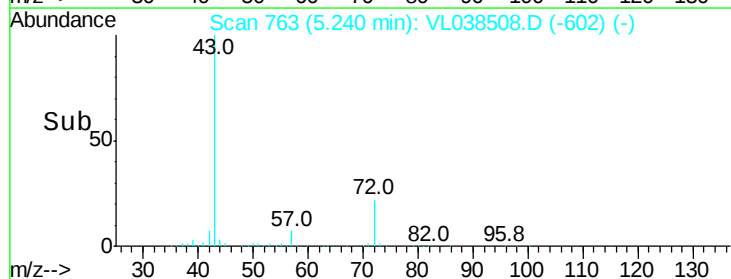
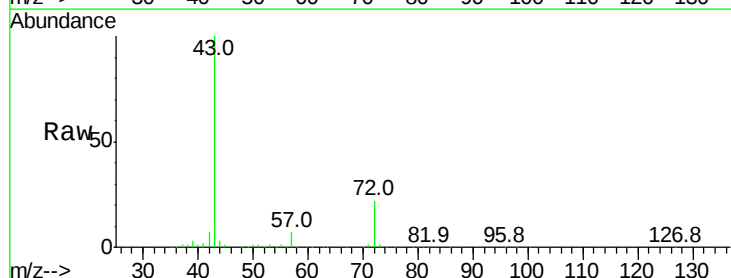
Manual Integrations
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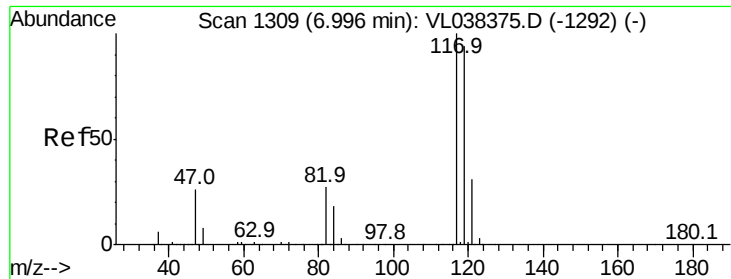
Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022



#34
 2-Butanone
 Concen: 10.72 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. 0.02 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 689973
 Ion Ratio Lower Upper
 43 100
 72 21.8 17.4 26.2



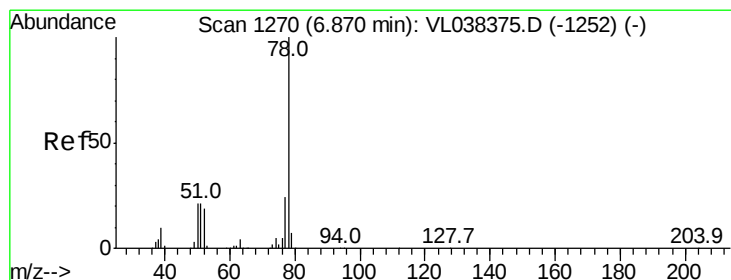
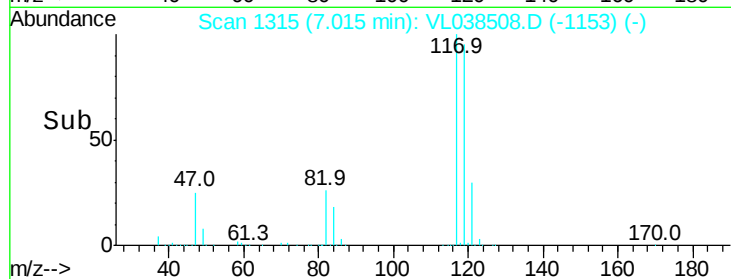
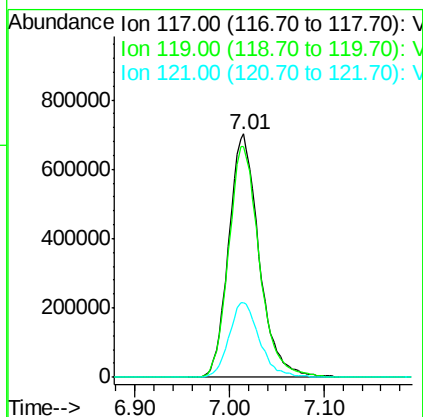
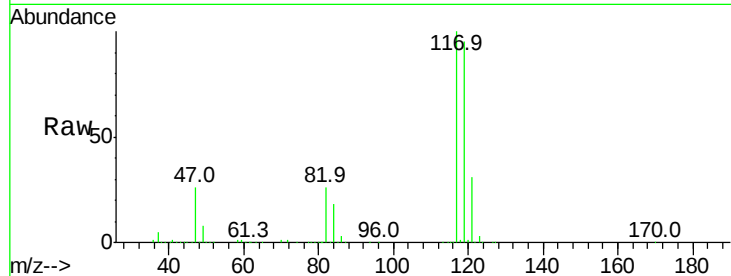


#35
Carbon Tetrachloride
Concen: 10.89 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 30.

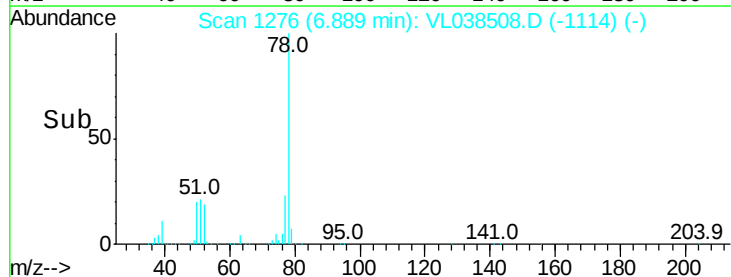
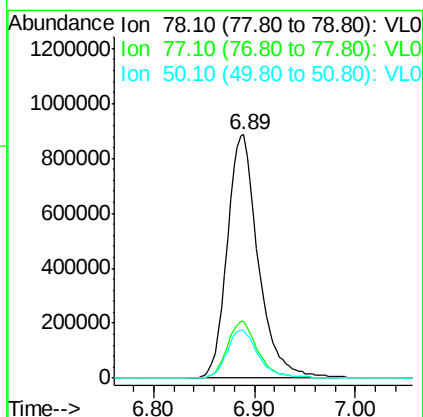
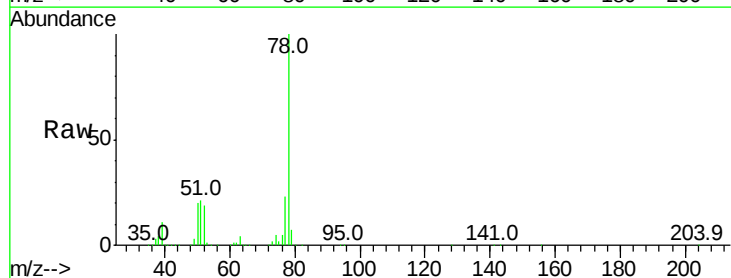
Manual Integrations
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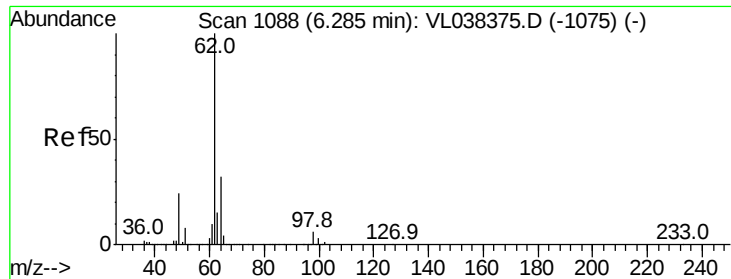
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/05/2022



#36
Benzene
Concen: 10.56 ppbv
RT: 6.89 min Scan# 1276
Delta R.T.: 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 78 Resp: 1901634
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6
50 19.7 16.6 24.8





#37

1,2-Dichloroethane

Concen: 11.02 ppbv

RT: 6.30

Instrument: MSVOA_1

Delta R.T. 0.02

Lab File: ClientSampleId: VSTDCCC010

Acq: 3 Mar 2022 9:58

Tgt Ion: 62.10 (61.80 to 62.80): VL0

Ion Ratio: 100

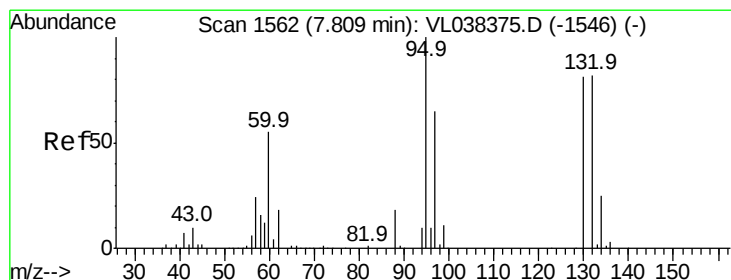
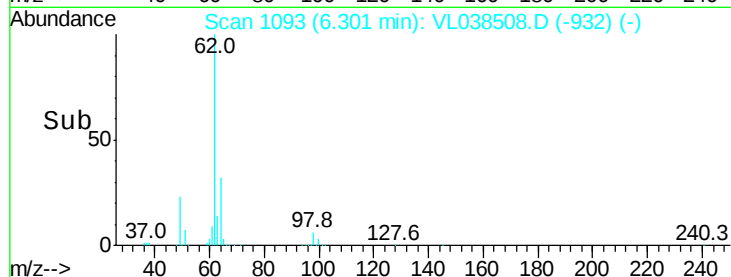
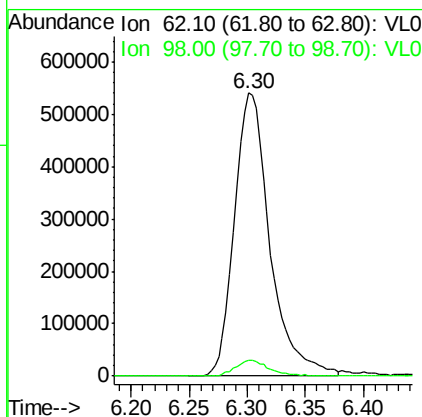
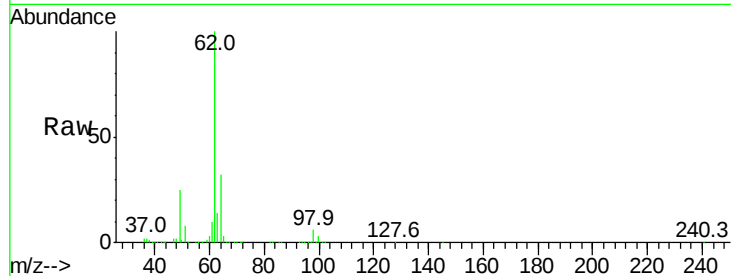
98 5.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#38

Trichloroethene

Concen: 10.36 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion: 130 Resp: 679726

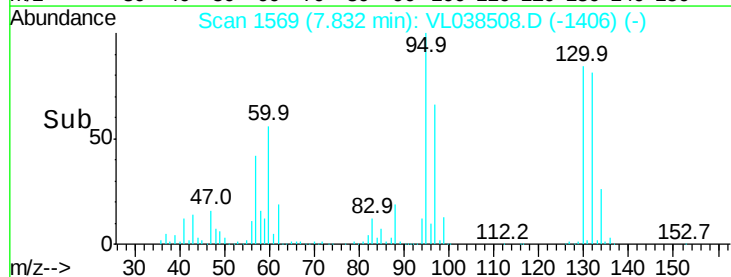
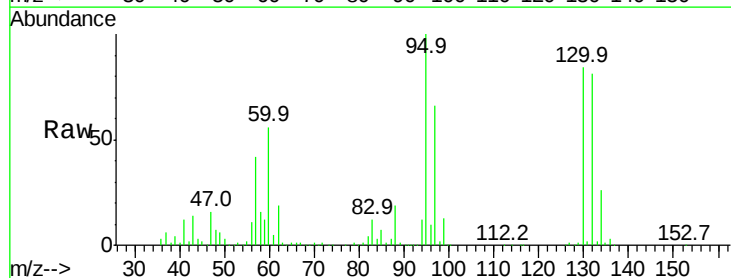
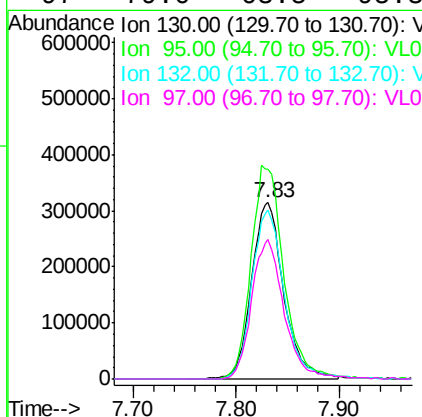
Ion Ratio Lower Upper

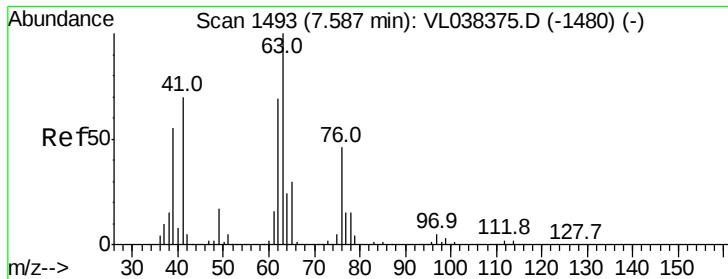
130 100

95 119.0 98.1 147.1

132 96.0 80.3 120.5

97 79.0 63.5 95.3



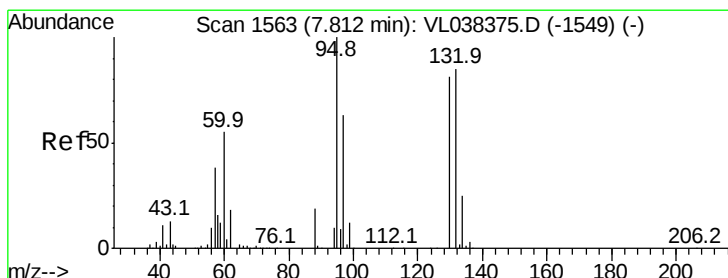
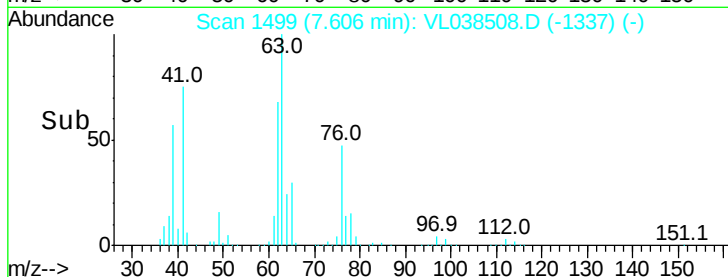
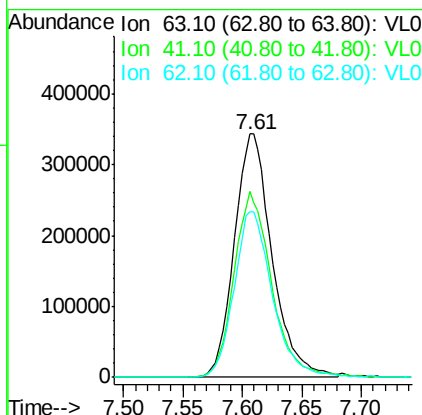
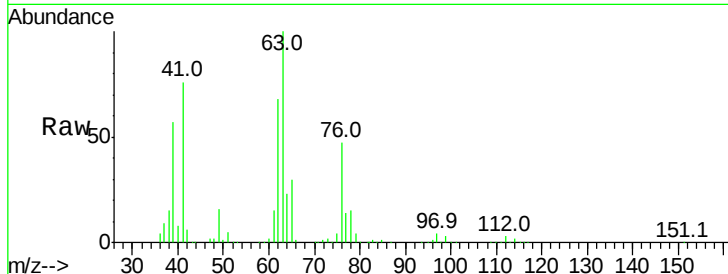


#39
1,2-Dichloropropane
Concen: 10.52 ppbv
RT: 7.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 9:58

Tgt Ion:
Ion Ratio
63 100
41 76.
62 68.

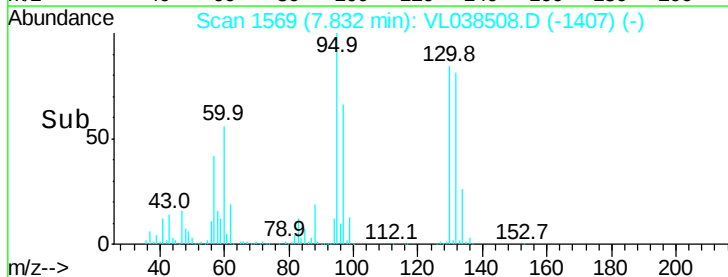
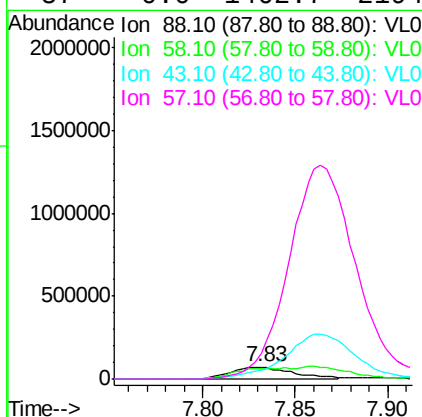
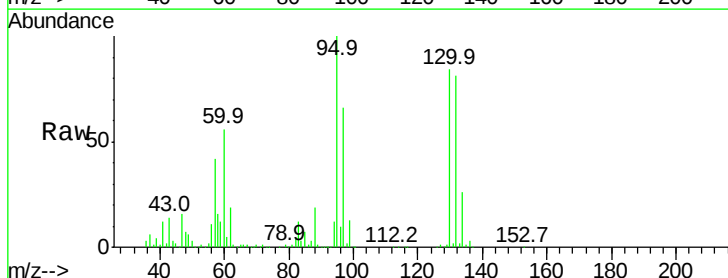
Manual Integrations
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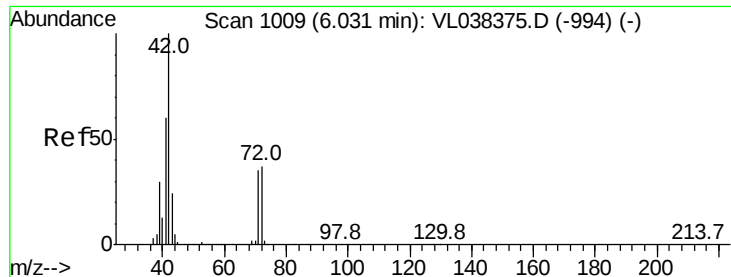
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#40
1,4-Dioxane
Concen: 10.04 ppbv m
RT: 7.83 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 88 Resp: 170852
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#



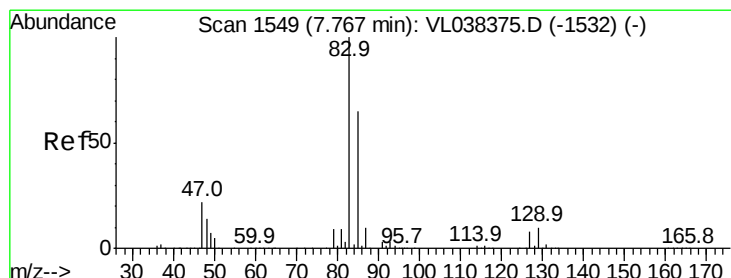
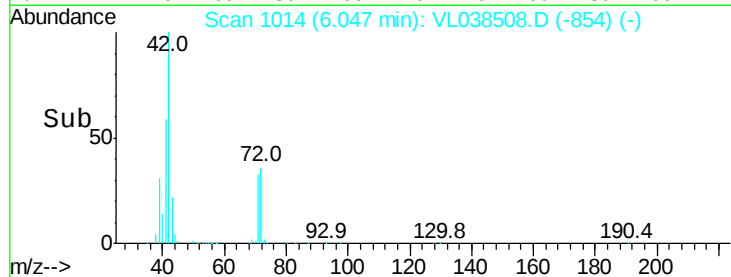
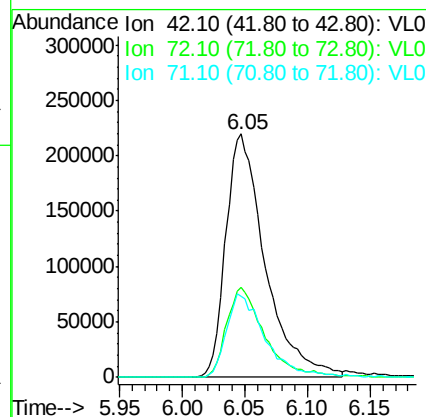
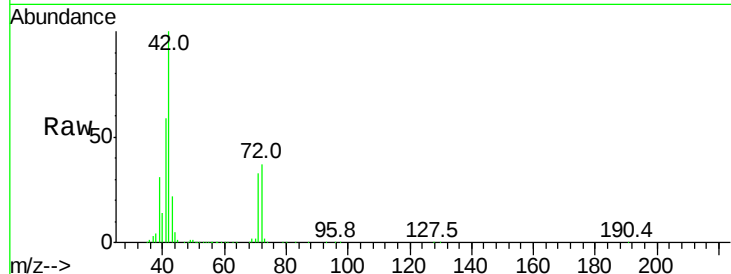


#41
Tetrahydrofuran
Concen: 10.96 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion:
Ion Ratio
42 100
72 36.
71 34.

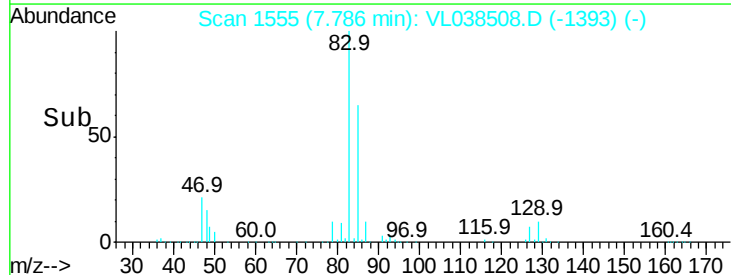
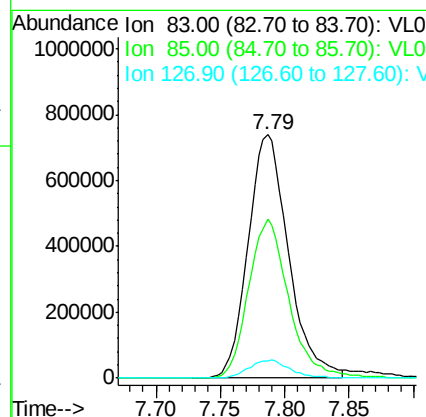
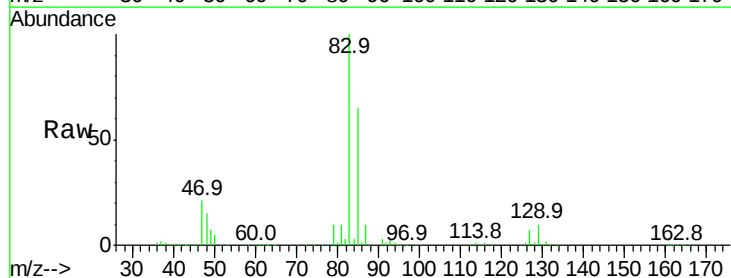
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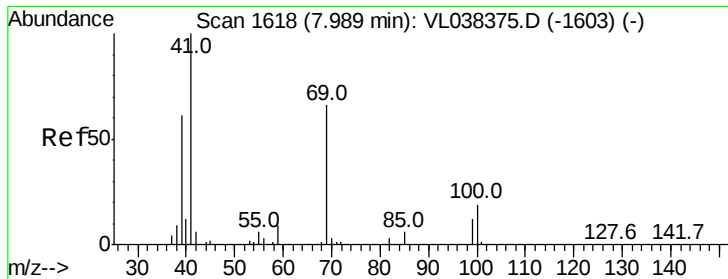
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#42
Bromodichloromethane
Concen: 10.76 ppbv
RT: 7.79 min Scan# 1555
Delta R.T.: 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 83 Resp: 1617338
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4
127 7.2 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.12 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.02

Lab File: ClientSampleId: VSTDCCC010

Acq: 3 Mar 2022 9:58

Tgt Ion:

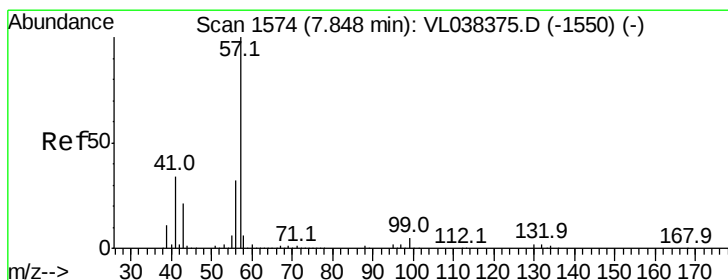
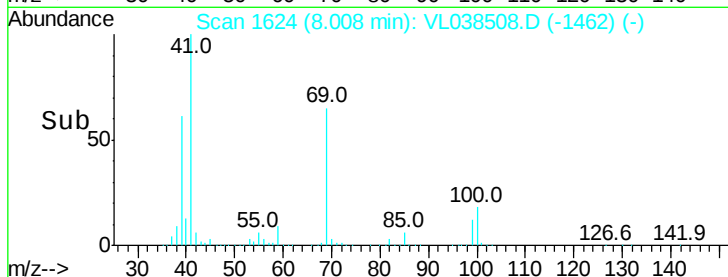
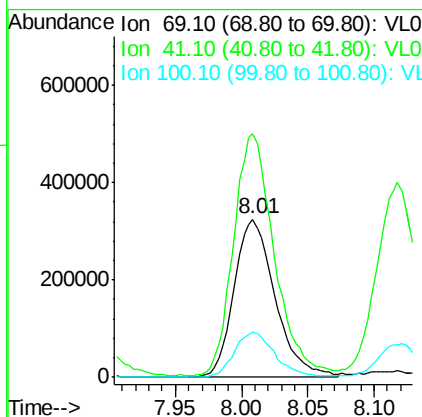
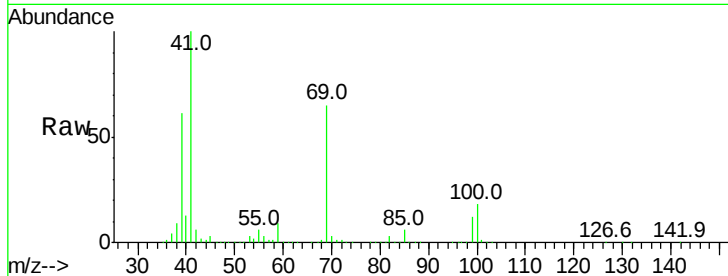
Ion	Ratio
69	100
41	154.
100	28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#44

2,2,4-Trimethylpentane

Concen: 10.62 ppbv

RT: 7.86 min Scan# 1579

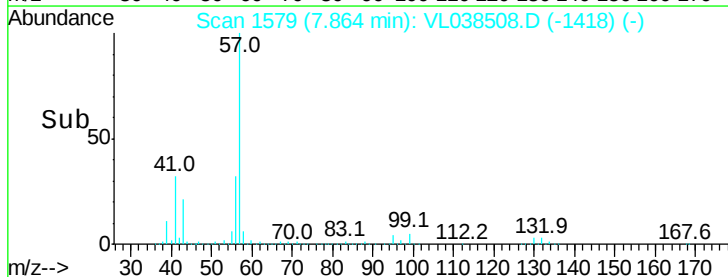
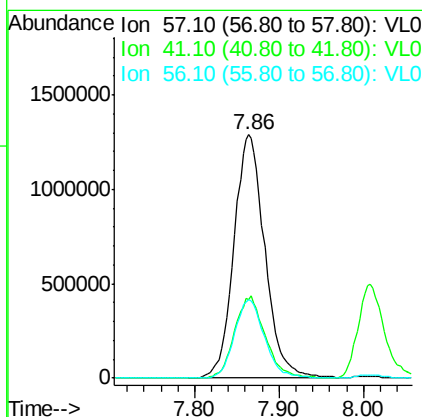
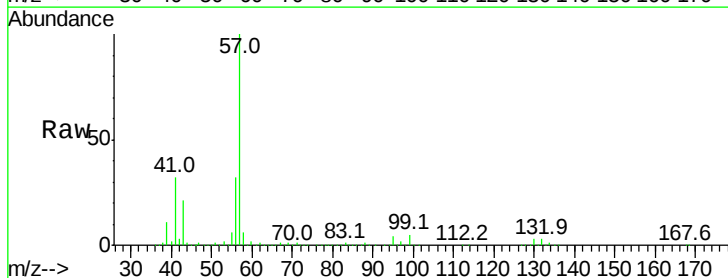
Delta R.T. 0.02 min

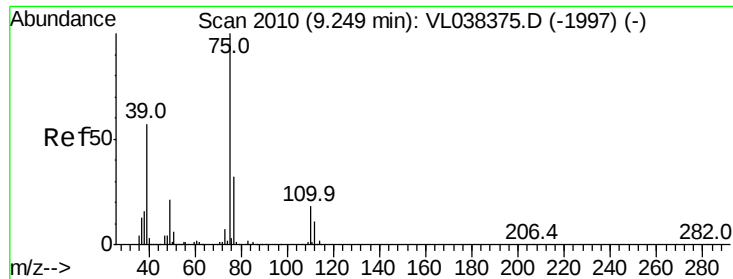
Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion: 57 Resp: 3287969

Ion	Ratio	Lower	Upper
57	100		
41	33.3	26.6	39.8
56	31.5	25.0	37.6





#45

t-1,3-Dichloropropene

Concen: 11.58 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58 VSTDCCC010

Tgt Ion:

Ion Ratio

75 100

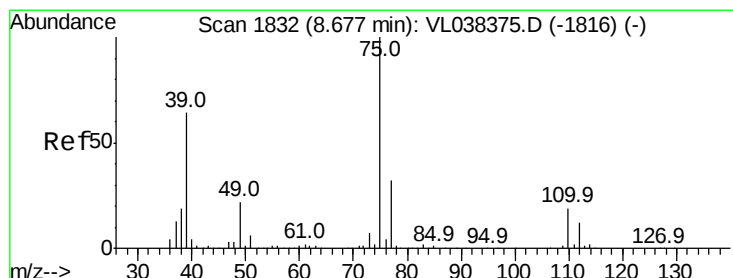
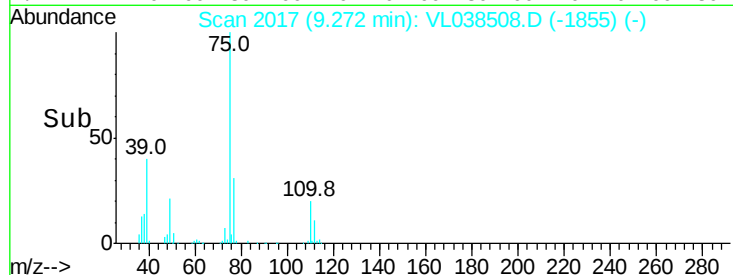
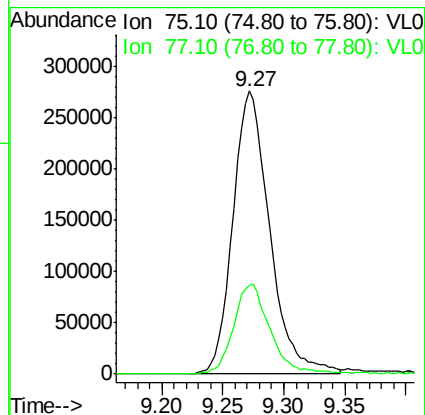
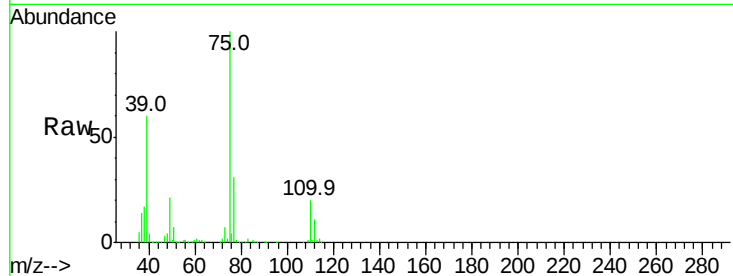
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#46

cis-1,3-Dichloropropene

Concen: 11.10 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

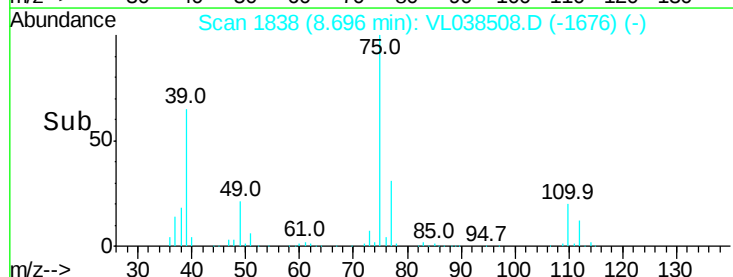
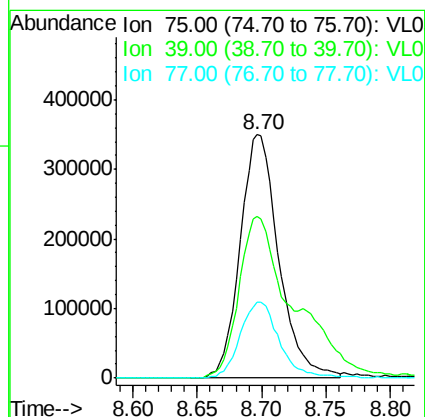
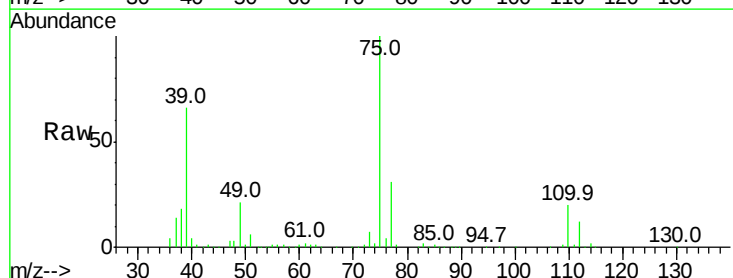
Tgt Ion: 75 Resp: 728462

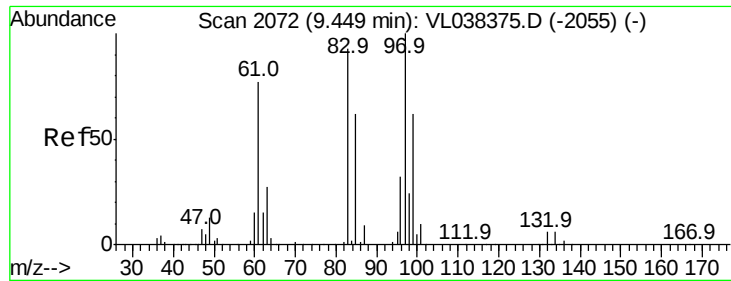
Ion Ratio Lower Upper

75 100

39 66.2 51.4 77.2

77 31.1 25.4 38.2



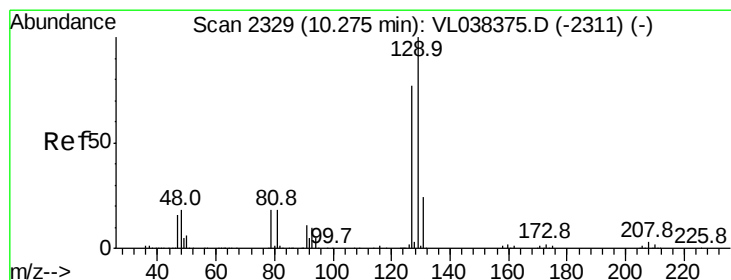
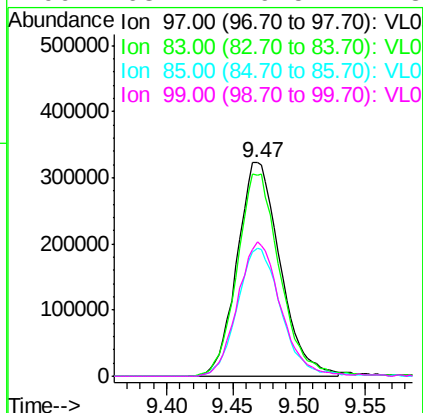
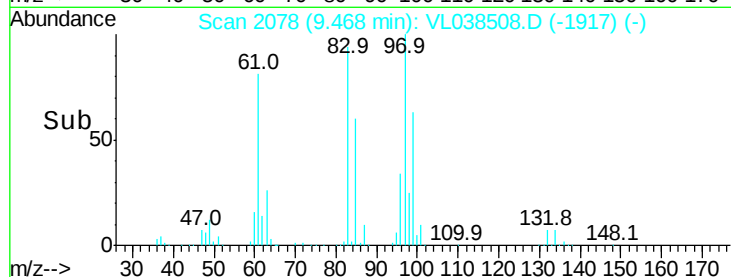
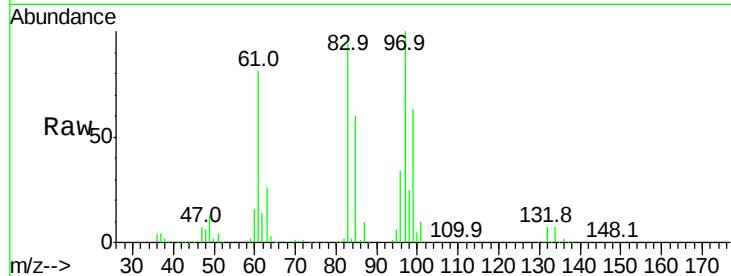


#47
 1,1,2-Trichloroethane
 Concen: 10.24 ppbv
 RT: 9.47
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Mar 2022 9:58

Tgt Ion:
 Ion Ratio
 97 100
 83 93.
 85 59.
 99 63.1 49.5 74.3

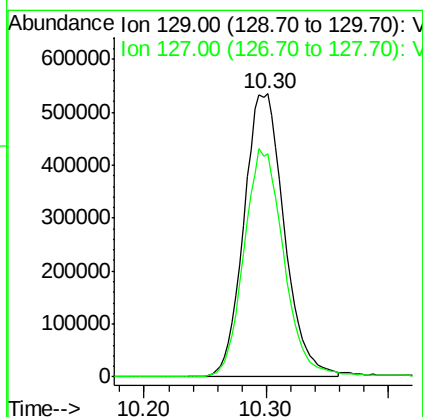
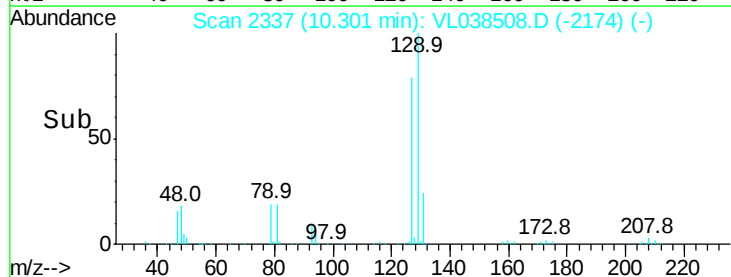
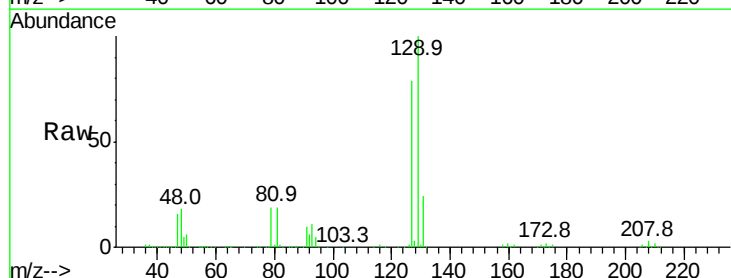
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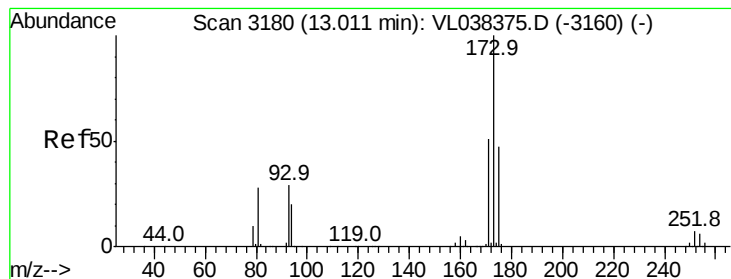
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#48
 Dibromochloromethane
 Concen: 10.49 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. 0.03 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion:129 Resp: 1224505
 Ion Ratio Lower Upper
 129 100
 127 80.0 39.4 118.1





#49

Bromoform

Concen: 9.72 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:1

Ion Rati

173 100

175 50.

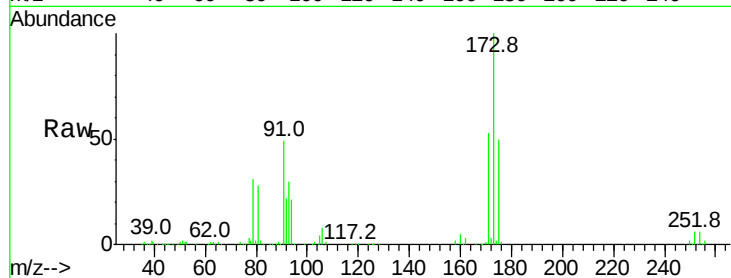
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

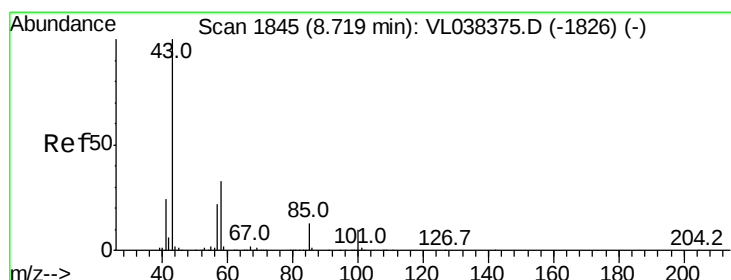
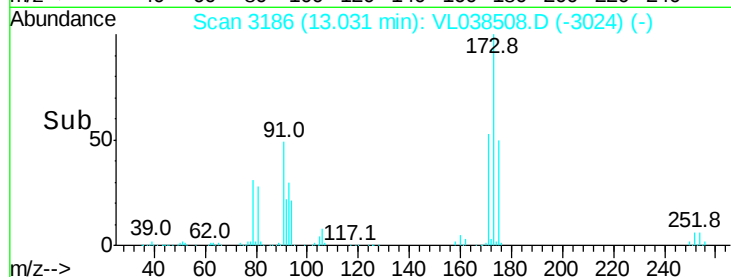
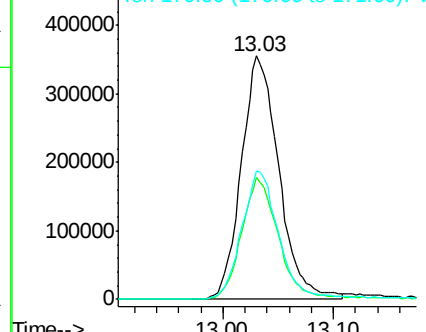
Supervised By :Mahesh Dadoda 03/05/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.38 ppbv

RT: 8.73 min Scan# 1850

Delta R.T. 0.02 min

Lab File: VL038508.D

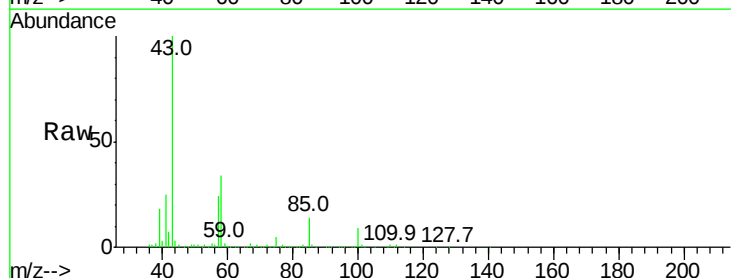
Acq: 3 Mar 2022 9:58

Tgt Ion: 43 Resp: 1295205

Ion Ratio Lower Upper

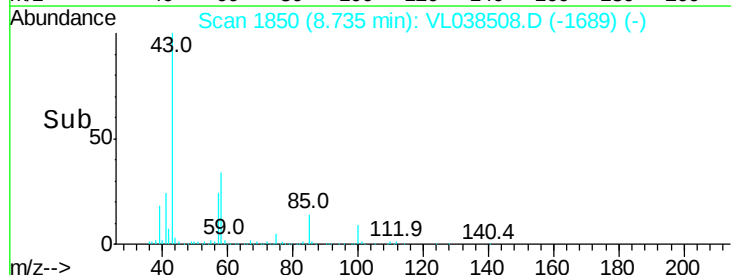
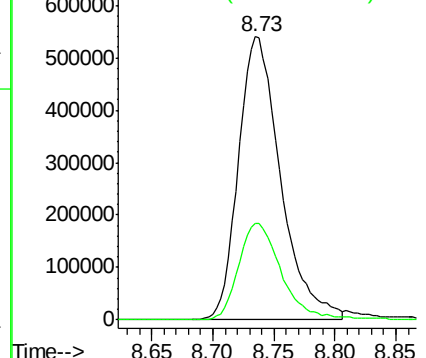
43 100

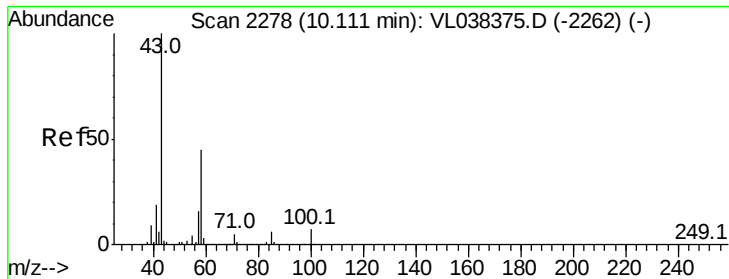
58 35.1 27.7 41.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



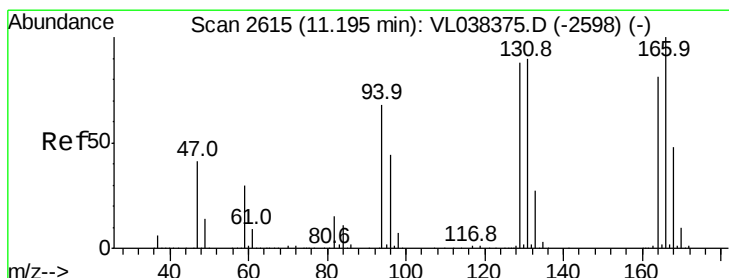
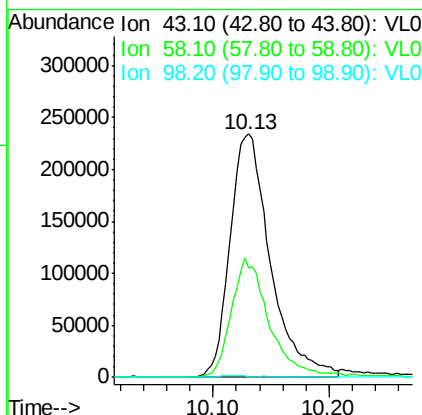
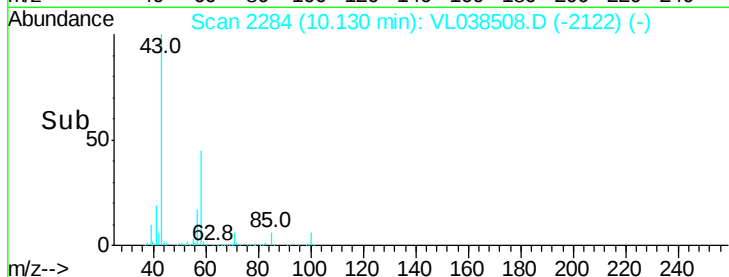
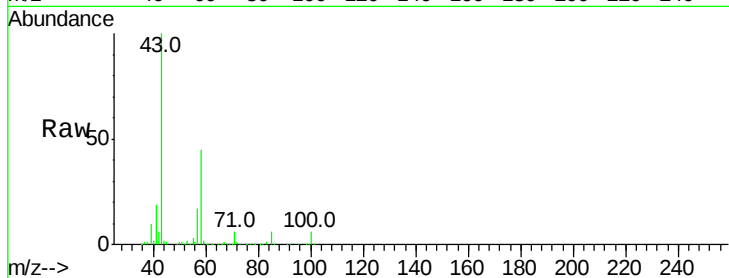


#51
2-Hexanone
Concen: 11.07 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion:
Ion Ratio
43 100
58 46.
98 0.

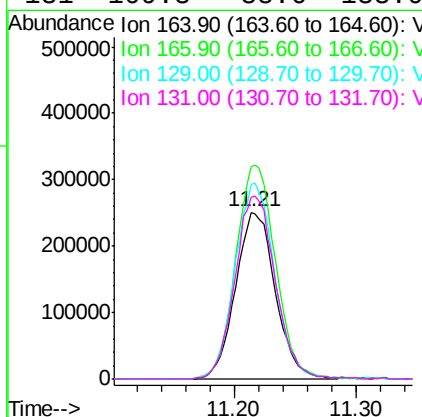
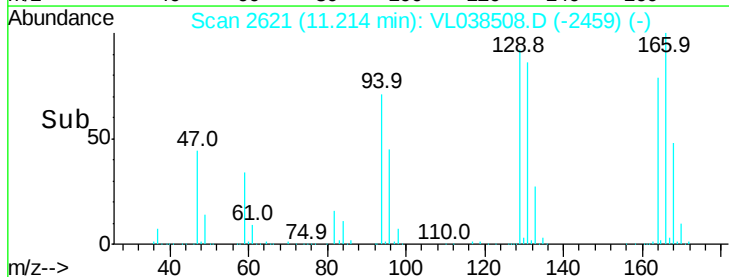
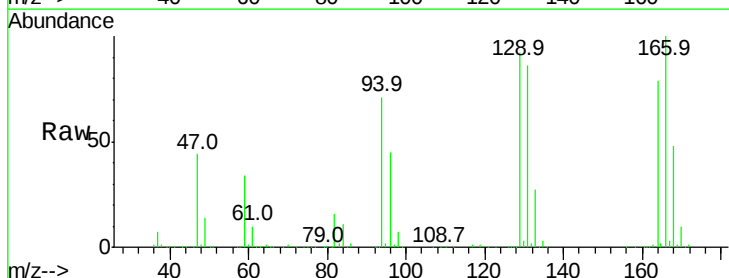
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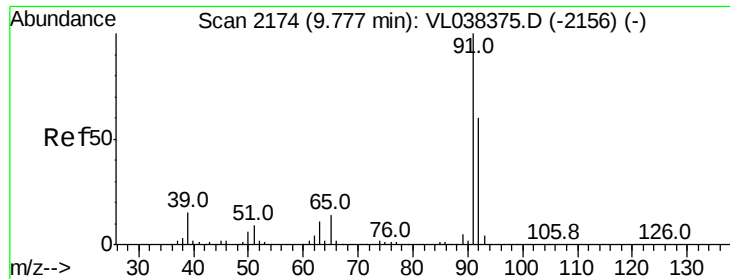
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#52
Tetrachloroethene
Concen: 9.46 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:164 Resp: 565820
Ion Ratio Lower Upper
164 100
166 127.0 98.6 148.0
129 117.0 86.9 130.3
131 109.3 88.6 133.0





#53

Toluene

Concen: 10.64 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:

Ion Ratio

91 100

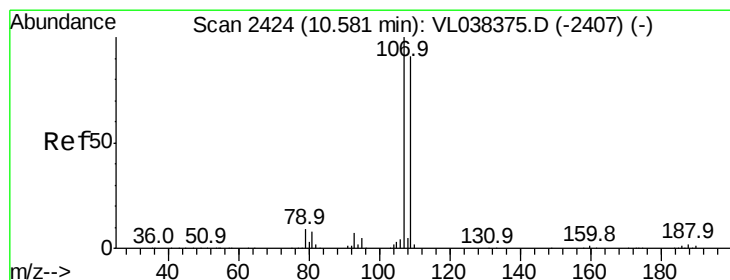
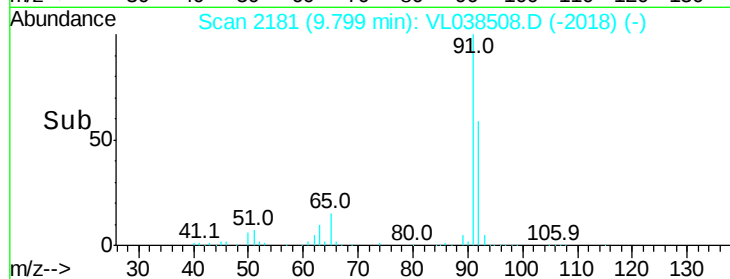
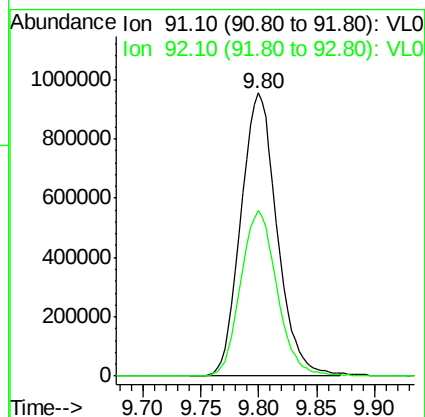
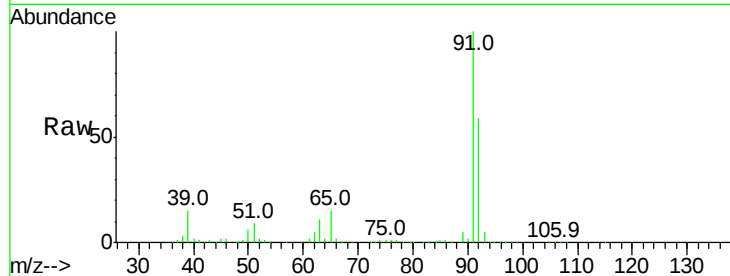
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#54

1,2-Dibromoethane

Concen: 10.46 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.02 min

Lab File: VL038508.D

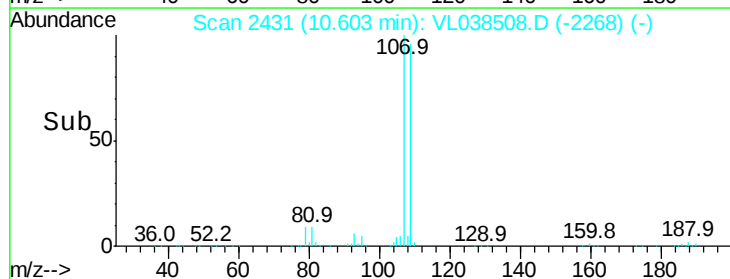
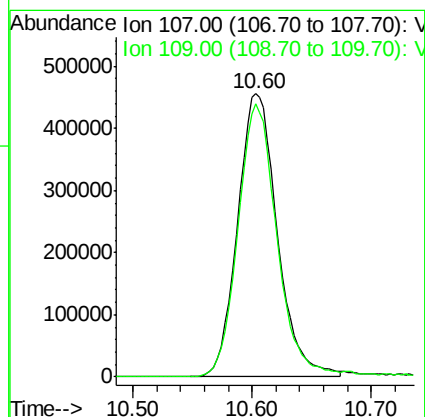
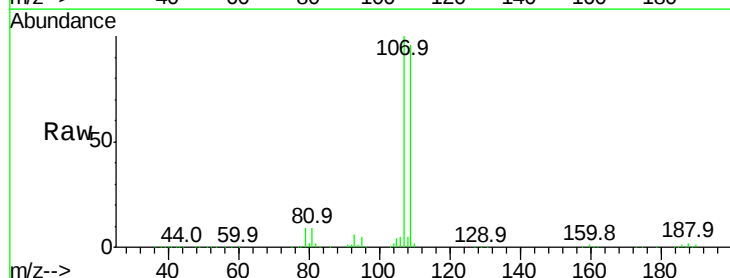
Acq: 3 Mar 2022 9:58

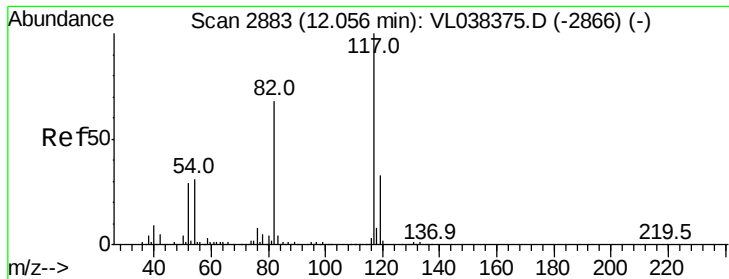
Tgt Ion:107 Resp: 1051537

Ion Ratio Lower Upper

107 100

109 96.3 73.0 109.6



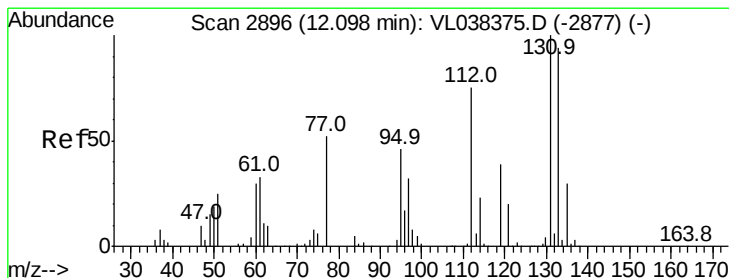
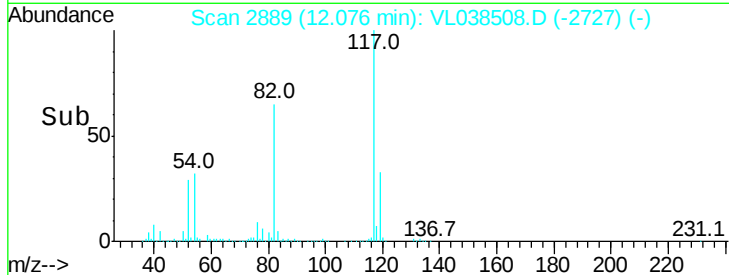
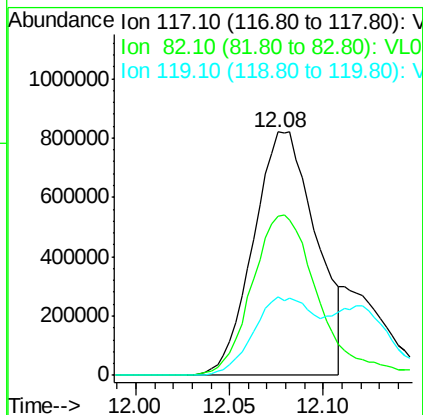
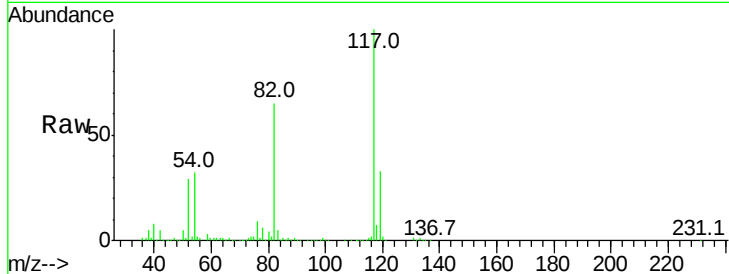


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion:1
Ion Rati
117 100
82 71.
119 34.

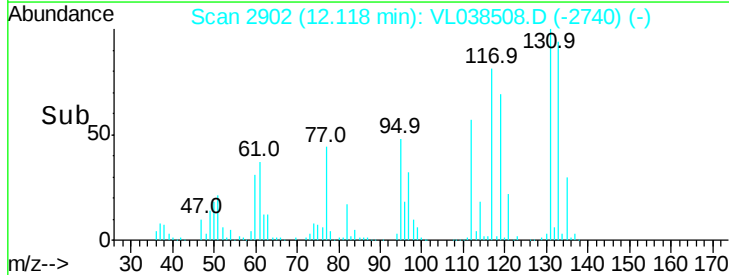
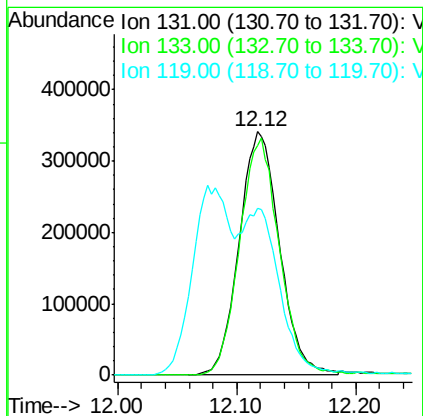
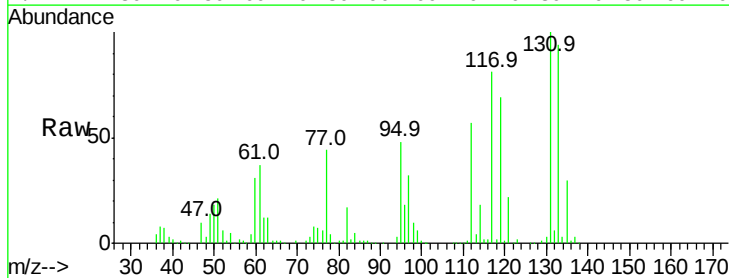
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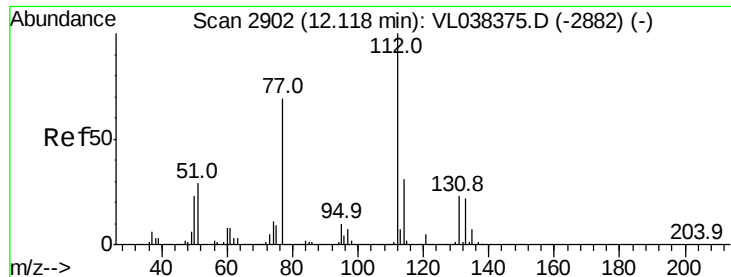
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.09 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:131 Resp: 800949
Ion Ratio Lower Upper
131 100
133 97.4 77.3 115.9
119 66.2 48.6 73.0



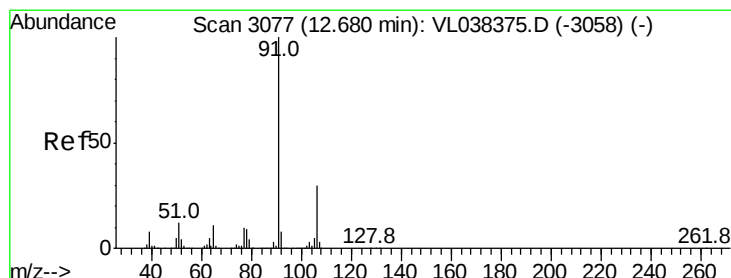
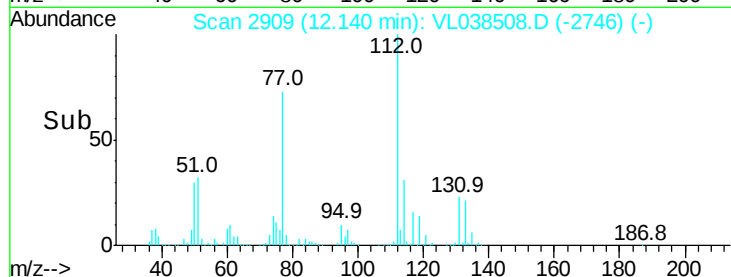
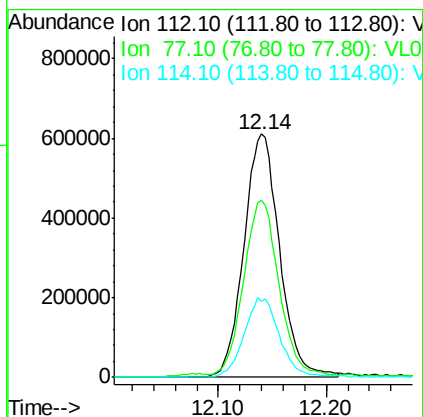
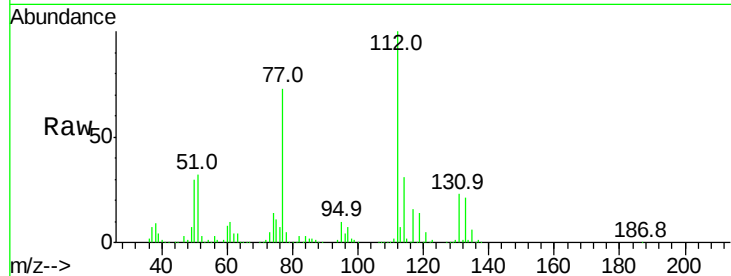


#57
Chlorobenzene
Concen: 9.58 ppbv
RT: 12.14 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion: 112.0
Ion Ratio: 100
77 71.1
114 31.1

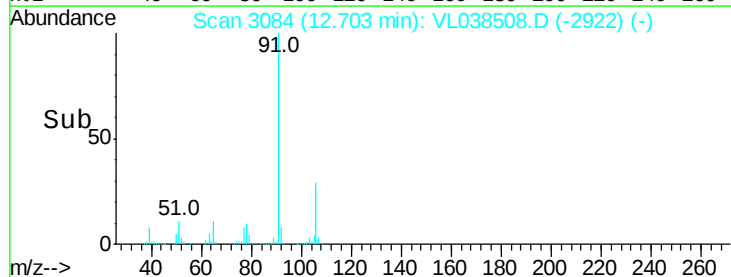
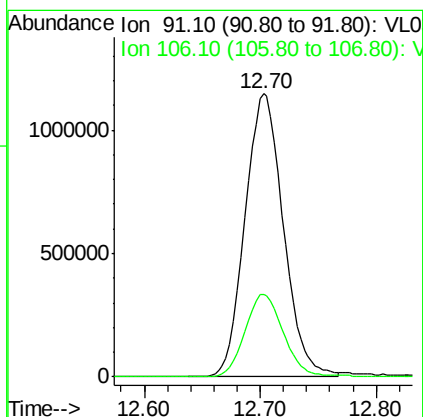
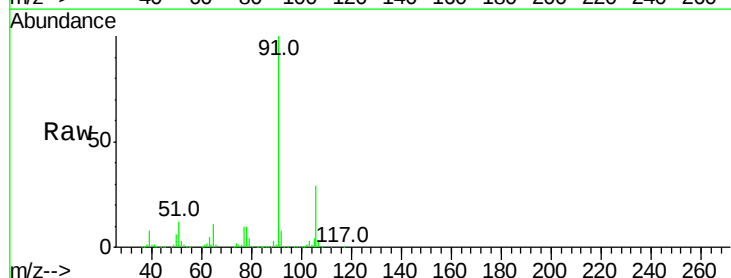
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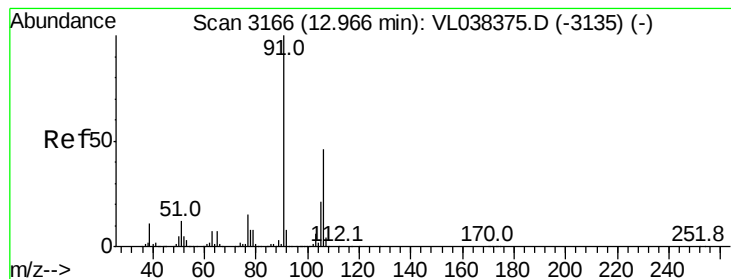
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/05/2022



#58
Ethyl Benzene
Concen: 10.17 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 2647149
Ion Ratio Lower Upper
91 100
106 29.2 24.0 36.0





#59

m/p-Xylene

Concen: 20.05 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:

Ion Ratio

91 100

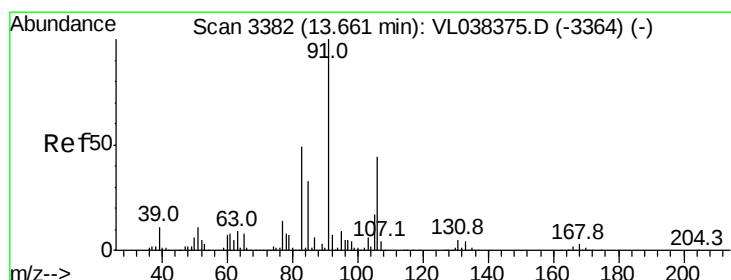
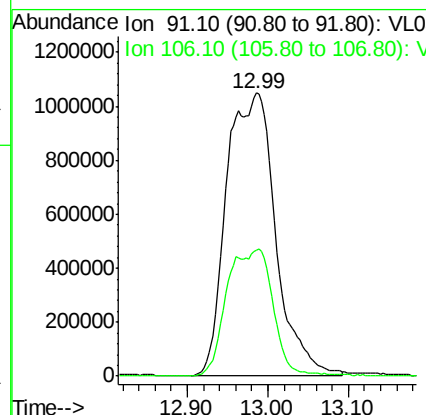
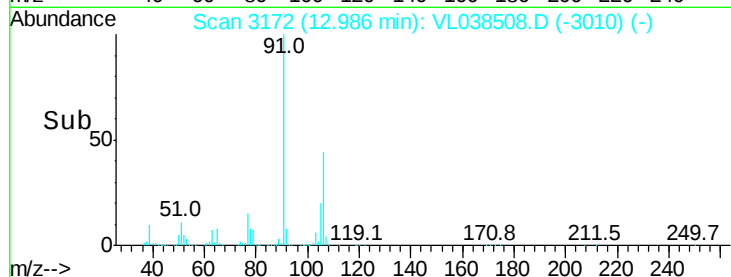
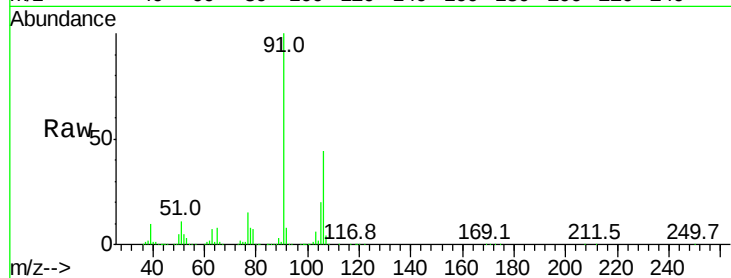
106 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#60

o-Xylene

Concen: 9.84 ppbv

RT: 13.69 min Scan# 3390

Delta R.T. 0.03 min

Lab File: VL038508.D

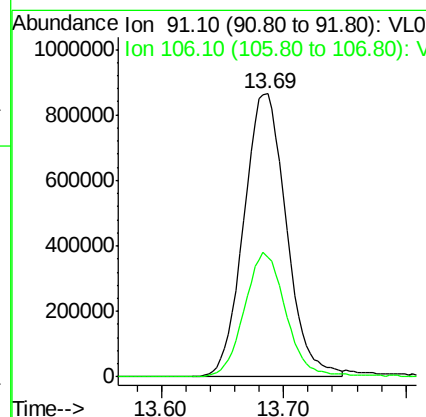
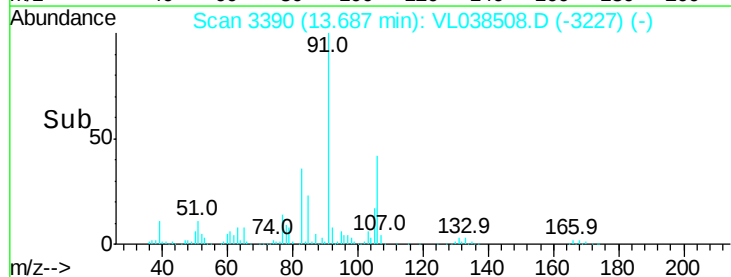
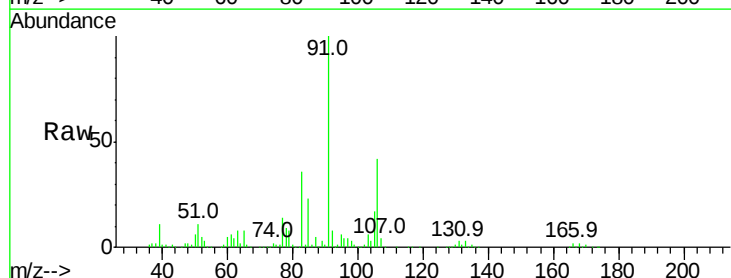
Acq: 3 Mar 2022 9:58

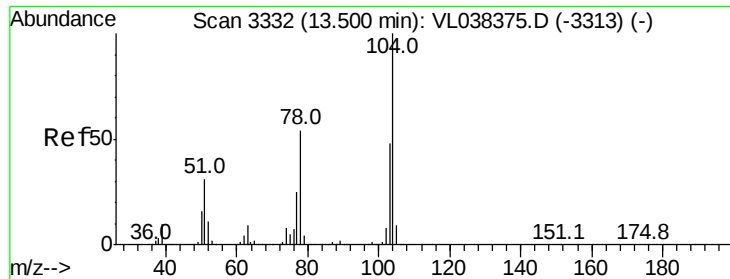
Tgt Ion: 91 Resp: 2078882

Ion Ratio Lower Upper

91 100

106 43.7 21.9 65.5



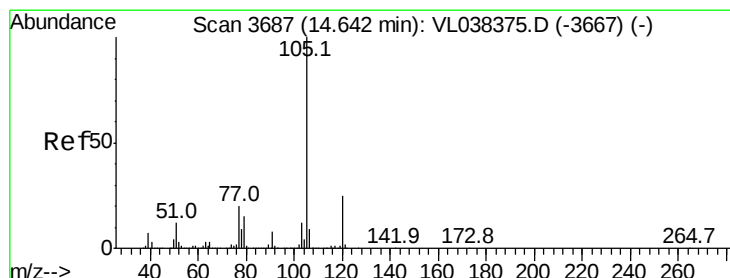
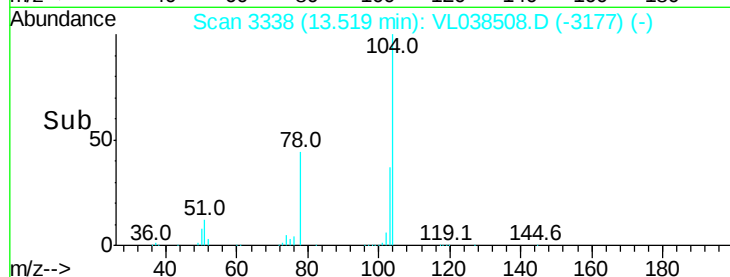
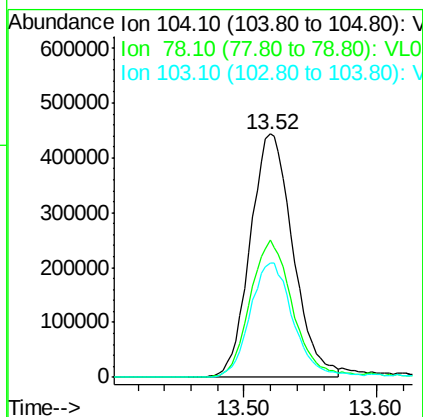
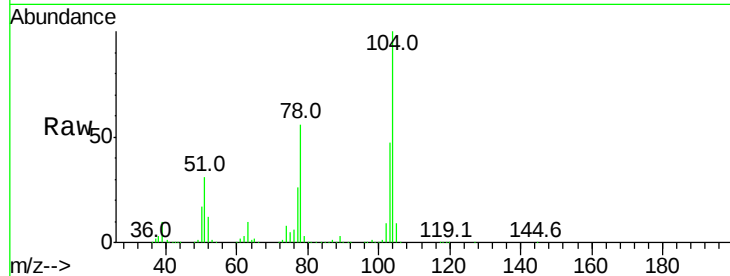


#61
Styrene
Concen: 10.19 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 3 Mar 2022 9:58

Tgt Ion:1
Ion Rati
104 100
78 57.
103 48.

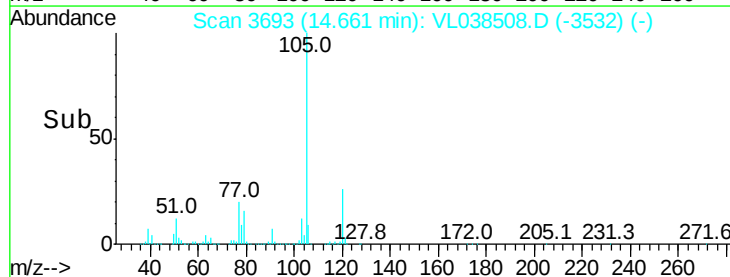
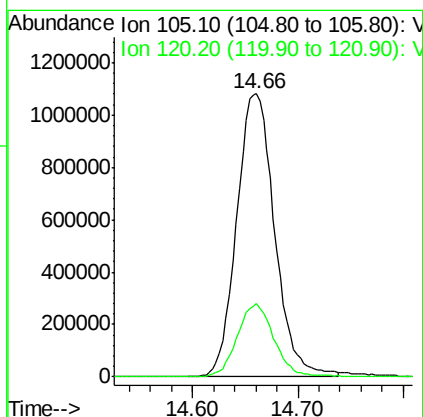
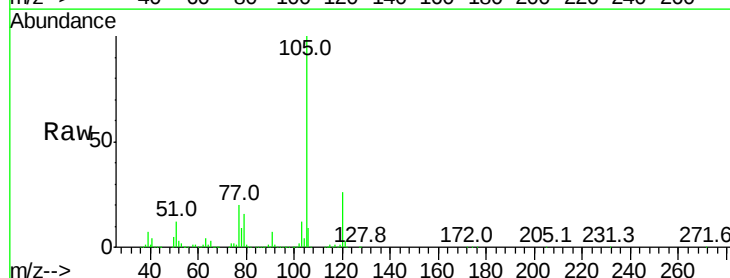
Manual Integrations
APPROVED

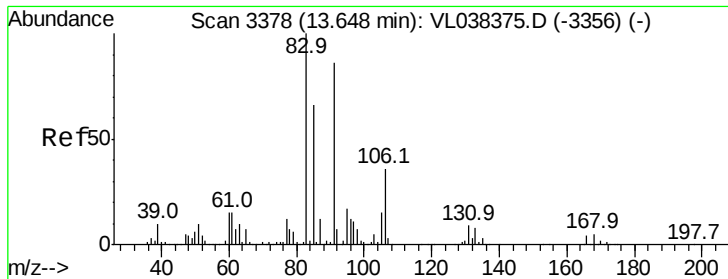
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#62
Isopropylbenzene
Concen: 9.54 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2707707
Ion Ratio Lower Upper
105 100
120 25.3 20.6 30.8



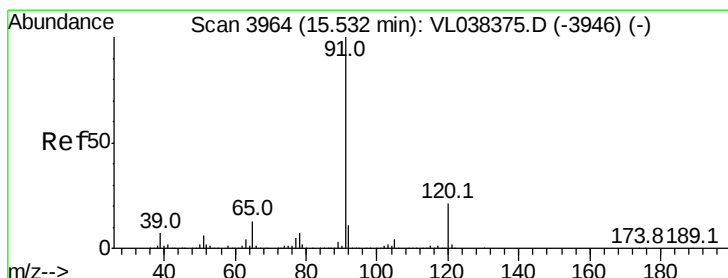
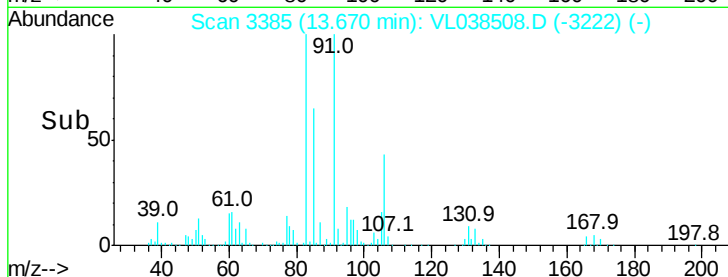
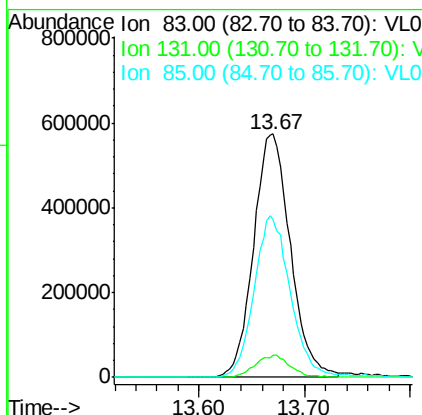
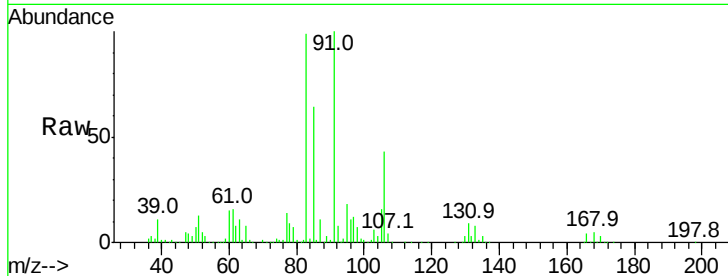


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.13 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Mar 2022 9:58

Tgt Ion:
 Ion Ratio
 83 100
 131 8.
 85 66.

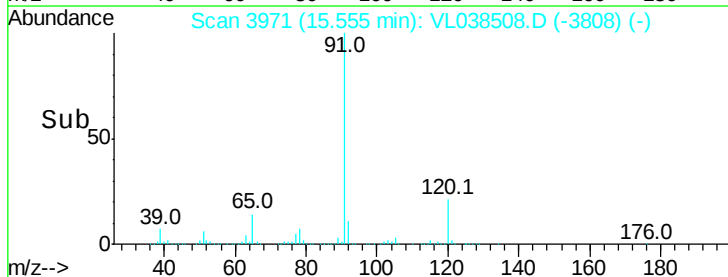
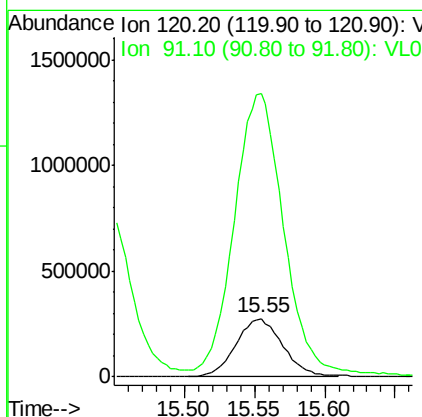
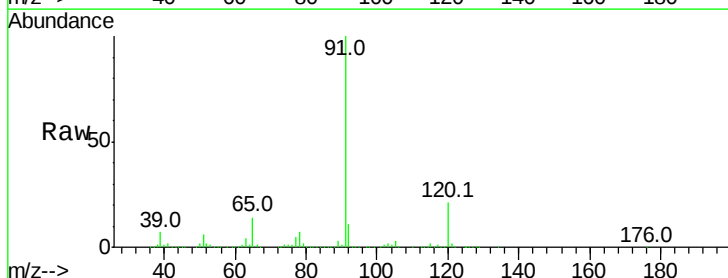
Manual Integrations
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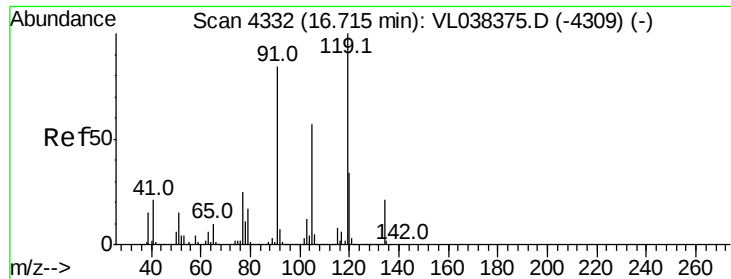
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#64
 n-propylbenzene
 Concen: 9.11 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.02 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion:120 Resp: 640029
 Ion Ratio Lower Upper
 120 100
 91 521.3 388.1 582.1



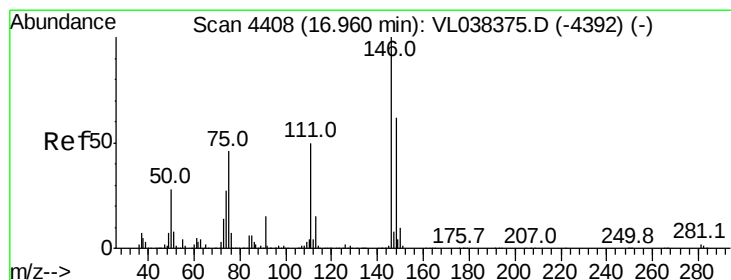
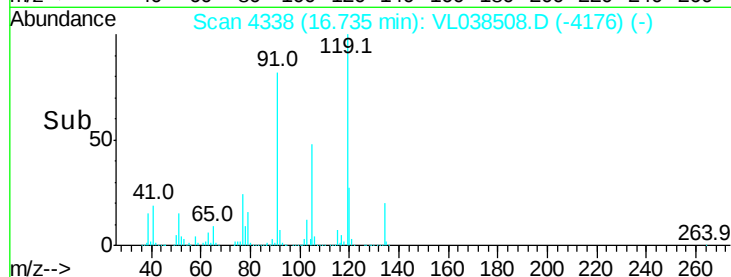
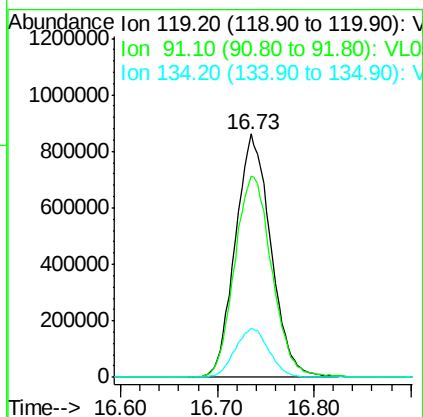
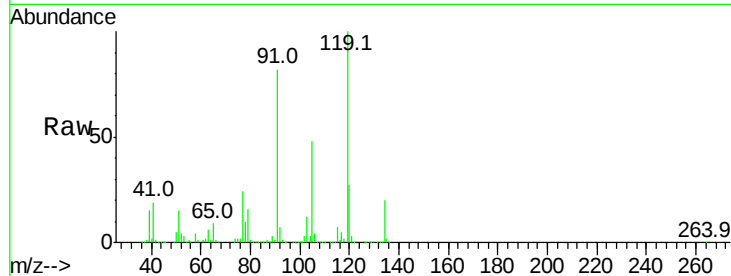


#65
tert-Butylbenzene
Concen: 8.94 ppbv
RT: 16.73 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 9:58

Tgt Ion: 1
Ion Ratio
119 100
91 86.
134 19.

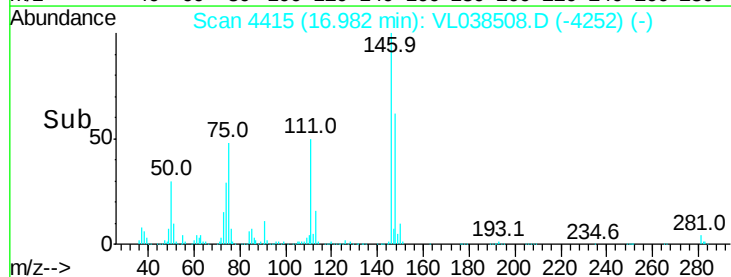
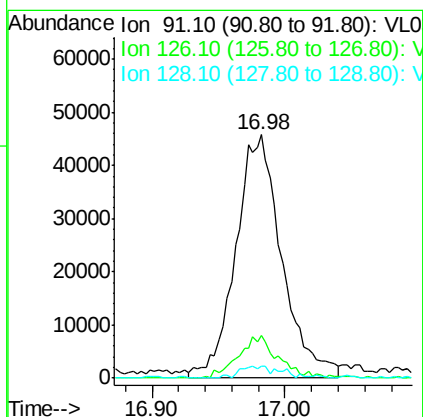
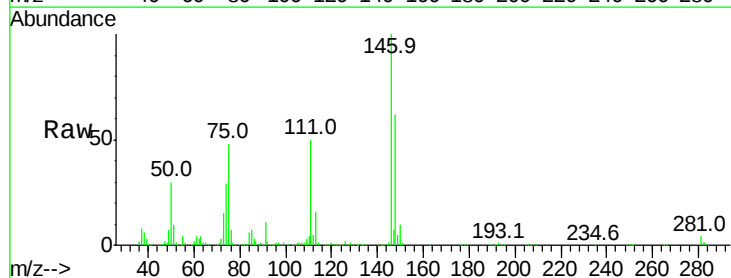
Manual Integrations
APPROVED

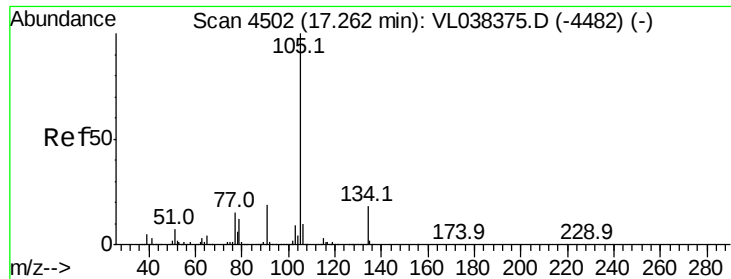
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#66
Benzyl Chloride
Concen: 8.33 ppbv m
RT: 16.98 min Scan# 4415
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 110642
Ion Ratio Lower Upper
91 100
126 15.4 12.3 18.5
128 4.5 4.2 6.4





#67

sec-Butylbenzene

Concen: 8.82 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:1

Ion Rati

105 100

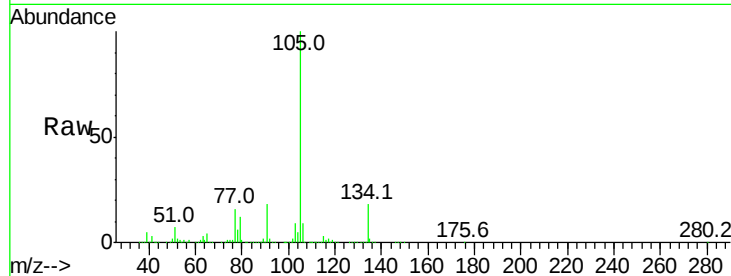
134 17.

Manual Integrations

APPROVED

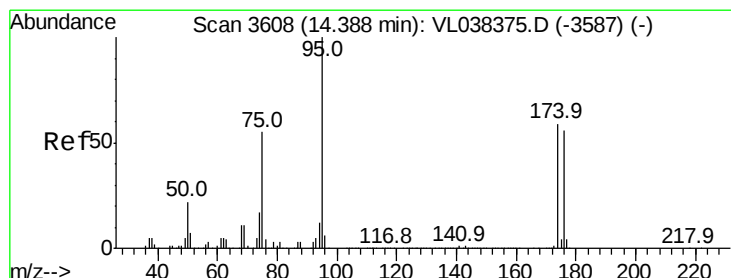
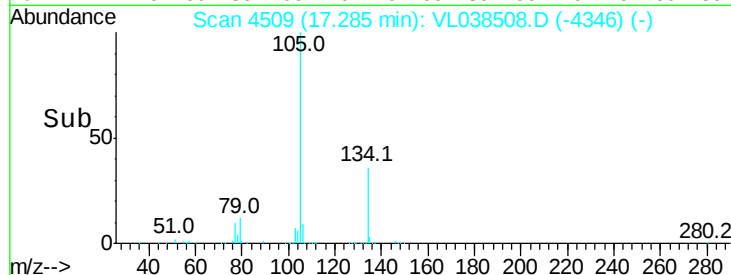
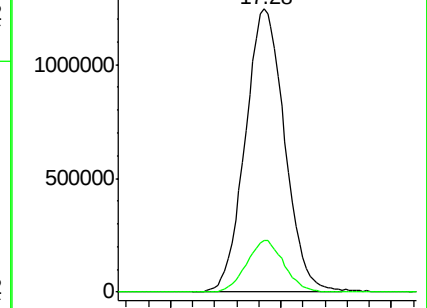
Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.56 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

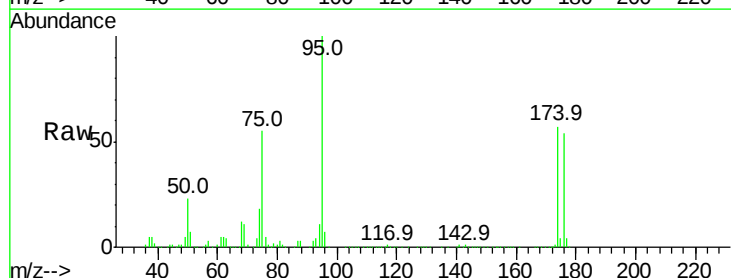
Tgt Ion: 95 Resp: 1663416

Ion Ratio Lower Upper

95 100

174 59.4 49.0 73.4

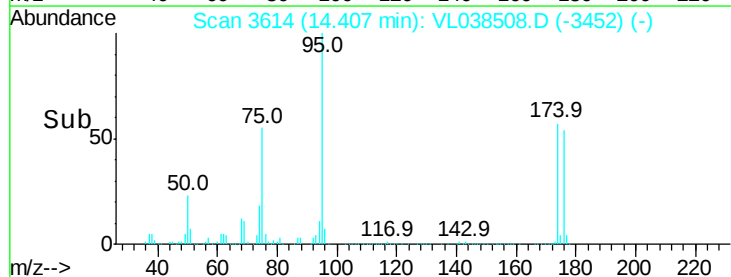
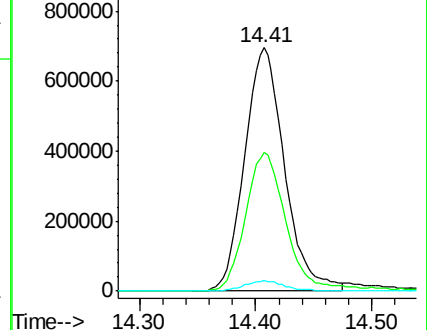
175 4.4 3.6 5.4

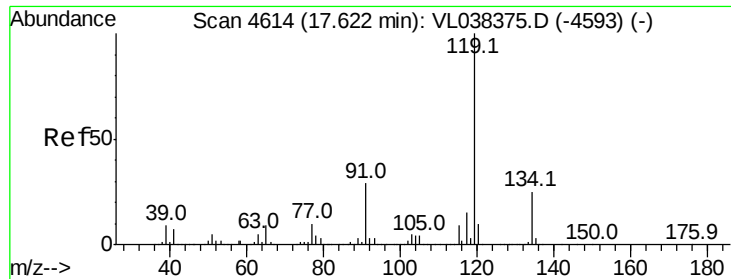


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



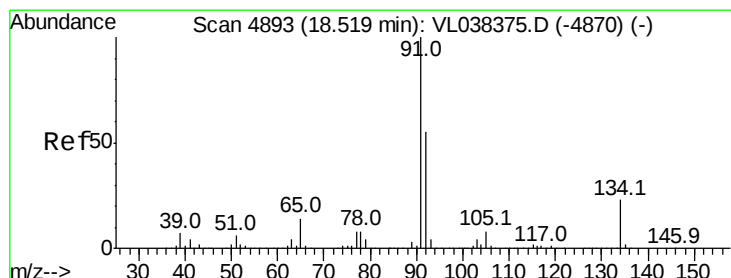
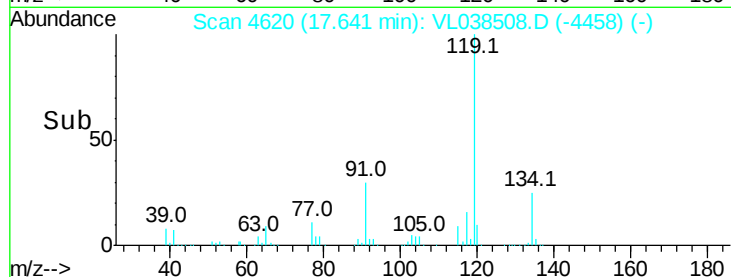
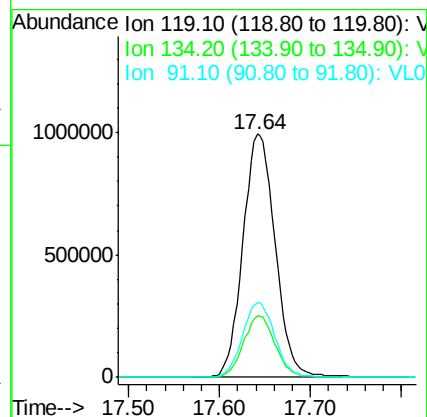
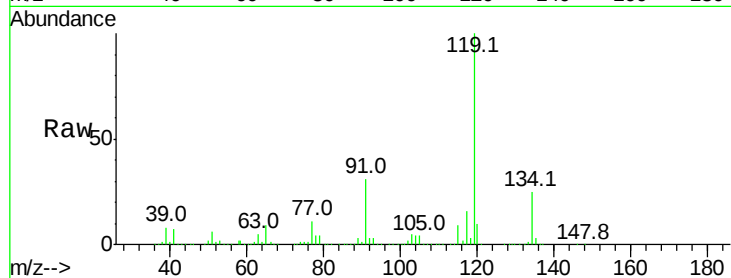


#69
p-Isopropyltoluene
Concen: 8.94 ppbv
RT: 17.64 min
Delta R.T.: 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Manual Integrations
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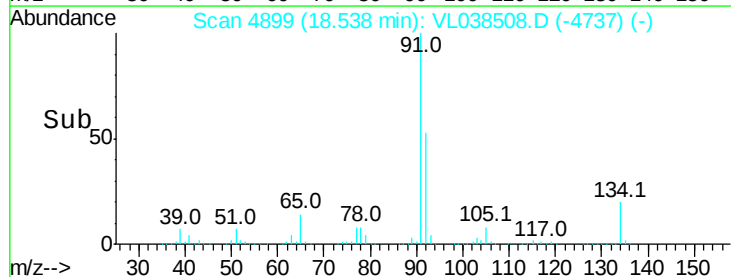
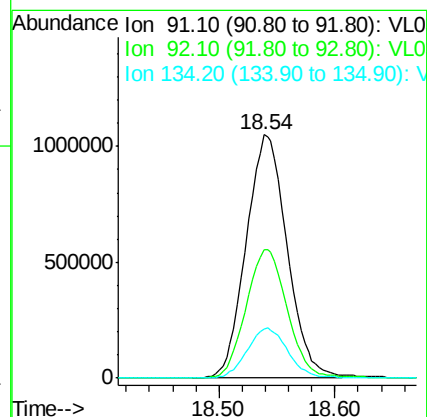
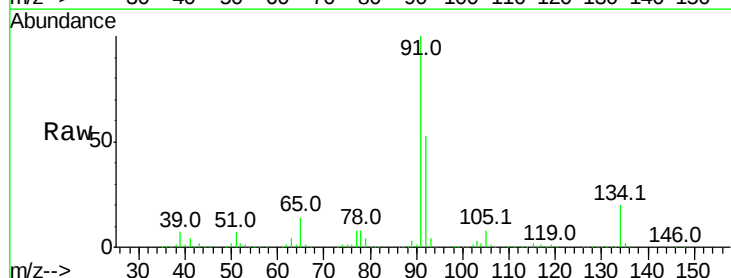
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022

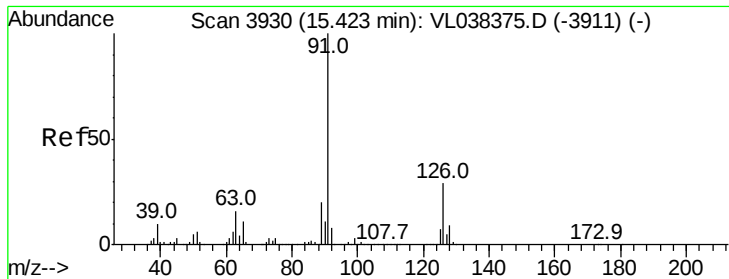
Tgt Ion: 119.1
Ion Ratio: 100
119 100
134 24.1
91 30.1



#70
n-Butylbenzene
Concen: 9.11 ppbv
RT: 18.54 min Scan# 4899
Delta R.T.: 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion: 91 Resp: 2579364
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 20.8 17.4 26.0





#71

2-Chlorotoluene

Concen: 9.04 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 9:58

Tgt Ion:

Ion Ratio

91 100

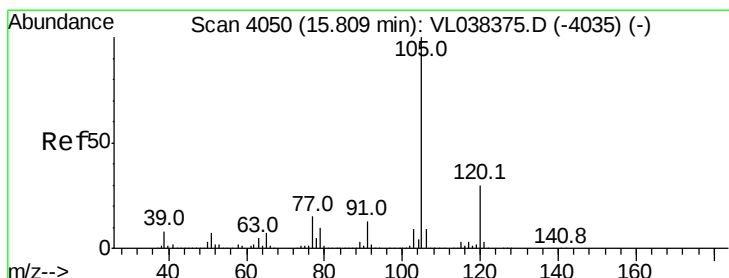
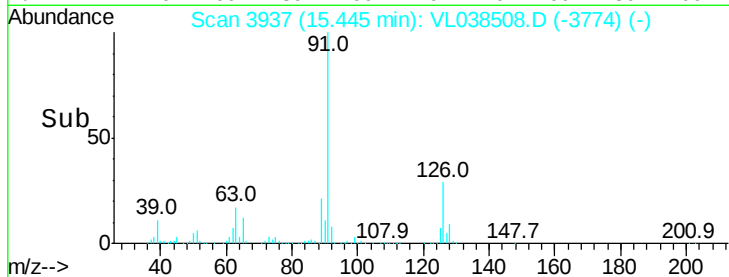
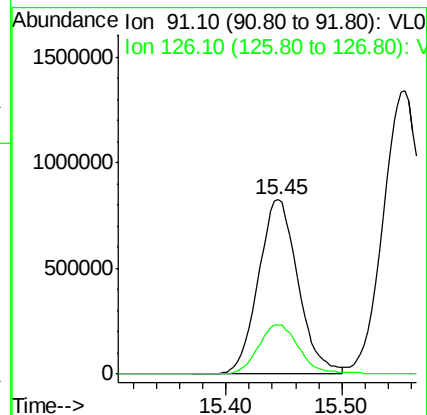
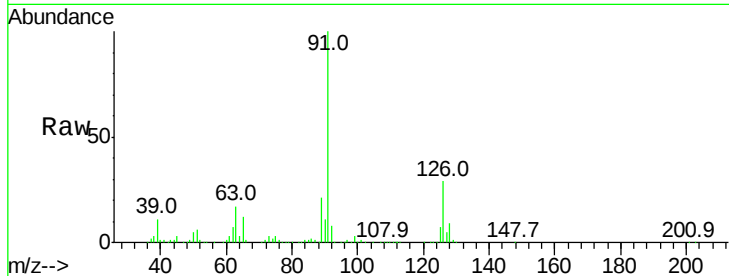
126 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#72

4-Ethyltoluene

Concen: 9.44 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2198338

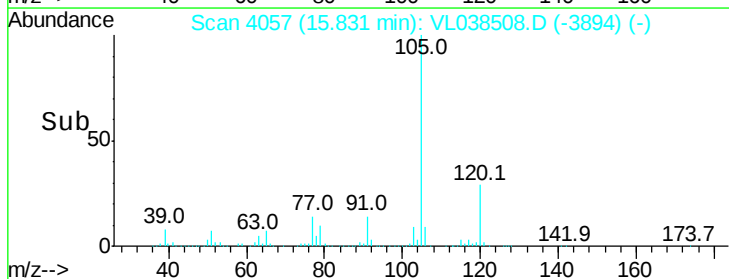
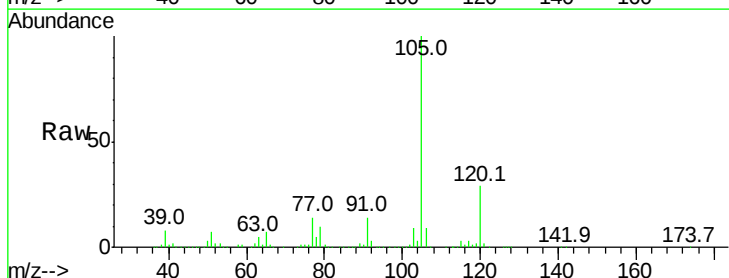
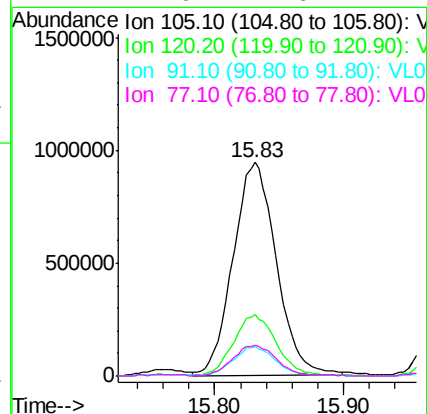
Ion Ratio Lower Upper

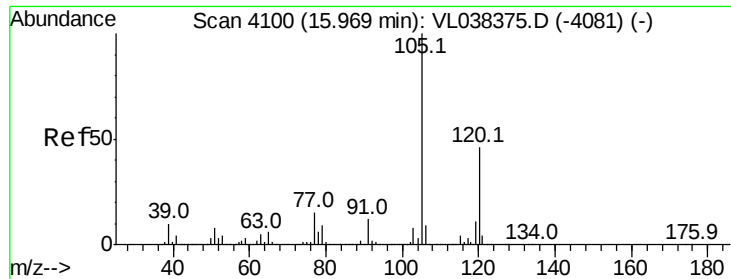
105 100

120 29.1 23.4 35.2

91 13.2 10.4 15.6

77 14.9 11.6 17.4



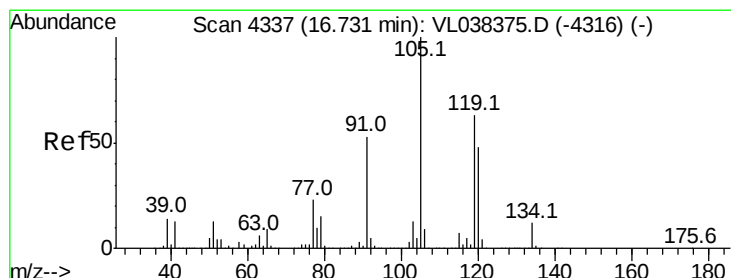
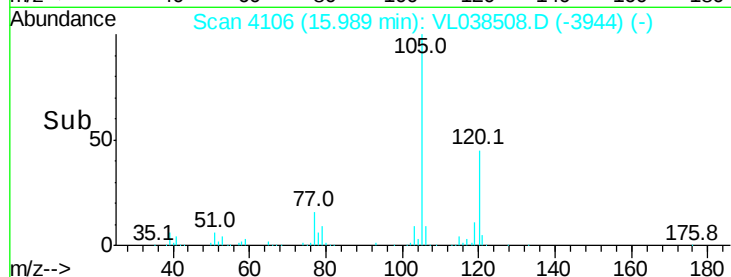
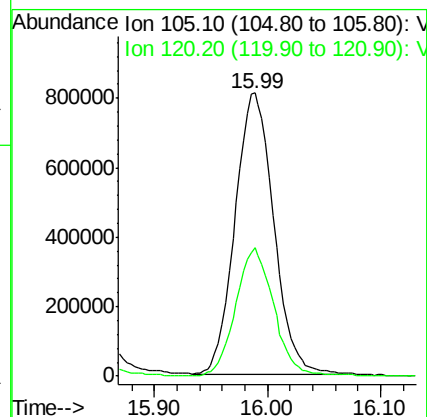
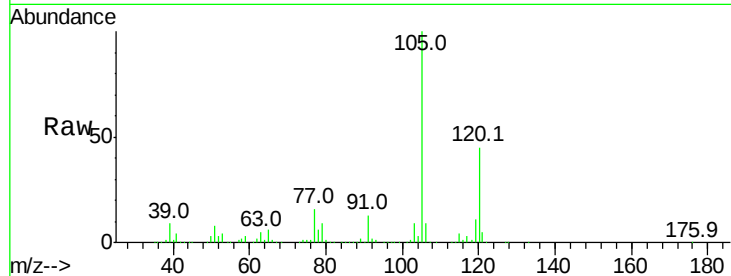


#73
 1,3,5-Trimethylbenzene
 Concen: 9.11 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Mar 2022 9:58

Tgt Ion:1
 Ion Ratio
 105 100
 120 45.

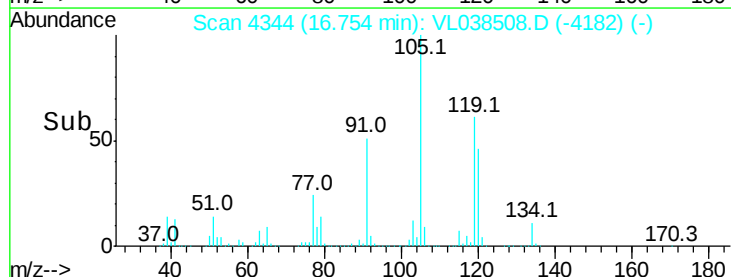
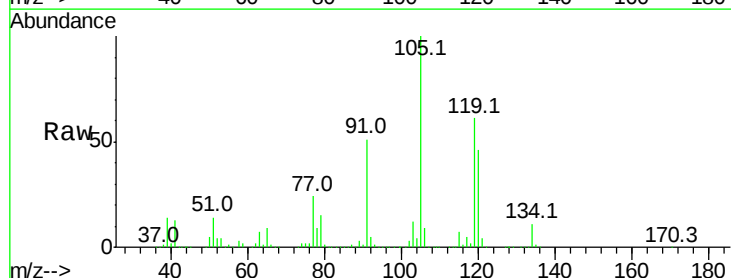
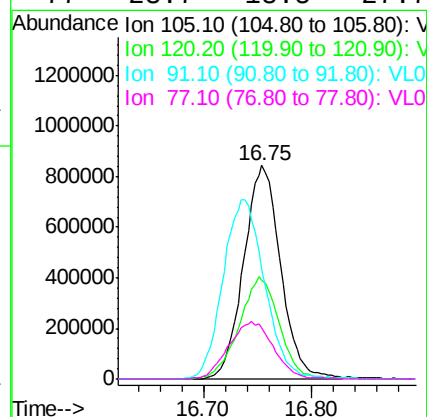
Manual Integrations
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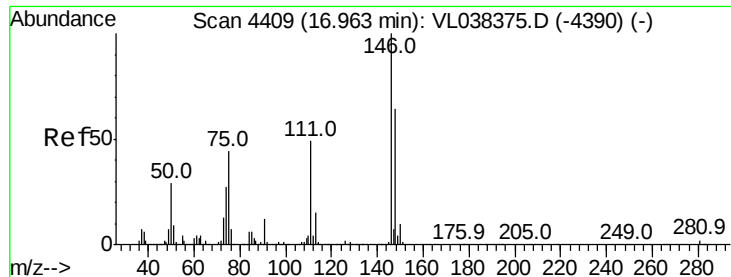
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.00 ppbv
 RT: 16.75 min Scan# 4344
 Delta R.T.: 0.02 min
 Lab File: VL038508.D
 Acq: 3 Mar 2022 9:58

Tgt Ion:105 Resp: 2010014
 Ion Ratio Lower Upper
 105 100
 120 46.3 38.2 57.4
 91 50.8 42.7 64.1
 77 23.7 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 8.36 ppbv

RT: 16.99

Delta R.T. MSVOA_L

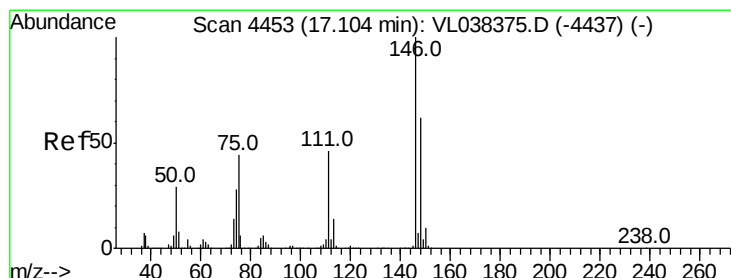
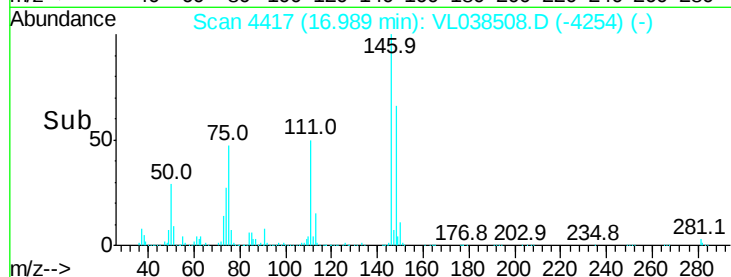
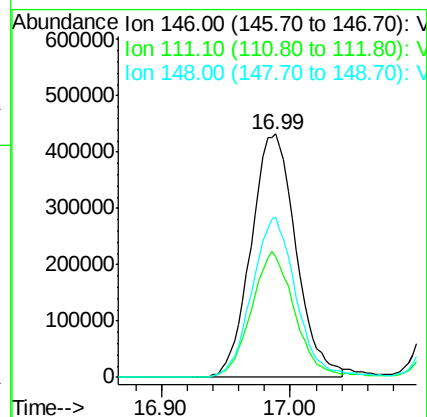
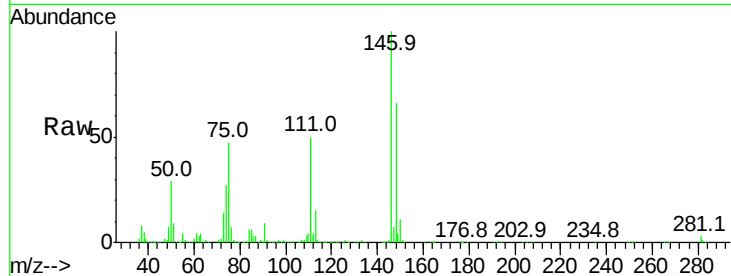
Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:1
Ion Rati
146 100
111 50.
148 64.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#76

1,4-Dichlorobenzene

Concen: 8.11 ppbv

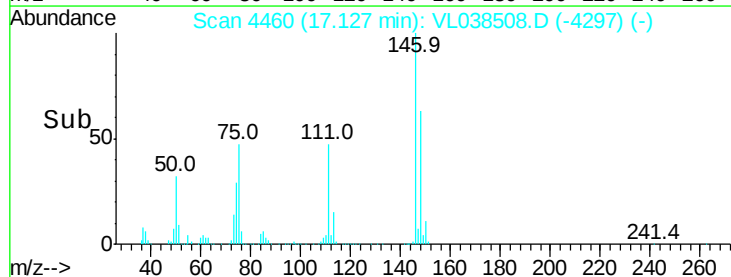
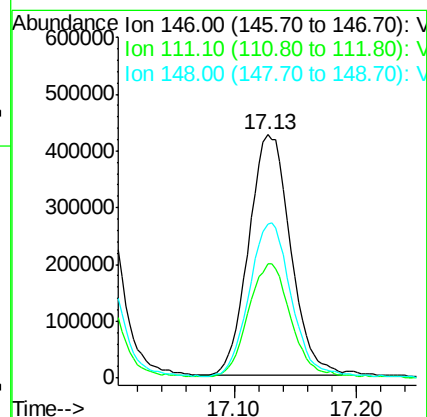
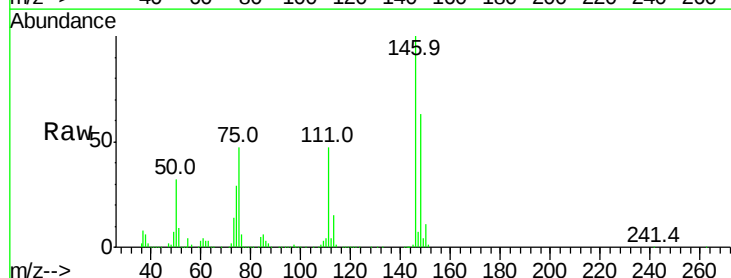
RT: 17.13 min Scan# 4460

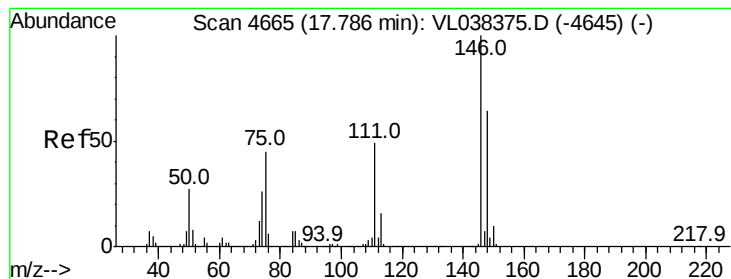
Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion:146 Resp: 1000539
Ion Ratio Lower Upper
146 100
111 49.1 24.1 72.2
148 66.6 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 8.18 ppbv

RT: 17.81

Delta R.T. MSVOA_L

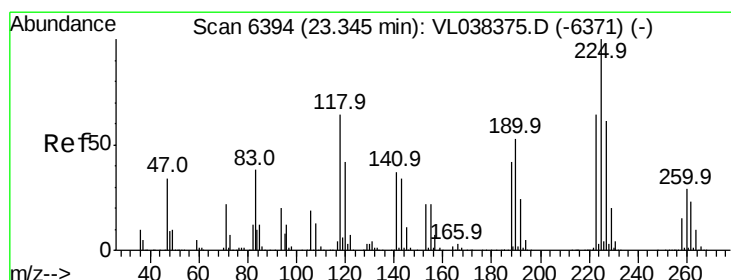
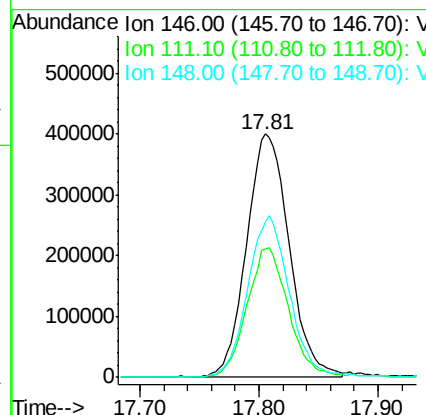
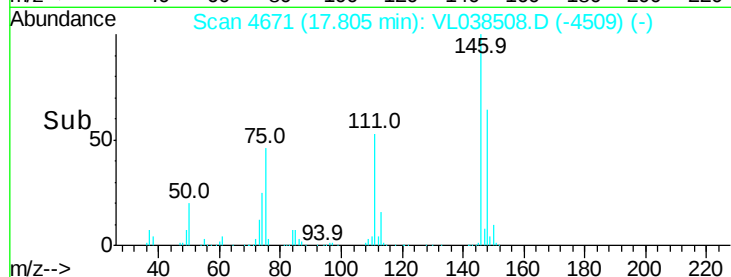
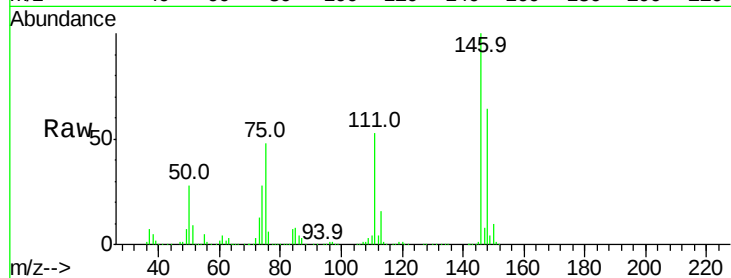
Lab File: ClientSampleId :

Acq: 3 Mar 2022 9:58

Tgt Ion:1
Ion Rati
146 100
111 52.
148 65.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.76 ppbv

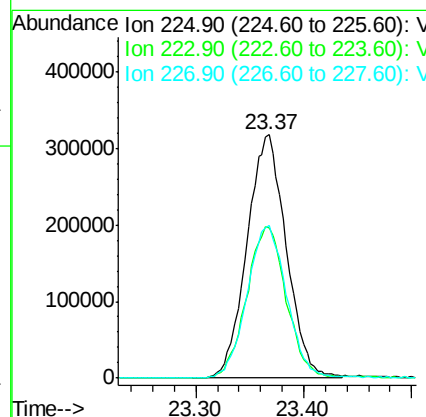
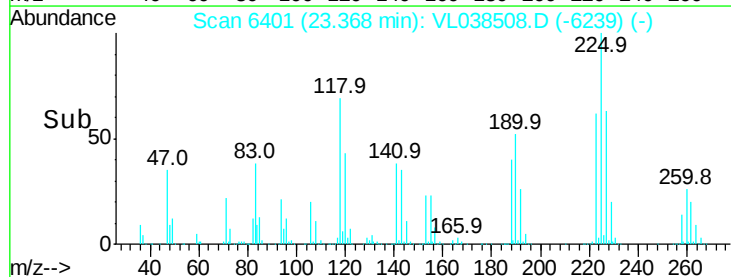
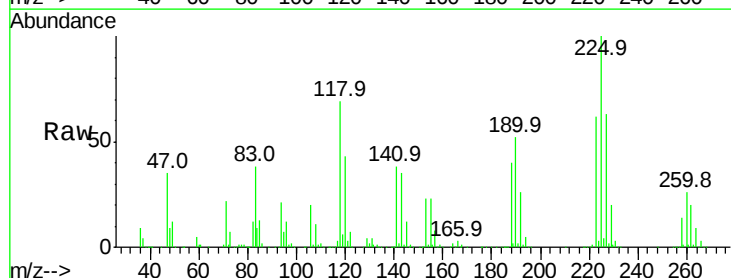
RT: 23.37 min Scan# 6401

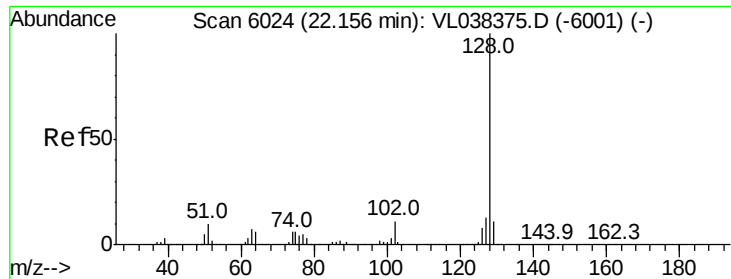
Delta R.T. 0.02 min

Lab File: VL038508.D

Acq: 3 Mar 2022 9:58

Tgt Ion:225 Resp: 804562
Ion Ratio Lower Upper
225 100
223 63.7 52.0 78.0
227 63.8 51.6 77.4



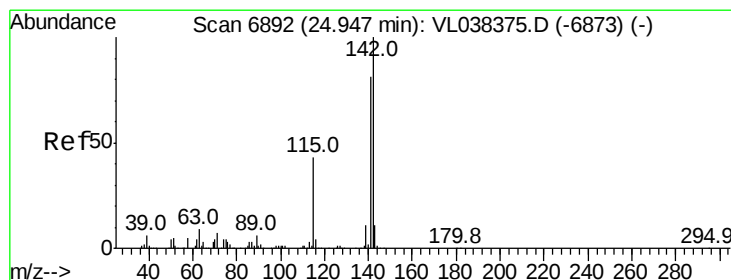
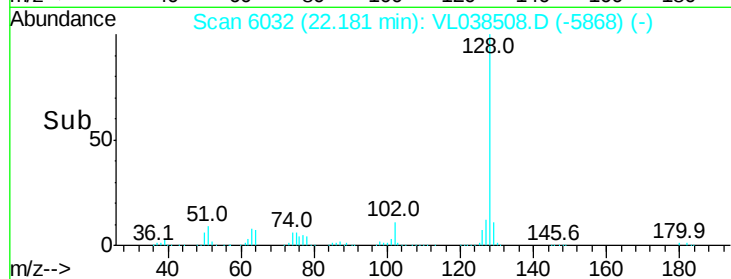
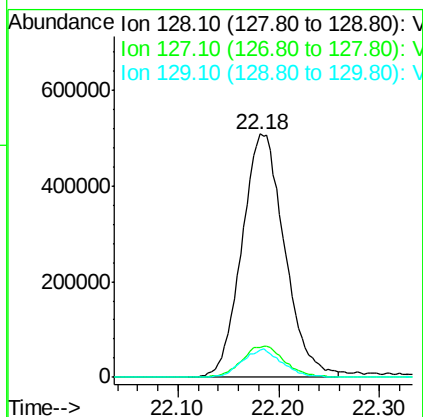
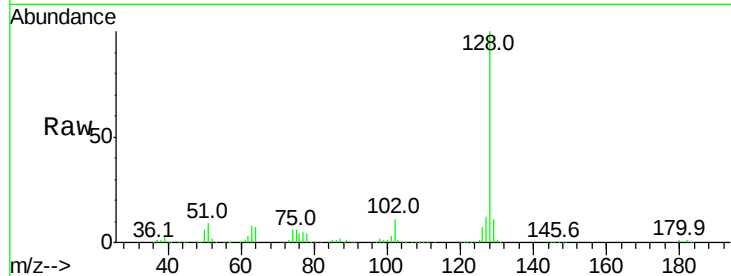


#79
Naphthalene
Concen: 12.36 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 3 Mar 2022 9:58

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

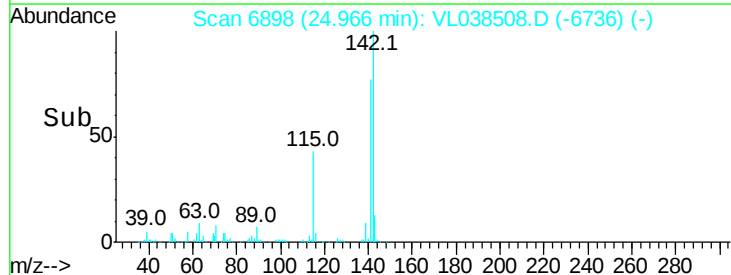
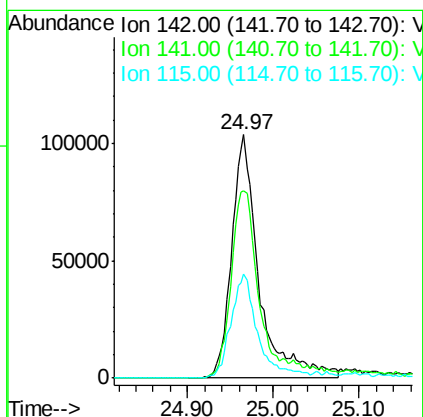
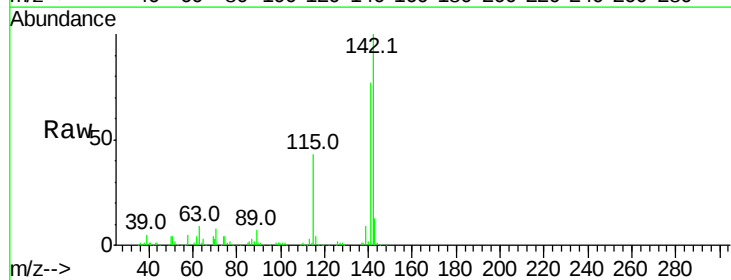
Manual Integrations
APPROVED

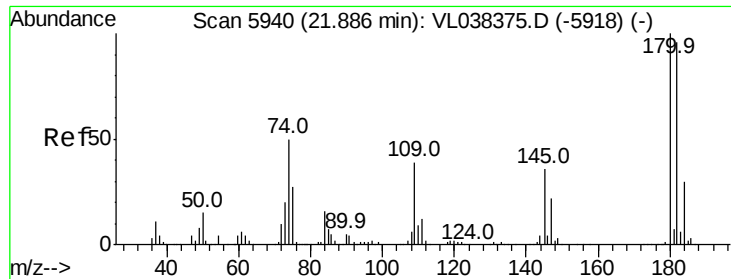
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#80
Naphthalene, 2-methyl-
Concen: 9.69 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.02 min
Lab File: VL038508.D
Acq: 3 Mar 2022 9:58

Tgt Ion:142 Resp: 229177
Ion Ratio Lower Upper
142 100
141 82.2 69.8 104.6
115 42.7 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.92 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Mar 2022 9:38

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022

