

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020322\
 Data File : VL038327.D
 Acq On : 3 Feb 2022 9:20
 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: Feb 04 08:49:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	907153	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2621148	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2543713m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1917309	9.93	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1814631	9.397	ppbv	99
3) Chlorodifluoromethane	2.98	51	1541820	8.538	ppbv	99
4) Chloromethane	3.13	50	540872	8.706	ppbv	100
5) Vinyl Chloride	3.25	62	534265	8.616	ppbv	98
6) Bromomethane	3.47	94	310334	9.257	ppbv	99
7) Chloroethane	3.55	64	195701	9.344	ppbv	97
8) Dichlorotetrafluoroethane	3.18	85	1316381	8.809	ppbv	95
9) Propene	3.01	41	533376	9.073	ppbv	99
10) Heptane	8.10	43	1357076	8.972	ppbv	99
11) Trichlorofluoromethane	3.94	101	1300630	8.645	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	945464	8.314	ppbv	93
13) Ethanol	3.60	45	65106	10.316	ppbv	93
14) Bromoethene	3.73	108	410345	9.234	ppbv	99
15) Acetone	3.84	43	668428	8.359	ppbv	100
16) 1,3-Butadiene	3.32	39	520541	9.071	ppbv	99
17) tert-Butyl alcohol	4.27	59	766285	8.731	ppbv	97
18) 1,1-Dichloroethene	4.28	96	436652	8.830	ppbv	98
19) Isopropyl Alcohol	3.95	45	429712	8.590	ppbv #	97
20) Methylene Chloride	4.33	84	355198	7.637	ppbv	98
21) Allyl Chloride	4.40	41	668843	9.453	ppbv	99
22) trans-1,2-Dichloroethene	4.87	96	466992	9.139	ppbv	98
23) Vinyl Acetate	5.06	43	1087803	9.356	ppbv	99
24) 1,1-Dichloroethane	5.00	63	898352	8.673	ppbv	100
25) Ethyl Acetate	5.66	43	2129514	9.511	ppbv	99
26) Hexane	5.67	57	986220	9.470	ppbv	98
27) Carbon Disulfide	4.54	76	1084714	8.903	ppbv	100
28) Methyl tert-Butyl Ether	5.02	73	998710	9.245	ppbv	99
29) Chloroform	5.74	83	1549333	9.114	ppbv	99
30) Cyclohexane	7.11	84	893774	9.857	ppbv	93
31) cis-1,2-Dichloroethene	5.53	61	995180	10.955	ppbv	99
32) 1,1,1-Trichloroethane	6.49	97	1552841	9.146	ppbv	98
34) 2-Butanone	5.23	43	718072	8.377	ppbv	99
35) Carbon Tetrachloride	7.00	117	1607378	8.736	ppbv	98
36) Benzene	6.87	78	2149321	9.270	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1160917	8.742	ppbv	98
38) Trichloroethene	7.82	130	778139	9.010	ppbv	99
39) 1,2-Dichloropropane	7.59	63	826882	8.797	ppbv	98
40) 1,4-Dioxane	7.81	88	210477	9.303	ppbv #	1
41) Tetrahydrofuran	6.03	42	534555	9.277	ppbv	97
42) Bromodichloromethane	7.77	83	1724838	8.754	ppbv	99
43) Methyl Methacrylate	7.99	69	802540	9.786	ppbv	96

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 Supervised By : Mahesh Dadoda 02/04/2022

Quant Time: Feb 04 08:49:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

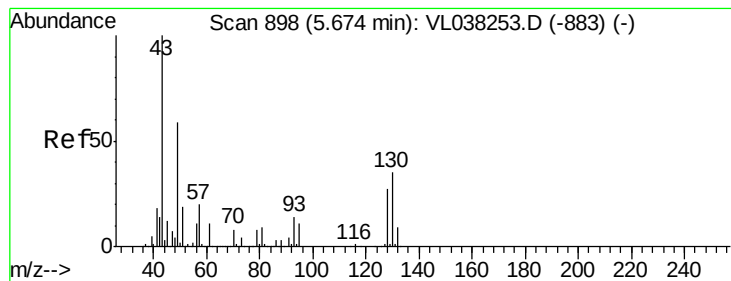
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3497313	8.559	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	718230	10.779	ppbv	97
46) cis-1,3-Dichloropropene	8.68	75	901418	10.140	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	861193	9.324	ppbv	97
48) Dibromochloromethane	10.28	129	1471983	9.466	ppbv	99
49) Bromoform	13.01	173	1135367	10.128	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	1379688	9.023	ppbv	99
51) 2-Hexanone	10.11	43	640555	9.511	ppbv	95
52) Tetrachloroethene	11.19	164	733923	9.185	ppbv	97
53) Toluene	9.78	91	2469806	9.624	ppbv	98
54) 1,2-Dibromoethane	10.59	107	1289243	9.818	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.10	131	953657	8.566	ppbv	96
57) Chlorobenzene	12.12	112	1805578	8.870	ppbv	97
58) Ethyl Benzene	12.68	91	3263833	8.731	ppbv	98
59) m/p-Xylene	12.97	91	5351427m	16.778	ppbv	
60) o-Xylene	13.67	91	2527624	8.521	ppbv	99
61) Styrene	13.50	104	1384724	10.002	ppbv	97
62) Isopropylbenzene	14.64	105	3442226	8.704	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1784120	8.128	ppbv	100
64) n-propylbenzene	15.53	120	892857	9.385	ppbv	92
65) tert-Butylbenzene	16.72	119	2933224	9.006	ppbv	97
66) Benzyl Chloride	16.96	91	171134	11.566	ppbv	96
67) sec-Butylbenzene	17.27	105	4065203	8.972	ppbv	99
69) p-Isopropyltoluene	17.63	119	3285301	9.475	ppbv	99
70) n-Butylbenzene	18.52	91	3236750	9.531	ppbv	99
71) 2-Chlorotoluene	15.43	91	2645478	9.032	ppbv	100
72) 4-Ethyltoluene	15.81	105	2958545	9.537	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	2611875	9.362	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	2668777	9.080	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	1493175	9.467	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1463454	9.584	ppbv	98
77) 1,2-Dichlorobenzene	17.79	146	1401149	9.565	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	731389	7.181	ppbv	99
79) Naphthalene	22.16	128	1312728	9.553	ppbv	97
80) Naphthalene,2-methyl-	24.95	142	267466	17.898	ppbv	98
81) 1,2,4-Trichlorobenzene	21.90	180	716695	8.868	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20 VSTDCCC010

Tgt Ion:

Ion Ratio

49 100

128 52.

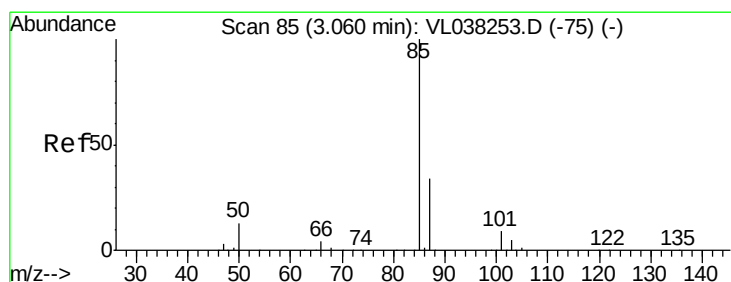
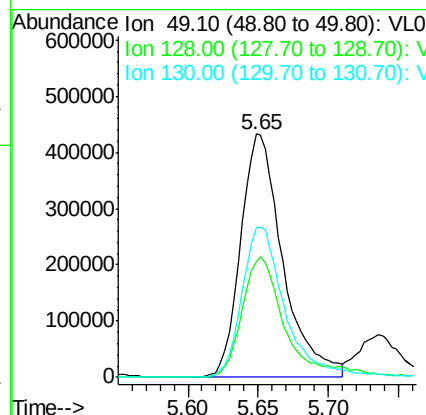
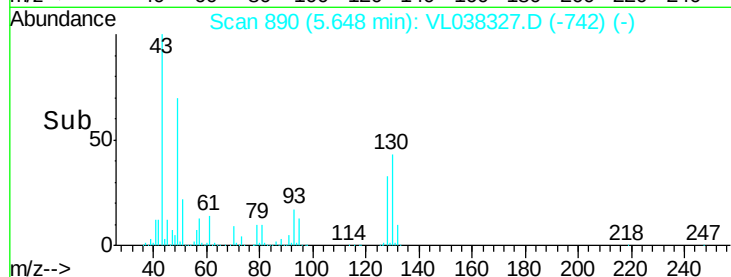
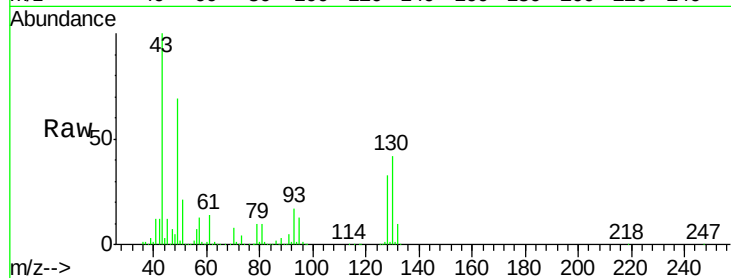
130 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#2

Dichlorodifluoromethane

Concen: 9.397 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL038327.D

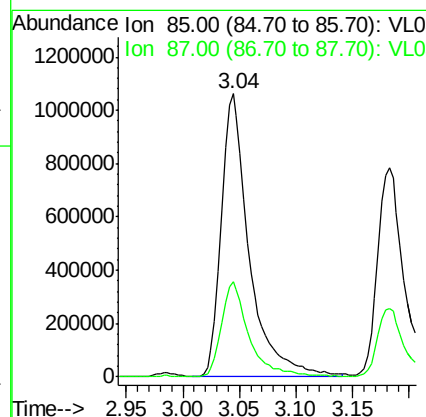
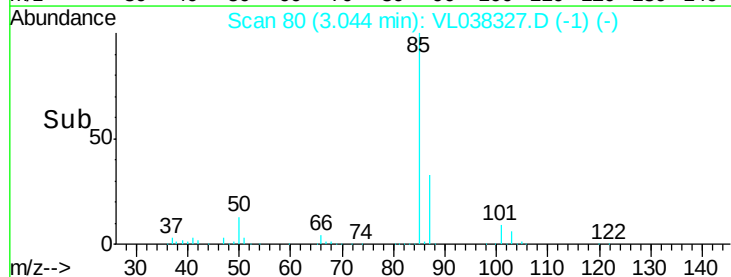
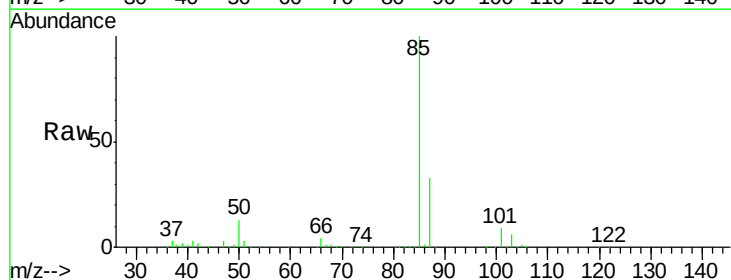
Acq: 3 Feb 2022 9:20

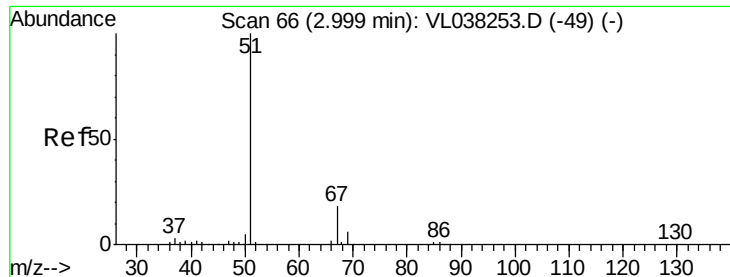
Tgt Ion: 85 Resp: 1814631

Ion Ratio Lower Upper

85 100

87 33.4 27.0 40.6





#3

Chlorodifluoromethane

Concen: 8.538 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

51 100

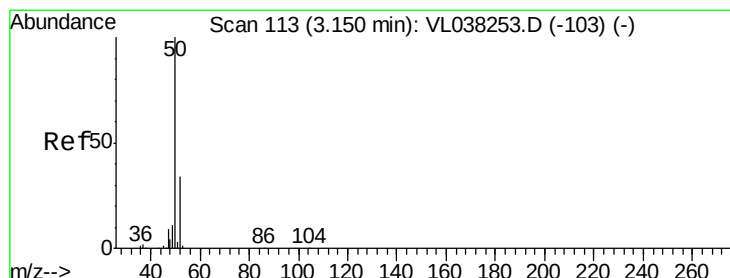
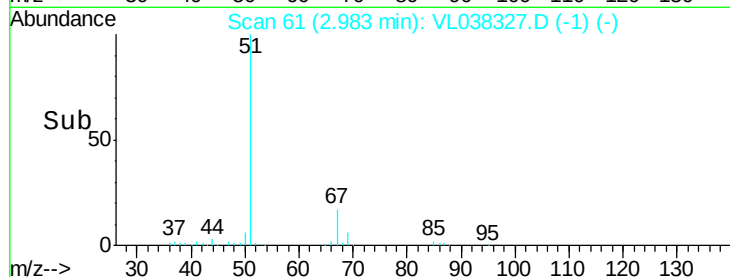
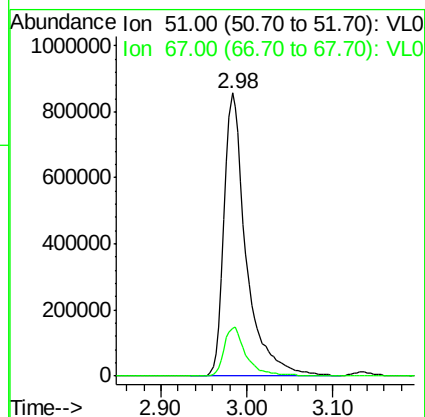
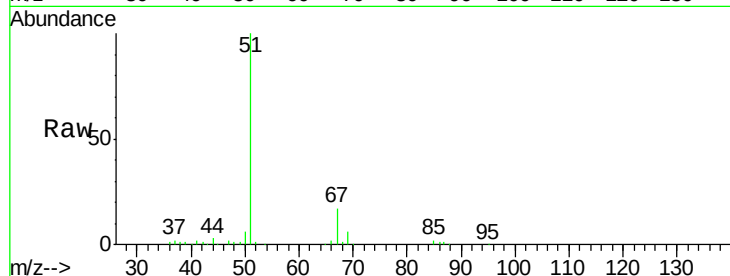
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#4

Chloromethane

Concen: 8.706 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL038327.D

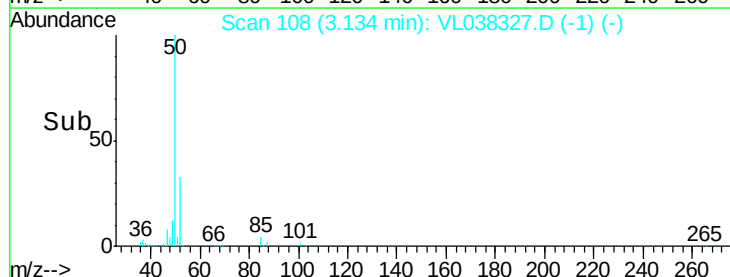
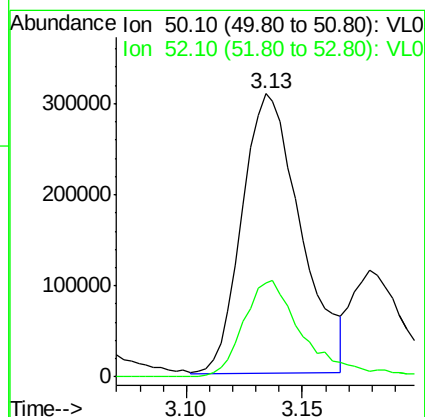
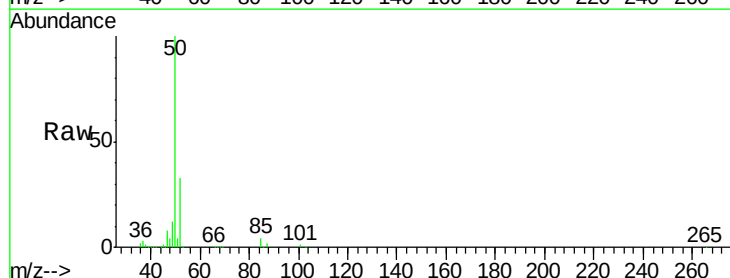
Acq: 3 Feb 2022 9:20

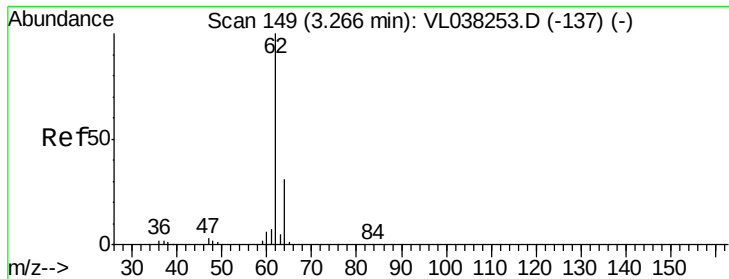
Tgt Ion: 50 Resp: 540872

Ion Ratio Lower Upper

50 100

52 33.8 27.1 40.7





#5

Vinyl Chloride

Concen: 8.616 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. -0.02 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

62 100

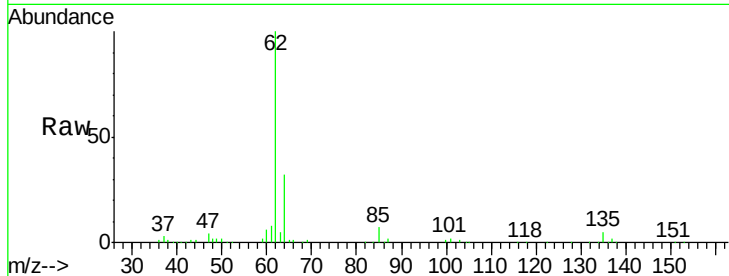
64 31.

Manual Integrations

APPROVED

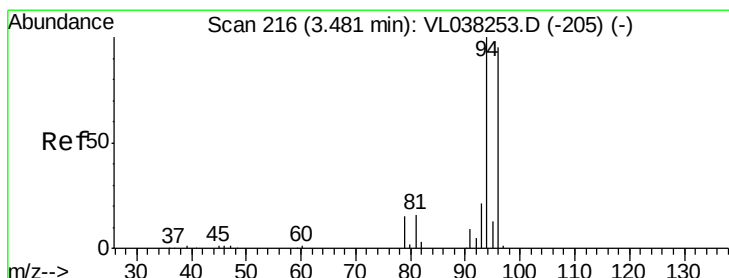
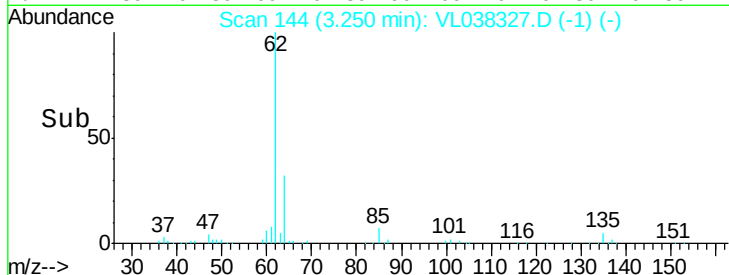
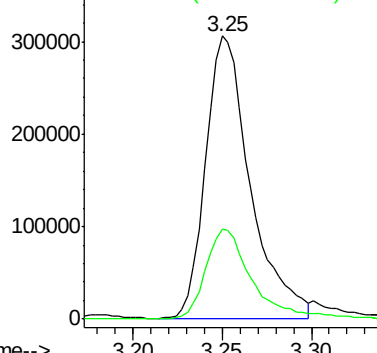
Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.257 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL038327.D

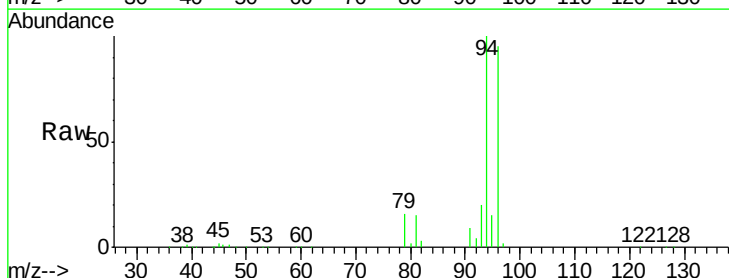
Acq: 3 Feb 2022 9:20

Tgt Ion: 94 Resp: 310334

Ion Ratio Lower Upper

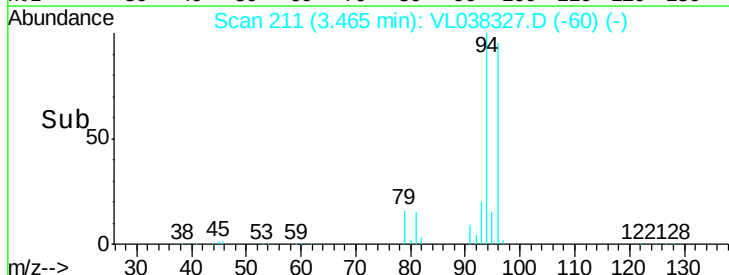
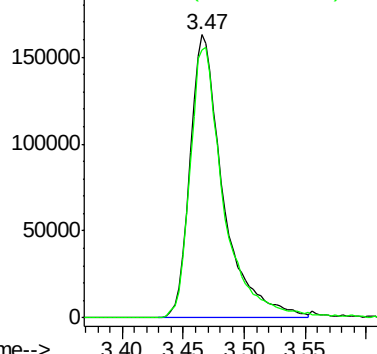
94 100

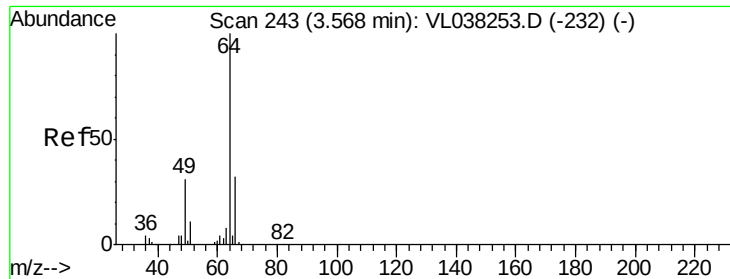
96 94.5 76.0 114.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 9.344 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

64 100

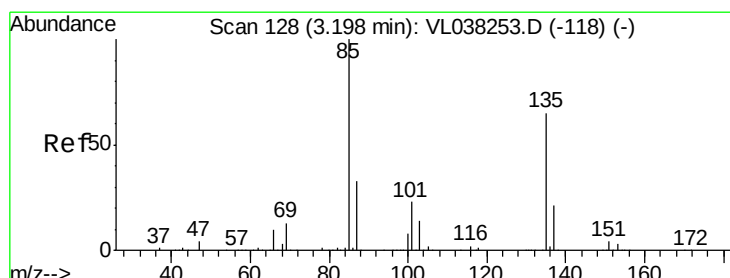
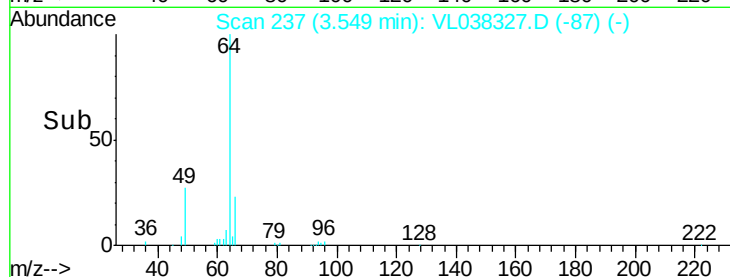
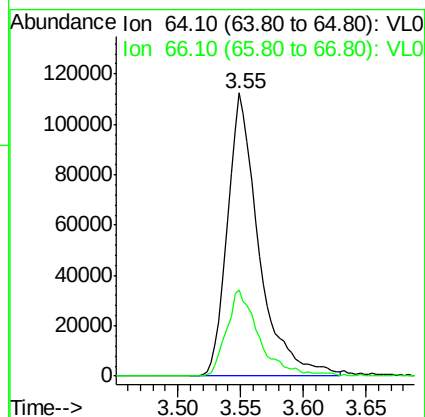
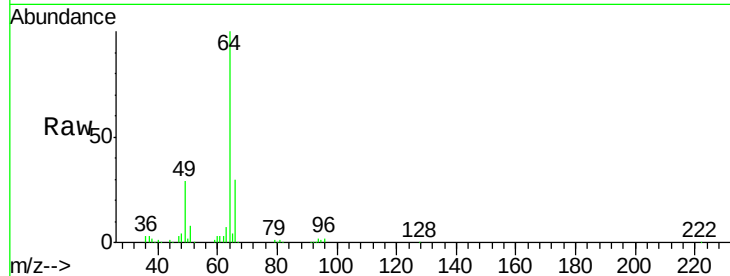
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#8

Dichlorotetrafluoroethane

Concen: 8.809 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.02 min

Lab File: VL038327.D

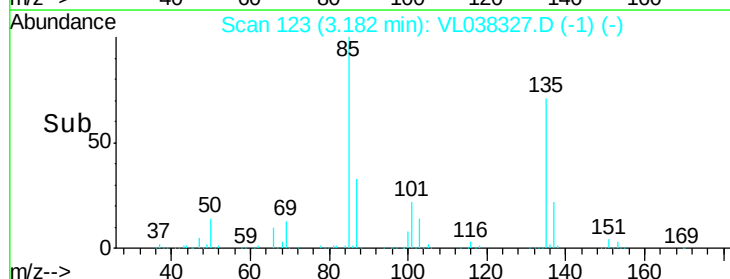
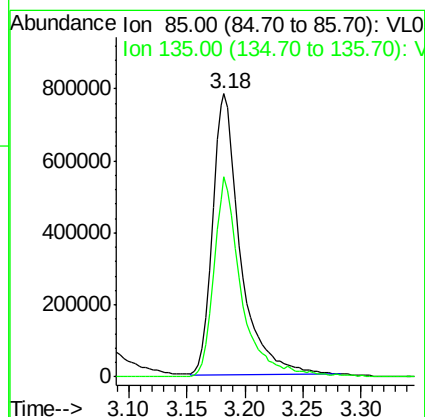
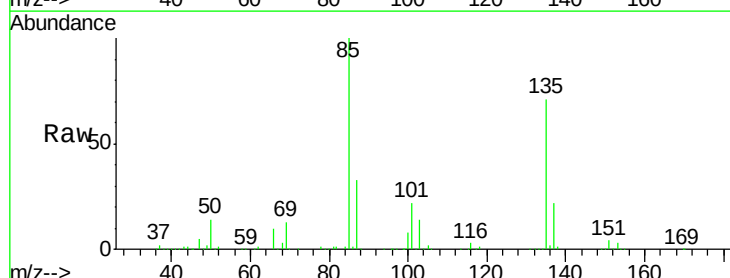
Acq: 3 Feb 2022 9:20

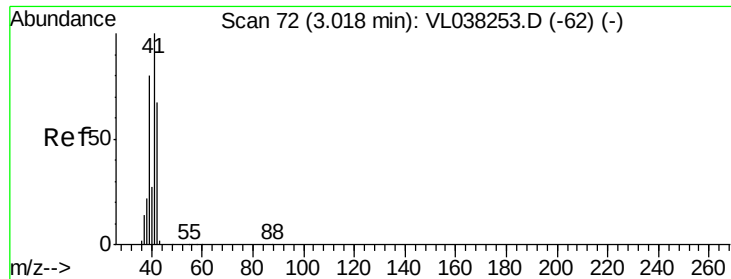
Tgt Ion: 85 Resp: 1316381

Ion Ratio Lower Upper

85 100

135 70.8 53.7 80.5



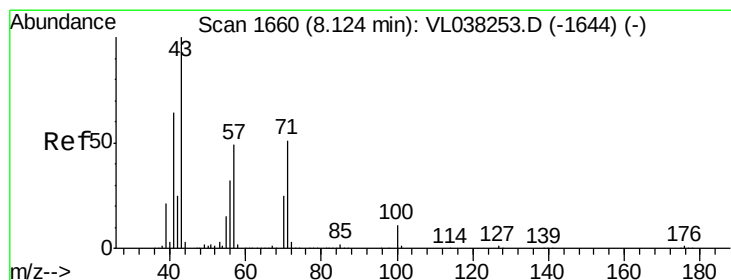
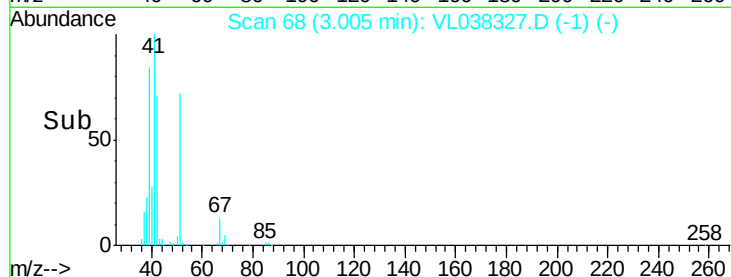
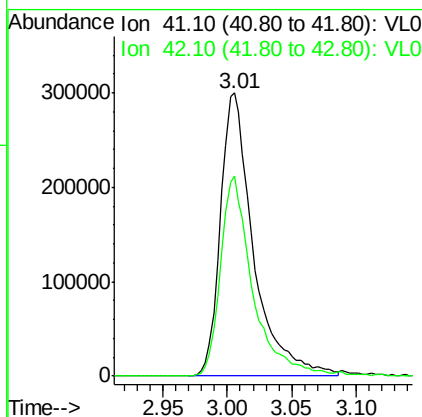
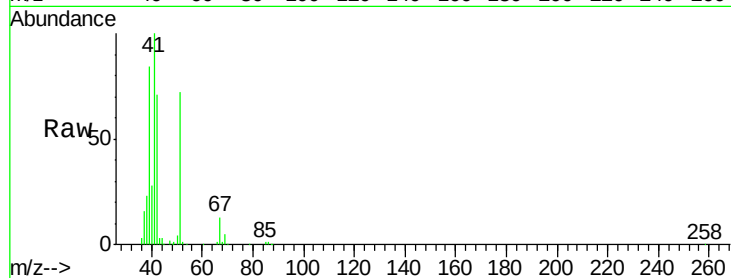


#9
 Propene
 Concen: 9.073 ppbv
 RT: 3.01 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Feb 2022 9:20

Tgt Ion:
 Ion Ratio
 41 100
 42 69.

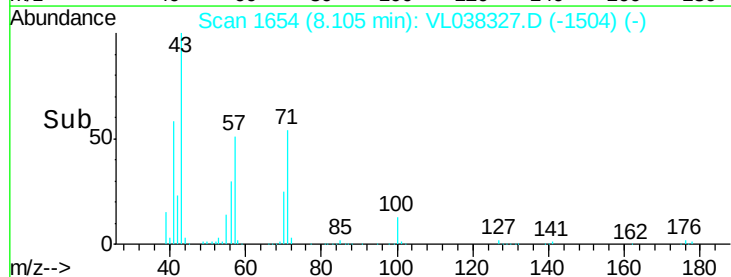
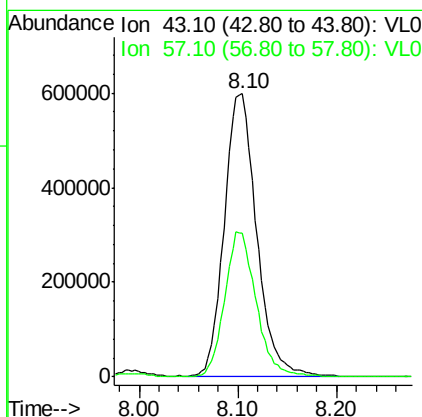
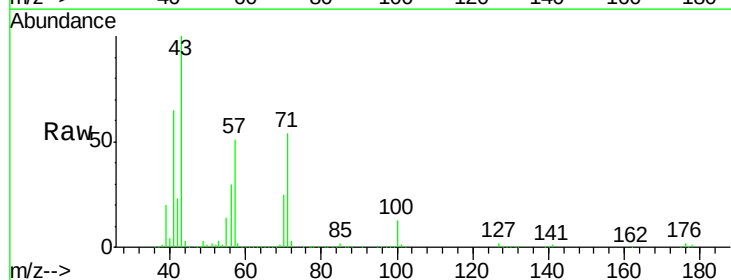
Manual Integrations
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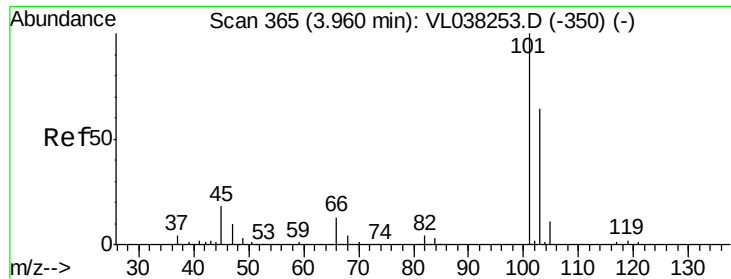
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#10
 Heptane
 Concen: 8.972 ppbv
 RT: 8.10 min Scan# 1654
 Delta R.T.: -0.02 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 43 Resp: 1357076
 Ion Ratio Lower Upper
 43 100
 57 50.1 39.5 59.3



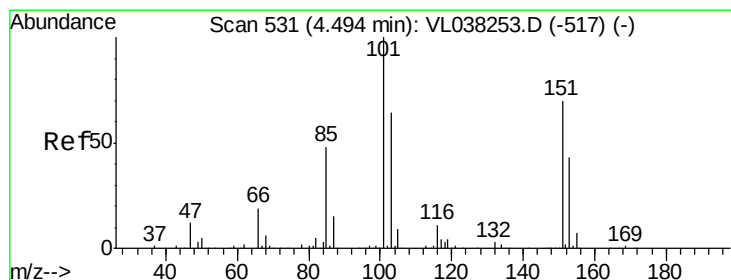
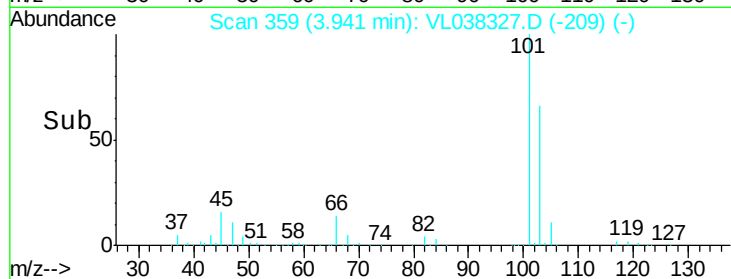
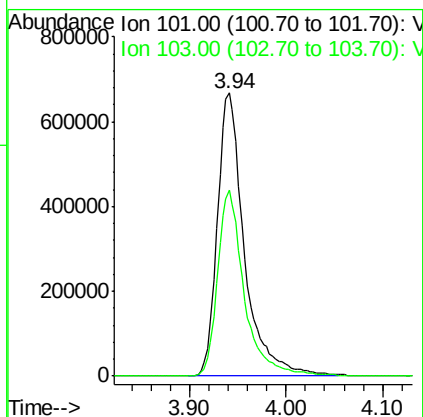
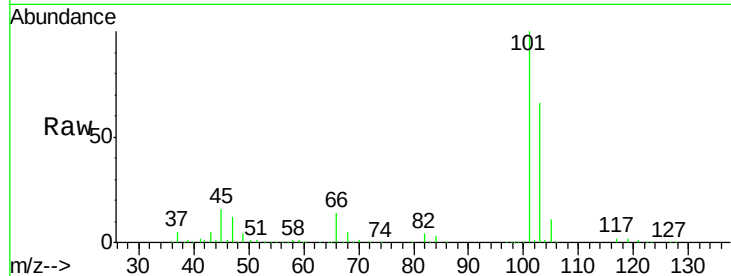


#11
 Trichlorofluoromethane
 Concen: 8.645 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Feb 2022 9:20

Tgt Ion:1
 Ion Rati
 101 100
 103 65.

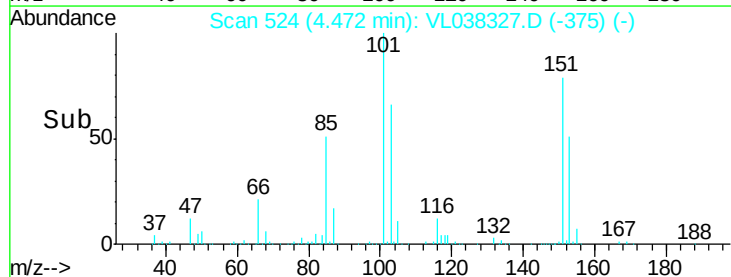
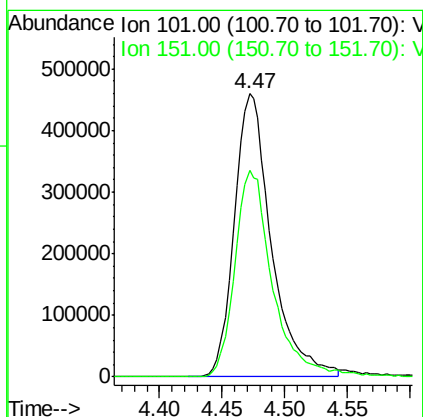
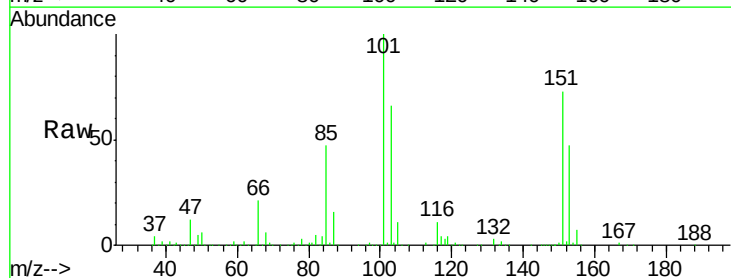
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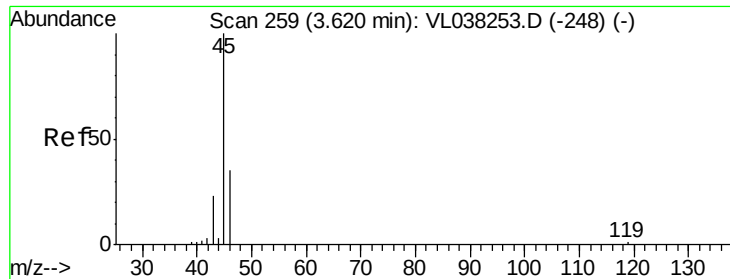
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.314 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion:101 Resp: 945464
 Ion Ratio Lower Upper
 101 100
 151 74.5 55.3 82.9



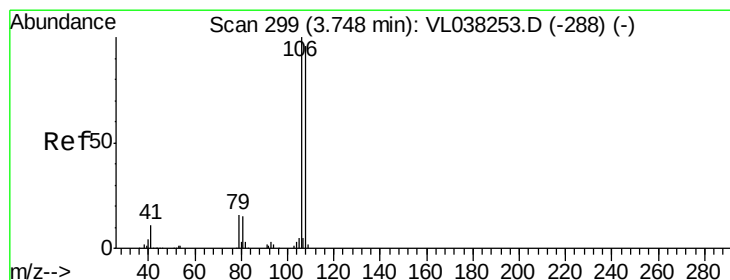
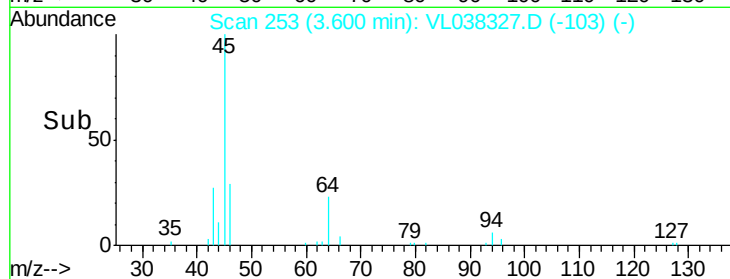
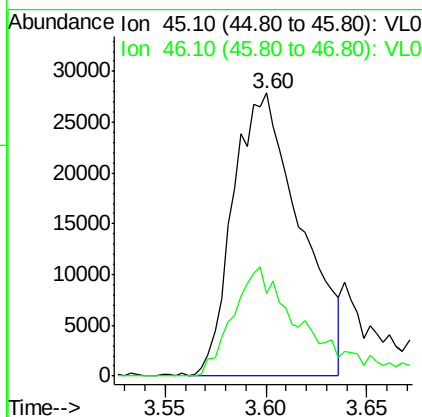
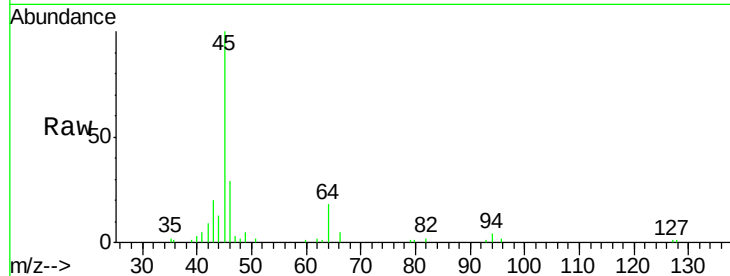


#13
Ethanol
Concen: 10.316 ppbv
RT: 3.60
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
45 100
46 43.

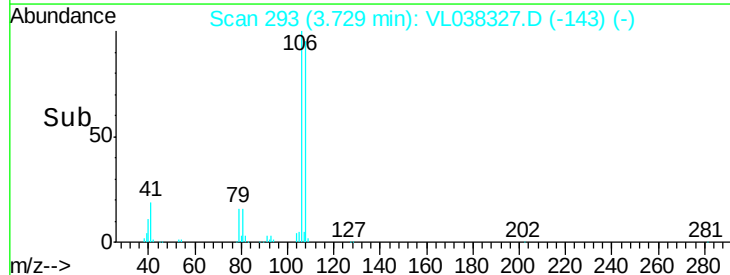
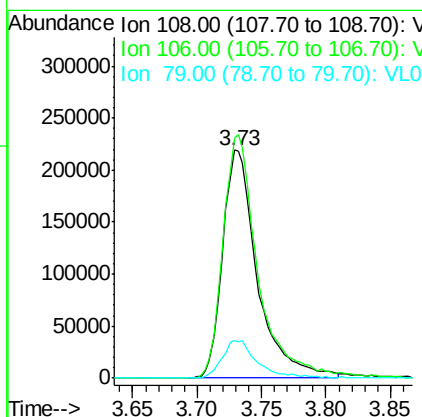
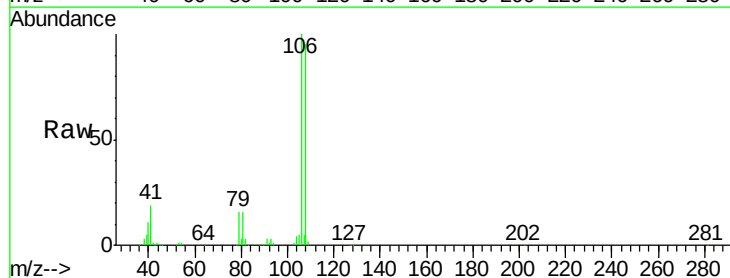
Manual Integrations
APPROVED

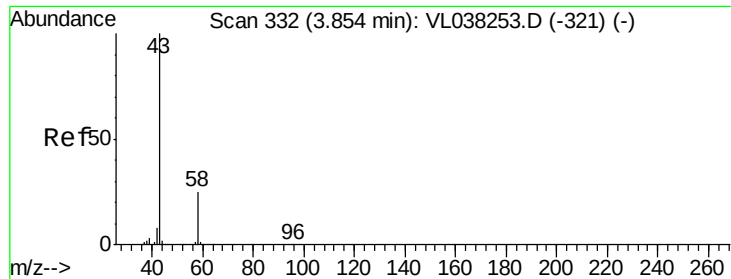
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#14
Bromoethene
Concen: 9.234 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion:108 Resp: 410345
Ion Ratio Lower Upper
108 100
106 109.0 86.4 129.6
79 17.6 14.1 21.1



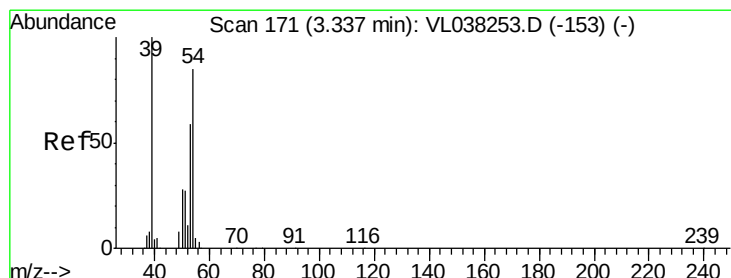
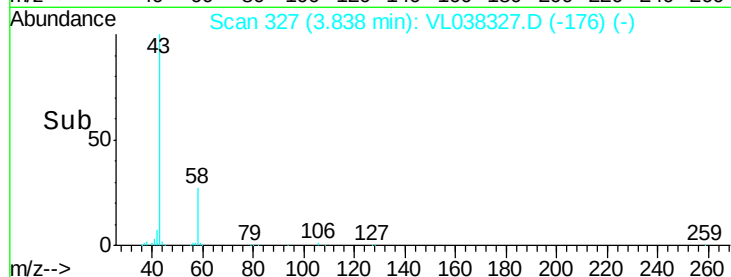
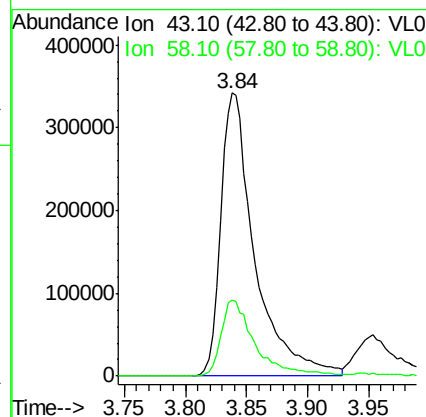
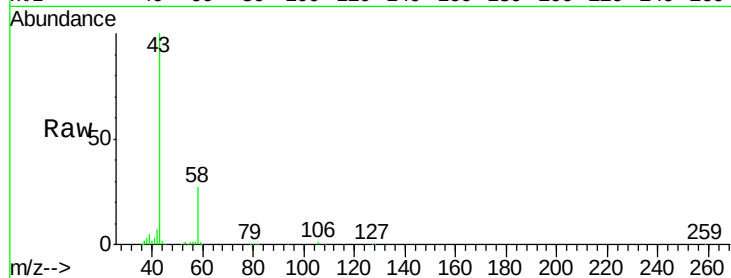


#15
Acetone
Concen: 8.359 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
43 100
58 27.

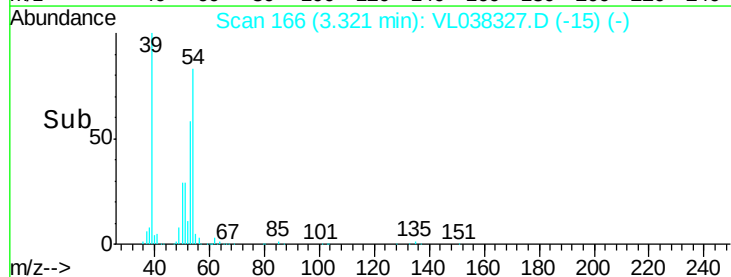
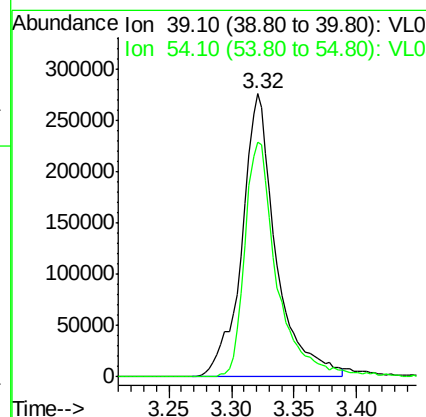
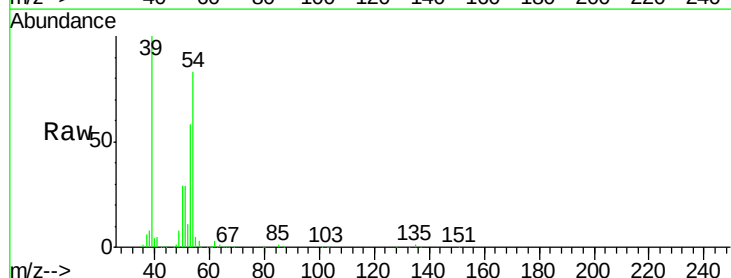
Manual Integrations
APPROVED

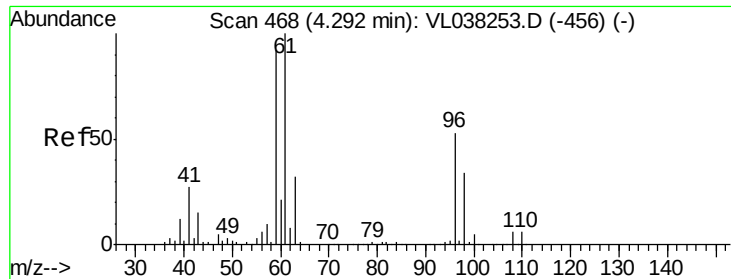
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#16
1,3-Butadiene
Concen: 9.071 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 39 Resp: 520541
Ion Ratio Lower Upper
39 100
54 78.8 62.6 94.0





#17

tert-Butyl alcohol

Concen: 8.731 ppbv

RT: 4.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20 VSTDCC010

Tgt Ion:

Ion Ratio

59 100

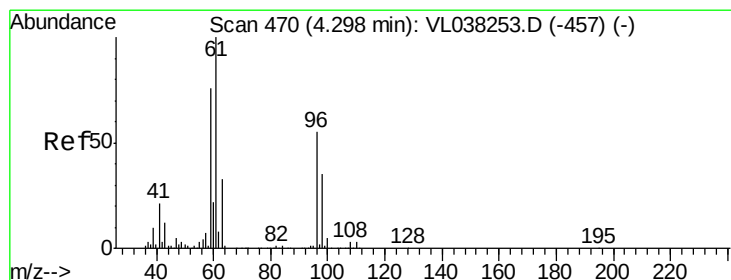
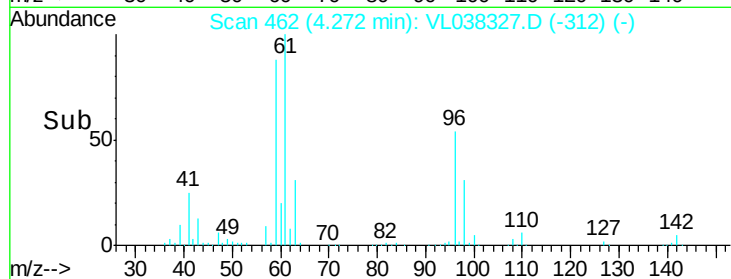
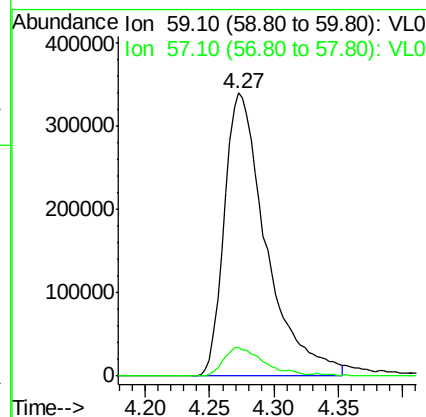
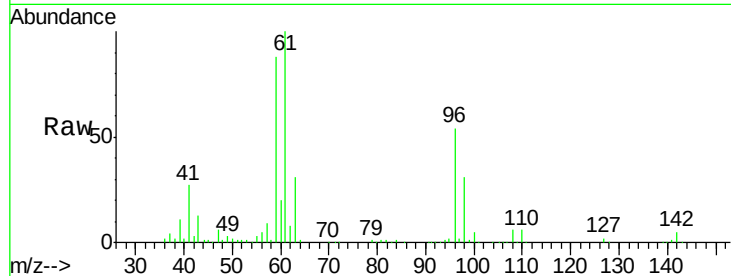
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#18

1,1-Dichloroethene

Concen: 8.830 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.02 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

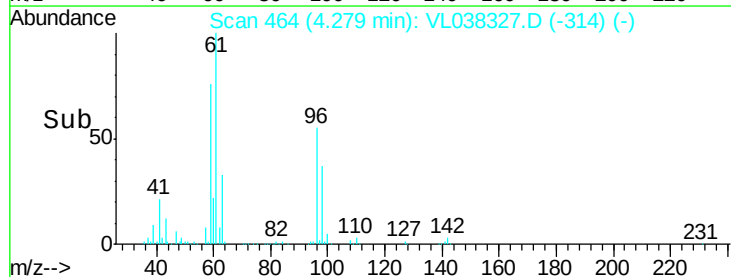
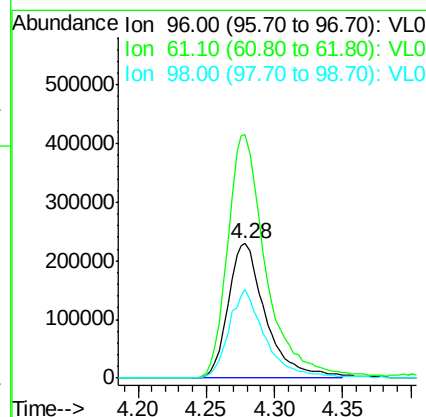
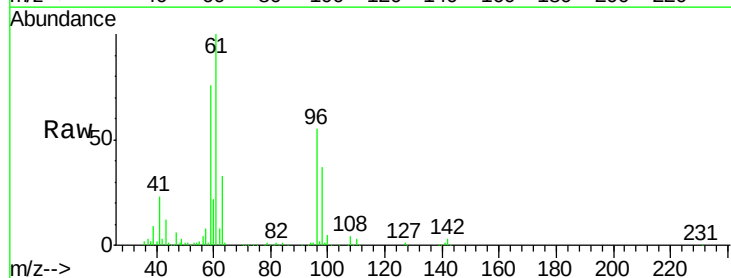
Tgt Ion: 96 Resp: 436652

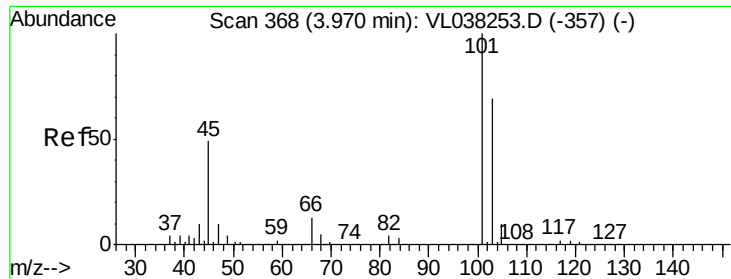
Ion Ratio Lower Upper

96 100

61 180.7 146.5 219.7

98 66.3 51.9 77.9



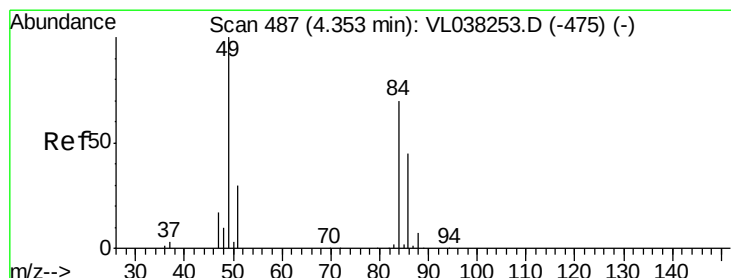
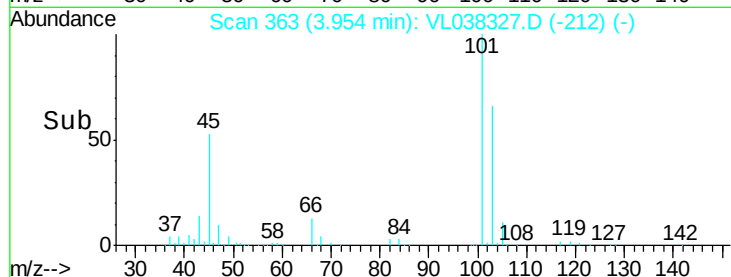
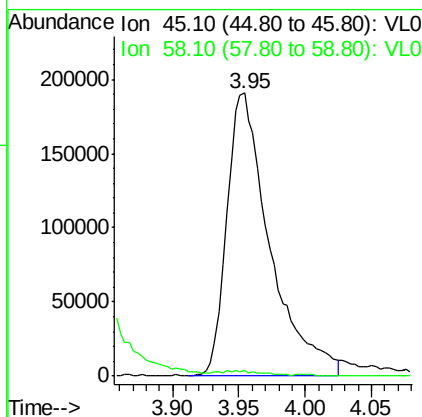
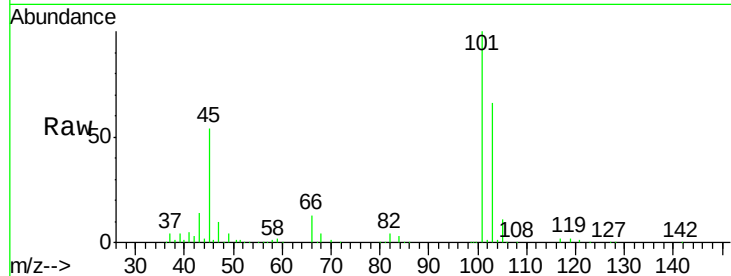


#19
Isopropyl Alcohol
Concen: 8.590 ppbv
RT: 3.95 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
45 100
58 1.

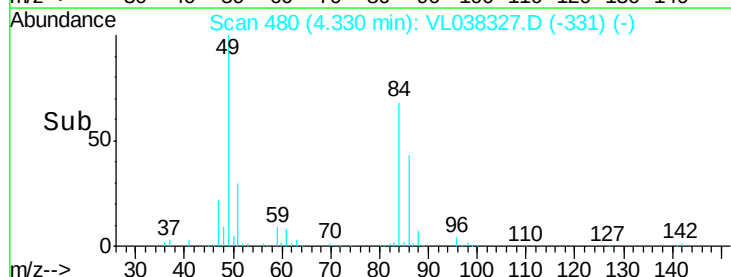
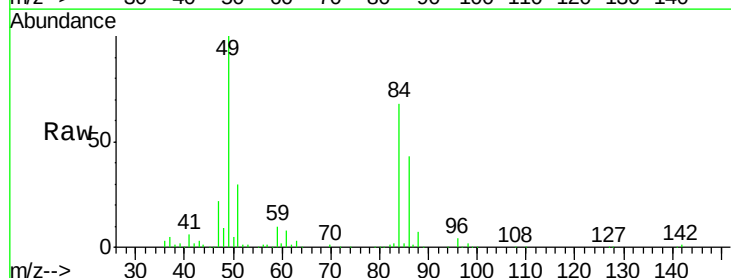
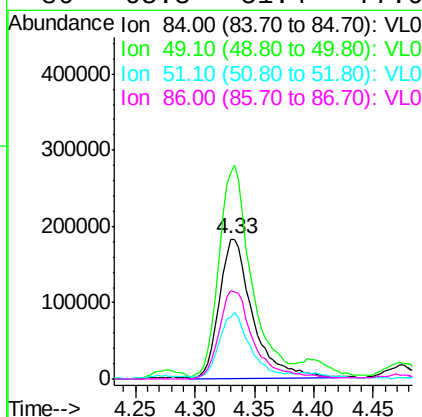
Manual Integrations
APPROVED

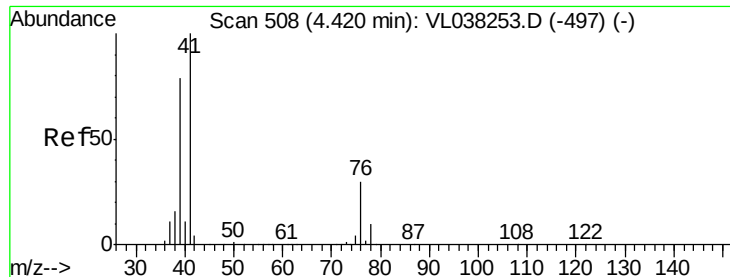
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#20
Methylene Chloride
Concen: 7.637 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 84 Resp: 355198
Ion Ratio Lower Upper
84 100
49 146.2 115.0 172.6
51 42.7 35.0 52.6
86 63.3 51.4 77.0



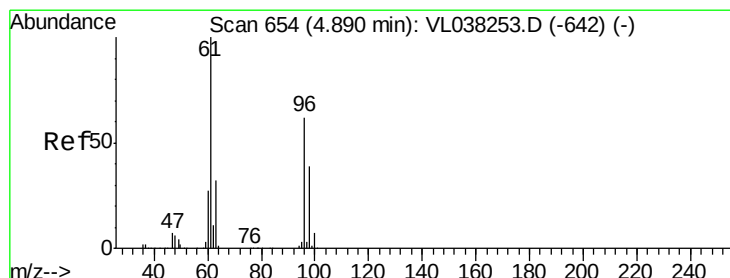
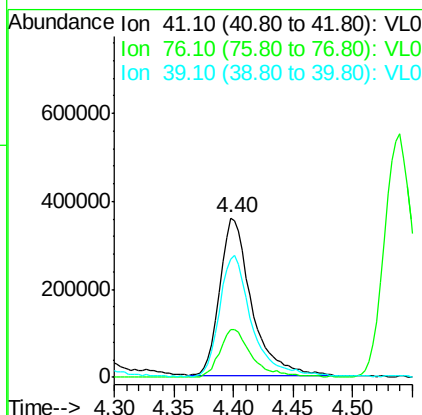
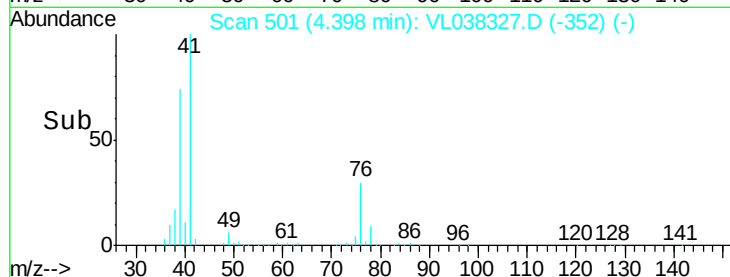
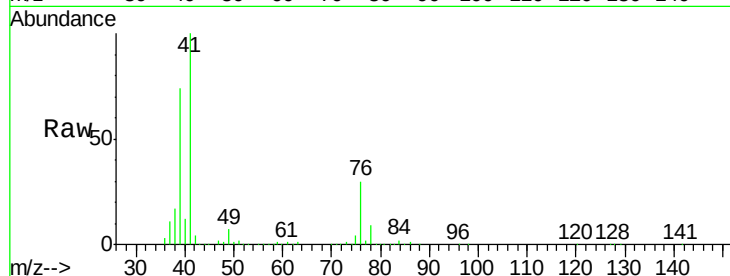


#21
 Allyl Chloride
 Concen: 9.453 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDC0010
 Acq: 3 Feb 2022 9:20

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 77.

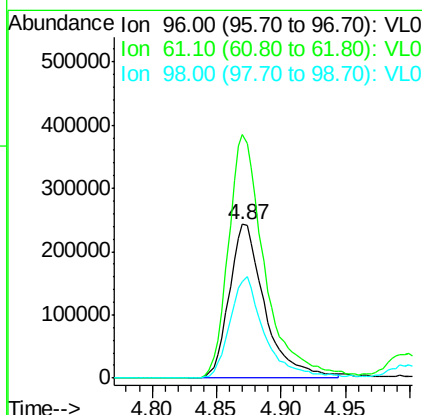
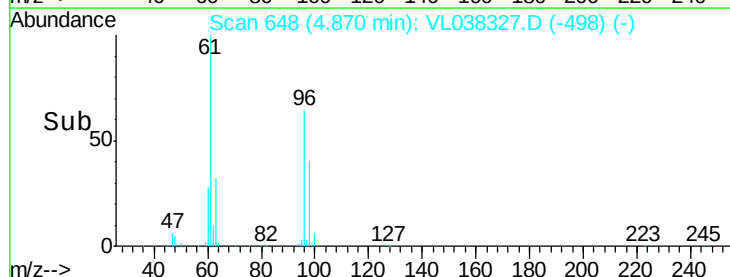
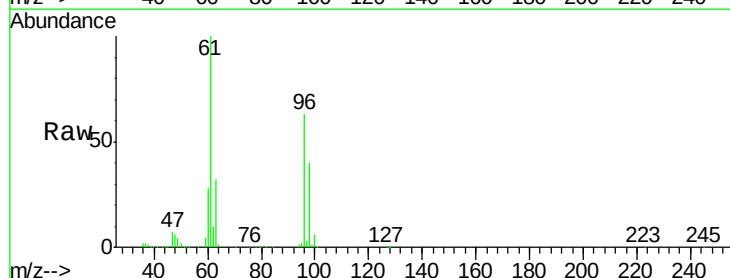
Manual Integrations
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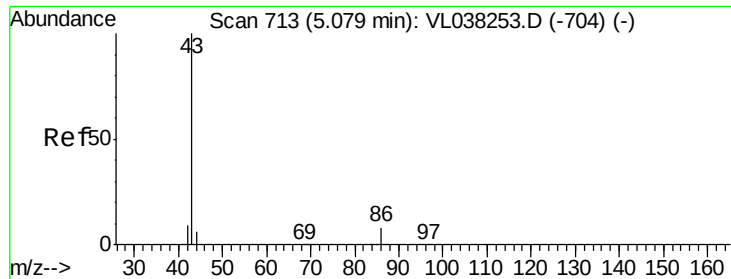
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.139 ppbv
 RT: 4.87 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 96 Resp: 466992
 Ion Ratio Lower Upper
 96 100
 61 158.3 128.8 193.2
 98 62.9 49.8 74.8





#23

Vinyl Acetate

Concen: 9.356 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

43 100

86 7.

42 9.

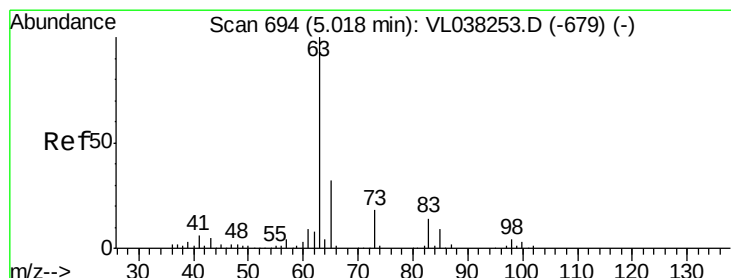
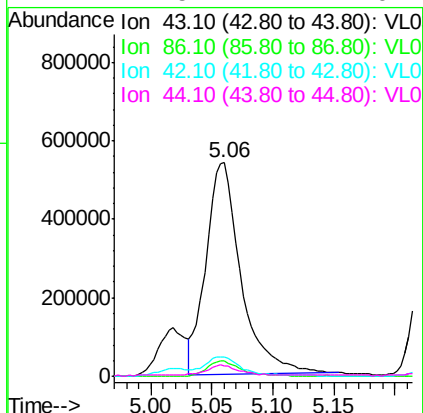
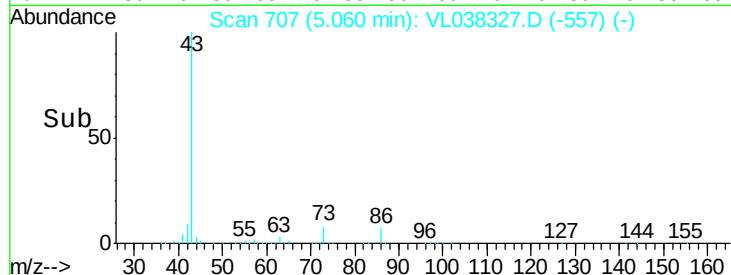
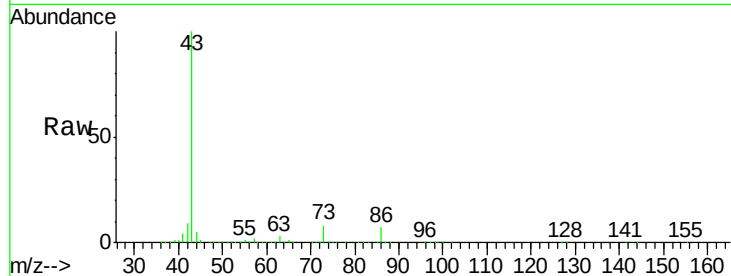
44 4.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#24

1,1-Dichloroethane

Concen: 8.673 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

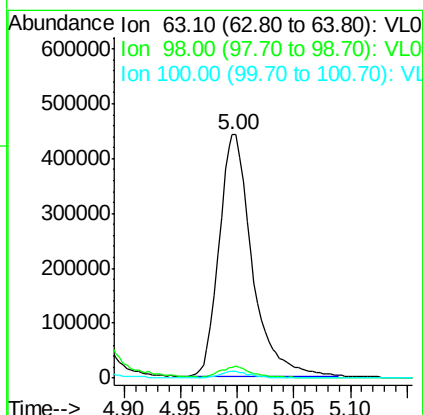
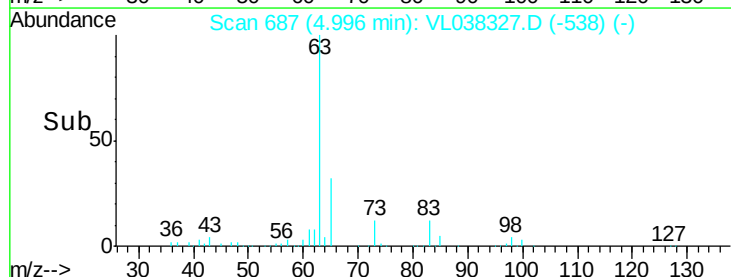
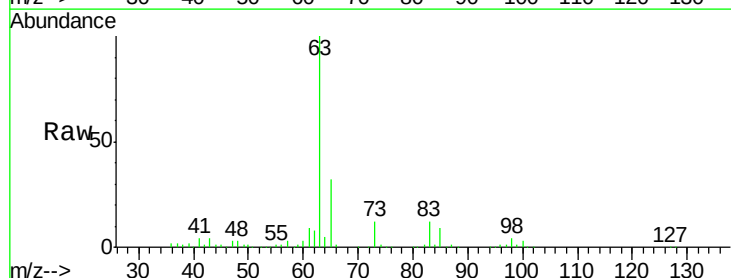
Tgt Ion: 63 Resp: 898352

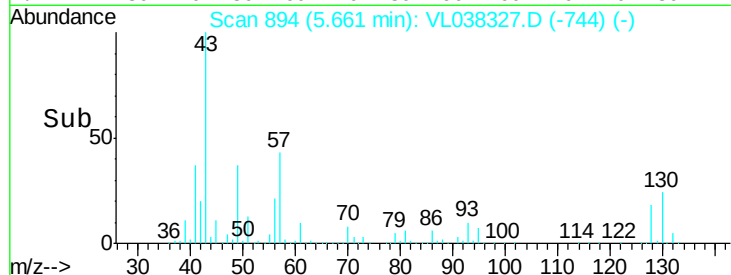
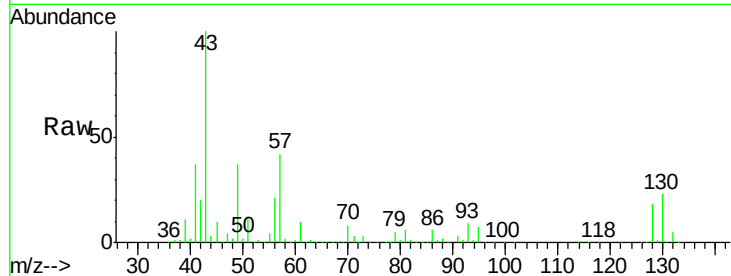
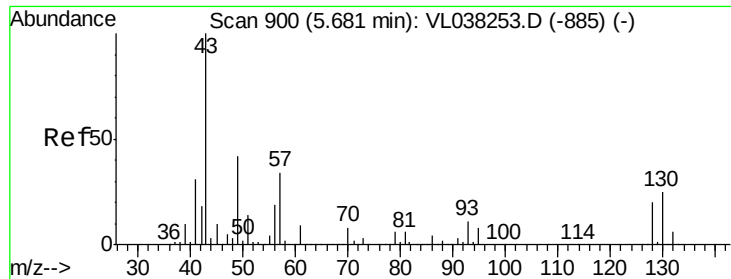
Ion Ratio Lower Upper

63 100

98 4.3 2.3 6.8

100 2.5 1.3 3.9



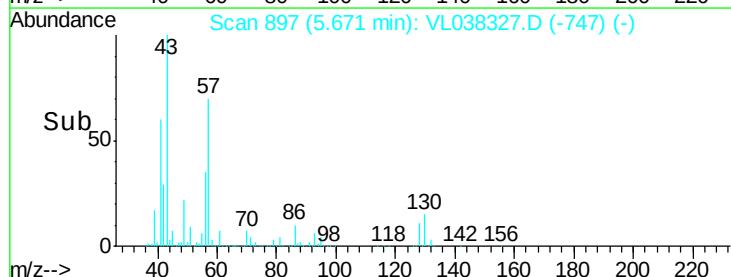
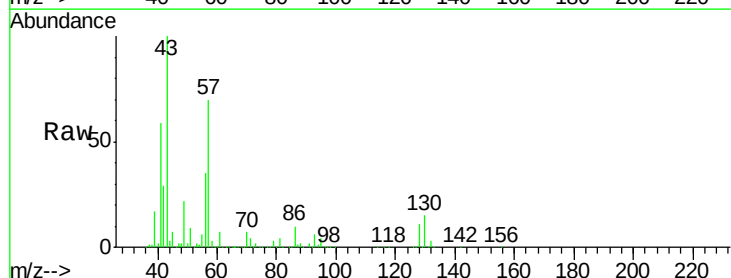
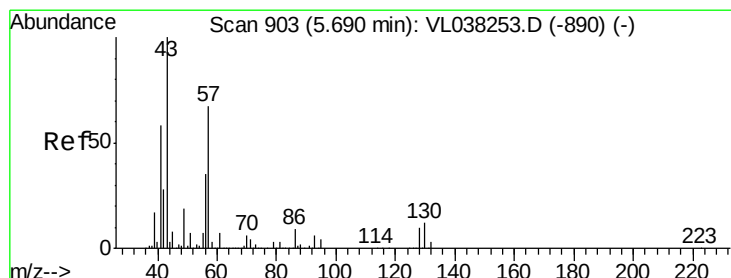
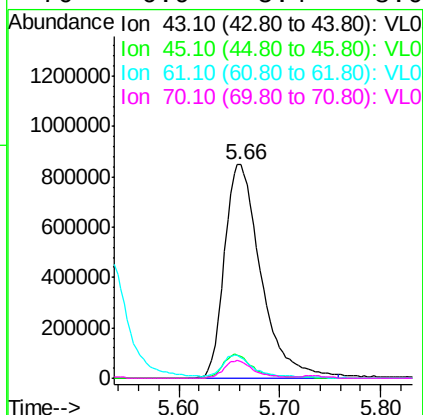


#25
Ethyl Acetate
Concen: 9.511 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 3 Feb 2022 9:20

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 10.
70 6.9 5.4 8.0

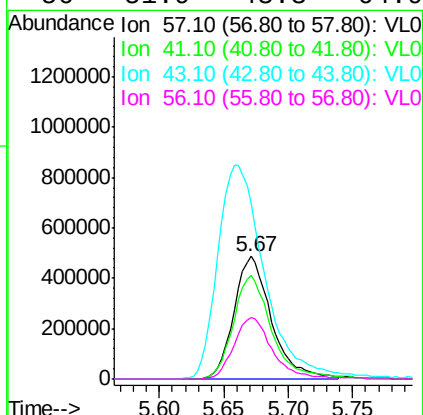
Manual Integrations
APPROVED

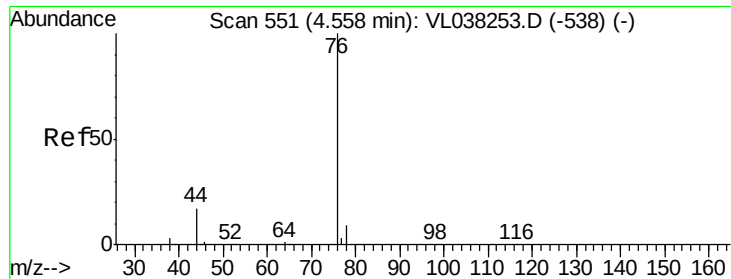
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#26
Hexane
Concen: 9.470 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 57 Resp: 986220
Ion Ratio Lower Upper
57 100
41 87.4 72.8 109.2
43 218.6 177.0 265.6
56 51.9 43.3 64.9





#27

Carbon Disulfide

Concen: 8.903 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20 VSTDCCC010

Tgt Ion:

Ion Ratio

76 100

44 18.

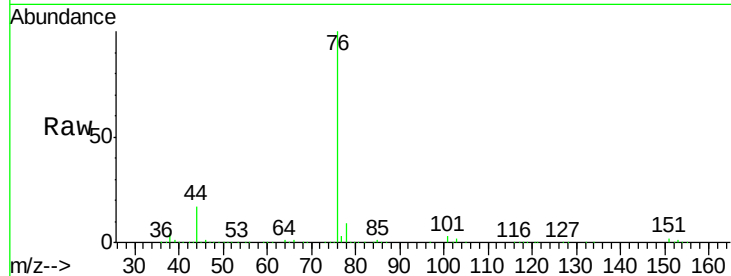
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

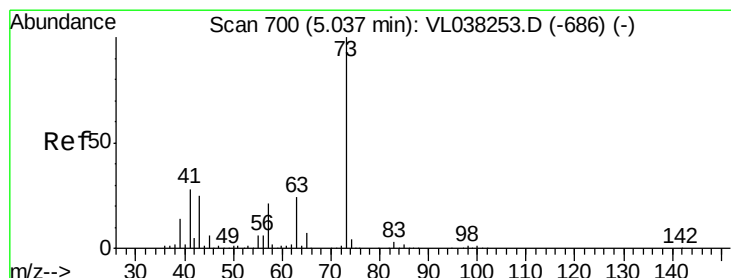
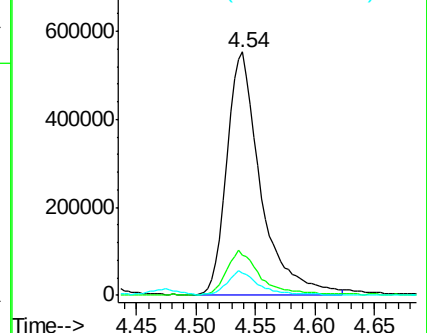
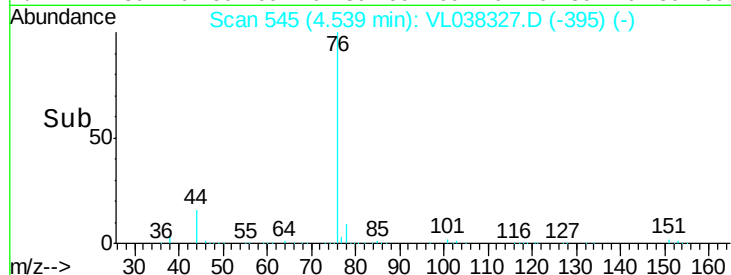
Supervised By :Mahesh Dadoda 02/04/2022



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: 9.245 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: VL038327.D

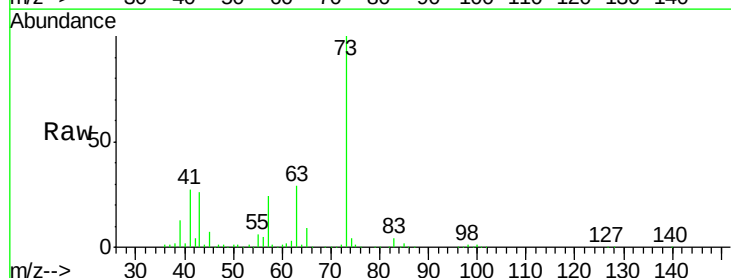
Acq: 3 Feb 2022 9:20

Tgt Ion: 73 Resp: 998710

Ion Ratio Lower Upper

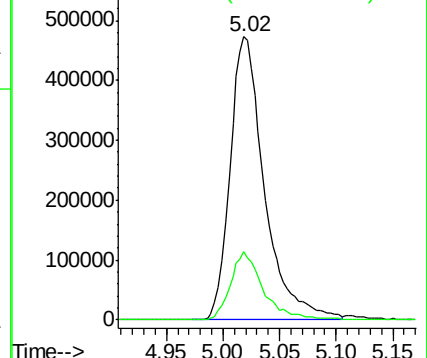
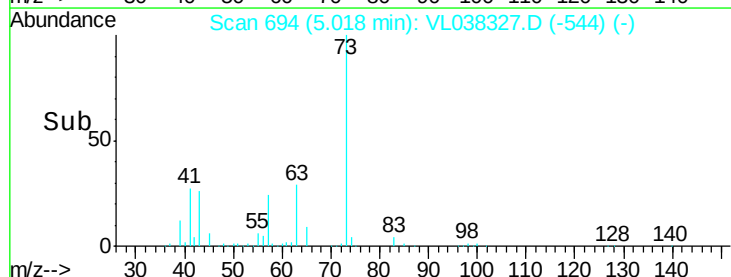
73 100

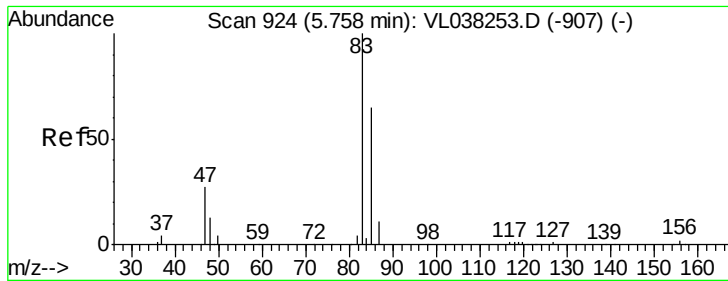
57 23.3 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



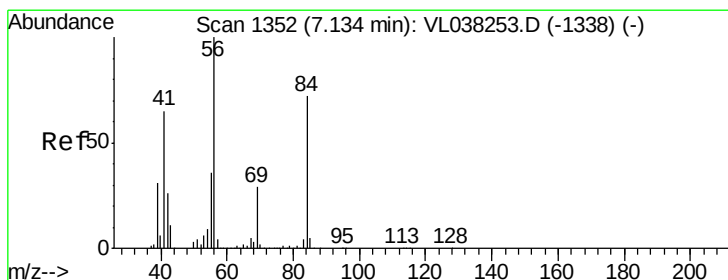
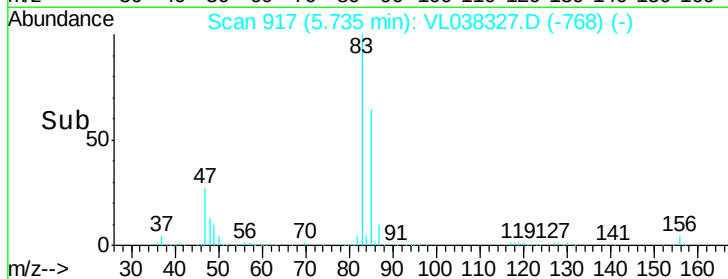
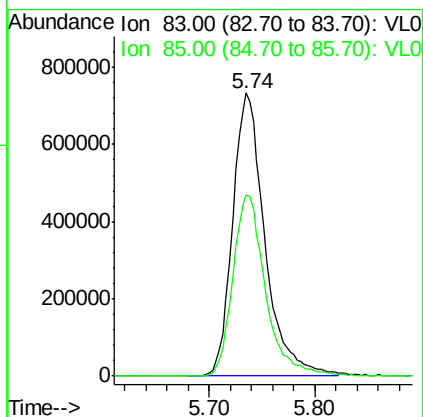
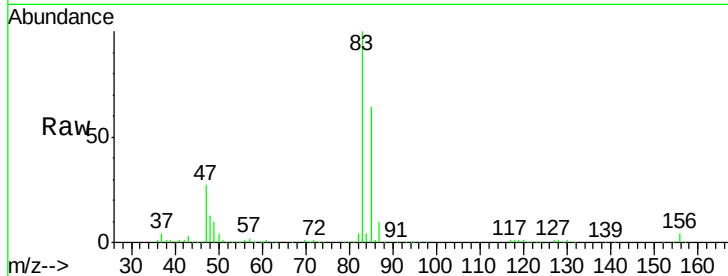


#29
Chloroform
Concen: 9.114 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
83 100
85 63.

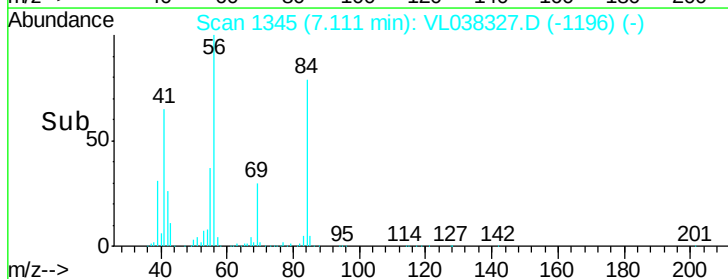
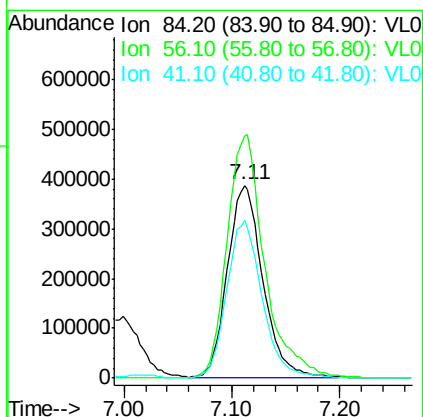
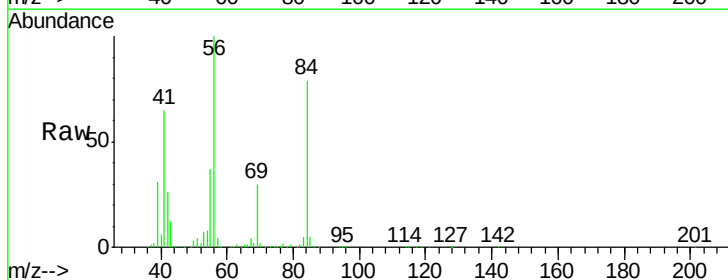
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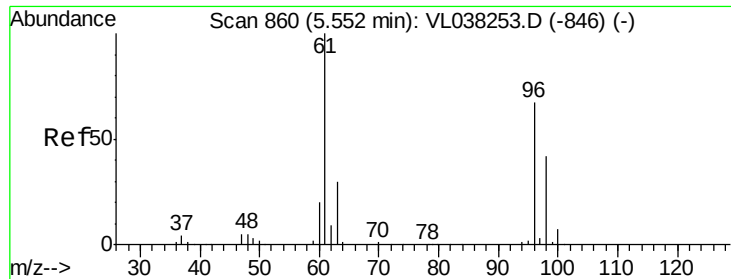
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#30
Cyclohexane
Concen: 9.857 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 84 Resp: 893774
Ion Ratio Lower Upper
84 100
56 133.8 112.7 169.1
41 81.7 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 10.955 ppbv

RT: 5.53 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20 VSTDCCC010

Tgt Ion:

Ion Ratio

61 100

96 65.

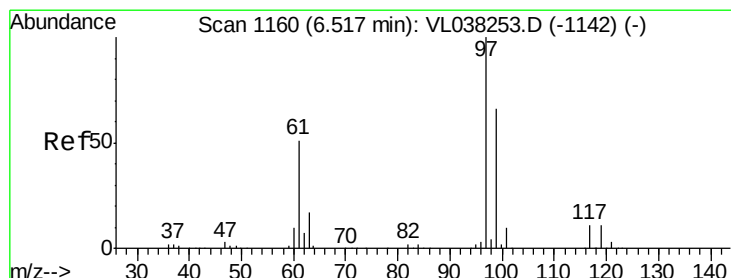
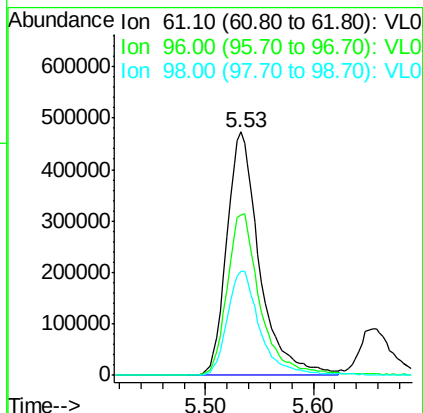
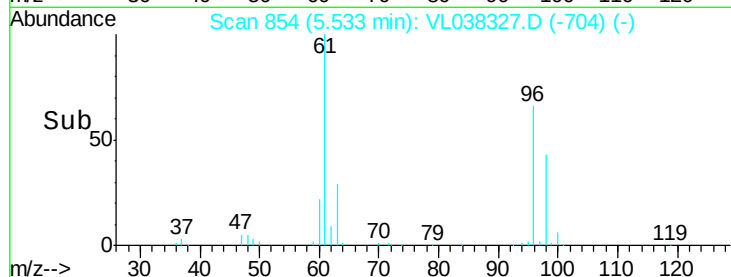
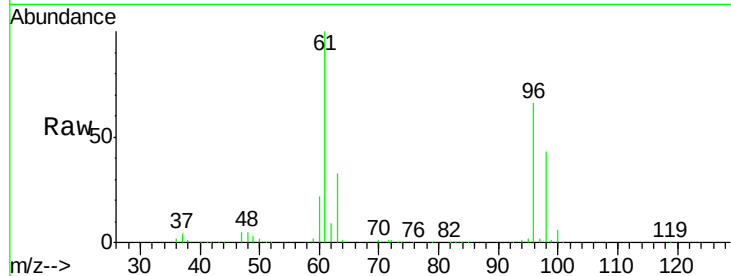
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#32

1,1,1-Trichloroethane

Concen: 9.146 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

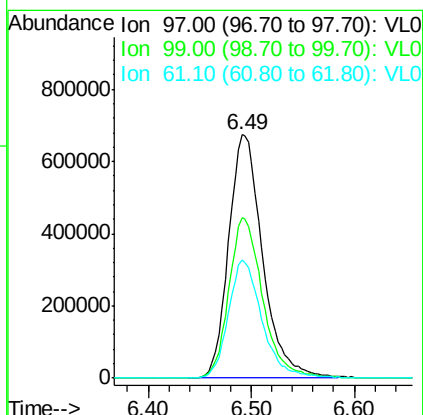
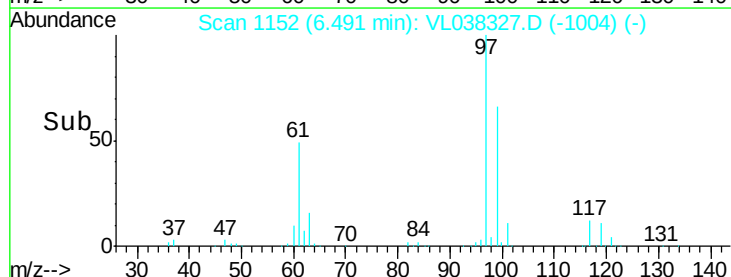
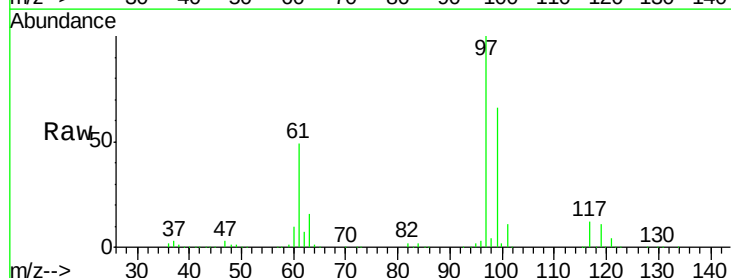
Tgt Ion: 97 Resp: 1552841

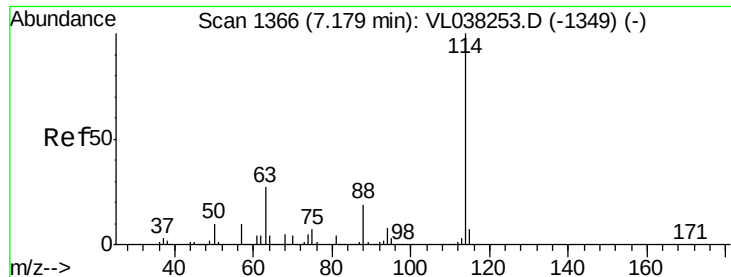
Ion Ratio Lower Upper

97 100

99 65.5 51.5 77.3

61 48.0 40.5 60.7



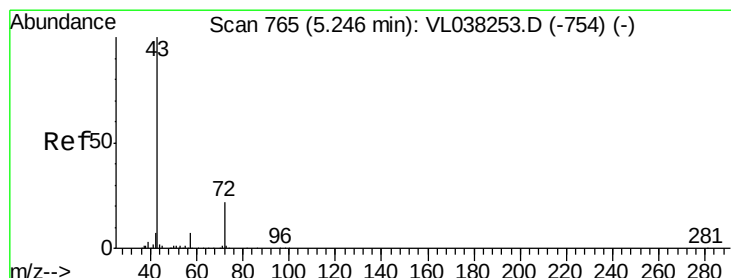
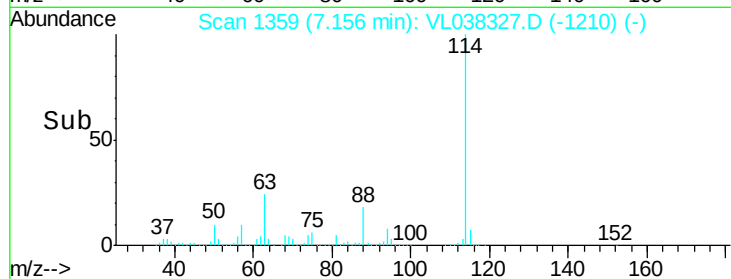
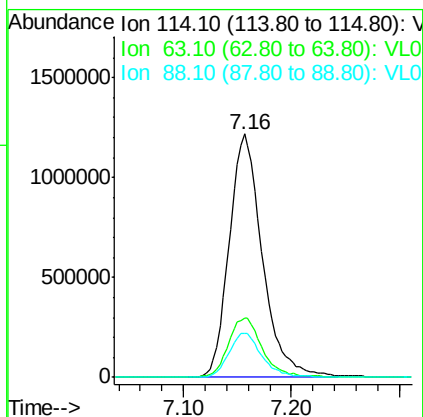
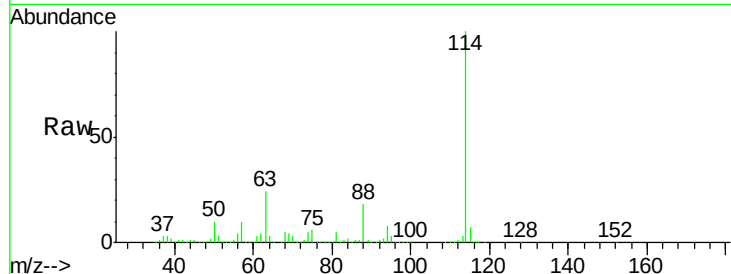


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Feb 2022 9:20

Tgt Ion: 1
 Ion Ratio
 114 100
 63 25.
 88 18.

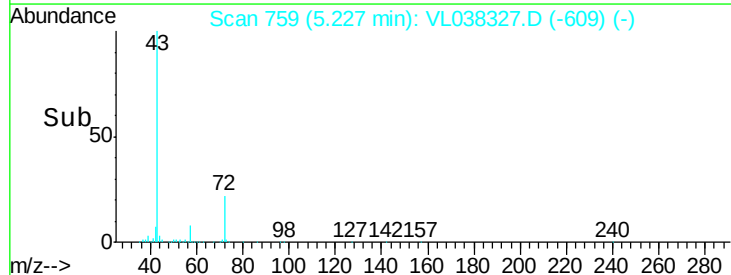
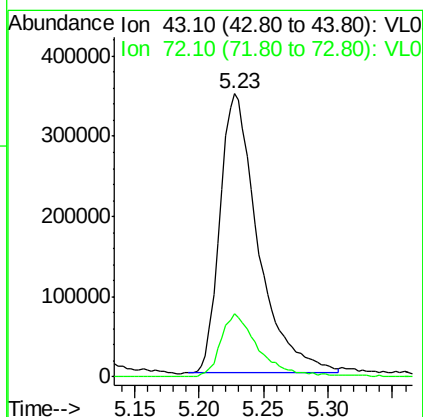
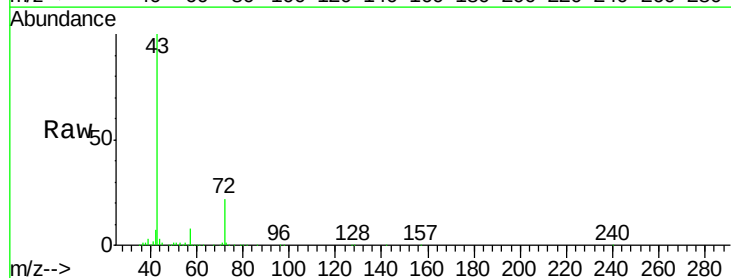
Manual Integrations
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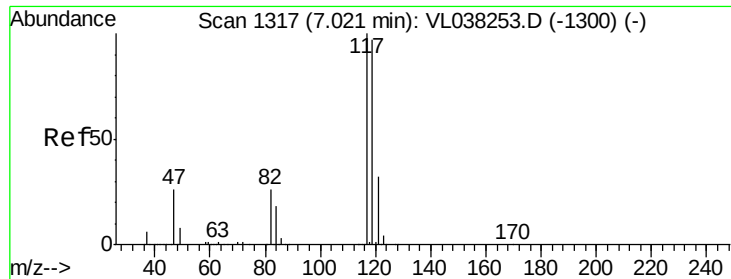
Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022



#34
 2-Butanone
 Concen: 8.377 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 43 Resp: 718072
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.1 27.1



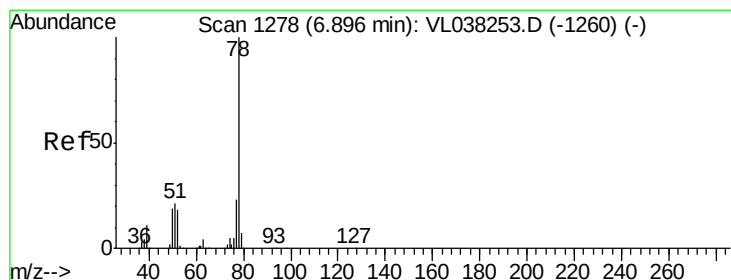
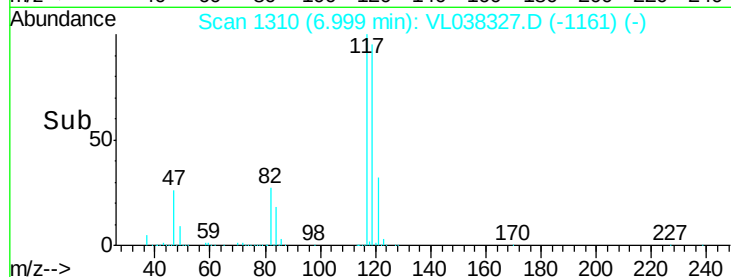
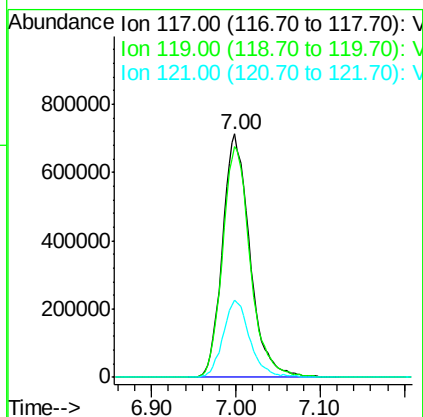
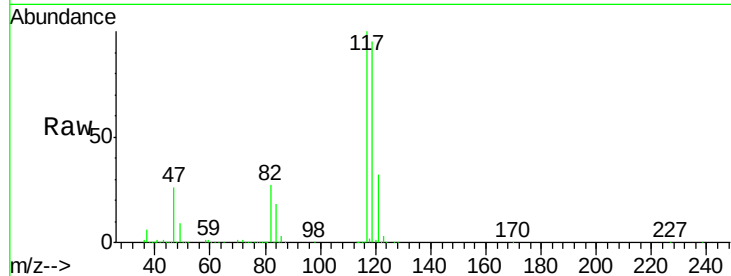


#35
Carbon Tetrachloride
Concen: 8.736 ppbv
RT: 7.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010
Acq: 3 Feb 2022 9:20

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 31.

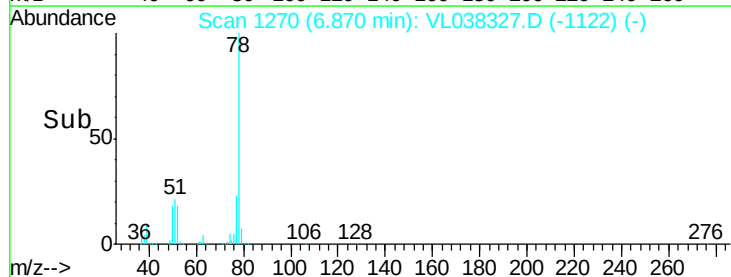
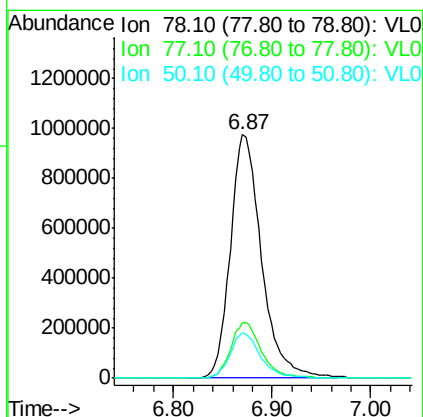
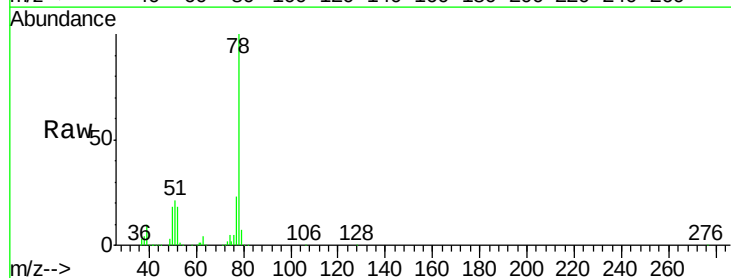
Manual Integrations
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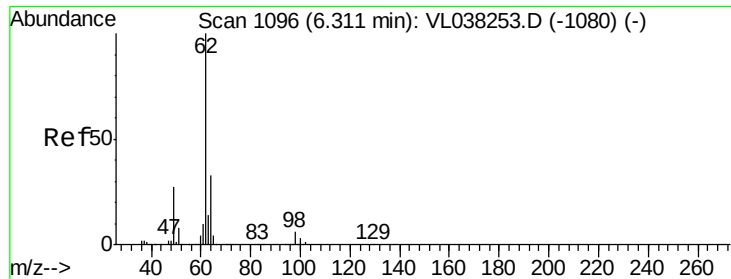
Reviewed By : Semsettin Yesilyurt 02/04/2022
Supervised By : Mahesh Dadoda 02/04/2022



#36
Benzene
Concen: 9.270 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 78 Resp: 2149321
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.2
50 18.4 15.1 22.7





#37

1,2-Dichloroethane

Concen: 8.742 ppbv

RT: 6.29 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

62 100

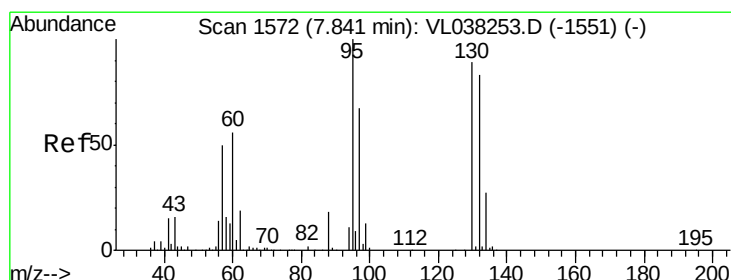
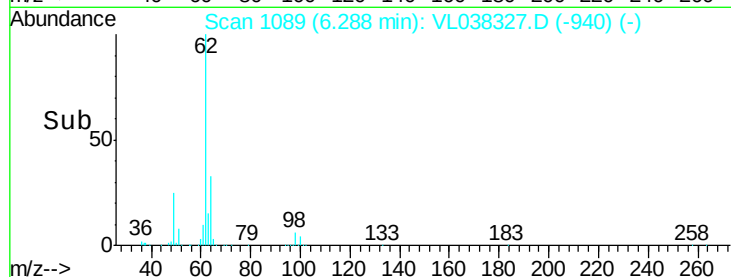
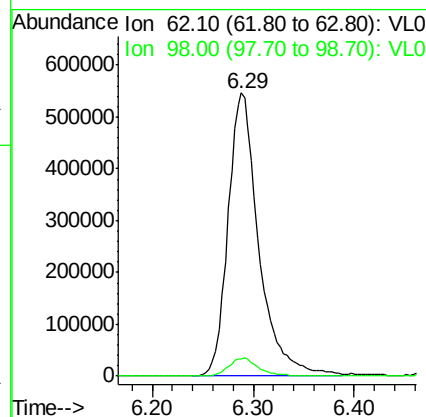
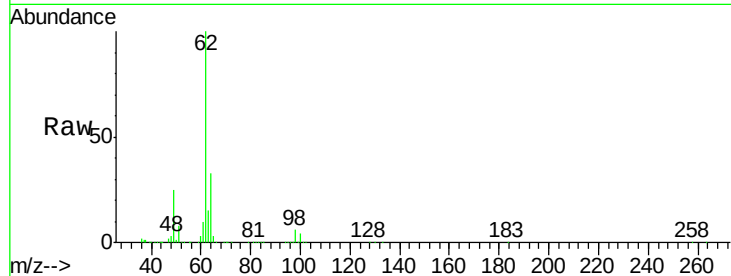
98 6.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#38

Trichloroethene

Concen: 9.010 ppbv

RT: 7.82 min Scan# 1564

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

Tgt Ion:130 Resp: 778139

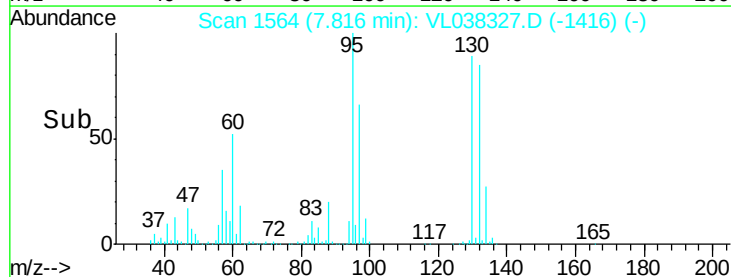
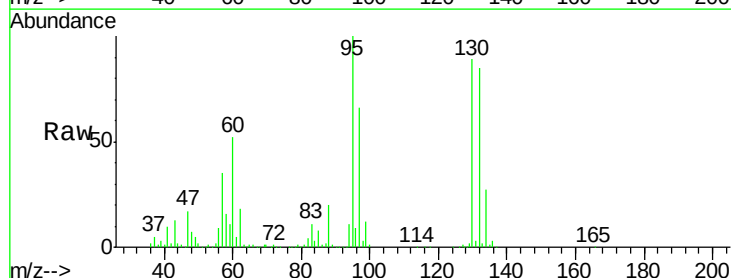
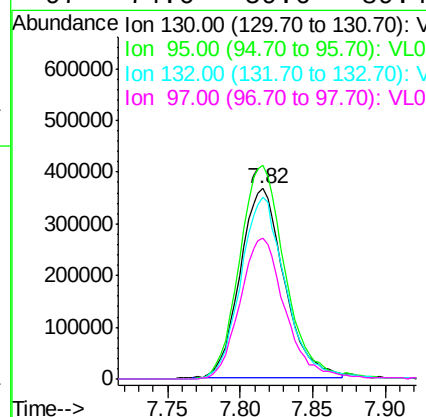
Ion Ratio Lower Upper

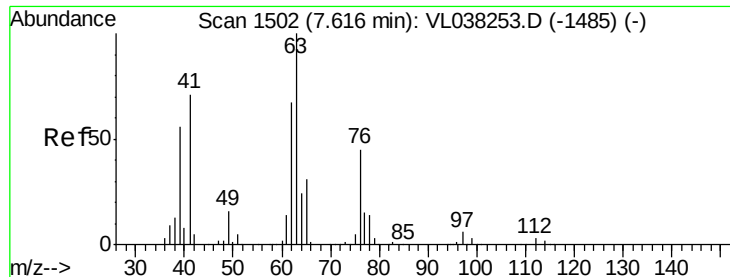
130 100

95 112.7 89.4 134.2

132 96.2 74.6 111.8

97 74.6 59.6 89.4



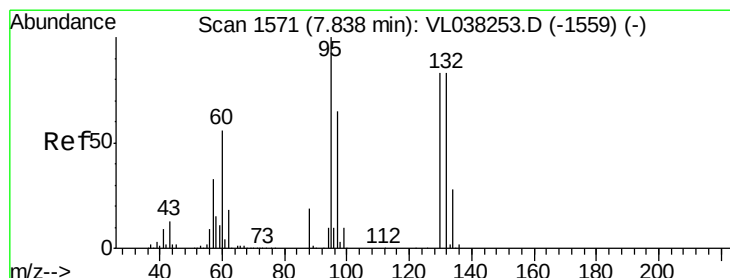
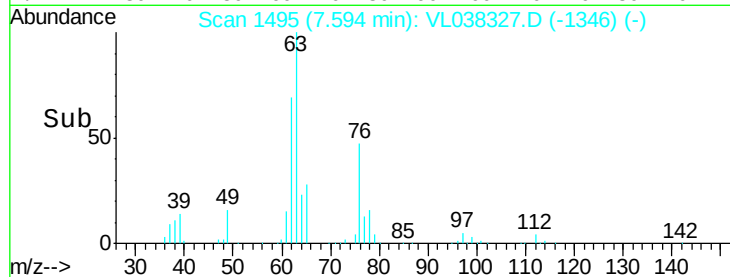
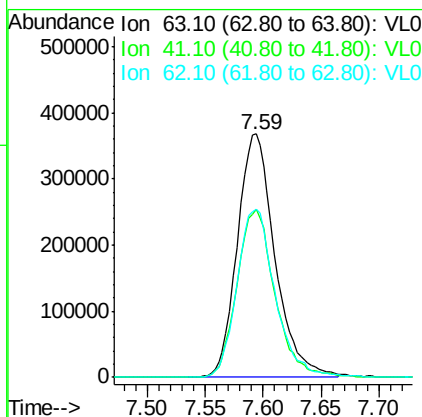
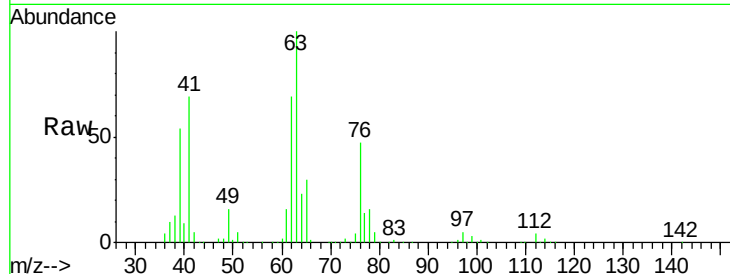


#39
 1,2-Dichloropropane
 Concen: 8.797 ppbv
 RT: 7.59 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Feb 2022 9:20

Tgt Ion:
 Ion Ratio
 63 100
 41 68.
 62 69.

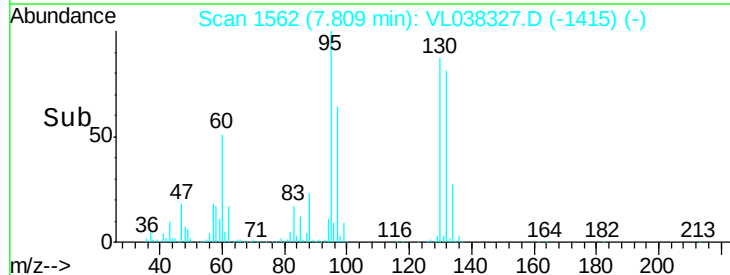
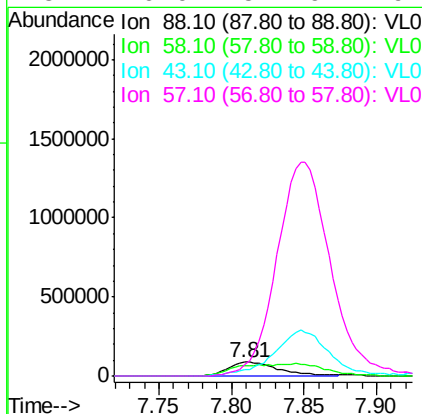
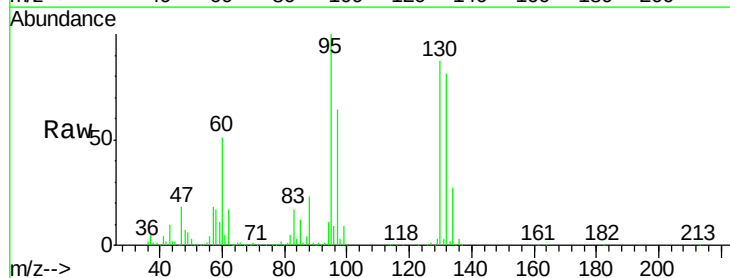
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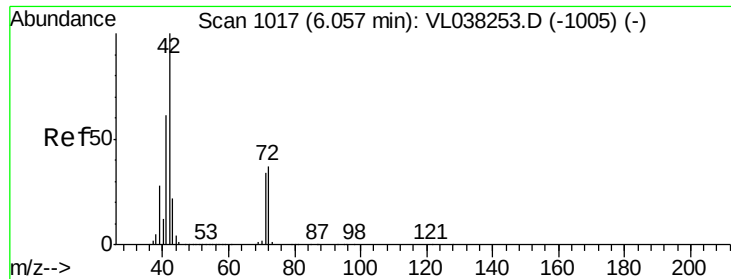
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#40
 1,4-Dioxane
 Concen: 9.303 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T.: -0.03 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 88 Resp: 210477
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#



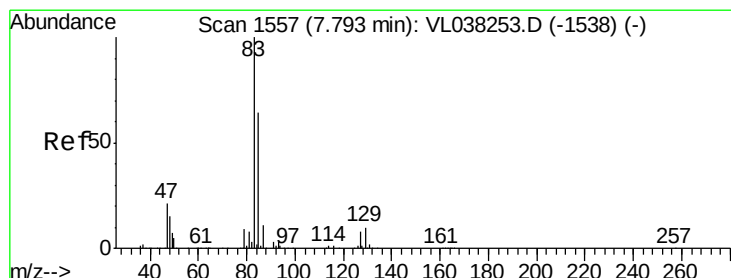
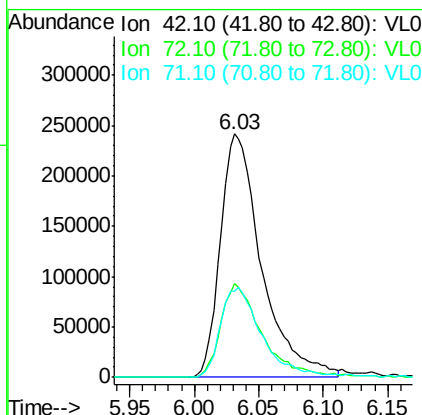
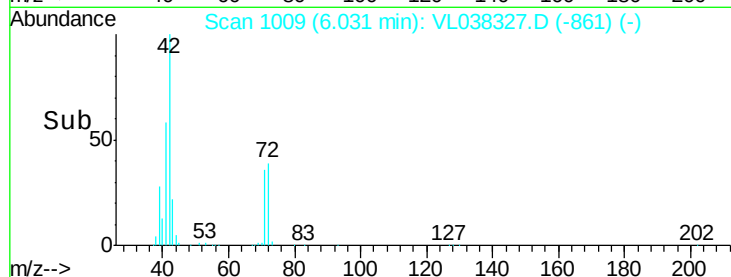
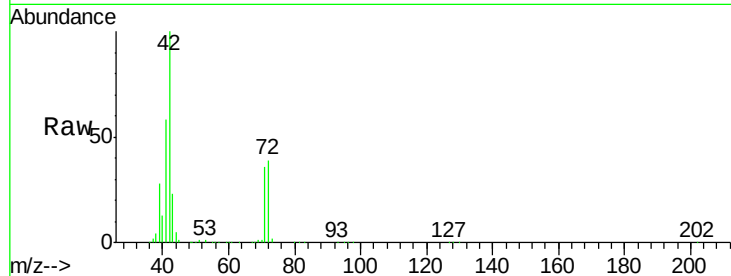


#41
Tetrahydrofuran
Concen: 9.277 ppbv
RT: 6.03
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
42 100
72 39.
71 38.

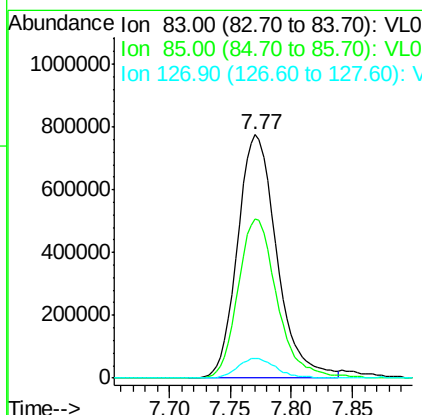
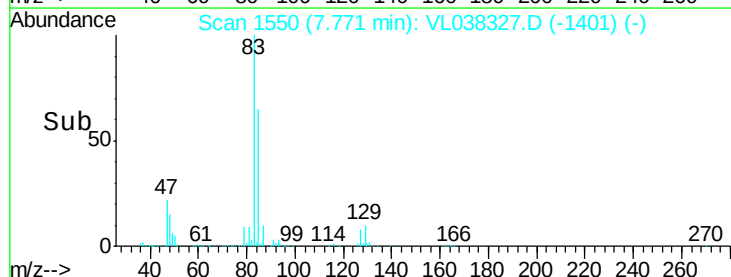
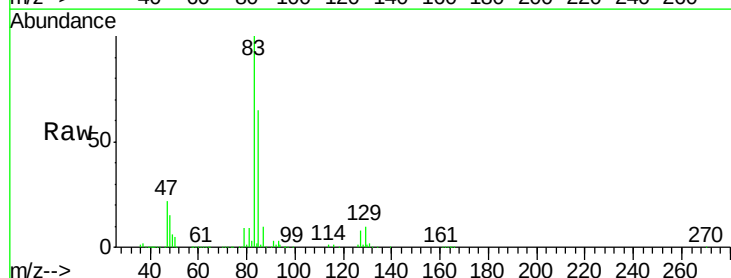
Manual Integrations
APPROVED

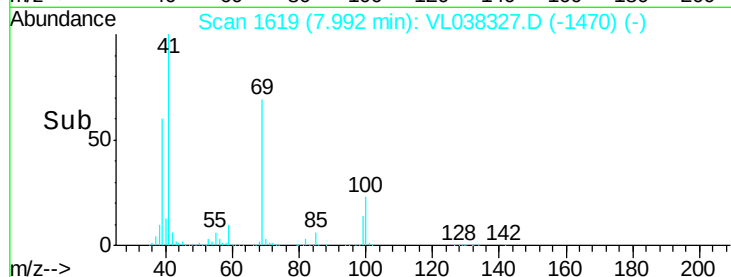
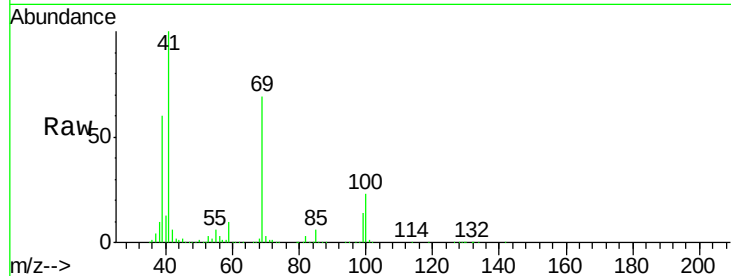
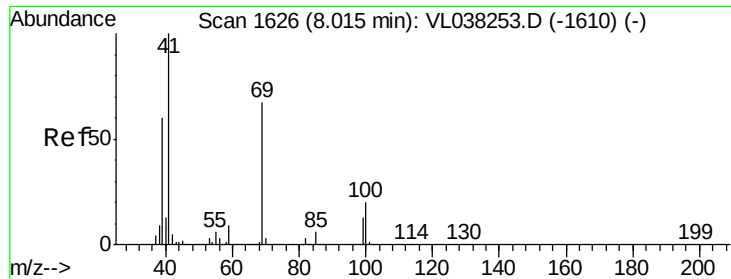
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#42
Bromodichloromethane
Concen: 8.754 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 83 Resp: 1724838
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3
127 8.0 6.2 9.4





#43

Methyl Methacrylate

Concen: 9.786 ppbv

RT: 7.99

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

69 100

41 146.

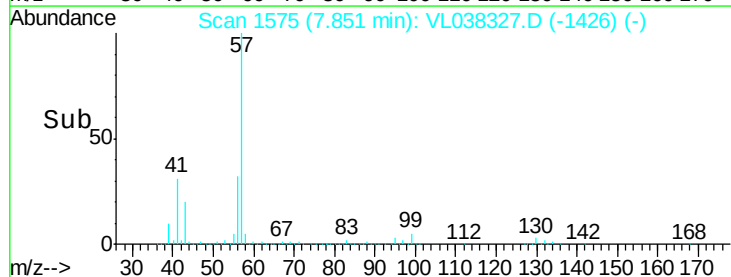
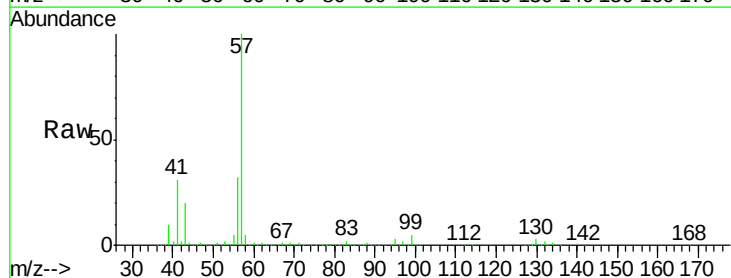
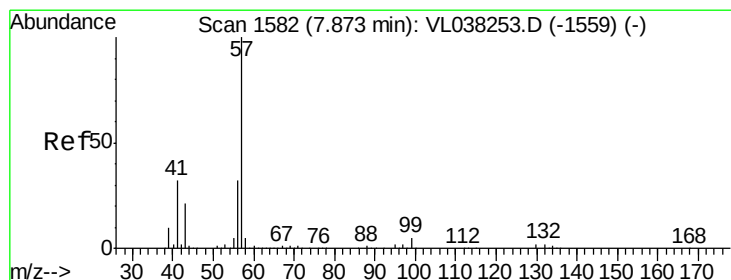
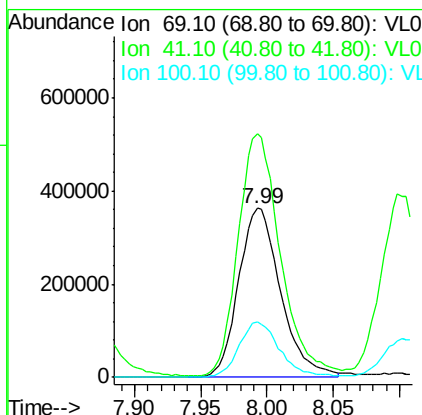
100 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#44

2,2,4-Trimethylpentane

Concen: 8.559 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. -0.02 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

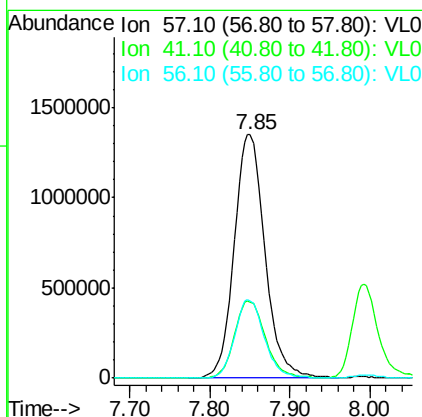
Tgt Ion: 57 Resp: 3497313

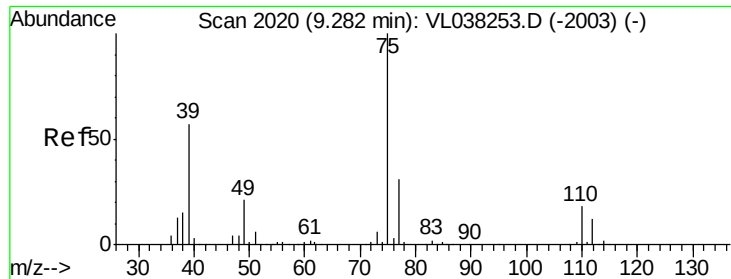
Ion Ratio Lower Upper

57 100

41 31.9 26.3 39.5

56 31.3 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 10.779 ppbv

RT: 9.25 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20 VSTDCCC010

Tgt Ion:

Ion Ratio

75 100

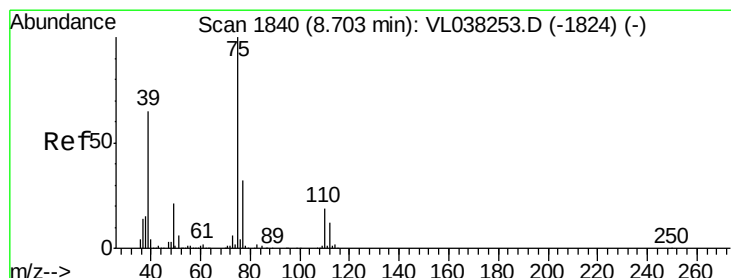
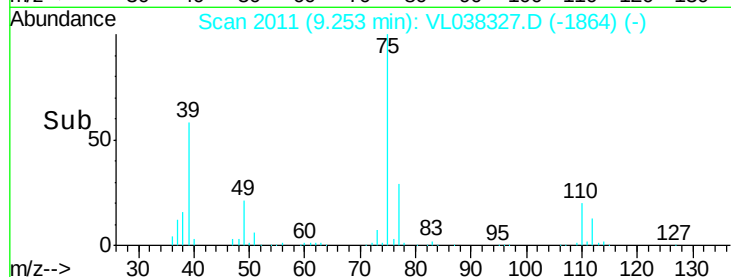
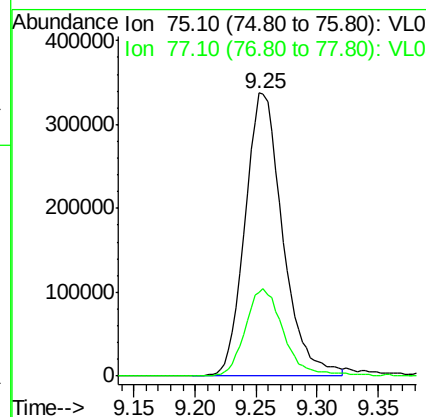
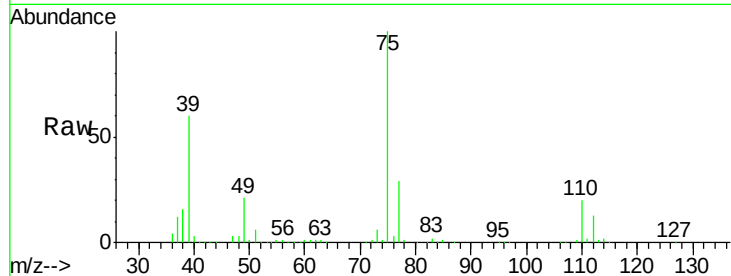
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#46

cis-1,3-Dichloropropene

Concen: 10.140 ppbv

RT: 8.68 min Scan# 1833

Delta R.T. -0.02 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

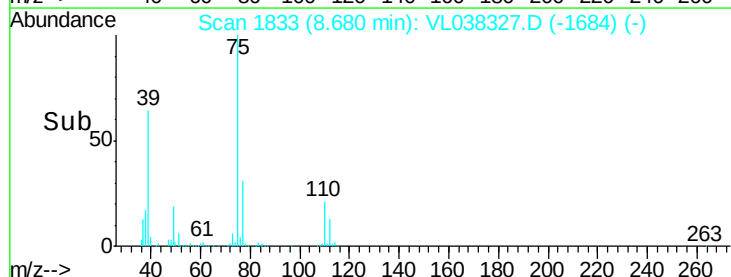
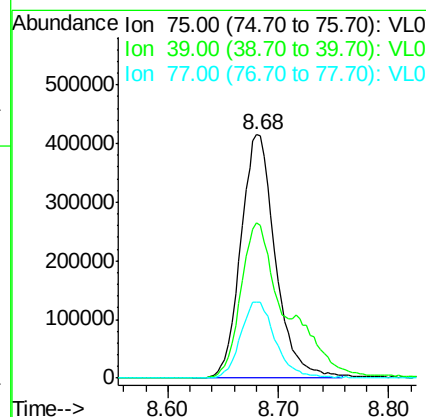
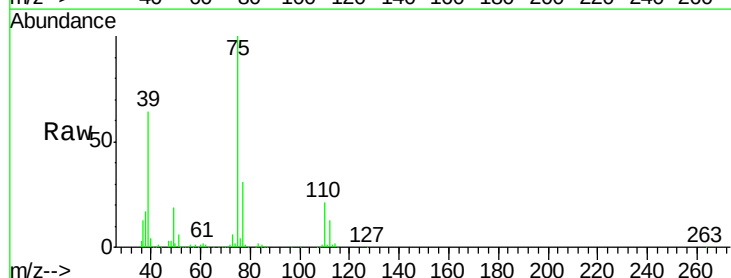
Tgt Ion: 75 Resp: 901418

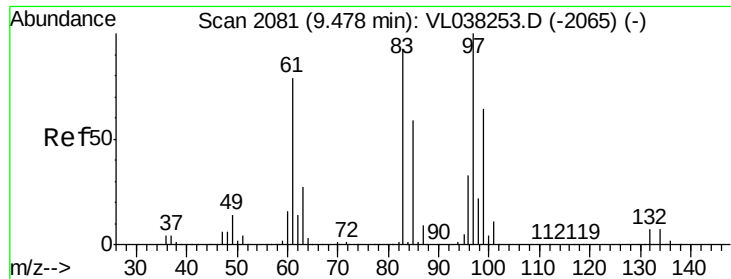
Ion Ratio Lower Upper

75 100

39 63.8 52.3 78.5

77 31.1 25.4 38.0



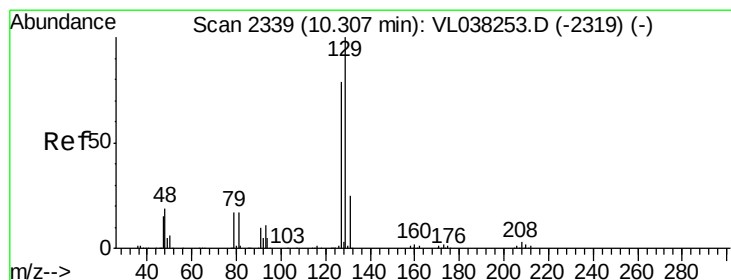
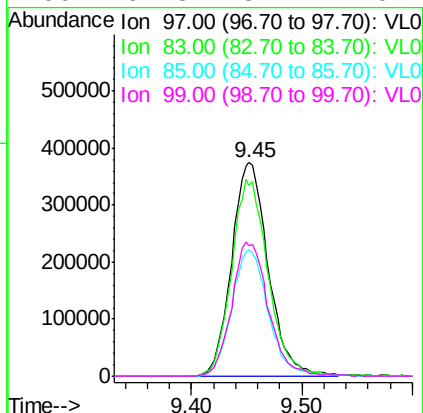
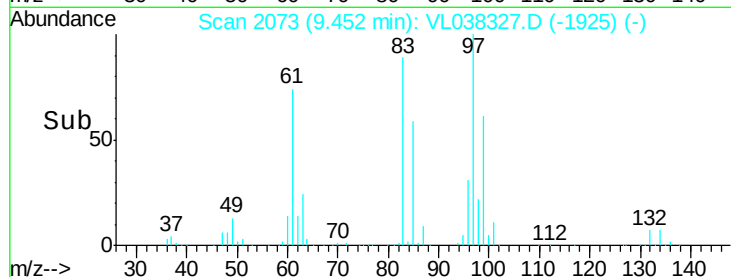
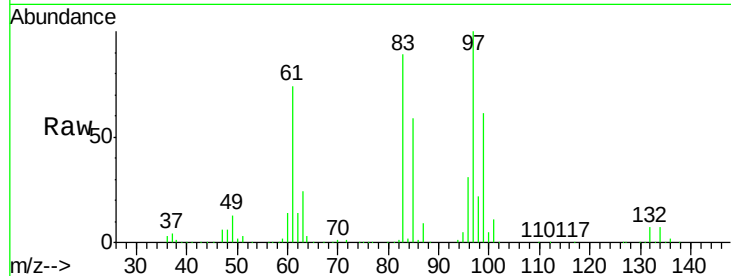


#47
1,1,2-Trichloroethane
Concen: 9.324 ppbv
RT: 9.45 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
97 100
83 89.1
85 59.1
99 61.3 51.1 76.7

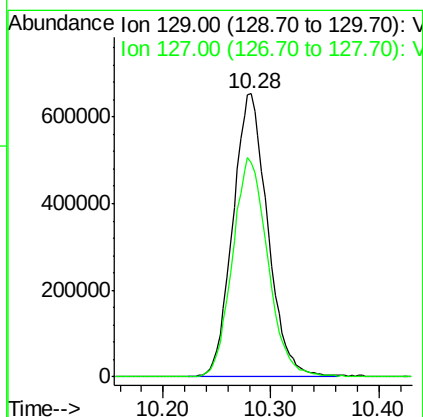
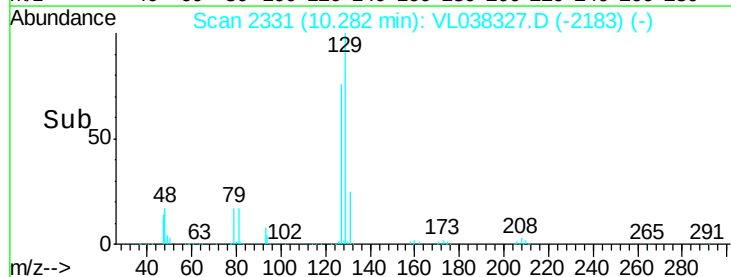
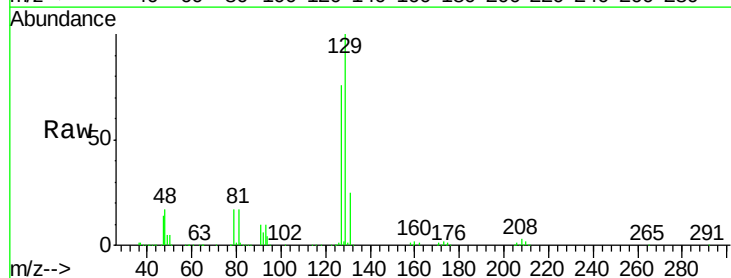
Manual Integrations
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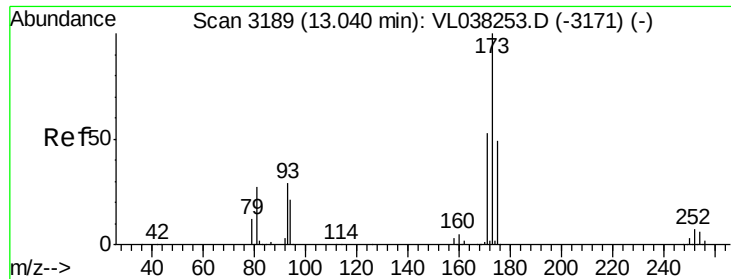
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#48
Dibromochloromethane
Concen: 9.466 ppbv
RT: 10.28 min Scan# 2331
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion:129 Resp: 1471983
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3



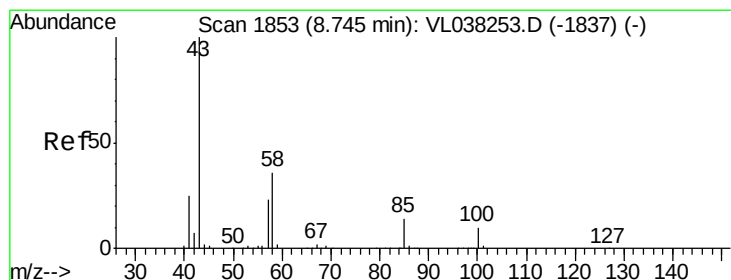
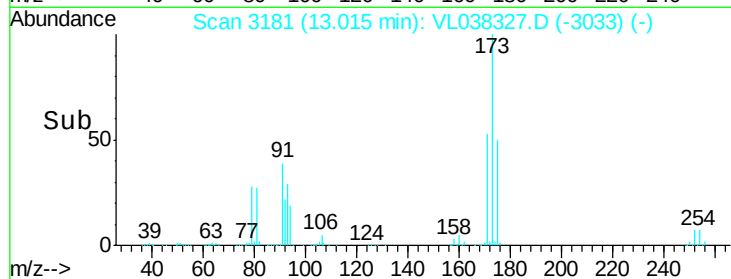
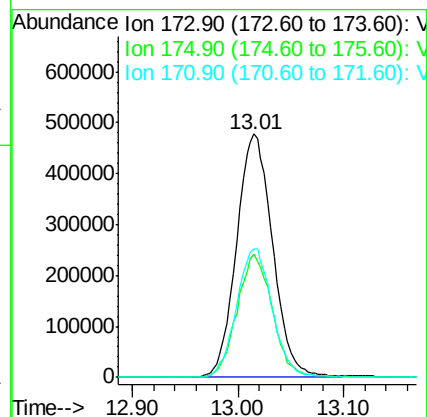
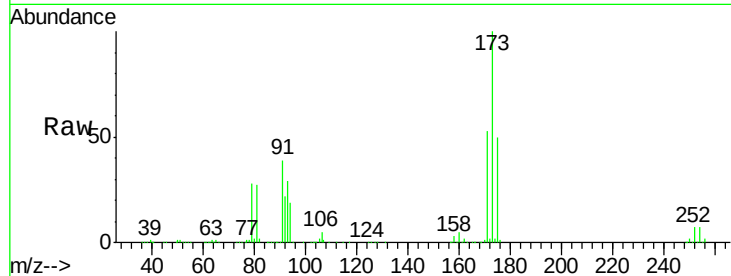


#49
Bromoform
Concen: 10.128 ppbv
RT: 13.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 3 Feb 2022 9:20

Tgt Ion:1
Ion Rati
173 100
175 49.
171 52.

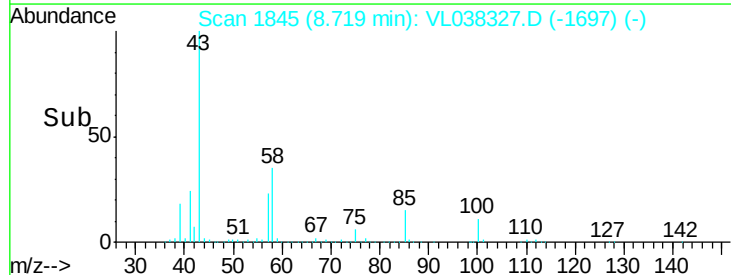
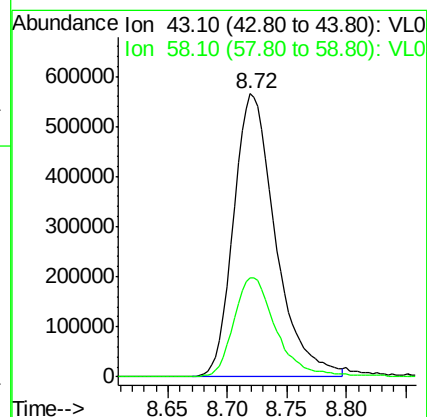
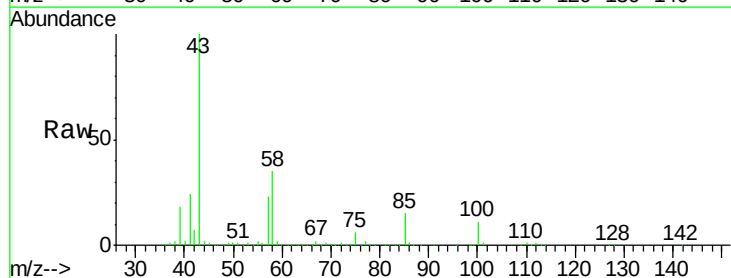
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APPROVED

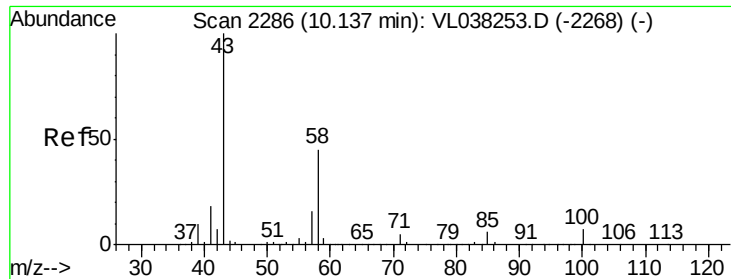
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#50
4-Methyl-2-Pentanone
Concen: 9.023 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 43 Resp: 1379688
Ion Ratio Lower Upper
43 100
58 35.9 28.2 42.4





#51

2-Hexanone

Concen: 9.511 ppbv

RT: 10.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20

Tgt Ion:

Ion Ratio

43 100

58 49.

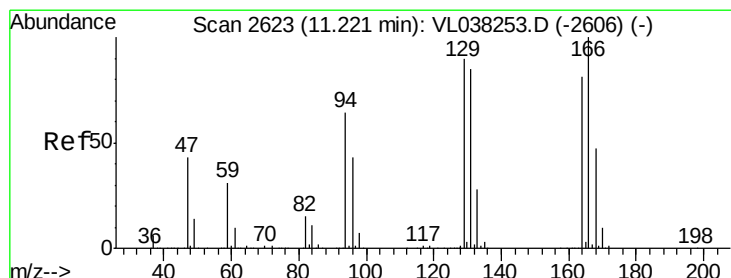
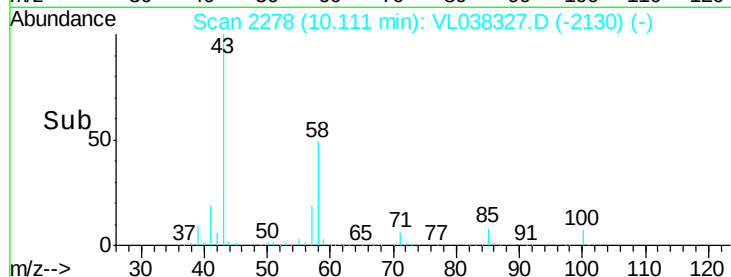
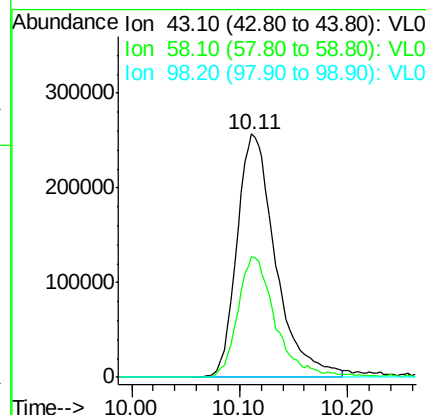
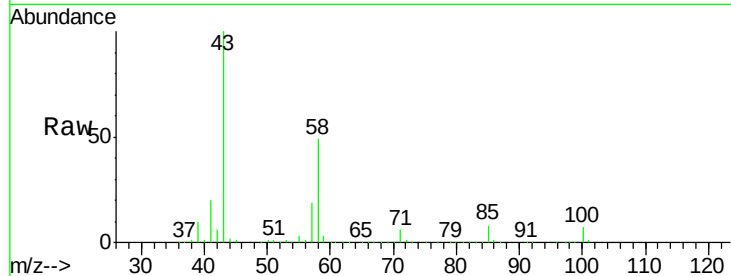
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#52

Tetrachloroethene

Concen: 9.185 ppbv

RT: 11.19 min Scan# 2615

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

Tgt Ion:164 Resp: 733923

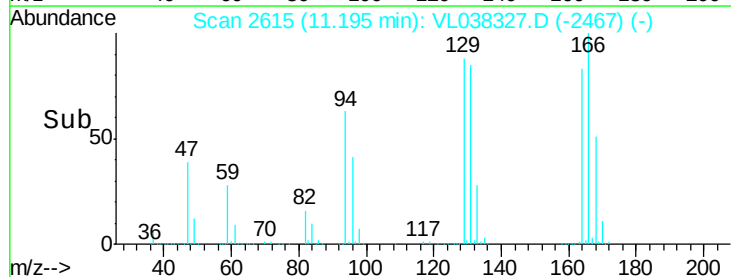
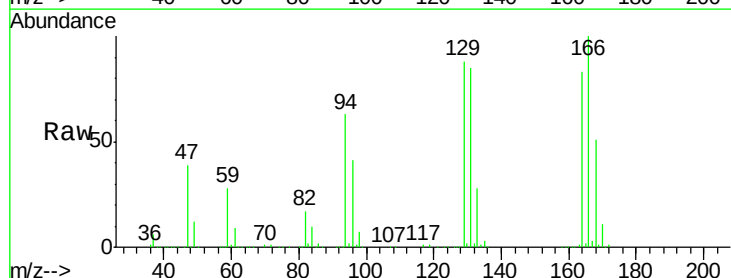
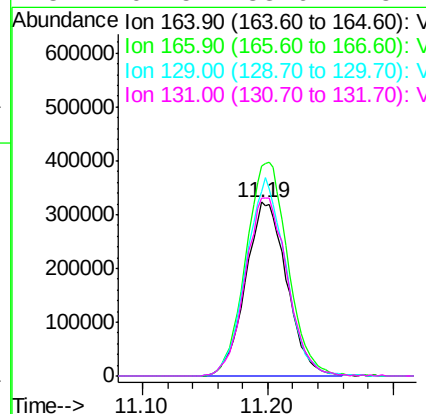
Ion Ratio Lower Upper

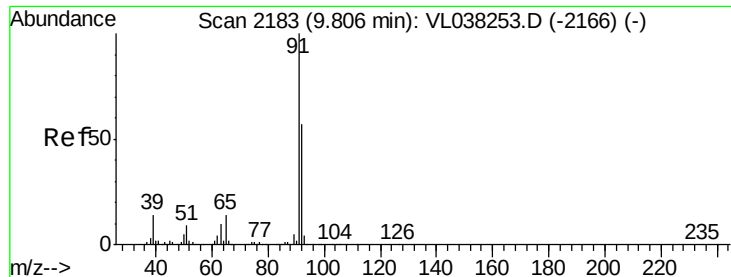
164 100

166 120.9 98.8 148.2

129 106.4 89.2 133.8

131 102.5 83.6 125.4



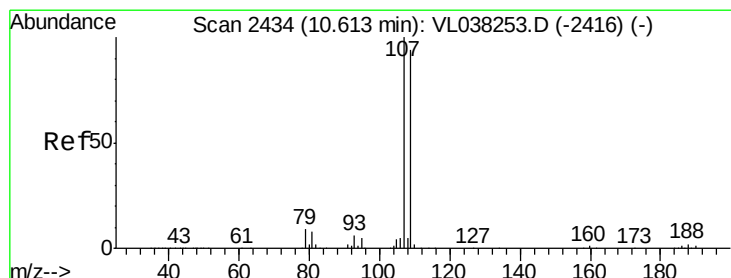
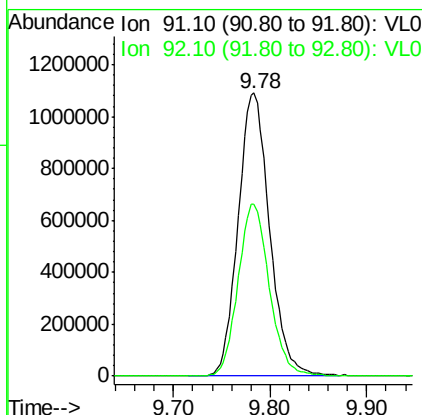
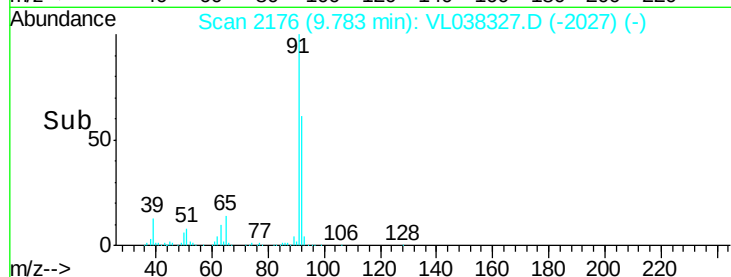
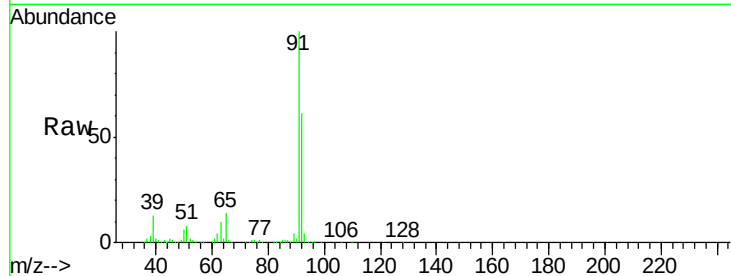


#53
Toluene
Concen: 9.624 ppbv
RT: 9.78
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
91 100
92 60.

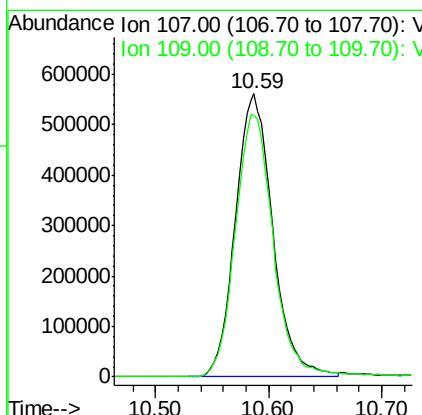
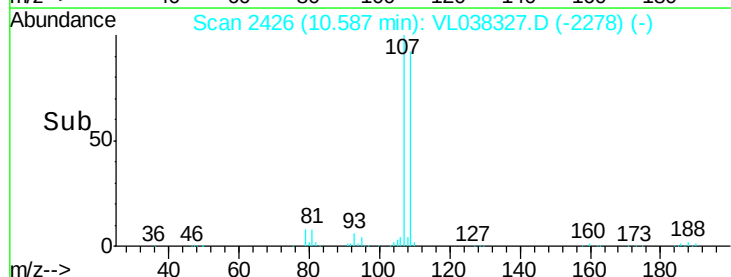
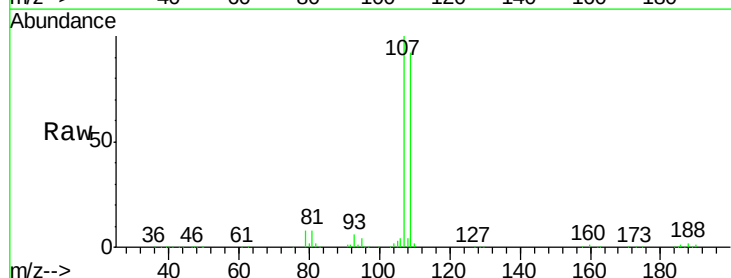
Manual Integrations
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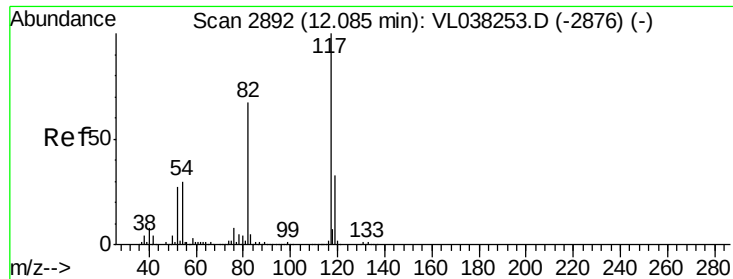
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#54
1,2-Dibromoethane
Concen: 9.818 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion:107 Resp: 1289243
Ion Ratio Lower Upper
107 100
109 92.3 75.4 113.0



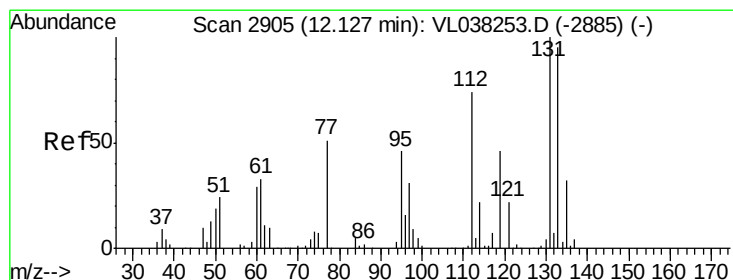
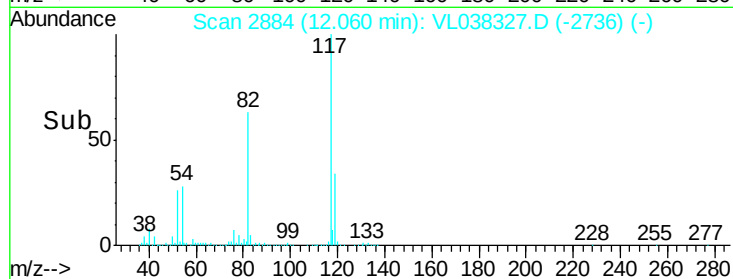
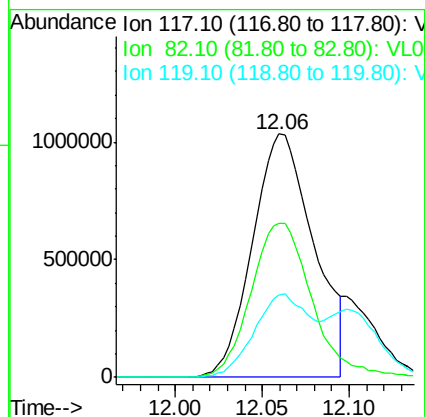
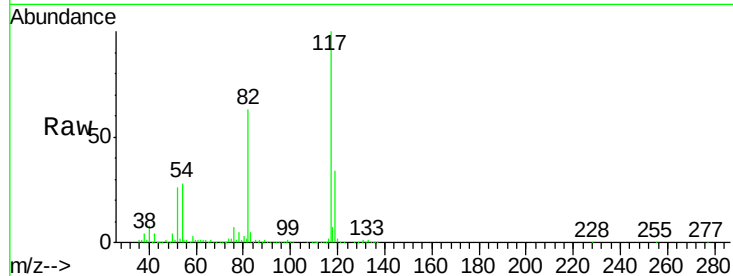


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010
Acq: 3 Feb 2022 9:20

Tgt Ion:1
Ion Rati
117 100
82 63.
119 55.

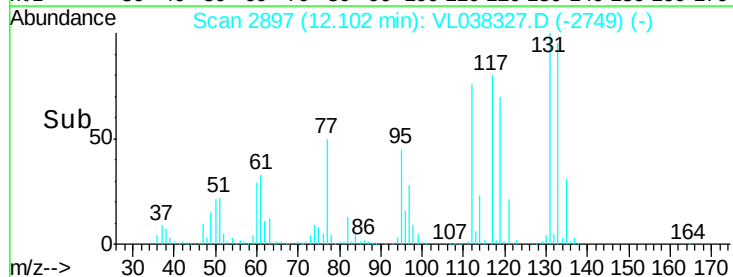
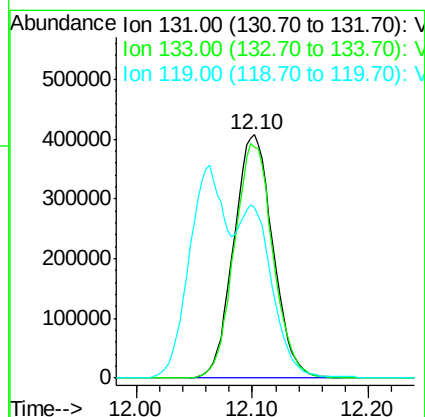
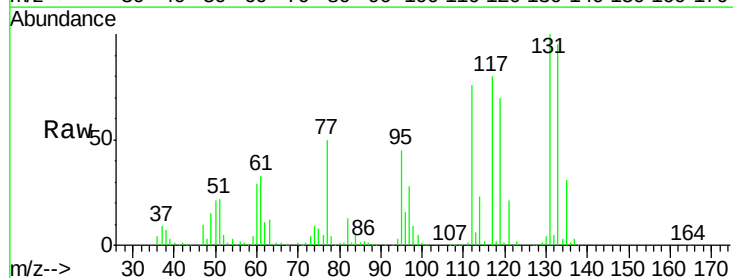
Manual Integrations
APPROVED

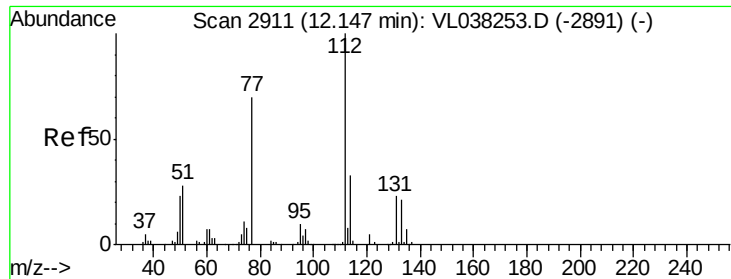
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 8.566 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion:131 Resp: 953657
Ion Ratio Lower Upper
131 100
133 95.3 76.0 114.0
119 59.7 53.0 79.4





#57

Chlorobenzene

Concen: 8.870 ppbv

RT: 12.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20

Tgt Ion:1

Ion Ratio

112 100

77 66.

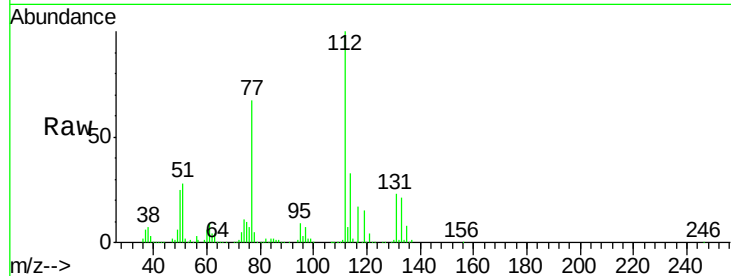
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

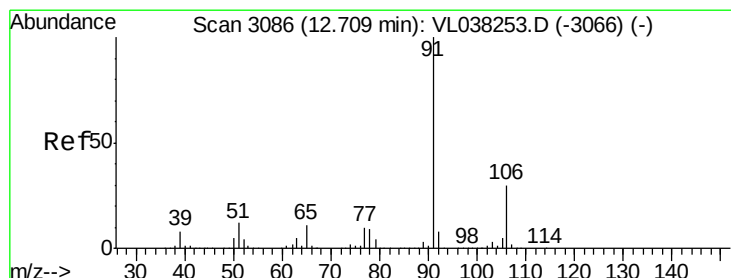
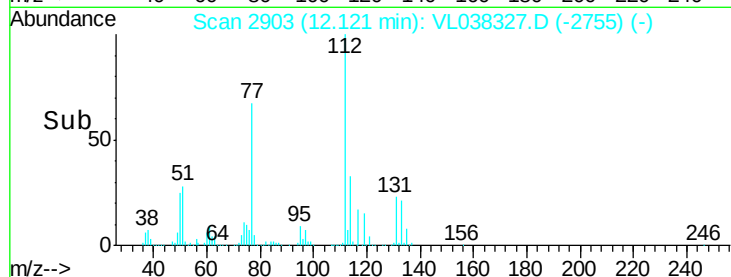
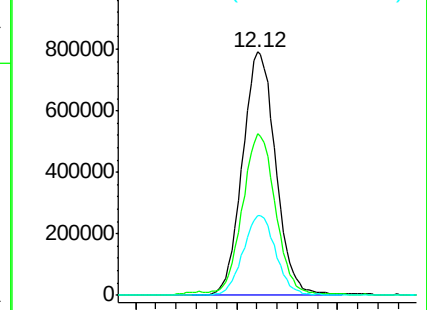
Supervised By :Mahesh Dadoda 02/04/2022



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.731 ppbv

RT: 12.68 min Scan# 3078

Delta R.T. -0.03 min

Lab File: VL038327.D

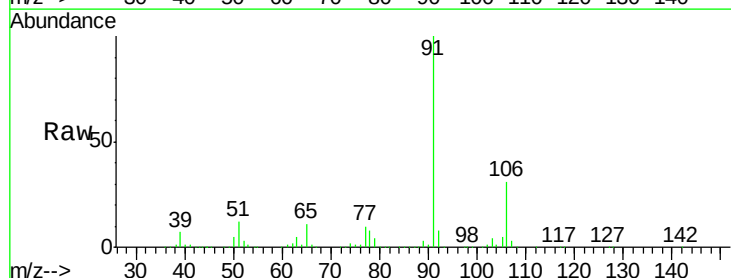
Acq: 3 Feb 2022 9:20

Tgt Ion: 91 Resp: 3263833

Ion Ratio Lower Upper

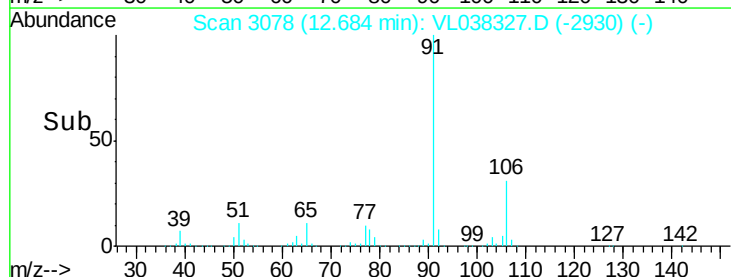
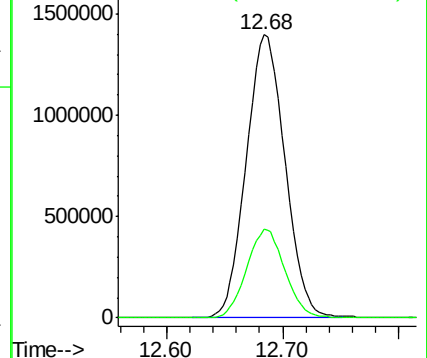
91 100

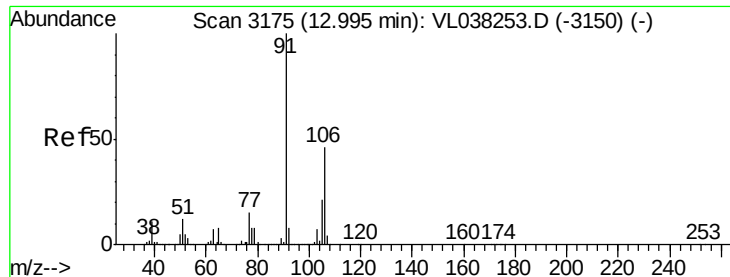
106 31.2 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



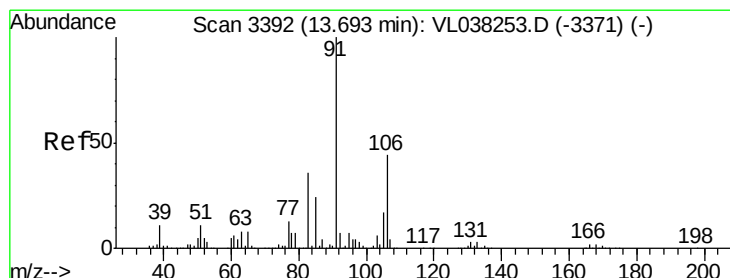
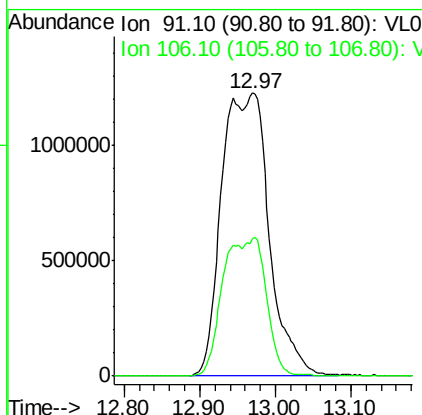
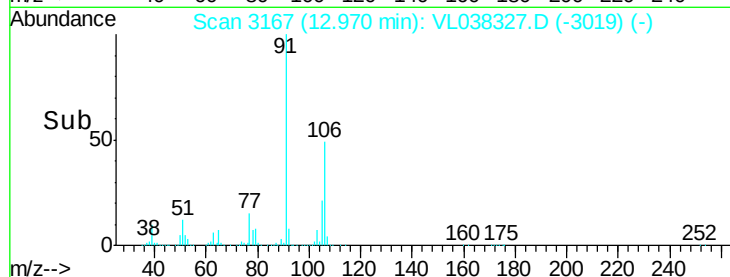
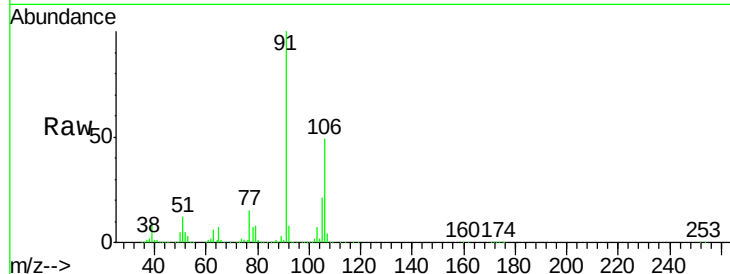


#59
m/p-Xylene
Concen: 16.778 ppbv m
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

Tgt Ion:
Ion Ratio
91 100
106 44.

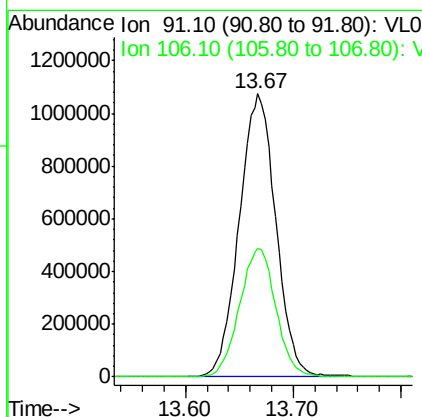
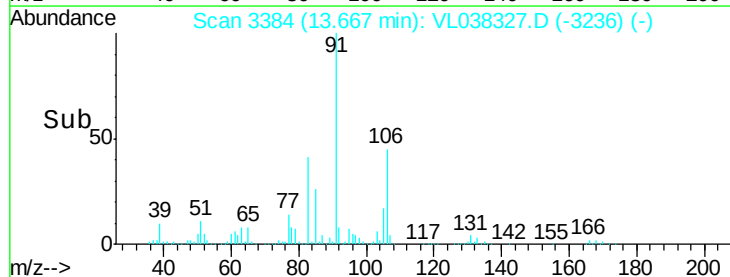
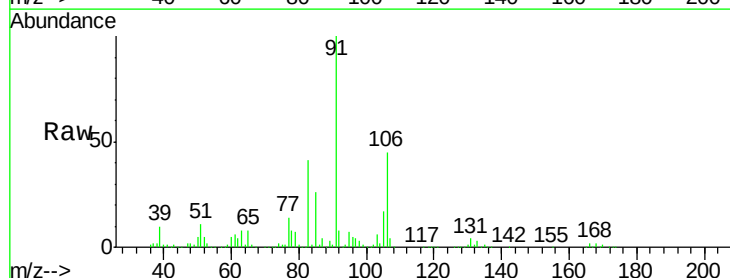
Manual Integrations
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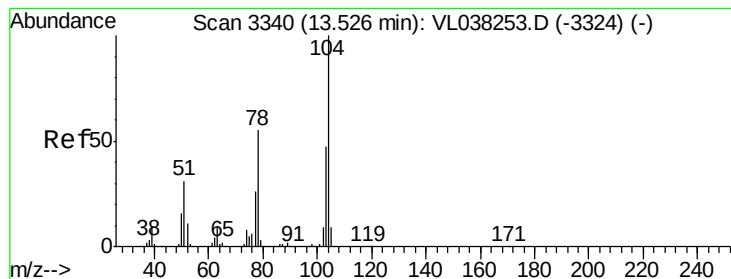
Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022



#60
o-Xylene
Concen: 8.521 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion: 91 Resp: 2527624
Ion Ratio Lower Upper
91 100
106 45.3 22.2 66.6





#61

Styrene

Concen: 10.002 ppbv

RT: 13.50

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Feb 2022 9:20

Tgt Ion:1

Ion Ratio

104 100

78 51.

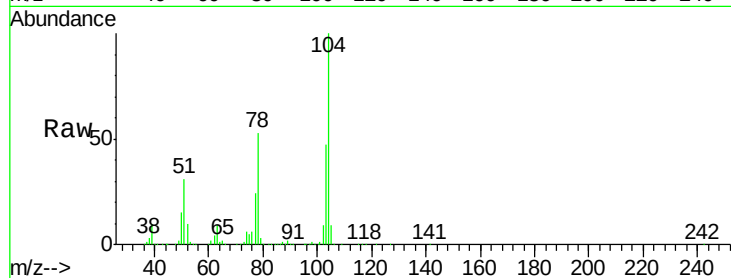
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

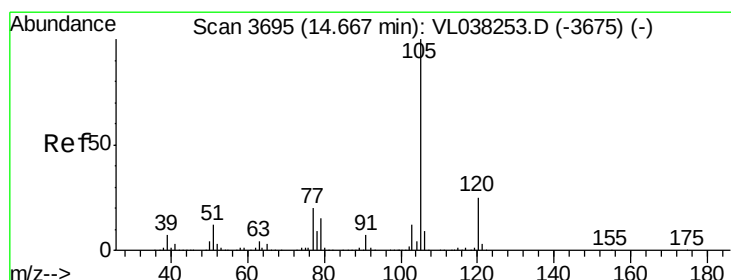
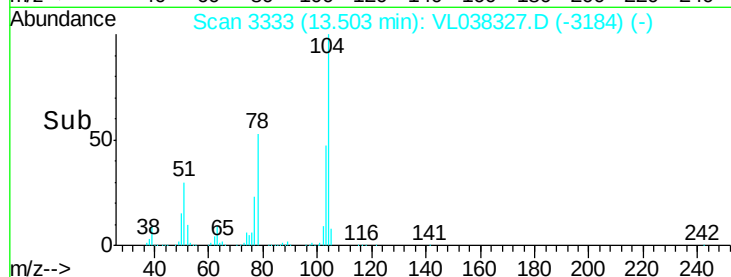
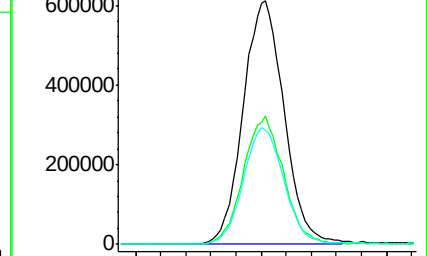
Supervised By :Mahesh Dadoda 02/04/2022



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: 8.704 ppbv

RT: 14.64 min Scan# 3687

Delta R.T. -0.03 min

Lab File: VL038327.D

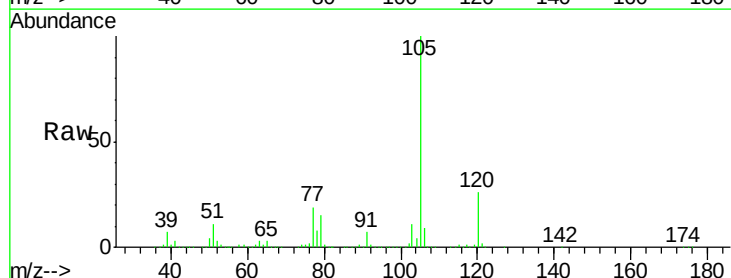
Acq: 3 Feb 2022 9:20

Tgt Ion:105 Resp: 3442226

Ion Ratio Lower Upper

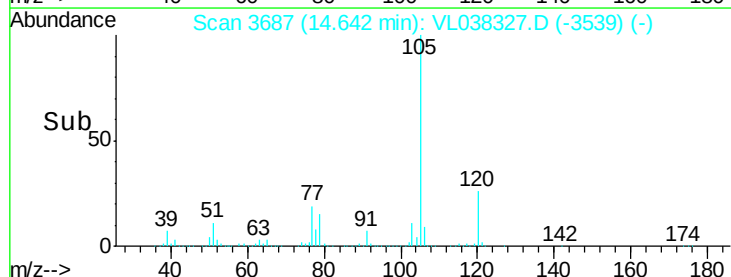
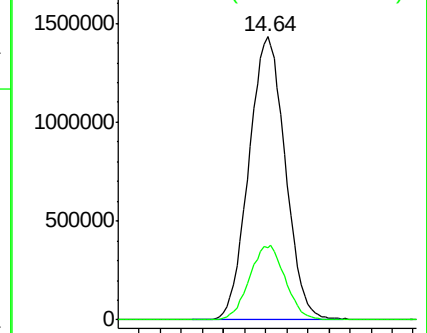
105 100

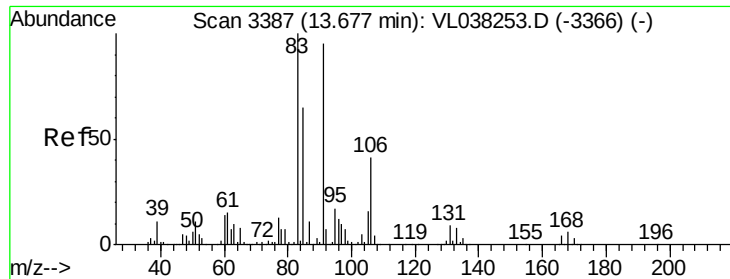
120 26.1 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



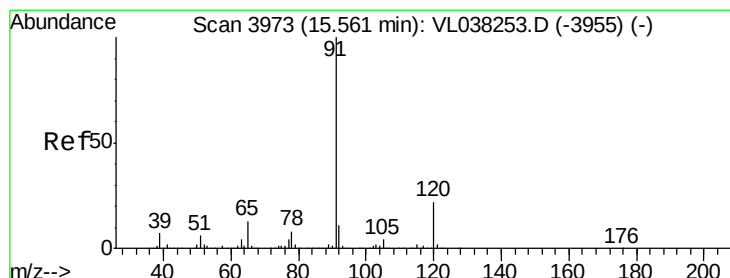
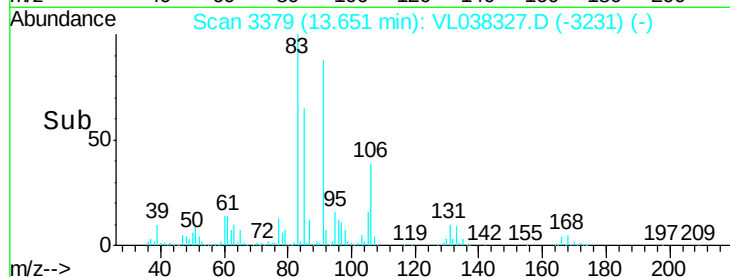
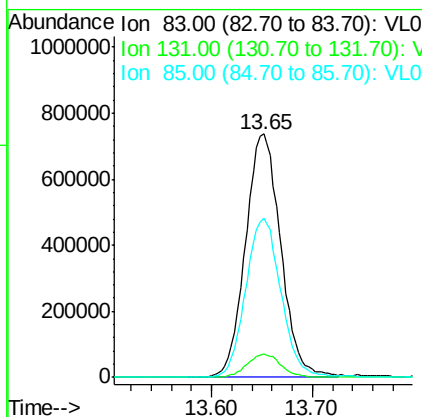
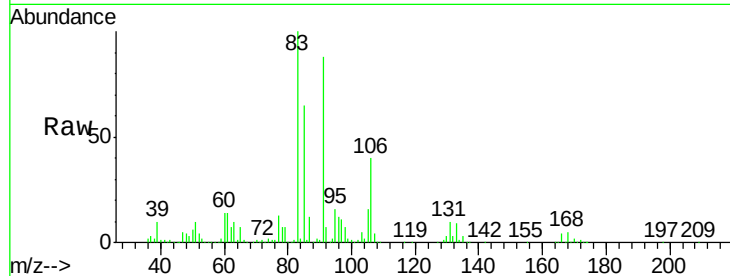


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.128 ppbv
 RT: 13.65 min
 Delta R.T.: 0.03 min
 Lab File: VSTDCCC010
 Acq: 3 Feb 2022 9:20

Manual Integrations
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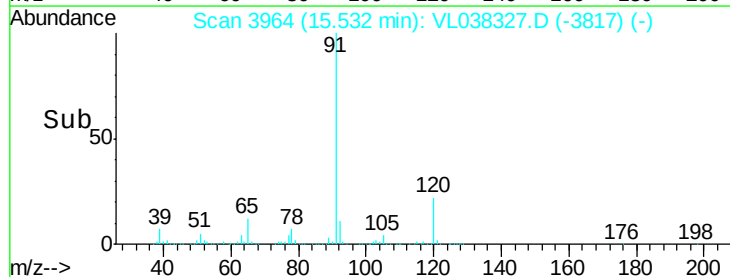
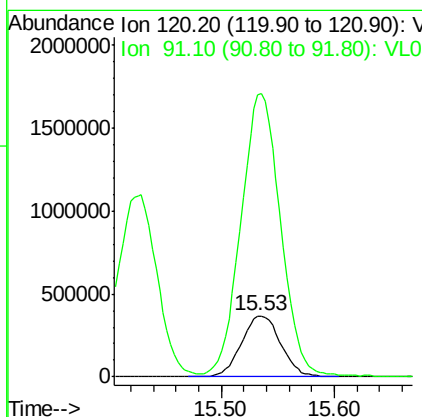
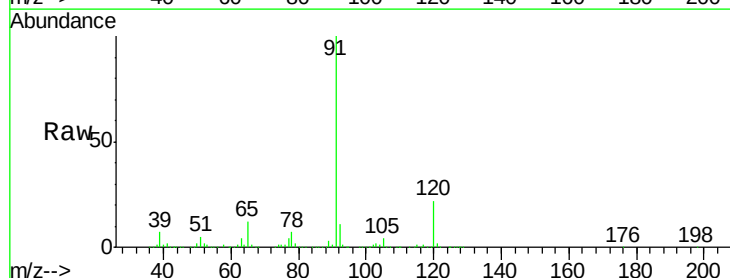
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022

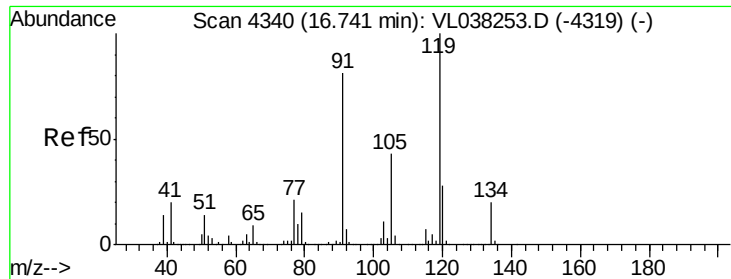
Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.



#64
 n-propylbenzene
 Concen: 9.385 ppbv
 RT: 15.53 min Scan# 3964
 Delta R.T.: -0.03 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion:120 Resp: 892857
 Ion Ratio Lower Upper
 120 100
 91 467.5 390.8 586.2



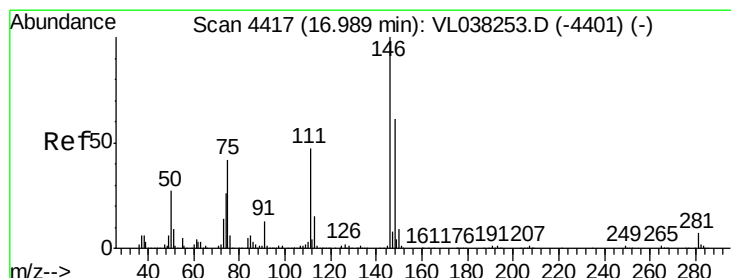
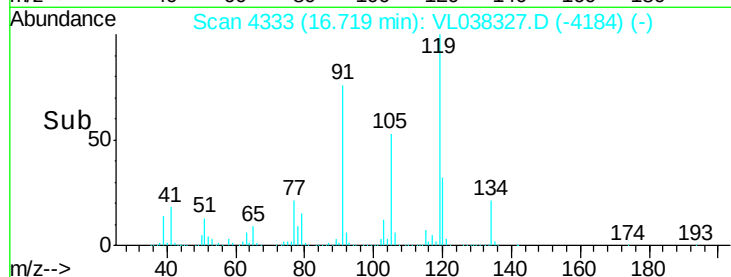
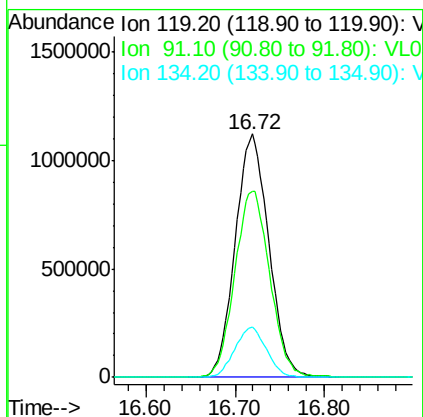
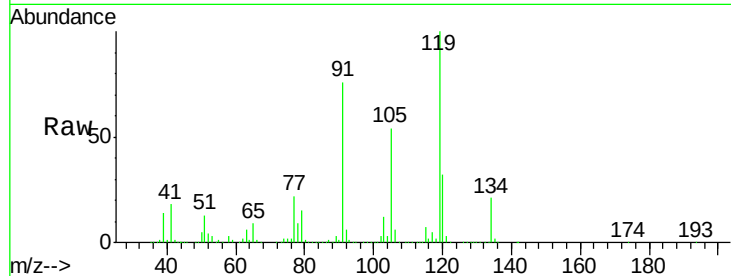


#65
 tert-Butylbenzene
 Concen: 9.006 ppbv
 RT: 16.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Feb 2022 9:20

Tgt Ion: 1
 Ion Ratio
 119 100
 91 79.
 134 19.

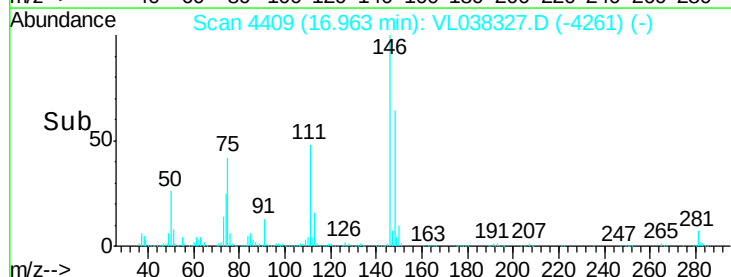
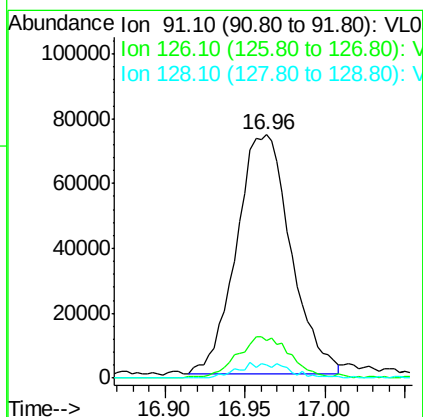
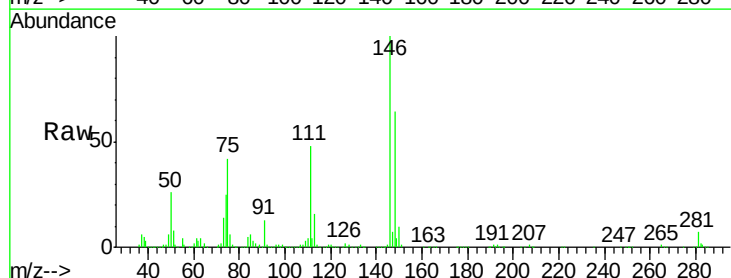
Manual Integrations
 APPROVED

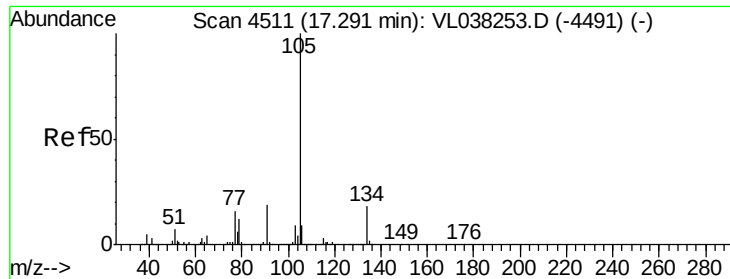
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#66
 Benzyl Chloride
 Concen: 11.566 ppbv
 RT: 16.96 min Scan# 4409
 Delta R.T. -0.03 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 91 Resp: 171134
 Ion Ratio Lower Upper
 91 100
 126 17.7 12.6 18.8
 128 6.1 4.3 6.5





#67

sec-Butylbenzene

Concen: 8.972 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20

Tgt Ion:1

Ion Ratio

105 100

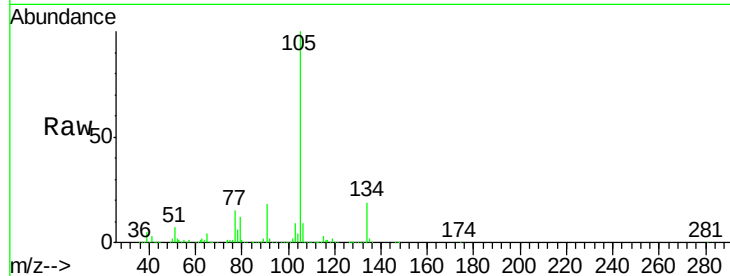
134 18.

Manual Integrations

APPROVED

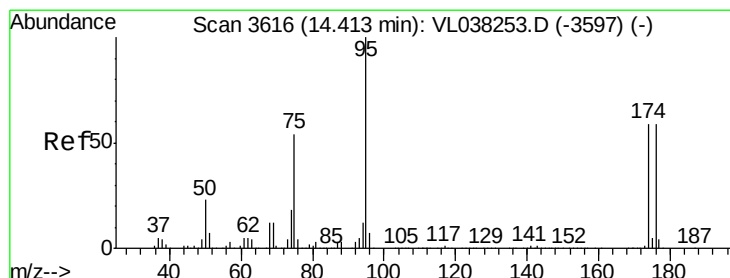
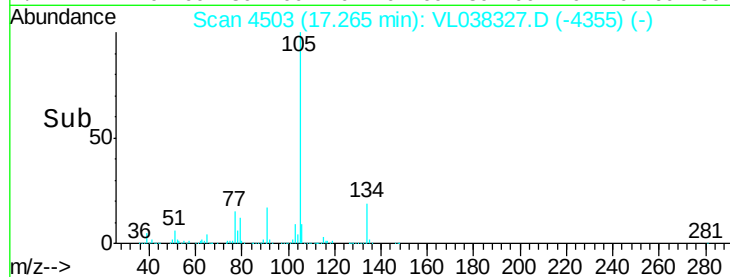
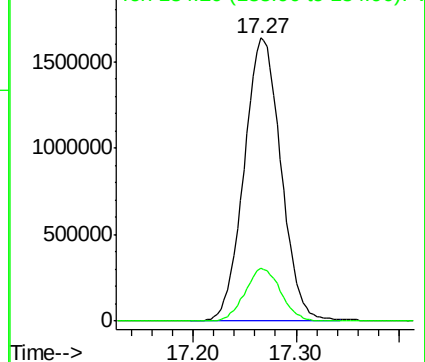
Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



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: 9.931 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

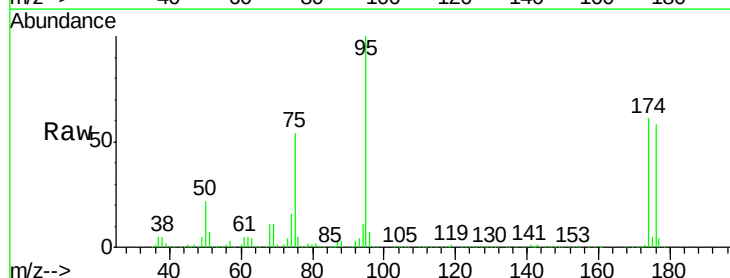
Tgt Ion: 95 Resp: 1917309

Ion Ratio Lower Upper

95 100

174 61.9 48.3 72.5

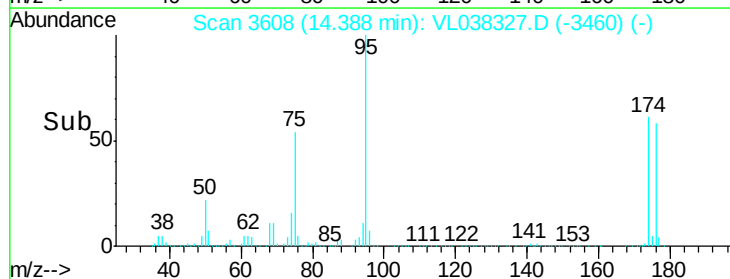
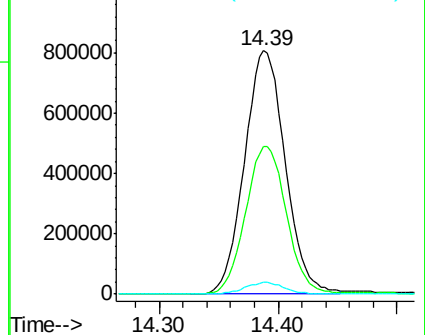
175 4.7 3.5 5.3

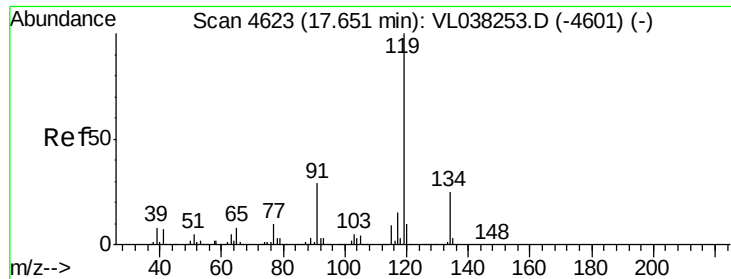


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



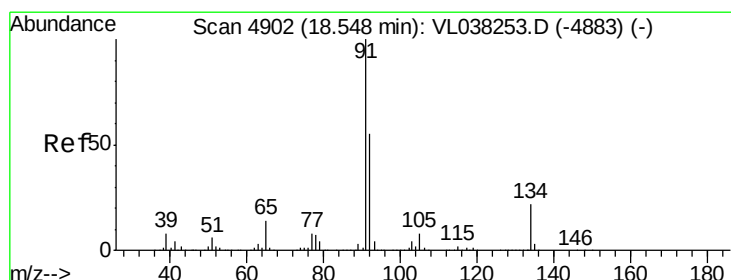
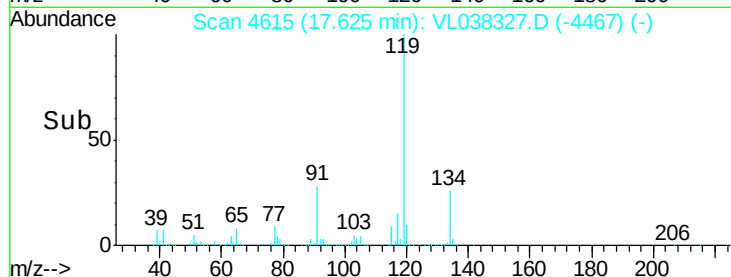
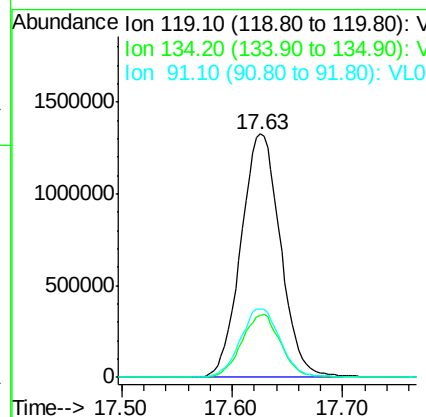
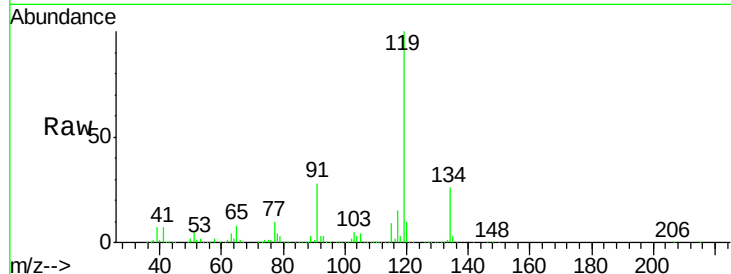


#69
 p-Isopropyltoluene
 Concen: 9.475 ppbv
 RT: 17.63 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 3 Feb 2022 9:20

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 25.
 91 28.

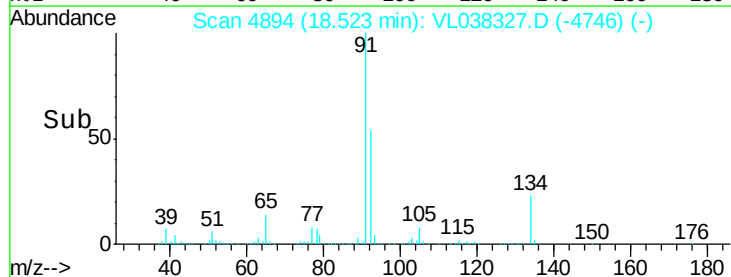
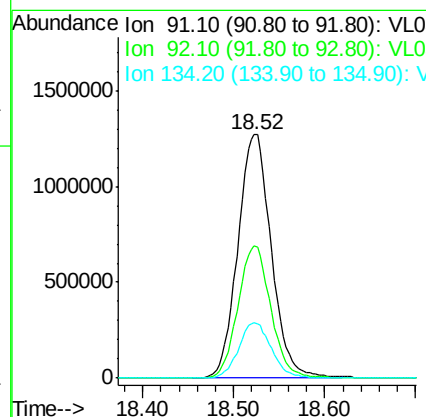
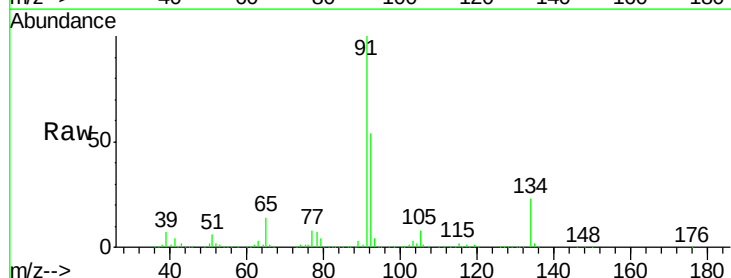
Manual Integrations
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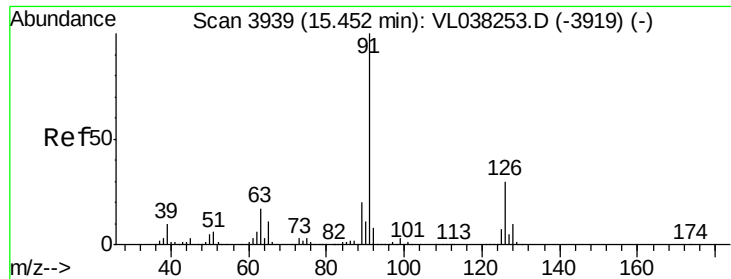
Reviewed By : Semsettin Yesilyurt 02/04/2022
 Supervised By : Mahesh Dadoda 02/04/2022



#70
 n-Butylbenzene
 Concen: 9.531 ppbv
 RT: 18.52 min Scan# 4894
 Delta R.T.: -0.03 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion: 91 Resp: 3236750
 Ion Ratio Lower Upper
 91 100
 92 53.5 43.4 65.0
 134 22.5 17.3 25.9



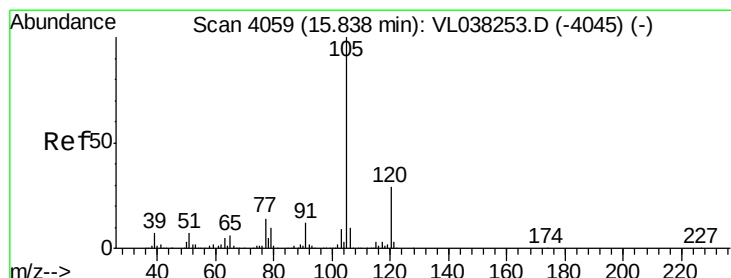
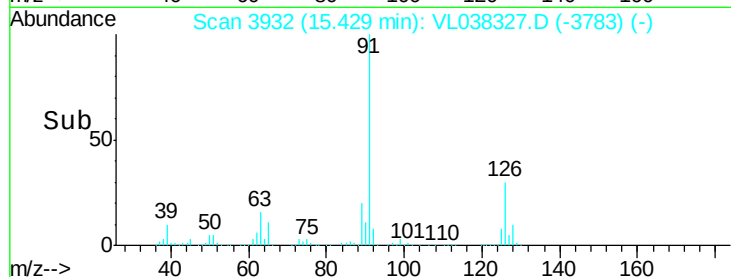
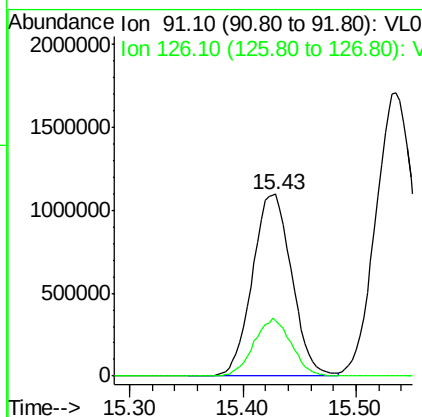
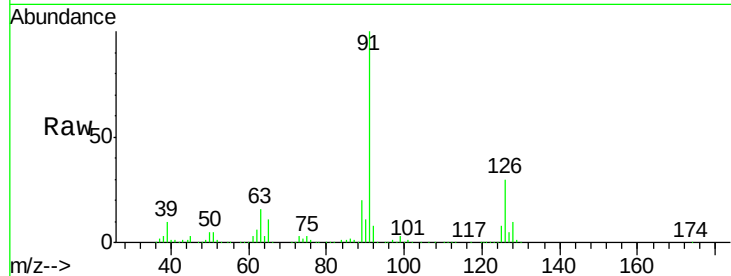


#71
 2-Chlorotoluene
 Concen: 9.032 ppbv
 RT: 15.43 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 3 Feb 2022 9:20

Tgt Ion:
 Ion Ratio
 91 100
 126 30.

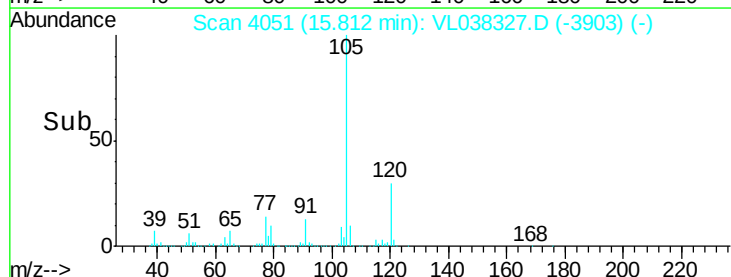
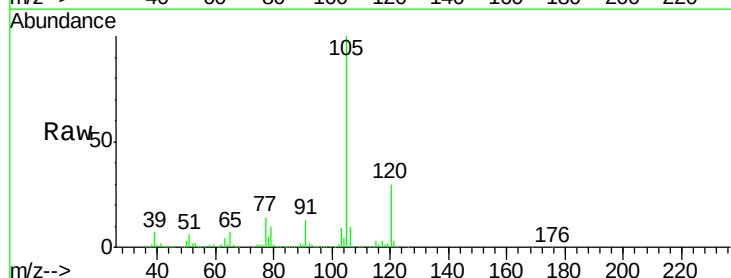
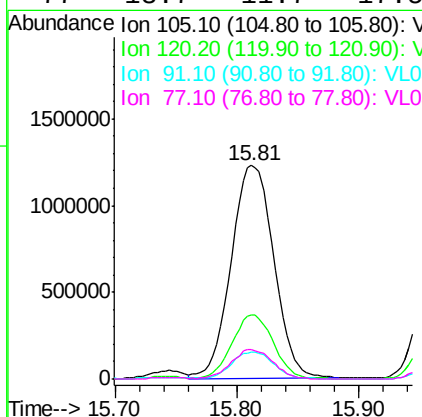
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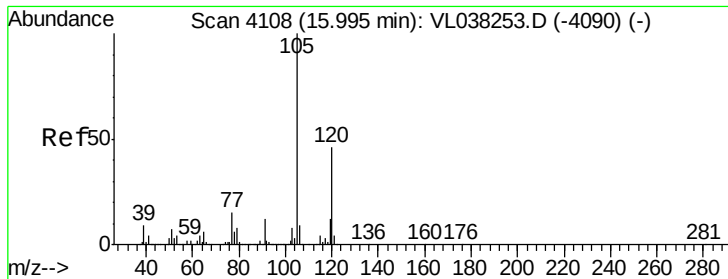
Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022



#72
 4-Ethyltoluene
 Concen: 9.537 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.03 min
 Lab File: VL038327.D
 Acq: 3 Feb 2022 9:20

Tgt Ion:105 Resp: 2958545
 Ion Ratio Lower Upper
 105 100
 120 29.6 23.8 35.8
 91 12.6 10.2 15.4
 77 13.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.362 ppbv

RT: 15.97 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20

Tgt Ion:1

Ion Ratio

105 100

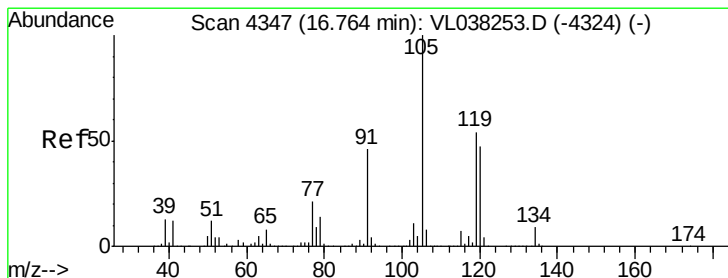
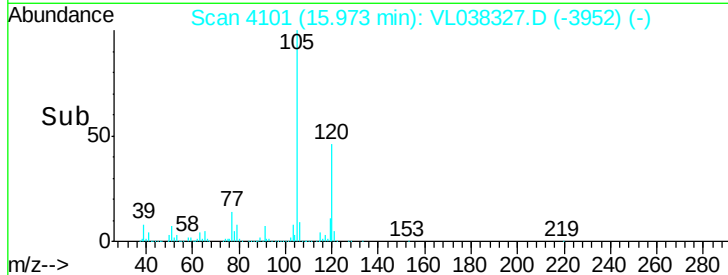
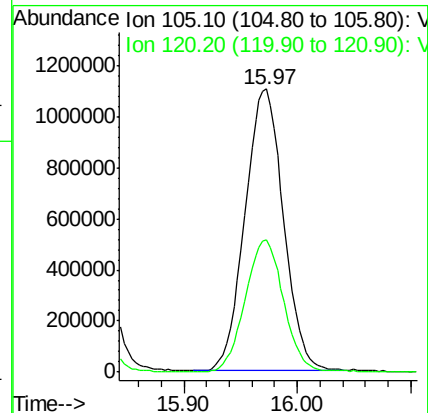
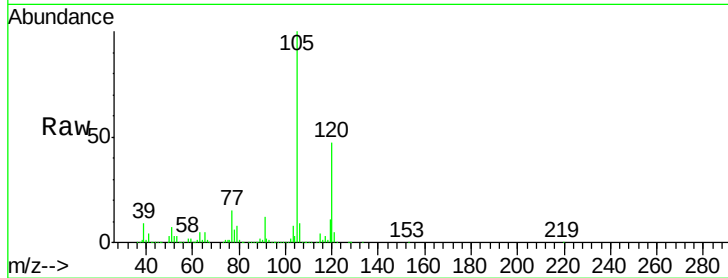
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.080 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

Tgt Ion:105 Resp: 2668777

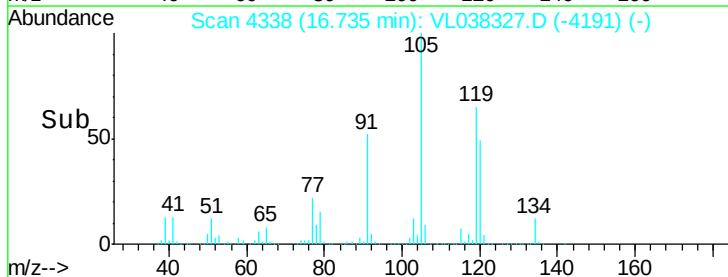
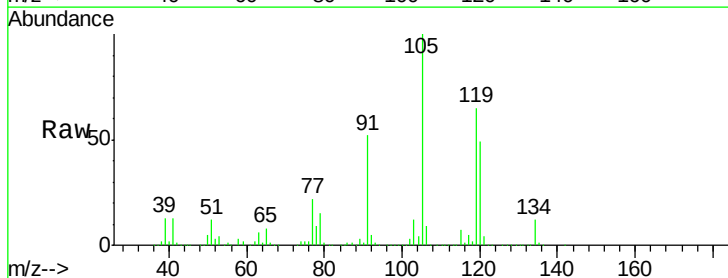
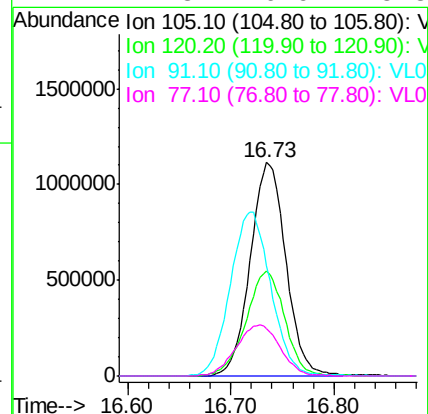
Ion Ratio Lower Upper

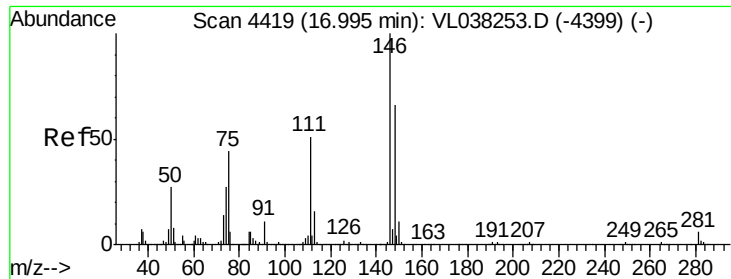
105 100

120 48.9 37.2 55.8

91 51.2 36.6 55.0

77 22.3 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 9.467 ppbv

RT: 16.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20 VSTDCCC010

Tgt Ion:1

Ion Rati

146 100

111 48.

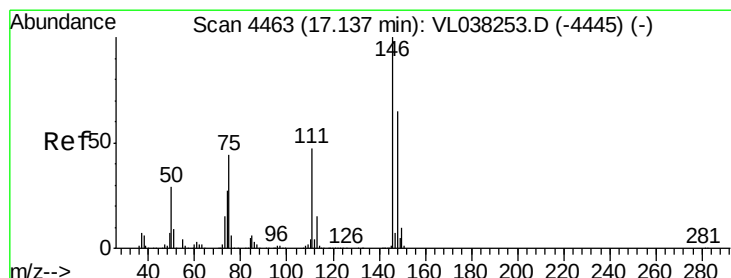
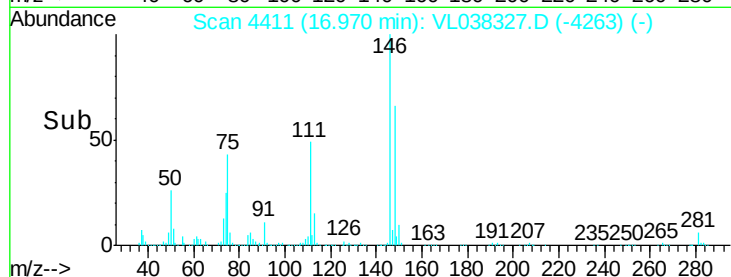
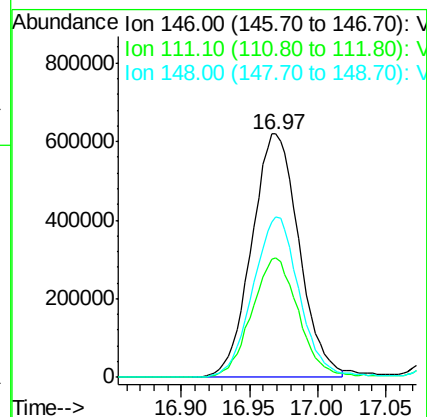
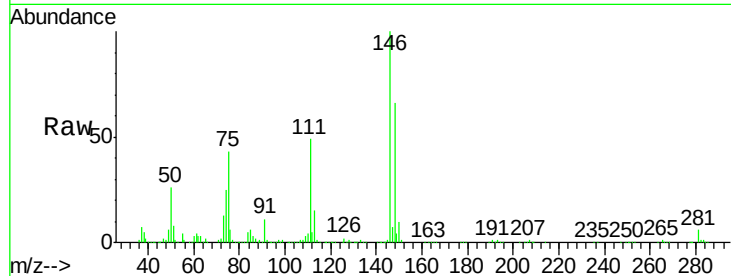
148 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/04/2022

Supervised By :Mahesh Dadoda 02/04/2022



#76

1,4-Dichlorobenzene

Concen: 9.584 ppbv

RT: 17.11 min Scan# 4455

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

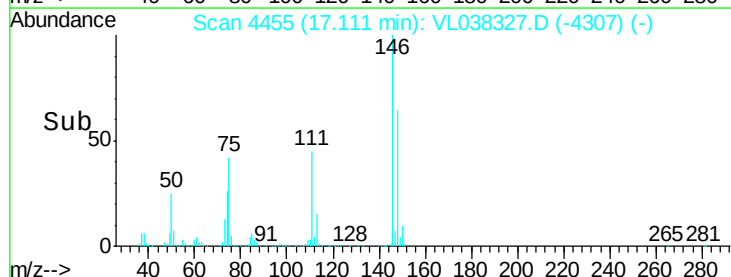
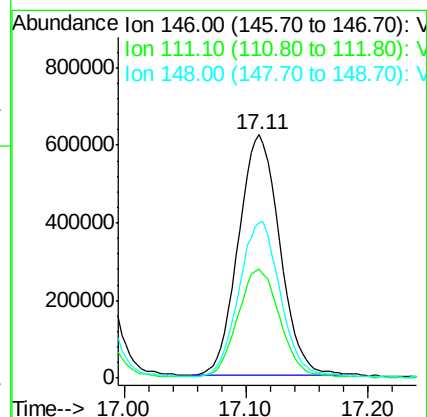
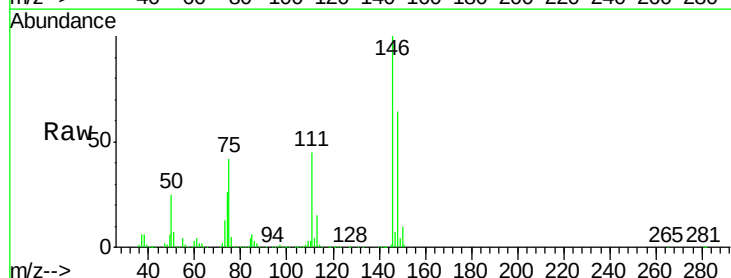
Tgt Ion:146 Resp: 1463454

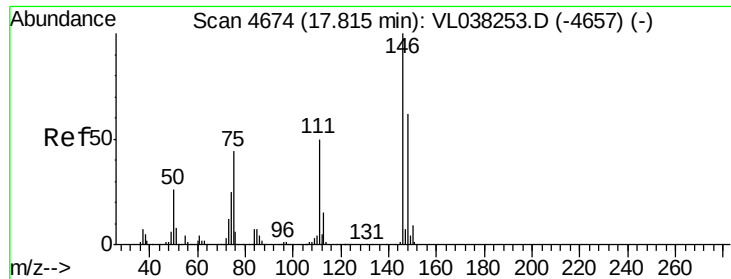
Ion Ratio Lower Upper

146 100

111 47.0 23.2 69.6

148 66.3 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 9.565 ppbv

RT: 17.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Feb 2022 9:20

Tgt Ion:1

Ion Rati

146 100

111 49.

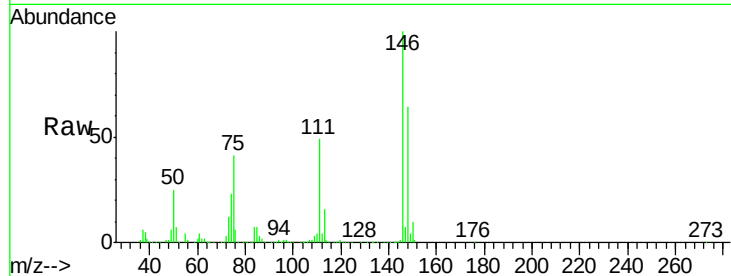
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/04/2022

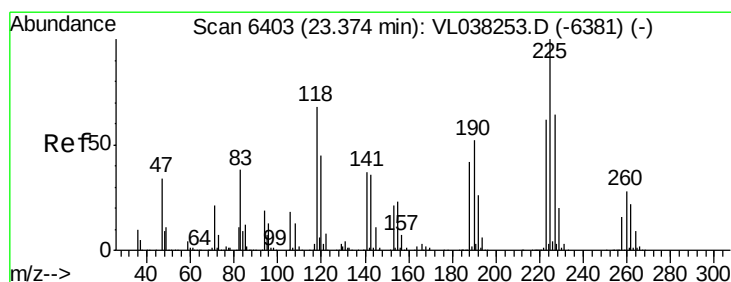
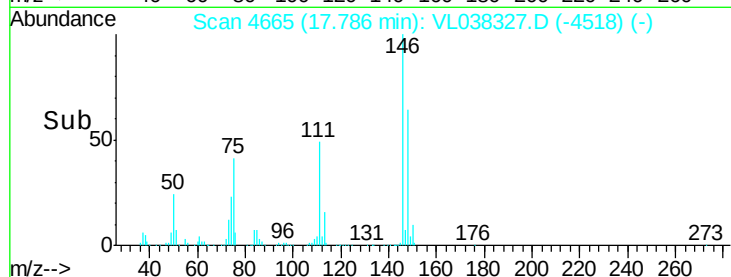
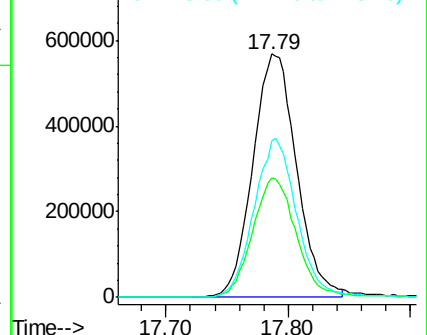
Supervised By :Mahesh Dadoda 02/04/2022



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: 7.181 ppbv

RT: 23.35 min Scan# 6395

Delta R.T. -0.03 min

Lab File: VL038327.D

Acq: 3 Feb 2022 9:20

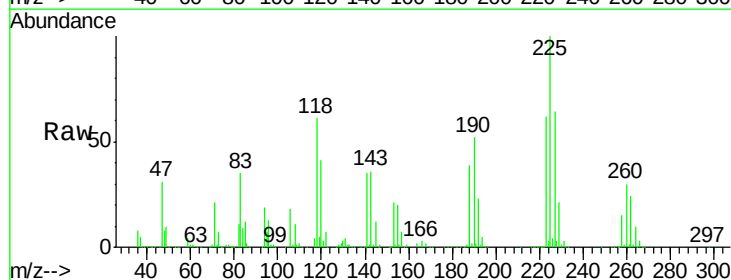
Tgt Ion:225 Resp: 731389

Ion Ratio Lower Upper

225 100

223 64.0 51.7 77.5

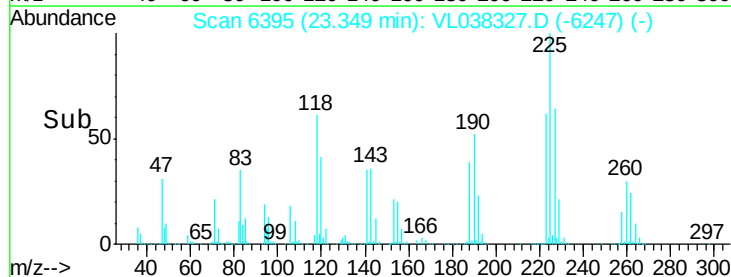
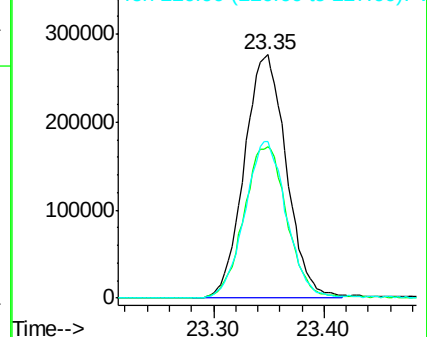
227 64.4 51.4 77.0

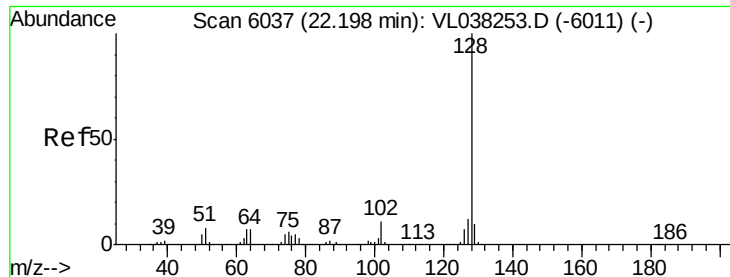


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



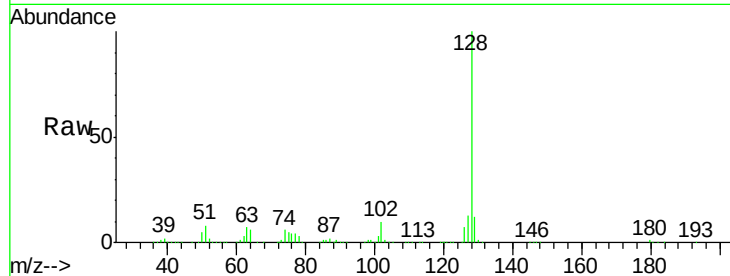


#79
Naphthalene
Concen: 9.553 ppbv
RT: 22.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Feb 2022 9:20

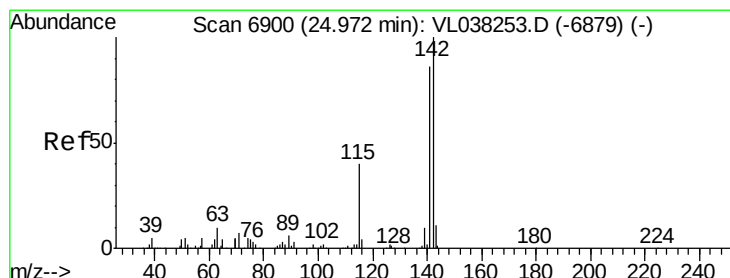
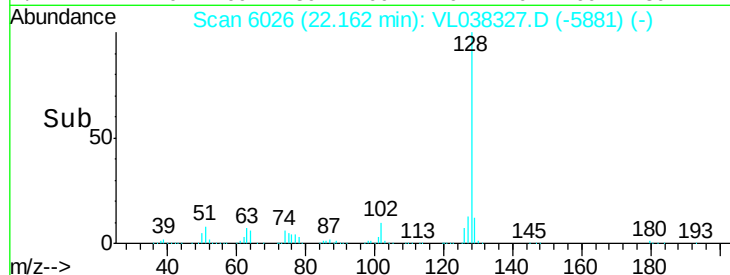
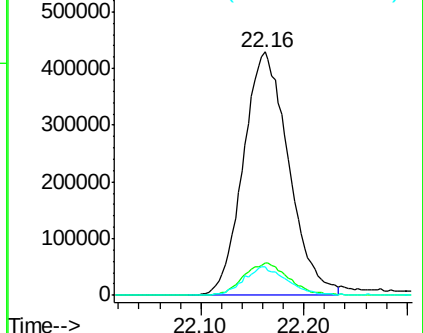
Tgt Ion:1
Ion Rati
128 100
127 13.
129 11.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022
Supervised By :Mahesh Dadoda 02/04/2022

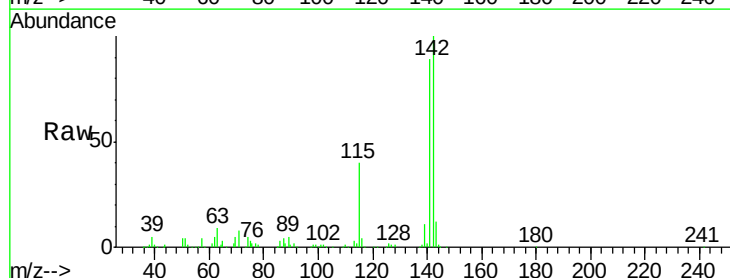


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

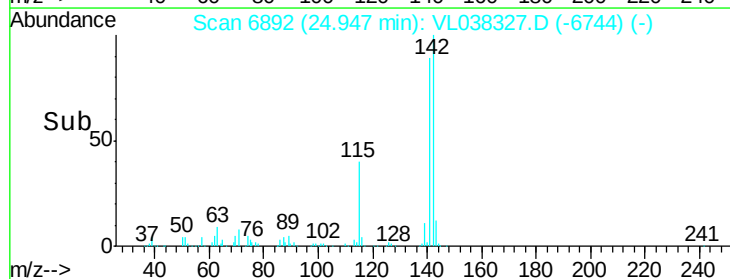
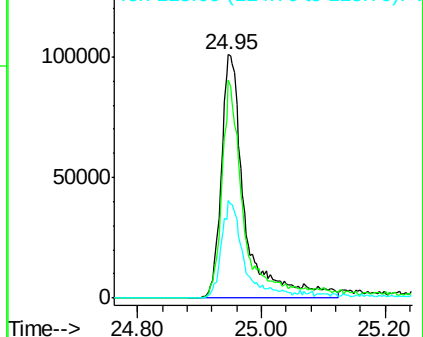


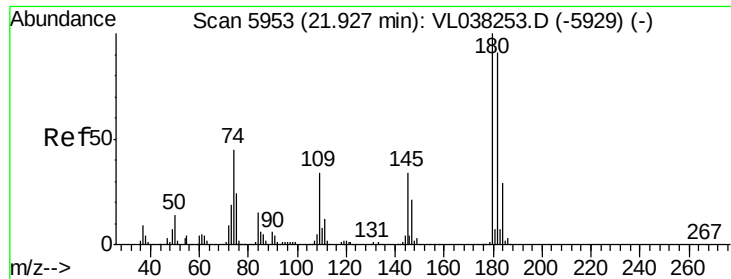
#80
Naphthalene, 2-methyl-
Concen: 17.898 ppbv
RT: 24.95 min Scan# 6892
Delta R.T. -0.03 min
Lab File: VL038327.D
Acq: 3 Feb 2022 9:20

Tgt Ion:142 Resp: 267466
Ion Ratio Lower Upper
142 100
141 85.3 70.2 105.4
115 39.5 31.8 47.6

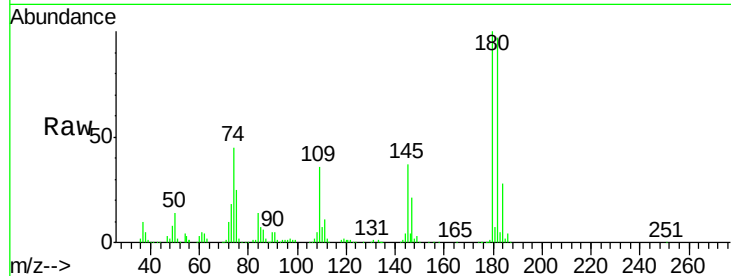


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.868 ppbv
 RT: 21.90
 Delta R.T.
 Lab File: VSTDCCC010
 Acq: 3 Feb 2022 9:20



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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2022
 Supervised By :Mahesh Dadoda 02/04/2022

