

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038957.D
 Acq On : 5 May 2022 2:43
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 04:56:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1371375	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3310040	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3102087m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2461497	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1993914	8.994	ppbv 100
3) Chlorodifluoromethane	2.99	51	1570908	6.506	ppbv 100
4) Chloromethane	3.14	50	805561	8.982	ppbv 100
5) Vinyl Chloride	3.26	62	768094	8.376	ppbv 100
6) Bromomethane	3.48	94	367900	7.517	ppbv 100
7) Chloroethane	3.56	64	254883	8.140	ppbv 100
8) Dichlorotetrafluoroethane	3.19	85	1833947	8.704	ppbv 100
9) Propene	3.01	41	659341	8.327	ppbv 100
10) Heptane	8.11	43	1760191	8.680	ppbv 99
11) Trichlorofluoromethane	3.95	101	1727178	7.830	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1225471	8.594	ppbv 100
13) Ethanol	3.61	45	41786m	4.818	ppbv
14) Bromoethene	3.74	108	525846	8.862	ppbv 100
15) Acetone	3.85	43	1202342	8.875	ppbv 100
16) 1,3-Butadiene	3.33	39	712524	7.893	ppbv 100
17) tert-Butyl alcohol	4.28	59	957399	8.395	ppbv 100
18) 1,1-Dichloroethene	4.29	96	524657	8.327	ppbv 100
19) Isopropyl Alcohol	3.96	45	608608	8.419	ppbv 100
20) Methylene Chloride	4.34	84	437504	7.169	ppbv 100
21) Allyl Chloride	4.41	41	874039	8.417	ppbv 100
22) trans-1,2-Dichloroethene	4.88	96	570699	9.556	ppbv 100
23) Vinyl Acetate	5.07	43	1030005	5.007	ppbv 100
24) 1,1-Dichloroethane	5.01	63	1122189	7.080	ppbv 100
25) Ethyl Acetate	5.67	43	3028297	9.439	ppbv 100
26) Hexane	5.68	57	1289695	8.823	ppbv 100
27) Carbon Disulfide	4.55	76	1369144	9.499	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1035379	6.411	ppbv 100
29) Chloroform	5.75	83	2176000	9.162	ppbv 100
30) Cyclohexane	7.13	84	1086032	9.172	ppbv 100
31) cis-1,2-Dichloroethene	5.55	61	1383187	9.684	ppbv 100
32) 1,1,1-Trichloroethane	6.51	97	2186237	9.141	ppbv 100
34) 2-Butanone	5.24	43	1668153	10.153	ppbv 99
35) Carbon Tetrachloride	7.01	117	2224494	8.765	ppbv 100
36) Benzene	6.89	78	2707367	8.965	ppbv 100
37) 1,2-Dichloroethane	6.30	62	1737086	9.609	ppbv 100
38) Trichloroethene	7.83	130	1174951	9.717	ppbv 100
39) 1,2-Dichloropropane	7.61	63	1079002	8.820	ppbv 100
40) 1,4-Dioxane	7.82	88	388399	12.369	ppbv 100
41) Tetrahydrofuran	6.04	42	1117477	13.692	ppbv 100
42) Bromodichloromethane	7.79	83	2411774	9.816	ppbv 100
43) Methyl Methacrylate	8.01	69	1150649	11.043	ppbv 100

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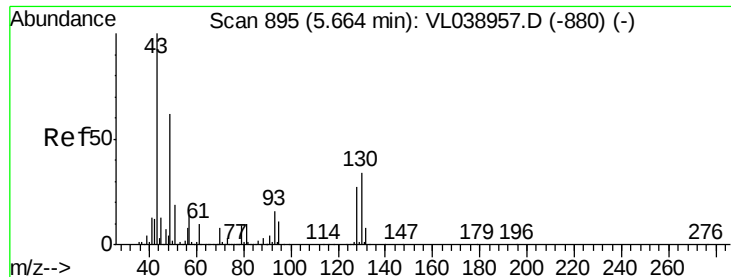
Manual Integrations
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 Supervised By : Mahesh Dadoda 05/09/2022

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4637070	8.682	ppbv	100
45) t-1,3-Dichloropropene	9.27	75	1328128	11.242	ppbv	100
46) cis-1,3-Dichloropropene	8.69	75	1595585	10.630	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1105222	8.878	ppbv	100
48) Dibromochloromethane	10.30	129	1937184	10.120	ppbv	100
49) Bromoform	13.03	173	1537764	10.038	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	2929512	11.927	ppbv	100
51) 2-Hexanone	10.12	43	2353767	16.931	ppbv	100
52) Tetrachloroethene	11.21	164	926097	8.306	ppbv	100
53) Toluene	9.80	91	3097357	9.605	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1585476	9.043	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	1310675	9.380	ppbv	96
57) Chlorobenzene	12.14	112	2189457	8.437	ppbv	100
58) Ethyl Benzene	12.70	91	4197211	9.411	ppbv	100
59) m/p-Xylene	12.99	91	7125870m	18.272	ppbv	
60) o-Xylene	13.68	91	3343676	8.874	ppbv	100
61) Styrene	13.52	104	1949374	10.383	ppbv	100
62) Isopropylbenzene	14.65	105	4820833	9.395	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	1930917	6.837	ppbv	100
64) n-propylbenzene	15.55	120	1224975	9.788	ppbv	99
65) tert-Butylbenzene	16.73	119	4176502	9.375	ppbv	100
66) Benzyl Chloride	16.97	91	803472	14.743	ppbv	100
67) sec-Butylbenzene	17.28	105	6004728	9.495	ppbv	100
69) p-Isopropyltoluene	17.64	119	4945510	10.005	ppbv	100
70) n-Butylbenzene	18.54	91	5383486	10.388	ppbv	100
71) 2-Chlorotoluene	15.44	91	3790373	9.820	ppbv	100
72) 4-Ethyltoluene	15.83	105	3927912	9.495	ppbv	100
73) 1,3,5-Trimethylbenzene	15.99	105	3568600	9.256	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	3792698	9.111	ppbv	100
75) 1,3-Dichlorobenzene	16.98	146	2122150	9.102	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	2112558	9.093	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	2073289	9.393	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1682321	8.468	ppbv	100
79) Naphthalene	22.17	128	3531949	13.761	ppbv	100
80) Naphthalene, 2-methyl-	24.95	142	1138835	20.333	ppbv	98
81) 1,2,4-Trichlorobenzene	21.90	180	1865279	11.971	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDICCC010

Acq: 5 May 2022 2:43

Tot Ion:

Ion Ratio

49 100

128 46.

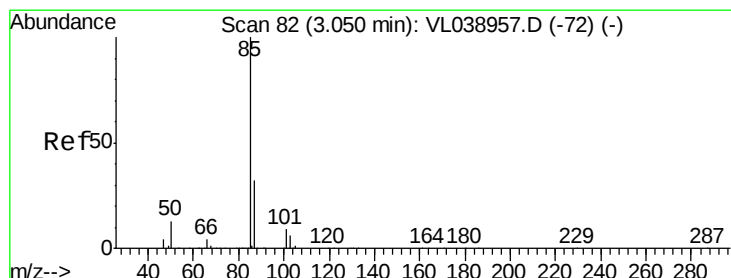
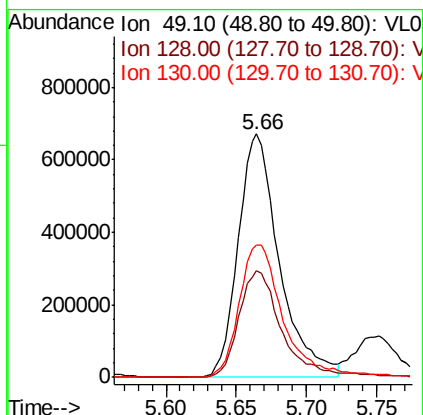
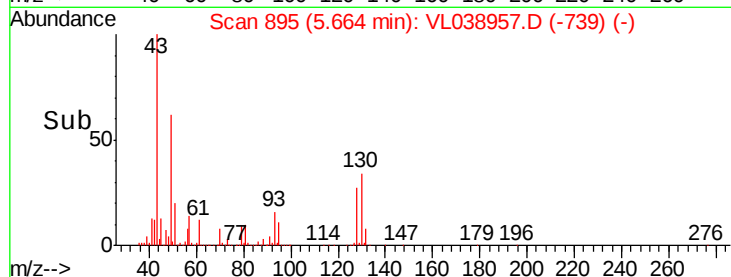
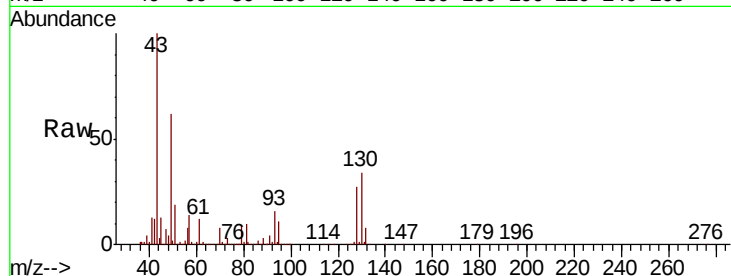
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 8.994 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL038957.D

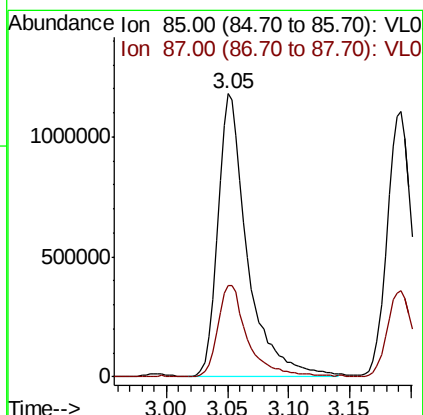
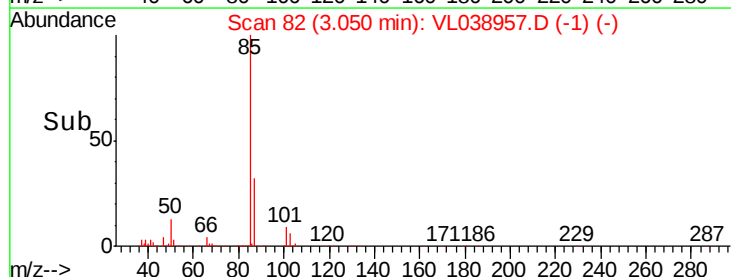
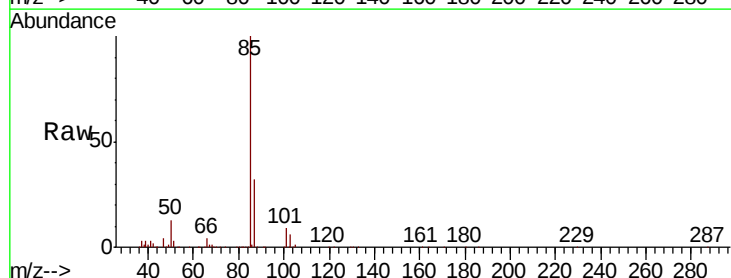
Acq: 5 May 2022 2:43

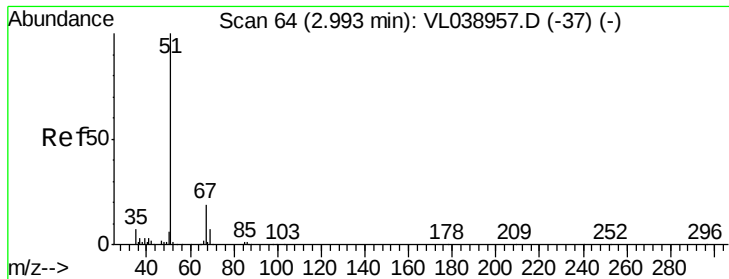
Tgt Ion: 85 Resp: 1993914

Ion Ratio Lower Upper

85 100

87 32.1 25.7 38.5



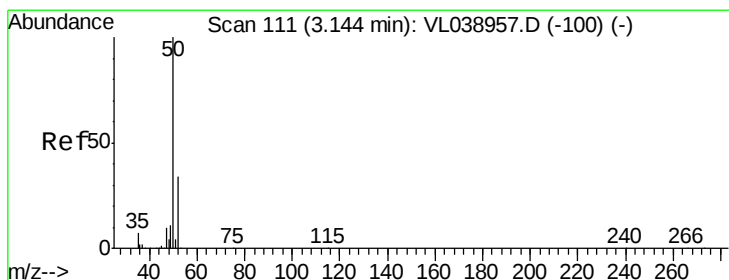
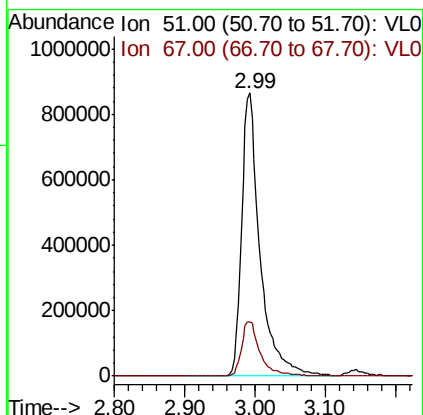
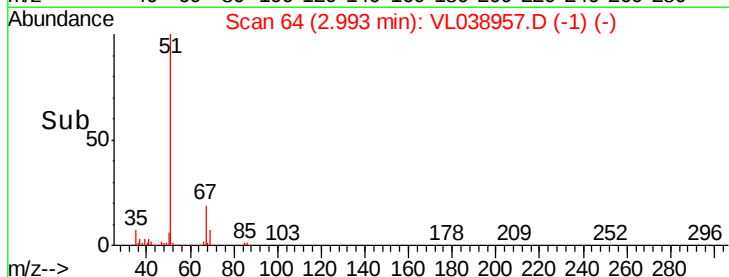
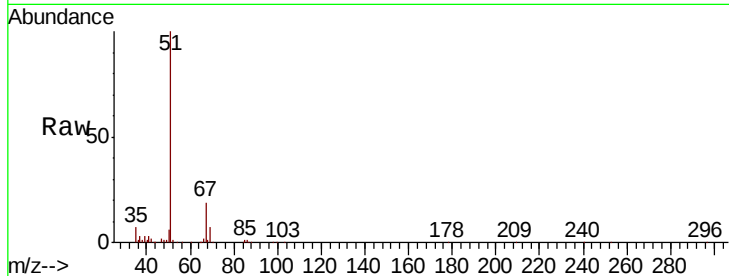


#3
Chlorodifluoromethane
Concen: 6.506 ppbv
RT: 2.99 min
Delta R.T.: 0.00 min
Lab File: VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
51 100
67 19.

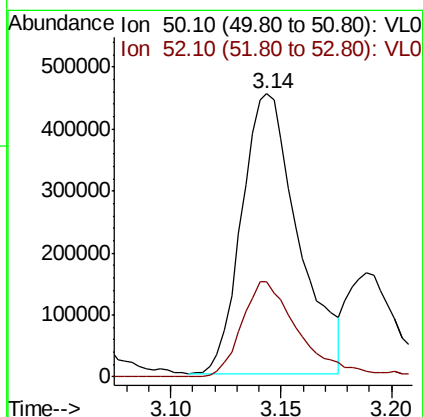
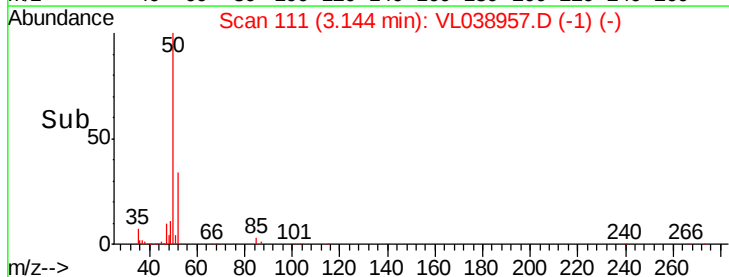
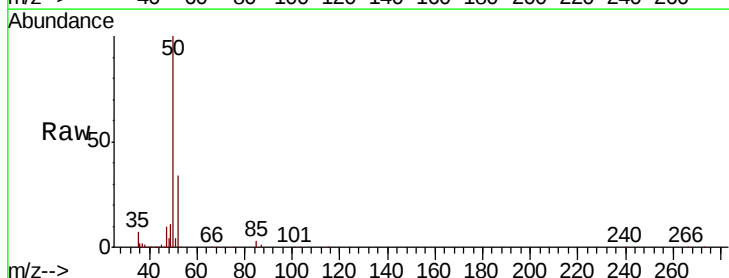
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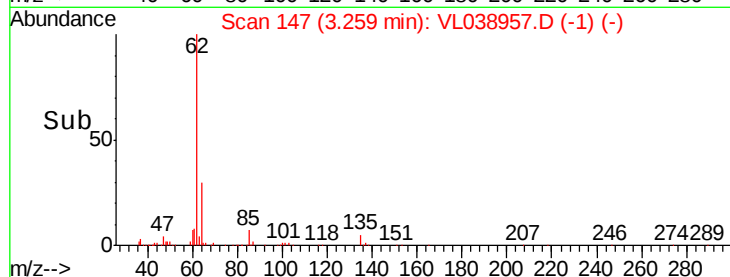
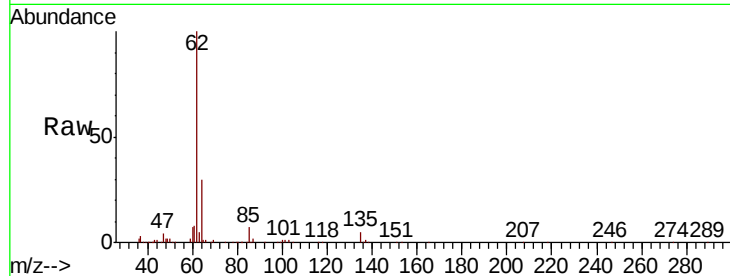
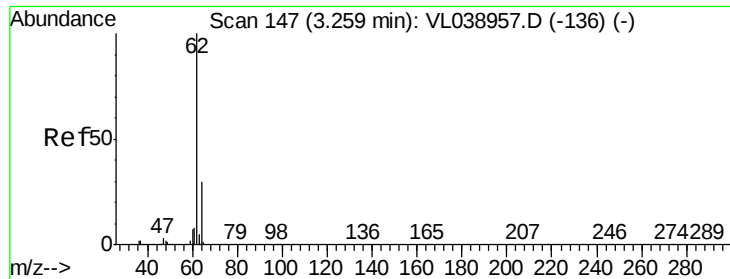
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#4
Chloromethane
Concen: 8.982 ppbv
RT: 3.14 min Scan# 111
Delta R.T.: 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 50 Resp: 805561
Ion Ratio Lower Upper
50 100
52 34.1 27.3 40.9





#5

Vinyl Chloride

Concen: 8.376 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 2:43 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

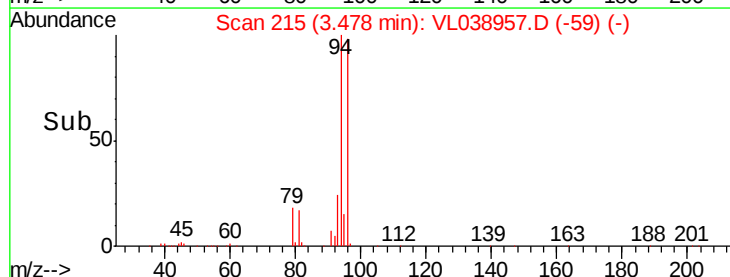
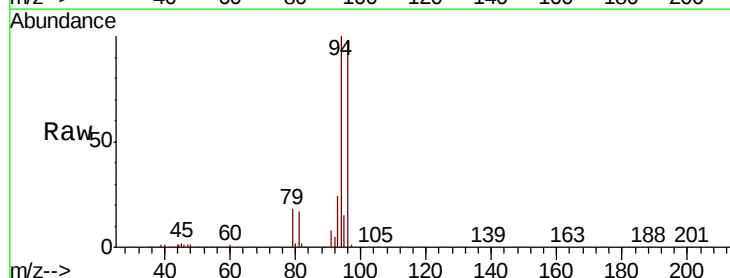
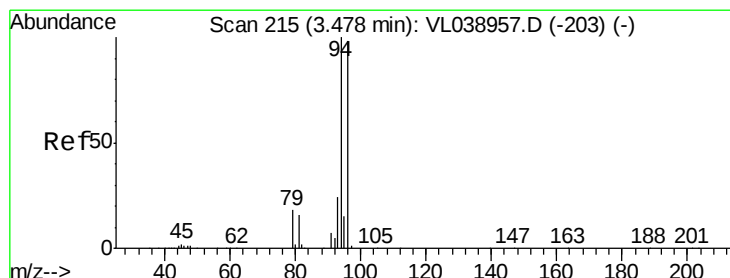
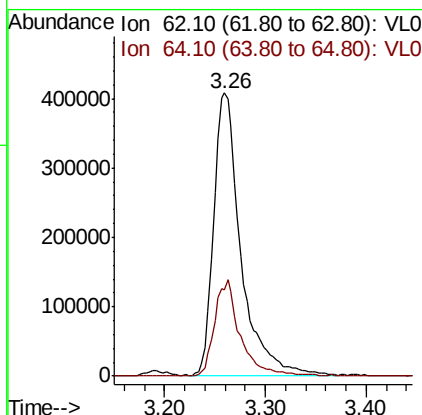
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 7.517 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038957.D

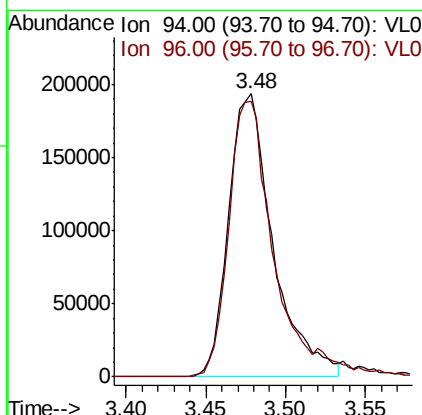
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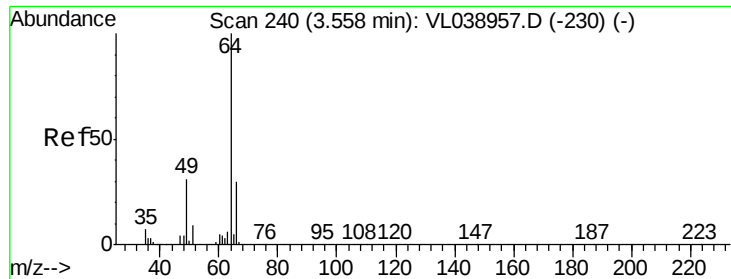
Tgt Ion: 94 Resp: 367900

Ion Ratio Lower Upper

94 100

96 97.6 78.1 117.1





#7

Chloroethane

Concen: 8.140 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 2:43 VSTDICCC010

Tot Ion:

Ion Ratio

64 100

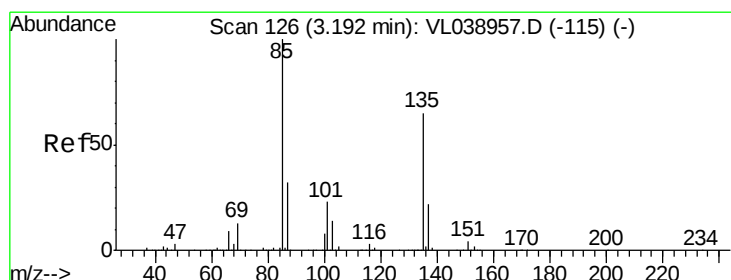
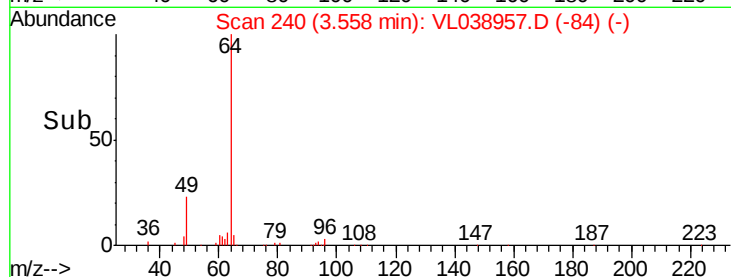
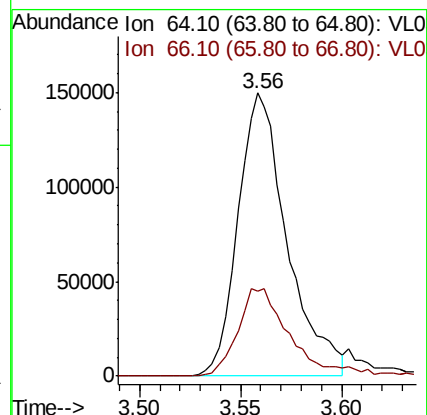
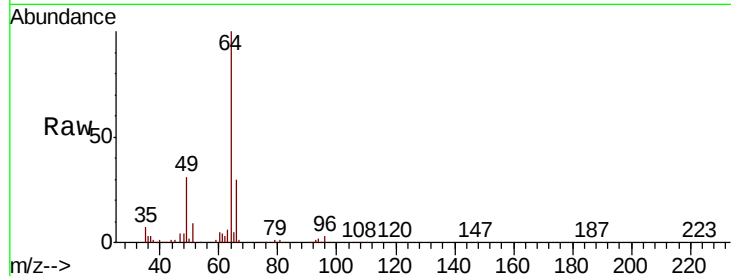
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 8.704 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038957.D

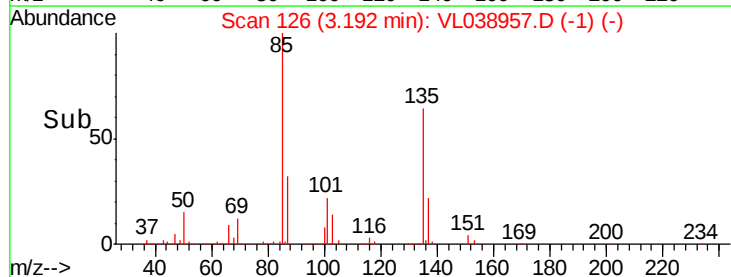
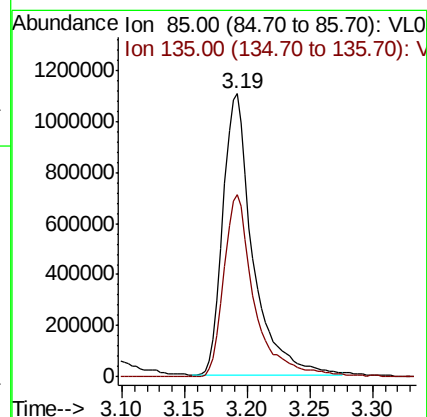
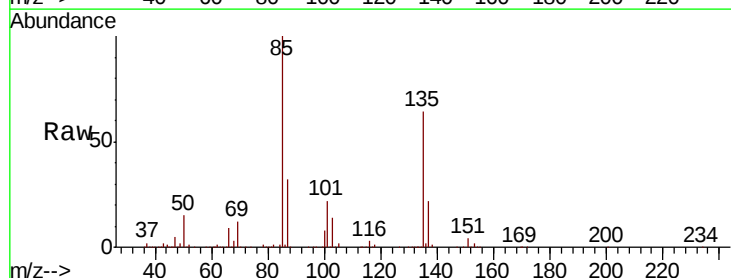
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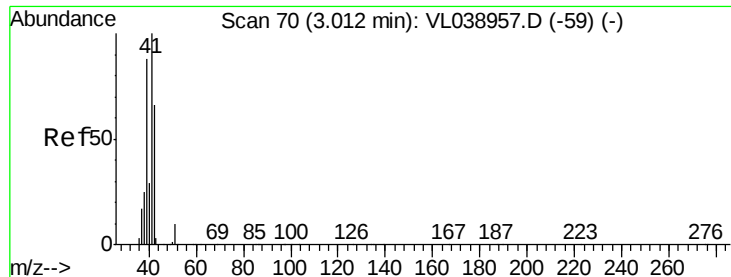
Tgt Ion: 85 Resp: 1833947

Ion Ratio Lower Upper

85 100

135 67.0 53.6 80.4



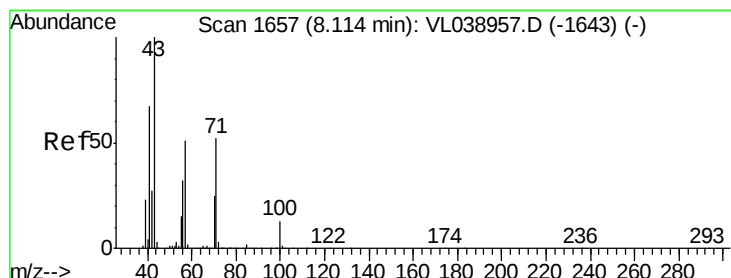
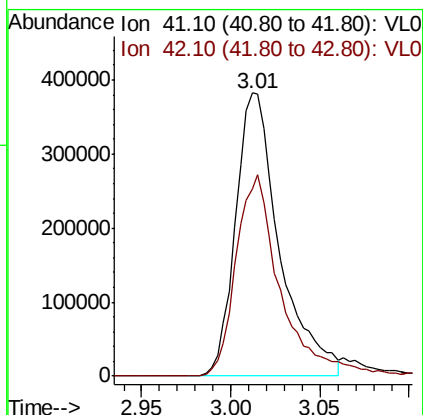
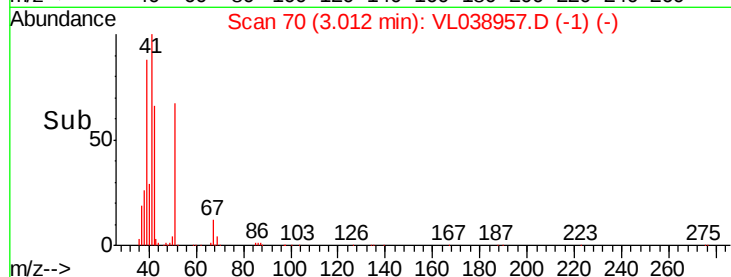
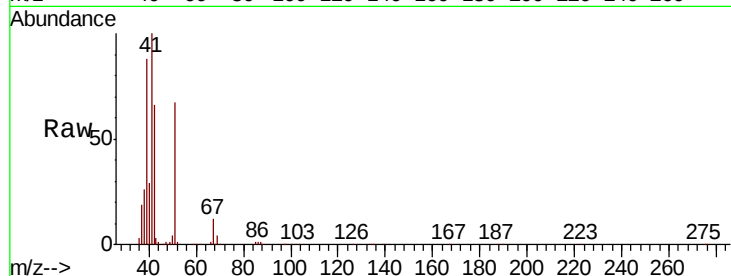


#9
 Propene
 Concen: 8.327 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:
 Ion Ratio
 41 100
 42 72.

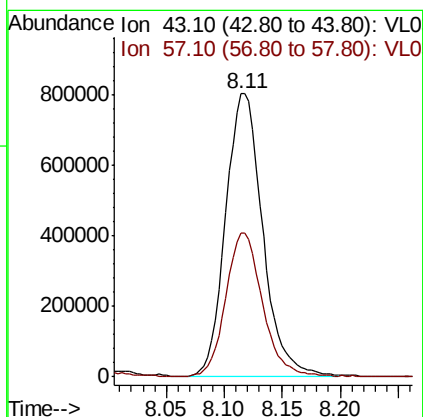
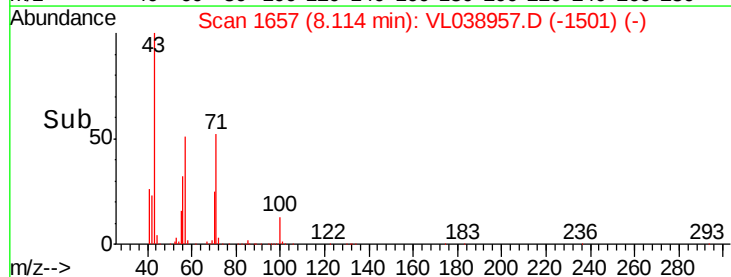
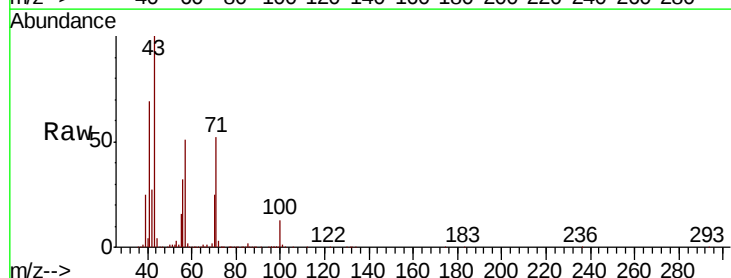
Manual Integrations
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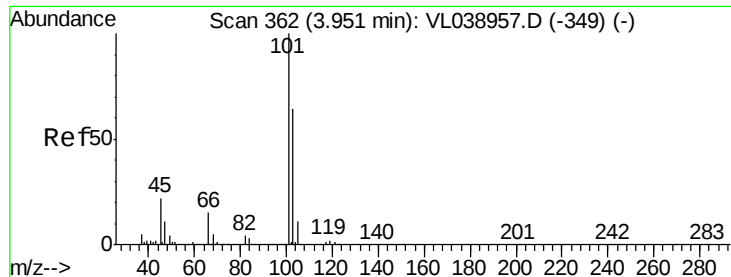
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#10
 Heptane
 Concen: 8.680 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion: 43 Resp: 1760191
 Ion Ratio Lower Upper
 43 100
 57 51.2 40.5 60.7



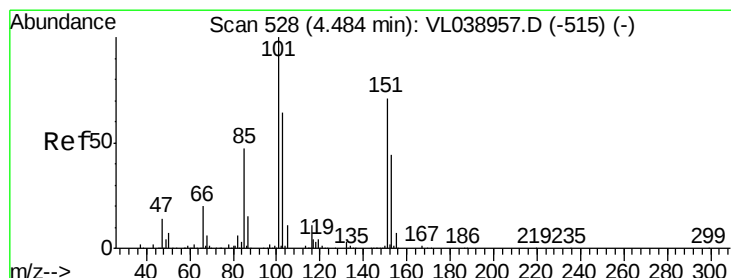
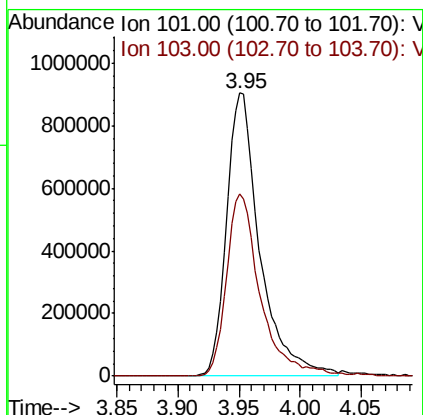
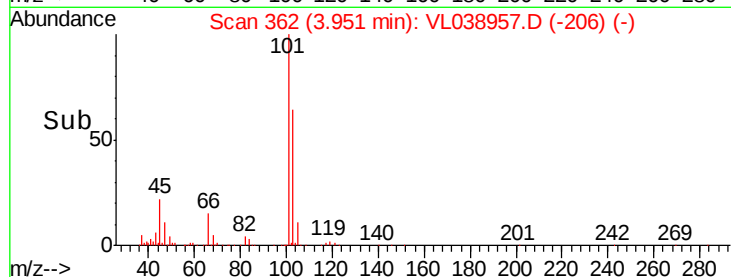
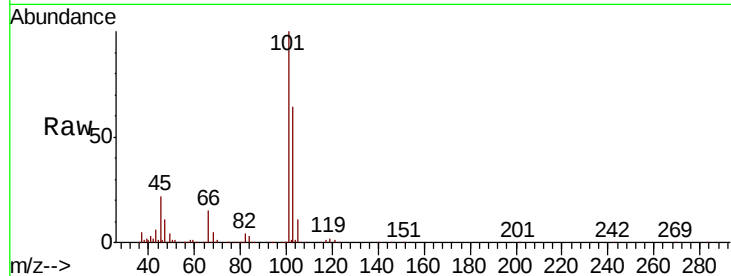


#11
 Trichlorofluoromethane
 Concen: 7.830 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

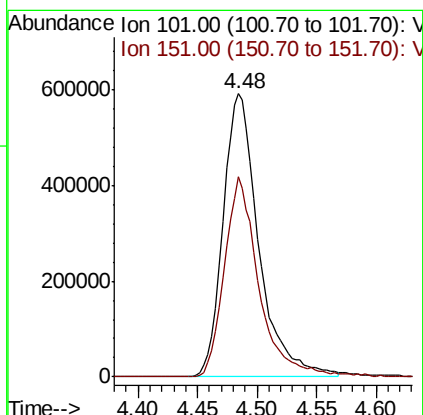
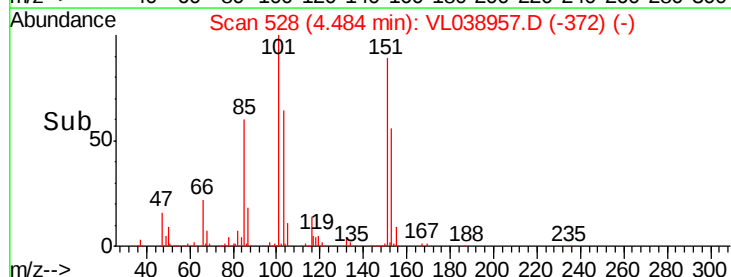
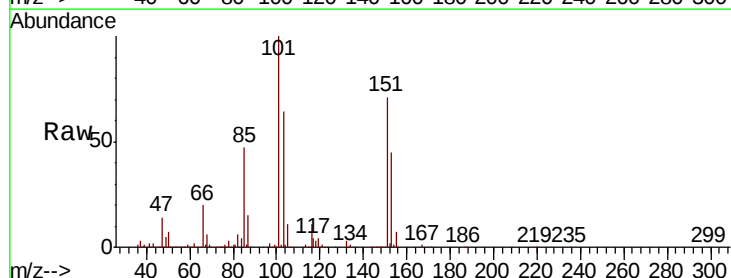
Manual Integrations
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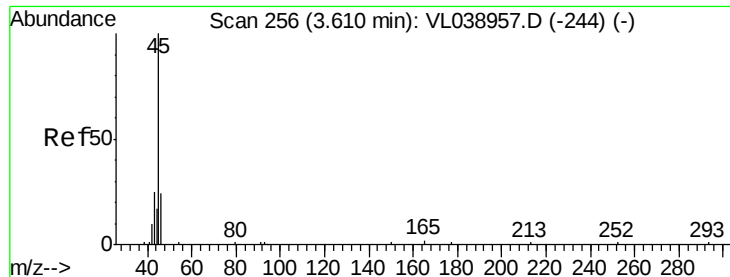
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.594 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:101 Resp: 1225471
 Ion Ratio Lower Upper
 101 100
 151 69.0 55.4 83.0





#13

Ethanol

Concen: 4.818 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 VSTDICCC010

2:43

Tot Ion:

Ion Ratio

45 100

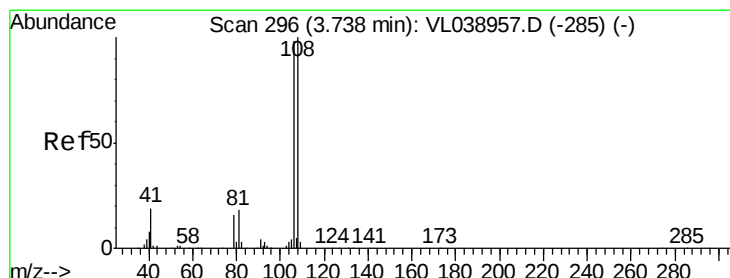
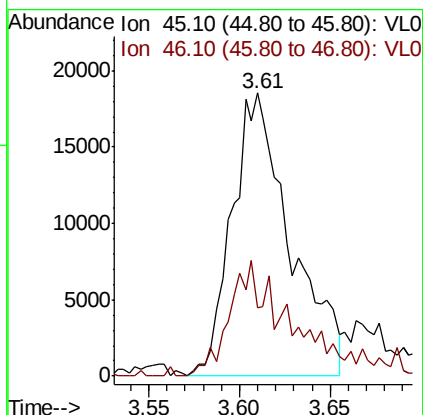
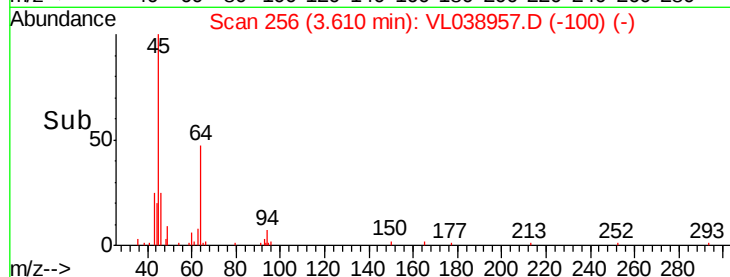
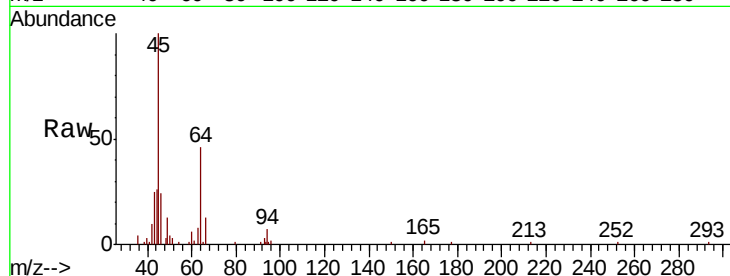
46 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#14

Bromoethene

Concen: 8.862 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL038957.D

Acq: 5 May 2022 2:43

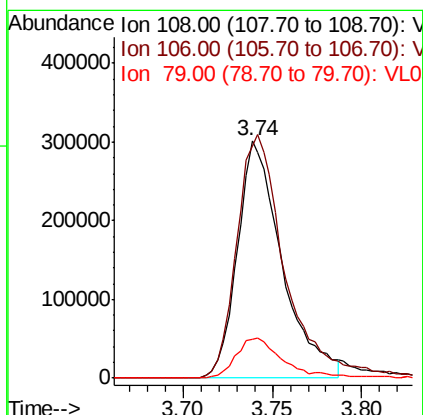
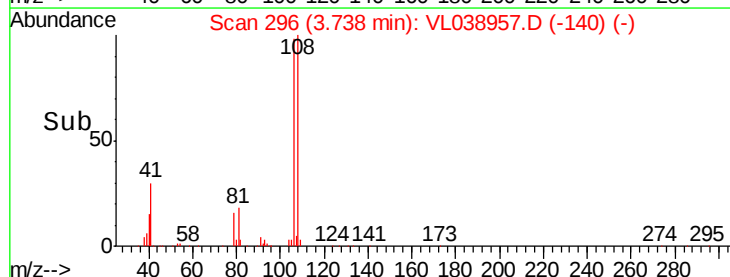
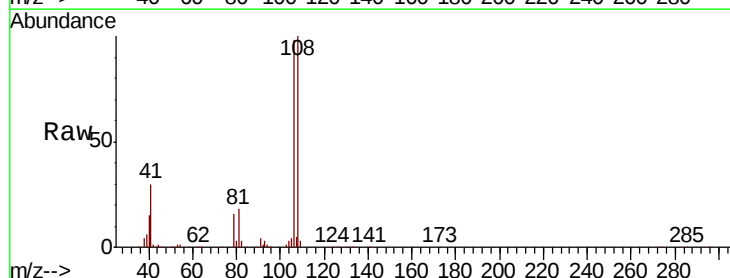
Tgt Ion:108 Resp: 525846

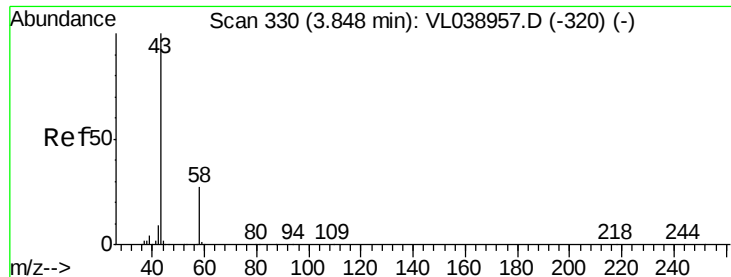
Ion Ratio Lower Upper

108 100

106 112.9 90.3 135.5

79 18.5 14.9 22.3



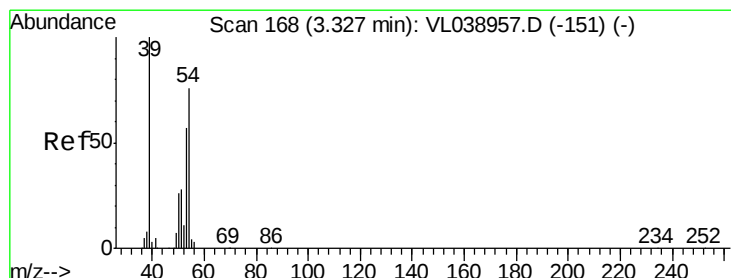
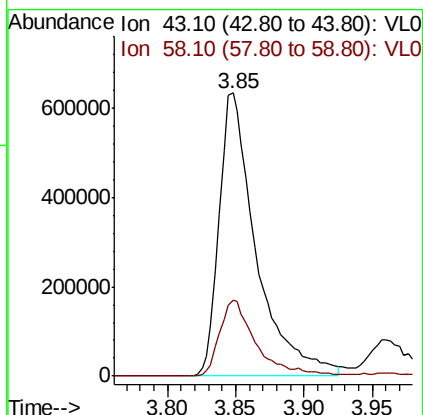
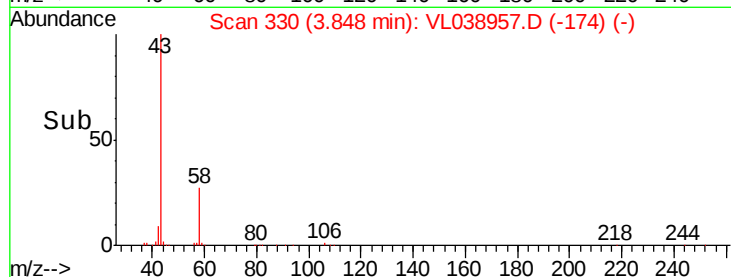
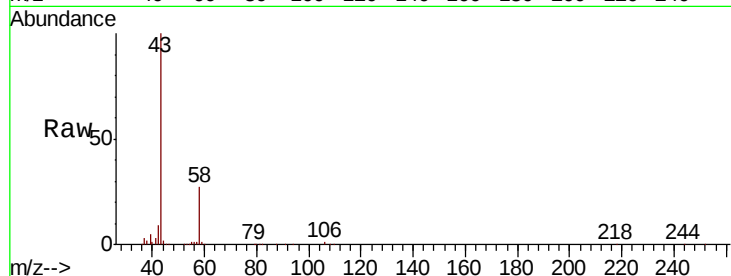


#15
Acetone
Concen: 8.875 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
43 100
58 26.

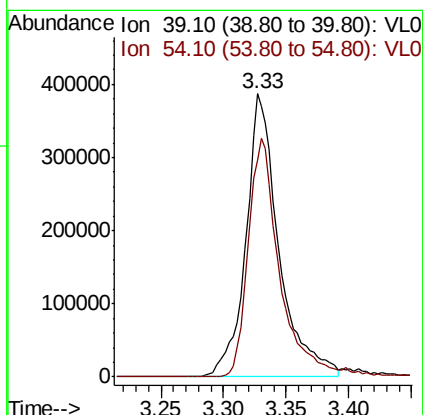
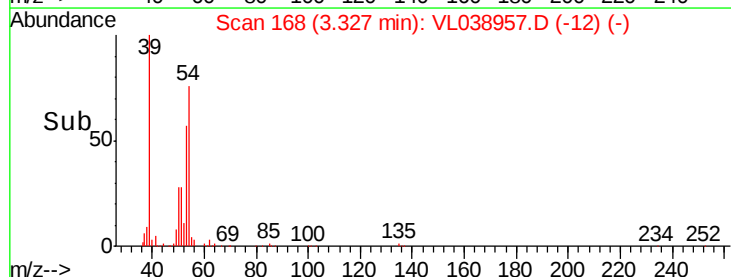
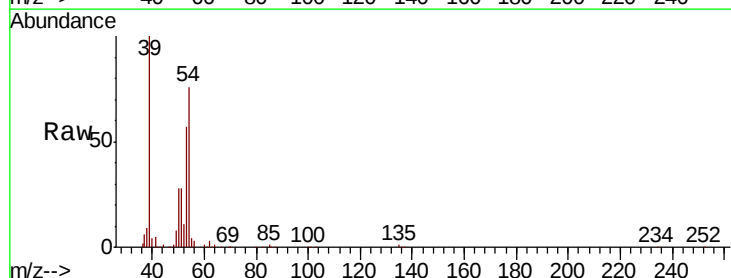
Manual Integrations
APPROVED

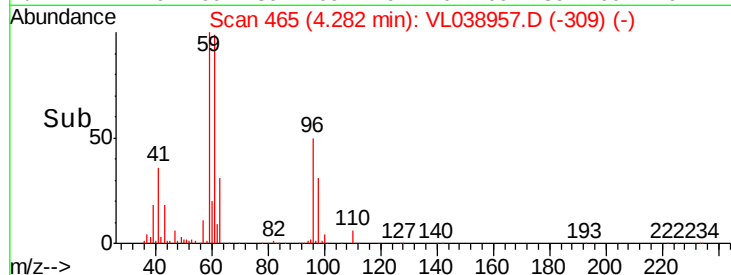
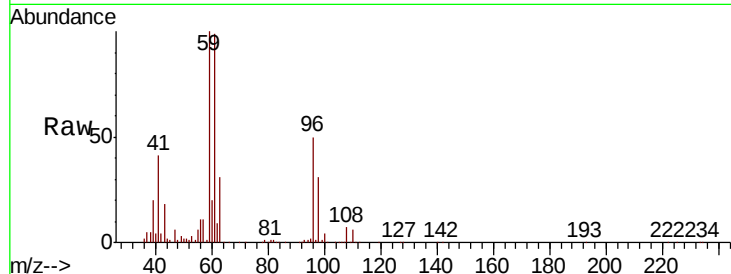
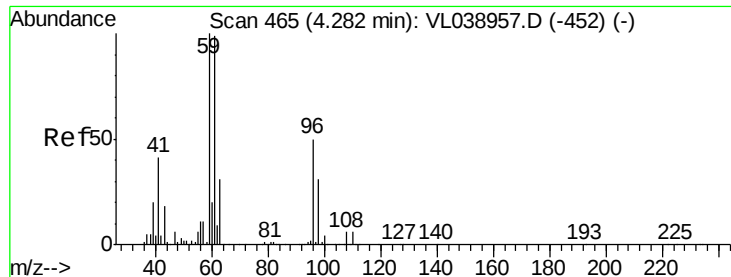
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#16
1,3-Butadiene
Concen: 7.893 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 39 Resp: 712524
Ion Ratio Lower Upper
39 100
54 81.4 65.2 97.8



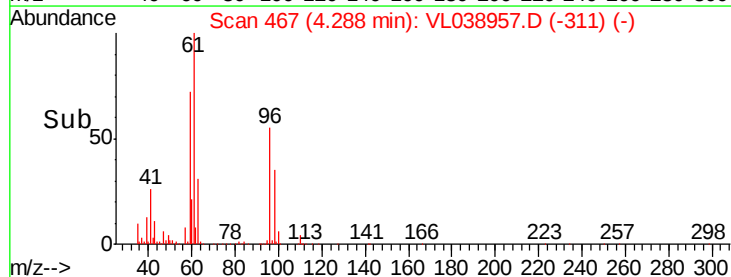
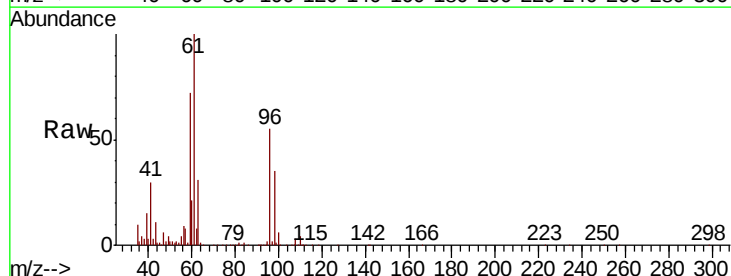
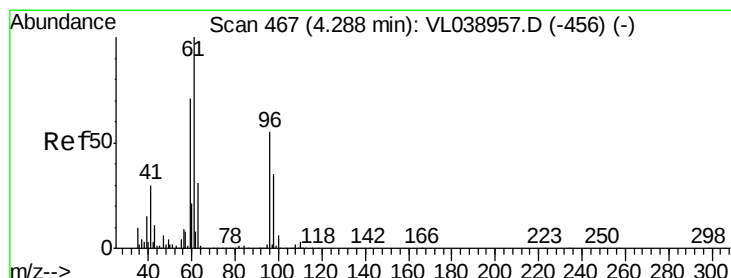
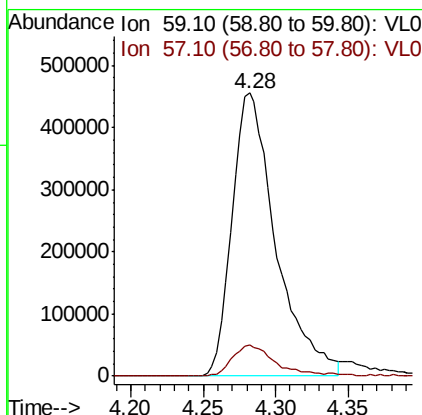


#17
tert-Butyl alcohol
Concen: 8.395 ppbv
RT: 4.28
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
59 100
57 11.

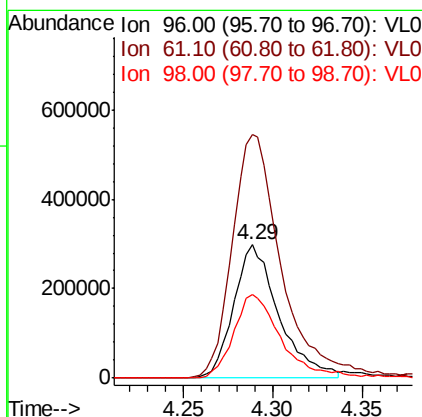
Manual Integrations
APPROVED

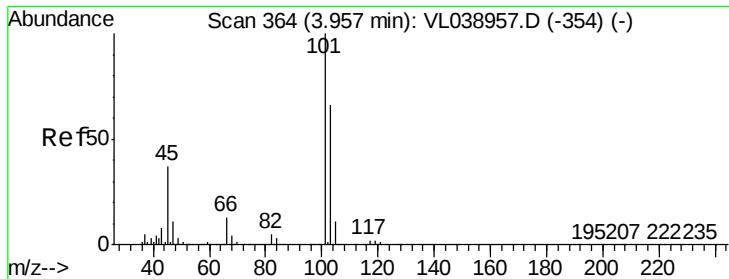
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#18
1,1-Dichloroethene
Concen: 8.327 ppbv
RT: 4.29 min Scan# 467
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 96 Resp: 524657
Ion Ratio Lower Upper
96 100
61 182.9 146.3 219.5
98 63.2 50.6 75.8





#19

Isopropyl Alcohol

Concen: 8.419 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 2:43

Tot Ion:

Ion Ratio

45 100

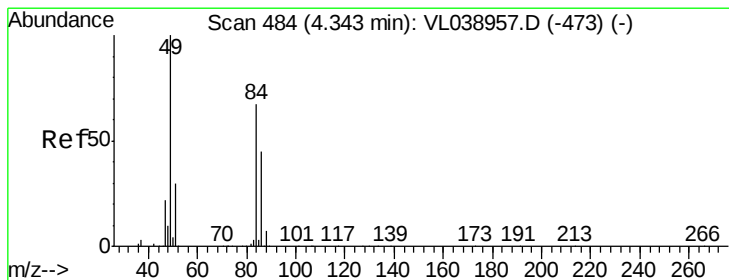
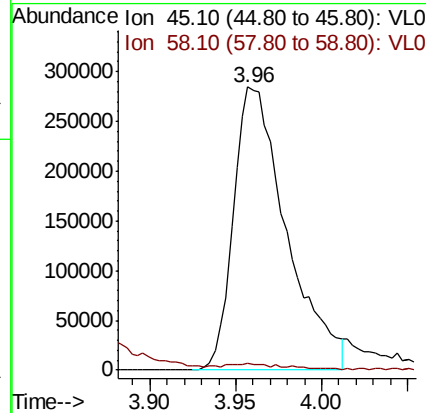
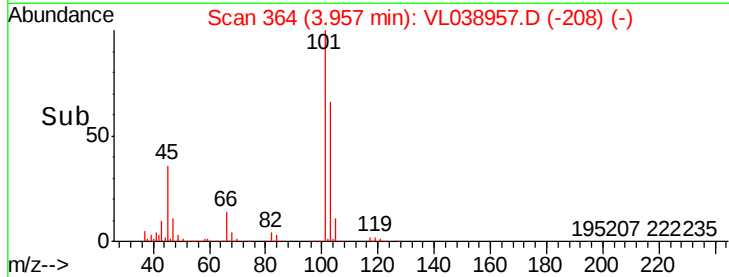
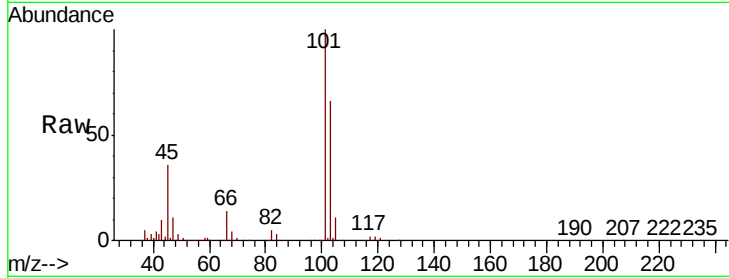
58 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#20

Methylene Chloride

Concen: 7.169 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL038957.D

Acq: 5 May 2022 2:43

Tgt Ion: 84 Resp: 437504

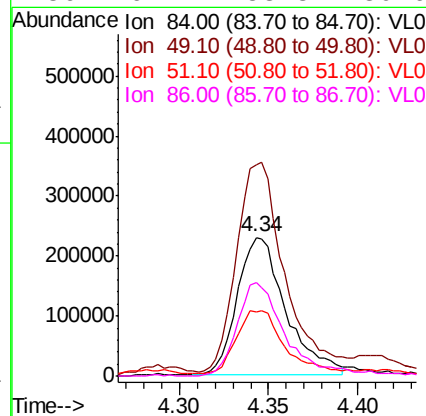
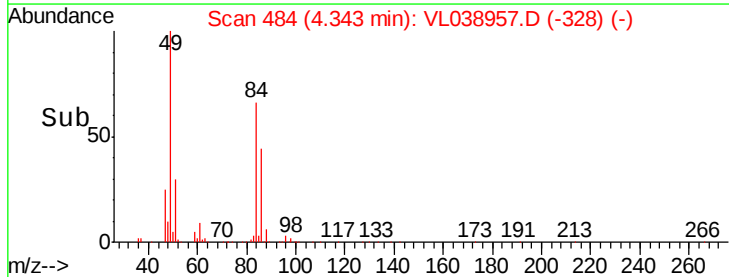
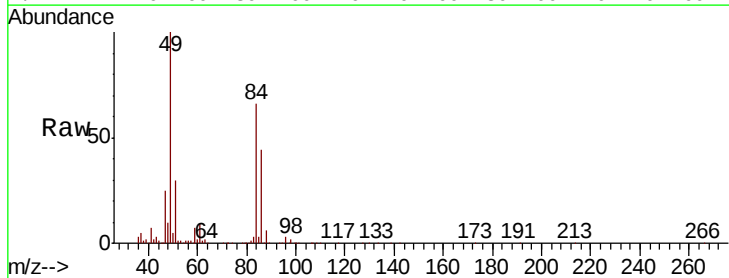
Ion Ratio Lower Upper

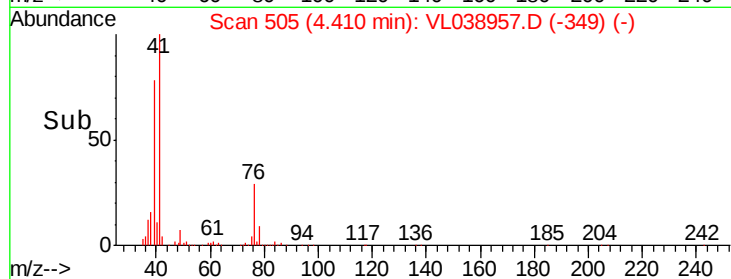
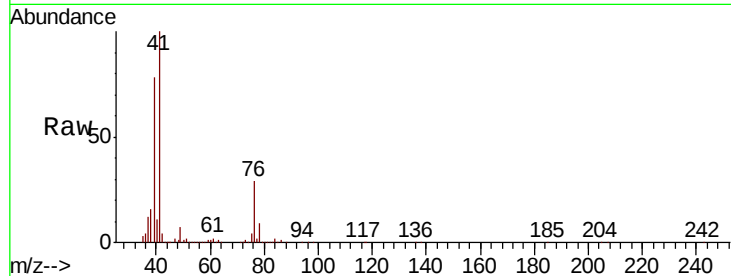
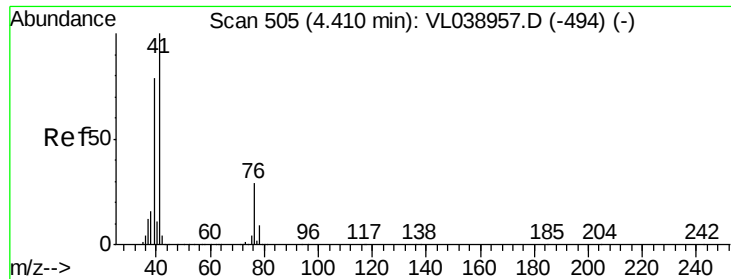
84 100

49 149.9 119.9 179.9

51 44.6 35.7 53.5

86 67.2 53.8 80.6



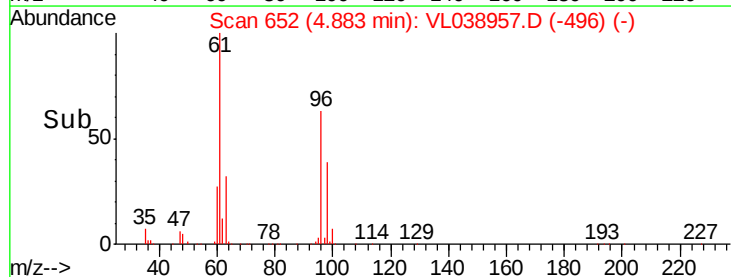
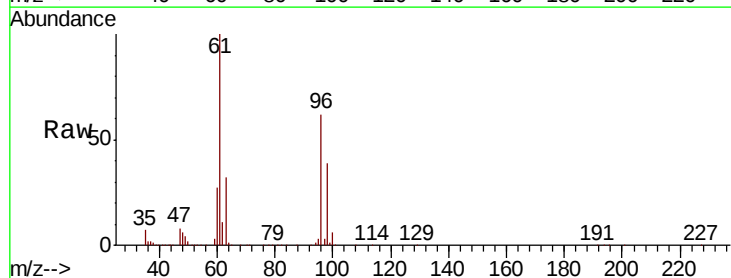
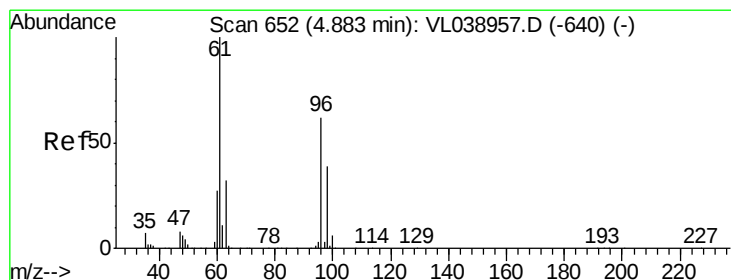
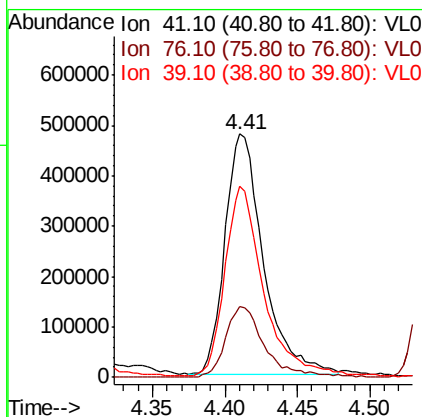


#21
Allvl Chloride
Concen: 8.417 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
41 100
76 30.
39 79.

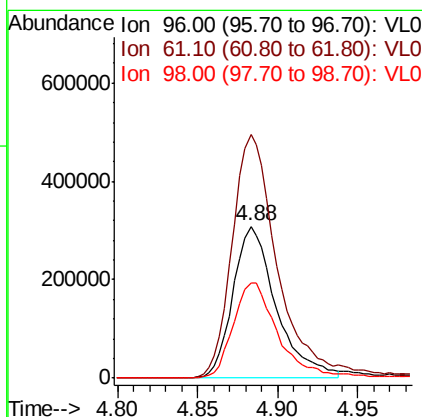
Manual Integrations
APPROVED

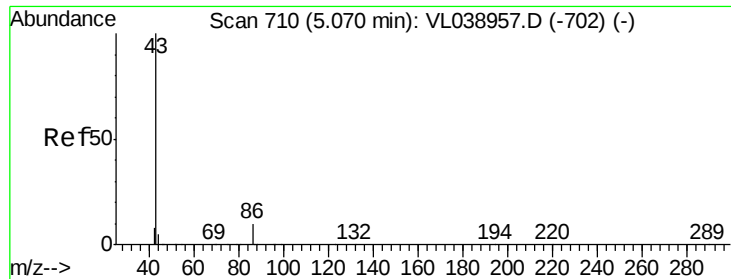
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#22
trans-1,2-Dichloroethene
Concen: 9.556 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 96 Resp: 570699
Ion Ratio Lower Upper
96 100
61 160.2 128.2 192.2
98 62.6 50.1 75.1





#23

Vinyl Acetate

Concen: 5.007 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDICCC010

Acq: 5 May 2022 2:43

Tot Ion:

Ion Ratio

43 100

86 8.

42 10.

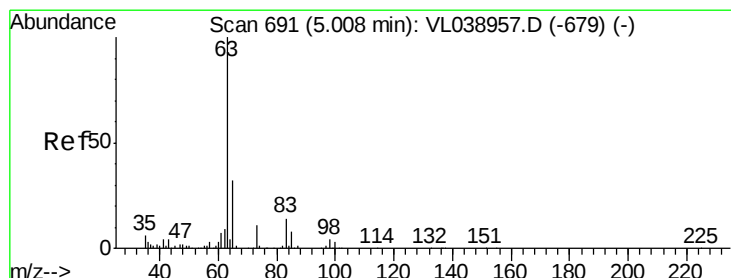
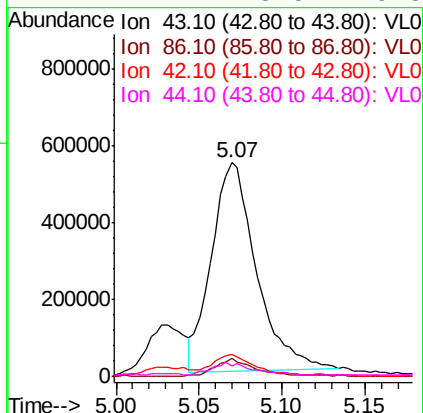
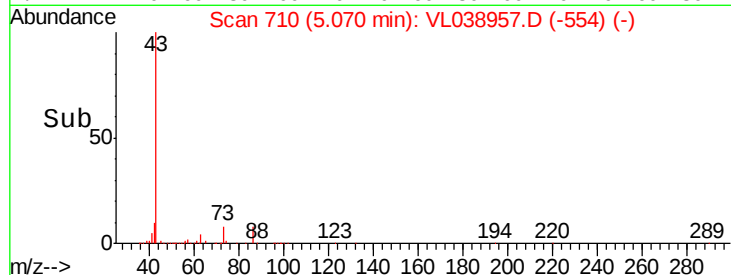
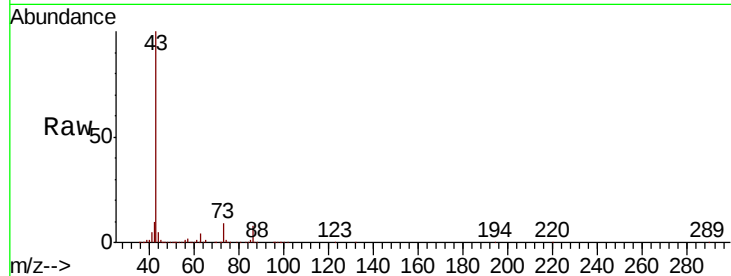
44 4.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#24

1,1-Dichloroethane

Concen: 7.080 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.00 min

Lab File: VL038957.D

Acq: 5 May 2022 2:43

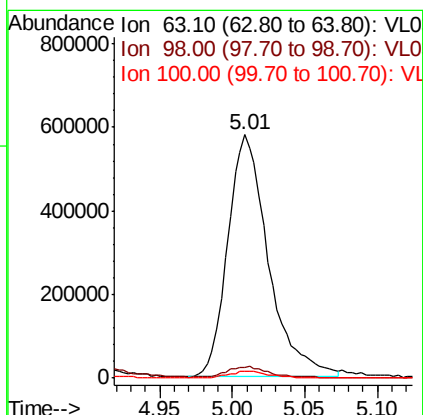
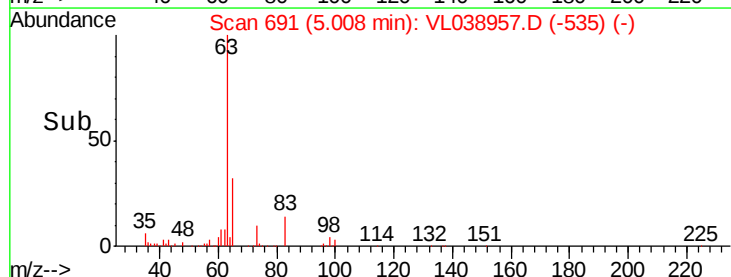
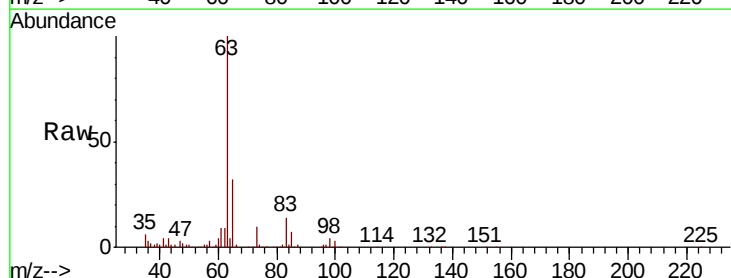
Tgt Ion: 63 Resp: 1122189

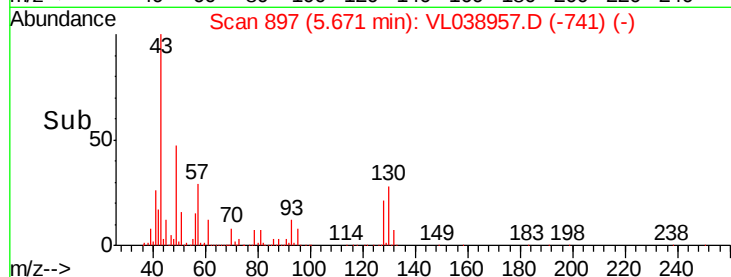
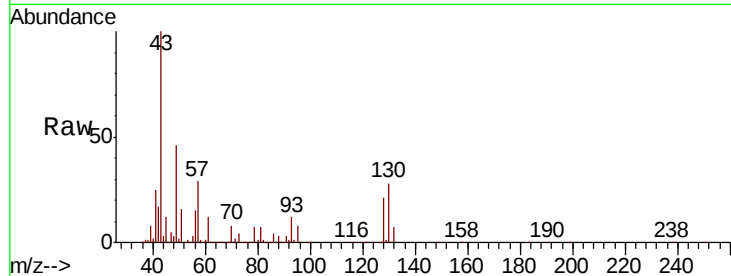
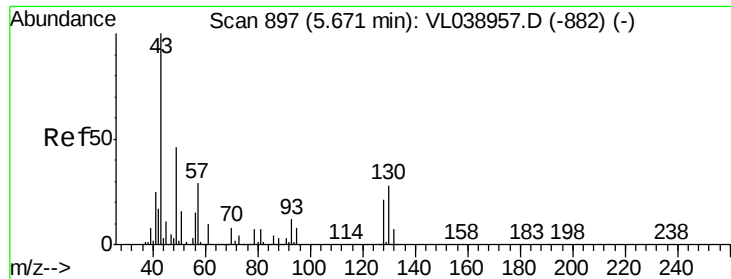
Ion Ratio Lower Upper

63 100

98 4.1

100 2.8



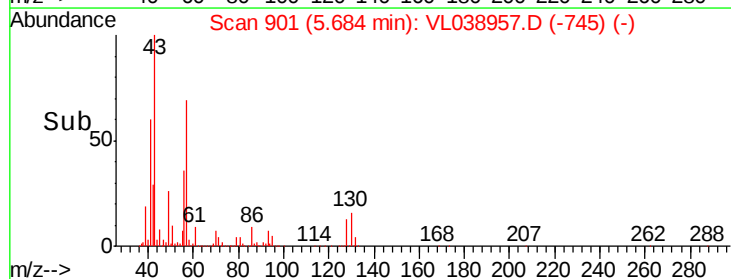
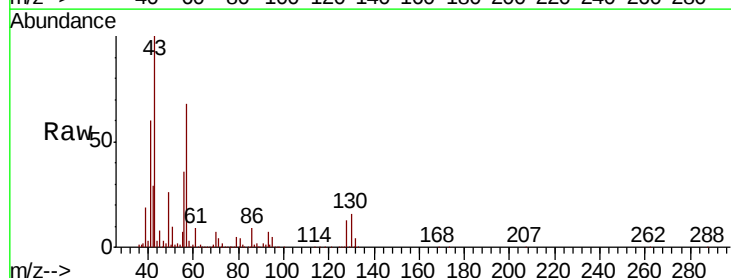
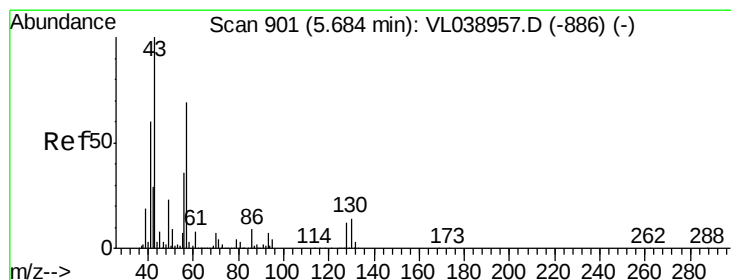
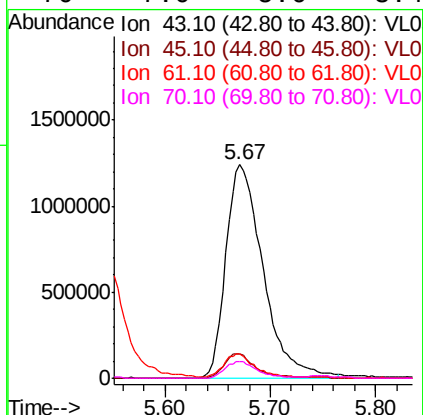


#25
Ethyl Acetate
Concen: 9.439 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.0 5.6 8.4

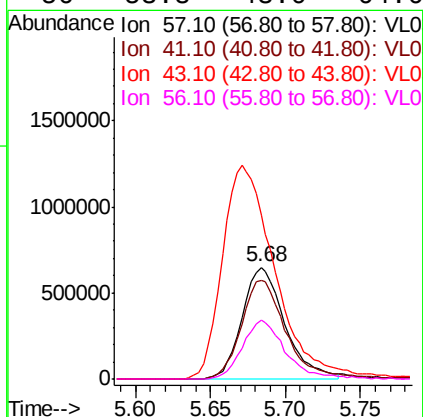
Manual Integrations
APPROVED

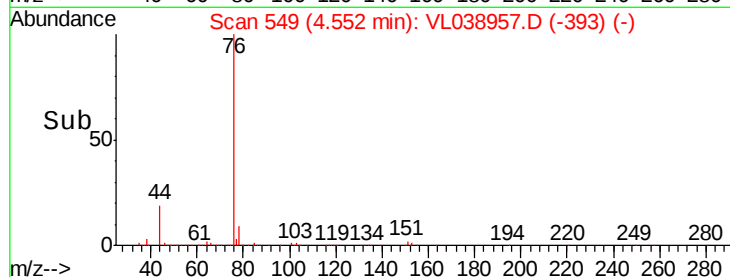
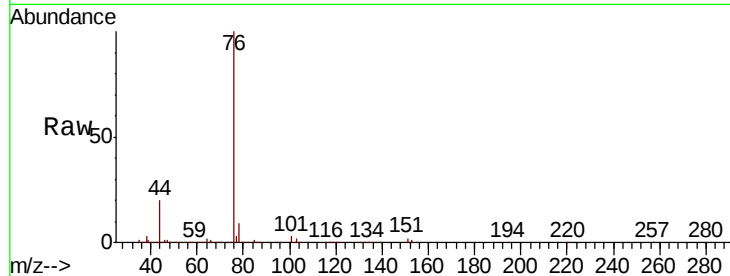
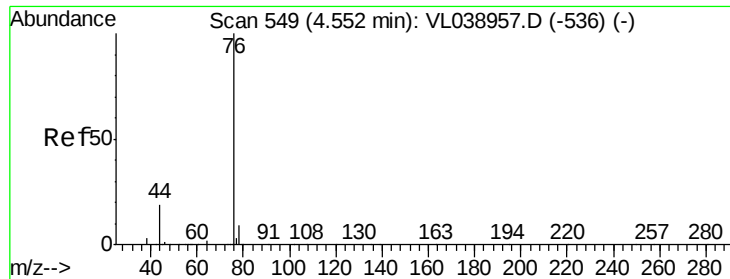
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 8.823 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 57 Resp: 1289695
Ion Ratio Lower Upper
57 100
41 94.0 75.2 112.8
43 238.5 190.8 286.2
56 53.8 43.0 64.6



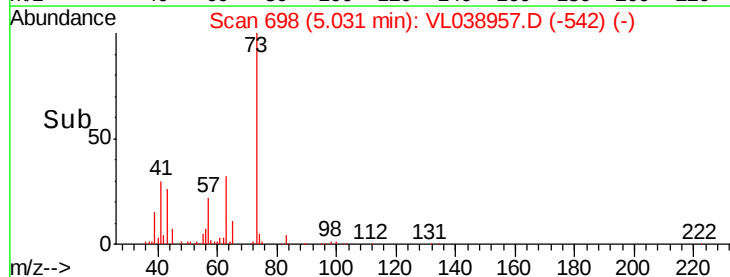
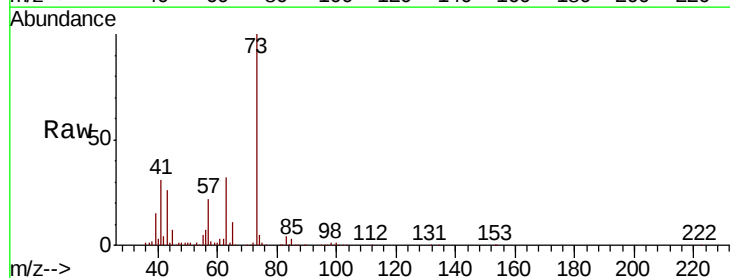
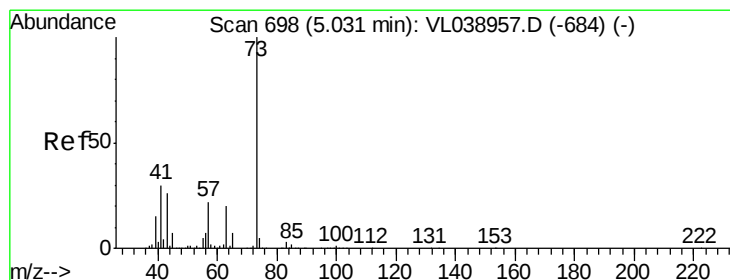
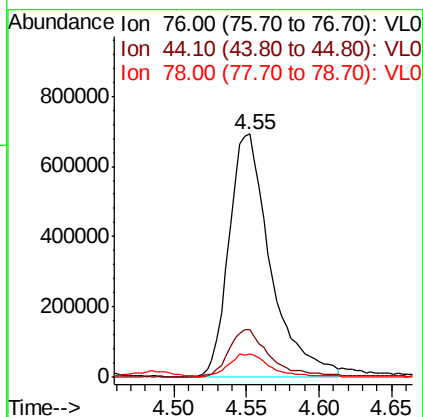


#27
Carbon Disulfide
Concen: 9.499 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
76 100
44 20.
78 10.

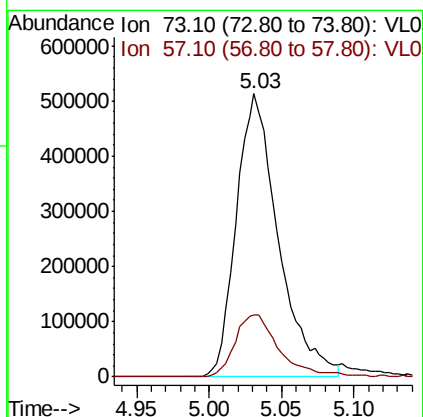
Manual Integrations
APPROVED

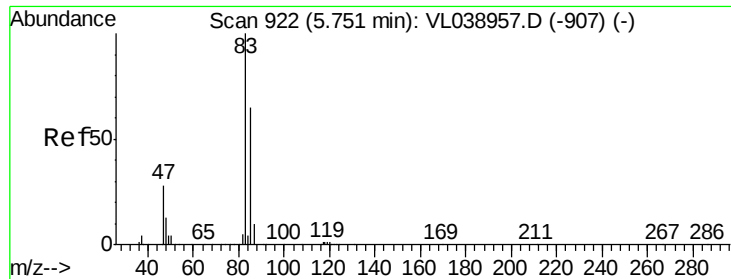
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#28
Methyl tert-Butyl Ether
Concen: 6.411 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 73 Resp: 1035379
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2



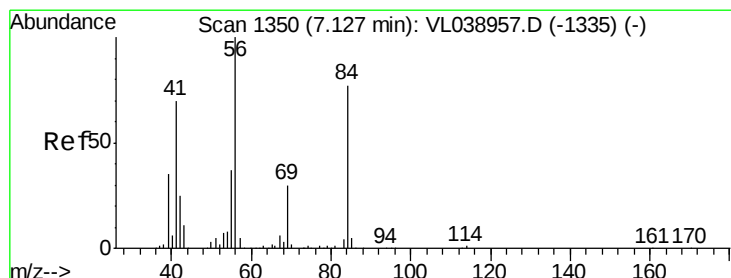
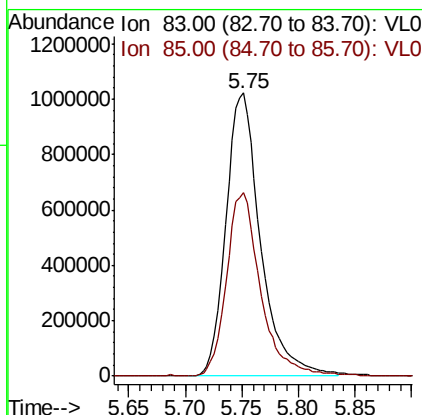
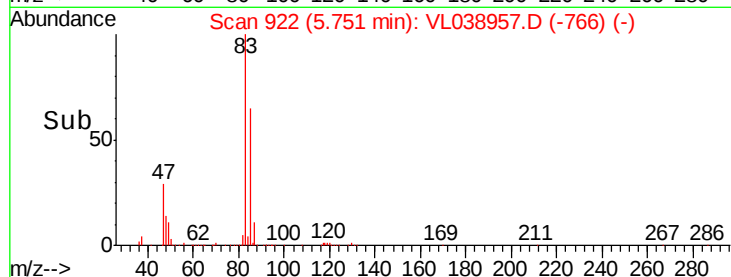
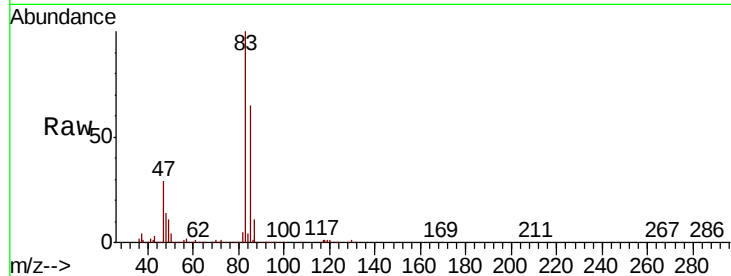


#29
Chloroform
Concen: 9.162 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
83 100
85 64.

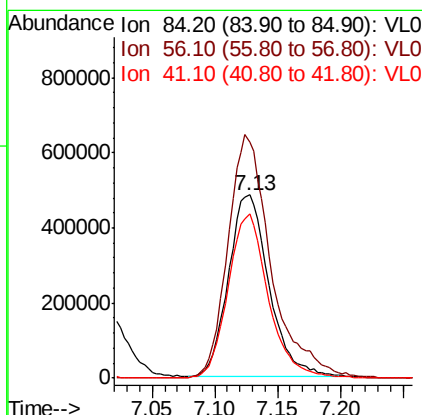
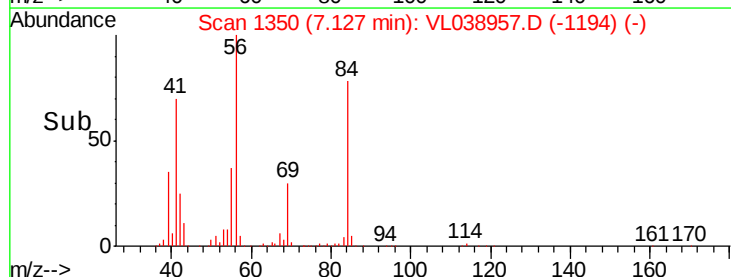
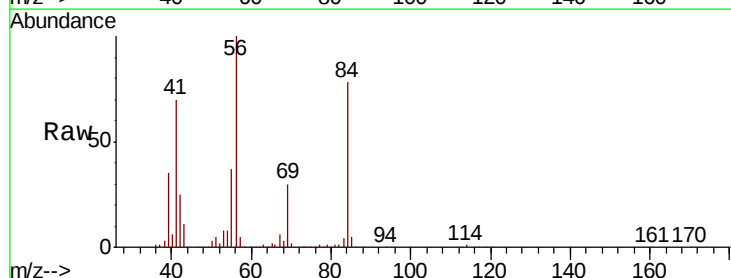
Manual Integrations
APPROVED

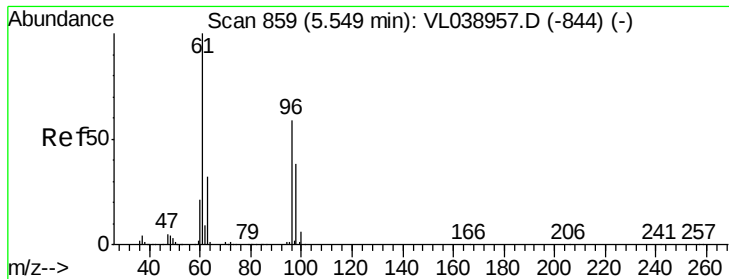
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 9.172 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 84 Resp: 1086032
Ion Ratio Lower Upper
84 100
56 144.1 115.3 172.9
41 90.0 72.0 108.0



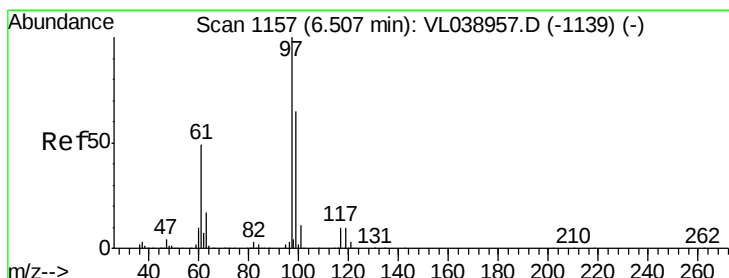
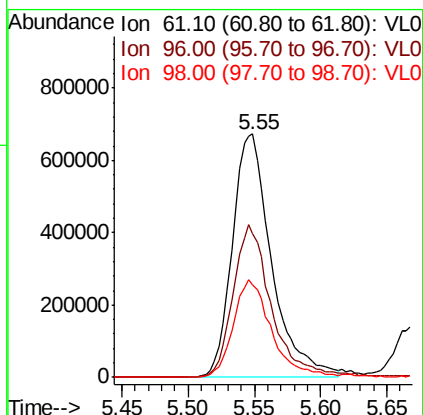
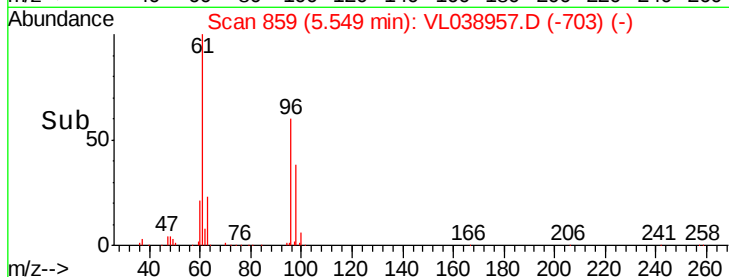
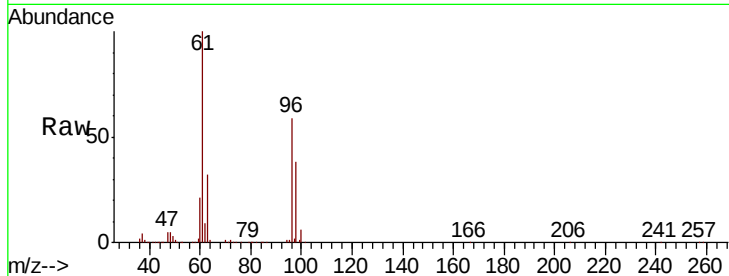


#31
 cis-1,2-Dichloroethene
 Concen: 9.684 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 2:43

Tot Ion:
 Ion Ratio
 61 100
 96 59.
 98 38.

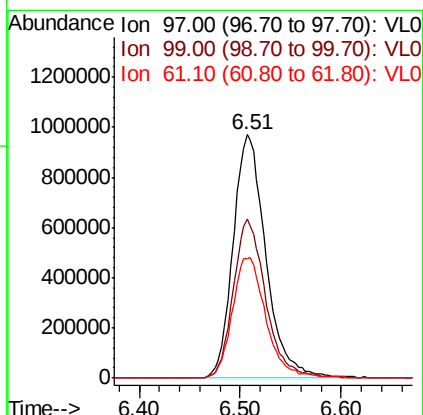
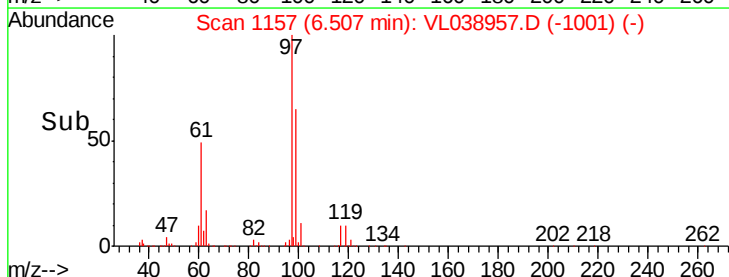
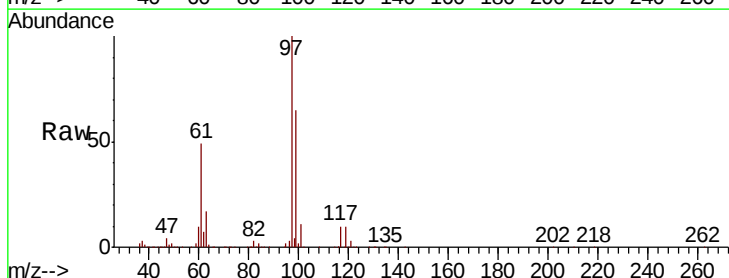
Manual Integrations
 APPROVED

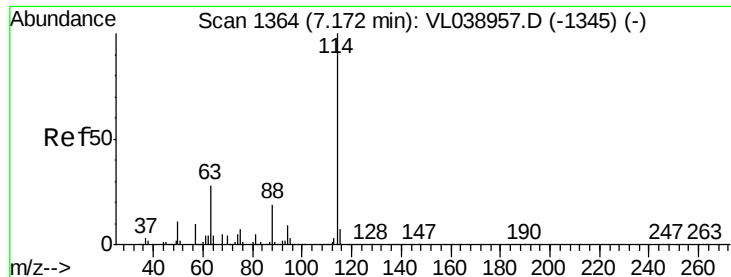
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.141 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion: 97 Resp: 2186237
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.9 77.9
 61 51.2 40.9 61.3



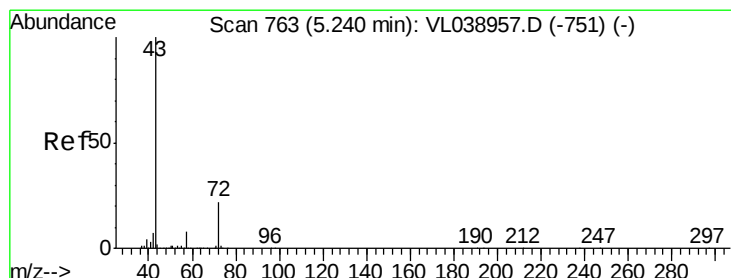
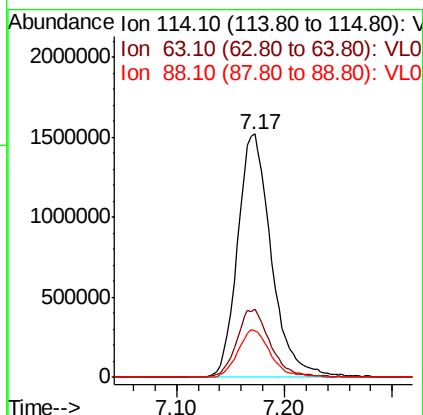
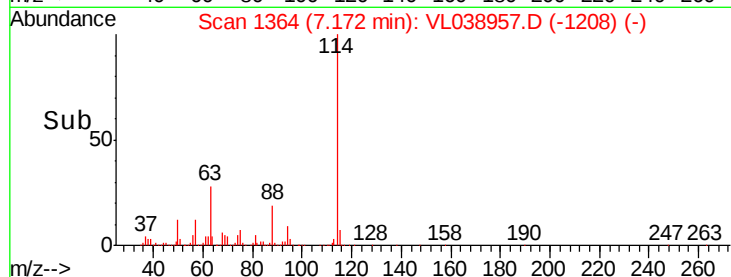
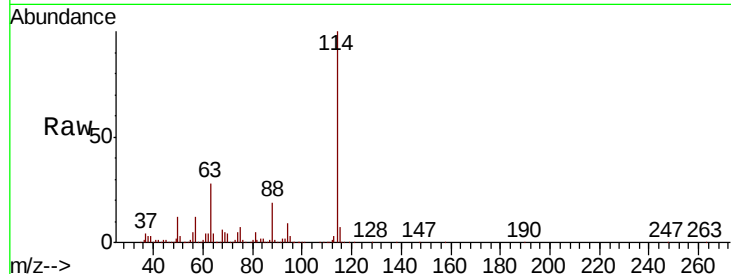


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

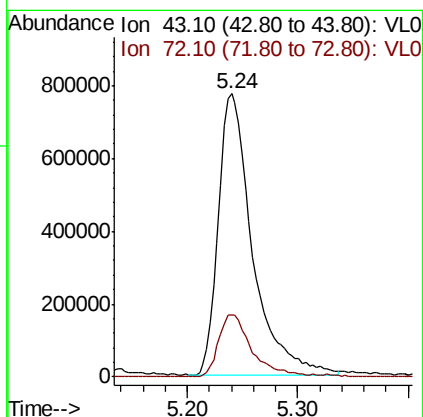
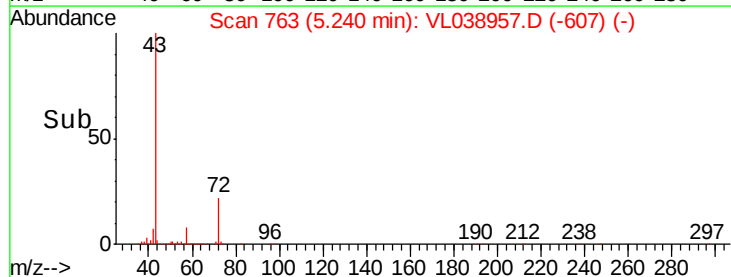
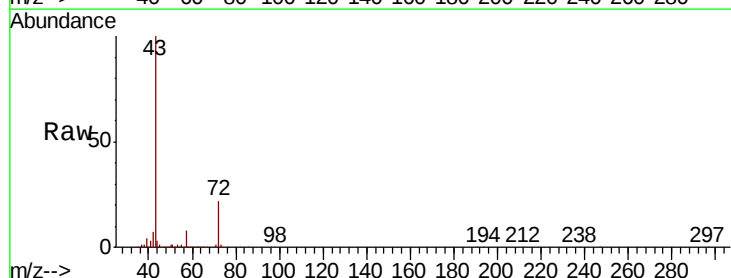
Manual Integrations
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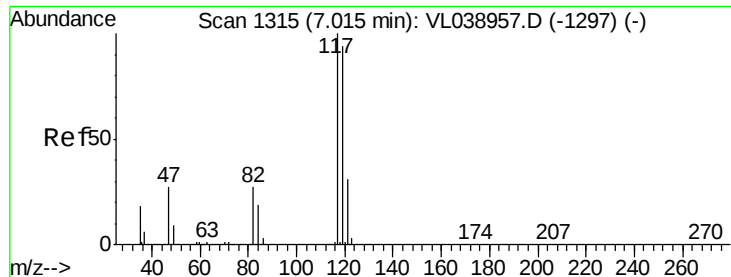
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 10.153 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T.: 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion: 43 Resp: 1668153
 Ion Ratio Lower Upper
 43 100
 72 22.5 17.8 26.6



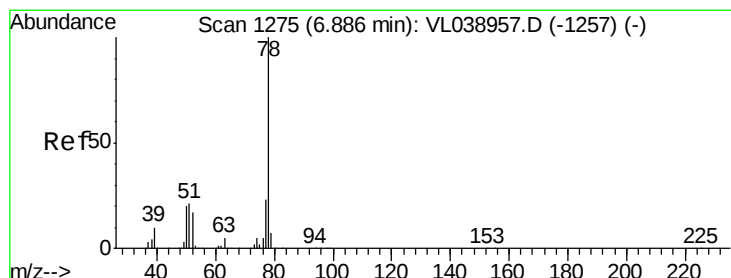
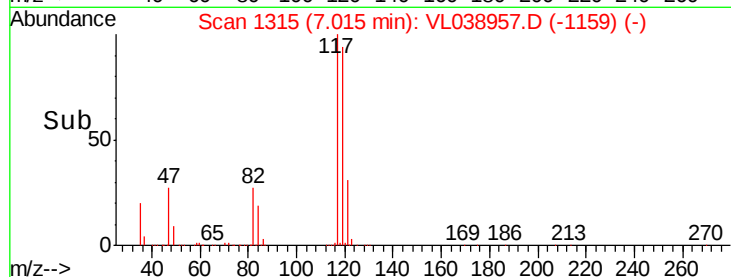
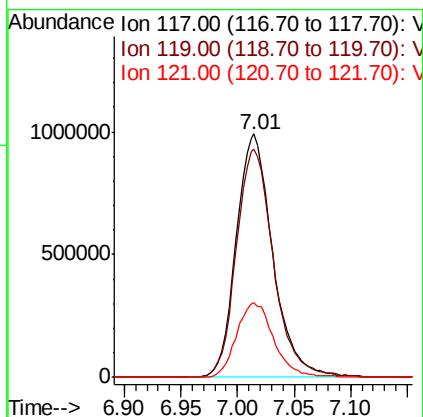
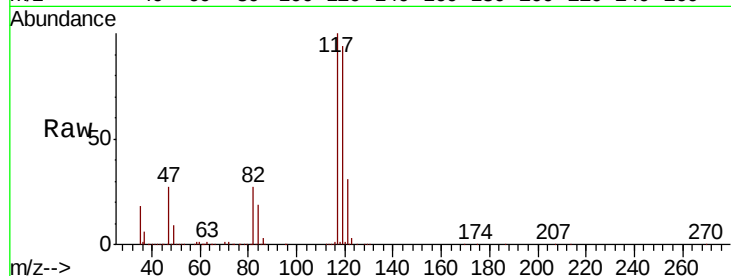


#35
Carbon Tetrachloride
Concen: 8.765 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:1
Ion Rati
117 100
119 94.
121 30.

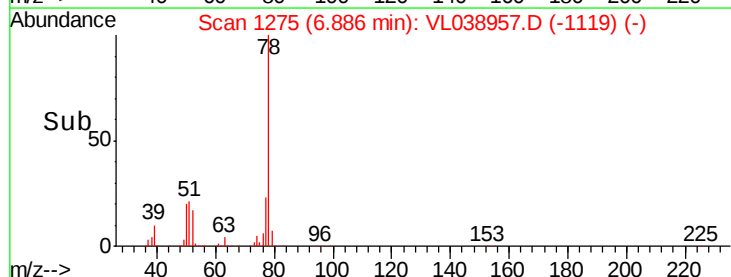
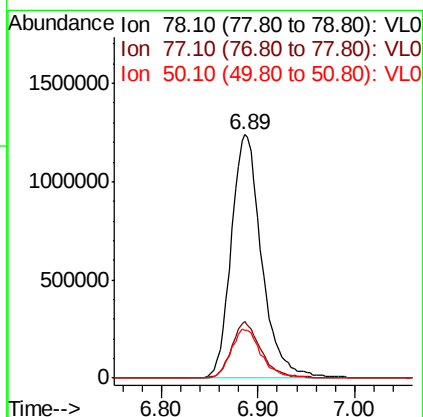
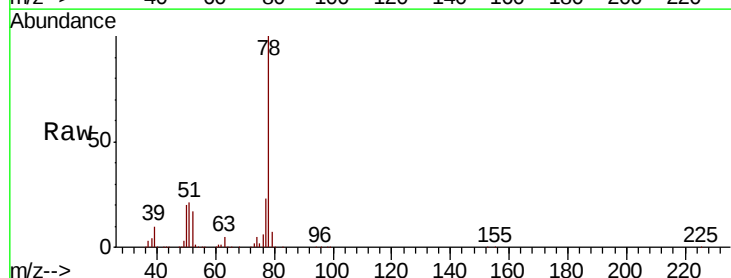
Manual Integrations
APPROVED

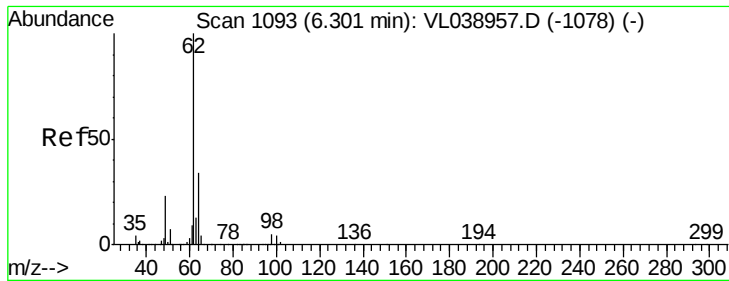
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#36
Benzene
Concen: 8.965 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 78 Resp: 2707367
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0
50 19.5 15.6 23.4



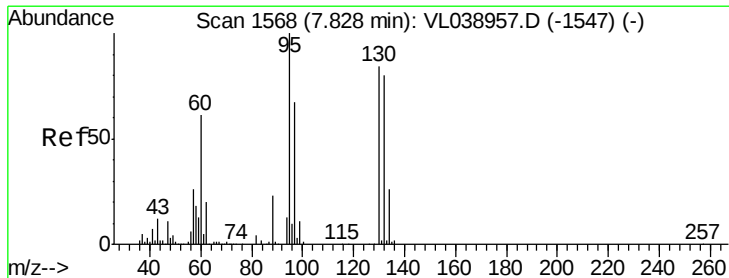
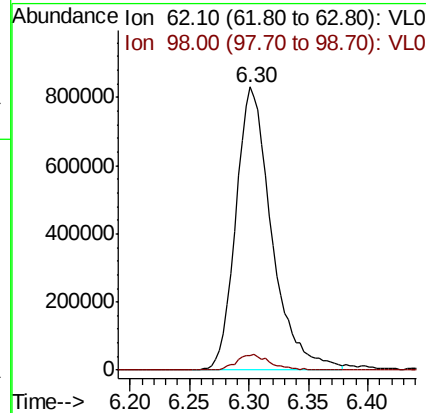
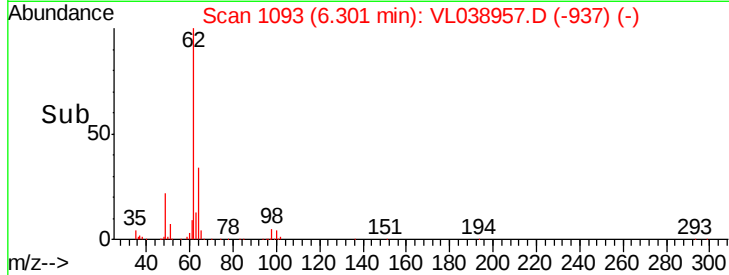
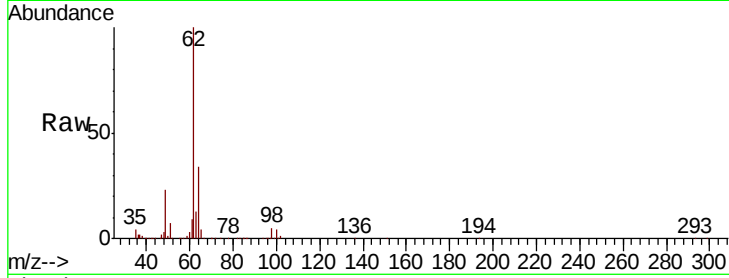


#37
 1,2-Dichloroethane
 Concen: 9.609 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:
 Ion Ratio
 62 100
 98 5.

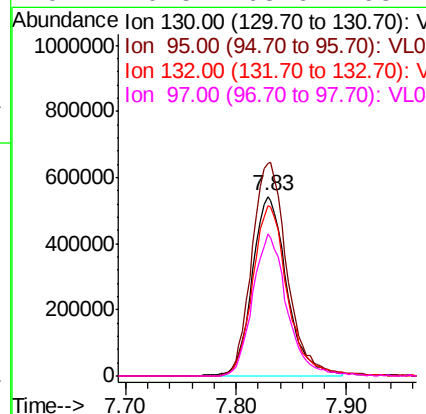
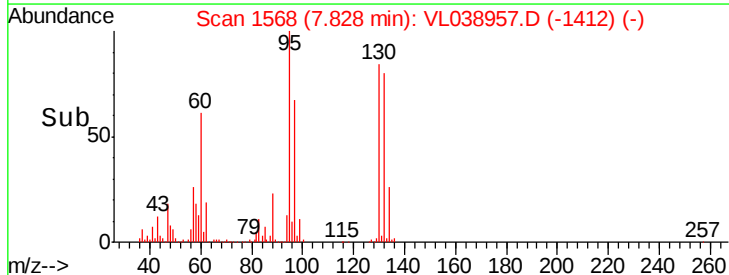
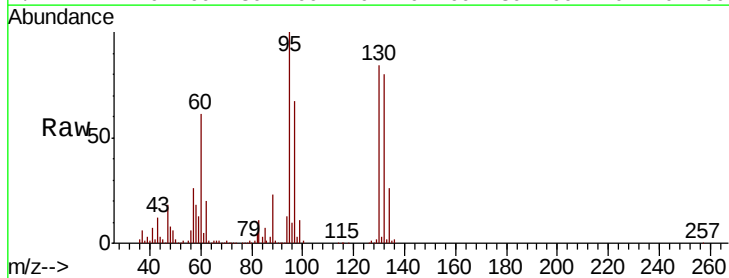
Manual Integrations
 APPROVED

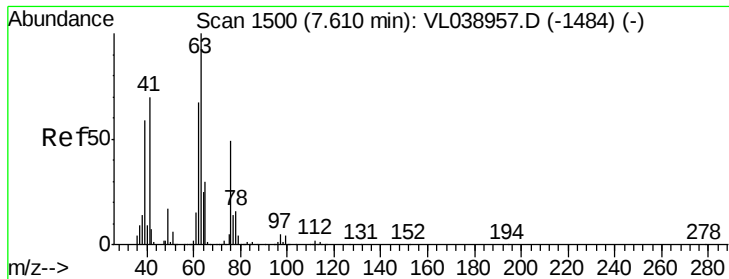
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 9.717 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:130 Resp: 1174951
 Ion Ratio Lower Upper
 130 100
 95 118.5 94.8 142.2
 132 94.8 75.8 113.8
 97 79.5 63.6 95.4



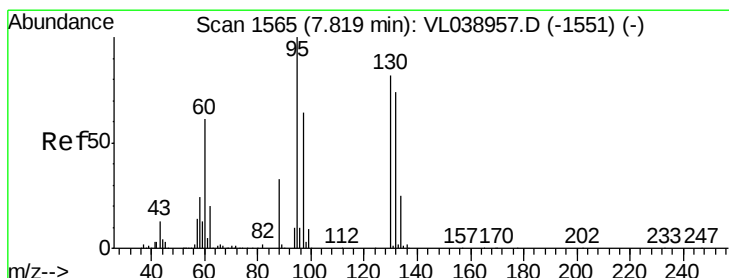
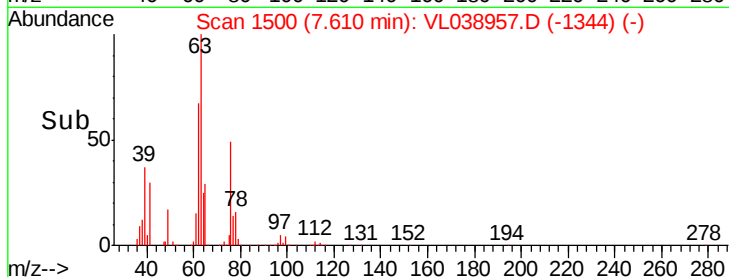
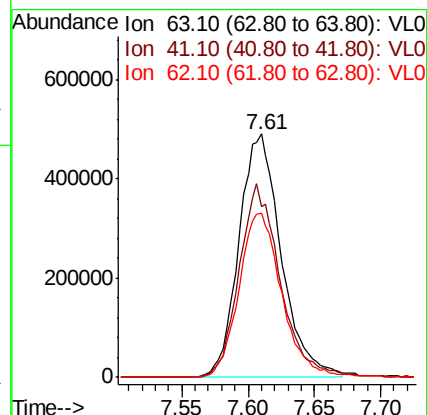
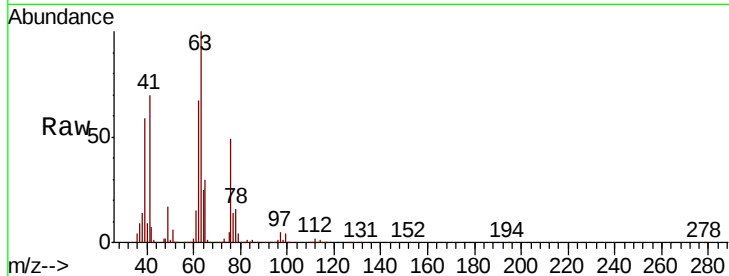


#39
 1,2-Dichloropropane
 Concen: 8.820 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:
 Ion Ratio
 63 100
 41 69.
 62 67.

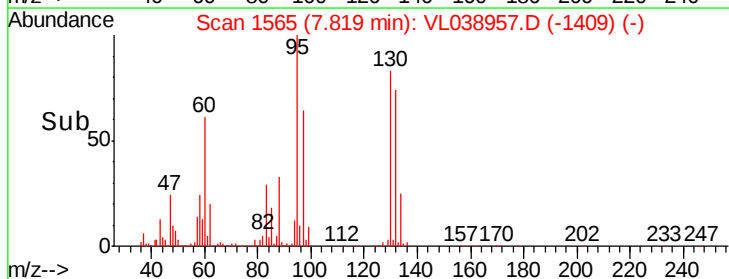
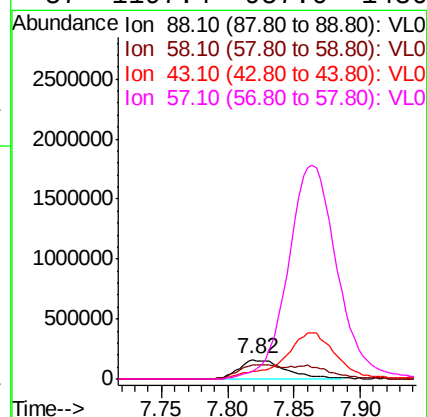
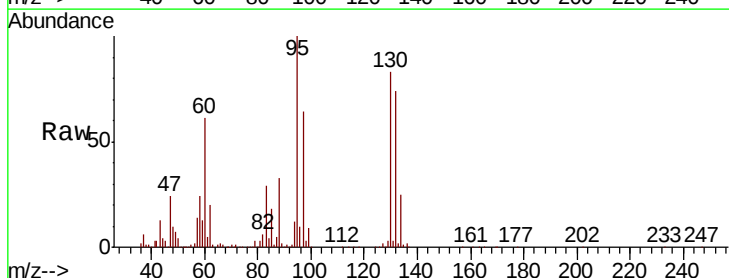
Manual Integrations
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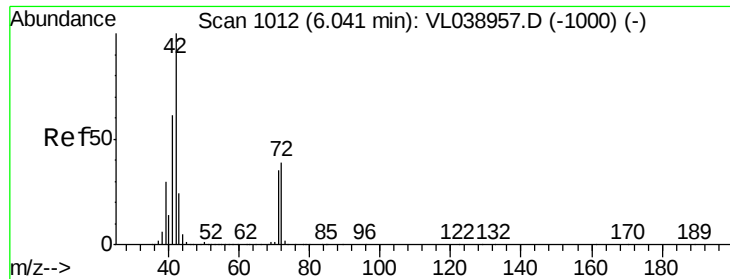
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#40
 1,4-Dioxane
 Concen: 12.369 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion: 88 Resp: 388399
 Ion Ratio Lower Upper
 88 100
 58 133.2 106.1 159.1
 43 278.8 222.9 334.3
 57 1197.4 957.6 1436.4



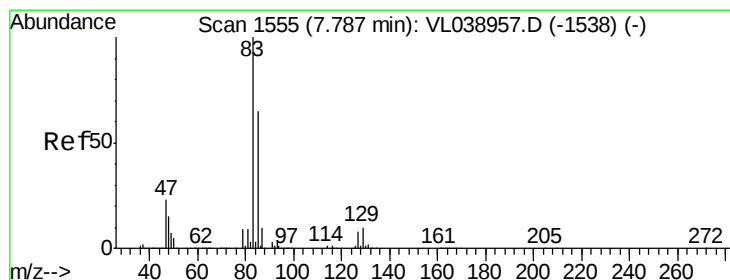
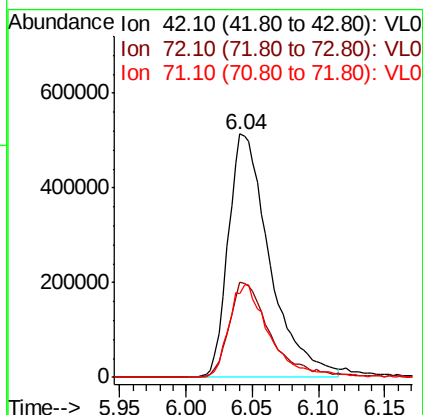
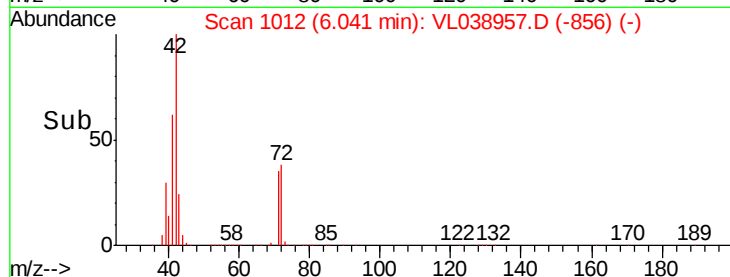
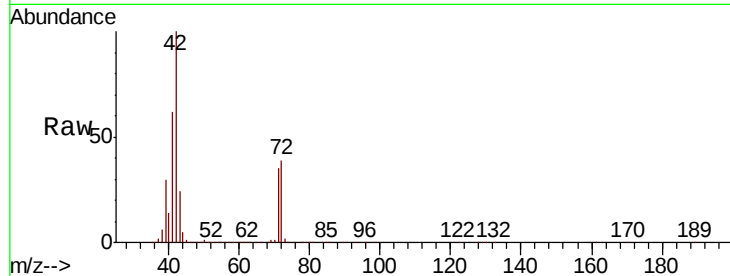


#41
Tetrahydrofuran
Concen: 13.692 ppbv
RT: 6.04
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 5 May 2022 2:43

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

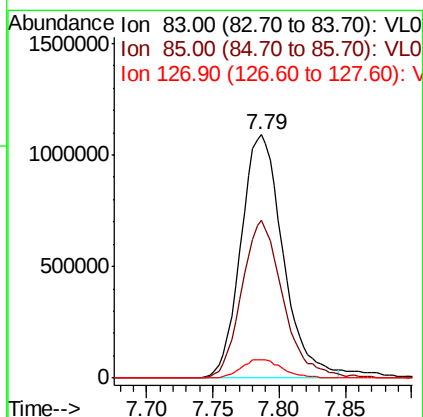
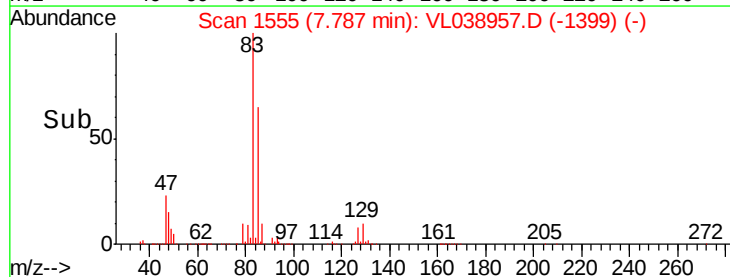
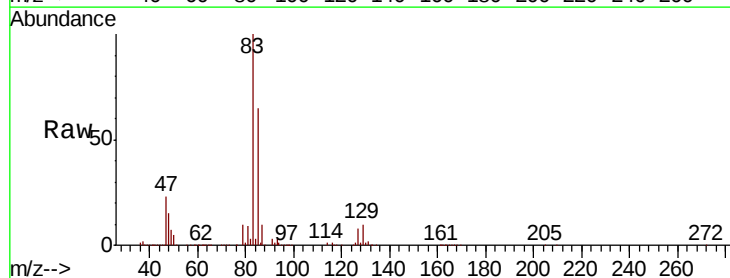
Manual Integrations
APPROVED

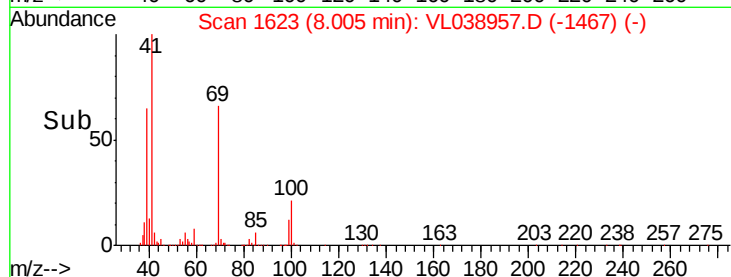
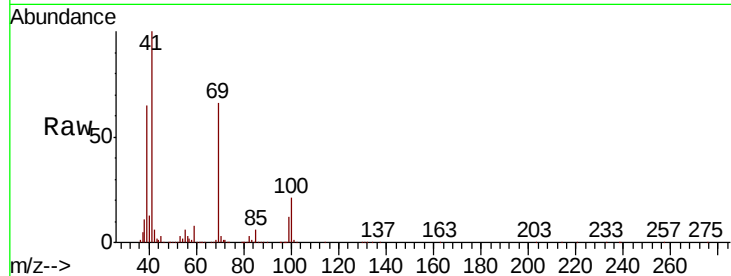
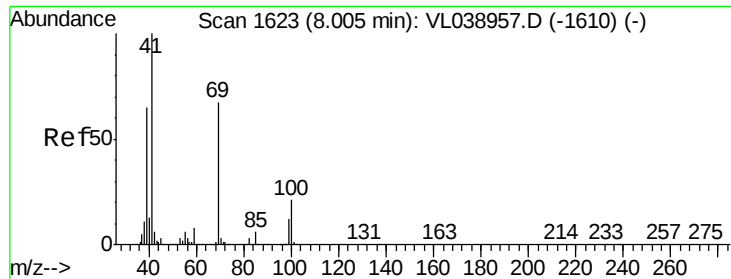
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#42
Bromodichloromethane
Concen: 9.816 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 83 Resp: 2411774
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 7.5 6.0 9.0



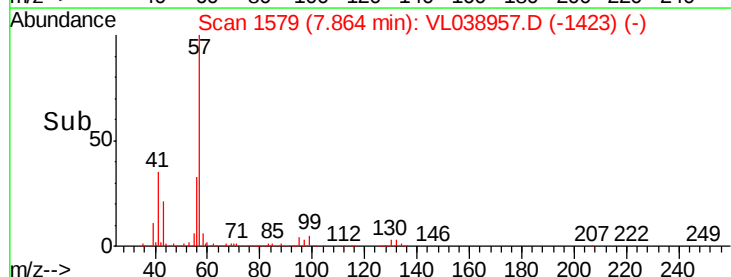
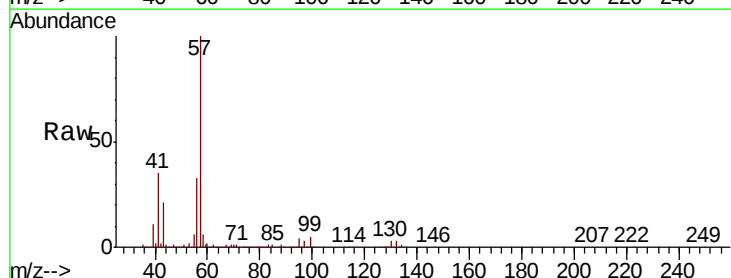
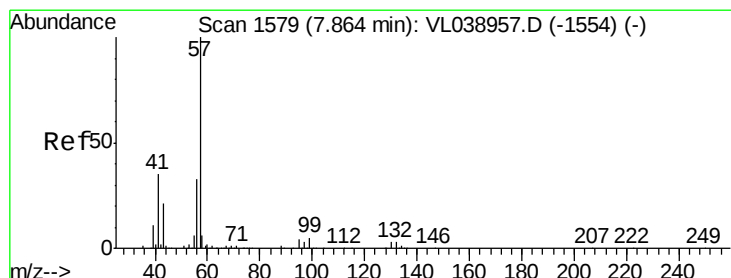
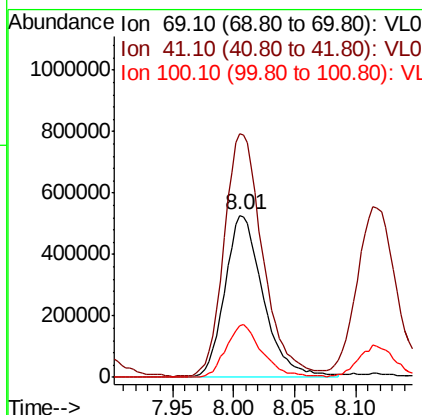


#43
Methvl Methacrvlate
Concen: 11.043 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
69 100
41 152.
100 30.

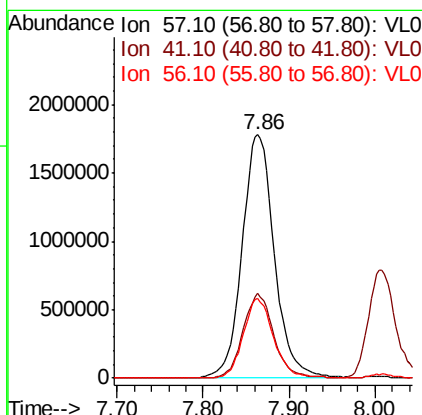
Manual Integrations
APPROVED

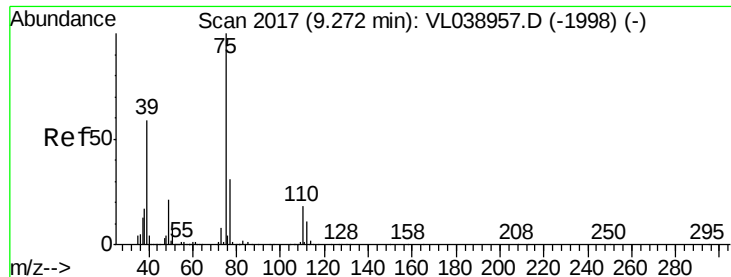
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#44
2,2,4-Trimethylpentane
Concen: 8.682 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 57 Resp: 4637070
Ion Ratio Lower Upper
57 100
41 33.0 26.3 39.5
56 30.8 24.6 37.0



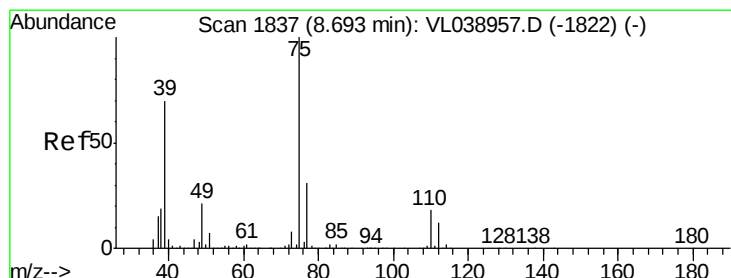
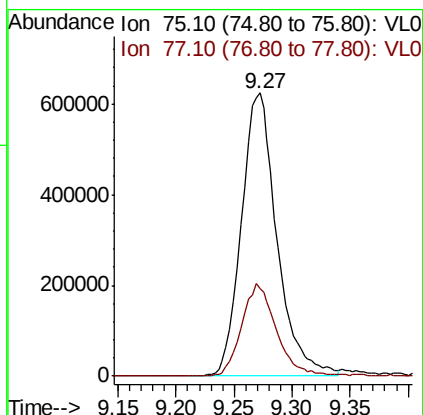
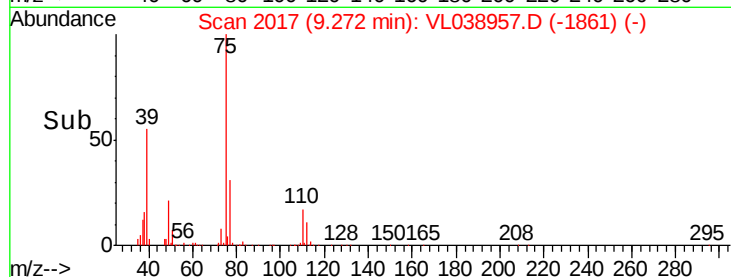
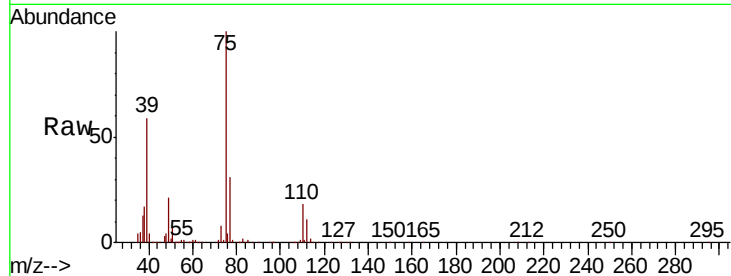


#45
t-1,3-Dichloropropene
Concen: 11.242 ppbv
RT: 9.27
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
75 100
77 30.

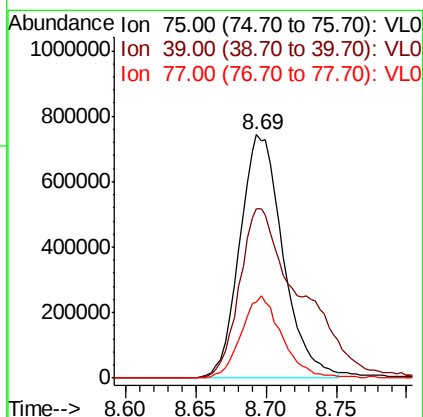
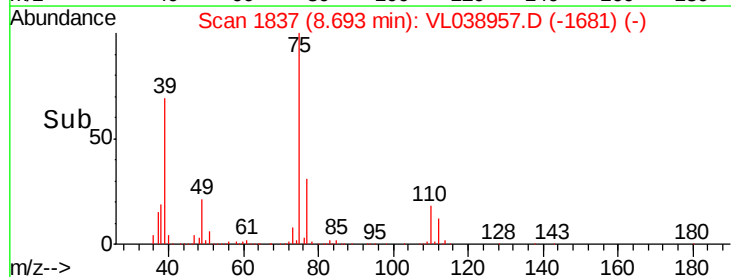
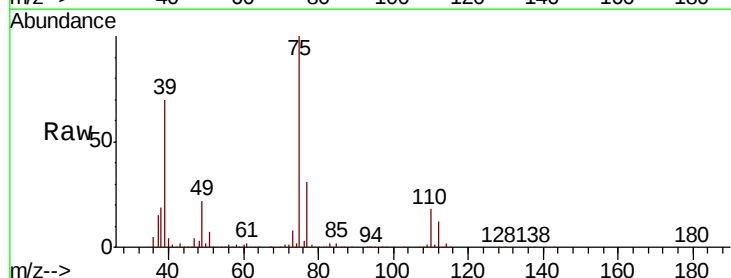
Manual Integrations
APPROVED

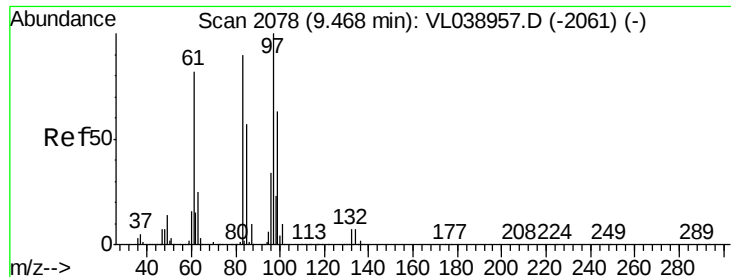
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#46
cis-1,3-Dichloropropene
Concen: 10.630 ppbv
RT: 8.69 min Scan# 1837
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 75 Resp: 1595585
Ion Ratio Lower Upper
75 100
39 69.7 55.8 83.6
77 31.0 24.8 37.2



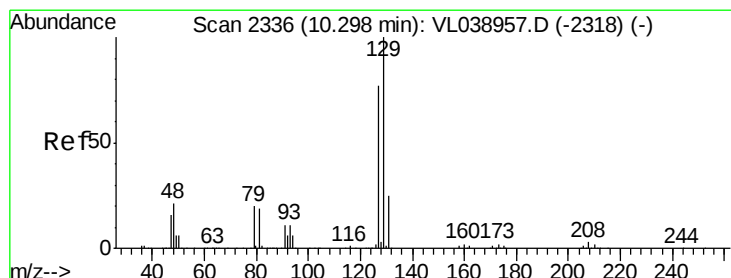
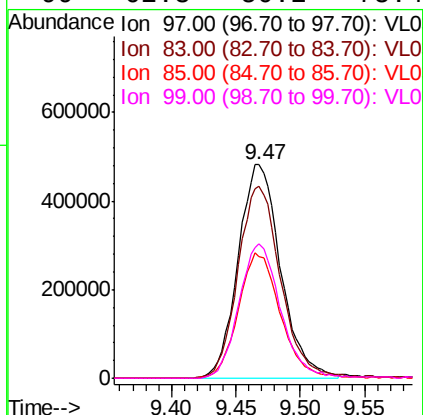
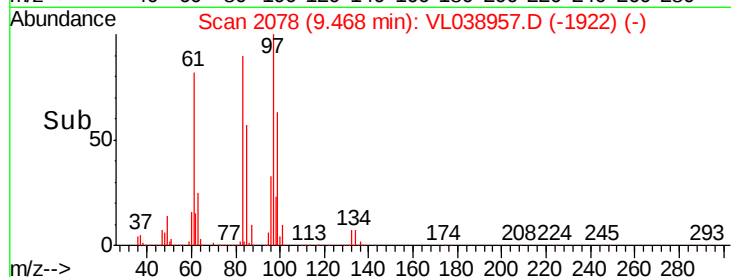
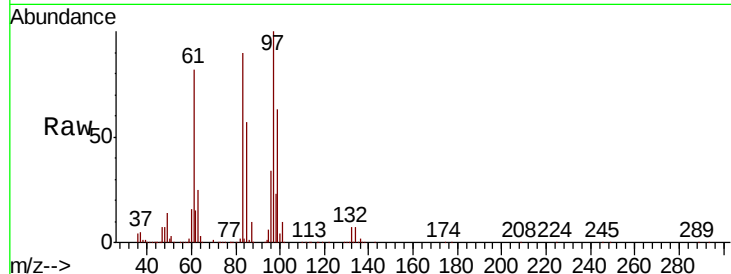


#47
 1,1,2-Trichloroethane
 Concen: 8.878 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 57.
 99 62.8 50.2 75.4

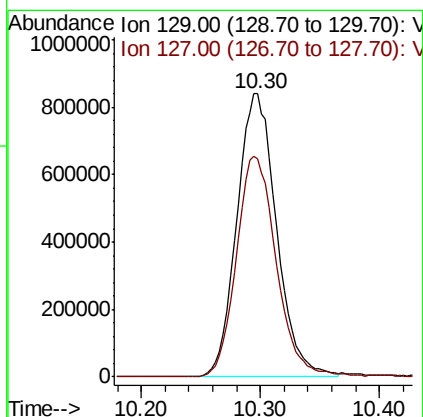
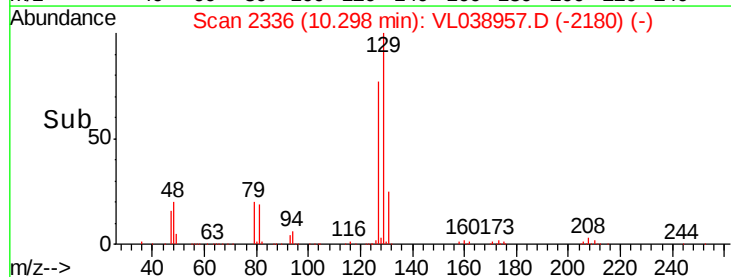
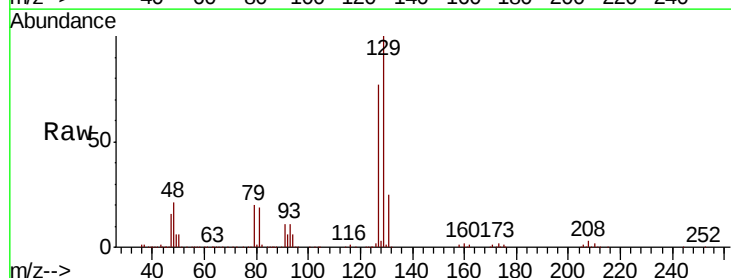
Manual Integrations
 APPROVED

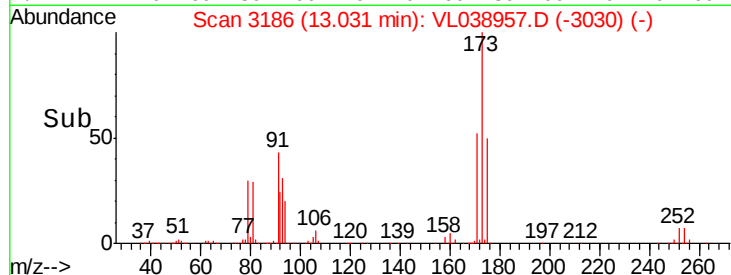
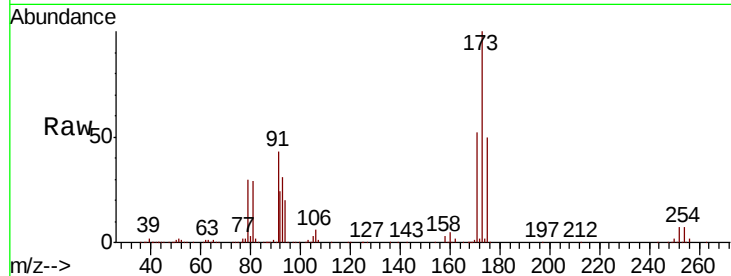
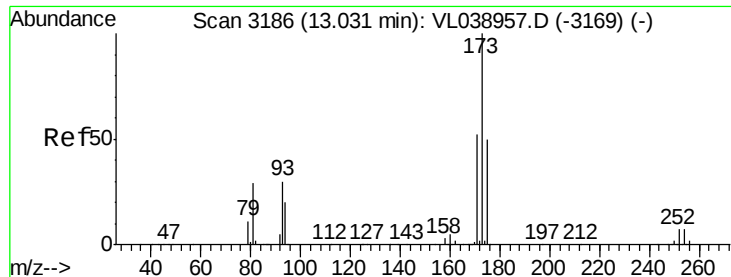
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#48
 Dibromochloromethane
 Concen: 10.120 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:129 Resp: 1937184
 Ion Ratio Lower Upper
 129 100
 127 79.0 39.3 117.9





#49

Bromoform

Concen: 10.038 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 2:43

Tot Ion:1

Ion Rati

173 100

175 50.

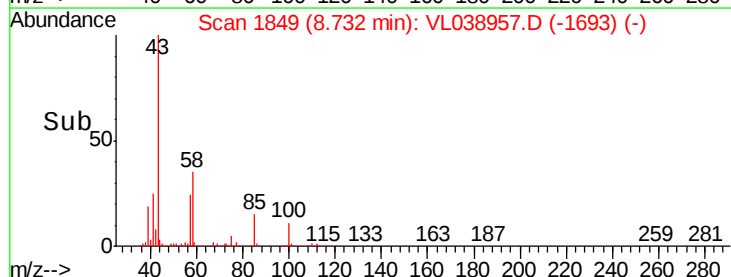
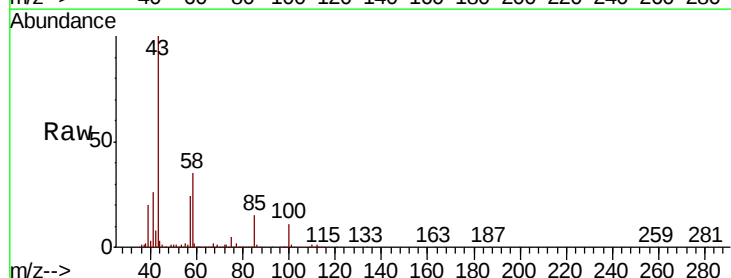
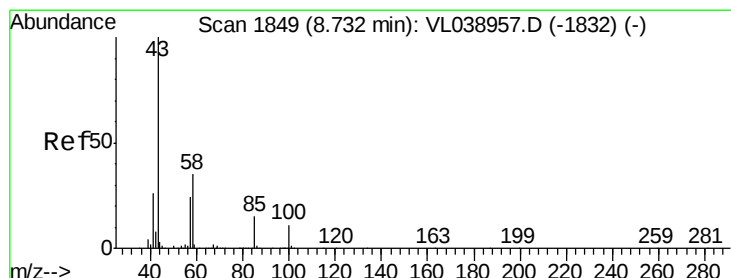
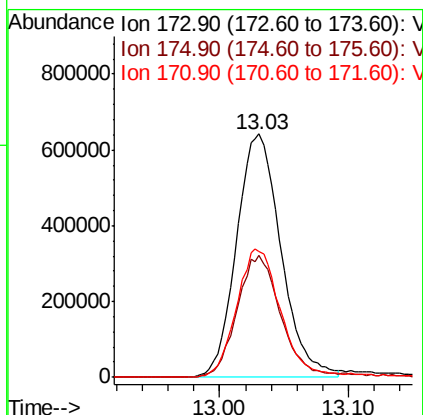
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#50

4-Methyl-2-Pentanone

Concen: 11.927 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. 0.00 min

Lab File: VL038957.D

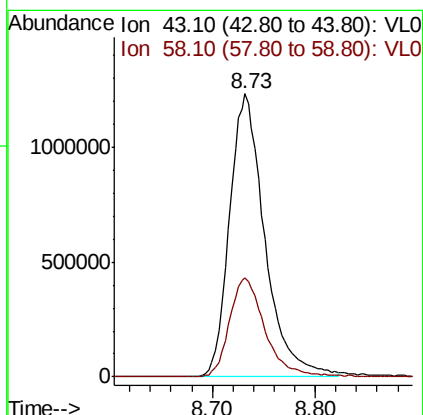
Acq: 5 May 2022 2:43

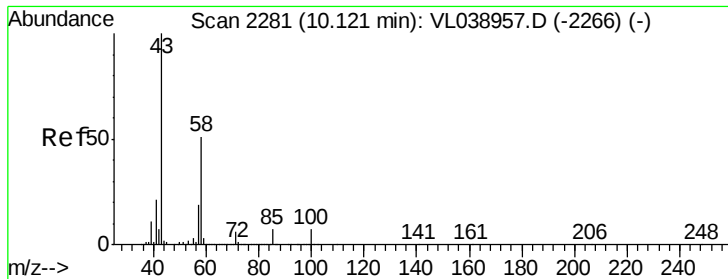
Tgt Ion: 43 Resp: 2929512

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



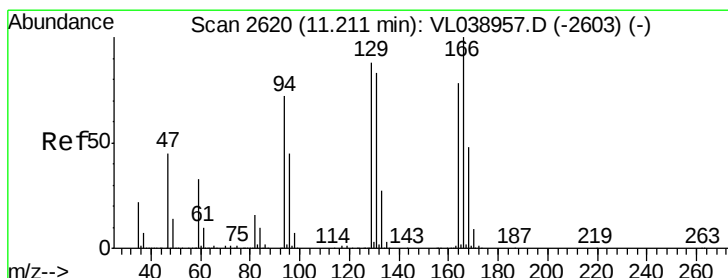
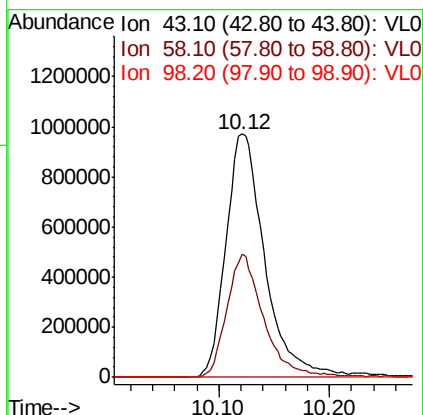
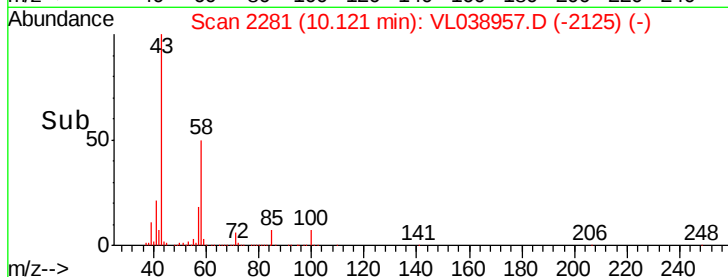
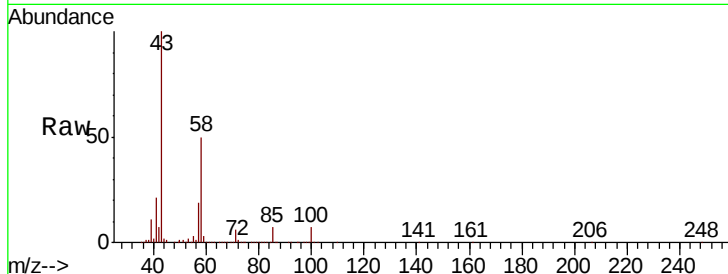


#51
2-Hexanone
Concen: 16.931 ppbv
RT: 10.12 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.0

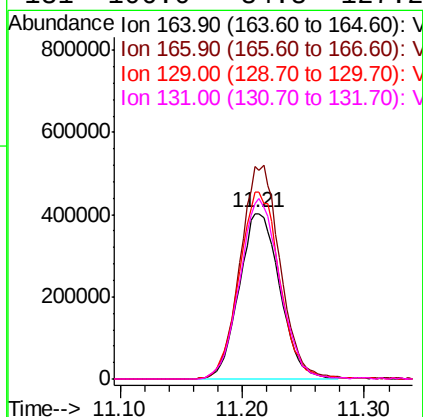
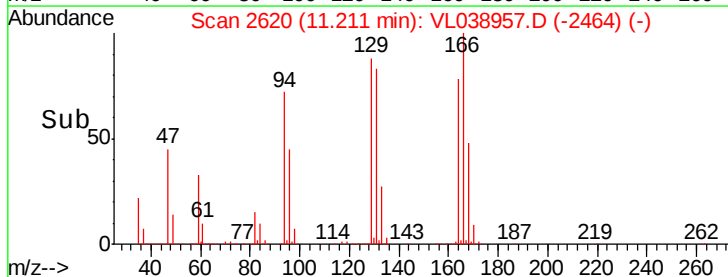
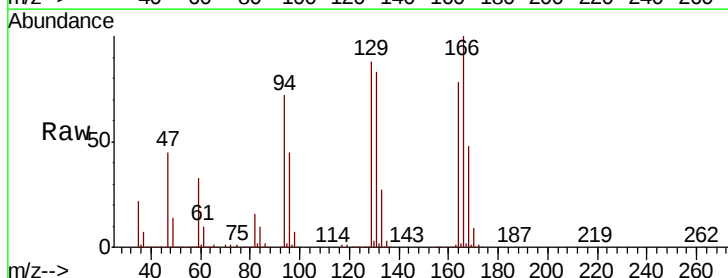
Manual Integrations
APPROVED

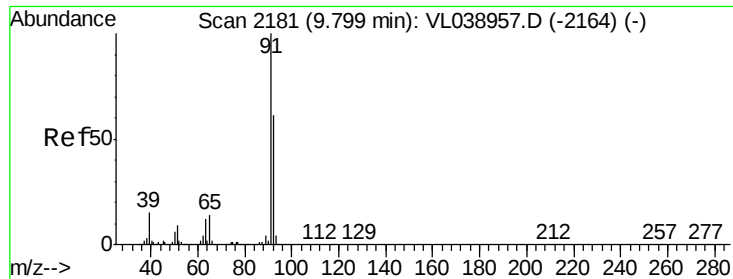
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 8.306 ppbv
RT: 11.21 min Scan# 2620
Delta R.T.: 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion:164 Resp: 926097
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 112.6 90.1 135.1
131 106.0 84.8 127.2





#53

Toluene

Concen: 9.605 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 2:43 VSTDICCC010

Tot Ion:

Ion Ratio

91 100

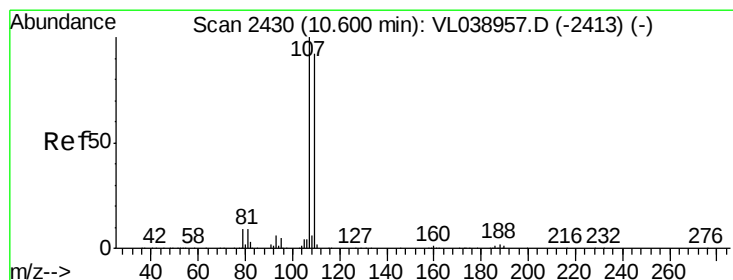
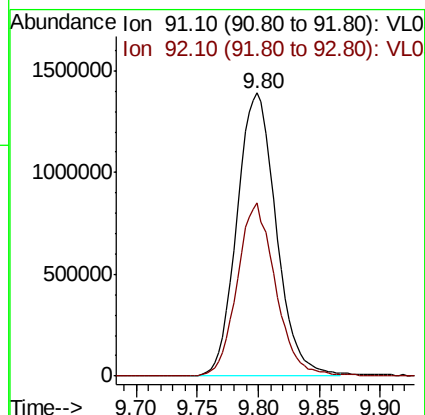
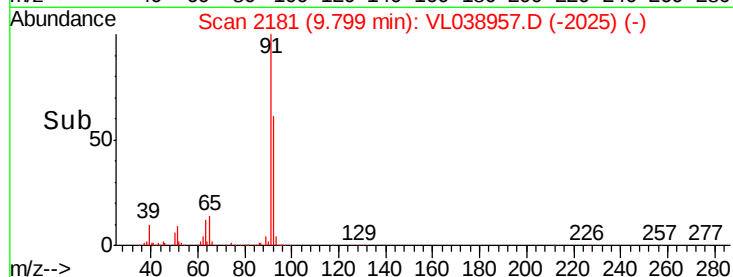
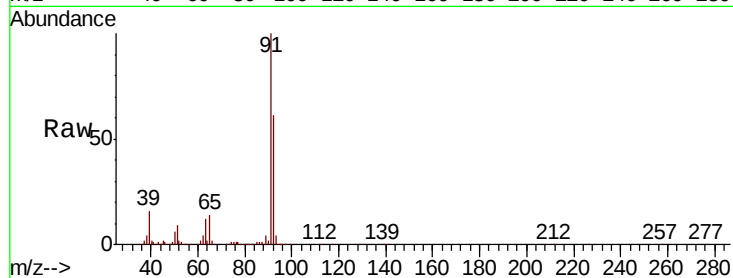
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#54

1,2-Dibromoethane

Concen: 9.043 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VL038957.D

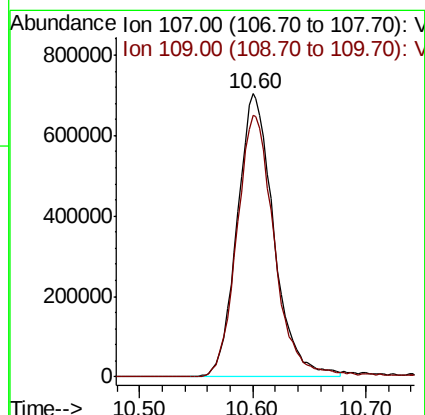
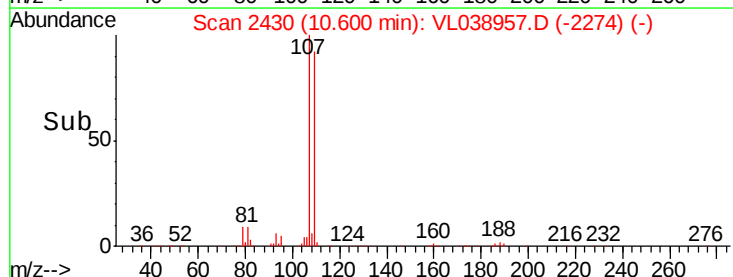
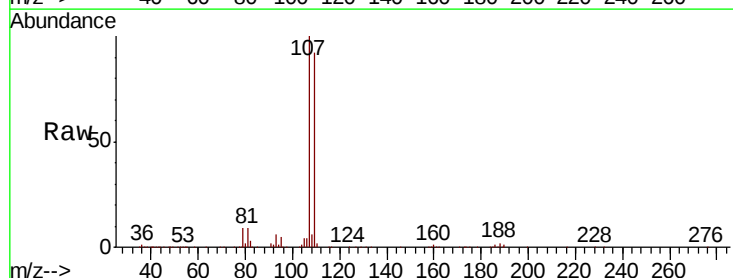
Acq: 5 May 2022 2:43

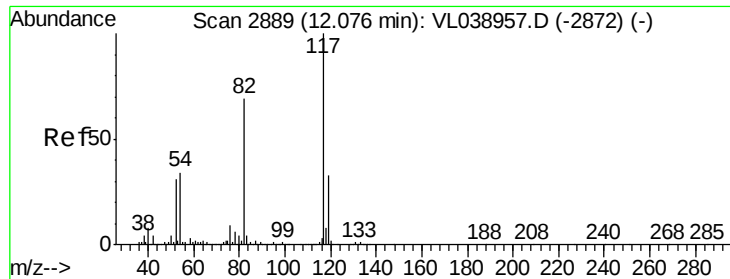
Tgt Ion:107 Resp: 1585476

Ion Ratio Lower Upper

107 100

109 92.3 73.8 110.8



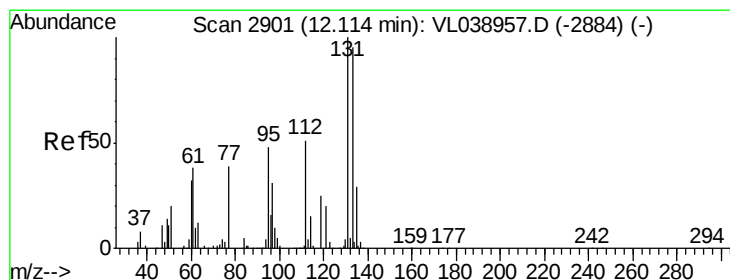
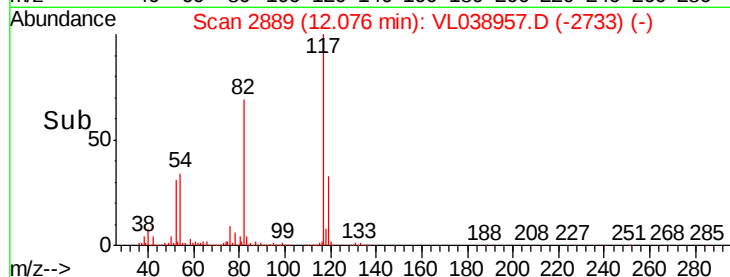
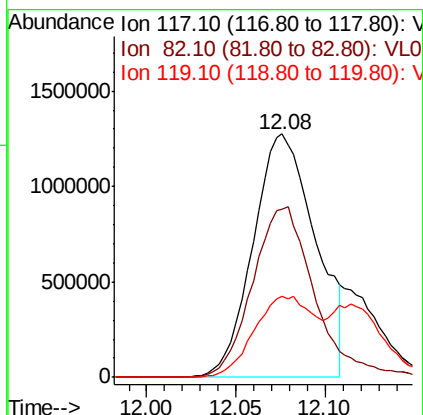
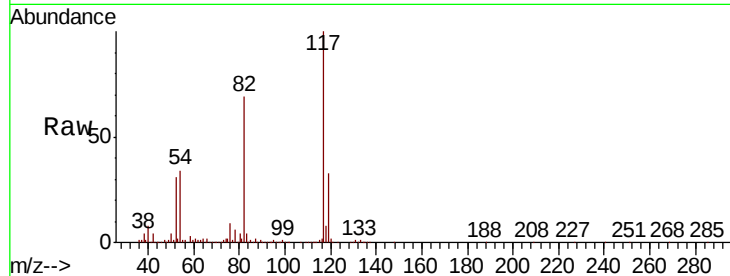


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:1
Ion Rati
117 100
82 70.
119 30.

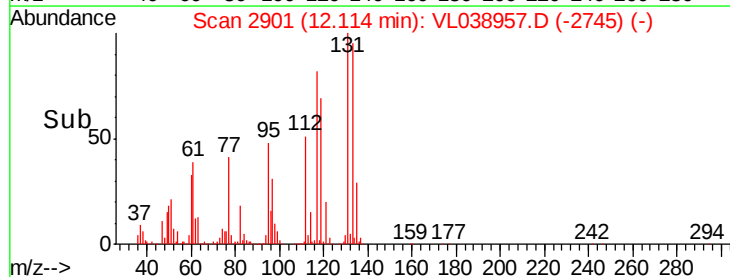
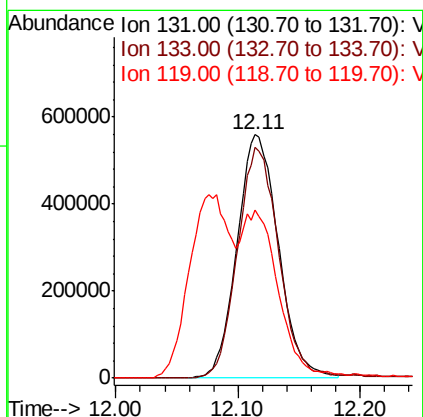
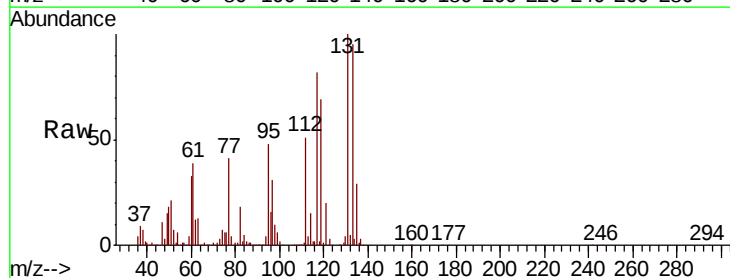
Manual Integrations
APPROVED

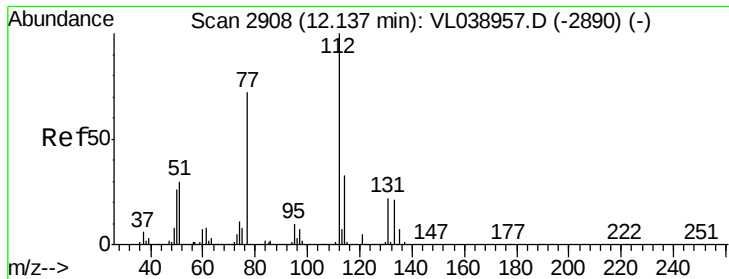
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.380 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion:131 Resp: 1310675
Ion Ratio Lower Upper
131 100
133 96.1 76.9 115.3
119 67.3 47.4 71.0



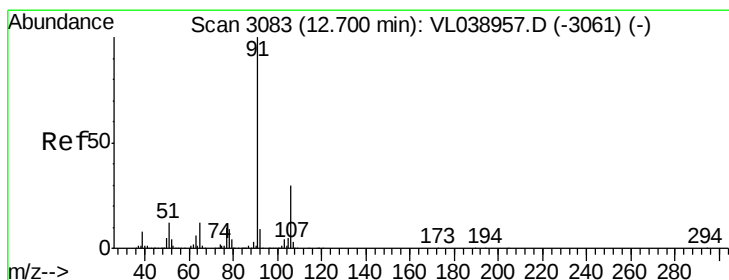
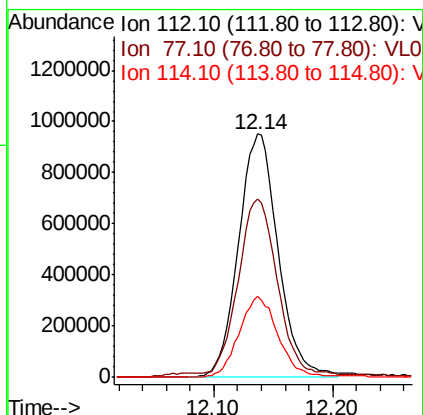
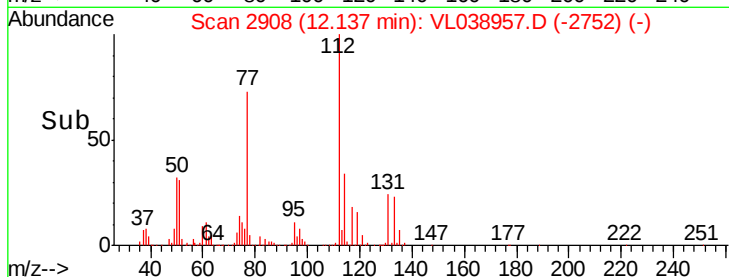
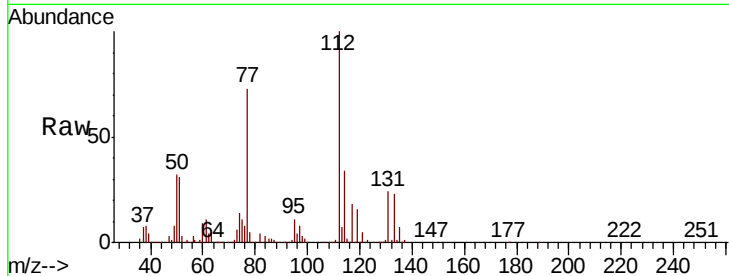


#57
Chlorobenzene
Concen: 8.437 ppbv
RT: 12.14 min
Delta R.T. 0.00 min
Lab File: VSTDICCC010
Acq: 5 May 2022 2:43

Manual Integrations
APPROVED

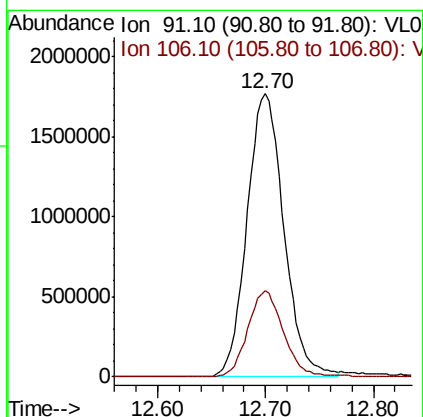
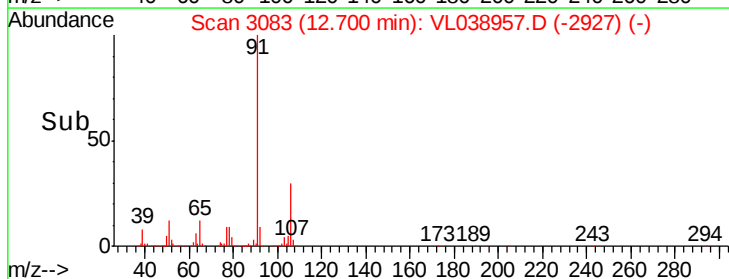
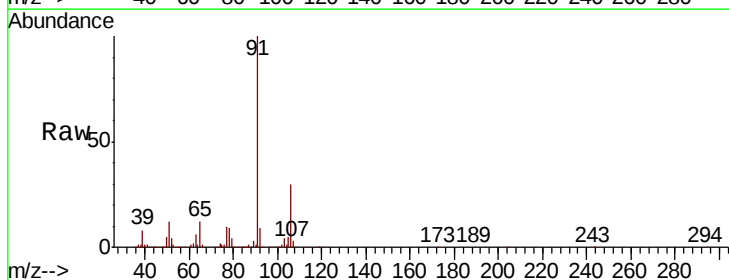
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022

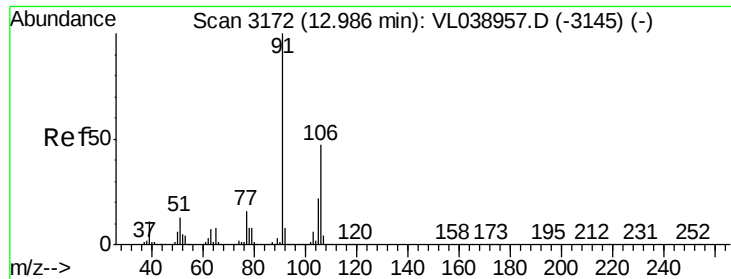
Tot Ion:1
Ion Rati
112 100
77 72.
114 33.



#58
Ethyl Benzene
Concen: 9.411 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 91 Resp: 4197211
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



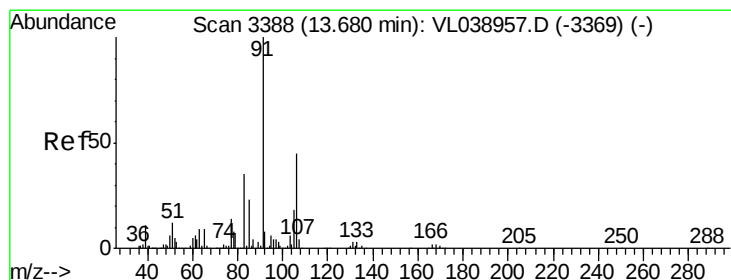
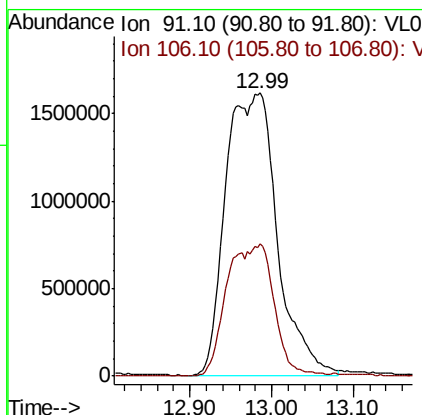
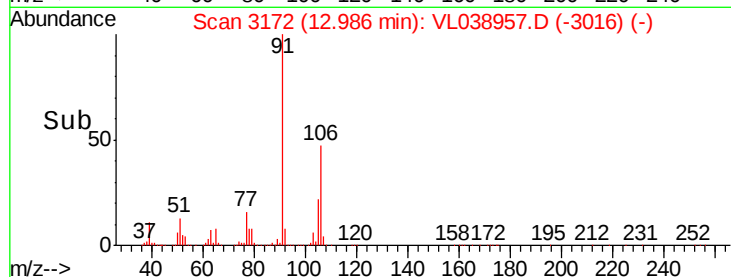
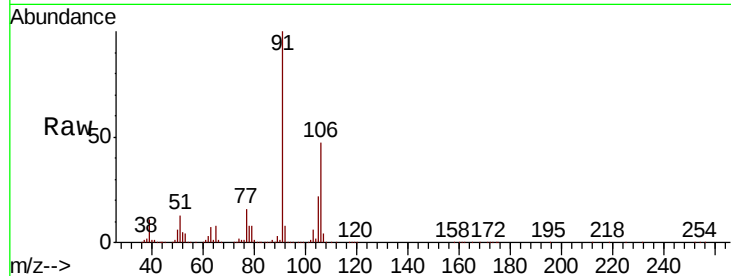


#59
m/p-Xylene
Concen: 18.272 ppbv m
RT: 12.99
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 5 May 2022 2:43

Tot Ion:
Ion Ratio
91 100
106 43.

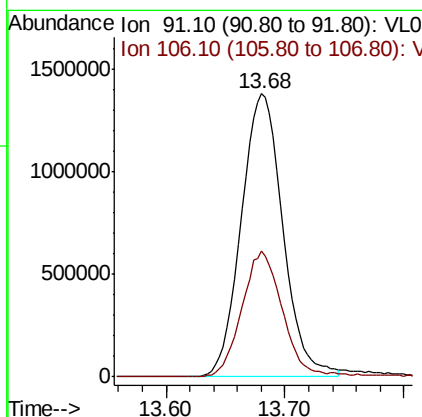
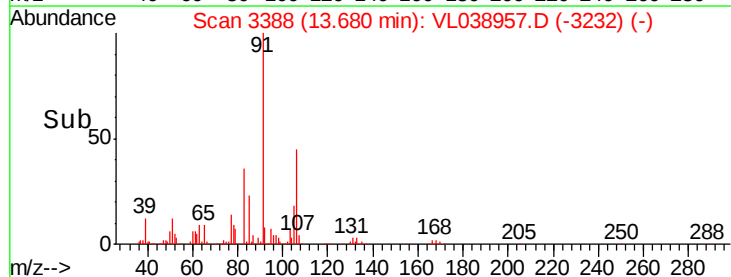
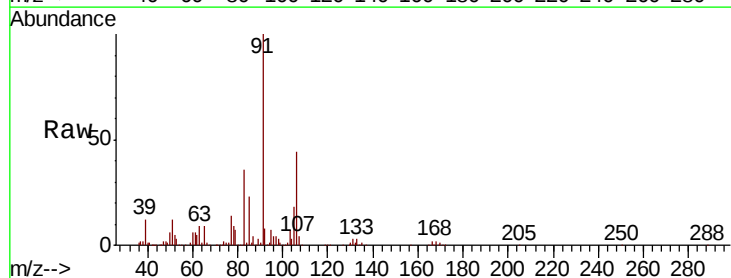
Manual Integrations
APPROVED

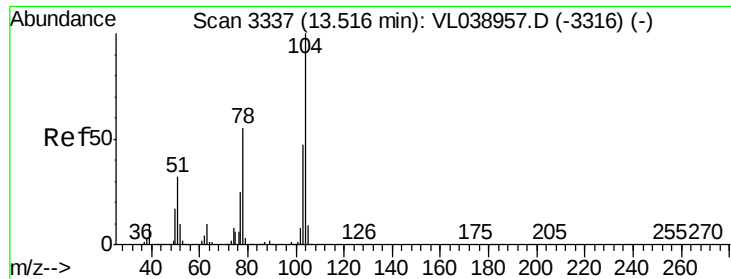
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#60
o-Xylene
Concen: 8.874 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 91 Resp: 3343676
Ion Ratio Lower Upper
91 100
106 44.4 22.2 66.6



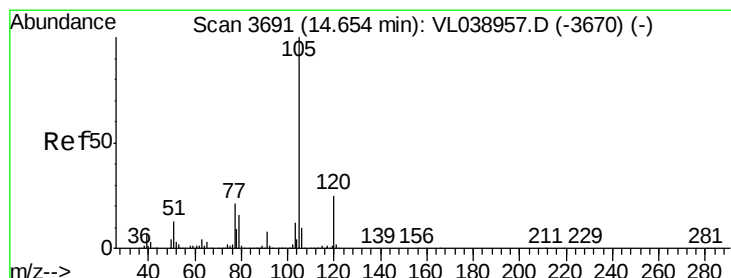
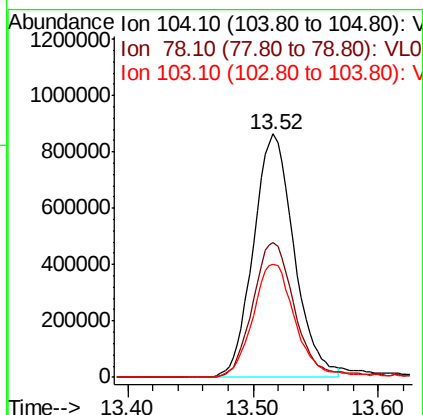
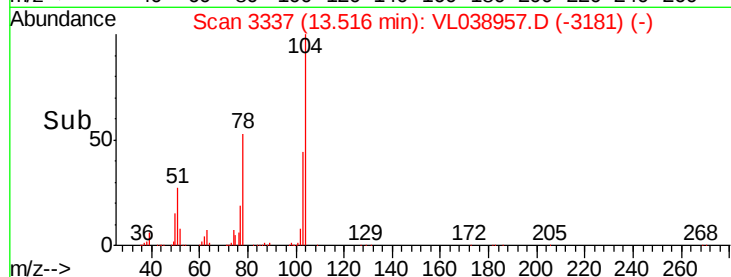
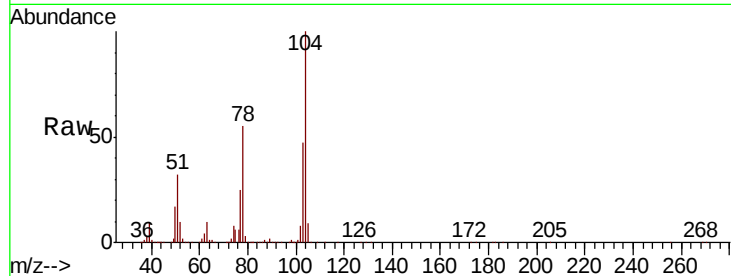


#61
Stvrene
Concen: 10.383 ppbv
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:1
Ion Rati
104 100
78 58.
103 49.

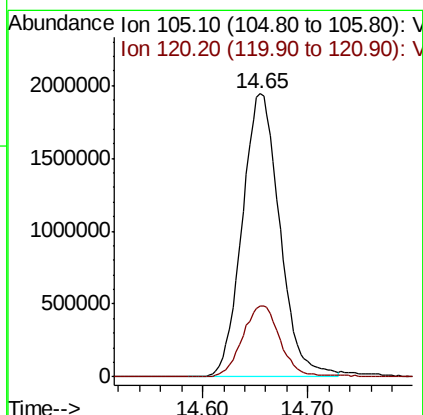
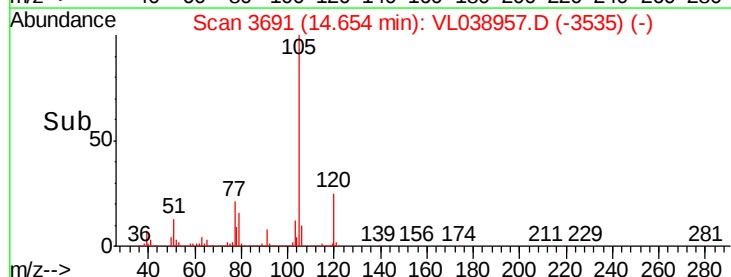
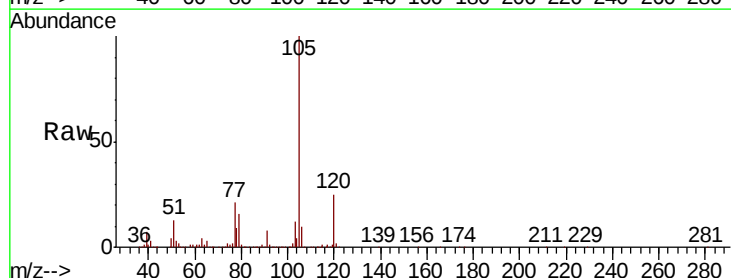
Manual Integrations
APPROVED

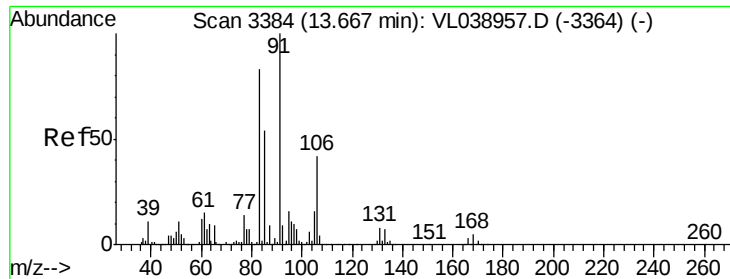
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#62
Isopropylbenzene
Concen: 9.395 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion:105 Resp: 4820833
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7



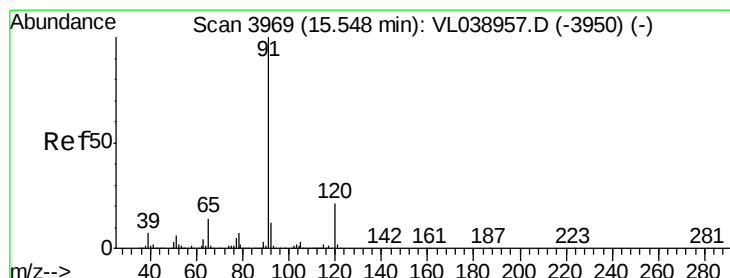
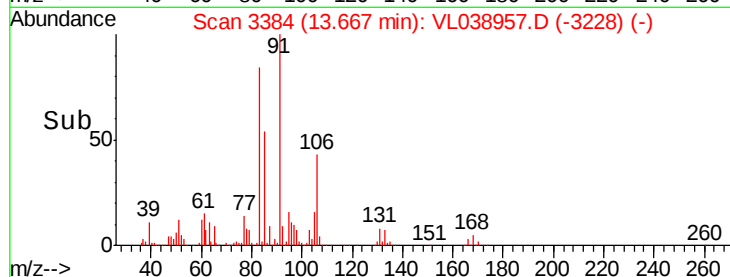
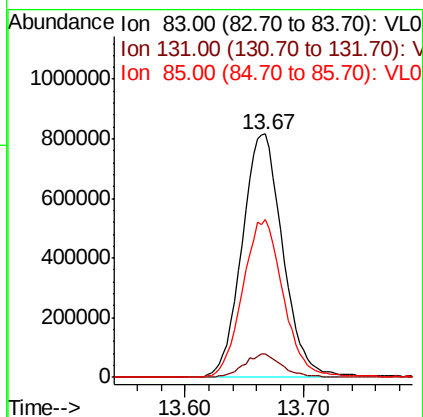
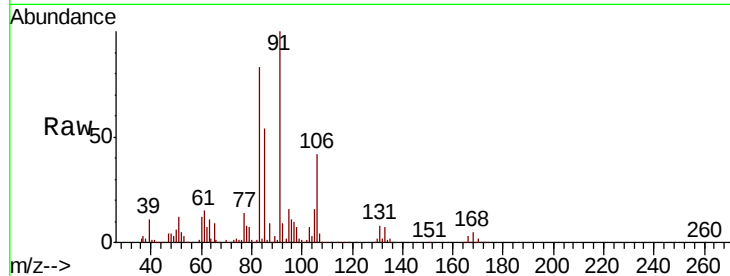


#63
 1,1,2,2-Tetrachloroethane
 Concen: 6.837 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

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

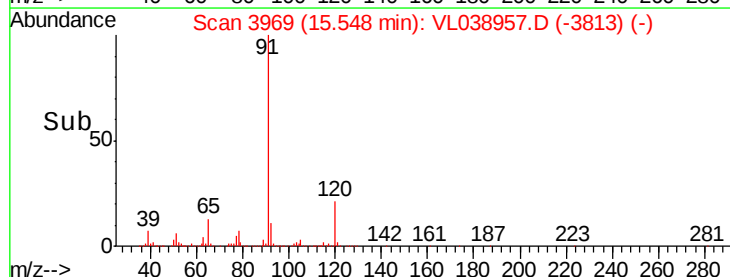
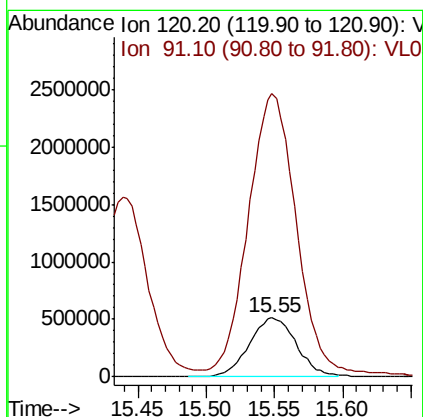
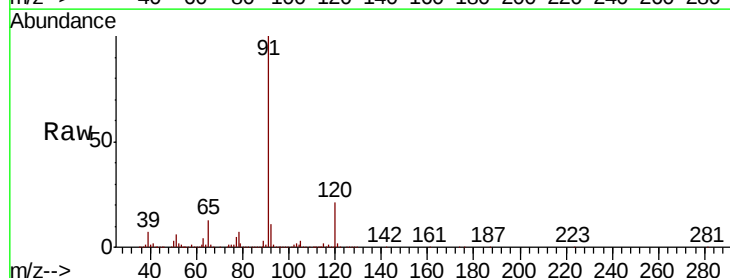
Manual Integrations
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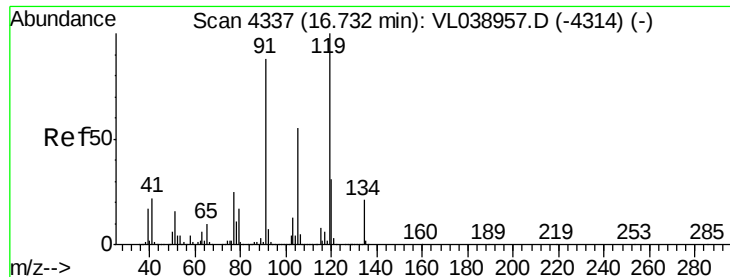
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#64
 n-propylbenzene
 Concen: 9.788 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:120 Resp: 1224975
 Ion Ratio Lower Upper
 120 100
 91 502.6 400.6 601.0



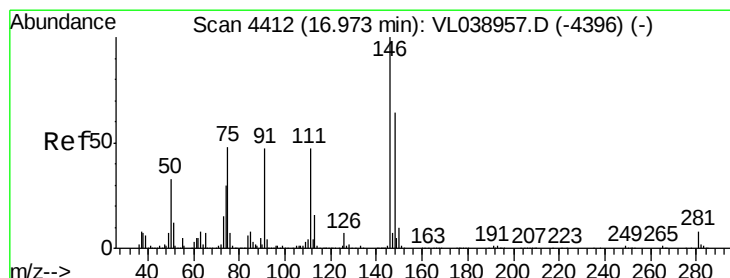
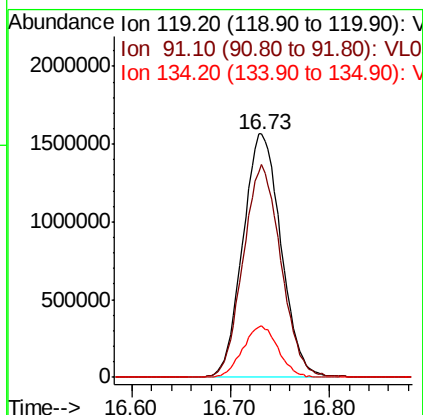
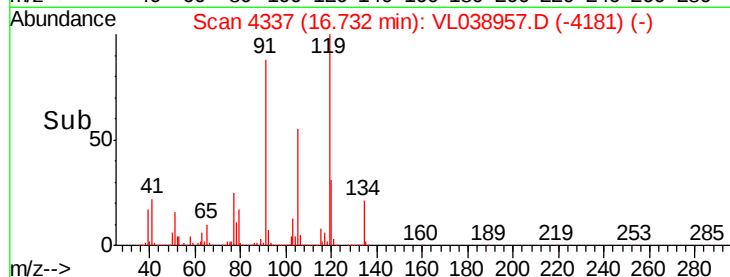
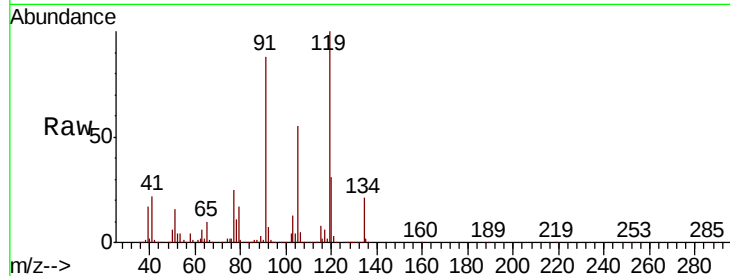


#65
tert-Butylbenzene
Concen: 9.375 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 5 May 2022 2:43

Tot Ion:1
Ion Rati
119 100
91 86.
134 19.

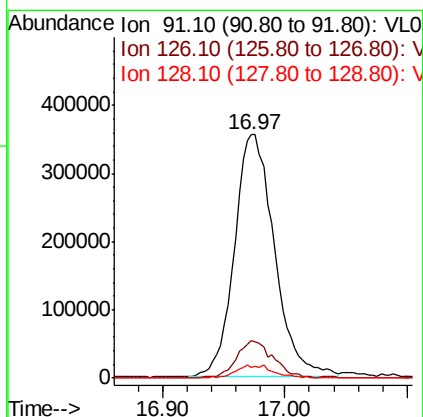
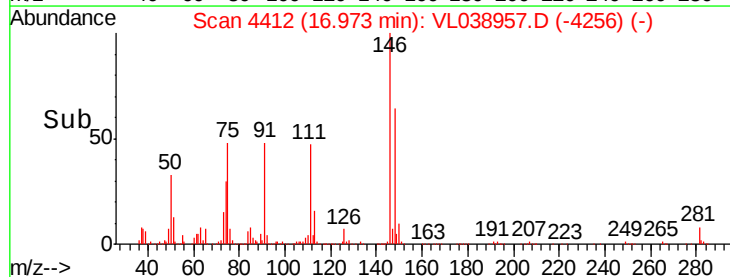
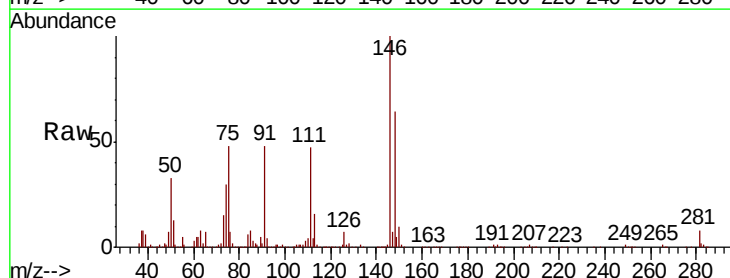
Manual Integrations
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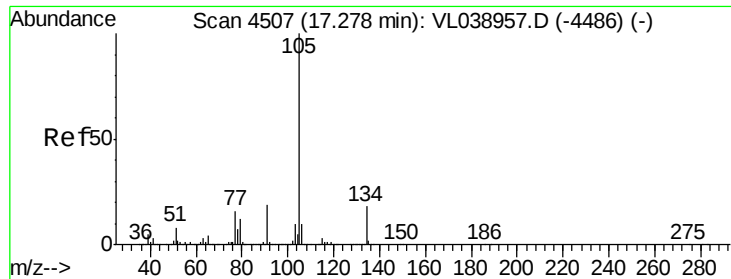
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#66
Benzyl Chloride
Concen: 14.743 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 91 Resp: 803472
Ion Ratio Lower Upper
91 100
126 14.9 11.8 17.6
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 9.495 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 2:43

Tot Ion:1

Ion Ratio

105 100

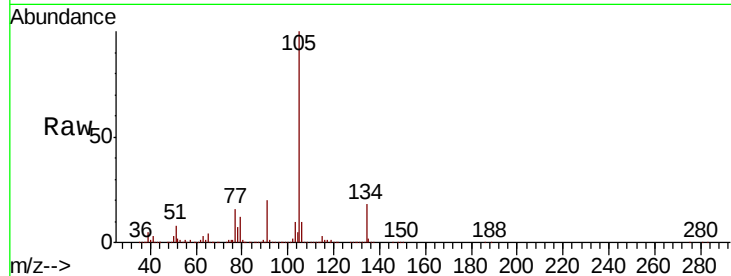
134 17.

Manual Integrations

APPROVED

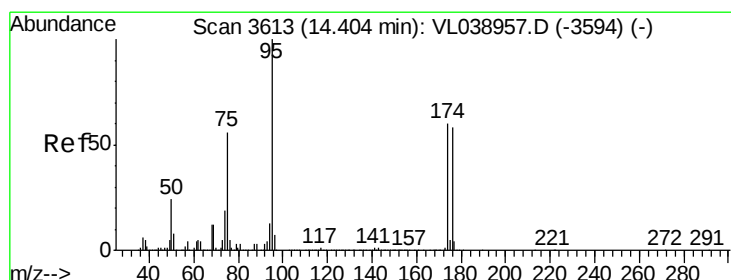
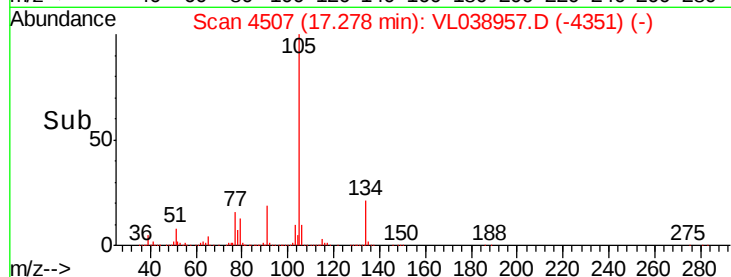
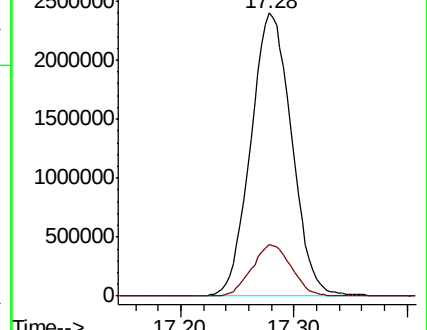
Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



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: 10.032 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. 0.00 min

Lab File: VL038957.D

Acq: 5 May 2022 2:43

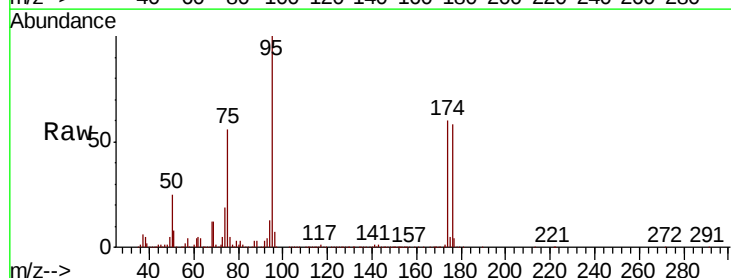
Tgt Ion: 95 Resp: 2461497

Ion Ratio Lower Upper

95 100

174 63.6 50.8 76.2

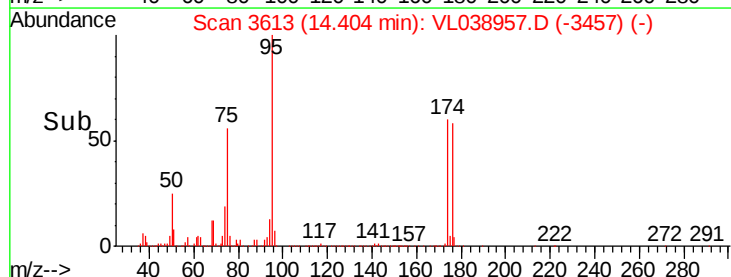
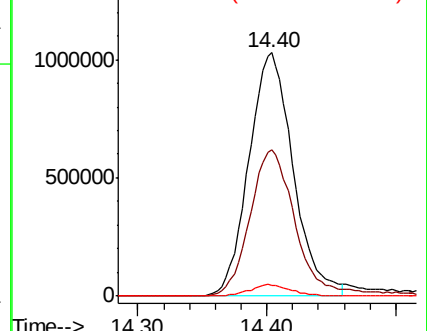
175 4.6 3.8 5.6

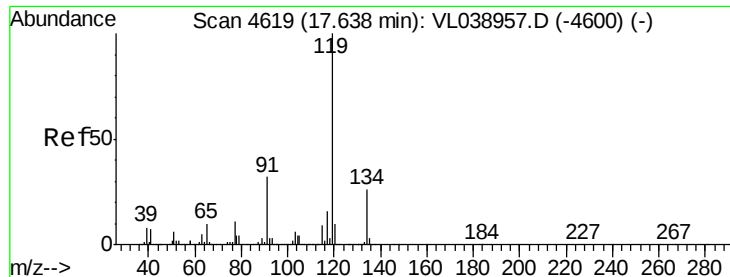


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



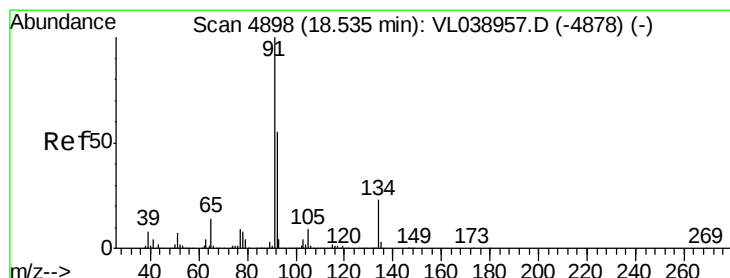
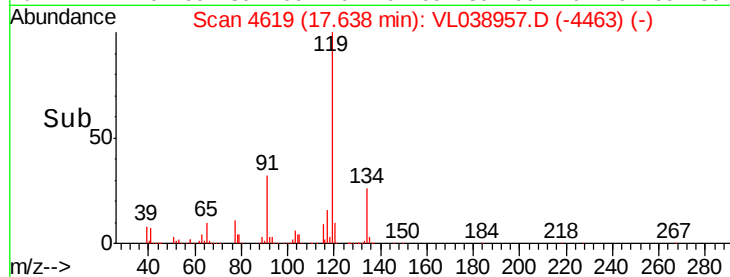
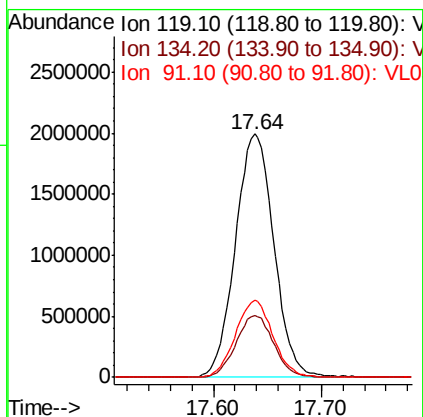
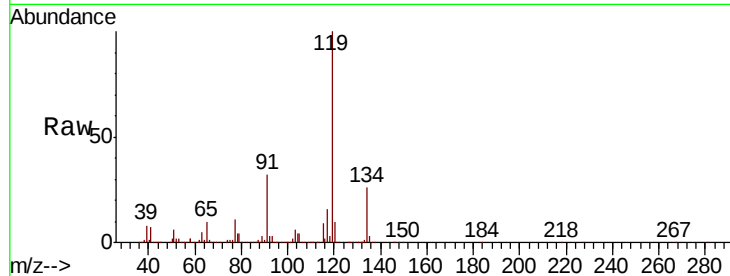


#69
 p-Isopropyltoluene
 Concen: 10.005 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

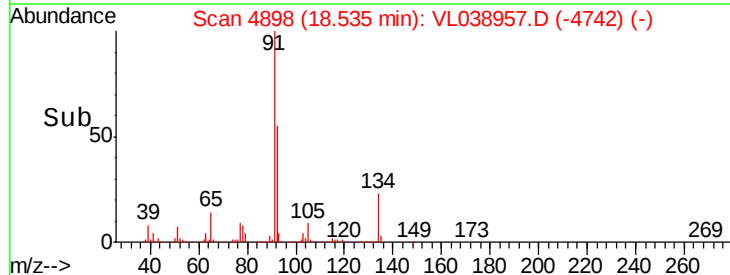
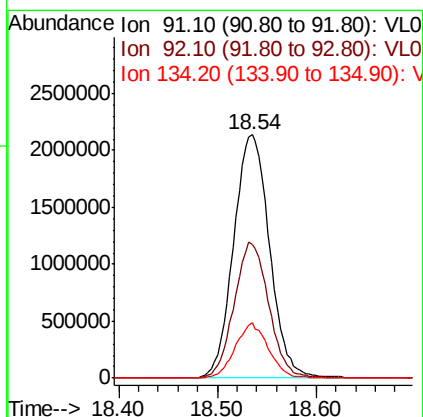
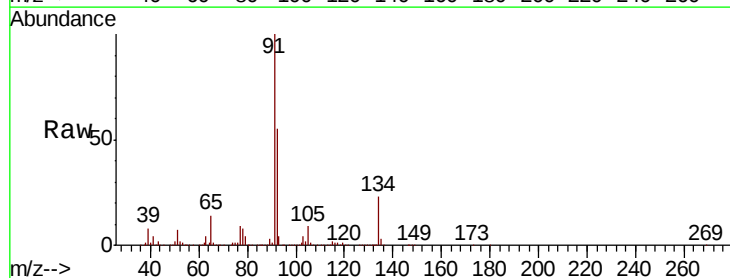
Manual Integrations
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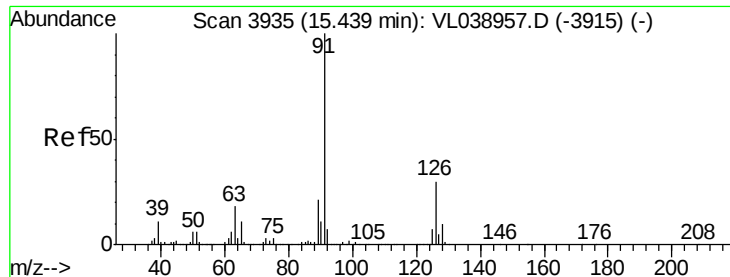
Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022



#70
 n-Butylbenzene
 Concen: 10.388 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion: 91 Resp: 5383486
 Ion Ratio Lower Upper
 91 100
 92 53.9 43.1 64.7
 134 21.2 17.0 25.4



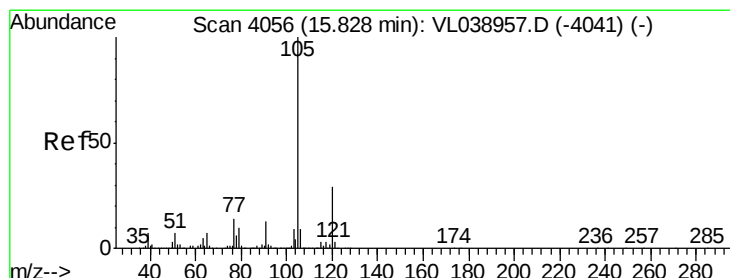
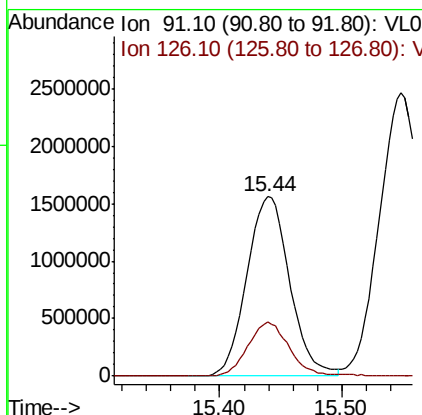
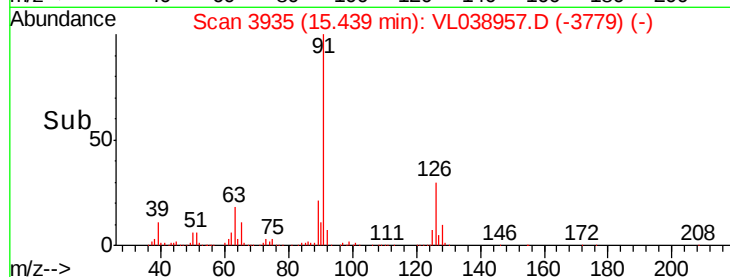
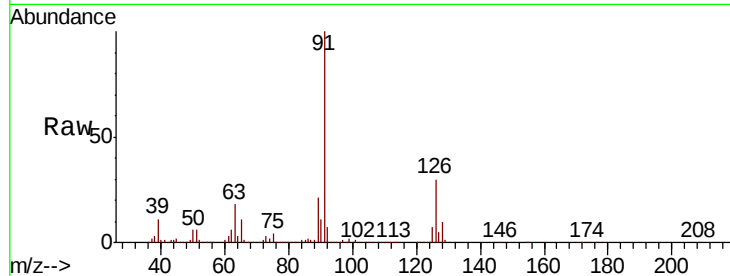


#71
 2-Chlorotoluene
 Concen: 9.820 ppbv
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 5 May 2022 2:43

Manual Integrations
 APPROVED

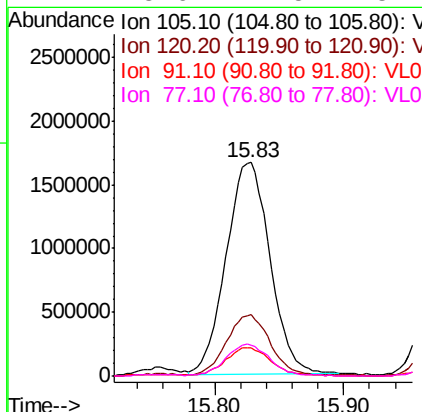
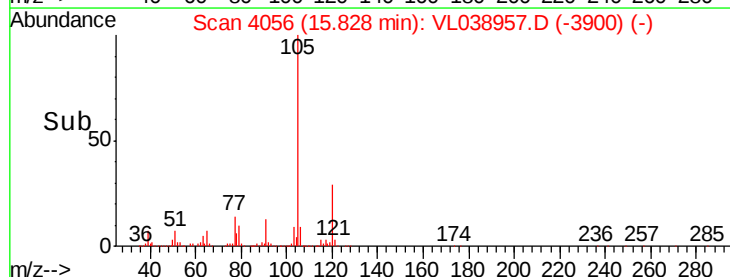
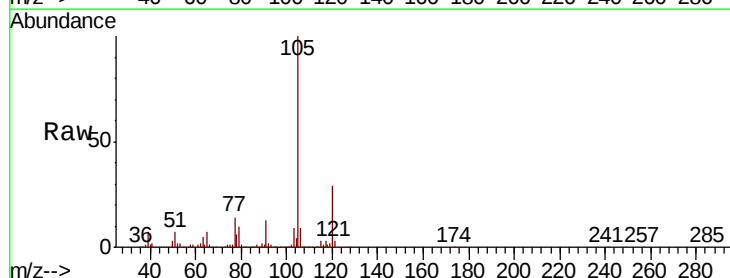
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

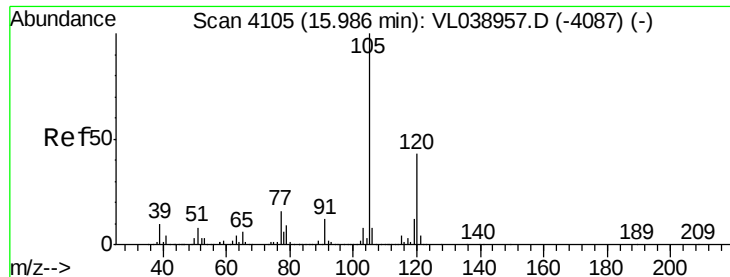
Tot Ion:
 Ion Ratio
 91 100
 126 29.



#72
 4-Ethyltoluene
 Concen: 9.495 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:105 Resp: 3927912
 Ion Ratio Lower Upper
 105 100
 120 29.2 23.4 35.0
 91 13.3 10.6 16.0
 77 15.6 12.5 18.7

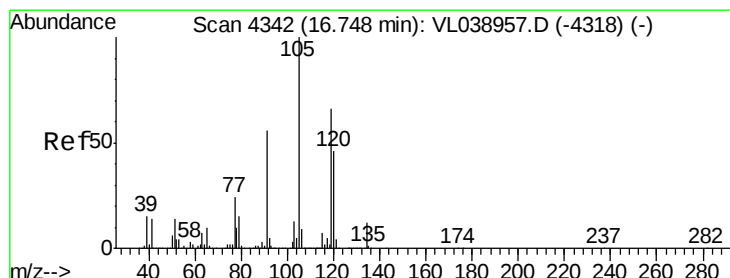
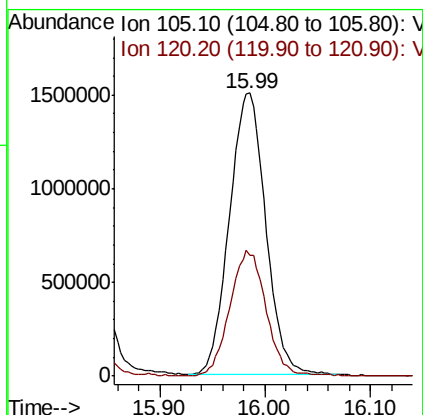
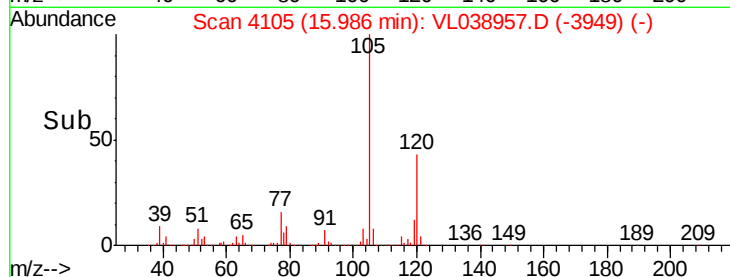
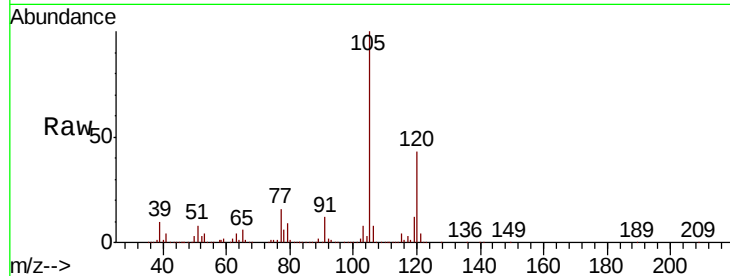




#73
 1,3,5-Trimethylbenzene
 Concen: 9.256 ppbv
 RT: 15.99 min
 Delta R.T. 0.00 min
 Lab File: VSTDICCC010
 Acq: 5 May 2022 2:43

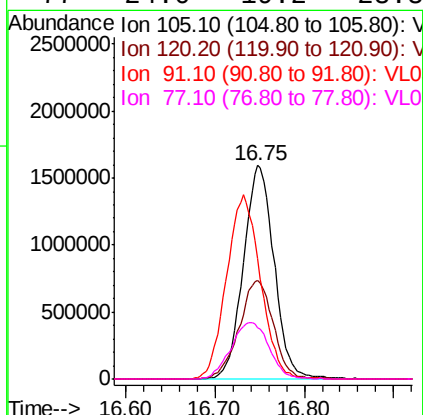
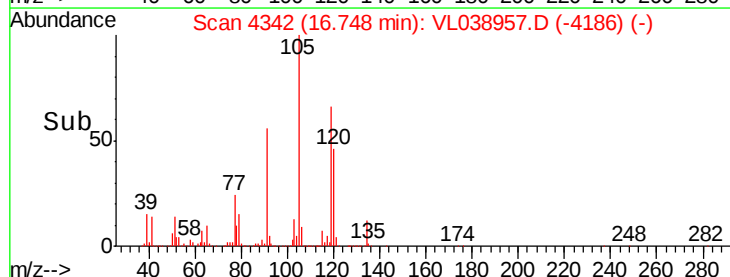
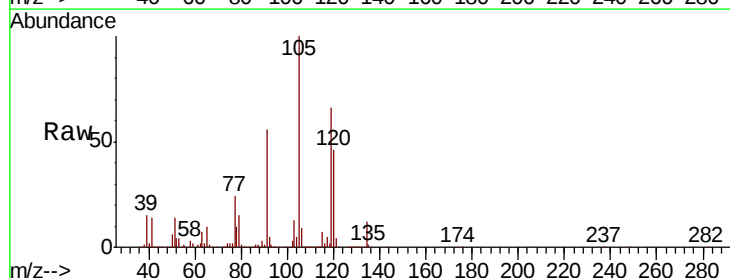
Manual Integrations
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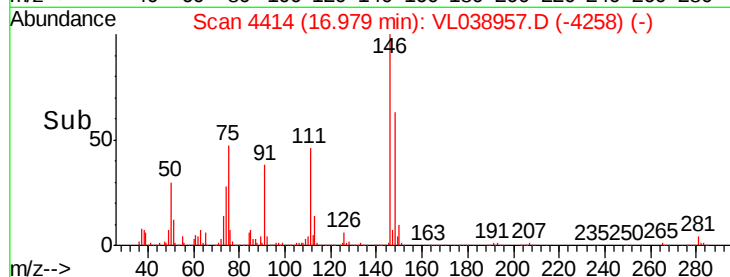
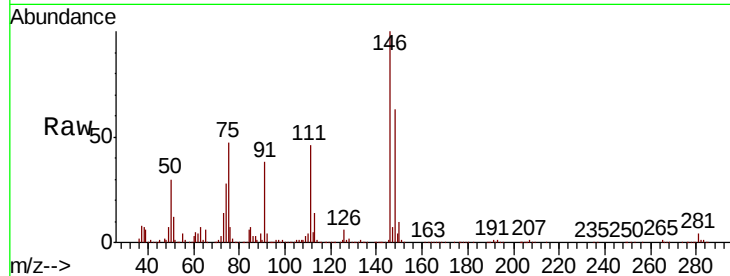
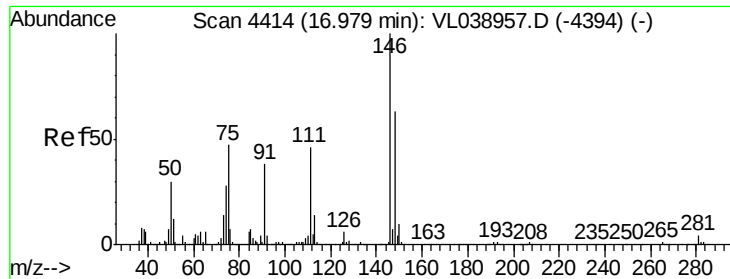
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.111 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:105 Resp: 3792698
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.9 55.3
 91 56.2 45.0 67.4
 77 24.0 19.2 28.8



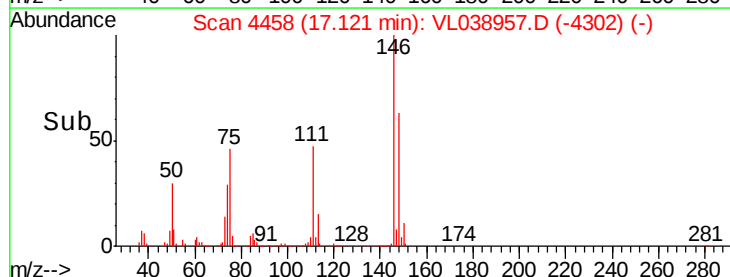
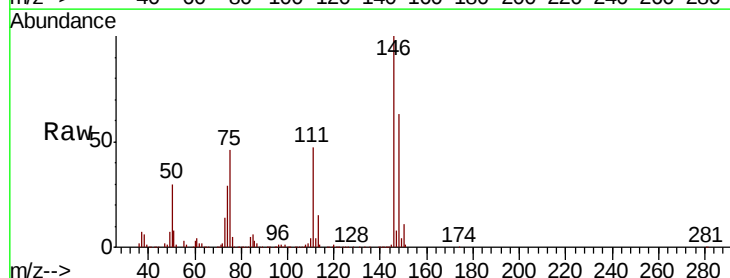
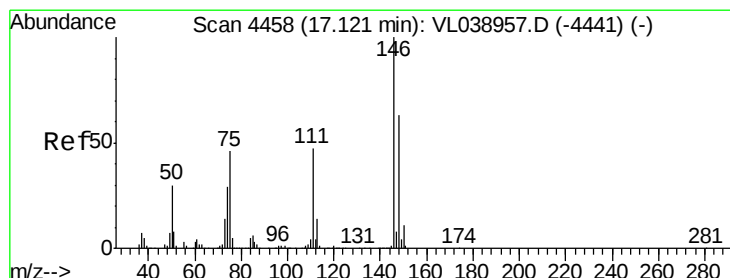
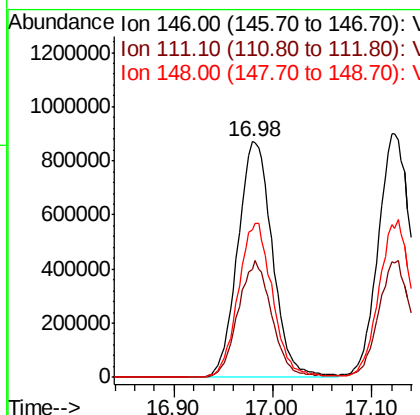


#75
 1,3-Dichlorobenzene
 Concen: 9.102 ppbv
 RT: 16.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 5 May 2022 2:43

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

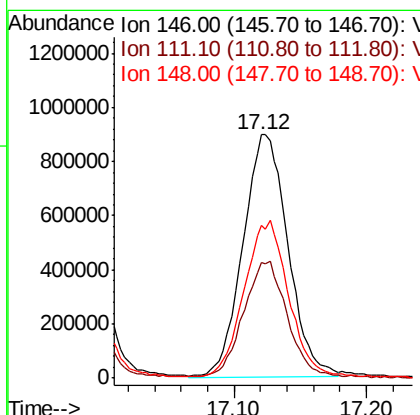
Manual Integrations
 APPROVED

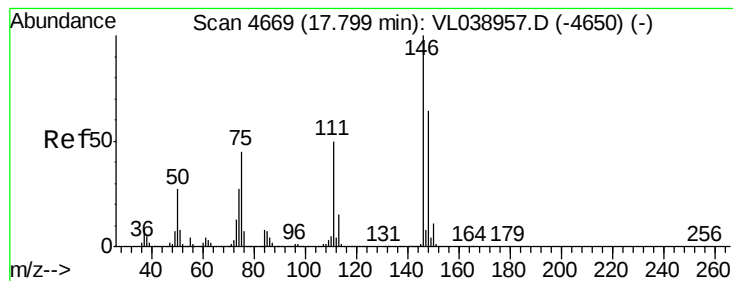
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#76
 1,4-Dichlorobenzene
 Concen: 9.093 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. 0.00 min
 Lab File: VL038957.D
 Acq: 5 May 2022 2:43

Tgt Ion:146 Resp: 2112558
 Ion Ratio Lower Upper
 146 100
 111 47.4 23.6 71.0
 148 65.1 32.2 96.6





#77

1,2-Dichlorobenzene

Concen: 9.393 ppbv

RT: 17.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 2:43

Tot Ion:1

Ion Rati

146 100

111 50.

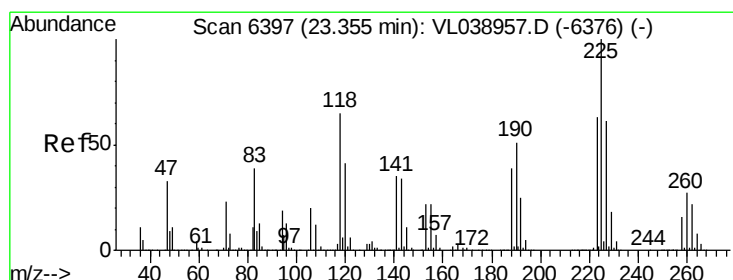
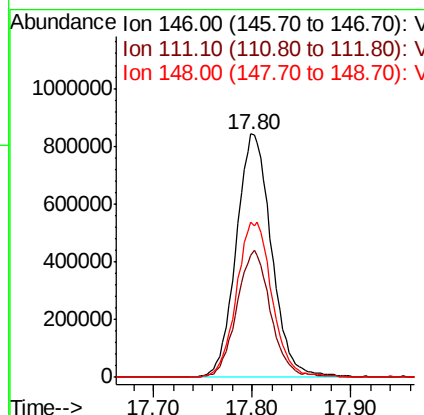
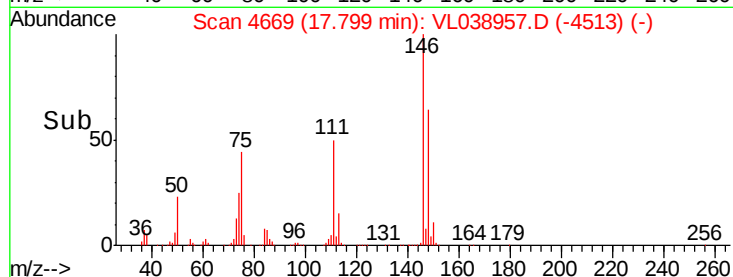
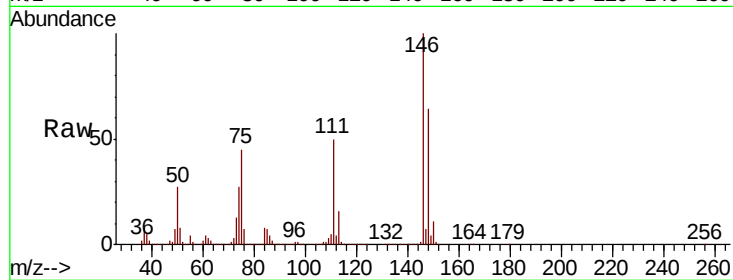
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.468 ppbv

RT: 23.36 min Scan# 6397

Delta R.T. 0.00 min

Lab File: VL038957.D

Acq: 5 May 2022 2:43

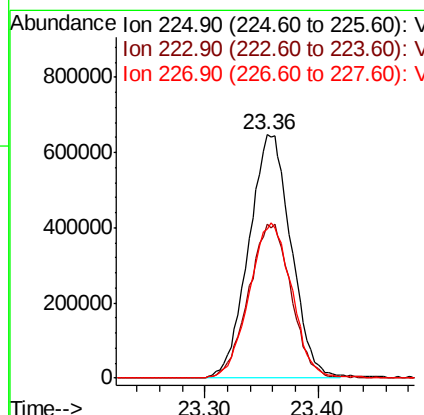
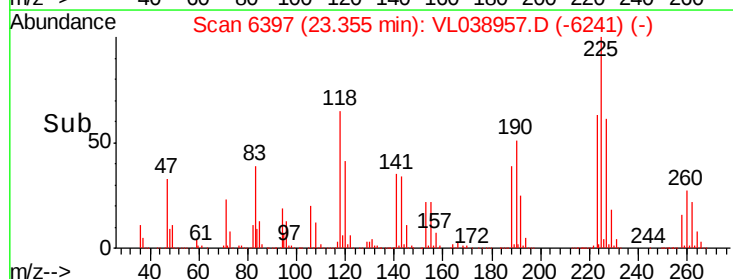
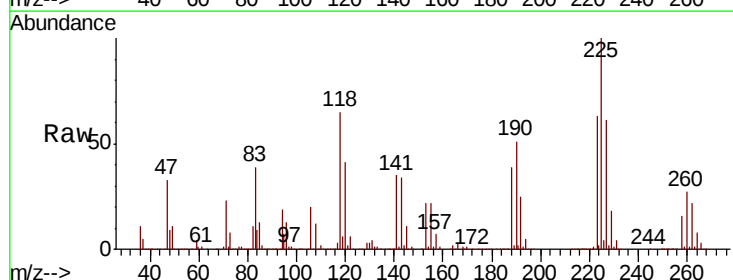
Tgt Ion:225 Resp: 1682321

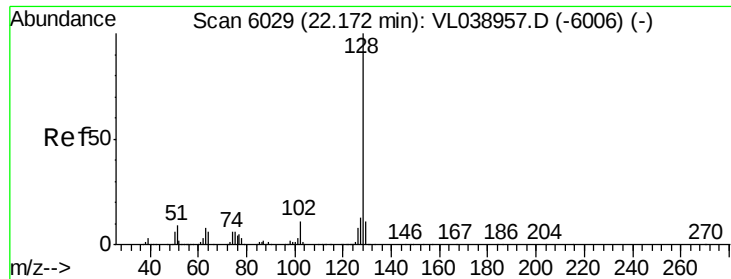
Ion Ratio Lower Upper

225 100

223 64.2 51.4 77.0

227 64.2 51.4 77.0



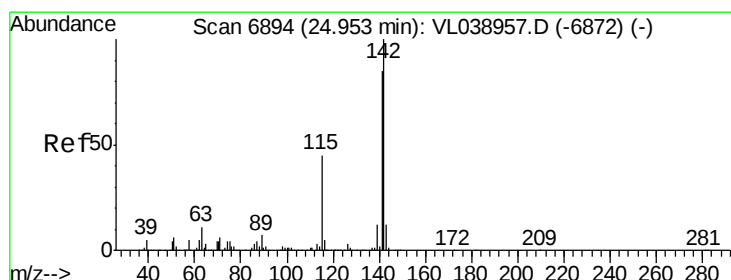
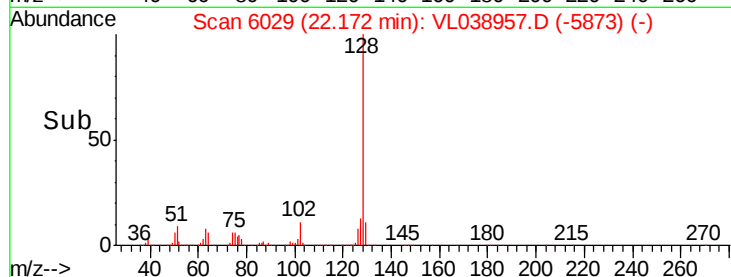
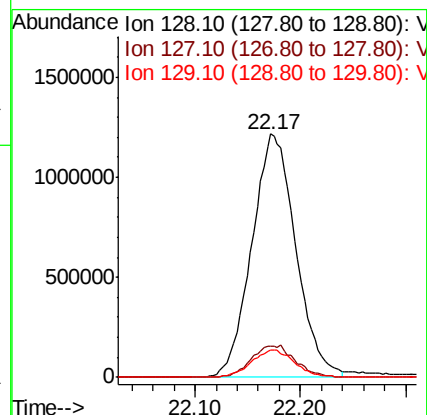
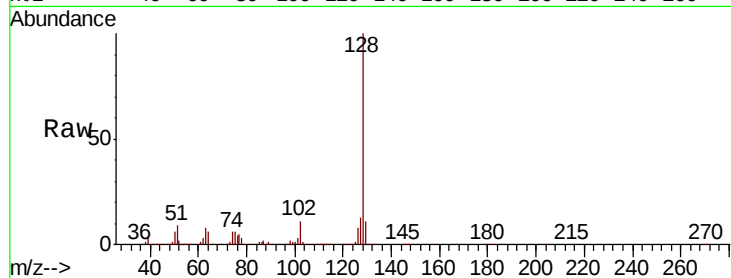


#79
Naphthalene
Concen: 13.761 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VSTDICCC010
Acq: 5 May 2022 2:43

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

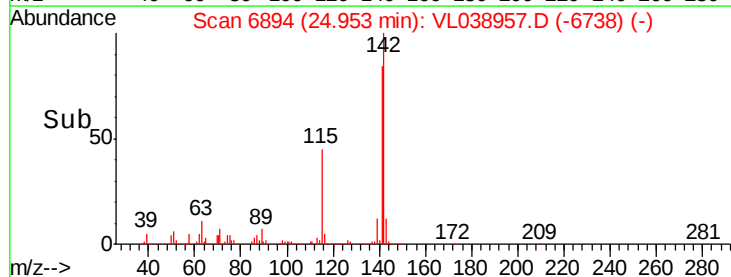
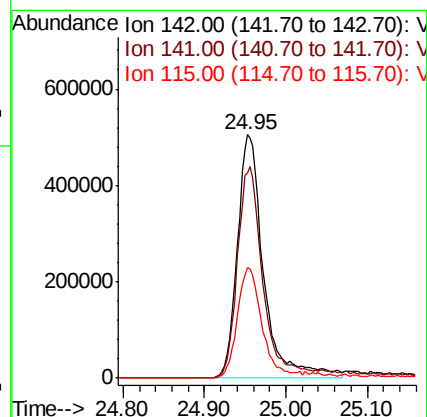
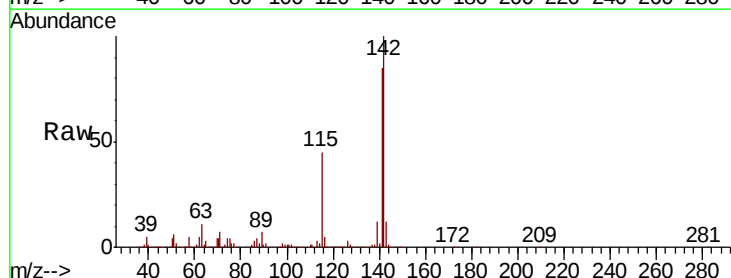
Manual Integrations
APPROVED

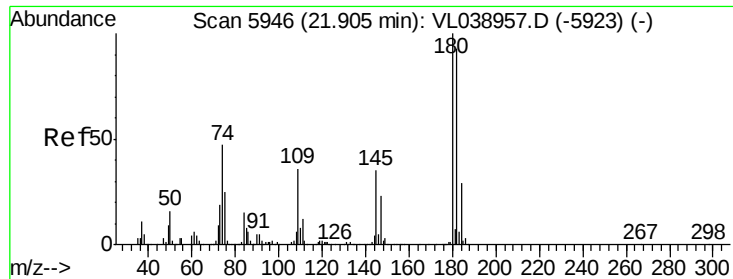
Reviewed By : Semsettin Yesilyurt 05/07/2022
Supervised By : Mahesh Dadoda 05/09/2022



#80
Naphthalene, 2-methyl-
Concen: 20.333 ppbv
RT: 24.95 min Scan# 6894
Delta R.T.: 0.00 min
Lab File: VL038957.D
Acq: 5 May 2022 2:43

Tgt Ion: 142 Resp: 1138835
Ion Ratio Lower Upper
142 100
141 87.5 70.8 106.2
115 45.8 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 11.971 ppbv
 RT: 21.90
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 5 May 2022 2.45

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

