

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038253.D
 Acq On : 24 Jan 2022 9:27
 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 24 11:13:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	779421	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2240938	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2054902m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1601445	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	1711266	11.652	ppbv	96
3) Chlorodifluoromethane	3.00	51	1486894	9.079	ppbv	99
4) Chloromethane	3.15	50	509250	8.967	ppbv	98
5) Vinyl Chloride	3.27	62	509632	8.928	ppbv	98
6) Bromomethane	3.48	94	287471	9.883	ppbv	95
7) Chloroethane	3.57	64	178703	9.297	ppbv	95
8) Dichlorotetrafluoroethane	3.20	85	1225998	8.796	ppbv	94
9) Propene	3.02	41	503664	8.857	ppbv	99
10) Heptane	8.12	43	1280718	8.878	ppbv	99
11) Trichlorofluoromethane	3.96	101	1274546	9.449	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.49	101	943675	9.263	ppbv	95
13) Ethanol	3.62	45	55349m	5.741	ppbv	
14) Bromoethene	3.75	108	372780	9.184	ppbv	98
15) Acetone	3.85	43	602344	7.700	ppbv	96
16) 1,3-Butadiene	3.34	39	481778	9.041	ppbv	100
17) tert-Butyl alcohol	4.29	59	749116	8.719	ppbv	98
18) 1,1-Dichloroethene	4.30	96	418788	9.386	ppbv	99
19) Isopropyl Alcohol	3.97	45	399746	8.193	ppbv #	39
20) Methylene Chloride	4.35	84	349244	7.908	ppbv	97
21) Allyl Chloride	4.42	41	626339	9.466	ppbv	97
22) trans-1,2-Dichloroethene	4.89	96	432502	9.501	ppbv	96
23) Vinyl Acetate	5.08	43	998635	9.428	ppbv	99
24) 1,1-Dichloroethane	5.02	63	863884	9.120	ppbv	99
25) Ethyl Acetate	5.68	43	1809322	8.537	ppbv	100
26) Hexane	5.69	57	838693	7.888	ppbv	95
27) Carbon Disulfide	4.56	76	1110884	11.869	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	920700	8.617	ppbv	99
29) Chloroform	5.76	83	1396895	8.853	ppbv	99
30) Cyclohexane	7.13	84	778617	8.268	ppbv	91
31) cis-1,2-Dichloroethene	5.55	61	661398	7.932	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	1429142	9.129	ppbv	97
34) 2-Butanone	5.25	43	657919	9.768	ppbv	99
35) Carbon Tetrachloride	7.02	117	1510374	10.919	ppbv	99
36) Benzene	6.90	78	1896477	9.073	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1110384	10.587	ppbv	96
38) Trichloroethene	7.84	130	681274	8.564	ppbv	98
39) 1,2-Dichloropropane	7.62	63	766129	9.523	ppbv	96
40) 1,4-Dioxane	7.84	88	168710	7.209	ppbv	76
41) Tetrahydrofuran	6.06	42	467113	9.468	ppbv	98
42) Bromodichloromethane	7.79	83	1610895	10.794	ppbv	99
43) Methyl Methacrylate	8.01	69	716832	9.965	ppbv	95

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Quant Time: Jan 24 11:13:40 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

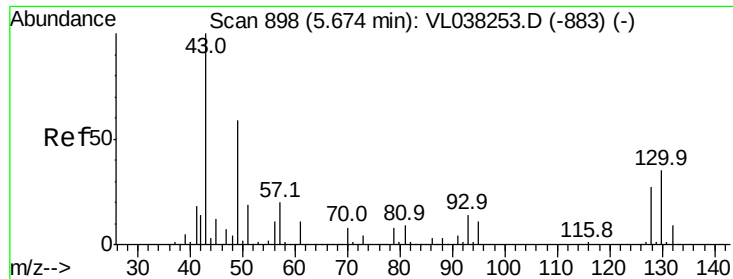
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3212767	9.048	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	649497	12.200	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	802765	10.893	ppbv	96
47) 1,1,2-Trichloroethane	9.48	97	748729	8.967	ppbv	96
48) Dibromochloromethane	10.31	129	1307968	11.140	ppbv	98
49) Bromoform	13.04	173	958753	11.493	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1291051	10.542	ppbv	97
51) 2-Hexanone	10.14	43	589222	10.052	ppbv #	93
52) Tetrachloroethene	11.22	164	615214	7.974	ppbv	96
53) Toluene	9.81	91	2135114	8.852	ppbv	97
54) 1,2-Dibromoethane	10.61	107	1090946	9.211	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	821419	9.611	ppbv #	57
57) Chlorobenzene	12.15	112	1484943	8.332	ppbv	94
58) Ethyl Benzene	12.71	91	2796827	8.771	ppbv	98
59) m/p-Xylene	13.00	91	4685553m	17.188	ppbv	
60) o-Xylene	13.69	91	2181915	8.633	ppbv	96
61) Styrene	13.53	104	1142112	8.921	ppbv	97
62) Isopropylbenzene	14.67	105	2884088	8.128	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1475430	7.591	ppbv	100
64) n-propylbenzene	15.56	120	721811	8.181	ppbv	96
65) tert-Butylbenzene	16.74	119	2331794	7.465	ppbv	96
66) Benzyl Chloride	16.99	91	142865m	12.272	ppbv	
67) sec-Butylbenzene	17.29	105	3247088	7.566	ppbv	99
69) p-Isopropyltoluene	17.65	119	2546943	7.379	ppbv	99
70) n-Butylbenzene	18.55	91	2503813	7.629	ppbv	98
71) 2-Chlorotoluene	15.45	91	2163140	8.190	ppbv	97
72) 4-Ethyltoluene	15.84	105	2355899	8.094	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	2071128	7.951	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	2116414	7.736	ppbv	96
75) 1,3-Dichlorobenzene	17.00	146	1139116	7.708	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1116182	7.613	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	1031063	7.287	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	673894	7.719	ppbv	99
79) Naphthalene	22.20	128	1285543	9.096	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	204371	7.289	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	680281	8.417	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27

Tot Ion:

Ion Ratio

49 100

128 49.

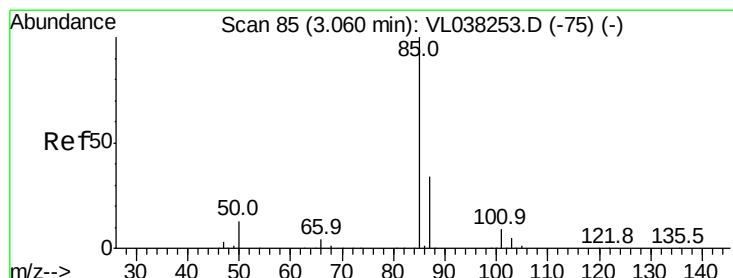
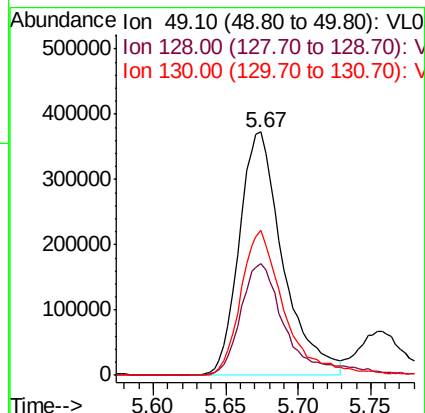
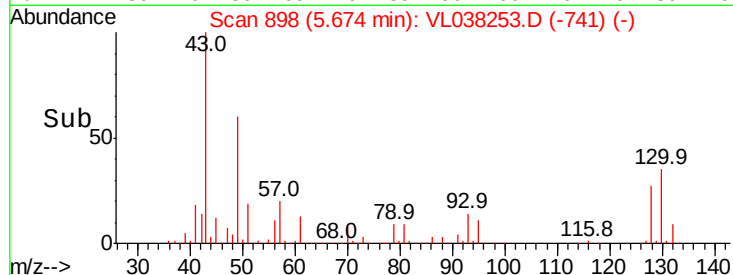
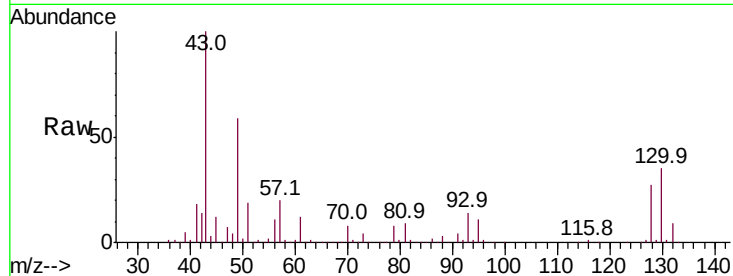
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#2

Dichlorodifluoromethane

Concen: 11.652 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038253.D

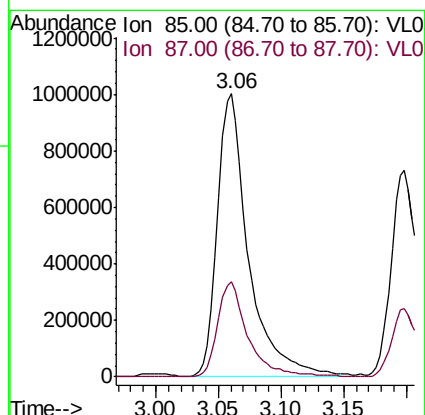
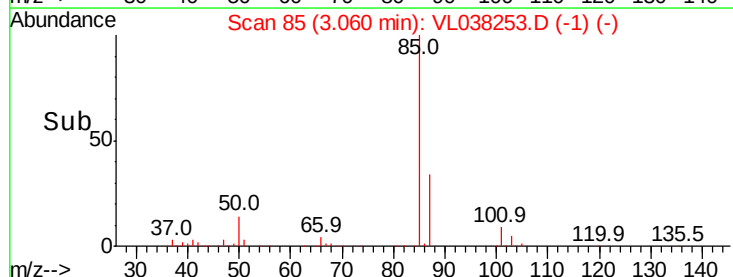
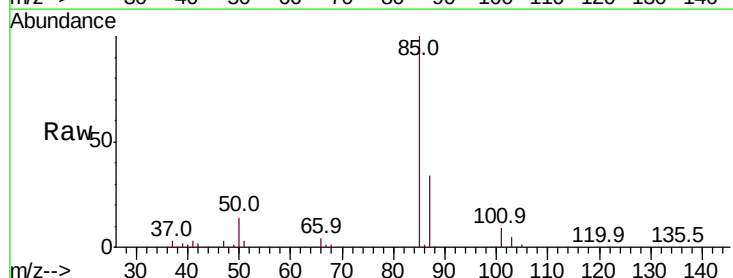
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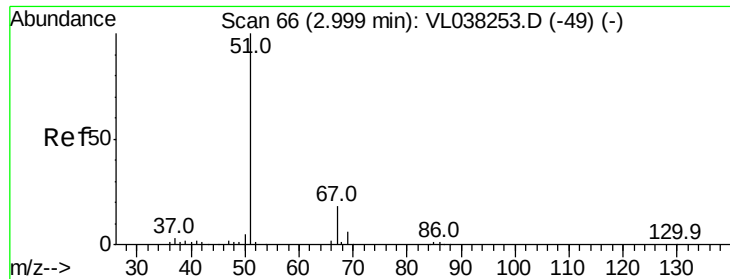
Tgt Ion: 85 Resp: 1711266

Ion Ratio Lower Upper

85 100

87 33.8 25.4 38.2



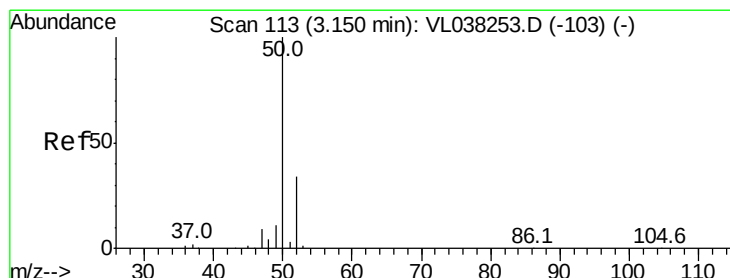
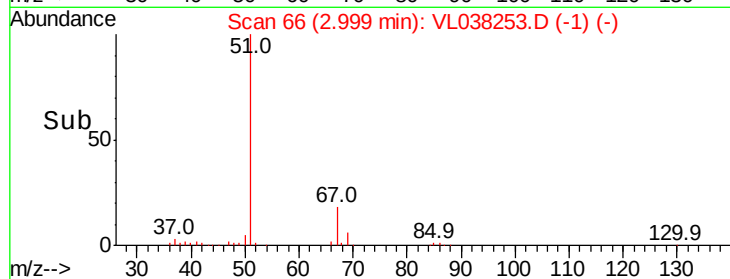
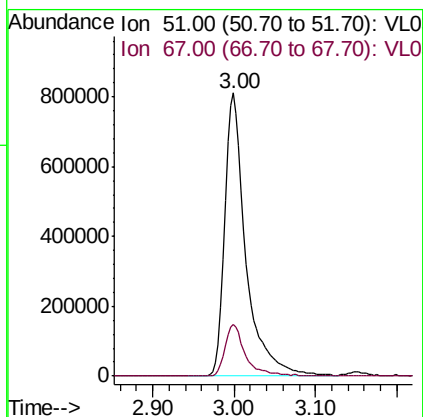
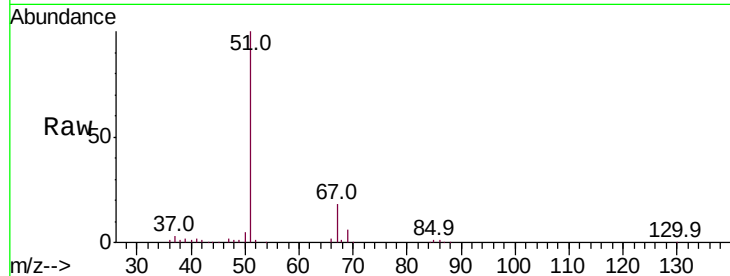


#3
Chlorodifluoromethane
Concen: 9.079 ppbv
RT: 3.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
51 100
67 18.

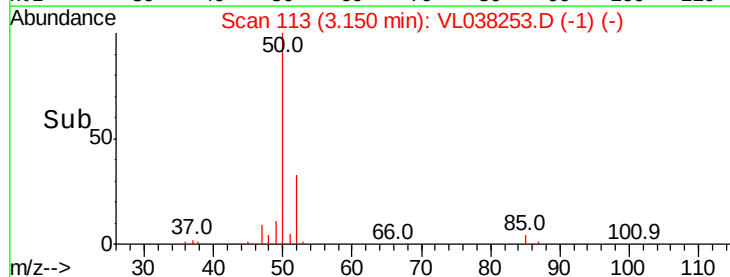
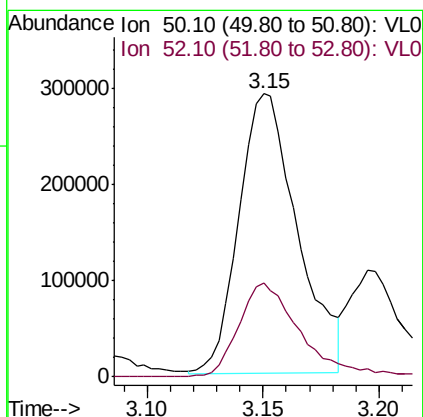
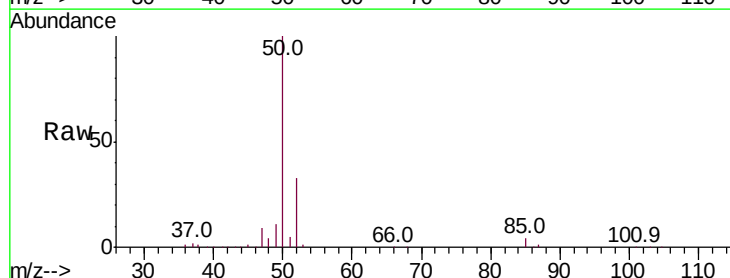
Manual Integrations
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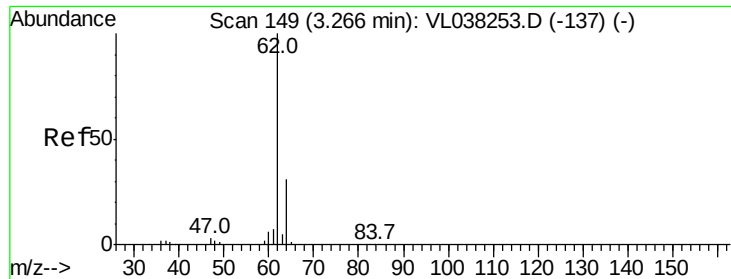
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#4
Chloromethane
Concen: 8.967 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 50 Resp: 509250
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2





#5

Vinyl Chloride

Concen: 8.928 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

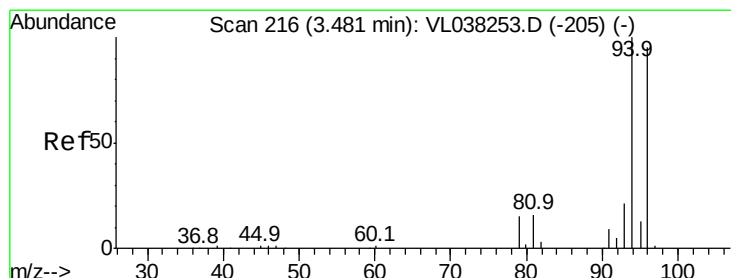
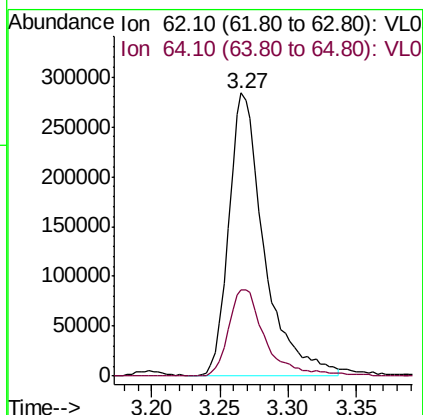
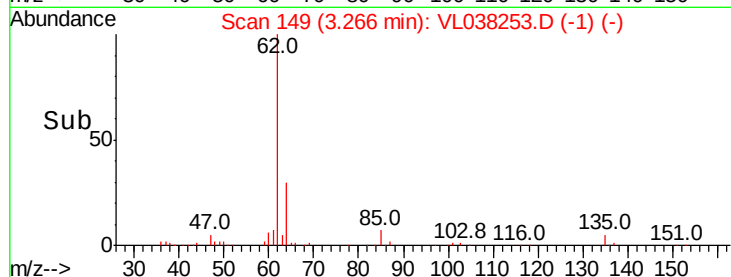
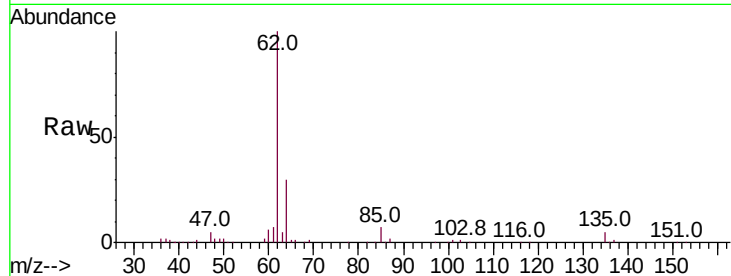
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#6

Bromomethane

Concen: 9.883 ppbv

RT: 3.48 min Scan# 216

Delta R.T. -0.00 min

Lab File: VL038253.D

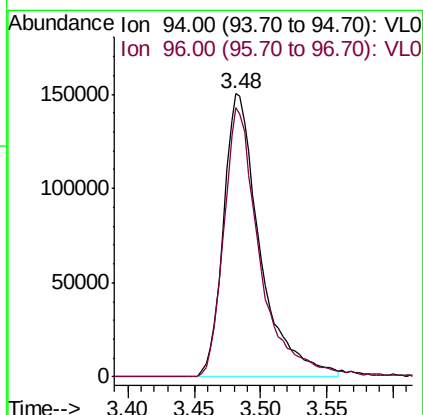
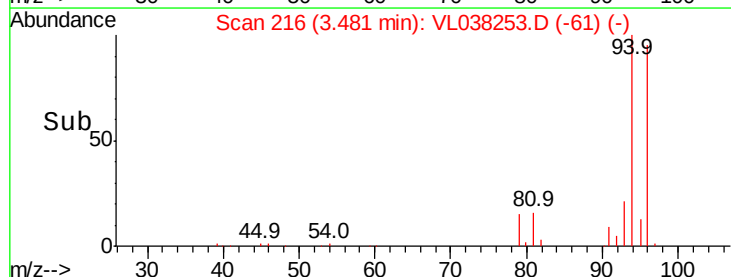
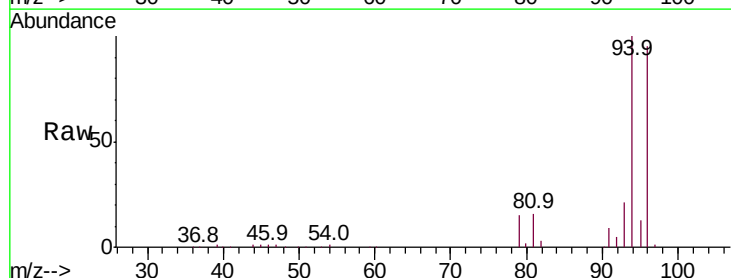
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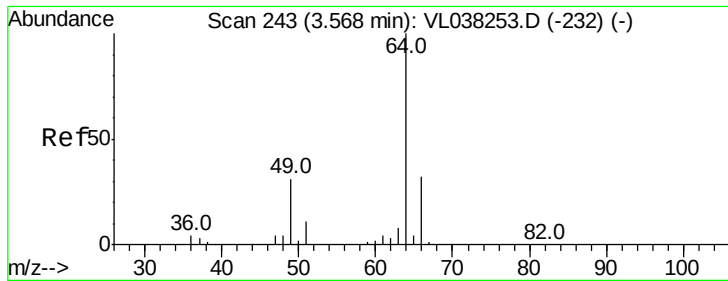
Tgt Ion: 94 Resp: 287471

Ion Ratio Lower Upper

94 100

96 95.0 72.2 108.2





#7

Chloroethane

Concen: 9.297 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

Tot Ion:

Ion Ratio

64 100

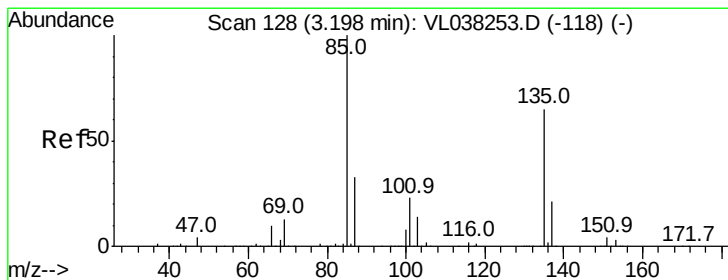
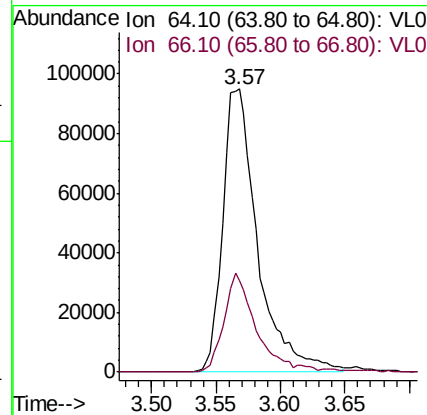
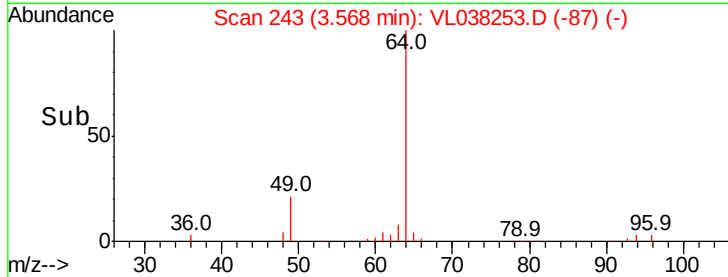
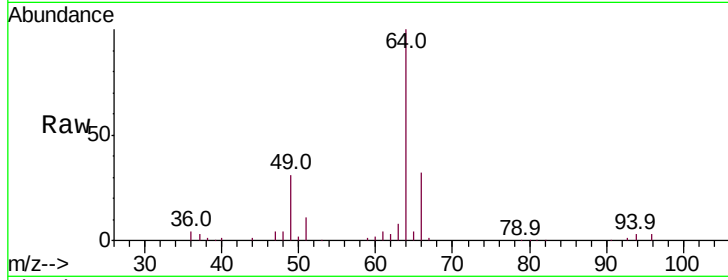
66 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#8

Dichlorotetrafluoroethane

Concen: 8.796 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.00 min

Lab File: VL038253.D

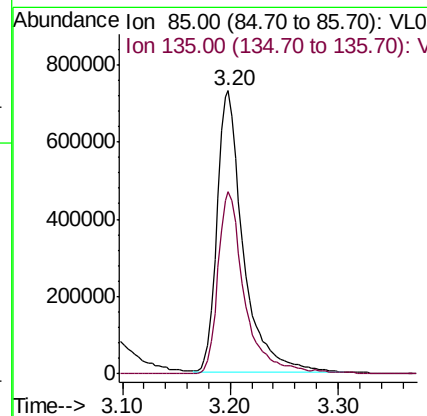
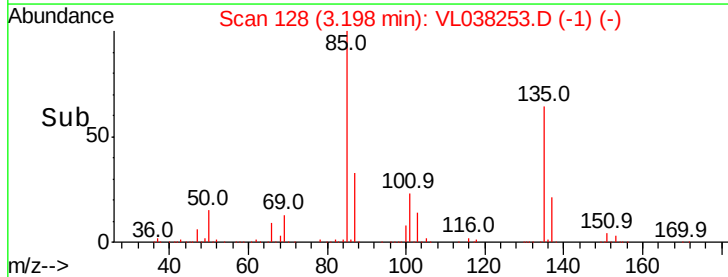
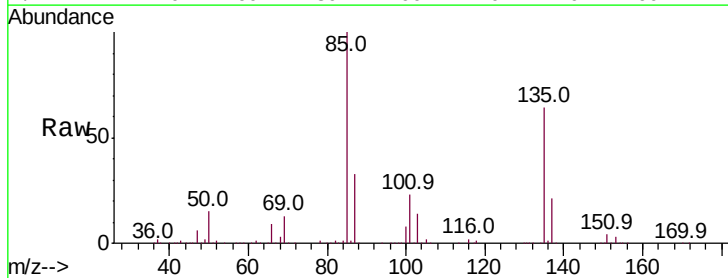
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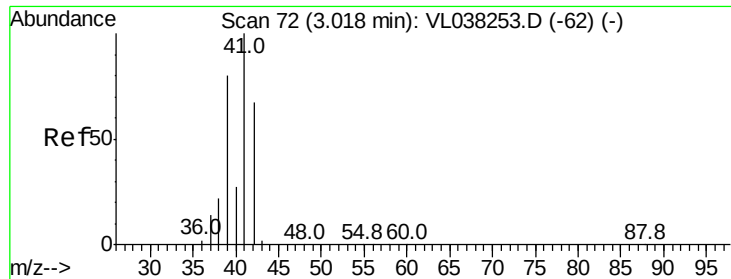
Tgt Ion: 85 Resp: 1225998

Ion Ratio Lower Upper

85 100

135 67.1 57.7 86.5



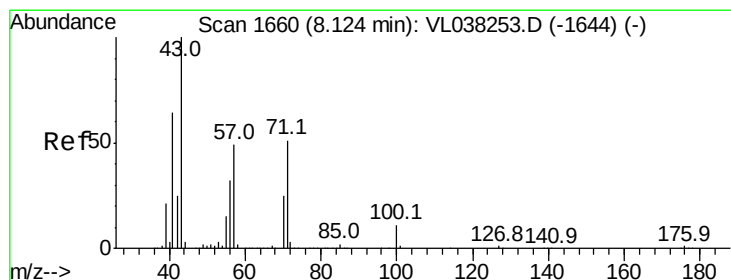
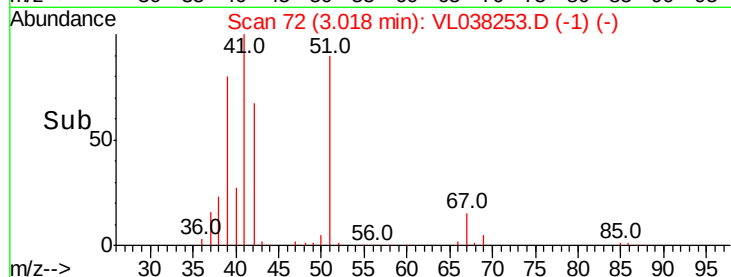
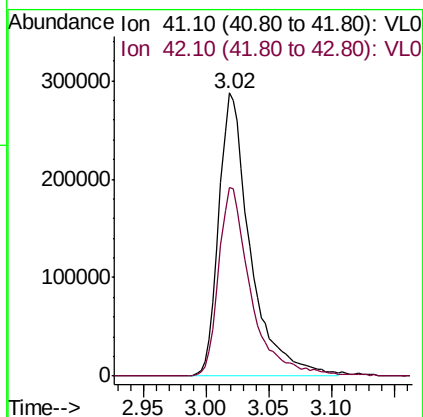
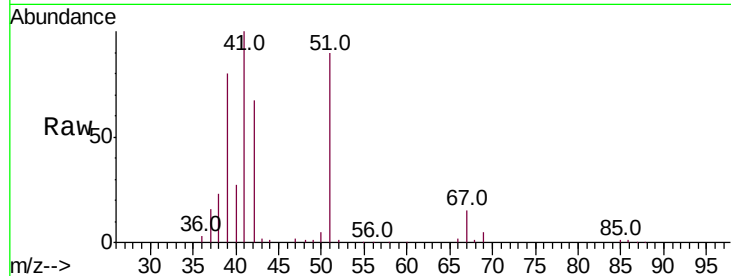


#9
 Propene
 Concen: 8.857 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 41 100
 42 68.

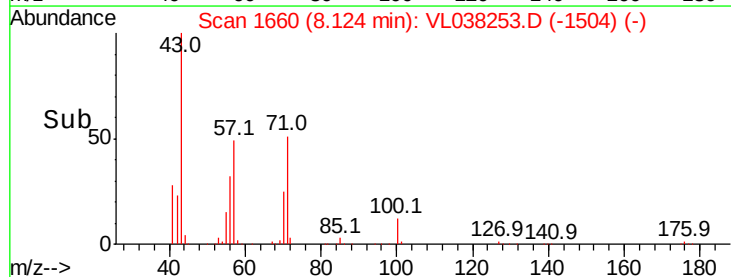
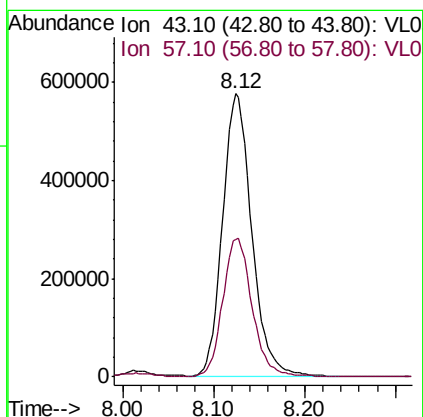
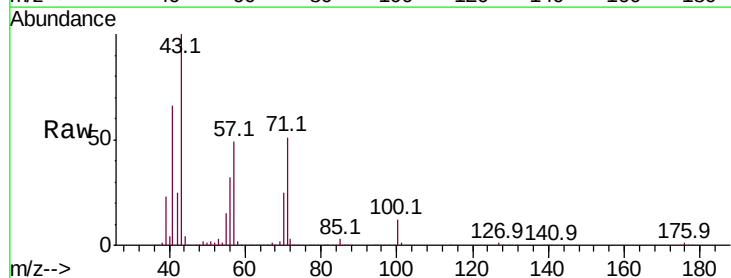
Manual Integrations
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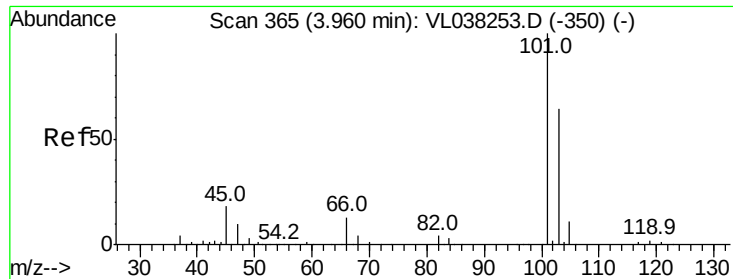
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#10
 Heptane
 Concen: 8.878 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 43 Resp: 1280718
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.3 60.5



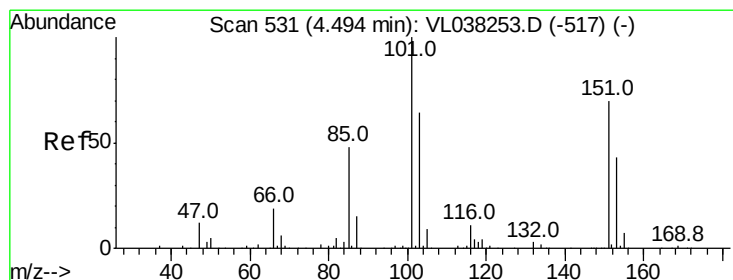
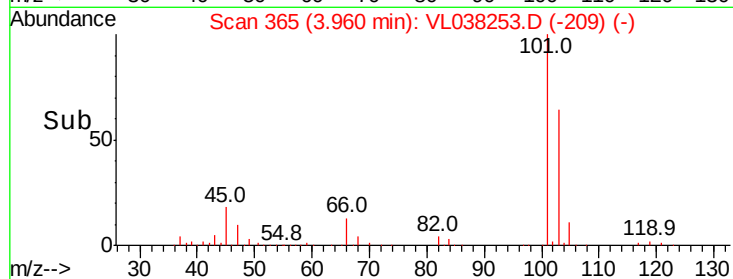
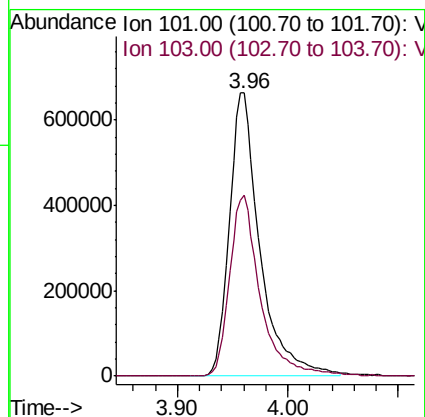
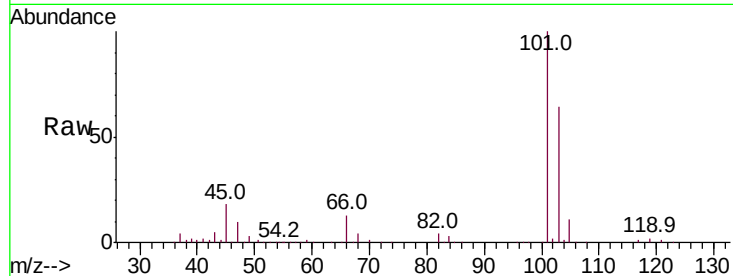


#11
 Trichlorofluoromethane
 Concen: 9.449 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:1
 Ion Rati
 101 100
 103 64.

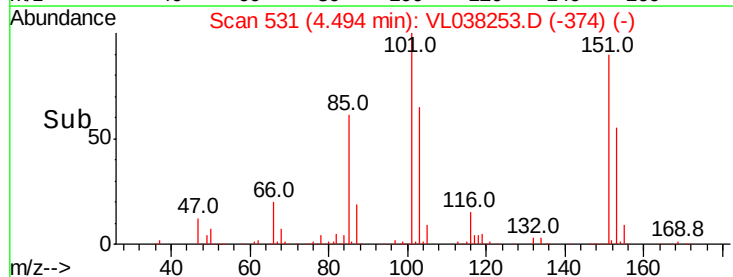
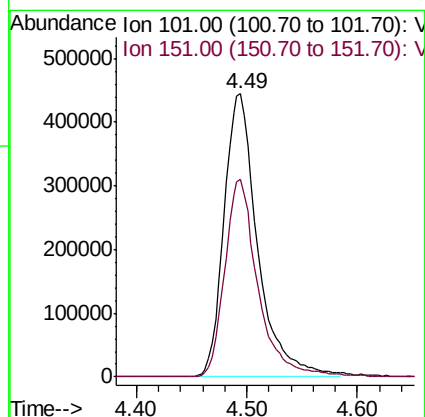
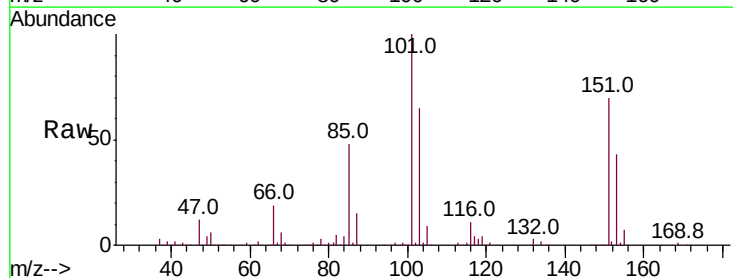
Manual Integrations
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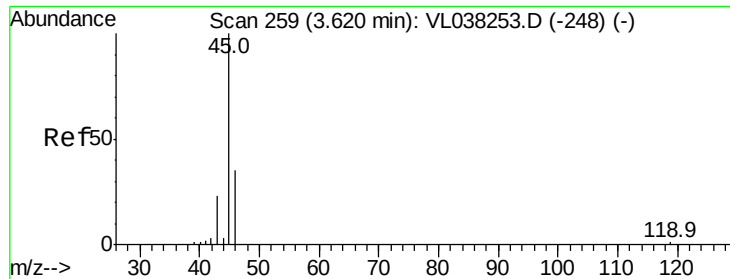
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.263 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:101 Resp: 943675
 Ion Ratio Lower Upper
 101 100
 151 69.1 58.6 87.8



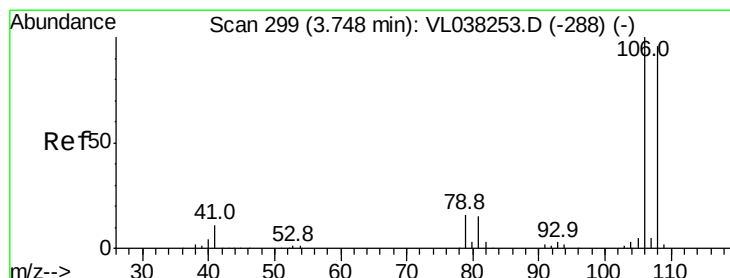
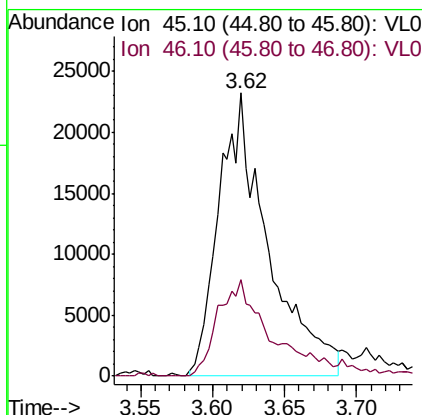
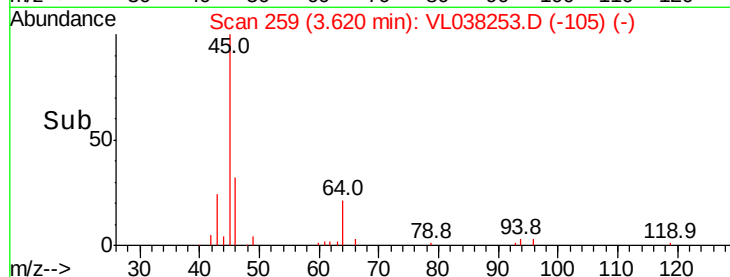
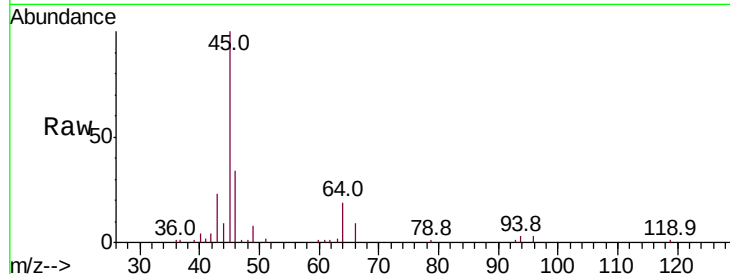


#13
Ethanol
Concen: 5.741 ppbv m
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
45 100
46 38.

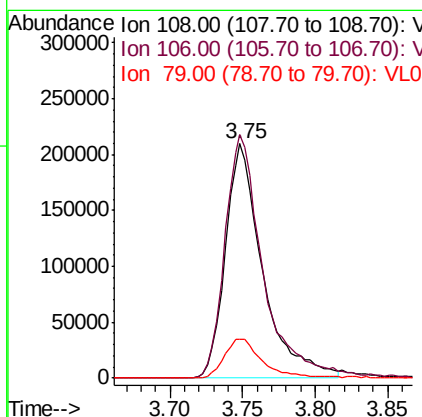
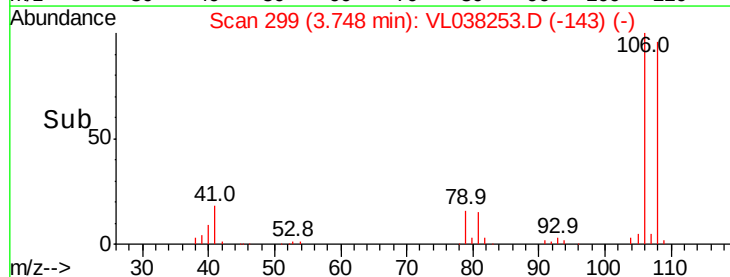
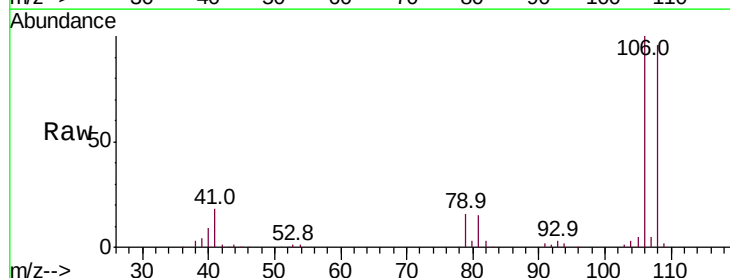
Manual Integrations
APPROVED

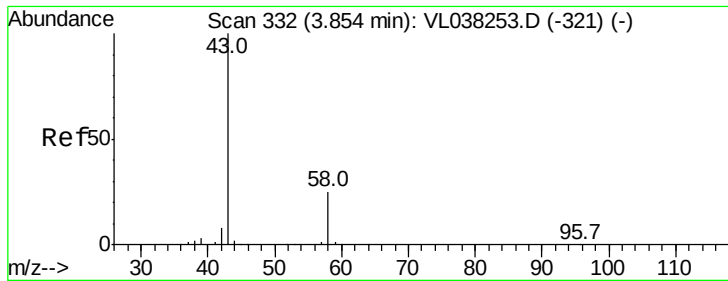
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#14
Bromoethene
Concen: 9.184 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion:108 Resp: 372780
Ion Ratio Lower Upper
108 100
106 108.0 88.2 132.2
79 17.6 13.7 20.5



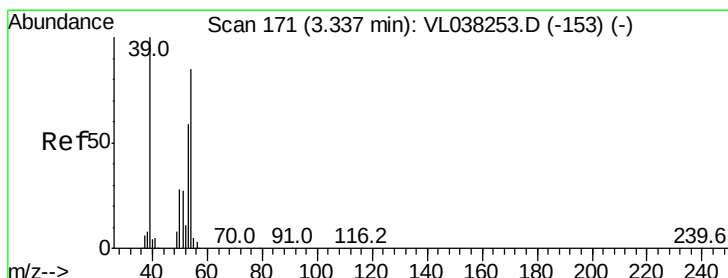
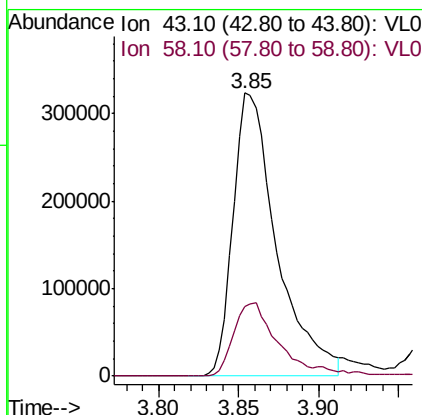
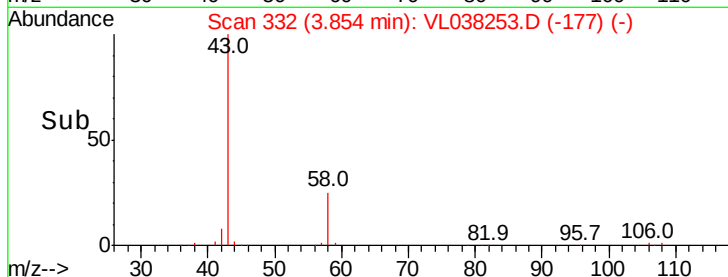
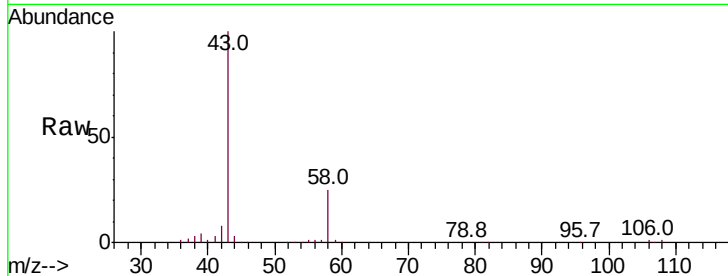


#15
Acetone
Concen: 7.700 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
43 100
58 26.

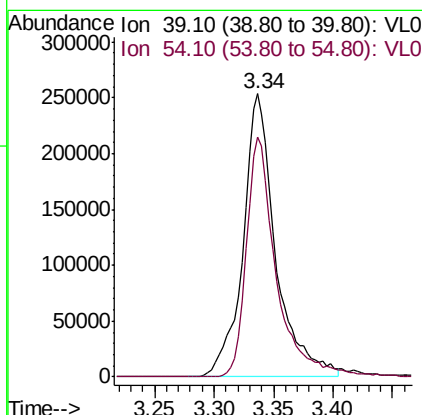
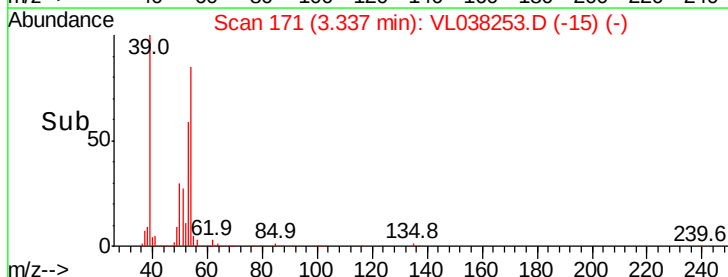
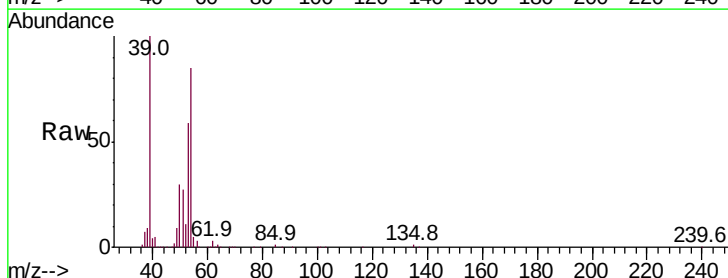
Manual Integrations
APPROVED

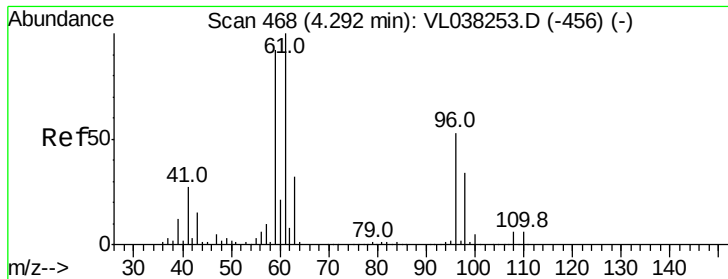
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#16
1,3-Butadiene
Concen: 9.041 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 39 Resp: 481778
Ion Ratio Lower Upper
39 100
54 78.3 62.9 94.3





#17

tert-Butyl alcohol

Concen: 8.719 ppbv

RT: 4.29 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27 VSTDICCC010

Tot Ion:

Ion Ratio

59 100

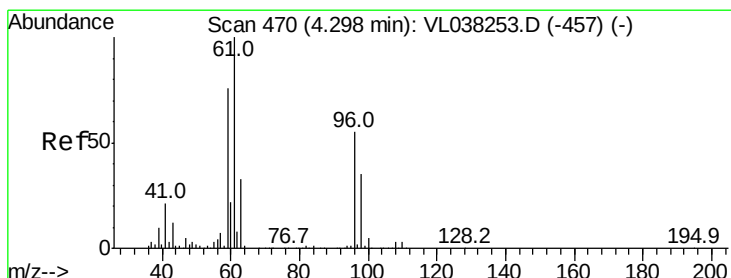
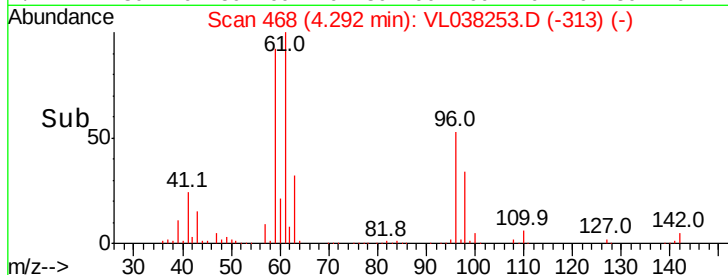
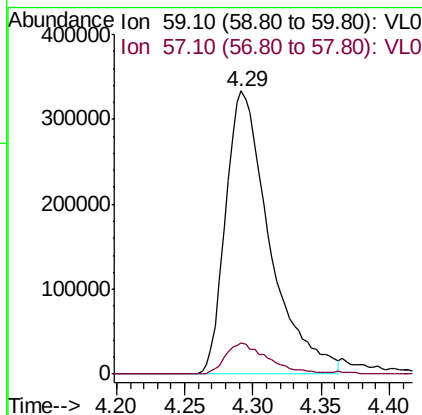
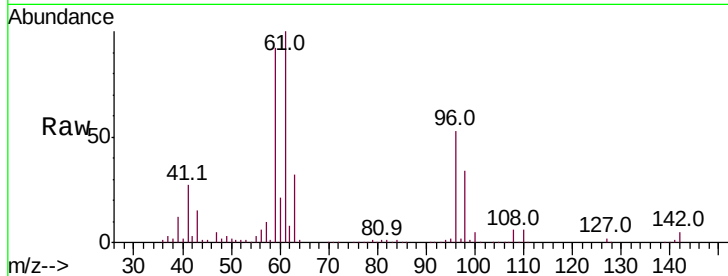
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#18

1,1-Dichloroethene

Concen: 9.386 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

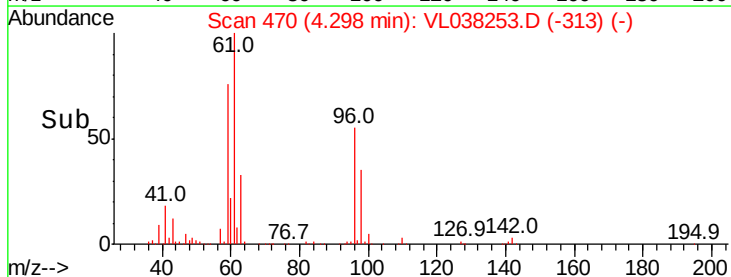
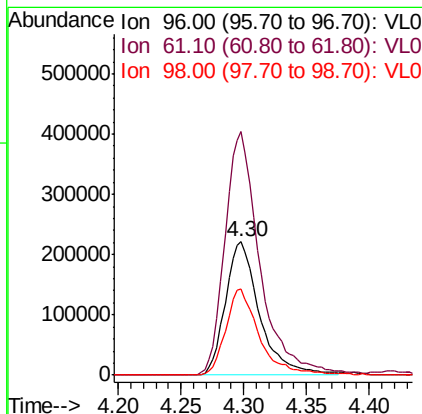
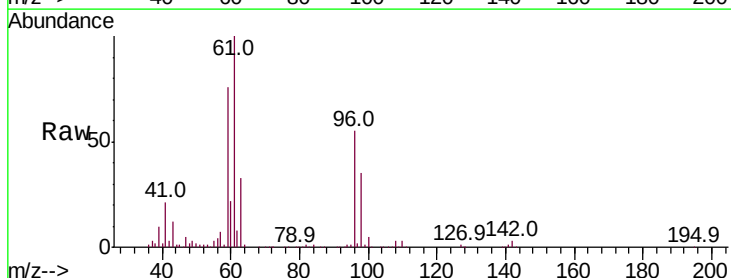
Tgt Ion: 96 Resp: 418788

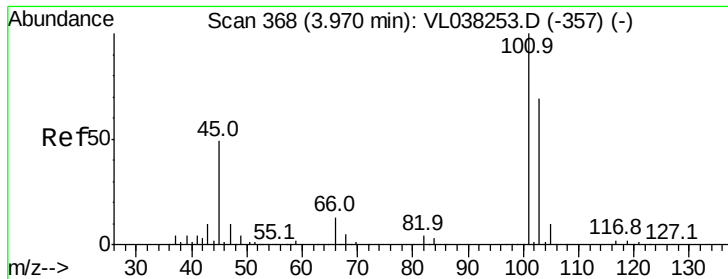
Ion Ratio Lower Upper

96 100

61 183.1 147.4 221.0

98 64.9 50.7 76.1





#19

Isopropyl Alcohol

Concen: 8.193 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27 VSTDICCC010

Tot Ion:

Ion Ratio

45 100

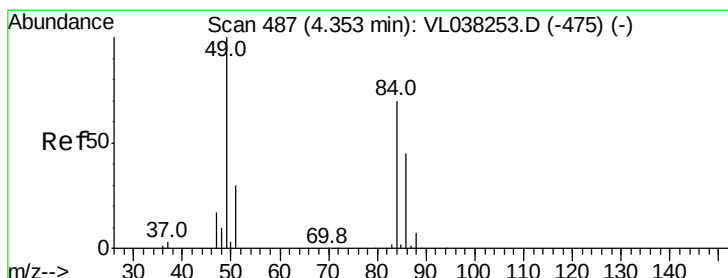
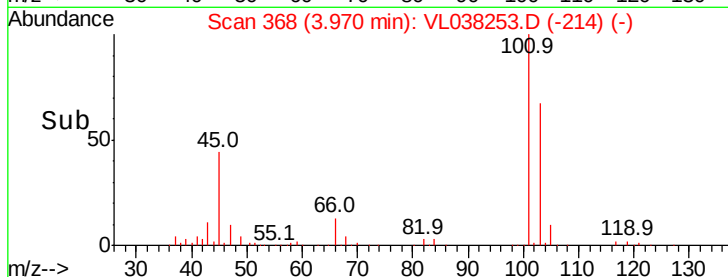
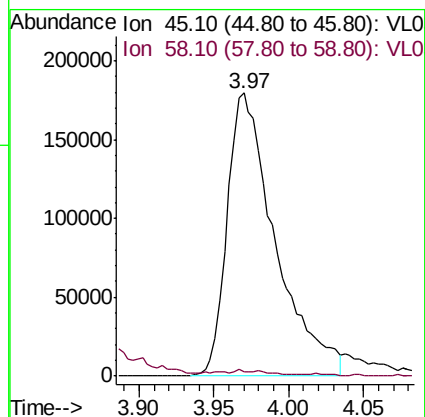
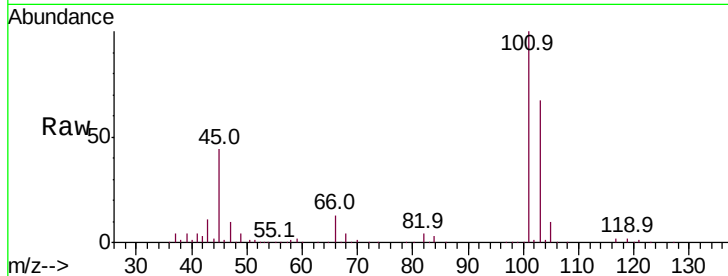
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#20

Methylene Chloride

Concen: 7.908 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 84 Resp: 349244

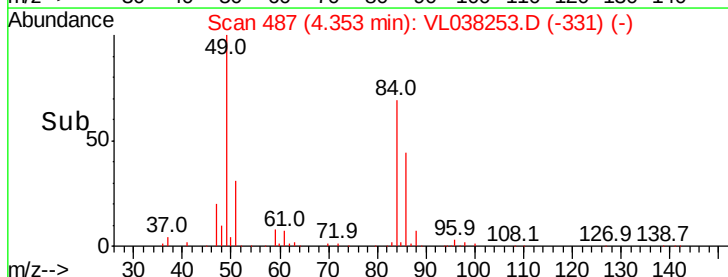
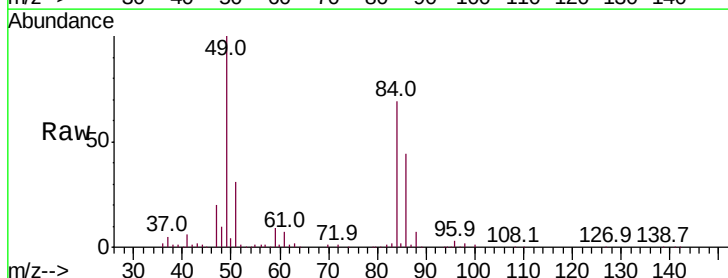
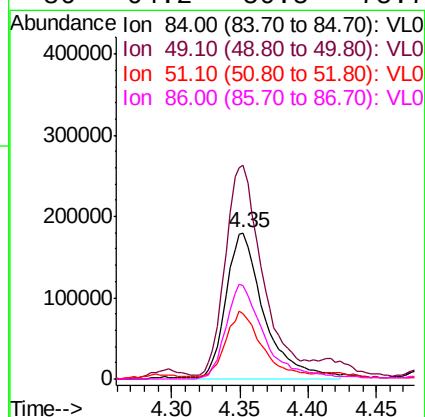
Ion Ratio Lower Upper

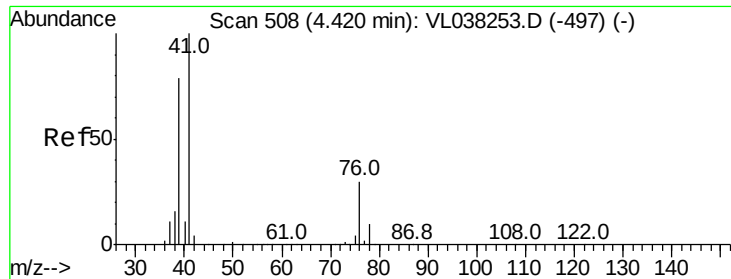
84 100

49 143.8 110.6 166.0

51 43.8 34.2 51.2

86 64.2 50.5 75.7



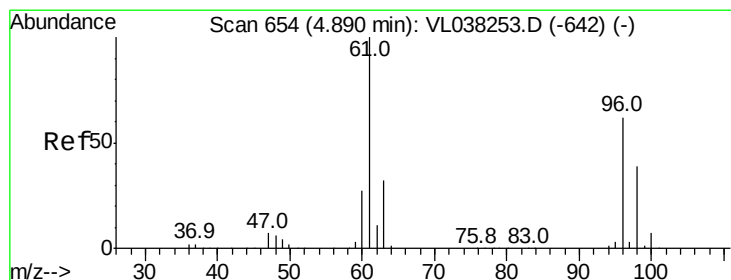
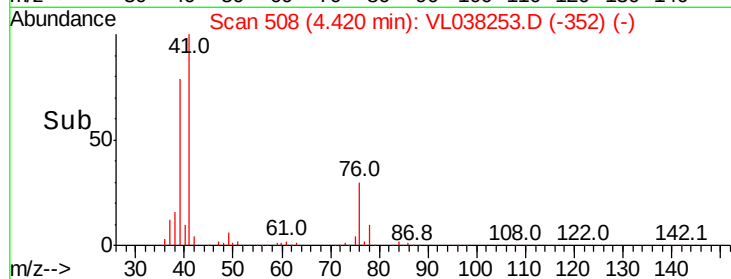
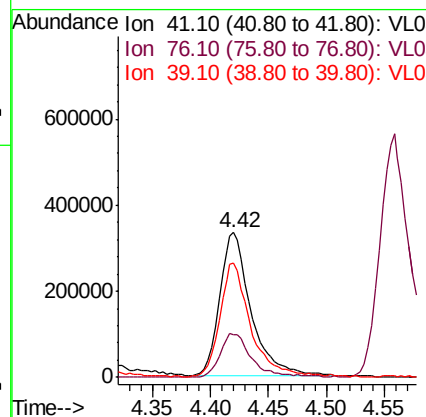
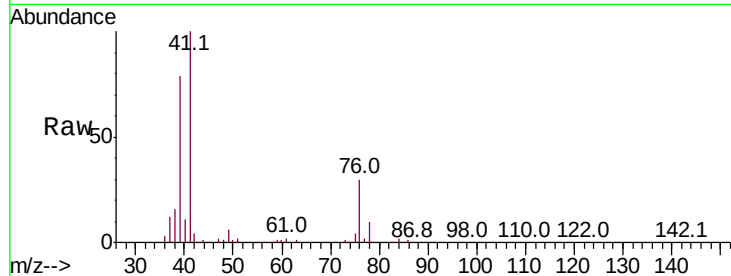


#21
 Allvl Chloride
 Concen: 9.466 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 41 100
 76 31.
 39 78.

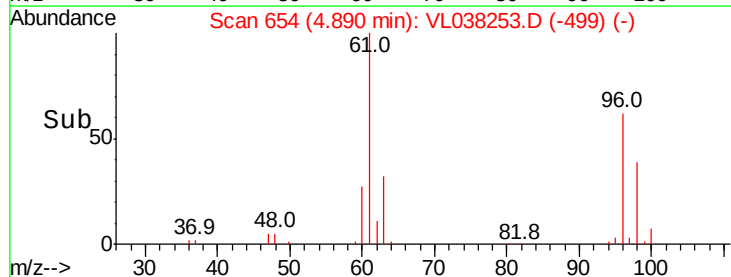
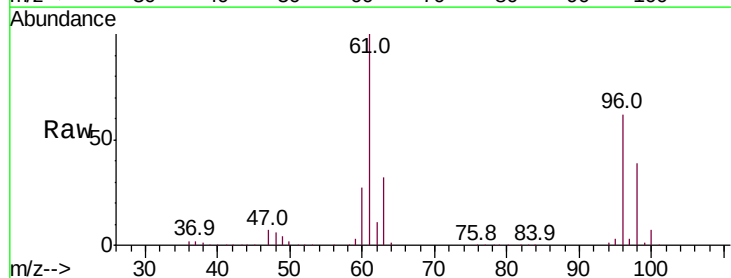
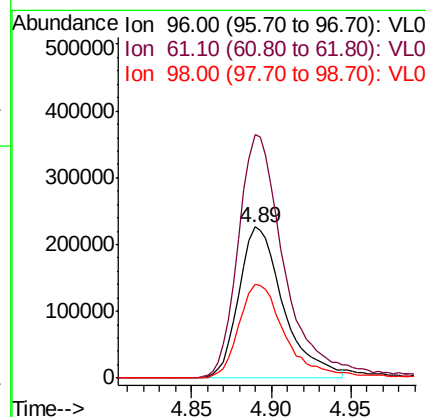
Manual Integrations
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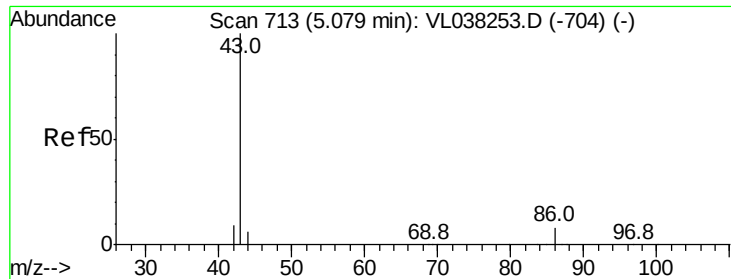
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.501 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 96 Resp: 432502
 Ion Ratio Lower Upper
 96 100
 61 161.0 123.5 185.3
 98 62.3 50.0 75.0





#23

Vinyl Acetate

Concen: 9.428 ppbv

RT: 5.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

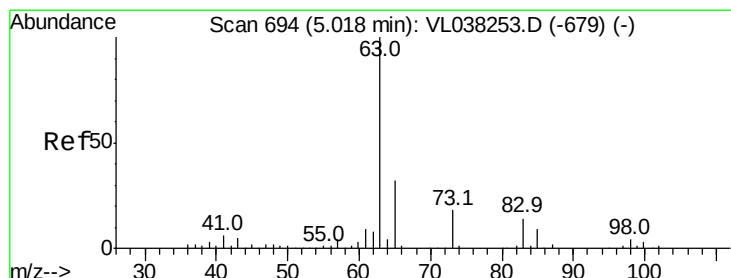
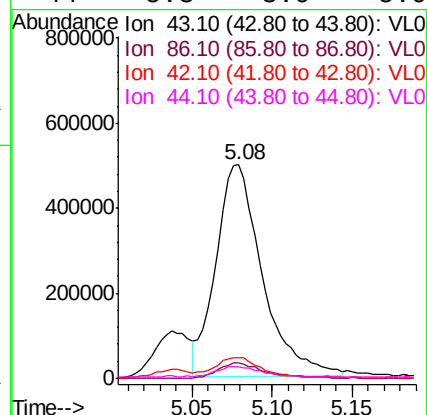
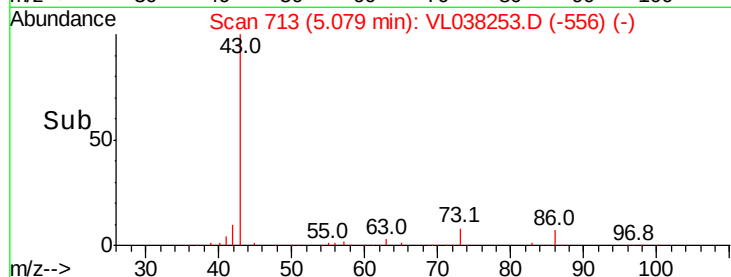
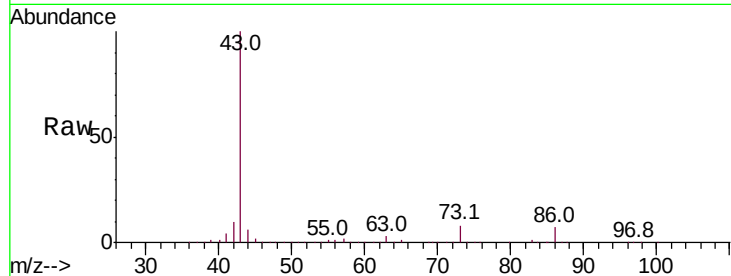
44 5.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#24

1,1-Dichloroethane

Concen: 9.120 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

Tgt Ion: 63 Resp: 863884

Ion Ratio Lower Upper

63 100

98 4.5

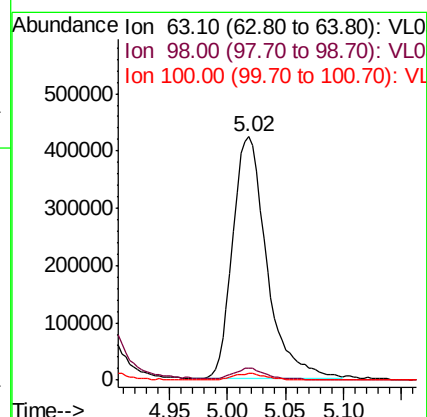
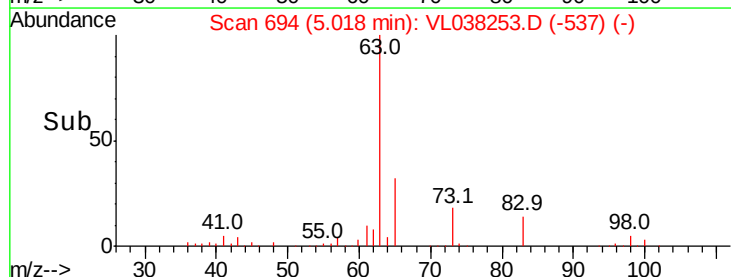
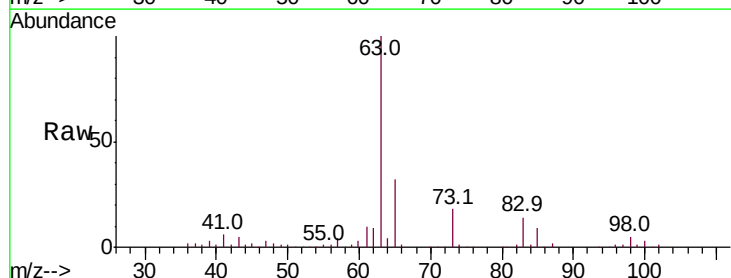
100 2.6

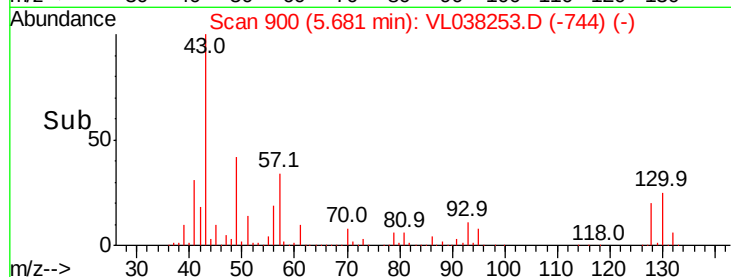
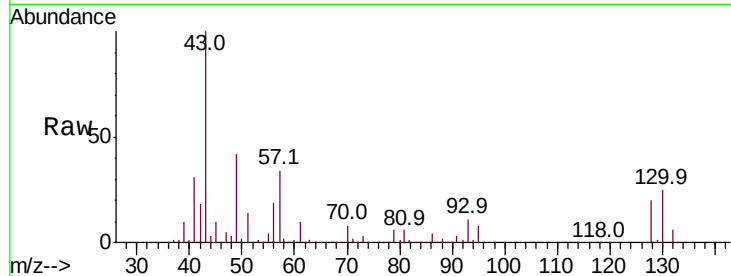
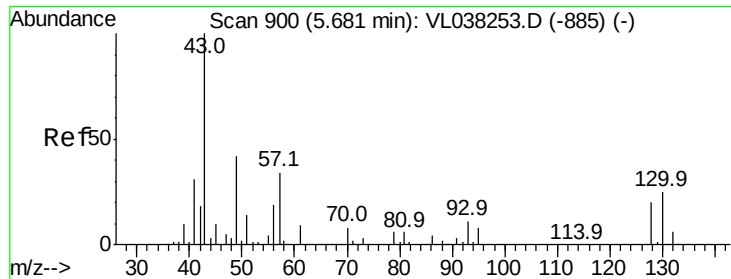
2.2

1.5

6.6

4.4



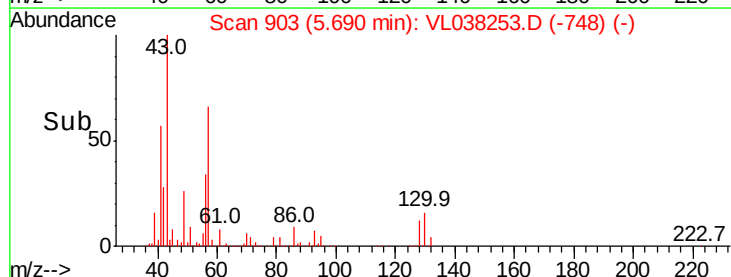
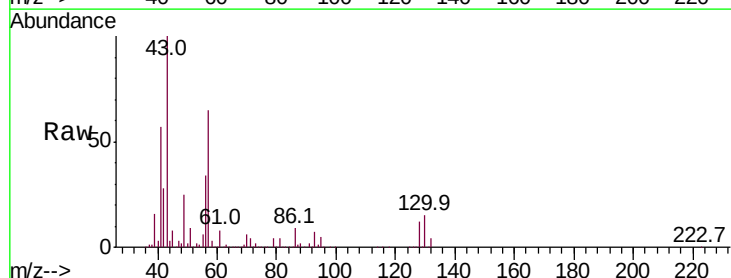
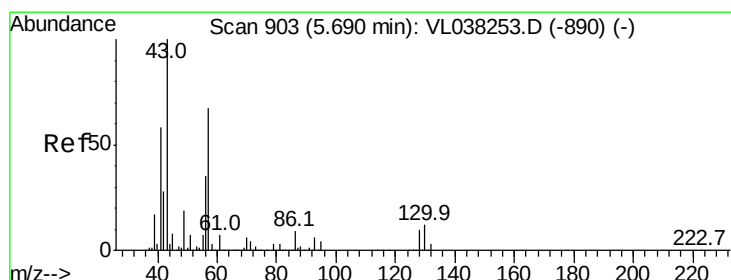
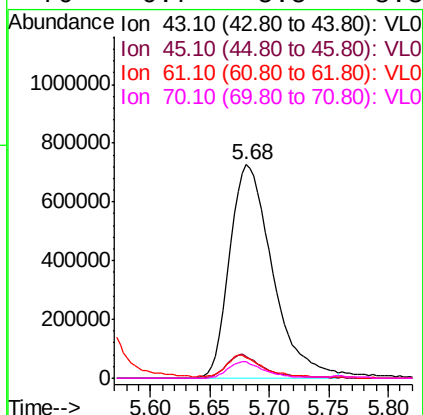


#25
Ethyl Acetate
Concen: 8.537 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.7 5.5 8.3

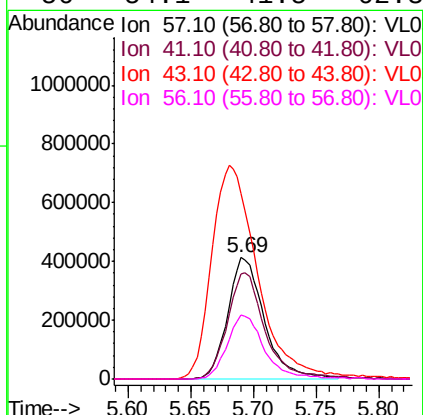
Manual Integrations
APPROVED

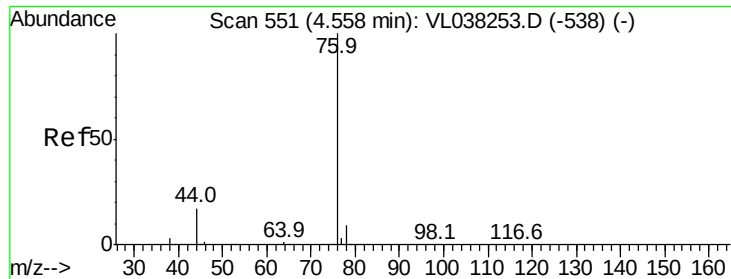
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 7.888 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 57 Resp: 838693
Ion Ratio Lower Upper
57 100
41 91.0 69.0 103.6
43 221.3 171.2 256.8
56 54.1 41.5 62.3



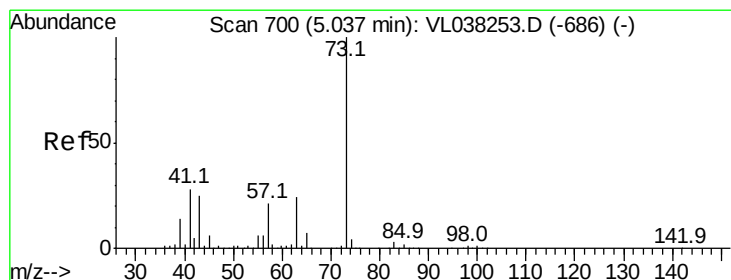
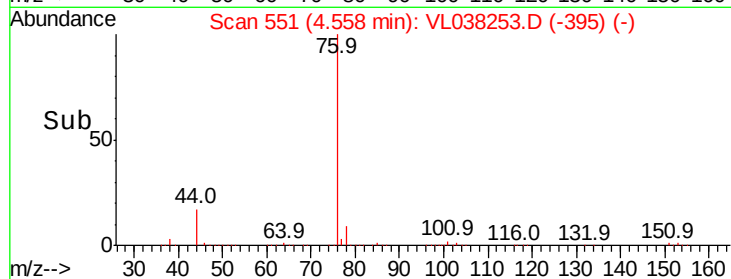
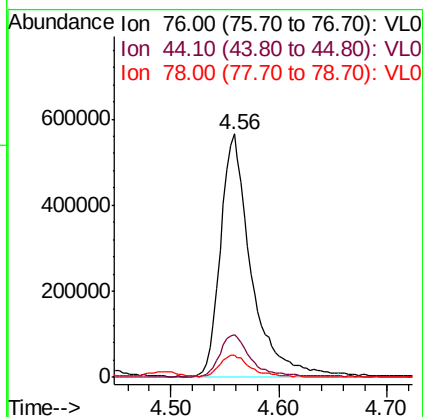
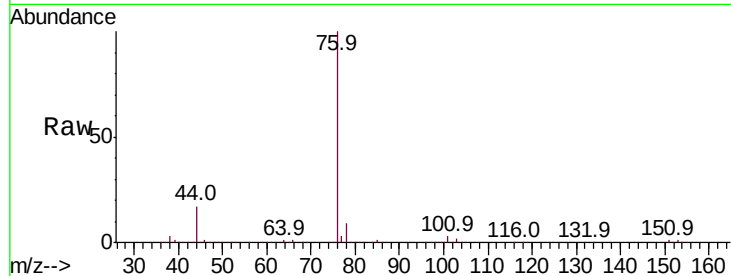


#27
Carbon Disulfide
Concen: 11.869 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27

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

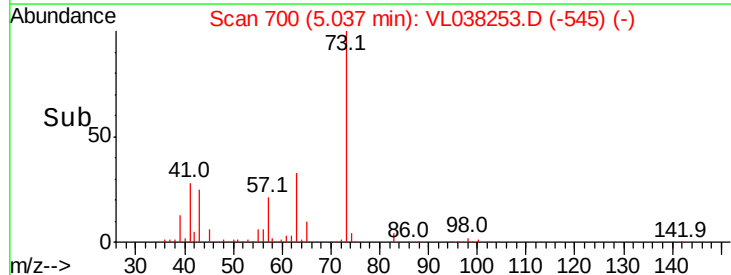
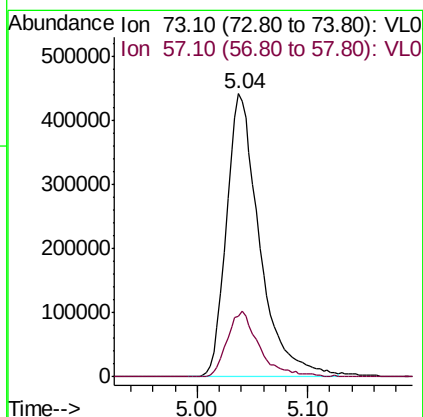
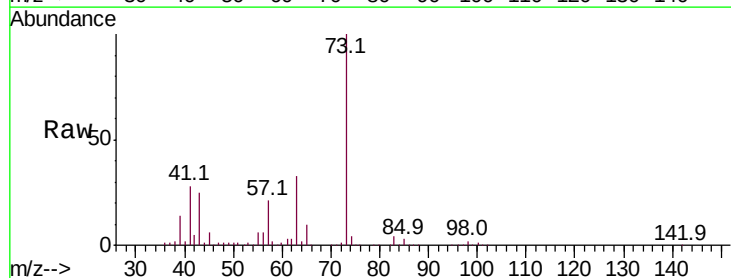
Manual Integrations
APPROVED

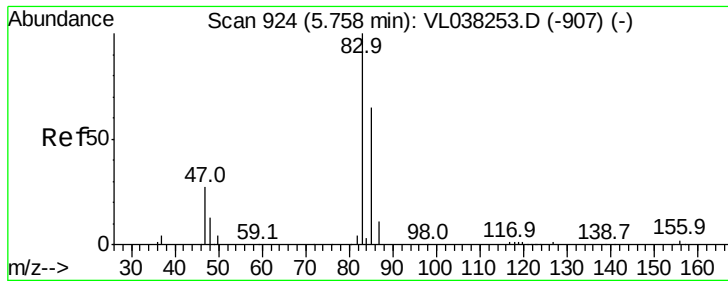
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#28
Methyl tert-Butyl Ether
Concen: 8.617 ppbv
RT: 5.04 min Scan# 700
Delta R.T. -0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 73 Resp: 920700
Ion Ratio Lower Upper
73 100
57 22.8 18.8 28.2



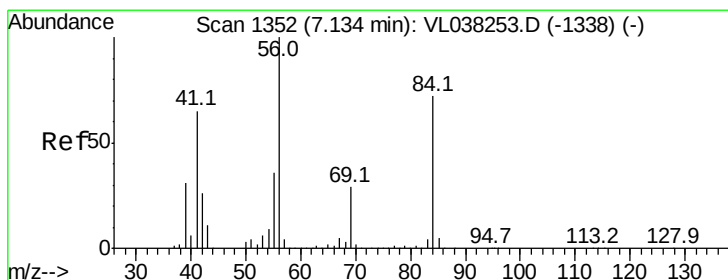
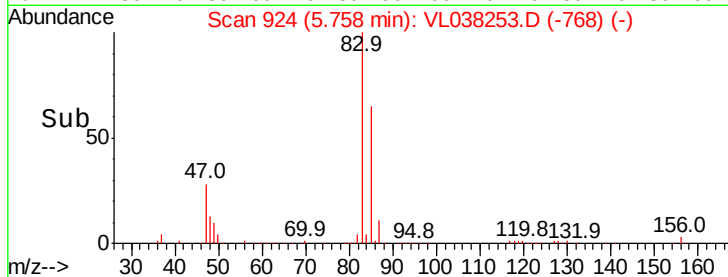
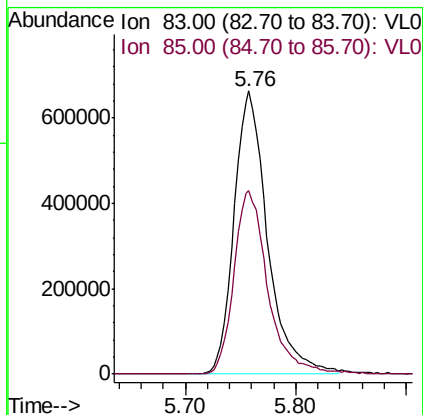
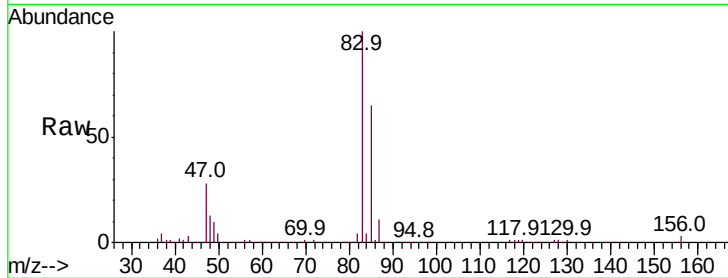


#29
Chloroform
Concen: 8.853 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
83 100
85 64.

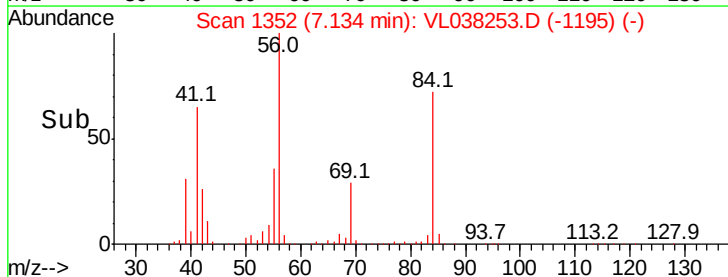
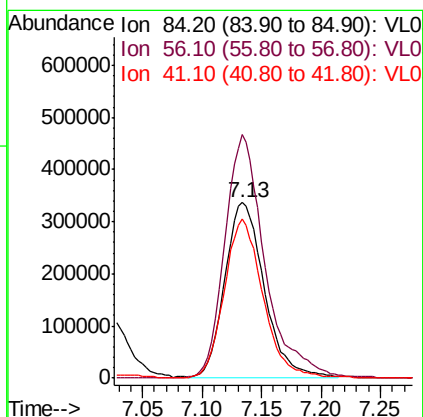
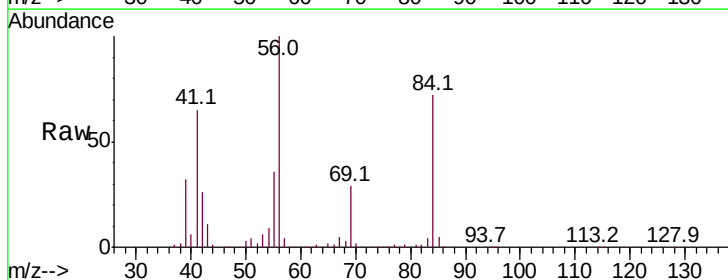
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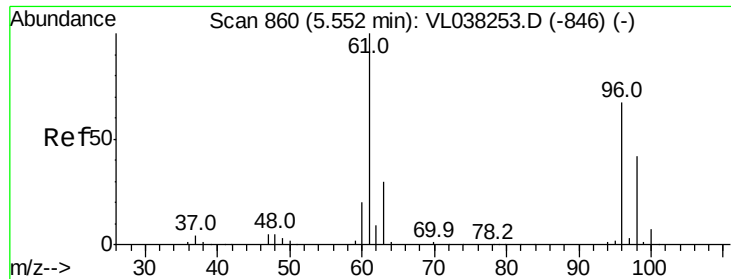
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#30
Cyclohexane
Concen: 8.268 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 84 Resp: 778617
Ion Ratio Lower Upper
84 100
56 140.9 105.2 157.8
41 88.9 63.2 94.8





#31

cis-1,2-Dichloroethene

Concen: 7.932 ppbv

RT: 5.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 9:27

Tot Ion:

Ion Ratio

61 100

96 66.

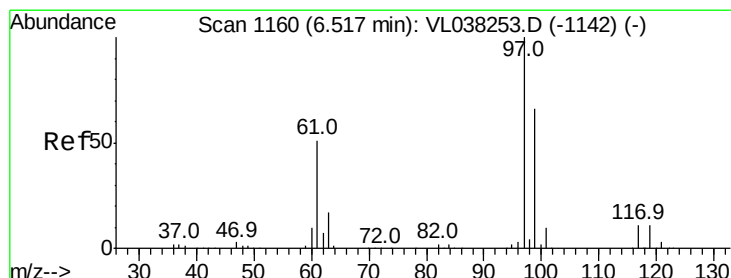
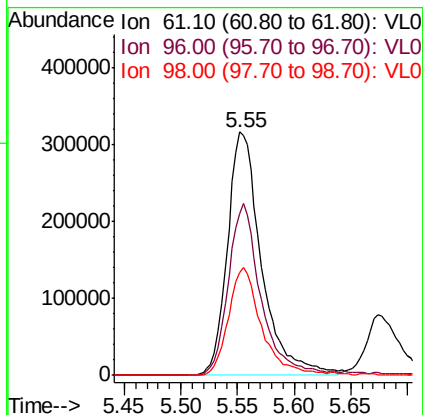
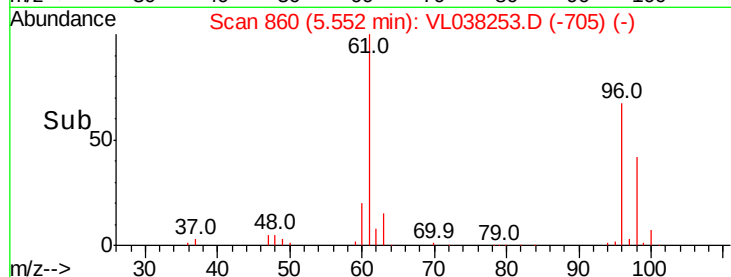
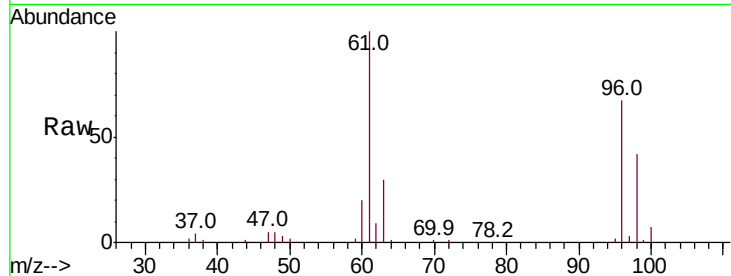
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#32

1,1,1-Trichloroethane

Concen: 9.129 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

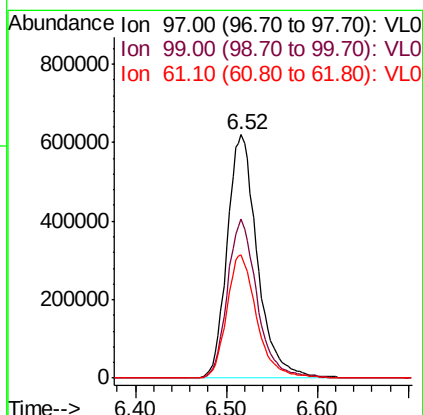
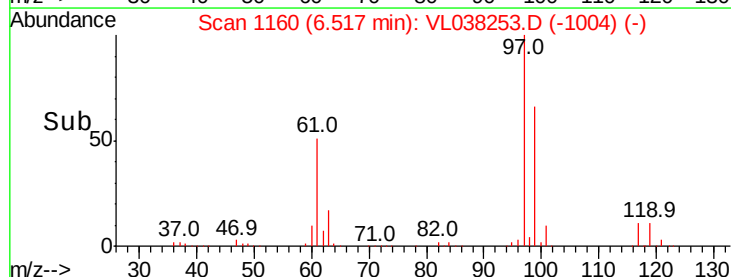
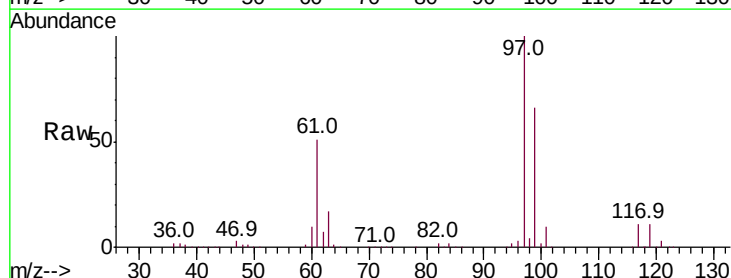
Tgt Ion: 97 Resp: 1429142

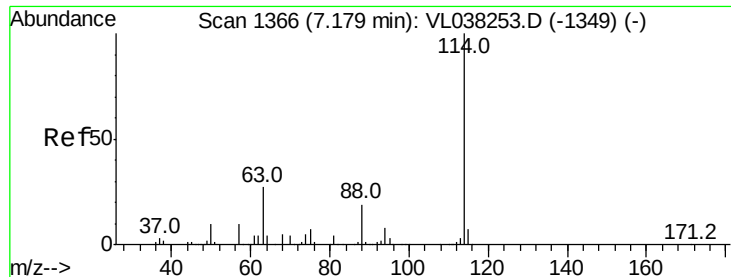
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 50.6 37.2 55.8



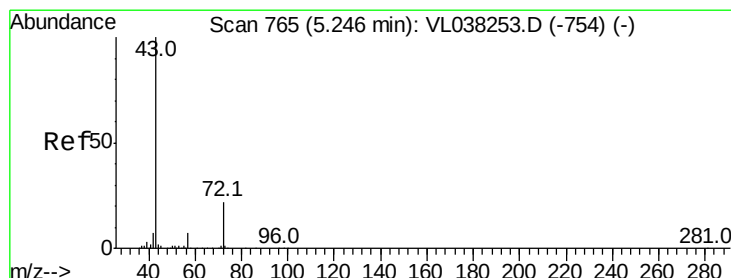
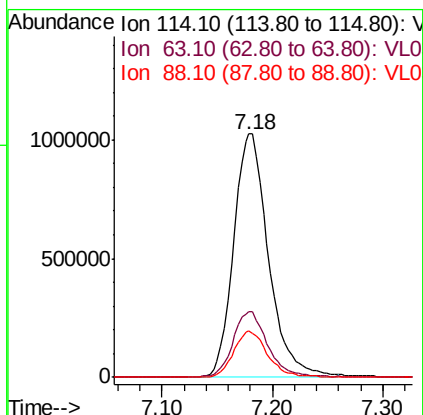
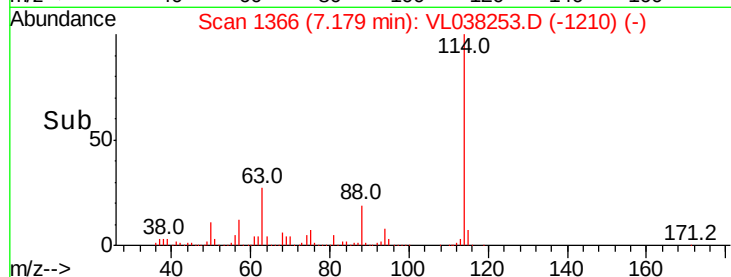
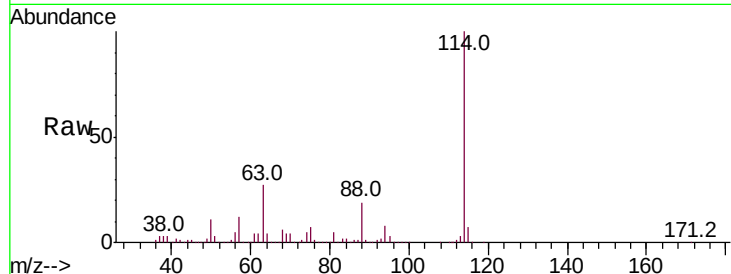


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

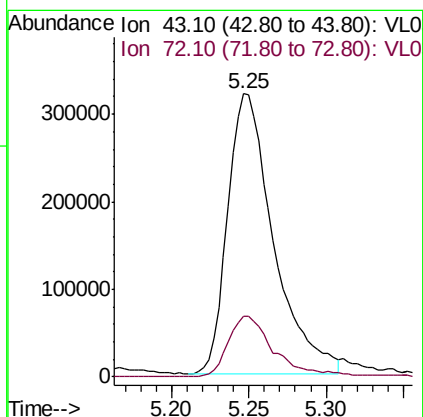
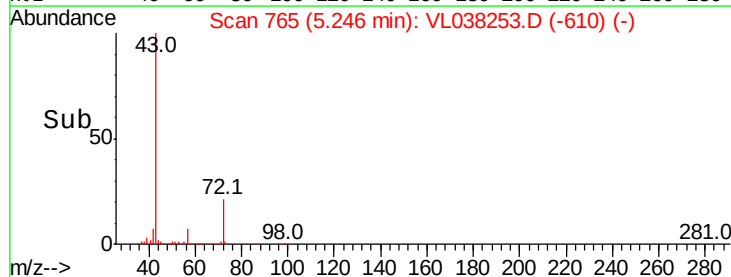
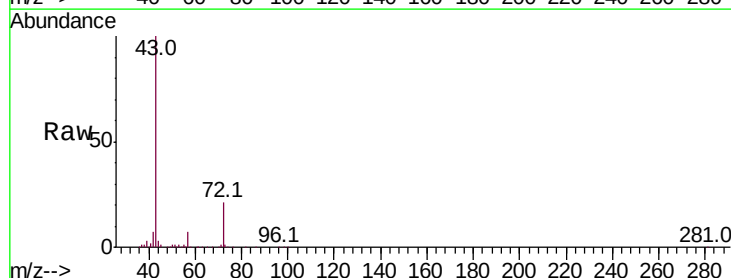
Manual Integrations
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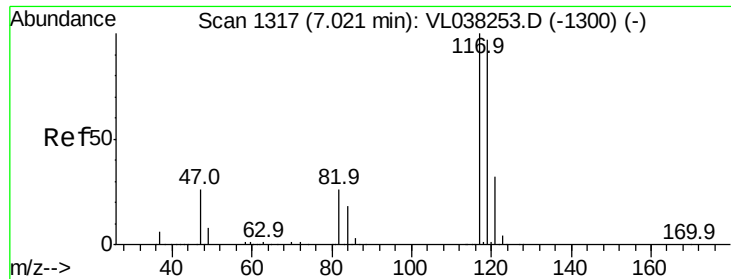
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#34
 2-Butanone
 Concen: 9.768 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 43 Resp: 657919
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.3 27.5



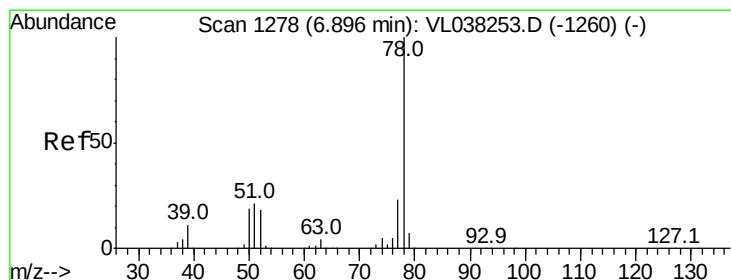
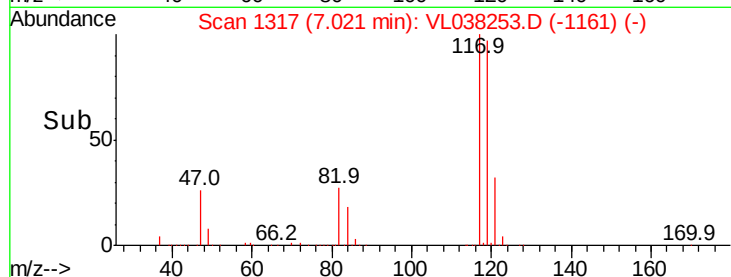
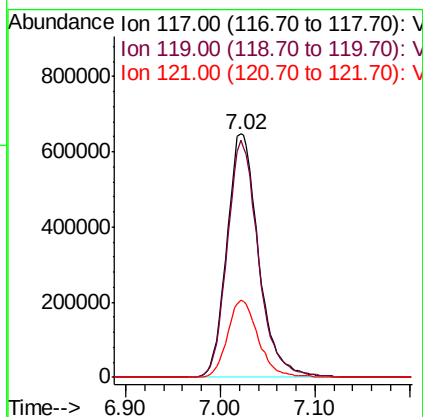
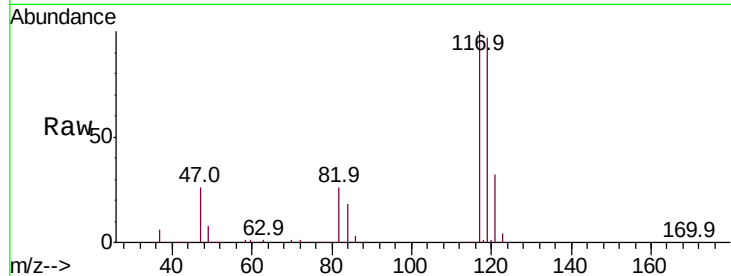


#35
Carbon Tetrachloride
Concen: 10.919 ppbv
RT: 7.02 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDICCC010
Acq: 24 Jan 2022 9:27

Tot Ion:1
Ion Rati
117 100
119 97.
121 31.

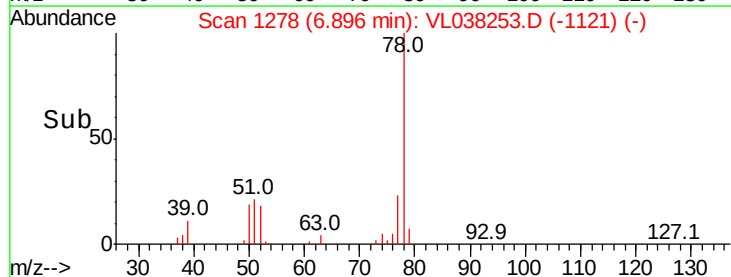
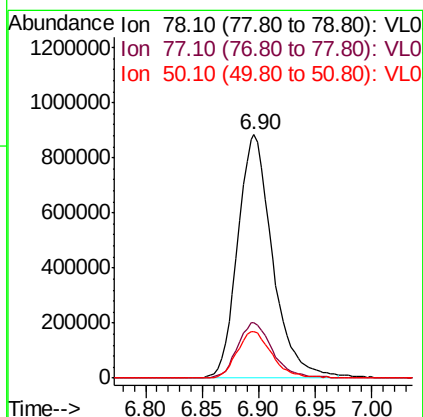
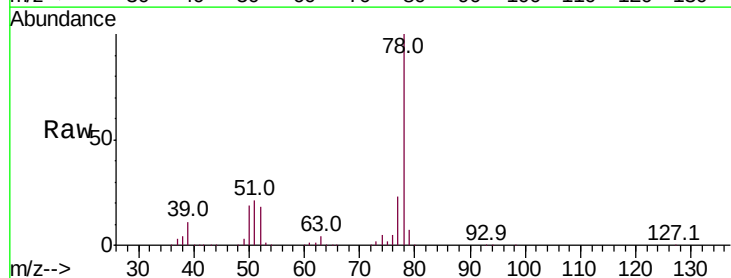
Manual Integrations
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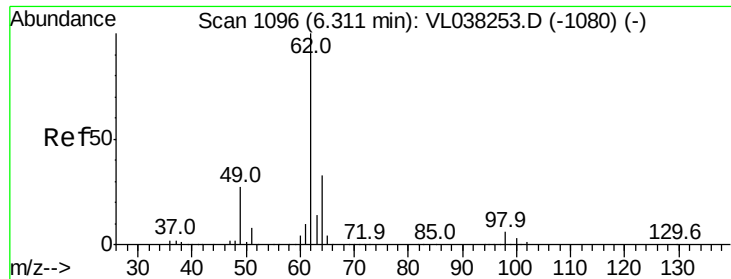
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#36
Benzene
Concen: 9.073 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 78 Resp: 1896477
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.4
50 18.9 14.3 21.5



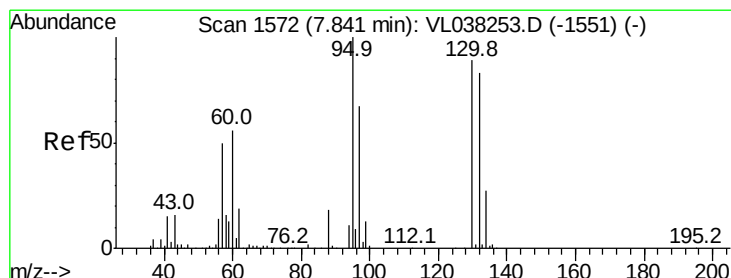
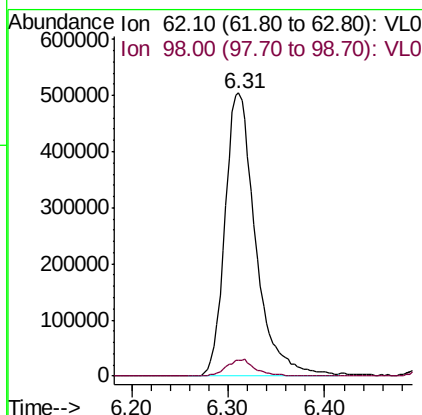
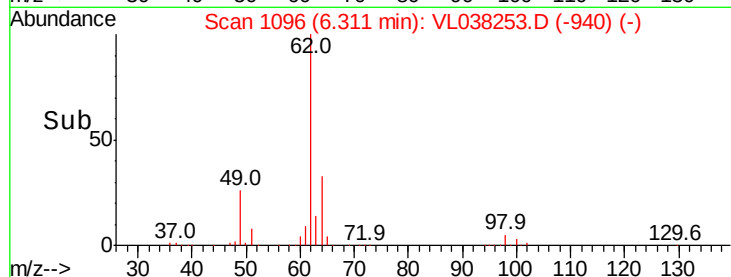
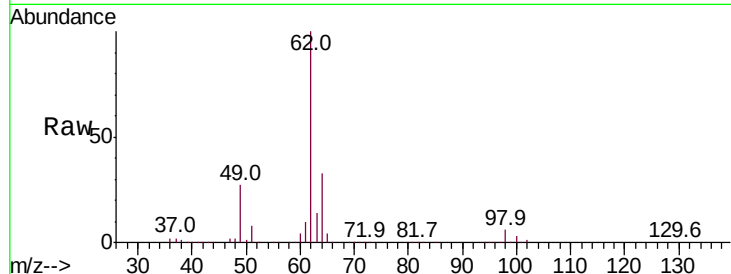


#37
 1,2-Dichloroethane
 Concen: 10.587 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 62 100
 98 5.

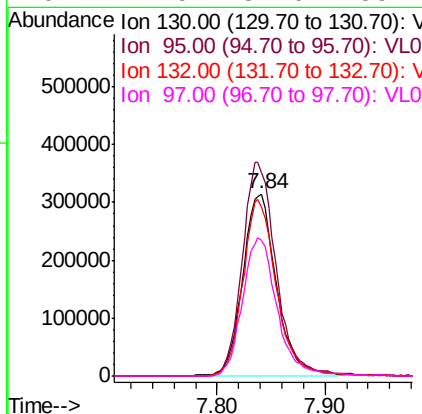
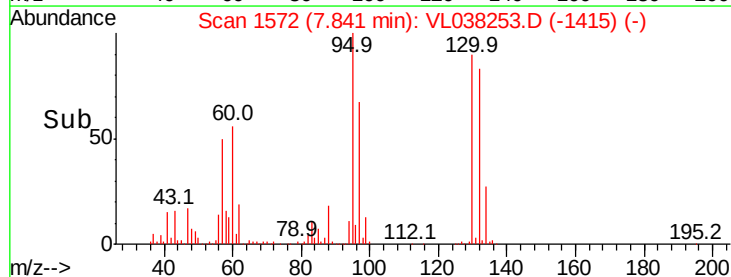
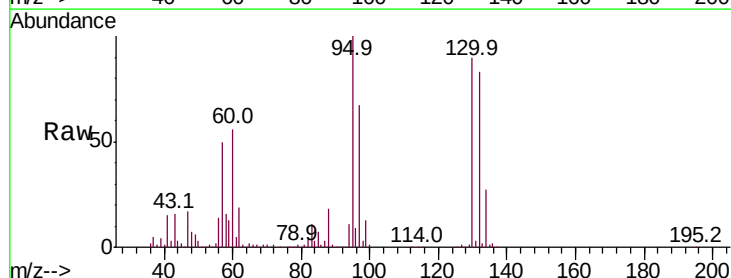
Manual Integrations
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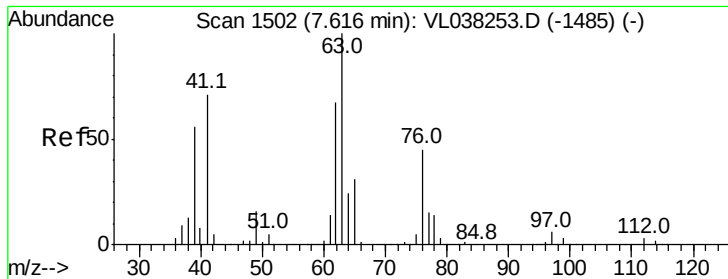
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#38
 Trichloroethene
 Concen: 8.564 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:130 Resp: 681274
 Ion Ratio Lower Upper
 130 100
 95 111.8 87.0 130.4
 132 93.2 75.1 112.7
 97 74.5 57.0 85.4



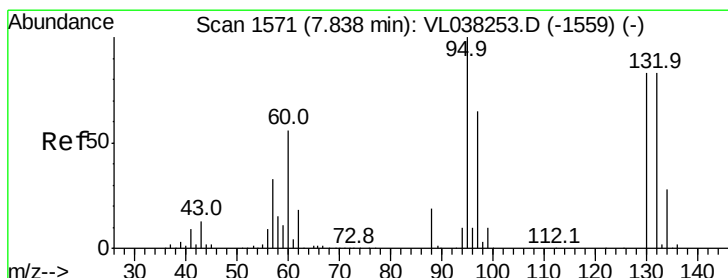
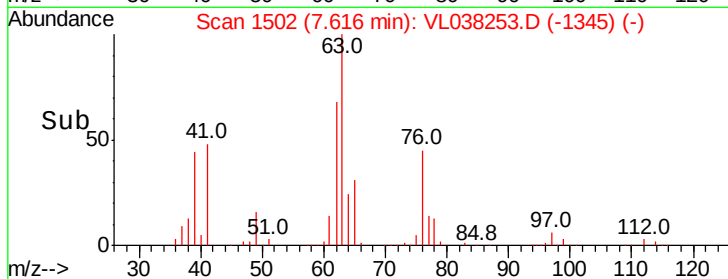
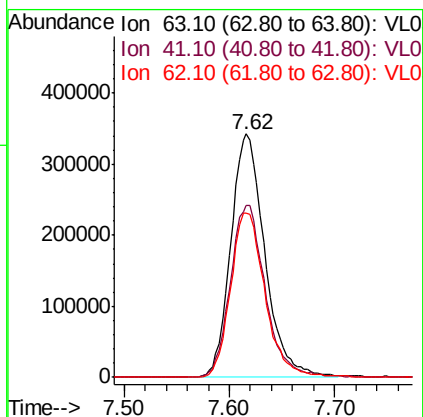
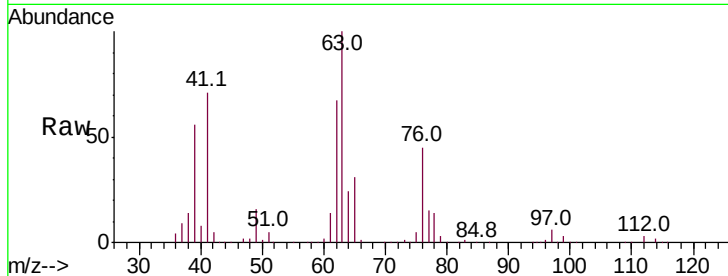


#39
 1,2-Dichloropropane
 Concen: 9.523 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 63 100
 41 70.
 62 67.

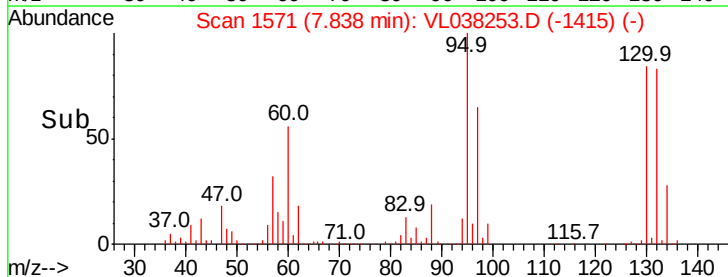
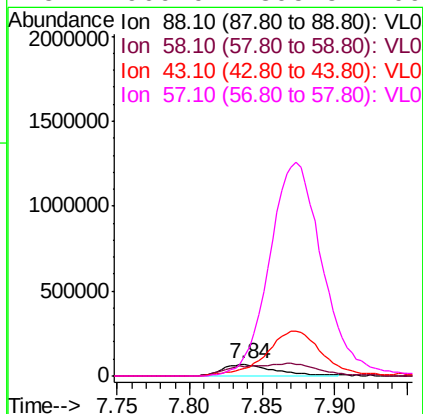
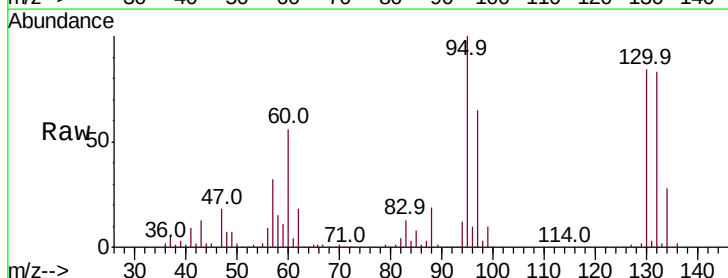
Manual Integrations
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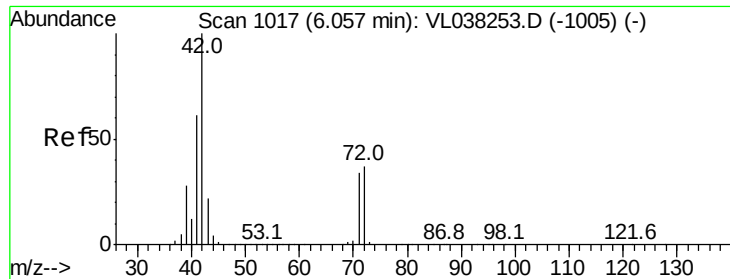
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#40
 1,4-Dioxane
 Concen: 7.209 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 88 Resp: 168710
 Ion Ratio Lower Upper
 88 100
 58 173.3 127.8 191.8
 43 433.6 301.0 451.6
 57 1909.9 1395.5 2093.3



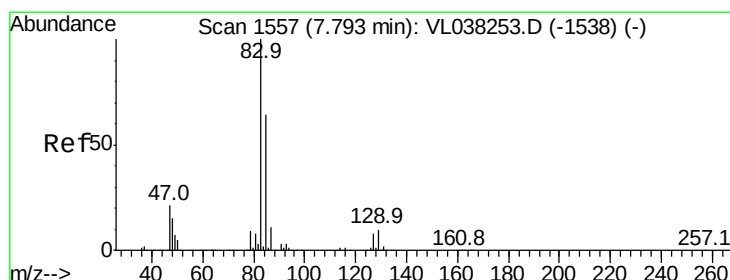
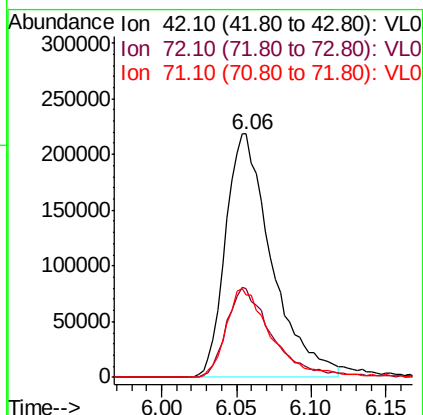
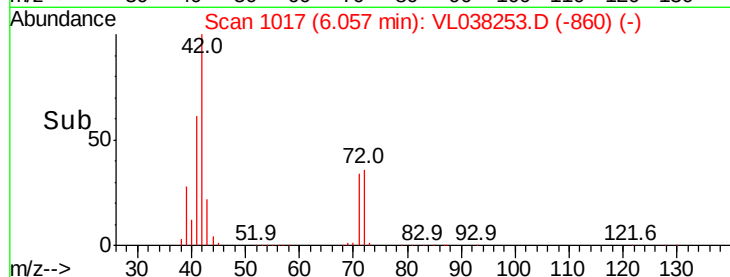
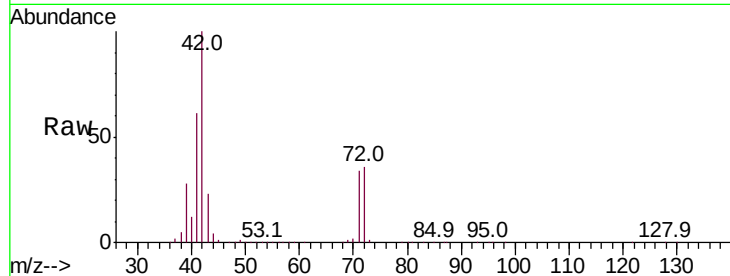


#41
Tetrahydrofuran
Concen: 9.468 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
42 100
72 37.
71 36.

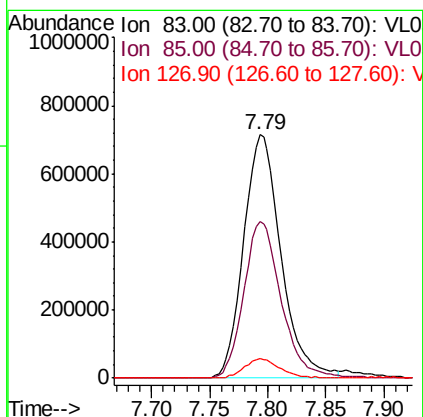
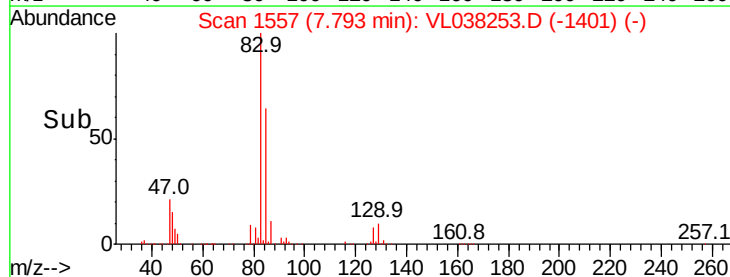
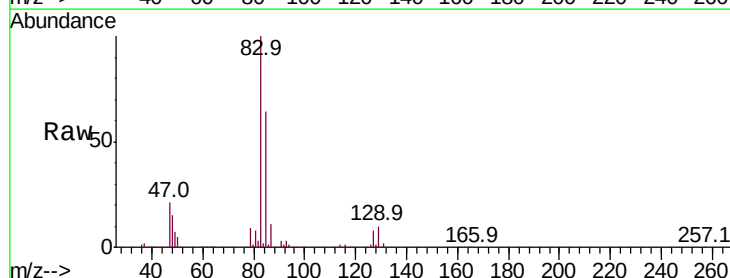
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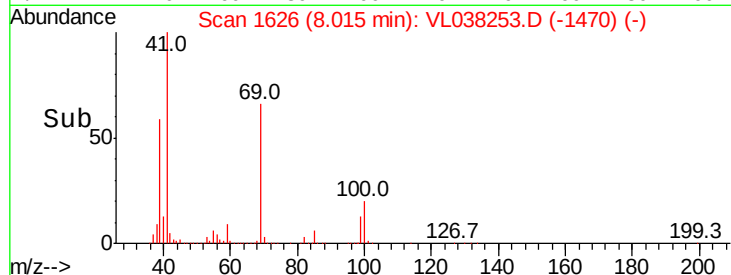
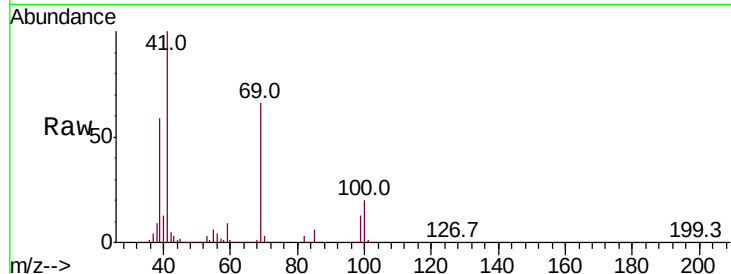
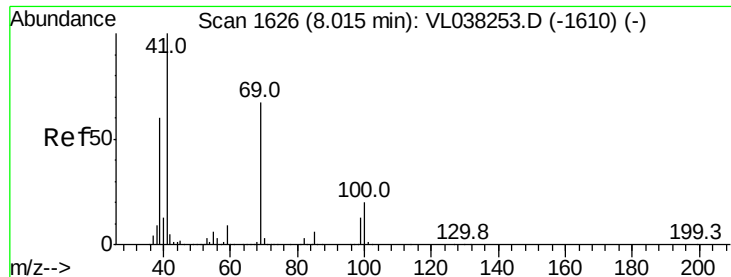
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#42
Bromodichloromethane
Concen: 10.794 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 83 Resp: 1610895
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0
127 7.8 6.1 9.1



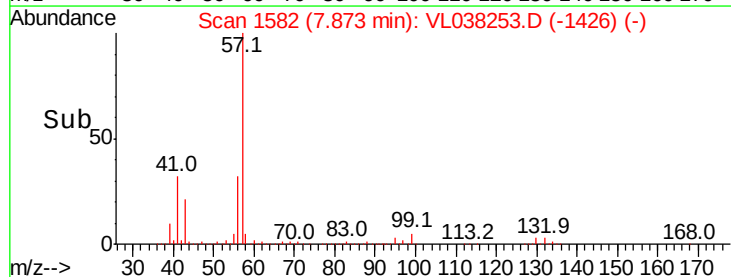
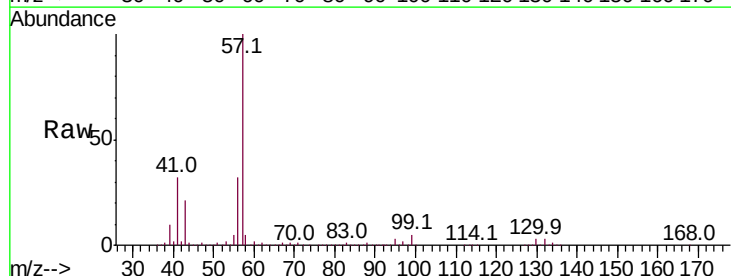
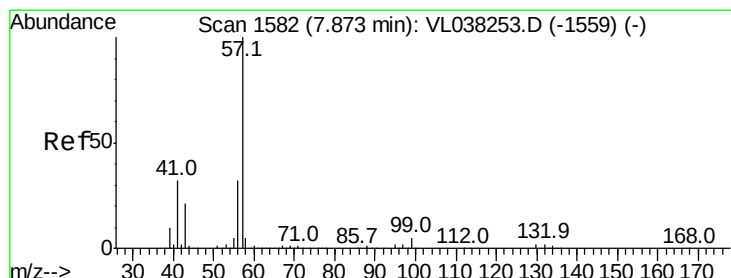
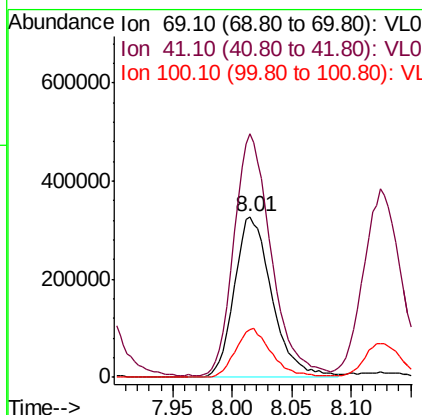


#43
Methyl Methacrylate
Concen: 9.965 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
69 100
41 151.
100 29.

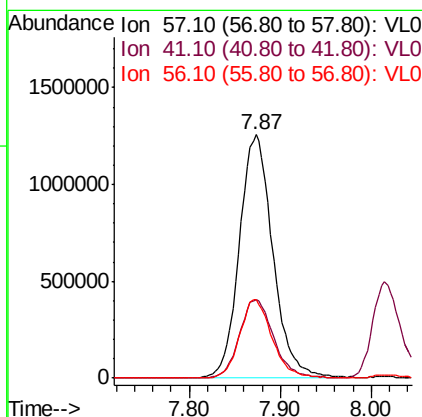
Manual Integrations
APPROVED

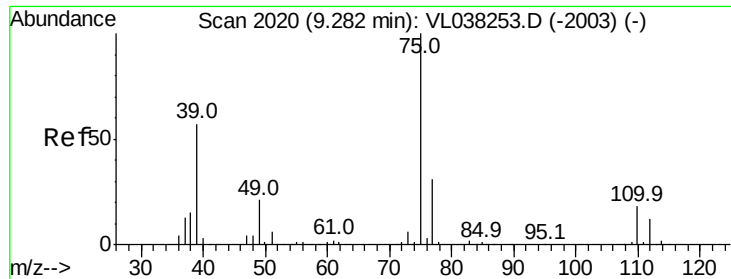
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#44
2,2,4-Trimethylpentane
Concen: 9.048 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 57 Resp: 3212767
Ion Ratio Lower Upper
57 100
41 32.9 24.9 37.3
56 31.5 24.8 37.2



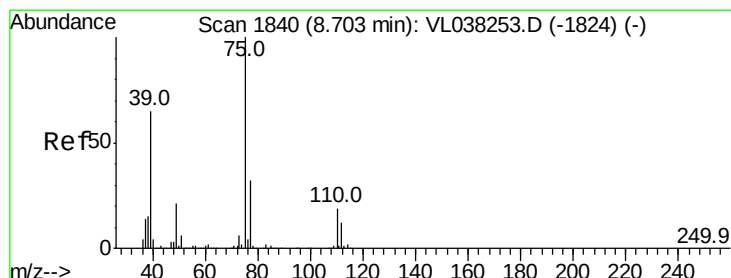
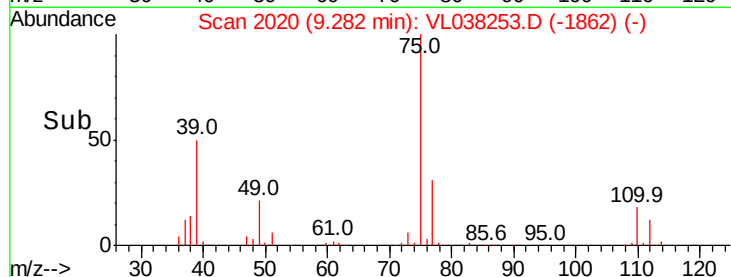
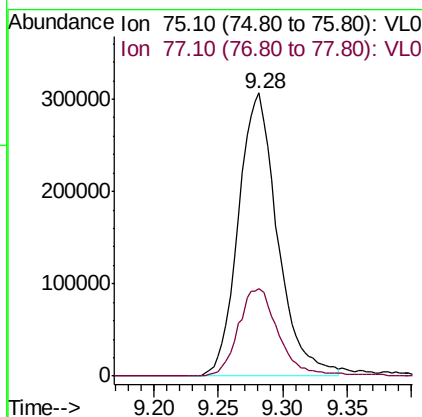
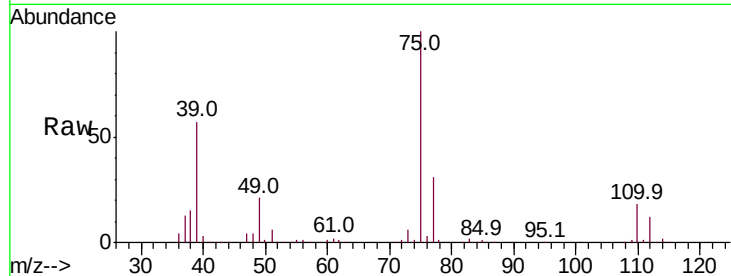


#45
t-1,3-Dichloropropene
Concen: 12.200 ppbv
RT: 9.28
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
75 100
77 31.

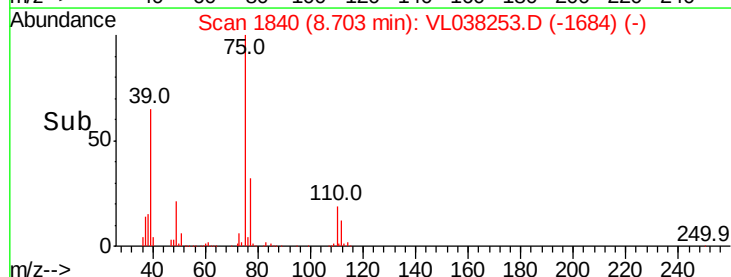
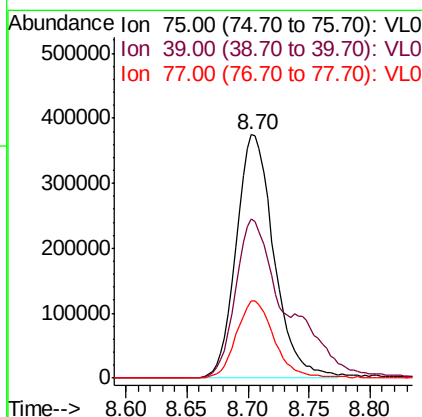
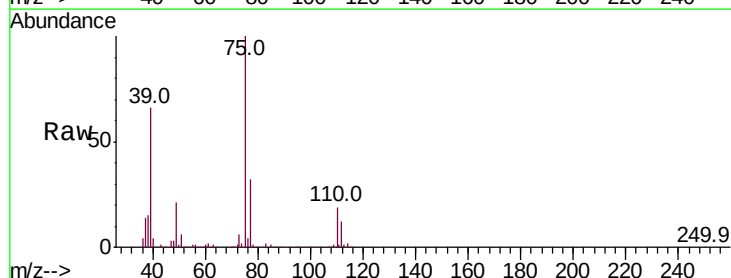
Manual Integrations
APPROVED

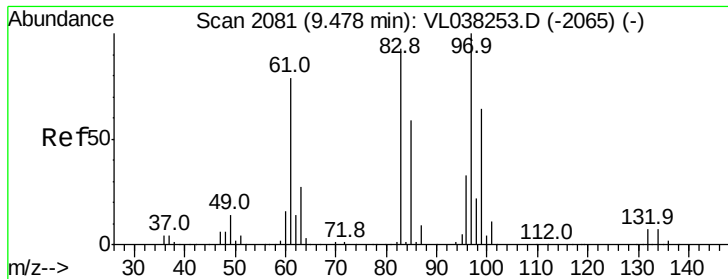
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#46
cis-1,3-Dichloropropene
Concen: 10.893 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 75 Resp: 802765
Ion Ratio Lower Upper
75 100
39 65.4 48.9 73.3
77 31.7 26.2 39.2



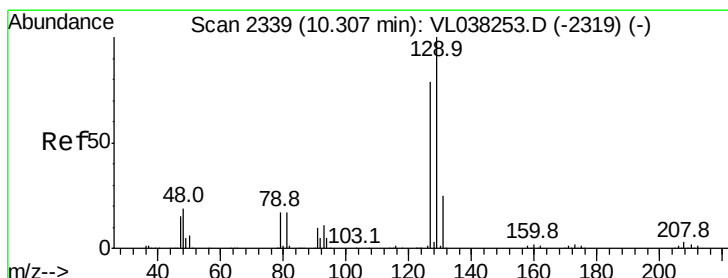
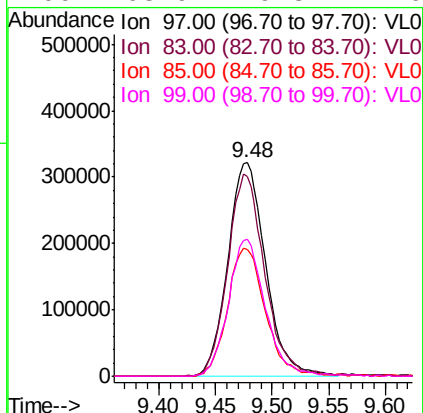
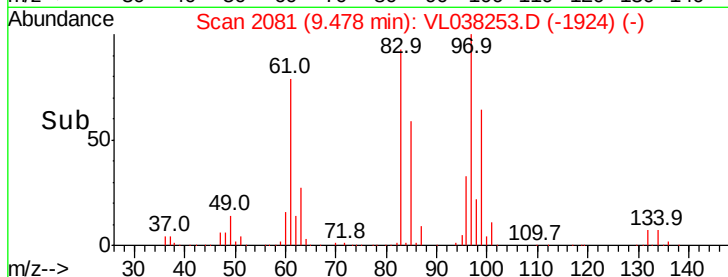
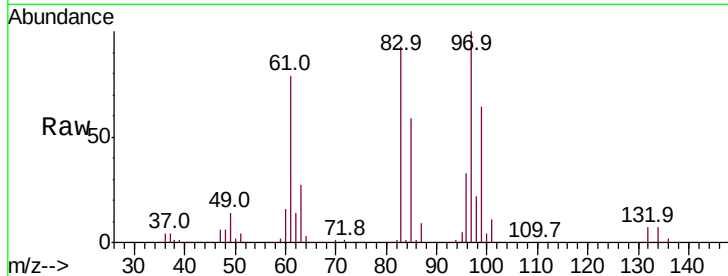


#47
 1,1,2-Trichloroethane
 Concen: 8.967 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 59.
 99 63.9 49.8 74.6

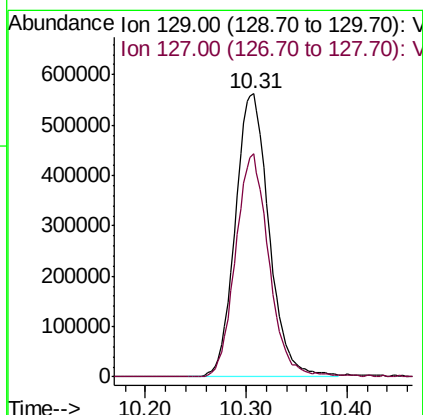
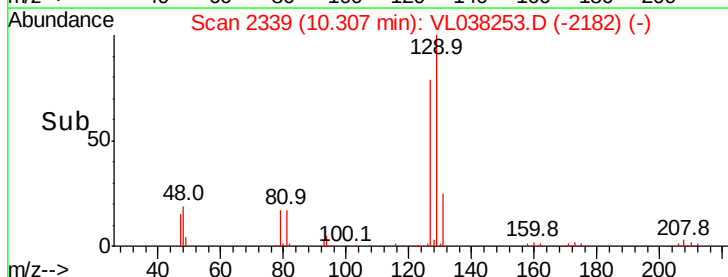
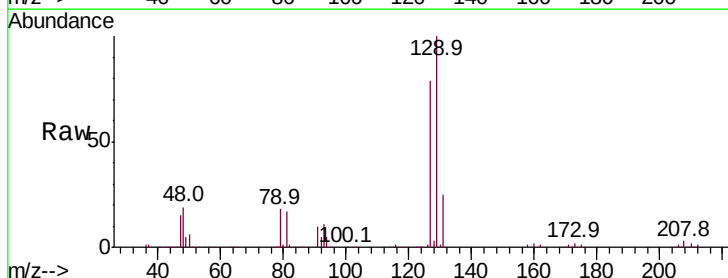
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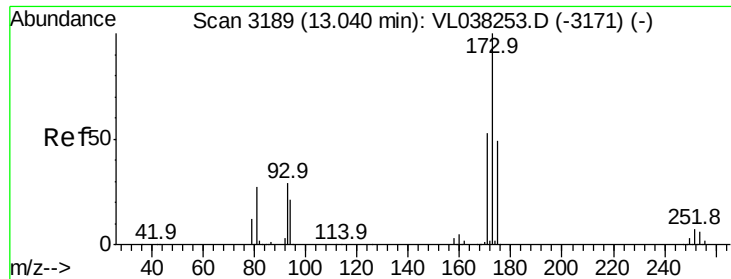
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#48
 Dibromochloromethane
 Concen: 11.140 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:129 Resp: 1307968
 Ion Ratio Lower Upper
 129 100
 127 78.2 40.2 120.6





#49

Bromoform

Concen: 11.493 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 24 Jan 2022

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

9.27

Tot Ion:1

Ion Rati

173 100

175 49.

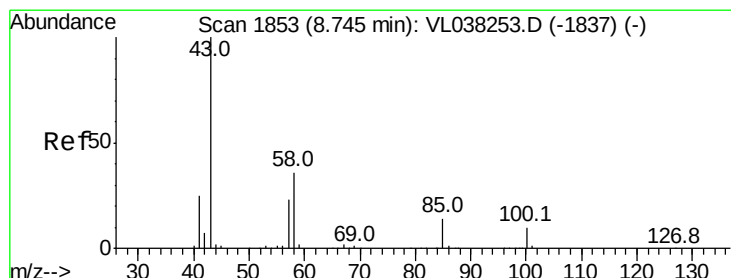
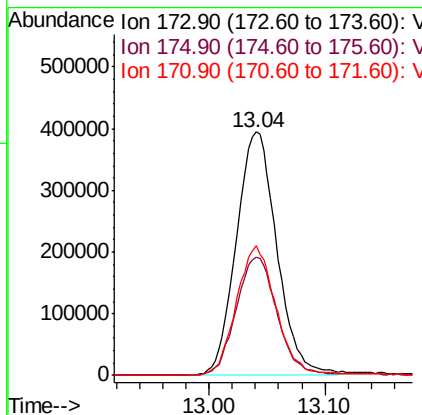
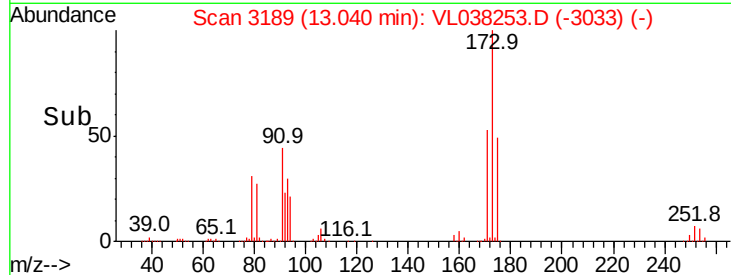
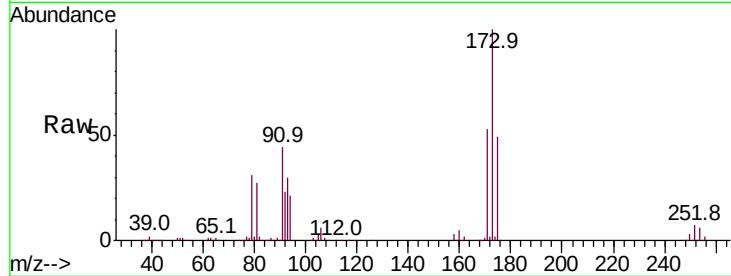
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#50

4-Methyl-2-Pentanone

Concen: 10.542 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VL038253.D

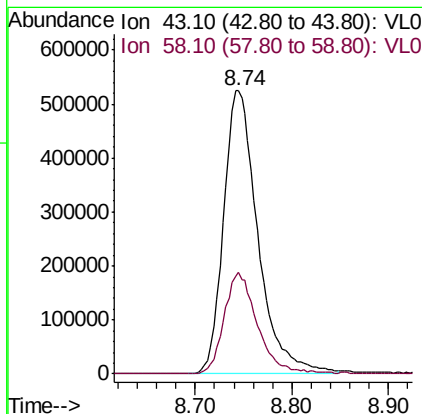
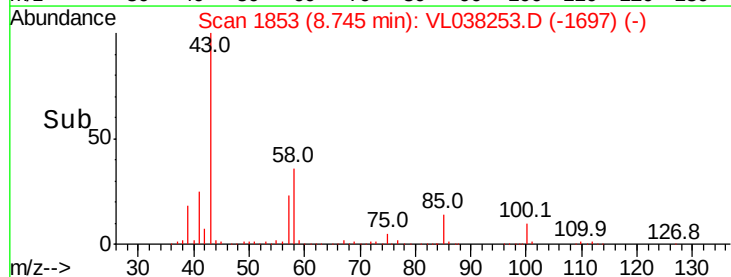
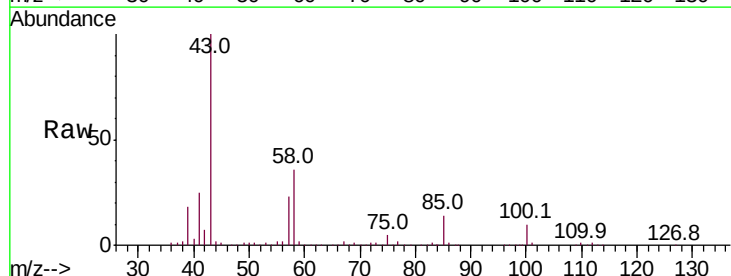
Acq: 24 Jan 2022 9:27

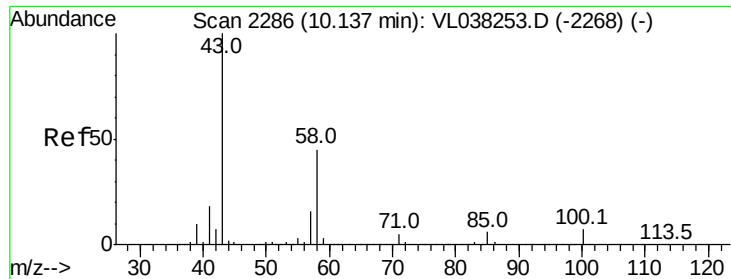
Tgt Ion: 43 Resp: 1291051

Ion Ratio Lower Upper

43 100

58 35.3 29.4 44.2



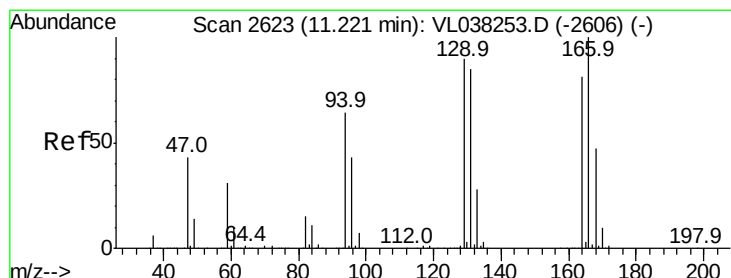
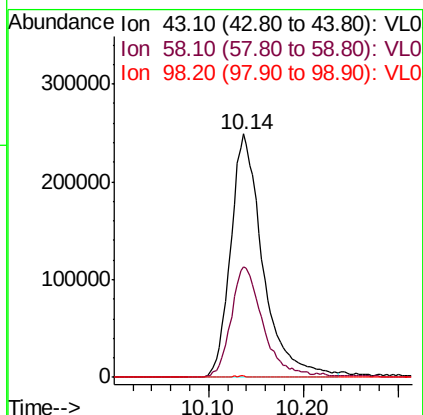
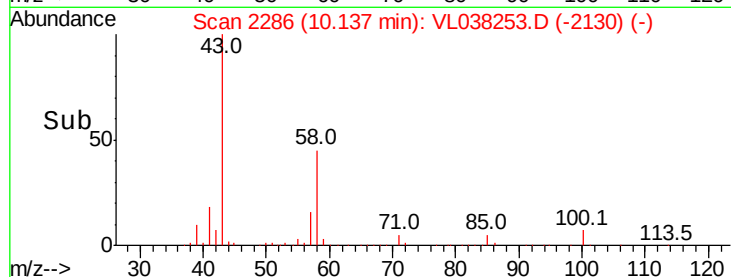
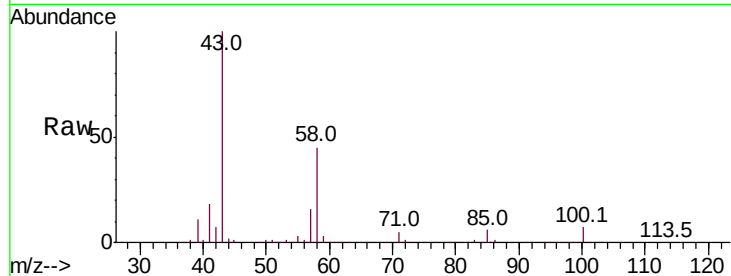


#51
2-Hexanone
Concen: 10.052 ppbv
RT: 10.14 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDICCC010
Acq: 24 Jan 2022 9:27

Tot Ion:
Ion Ratio
43 100
58 46.1
98 0.1

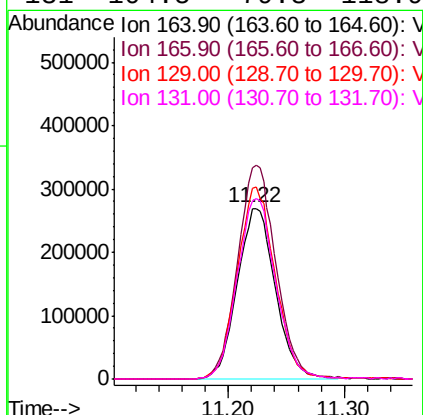
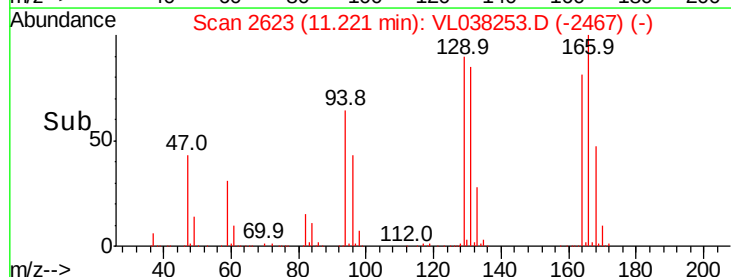
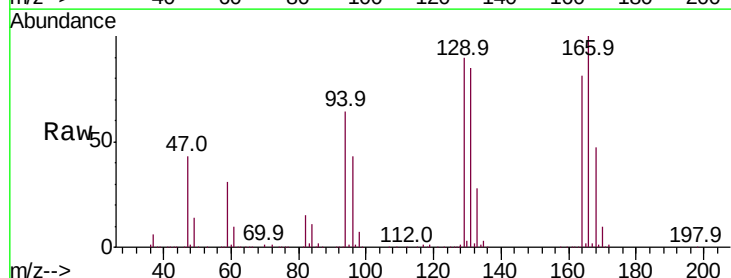
Manual Integrations
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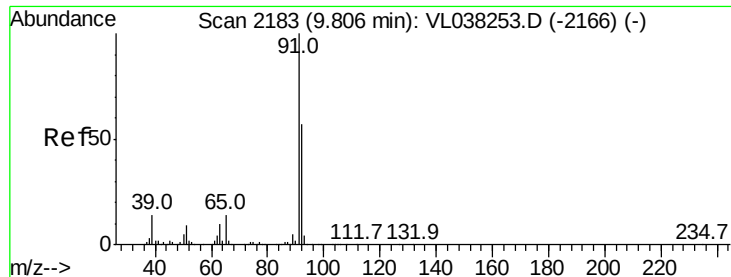
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#52
Tetrachloroethene
Concen: 7.974 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: 0.00 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 164 Resp: 615214
Ion Ratio Lower Upper
164 100
166 123.5 95.6 143.4
129 111.5 85.8 128.8
131 104.5 79.3 118.9





#53

Toluene

Concen: 8.852 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

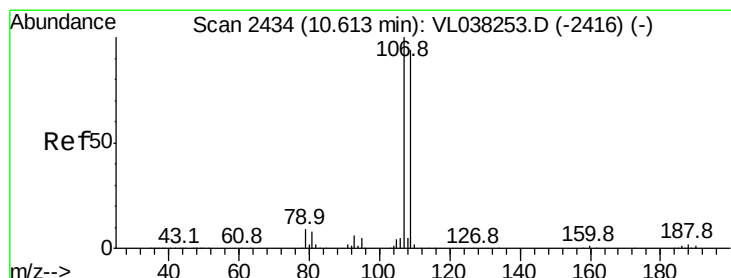
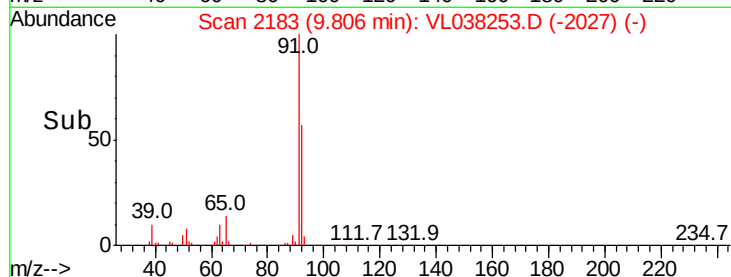
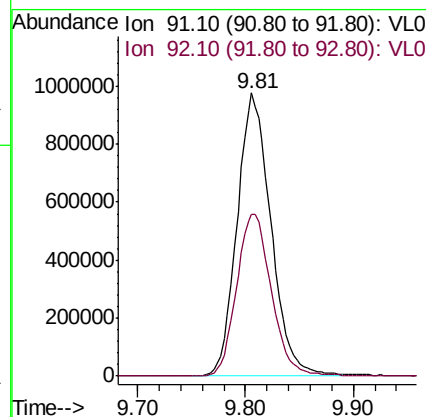
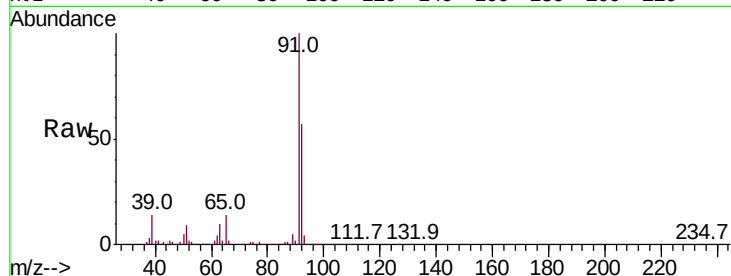
Supervised By :Mahesh Dadoda 01/26/2022

Tot Ion:

Ion Ratio

91 100

92 59.



#54

1,2-Dibromoethane

Concen: 9.211 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038253.D

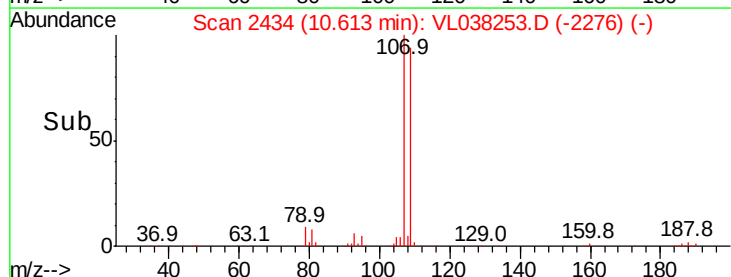
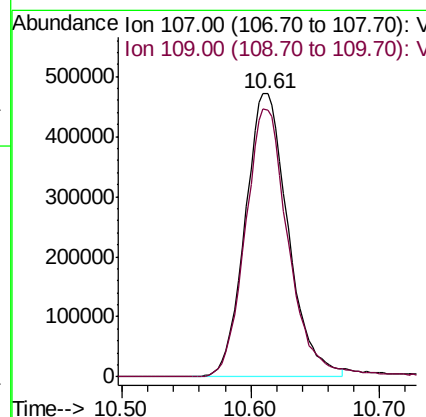
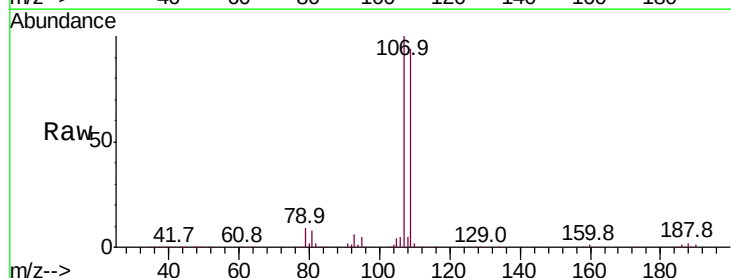
Acq: 24 Jan 2022 9:27

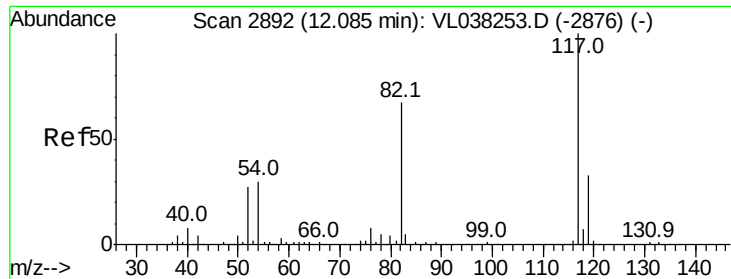
Tgt Ion:107 Resp: 1090946

Ion Ratio Lower Upper

107 100

109 94.2 73.3 109.9



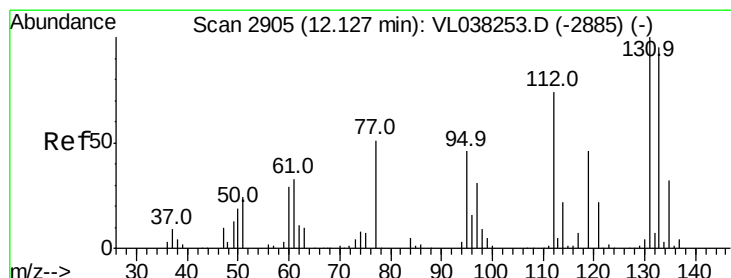
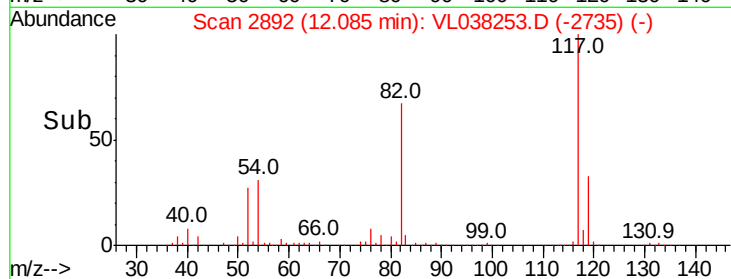
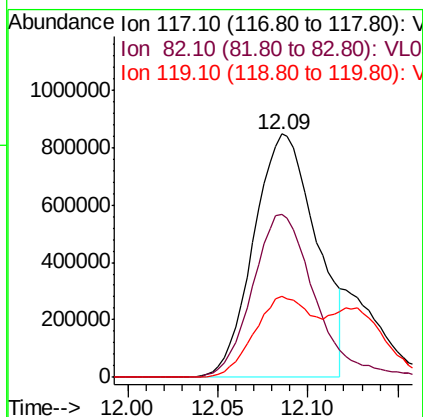
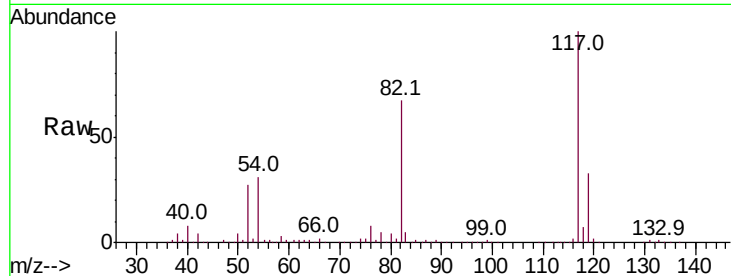


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27

Tot Ion:1
Ion Rati
117 100
82 68.
119 57.

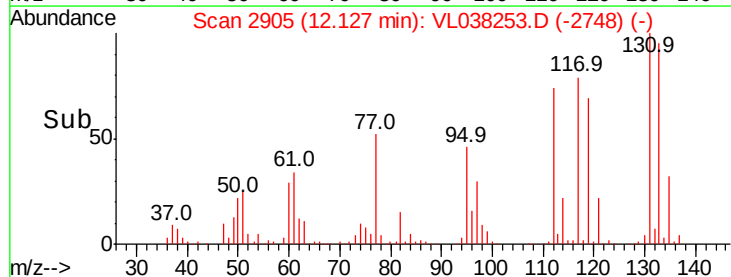
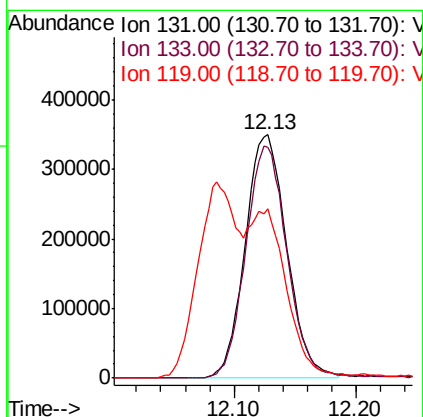
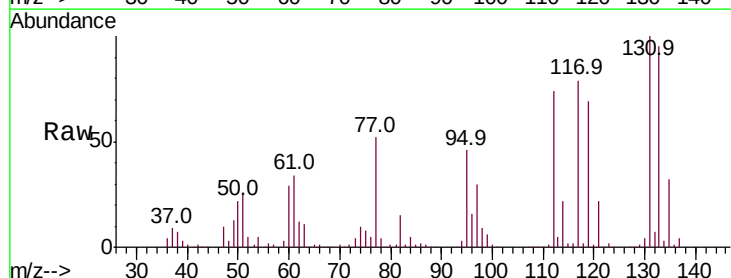
Manual Integrations
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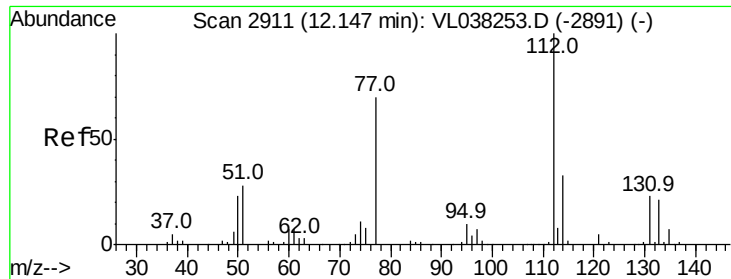
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.611 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion:131 Resp: 821419
Ion Ratio Lower Upper
131 100
133 95.0 77.6 116.4
119 66.2 124.8 187.2#



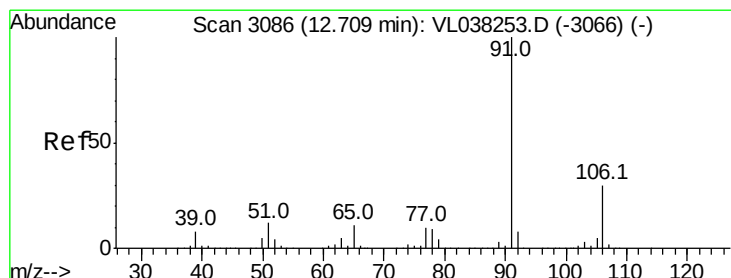
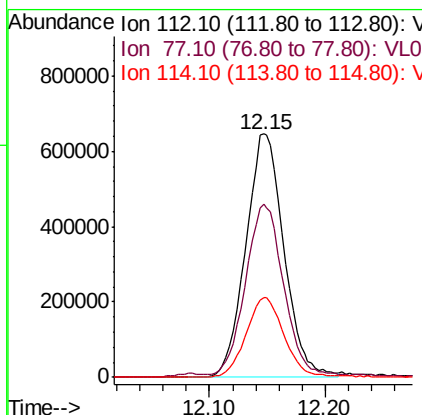
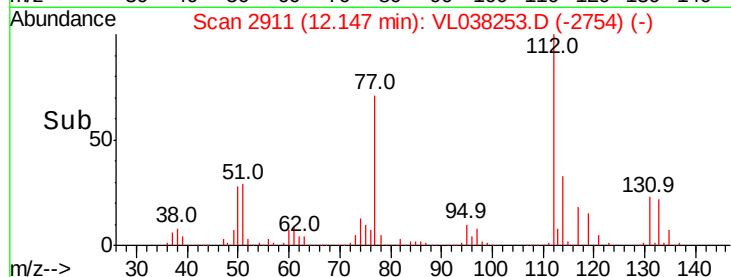
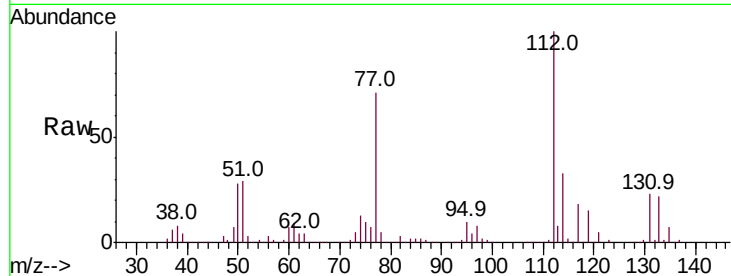


#57
 Chlorobenzene
 Concen: 8.332 ppbv
 RT: 12.15 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion: 1
 Ion Ratio
 112 100
 77 69.
 114 32.

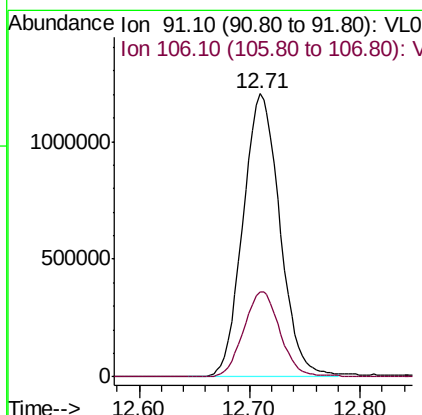
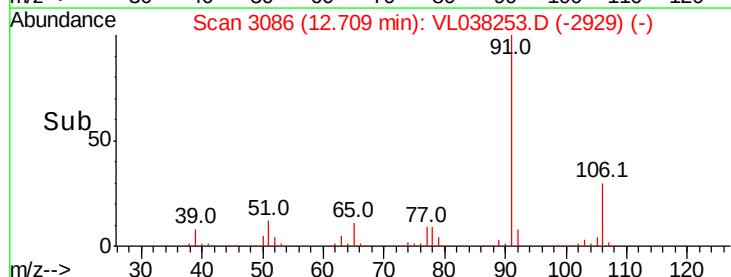
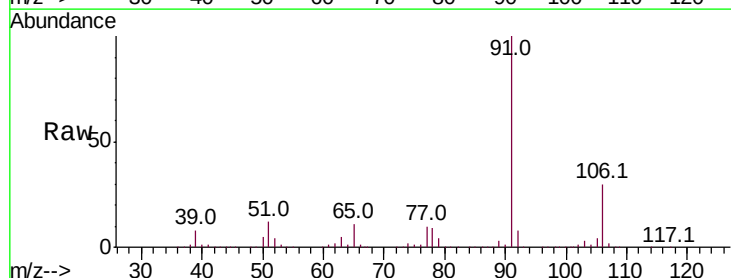
Manual Integrations
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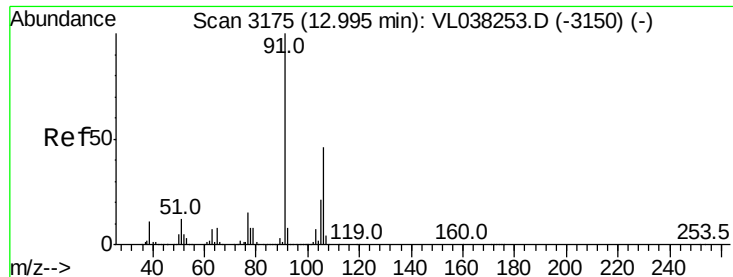
Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022



#58
 Ethyl Benzene
 Concen: 8.771 ppbv
 RT: 12.71 min Scan# 3086
 Delta R.T.: 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2796827
 Ion Ratio Lower Upper
 91 100
 106 30.1 25.0 37.4



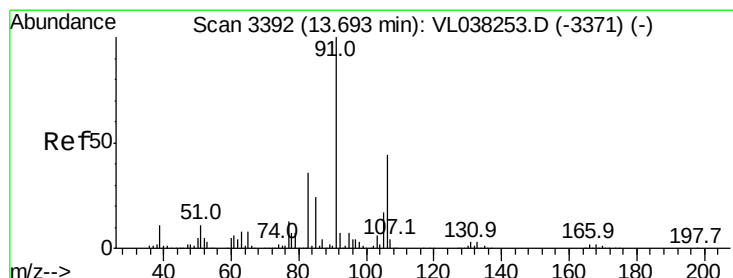
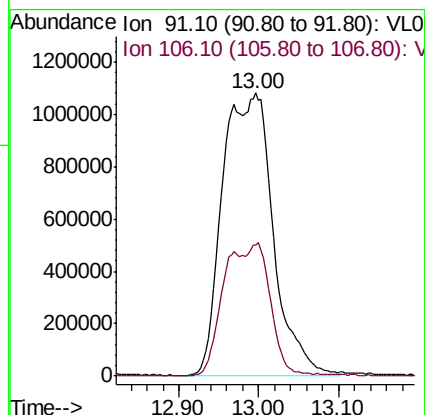
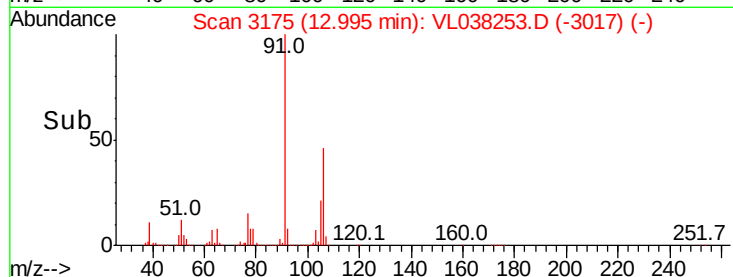
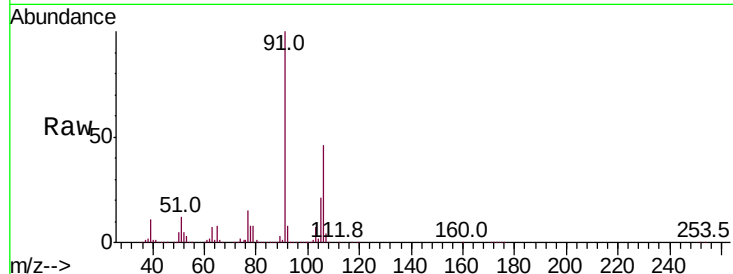


#59
m/p-Xylene
Concen: 17.188 ppbv m
RT: 13.00
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 24 Jan 2022 9:27
VSTDICCC010

Tot Ion:
Ion Ratio
91 100
106 43.

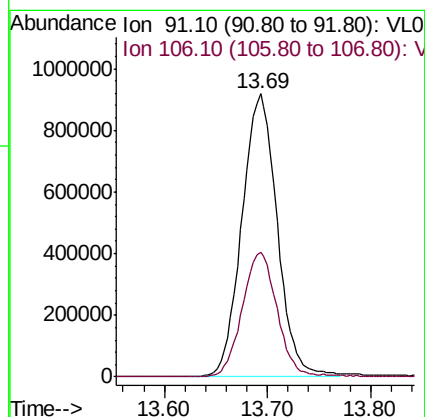
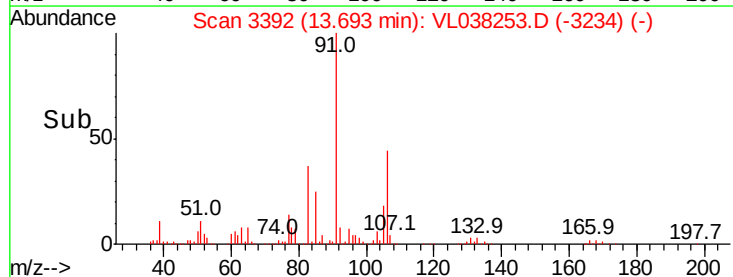
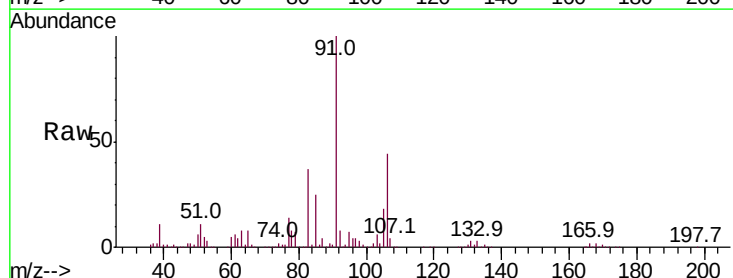
Manual Integrations
APPROVED

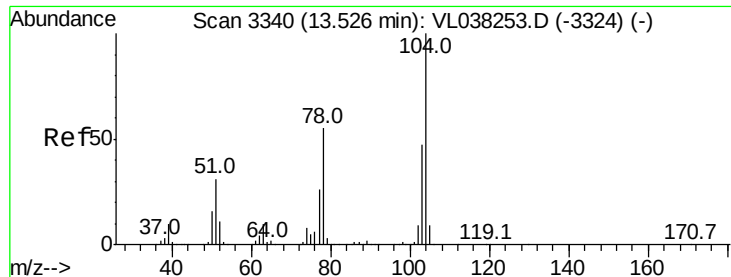
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#60
o-Xylene
Concen: 8.633 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.01 min
Lab File: VL038253.D
Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2181915
Ion Ratio Lower Upper
91 100
106 44.4 23.5 70.5





#61

Stvrene

Concen: 8.921 ppbv

RT: 13.53

Delta R.T.

Lab File:

Acq: 24 Jan 2022

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

9.27

Tot Ion:1

Ion Rati

104 100

78 55.

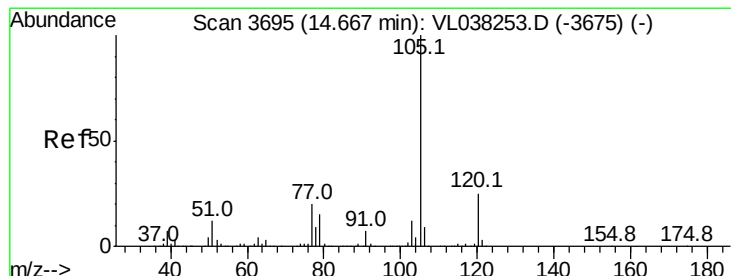
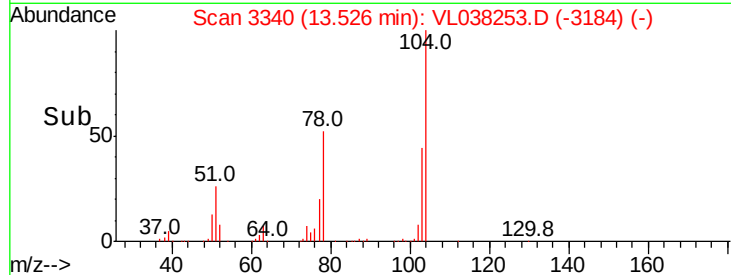
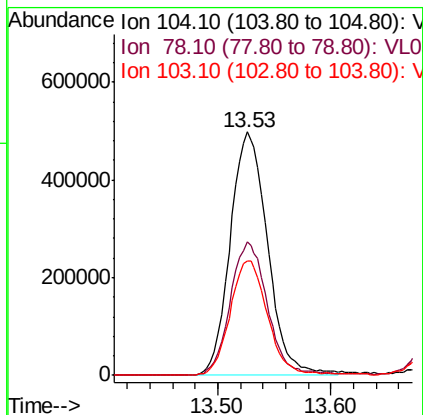
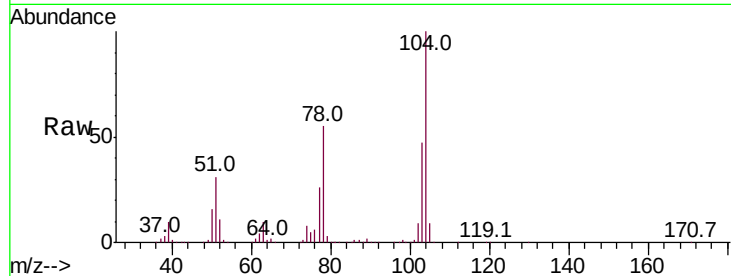
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#62

Isopropylbenzene

Concen: 8.128 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.01 min

Lab File: VL038253.D

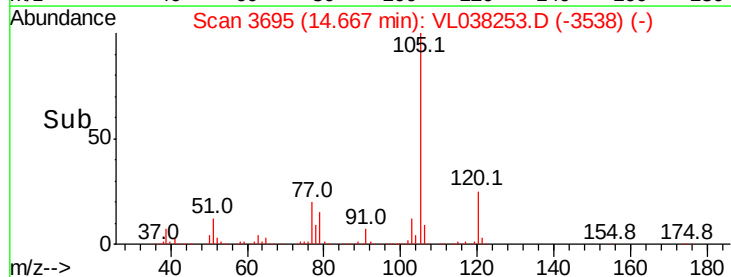
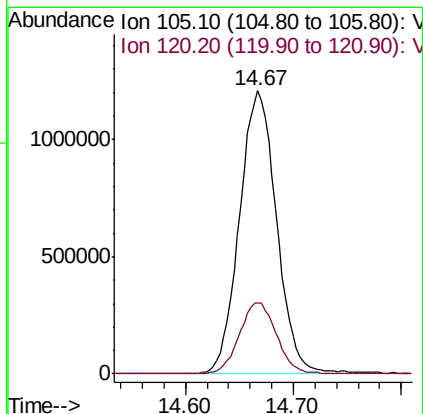
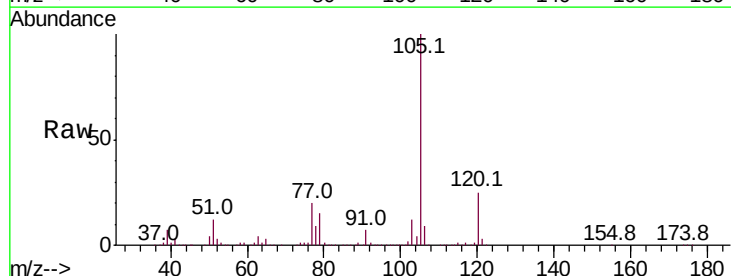
Acq: 24 Jan 2022 9:27

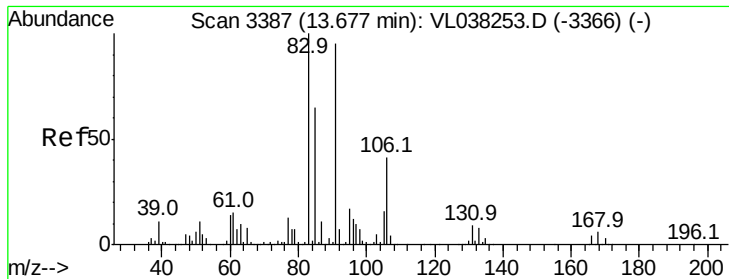
Tgt Ion:105 Resp: 2884088

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6





#63

1,1,2,2-Tetrachloroethane

Concen: 7.591 ppbv

RT: 13.68

Delta R.T.

Lab File:

Acq: 24 Jan 2022

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022

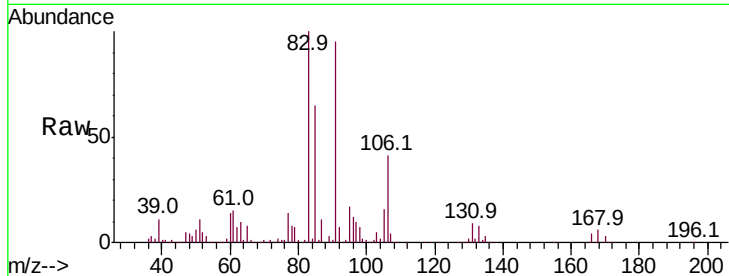
Tot Ion:

Ion Ratio

83 100

131 9.

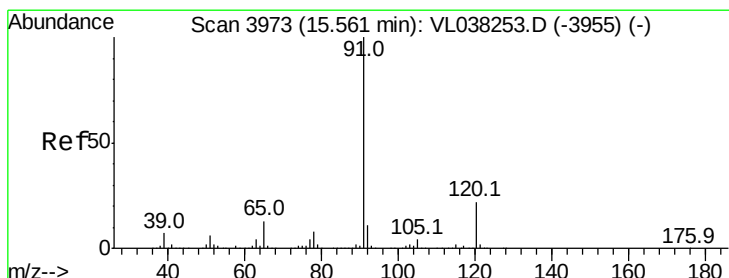
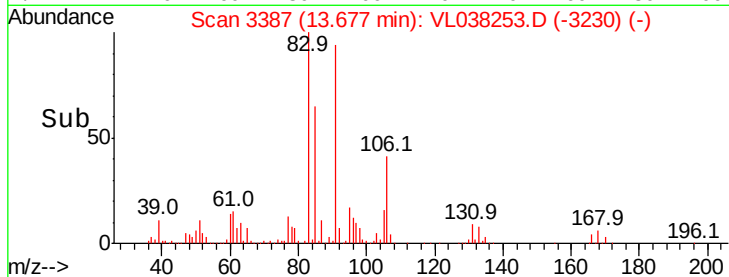
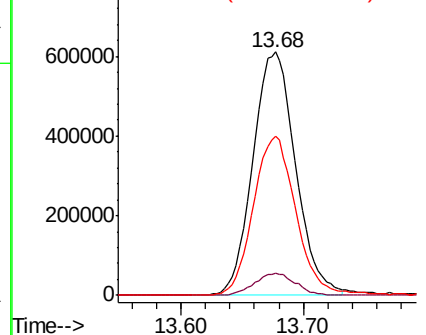
85 65.



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.181 ppbv

RT: 15.56 min Scan# 3973

Delta R.T. 0.01 min

Lab File: VL038253.D

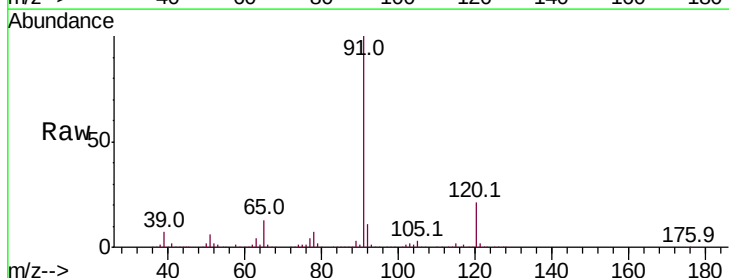
Acq: 24 Jan 2022 9:27

Tgt Ion:120 Resp: 721811

Ion Ratio Lower Upper

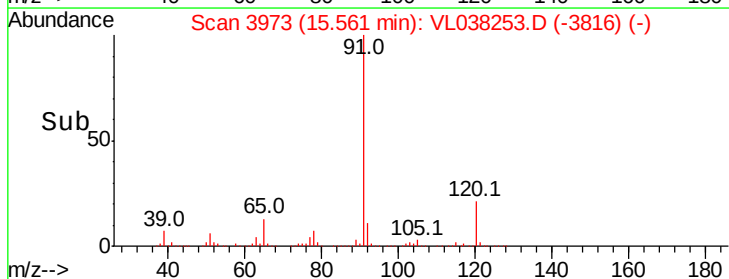
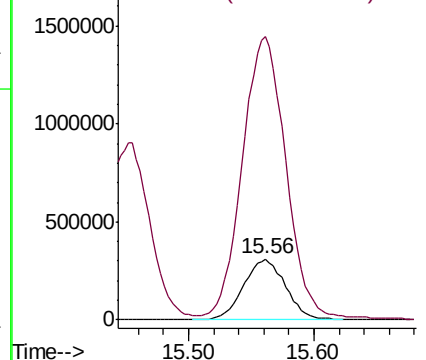
120 100

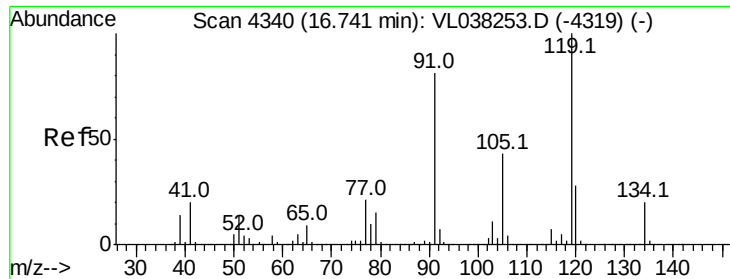
91 488.5 381.5 572.3



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



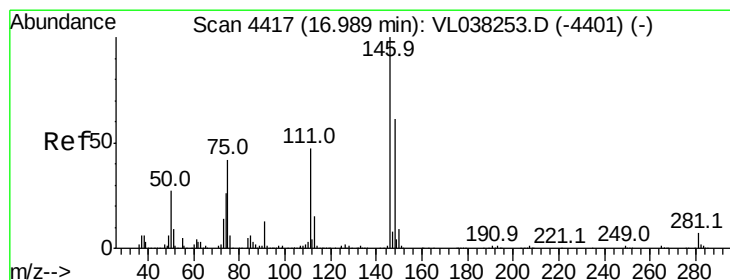
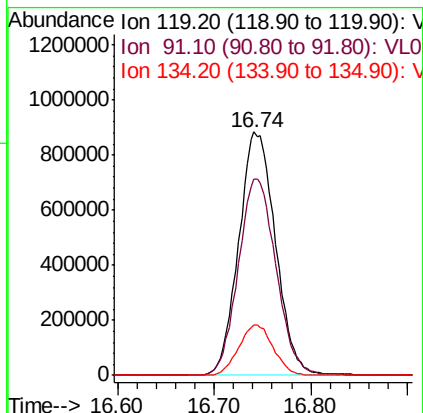
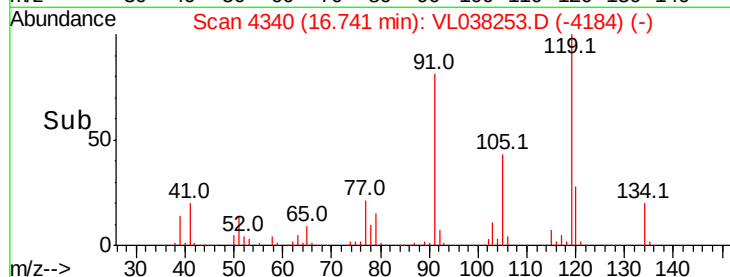
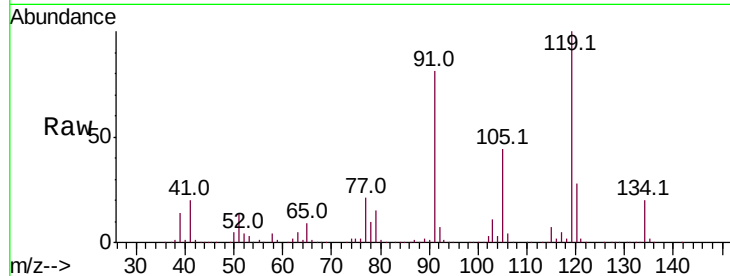


#65
 tert-Butylbenzene
 Concen: 7.465 ppbv
 RT: 16.74 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion: 1
 Ion Ratio
 119 100
 91 83.1
 134 19.9

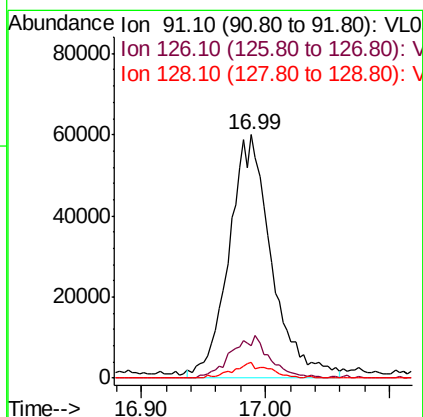
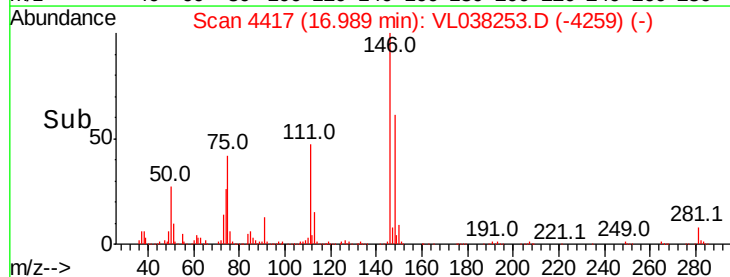
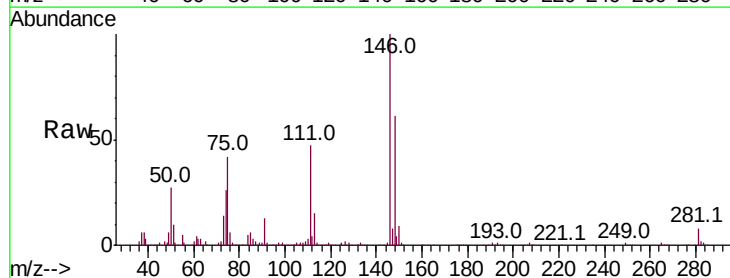
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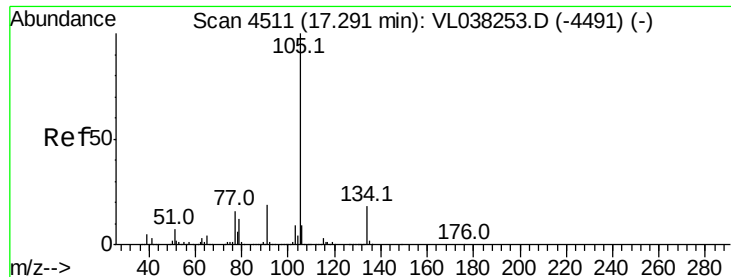
Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022



#66
 Benzyl Chloride
 Concen: 12.272 ppbv m
 RT: 16.99 min Scan# 4417
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 142865
 Ion Ratio Lower Upper
 91 100
 126 15.7 16.0 24.0#
 128 5.4 5.0 7.6





#67

sec-Butylbenzene

Concen: 7.566 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27

Tot Ion:1

Ion Rati

105 100

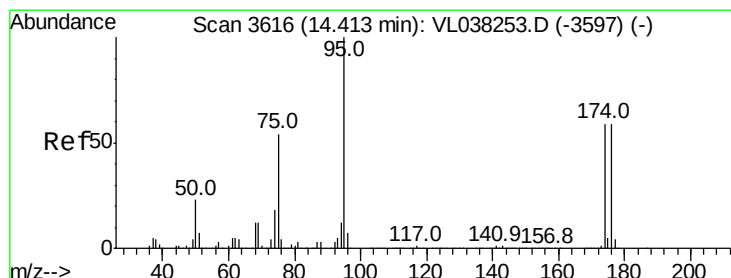
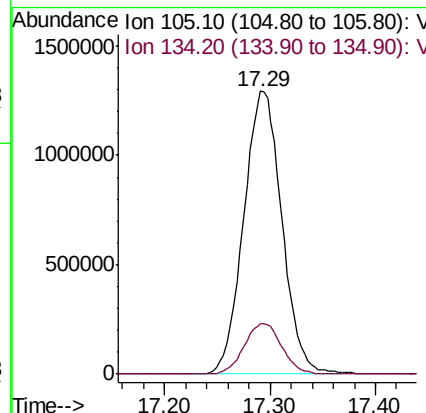
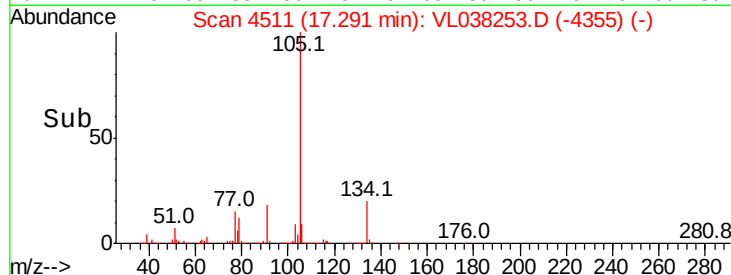
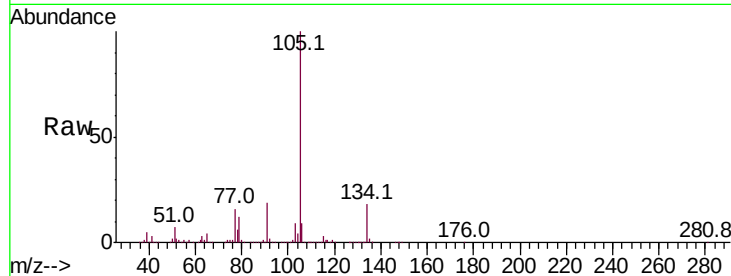
134 17.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.113 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

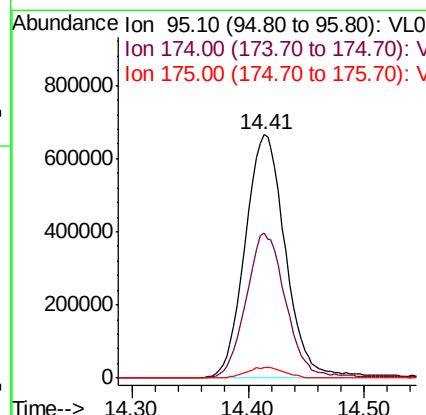
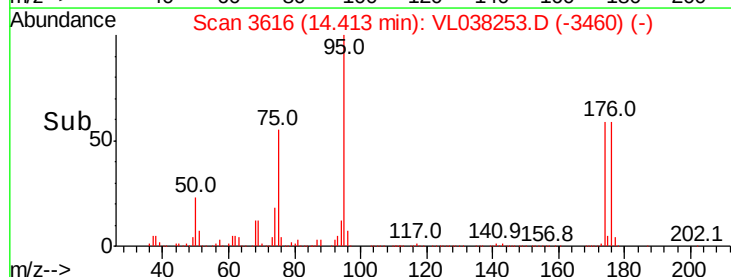
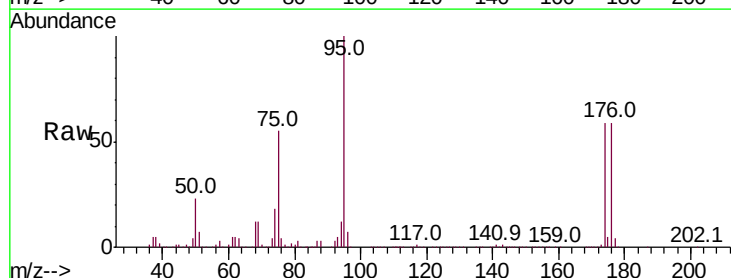
Tgt Ion: 95 Resp: 1601445

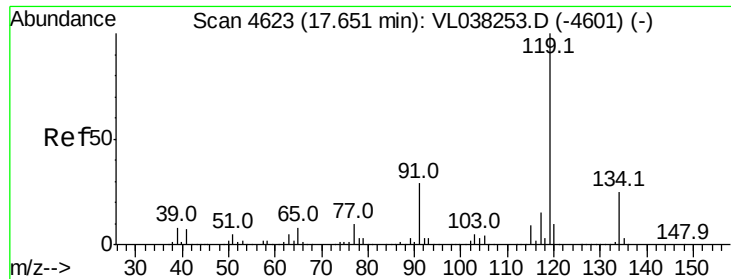
Ion Ratio Lower Upper

95 100

174 60.4 54.6 81.8

175 4.4 4.1 6.1



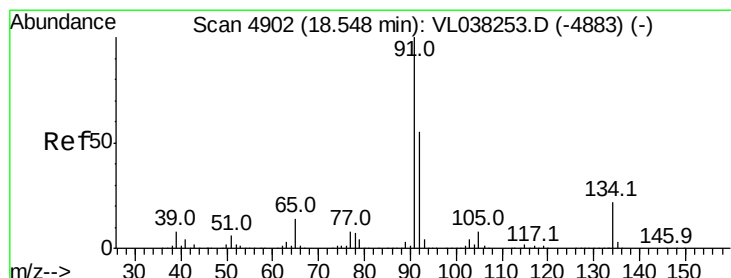
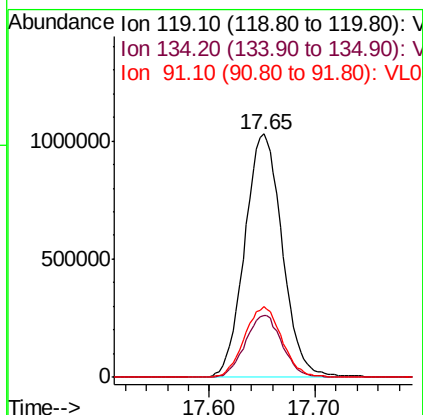
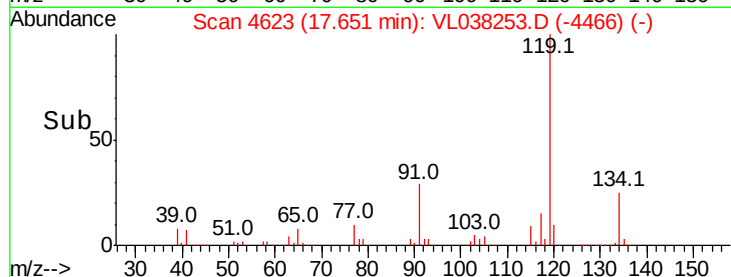
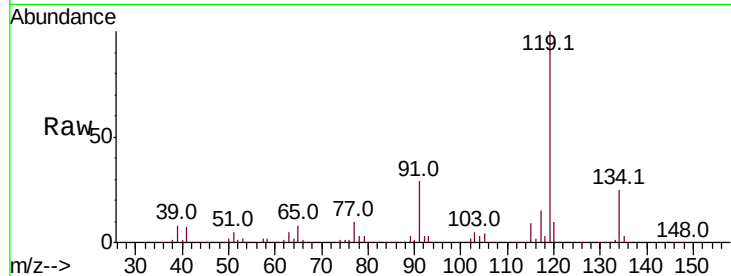


#69
 p-Isopropyltoluene
 Concen: 7.379 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 29.

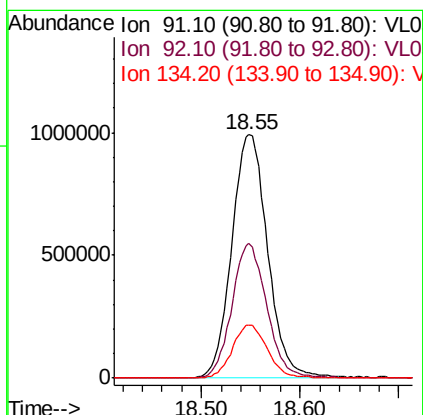
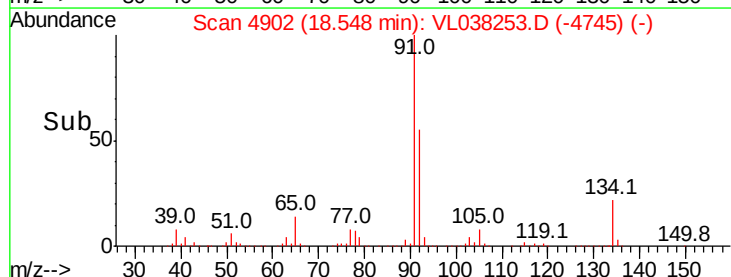
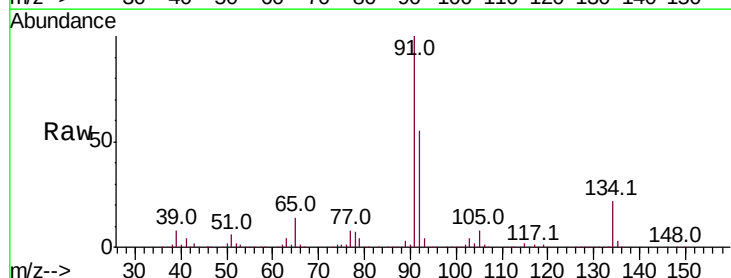
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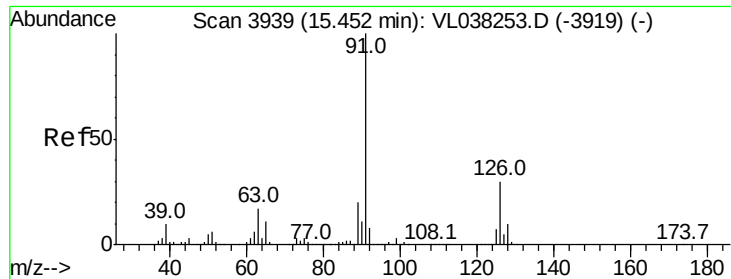
Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022



#70
 n-Butylbenzene
 Concen: 7.629 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion: 91 Resp: 2503813
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 21.6 18.5 27.7



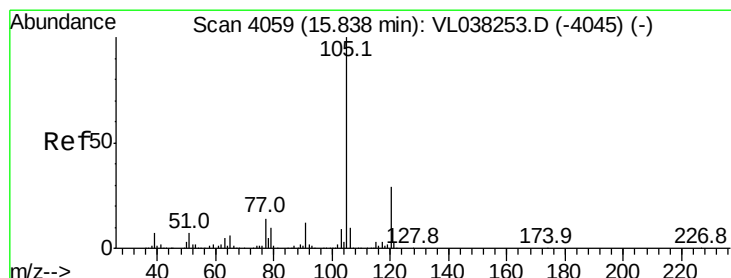
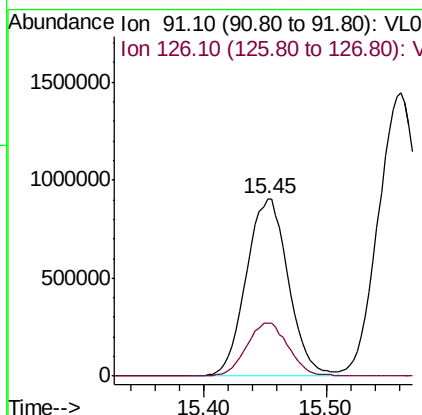
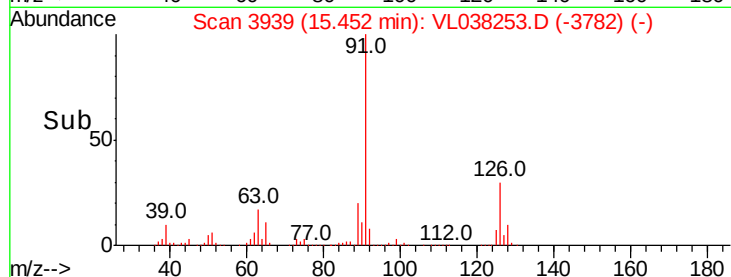
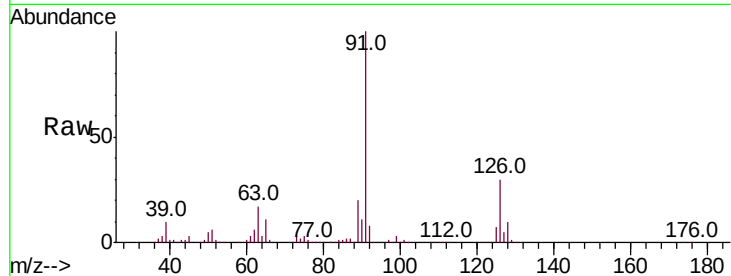


#71
 2-Chlorotoluene
 Concen: 8.190 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:
 Ion Ratio
 91 100
 126 30.

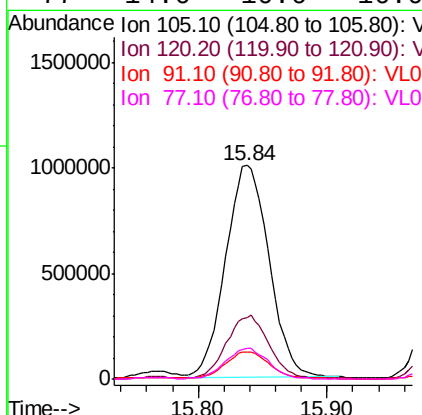
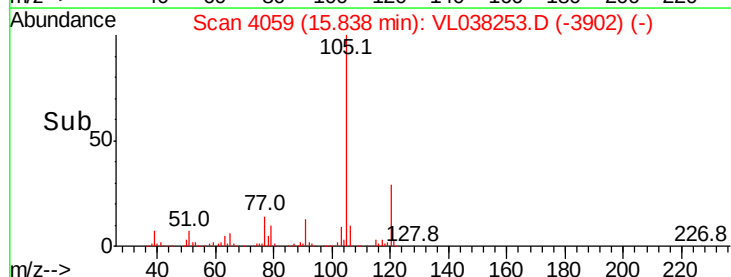
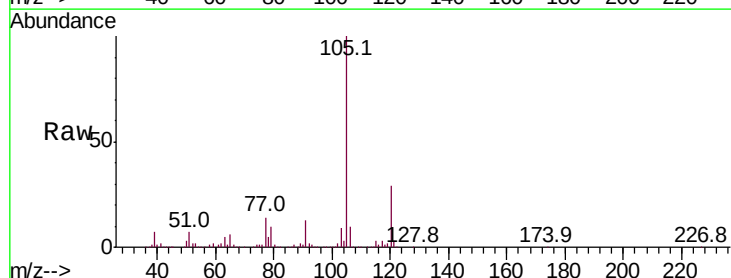
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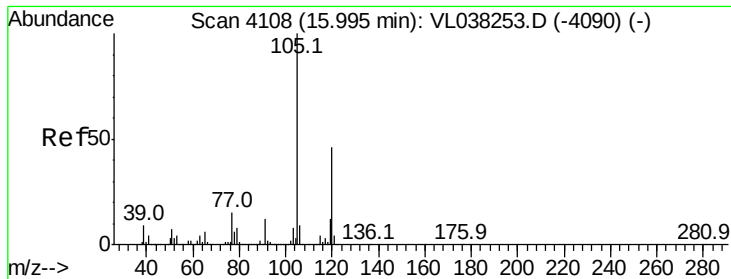
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#72
 4-Ethyltoluene
 Concen: 8.094 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:105 Resp: 2355899
 Ion Ratio Lower Upper
 105 100
 120 29.8 24.3 36.5
 91 12.8 9.8 14.6
 77 14.6 10.6 16.0



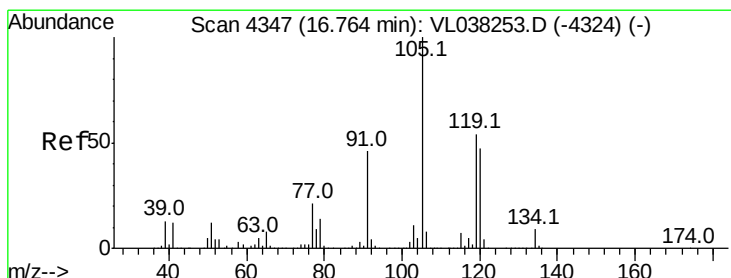
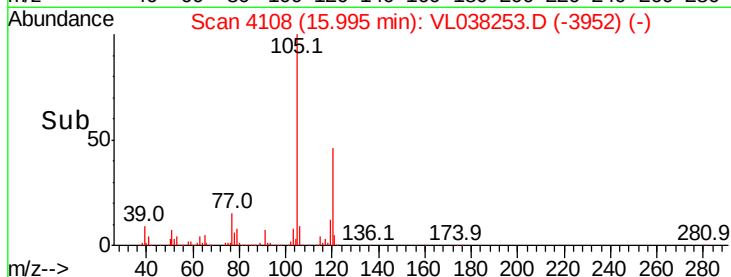
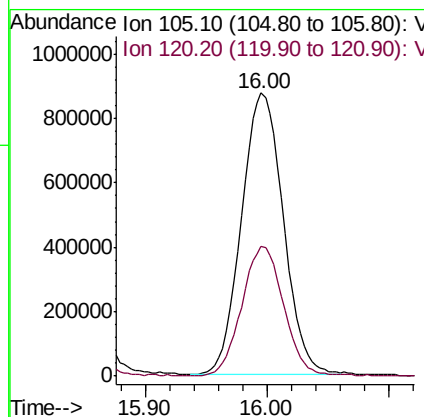
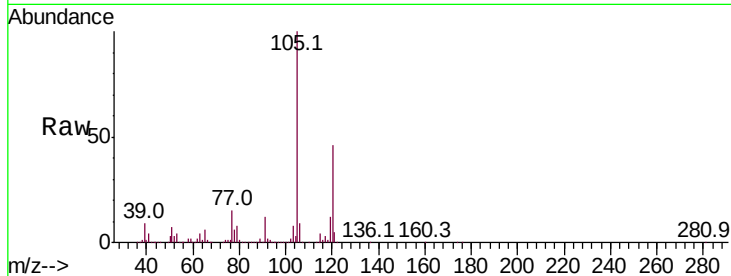


#73
 1,3,5-Trimethylbenzene
 Concen: 7.951 ppbv
 RT: 16.00
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 9:27

Tot Ion:1
 Ion Rati
 105 100
 120 45.

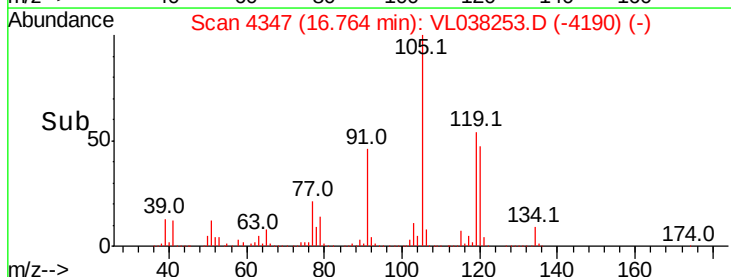
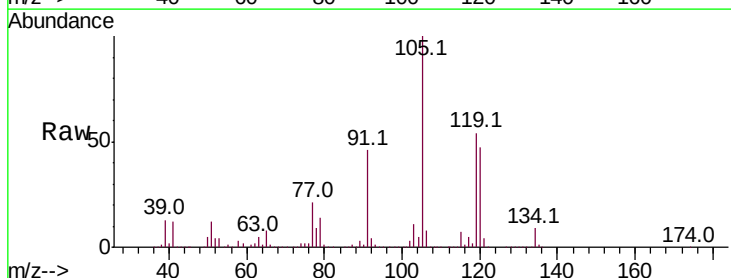
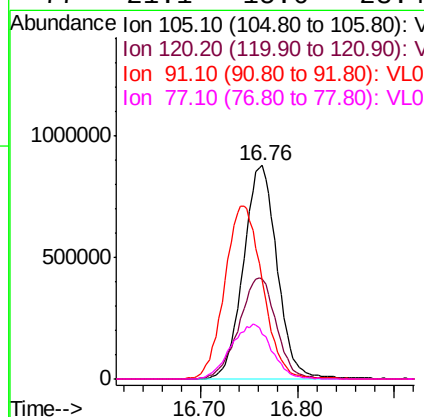
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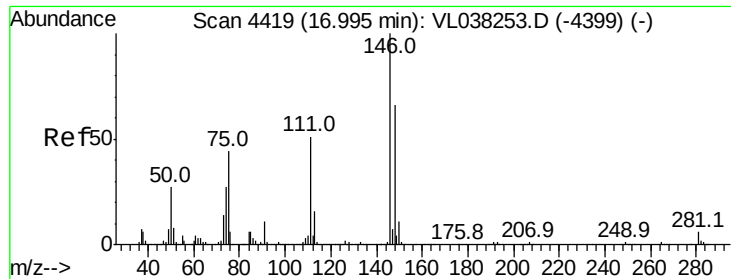
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 7.736 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:105 Resp: 2116414
 Ion Ratio Lower Upper
 105 100
 120 46.5 39.4 59.2
 91 45.8 35.0 52.4
 77 21.1 15.6 23.4



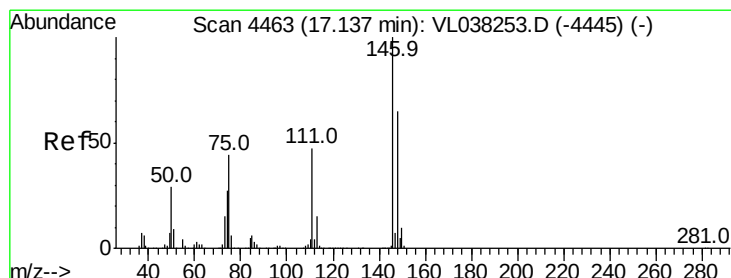
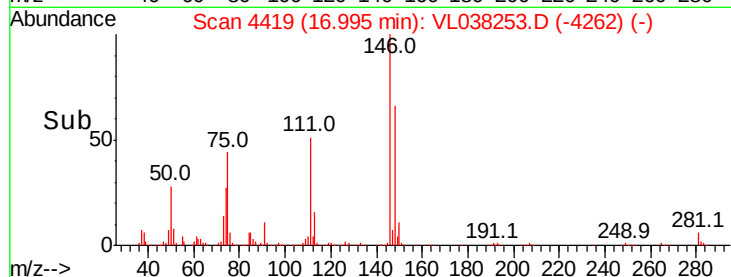
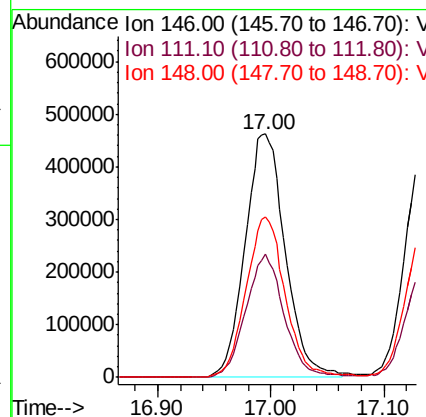
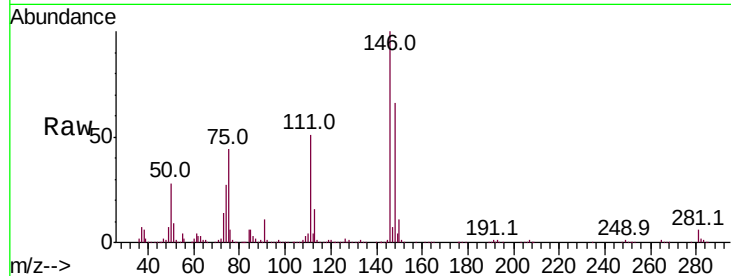


#75
 1,3-Dichlorobenzene
 Concen: 7.708 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VSTDICCC010
 Acq: 24 Jan 2022 9:27

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

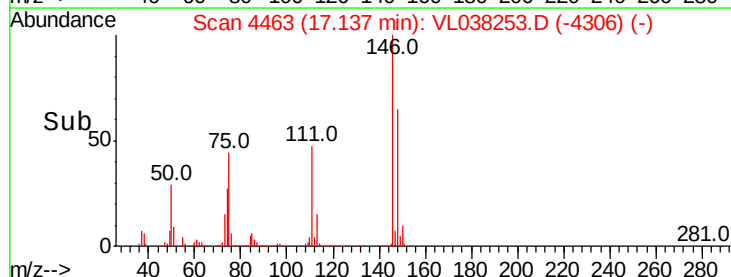
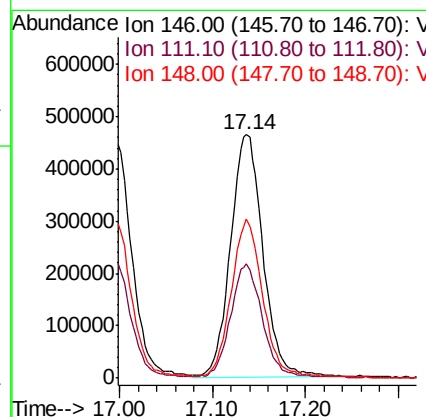
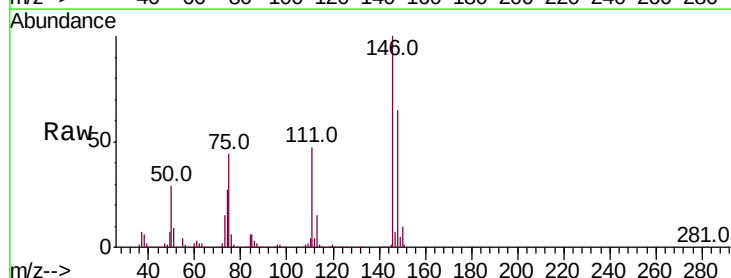
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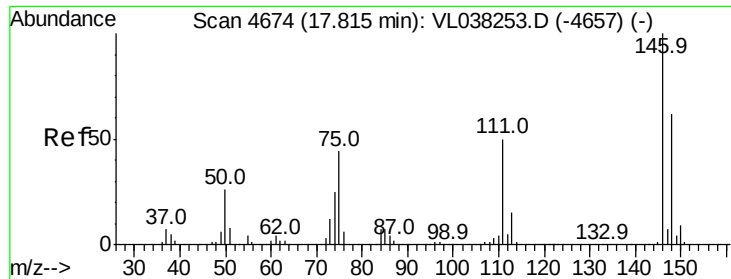
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#76
 1,4-Dichlorobenzene
 Concen: 7.613 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:146 Resp: 1116182
 Ion Ratio Lower Upper
 146 100
 111 46.4 23.6 71.0
 148 64.7 33.1 99.5



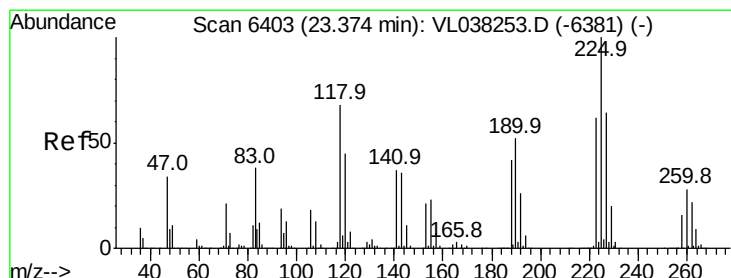
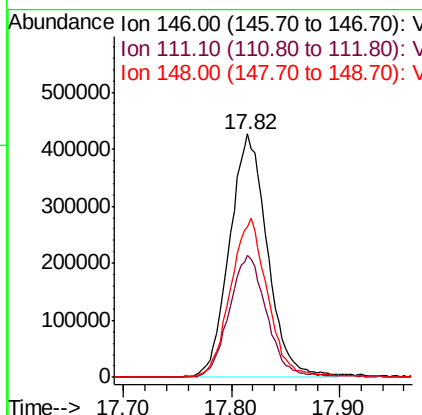
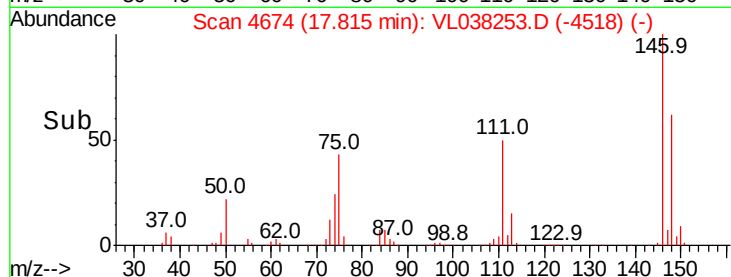
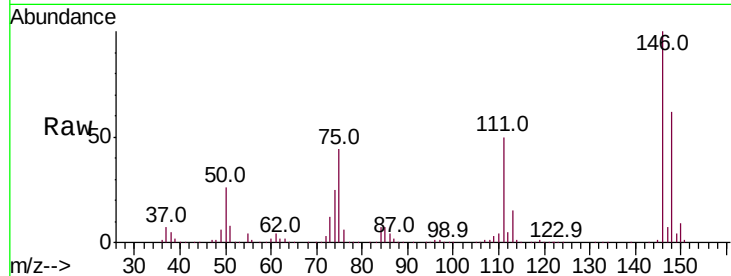


#77
 1,2-Dichlorobenzene
 Concen: 7.287 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9:27

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 65.

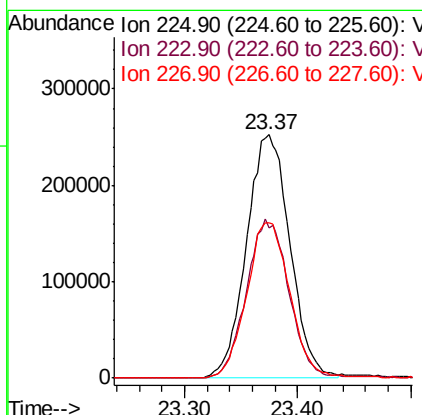
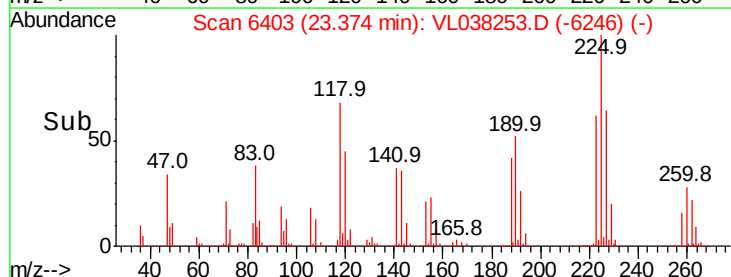
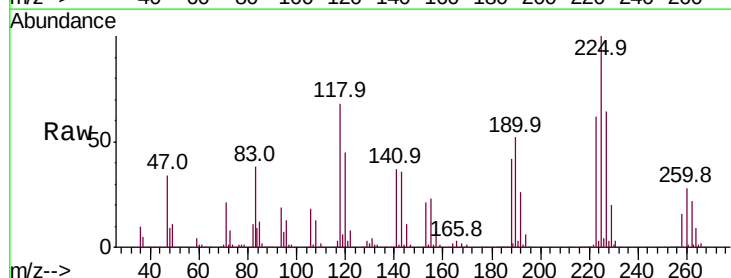
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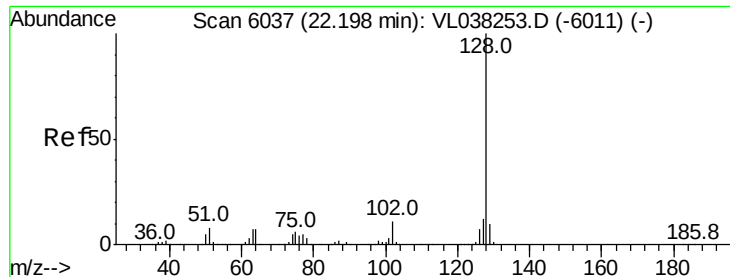
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.719 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.01 min
 Lab File: VL038253.D
 Acq: 24 Jan 2022 9:27

Tgt Ion:225 Resp: 673894
 Ion Ratio Lower Upper
 225 100
 223 64.6 51.5 77.3
 227 64.2 51.9 77.9





#79

Naphthalene

Concen: 9.096 ppbv

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 9:27

Tot Ion:1

Ion Ratio

128 100

127 12.

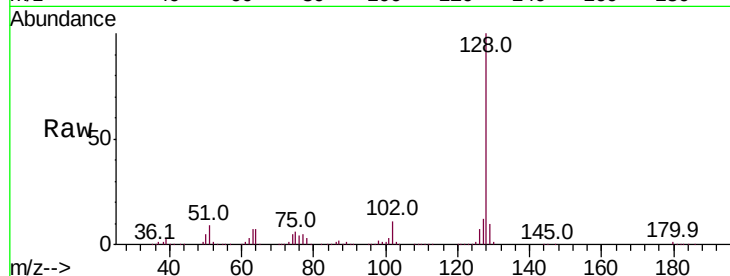
129 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

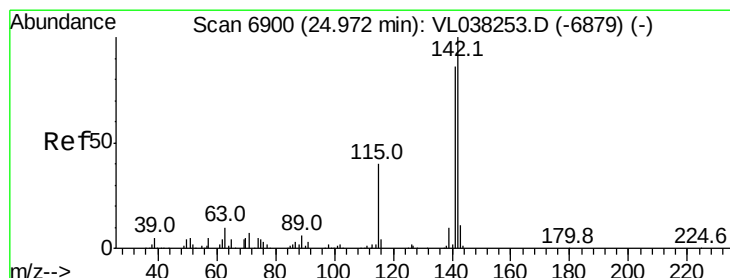
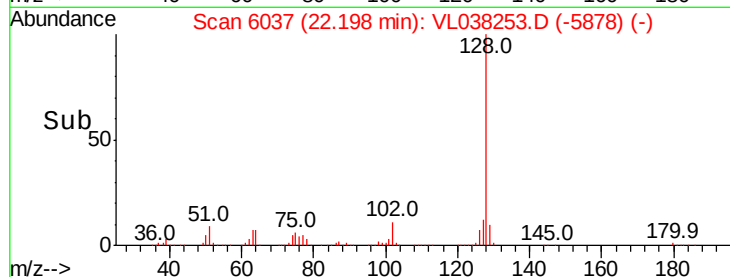
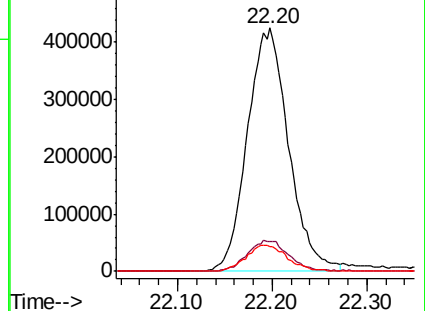
Supervised By :Mahesh Dadoda 01/26/2022



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: 7.289 ppbv

RT: 24.97 min Scan# 6900

Delta R.T. 0.01 min

Lab File: VL038253.D

Acq: 24 Jan 2022 9:27

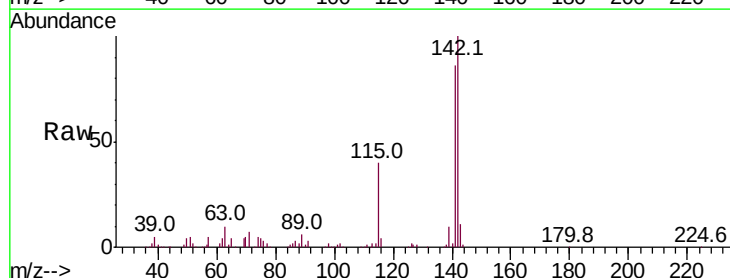
Tgt Ion:142 Resp: 204371

Ion Ratio Lower Upper

142 100

141 87.8 66.7 100.1

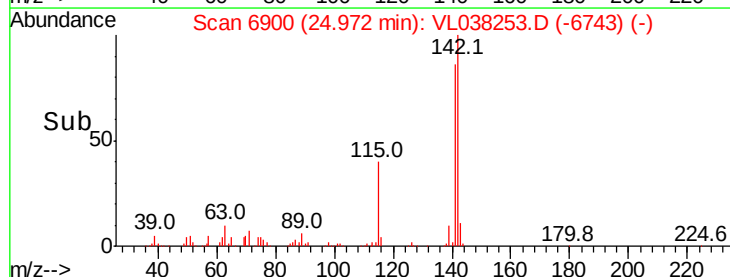
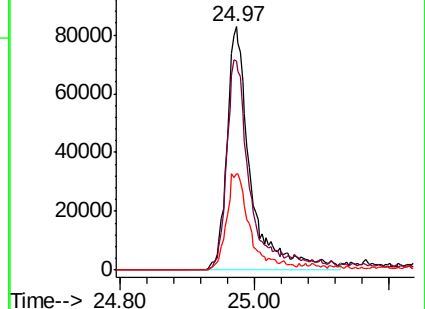
115 39.7 29.4 44.0

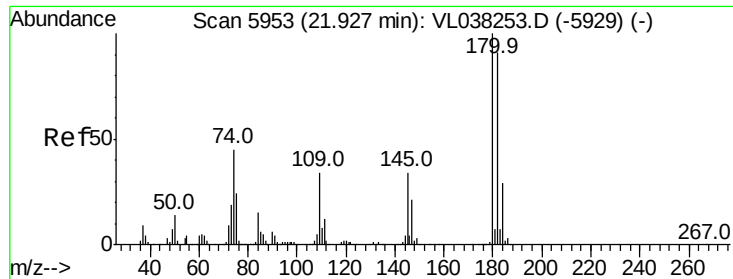


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.417 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 24 Jan 2022 9.27

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

