

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038286.D
 Acq On : 26 Jan 2022 12:54
 Operator : SY/AP
 Sample : VL0126ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0126ABS01

Manual Integrations
 APPROVED

Quant Time: Jan 27 03:27:46 2022

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

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

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

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	844125	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2229401	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2033244m	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1610340	10.43	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1793994	9.984	ppbv 99
3) Chlorodifluoromethane	2.98	51	1525200	9.076	ppbv 99
4) Chloromethane	3.13	50	509263	8.809	ppbv 100
5) Vinyl Chloride	3.25	62	525834	9.113	ppbv 95
6) Bromomethane	3.47	94	297689	9.543	ppbv 99
7) Chloroethane	3.55	64	184278	9.455	ppbv 97
8) Dichlorotetrafluoroethane	3.18	85	1299684	9.347	ppbv 98
9) Propene	3.01	41	502745	9.190	ppbv 98
10) Heptane	8.10	43	1304960	9.272	ppbv 99
11) Trichlorofluoromethane	3.94	101	1276188	9.116	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	950559	8.983	ppbv 98
13) Ethanol	3.59	45	50566	8.611	ppbv 91
14) Bromoethene	3.73	108	377365	9.126	ppbv 97
15) Acetone	3.83	43	635188	8.536	ppbv 99
16) 1,3-Butadiene	3.32	39	503027	9.420	ppbv 98
17) tert-Butyl alcohol	4.27	59	684570	8.382	ppbv 99
18) 1,1-Dichloroethene	4.28	96	423135	9.195	ppbv 96
19) Isopropyl Alcohol	3.95	45	391671	8.414	ppbv 99
20) Methylene Chloride	4.33	84	347761	8.035	ppbv 96
21) Allyl Chloride	4.40	41	625793	9.505	ppbv 98
22) trans-1,2-Dichloroethene	4.87	96	447326	9.408	ppbv 100
23) Vinyl Acetate	5.05	43	968919	8.956	ppbv 99
24) 1,1-Dichloroethane	5.00	63	886096	9.193	ppbv 99
25) Ethyl Acetate	5.66	43	2023251	9.711	ppbv 100
26) Hexane	5.67	57	922876	9.524	ppbv 99
27) Carbon Disulfide	4.54	76	1075679	9.488	ppbv 100
28) Methyl tert-Butyl Ether	5.01	73	935111	9.302	ppbv 100
29) Chloroform	5.73	83	1502724	9.500	ppbv 99
30) Cyclohexane	7.11	84	795567	9.429	ppbv 100
31) cis-1,2-Dichloroethene	5.53	61	924837	10.941	ppbv 97
32) 1,1,1-Trichloroethane	6.49	97	1490944	9.437	ppbv 99
34) 2-Butanone	5.22	43	672067	9.218	ppbv 99
35) Carbon Tetrachloride	7.00	117	1550372	9.907	ppbv 100
36) Benzene	6.87	78	1967057	9.975	ppbv 99
37) 1,2-Dichloroethane	6.29	62	1145477	10.141	ppbv 99
38) Trichloroethene	7.81	130	693071	9.435	ppbv 96
39) 1,2-Dichloropropane	7.59	63	776944	9.718	ppbv 98
40) 1,4-Dioxane	7.81	88	189989	9.873	ppbv 78
41) Tetrahydrofuran	6.03	42	493060	10.060	ppbv 99
42) Bromodichloromethane	7.77	83	1671860	9.977	ppbv 99
43) Methyl Methacrylate	7.99	69	736211	10.555	ppbv 98

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Instrument :
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 ClientSampleId :
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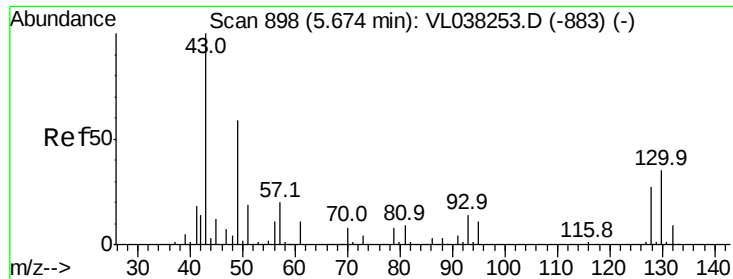
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 03:27:46 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.84	57	3304161	9.508	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	655444	11.566	ppbv	98
46) cis-1,3-Dichloropropene	8.68	75	810207	10.715	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	786136	10.007	ppbv	99
48) Dibromochloromethane	10.27	129	1365127	10.322	ppbv	100
49) Bromoform	13.01	173	1044313	10.953	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	1335277	10.267	ppbv	99
51) 2-Hexanone	10.11	43	584674	10.207	ppbv #	98
52) Tetrachloroethene	11.20	164	638918	9.401	ppbv	99
53) Toluene	9.78	91	2220787	10.174	ppbv	100
54) 1,2-Dibromoethane	10.58	107	1164757	10.429	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.10	131	881981	9.911	ppbv	98
57) Chlorobenzene	12.12	112	1591253	9.780	ppbv	100
58) Ethyl Benzene	12.68	91	2976078	9.959	ppbv	98
59) m/p-Xylene	12.97	91	5027020m	19.718	ppbv	
60) o-Xylene	13.66	91	2366027	9.978	ppbv	99
61) Styrene	13.50	104	1248158	11.279	ppbv	99
62) Isopropylbenzene	14.64	105	3150832	9.968	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.64	83	1710458	9.749	ppbv	100
64) n-propylbenzene	15.53	120	806743	10.609	ppbv	98
65) tert-Butylbenzene	16.72	119	2661749	10.224	ppbv	100
66) Benzyl Chloride	16.96	91	152415	12.887	ppbv	98
67) sec-Butylbenzene	17.27	105	3731768	10.304	ppbv	99
69) p-Isopropyltoluene	17.62	119	2994230	10.803	ppbv	99
70) n-Butylbenzene	18.52	91	3038320	11.192	ppbv	99
71) 2-Chlorotoluene	15.42	91	2460965	10.511	ppbv	99
72) 4-Ethyltoluene	15.81	105	2684096	10.824	ppbv	100
73) 1,3,5-Trimethylbenzene	15.97	105	2383392	10.688	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	2454599	10.448	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	1359622	10.785	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1322022	10.832	ppbv	98
77) 1,2-Dichlorobenzene	17.79	146	1254401	10.713	ppbv	99
78) Hexachloro-1,3-Butadiene	23.34	225	664311	8.160	ppbv	99
79) Naphthalene	22.16	128	1145471m	10.429	ppbv	
80) Naphthalene, 2-methyl-	24.95	142	212779	17.813	ppbv	97
81) 1,2,4-Trichlorobenzene	21.89	180	629444m	9.743	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54 VL0126ABS01

Tot Ion:

Ion Ratio

49 100

128 48.

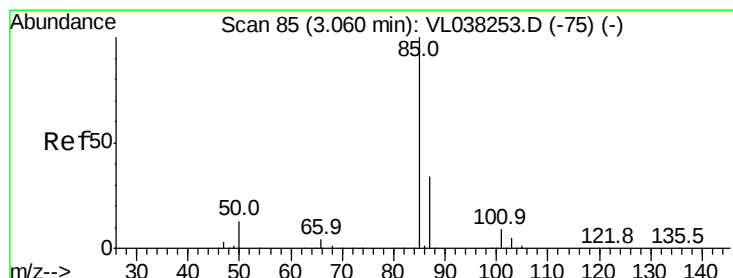
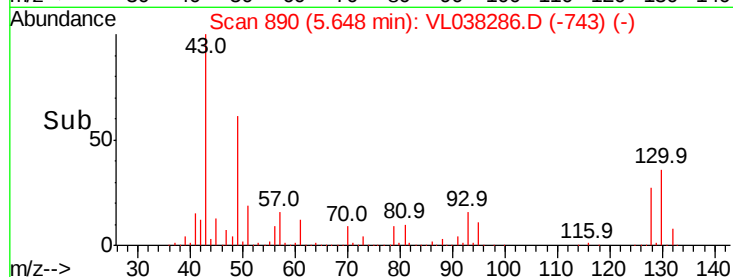
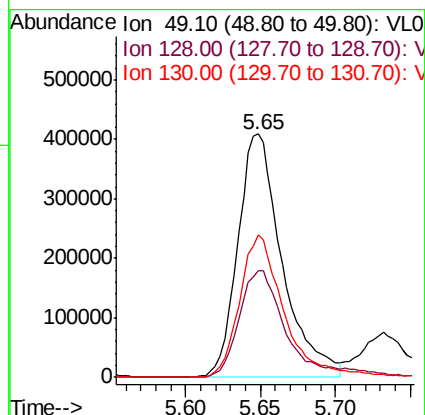
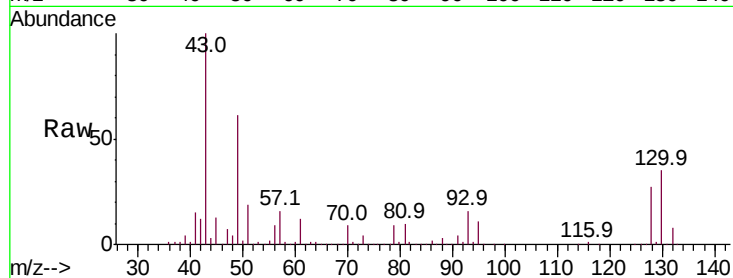
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#2

Dichlorodifluoromethane

Concen: 9.984 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL038286.D

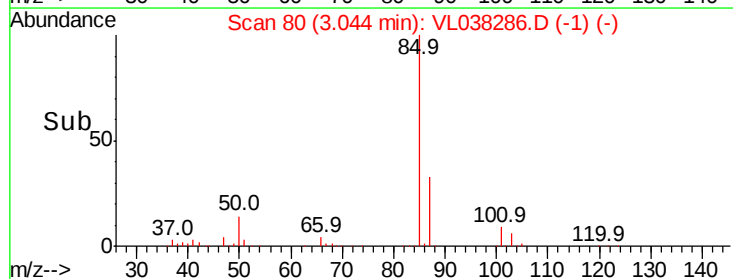
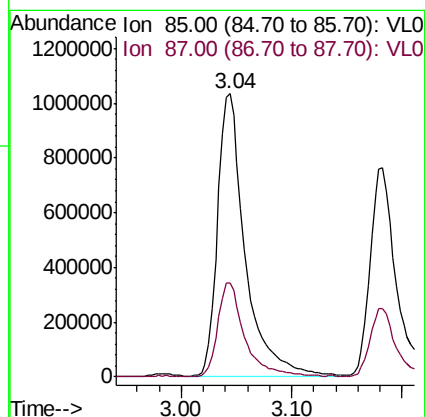
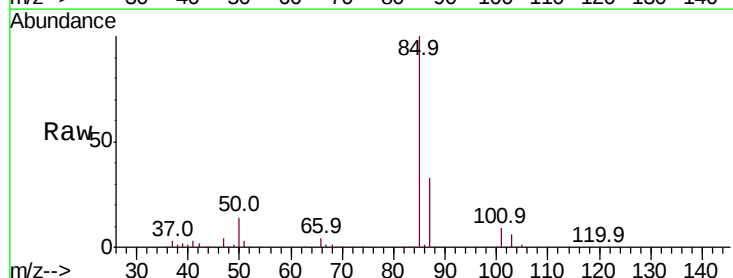
Acq: 26 Jan 2022 12:54

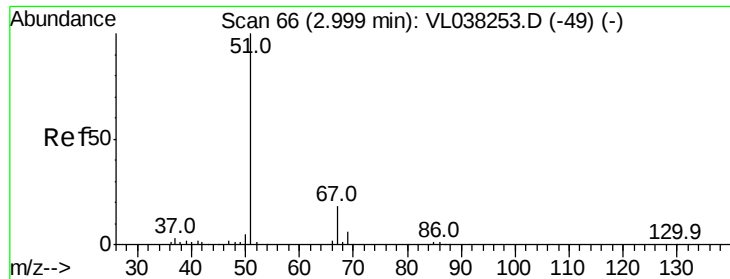
Tgt Ion: 85 Resp: 1793994

Ion Ratio Lower Upper

85 100

87 33.3 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.076 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL0126ABS01

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

51 100

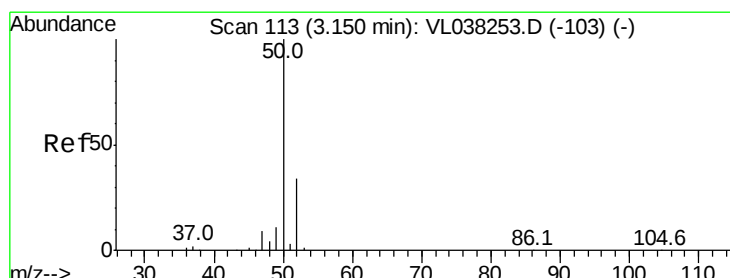
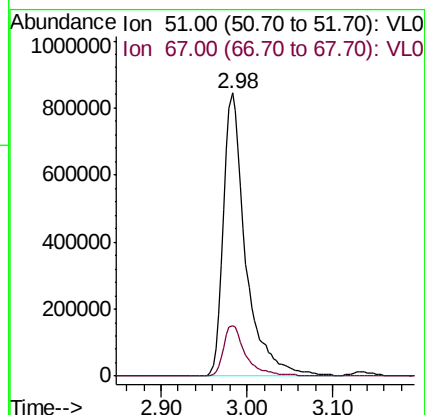
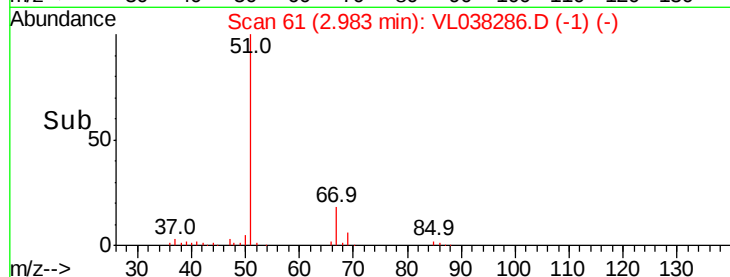
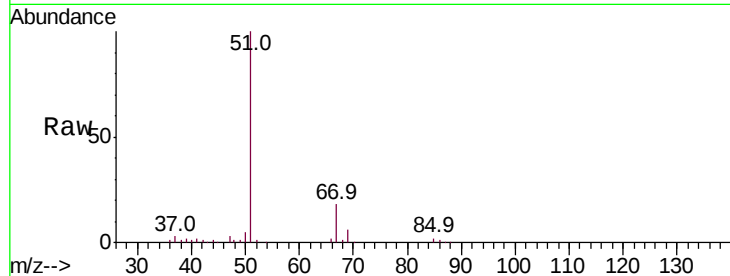
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#4

Chloromethane

Concen: 8.809 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL038286.D

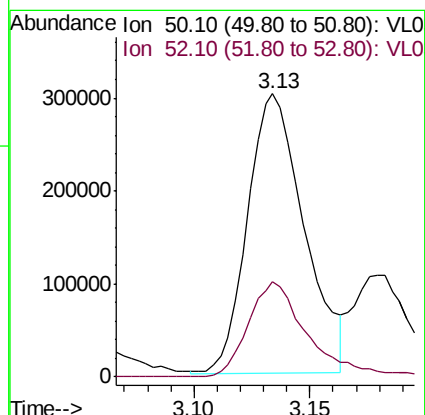
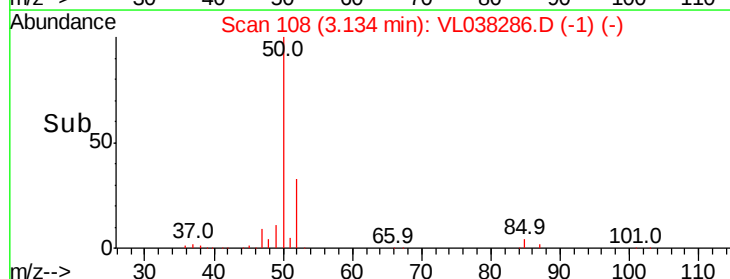
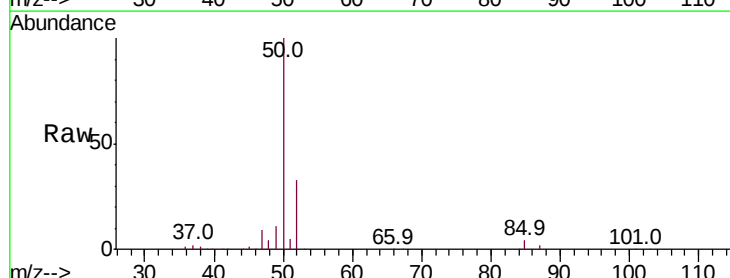
Acq: 26 Jan 2022 12:54

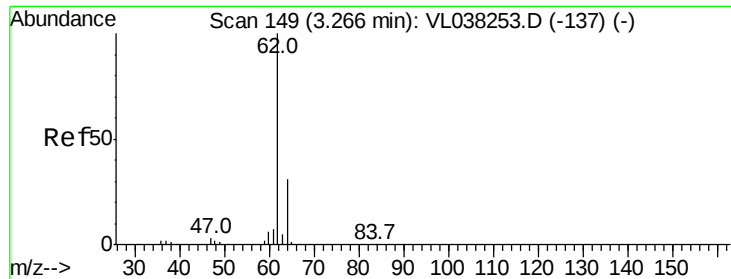
Tgt Ion: 50 Resp: 509263

Ion Ratio Lower Upper

50 100

52 34.0 27.1 40.7





#5

Vinyl Chloride

Concen: 9.113 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54 VL0126ABS01

Tot Ion:

Ion Ratio

62 100

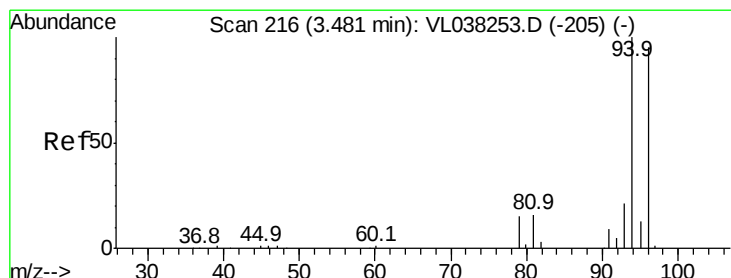
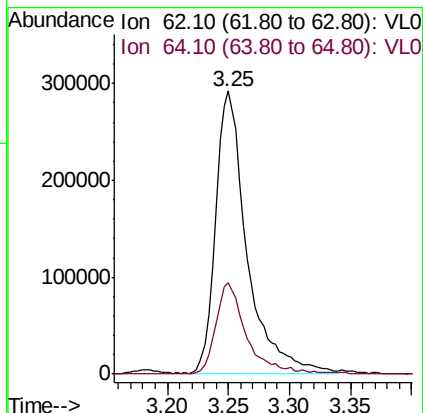
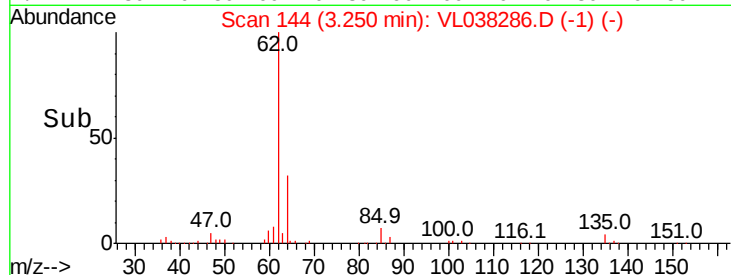
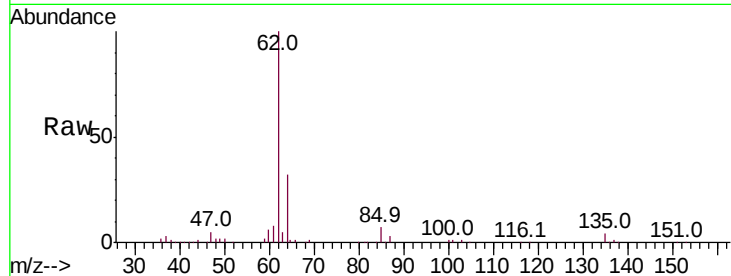
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#6

Bromomethane

Concen: 9.543 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL038286.D

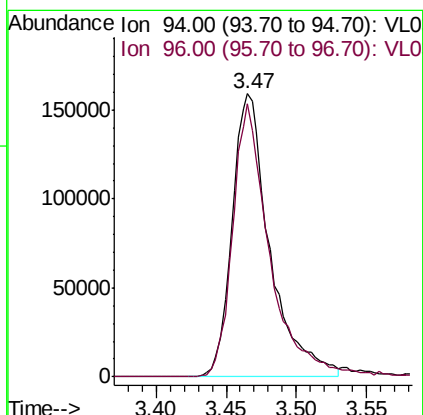
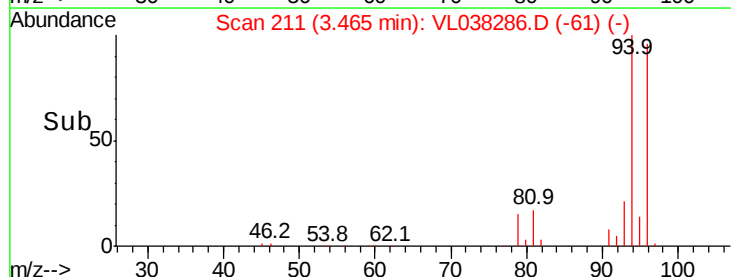
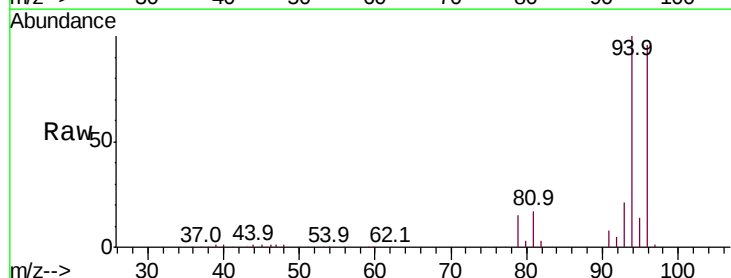
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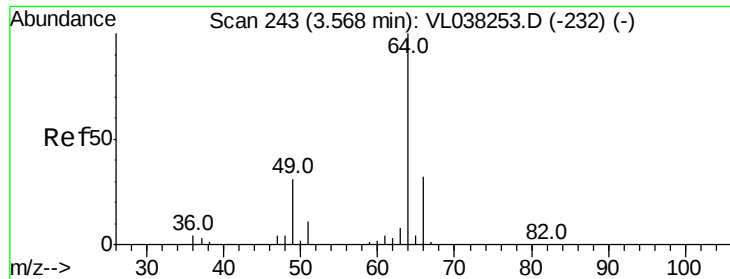
Tgt Ion: 94 Resp: 297689

Ion Ratio Lower Upper

94 100

96 96.3 76.0 114.0





#7

Chloroethane

Concen: 9.455 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

64 100

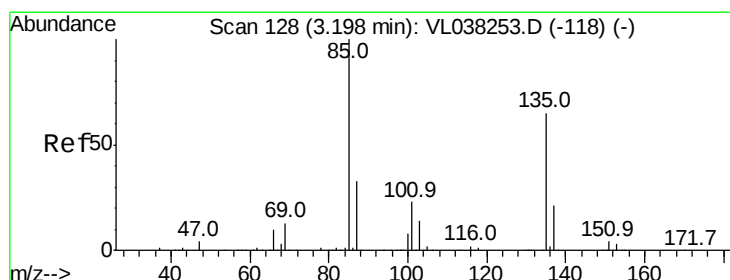
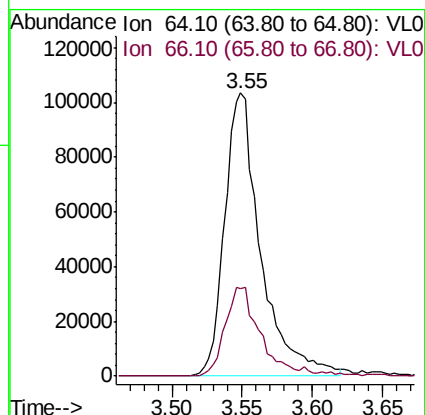
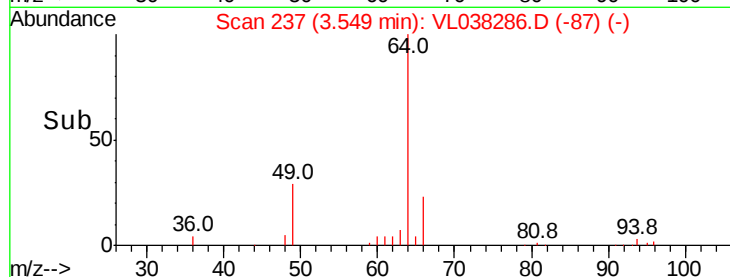
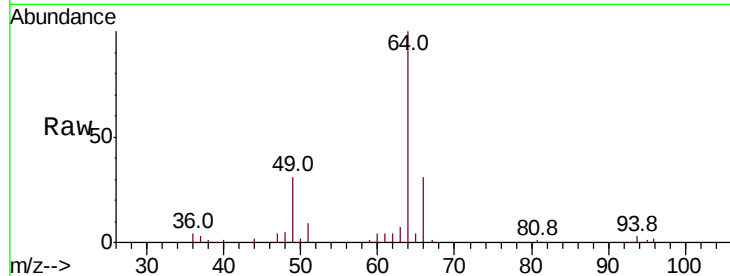
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#8

Dichlorotetrafluoroethane

Concen: 9.347 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.02 min

Lab File: VL038286.D

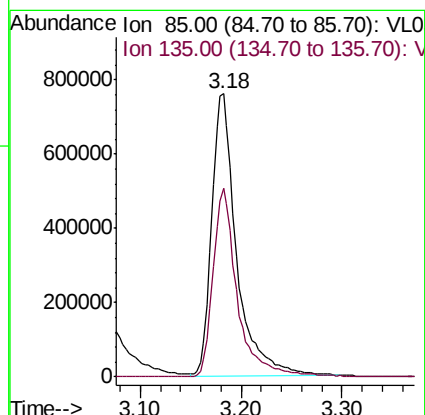
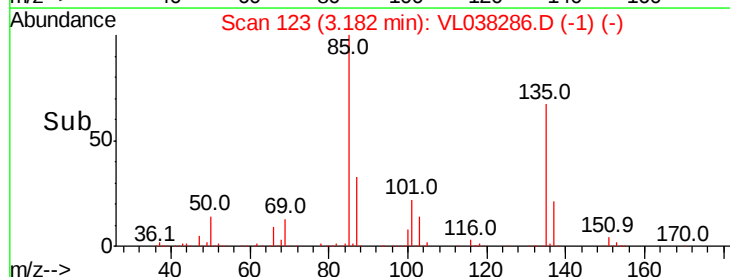
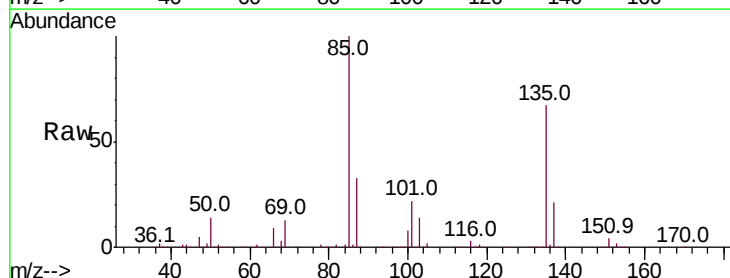
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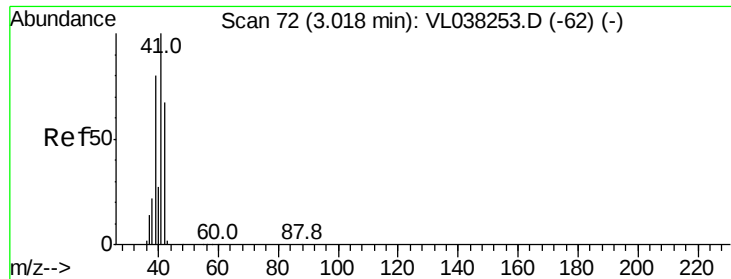
Tgt Ion: 85 Resp: 1299684

Ion Ratio Lower Upper

85 100

135 65.8 53.7 80.5



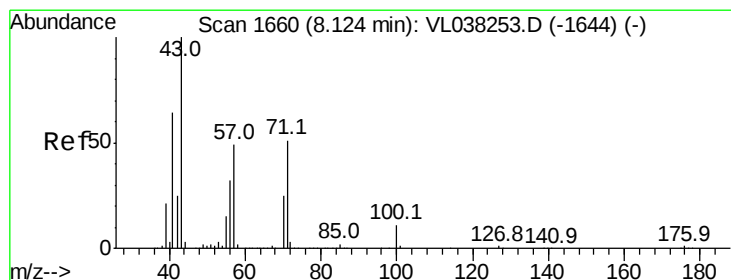
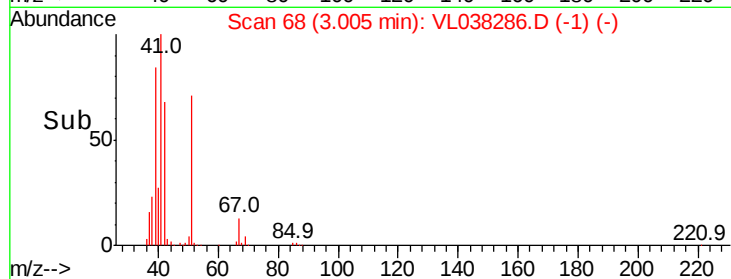
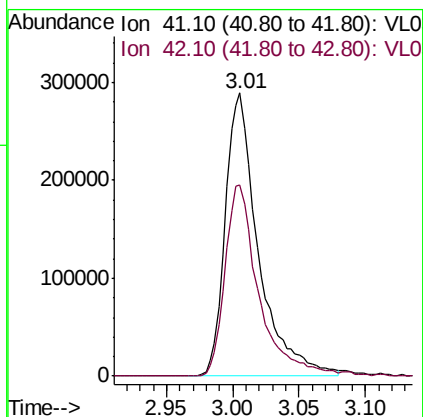
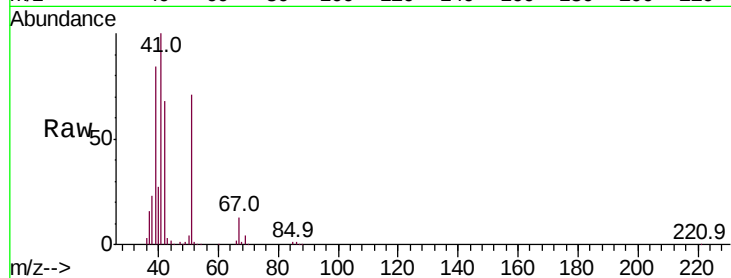


#9
 Propene
 Concen: 9.190 ppbv
 RT: 3.01 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:
 Ion Ratio
 41 100
 42 69.

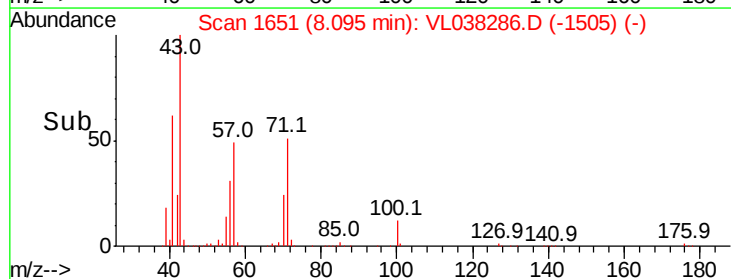
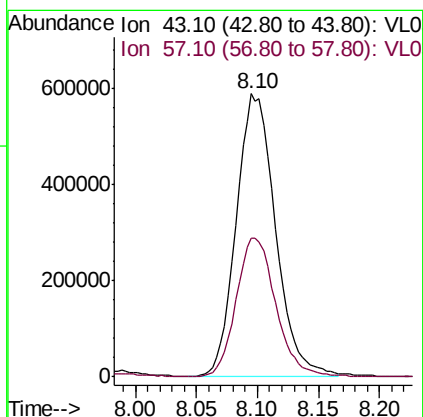
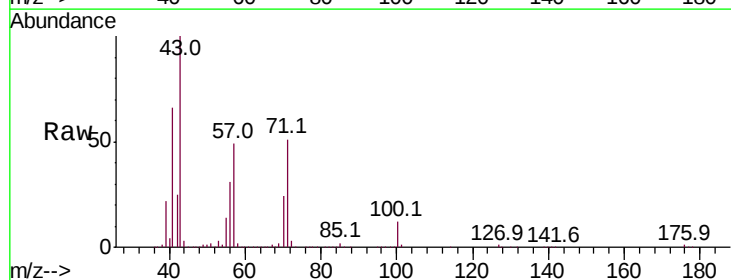
Manual Integrations
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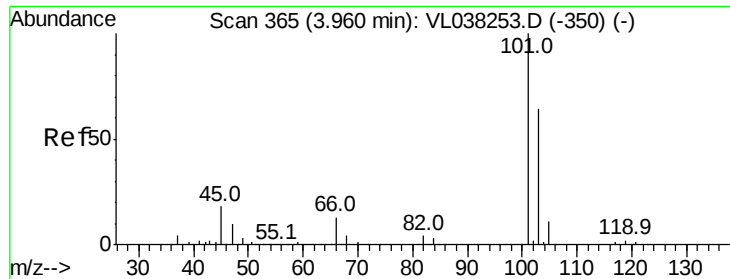
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#10
 Heptane
 Concen: 9.272 ppbv
 RT: 8.10 min Scan# 1651
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 43 Resp: 1304960
 Ion Ratio Lower Upper
 43 100
 57 50.1 39.5 59.3



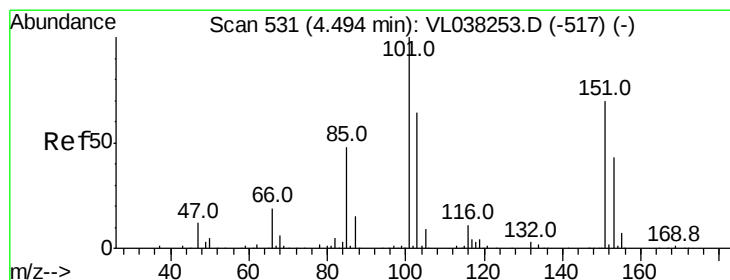
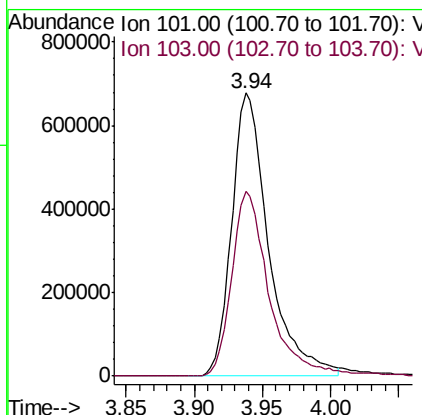
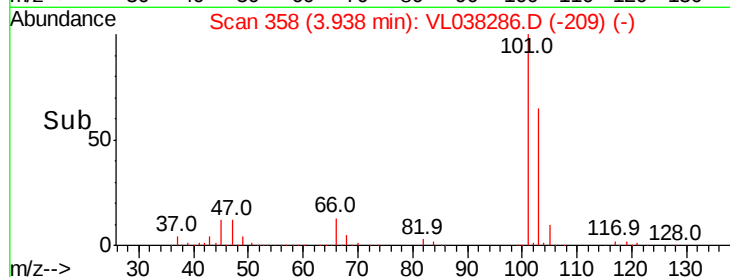
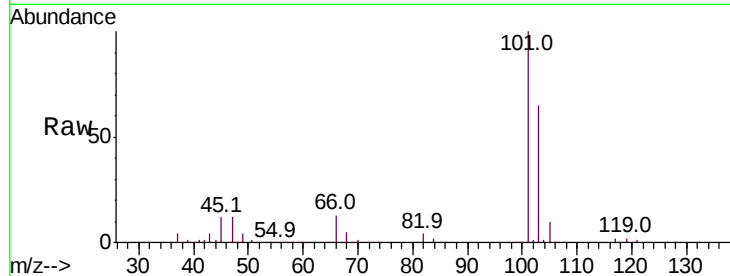


#11
 Trichlorofluoromethane
 Concen: 9.116 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:1
 Ion Rati
 101 100
 103 65.

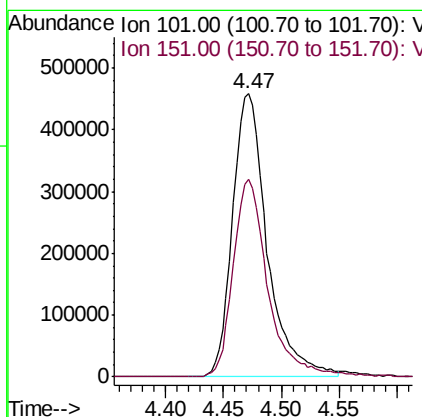
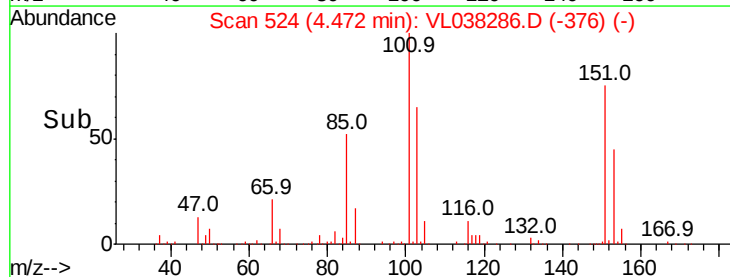
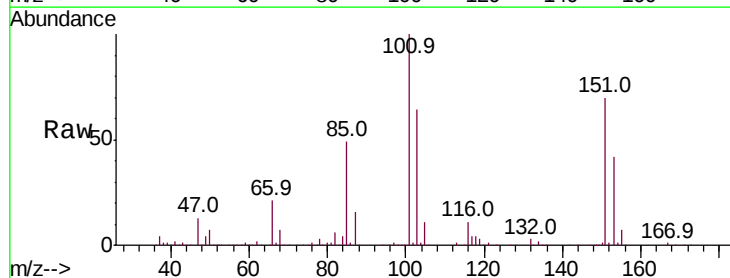
Manual Integrations
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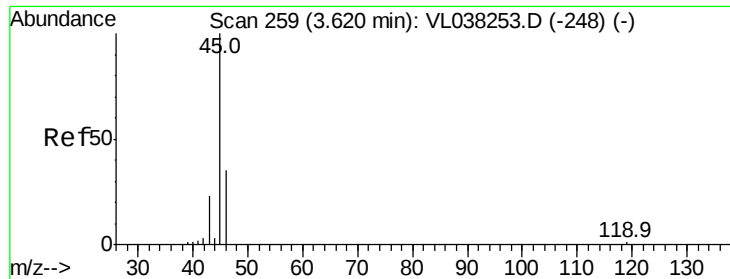
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.983 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:101 Resp: 950559
 Ion Ratio Lower Upper
 101 100
 151 70.4 55.3 82.9



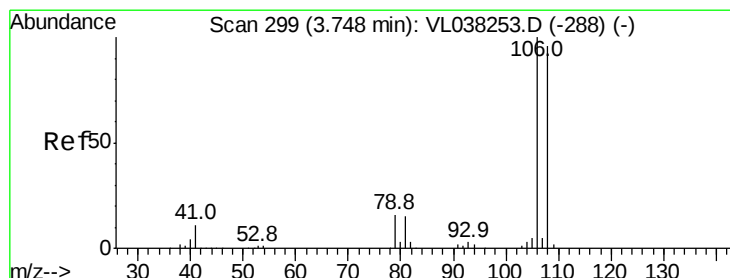
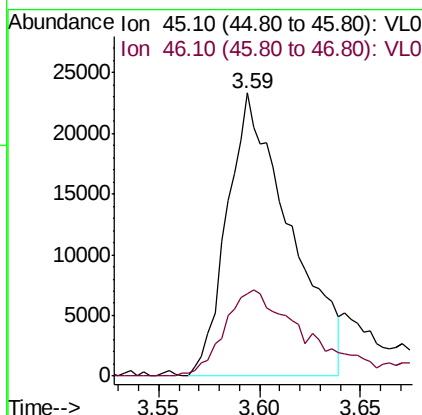
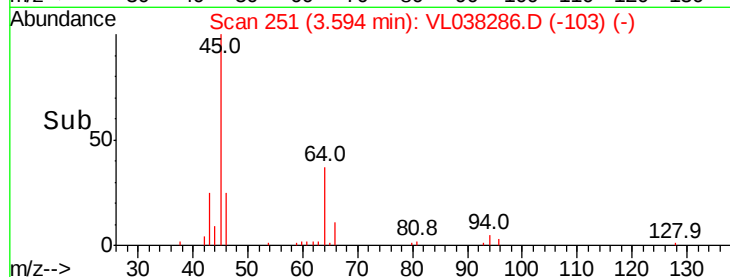
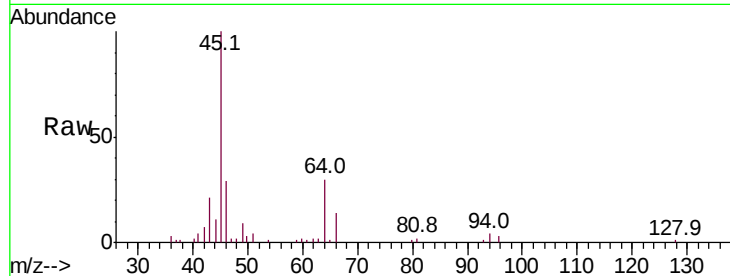


#13
Ethanol
Concen: 8.611 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
45 100
46 43.

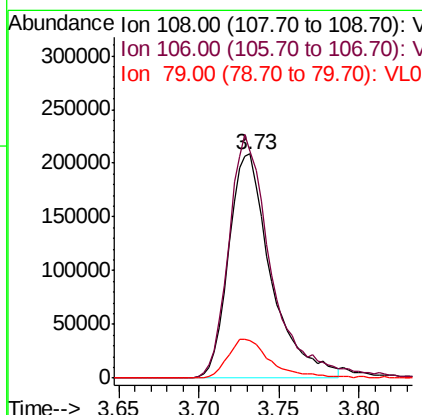
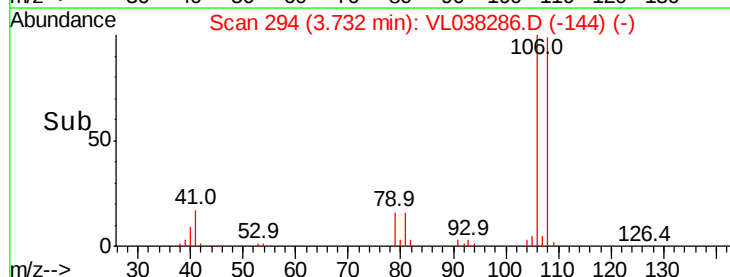
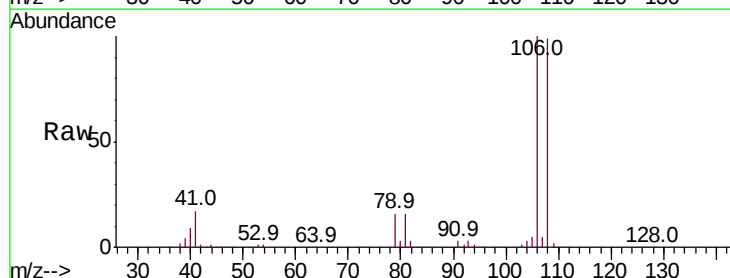
Manual Integrations
APPROVED

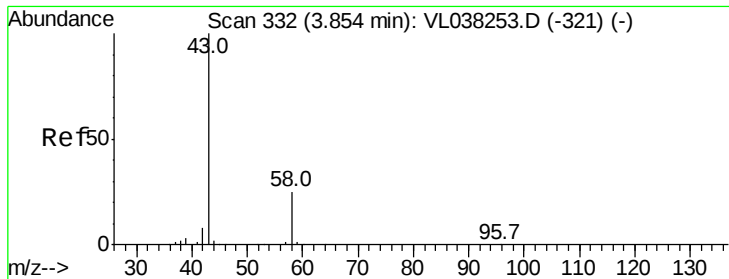
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#14
Bromoethene
Concen: 9.126 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion:108 Resp: 377365
Ion Ratio Lower Upper
108 100
106 111.3 86.4 129.6
79 18.6 14.1 21.1





#15

Acetone

Concen: 8.536 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

43 100

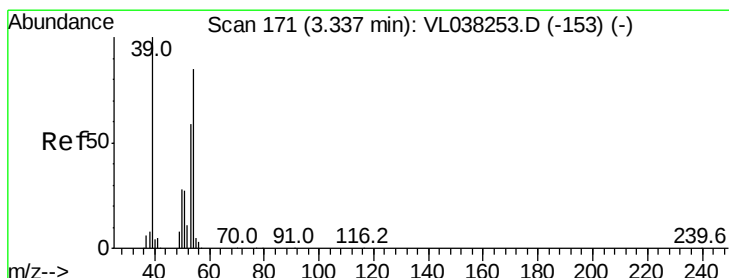
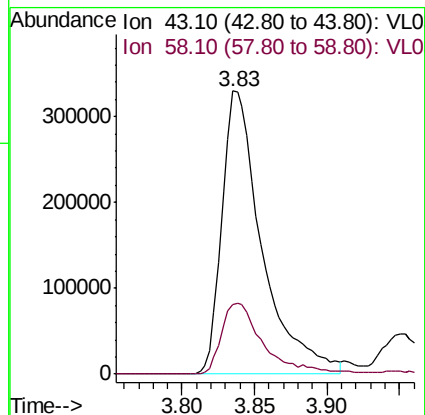
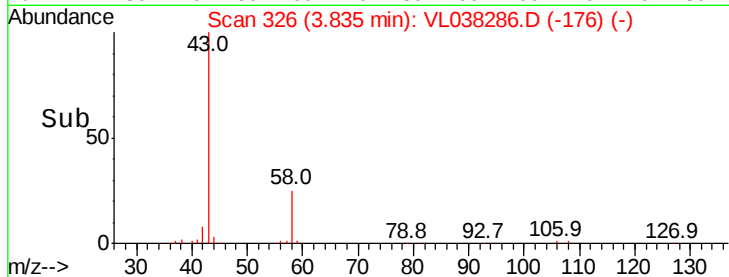
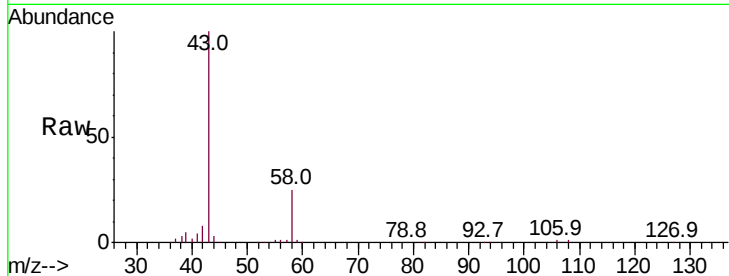
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#16

1,3-Butadiene

Concen: 9.420 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.02 min

Lab File: VL038286.D

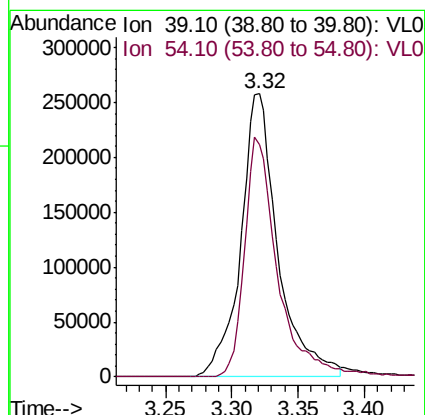
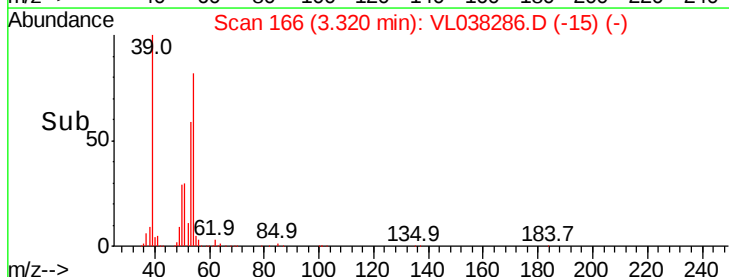
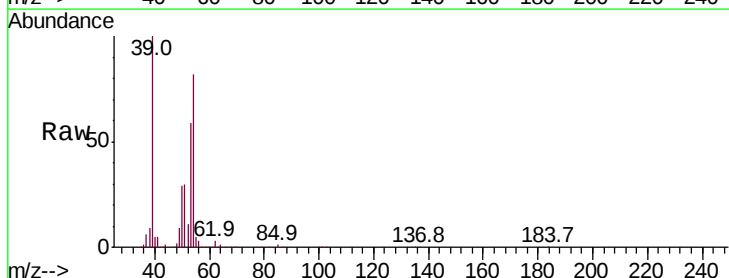
Acq: 26 Jan 2022 12:54

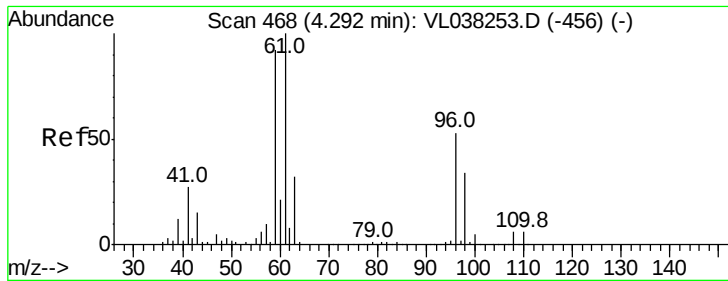
Tgt Ion: 39 Resp: 503027

Ion Ratio Lower Upper

39 100

54 76.5 62.6 94.0





#17

tert-Butyl alcohol

Concen: 8.382 ppbv

RT: 4.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

59 100

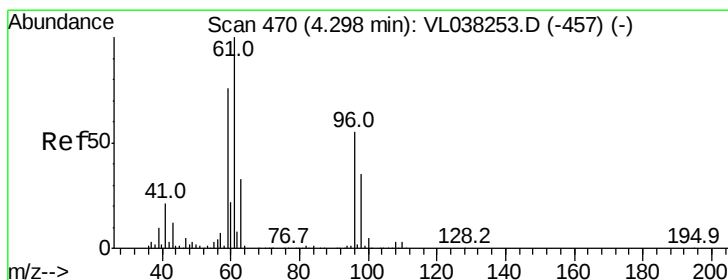
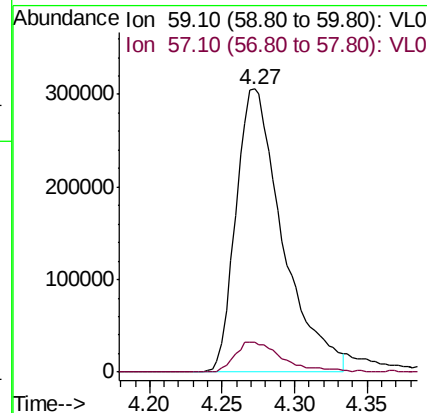
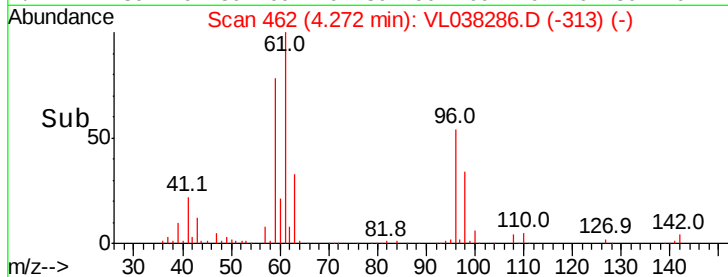
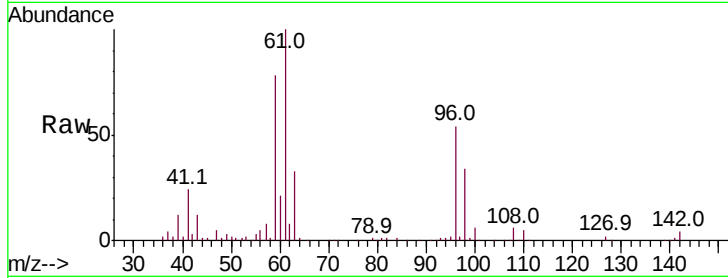
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#18

1,1-Dichloroethene

Concen: 9.195 ppbv

RT: 4.28 min Scan# 463

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

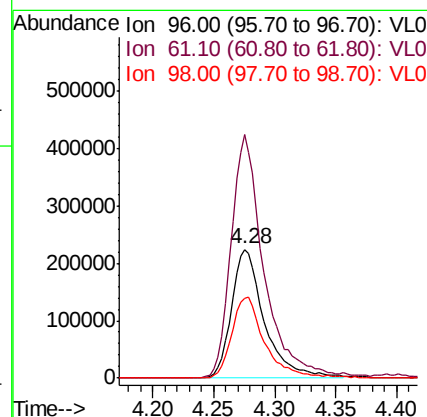
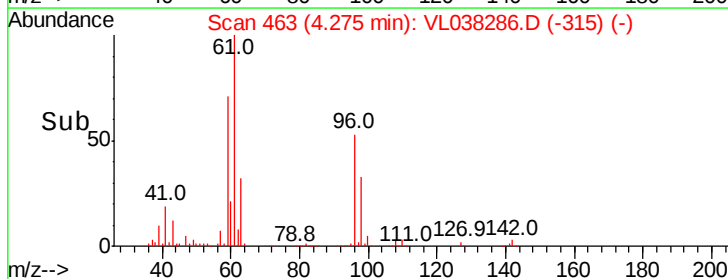
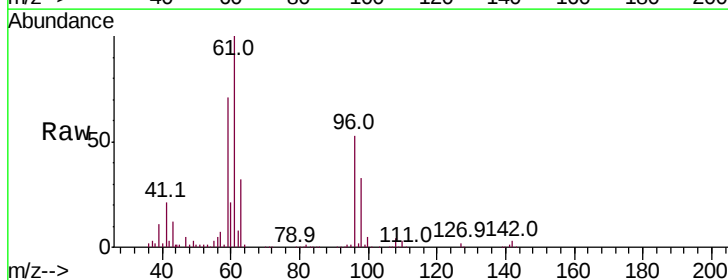
Tgt Ion: 96 Resp: 423135

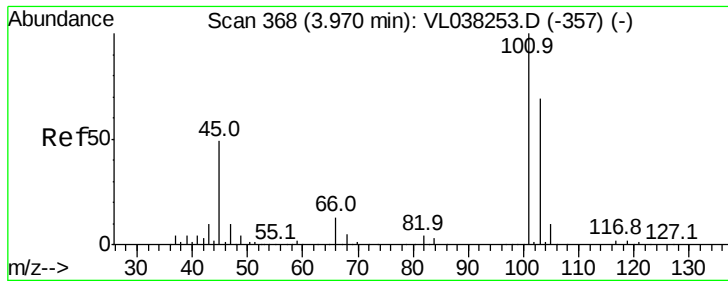
Ion Ratio Lower Upper

96 100

61 189.5 146.5 219.7

98 62.4 51.9 77.9



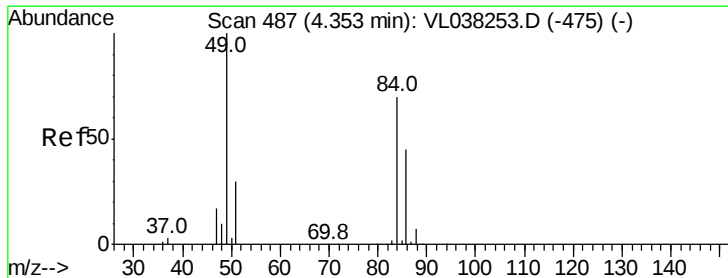
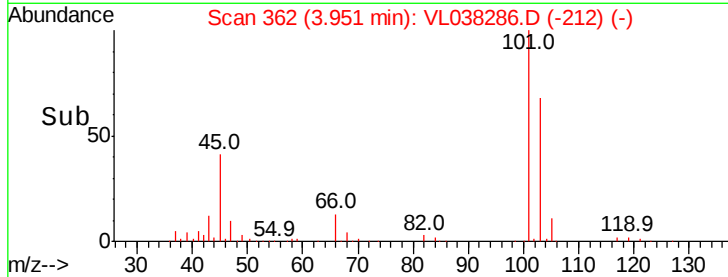
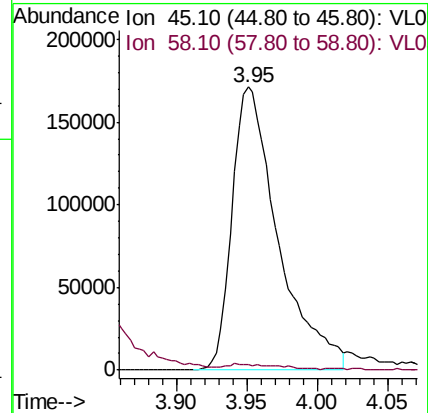
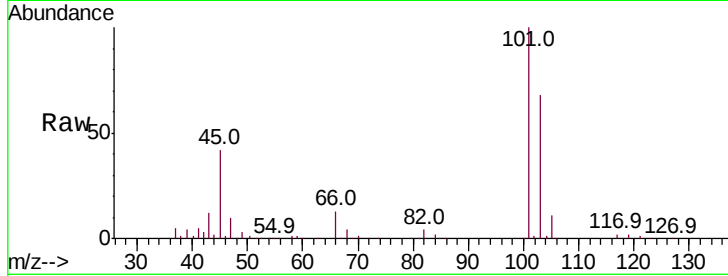


#19
Isopropyl Alcohol
Concen: 8.414 ppbv
RT: 3.95 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
45 100
58 2.

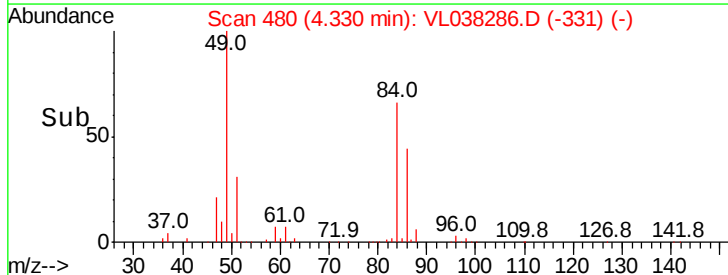
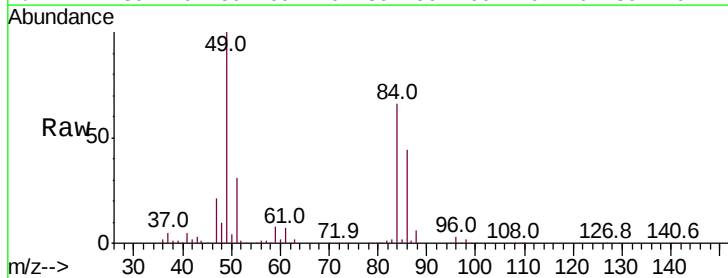
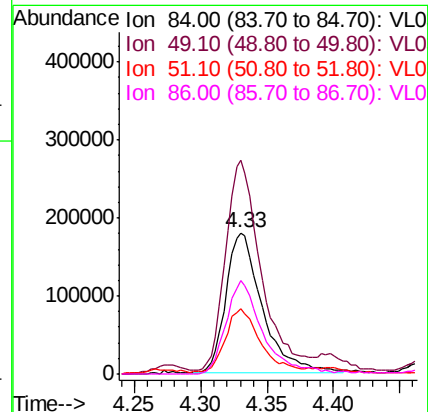
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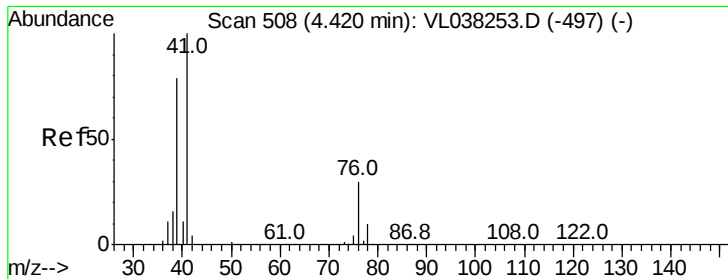
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#20
Methylene Chloride
Concen: 8.035 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 84 Resp: 347761
Ion Ratio Lower Upper
84 100
49 149.5 115.0 172.6
51 45.2 35.0 52.6
86 66.0 51.4 77.0





#21

Allvl Chloride

Concen: 9.505 ppbv

RT: 4.40 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54 VL0126ABS01

Tot Ion:

Ion Ratio

41 100

76 31.

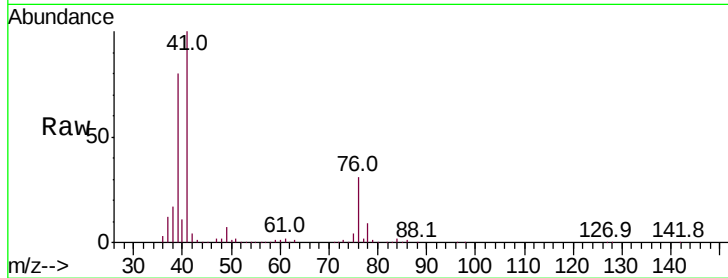
39 81.

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Reviewed By :Semsettin Yesilyurt 01/27/2022

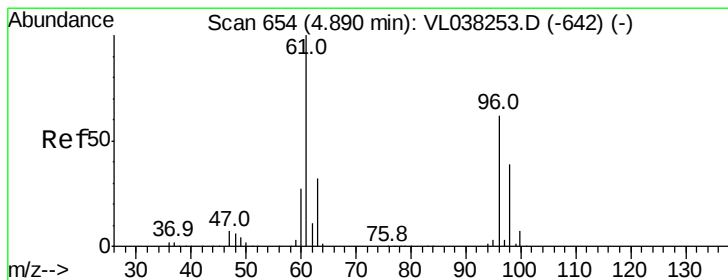
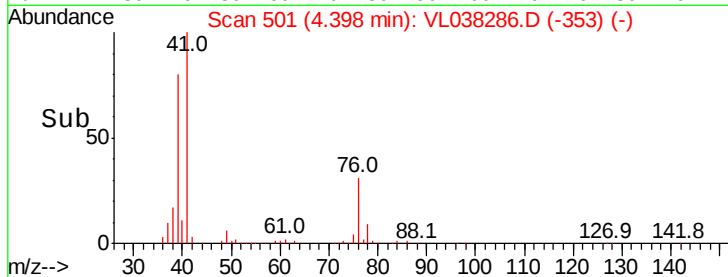
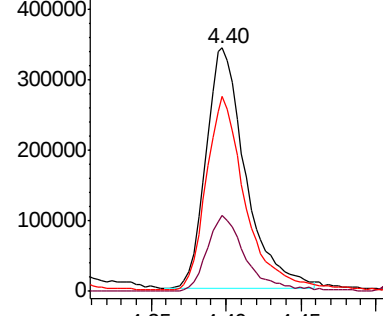
Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.408 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

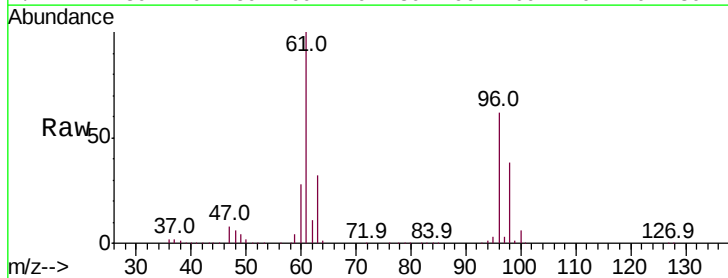
Tgt Ion: 96 Resp: 447326

Ion Ratio Lower Upper

96 100

61 161.0 128.8 193.2

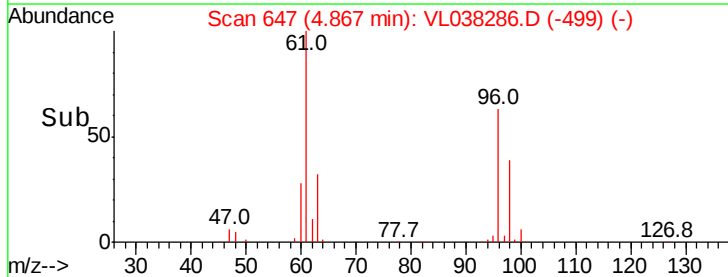
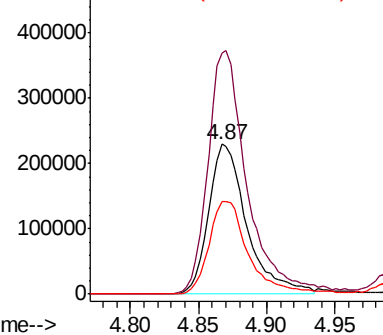
98 61.9 49.8 74.8

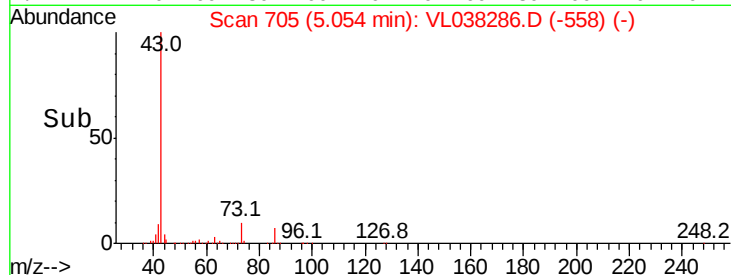
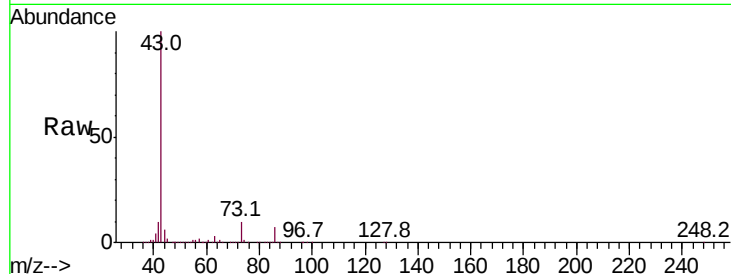
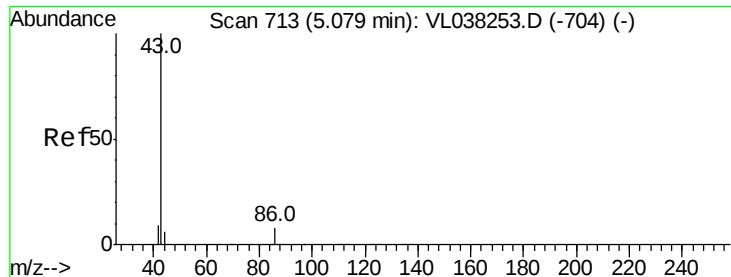


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#23

Vinyl Acetate

Concen: 8.956 ppbv

RT: 5.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

44 5.7

4.2

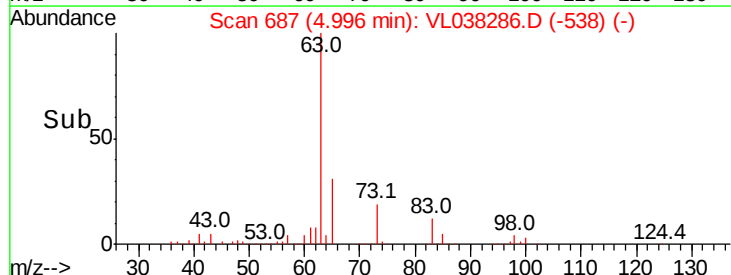
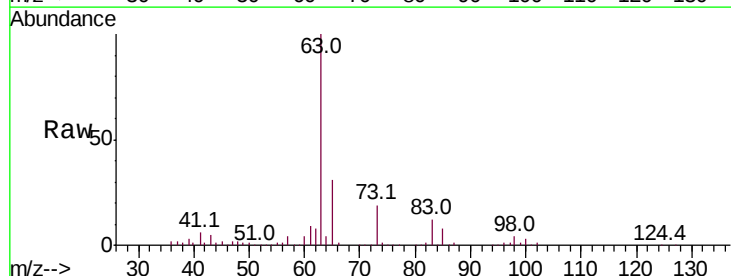
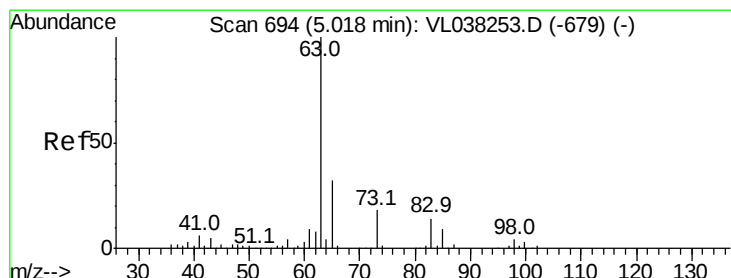
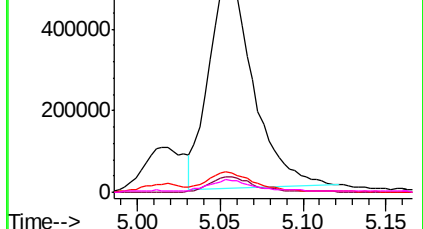
6.4

Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 9.193 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

Tgt Ion: 63 Resp: 886096

Ion Ratio Lower Upper

63 100

98 4.1

2.3

6.8

100 2.7

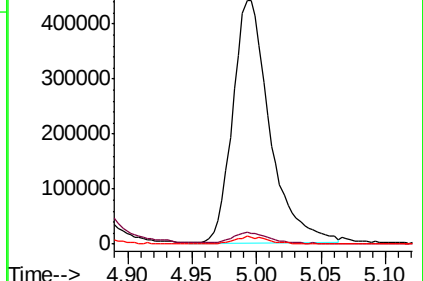
1.3

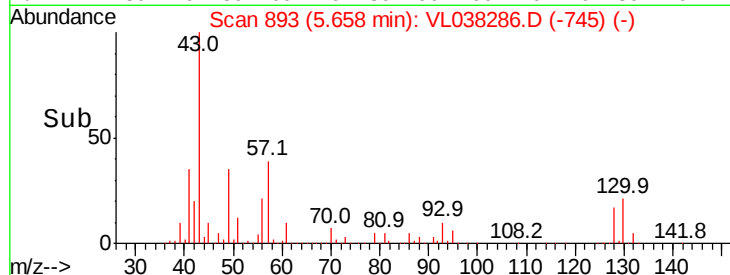
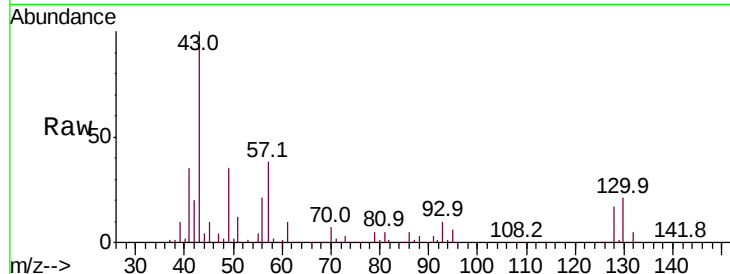
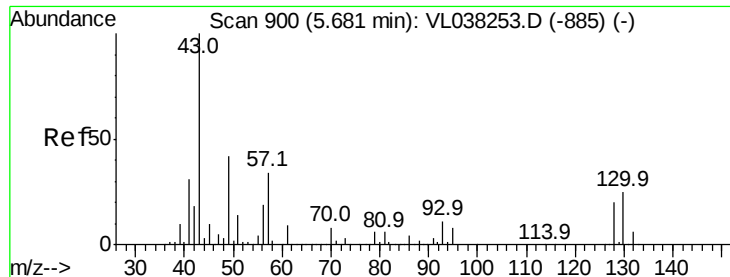
3.9

Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



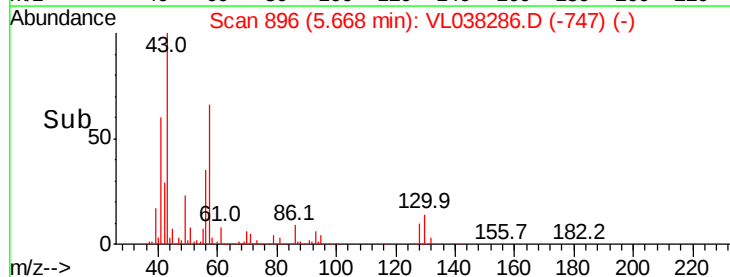
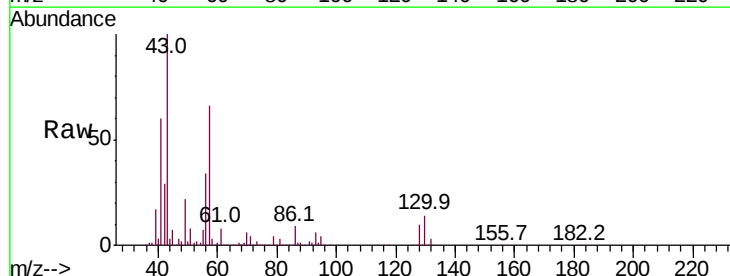
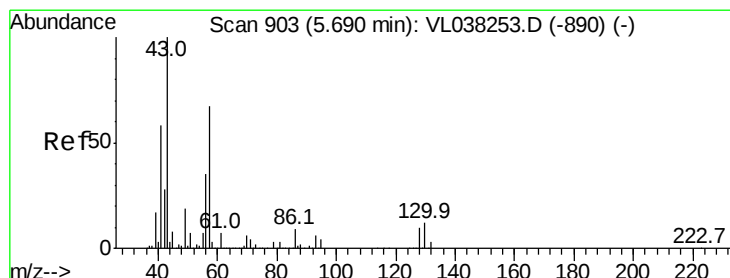
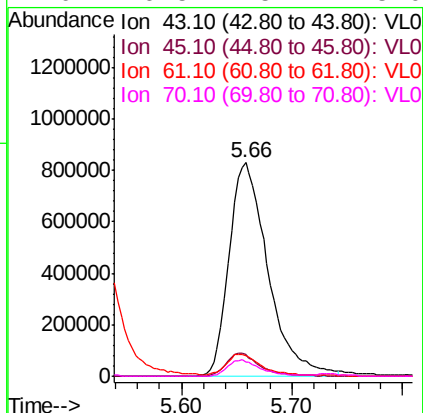


#25
Ethyl Acetate
Concen: 9.711 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.5 5.4 8.0

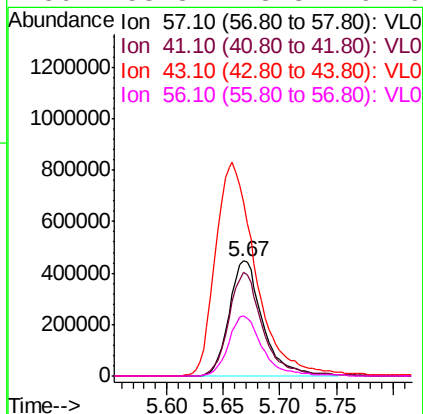
Manual Integrations
APPROVED

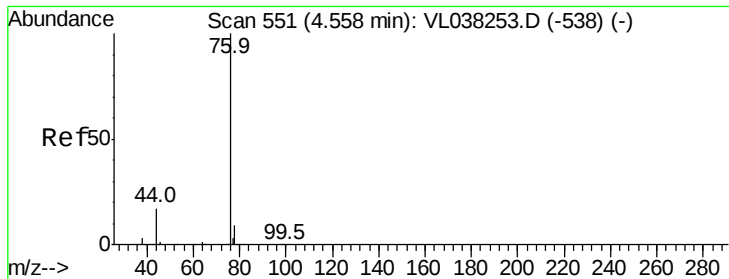
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 9.524 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 57 Resp: 922876
Ion Ratio Lower Upper
57 100
41 92.2 72.8 109.2
43 223.2 177.0 265.6
56 53.3 43.3 64.9





#27

Carbon Disulfide

Concen: 9.488 ppbv

RT: 4.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL0126ABS01

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

76 100

44 18.

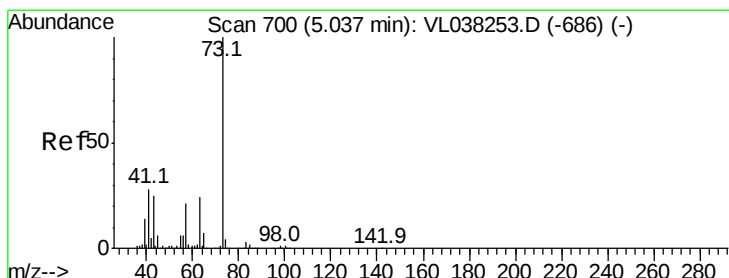
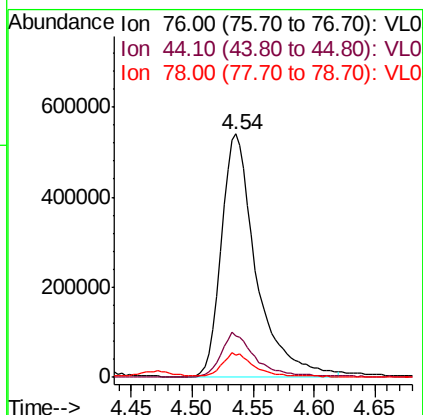
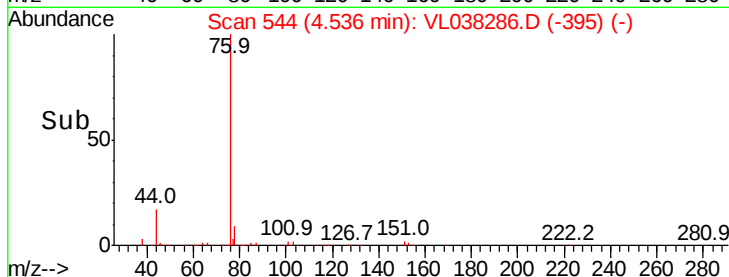
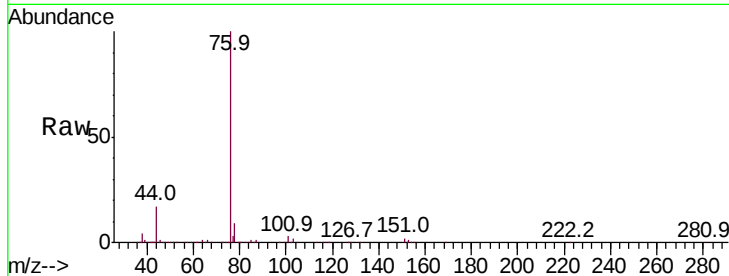
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#28

Methyl tert-Butyl Ether

Concen: 9.302 ppbv

RT: 5.01 min Scan# 693

Delta R.T. -0.02 min

Lab File: VL038286.D

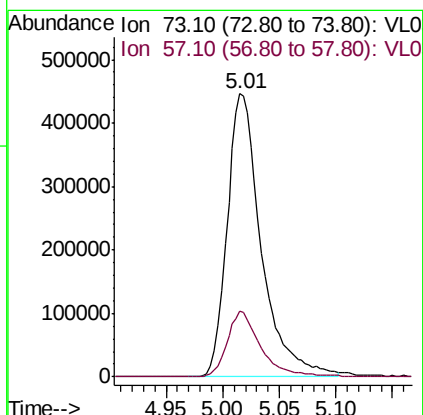
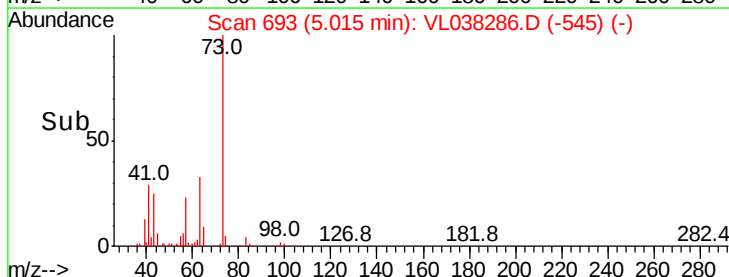
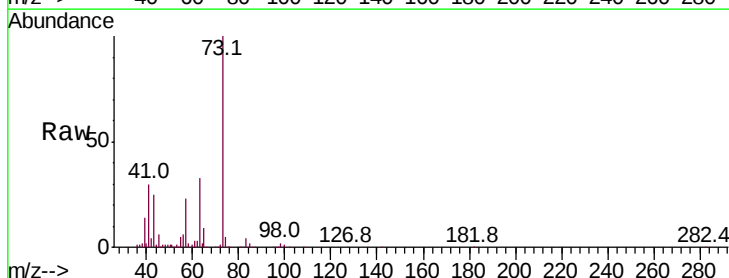
Acq: 26 Jan 2022 12:54

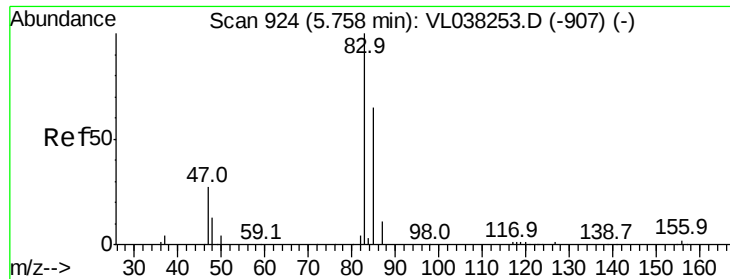
Tgt Ion: 73 Resp: 935111

Ion Ratio Lower Upper

73 100

57 23.0 18.2 27.4



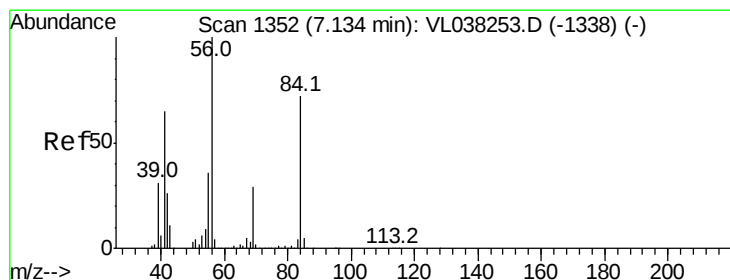
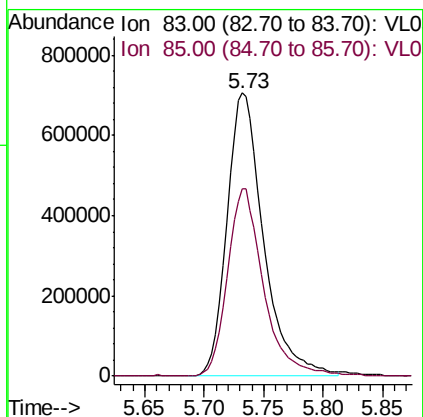
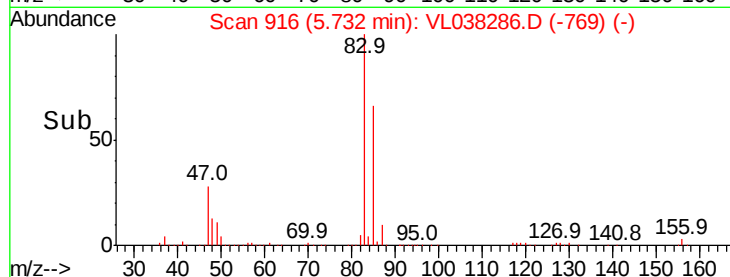
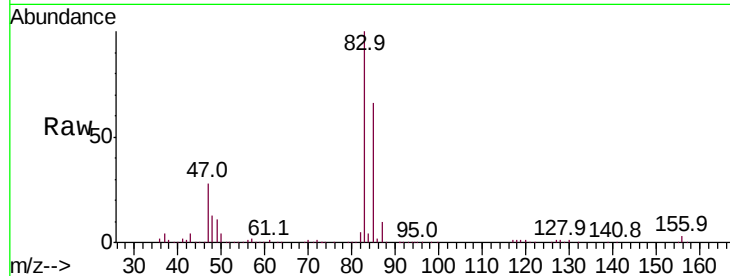


#29
Chloroform
Concen: 9.500 ppbv
RT: 5.73
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
83 100
85 65.

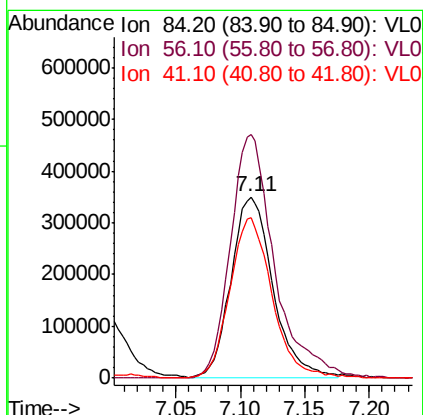
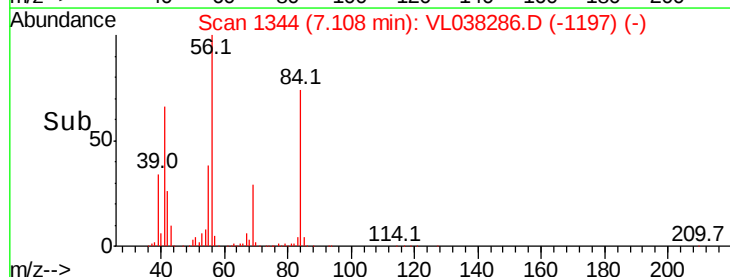
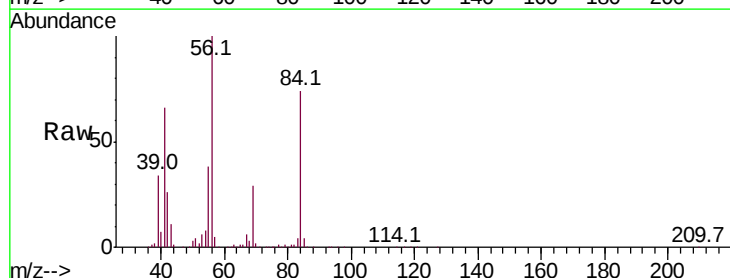
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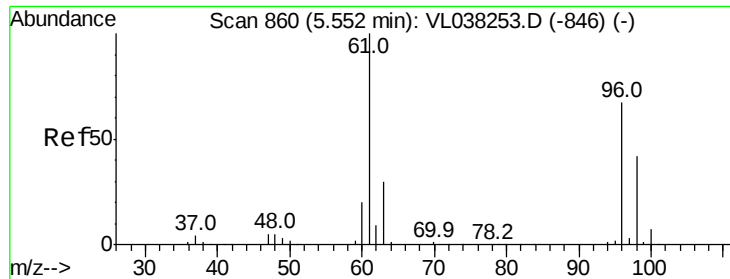
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#30
Cyclohexane
Concen: 9.429 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 84 Resp: 795567
Ion Ratio Lower Upper
84 100
56 141.5 112.7 169.1
41 88.9 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 10.941 ppbv

RT: 5.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

61 100

96 63.

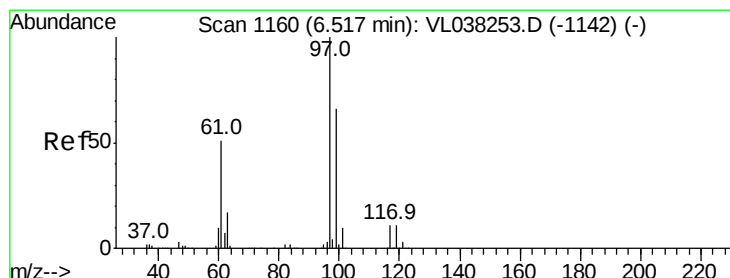
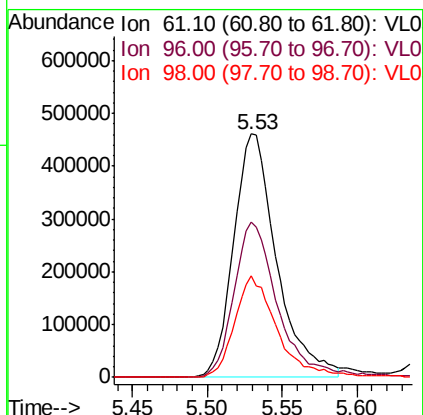
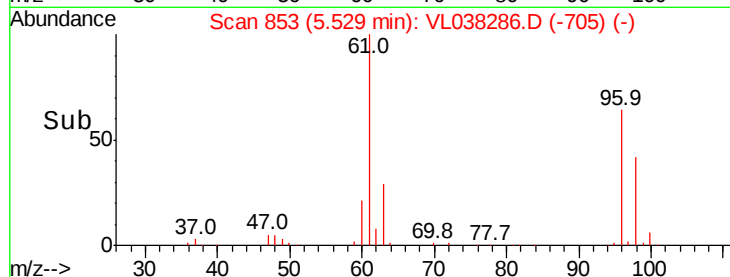
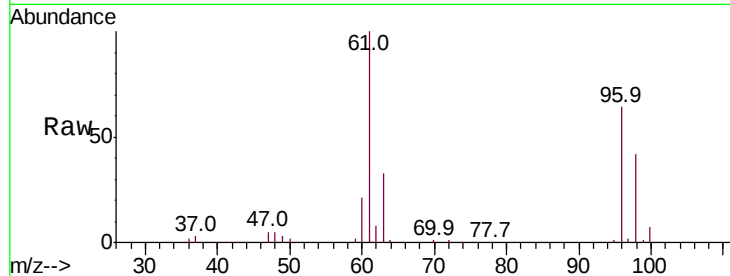
98 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#32

1,1,1-Trichloroethane

Concen: 9.437 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

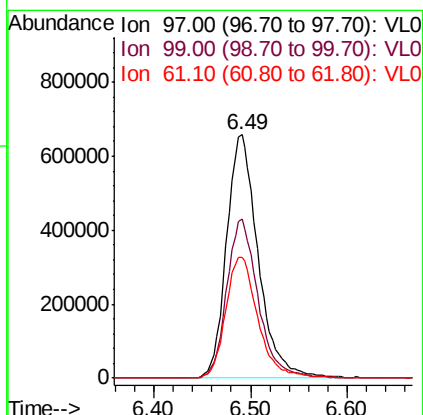
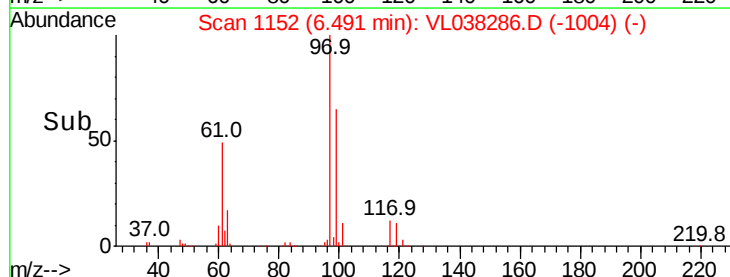
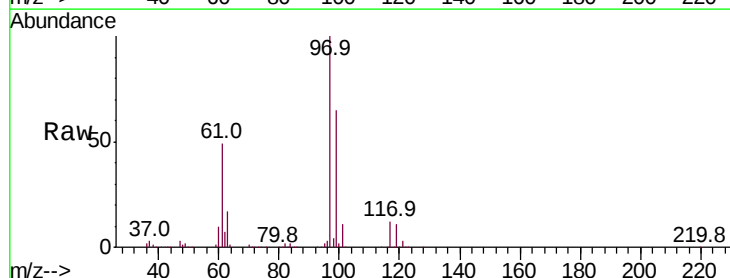
Tgt Ion: 97 Resp: 1490944

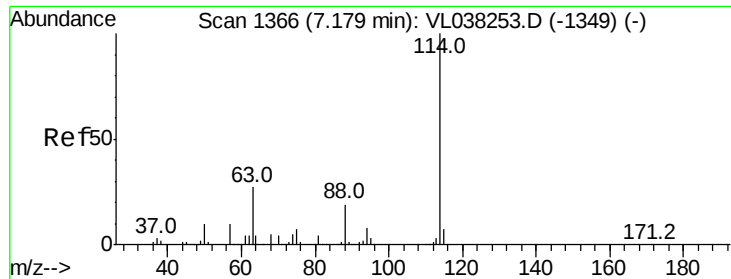
Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 51.0 40.5 60.7



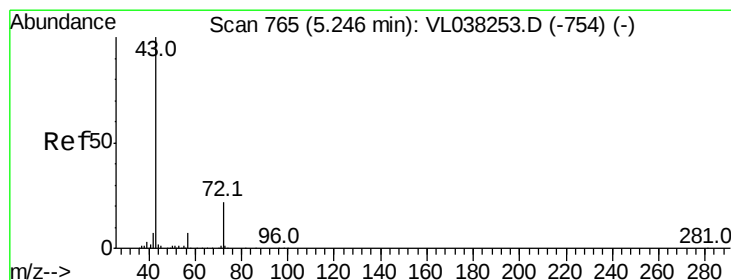
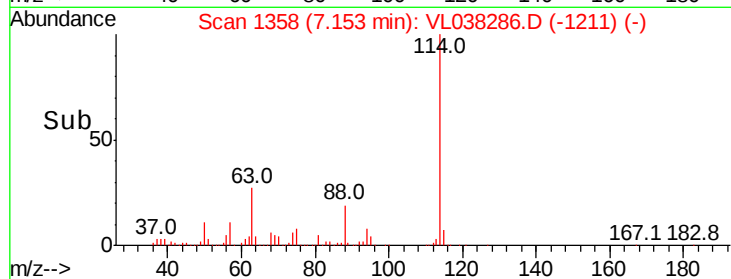
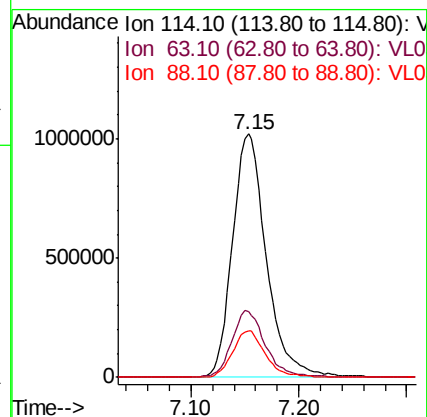
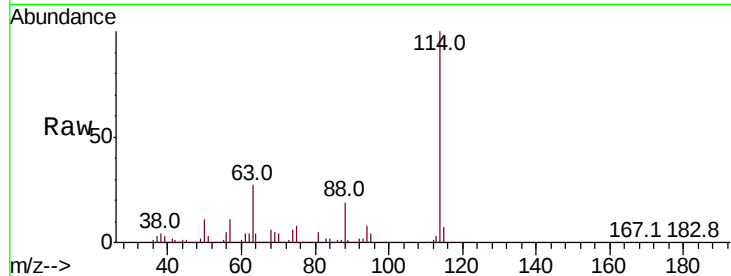


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

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

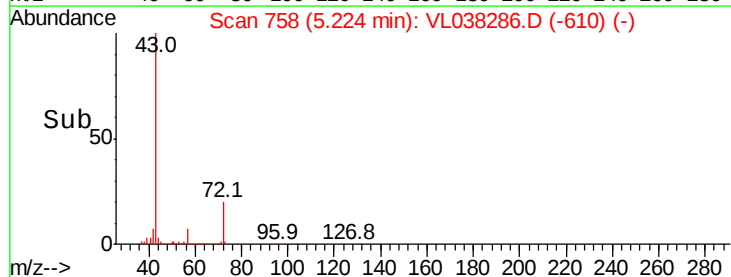
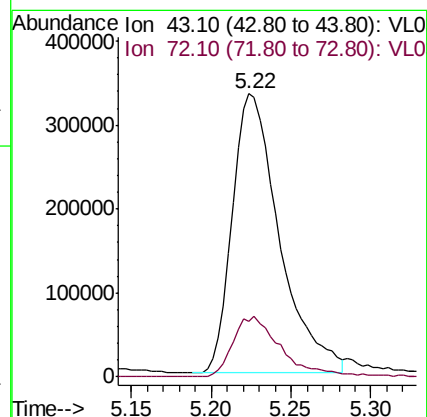
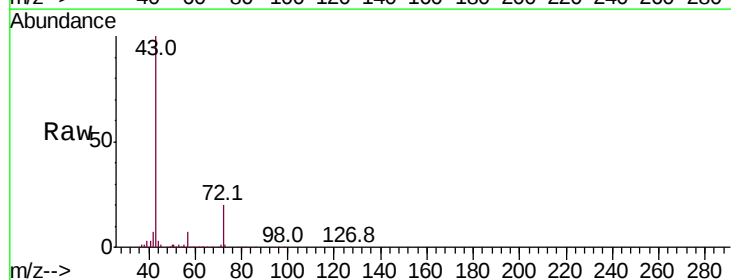
Manual Integrations
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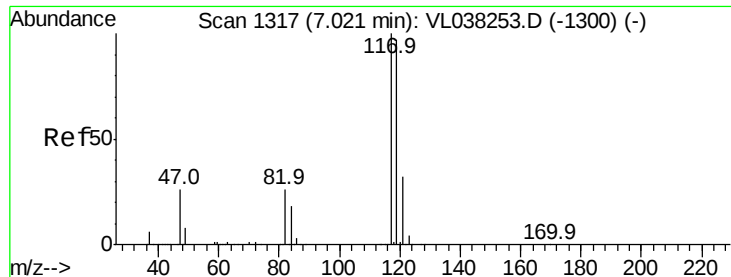
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#34
 2-Butanone
 Concen: 9.218 ppbv
 RT: 5.22 min Scan# 758
 Delta R.T. -0.02 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	672067		
72	23.0		18.1	27.1



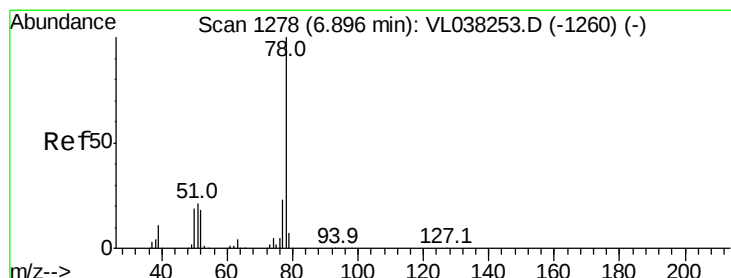
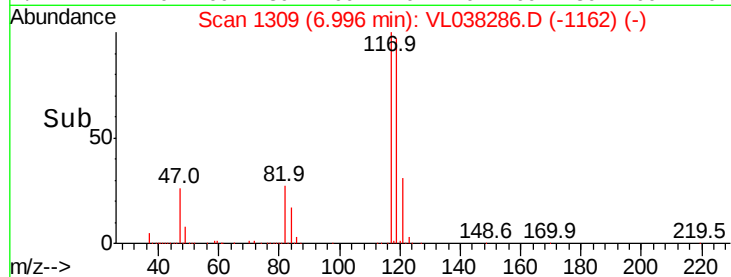
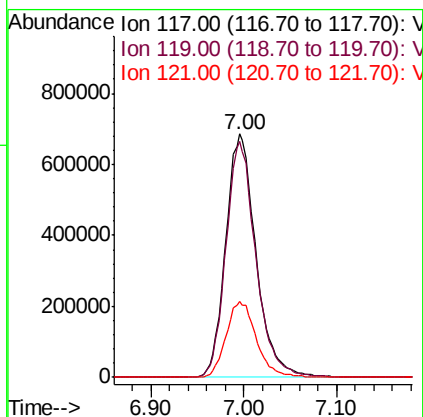
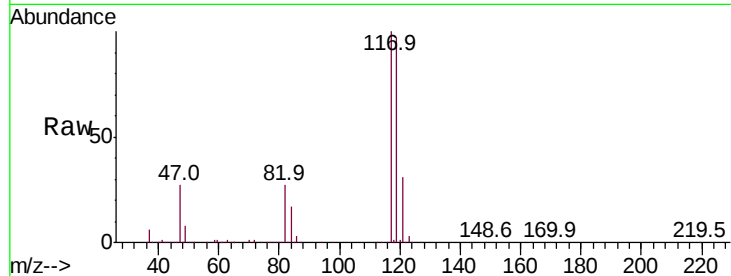


#35
Carbon Tetrachloride
Concen: 9.907 ppbv
RT: 7.00
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

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

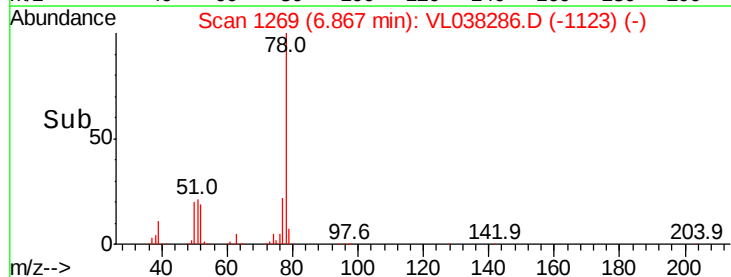
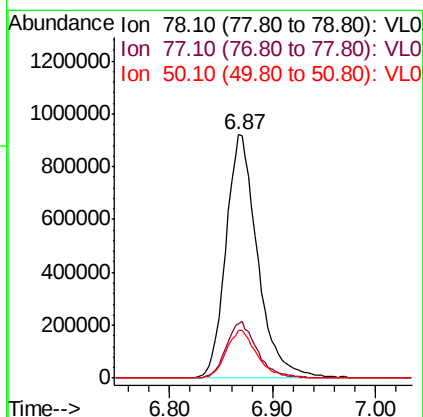
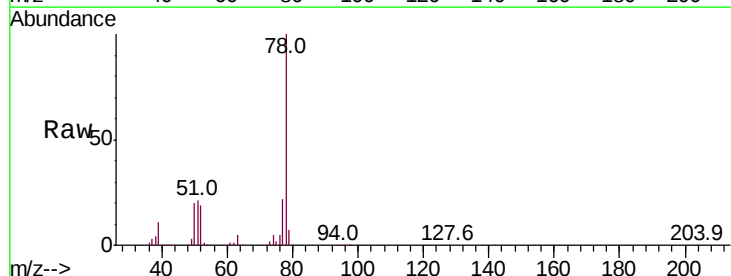
Manual Integrations
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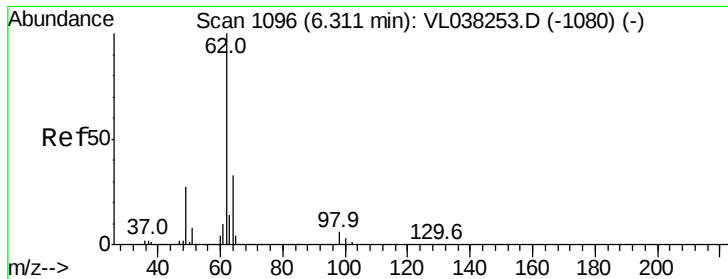
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#36
Benzene
Concen: 9.975 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 78 Resp: 1967057
Ion Ratio Lower Upper
78 100
77 22.0 18.2 27.2
50 19.5 15.1 22.7



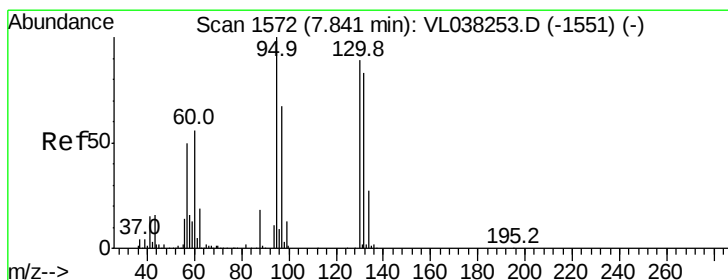
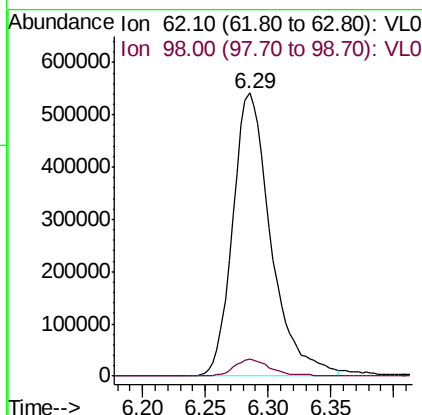
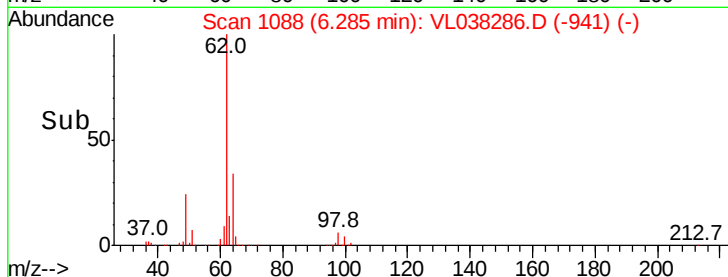
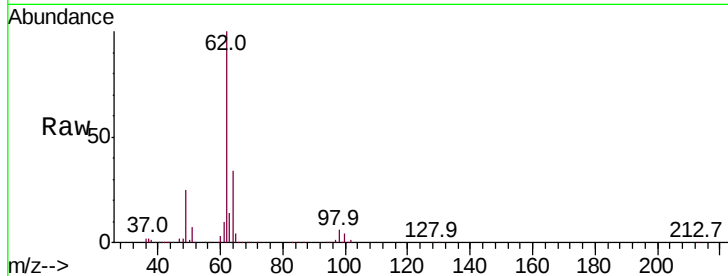


#37
 1,2-Dichloroethane
 Concen: 10.141 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:
 Ion Ratio
 62 100
 98 6.

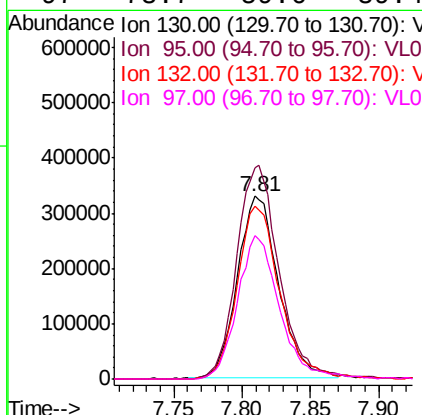
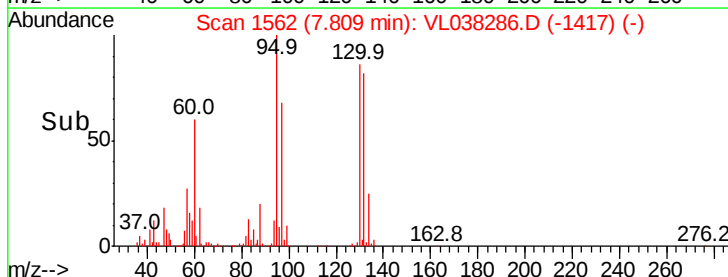
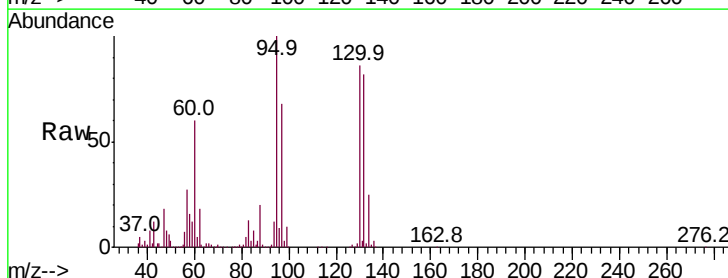
Manual Integrations
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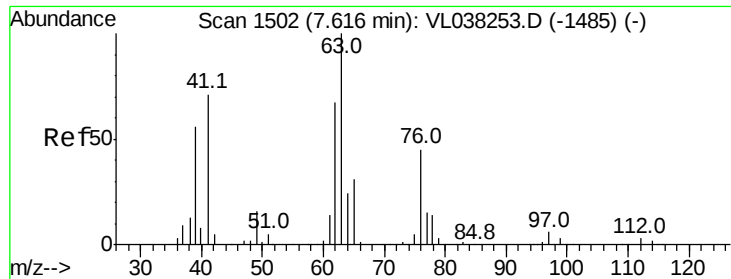
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#38
 Trichloroethene
 Concen: 9.435 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:130 Resp: 693071
 Ion Ratio Lower Upper
 130 100
 95 116.2 89.4 134.2
 132 94.9 74.6 111.8
 97 78.7 59.6 89.4



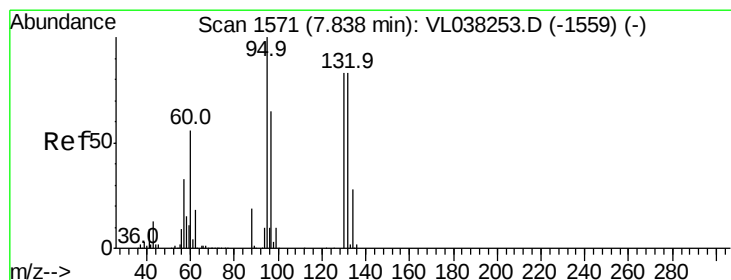
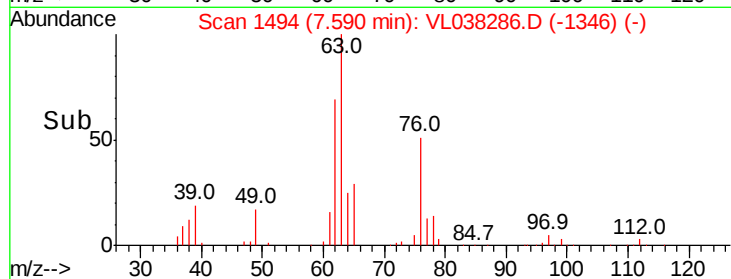
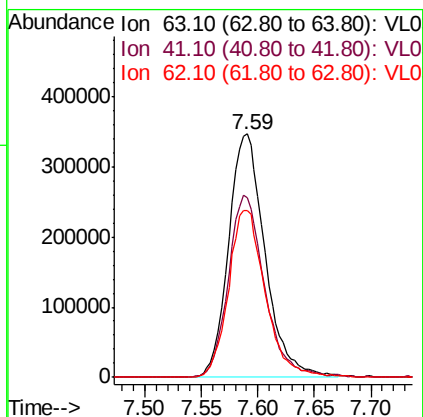
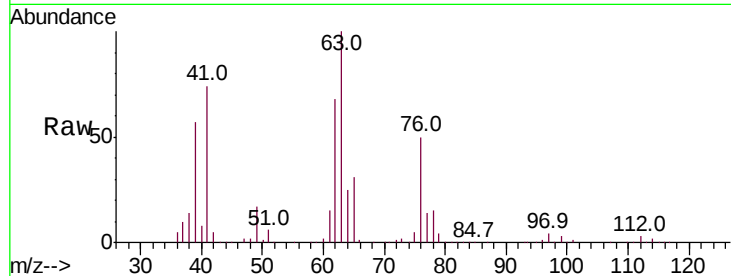


#39
 1,2-Dichloropropane
 Concen: 9.718 ppbv
 RT: 7.59
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:
 Ion Ratio
 63 100
 41 73.
 62 68.

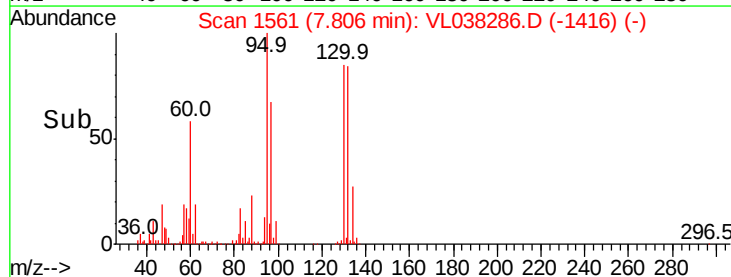
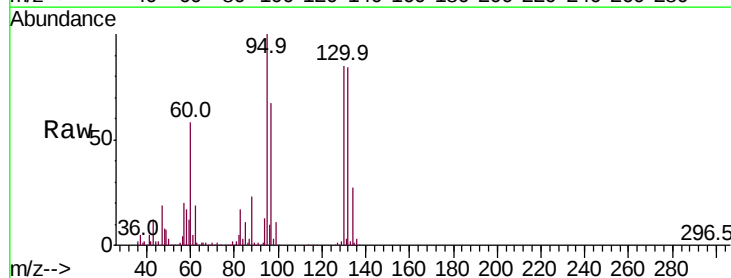
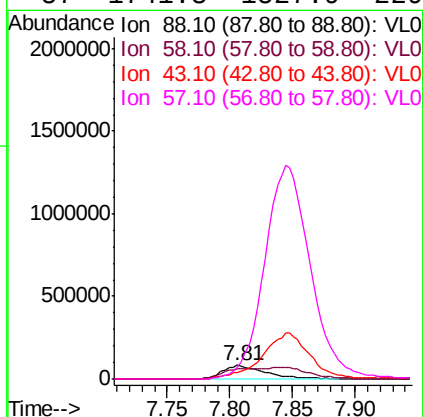
Manual Integrations
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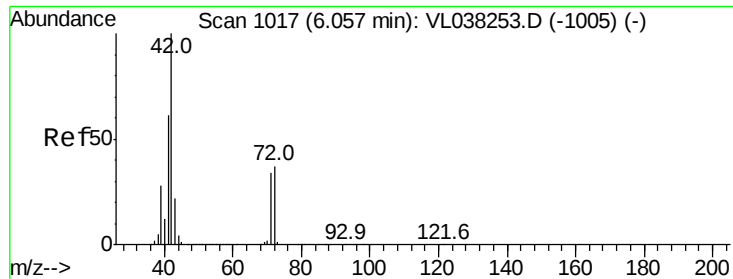
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#40
 1,4-Dioxane
 Concen: 9.873 ppbv
 RT: 7.81 min Scan# 1561
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 88 Resp: 189989
 Ion Ratio Lower Upper
 88 100
 58 158.2 138.6 208.0
 43 385.5 346.9 520.3
 57 1741.3 1527.9 2291.9



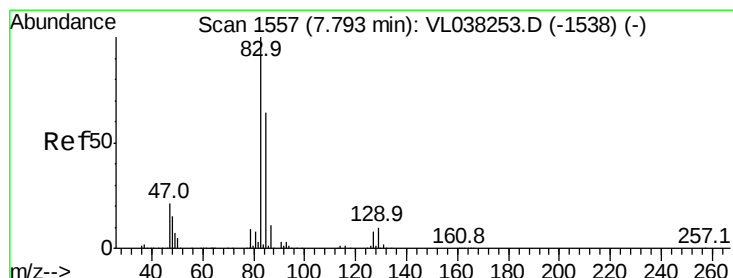
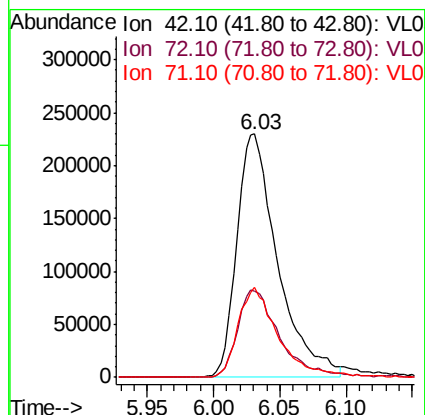
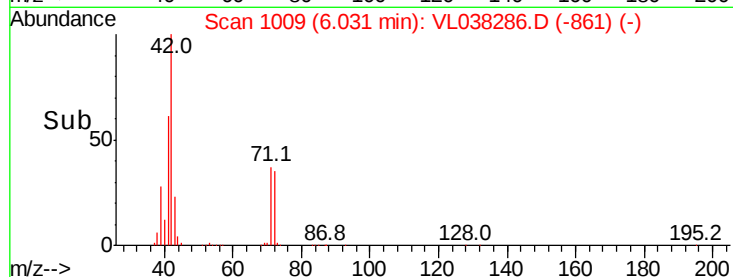
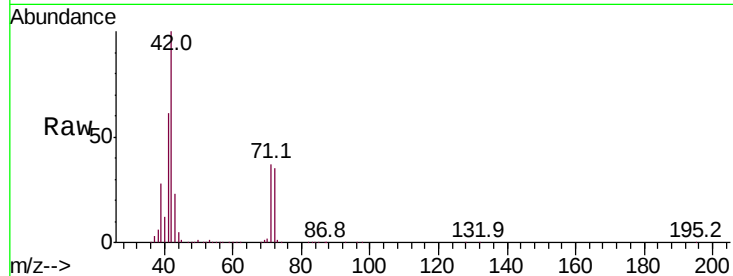


#41
Tetrahydrofuran
Concen: 10.060 ppbv
RT: 6.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

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

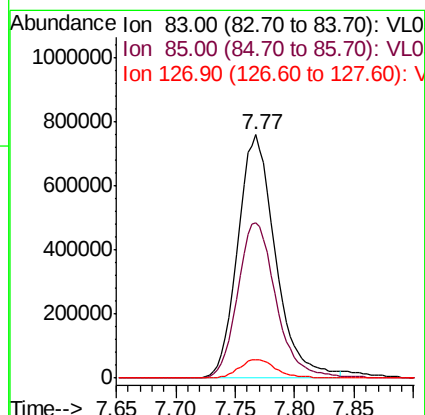
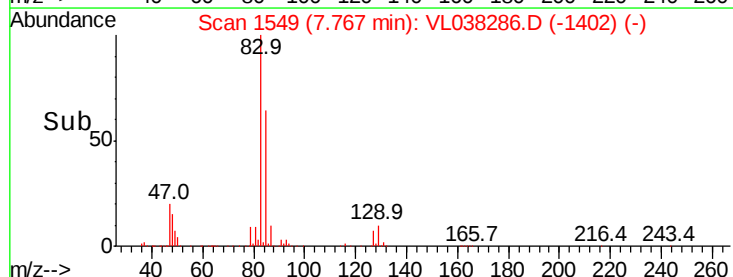
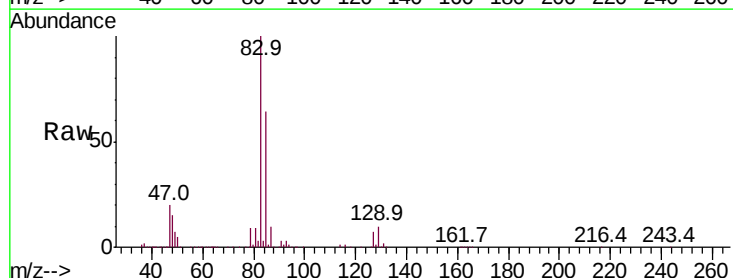
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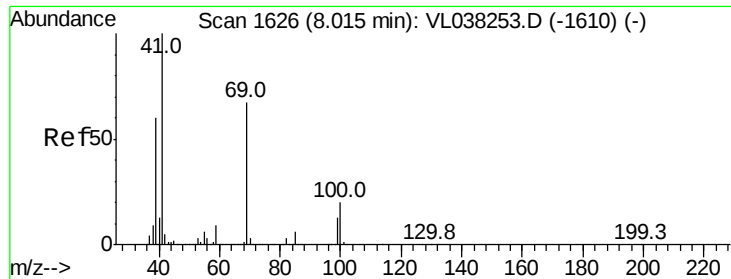
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#42
Bromodichloromethane
Concen: 9.977 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 83 Resp: 1671860
Ion Ratio Lower Upper
83 100
85 64.0 51.5 77.3
127 7.3 6.2 9.4



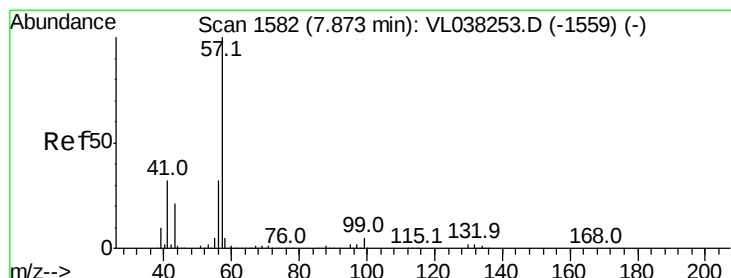
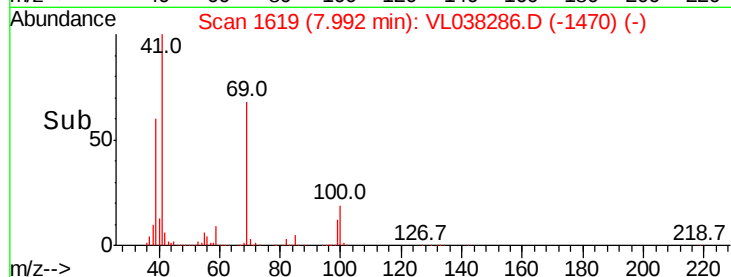
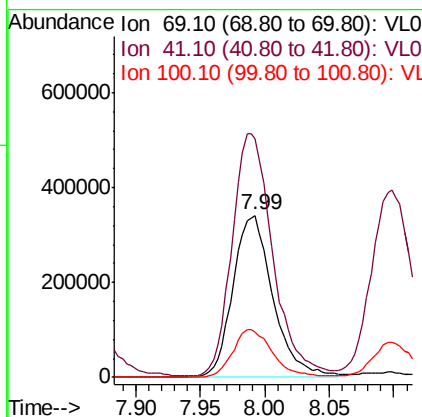
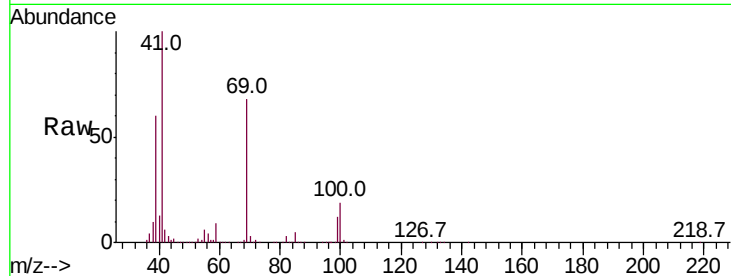


#43
Methyl Methacrylate
Concen: 10.555 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
69 100
41 154.
100 29.

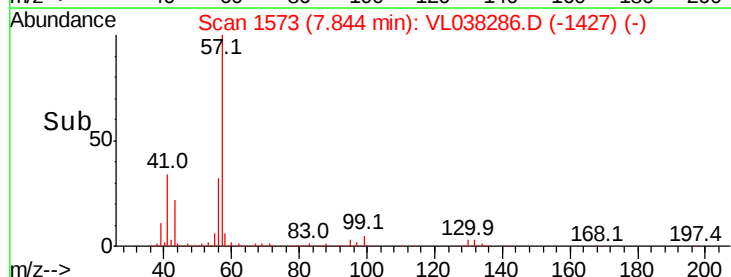
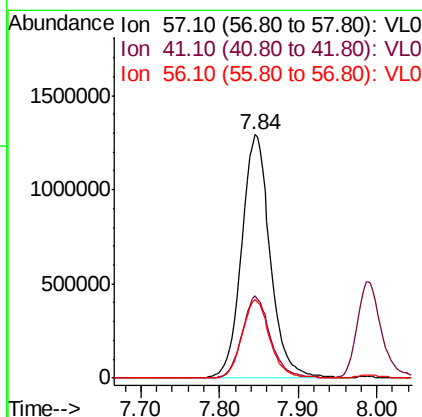
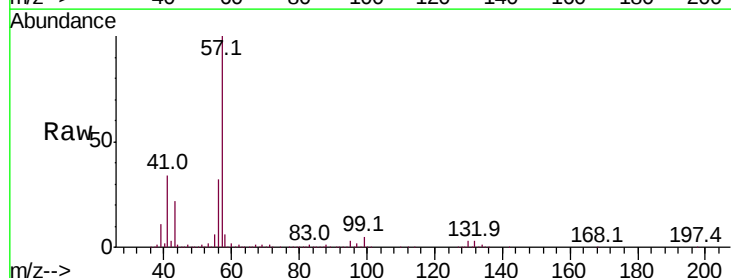
Manual Integrations
APPROVED

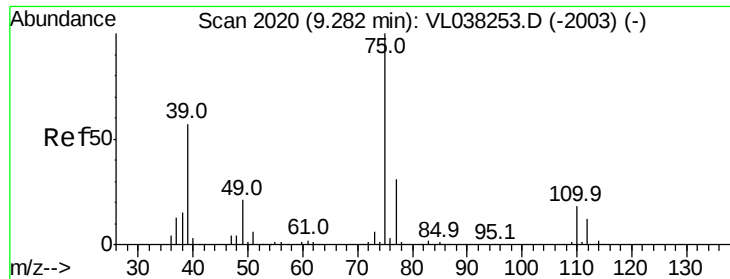
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.508 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 57 Resp: 3304161
Ion Ratio Lower Upper
57 100
41 33.5 26.3 39.5
56 31.4 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.566 ppbv

RT: 9.25 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54 VL0126ABS01

Tot Ion:

Ion Ratio

75 100

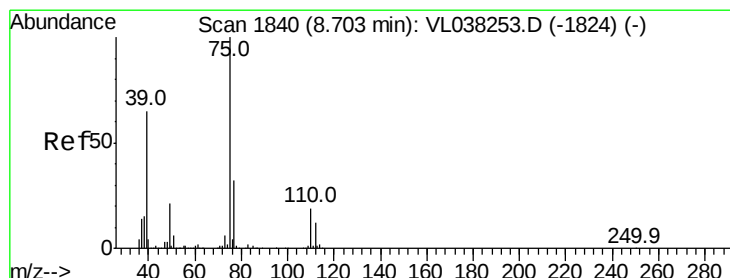
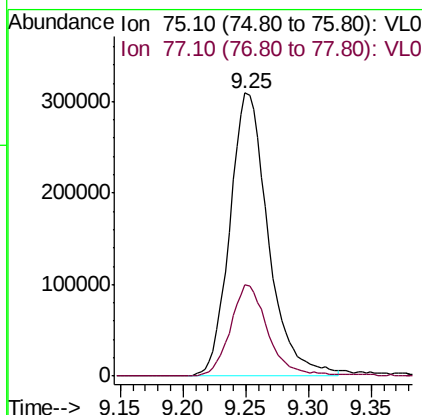
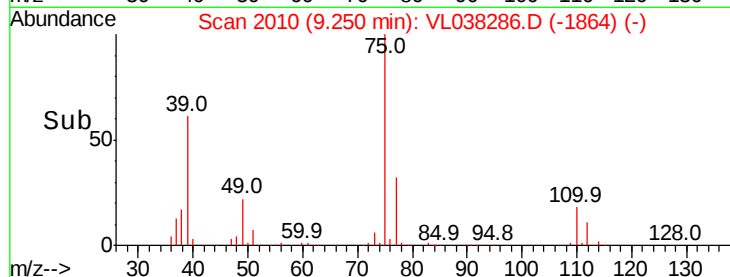
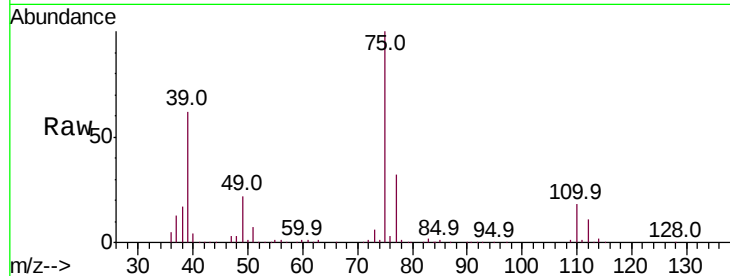
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#46

cis-1,3-Dichloropropene

Concen: 10.715 ppbv

RT: 8.68 min Scan# 1832

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

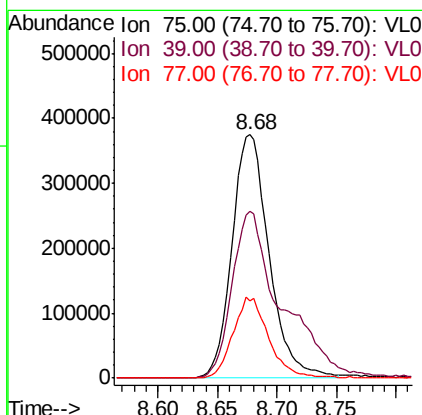
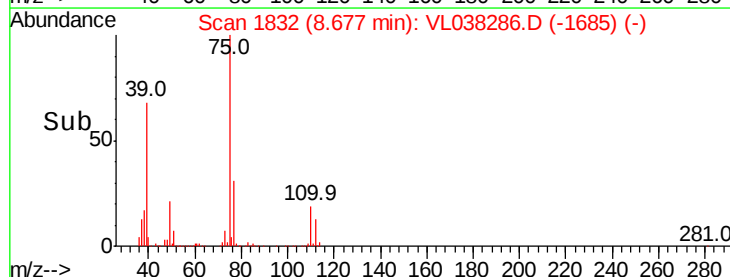
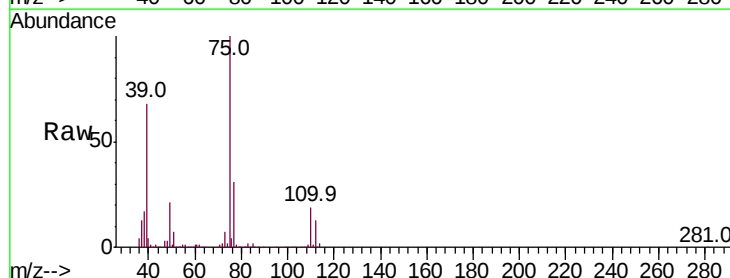
Tgt Ion: 75 Resp: 810207

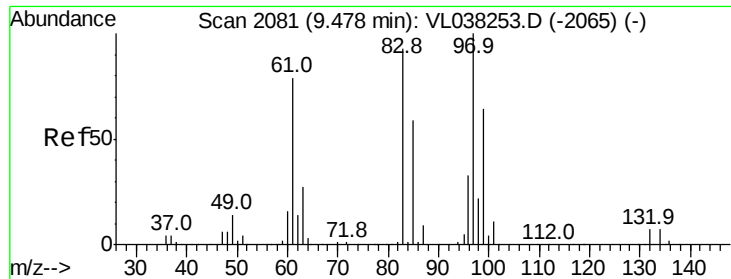
Ion Ratio Lower Upper

75 100

39 68.2 52.3 78.5

77 31.5 25.4 38.0



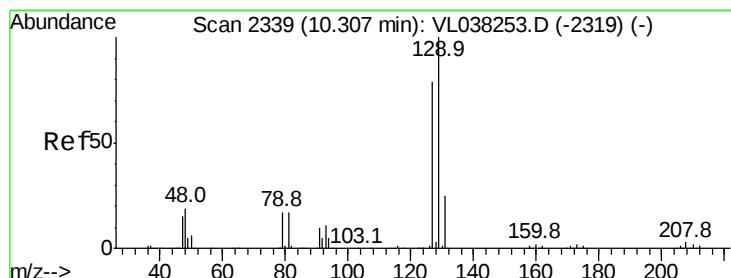
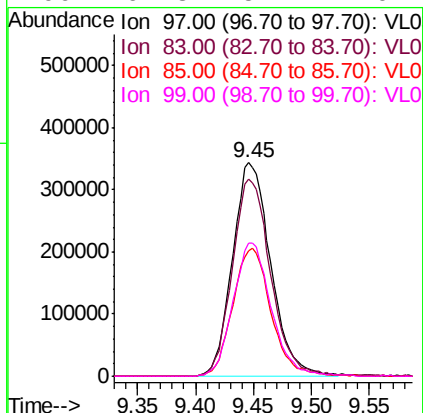
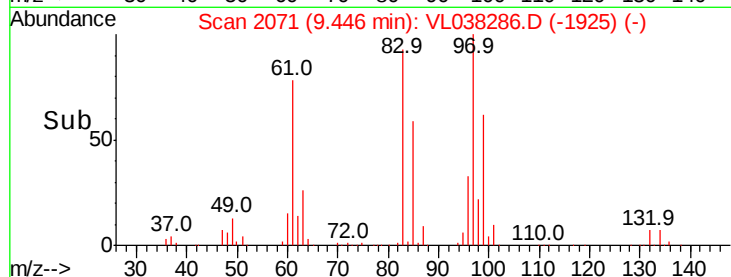
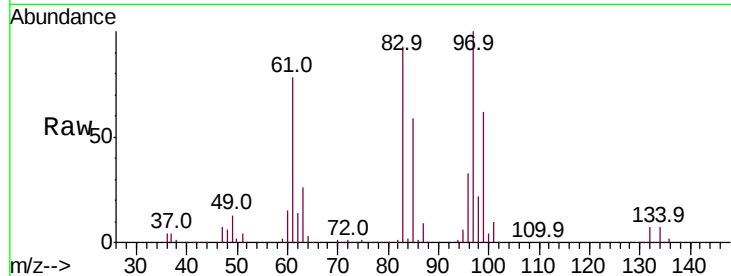


#47
 1,1,2-Trichloroethane
 Concen: 10.007 ppbv
 RT: 9.45 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:
 Ion Ratio
 97 100
 83 92.
 85 58.
 99 62.3 51.1 76.7

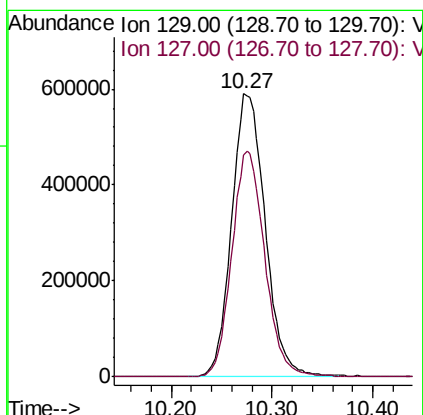
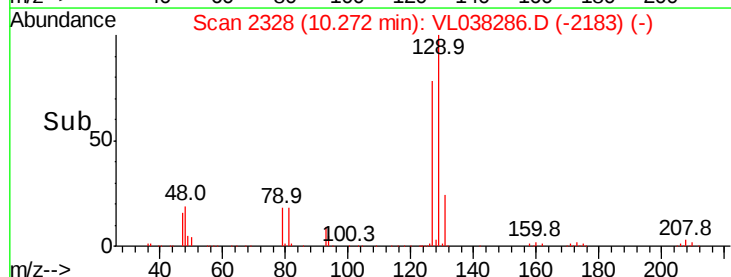
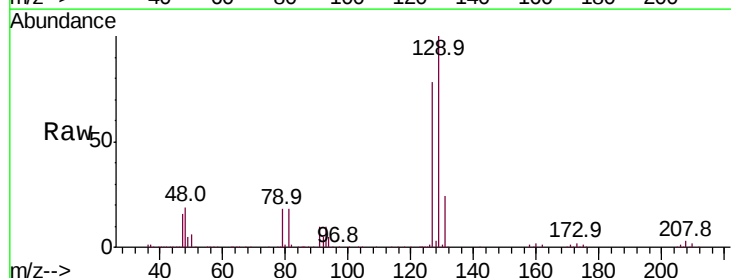
Manual Integrations
 APPROVED

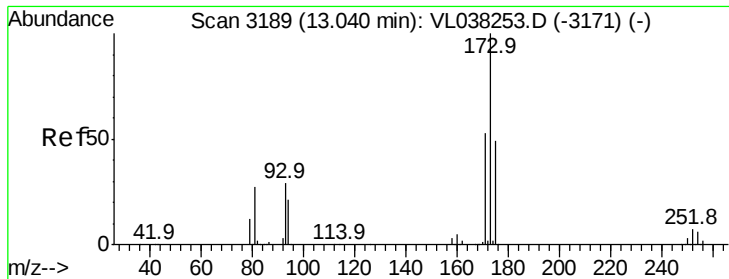
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#48
 Dibromochloromethane
 Concen: 10.322 ppbv
 RT: 10.27 min Scan# 2328
 Delta R.T. -0.04 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:129 Resp: 1365127
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.1 117.3





#49

Bromoform

Concen: 10.953 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:1

Ion Rati

173 100

175 49.

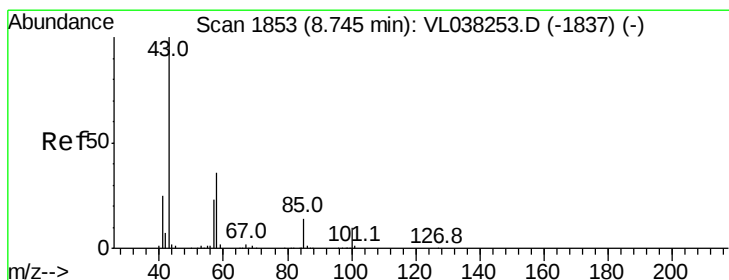
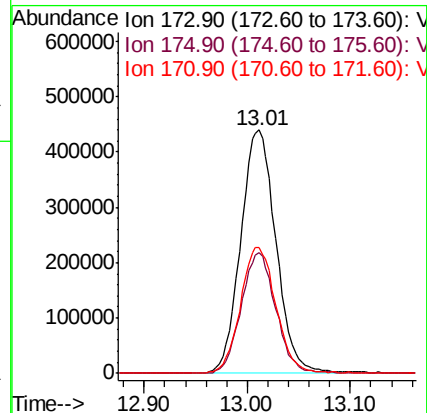
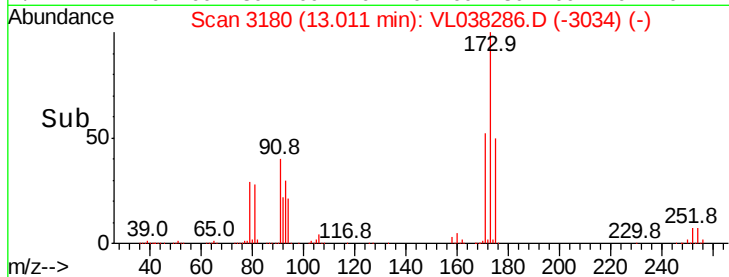
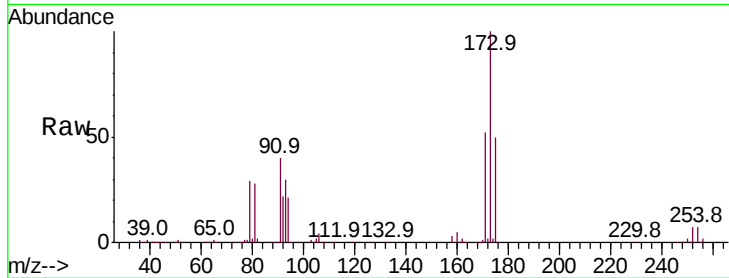
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#50

4-Methyl-2-Pentanone

Concen: 10.267 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. -0.03 min

Lab File: VL038286.D

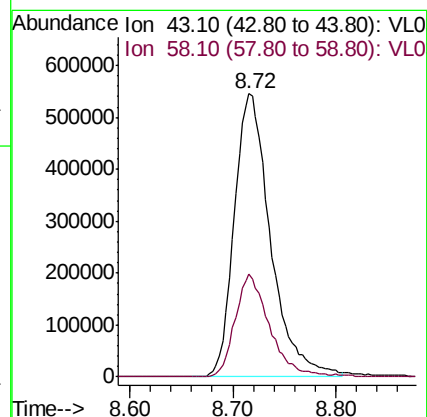
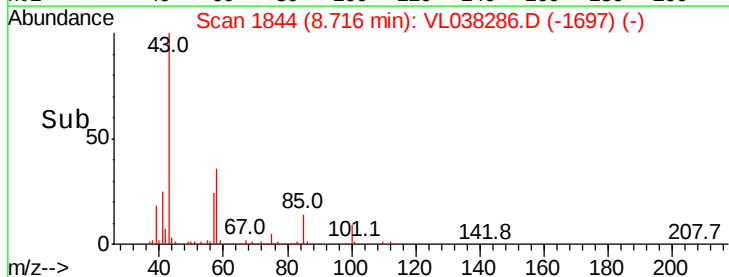
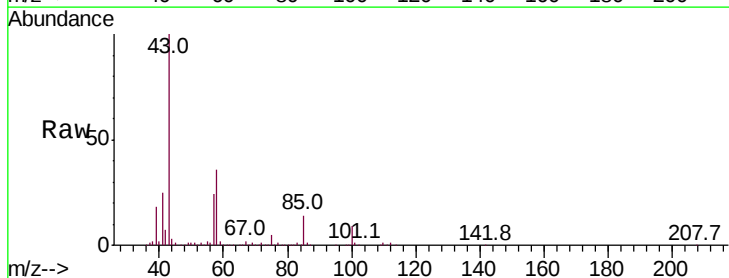
Acq: 26 Jan 2022 12:54

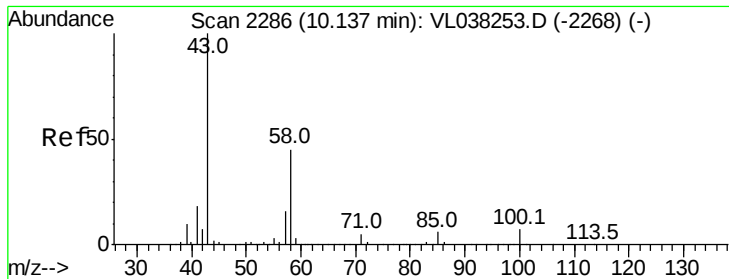
Tgt Ion: 43 Resp: 1335277

Ion Ratio Lower Upper

43 100

58 34.9 28.2 42.4



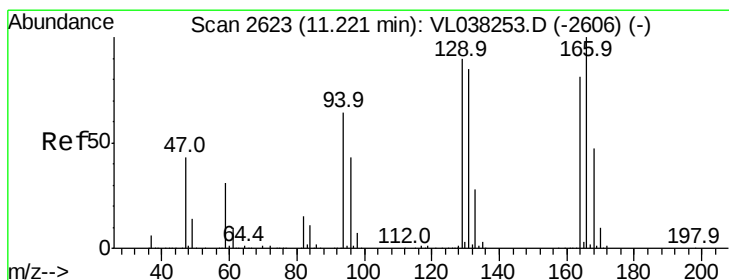
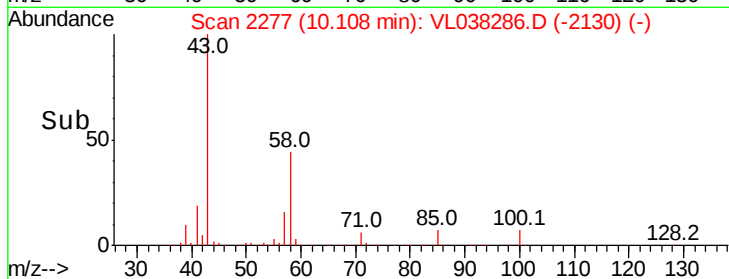
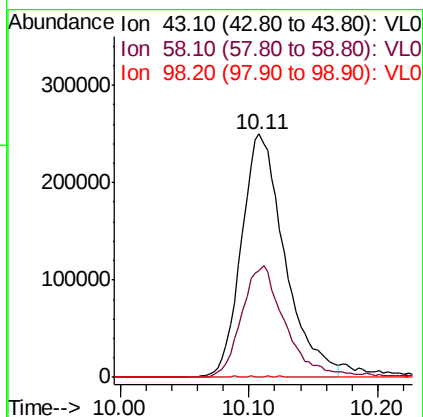
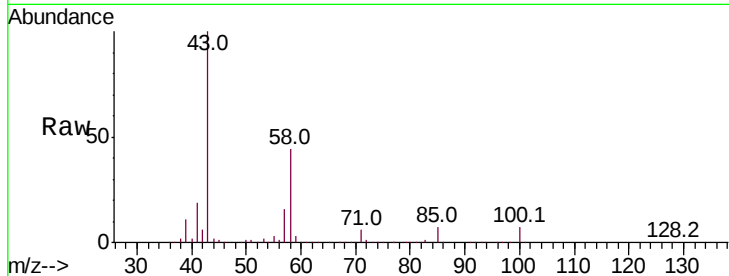


#51
2-Hexanone
Concen: 10.207 ppbv
RT: 10.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
43 100
58 47.
98 0.

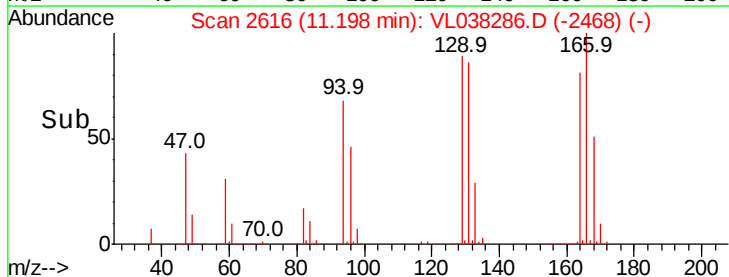
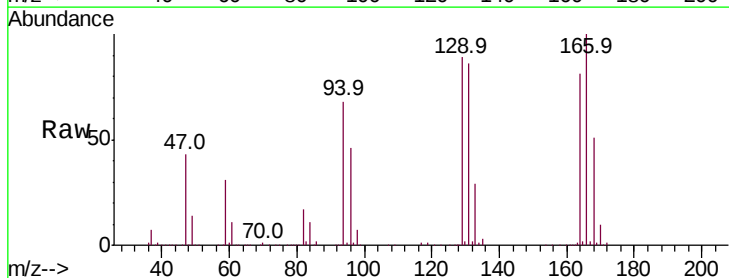
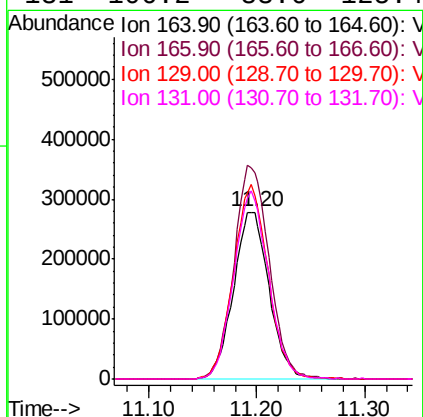
Manual Integrations
APPROVED

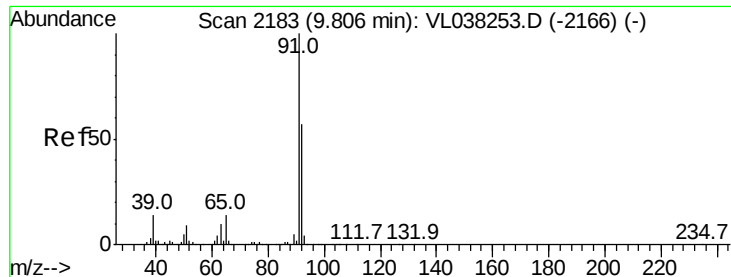
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Tetrachloroethene
Concen: 9.401 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.02 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion:164 Resp: 638918
Ion Ratio Lower Upper
164 100
166 123.7 98.8 148.2
129 109.6 89.2 133.8
131 106.2 83.6 125.4





#53

Toluene

Concen: 10.174 ppbv

RT: 9.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

91 100

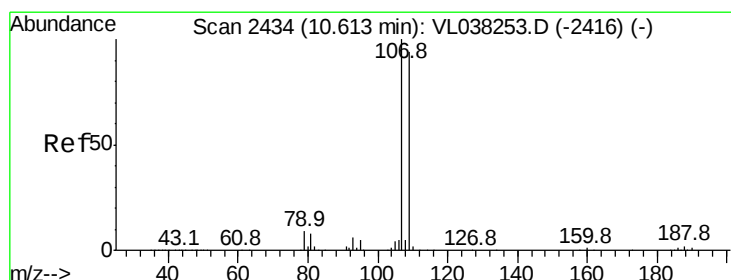
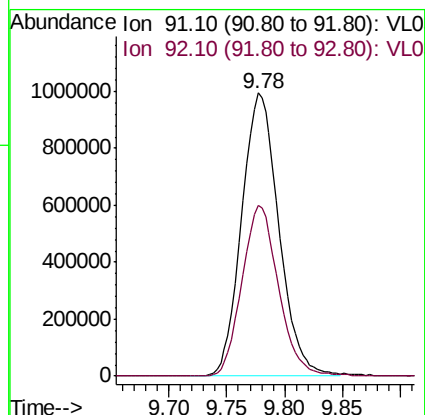
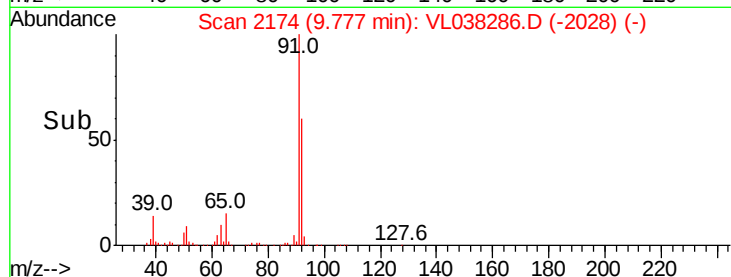
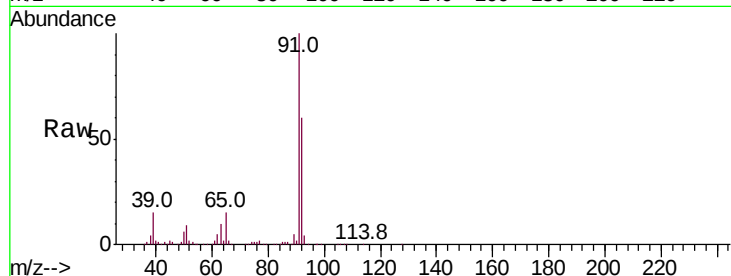
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#54

1,2-Dibromoethane

Concen: 10.429 ppbv

RT: 10.58 min Scan# 2425

Delta R.T. -0.03 min

Lab File: VL038286.D

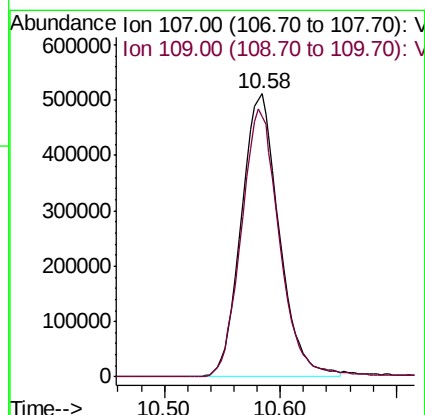
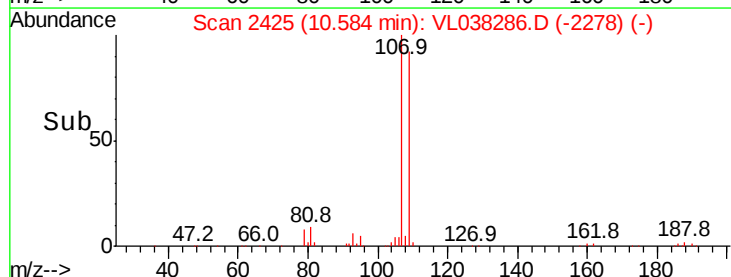
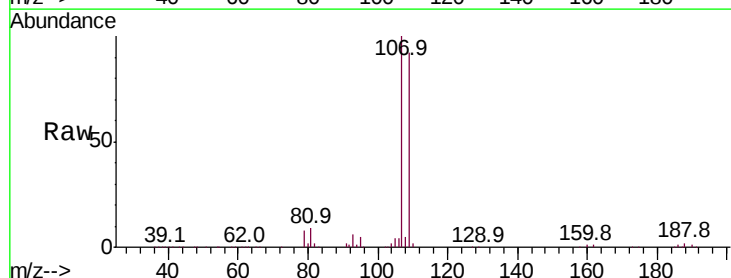
Acq: 26 Jan 2022 12:54

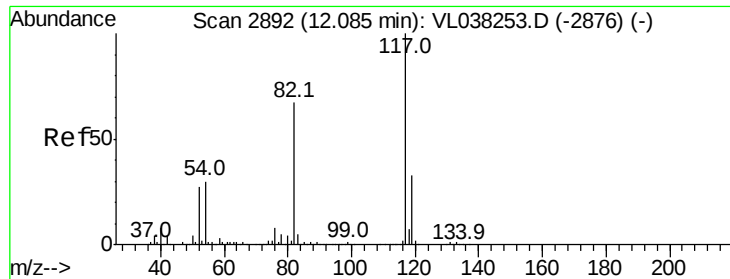
Tgt Ion:107 Resp: 1164757

Ion Ratio Lower Upper

107 100

109 92.2 75.4 113.0



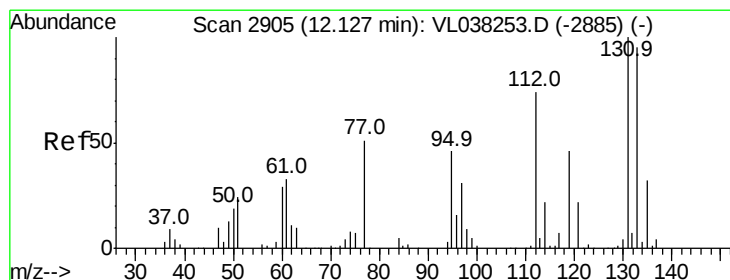
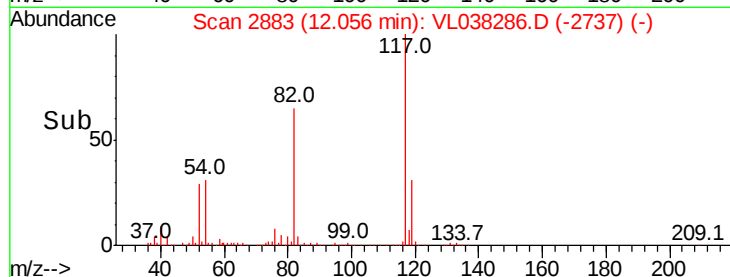
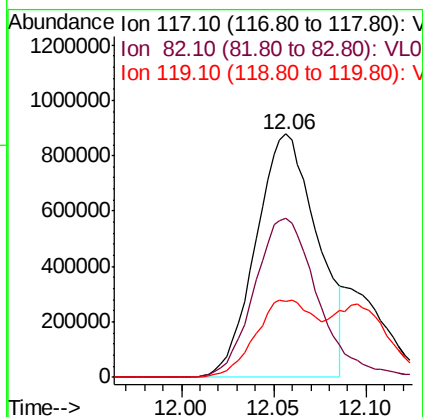
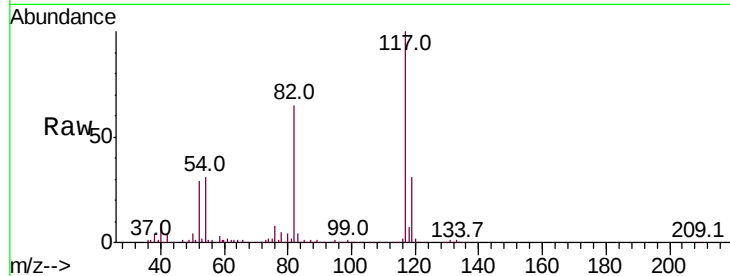


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion:1
Ion Rati
117 100
82 68.
119 30.

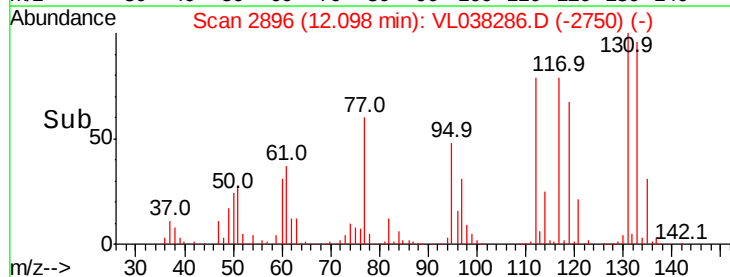
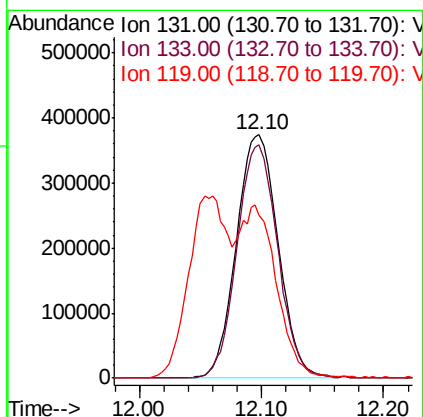
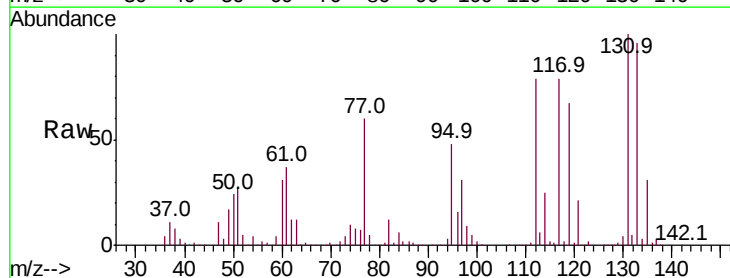
Manual Integrations
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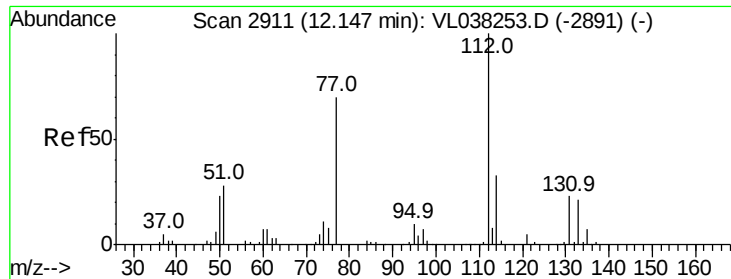
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.911 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion:131 Resp: 881981
Ion Ratio Lower Upper
131 100
133 94.3 76.0 114.0
119 69.8 53.0 79.4



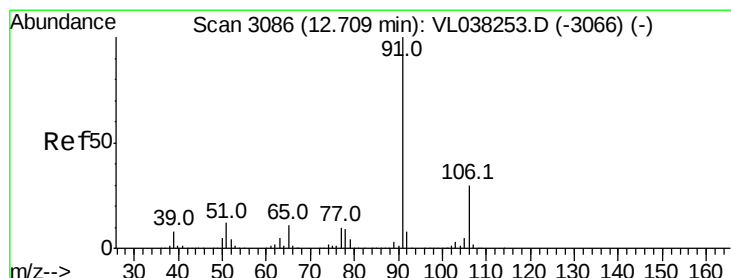
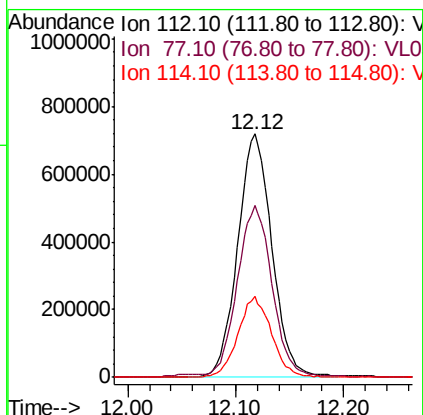
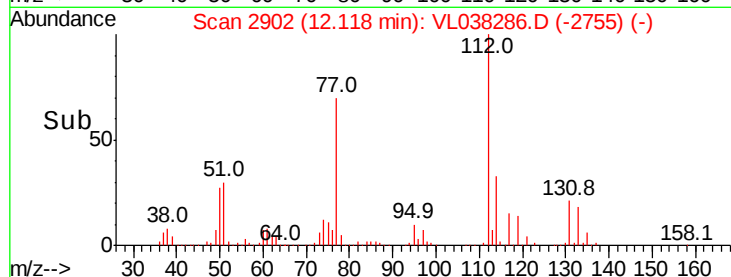
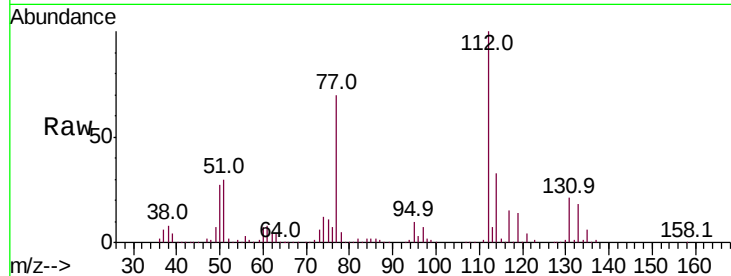


#57
Chlorobenzene
Concen: 9.780 ppbv
RT: 12.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion: 1
Ion Ratio
112 100
77 70.1
114 33.3

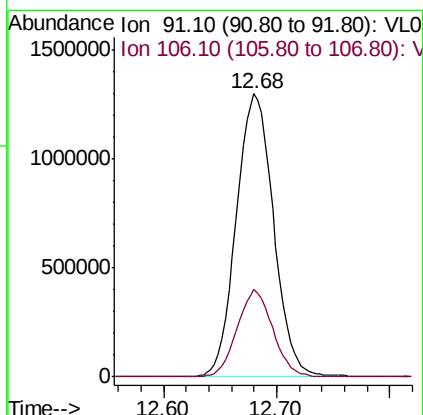
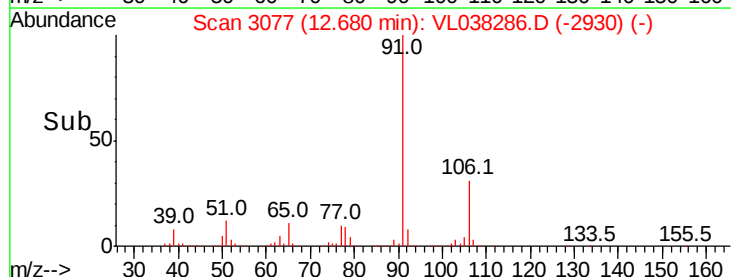
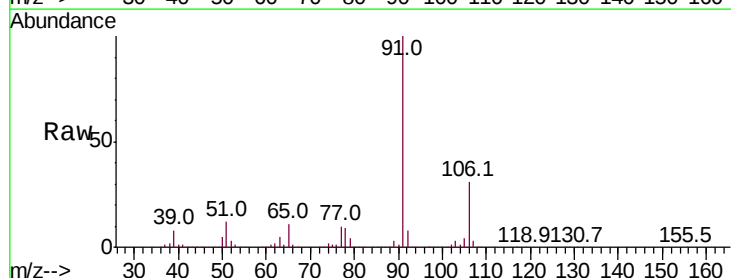
Manual Integrations
APPROVED

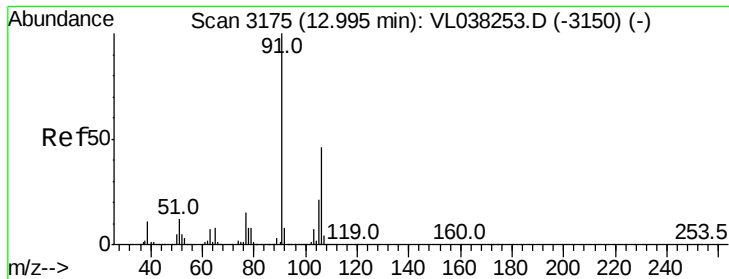
Reviewed By : Semsettin Yesilyurt 01/27/2022
Supervised By : Mahesh Dadoda 01/28/2022



#58
Ethyl Benzene
Concen: 9.959 ppbv
RT: 12.68 min Scan# 3077
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 91 Resp: 2976078
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



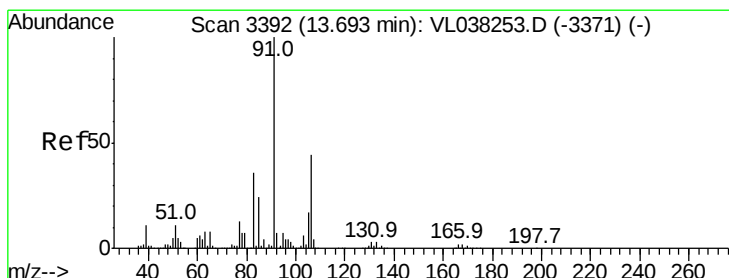
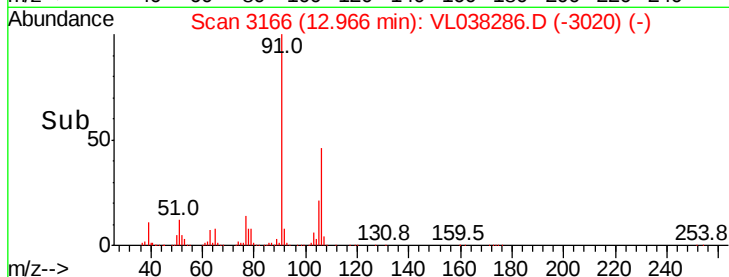
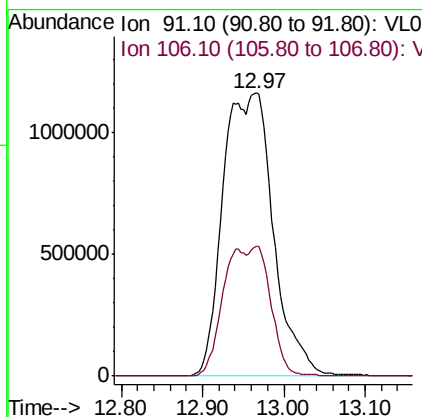
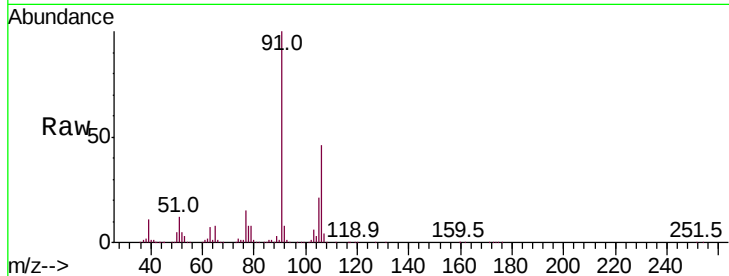


#59
m/p-Xylene
Concen: 19.718 ppbv m
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 26 Jan 2022 12:54

Tot Ion:
Ion Ratio
91 100
106 42.

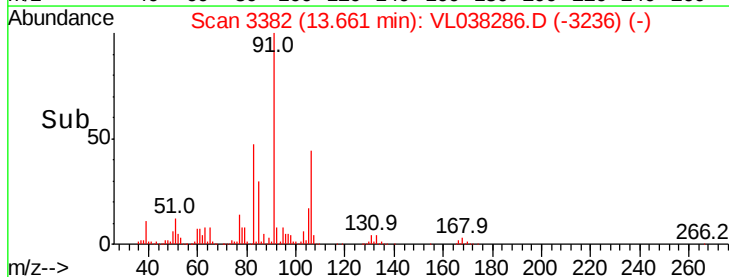
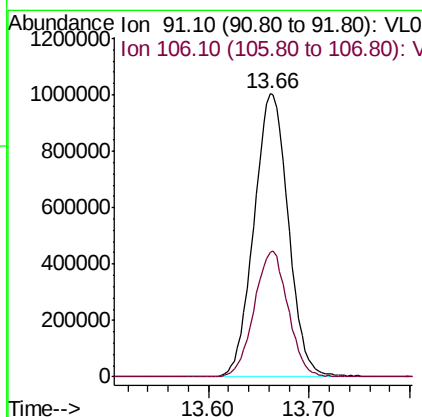
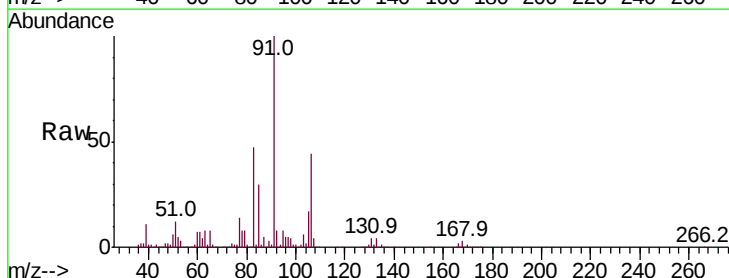
Manual Integrations
APPROVED

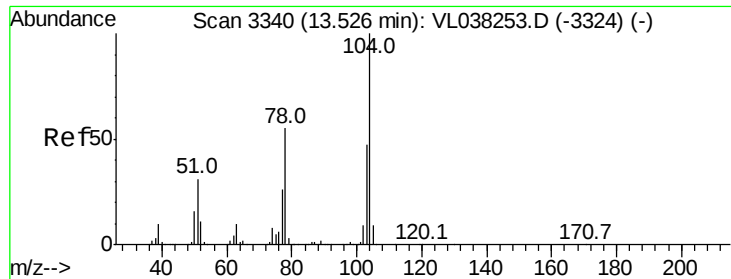
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
o-Xylene
Concen: 9.978 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 91 Resp: 2366027
Ion Ratio Lower Upper
91 100
106 44.0 22.2 66.6





#61

Stvrene

Concen: 11.279 ppbv

RT: 13.50

Delta R.T.

Lab File:

Acq: 26 Jan 2022

Instrument :

MSVOA_1

ClientSampleId :

VL0126ABS01

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022

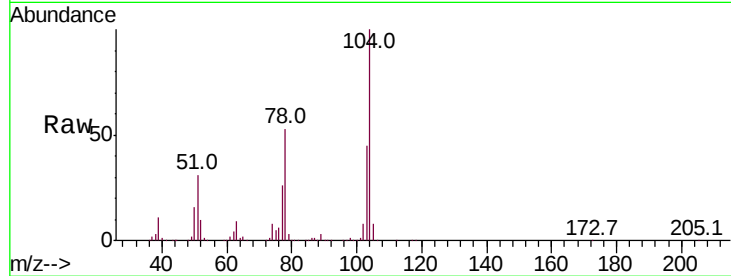
Tot Ion:1

Ion Rati

104 100

78 54.

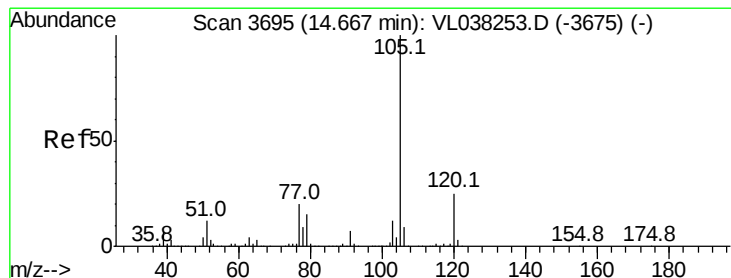
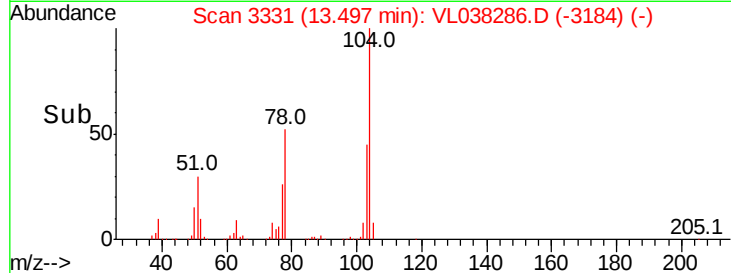
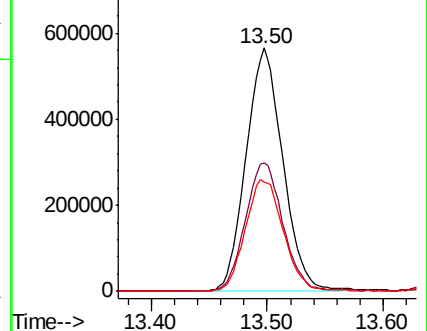
103 47.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.968 ppbv

RT: 14.64 min Scan# 3685

Delta R.T. -0.03 min

Lab File: VL038286.D

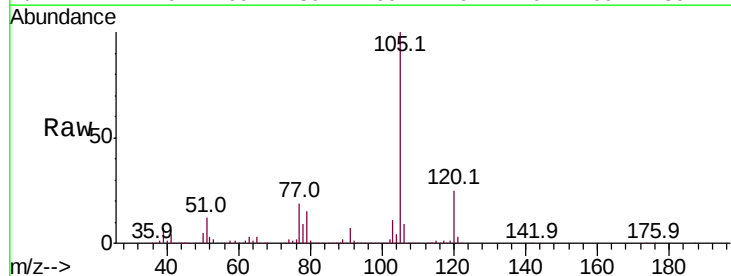
Acq: 26 Jan 2022 12:54

Tgt Ion:105 Resp: 3150832

Ion Ratio Lower Upper

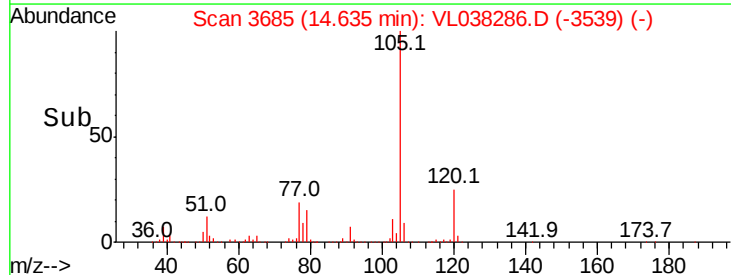
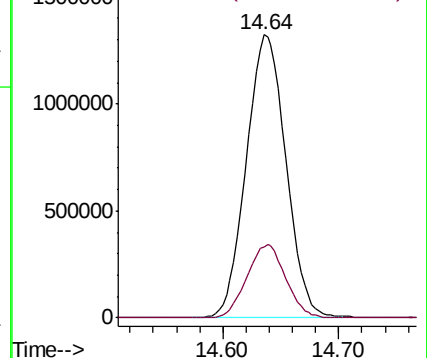
105 100

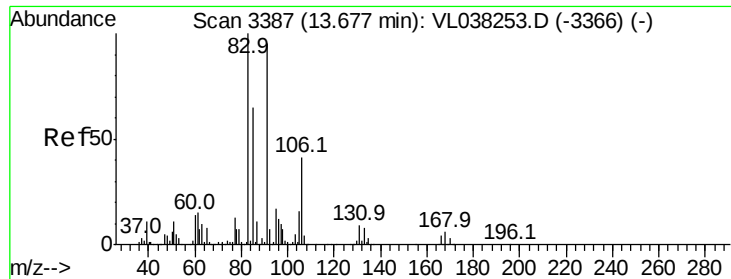
120 25.6 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 9.749 ppbv

RT: 13.64

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:

Ion Ratio

83 100

131 8.

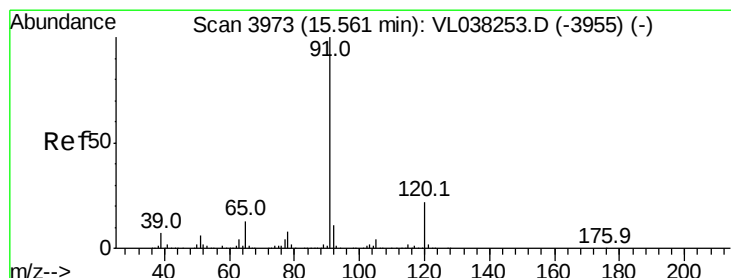
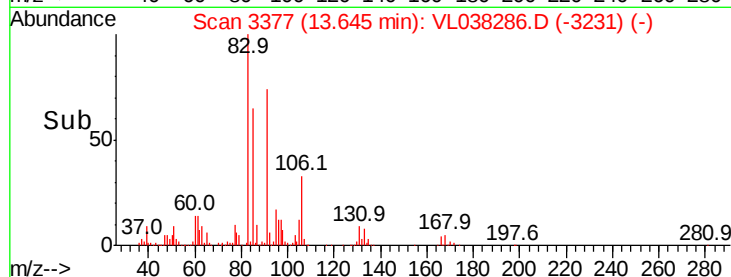
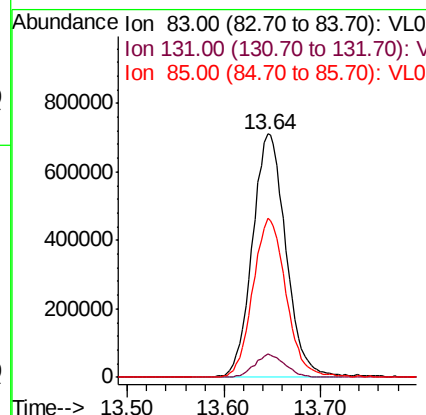
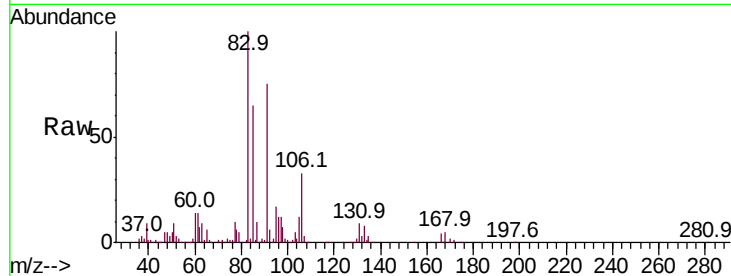
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#64

n-propylbenzene

Concen: 10.609 ppbv

RT: 15.53 min Scan# 3964

Delta R.T. -0.03 min

Lab File: VL038286.D

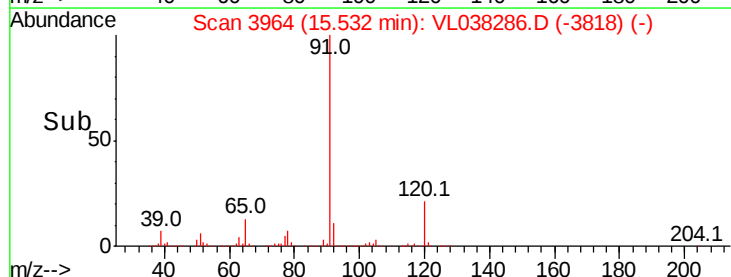
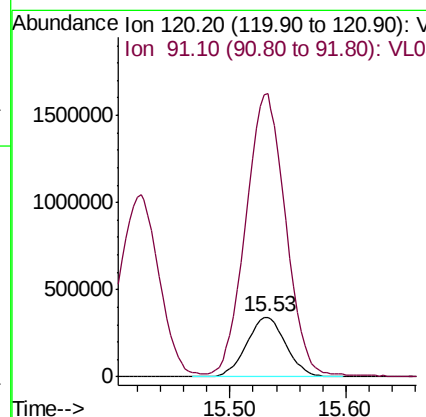
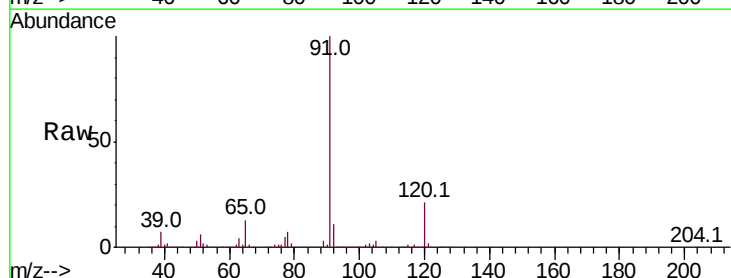
Acq: 26 Jan 2022 12:54

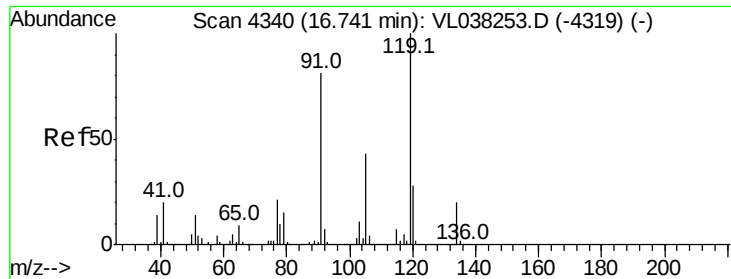
Tgt Ion:120 Resp: 806743

Ion Ratio Lower Upper

120 100

91 483.5 390.8 586.2



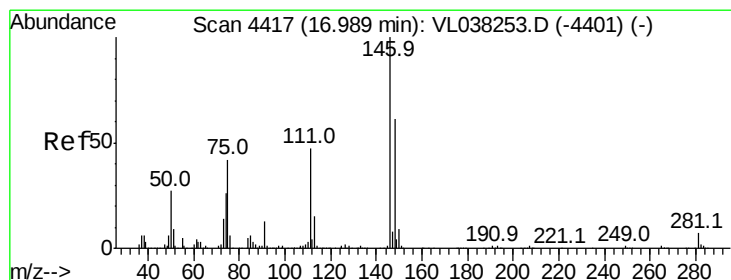
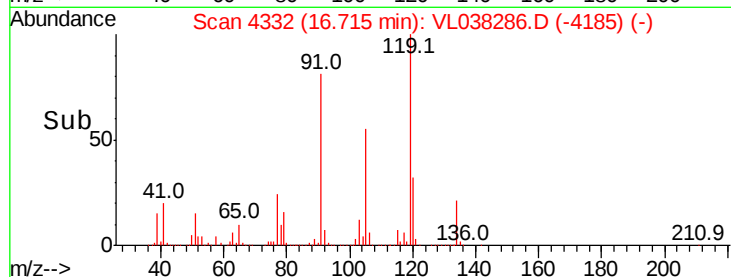
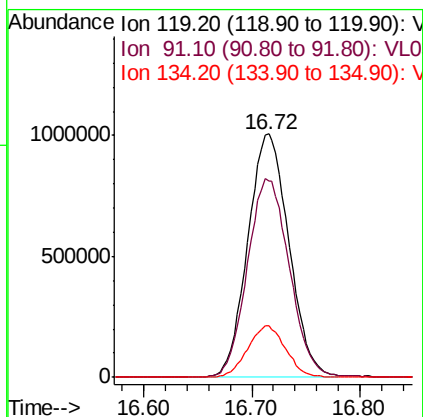
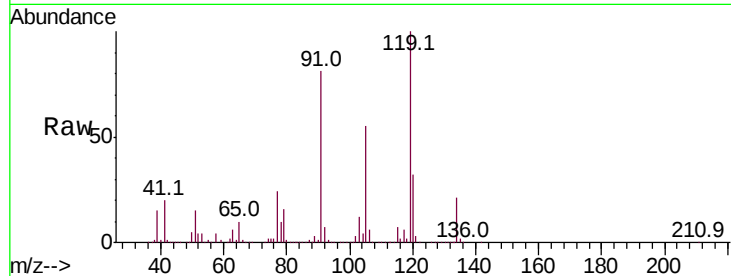


#65
tert-Butylbenzene
Concen: 10.224 ppbv
RT: 16.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0126ABS01
Acq: 26 Jan 2022 12:54

Tot Ion: 1
Ion Ratio
119 100
91 83.
134 19.

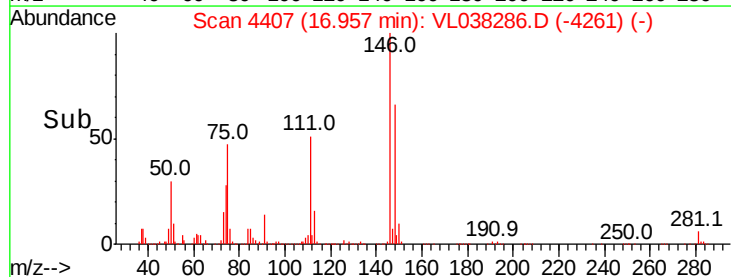
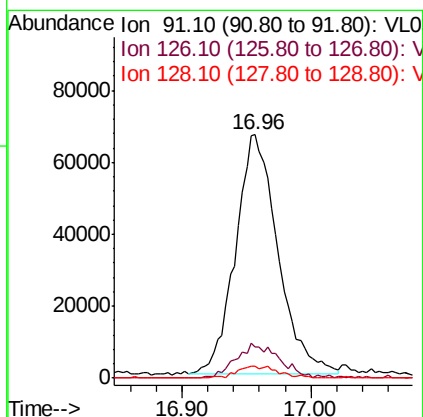
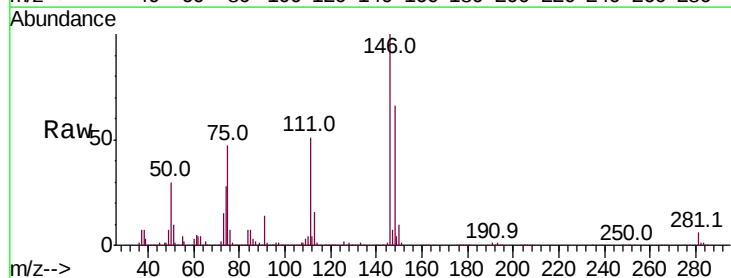
Manual Integrations
APPROVED

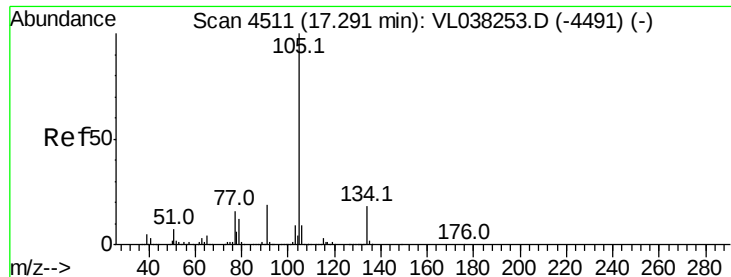
Reviewed By : Semsettin Yesilyurt 01/27/2022
Supervised By : Mahesh Dadoda 01/28/2022



#66
Benzyl Chloride
Concen: 12.887 ppbv
RT: 16.96 min Scan# 4407
Delta R.T.: -0.03 min
Lab File: VL038286.D
Acq: 26 Jan 2022 12:54

Tgt Ion: 91 Resp: 152415
Ion Ratio Lower Upper
91 100
126 14.9 12.6 18.8
128 5.1 4.3 6.5





#67

sec-Butylbenzene

Concen: 10.304 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:1

Ion Ratio

105 100

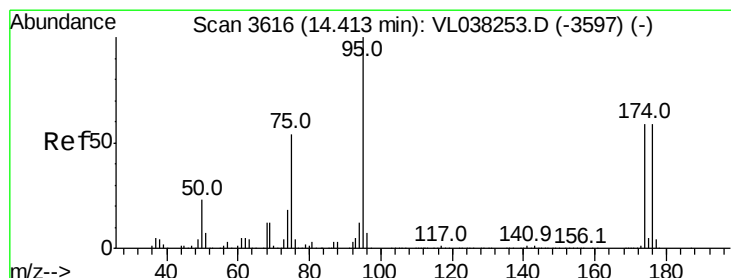
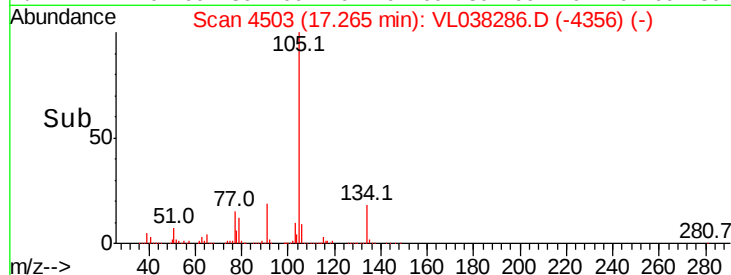
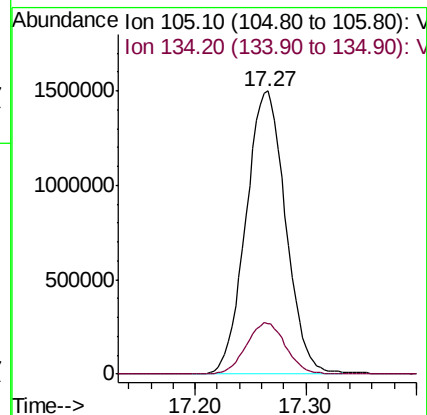
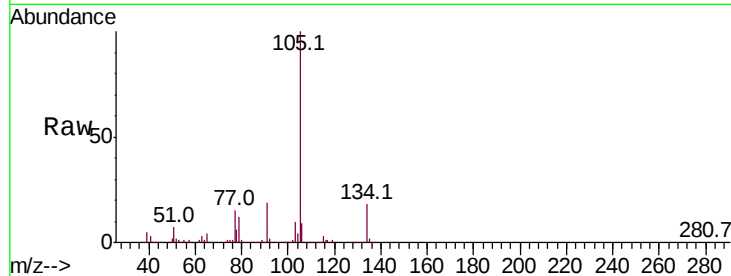
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.435 ppbv

RT: 14.38 min Scan# 3607

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

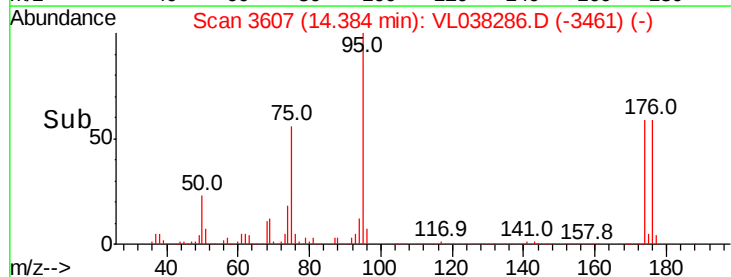
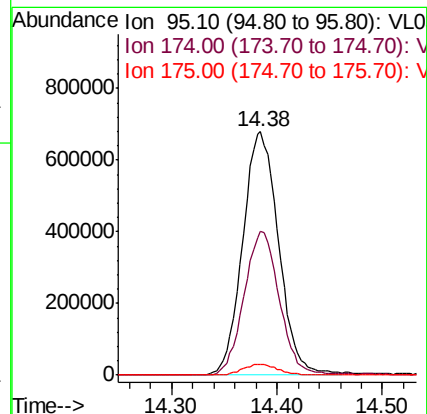
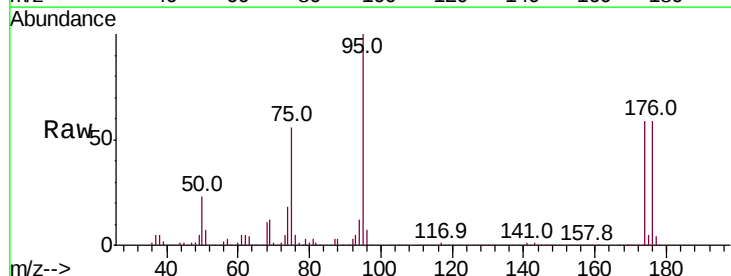
Tgt Ion: 95 Resp: 1610340

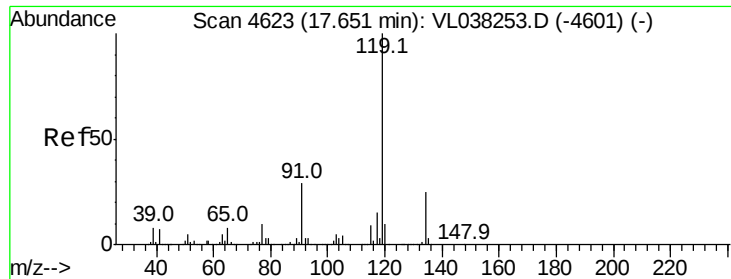
Ion Ratio Lower Upper

95 100

174 58.2 48.3 72.5

175 4.4 3.5 5.3



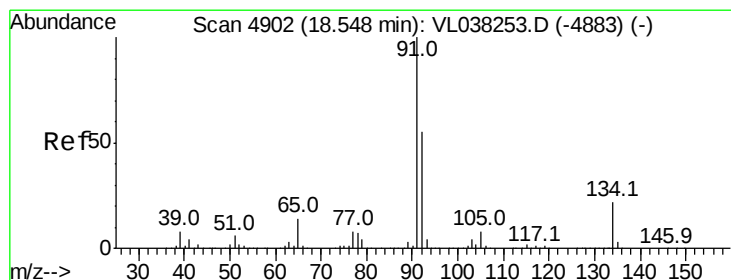
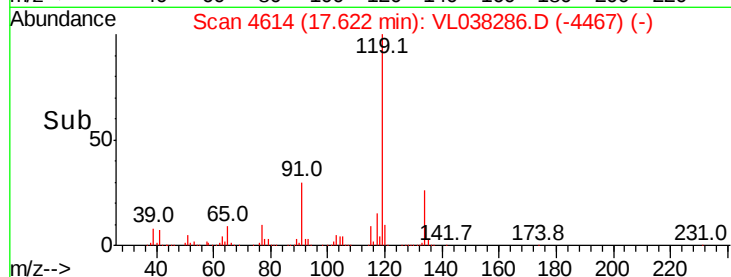
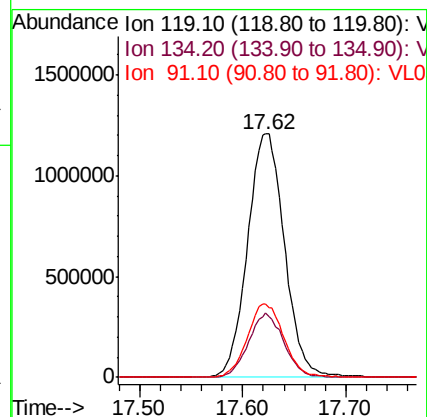
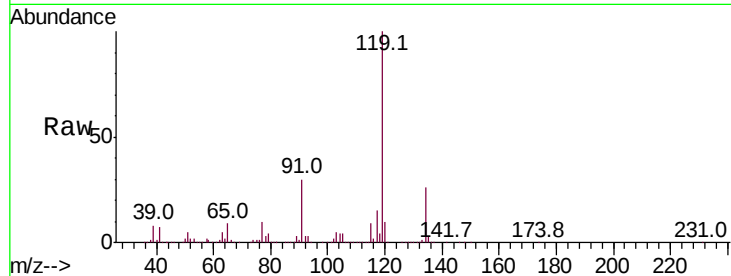


#69
 p-Isopropyltoluene
 Concen: 10.803 ppbv
 RT: 17.62 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

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

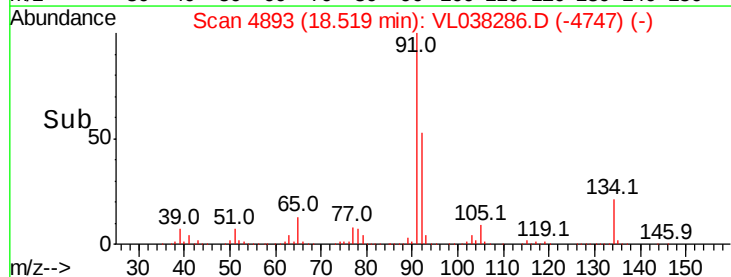
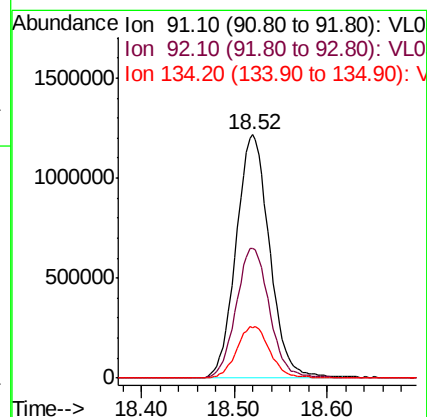
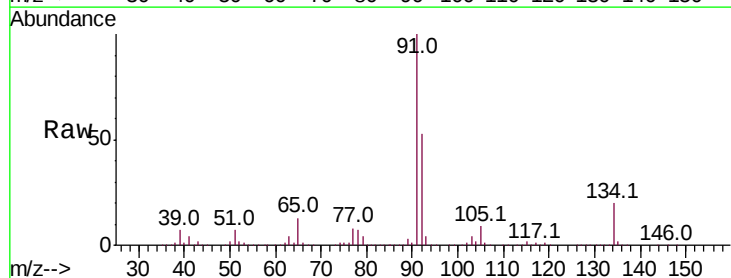
Manual Integrations
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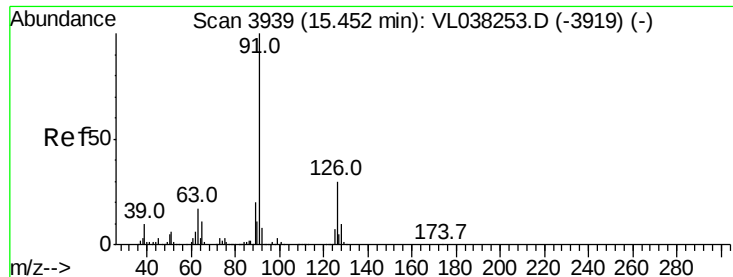
Reviewed By : Semsettin Yesilyurt 01/27/2022
 Supervised By : Mahesh Dadoda 01/28/2022



#70
 n-Butylbenzene
 Concen: 11.192 ppbv
 RT: 18.52 min Scan# 4893
 Delta R.T.: -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion: 91 Resp: 3038320
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.4 65.0
 134 21.3 17.3 25.9



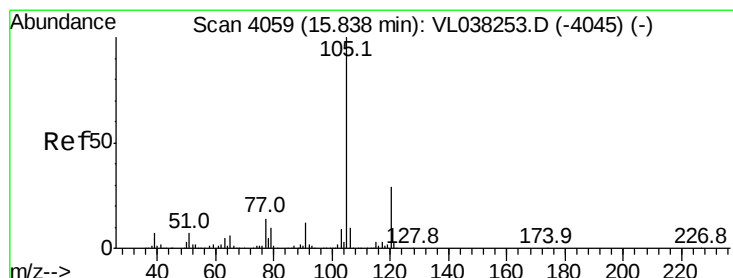
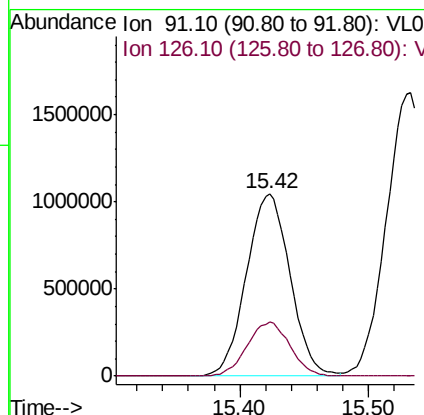
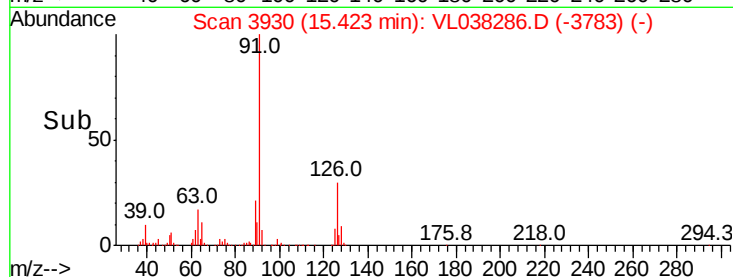
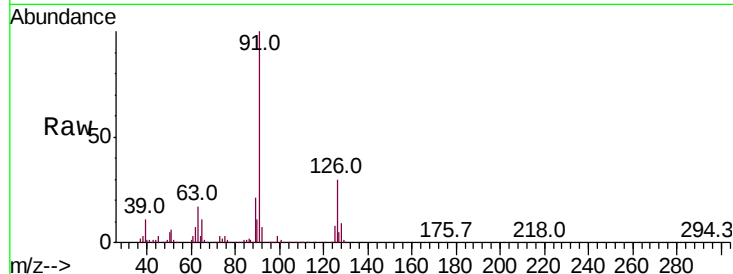


#71
 2-Chlorotoluene
 Concen: 10.511 ppbv
 RT: 15.42 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:
 Ion Ratio
 91 100
 126 29.

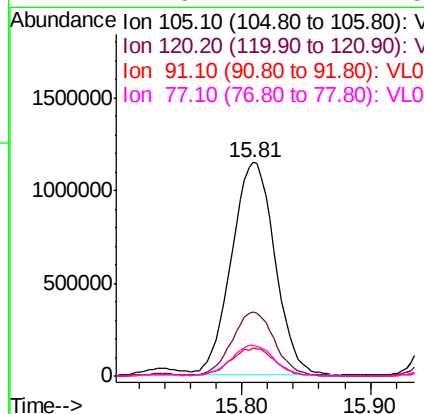
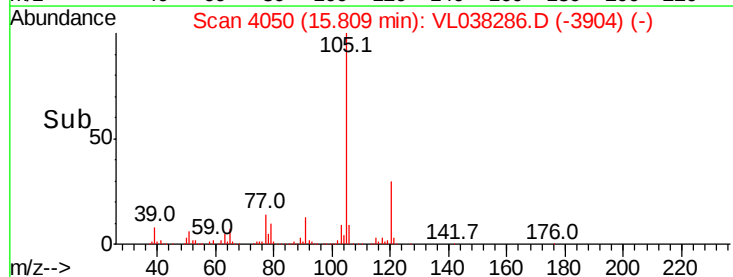
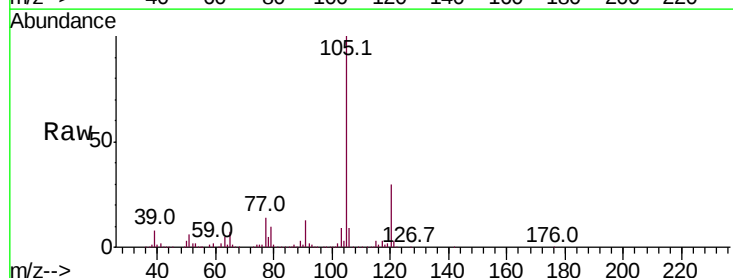
Manual Integrations
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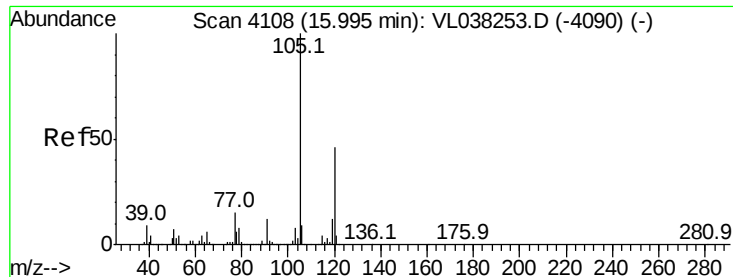
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#72
 4-Ethyltoluene
 Concen: 10.824 ppbv
 RT: 15.81 min Scan# 4050
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:105 Resp: 2684096
 Ion Ratio Lower Upper
 105 100
 120 29.7 23.8 35.8
 91 12.9 10.2 15.4
 77 14.6 11.7 17.5



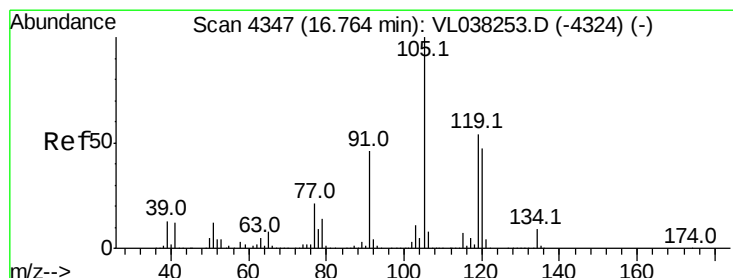
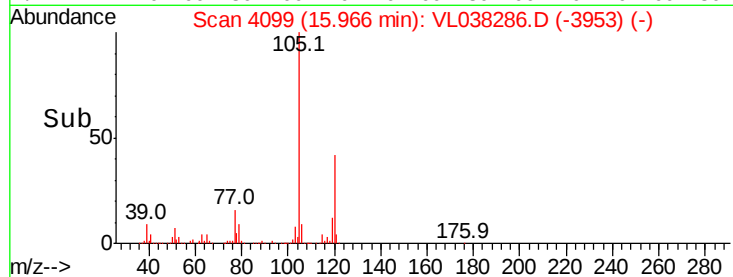
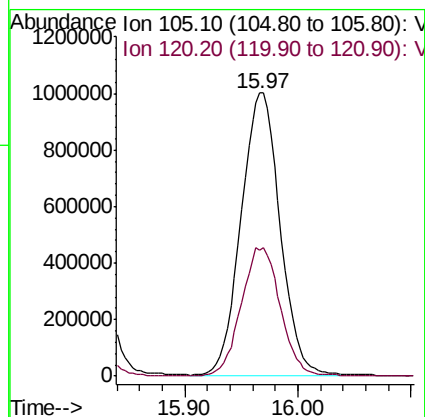
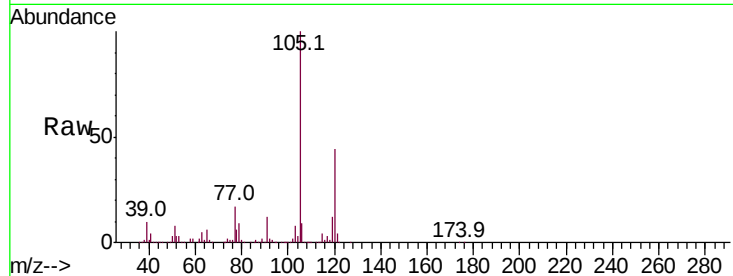


#73
 1,3,5-Trimethylbenzene
 Concen: 10.688 ppbv
 RT: 15.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:1
 Ion Rati
 105 100
 120 44.

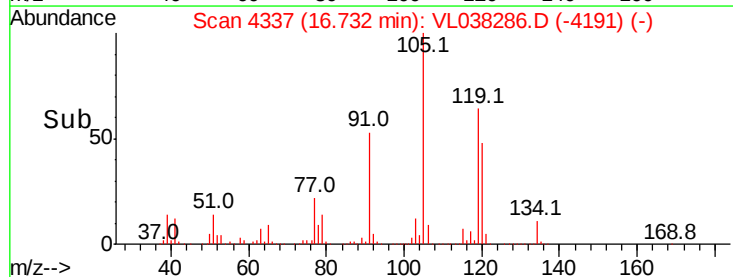
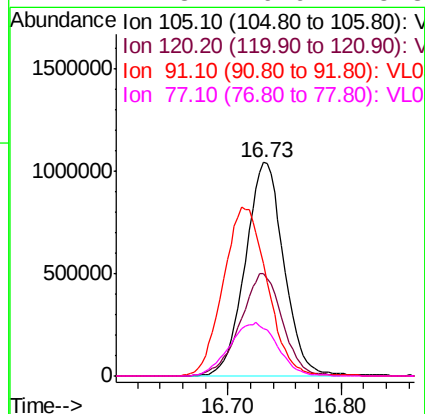
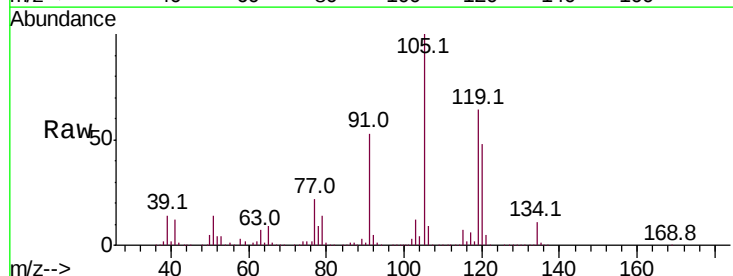
Manual Integrations
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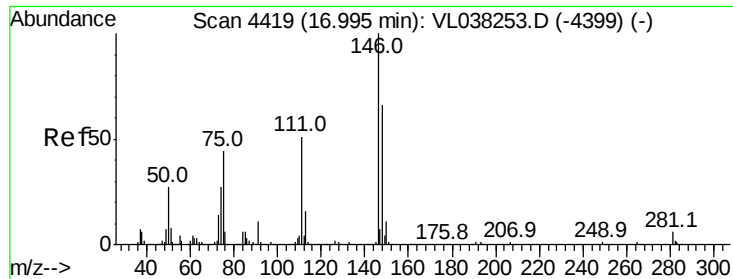
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.448 ppbv
 RT: 16.73 min Scan# 4337
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:105 Resp: 2454599
 Ion Ratio Lower Upper
 105 100
 120 47.9 37.2 55.8
 91 52.3 36.6 55.0
 77 22.3 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 10.785 ppbv

RT: 16.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 12:54

Tot Ion:1

Ion Rati

146 100

111 49.

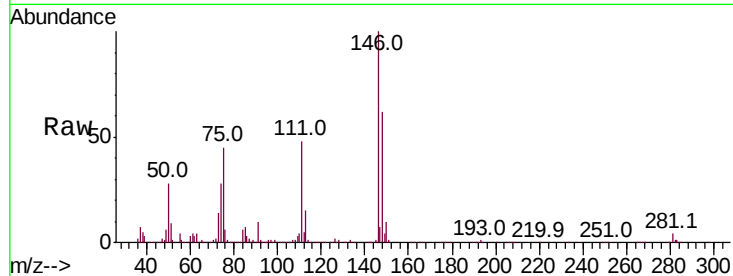
148 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

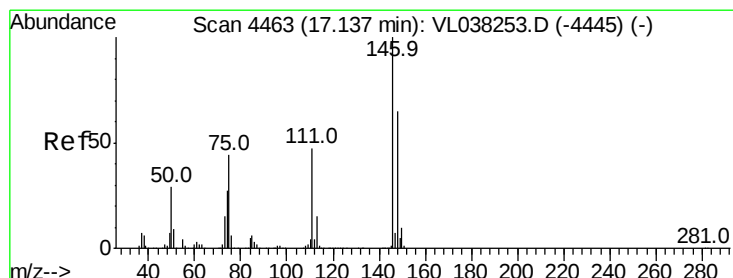
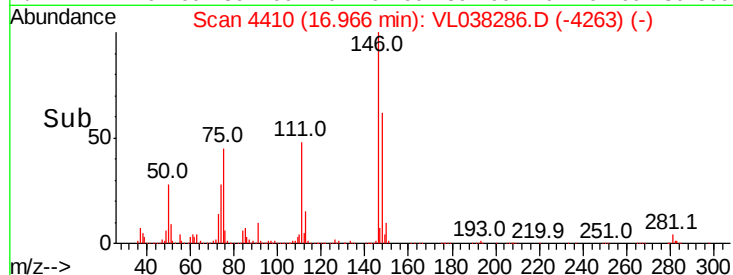
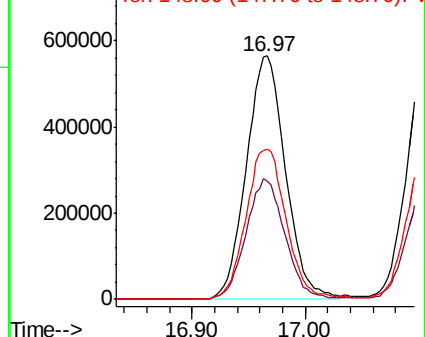
Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 10.832 ppbv

RT: 17.11 min Scan# 4454

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

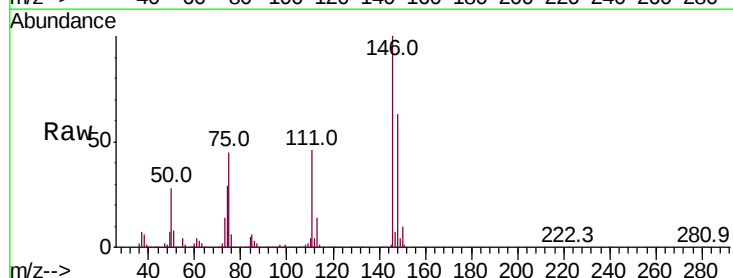
Tgt Ion:146 Resp: 1322022

Ion Ratio Lower Upper

146 100

111 48.3 23.2 69.6

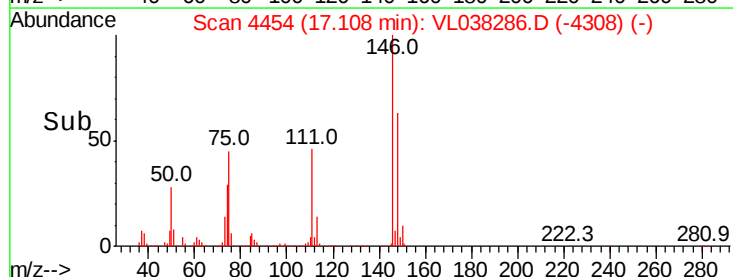
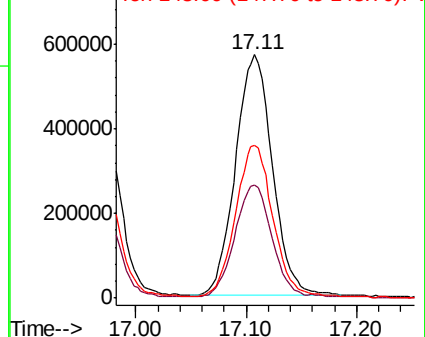
148 65.5 32.4 97.0

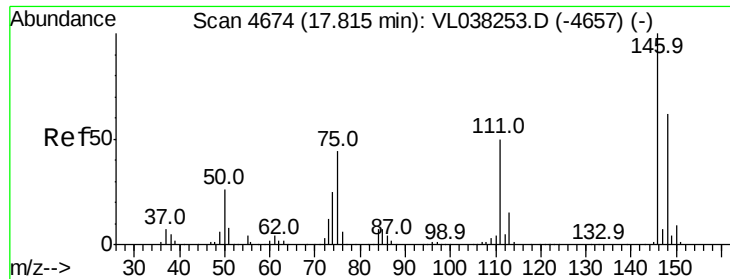


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



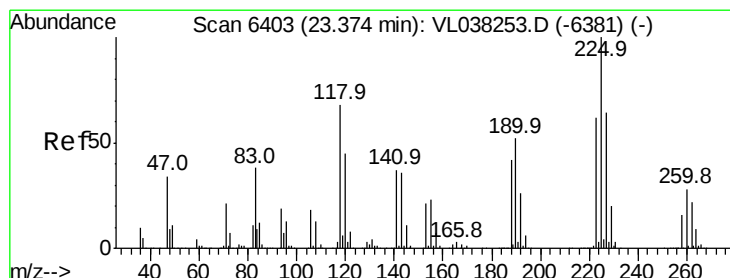
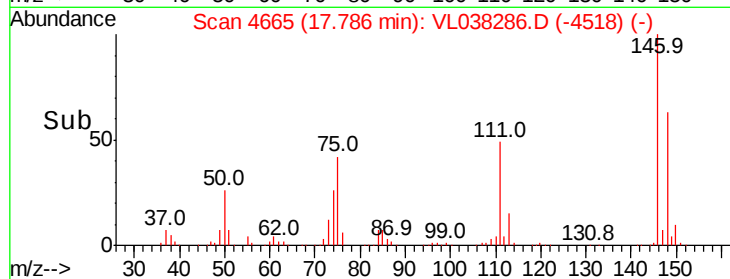
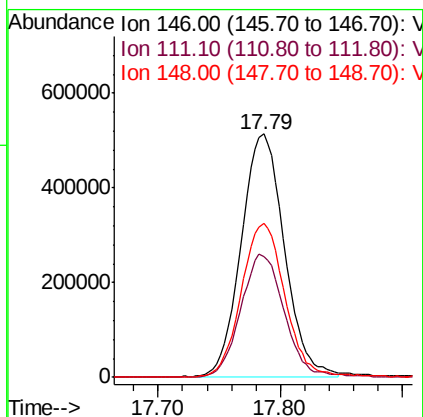
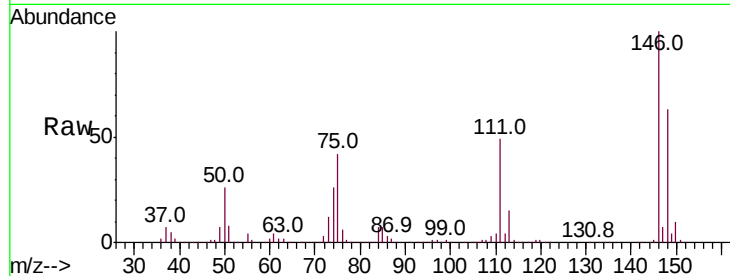


#77
 1,2-Dichlorobenzene
 Concen: 10.713 ppbv
 RT: 17.79
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0126ABS01
 Acq: 26 Jan 2022 12:54

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 64.

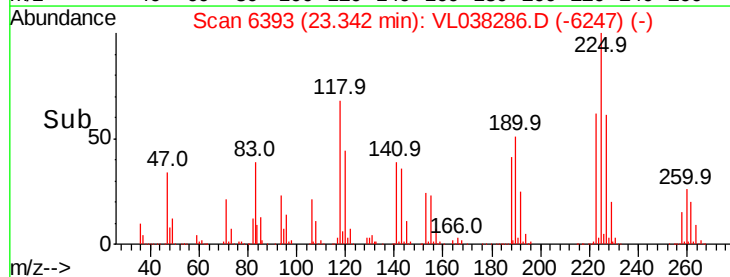
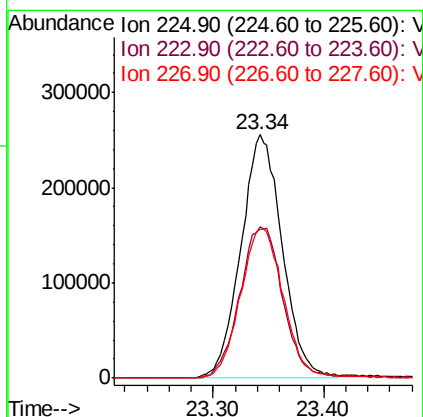
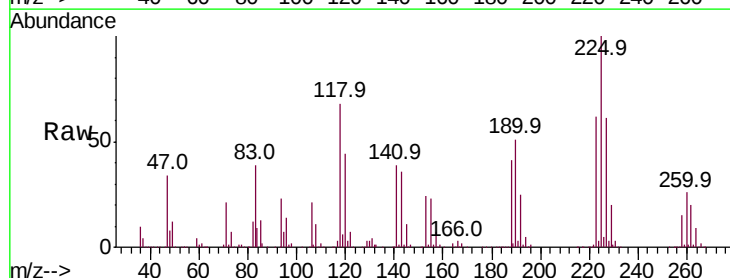
Manual Integrations
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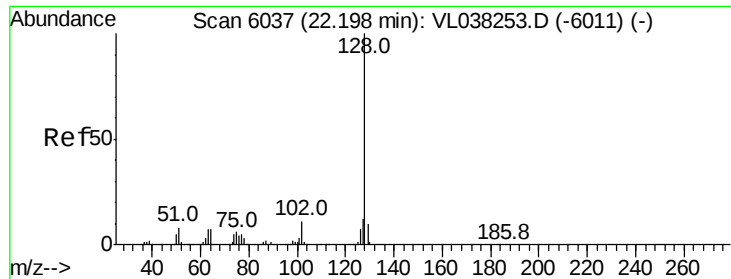
Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.160 ppbv
 RT: 23.34 min Scan# 6393
 Delta R.T. -0.03 min
 Lab File: VL038286.D
 Acq: 26 Jan 2022 12:54

Tgt Ion:225 Resp: 664311
 Ion Ratio Lower Upper
 225 100
 223 65.3 51.7 77.5
 227 63.8 51.4 77.0





#79

Naphthalene

Concen: 10.429 ppbv m

RT: 22.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 26 Jan 2022 12:54

Tot Ion:1

Ion Ratio

128 100

127 13.

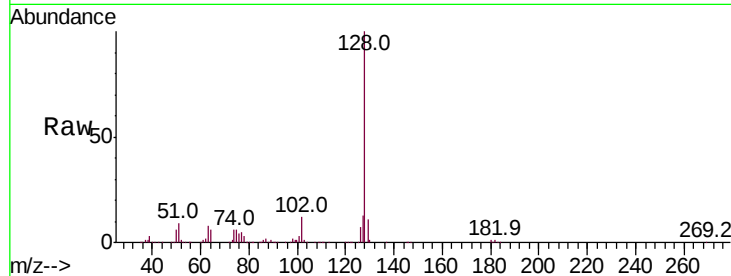
129 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



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

22.16

400000

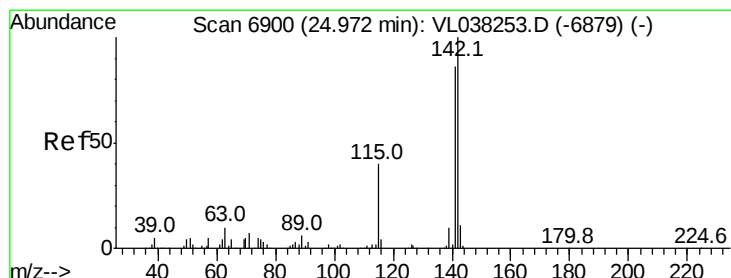
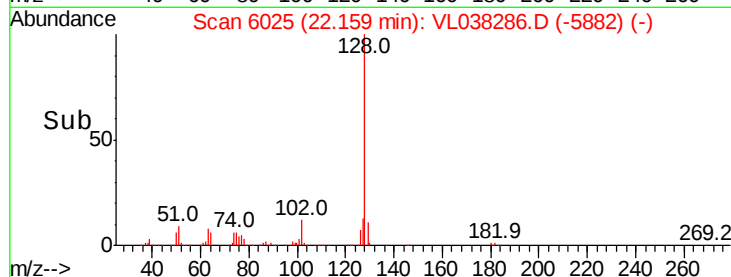
300000

200000

100000

0

Time-->



#80

Naphthalene, 2-methyl-

Concen: 17.813 ppbv

RT: 24.95 min Scan# 6892

Delta R.T. -0.03 min

Lab File: VL038286.D

Acq: 26 Jan 2022 12:54

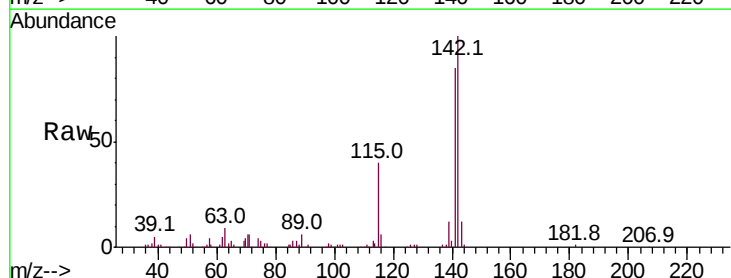
Tgt Ion:142 Resp: 212779

Ion Ratio Lower Upper

142 100

141 84.8 70.2 105.4

115 40.5 31.8 47.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

24.95

100000

80000

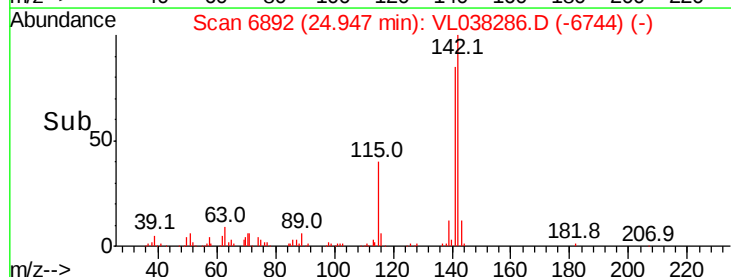
60000

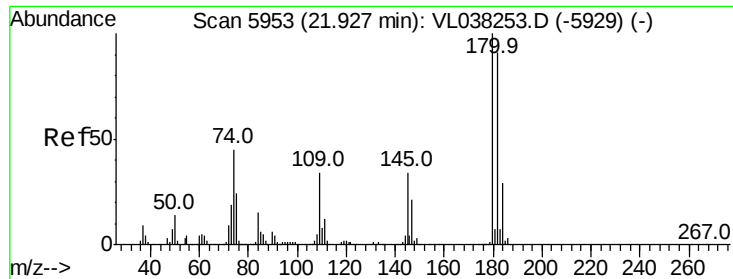
40000

20000

0

Time-->





#81
 1,2,4-Trichlorobenzene
 Concen: 9.743 ppbv m
 RT: 21.89
 Delta R.T
 Lab File: ClientSampleId :
 VL0126ABS01
 Acq: 26 Jan 2022 12:34

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

