

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102021\
 Data File : VL037886.D
 Acq On : 20 Oct 2021 14:02
 Operator : SY/AP
 Sample : VL1020ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1020ABS01

Manual Integrations
 APPROVED

Quant Time: Oct 25 11:48:33 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1198441	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3569971	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3536521m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2287847	9.25	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1870291	9.770	ppbv 99
3) Chlorodifluoromethane	2.99	51	2462384	10.693	ppbv 99
4) Chloromethane	3.14	50	947518	11.234	ppbv 99
5) Vinyl Chloride	3.26	62	920676	11.908	ppbv 98
6) Bromomethane	3.47	94	444416	10.626	ppbv 94
7) Chloroethane	3.56	64	297100	10.451	ppbv 99
8) Dichlorotetrafluoroethane	3.19	85	2095714	11.077	ppbv 99
9) Propene	3.01	41	876215	10.341	ppbv 99
10) Heptane	8.12	43	2318964	12.051	ppbv 99
11) Trichlorofluoromethane	3.95	101	1869651	10.947	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1394487	10.776	ppbv 99
13) Ethanol	3.61	45	65775	9.493	ppbv 91
14) Bromoethene	3.74	108	641980	11.283	ppbv 94
15) Acetone	3.85	43	1322631	12.294	ppbv 98
16) 1,3-Butadiene	3.33	39	869934	11.113	ppbv 98
17) tert-Butyl alcohol	4.29	59	1234976	11.146	ppbv 99
18) 1,1-Dichloroethene	4.29	96	643192	10.937	ppbv 96
19) Isopropyl Alcohol	3.96	45	674969	10.085	ppbv # 94
20) Methylene Chloride	4.34	84	516376	9.499	ppbv 99
21) Allyl Chloride	4.41	41	1019058	10.692	ppbv 99
22) trans-1,2-Dichloroethene	4.88	96	658482	11.137	ppbv 98
23) Vinyl Acetate	5.07	43	1710543	10.610	ppbv 99
24) 1,1-Dichloroethane	5.01	63	1309653	11.159	ppbv 99
25) Ethyl Acetate	5.67	43	3442194	11.402	ppbv 100
26) Hexane	5.69	57	1629871	10.964	ppbv 98
27) Carbon Disulfide	4.55	76	1600258	12.147	ppbv 99
28) Methyl tert-Butyl Ether	5.03	73	1279379	10.337	ppbv 98
29) Chloroform	5.75	83	2345717	11.039	ppbv 97
30) Cyclohexane	7.13	84	1377363	10.926	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	1493669	11.068	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	2213221	10.986	ppbv 100
34) 2-Butanone	5.25	43	1488375	10.327	ppbv 98
35) Carbon Tetrachloride	7.02	117	2316404	11.425	ppbv 100
36) Benzene	6.89	78	3394713	11.133	ppbv 98
37) 1,2-Dichloroethane	6.31	62	1611993	11.227	ppbv 100
38) Trichloroethene	7.83	130	1355657	11.253	ppbv 97
39) 1,2-Dichloropropane	7.61	63	1298281	11.319	ppbv 96
40) 1,4-Dioxane	7.84	88	255866m	8.915	ppbv
41) Tetrahydrofuran	6.05	42	787015	11.152	ppbv 98
42) Bromodichloromethane	7.79	83	2448238	11.609	ppbv 100
43) Methyl Methacrylate	8.01	69	1223125	12.281	ppbv 98

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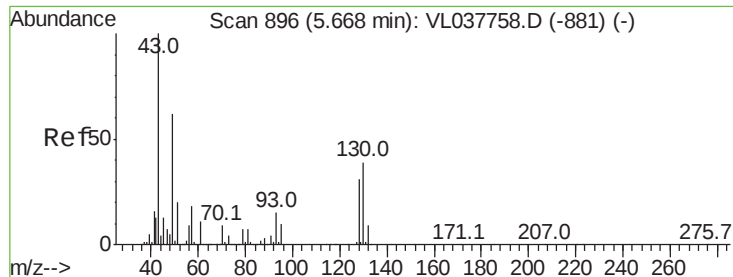
Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 11/09/2021

Quant Time: Oct 25 11:48:33 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5778924	11.280	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	786299	11.474	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1112025	11.707	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1397446	11.208	ppbv	98
48) Dibromochloromethane	10.30	129	2183125	12.282	ppbv	99
49) Bromoform	13.04	173	1769454	13.010	ppbv	95
50) 4-Methyl-2-Pentanone	8.74	43	2298748	12.252	ppbv	100
51) 2-Hexanone	10.13	43	1050973	12.548	ppbv #	99
52) Tetrachloroethene	11.22	164	1244986	10.494	ppbv	96
53) Toluene	9.80	91	3986642	11.797	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1923952	11.423	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1537915	10.505	ppbv	93
57) Chlorobenzene	12.15	112	3019283	10.407	ppbv	98
58) Ethyl Benzene	12.71	91	5096459	10.732	ppbv	100
59) m/p-Xylene	12.99	91	8734762m	21.428	ppbv	
60) o-Xylene	13.69	91	4116069	10.536	ppbv	99
61) Styrene	13.52	104	2202280	11.655	ppbv	100
62) Isopropylbenzene	14.66	105	5695835	10.453	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	3029905	10.051	ppbv	99
64) n-propylbenzene	15.56	120	1511768	11.126	ppbv	97
65) tert-Butylbenzene	16.74	119	5080453	10.595	ppbv	99
66) Benzyl Chloride	16.98	91	245551	10.376	ppbv #	99
67) sec-Butylbenzene	17.29	105	7150543	10.904	ppbv	99
69) p-Isopropyltoluene	17.65	119	6039541	11.391	ppbv	100
70) n-Butylbenzene	18.54	91	6007781	11.928	ppbv	99
71) 2-Chlorotoluene	15.45	91	4178796	10.860	ppbv	99
72) 4-Ethyltoluene	15.83	105	5013674	11.303	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4592655	11.398	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	4739567	11.202	ppbv	95
75) 1,3-Dichlorobenzene	16.99	146	2945760	11.237	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2909443	11.635	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2845489	11.300	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	2066926	10.053	ppbv	99
79) Naphthalene	22.19	128	3457989	13.345	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	823170	11.831	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	2110867m	12.737	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

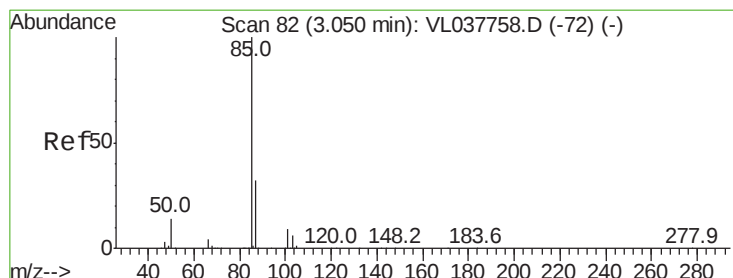
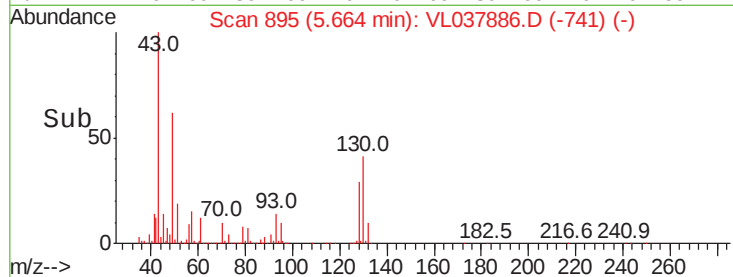
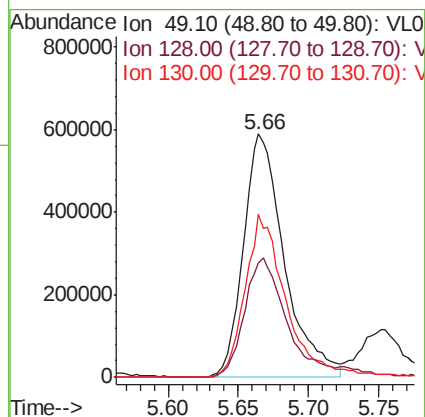
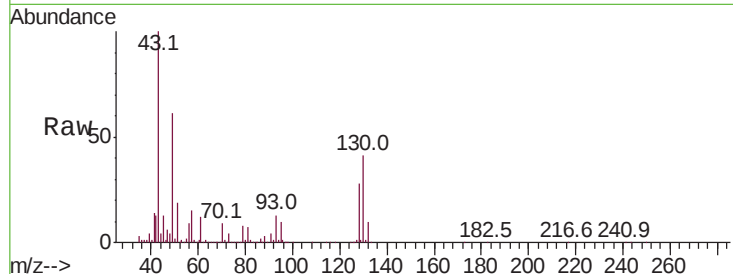
Lab File: VL1020ABS01

Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
49 100
128 53.
130 68.

Manual Integrations
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Supervised By :Mahesh Dadoda 11/09/2021



#2

Dichlorodifluoromethane

Concen: 9.770 ppbv

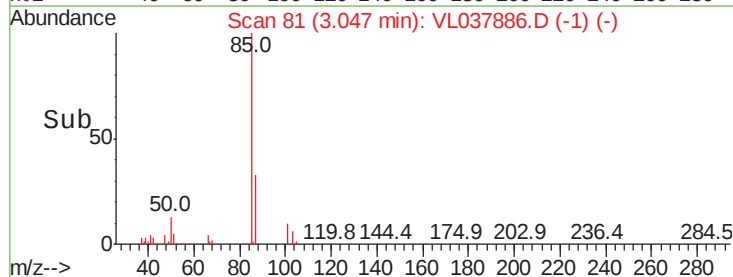
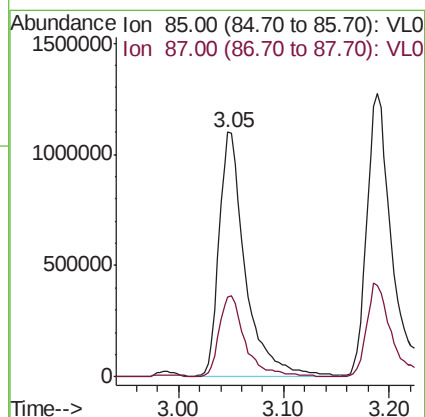
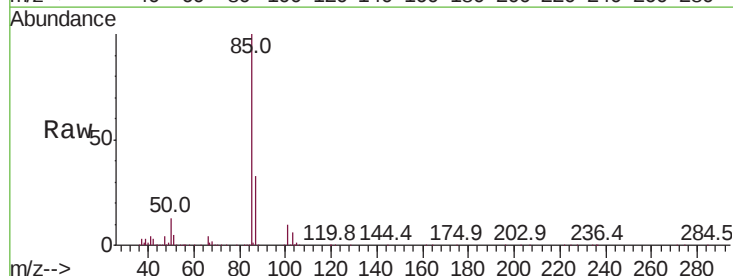
RT: 3.05 min Scan# 81

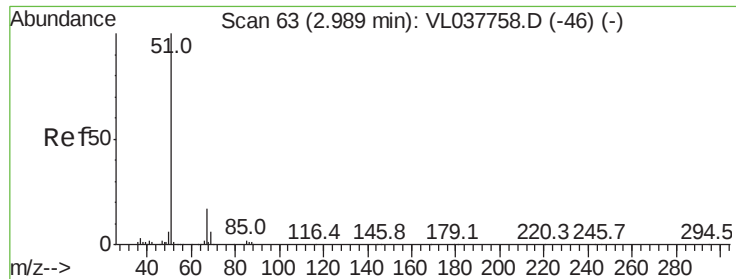
Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion: 85 Resp: 1870291
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.693 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02 VL1020ABS01

Tot Ion:

Ion Ratio

51 100

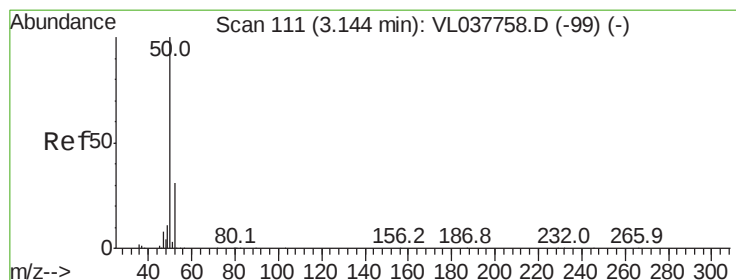
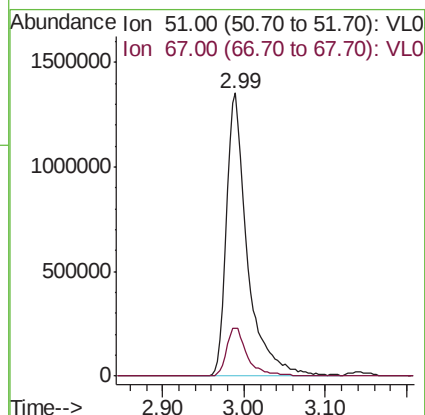
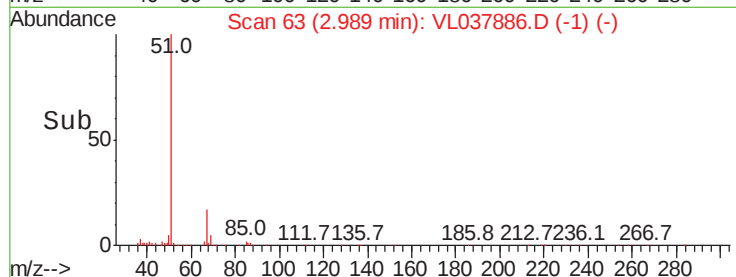
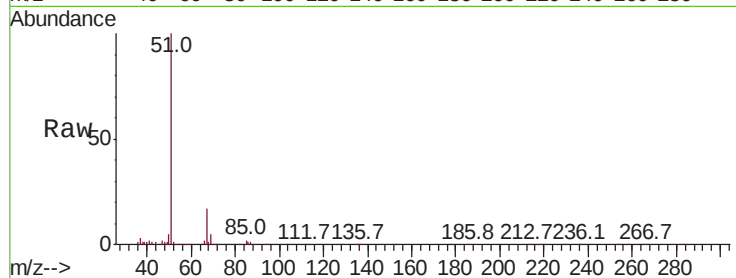
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/09/2021



#4

Chloromethane

Concen: 11.234 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037886.D

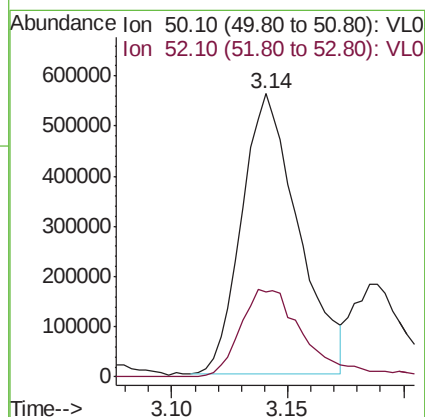
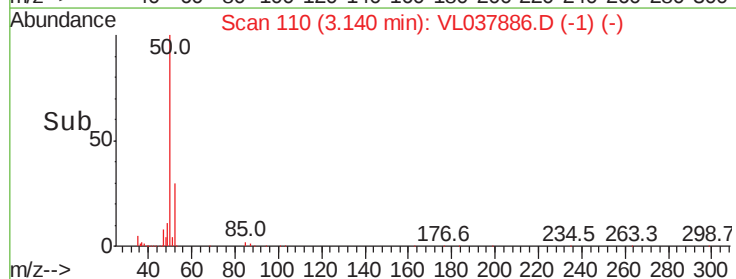
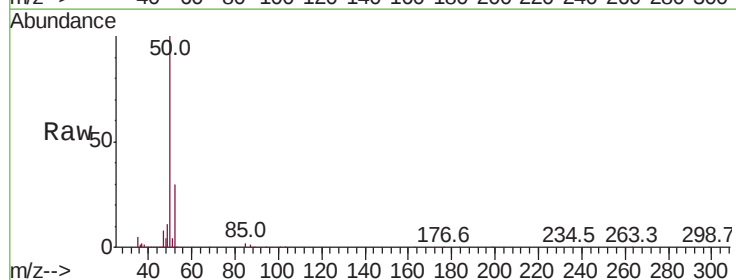
Acq: 20 Oct 2021 14:02

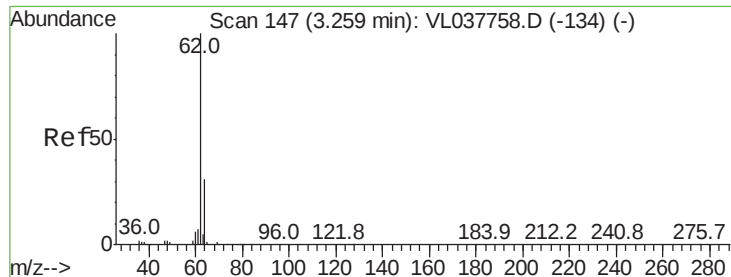
Tgt Ion: 50 Resp: 947518

Ion Ratio Lower Upper

50 100

52 30.2 24.4 36.6





#5

Vinyl Chloride

Concen: 11.908 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02 VL1020ABS01

Tot Ion:

Ion Ratio

62 100

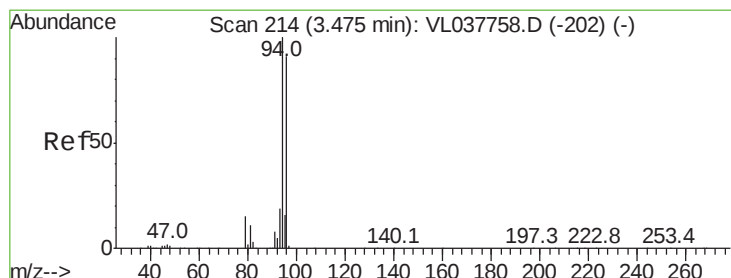
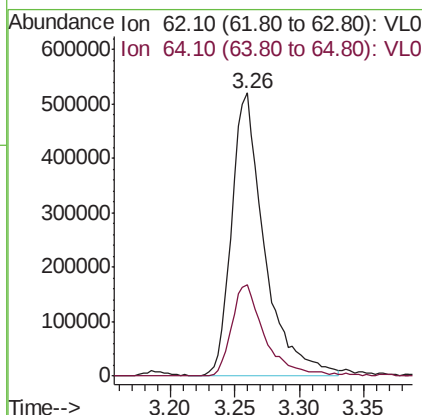
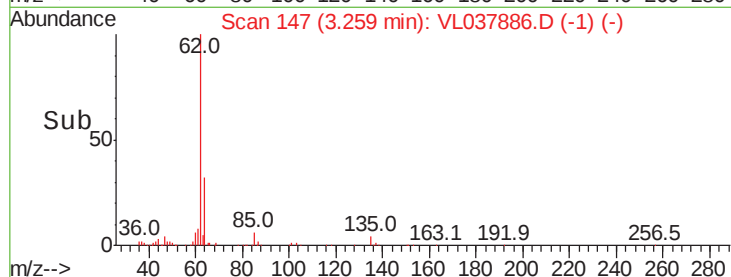
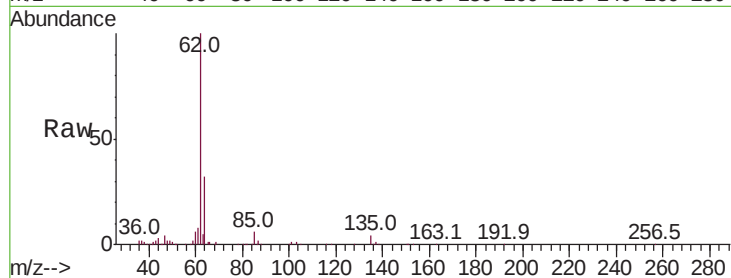
64 32.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/09/2021



#6

Bromomethane

Concen: 10.626 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037886.D

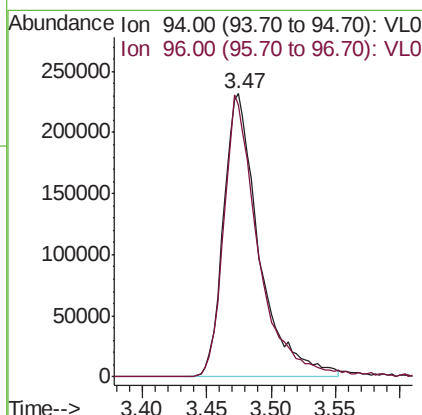
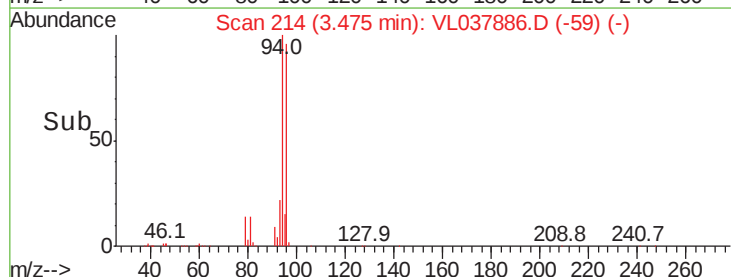
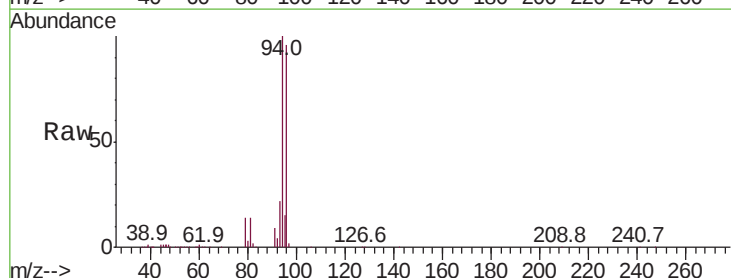
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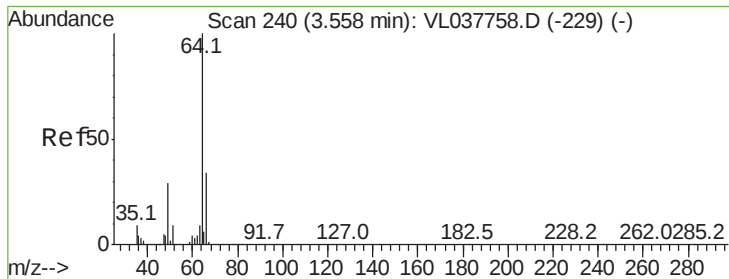
Tgt Ion: 94 Resp: 444416

Ion Ratio Lower Upper

94 100

96 96.1 72.5 108.7





#7

Chloroethane

Concen: 10.451 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02 VL1020ABS01

Tot Ion:

Ion Ratio

64 100

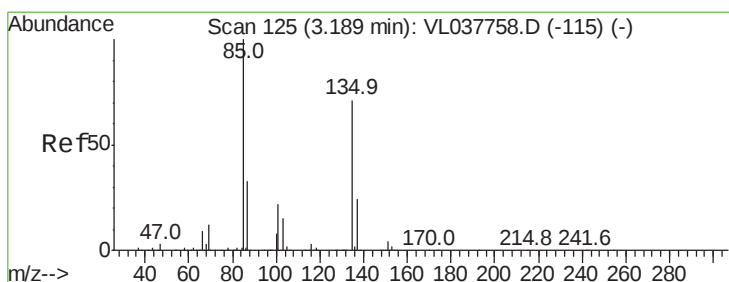
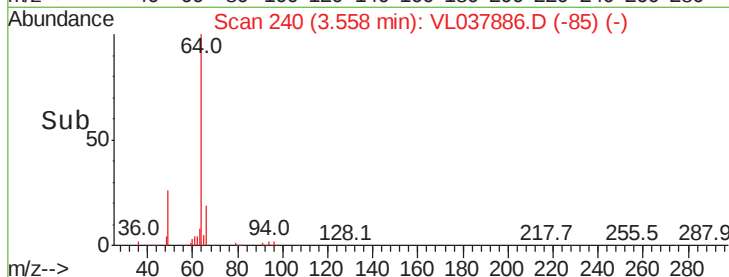
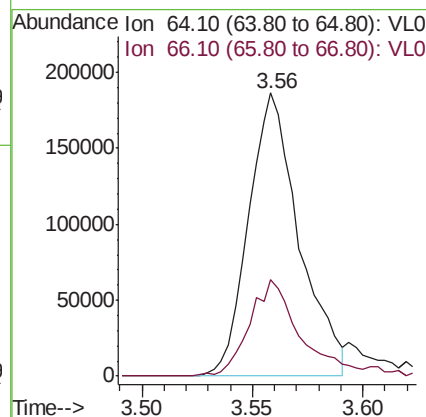
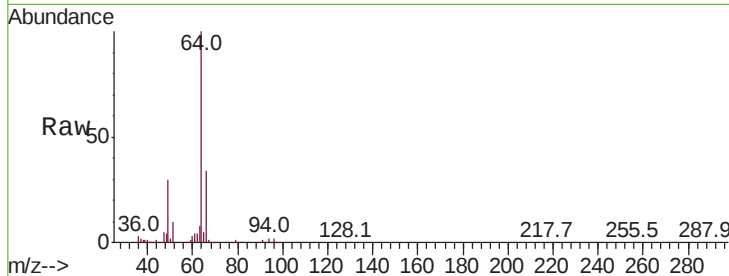
66 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#8

Dichlorotetrafluoroethane

Concen: 11.077 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL037886.D

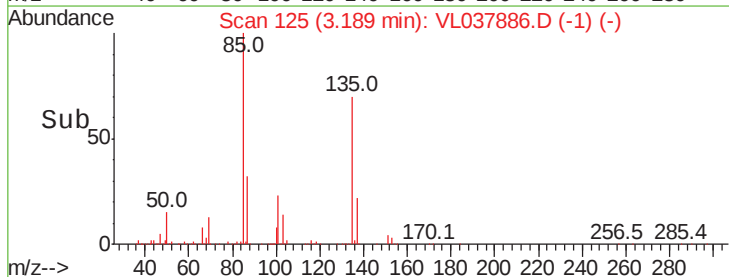
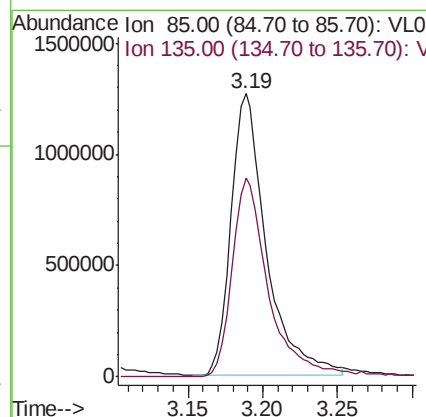
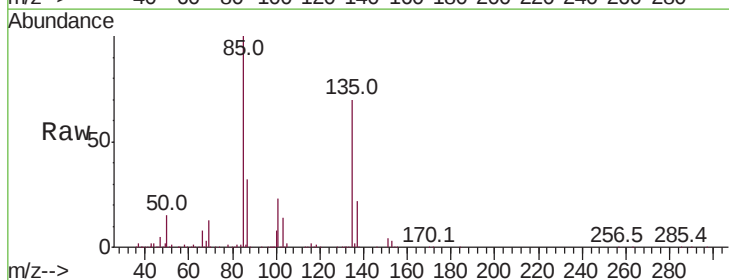
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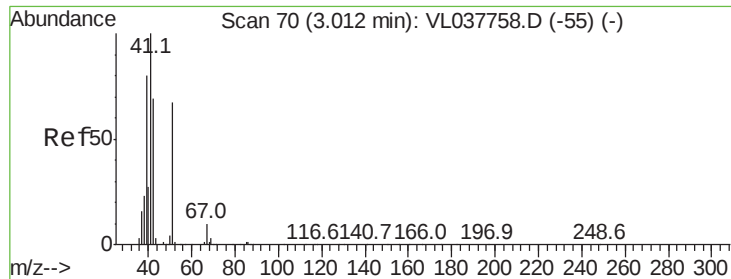
Tgt Ion: 85 Resp: 2095714

Ion Ratio Lower Upper

85 100

135 73.9 59.5 89.3



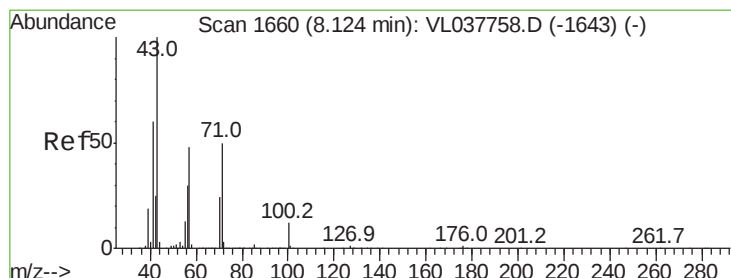
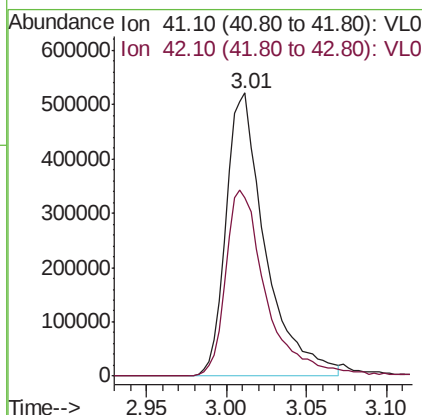
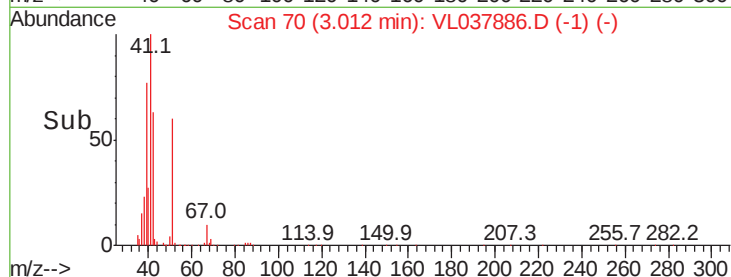
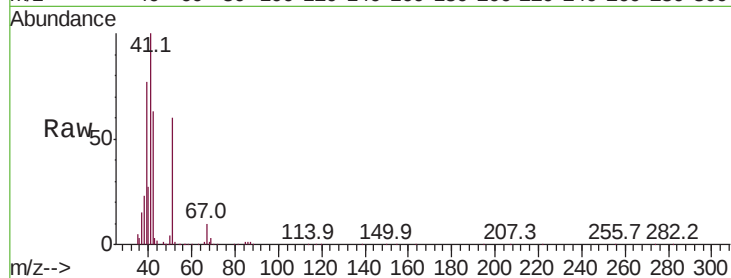


#9
 Propene
 Concen: 10.341 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 20 Oct 2021 14:02

Tot Ion:
 Ion Ratio
 41 100
 42 68.

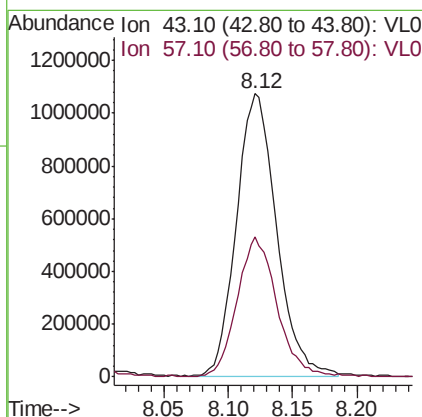
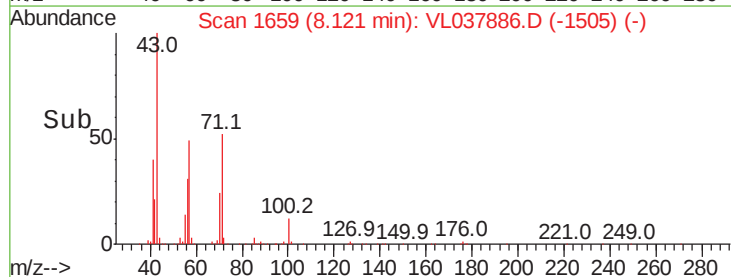
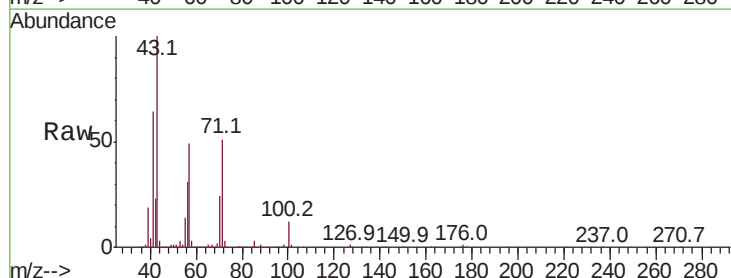
Manual Integrations
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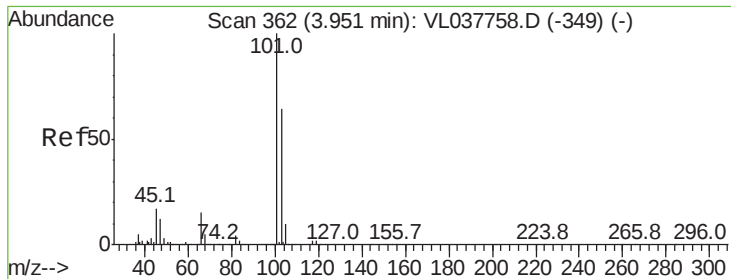
Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#10
 Heptane
 Concen: 12.051 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 43 Resp: 2318964
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.0 60.0



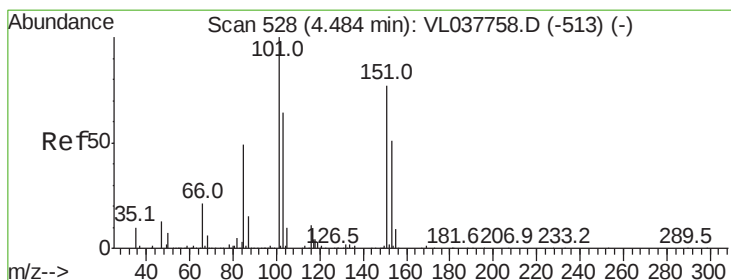
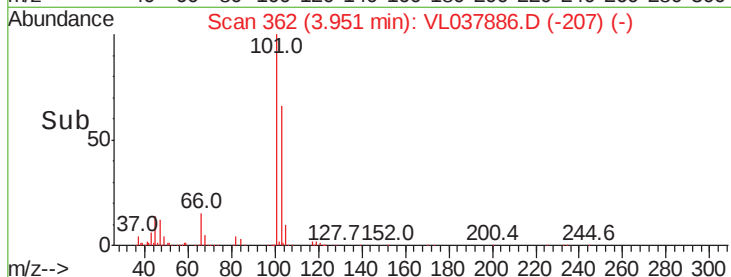
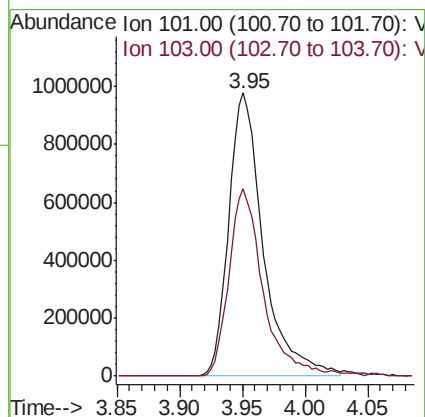
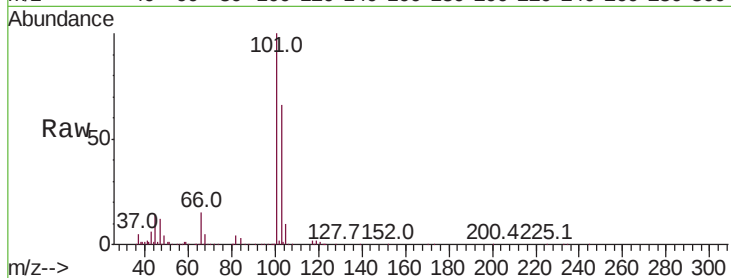


#11
 Trichlorofluoromethane
 Concen: 10.947 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 20 Oct 2021 14:02

Tot Ion:1
 Ion Rati
 101 100
 103 66.

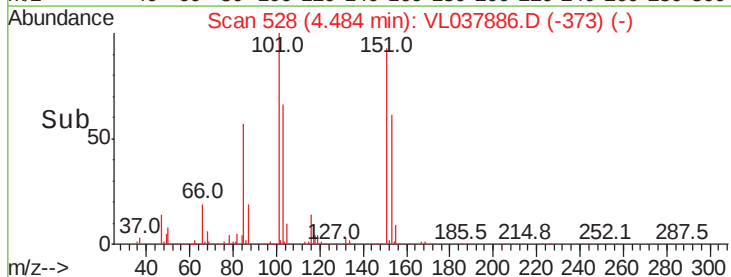
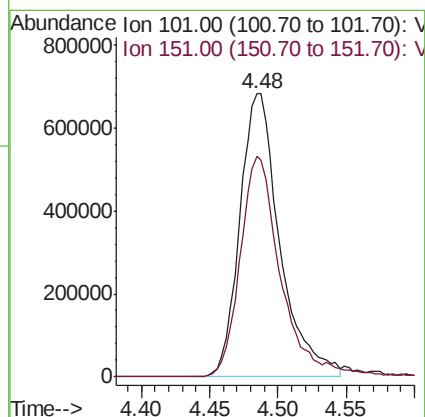
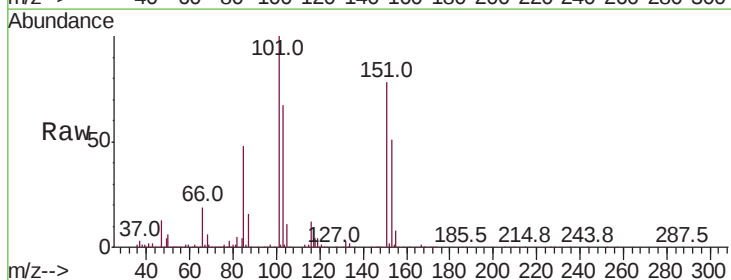
Manual Integrations
 APPROVED

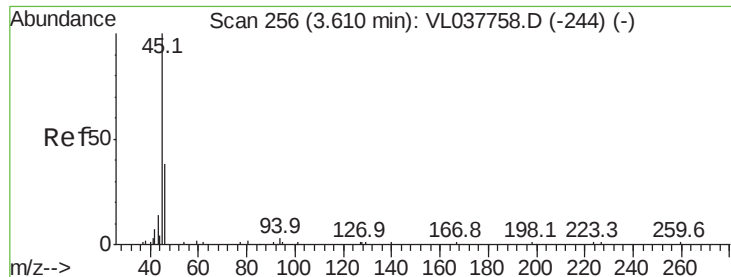
Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.776 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:101 Resp: 1394487
 Ion Ratio Lower Upper
 101 100
 151 79.4 62.9 94.3



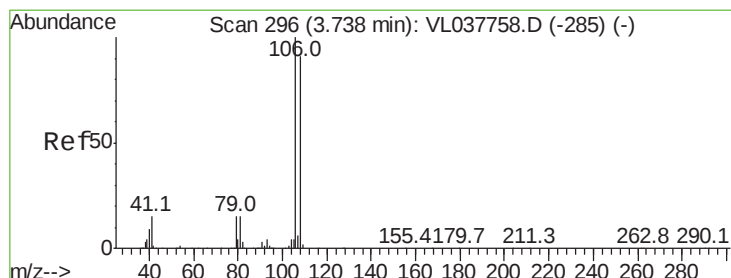
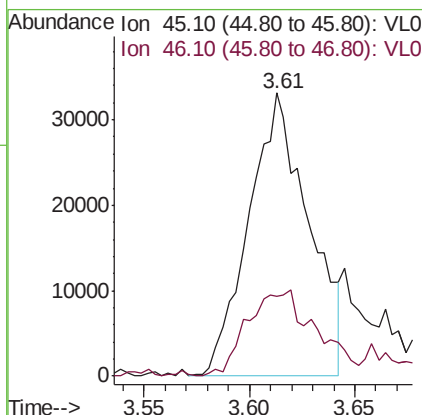
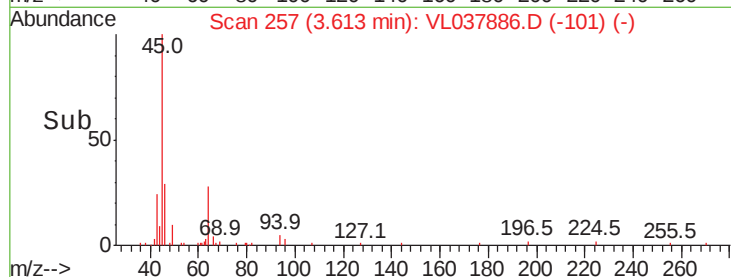
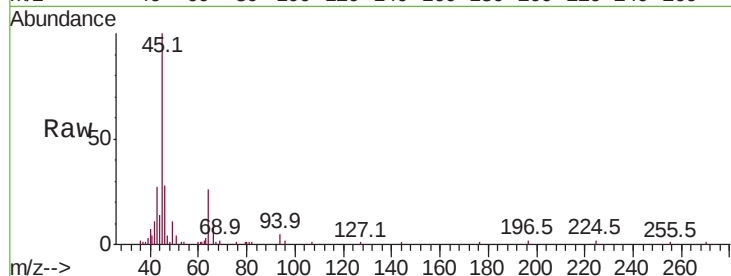


#13
Ethanol
Concen: 9.493 ppbv
RT: 3.61
Delta R.T.: MSVOA_1
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
45 100
46 44.

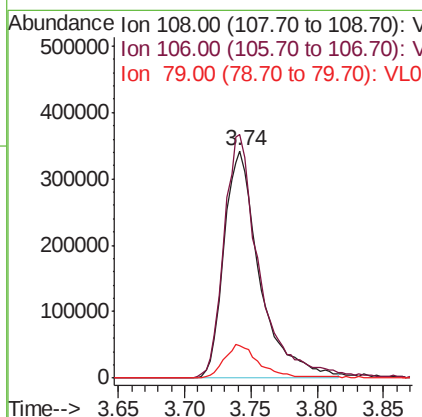
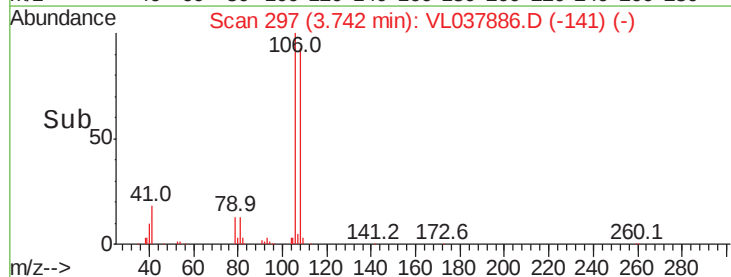
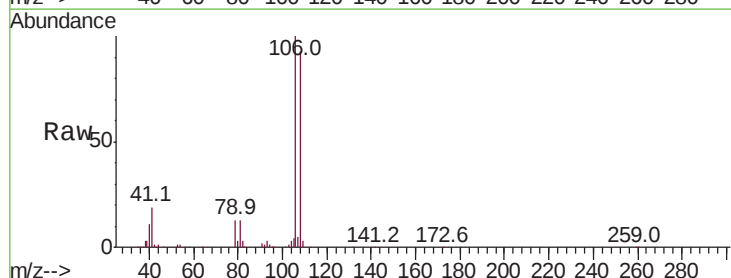
Manual Integrations
APPROVED

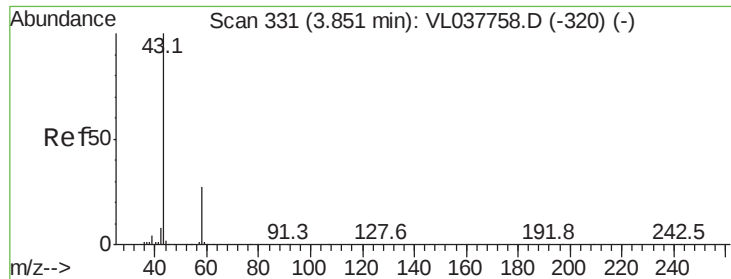
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#14
Bromoethene
Concen: 11.283 ppbv
RT: 3.74 min Scan# 297
Delta R.T.: 0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion:108 Resp: 641980
Ion Ratio Lower Upper
108 100
106 108.1 91.9 137.9
79 15.4 13.9 20.9



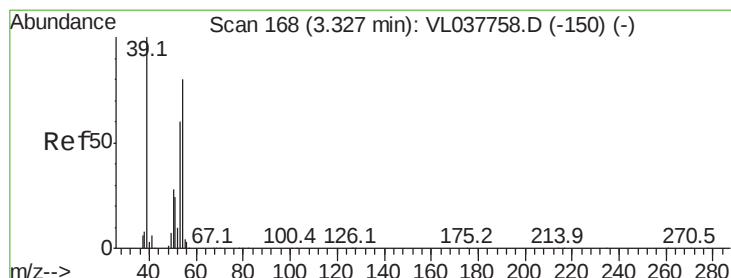
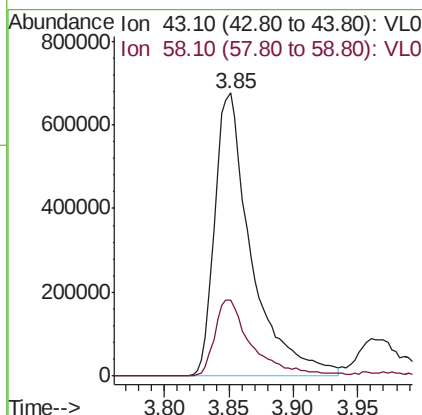
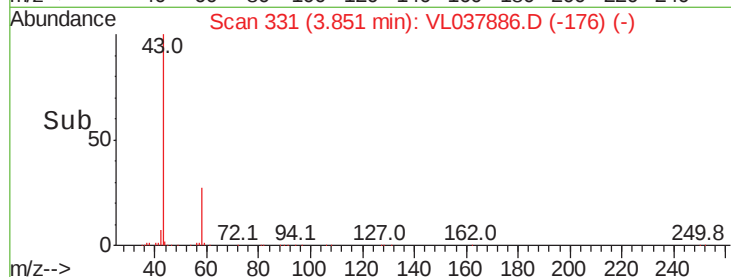
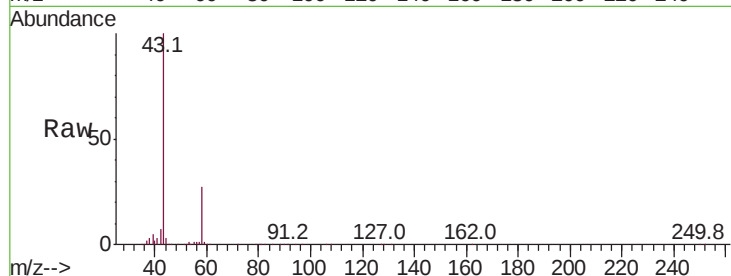


#15
Acetone
Concen: 12.294 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
43 100
58 27.

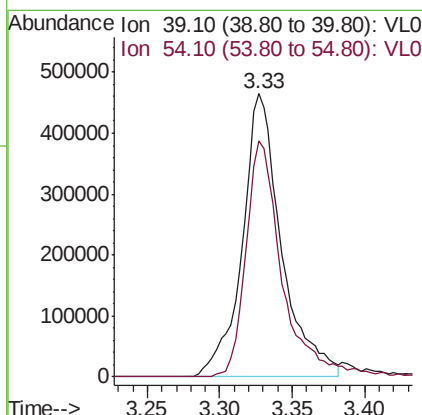
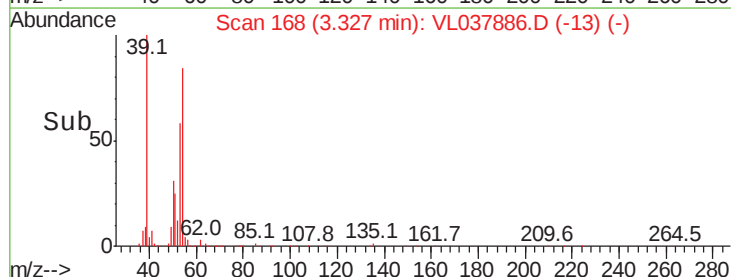
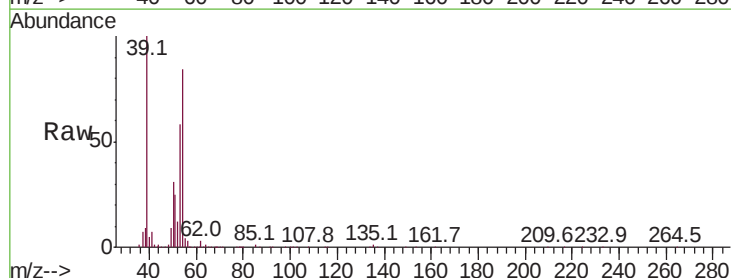
Manual Integrations
APPROVED

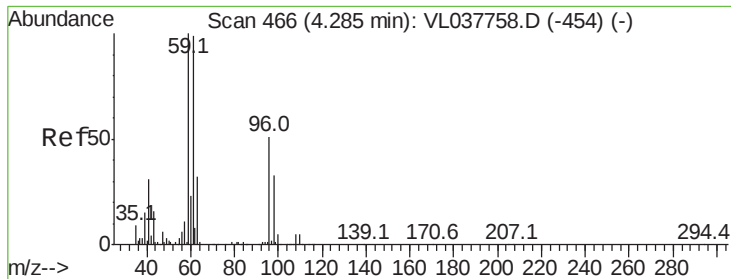
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#16
1,3-Butadiene
Concen: 11.113 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 39 Resp: 869934
Ion Ratio Lower Upper
39 100
54 78.4 61.7 92.5





#17

tert-Butyl alcohol

Concen: 11.146 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1020ABS01

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

59 100

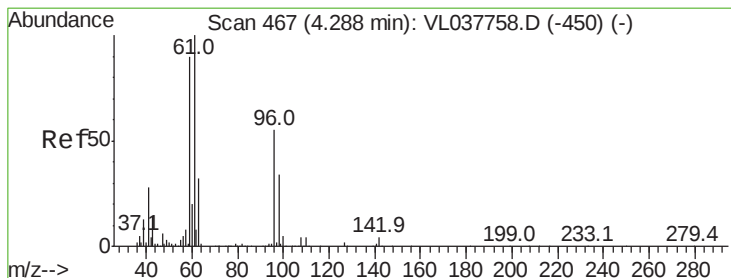
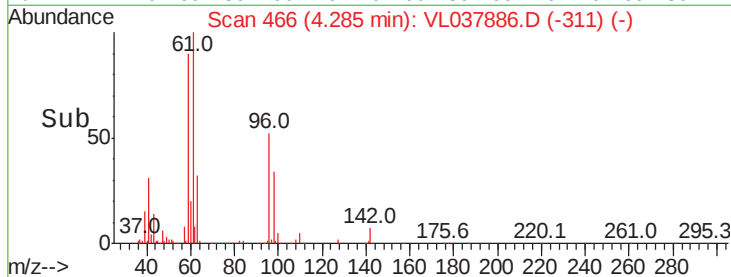
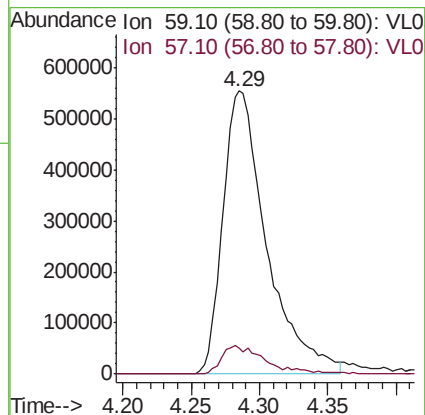
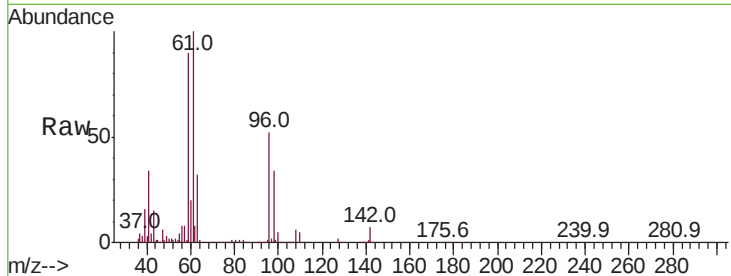
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#18

1,1-Dichloroethene

Concen: 10.937 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

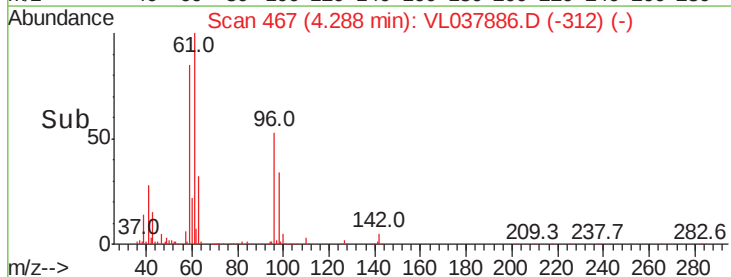
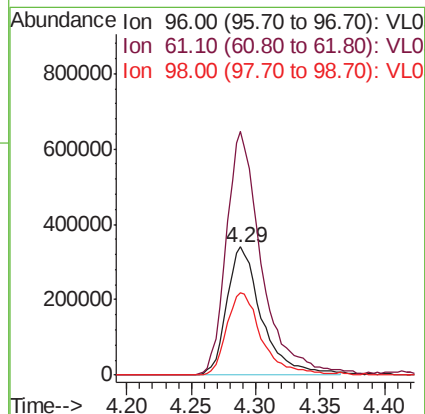
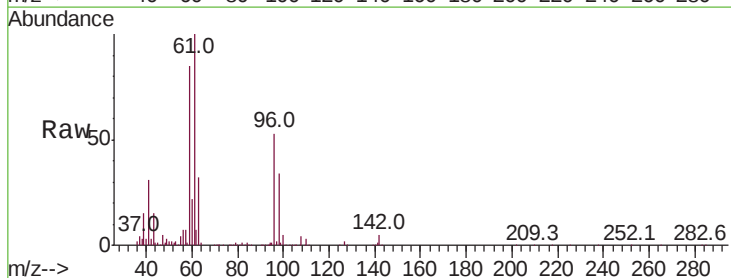
Tgt Ion: 96 Resp: 643192

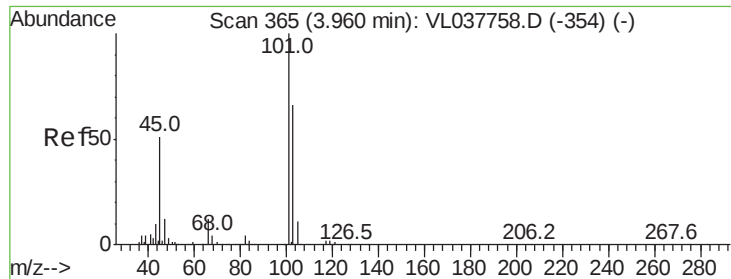
Ion Ratio Lower Upper

96 100

61 189.7 146.2 219.4

98 64.3 50.0 75.0





#19

Isopropyl Alcohol

Concen: 10.085 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

45 100

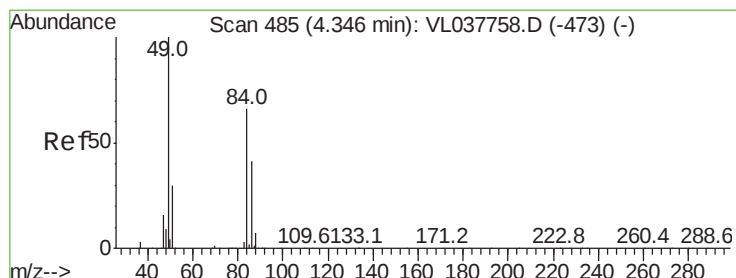
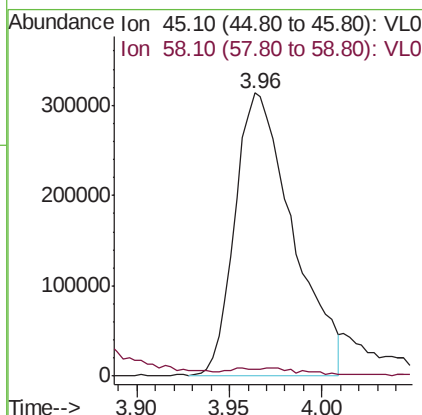
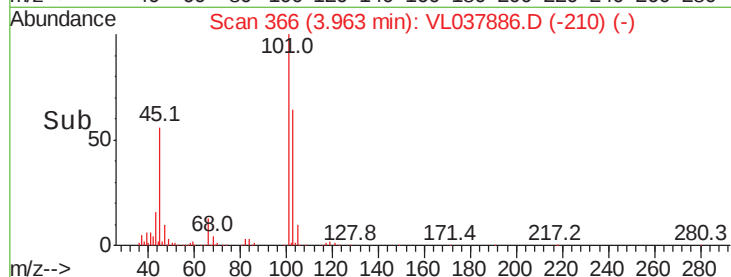
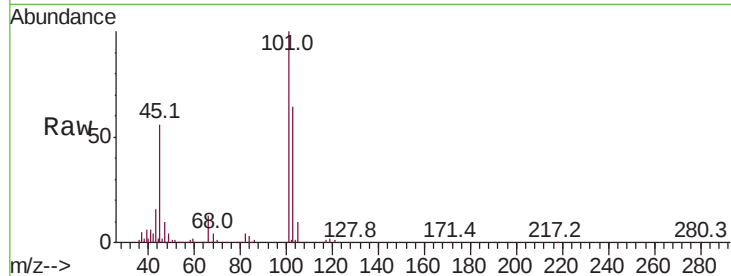
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#20

Methylene Chloride

Concen: 9.499 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion: 84 Resp: 516376

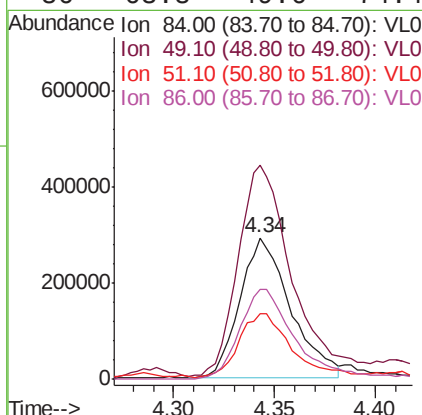
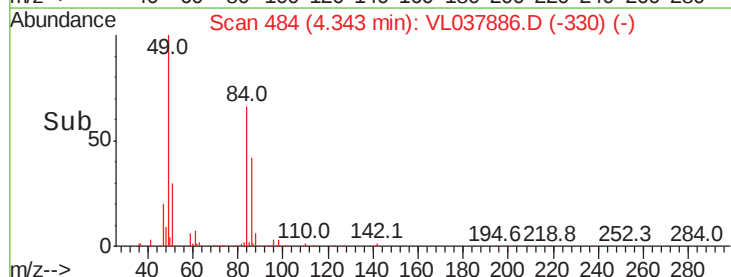
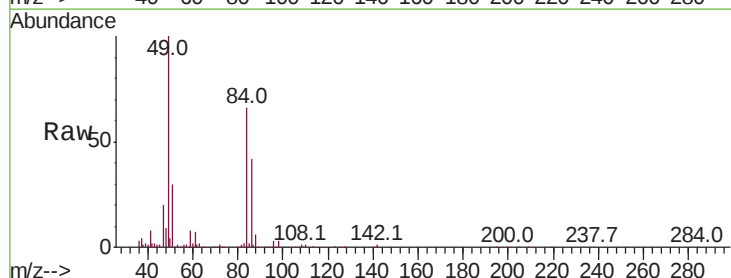
Ion Ratio Lower Upper

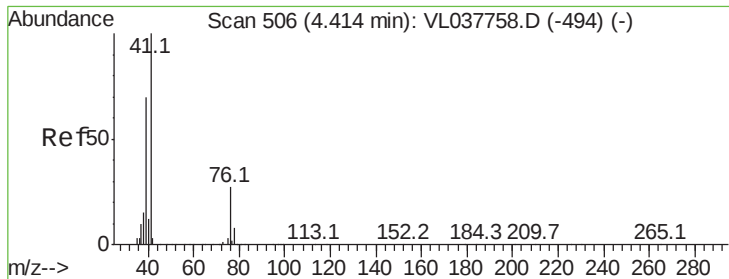
84 100

49 149.9 120.7 181.1

51 44.6 36.2 54.4

86 63.8 49.6 74.4





#21

Allvl Chloride

Concen: 10.692 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

41 100

76 27.

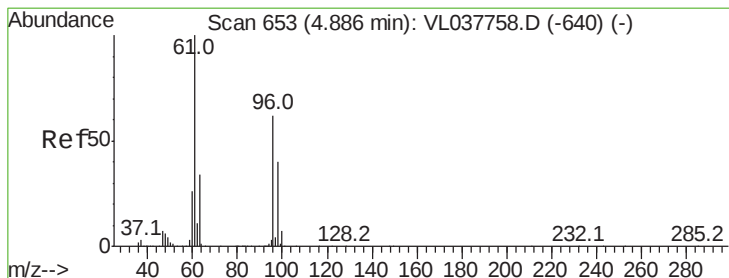
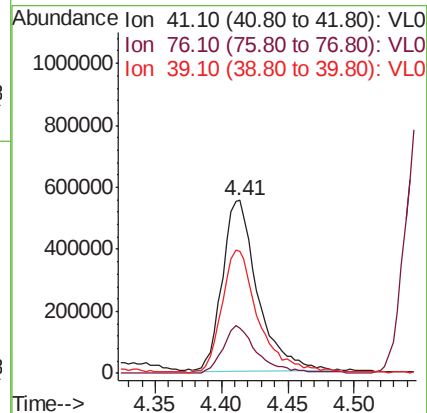
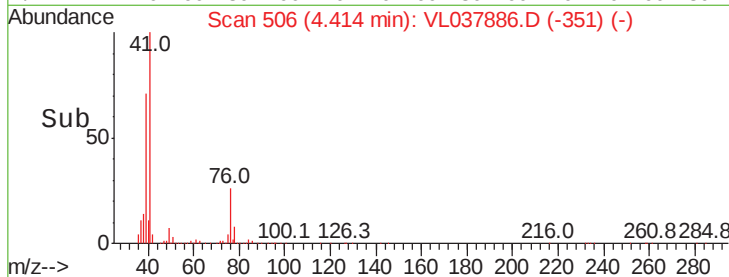
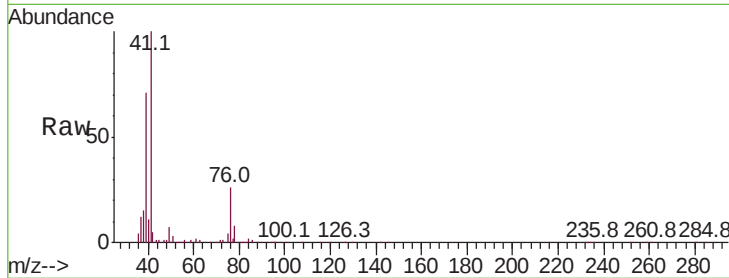
39 74.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#22

trans-1,2-Dichloroethene

Concen: 11.137 ppbv

RT: 4.88 min Scan# 652

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

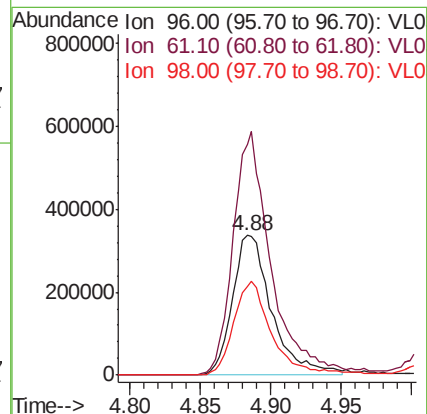
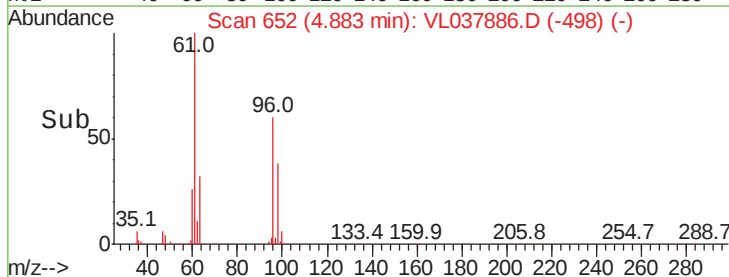
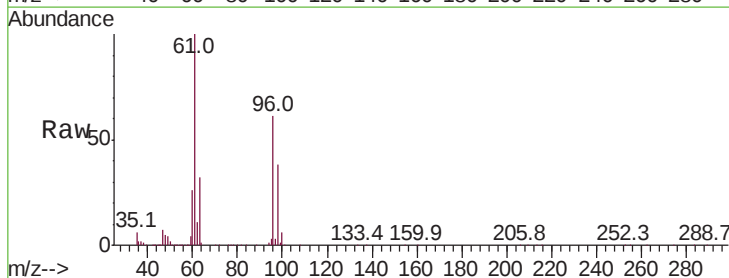
Tgt Ion: 96 Resp: 658482

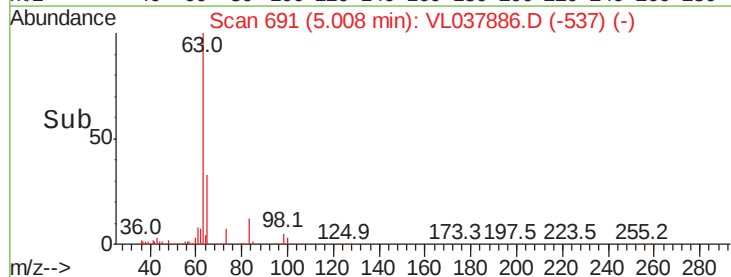
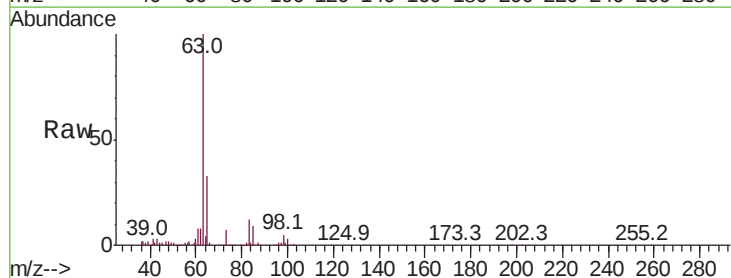
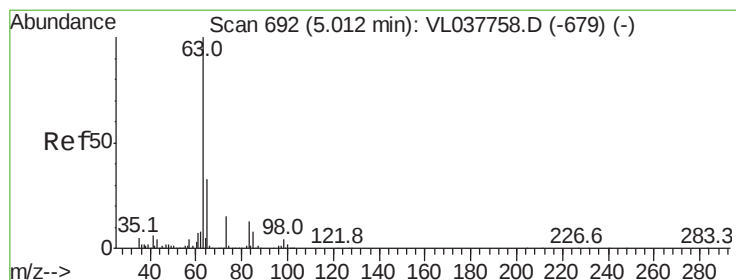
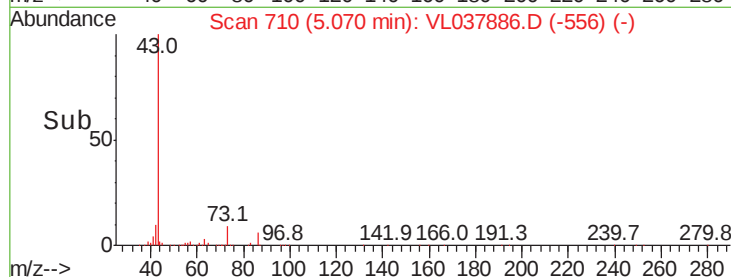
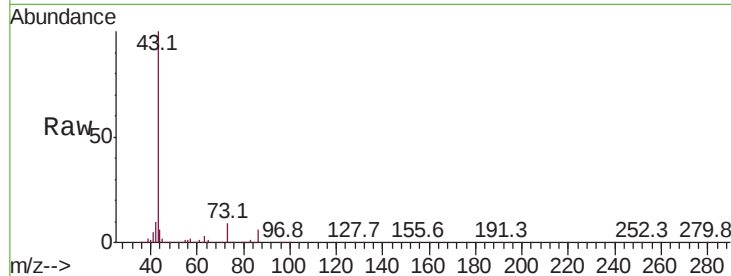
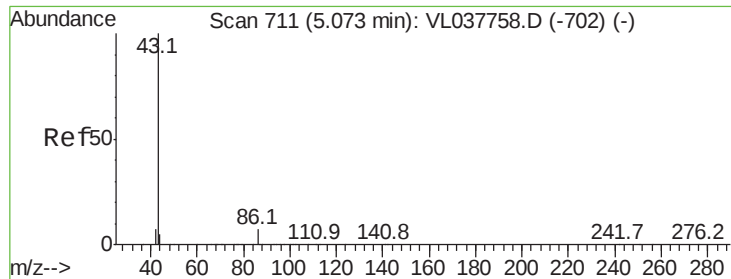
Ion Ratio Lower Upper

96 100

61 165.2 129.0 193.6

98 63.6 51.7 77.5





#23

Vinyl Acetate

Concen: 10.610 ppbv

RT: 5.07

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

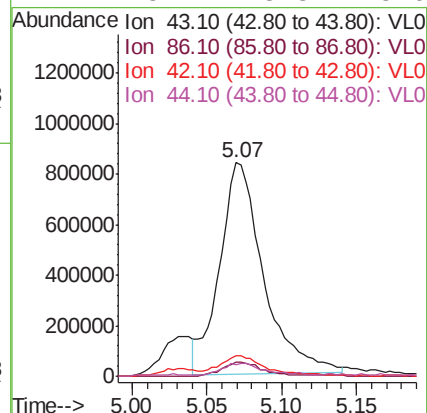
44 5.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#24

1,1-Dichloroethane

Concen: 11.159 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion: 63 Resp: 1309653

Ion Ratio Lower Upper

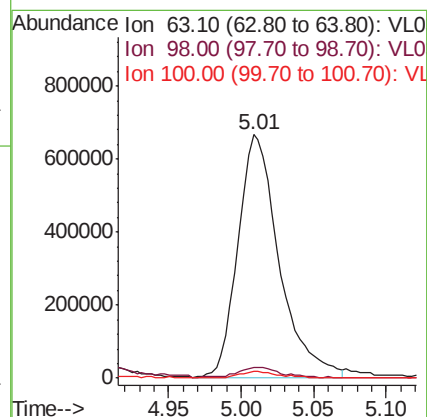
63 100

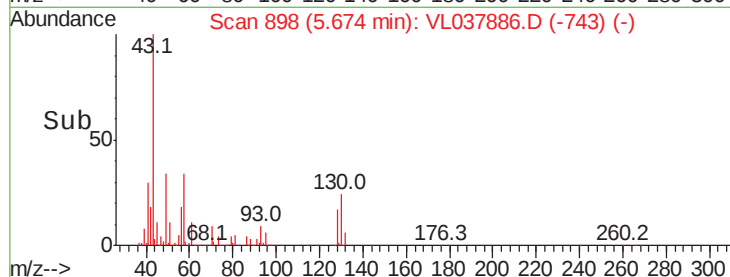
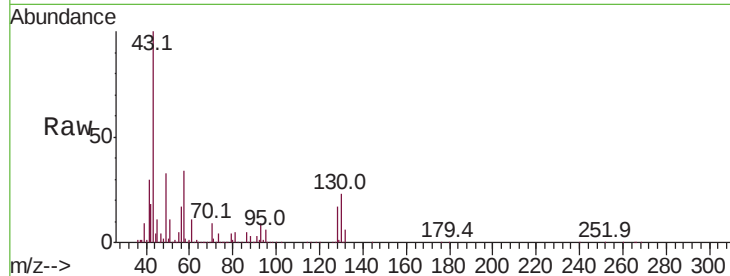
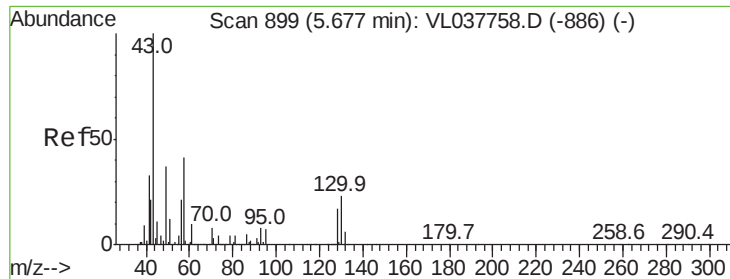
98 4.3

100 2.6

2.3 6.9

1.1 3.1



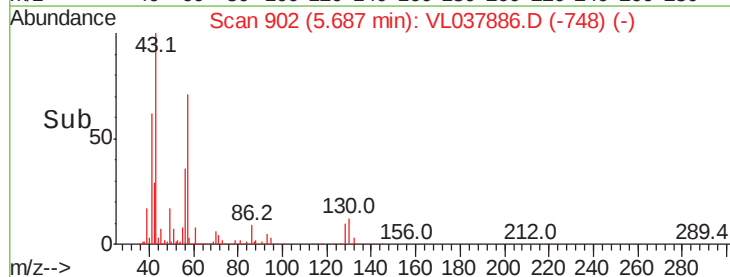
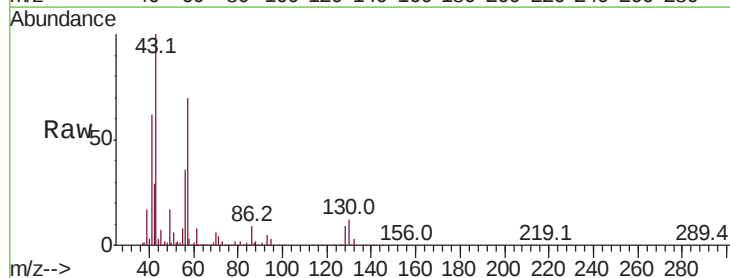
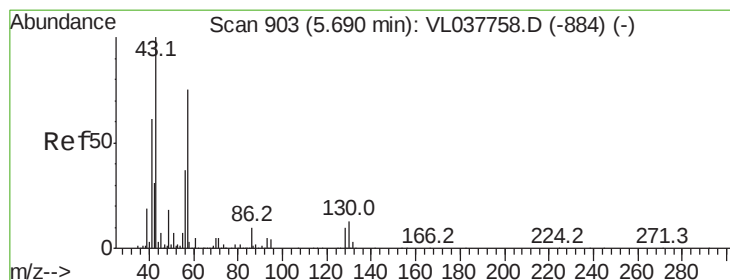
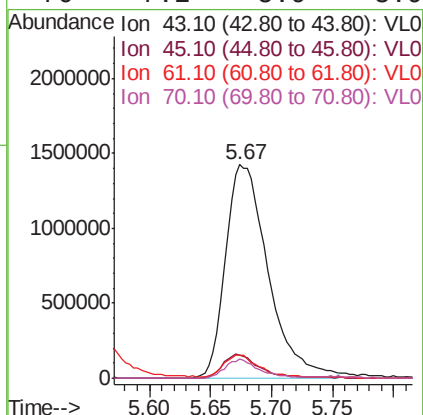


#25
Ethyl Acetate
Concen: 11.402 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio 43 100
45 10.
61 9.
70 7.2 5.9 8.9

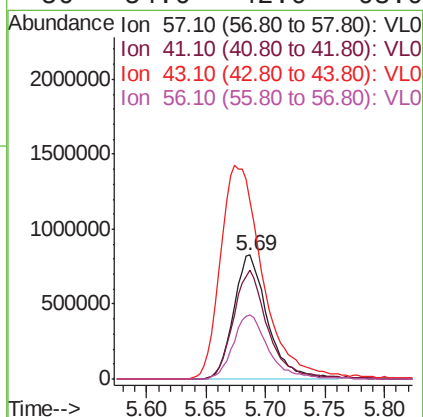
Manual Integrations
APPROVED

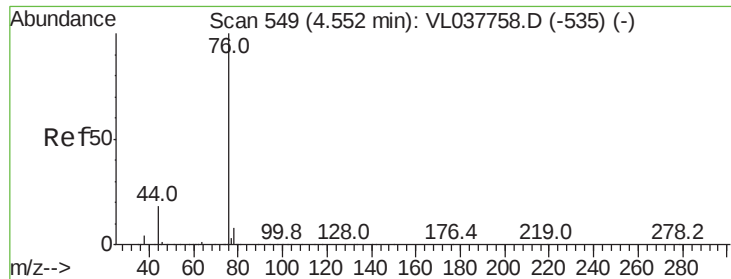
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#26
Hexane
Concen: 10.964 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 57 Resp: 1629871
Ion Ratio Lower Upper
57 100
41 90.7 69.6 104.4
43 216.5 171.4 257.0
56 54.6 42.0 63.0





#27

Carbon Disulfide

Concen: 12.147 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:

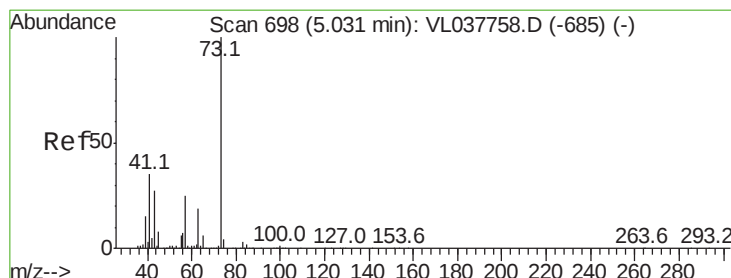
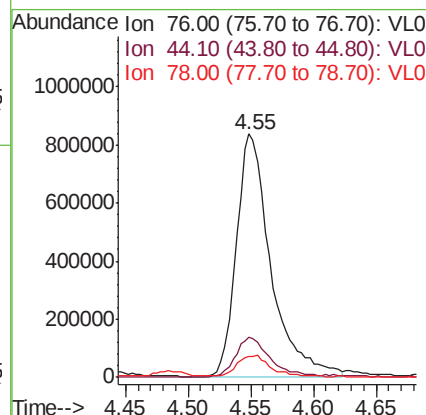
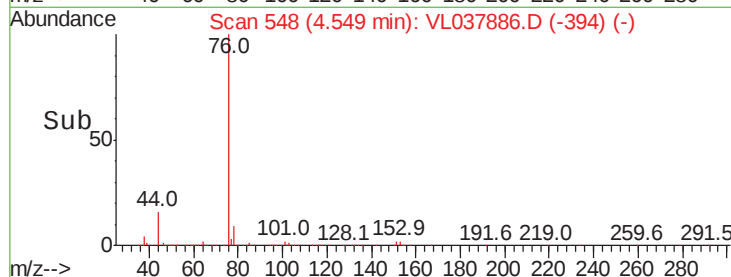
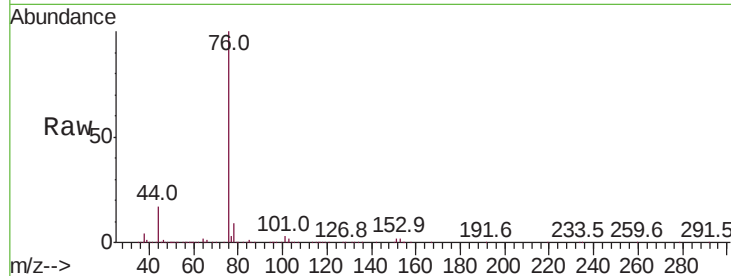
Ion	Ratio
76	100
44	17.
78	9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#28

Methyl tert-Butyl Ether

Concen: 10.337 ppbv

RT: 5.03 min Scan# 698

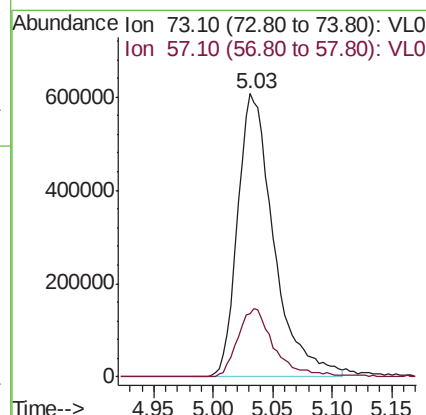
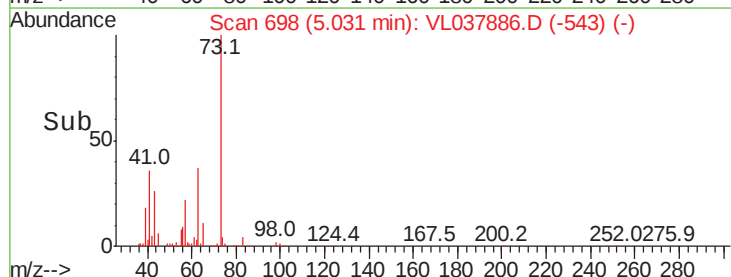
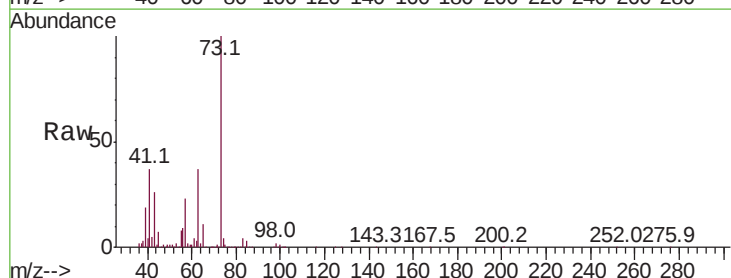
Delta R.T. -0.00 min

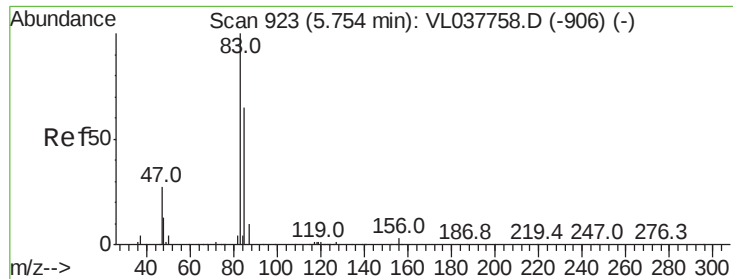
Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion: 73 Resp: 1279379

Ion	Ratio	Lower	Upper
73	100		
57	24.6	20.4	30.6



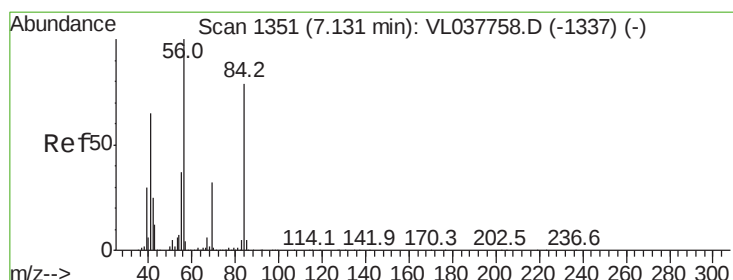
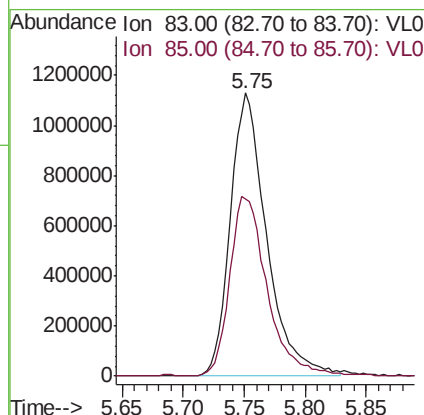
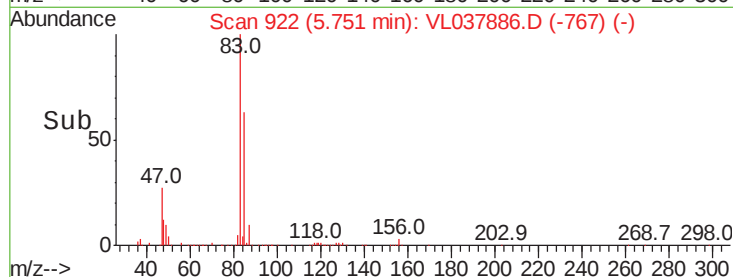
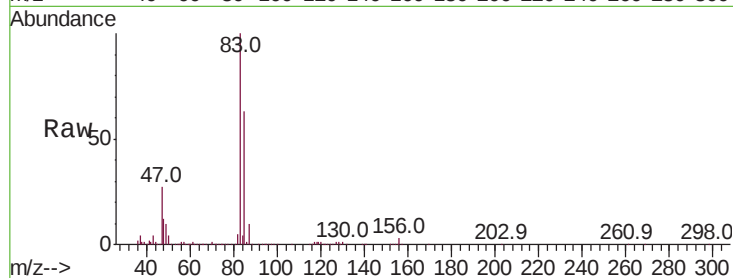


#29
Chloroform
Concen: 11.039 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
83 100
85 62.

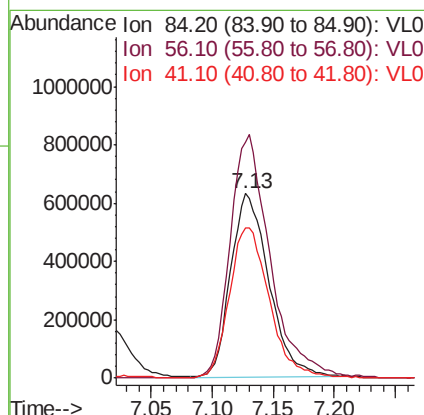
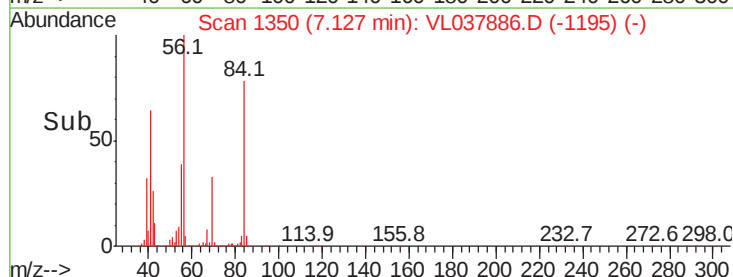
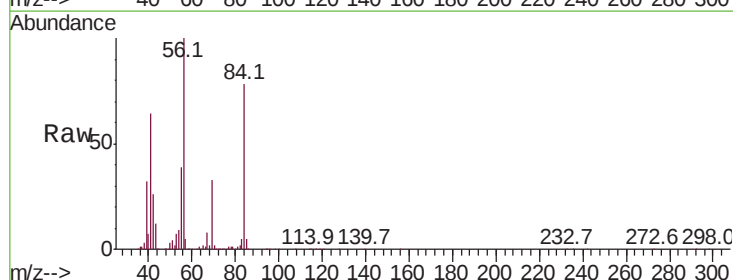
Manual Integrations
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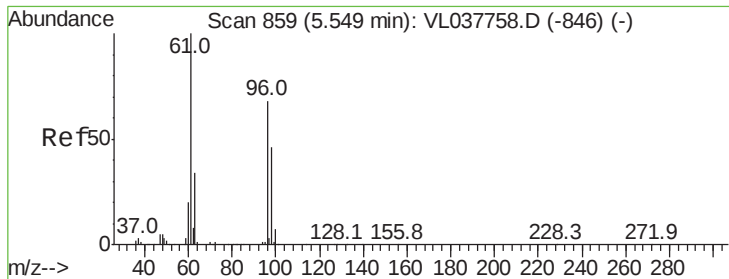
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#30
Cyclohexane
Concen: 10.926 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 84 Resp: 1377363
Ion Ratio Lower Upper
84 100
56 139.5 113.0 169.4
41 85.7 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 11.068 ppbv

RT: 5.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

61 100

96 68.

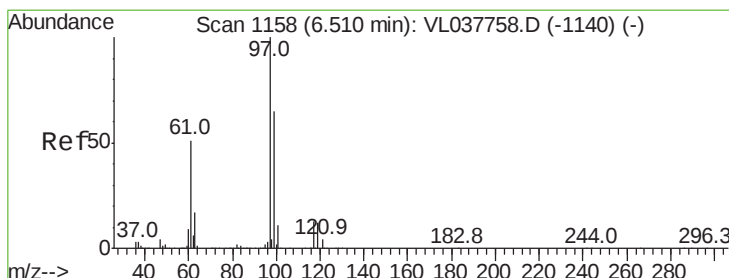
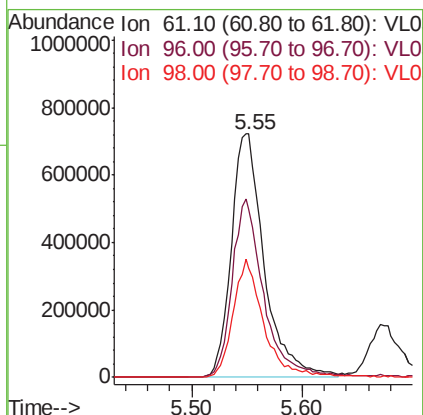
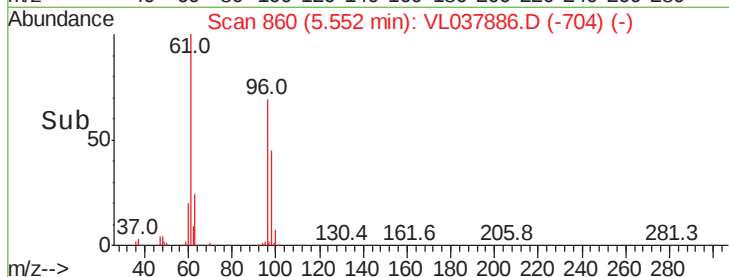
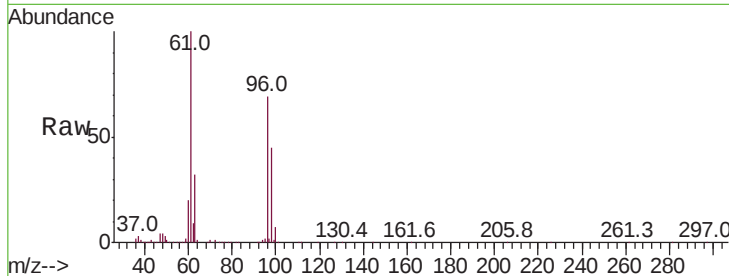
98 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#32

1,1,1-Trichloroethane

Concen: 10.986 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

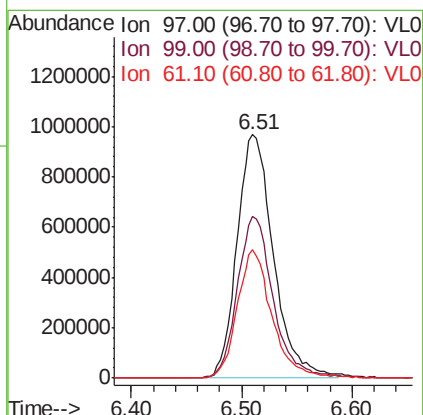
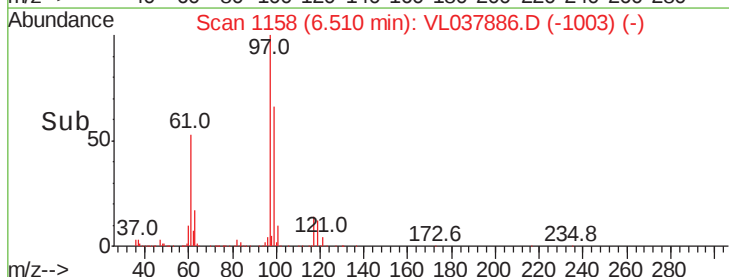
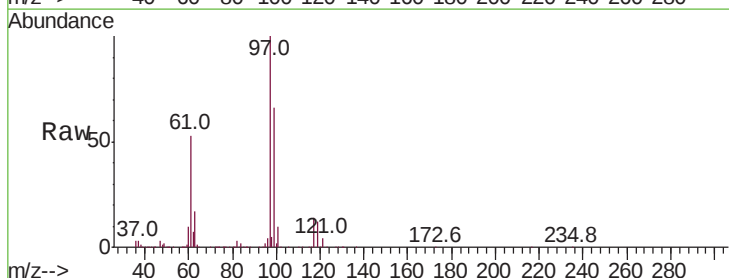
Tgt Ion: 97 Resp: 2213221

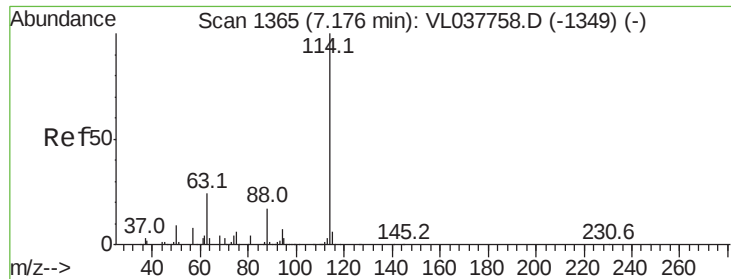
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 50.9 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

Delta R.T.

Client SampleId:

Lab File: VL1020ABS01

Acq: 20 Oct 2021 14:02

Tot Ion: 1

Ion Ratio

114 100

63 23.

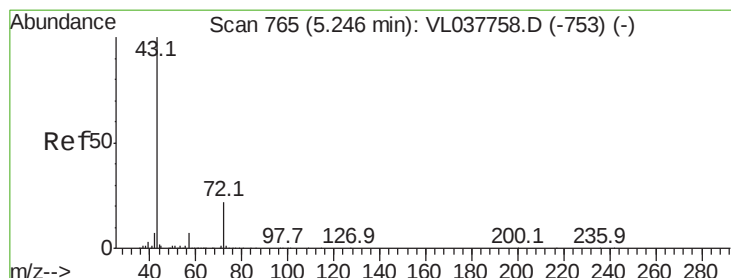
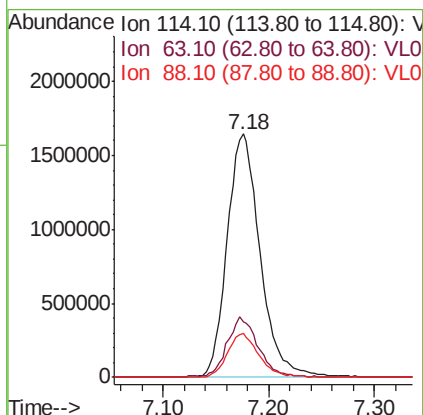
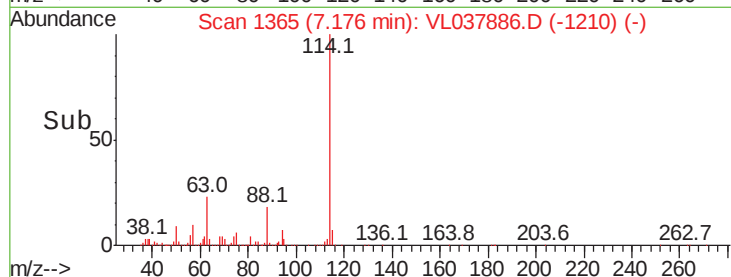
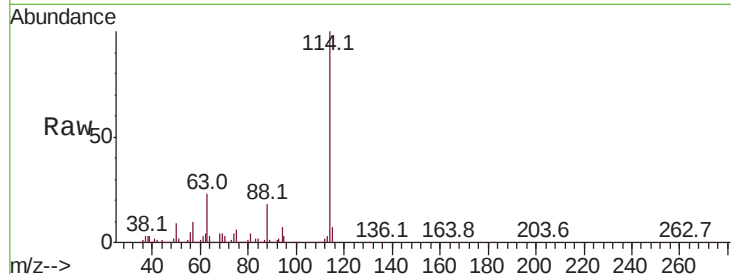
88 17.

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APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2021

Supervised By : Mahesh Dadoda 11/09/2021



#34

2-Butanone

Concen: 10.327 ppbv

RT: 5.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VL037886.D

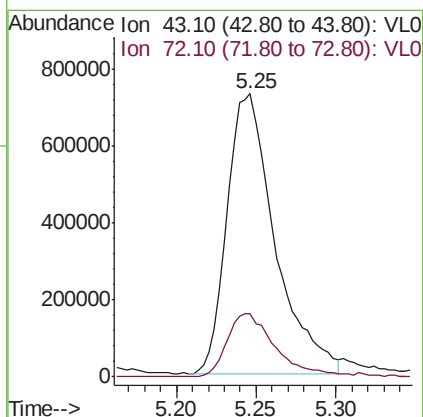
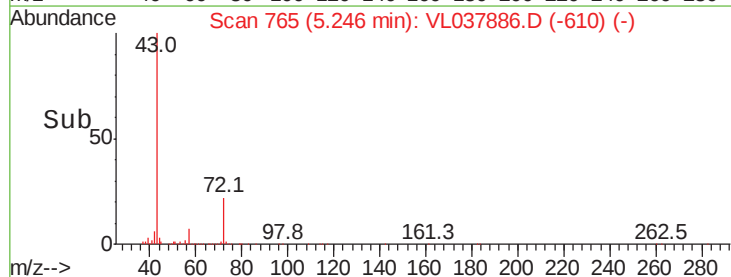
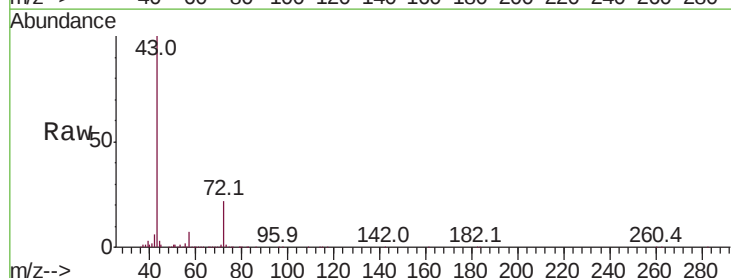
Acq: 20 Oct 2021 14:02

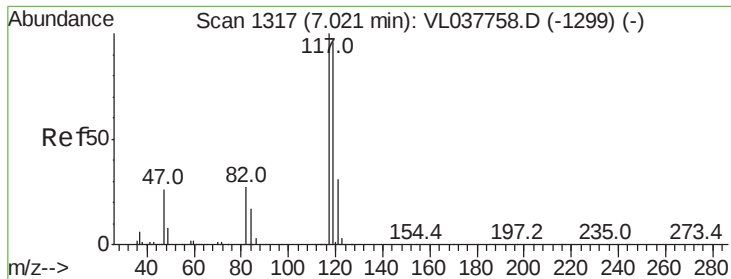
Tgt Ion: 43 Resp: 1488375

Ion Ratio Lower Upper

43 100

72 23.7 18.2 27.2



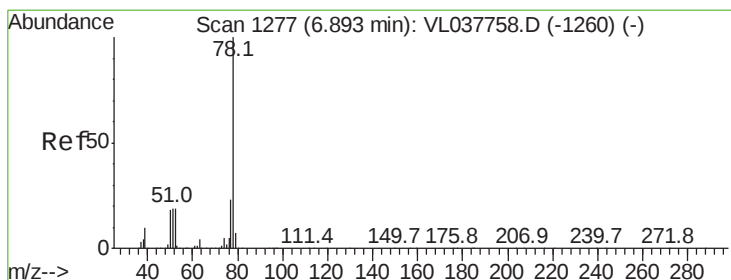
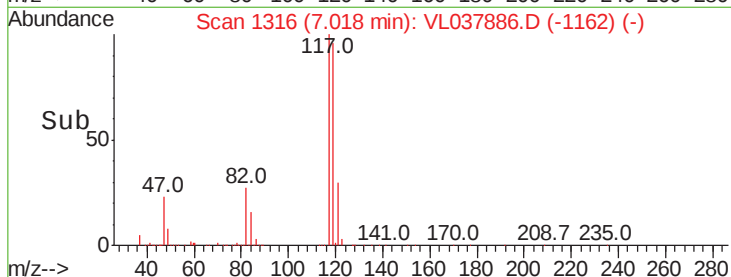
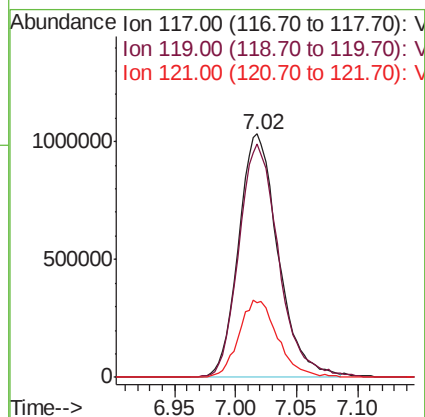
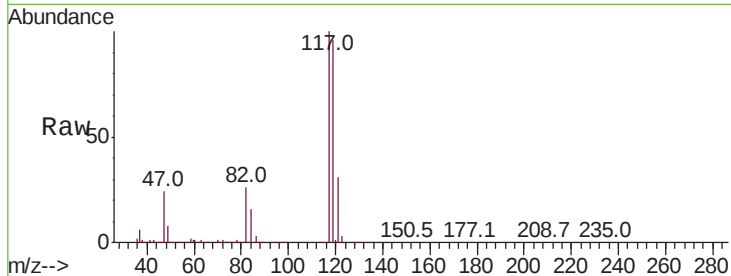


#35
Carbon Tetrachloride
Concen: 11.425 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion: 1
Ion Ratio
117 100
119 96.
121 30.

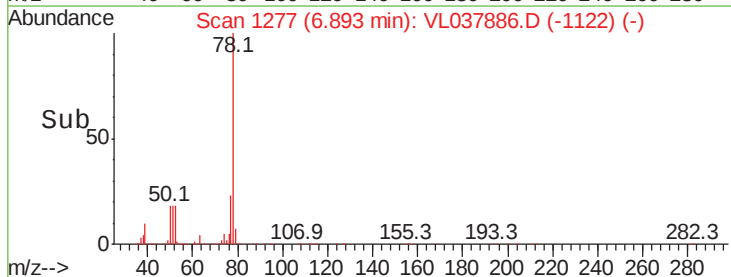
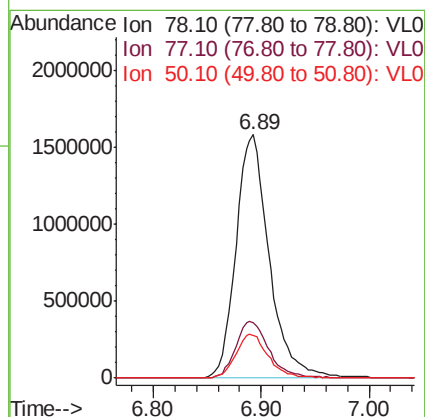
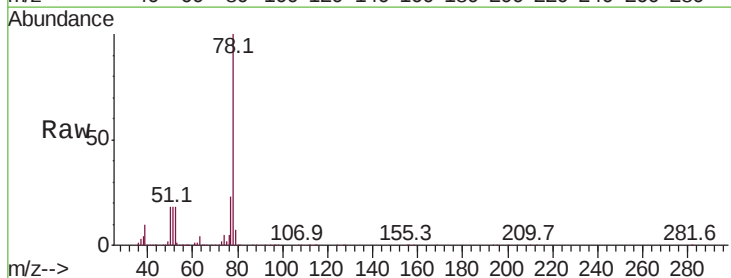
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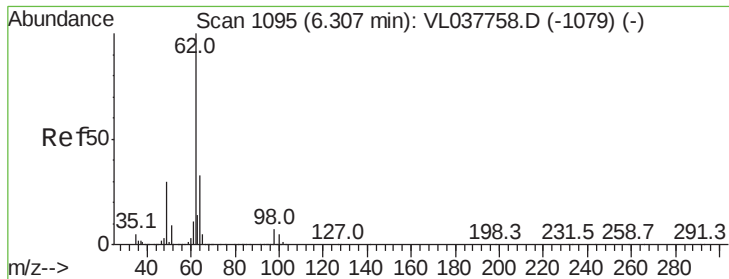
Reviewed By : Semsettin Yesilyurt 11/09/2021
Supervised By : Mahesh Dadoda 11/09/2021



#36
Benzene
Concen: 11.133 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 78 Resp: 3394713
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2
50 17.7 14.7 22.1



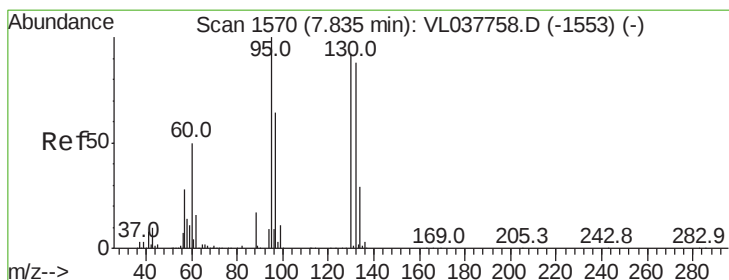
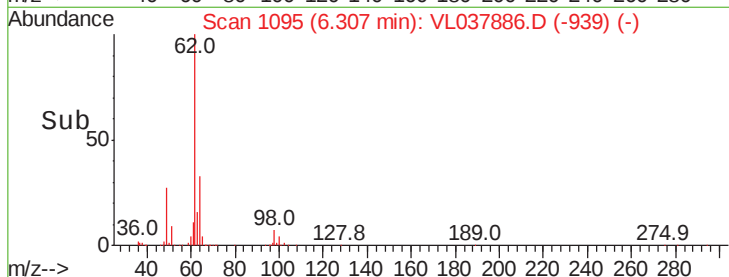
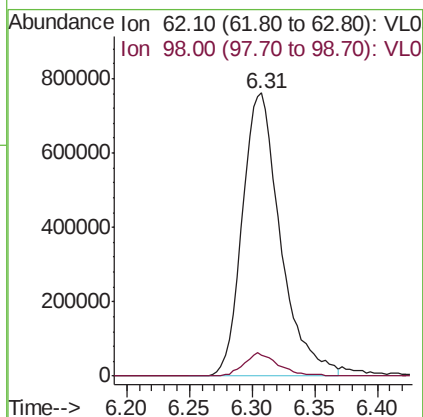
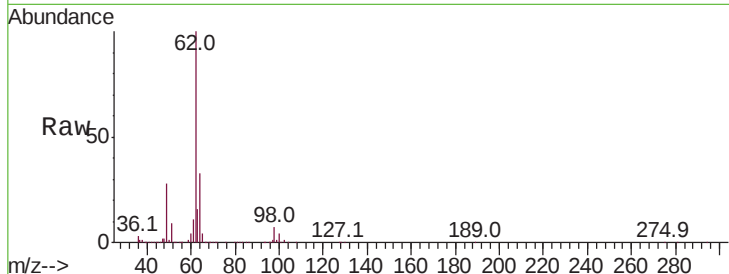


#37
 1,2-Dichloroethane
 Concen: 11.227 ppbv
 RT: 6.31
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tot Ion:
 Ion Ratio
 62 100
 98 7.

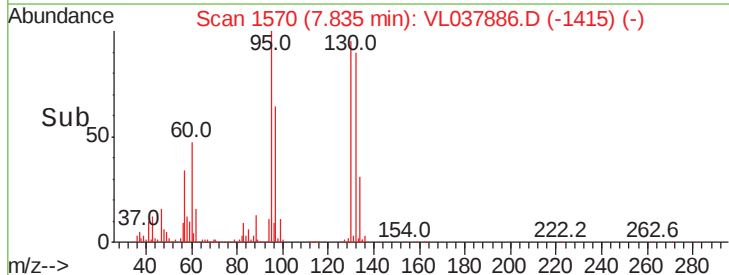
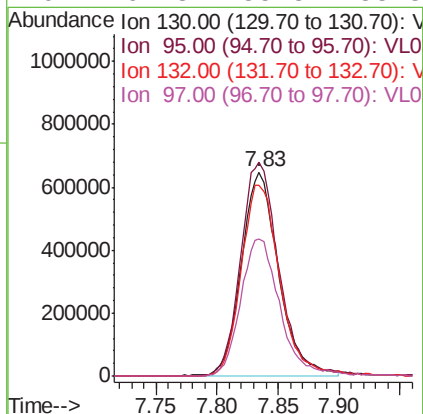
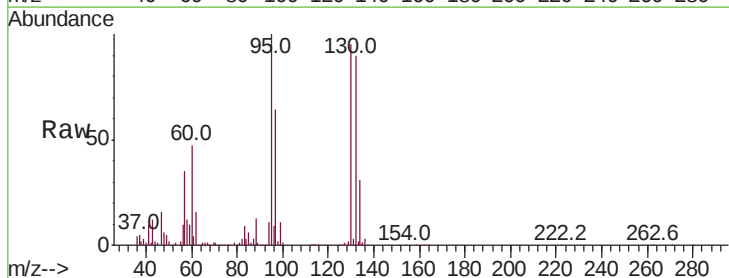
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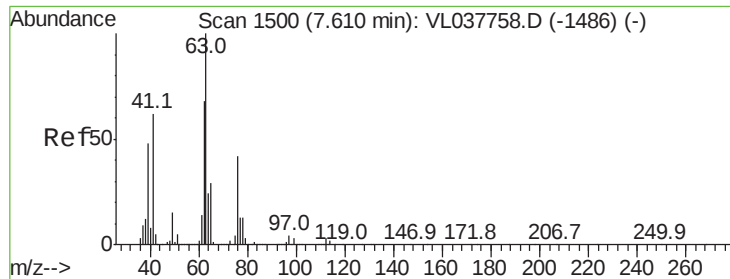
Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#38
 Trichloroethene
 Concen: 11.253 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:130 Resp: 1355657
 Ion Ratio Lower Upper
 130 100
 95 105.1 87.4 131.0
 132 94.1 76.8 115.2
 97 67.3 55.8 83.8





#39

1,2-Dichloropropane

Concen: 11.319 ppbv

RT: 7.61 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

63 100

41 63.

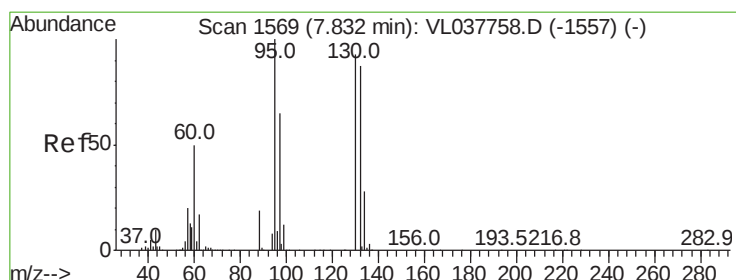
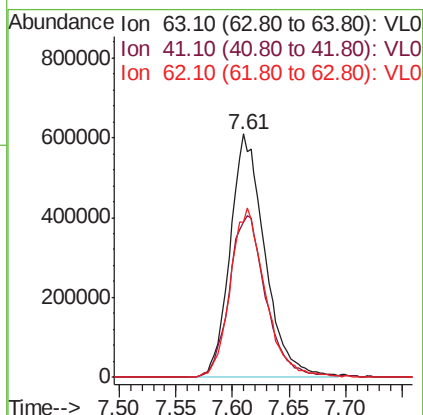
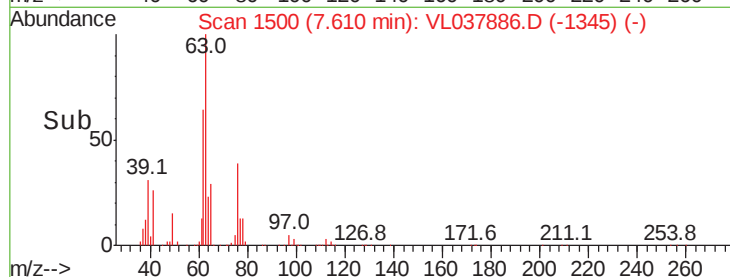
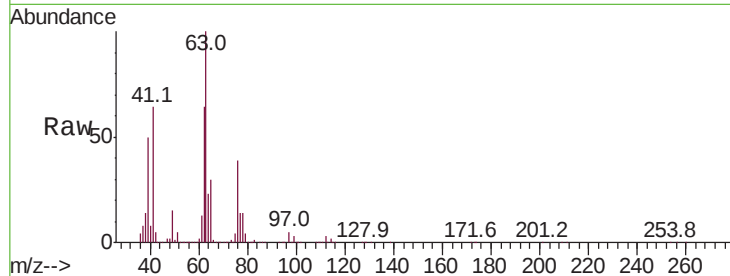
62 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#40

1,4-Dioxane

Concen: 8.915 ppbv m

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion: 88 Resp: 255866

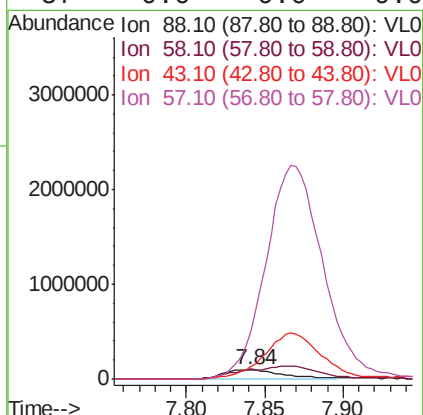
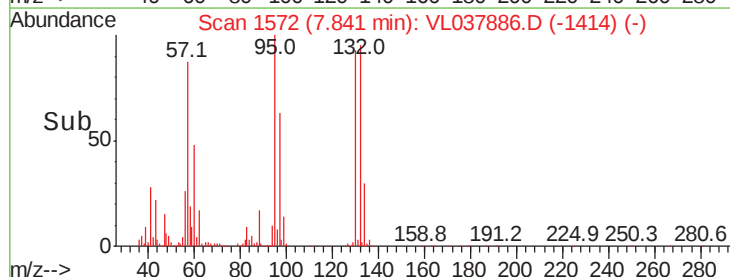
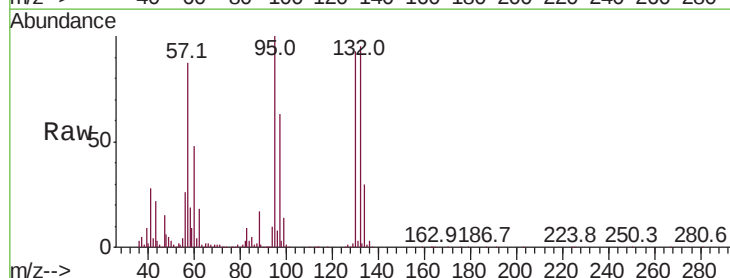
Ion Ratio Lower Upper

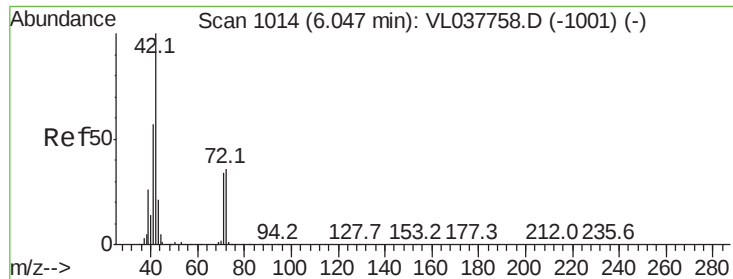
88 100

58 0.0 0.0 0.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0



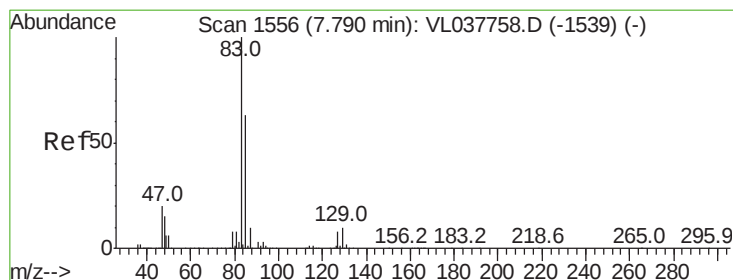
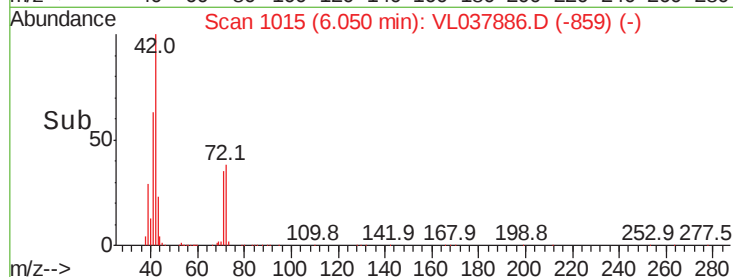
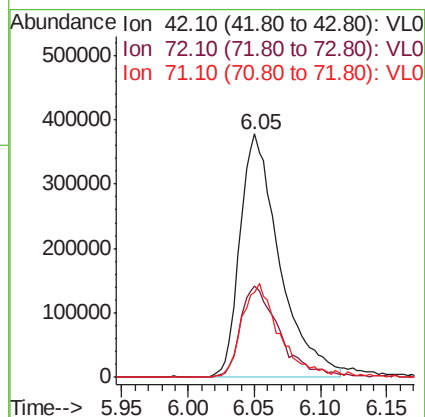
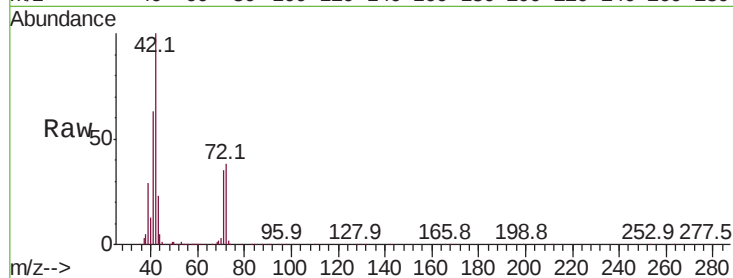


#41
Tetrahydrofuran
Concen: 11.152 ppbv
RT: 6.05
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
42 100
72 38.
71 37.

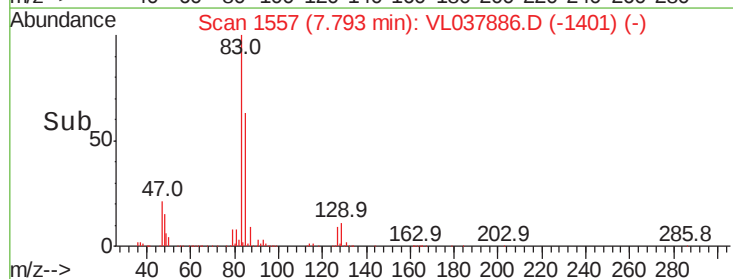
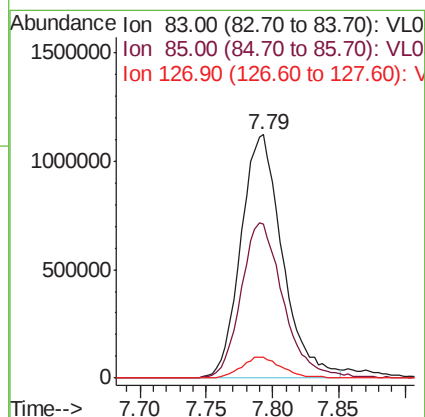
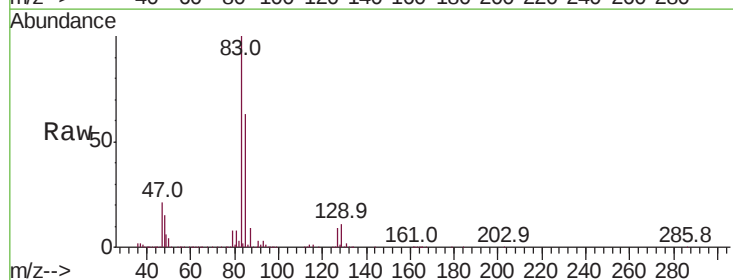
Manual Integrations
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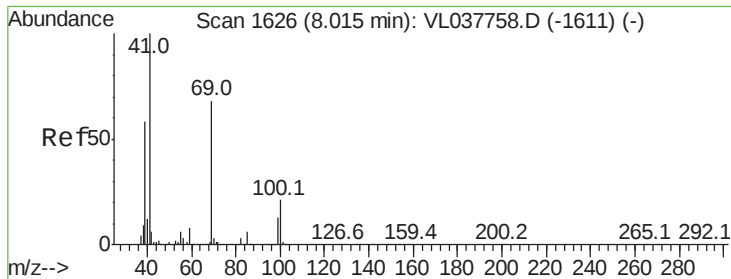
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#42
Bromodichloromethane
Concen: 11.609 ppbv
RT: 7.79 min Scan# 1557
Delta R.T. 0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 83 Resp: 2448238
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.5 6.2 9.4





#43

Methyl Methacrylate

Concen: 12.281 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

69 100

41 148.

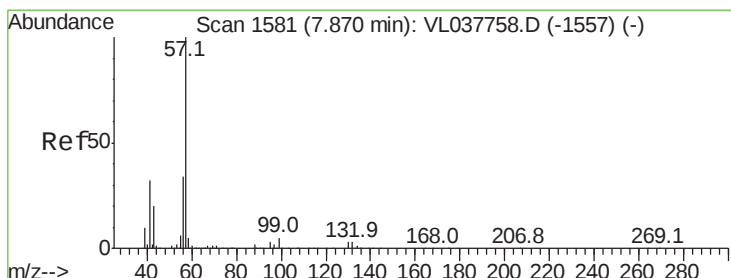
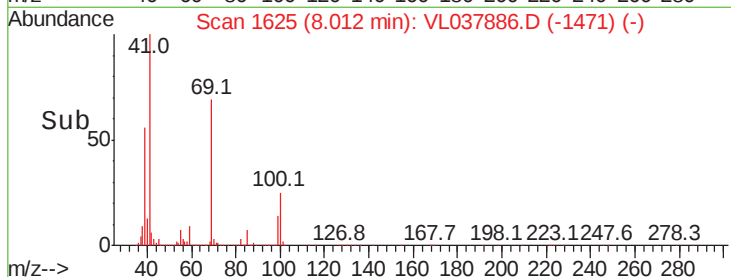
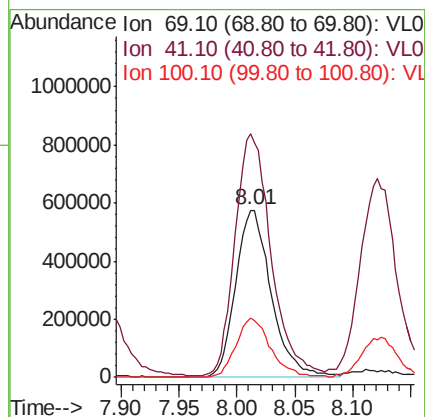
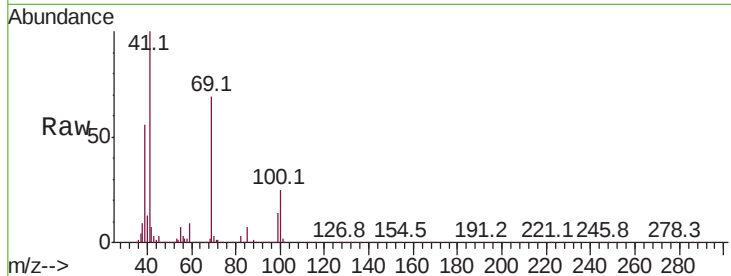
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#44

2,2,4-Trimethylpentane

Concen: 11.280 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

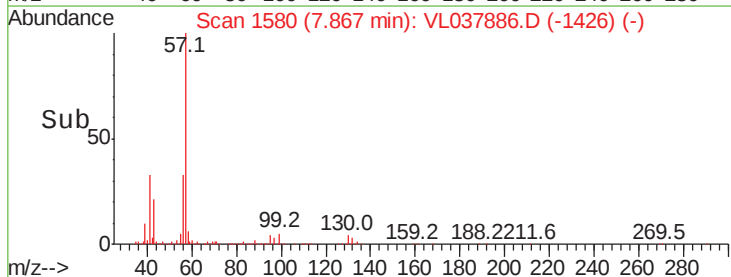
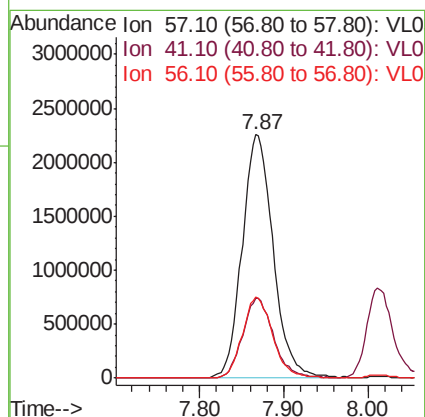
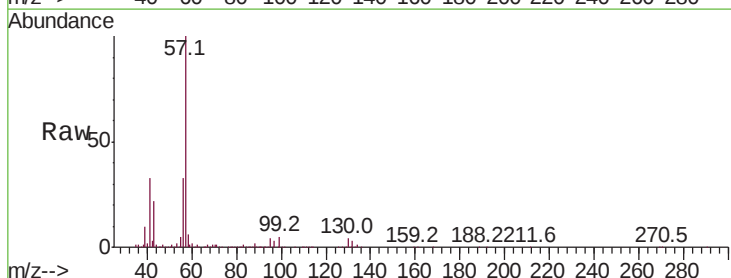
Tgt Ion: 57 Resp: 5778924

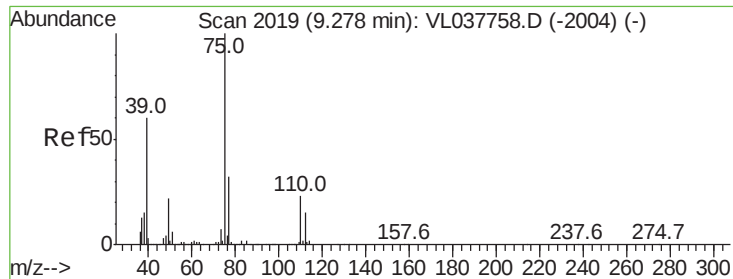
Ion Ratio Lower Upper

57 100

41 32.8 25.6 38.4

56 32.4 25.5 38.3



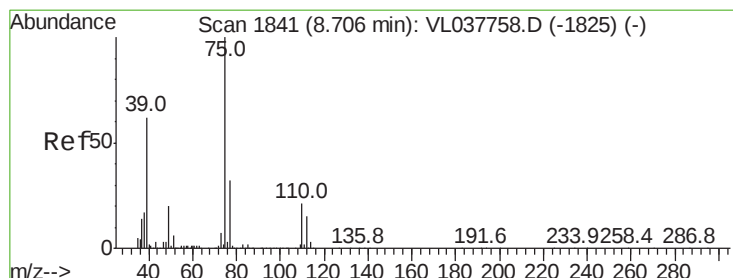
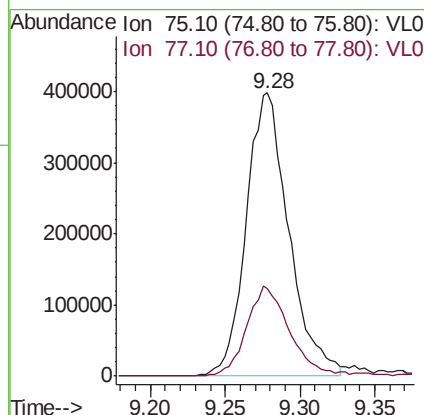
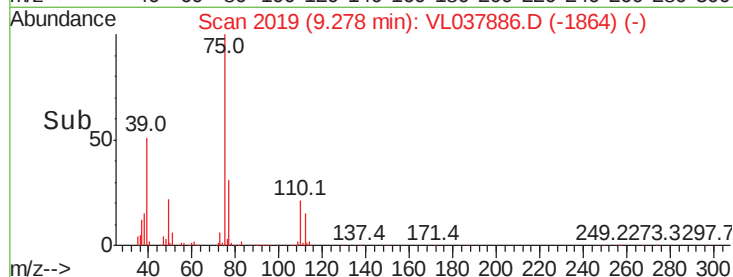
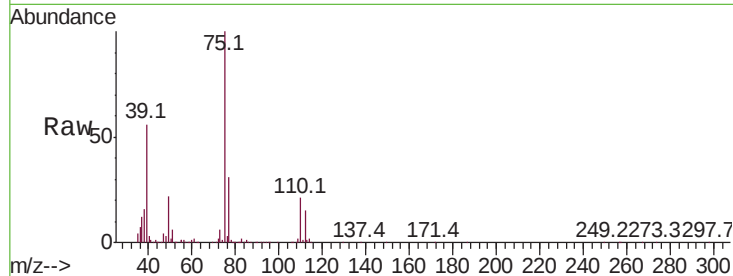


#45
t-1,3-Dichloropropene
Concen: 11.474 ppbv
RT: 9.28
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
75 100
77 30.

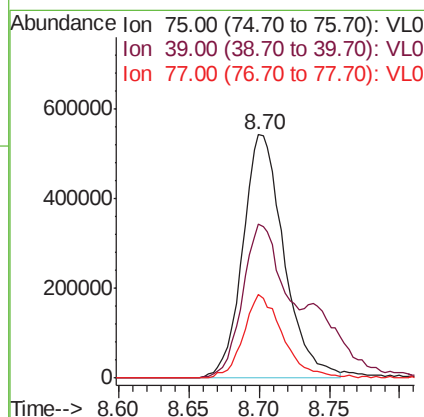
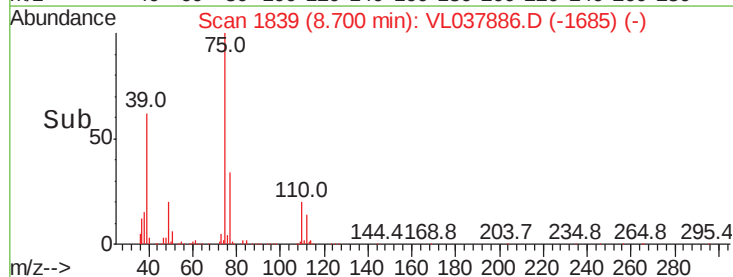
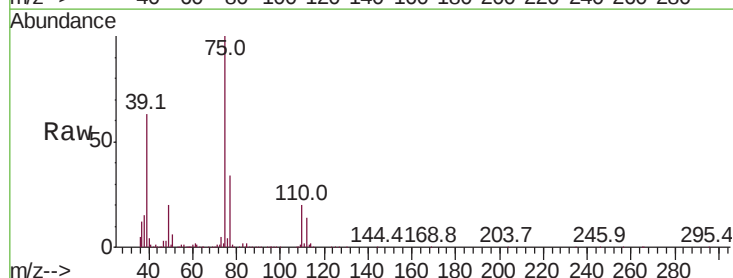
Manual Integrations
APPROVED

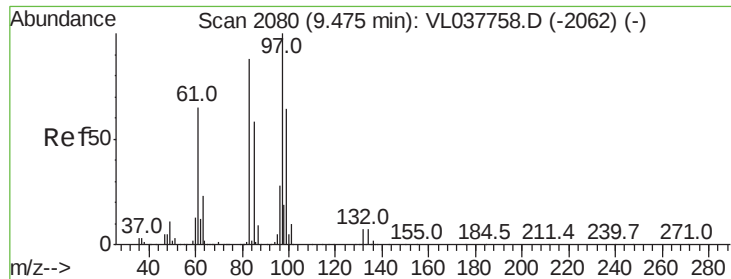
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#46
cis-1,3-Dichloropropene
Concen: 11.707 ppbv
RT: 8.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 75 Resp: 1112025
Ion Ratio Lower Upper
75 100
39 63.0 49.9 74.9
77 34.1 25.9 38.9



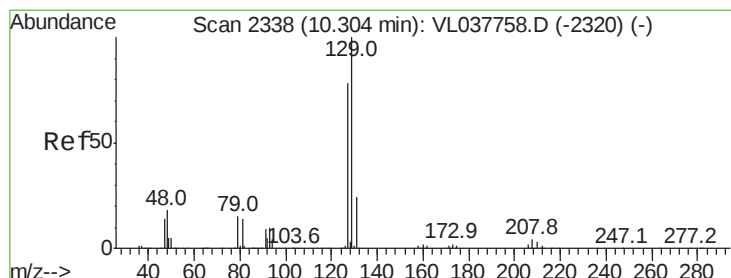
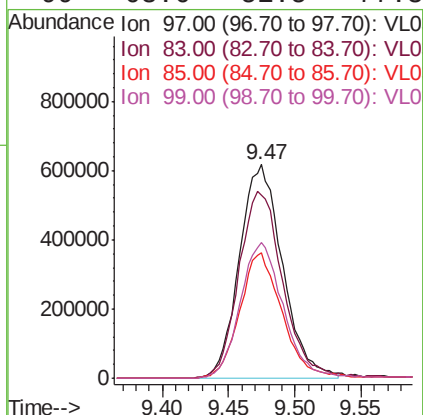
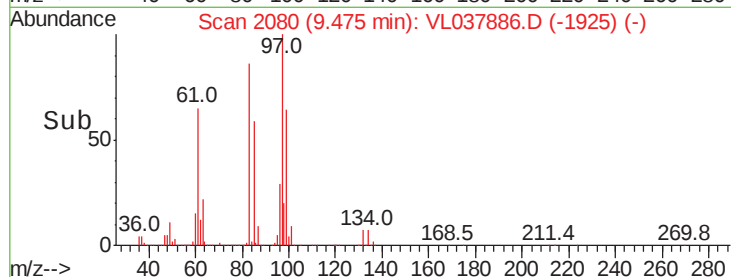
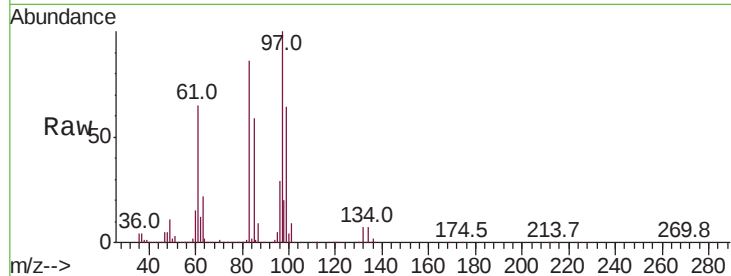


#47
 1,1,2-Trichloroethane
 Concen: 11.208 ppbv
 RT: 9.47
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tot Ion:
 Ion Ratio
 97 100
 83 85.
 85 58.
 99 63.6 51.5 77.3

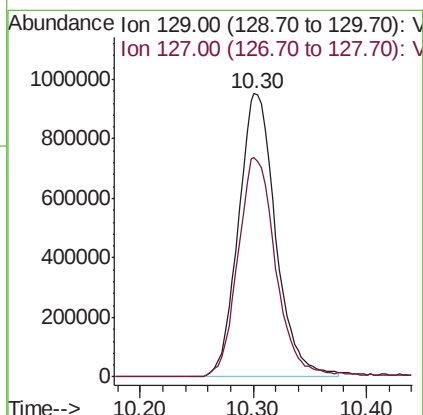
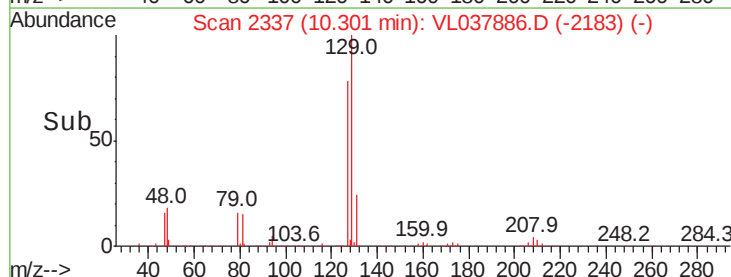
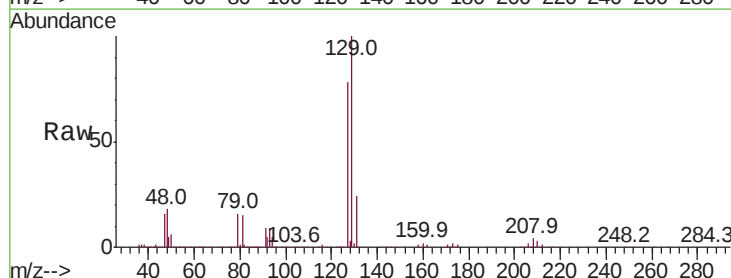
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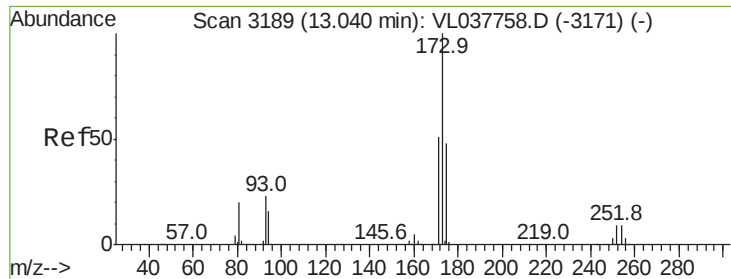
Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#48
 Dibromochloromethane
 Concen: 12.282 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:129 Resp: 2183125
 Ion Ratio Lower Upper
 129 100
 127 79.8 39.5 118.5





#49

Bromoform

Concen: 13.010 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:1

Ion Ratio

173 100

175 54.

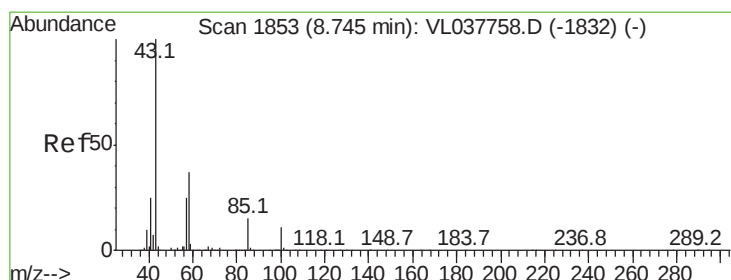
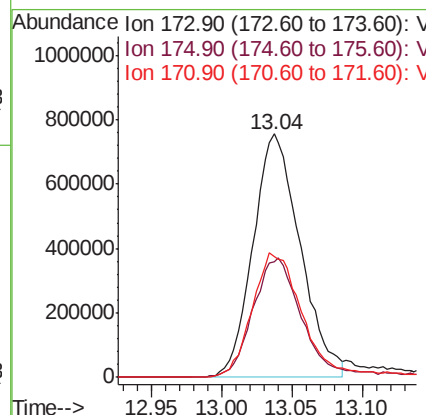
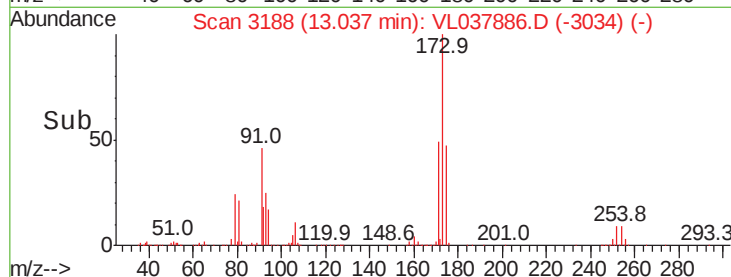
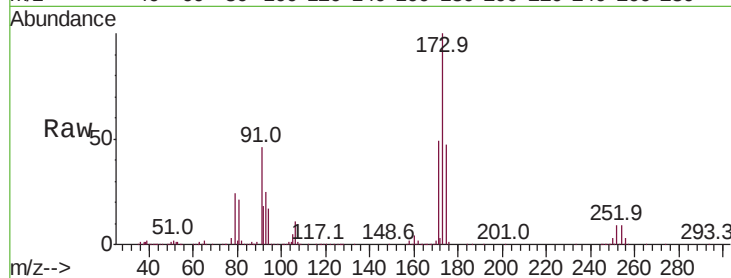
171 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#50

4-Methyl-2-Pentanone

Concen: 12.252 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VL037886.D

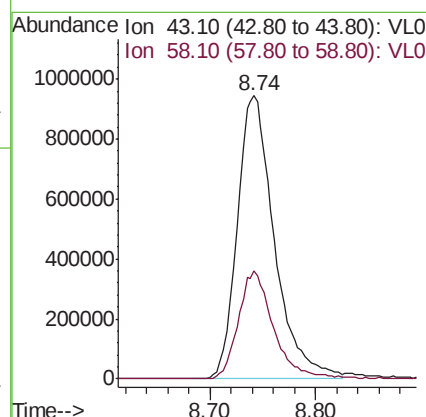
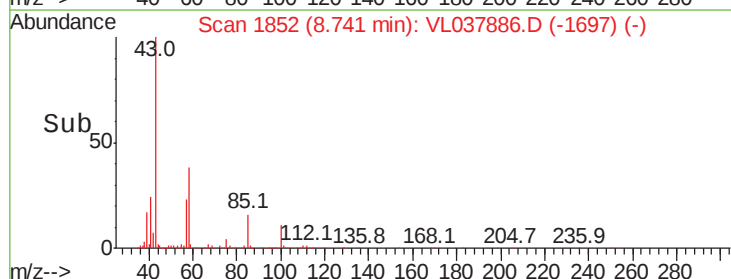
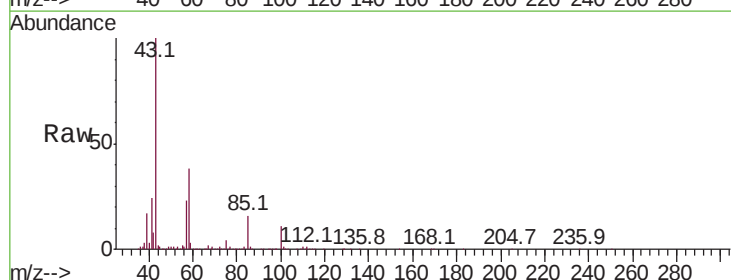
Acq: 20 Oct 2021 14:02

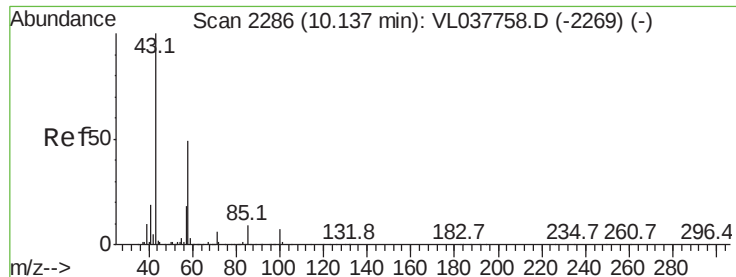
Tgt Ion: 43 Resp: 2298748

Ion Ratio Lower Upper

43 100

58 36.6 29.4 44.0



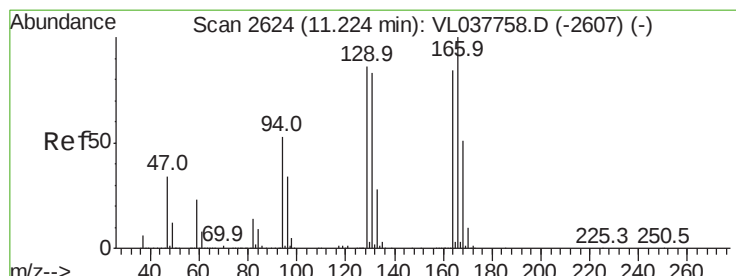
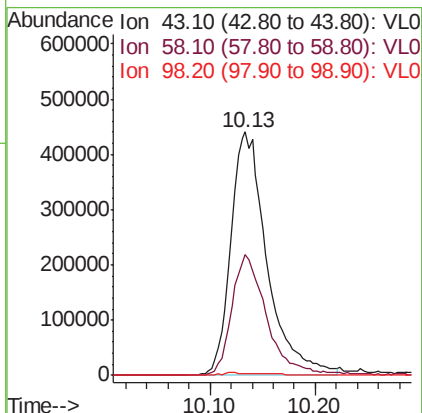
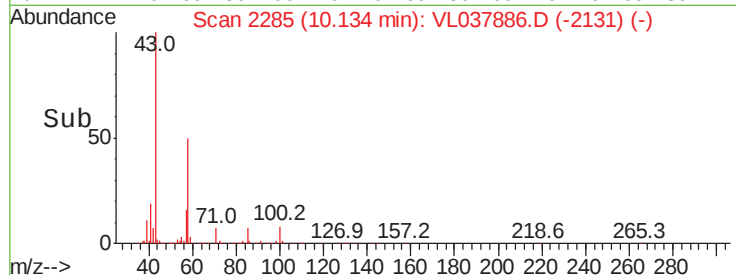
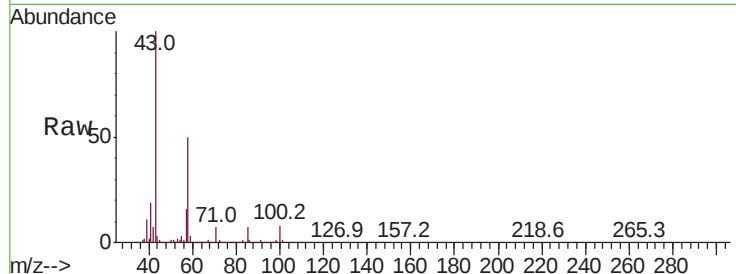


#51
2-Hexanone
Concen: 12.548 ppbv
RT: 10.13 min
Delta R.T.: 0.00 min
Lab File: VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
43 100
58 48.1
98 1.1

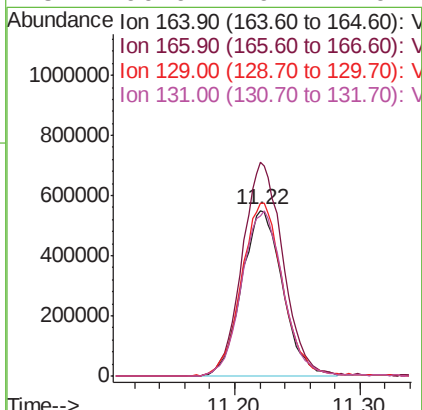
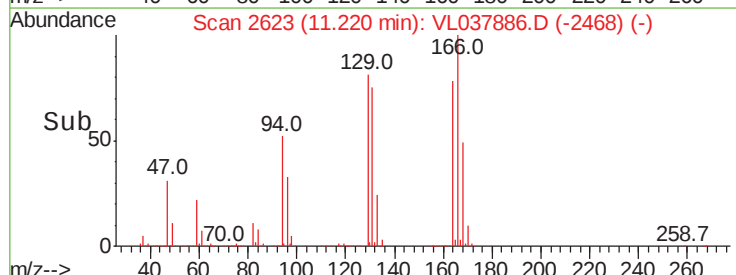
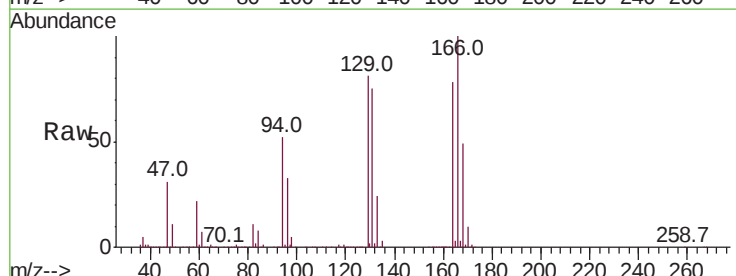
Manual Integrations
APPROVED

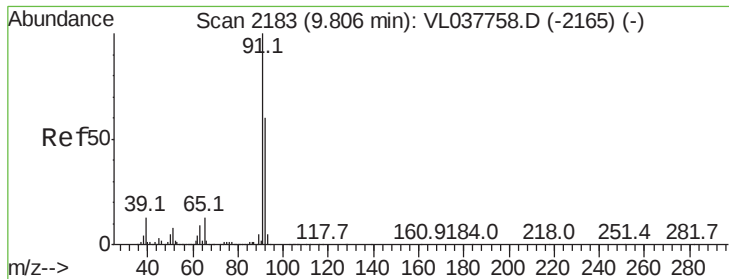
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#52
Tetrachloroethene
Concen: 10.494 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion:164 Resp: 1244986
Ion Ratio Lower Upper
164 100
166 128.8 95.4 143.2
129 104.3 82.2 123.4
131 96.9 79.4 119.2





#53

Toluene

Concen: 11.797 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

91 100

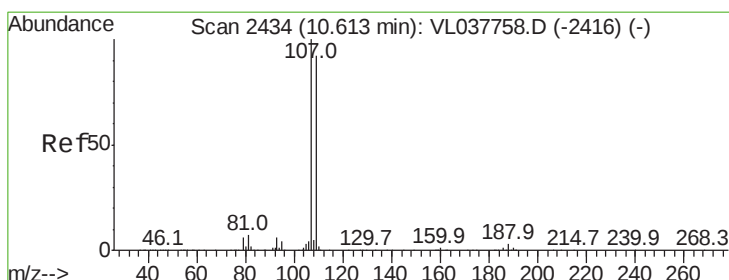
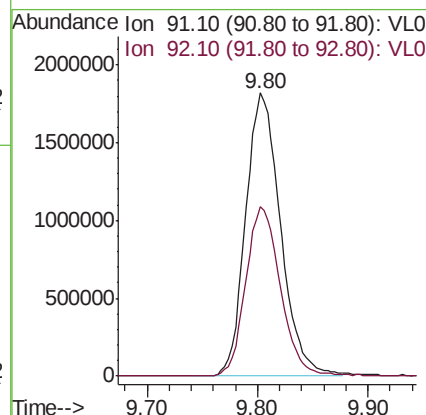
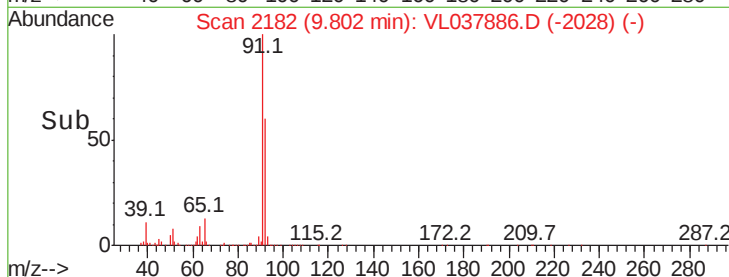
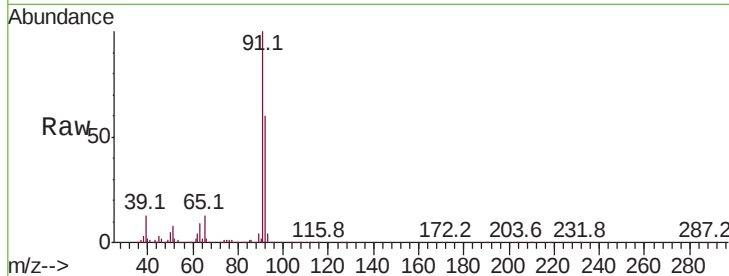
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#54

1,2-Dibromoethane

Concen: 11.423 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.00 min

Lab File: VL037886.D

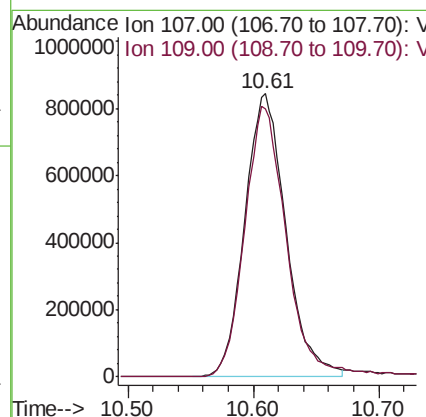
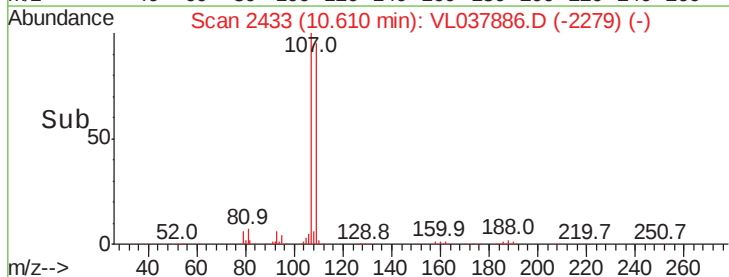
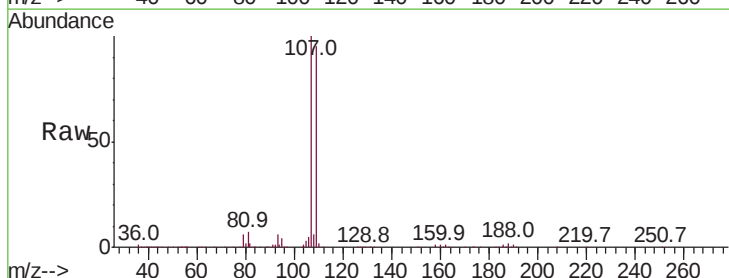
Acq: 20 Oct 2021 14:02

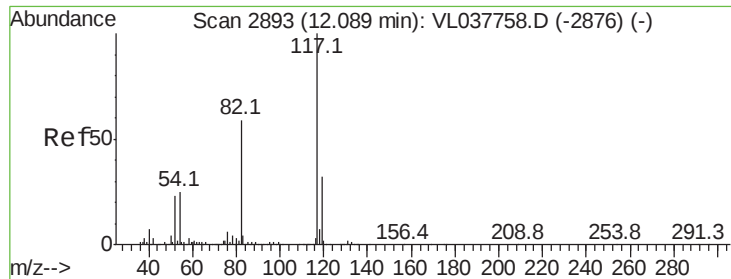
Tgt Ion:107 Resp: 1923952

Ion Ratio Lower Upper

107 100

109 94.5 73.8 110.6



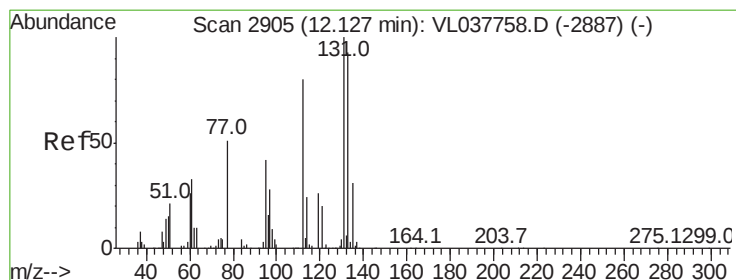
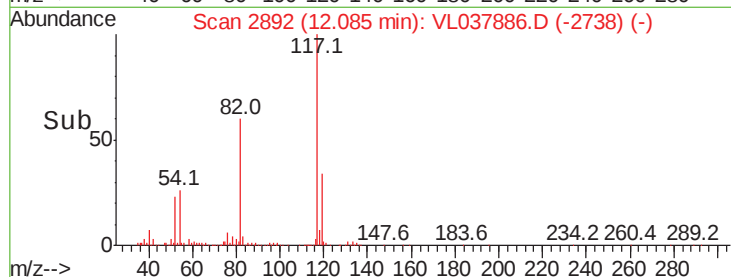
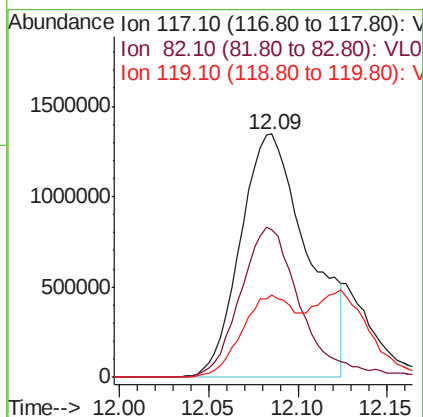
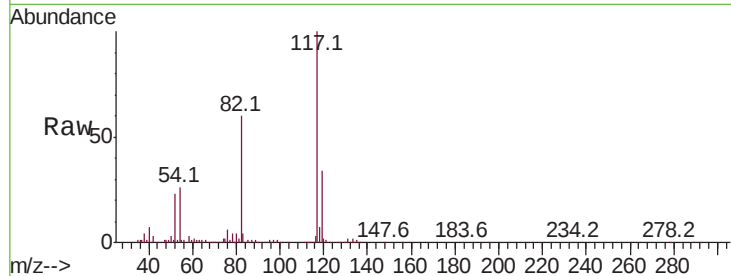


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tot Ion:1
Ion Rati
117 100
82 56.
119 26.

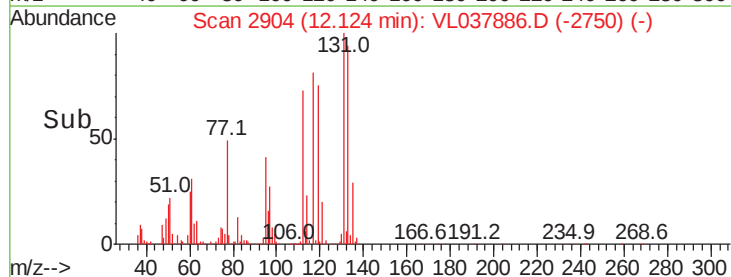
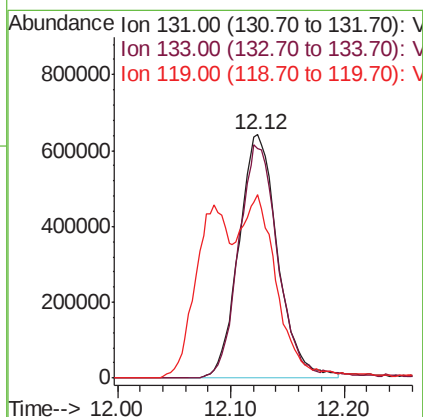
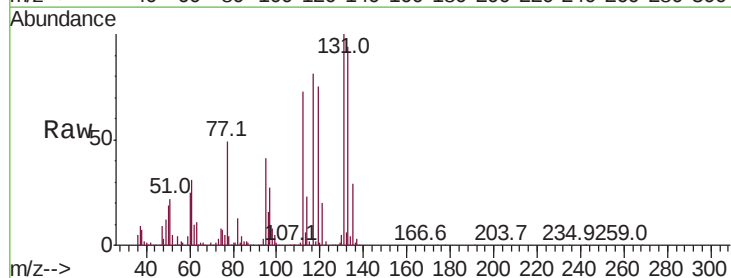
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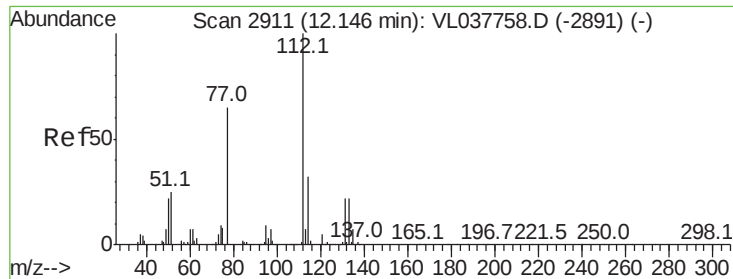
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.505 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion:131 Resp: 1537915
Ion Ratio Lower Upper
131 100
133 99.3 78.5 117.7
119 76.8 51.7 77.5



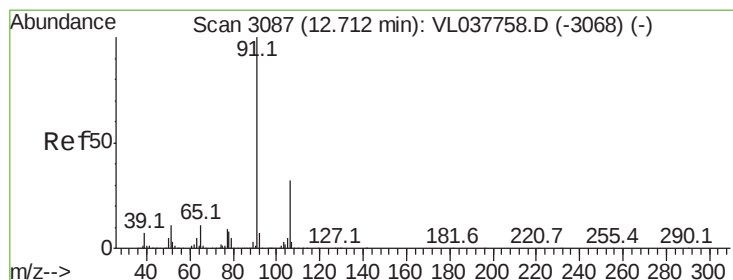
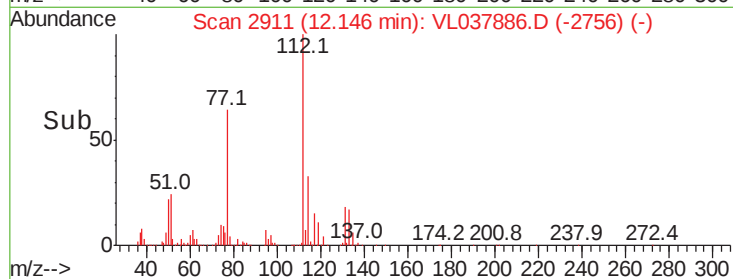
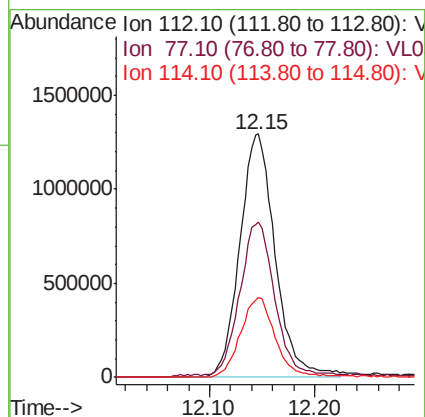
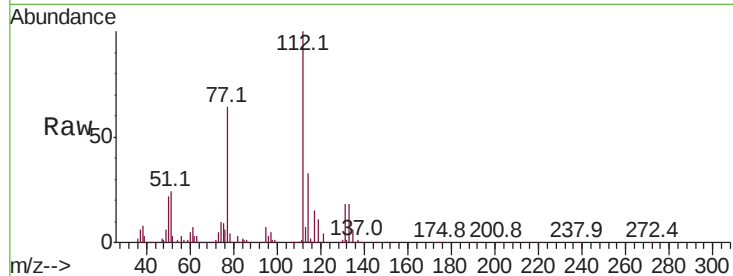


#57
Chlorobenzene
Concen: 10.407 ppbv
RT: 12.15
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 14:02

Tot Ion: 1
Ion Ratio
112 100
77 62.
114 32.

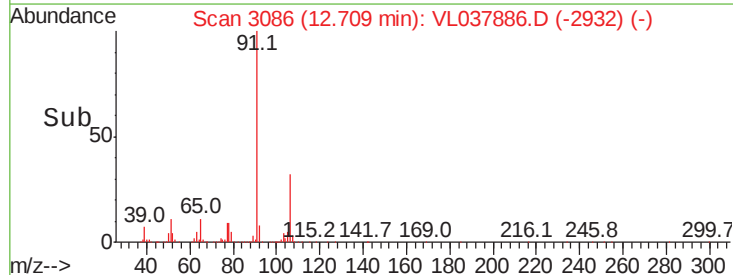
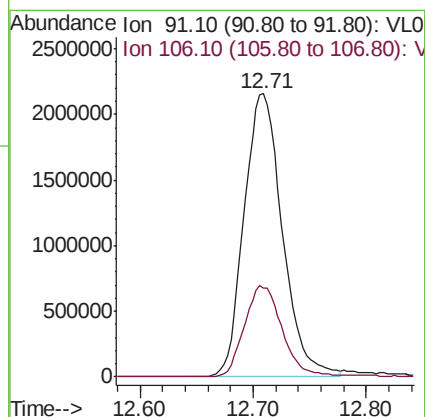
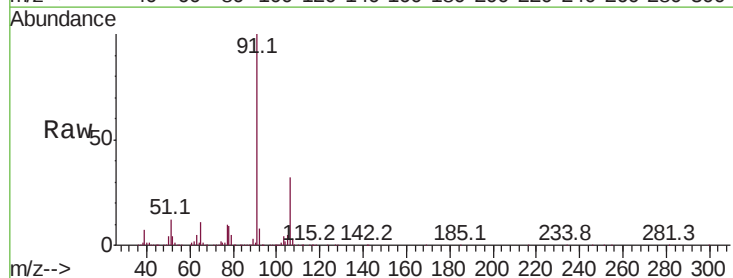
Manual Integrations
APPROVED

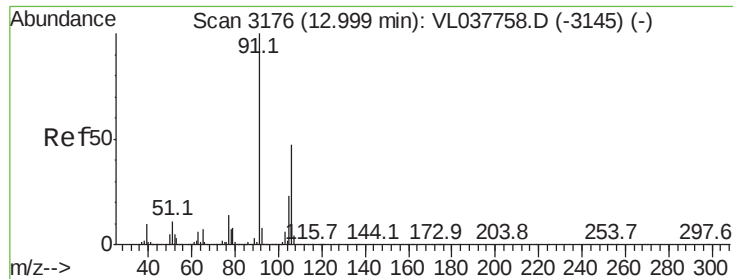
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#58
Ethyl Benzene
Concen: 10.732 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 91 Resp: 5096459
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



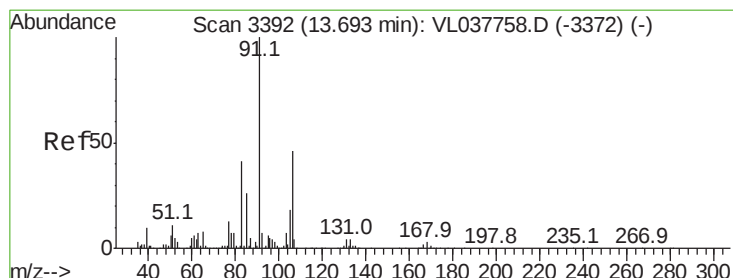
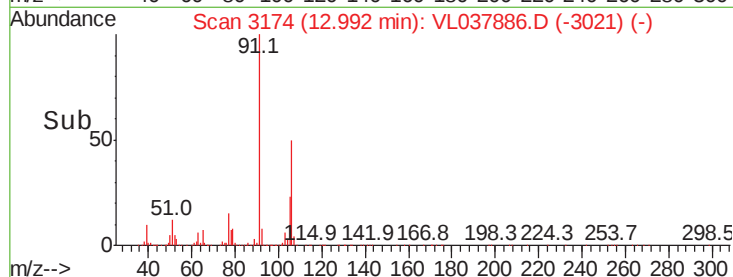
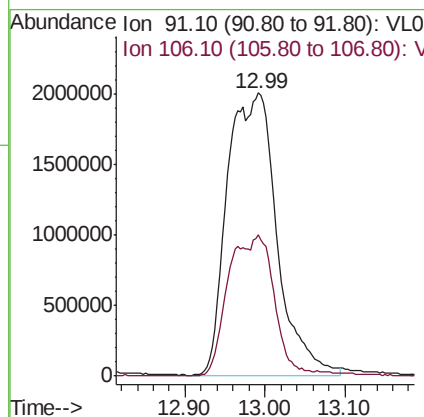
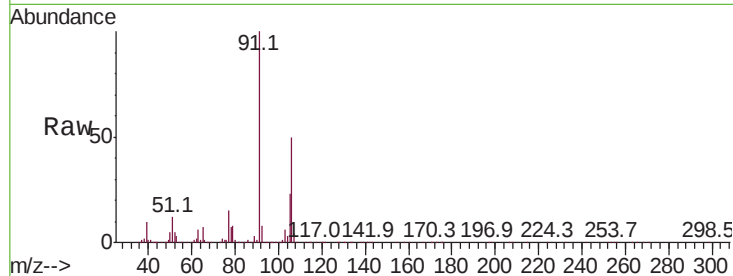


#59
m/p-Xylene
Concen: 21.428 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: -0.00 min
Lab File: VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion:
Ion Ratio
91 100
106 46.

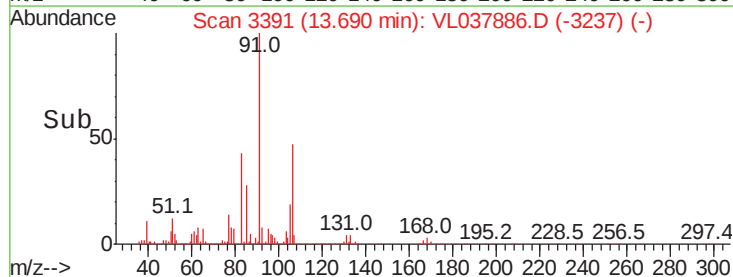
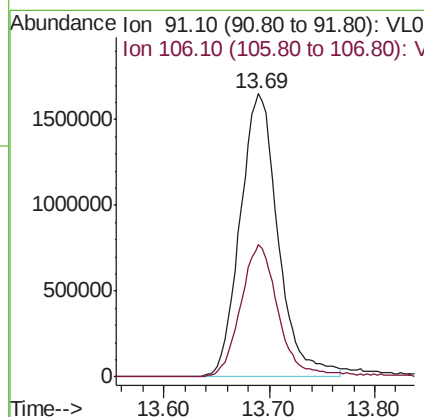
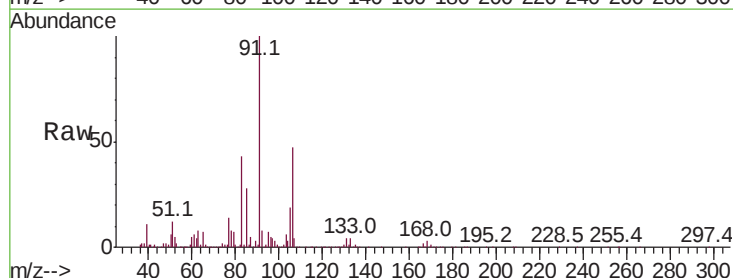
Manual Integrations
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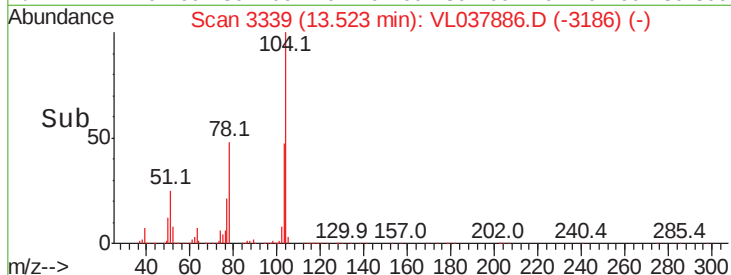
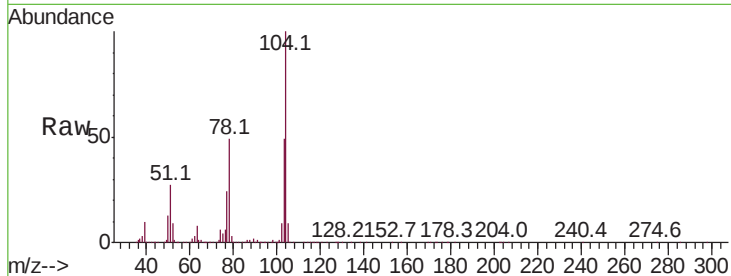
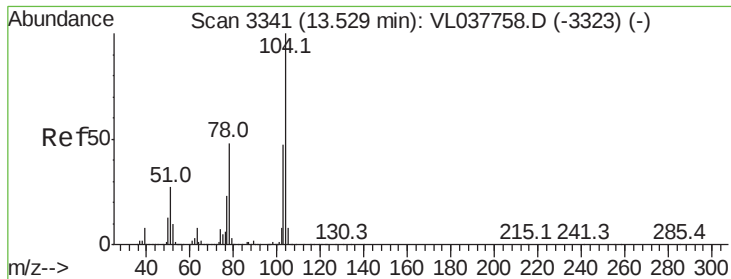
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#60
o-Xylene
Concen: 10.536 ppbv
RT: 13.69 min Scan# 3391
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 91 Resp: 4116069
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5



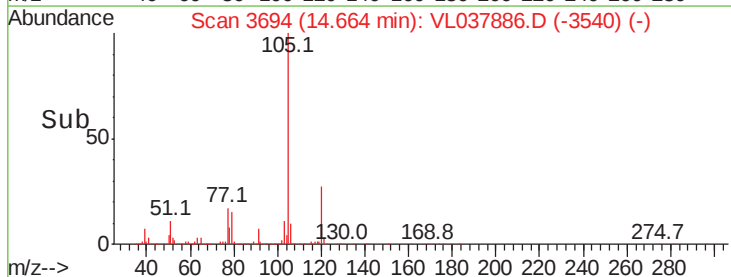
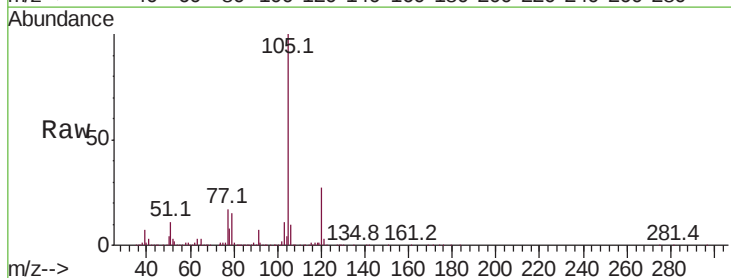
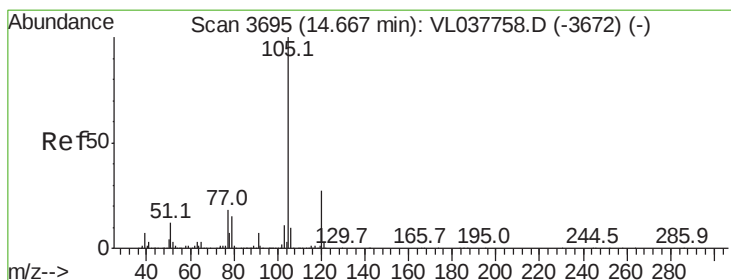
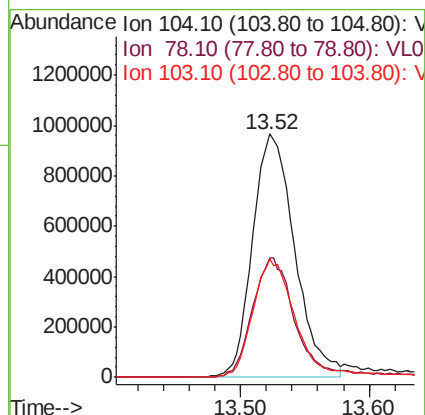


#61
Stvrene
Concen: 11.655 ppbv
RT: 13.52
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VL1020ABS01
Acq: 20 Oct 2021 14:02

Tot Ion: 1
Ion Ratio
104 100
78 51.
103 50.

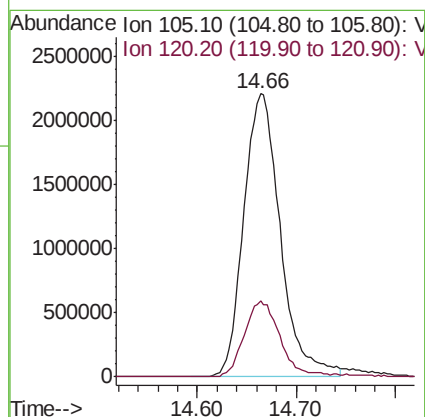
Manual Integrations
APPROVED

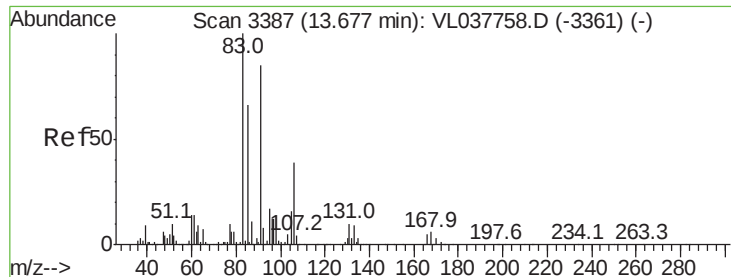
Reviewed By : Semsettin Yesilyurt 11/09/2021
Supervised By : Mahesh Dadoda 11/09/2021



#62
Isopropylbenzene
Concen: 10.453 ppbv
RT: 14.66 min Scan# 3694
Delta R.T.: -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion: 105 Resp: 5695835
Ion Ratio Lower Upper
105 100
120 27.0 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.051 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

83 100

131 10.

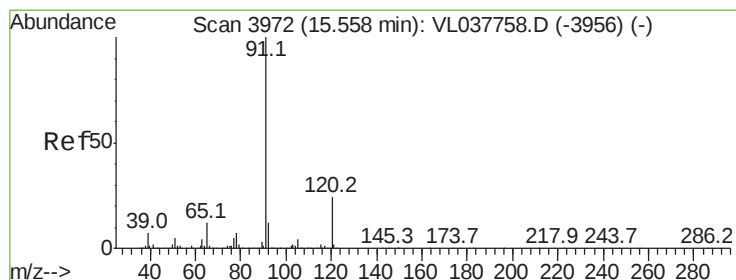
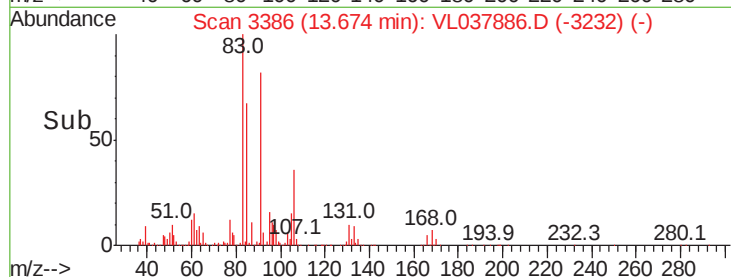
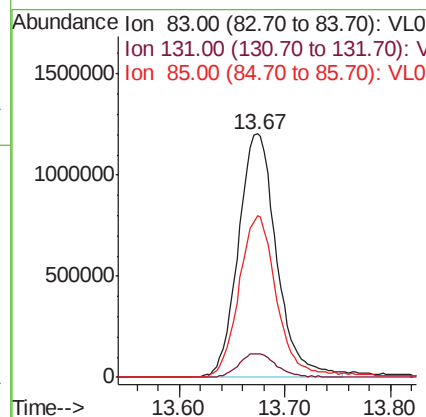
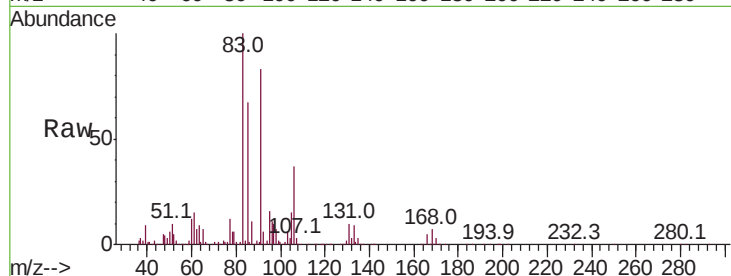
85 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#64

n-propylbenzene

Concen: 11.126 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VL037886.D

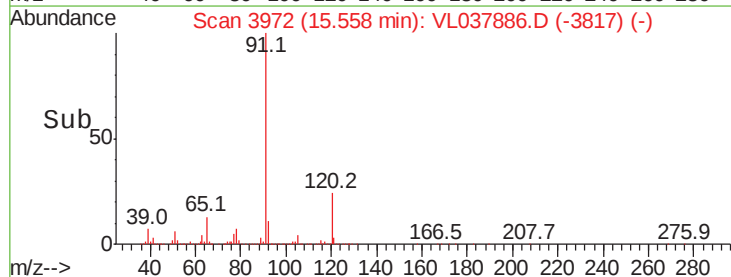
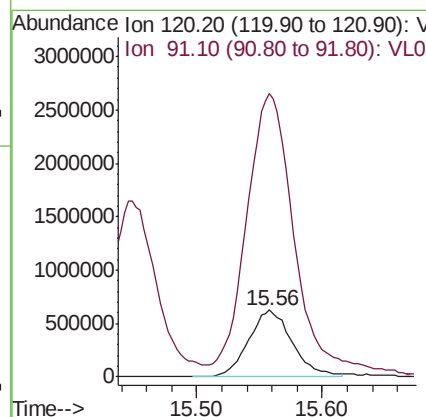
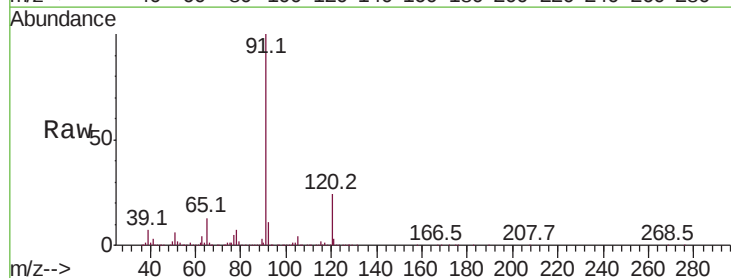
Acq: 20 Oct 2021 14:02

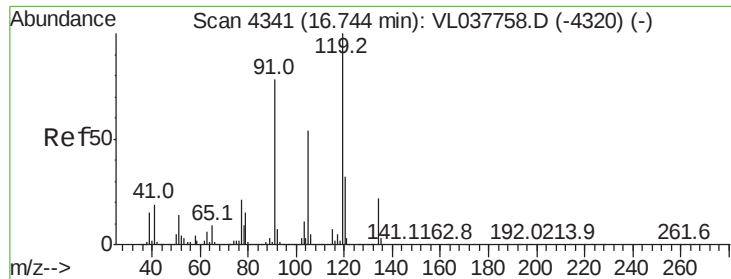
Tgt Ion:120 Resp: 1511768

Ion Ratio Lower Upper

120 100

91 477.2 375.0 562.6





#65

tert-Butylbenzene

Concen: 10.595 ppbv

RT: 16.74

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:1

Ion Ratio

119 100

91 77.

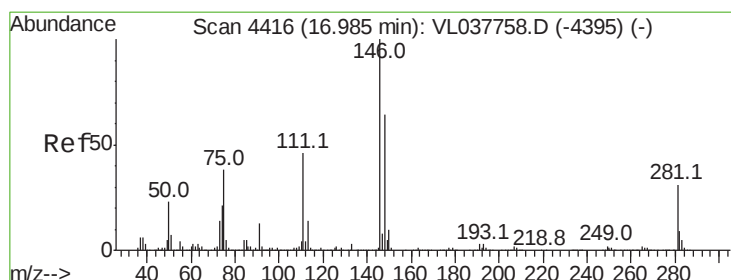
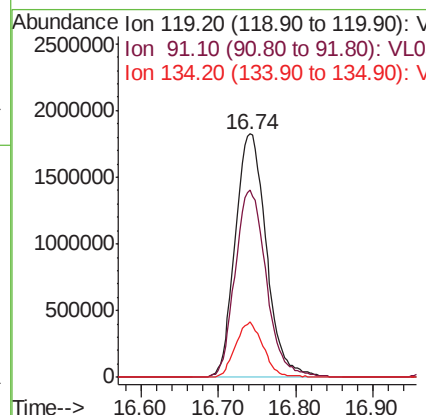
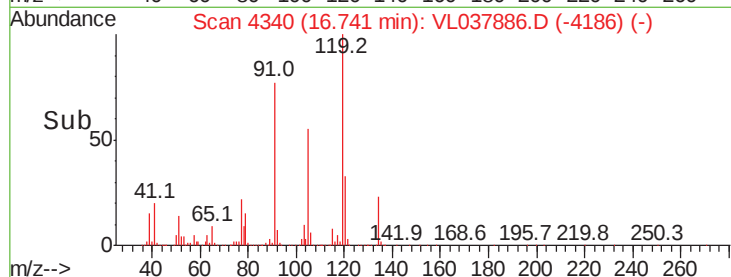
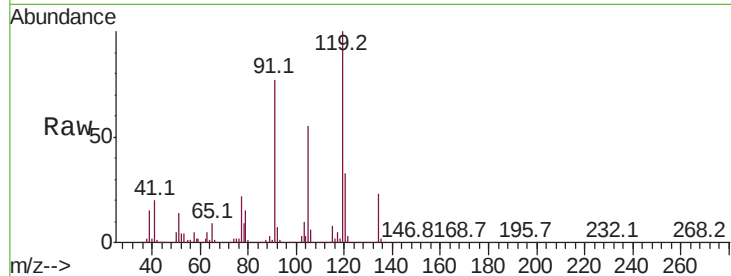
134 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#66

Benzyl Chloride

Concen: 10.376 ppbv

RT: 16.98 min Scan# 4415

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

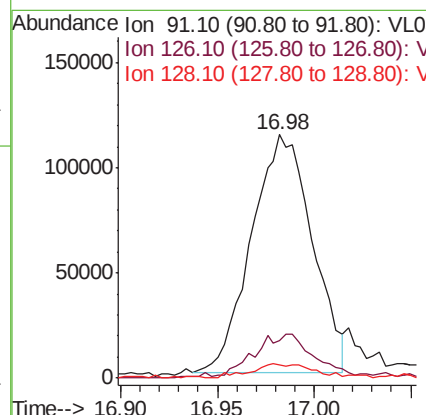
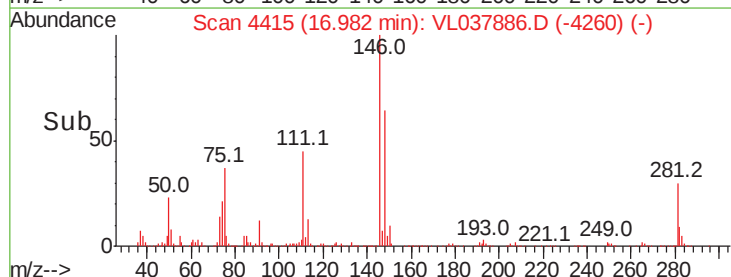
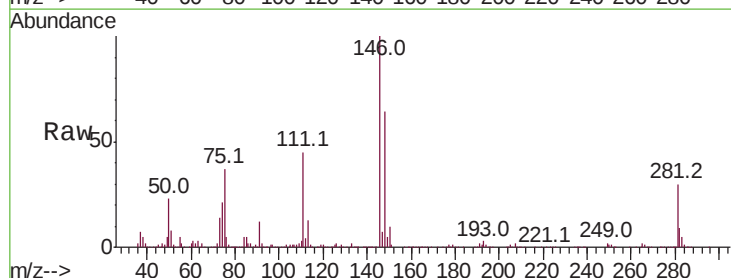
Tgt Ion: 91 Resp: 245551

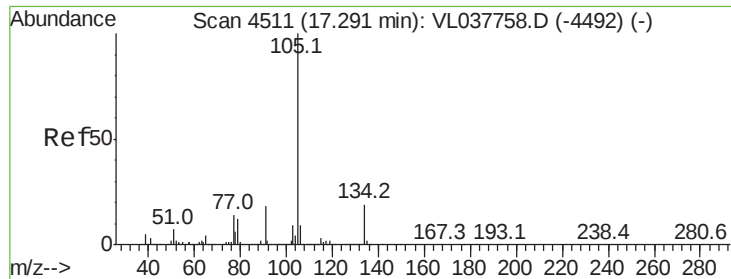
Ion Ratio Lower Upper

91 100

126 19.7 0.0 0.0#

128 6.8 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.904 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:1

Ion Ratio

105 100

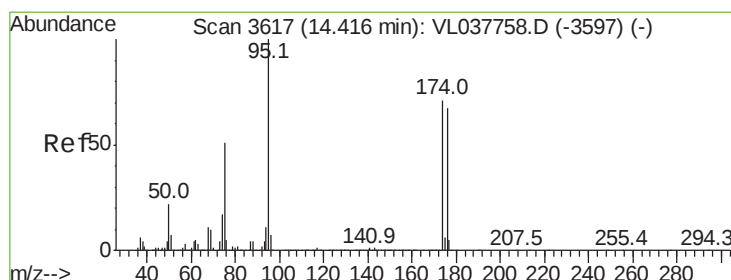
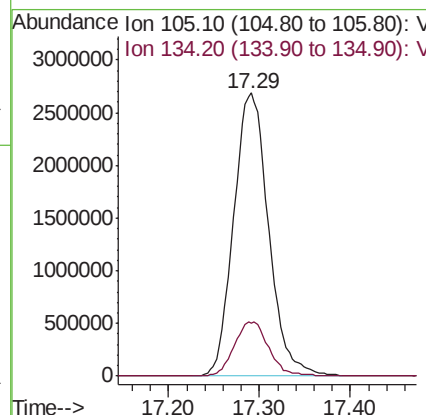
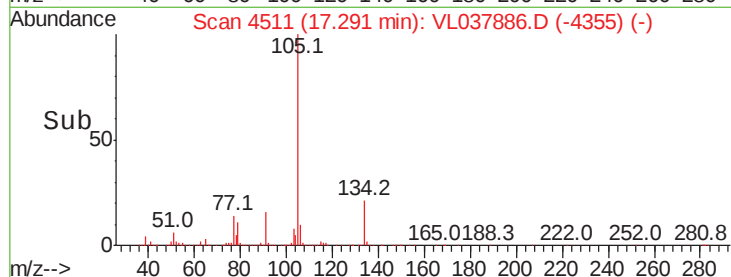
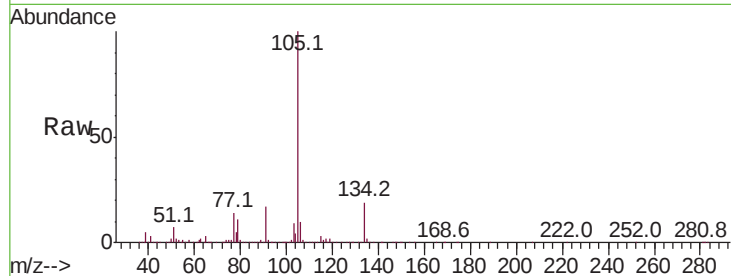
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.251 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.01 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

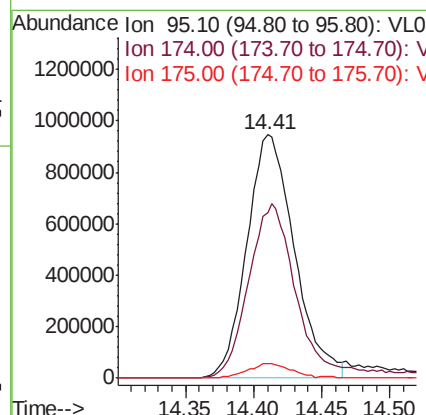
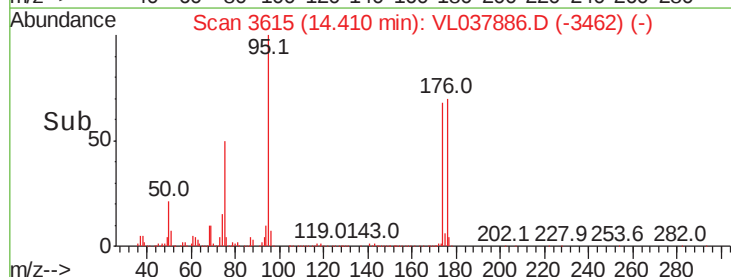
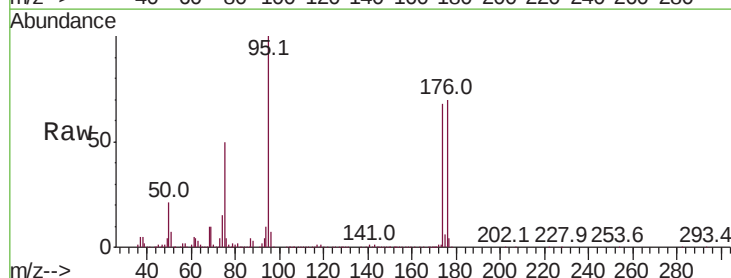
Tgt Ion: 95 Resp: 2287847

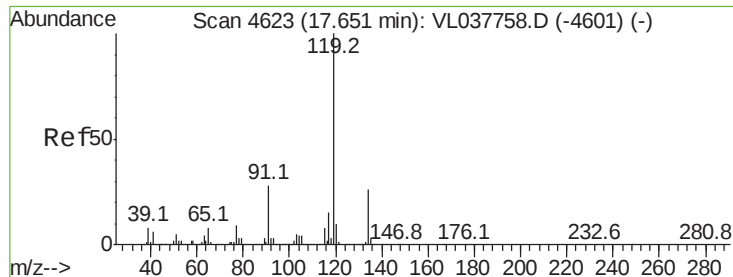
Ion Ratio Lower Upper

95 100

174 75.4 57.8 86.6

175 5.9 4.7 7.1



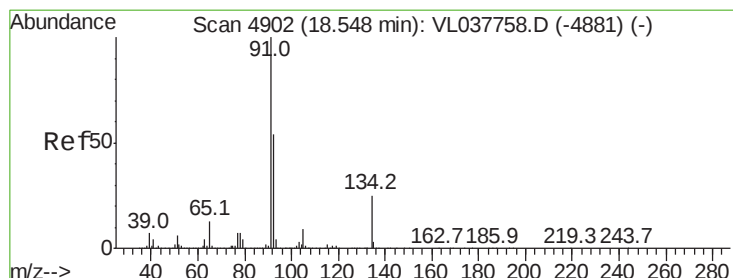
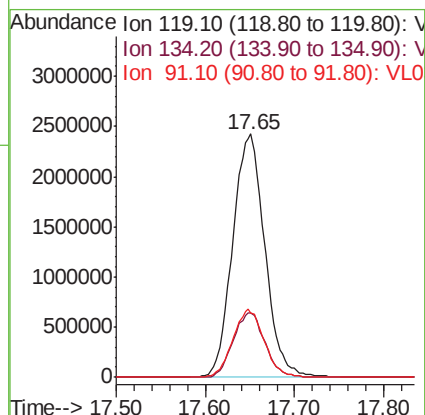
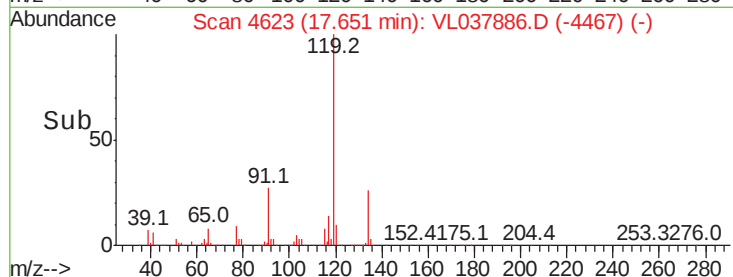
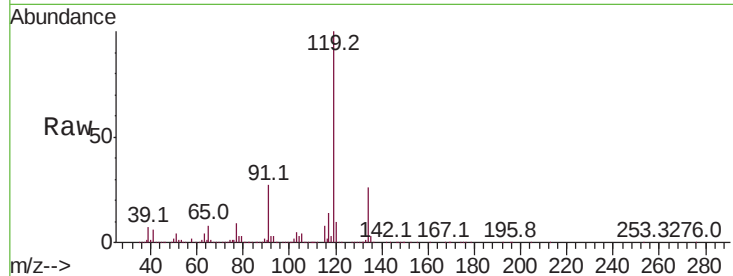


#69
 p-Isopropyltoluene
 Concen: 11.391 ppbv
 RT: 17.65 min
 Delta R.T.: 0.00 min
 Lab File: VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.1
 91 27.1

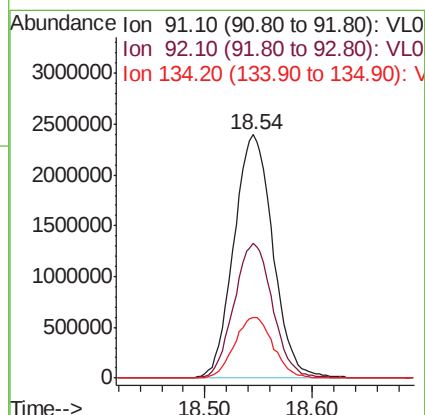
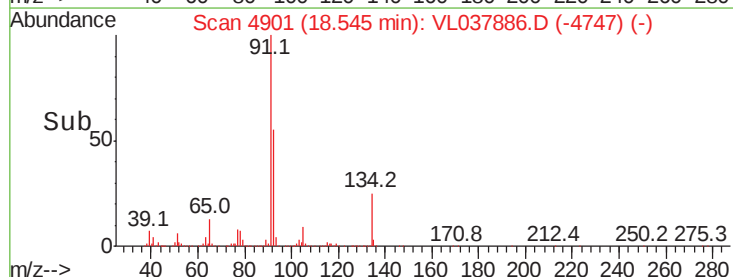
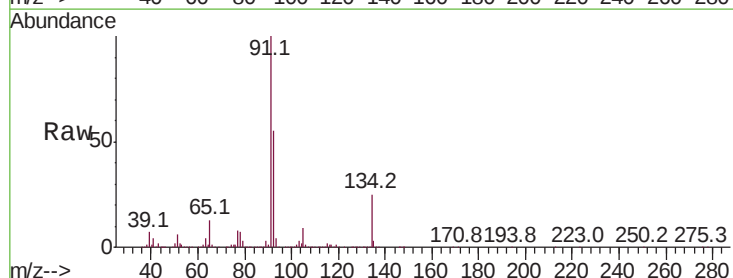
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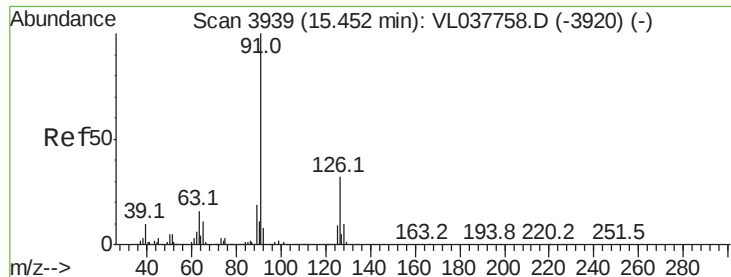
Reviewed By : Semsettin Yesilyurt 11/09/2021
 Supervised By : Mahesh Dadoda 11/09/2021



#70
 n-Butylbenzene
 Concen: 11.928 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 91 Resp: 6007781
 Ion Ratio Lower Upper
 91 100
 92 55.2 43.4 65.0
 134 24.9 19.8 29.6





#71

2-Chlorotoluene

Concen: 10.860 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:

Ion Ratio

91 100

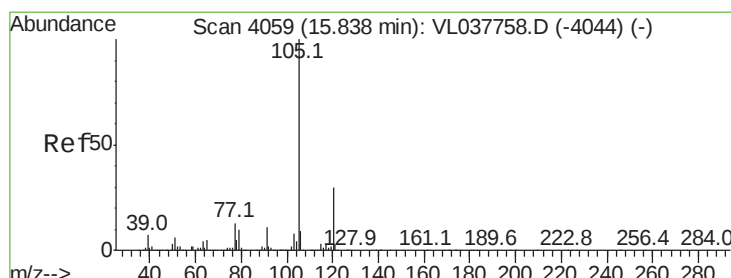
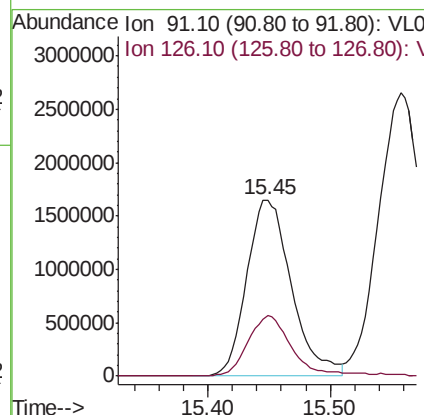
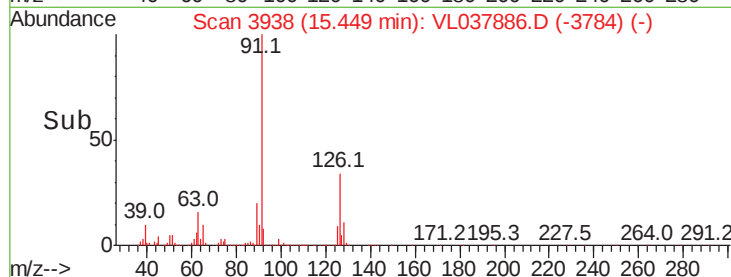
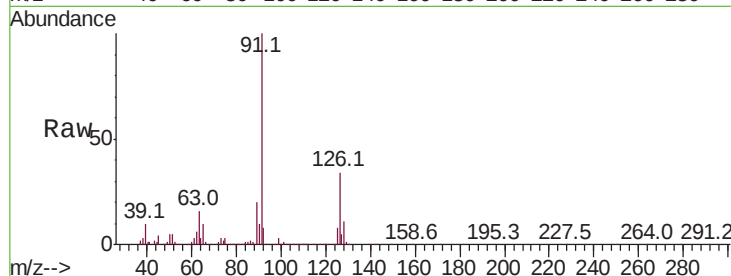
126 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#72

4-Ethyltoluene

Concen: 11.303 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

Tgt Ion:105 Resp: 5013674

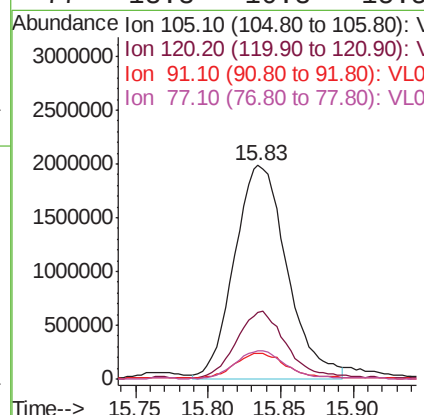
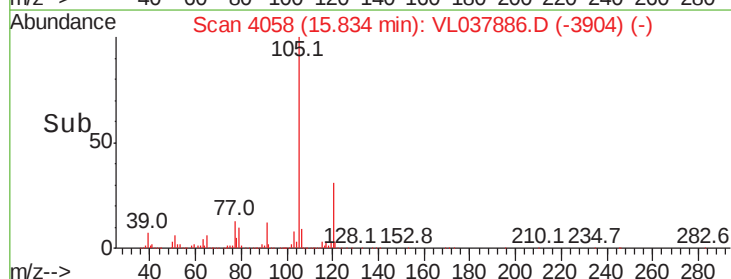
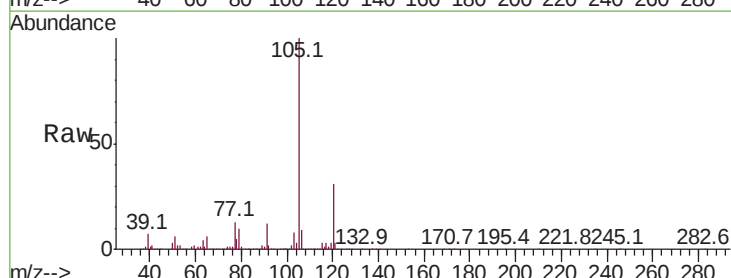
Ion Ratio Lower Upper

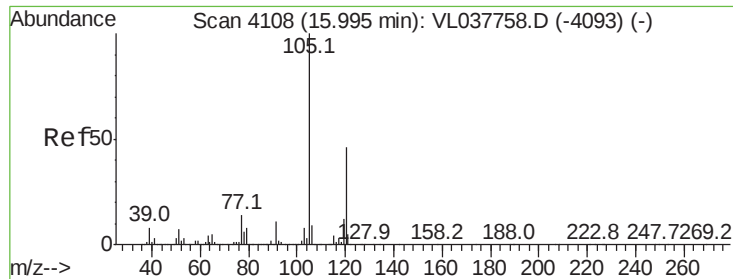
105 100

120 31.1 24.2 36.2

91 11.9 10.4 15.6

77 13.3 10.3 15.5



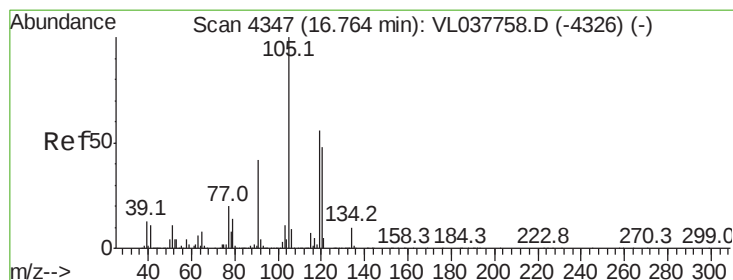
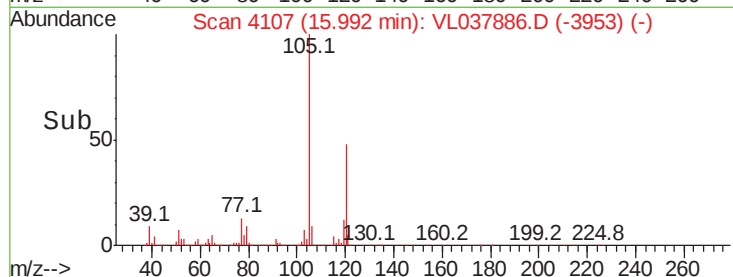
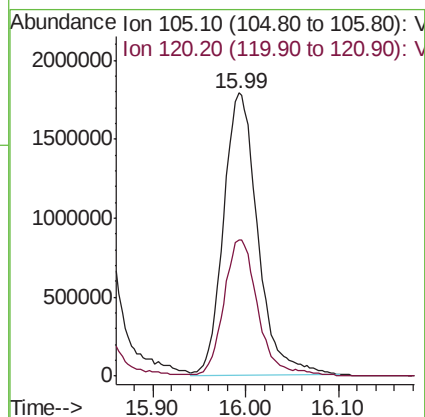
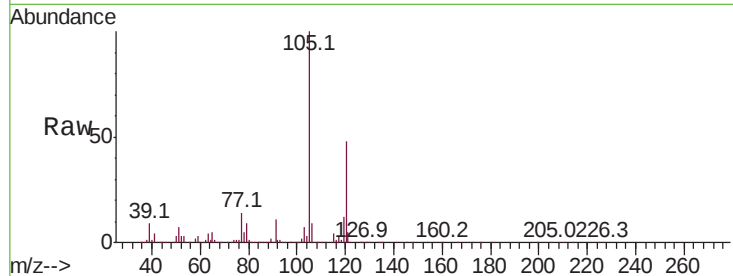


#73
 1,3,5-Trimethylbenzene
 Concen: 11.398 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId : VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tot Ion:1
 Ion Rati
 105 100
 120 48.

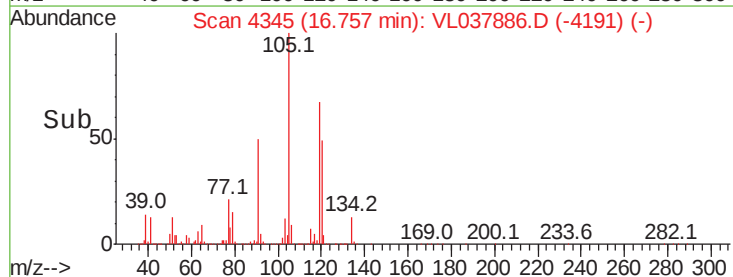
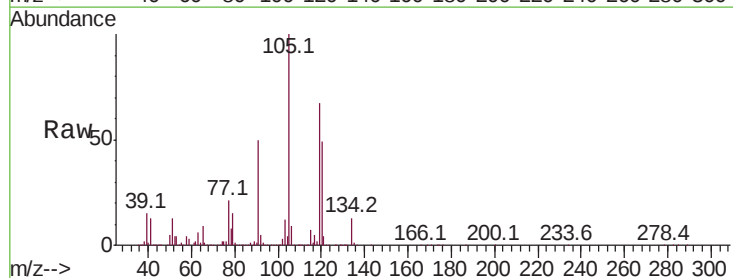
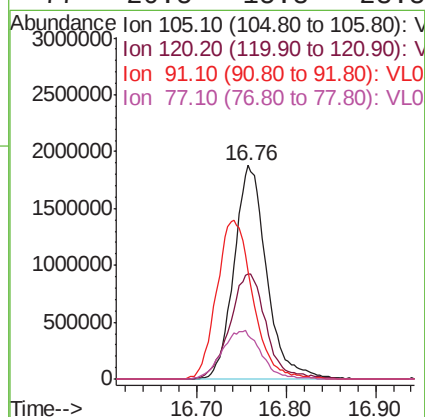
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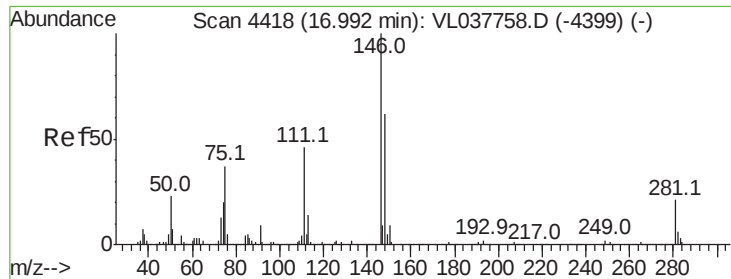
Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 11.202 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion:105 Resp: 4739567
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.4 57.6
 91 50.2 34.2 51.2
 77 20.5 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 11.237 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 14:02

Tot Ion:1

Ion Rati

146 100

111 44.

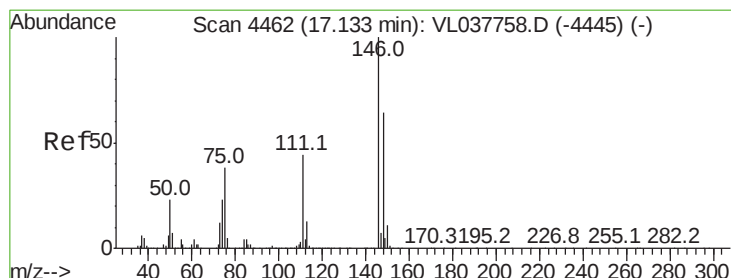
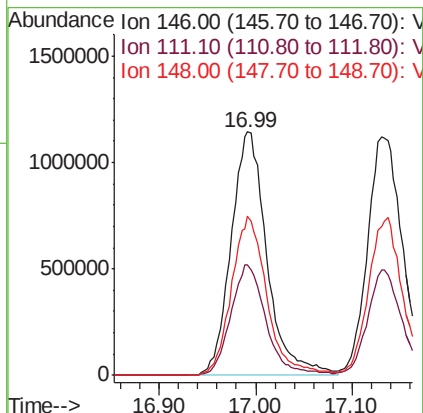
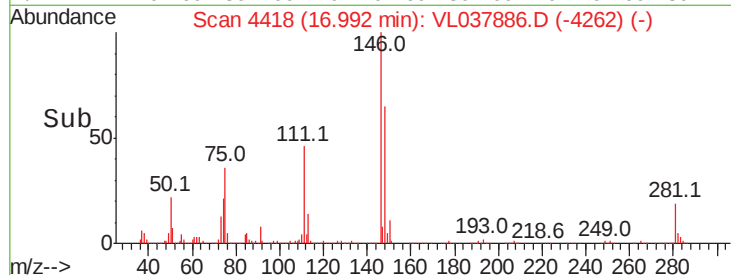
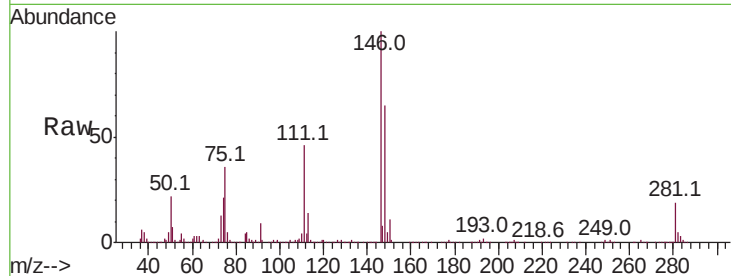
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/09/2021

Supervised By :Mahesh Dadoda 11/09/2021



#76

1,4-Dichlorobenzene

Concen: 11.635 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.00 min

Lab File: VL037886.D

Acq: 20 Oct 2021 14:02

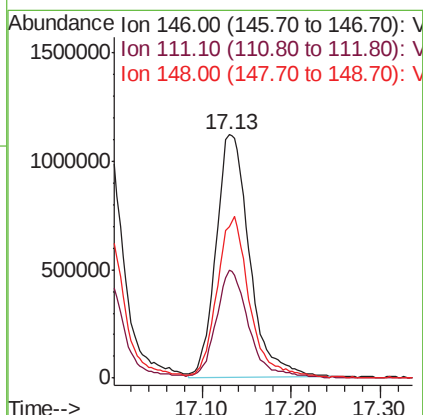
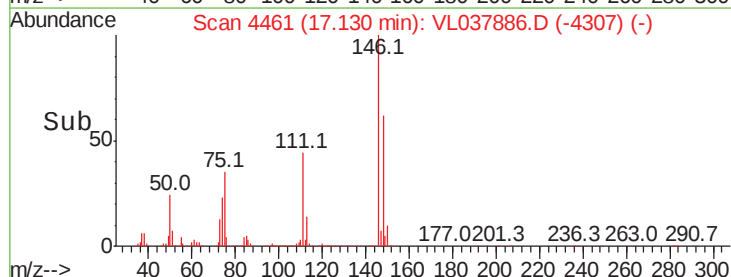
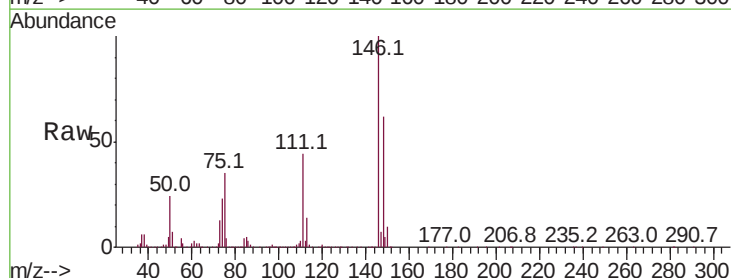
Tgt Ion:146 Resp: 2909443

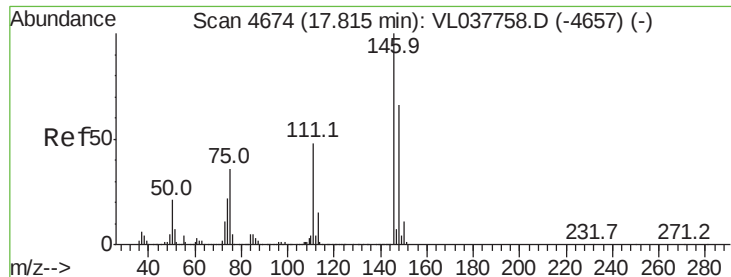
Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.3

148 65.1 33.3 99.9



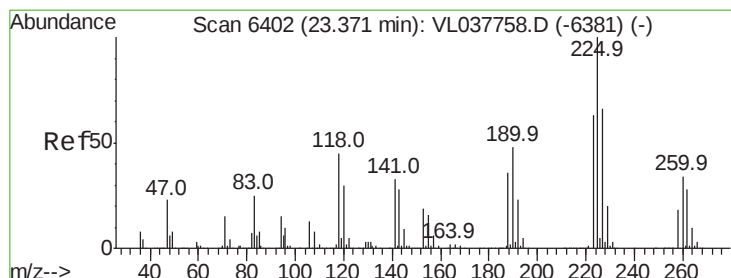
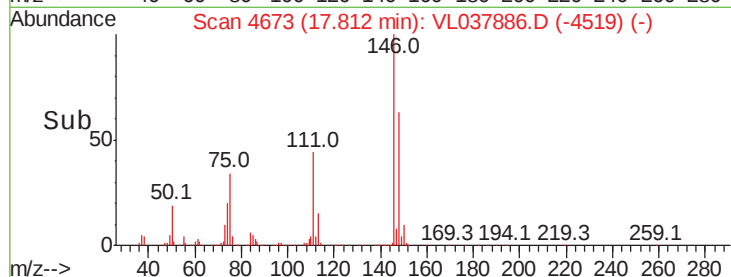
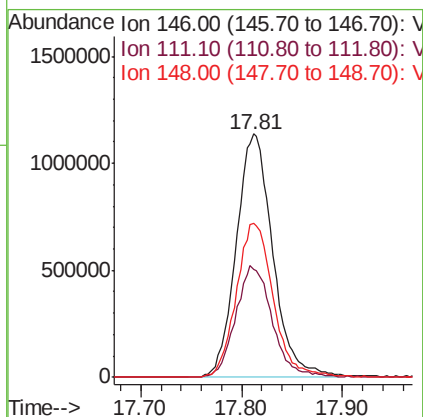
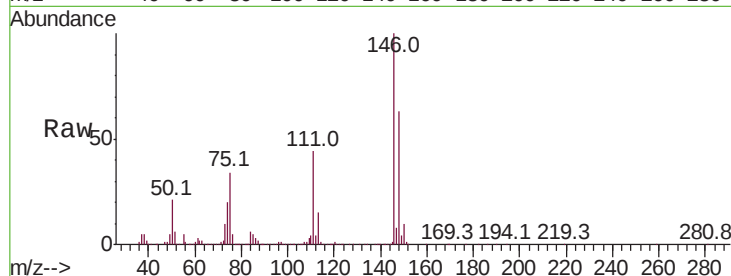


#77
 1,2-Dichlorobenzene
 Concen: 11.300 ppbv
 RT: 17.81 min
 Delta R.T.: 0.00 min
 Lab File: VL1020ABS01
 Acq: 20 Oct 2021 14:02

Tot Ion: 1
 Ion Ratio
 146 100
 111 46.
 148 64.

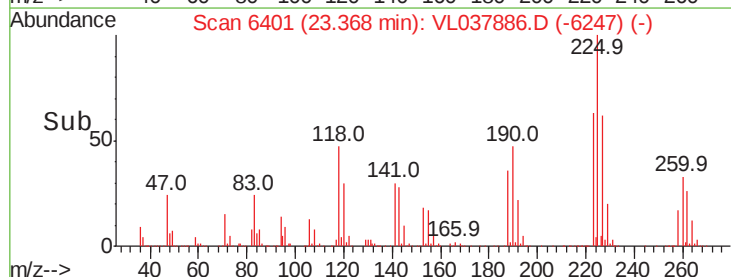
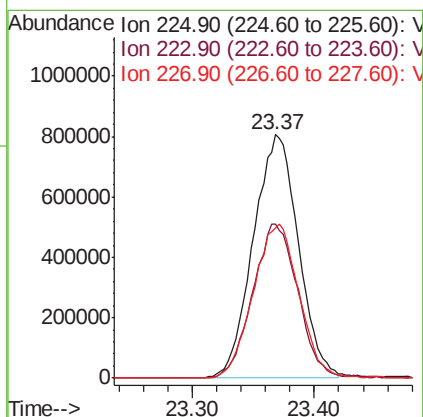
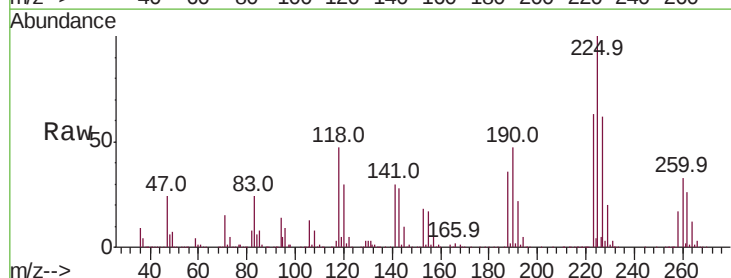
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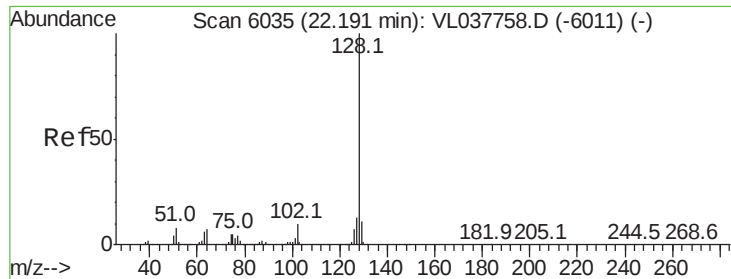
Reviewed By : Semsettin Yesilyurt 11/09/2021
 Supervised By : Mahesh Dadoda 11/09/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 10.053 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T.: -0.00 min
 Lab File: VL037886.D
 Acq: 20 Oct 2021 14:02

Tgt Ion: 225 Resp: 2066926
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.2 76.8
 227 64.6 51.1 76.7



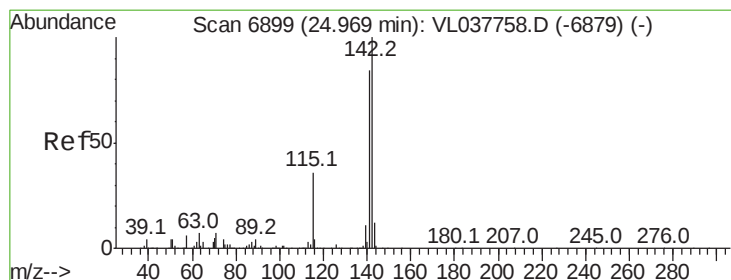
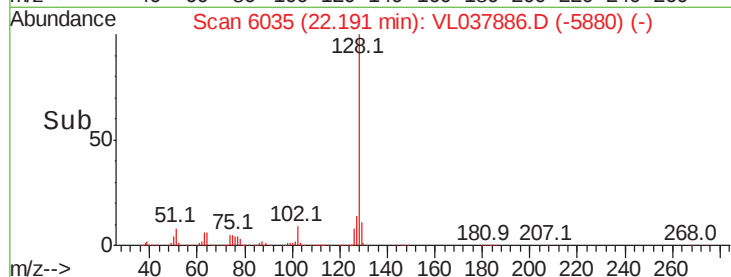
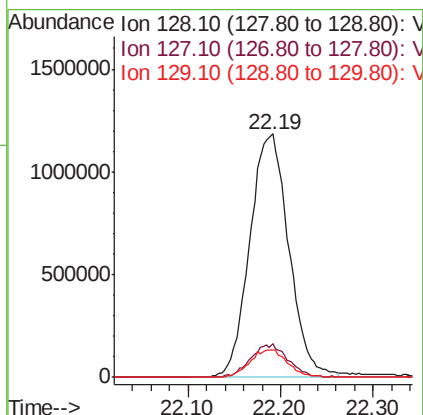
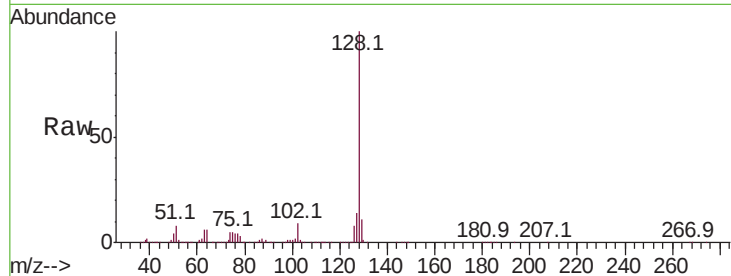


#79
Naphthalene
Concen: 13.345 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1020ABS01
Acq: 20 Oct 2021 14:02

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

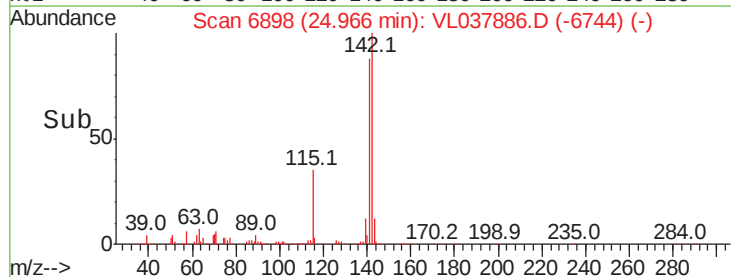
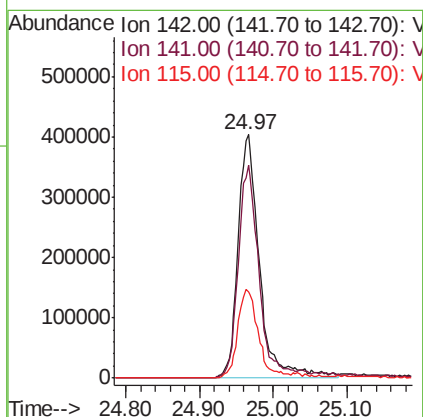
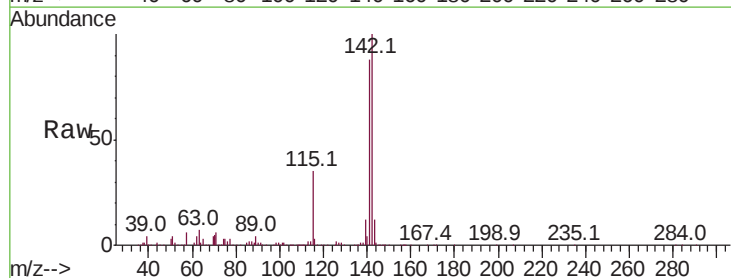
Manual Integrations
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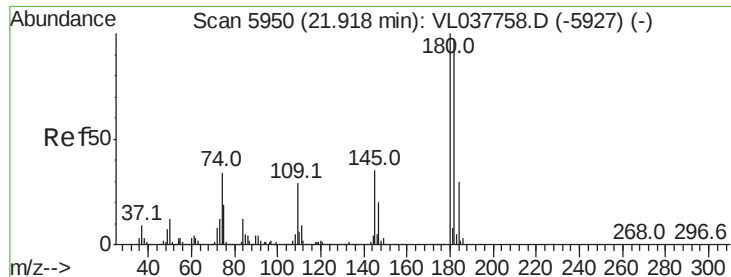
Reviewed By :Semsettin Yesilyurt 11/09/2021
Supervised By :Mahesh Dadoda 11/09/2021



#80
Naphthalene, 2-methyl-
Concen: 11.831 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.00 min
Lab File: VL037886.D
Acq: 20 Oct 2021 14:02

Tgt Ion:142 Resp: 823170
Ion Ratio Lower Upper
142 100
141 88.6 68.6 102.8
115 36.1 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.737 ppbv m
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1020ABS01
 Acq: 20 Oct 2021 14:02

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

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021

