

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037911.D
 Acq On : 27 Oct 2021 11:15
 Operator : SY/AP
 Sample : VL1027ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1027ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 05:59:19 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1521500	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	4459136	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	3875585m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2874659	10.61	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.07	85	1756414	7.227 ppbv	98
3) Chlorodifluoromethane	3.01	51	2607042	8.918 ppbv	99
4) Chloromethane	3.16	50	1021015	9.535 ppbv	97
5) Vinyl Chloride	3.28	62	961522	9.796 ppbv	99
6) Bromomethane	3.49	94	441192	8.309 ppbv	91
7) Chloroethane	3.58	64	356611	9.881 ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	2215868	9.225 ppbv	99
9) Propene	3.02	41	959911	8.924 ppbv	100
10) Heptane	8.15	43	2448112	10.021 ppbv	100
11) Trichlorofluoromethane	3.97	101	2029319	9.359 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1506896	9.172 ppbv	99
13) Ethanol	3.63	45	91569	10.409 ppbv	85
14) Bromoethene	3.76	108	682108	9.443 ppbv	96
15) Acetone	3.87	43	1460630	10.694 ppbv	99
16) 1,3-Butadiene	3.35	39	952270	9.582 ppbv	100
17) tert-Butyl alcohol	4.31	59	1338777	9.517 ppbv	98
18) 1,1-Dichloroethene	4.31	96	701779	9.400 ppbv	97
19) Isopropyl Alcohol	3.98	45	789330	9.289 ppbv #	94
20) Methylene Chloride	4.37	84	576604	8.355 ppbv	98
21) Allyl Chloride	4.43	41	1115067	9.215 ppbv	99
22) trans-1,2-Dichloroethene	4.91	96	713857	9.510 ppbv	95
23) Vinyl Acetate	5.10	43	1946020	9.507 ppbv #	97
24) 1,1-Dichloroethane	5.03	63	1430205	9.599 ppbv	100
25) Ethyl Acetate	5.70	43	3726897	9.724 ppbv	99
26) Hexane	5.71	57	1745175	9.247 ppbv	98
27) Carbon Disulfide	4.57	76	1786304	10.680 ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	1387459	8.830 ppbv	100
29) Chloroform	5.77	83	2482843	9.204 ppbv	98
30) Cyclohexane	7.15	84	1479755	9.246 ppbv	99
31) cis-1,2-Dichloroethene	5.57	61	1601619	9.348 ppbv	99
32) 1,1,1-Trichloroethane	6.54	97	2361380	9.233 ppbv	100
34) 2-Butanone	5.27	43	1650379	9.168 ppbv	100
35) Carbon Tetrachloride	7.04	117	2459021	9.710 ppbv	99
36) Benzene	6.92	78	3651567	9.587 ppbv	99
37) 1,2-Dichloroethane	6.33	62	1746690	9.740 ppbv	100
38) Trichloroethene	7.86	130	1449569	9.634 ppbv	93
39) 1,2-Dichloropropane	7.64	63	1385789	9.673 ppbv	95
40) 1,4-Dioxane	7.86	88	330132	9.209 ppbv #	100
41) Tetrahydrofuran	6.08	42	853028	9.677 ppbv	97
42) Bromodichloromethane	7.82	83	2594735	9.850 ppbv	99
43) Methyl Methacrylate	8.04	69	1288071	10.354 ppbv	99

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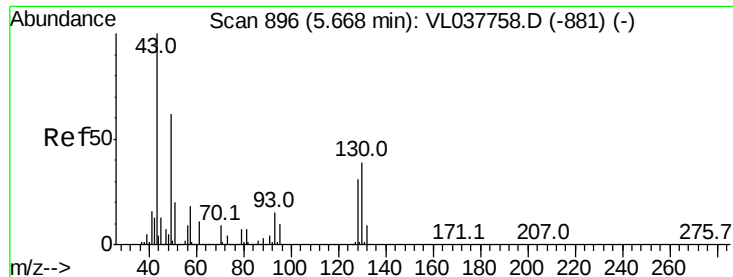
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	6158281	9.624	ppbv	99
45) t-1,3-Dichloropropene	9.30	75	865744	10.114	ppbv	99
46) cis-1,3-Dichloropropene	8.73	75	1219707	10.280	ppbv	100
47) 1,1,2-Trichloroethane	9.50	97	1490233	9.569	ppbv	97
48) Dibromochloromethane	10.33	129	2342895	10.553	ppbv	100
49) Bromoform	13.07	173	1920639	11.306	ppbv	96
50) 4-Methyl-2-Pentanone	8.77	43	2402392	10.251	ppbv	100
51) 2-Hexanone	10.16	43	1104014	10.553	ppbv #	100
52) Tetrachloroethene	11.25	164	1322424	8.924	ppbv	96
53) Toluene	9.83	91	4214565	9.985	ppbv	100
54) 1,2-Dibromoethane	10.64	107	2054721	9.767	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1631814	10.171	ppbv	95
57) Chlorobenzene	12.17	112	3201657	10.070	ppbv	96
58) Ethyl Benzene	12.73	91	5438216	10.450	ppbv	99
59) m/p-Xylene	13.02	91	9279337m	20.772	ppbv	
60) o-Xylene	13.72	91	4414313	10.311	ppbv	99
61) Styrene	13.55	104	2389438	11.539	ppbv	98
62) Isopropylbenzene	14.69	105	5997219	10.043	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	3201636	9.691	ppbv	99
64) n-propylbenzene	15.59	120	1611737	10.824	ppbv	98
65) tert-Butylbenzene	16.76	119	5404656	10.285	ppbv	99
66) Benzyl Chloride	17.01	91	292922	11.295	ppbv #	99
67) sec-Butylbenzene	17.32	105	7620296	10.603	ppbv	100
69) p-Isopropyltoluene	17.67	119	6436423	11.078	ppbv	100
70) n-Butylbenzene	18.57	91	6425014	11.640	ppbv	100
71) 2-Chlorotoluene	15.48	91	4442804	10.536	ppbv	100
72) 4-Ethyltoluene	15.86	105	5487307	11.288	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4908548	11.117	ppbv	95
74) 1,2,4-Trimethylbenzene	16.79	105	5048422	10.888	ppbv	99
75) 1,3-Dichlorobenzene	17.02	146	3142436	10.939	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	3066802	11.191	ppbv	99
77) 1,2-Dichlorobenzene	17.84	146	3015927	10.929	ppbv	100
78) Hexachloro-1,3-Butadiene	23.39	225	2210935	9.812	ppbv	99
79) Naphthalene	22.22	128	3689393m	12.992	ppbv	
80) Naphthalene, 2-methyl-	24.99	142	856315	11.230	ppbv	100
81) 1,2,4-Trichlorobenzene	21.95	180	2200791	12.117	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

49 100

128 55.

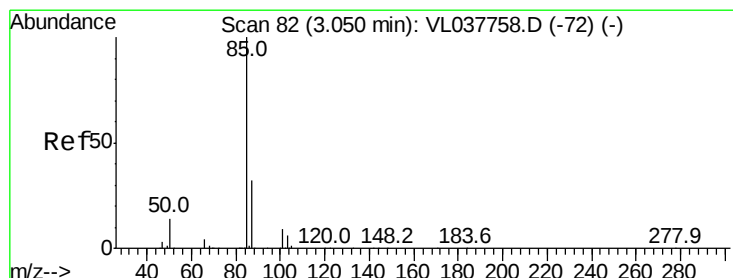
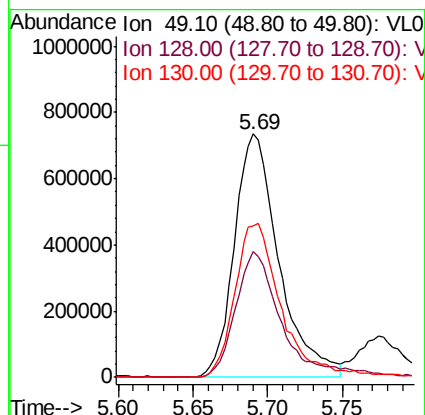
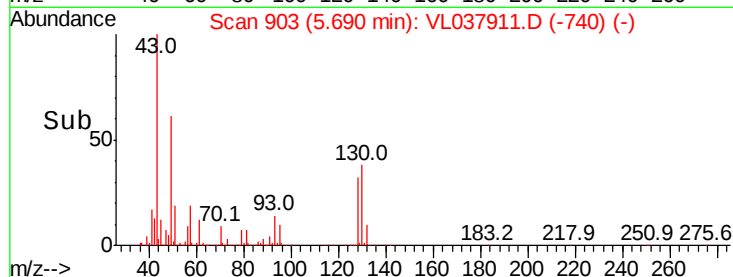
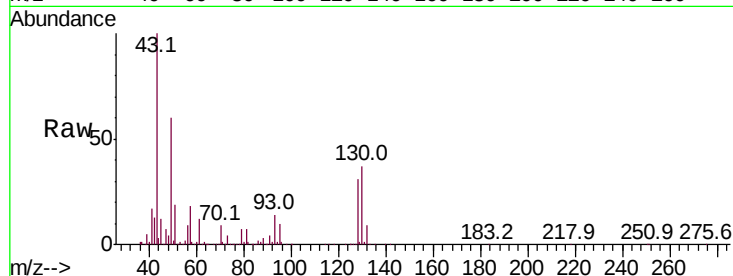
130 67.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/29/2021



#2

Dichlorodifluoromethane

Concen: 7.227 ppbv

RT: 3.07 min Scan# 87

Delta R.T. 0.02 min

Lab File: VL037911.D

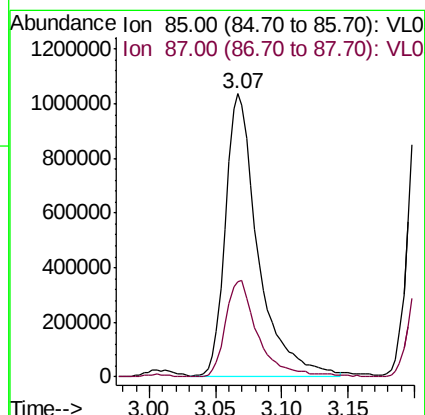
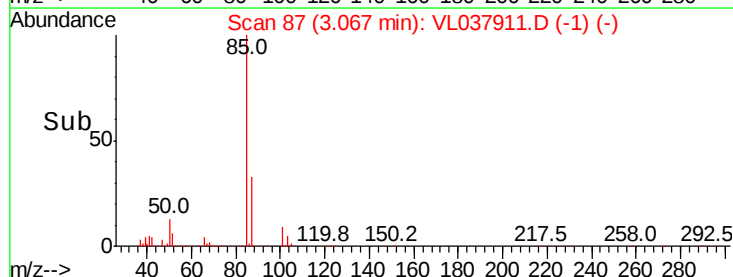
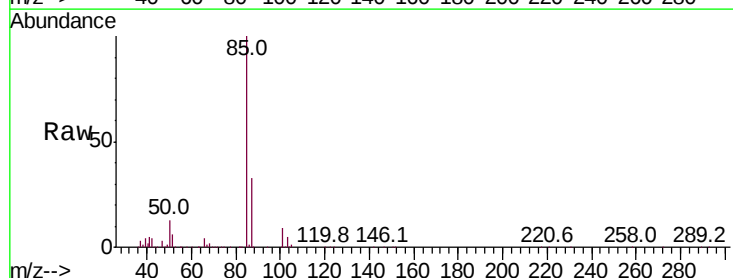
Acq: 27 Oct 2021 11:15

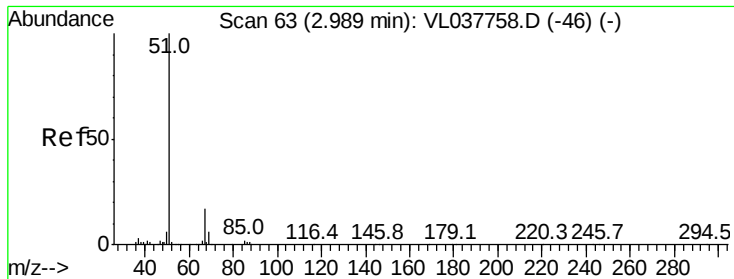
Tgt Ion: 85 Resp: 1756414

Ion Ratio Lower Upper

85 100

87 33.4 25.7 38.5





#3

Chlorodifluoromethane

Concen: 8.918 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

51 100

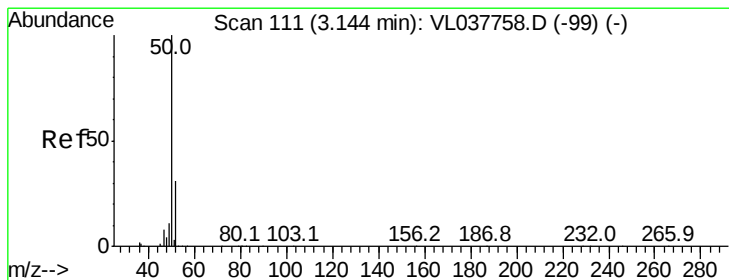
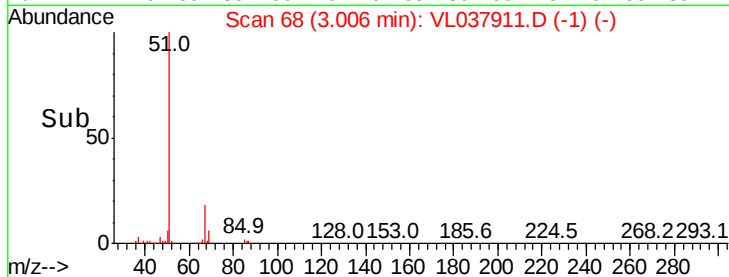
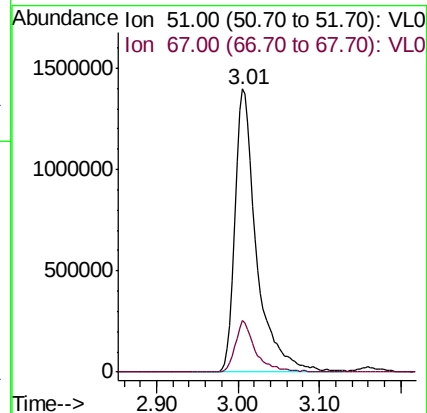
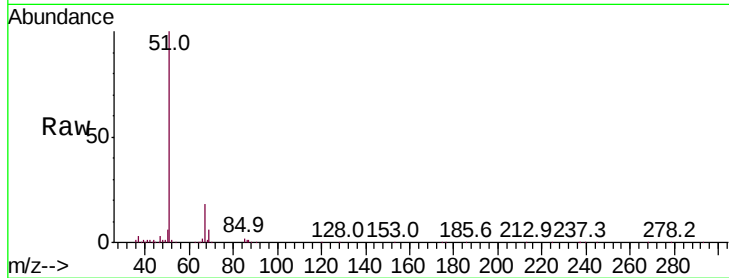
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/29/2021



#4

Chloromethane

Concen: 9.535 ppbv

RT: 3.16 min Scan# 116

Delta R.T. 0.02 min

Lab File: VL037911.D

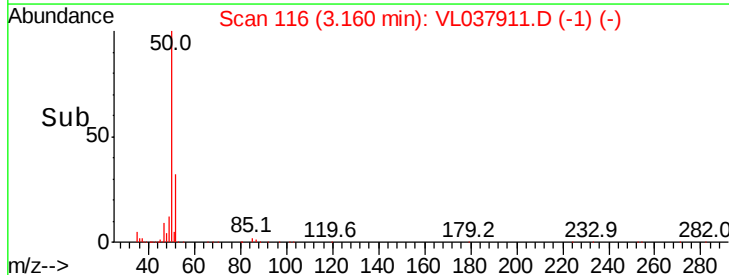
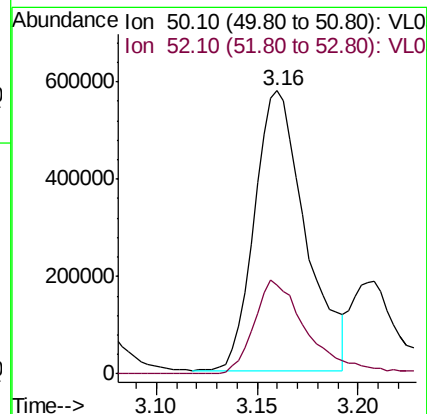
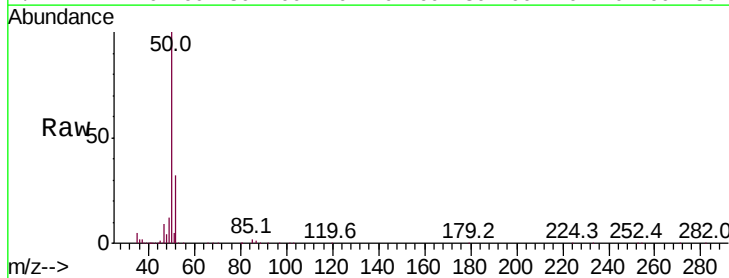
Acq: 27 Oct 2021 11:15

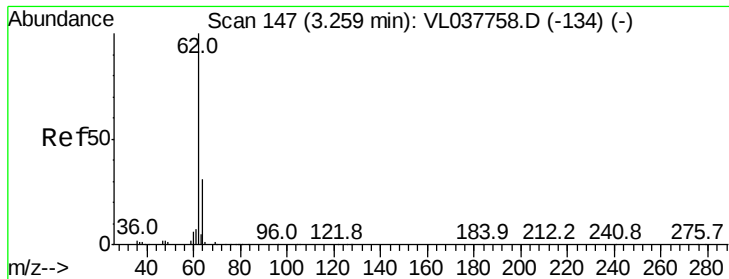
Tgt Ion: 50 Resp: 1021015

Ion Ratio Lower Upper

50 100

52 31.9 24.4 36.6





#5

Vinyl Chloride

Concen: 9.796 ppbv

RT: 3.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15 VL1027ABS01

Tot Ion:

Ion Ratio

62 100

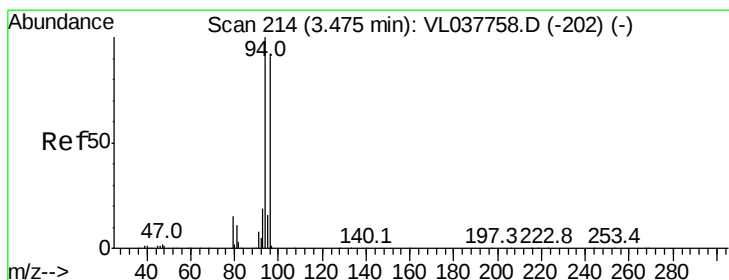
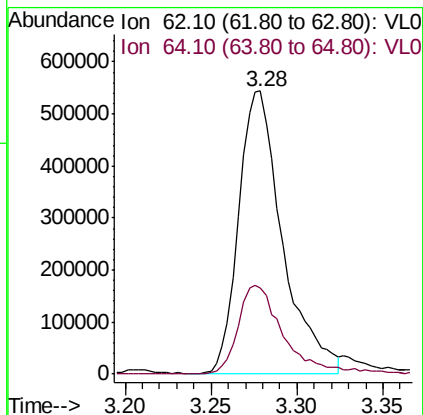
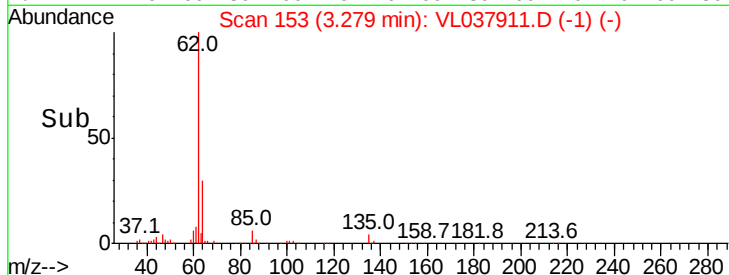
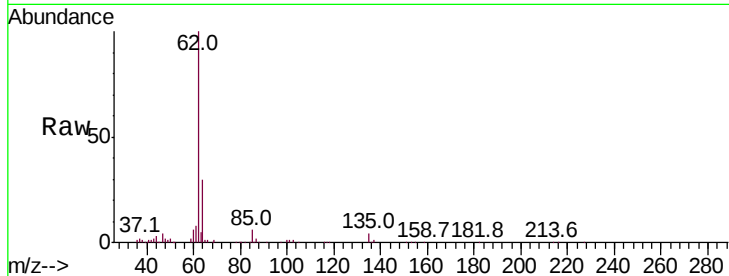
64 30.

Manual Integrations

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#6

Bromomethane

Concen: 8.309 ppbv

RT: 3.49 min Scan# 220

Delta R.T. 0.02 min

Lab File: VL037911.D

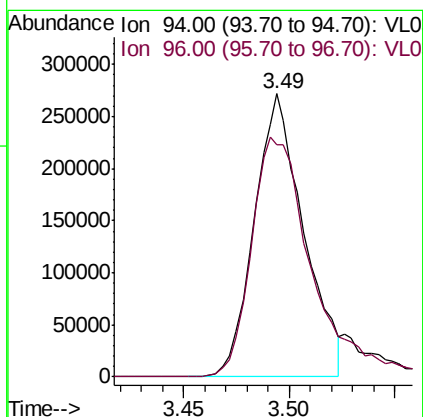
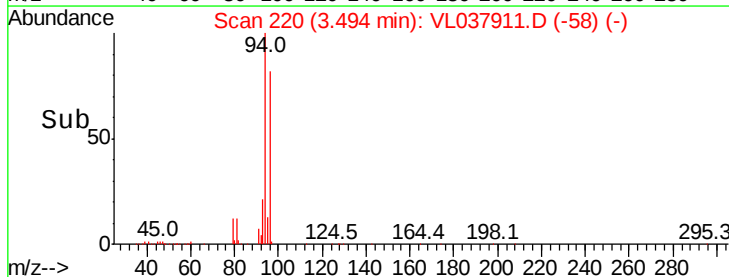
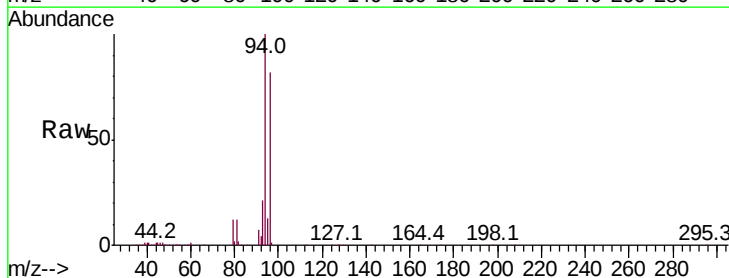
Acq: 27 Oct 2021 11:15

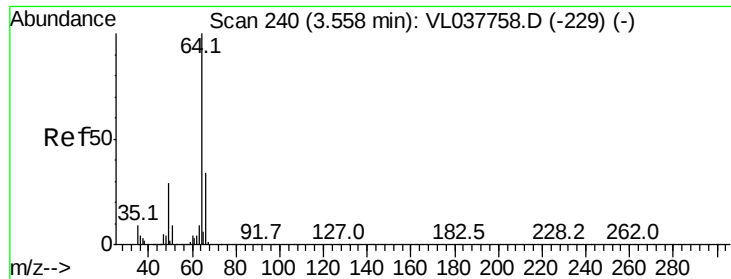
Tgt Ion: 94 Resp: 441192

Ion Ratio Lower Upper

94 100

96 82.0 72.5 108.7





#7

Chloroethane

Concen: 9.881 ppbv

RT: 3.58 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15 VL1027ABS01

Tot Ion:

Ion Ratio

64 100

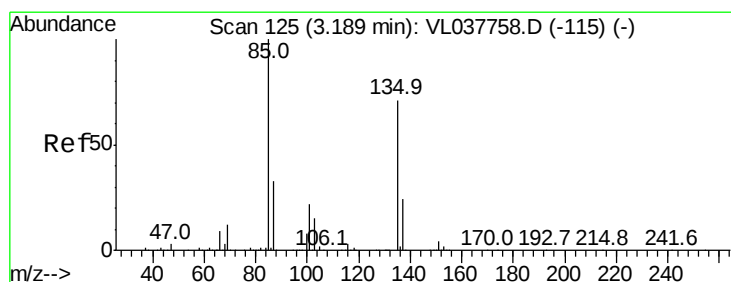
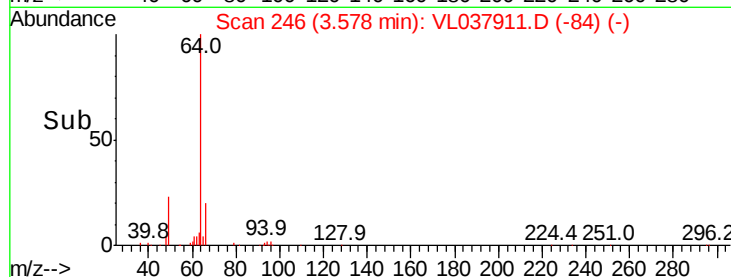
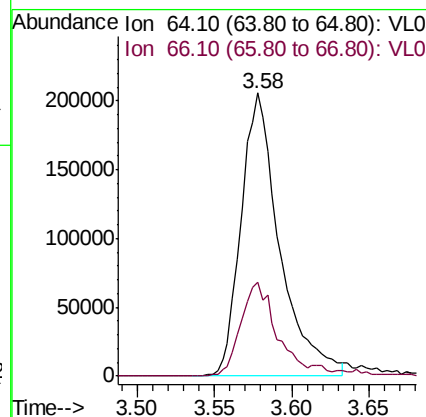
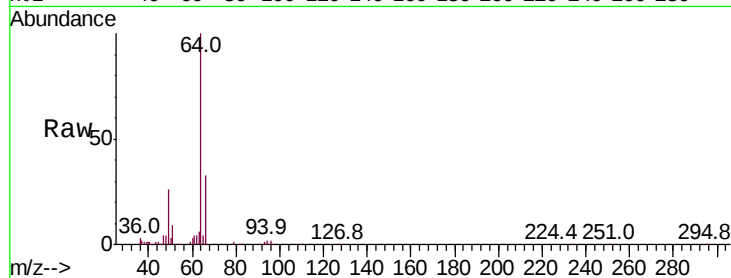
66 33.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.225 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.02 min

Lab File: VL037911.D

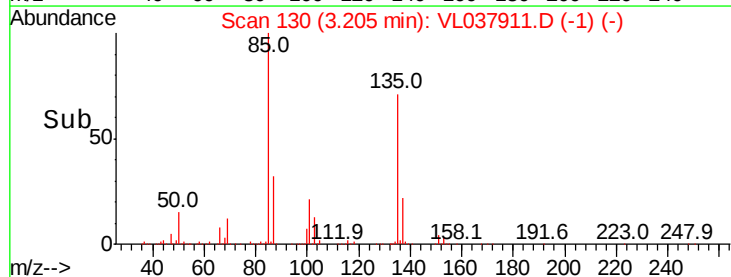
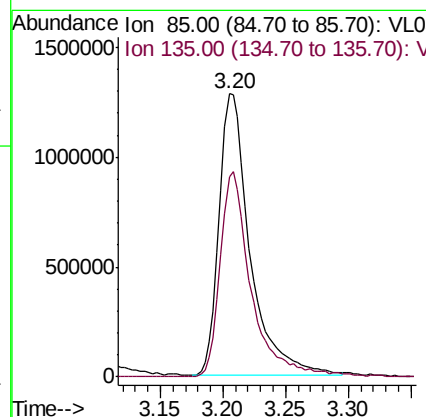
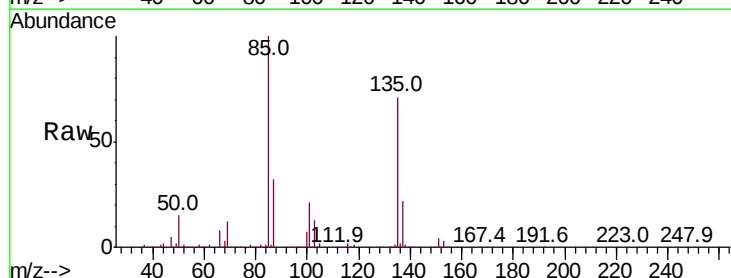
Acq: 27 Oct 2021 11:15

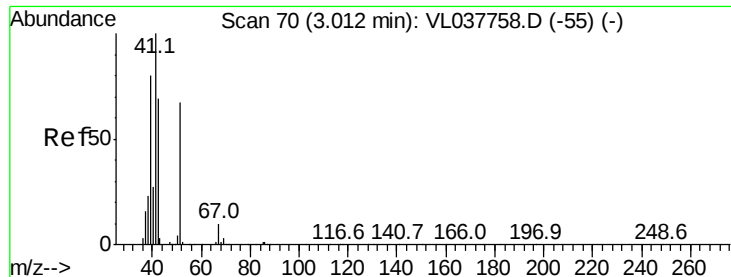
Tgt Ion: 85 Resp: 2215868

Ion Ratio Lower Upper

85 100

135 73.3 59.5 89.3



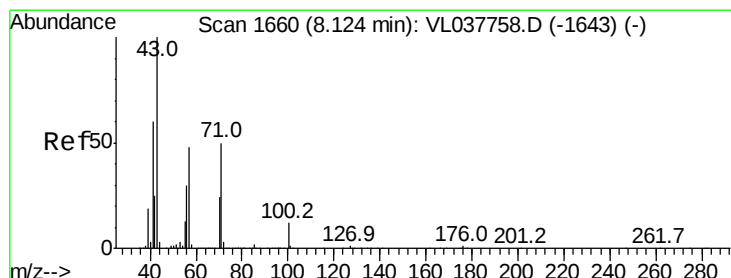
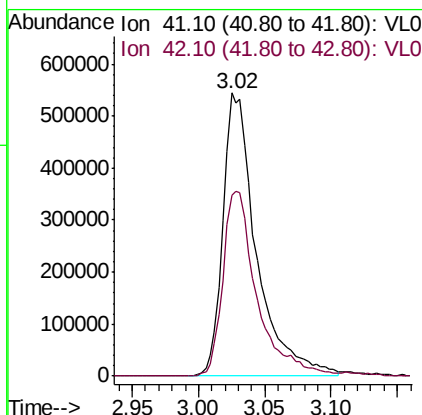
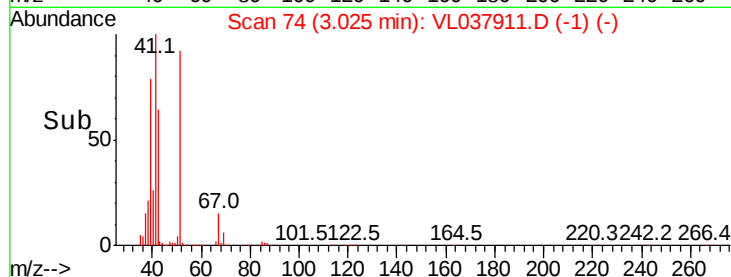
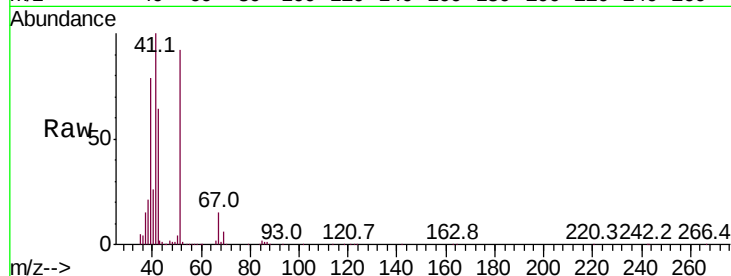


#9
 Propene
 Concen: 8.924 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 41 100
 42 67.

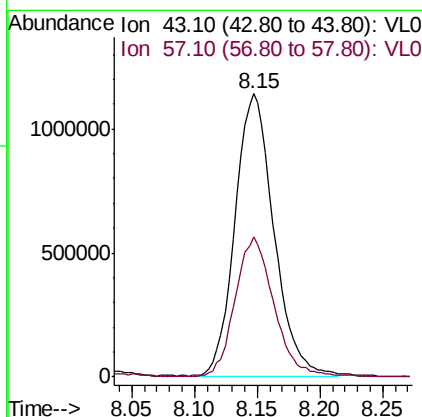
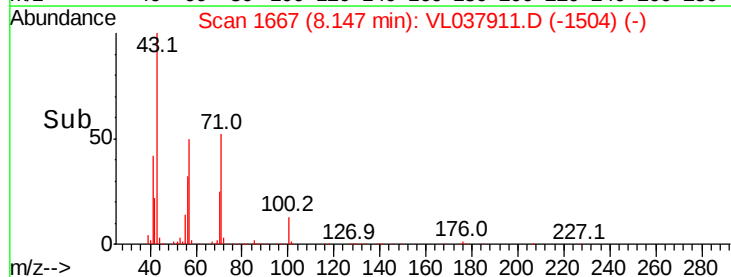
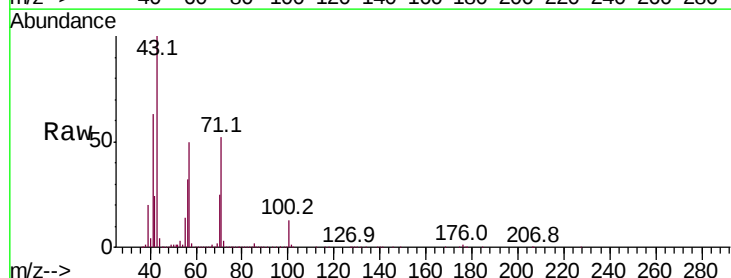
Manual Integrations
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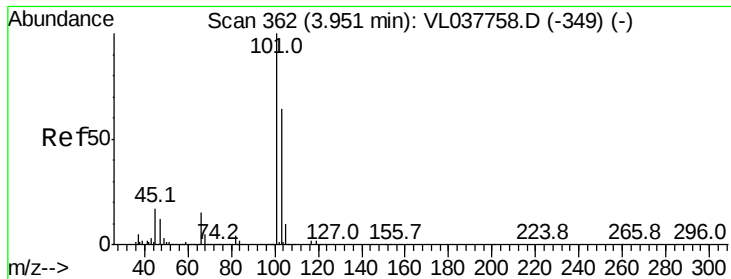
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#10
 Heptane
 Concen: 10.021 ppbv
 RT: 8.15 min Scan# 1667
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 43 Resp: 2448112
 Ion Ratio Lower Upper
 43 100
 57 49.9 40.0 60.0



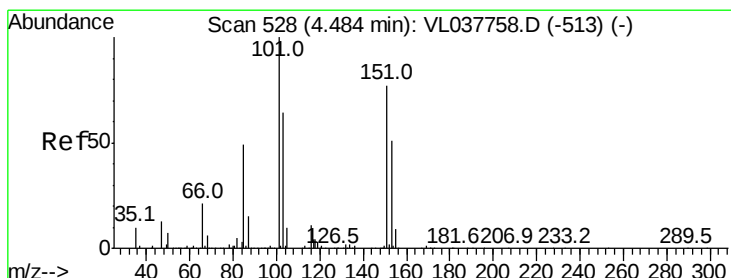
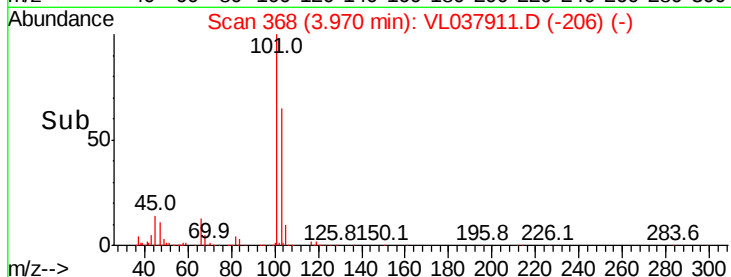
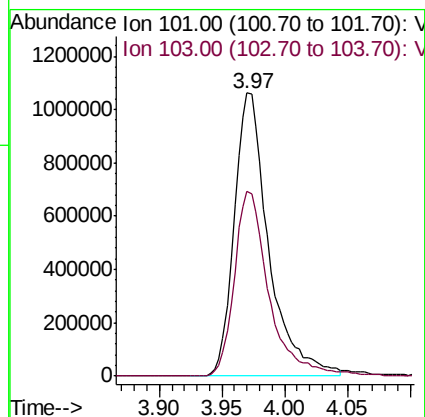
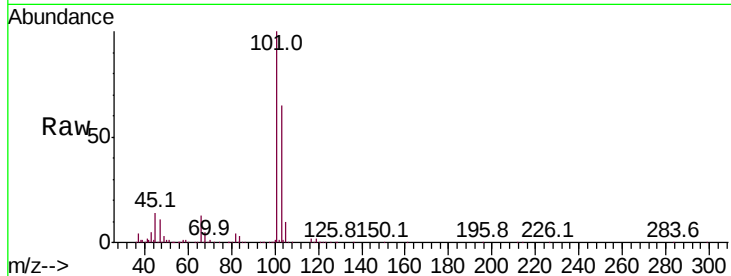


#11
 Trichlorofluoromethane
 Concen: 9.359 ppbv
 RT: 3.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 11:15

Tot Ion:1
 Ion Rati
 101 100
 103 65.

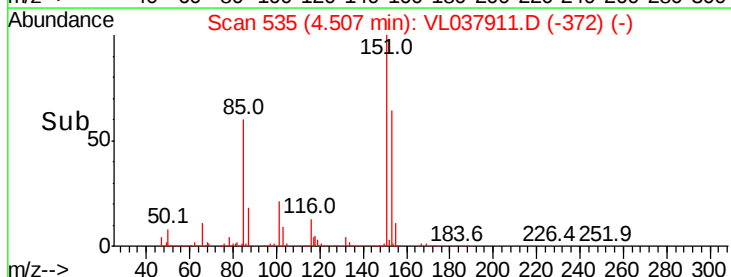
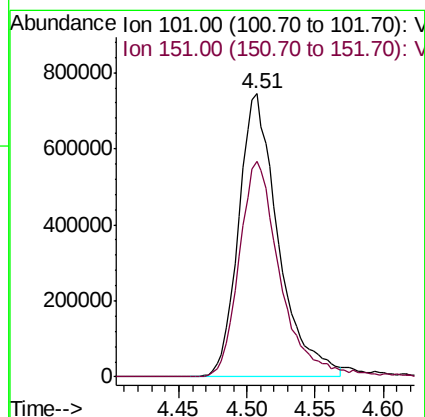
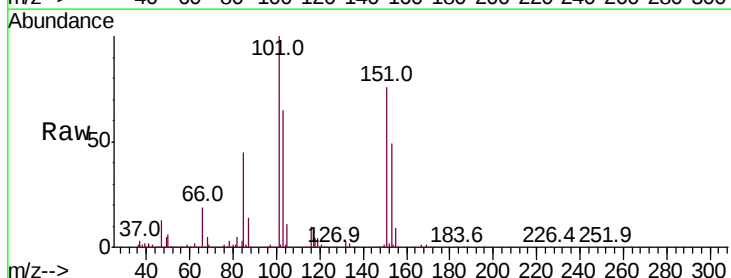
Manual Integrations
 APPROVED

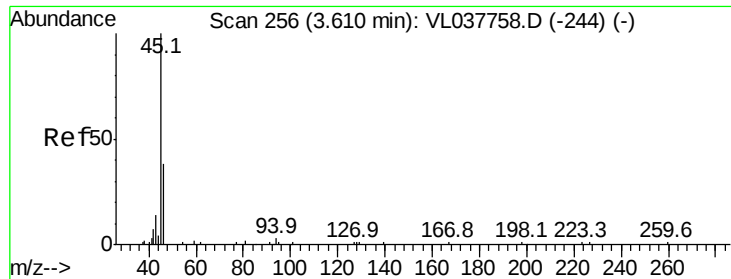
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.172 ppbv
 RT: 4.51 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:101 Resp: 1506896
 Ion Ratio Lower Upper
 101 100
 151 79.1 62.9 94.3



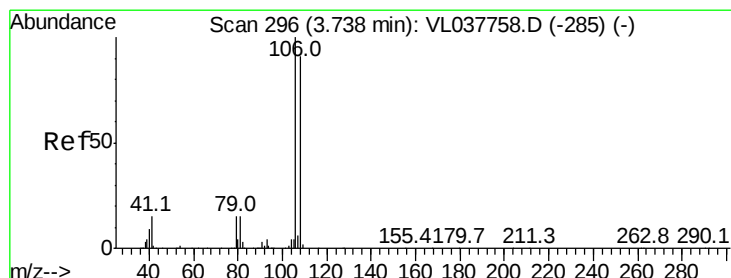
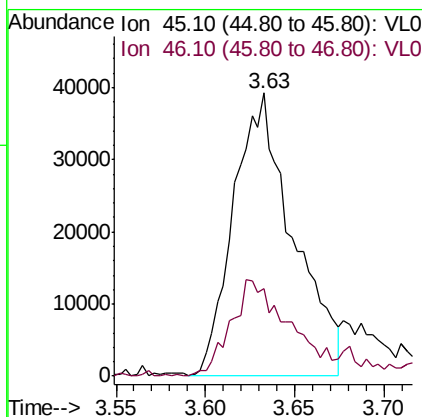
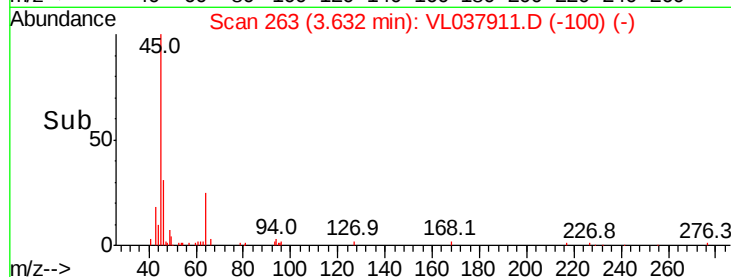
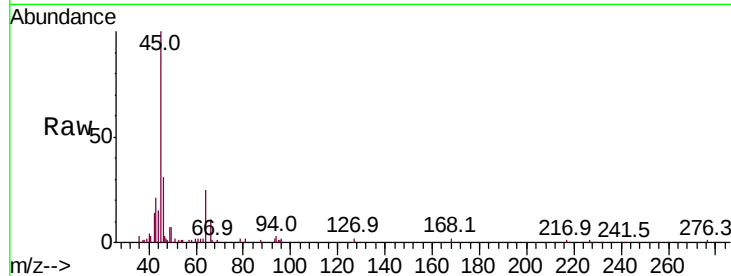


#13
Ethanol
Concen: 10.409 ppbv
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

Tot Ion:
Ion Ratio
45 100
46 39.

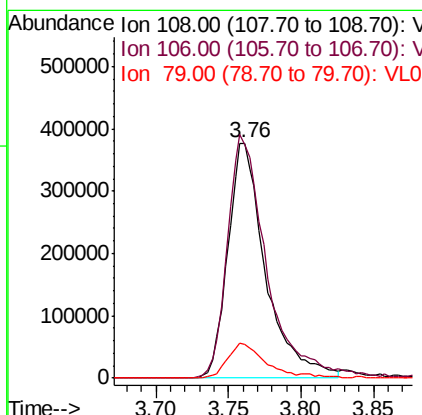
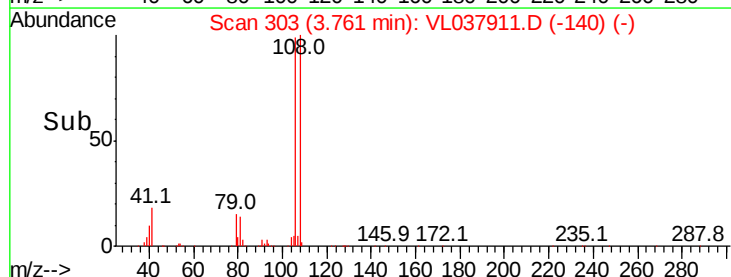
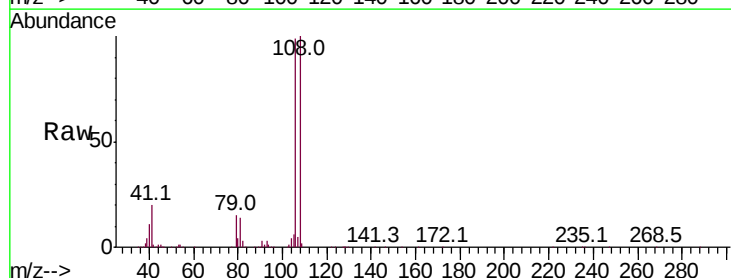
Manual Integrations
APPROVED

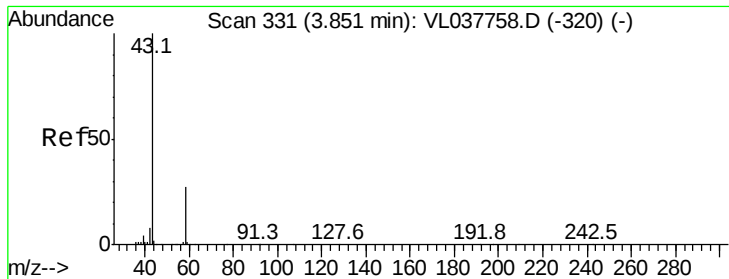
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#14
Bromoethene
Concen: 9.443 ppbv
RT: 3.76 min Scan# 303
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion:108 Resp: 682108
Ion Ratio Lower Upper
108 100
106 110.0 91.9 137.9
79 15.9 13.9 20.9





#15

Acetone

Concen: 10.694 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

43 100

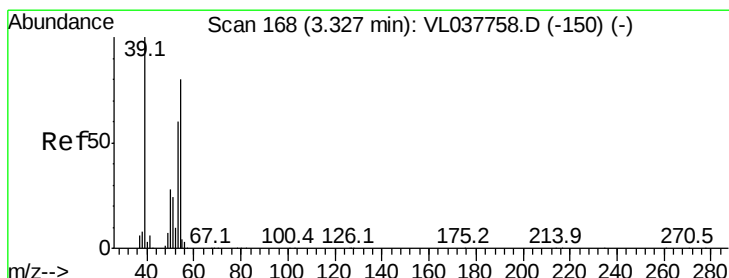
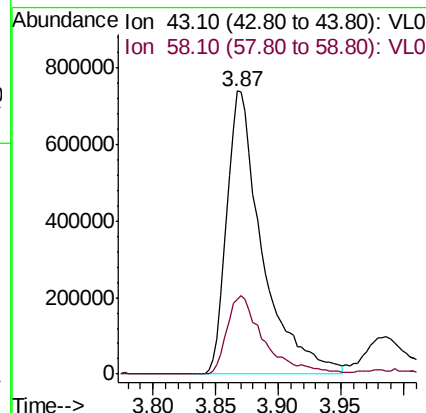
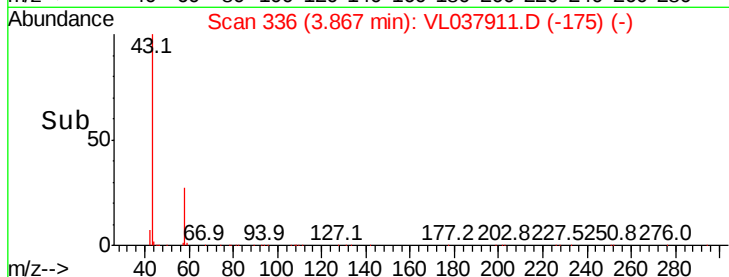
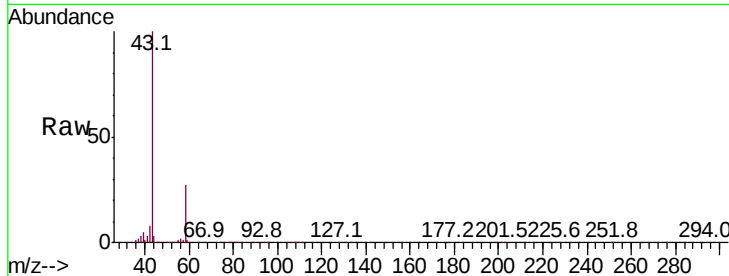
58 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#16

1,3-Butadiene

Concen: 9.582 ppbv

RT: 3.35 min Scan# 174

Delta R.T. 0.02 min

Lab File: VL037911.D

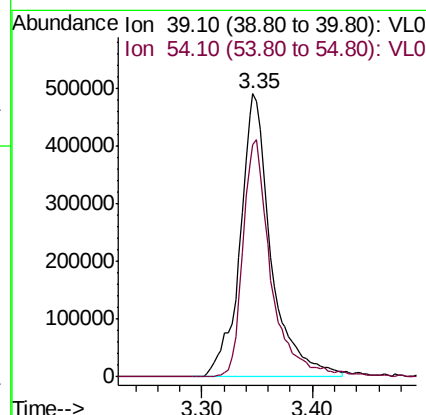
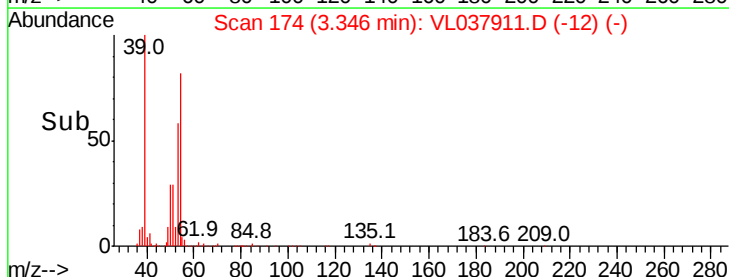
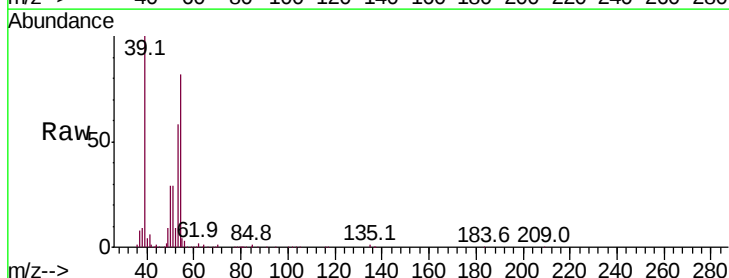
Acq: 27 Oct 2021 11:15

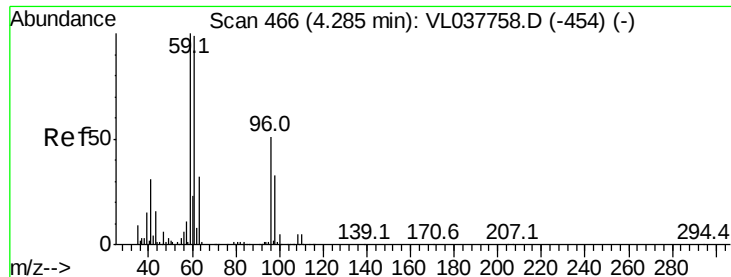
Tgt Ion: 39 Resp: 952270

Ion Ratio Lower Upper

39 100

54 77.3 61.7 92.5





#17

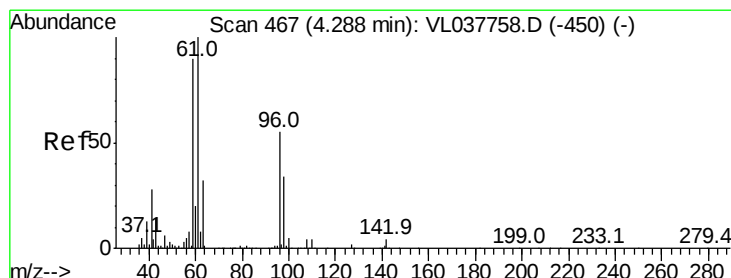
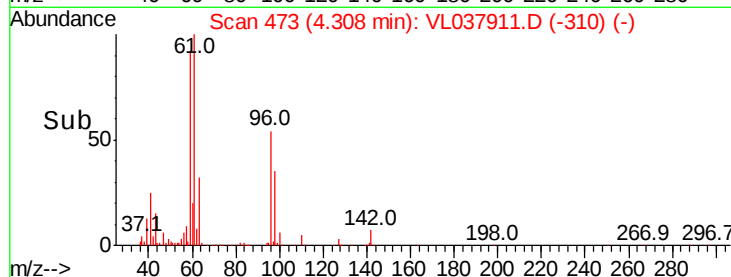
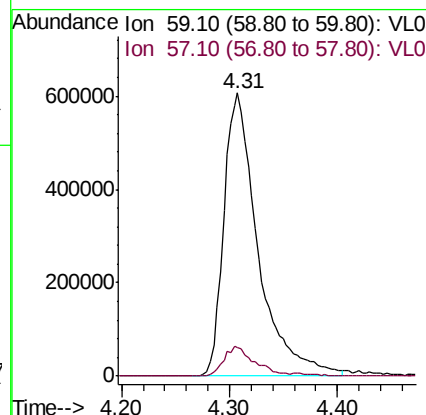
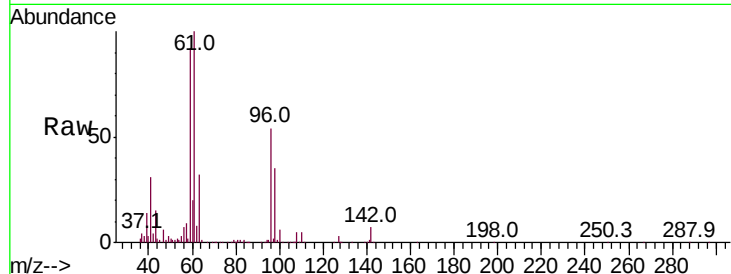
tert-Butyl alcohol
Concen: 9.517 ppbv
RT: 4.31 min
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Instrument : MSVOA_1
Client SampleId : VL1027ABS01

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
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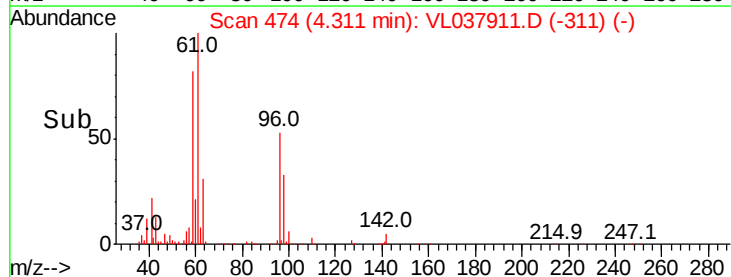
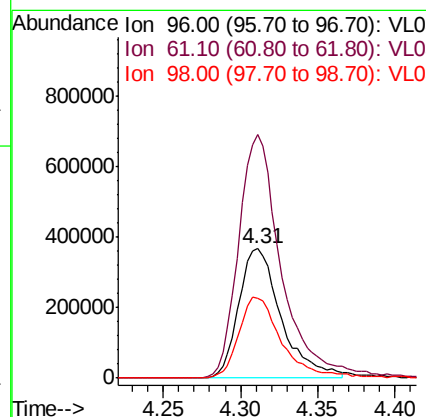
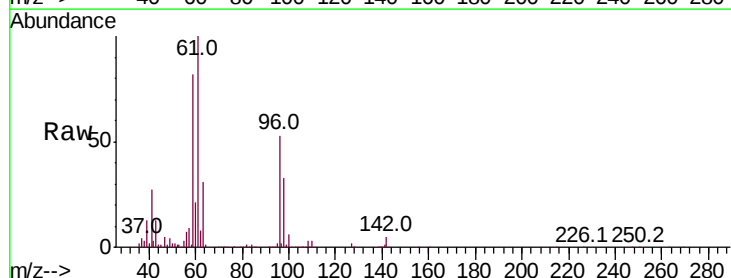
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021

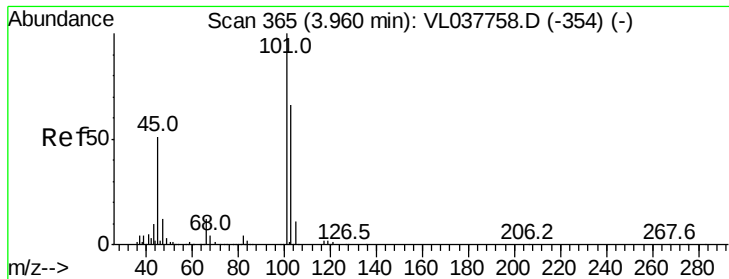


#18

1,1-Dichloroethene
Concen: 9.400 ppbv
RT: 4.31 min Scan# 474
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 96 Resp: 701779
Ion Ratio Lower Upper
96 100
61 188.2 146.2 219.4
98 61.3 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.289 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

45 100

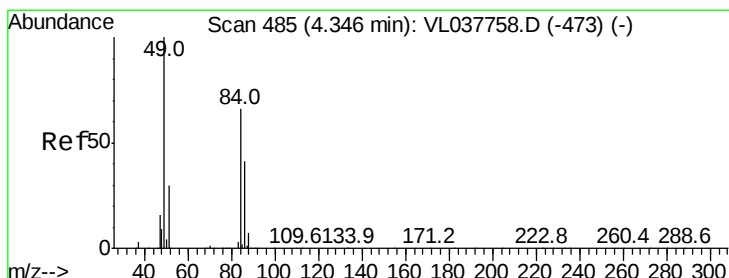
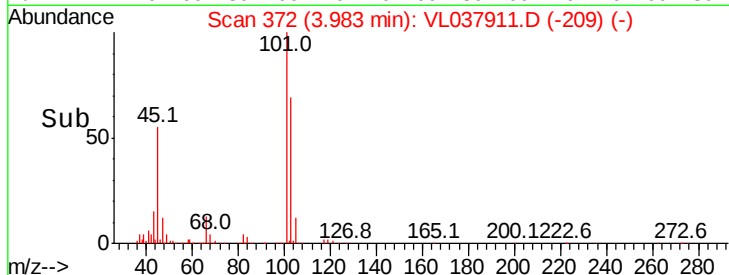
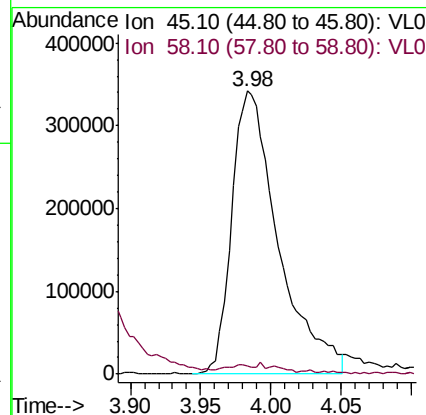
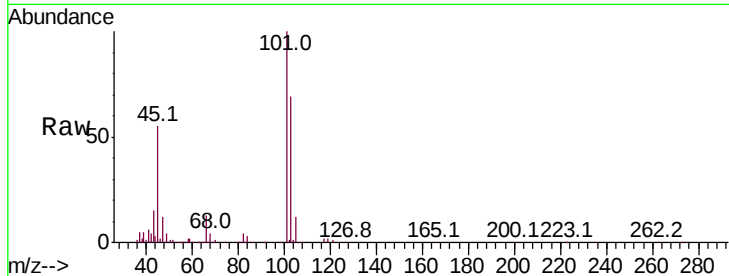
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#20

Methylene Chloride

Concen: 8.355 ppbv

RT: 4.37 min Scan# 491

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 84 Resp: 576604

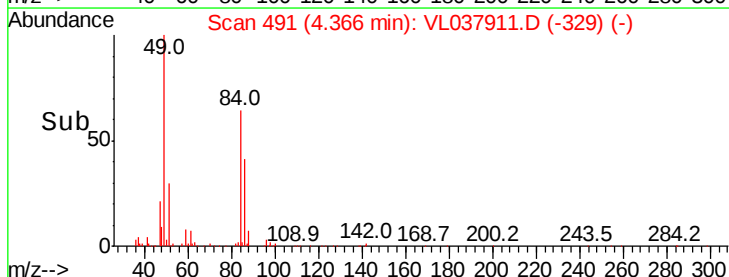
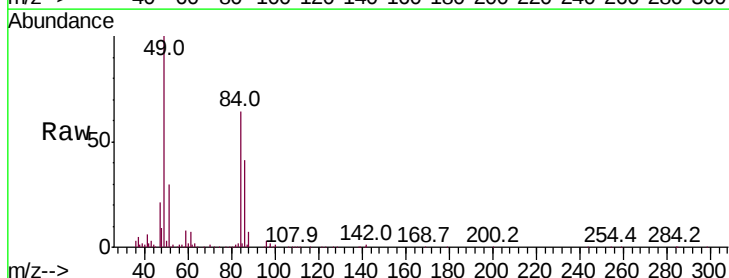
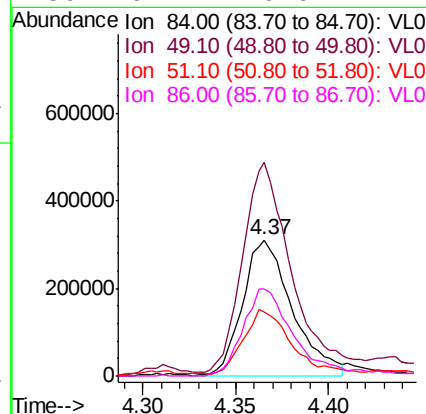
Ion Ratio Lower Upper

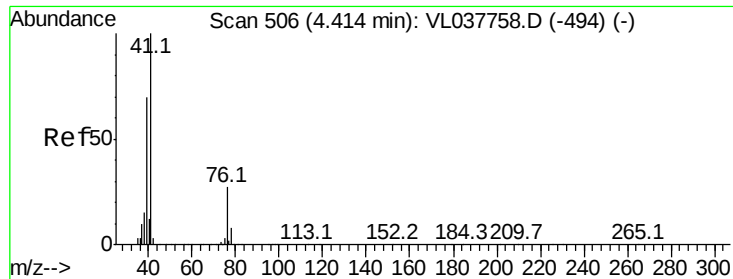
84 100

49 154.4 120.7 181.1

51 44.9 36.2 54.4

86 64.4 49.6 74.4



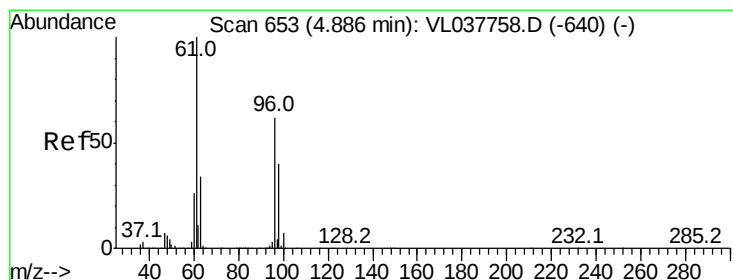
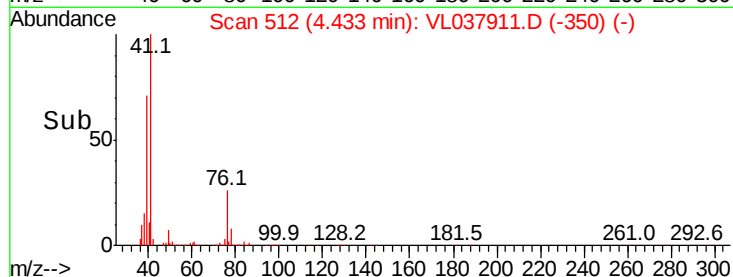
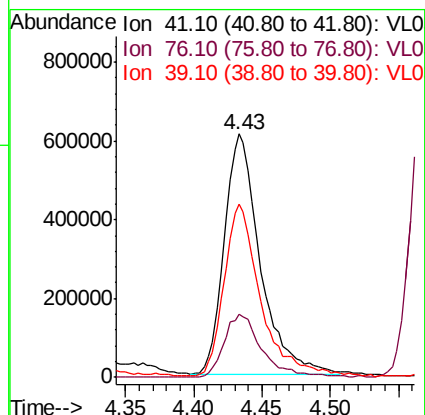
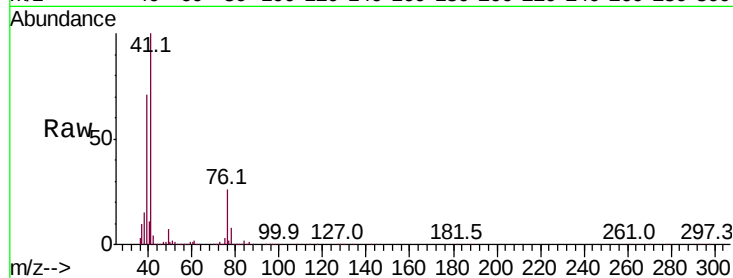


#21
Allvl Chloride
Concen: 9.215 ppbv
RT: 4.43
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1027ABS01
Acq: 27 Oct 2021 11:15

Tot Ion:
Ion Ratio
41 100
76 28.
39 73.

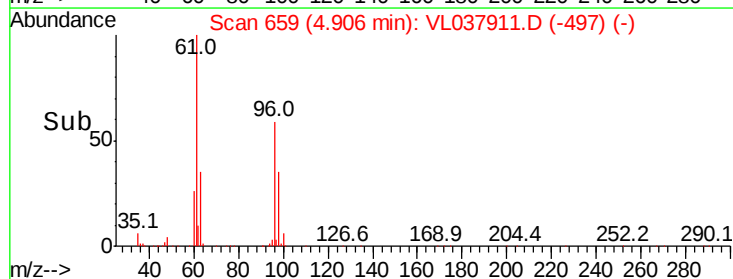
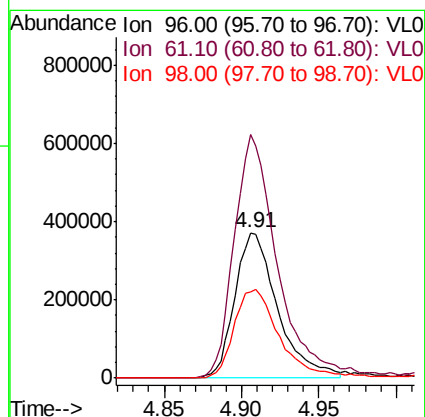
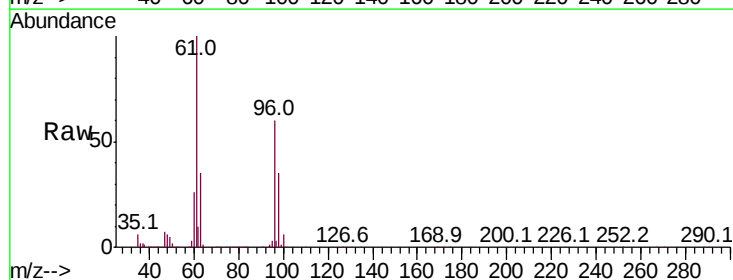
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APPROVED

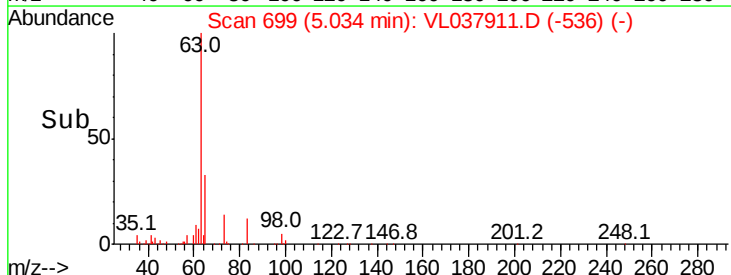
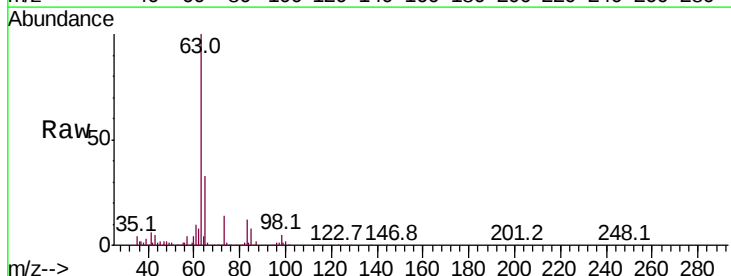
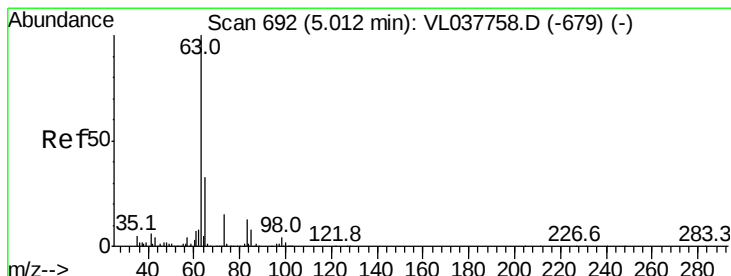
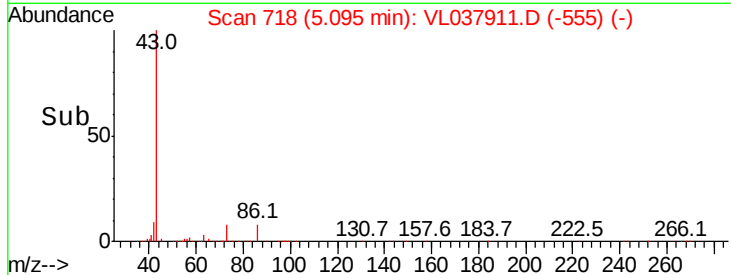
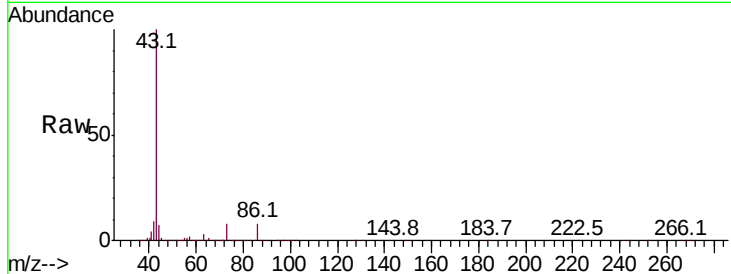
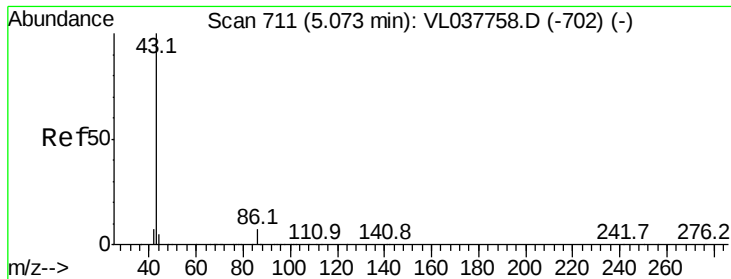
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.510 ppbv
RT: 4.91 min Scan# 659
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 96 Resp: 713857
Ion Ratio Lower Upper
96 100
61 167.4 129.0 193.6
98 58.9 51.7 77.5





#23

Vinyl Acetate

Concen: 9.507 ppbv

RT: 5.10 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

43 100

86 8.

42 8.

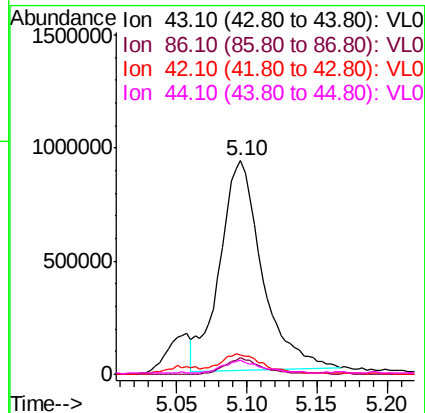
44 5.9

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#24

1,1-Dichloroethane

Concen: 9.599 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

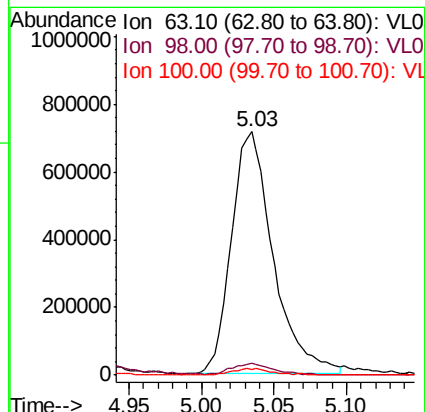
Tgt Ion: 63 Resp: 1430205

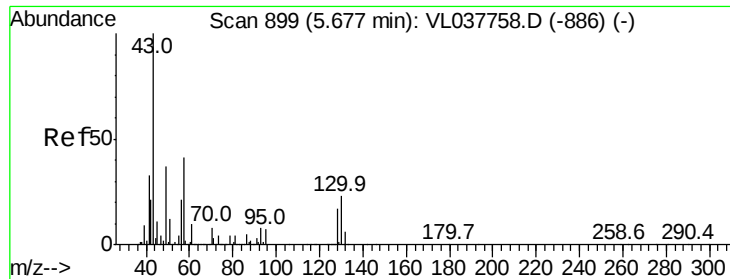
Ion Ratio Lower Upper

63 100

98 4.5 2.3 6.9

100 2.1 1.1 3.1



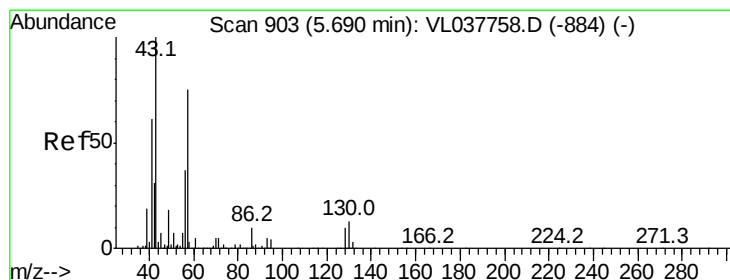
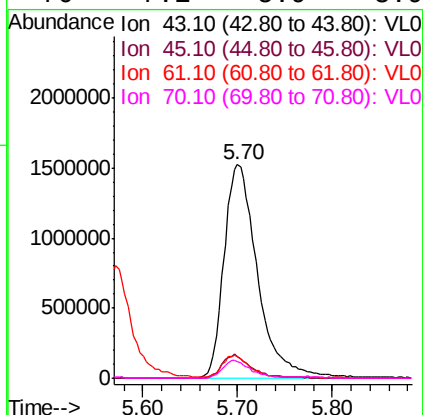
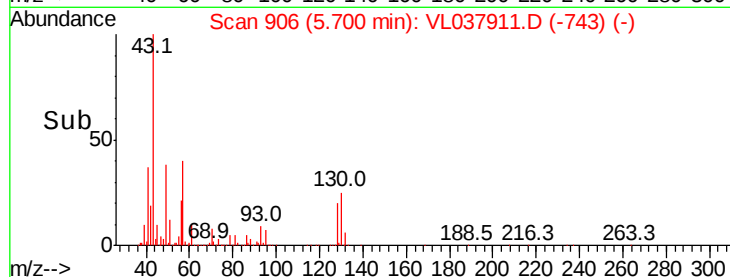
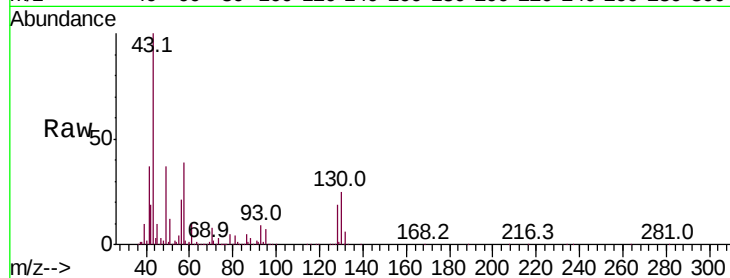


#25
Ethyl Acetate
Concen: 9.724 ppbv
RT: 5.70 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1027ABS01
Acq: 27 Oct 2021 11:15

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 10.0, 61 9.0, 70 7.1, 5.9, 8.9

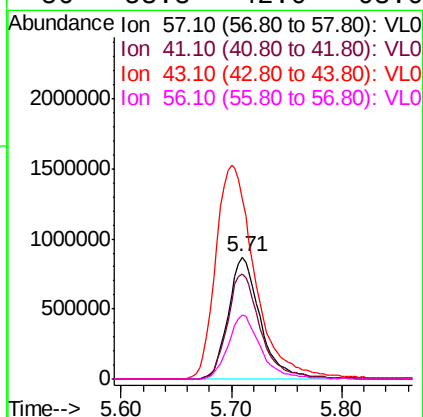
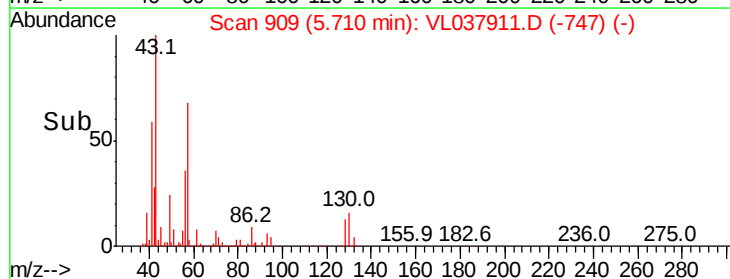
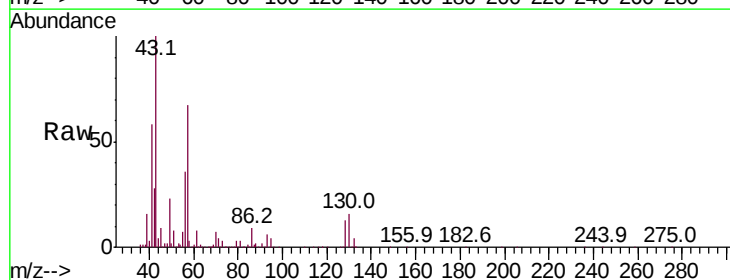
Manual Integrations
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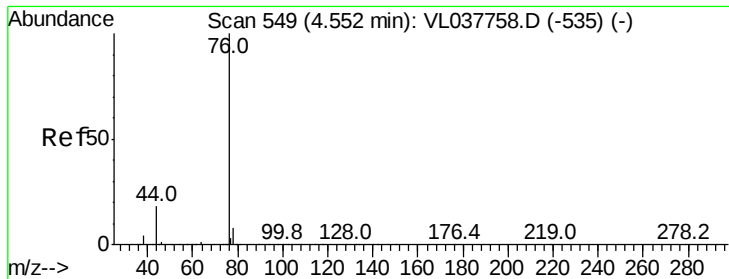
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#26
Hexane
Concen: 9.247 ppbv
RT: 5.71 min Scan# 909
Delta R.T.: 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 57 Resp: 1745175
Ion Ratio Lower Upper
57 100
41 90.4 69.6 104.4
43 215.6 171.4 257.0
56 53.8 42.0 63.0





#27

Carbon Disulfide

Concen: 10.680 ppbv

RT: 4.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

76 100

44 16.

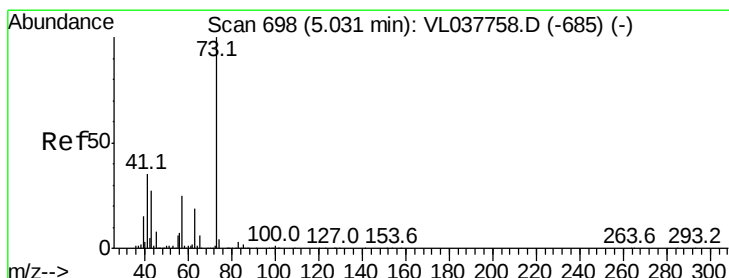
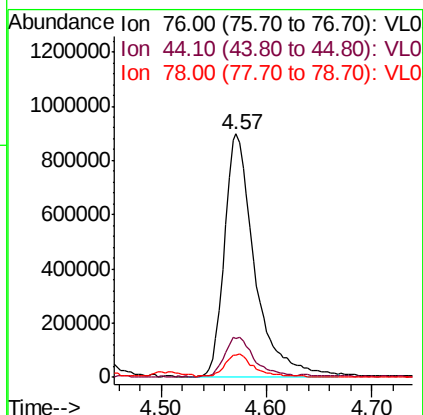
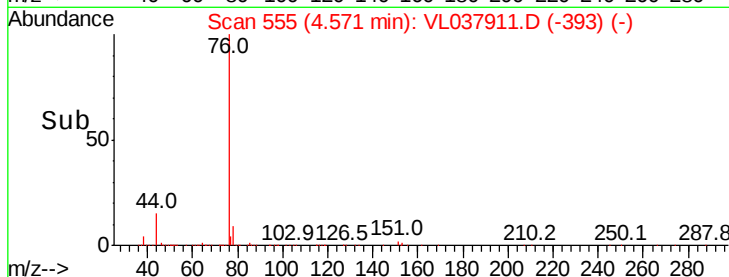
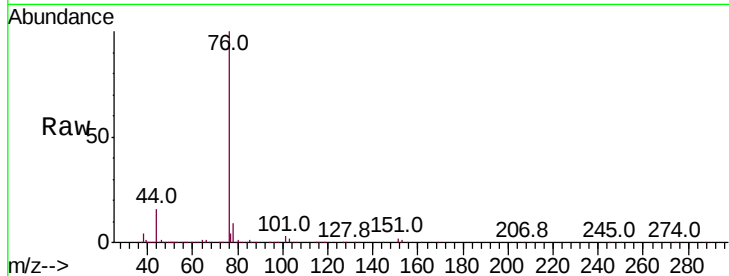
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#28

Methyl tert-Butyl Ether

Concen: 8.830 ppbv

RT: 5.05 min Scan# 705

Delta R.T. 0.02 min

Lab File: VL037911.D

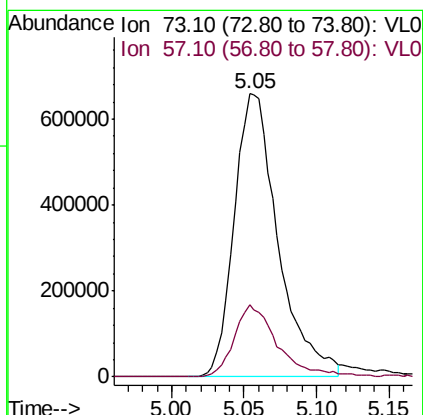
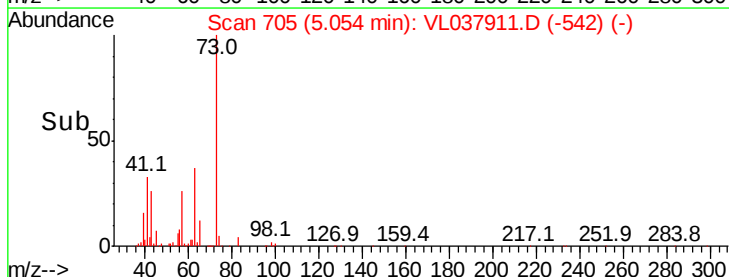
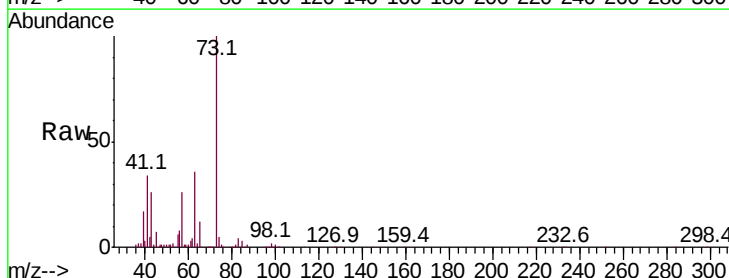
Acq: 27 Oct 2021 11:15

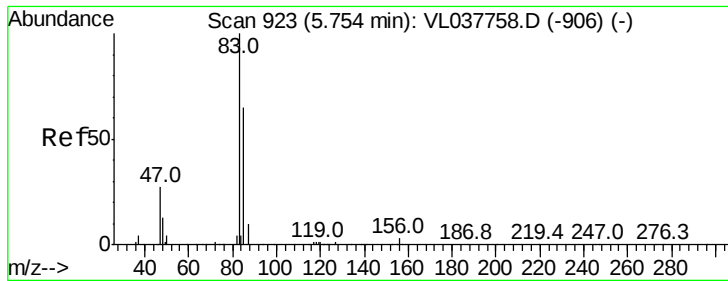
Tgt Ion: 73 Resp: 1387459

Ion Ratio Lower Upper

73 100

57 25.5 20.4 30.6



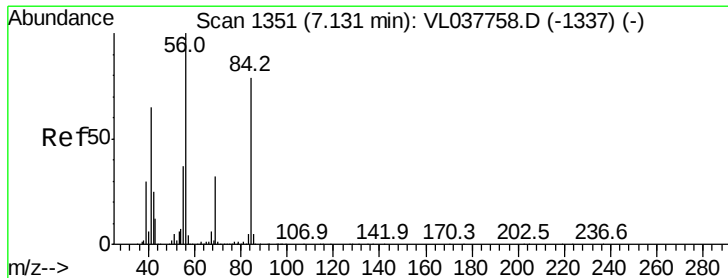
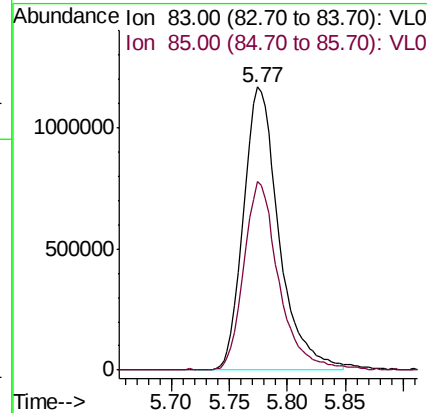
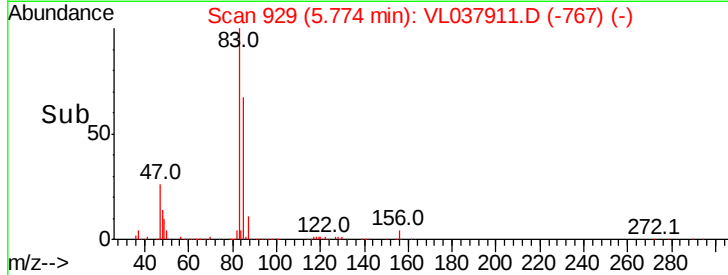
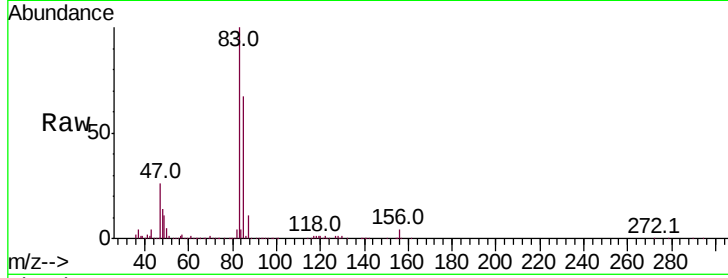


#29
Chloroform
Concen: 9.204 ppbv
RT: 5.77
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

Tot Ion:
Ion Ratio
83 100
85 66.

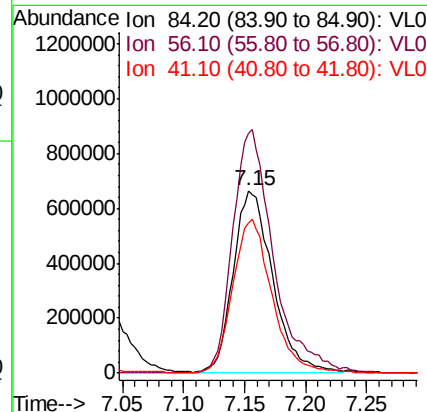
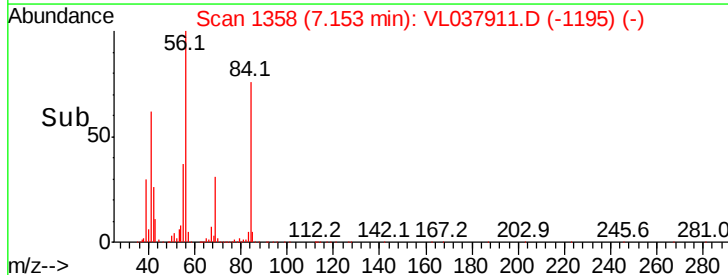
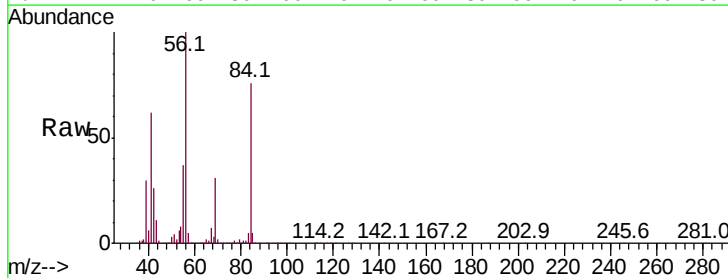
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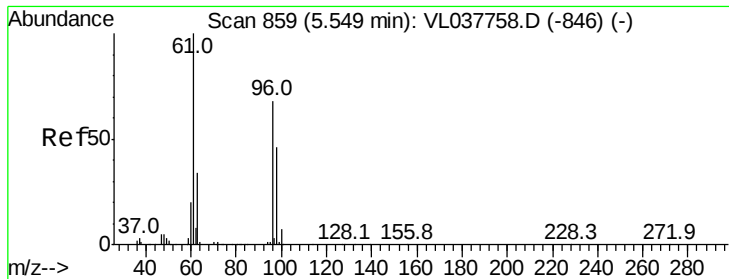
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#30
Cyclohexane
Concen: 9.246 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 84 Resp: 1479755
Ion Ratio Lower Upper
84 100
56 140.1 113.0 169.4
41 85.4 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.348 ppbv

RT: 5.57

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

61 100

96 66.

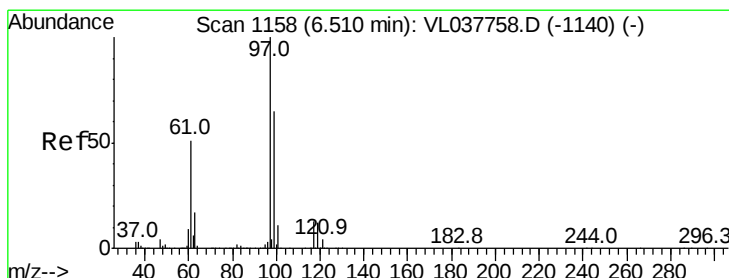
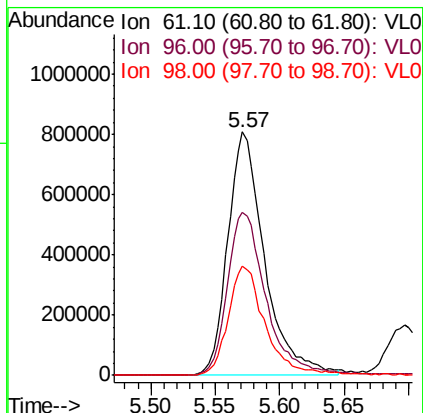
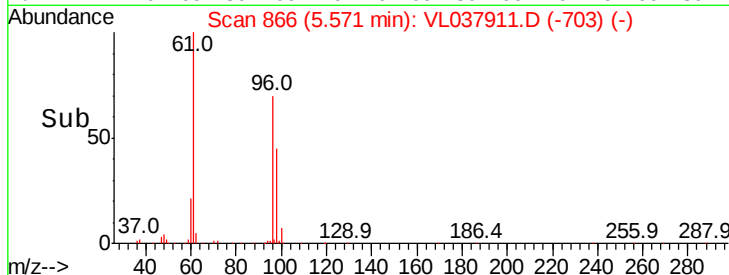
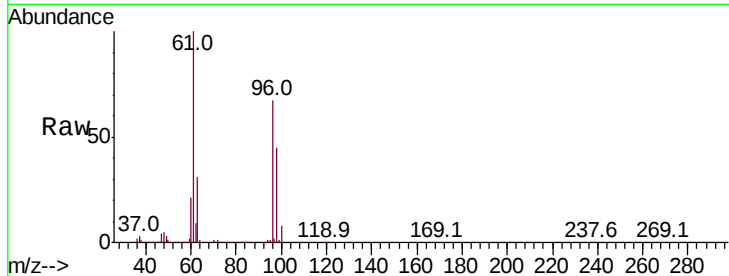
98 44.

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.233 ppbv

RT: 6.54 min Scan# 1166

Delta R.T. 0.03 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

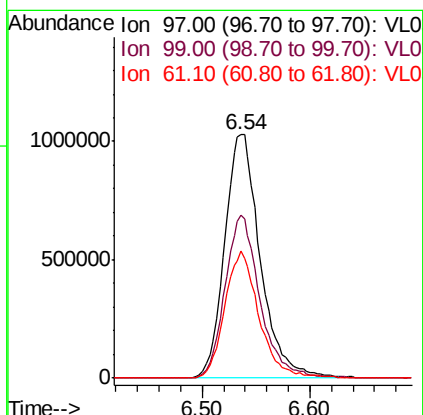
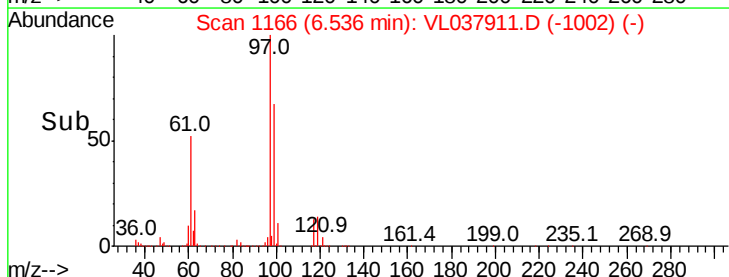
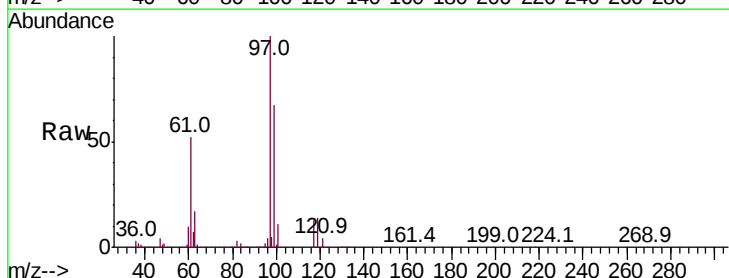
Tgt Ion: 97 Resp: 2361380

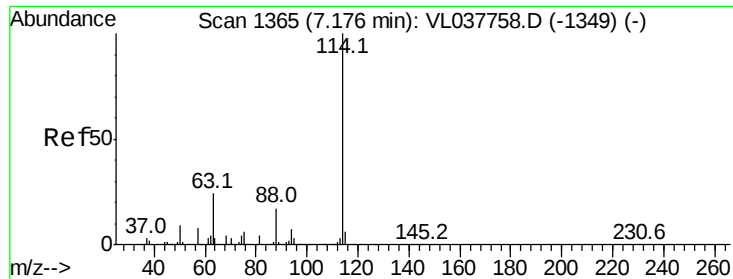
Ion Ratio Lower Upper

97 100

99 65.8 52.6 78.8

61 50.6 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion: 1

Ion Ratio

114 100

63 24.

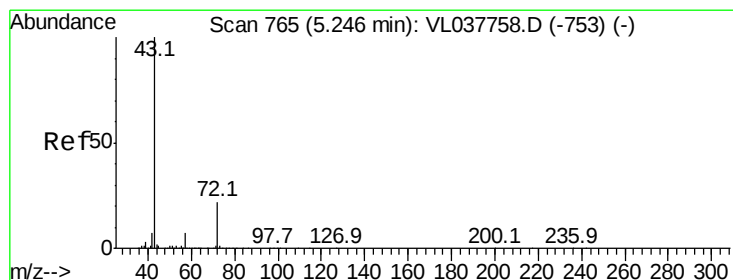
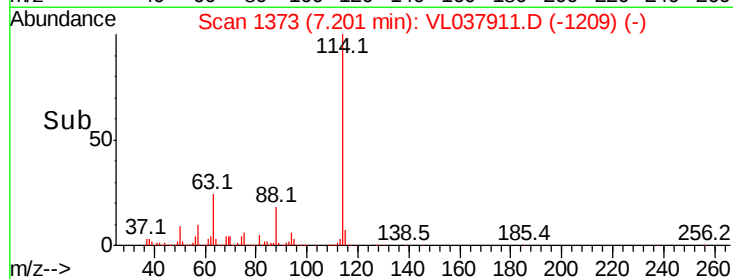
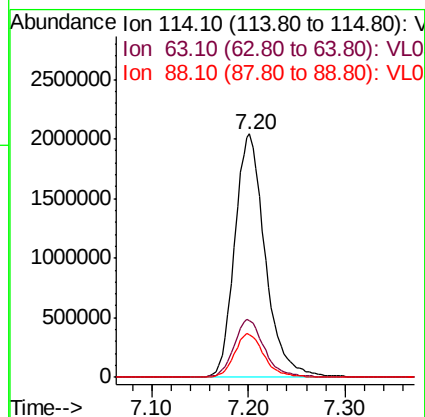
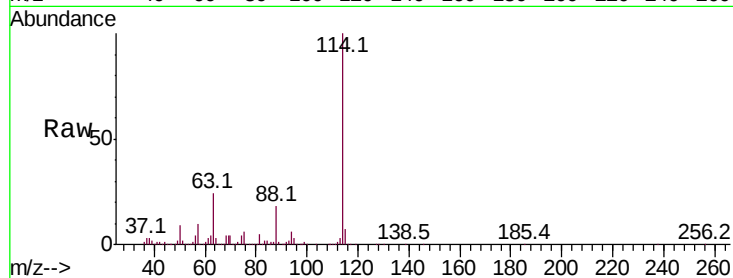
88 17.

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Reviewed By : Semsettin Yesilyurt 10/28/2021

Supervised By : Mahesh Dadoda 10/29/2021



#34

2-Butanone

Concen: 9.168 ppbv

RT: 5.27 min Scan# 771

Delta R.T. 0.02 min

Lab File: VL037911.D

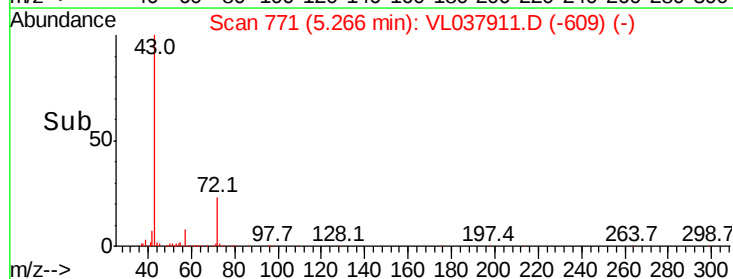
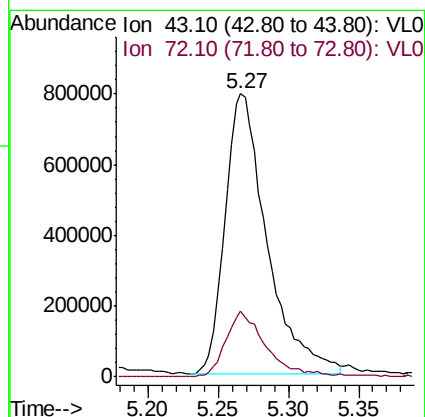
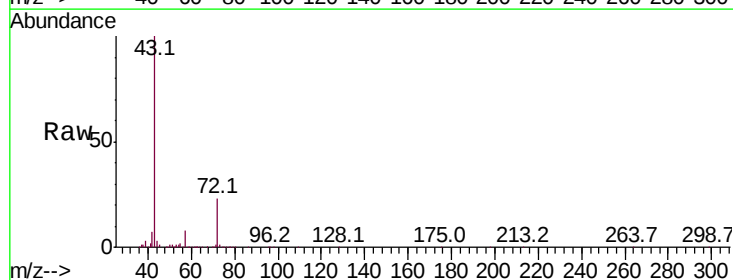
Acq: 27 Oct 2021 11:15

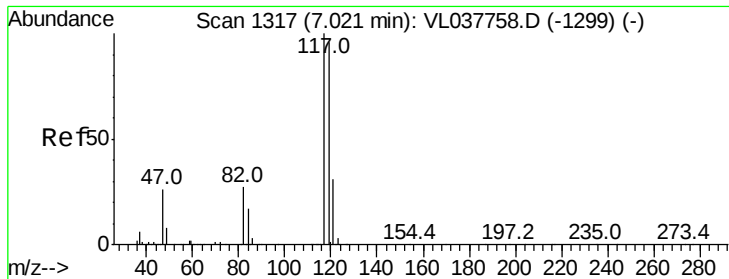
Tgt Ion: 43 Resp: 1650379

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



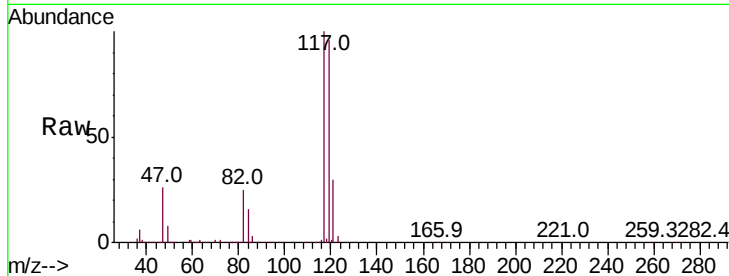


#35
Carbon Tetrachloride
Concen: 9.710 ppbv
RT: 7.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1027ABS01
Acq: 27 Oct 2021 11:15

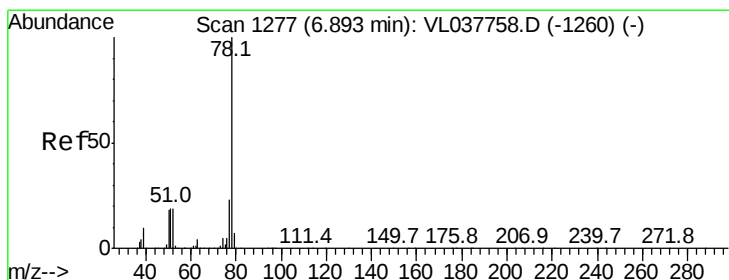
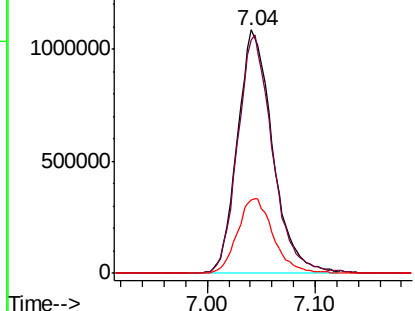
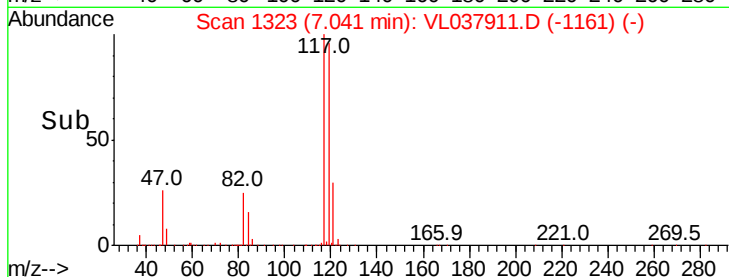
Tot Ion: 1
Ion Ratio
117 100
119 95.
121 30.

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Supervised By : Mahesh Dadoda 10/29/2021

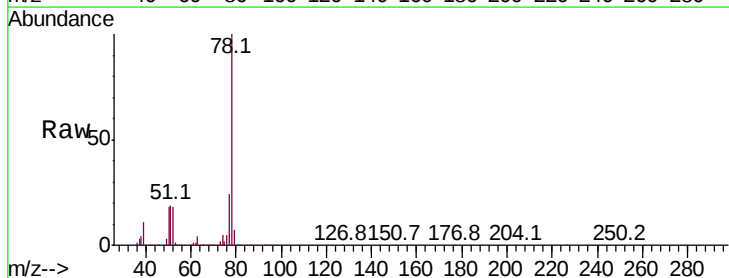


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

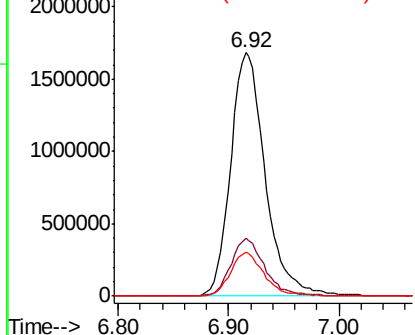
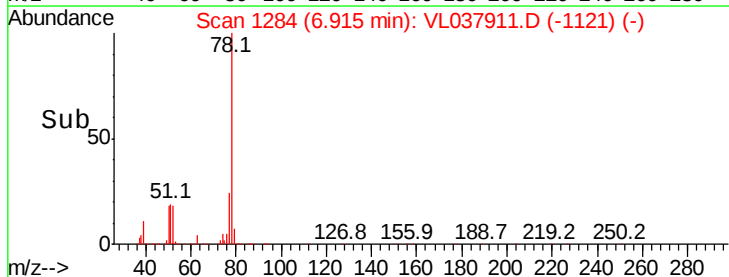


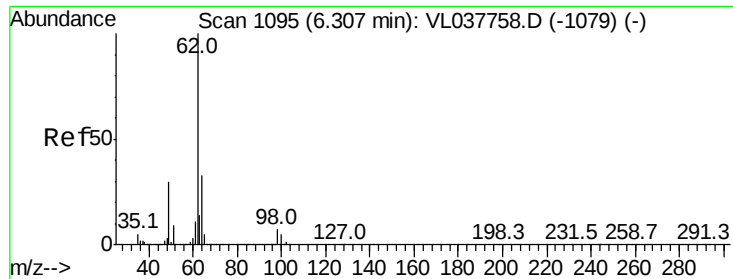
#36
Benzene
Concen: 9.587 ppbv
RT: 6.92 min Scan# 1284
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 78 Resp: 3651567
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2
50 17.9 14.7 22.1



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



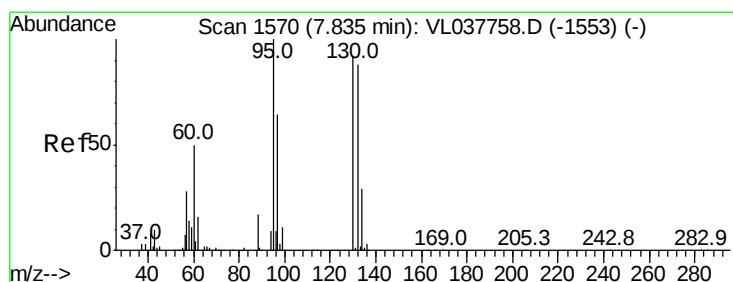
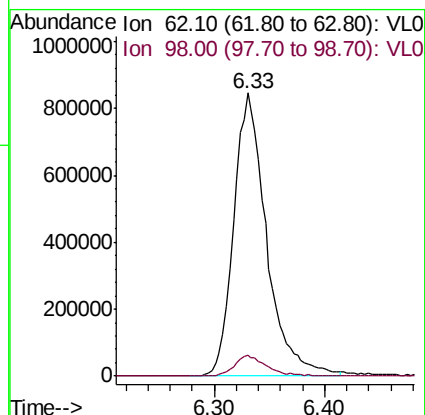
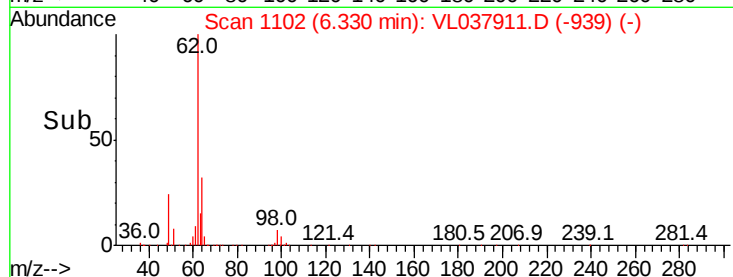
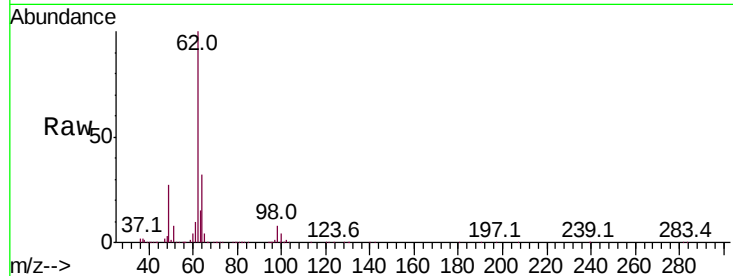


#37
 1,2-Dichloroethane
 Concen: 9.740 ppbv
 RT: 6.33
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 62 100
 98 7.

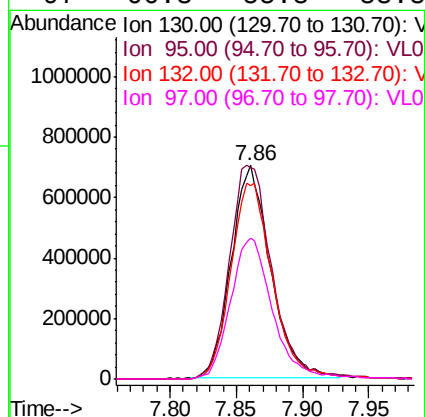
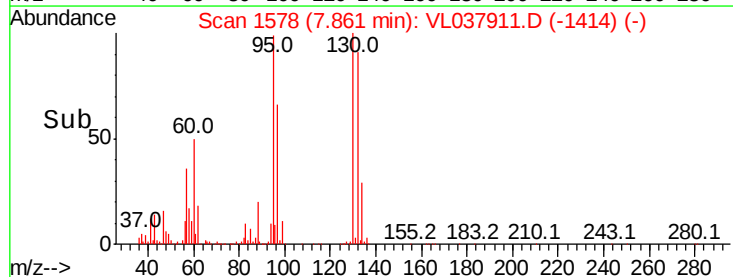
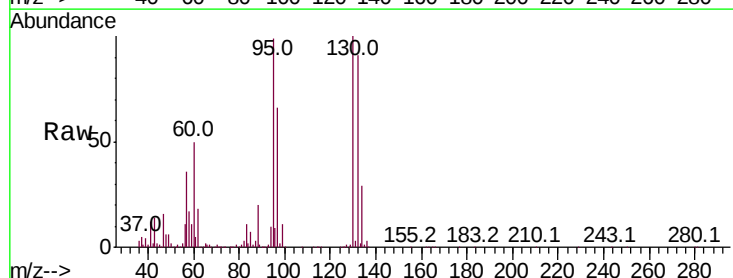
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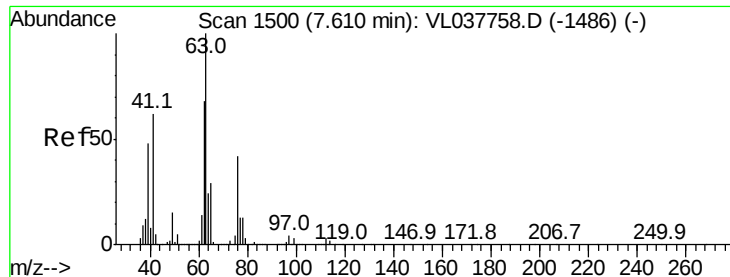
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#38
 Trichloroethene
 Concen: 9.634 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:130 Resp: 1449569
 Ion Ratio Lower Upper
 130 100
 95 99.2 87.4 131.0
 132 91.1 76.8 115.2
 97 66.3 55.8 83.8



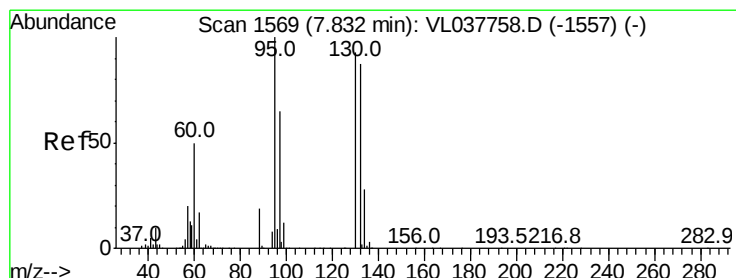
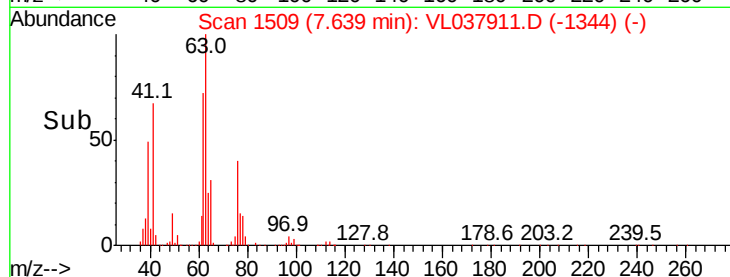
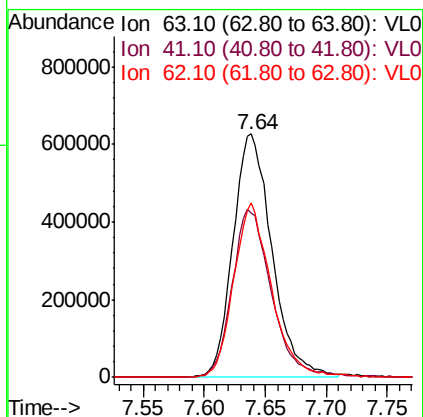
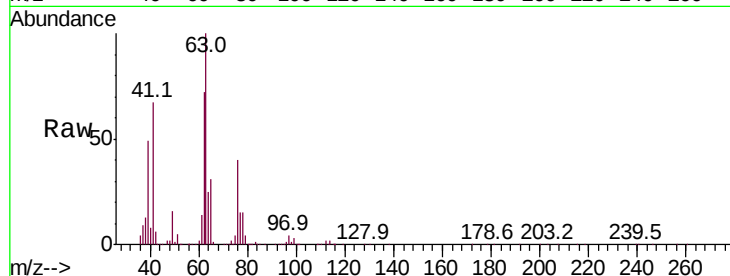


#39
 1,2-Dichloropropane
 Concen: 9.673 ppbv
 RT: 7.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 63 100
 41 67.
 62 71.

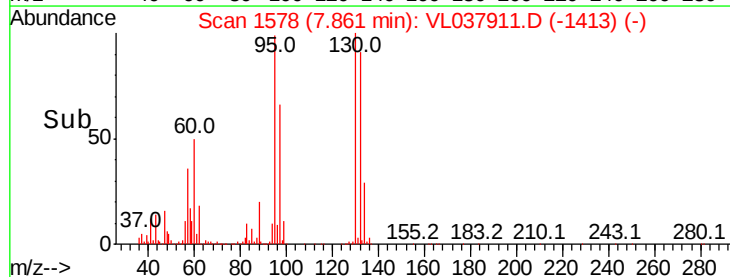
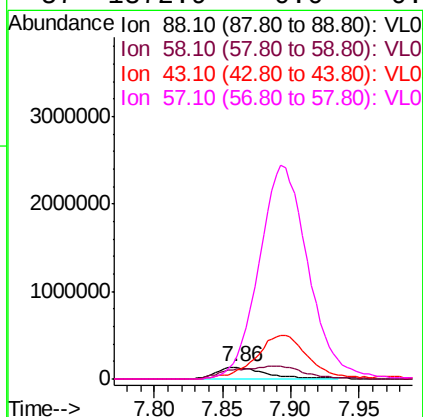
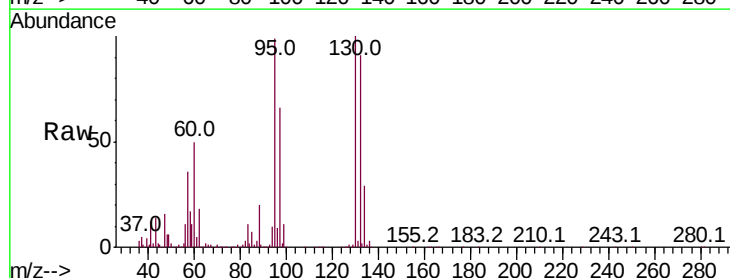
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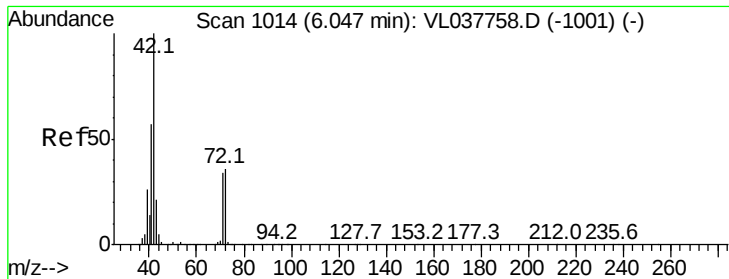
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#40
 1,4-Dioxane
 Concen: 9.209 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 88 Resp: 330132
 Ion Ratio Lower Upper
 88 100
 58 168.1 0.0 0.0#
 43 403.2 0.0 0.0#
 57 1872.9 0.0 0.0#



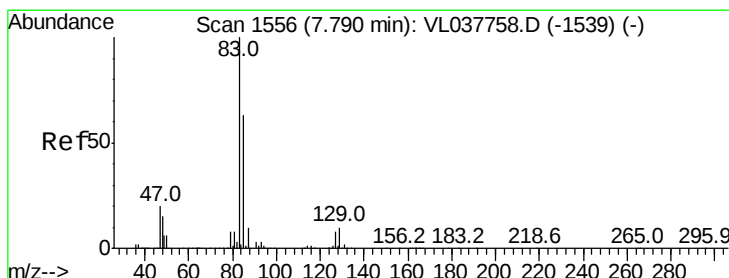
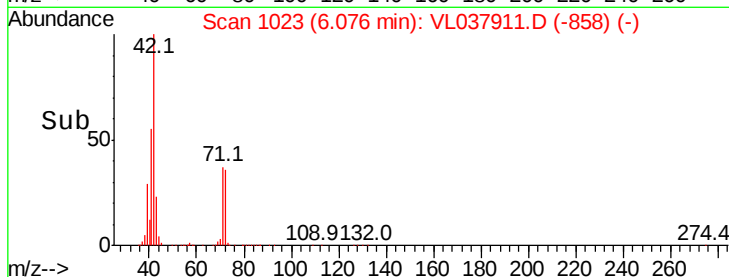
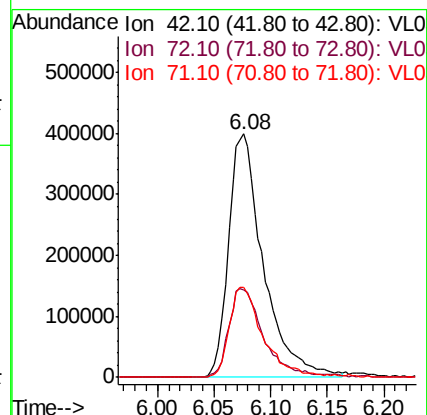
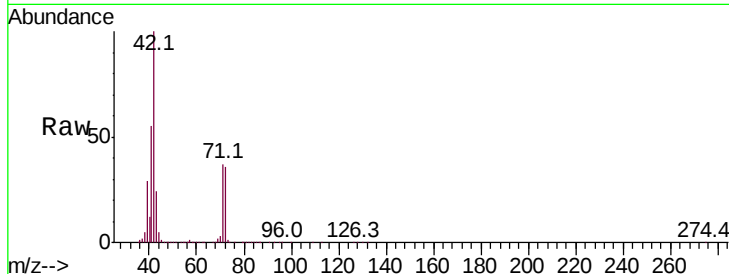


#41
Tetrahydrofuran
Concen: 9.677 ppbv
RT: 6.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1027ABS01
Acq: 27 Oct 2021 11:15

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

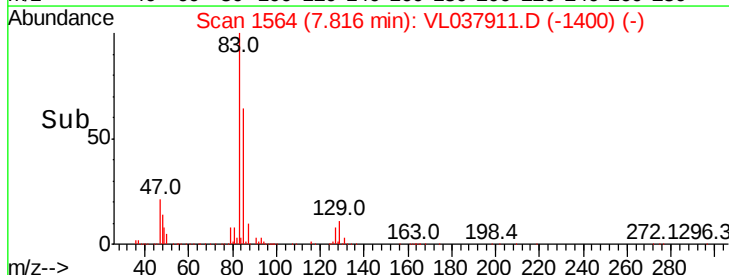
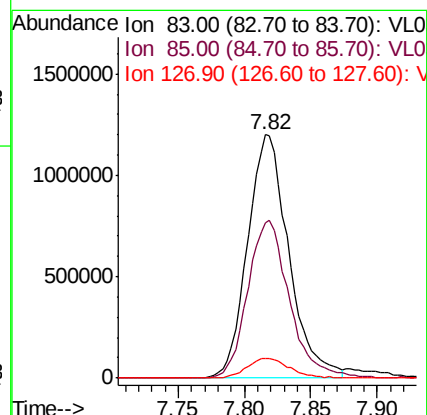
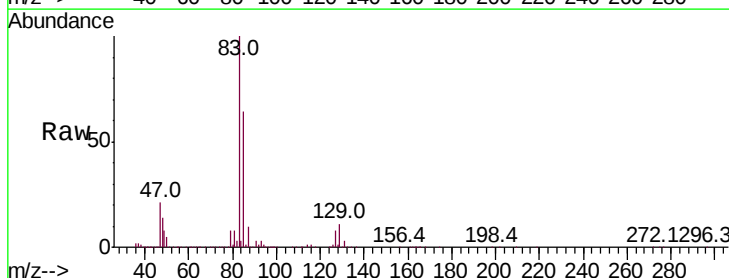
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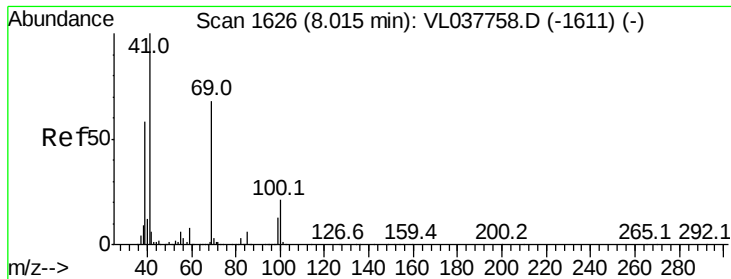
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#42
Bromodichloromethane
Concen: 9.850 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 83 Resp: 2594735
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8
127 7.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.354 ppbv

RT: 8.04

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1027ABS01

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

69 100

41 150.

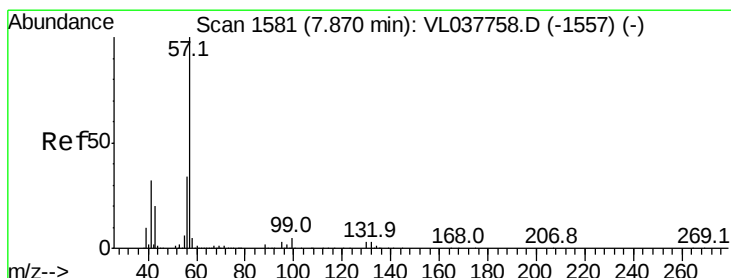
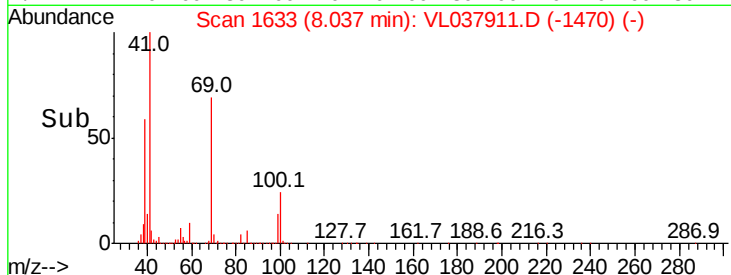
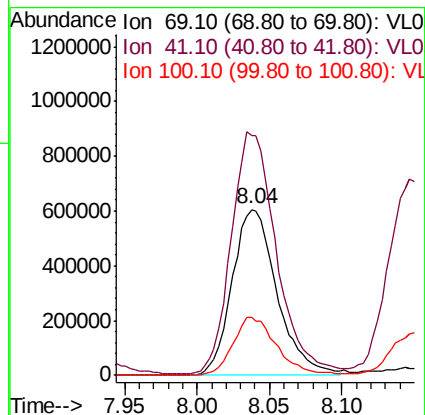
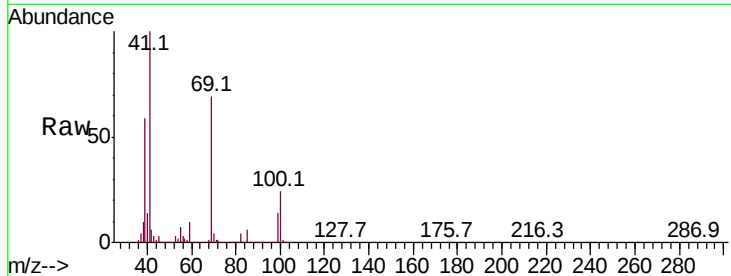
100 34.

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#44

2,2,4-Trimethylpentane

Concen: 9.624 ppbv

RT: 7.89 min Scan# 1588

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

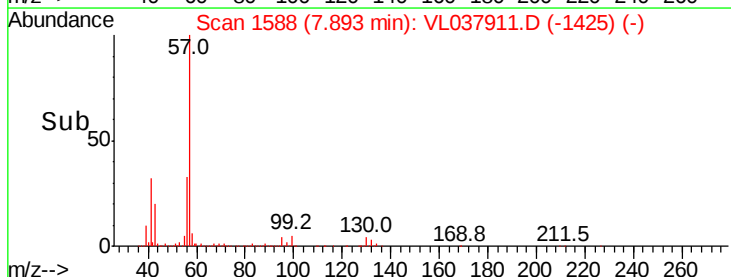
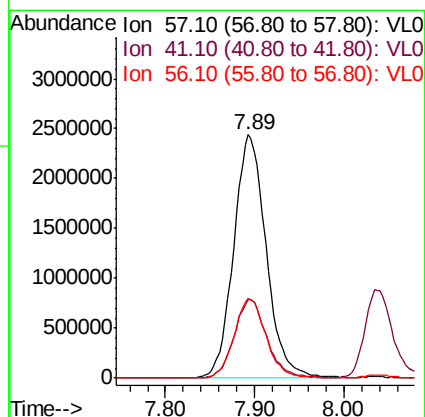
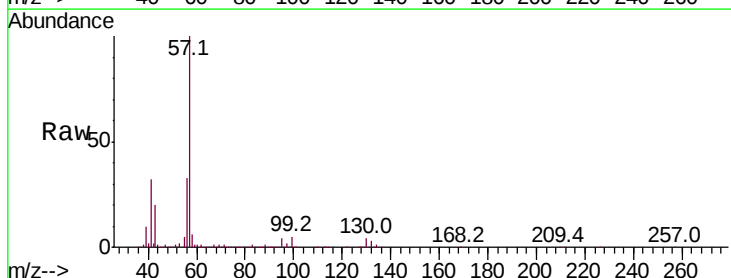
Tgt Ion: 57 Resp: 6158281

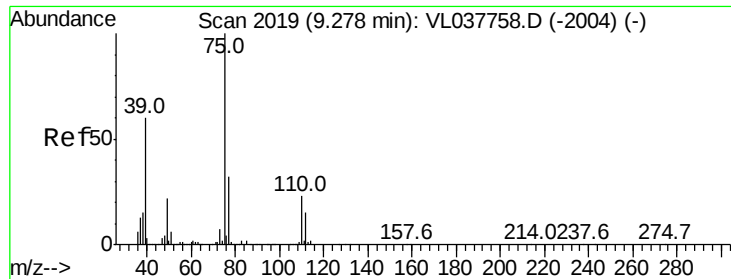
Ion Ratio Lower Upper

57 100

41 32.3 25.6 38.4

56 32.2 25.5 38.3



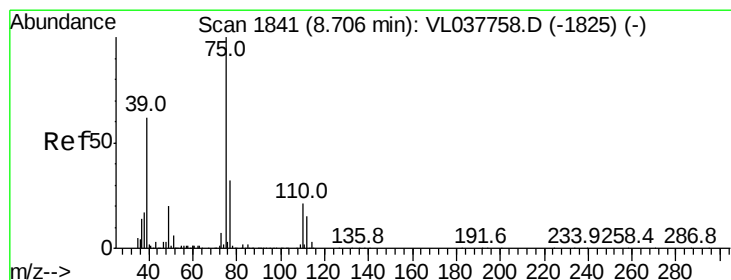
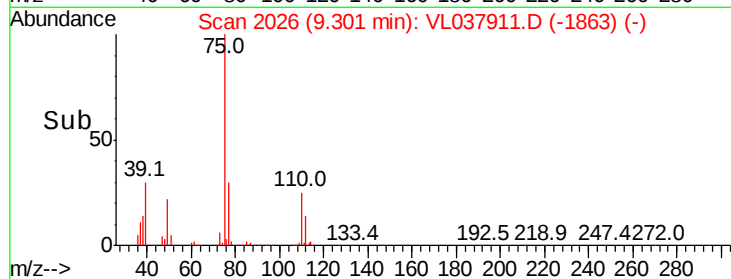
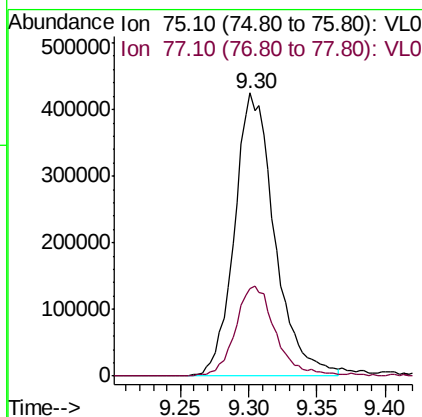
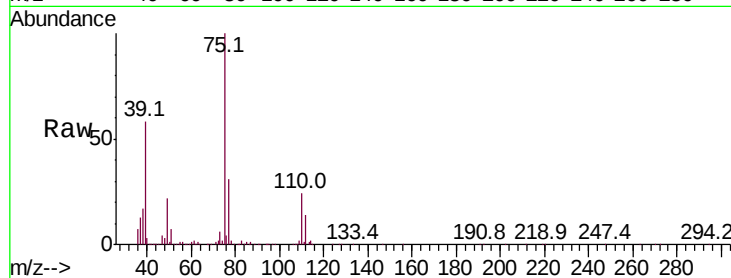


#45
 t-1,3-Dichloropropene
 Concen: 10.114 ppbv
 RT: 9.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 75 100
 77 31.

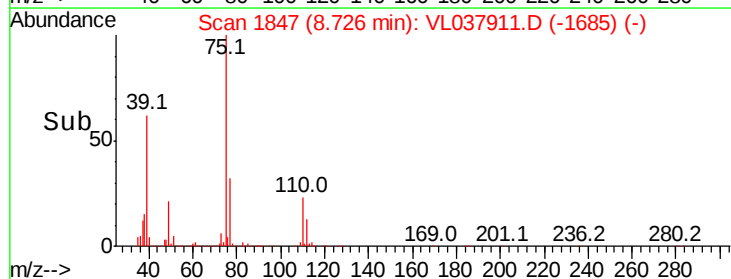
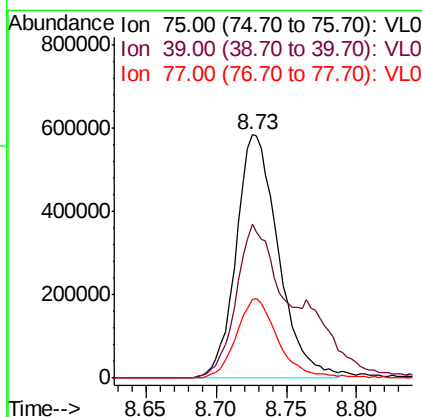
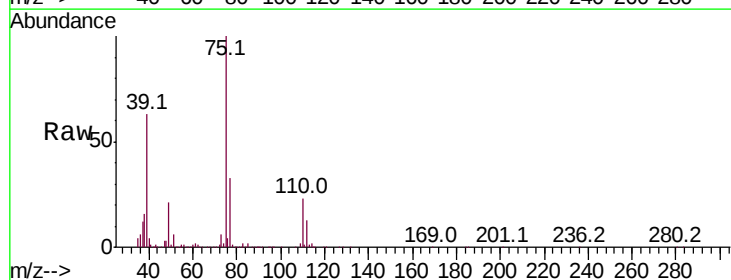
Manual Integrations
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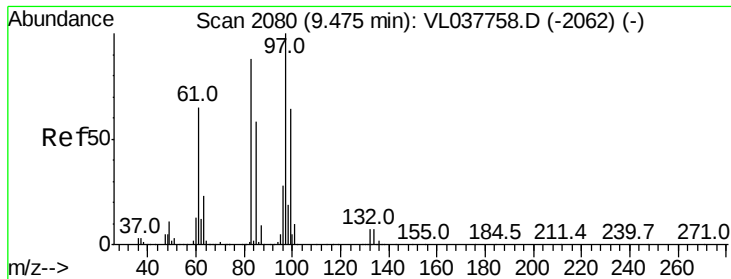
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 10.280 ppbv
 RT: 8.73 min Scan# 1847
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 75 Resp: 1219707
 Ion Ratio Lower Upper
 75 100
 39 62.6 49.9 74.9
 77 32.4 25.9 38.9



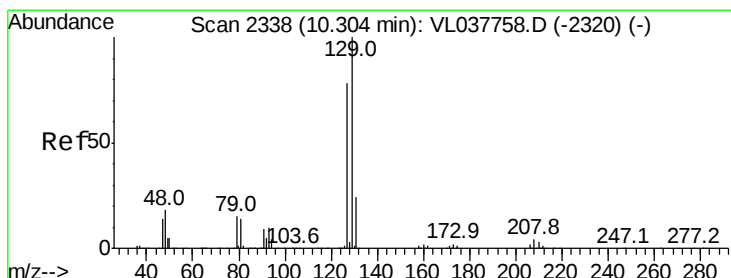
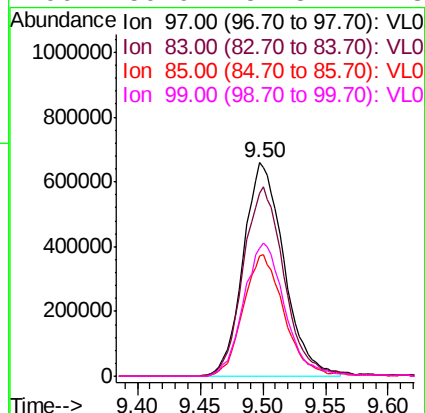
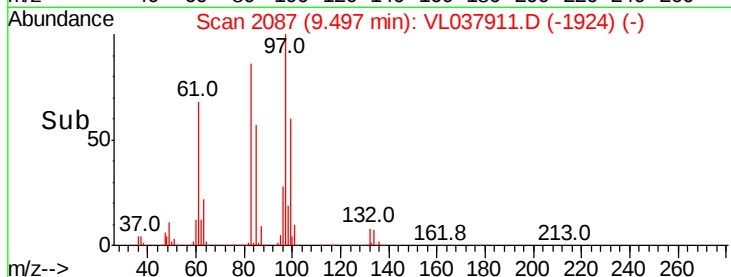
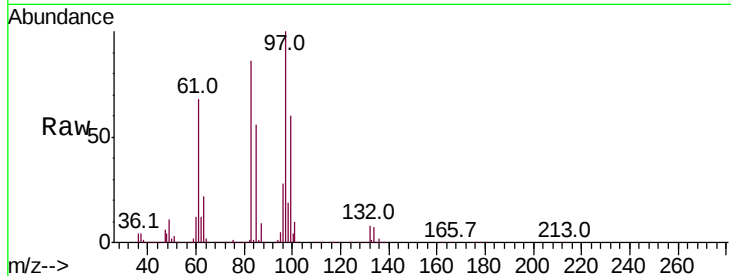


#47
 1,1,2-Trichloroethane
 Concen: 9.569 ppbv
 RT: 9.50
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 97 100
 83 86.
 85 56.
 99 59.9 51.5 77.3

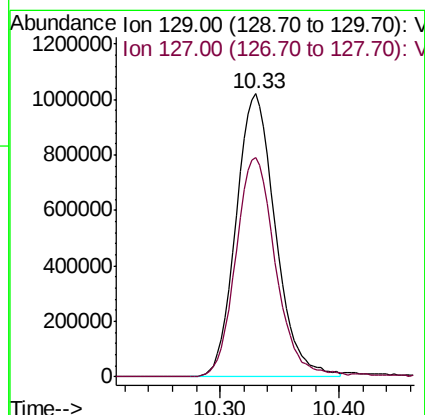
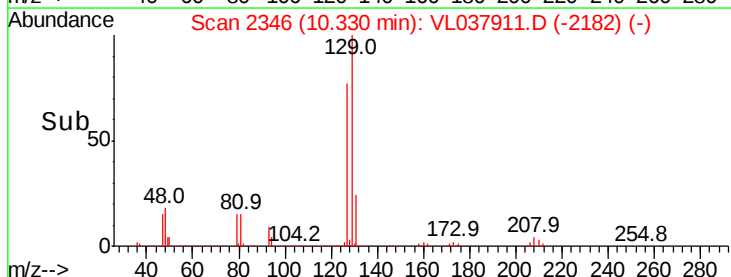
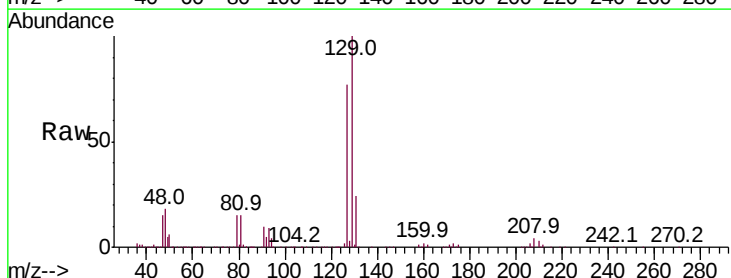
Manual Integrations
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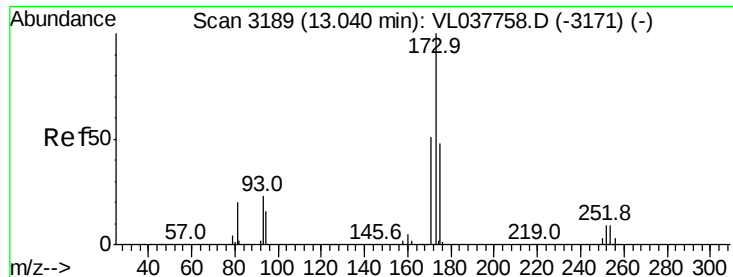
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#48
 Dibromochloromethane
 Concen: 10.553 ppbv
 RT: 10.33 min Scan# 2346
 Delta R.T. 0.03 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:129 Resp: 2342895
 Ion Ratio Lower Upper
 129 100
 127 79.3 39.5 118.5





#49

Bromoform

Concen: 11.306 ppbv

RT: 13.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:1

Ion Ratio

173 100

175 53.

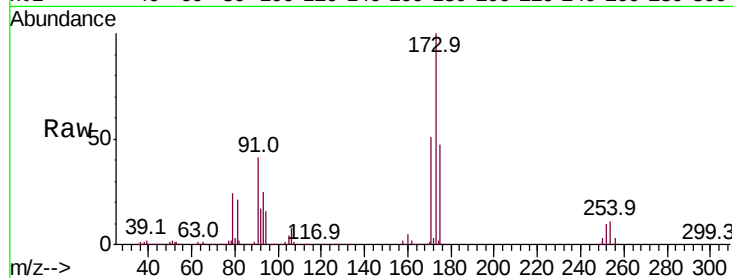
171 56.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

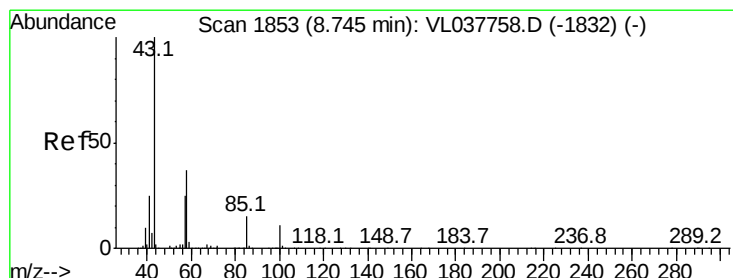
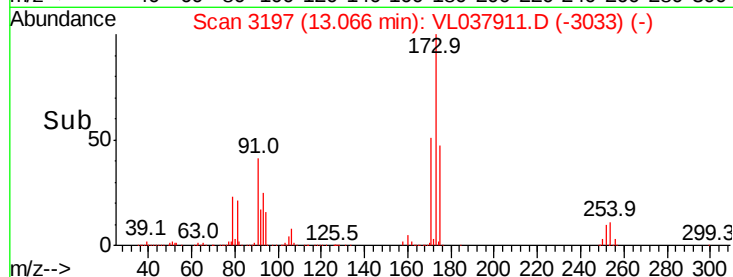
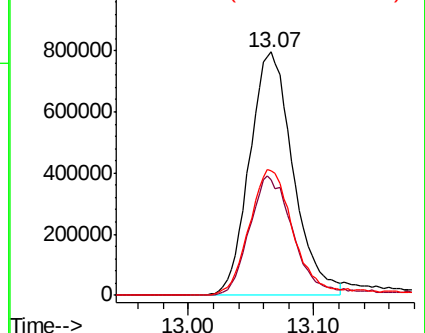
Supervised By :Mahesh Dadoda 10/29/2021



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.251 ppbv

RT: 8.77 min Scan# 1860

Delta R.T. 0.02 min

Lab File: VL037911.D

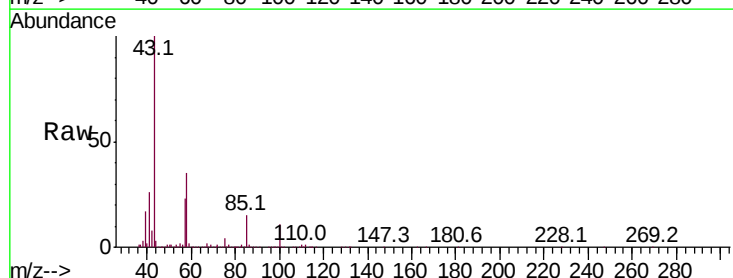
Acq: 27 Oct 2021 11:15

Tgt Ion: 43 Resp: 2402392

Ion Ratio Lower Upper

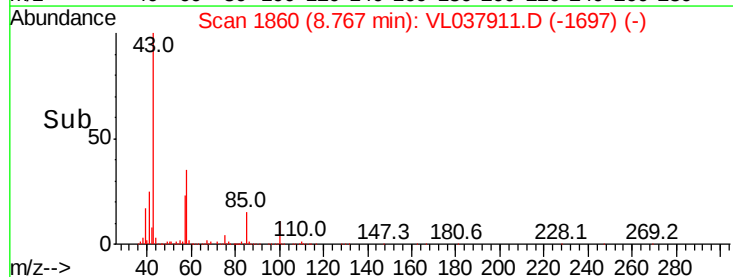
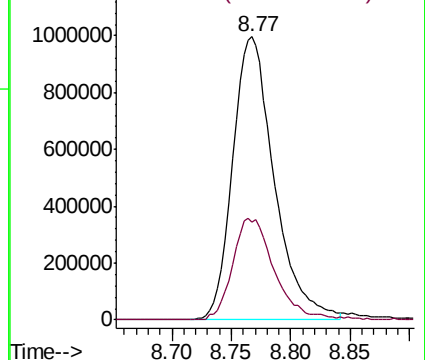
43 100

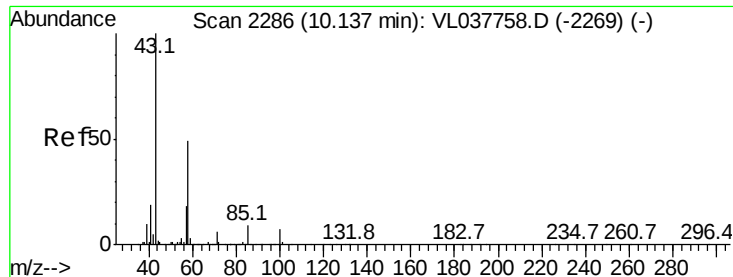
58 36.6 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.553 ppbv

RT: 10.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

43 100

58 49.

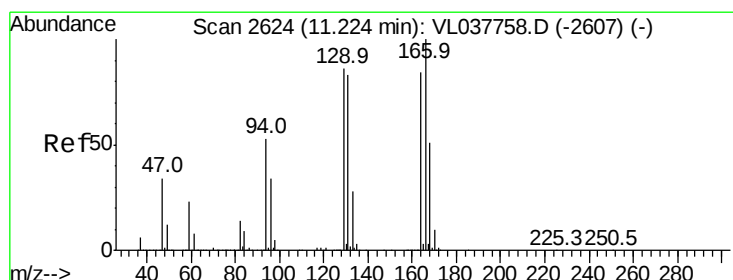
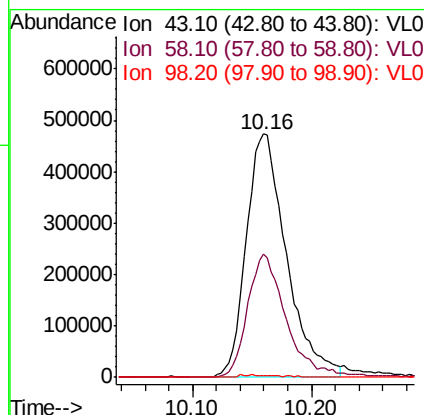
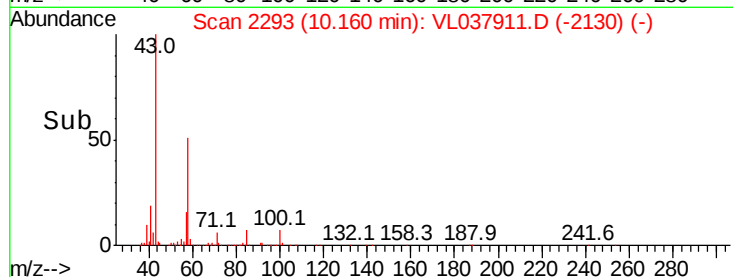
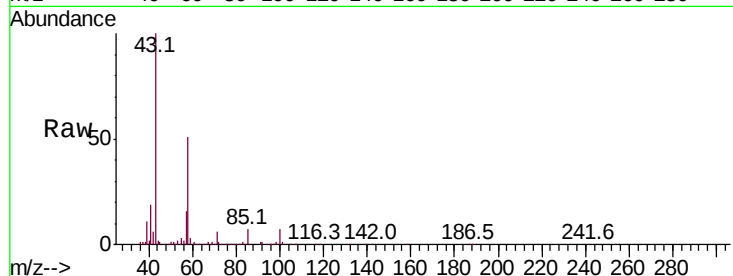
98 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#52

Tetrachloroethene

Concen: 8.924 ppbv

RT: 11.25 min Scan# 2631

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion:164 Resp: 1322424

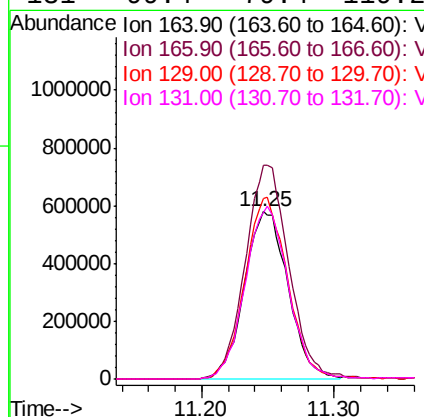
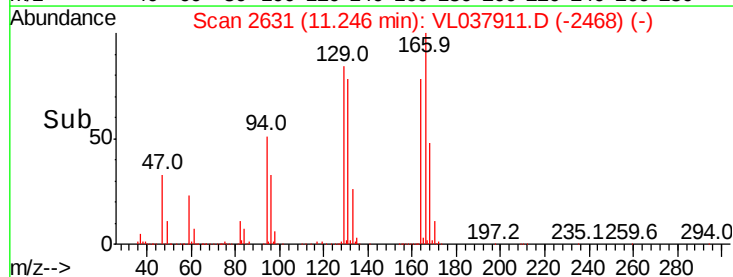
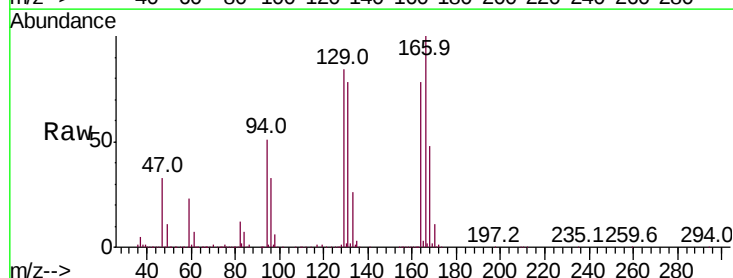
Ion Ratio Lower Upper

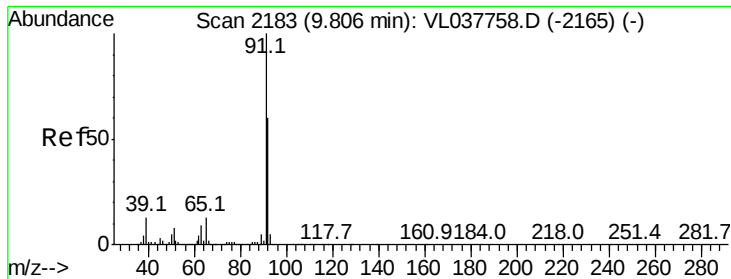
164 100

166 127.5 95.4 143.2

129 107.6 82.2 123.4

131 99.4 79.4 119.2





#53

Toluene

Concen: 9.985 ppbv

RT: 9.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

91 100

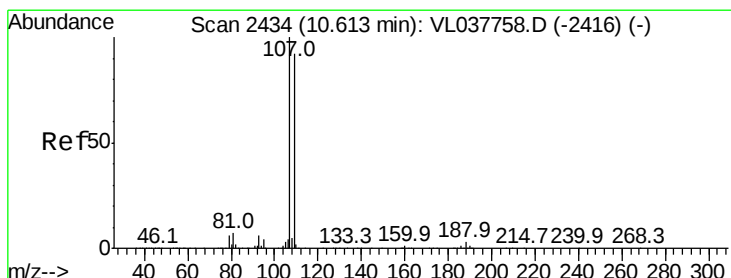
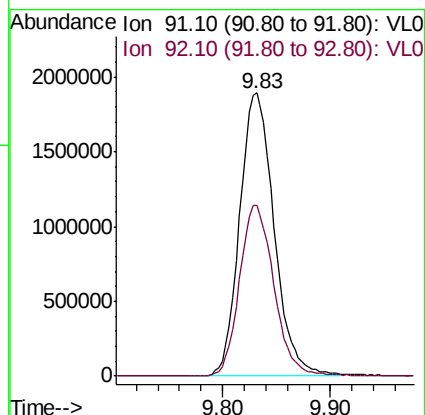
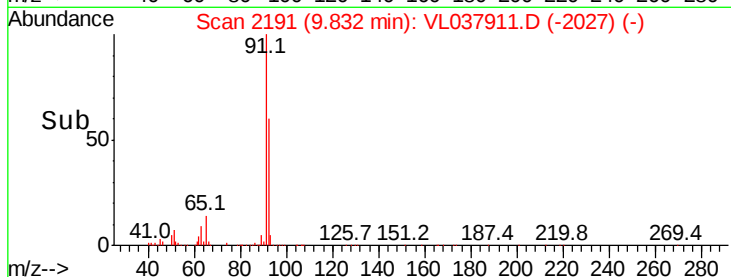
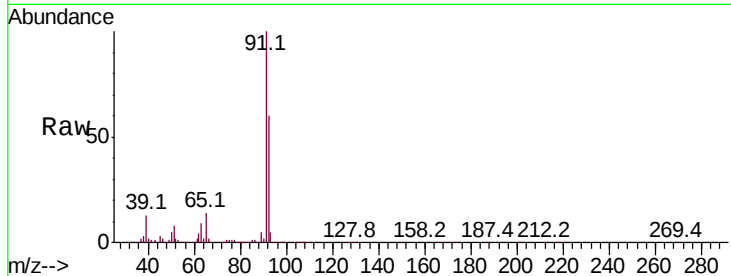
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#54

1,2-Dibromoethane

Concen: 9.767 ppbv

RT: 10.64 min Scan# 2441

Delta R.T. 0.02 min

Lab File: VL037911.D

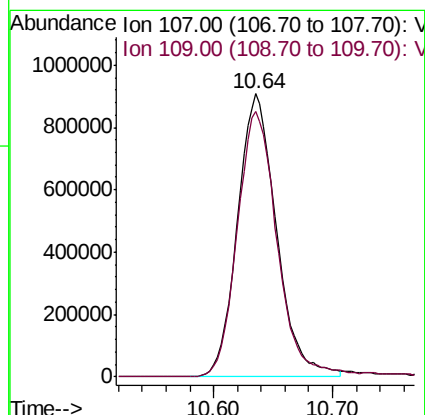
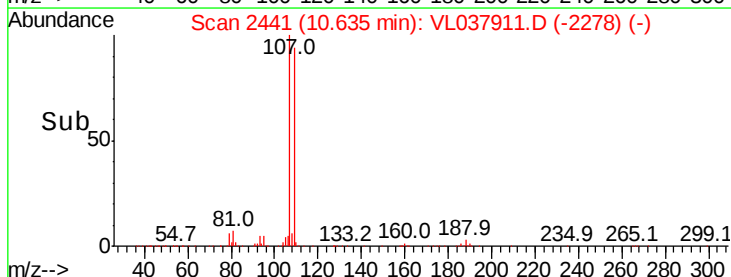
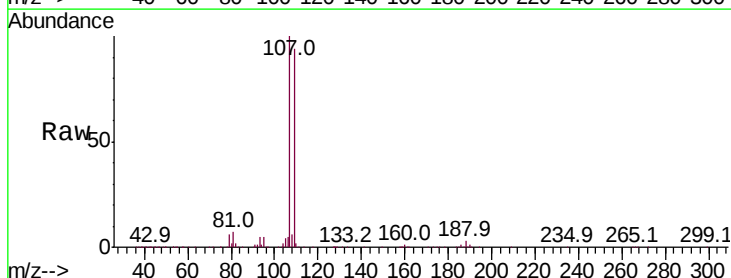
Acq: 27 Oct 2021 11:15

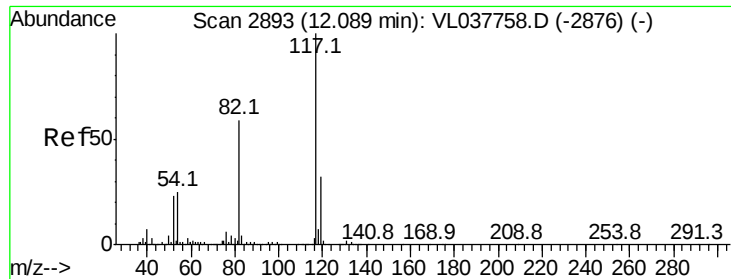
Tgt Ion:107 Resp: 2054721

Ion Ratio Lower Upper

107 100

109 94.0 73.8 110.6



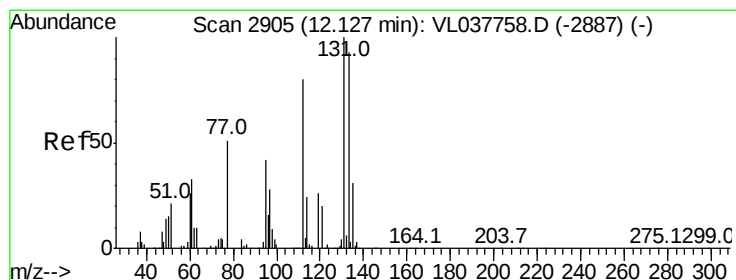
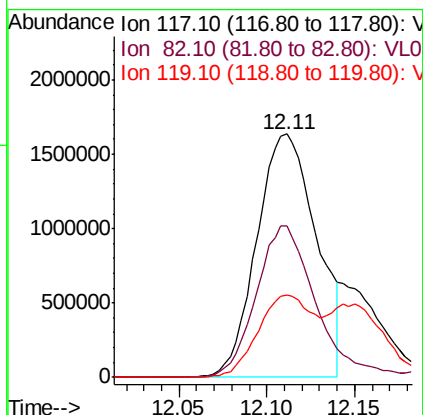
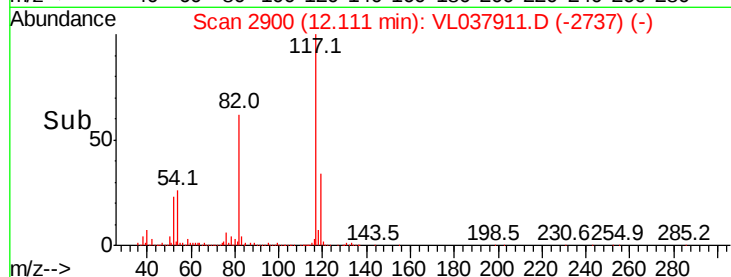
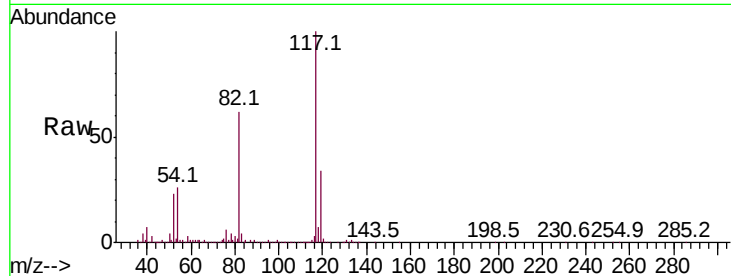


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.11
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VL1027ABS01
Acq: 27 Oct 2021 11:15

Tot Ion:1
Ion Rati
117 100
82 64.
119 31.

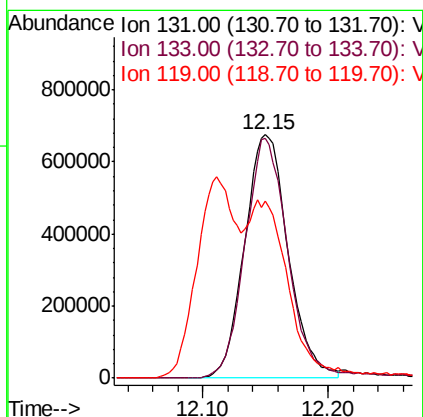
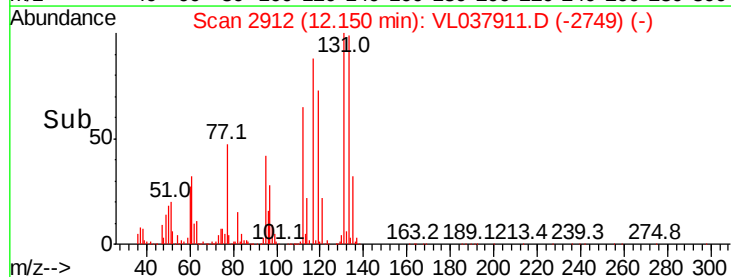
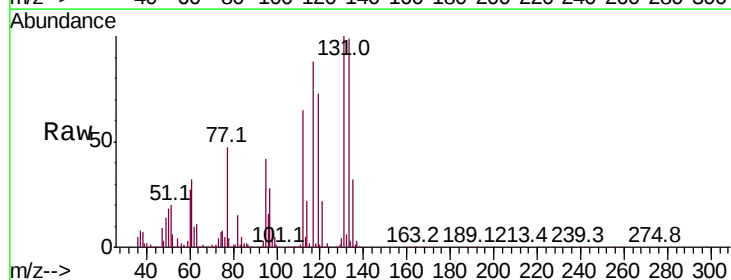
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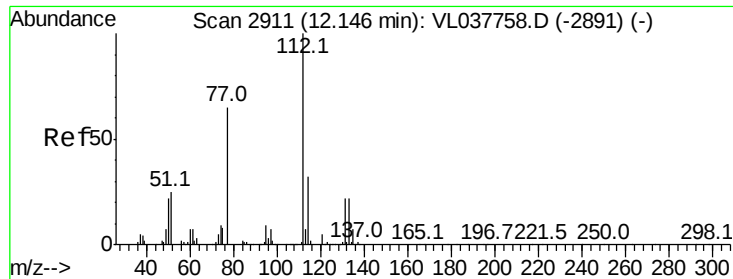
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.171 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion:131 Resp: 1631814
Ion Ratio Lower Upper
131 100
133 99.2 78.5 117.7
119 74.1 51.7 77.5



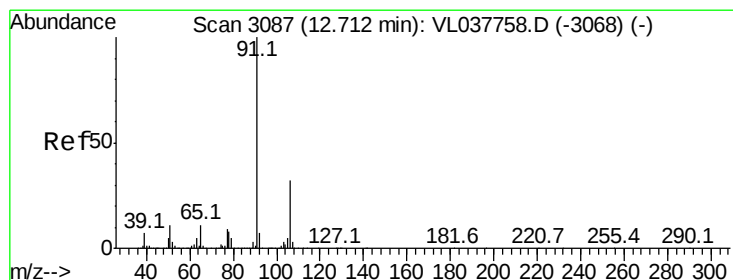
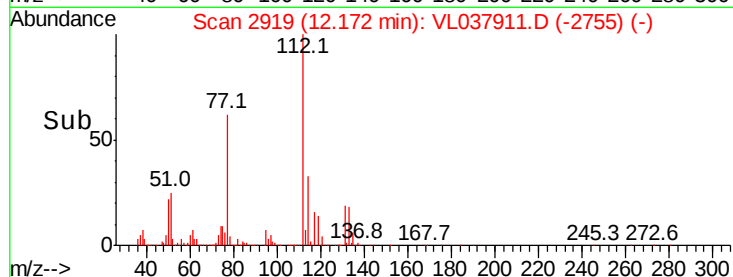
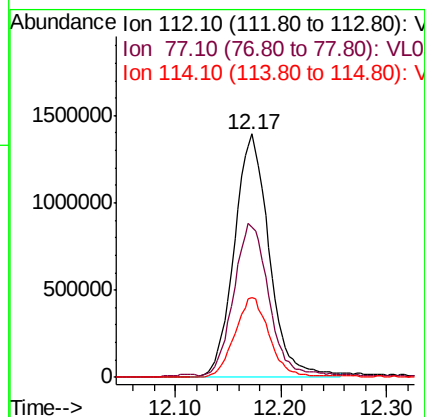
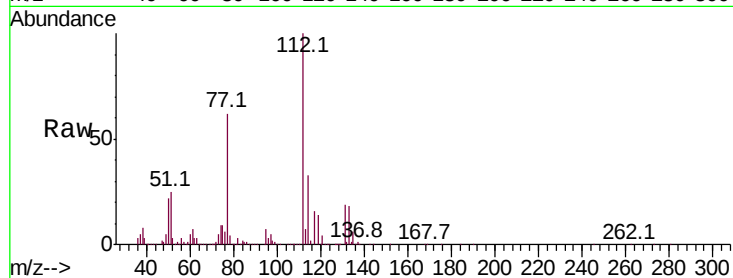


#57
Chlorobenzene
Concen: 10.070 ppbv
RT: 12.17 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Manual Integrations
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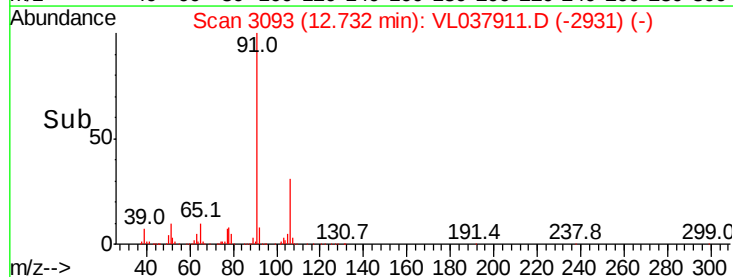
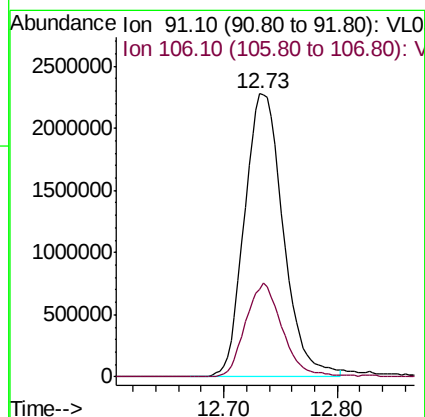
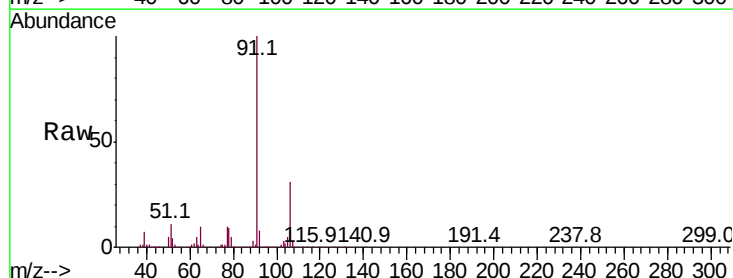
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021

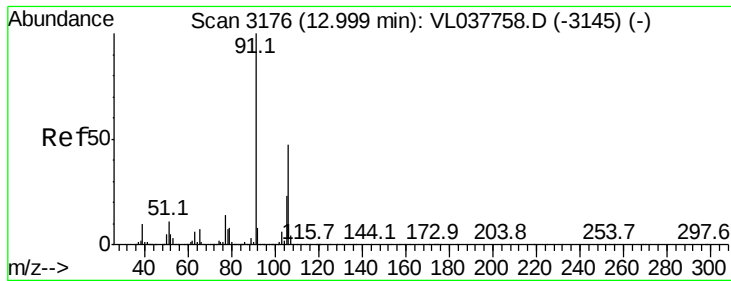
Tot Ion:1
Ion Ratio
112 100
77 60.
114 32.



#58
Ethyl Benzene
Concen: 10.450 ppbv
RT: 12.73 min Scan# 3093
Delta R.T.: 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 5438216
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



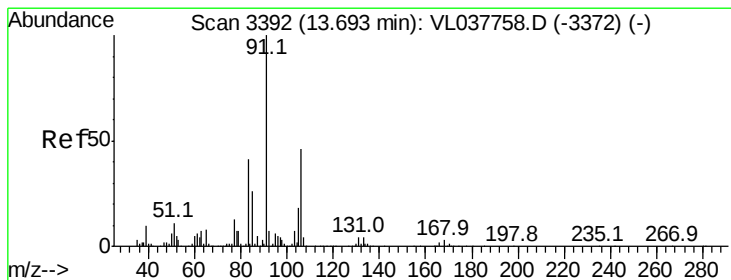
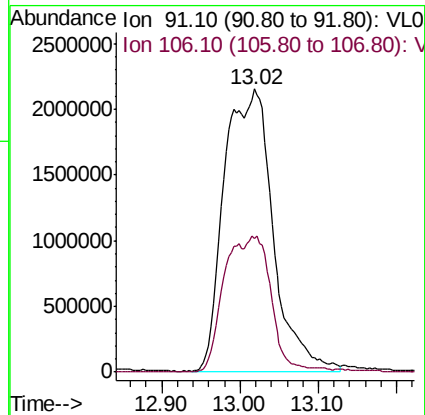
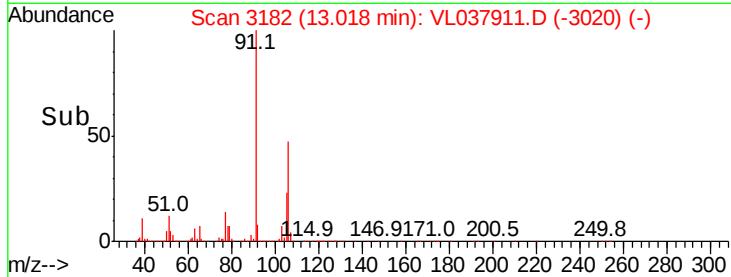
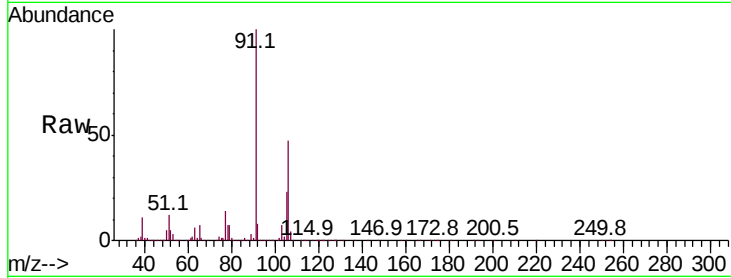


#59
m/p-Xylene
Concen: 20.772 ppbv m
RT: 13.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

Tot Ion:
Ion Ratio
91 100
106 46.

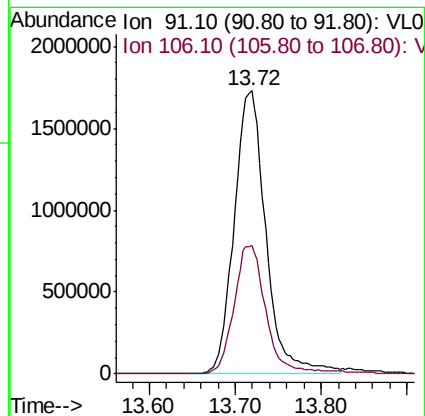
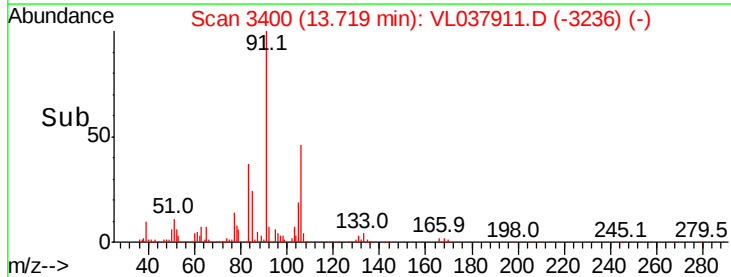
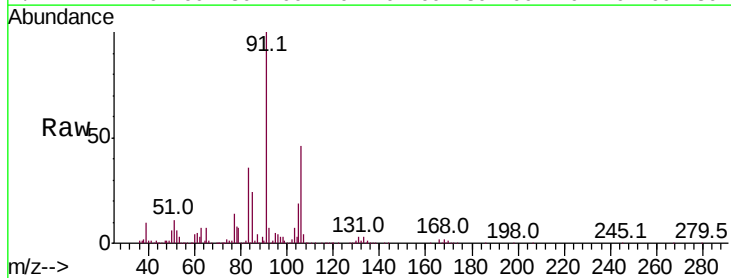
Manual Integrations
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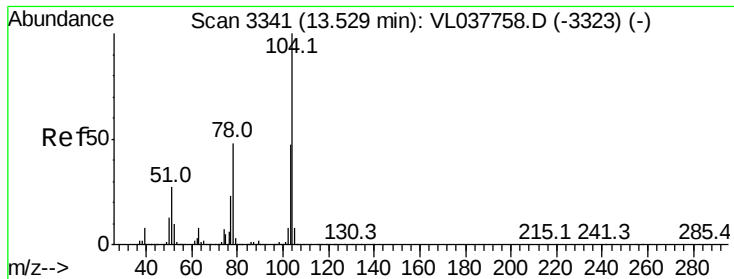
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#60
o-Xylene
Concen: 10.311 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 4414313
Ion Ratio Lower Upper
91 100
106 46.3 23.5 70.5





#61

Stvrene

Concen: 11.539 ppbv

RT: 13.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:1

Ion Ratio

104 100

78 49.

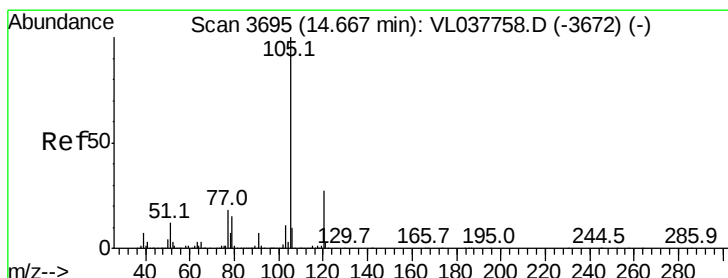
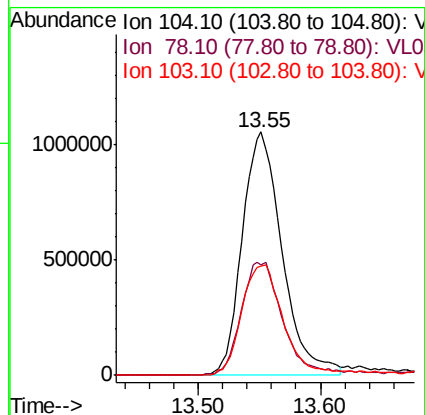
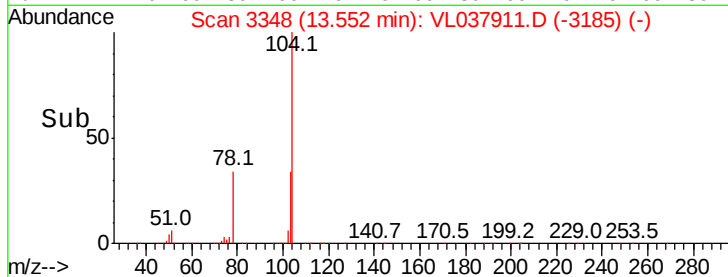
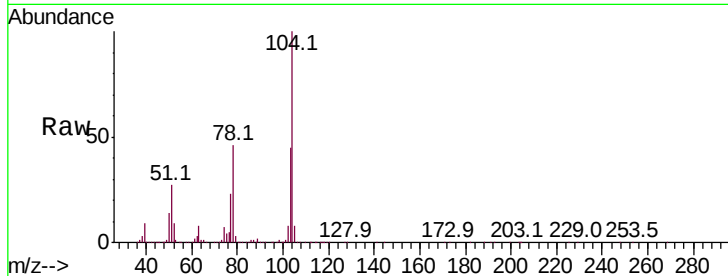
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#62

Isopropylbenzene

Concen: 10.043 ppbv

RT: 14.69 min Scan# 3702

Delta R.T. 0.02 min

Lab File: VL037911.D

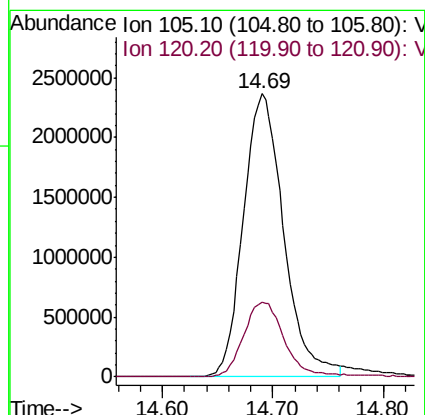
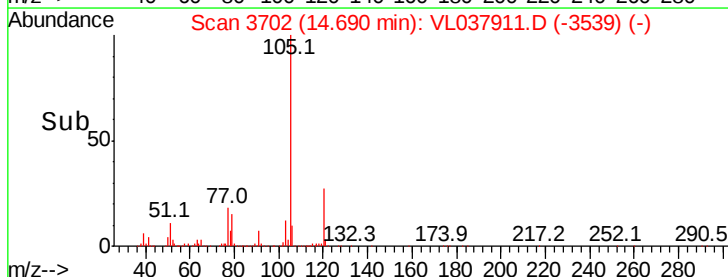
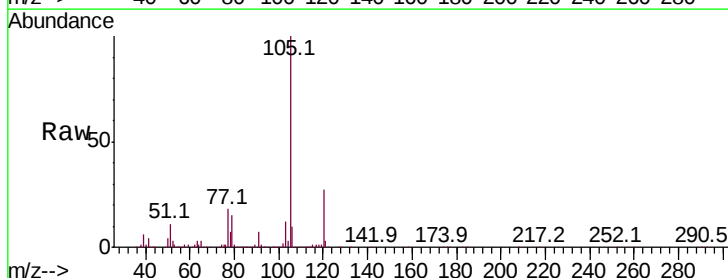
Acq: 27 Oct 2021 11:15

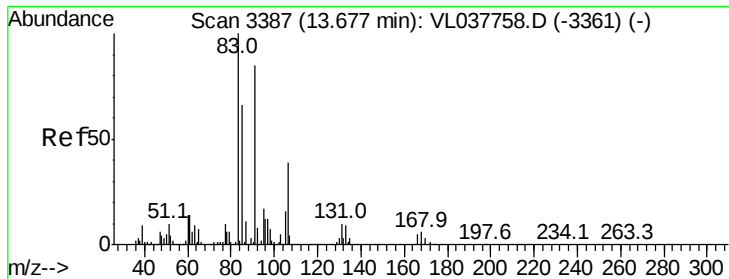
Tgt Ion:105 Resp: 5997219

Ion Ratio Lower Upper

105 100

120 27.3 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 9.691 ppbv

RT: 13.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:

Ion Ratio

83 100

131 9.

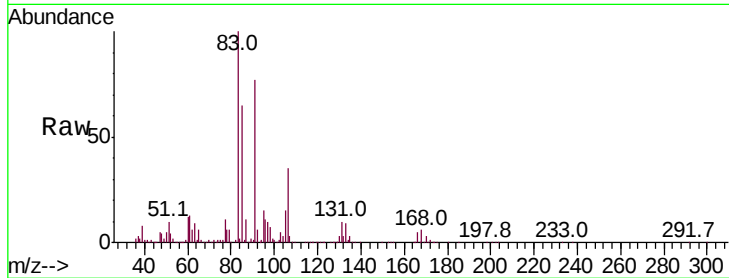
85 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

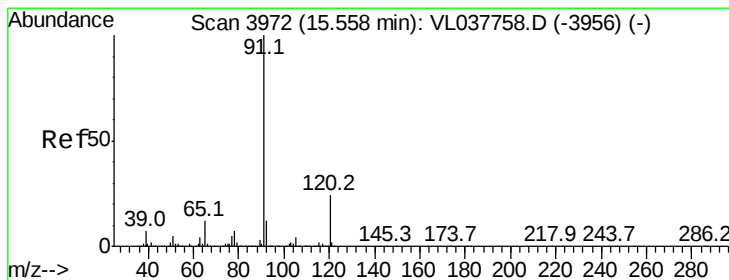
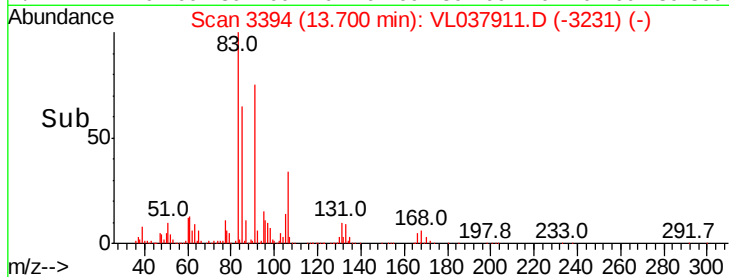
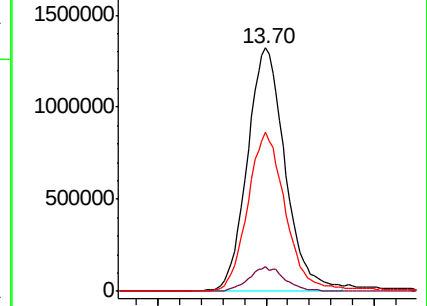
Supervised By :Mahesh Dadoda 10/29/2021



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 10.824 ppbv

RT: 15.59 min Scan# 3981

Delta R.T. 0.03 min

Lab File: VL037911.D

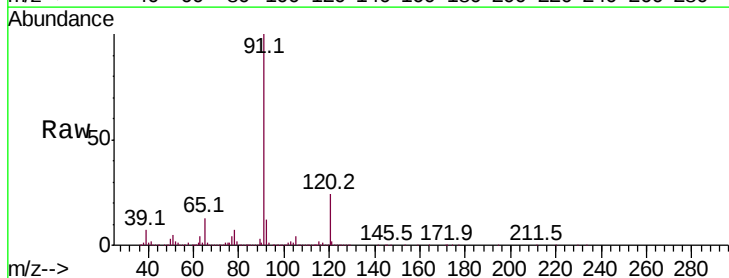
Acq: 27 Oct 2021 11:15

Tgt Ion:120 Resp: 1611737

Ion Ratio Lower Upper

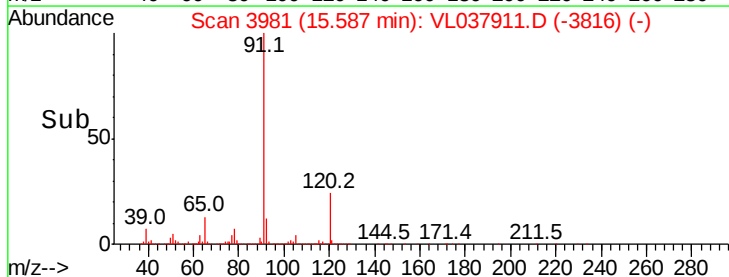
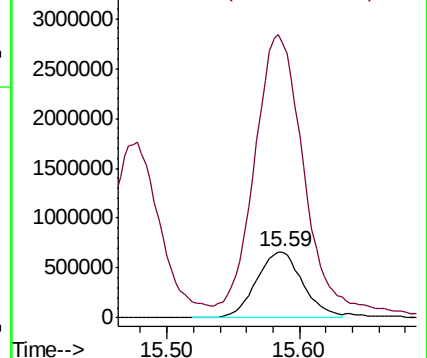
120 100

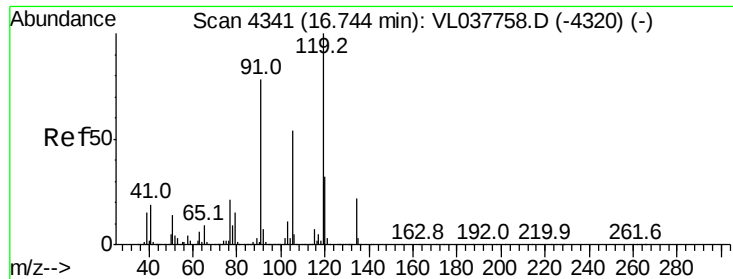
91 475.1 375.0 562.6



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



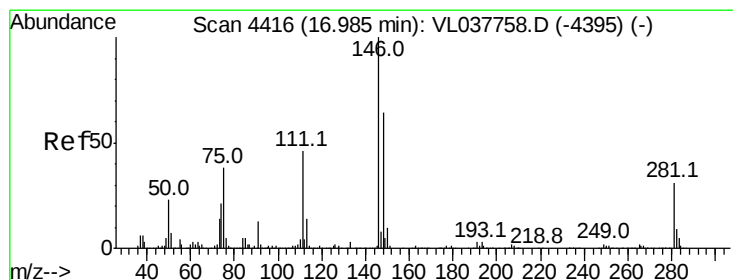
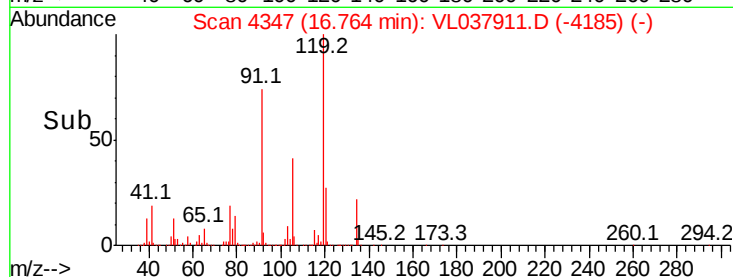
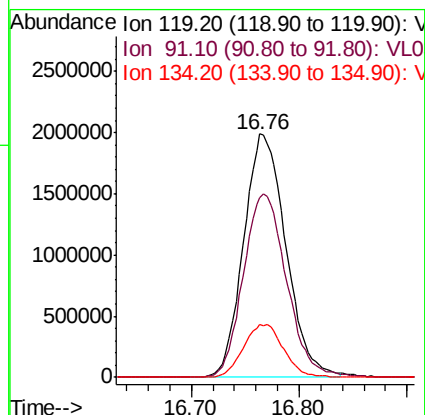
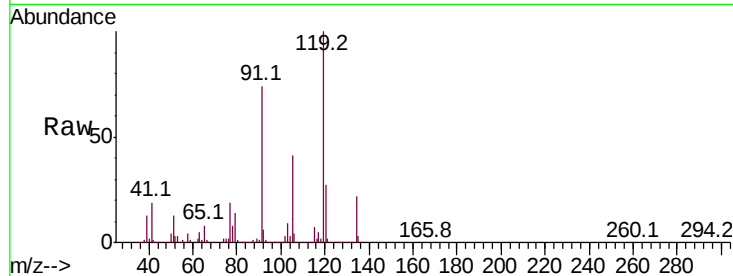


#65
tert-Butylbenzene
Concen: 10.285 ppbv
RT: 16.76 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1027ABS01
Acq: 27 Oct 2021 11:15

Tot Ion: 1
Ion Ratio
119 100
91 77.
134 20.

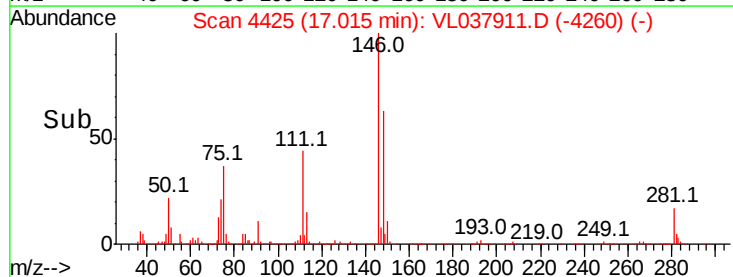
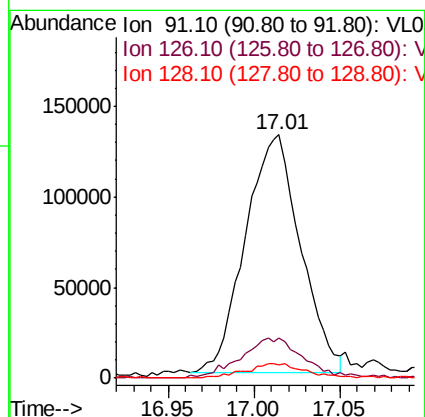
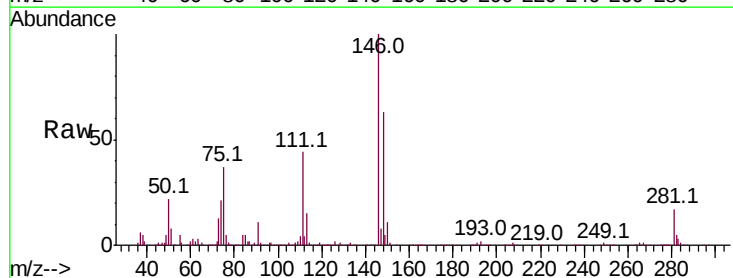
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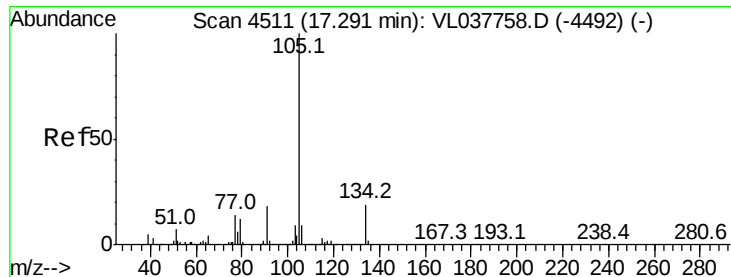
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#66
Benzyl Chloride
Concen: 11.295 ppbv
RT: 17.01 min Scan# 4425
Delta R.T.: 0.03 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 292922
Ion Ratio Lower Upper
91 100
126 20.0 0.0 0.0#
128 7.1 5.3 7.9



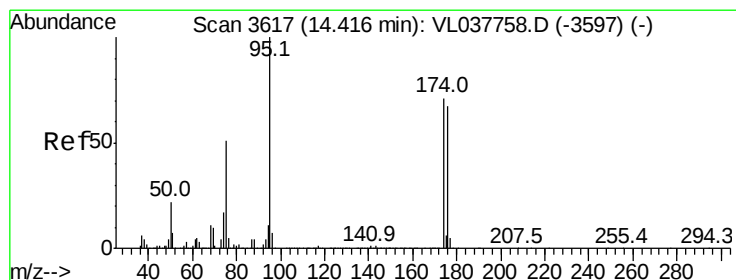
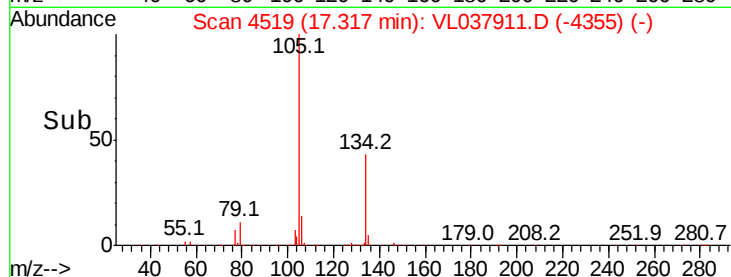
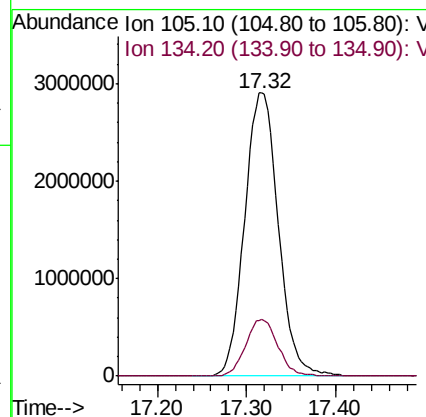
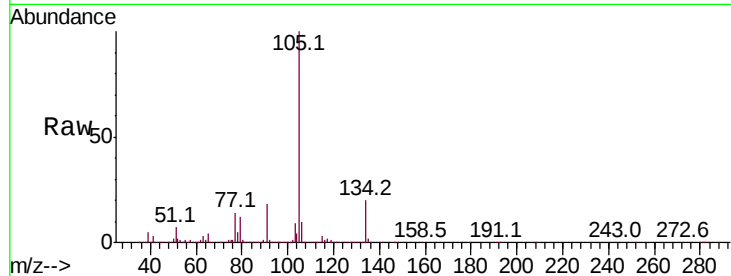


#67
 sec-Butylbenzene
 Concen: 10.603 ppbv
 RT: 17.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:1
 Ion Rati
 105 100
 134 19.

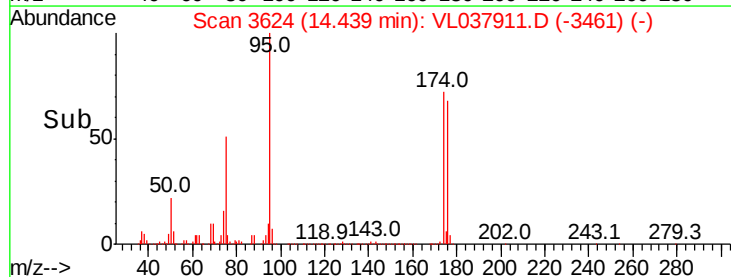
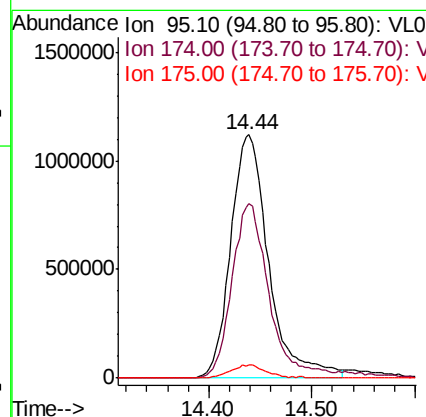
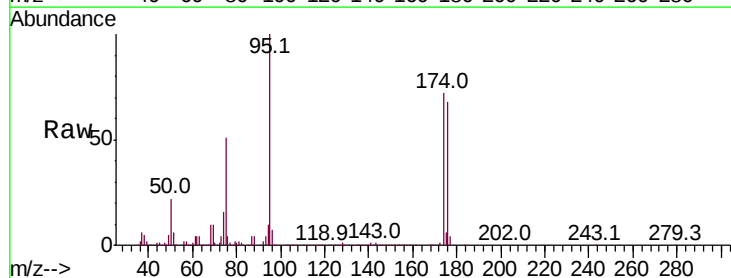
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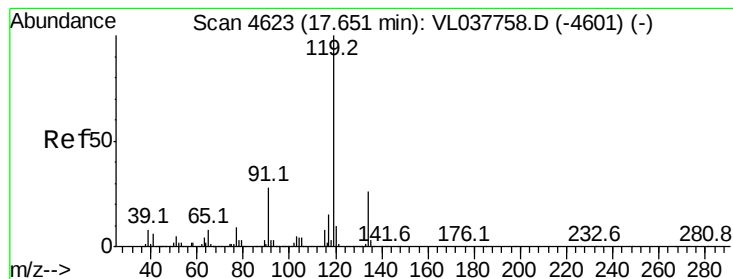
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.607 ppbv
 RT: 14.44 min Scan# 3624
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion: 95 Resp: 2874659
 Ion Ratio Lower Upper
 95 100
 174 73.2 57.8 86.6
 175 5.4 4.7 7.1





#69

p-Isopropyltoluene

Concen: 11.078 ppbv

RT: 17.67 min

Delta R.T. MSVOA_L

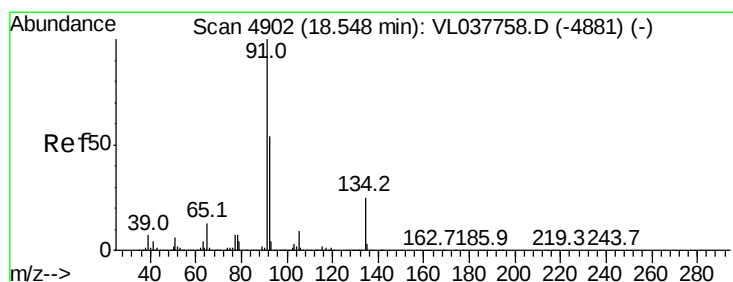
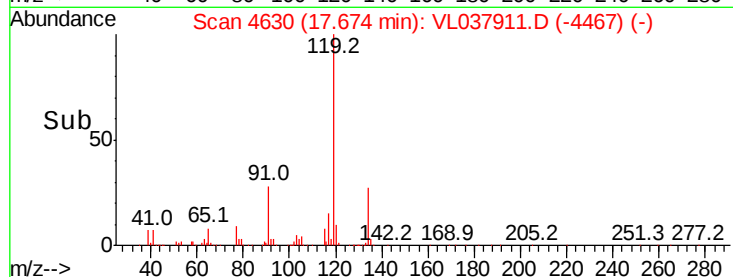
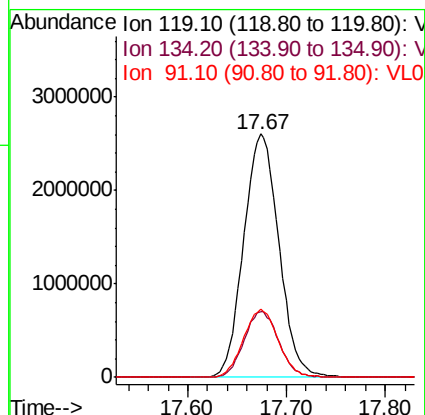
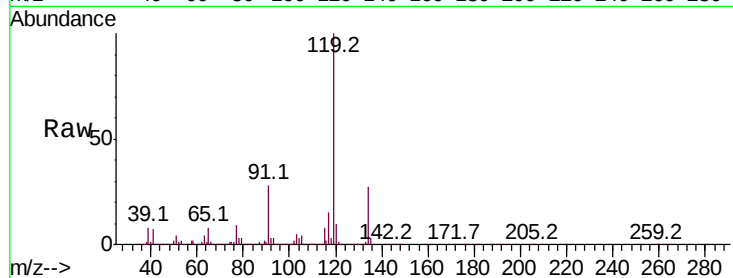
Lab File: ClientSampleId :

Acq: 27 Oct 2021 11:15

Tot Ion:1
Ion Rati
119 100
134 26.
91 27.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#70

n-Butylbenzene

Concen: 11.640 ppbv

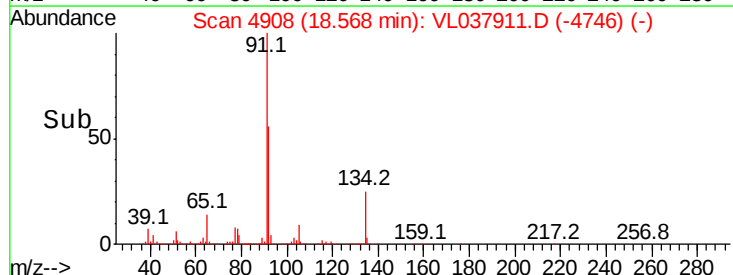
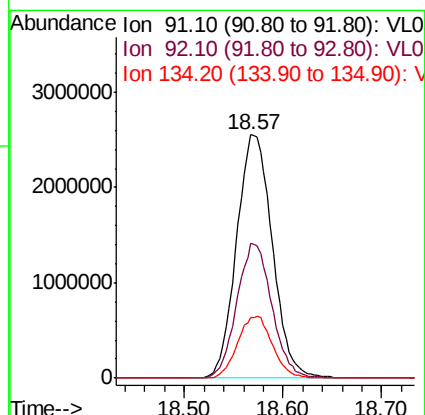
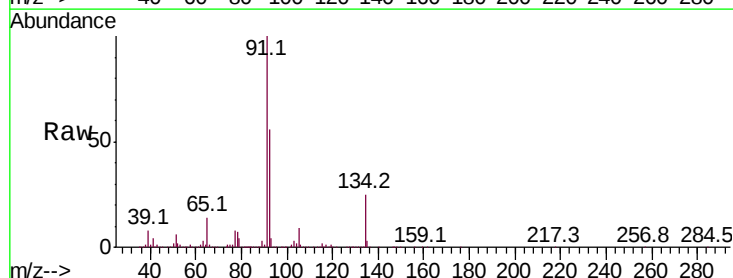
RT: 18.57 min Scan# 4908

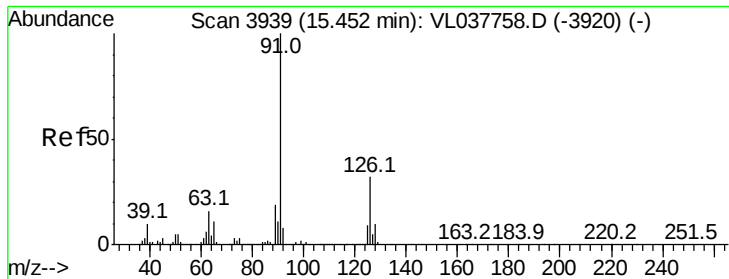
Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion: 91 Resp: 6425014
Ion Ratio Lower Upper
91 100
92 54.5 43.4 65.0
134 24.8 19.8 29.6



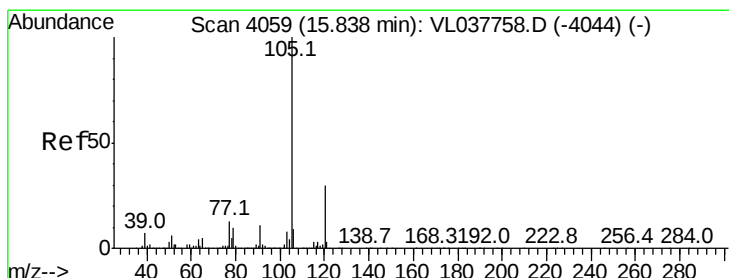
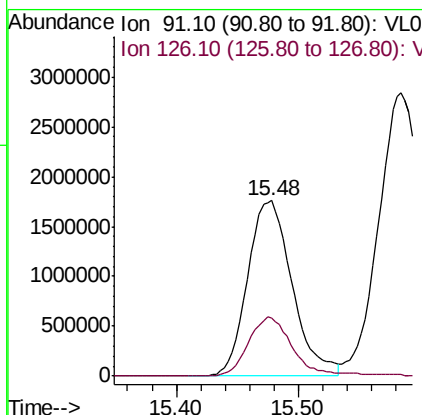
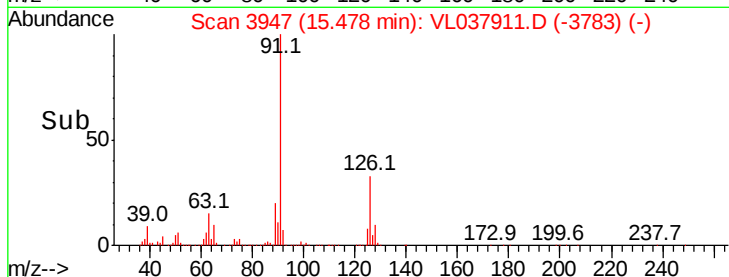
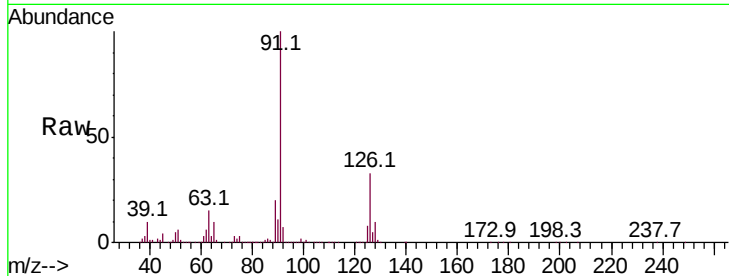


#71
 2-Chlorotoluene
 Concen: 10.536 ppbv
 RT: 15.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:
 Ion Ratio
 91 100
 126 34.

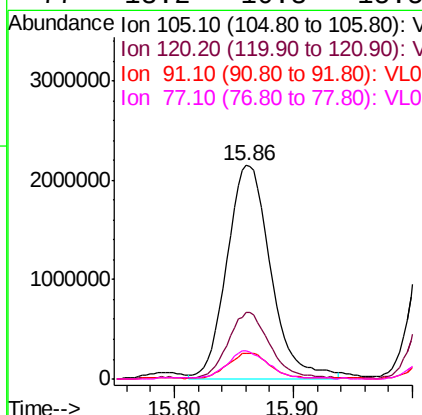
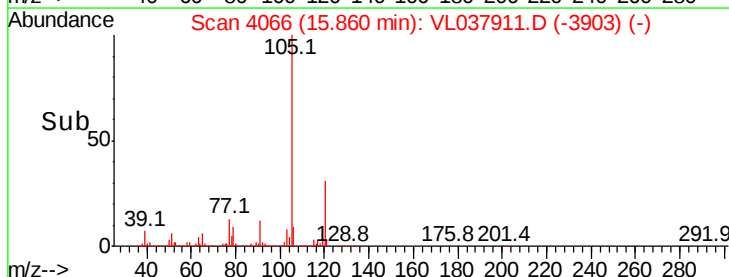
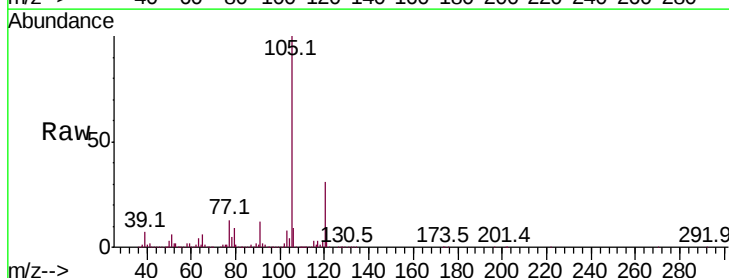
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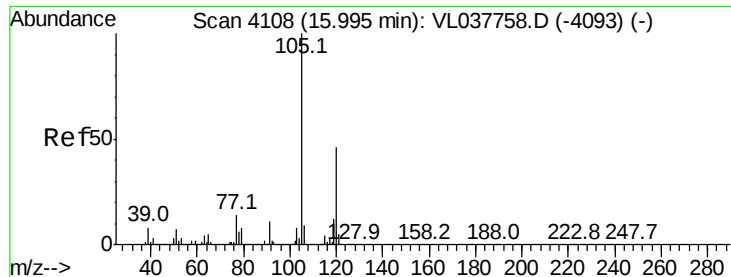
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#72
 4-Ethyltoluene
 Concen: 11.288 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:105 Resp: 5487307
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.2 36.2
 91 11.9 10.4 15.6
 77 13.2 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 11.117 ppbv

RT: 16.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

Tot Ion:1

Ion Ratio

105 100

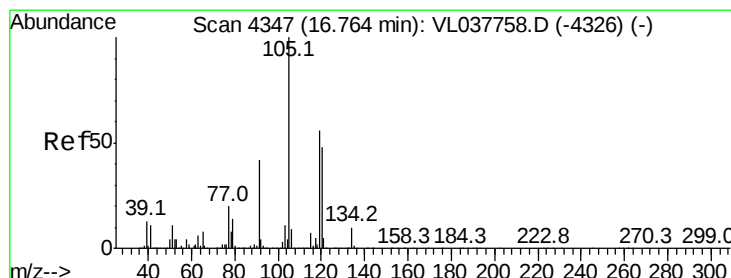
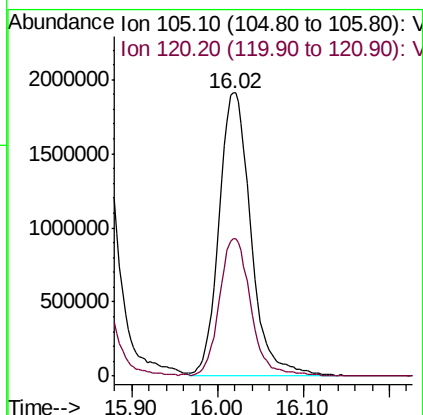
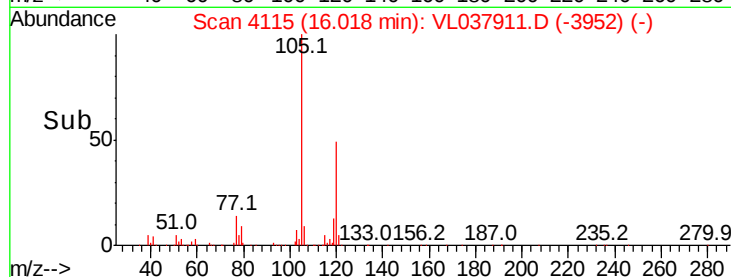
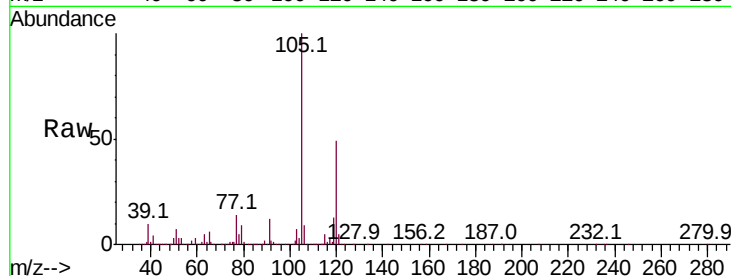
120 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.888 ppbv

RT: 16.79 min Scan# 4354

Delta R.T. 0.02 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

Tgt Ion:105 Resp: 5048422

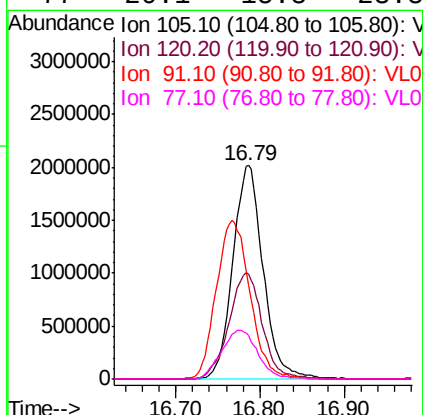
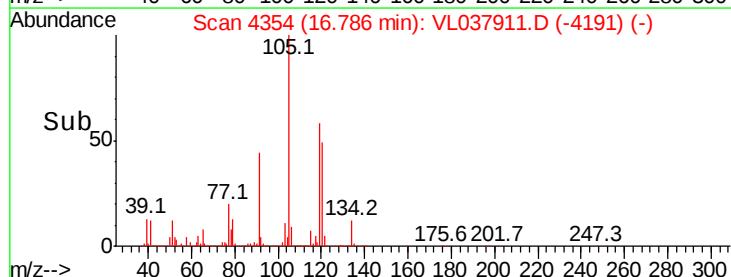
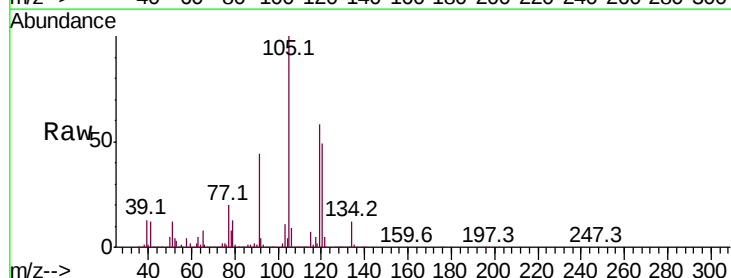
Ion Ratio Lower Upper

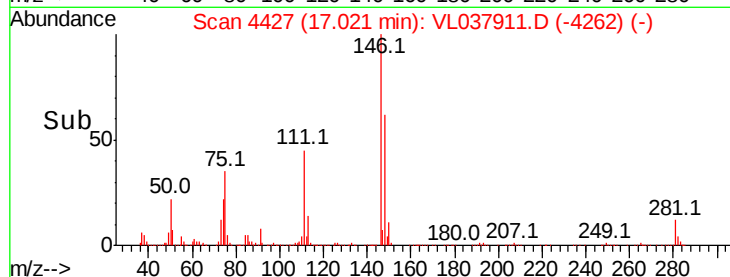
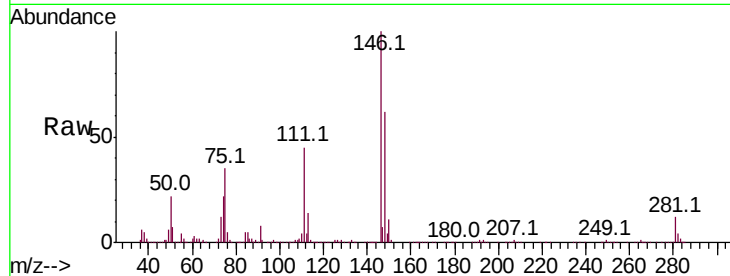
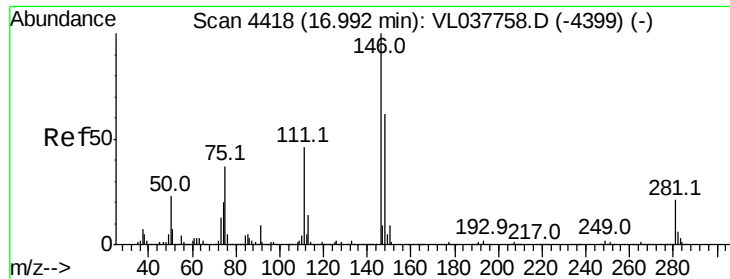
105 100

120 49.0 38.4 57.6

91 43.7 34.2 51.2

77 20.1 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 10.939 ppbv

RT: 17.02

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 27 Oct 2021 11:15

Tot Ion:1

Ion Ratio

146 100

111 45.

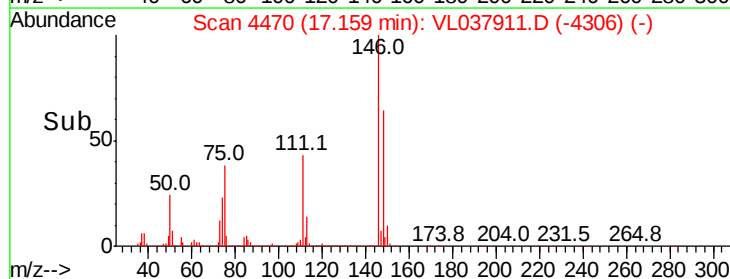
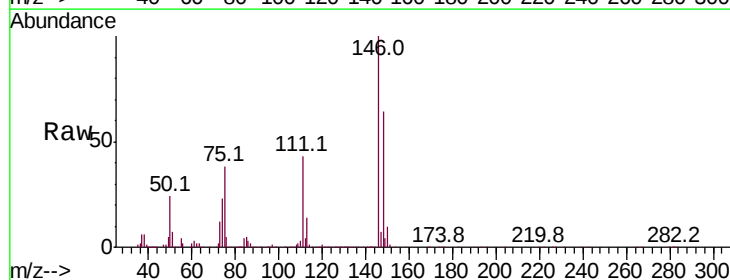
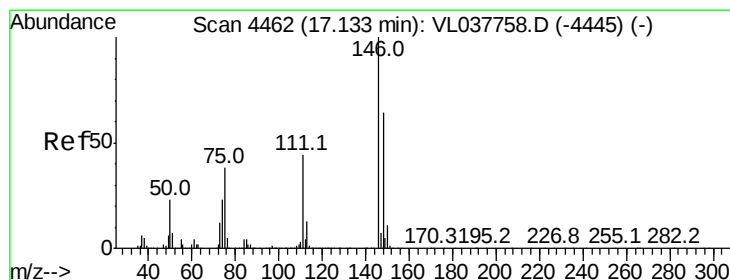
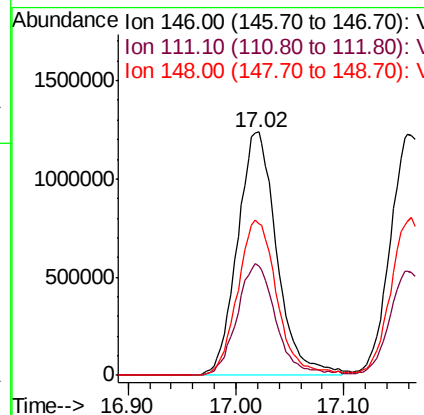
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#76

1,4-Dichlorobenzene

Concen: 11.191 ppbv

RT: 17.16 min Scan# 4470

Delta R.T. 0.03 min

Lab File: VL037911.D

Acq: 27 Oct 2021 11:15

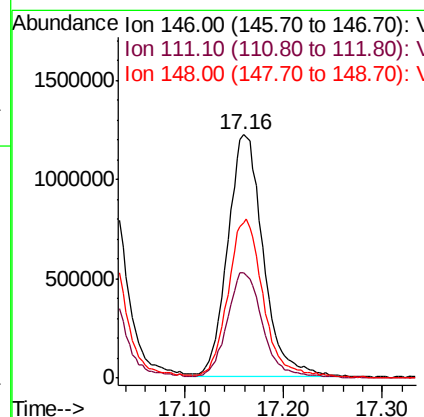
Tgt Ion:146 Resp: 3066802

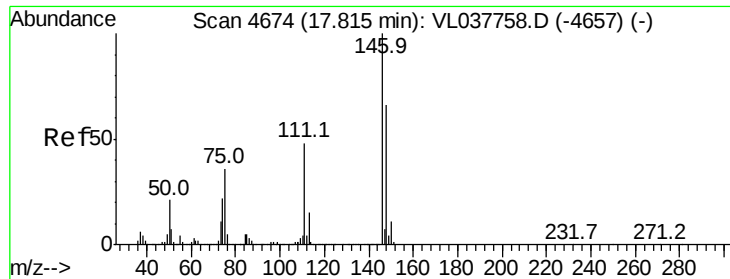
Ion Ratio Lower Upper

146 100

111 44.0 22.4 67.3

148 65.8 33.3 99.9



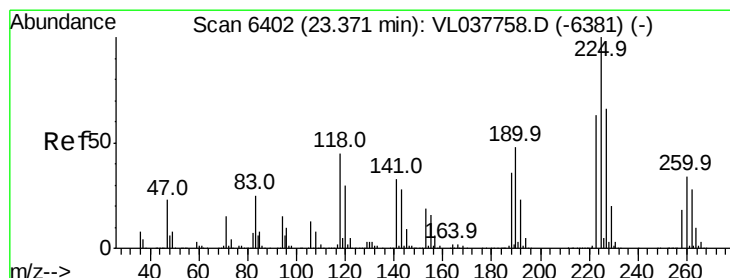
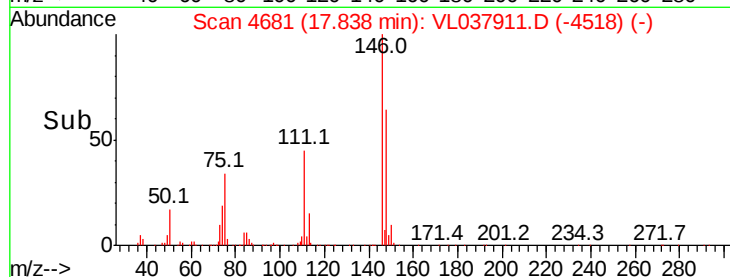
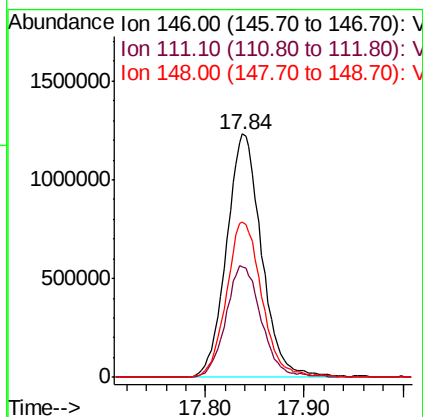
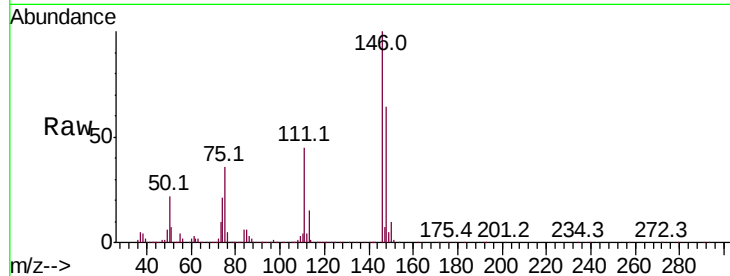


#77
 1,2-Dichlorobenzene
 Concen: 10.929 ppbv
 RT: 17.84 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 65.

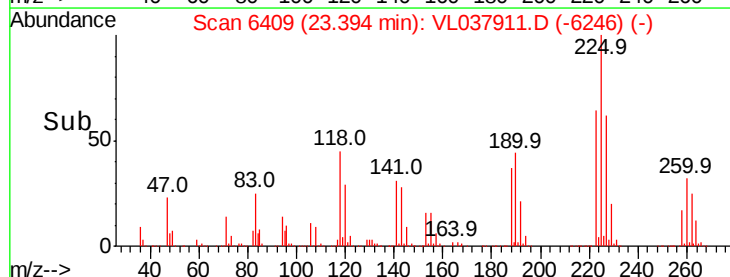
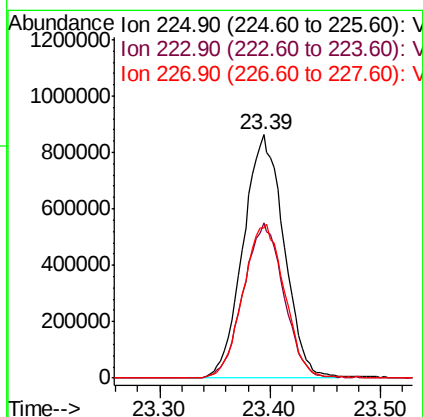
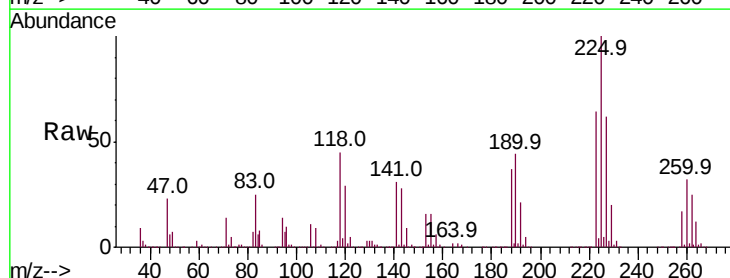
Manual Integrations
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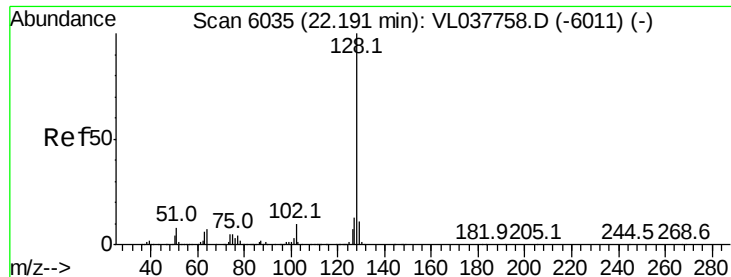
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.812 ppbv
 RT: 23.39 min Scan# 6409
 Delta R.T.: 0.02 min
 Lab File: VL037911.D
 Acq: 27 Oct 2021 11:15

Tgt Ion:225 Resp: 2210935
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.2 76.8
 227 64.7 51.1 76.7



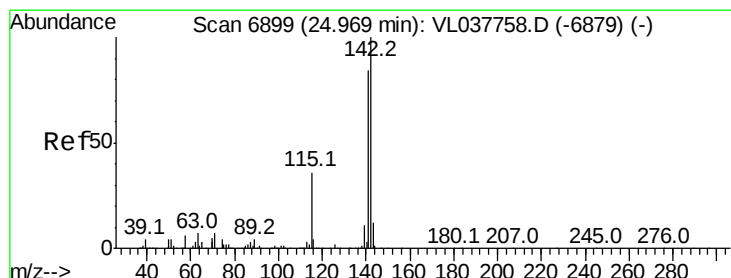
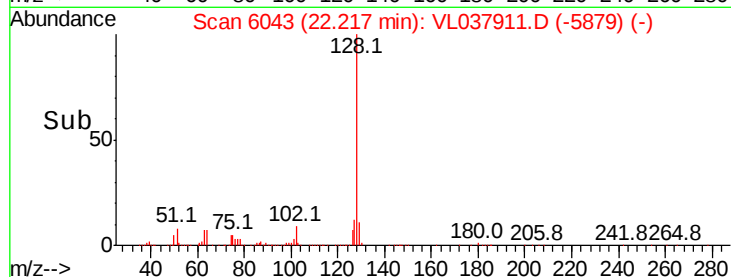
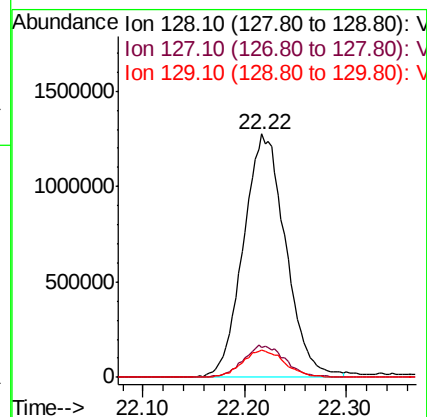
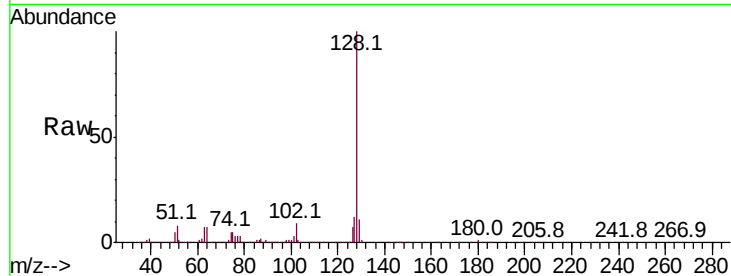


#79
Naphthalene
Concen: 12.992 ppbv m
RT: 22.22
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 27 Oct 2021 11:15

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

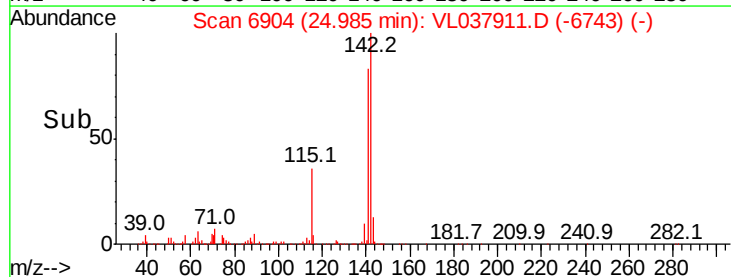
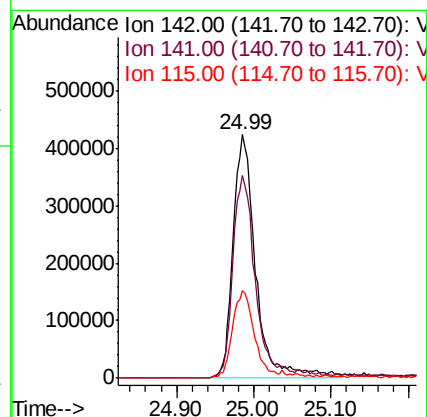
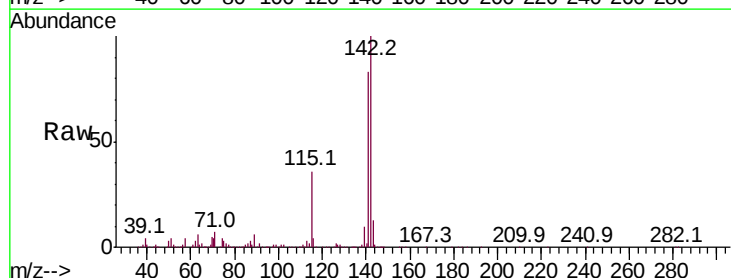
Manual Integrations
APPROVED

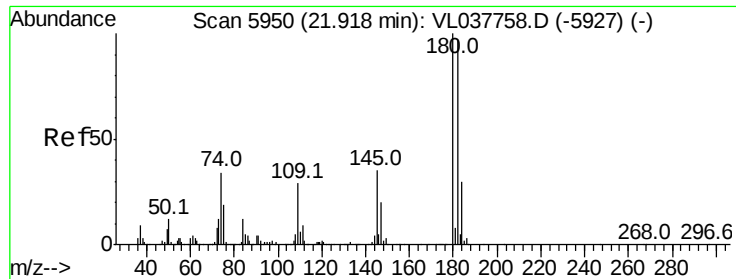
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#80
Naphthalene, 2-methyl-
Concen: 11.230 ppbv
RT: 24.99 min Scan# 6904
Delta R.T. 0.02 min
Lab File: VL037911.D
Acq: 27 Oct 2021 11:15

Tgt Ion:142 Resp: 856315
Ion Ratio Lower Upper
142 100
141 85.2 68.6 102.8
115 36.4 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.117 ppbv
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1027ABS01
 Acq: 27 Oct 2021 11:15

Tot Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

