

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\
 Data File : VL037893.D
 Acq On : 25 Oct 2021 14:10
 Operator : SY/AP
 Sample : VL1025ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1025ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/27/2021
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 26 00:06:12 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	5.68	49	1494131	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4380577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3799482m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2815193	10.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1942380	8.139 ppbv	96
3) Chlorodifluoromethane	3.00	51	2517820	8.770 ppbv	99
4) Chloromethane	3.15	50	993935	9.452 ppbv	94
5) Vinyl Chloride	3.27	62	963546	9.996 ppbv	98
6) Bromomethane	3.48	94	467469	8.966 ppbv	98
7) Chloroethane	3.57	64	326866	9.223 ppbv	96
8) Dichlorotetrafluoroethane	3.20	85	2207913	9.360 ppbv	99
9) Propene	3.02	41	901979	8.539 ppbv	98
10) Heptane	8.13	43	2398710	9.999 ppbv	99
11) Trichlorofluoromethane	3.96	101	1969708	9.251 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	1463945	9.074 ppbv	99
13) Ethanol	3.62	45	93726m	10.850 ppbv	
14) Bromoethene	3.75	108	677420	9.550 ppbv	96
15) Acetone	3.86	43	1430837	10.668 ppbv	99
16) 1,3-Butadiene	3.34	39	928586	9.515 ppbv	99
17) tert-Butyl alcohol	4.29	59	1263420	9.146 ppbv	99
18) 1,1-Dichloroethene	4.30	96	692068	9.439 ppbv	99
19) Isopropyl Alcohol	3.98	45	746256	8.943 ppbv #	92
20) Methylene Chloride	4.35	84	587015	8.662 ppbv	99
21) Allyl Chloride	4.42	41	1097368	9.235 ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	690180	9.363 ppbv	96
23) Vinyl Acetate	5.08	43	2087437	10.385 ppbv	99
24) 1,1-Dichloroethane	5.02	63	1407184	9.617 ppbv	99
25) Ethyl Acetate	5.69	43	3619832	9.618 ppbv	100
26) Hexane	5.70	57	1693753	9.139 ppbv	98
27) Carbon Disulfide	4.56	76	1734474	10.560 ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1367887	8.865 ppbv	100
29) Chloroform	5.76	83	2450272	9.249 ppbv	97
30) Cyclohexane	7.14	84	1444369	9.190 ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	1563560	9.293 ppbv	97
32) 1,1,1-Trichloroethane	6.52	97	2339488	9.315 ppbv	99
34) 2-Butanone	5.25	43	1605094	9.076 ppbv	100
35) Carbon Tetrachloride	7.03	117	2425877	9.751 ppbv	98
36) Benzene	6.90	78	3559409	9.513 ppbv	99
37) 1,2-Dichloroethane	6.32	62	1674777	9.506 ppbv	99
38) Trichloroethene	7.84	130	1442579	9.759 ppbv	98
39) 1,2-Dichloropropane	7.62	63	1362121	9.678 ppbv	95
40) 1,4-Dioxane	7.85	88	323885	9.197 ppbv #	100
41) Tetrahydrofuran	6.06	42	813178	9.390 ppbv	99
42) Bromodichloromethane	7.80	83	2568213	9.924 ppbv	98
43) Methyl Methacrylate	8.02	69	1282240	10.492 ppbv	98

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 Supervised By : Mahesh Dadoda 10/27/2021

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	6019885	9.576	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	858607	10.211	ppbv	96
46) cis-1,3-Dichloropropene	8.72	75	1187802	10.191	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	1460526	9.546	ppbv	98
48) Dibromochloromethane	10.31	129	2288172	10.491	ppbv	99
49) Bromoform	13.05	173	1988999	11.918	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2355820	10.233	ppbv	99
51) 2-Hexanone	10.15	43	1097146	10.675	ppbv #	99
52) Tetrachloroethene	11.23	164	1301081	8.938	ppbv	97
53) Toluene	9.82	91	4124015	9.946	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2019906	9.774	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.14	131	1589268	10.104	ppbv	95
57) Chlorobenzene	12.16	112	3077778	9.875	ppbv	99
58) Ethyl Benzene	12.72	91	5417931	10.619	ppbv	100
59) m/p-Xylene	13.00	91	9132585m	20.853	ppbv	
60) o-Xylene	13.70	91	4257032	10.143	ppbv	99
61) Styrene	13.54	104	2392886	11.787	ppbv	98
62) Isopropylbenzene	14.68	105	6051497	10.337	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3208214	9.906	ppbv	99
64) n-propylbenzene	15.57	120	1651507	11.313	ppbv	92
65) tert-Butylbenzene	16.75	119	5365088	10.414	ppbv	99
66) Benzyl Chloride	17.00	91	318032m	12.509	ppbv	
67) sec-Butylbenzene	17.30	105	7573181	10.749	ppbv	100
69) p-Isopropyltoluene	17.66	119	6354813	11.156	ppbv	100
70) n-Butylbenzene	18.56	91	6285523	11.616	ppbv	100
71) 2-Chlorotoluene	15.46	91	4549903	11.006	ppbv	98
72) 4-Ethyltoluene	15.85	105	5395277	11.321	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4842367	11.186	ppbv	96
74) 1,2,4-Trimethylbenzene	16.77	105	4989954	10.977	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	3084231	10.951	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2997968	11.159	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2971103	10.982	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	2163345	9.793	ppbv	99
79) Naphthalene	22.20	128	3567426	12.814	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	804943	10.768	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	2181532	12.252	ppbv	100

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

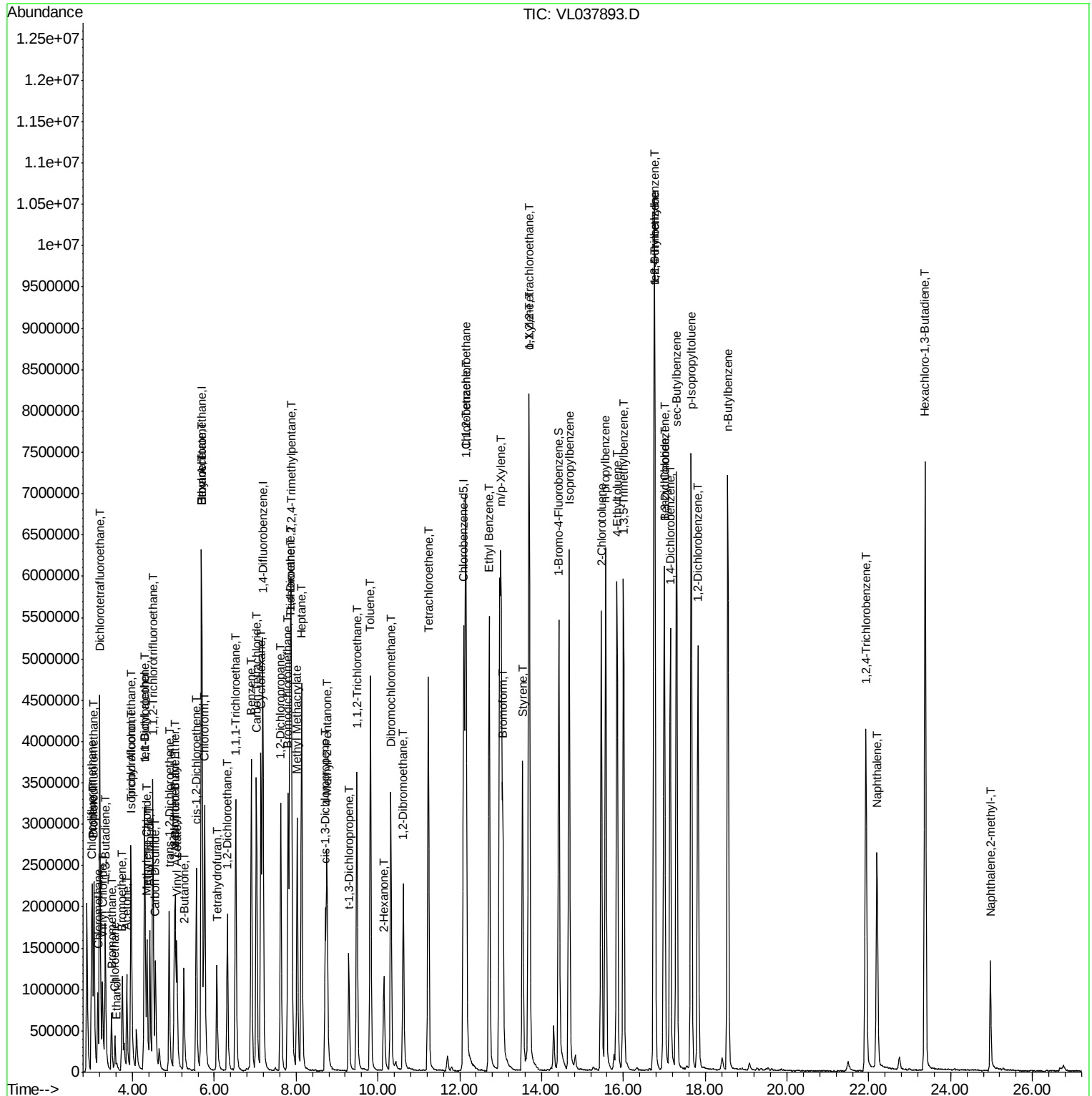
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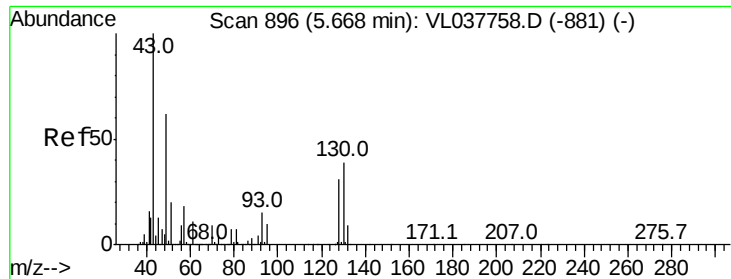
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABS01

Quant Time: Oct 26 00:06:12 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Oct 04 17:43:54 2021
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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/27/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1025ABS01

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

49 100

128 54.

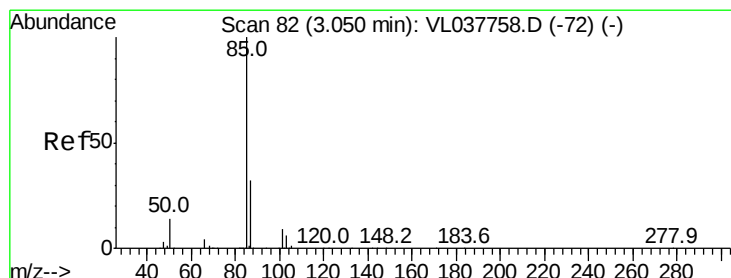
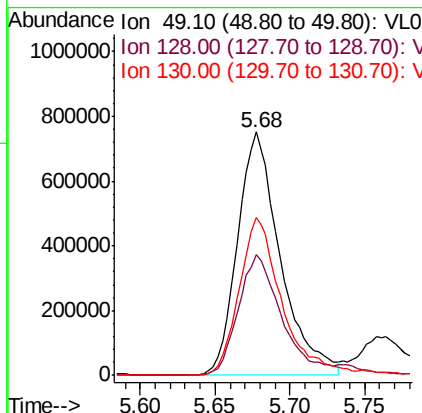
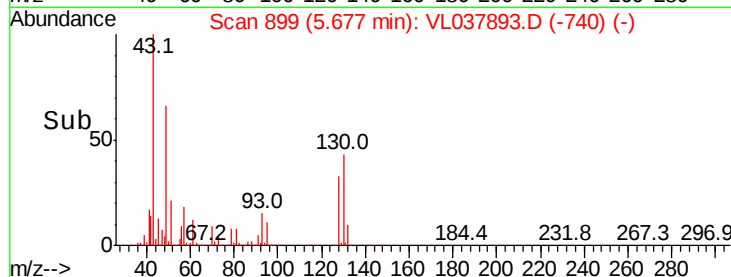
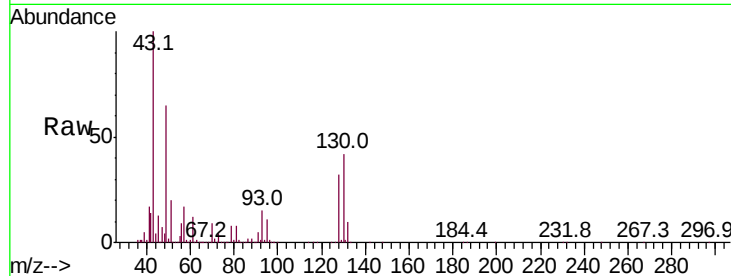
130 66.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 8.139 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL037893.D

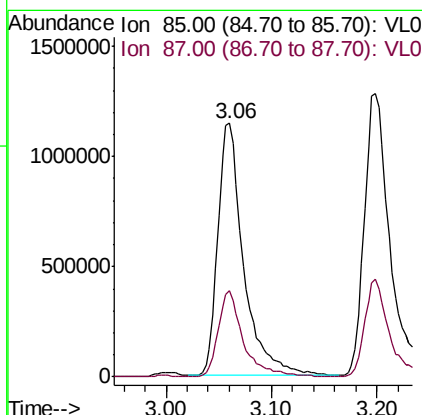
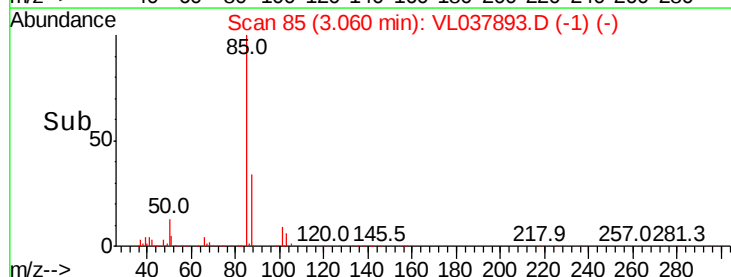
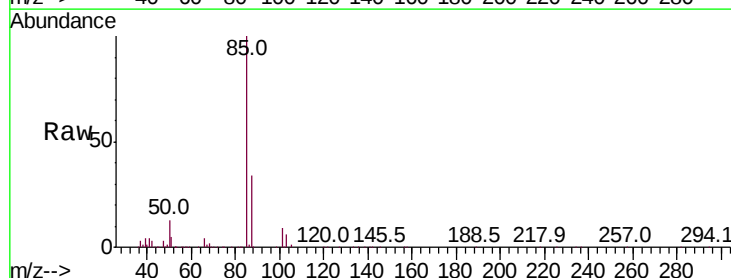
Acq: 25 Oct 2021 14:10

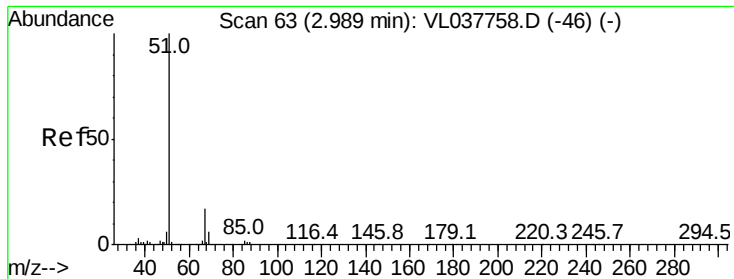
Tgt Ion: 85 Resp: 1942380

Ion Ratio Lower Upper

85 100

87 34.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 8.770 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10 VL1025ABS01

Tot Ion:

Ion Ratio

51 100

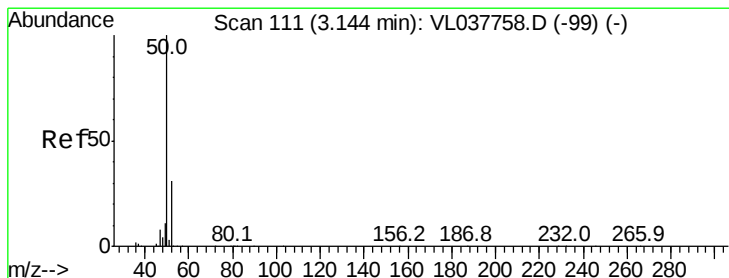
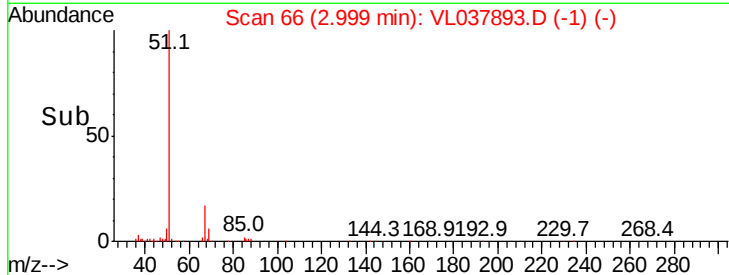
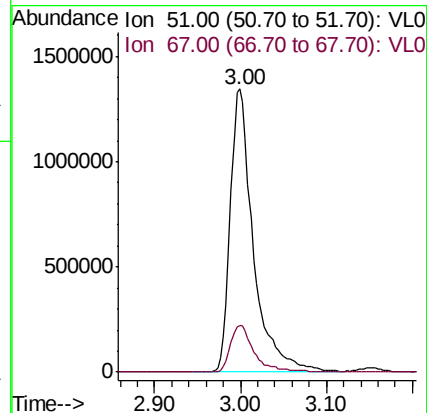
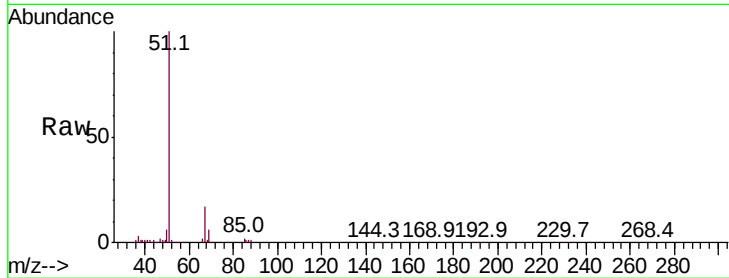
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#4

Chloromethane

Concen: 9.452 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037893.D

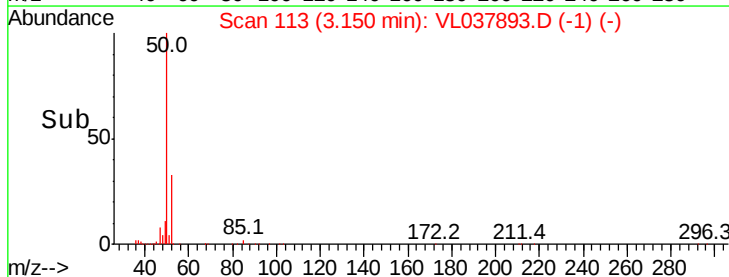
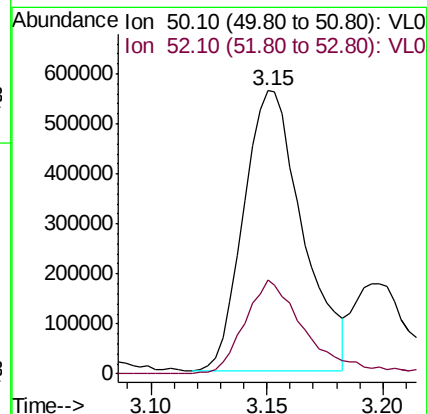
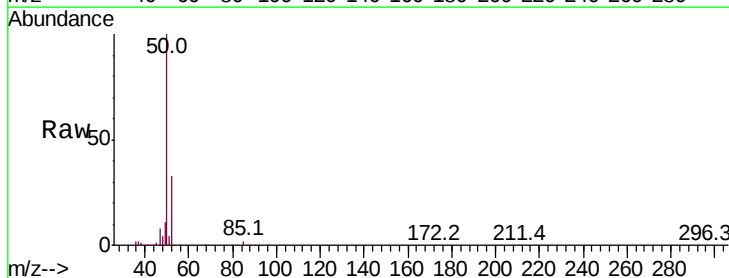
Acq: 25 Oct 2021 14:10

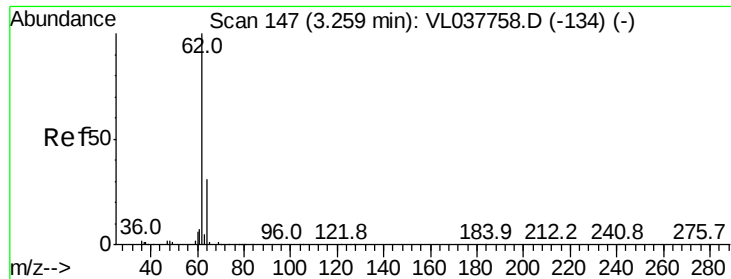
Tgt Ion: 50 Resp: 993935

Ion Ratio Lower Upper

50 100

52 33.6 24.4 36.6





#5

Vinyl Chloride

Concen: 9.996 ppbv

RT: 3.27

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

62 100

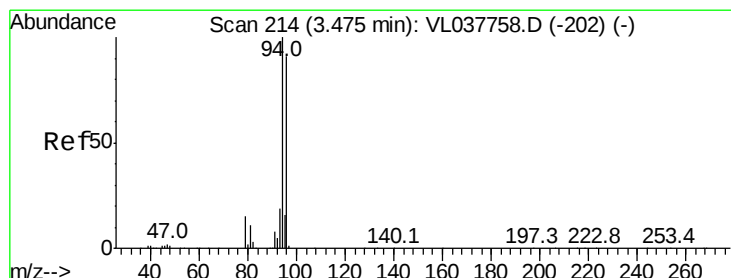
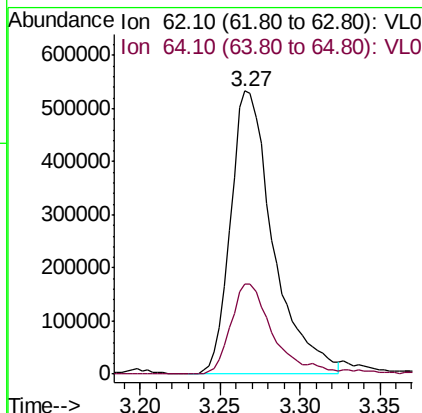
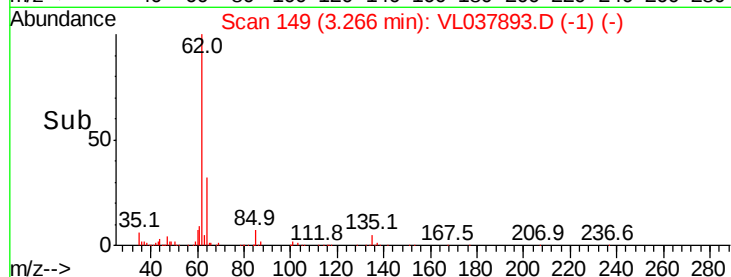
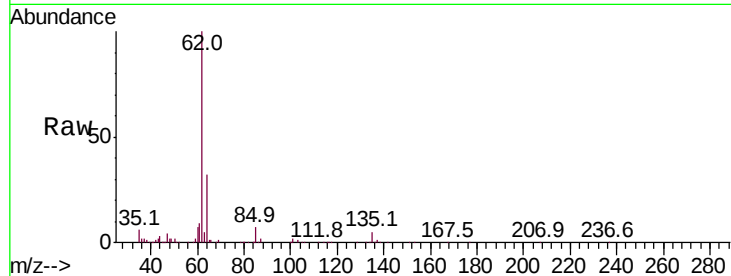
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 8.966 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL037893.D

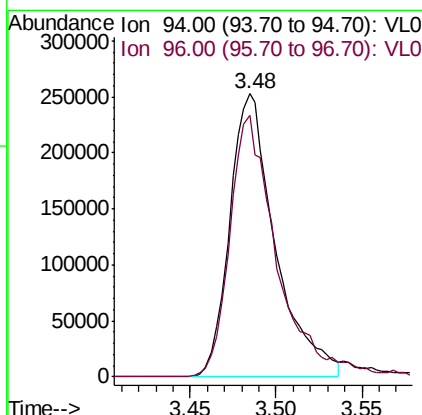
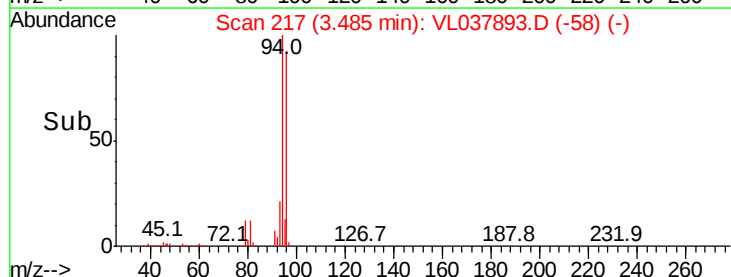
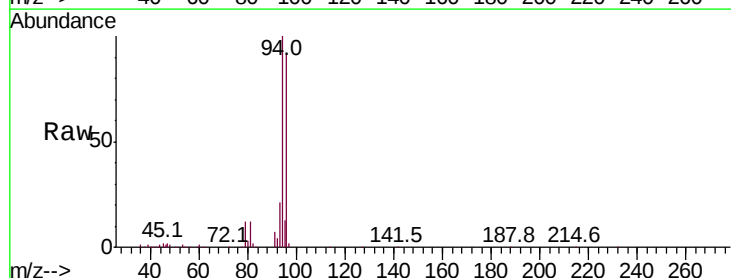
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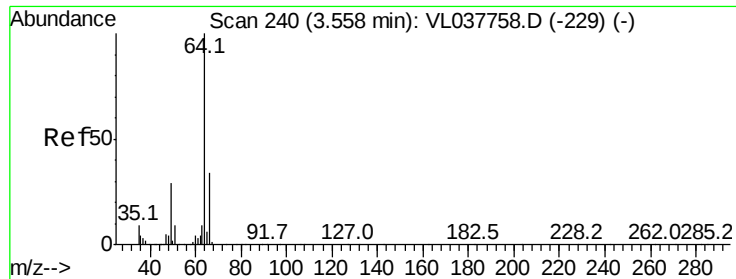
Tgt Ion: 94 Resp: 467469

Ion Ratio Lower Upper

94 100

96 92.2 72.5 108.7





#7

Chloroethane

Concen: 9.223 ppbv

RT: 3.57 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VL1025ABS01

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

64 100

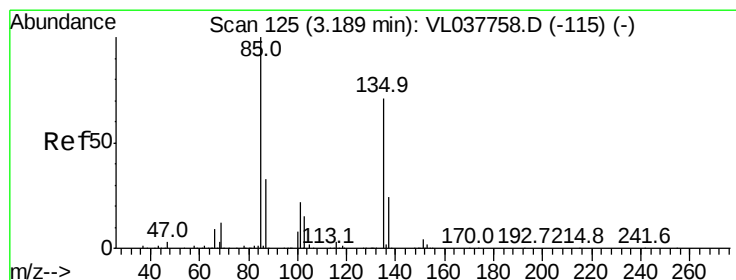
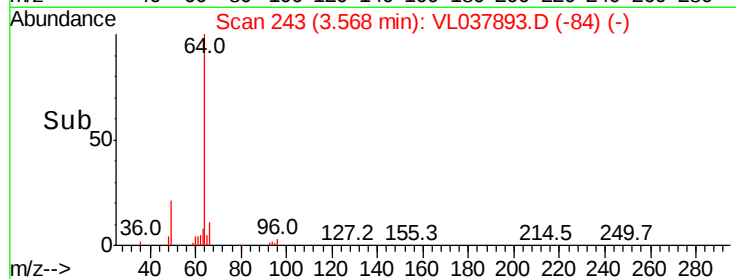
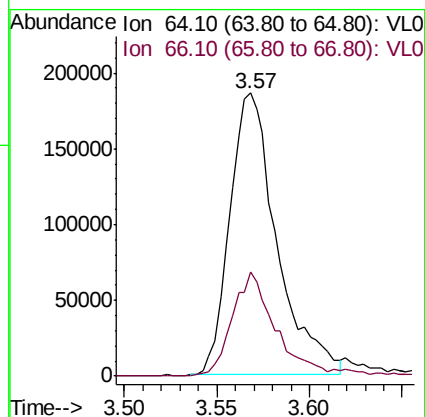
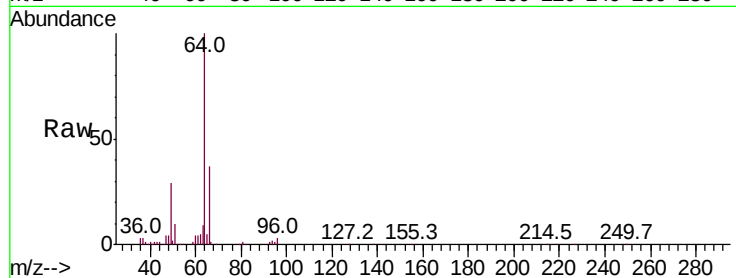
66 37.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 9.360 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL037893.D

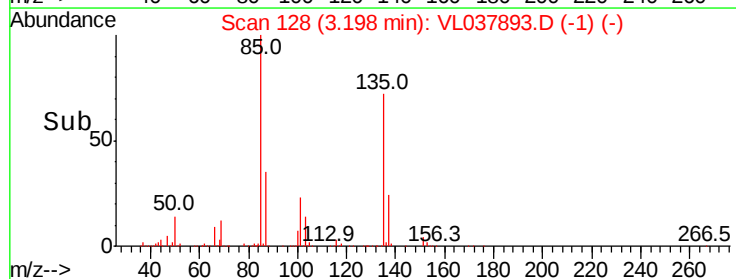
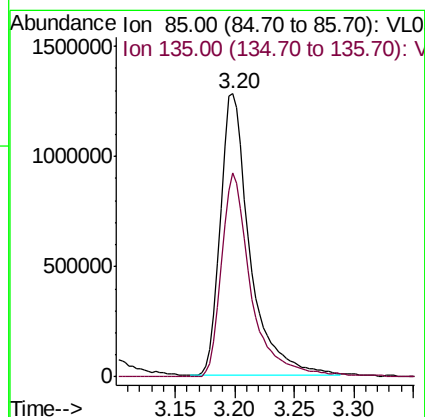
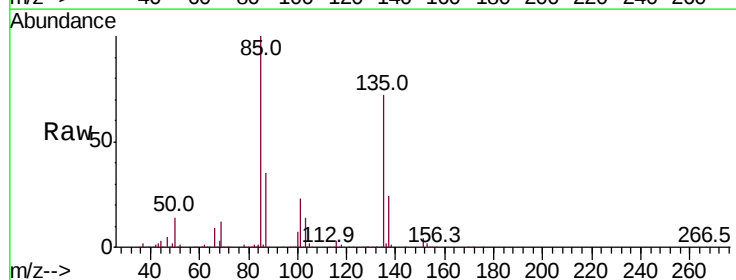
Acq: 25 Oct 2021 14:10

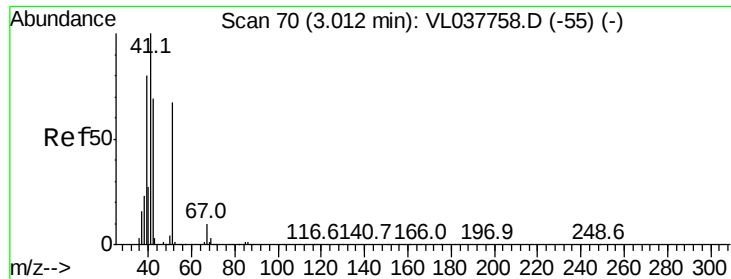
Tgt Ion: 85 Resp: 2207913

Ion Ratio Lower Upper

85 100

135 73.3 59.5 89.3



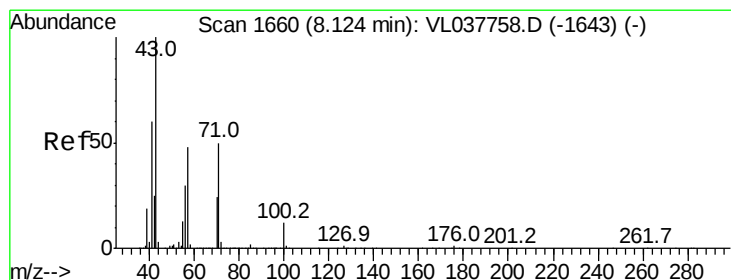
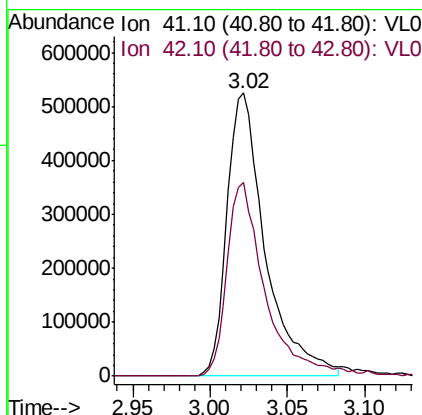
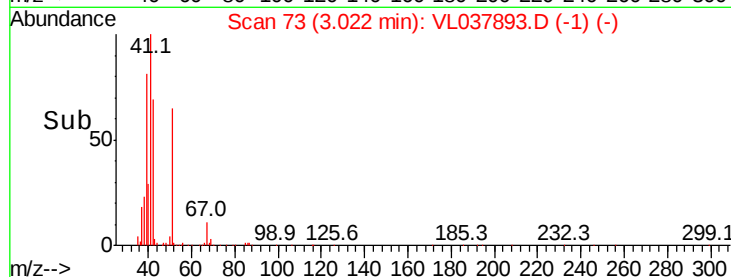
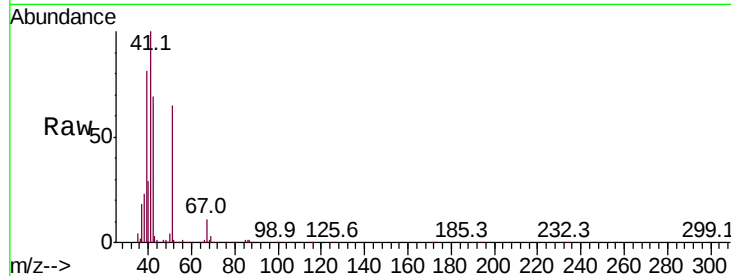


#9
 Propene
 Concen: 8.539 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

Tot Ion:
 Ion Ratio
 41 100
 42 69.

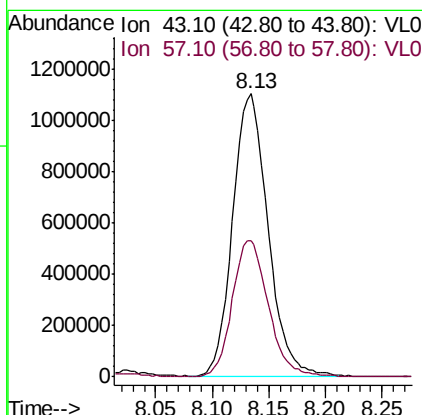
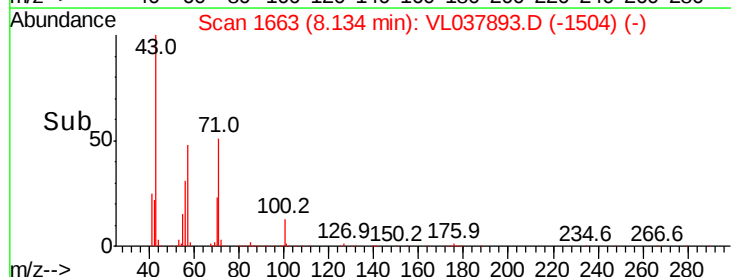
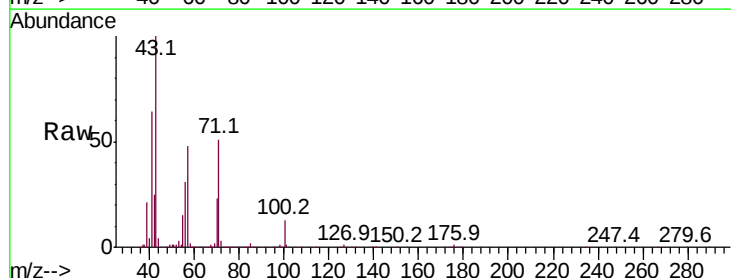
Manual Integrations
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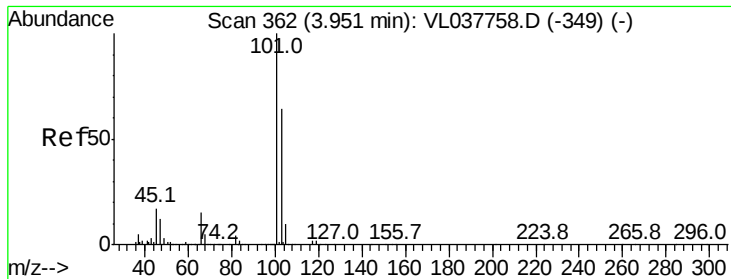
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#10
 Heptane
 Concen: 9.999 ppbv
 RT: 8.13 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 43 Resp: 2398710
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.0 60.0



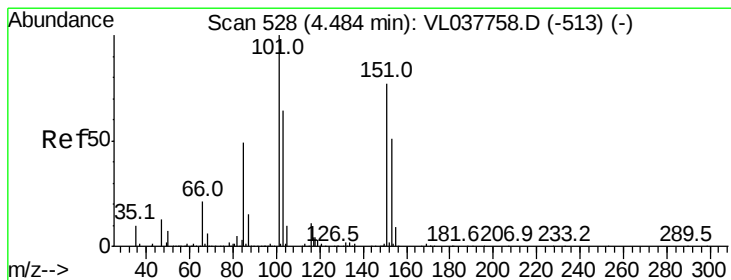
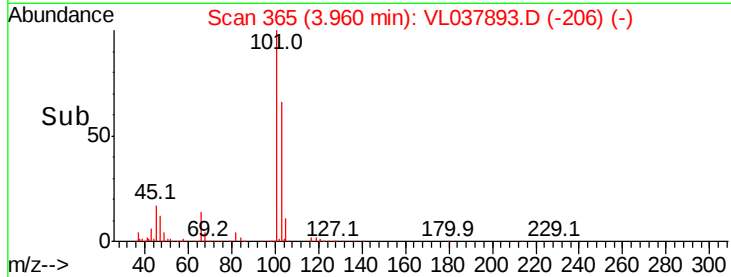
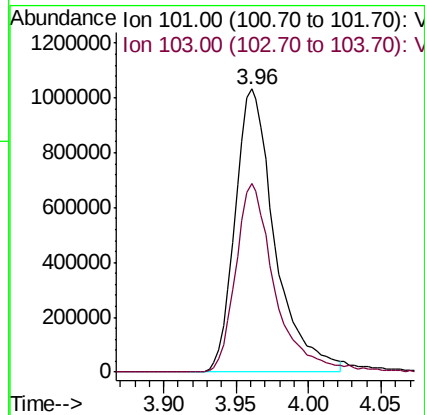
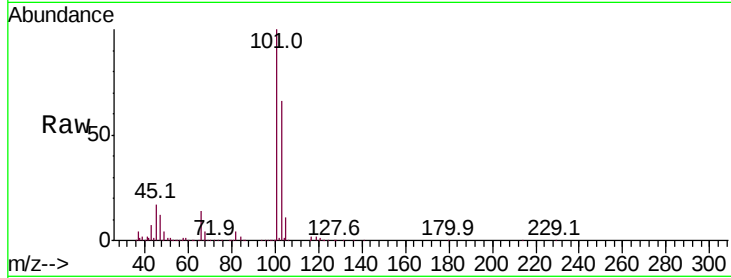


#11
 Trichlorofluoromethane
 Concen: 9.251 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tot Ion:1
 Ion Rati
 101 100
 103 66.

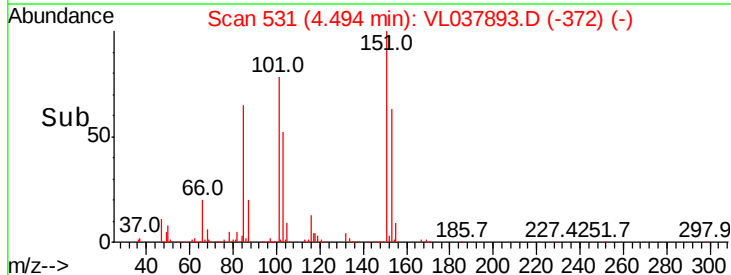
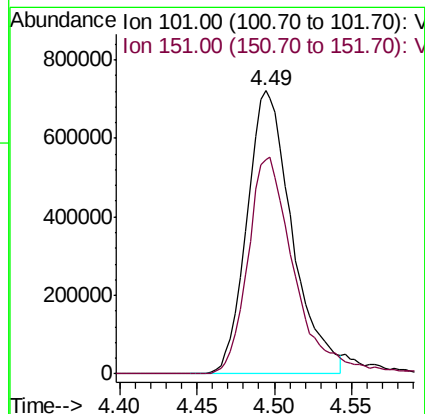
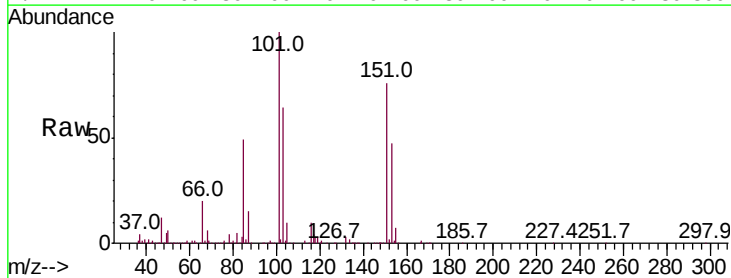
Manual Integrations
 APPROVED

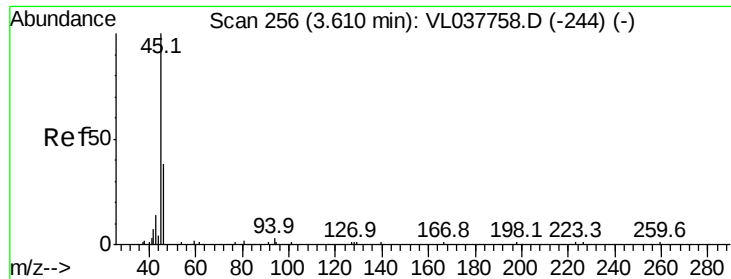
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.074 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:101 Resp: 1463945
 Ion Ratio Lower Upper
 101 100
 151 79.7 62.9 94.3



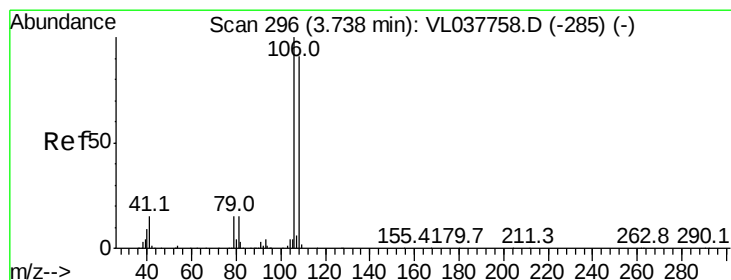
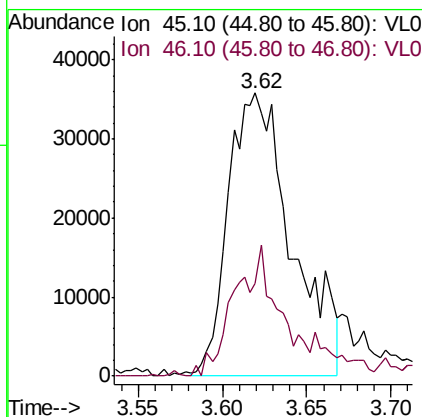
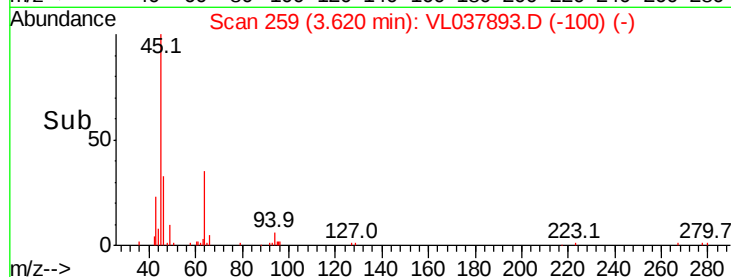
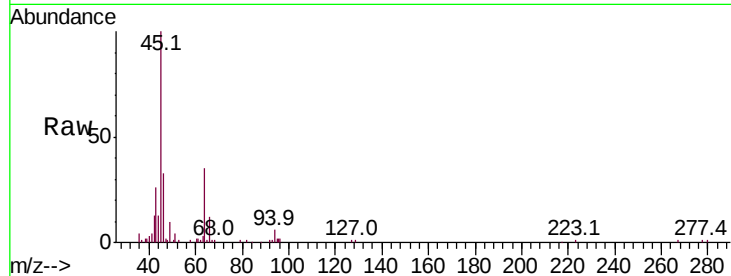


#13
 Ethanol
 Concen: 10.850 ppbv m
 RT: 3.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tot Ion:
 Ion Ratio
 45 100
 46 40.

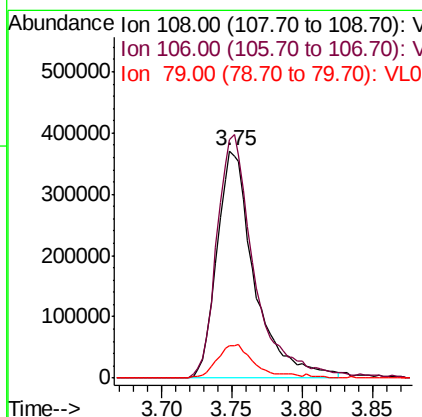
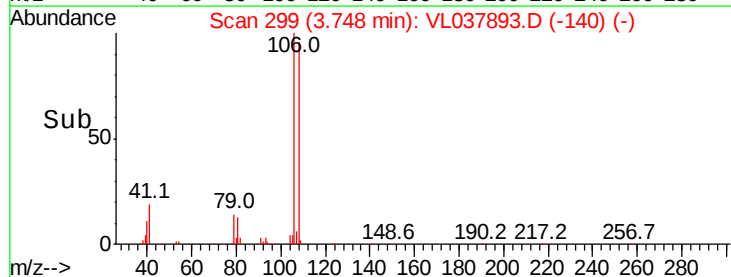
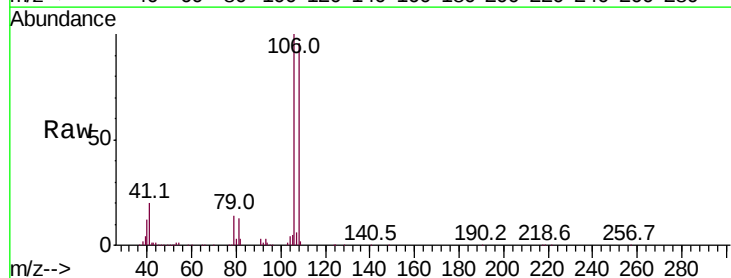
Manual Integrations
 APPROVED

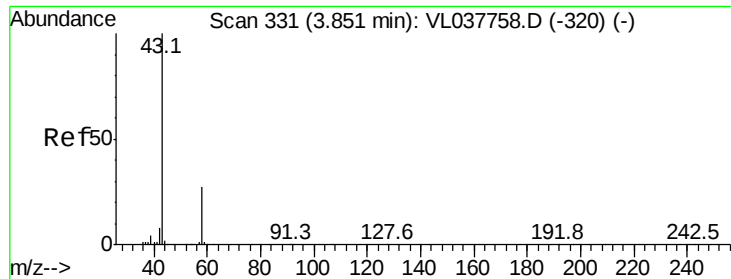
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#14
 Bromoethene
 Concen: 9.550 ppbv
 RT: 3.75 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:108 Resp: 677420
 Ion Ratio Lower Upper
 108 100
 106 110.2 91.9 137.9
 79 15.7 13.9 20.9



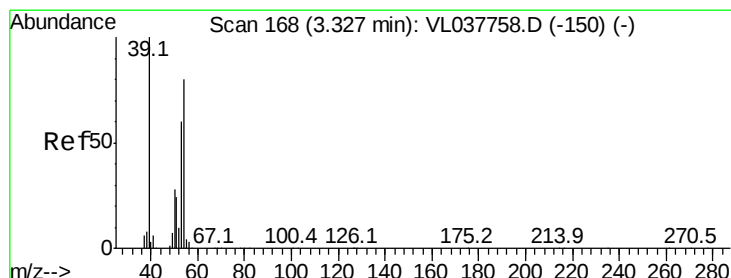
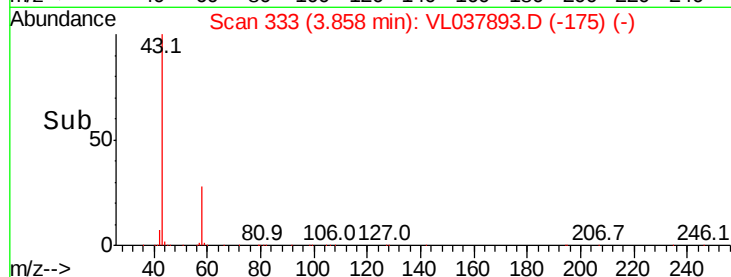
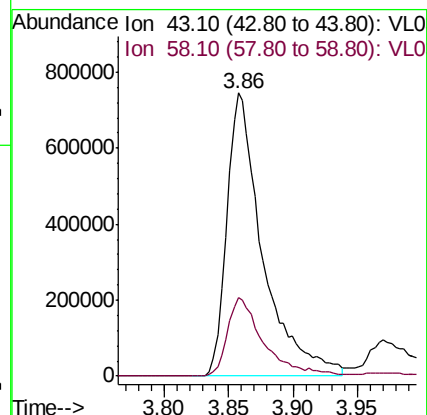
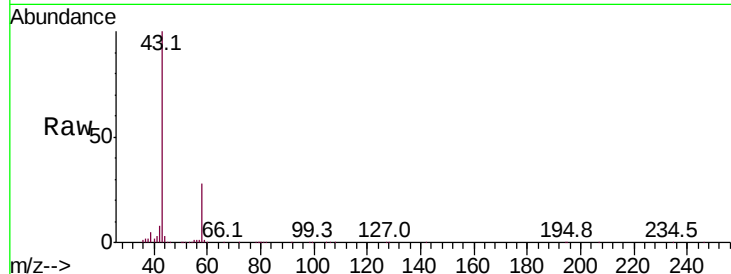


#15
Acetone
Concen: 10.668 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:
Ion Ratio
43 100
58 28.

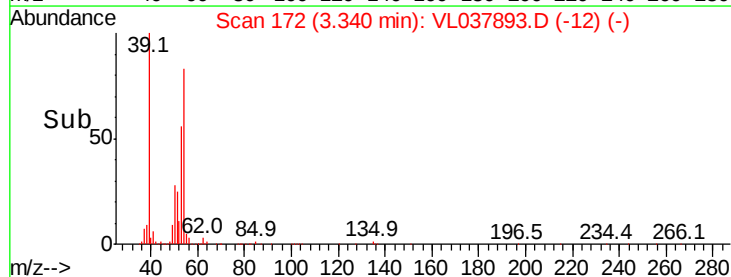
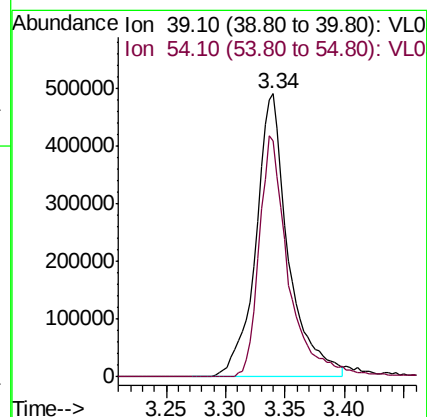
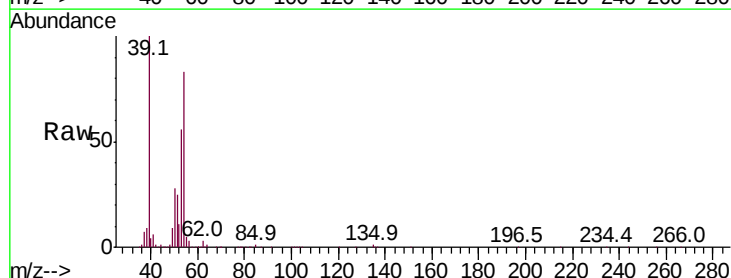
Manual Integrations
APPROVED

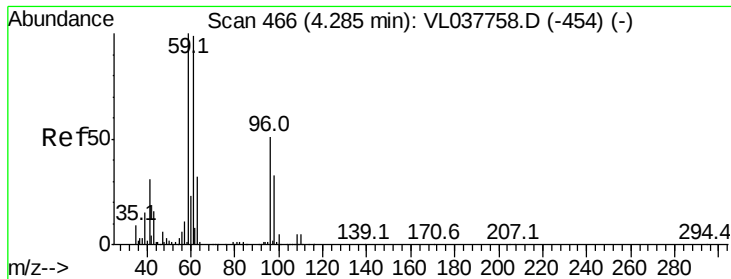
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
1,3-Butadiene
Concen: 9.515 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 39 Resp: 928586
Ion Ratio Lower Upper
39 100
54 77.8 61.7 92.5





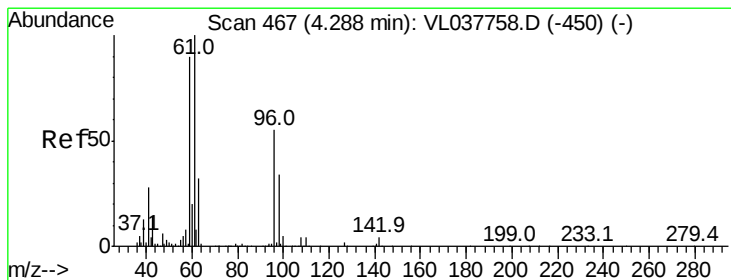
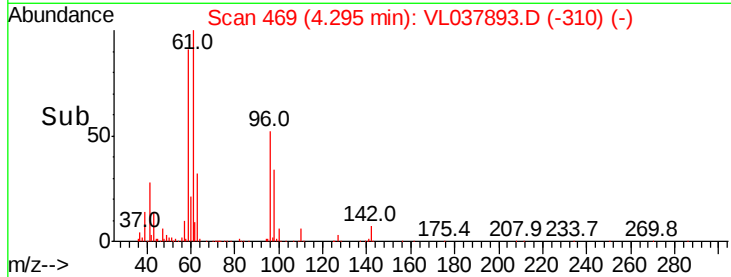
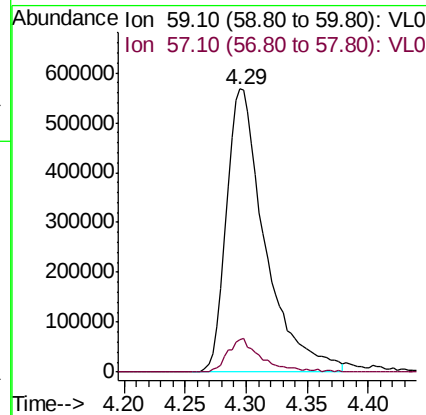
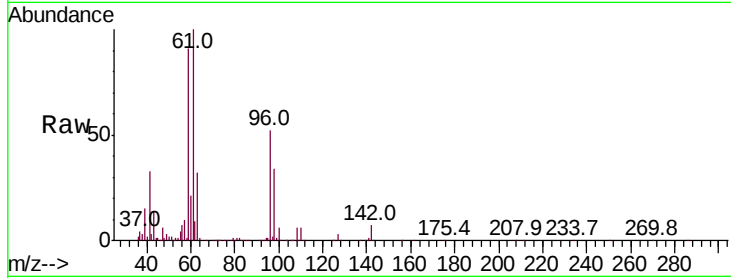
#17

tert-Butyl alcohol
Concen: 9.146 ppbv
RT: 4.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
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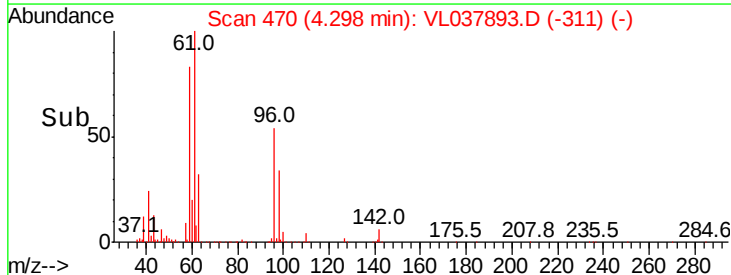
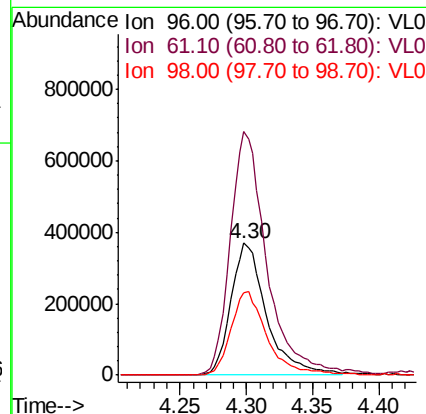
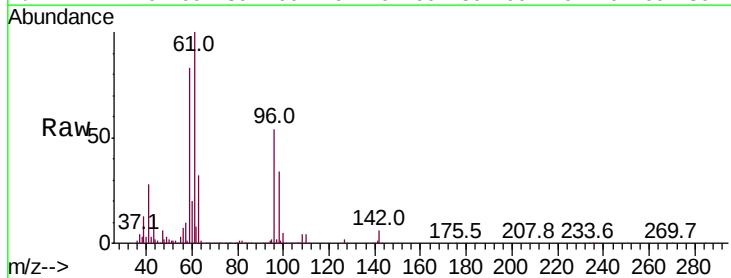
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

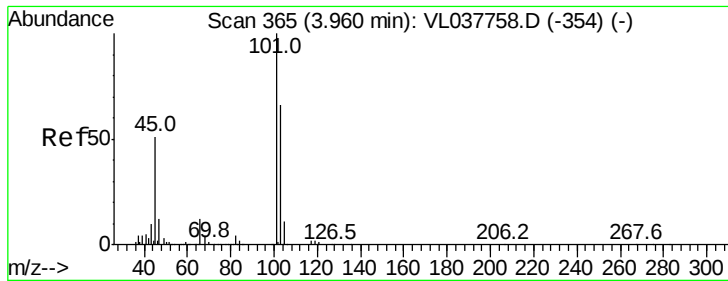


#18

1,1-Dichloroethene
Concen: 9.439 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 96 Resp: 692068
Ion Ratio Lower Upper
96 100
61 184.5 146.2 219.4
98 62.2 50.0 75.0





#19

Isopropyl Alcohol

Concen: 8.943 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

45 100

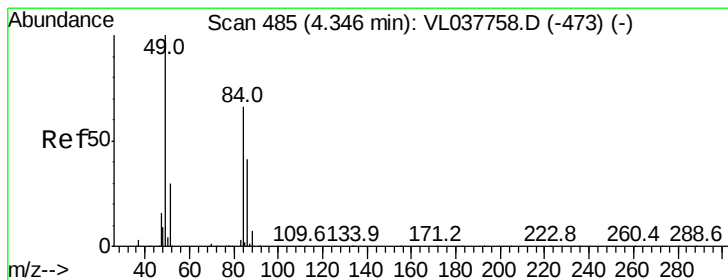
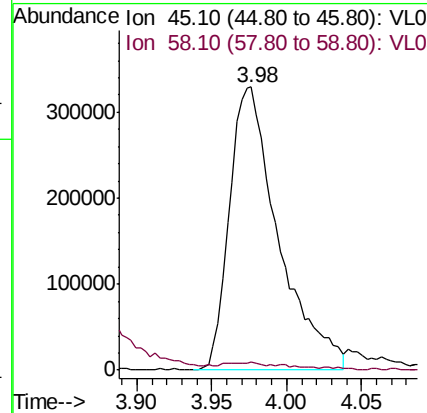
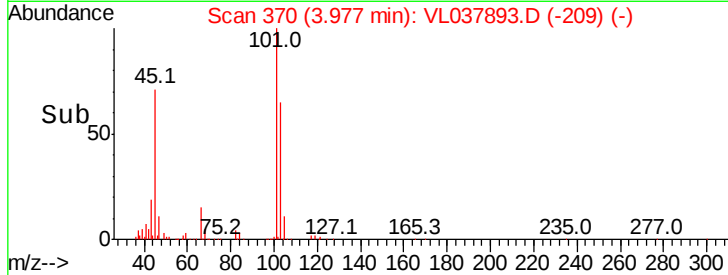
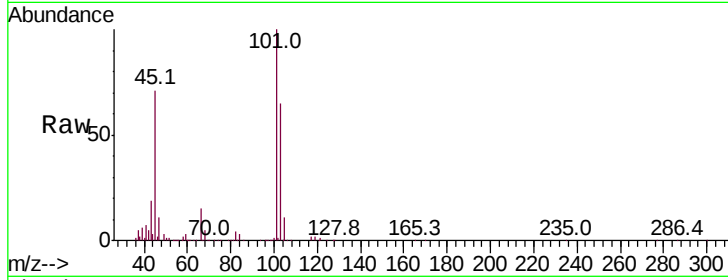
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#20

Methylene Chloride

Concen: 8.662 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 84 Resp: 587015

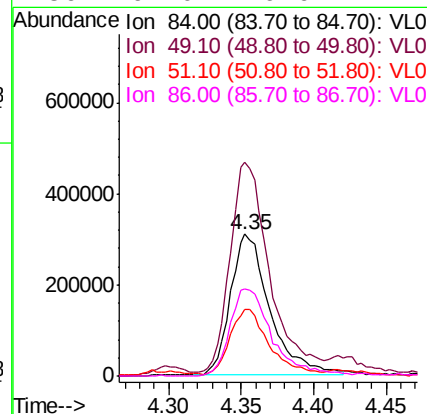
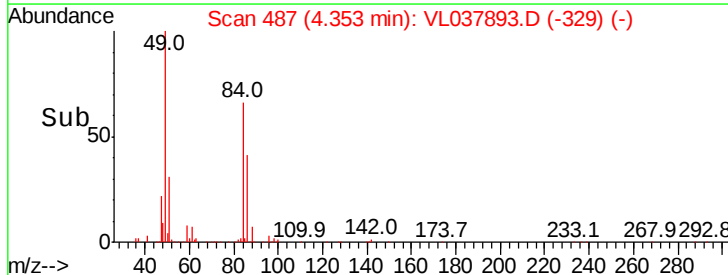
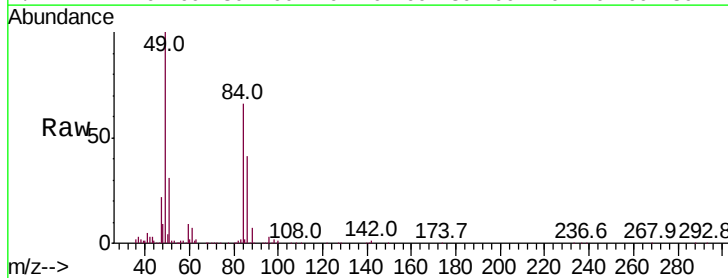
Ion Ratio Lower Upper

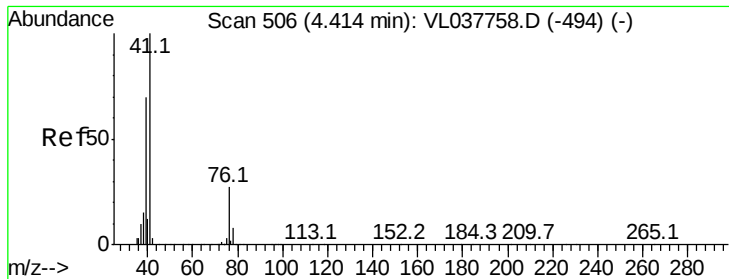
84 100

49 148.8 120.7 181.1

51 45.6 36.2 54.4

86 62.0 49.6 74.4





#21

Allvl Chloride

Concen: 9.235 ppbv

RT: 4.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

41 100

76 28.

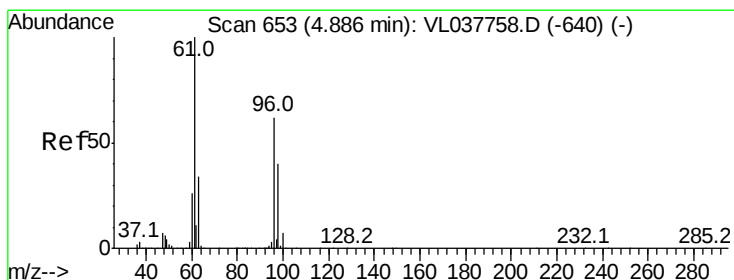
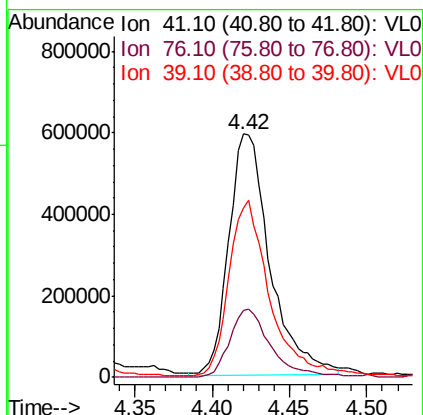
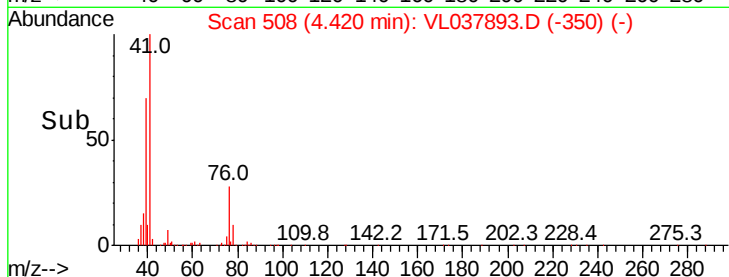
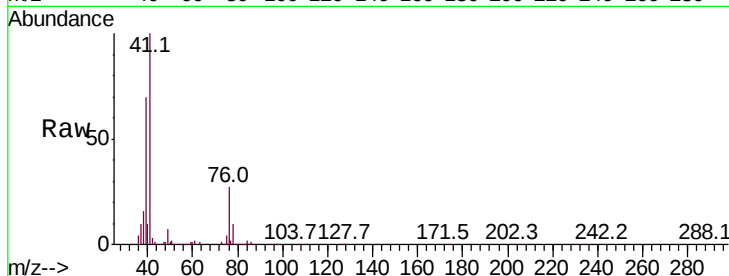
39 72.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#22

trans-1,2-Dichloroethene

Concen: 9.363 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

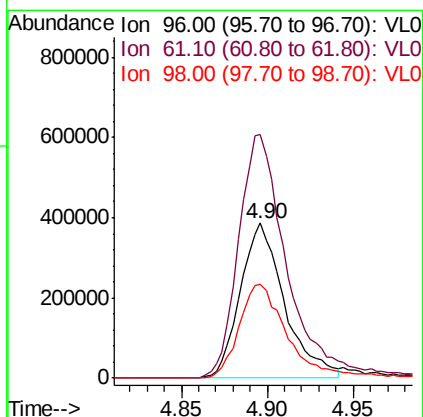
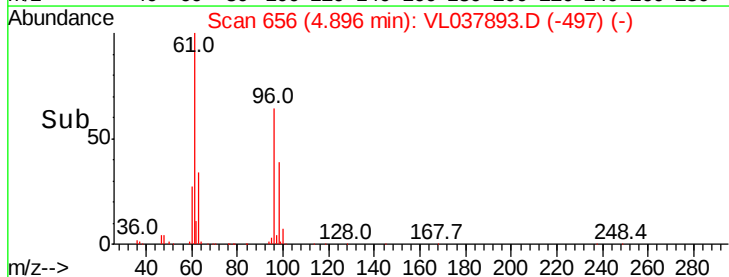
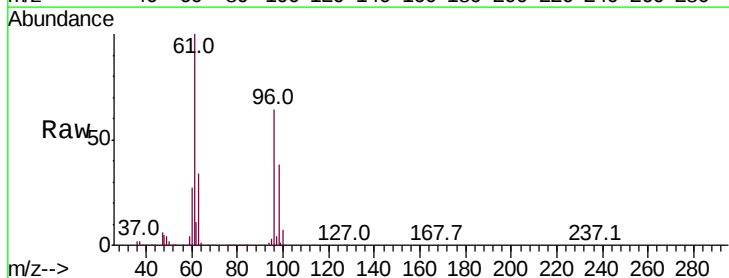
Tgt Ion: 96 Resp: 690180

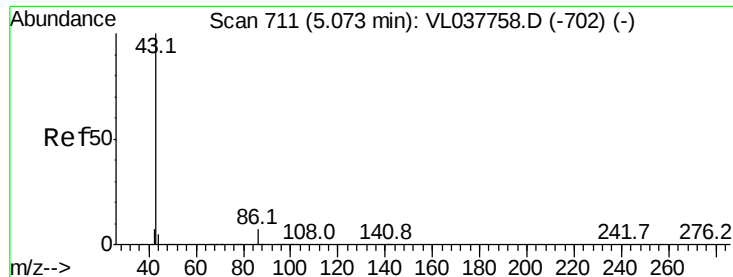
Ion Ratio Lower Upper

96 100

61 156.9 129.0 193.6

98 60.2 51.7 77.5





#23

Vinyl Acetate

Concen: 10.385 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

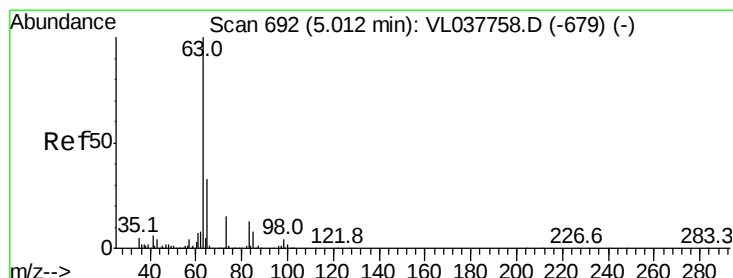
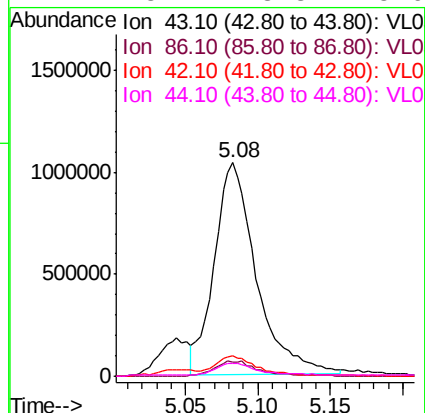
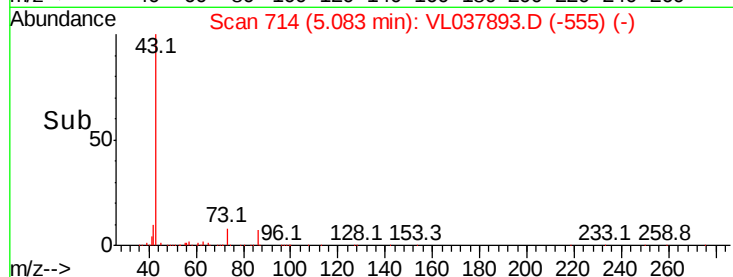
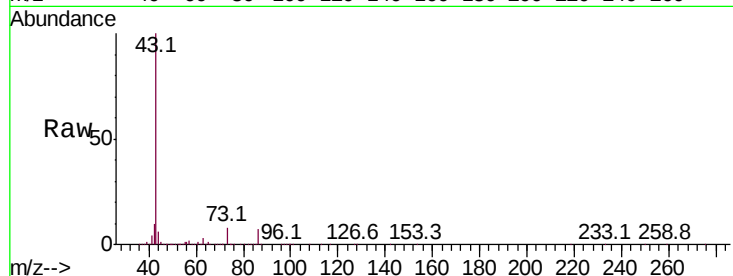
44 5.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#24

1,1-Dichloroethane

Concen: 9.617 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 63 Resp: 1407184

Ion Ratio Lower Upper

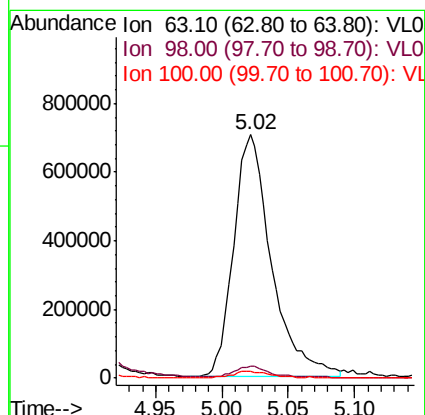
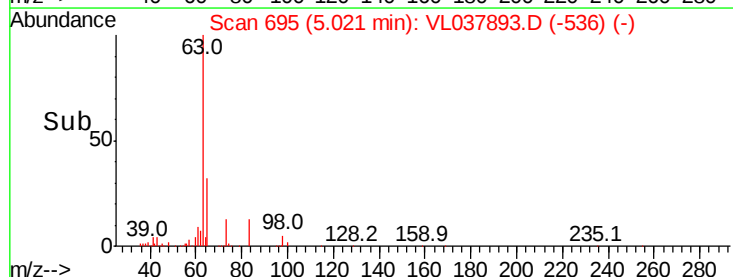
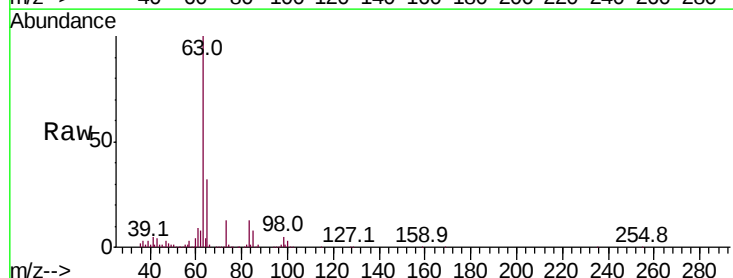
63 100

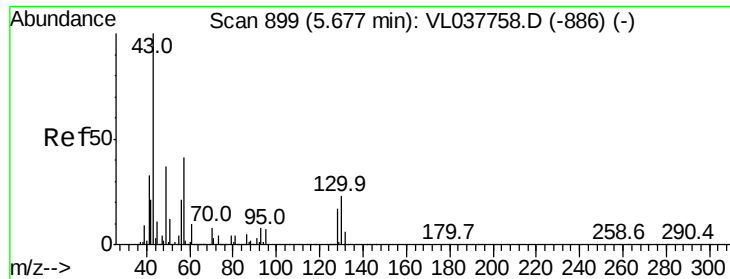
98 4.8

100 2.7

2.3 6.9

1.1 3.1





#25

Ethyl Acetate

Concen: 9.618 ppbv

RT: 5.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

43 100

45 10.

61 9.

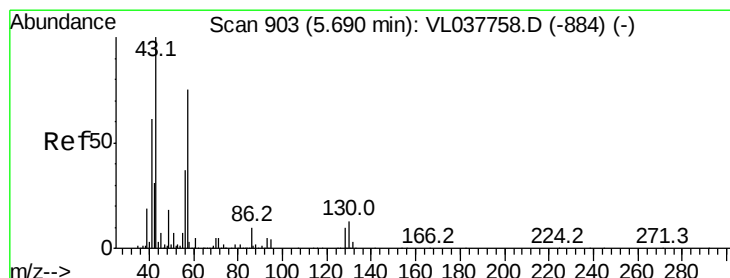
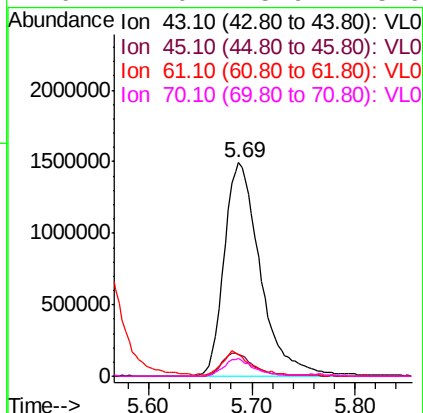
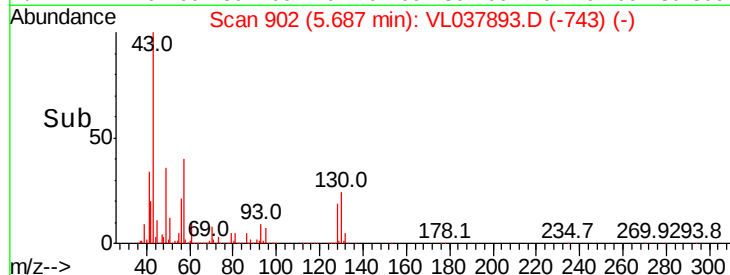
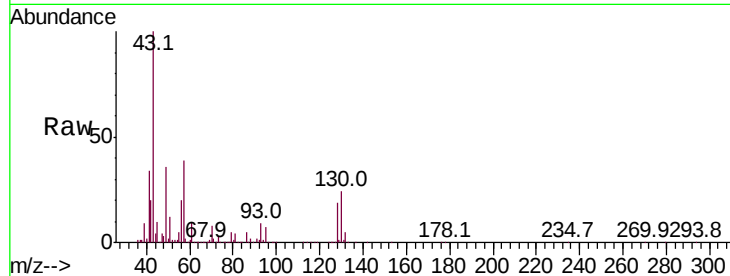
70 7.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#26

Hexane

Concen: 9.139 ppbv

RT: 5.70 min Scan# 905

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 57 Resp: 1693753

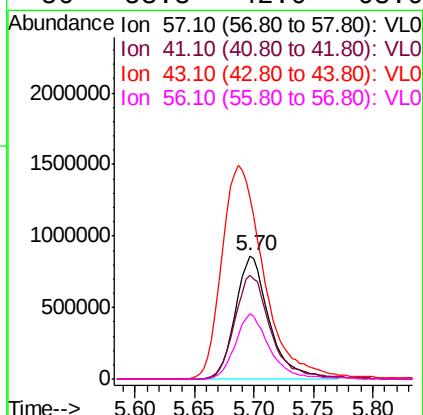
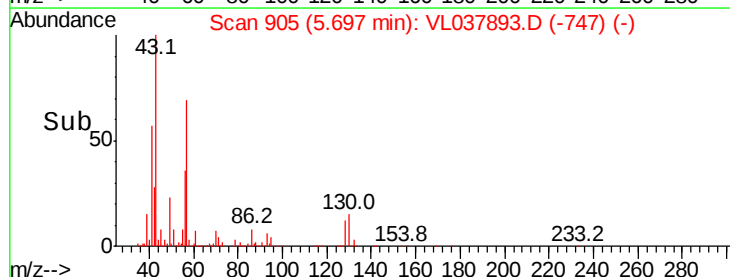
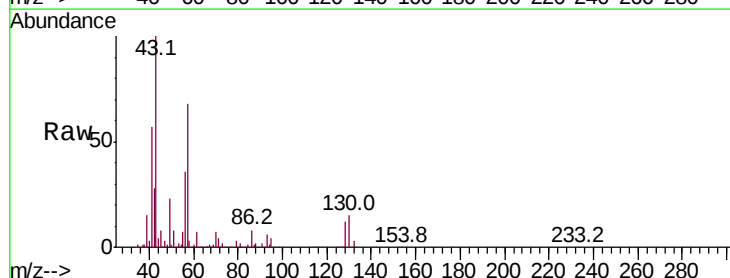
Ion Ratio Lower Upper

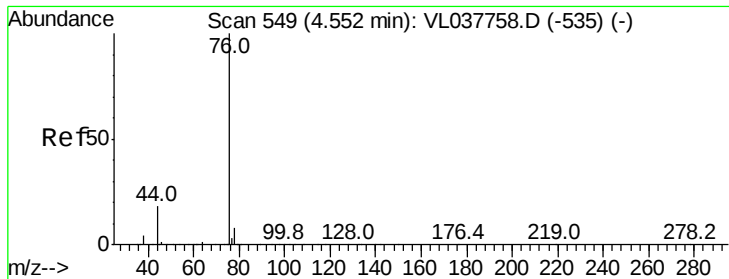
57 100

41 91.0 69.6 104.4

43 217.1 171.4 257.0

56 53.8 42.0 63.0





#27

Carbon Disulfide

Concen: 10.560 ppbv

RT: 4.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

76 100

44 17.

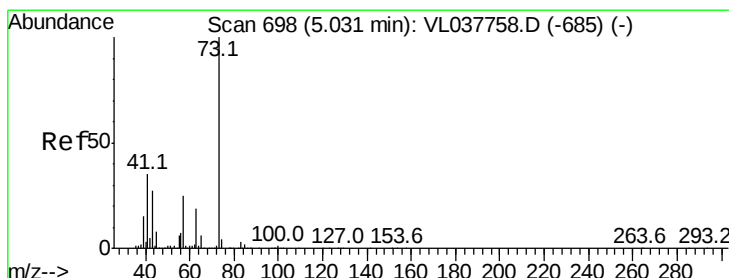
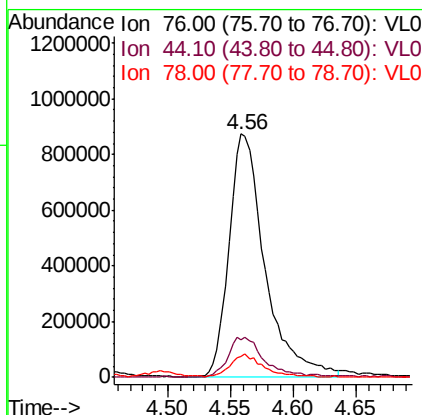
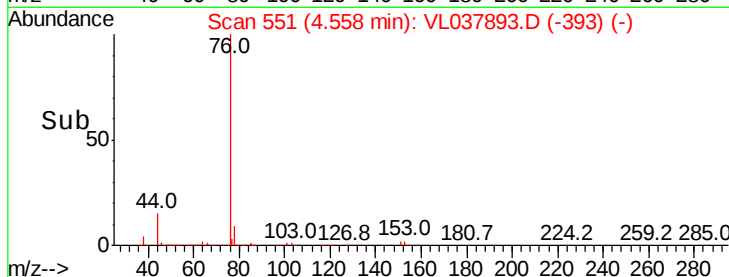
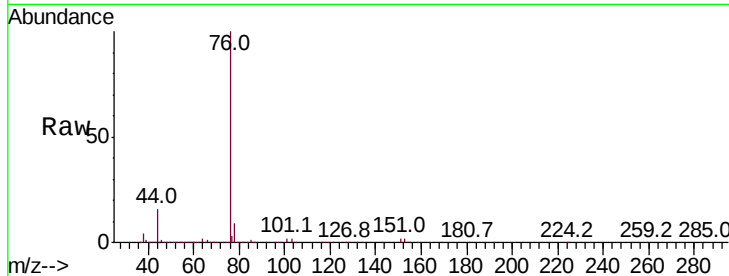
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 8.865 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL037893.D

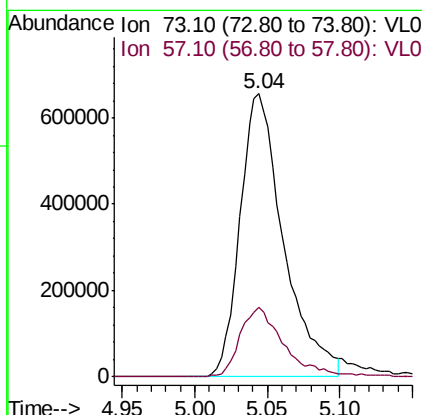
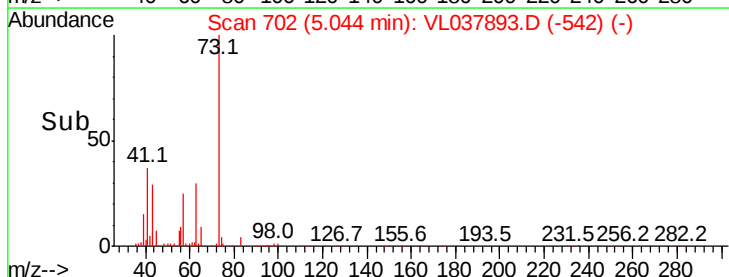
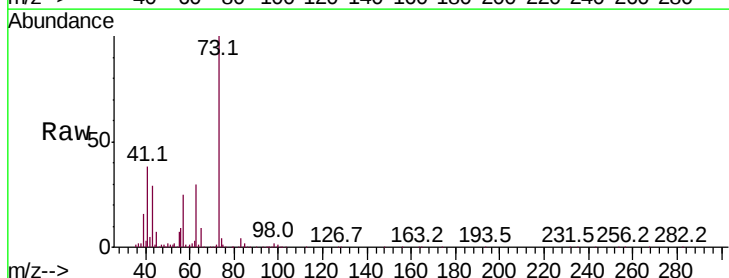
Acq: 25 Oct 2021 14:10

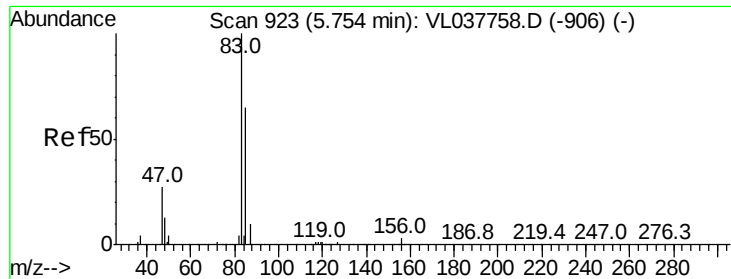
Tgt Ion: 73 Resp: 1367887

Ion Ratio Lower Upper

73 100

57 25.5 20.4 30.6



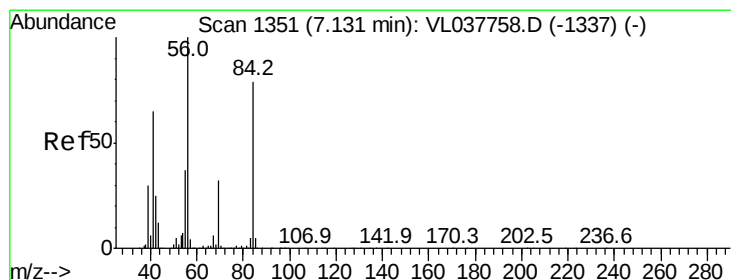
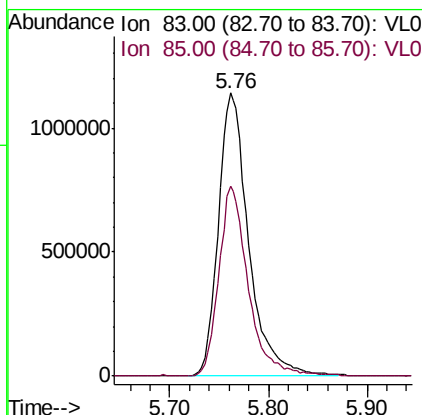
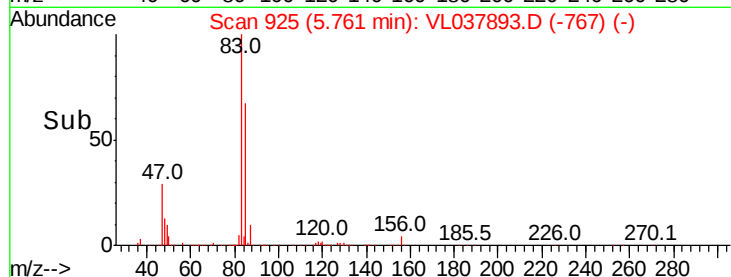
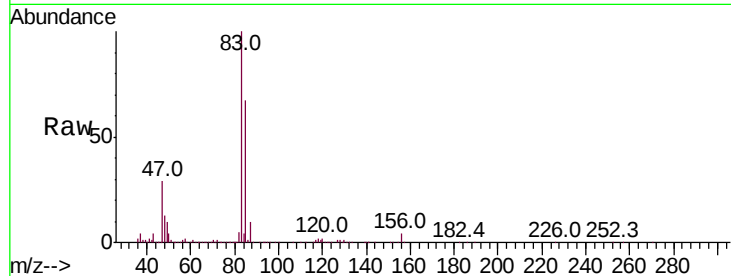


#29
Chloroform
Concen: 9.249 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:
Ion Ratio
83 100
85 67.

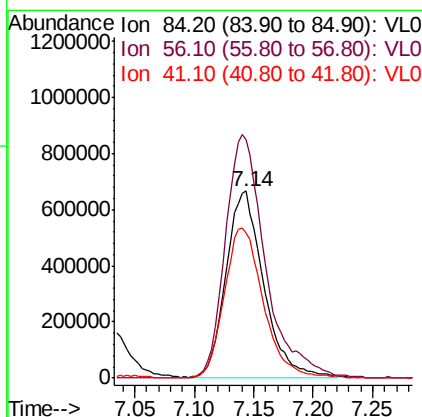
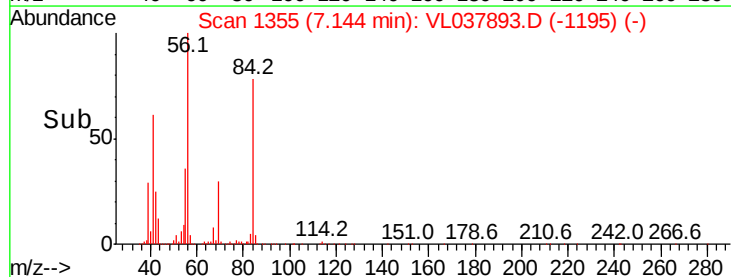
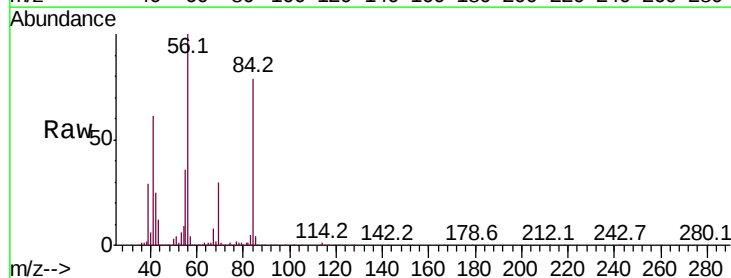
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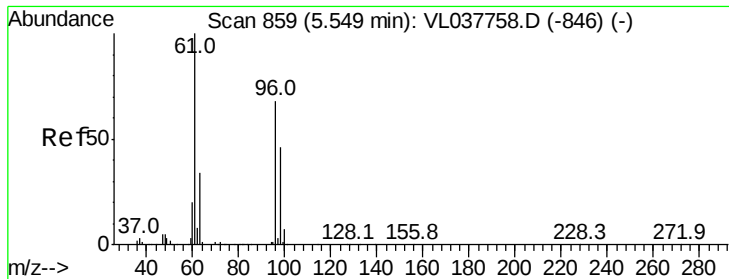
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 9.190 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 84 Resp: 1444369
Ion Ratio Lower Upper
84 100
56 140.7 113.0 169.4
41 84.1 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.293 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10 VL1025ABS01

Tot Ion:

Ion Ratio

61 100

96 68.

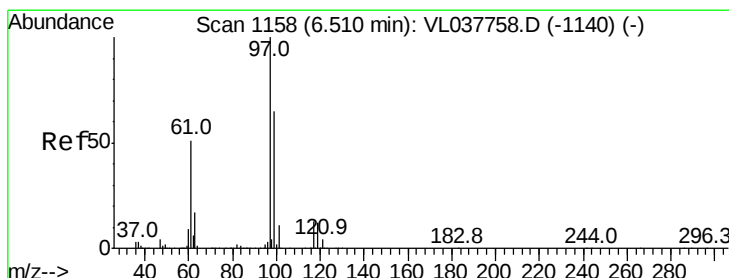
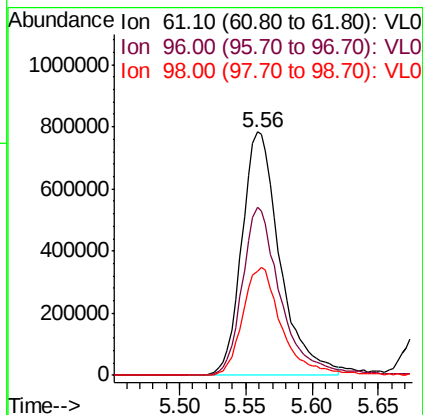
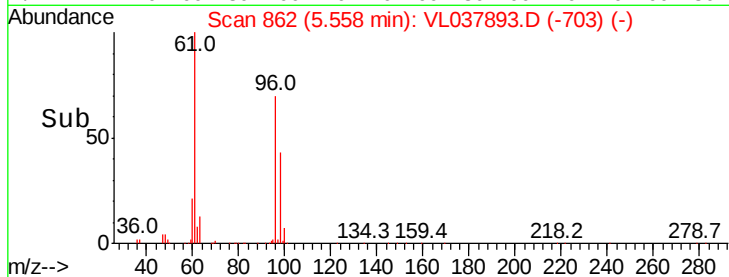
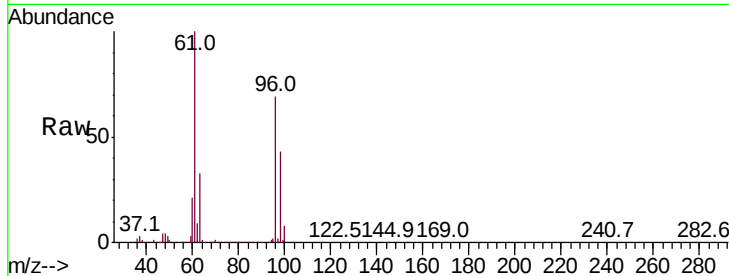
98 42.

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 9.315 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

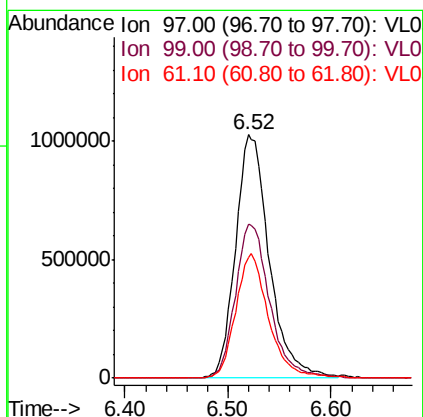
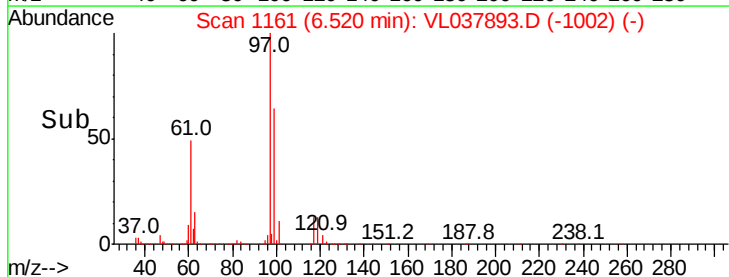
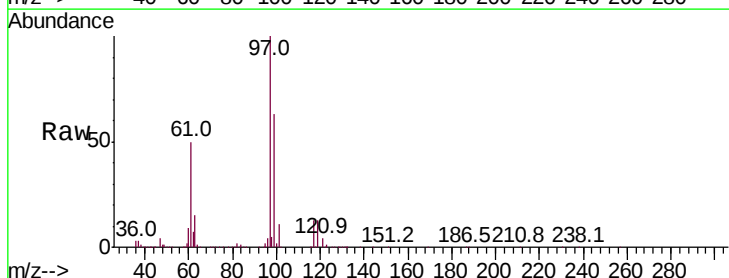
Tgt Ion: 97 Resp: 2339488

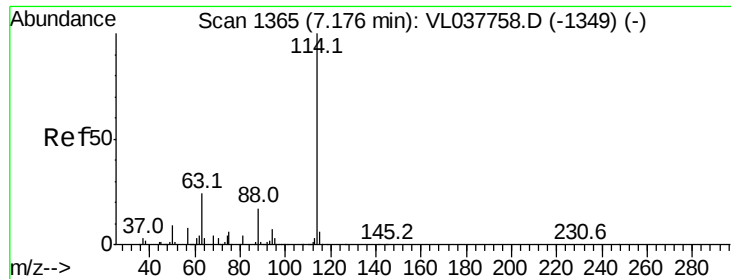
Ion Ratio Lower Upper

97 100

99 64.5 52.6 78.8

61 50.3 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:1

Ion Rati

114 100

63 23.

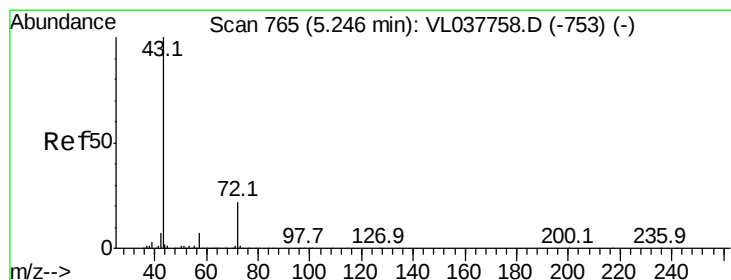
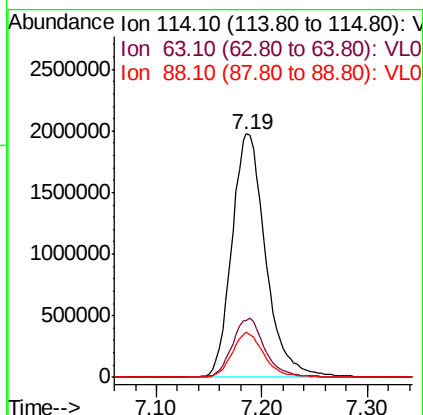
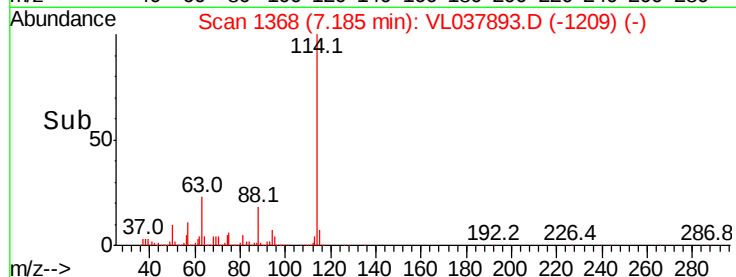
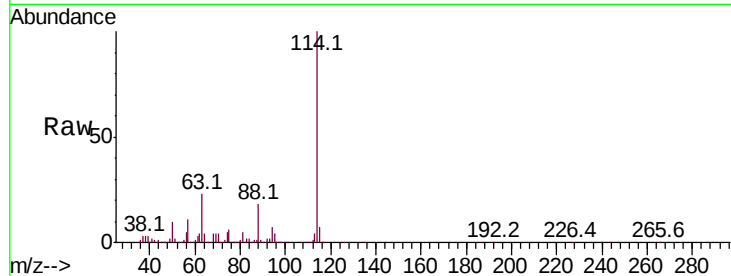
88 17.

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

2-Butanone

Concen: 9.076 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

Lab File: VL037893.D

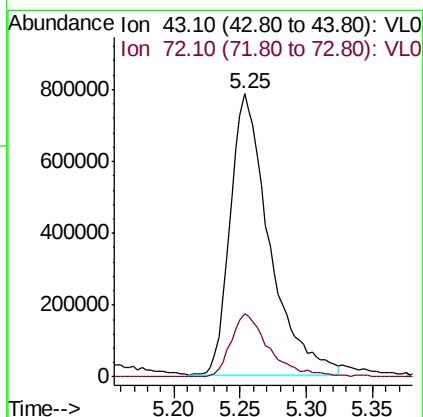
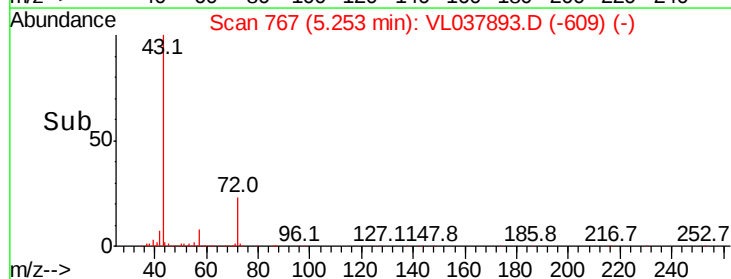
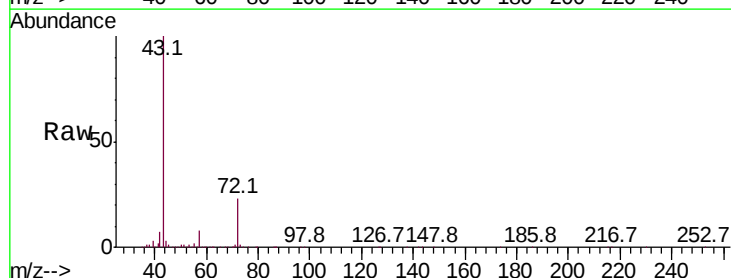
Acq: 25 Oct 2021 14:10

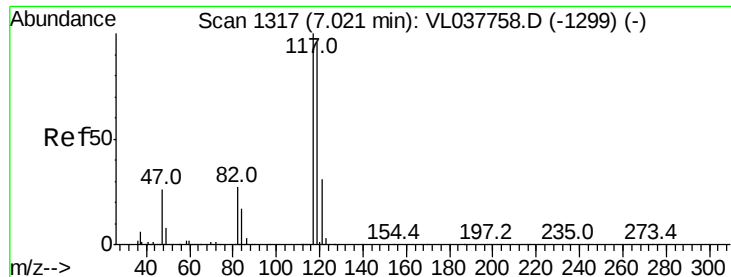
Tgt Ion: 43 Resp: 1605094

Ion Ratio Lower Upper

43 100

72 22.8 18.2 27.2



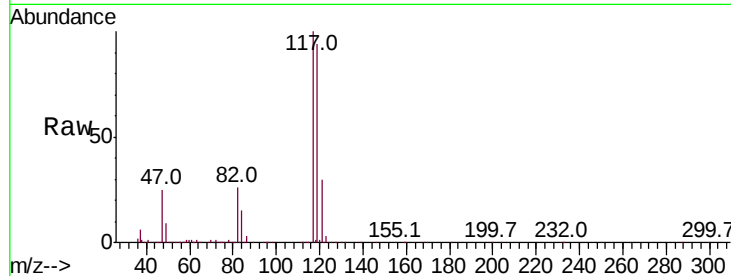


#35
Carbon Tetrachloride
Concen: 9.751 ppbv
RT: 7.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1025ABS01
Acq: 25 Oct 2021 14:10

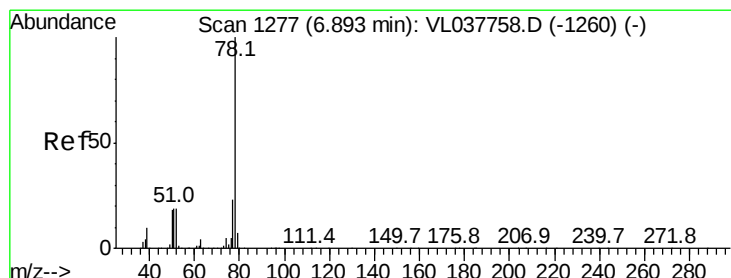
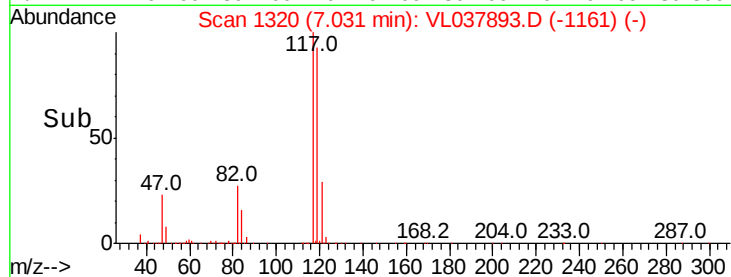
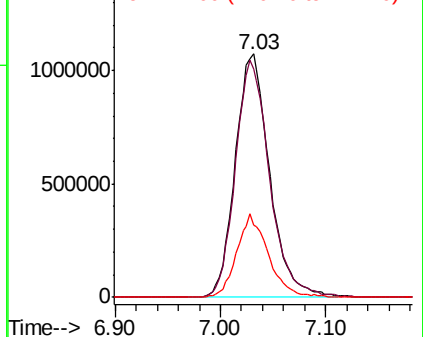
Tot Ion:1
Ion Rati
117 100
119 93.
121 29.

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Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021

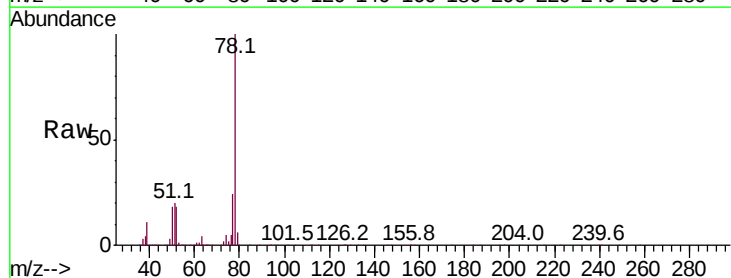


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

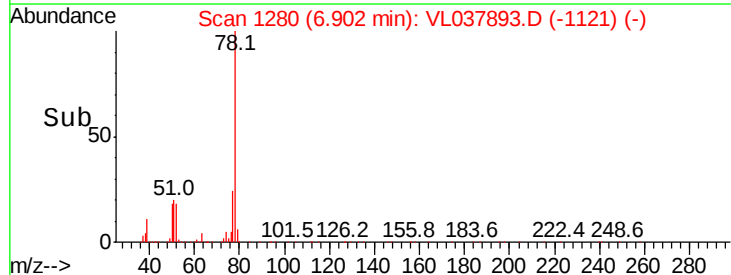
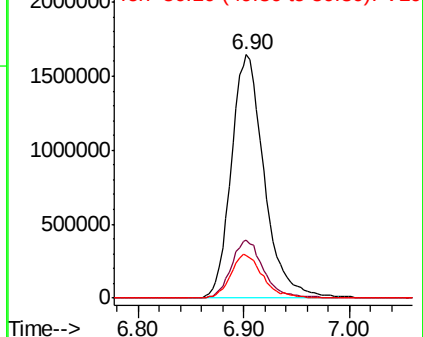


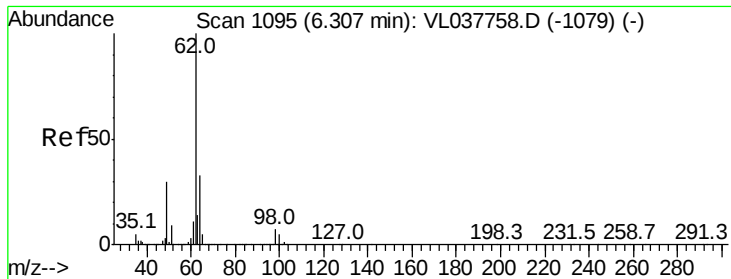
#36
Benzene
Concen: 9.513 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 78 Resp: 3559409
Ion Ratio Lower Upper
78 100
77 24.0 18.8 28.2
50 17.7 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



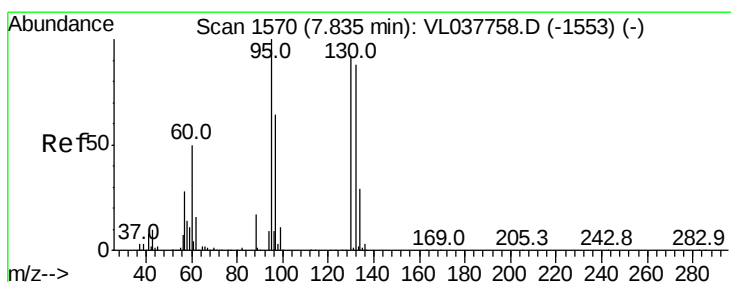
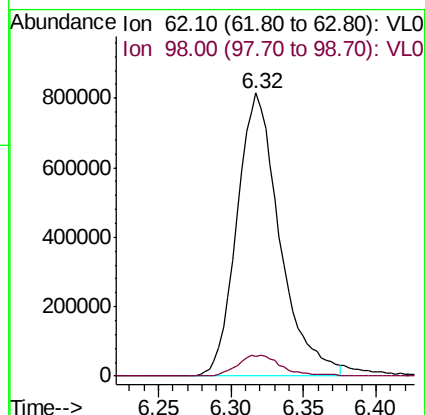
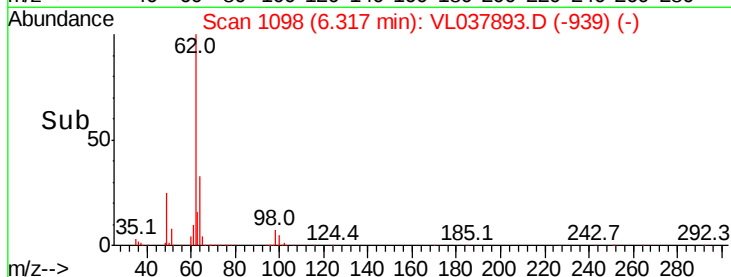
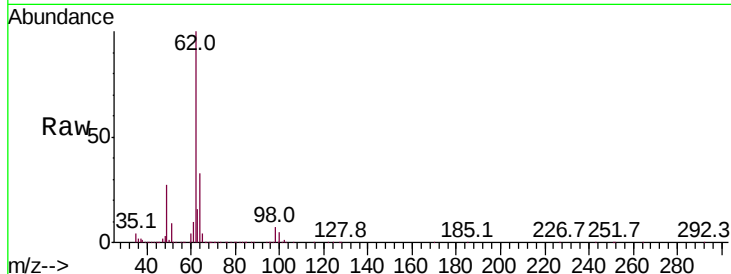


#37
 1,2-Dichloroethane
 Concen: 9.506 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

Tot Ion:
 Ion Ratio
 62 100
 98 7.

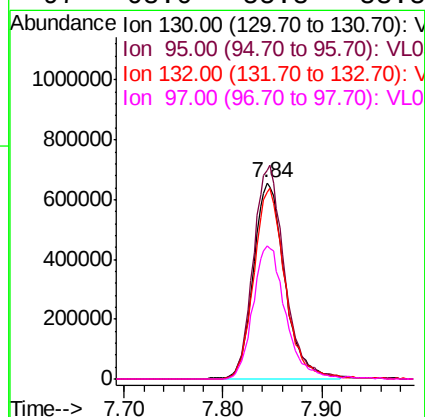
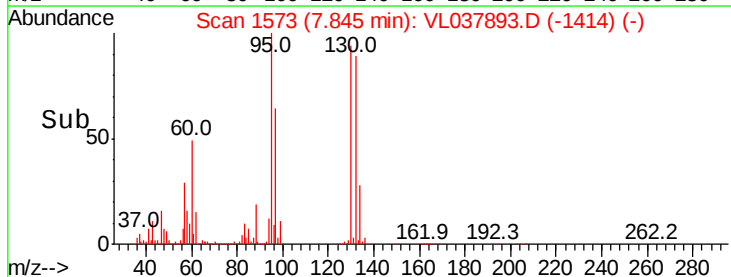
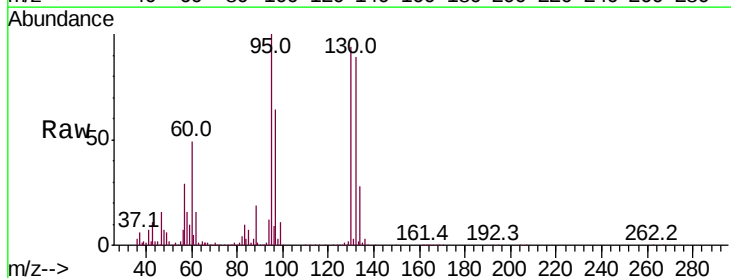
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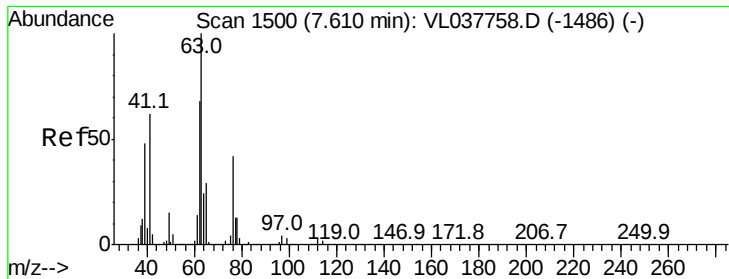
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#38
 Trichloroethene
 Concen: 9.759 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:130 Resp: 1442579
 Ion Ratio Lower Upper
 130 100
 95 106.7 87.4 131.0
 132 95.2 76.8 115.2
 97 68.0 55.8 83.8





#39

1,2-Dichloropropane

Concen: 9.678 ppbv

RT: 7.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

63 100

41 66.

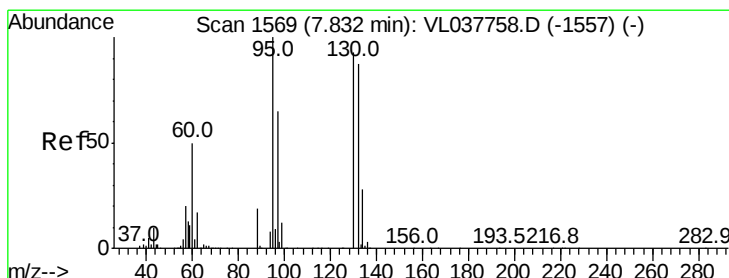
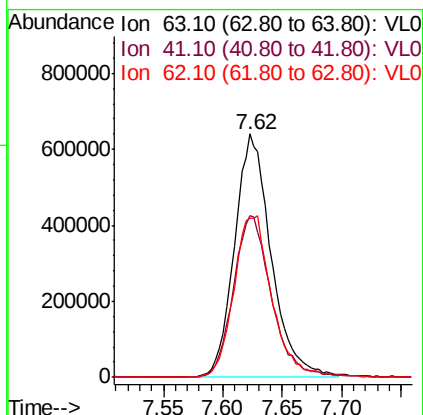
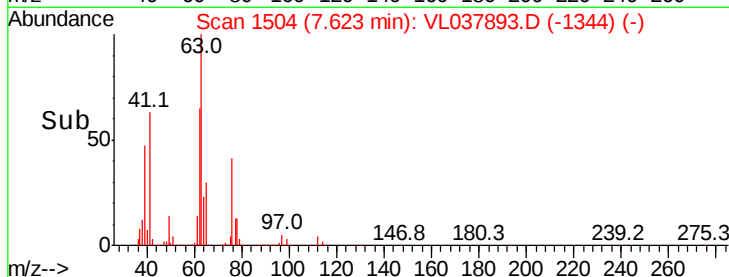
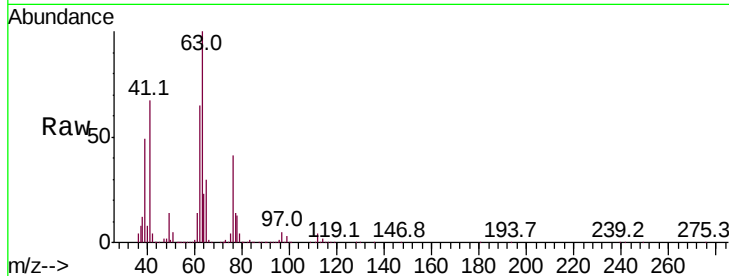
62 65.

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#40

1,4-Dioxane

Concen: 9.197 ppbv

RT: 7.85 min Scan# 1574

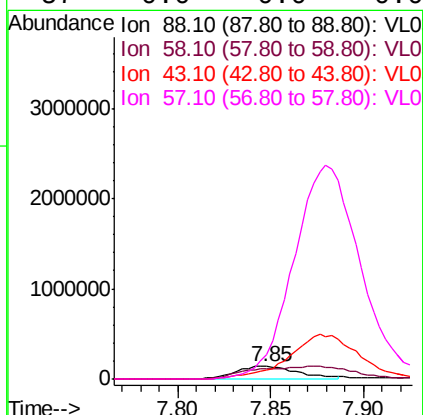
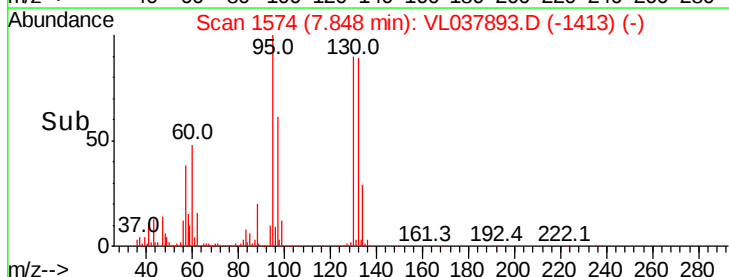
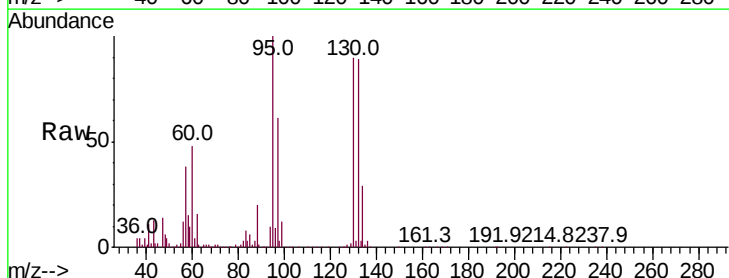
Delta R.T. 0.02 min

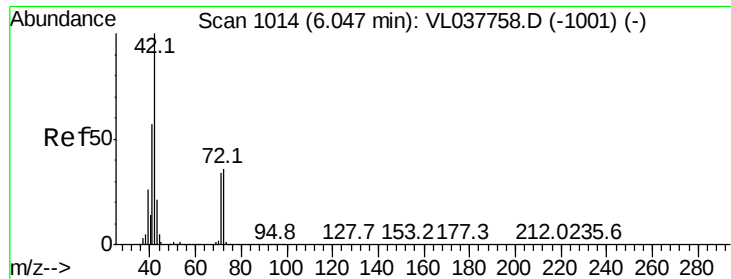
Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 88 Resp: 323885

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



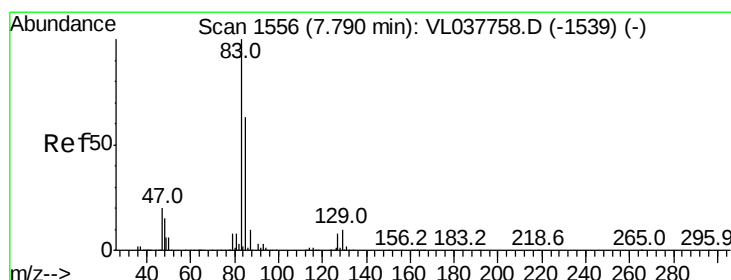
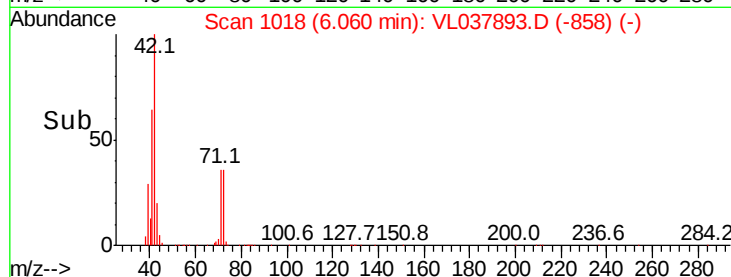
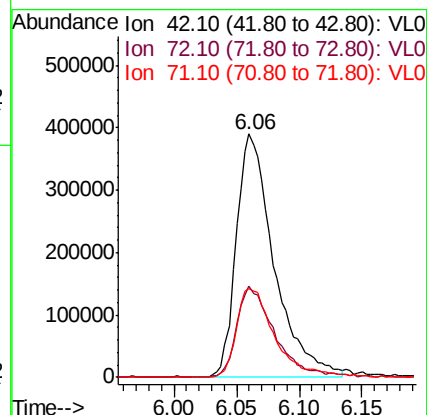
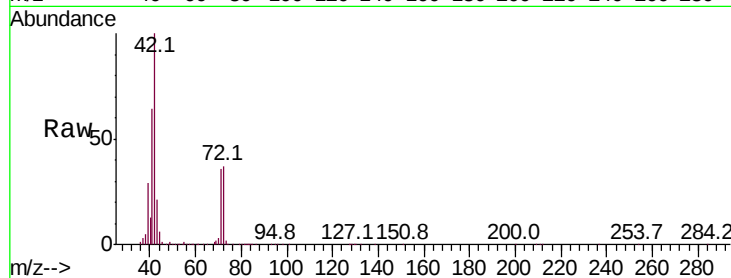


#41
Tetrahydrofuran
Concen: 9.390 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL1025ABS01
Acq: 25 Oct 2021 14:10

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

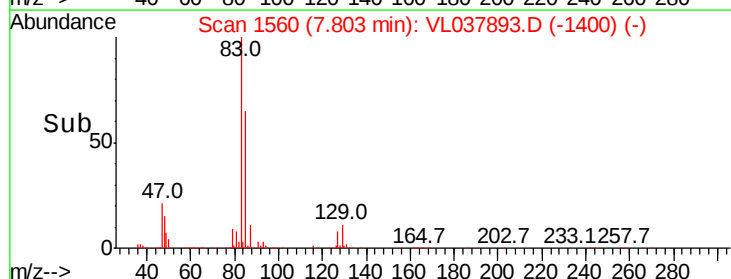
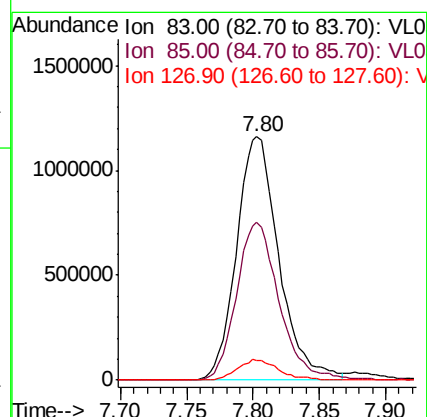
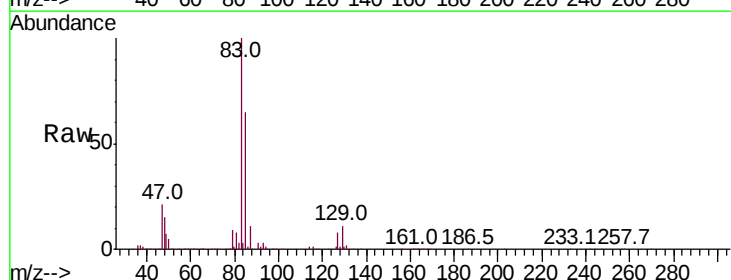
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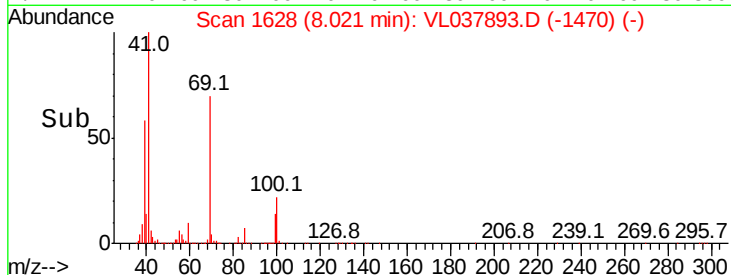
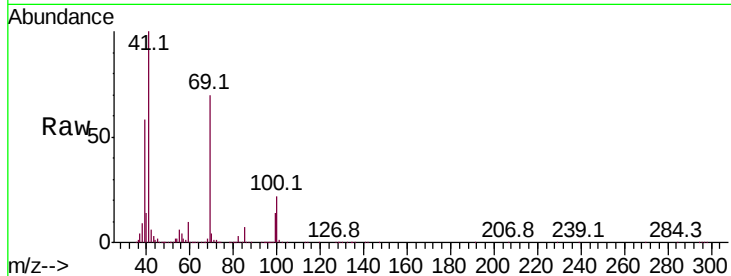
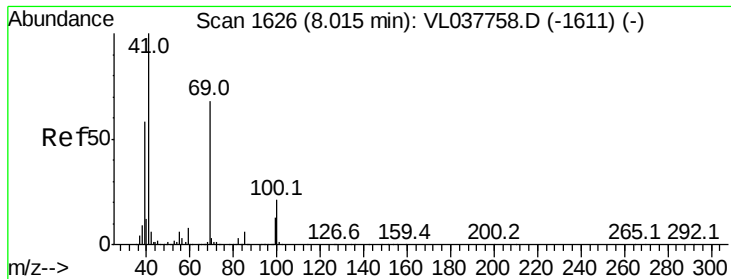
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
Bromodichloromethane
Concen: 9.924 ppbv
RT: 7.80 min Scan# 1560
Delta R.T.: 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 83 Resp: 2568213
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8
127 8.1 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.492 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId: VL1025ABS01

Acq: 25 Oct 2021 14:10

Tot Ion:

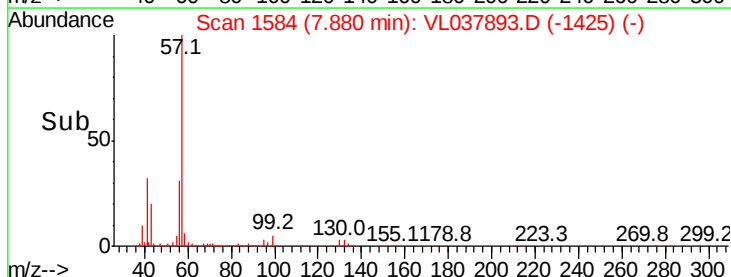
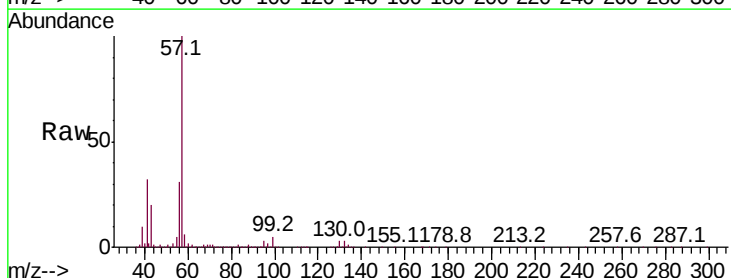
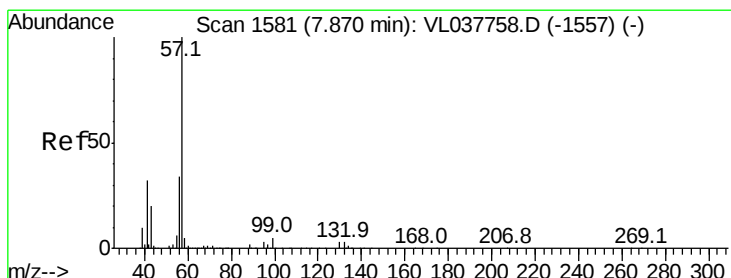
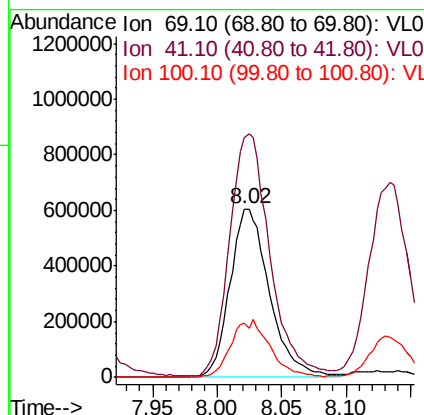
Ion	Ratio
69	100
41	148.
100	34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#44

2,2,4-Trimethylpentane

Concen: 9.576 ppbv

RT: 7.88 min Scan# 1584

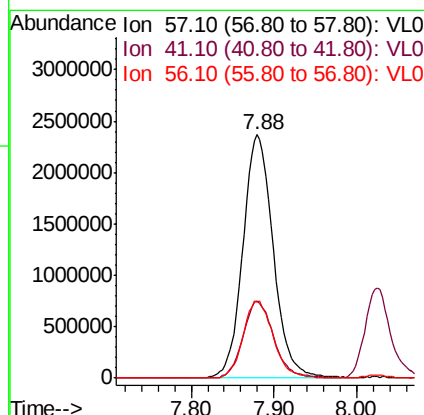
Delta R.T. 0.01 min

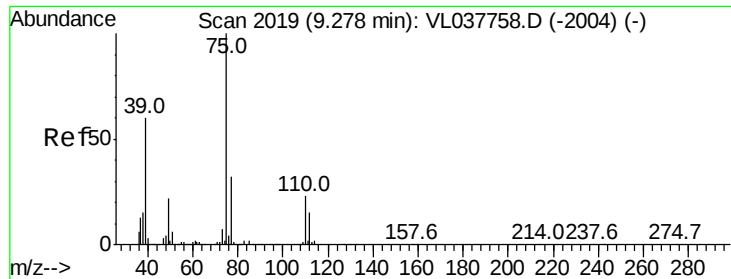
Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 57 Resp: 6019885

Ion	Ratio	Lower	Upper
57	100		
41	32.0	25.6	38.4
56	31.7	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 10.211 ppbv

RT: 9.29

Instrument : MSVOA_1

Delta R.T. :

ClientSampleId :

Lab File: VL1025ABS01

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

75 100

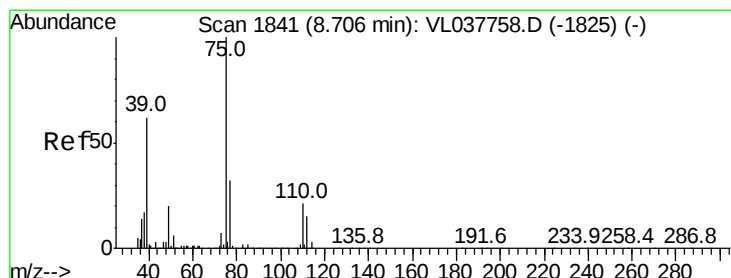
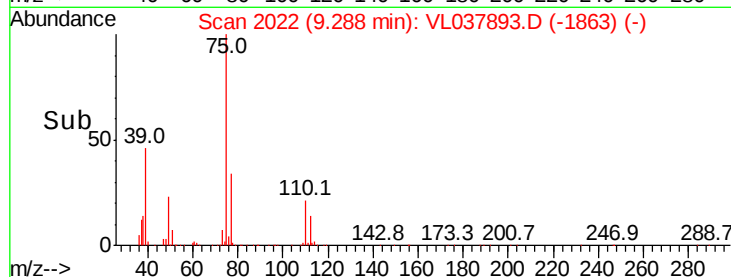
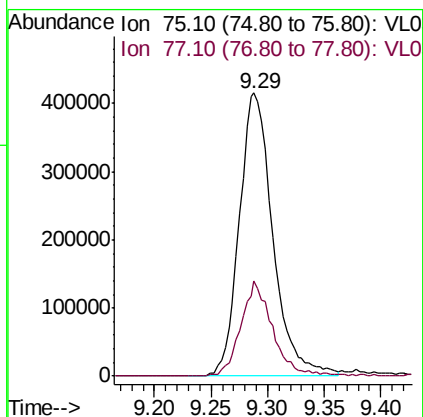
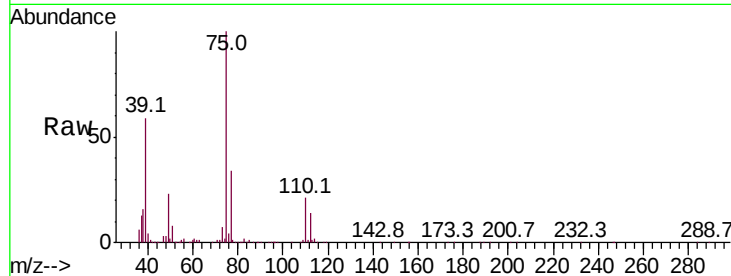
77 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#46

cis-1,3-Dichloropropene

Concen: 10.191 ppbv

RT: 8.72 min Scan# 1844

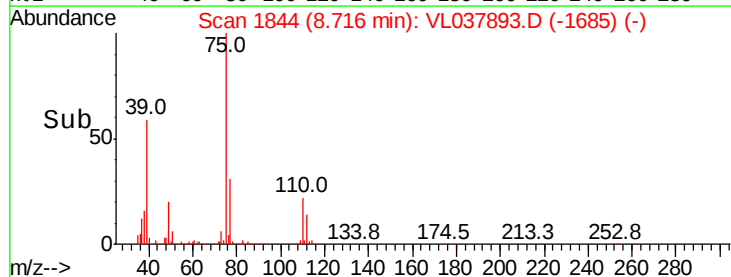
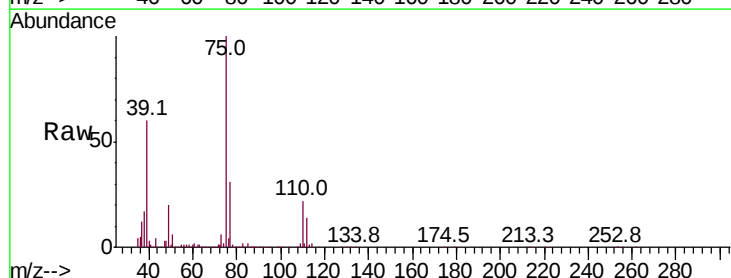
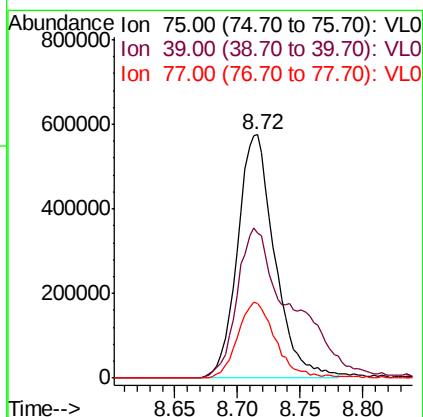
Delta R.T. 0.01 min

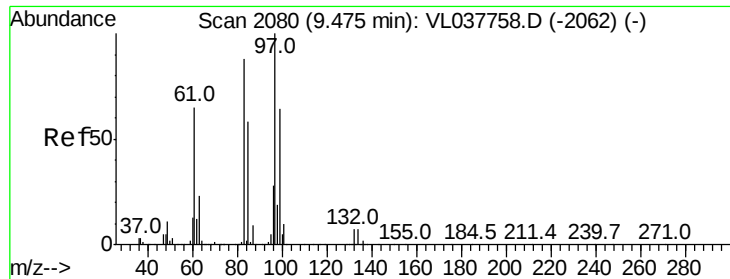
Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion: 75 Resp: 1187802

Ion	Ratio	Lower	Upper
75	100		
39	59.7	49.9	74.9
77	30.7	25.9	38.9



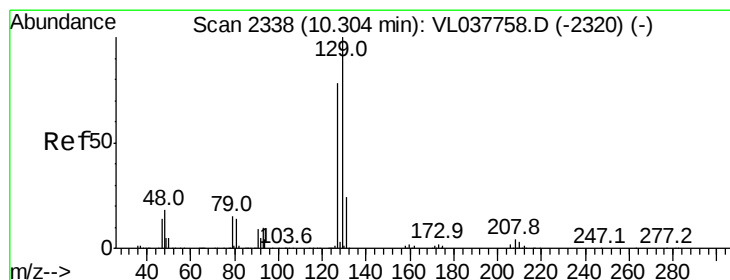
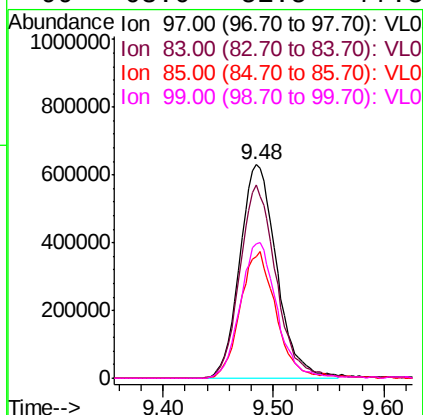
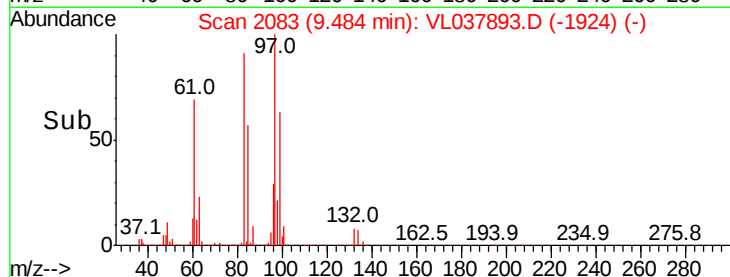
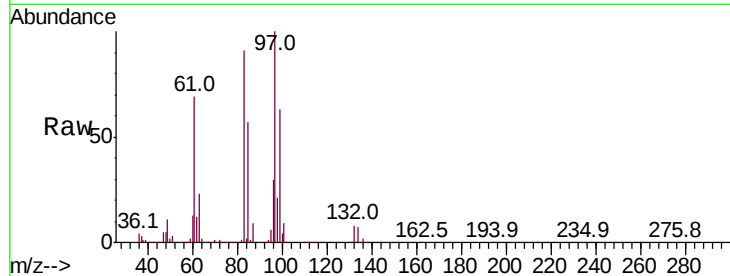


#47
 1,1,2-Trichloroethane
 Concen: 9.546 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 57.
 99 63.0 51.5 77.3

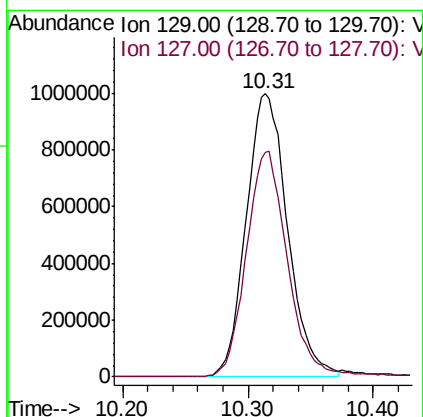
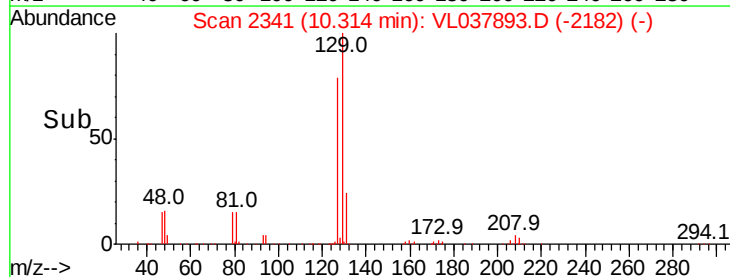
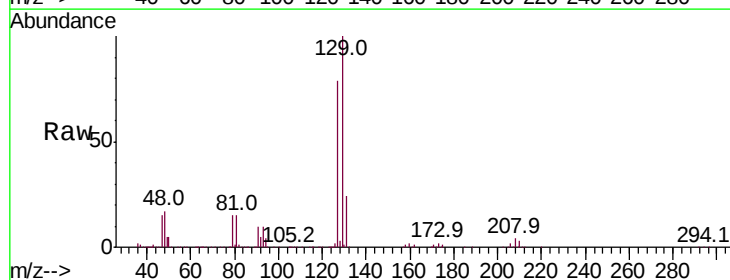
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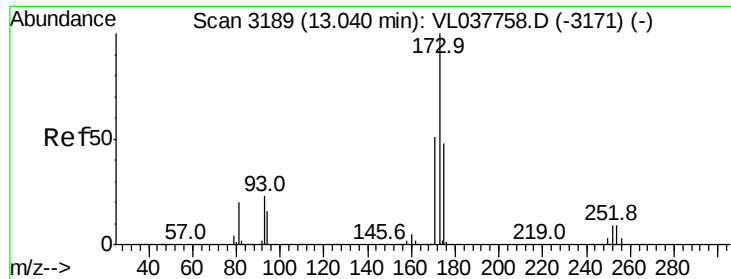
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#48
 Dibromochloromethane
 Concen: 10.491 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:129 Resp: 2288172
 Ion Ratio Lower Upper
 129 100
 127 79.9 39.5 118.5





#49

Bromoform

Concen: 11.918 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:1

Ion Ratio

173 100

175 49.

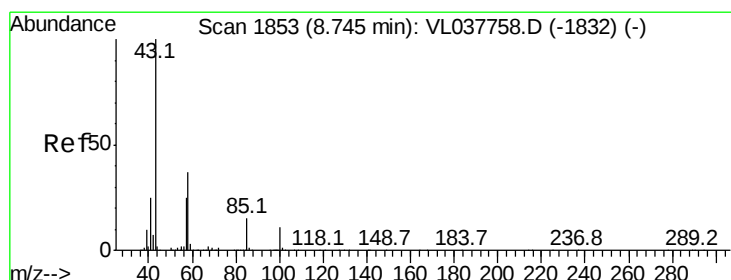
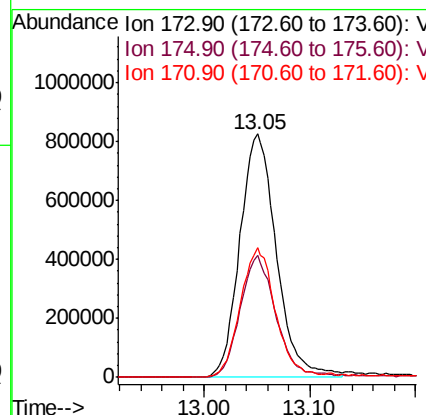
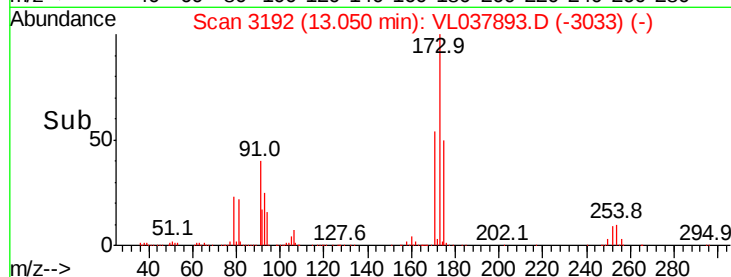
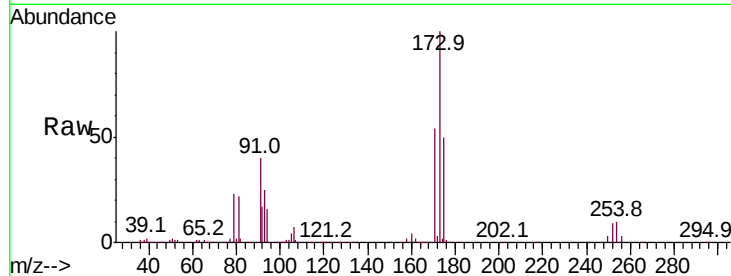
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

4-Methyl-2-Pentanone

Concen: 10.233 ppbv

RT: 8.75 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VL037893.D

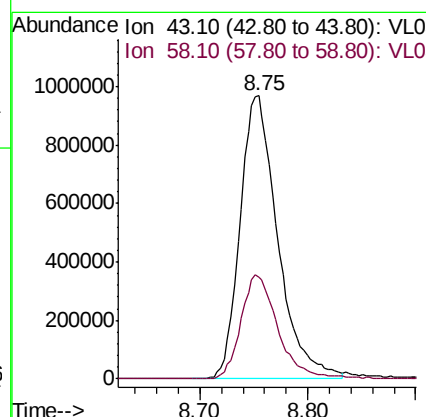
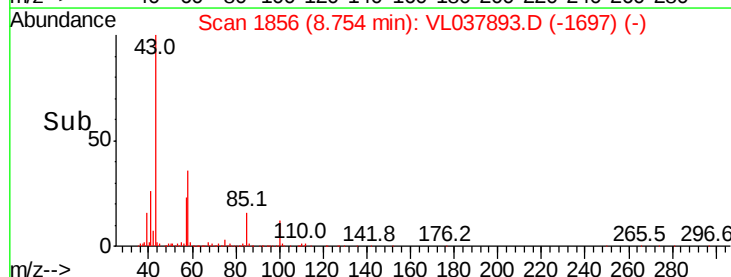
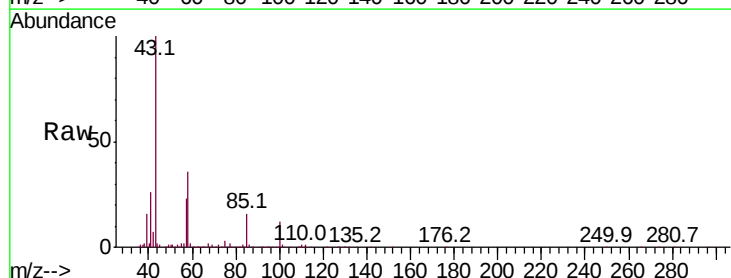
Acq: 25 Oct 2021 14:10

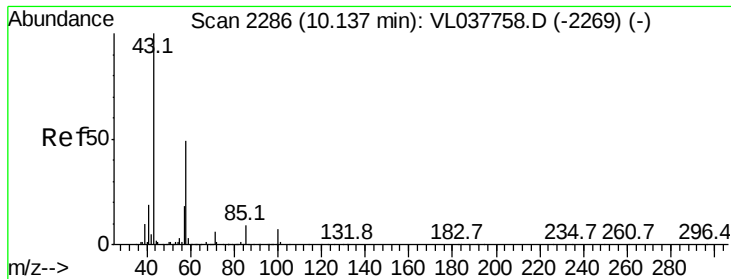
Tgt Ion: 43 Resp: 2355820

Ion Ratio Lower Upper

43 100

58 36.3 29.4 44.0





#51

2-Hexanone

Concen: 10.675 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

43 100

58 48.

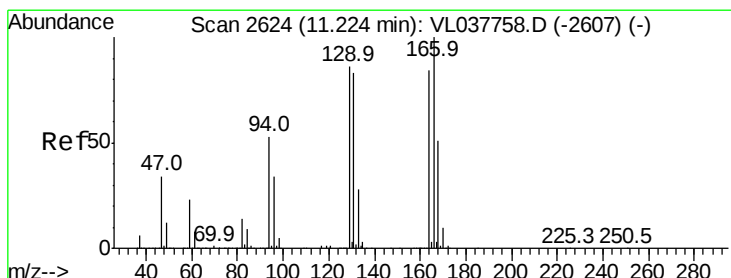
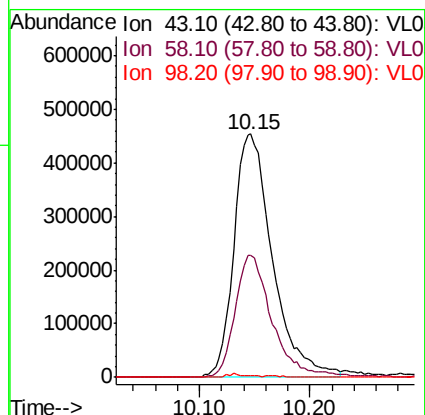
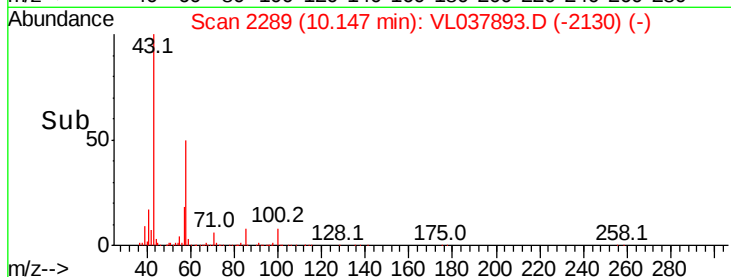
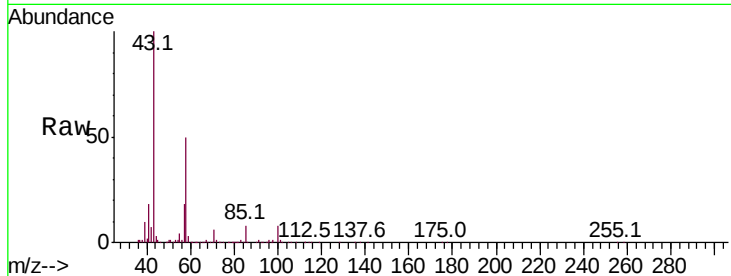
98 1.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#52

Tetrachloroethene

Concen: 8.938 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion:164 Resp: 1301081

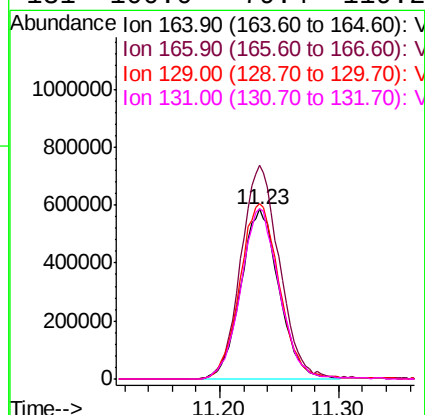
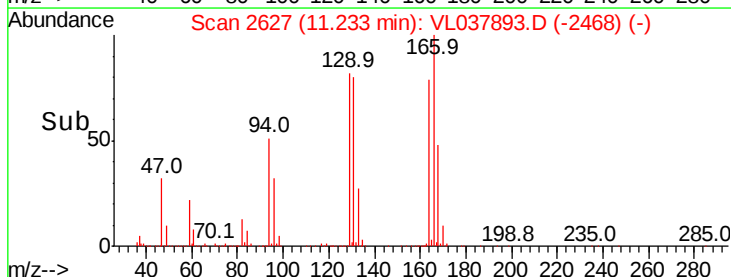
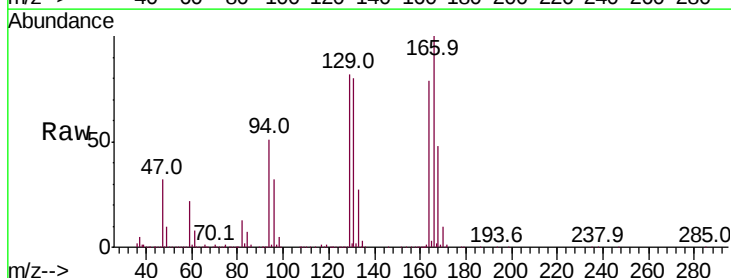
Ion Ratio Lower Upper

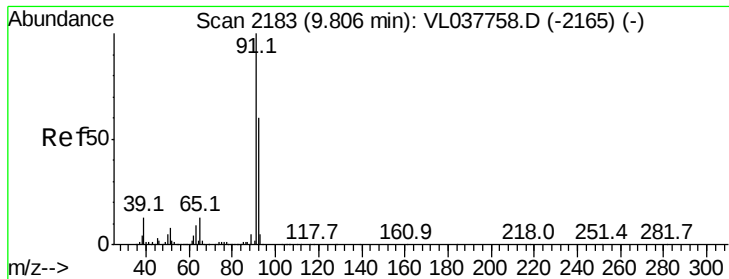
164 100

166 125.7 95.4 143.2

129 103.3 82.2 123.4

131 100.0 79.4 119.2





#53

Toluene

Concen: 9.946 ppbv

RT: 9.82

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

91 100

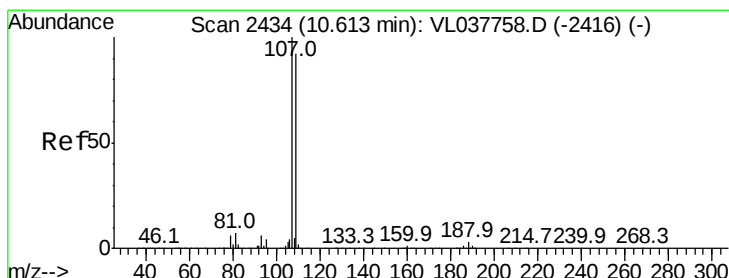
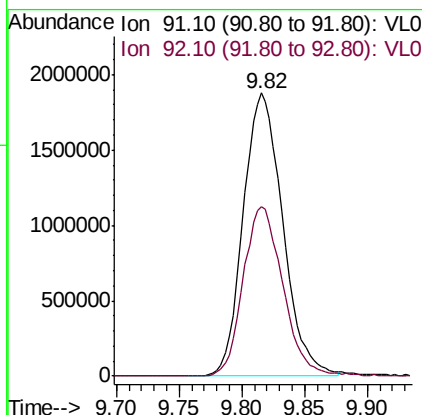
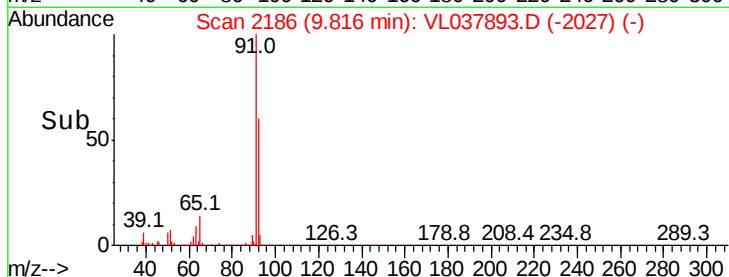
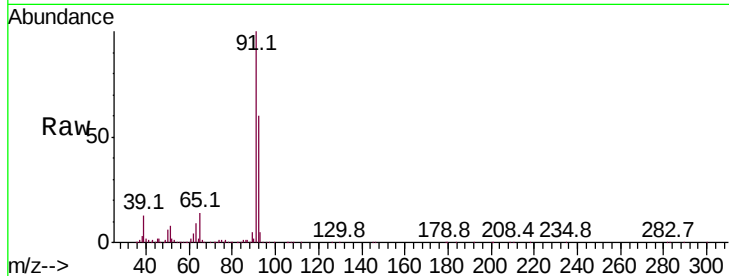
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#54

1,2-Dibromoethane

Concen: 9.774 ppbv

RT: 10.62 min Scan# 2437

Delta R.T. 0.01 min

Lab File: VL037893.D

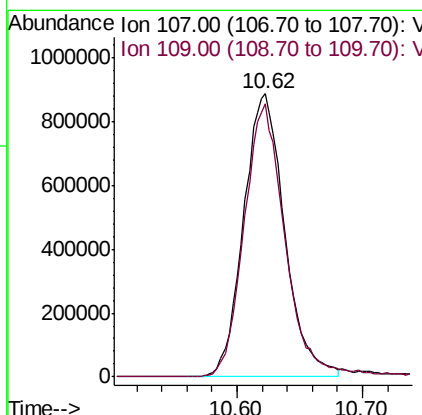
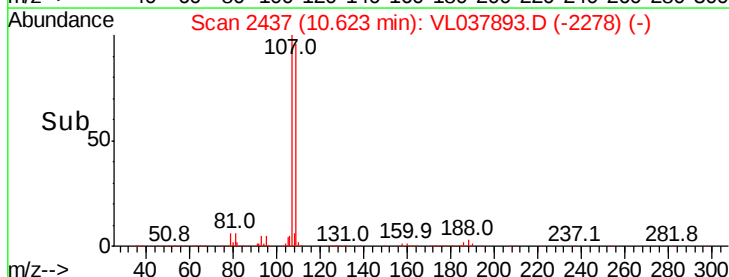
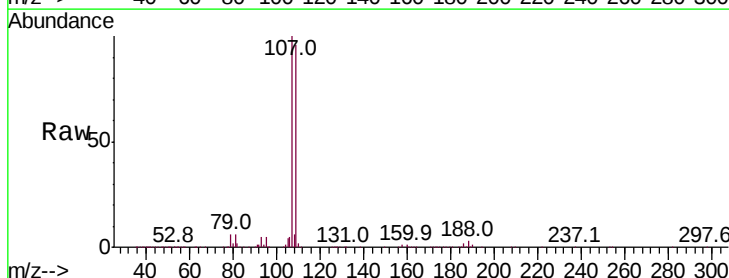
Acq: 25 Oct 2021 14:10

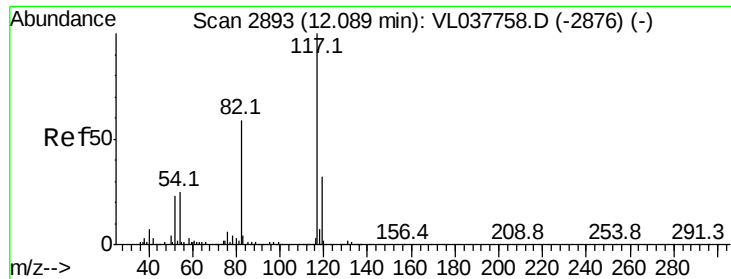
Tgt Ion:107 Resp: 2019906

Ion Ratio Lower Upper

107 100

109 96.4 73.8 110.6



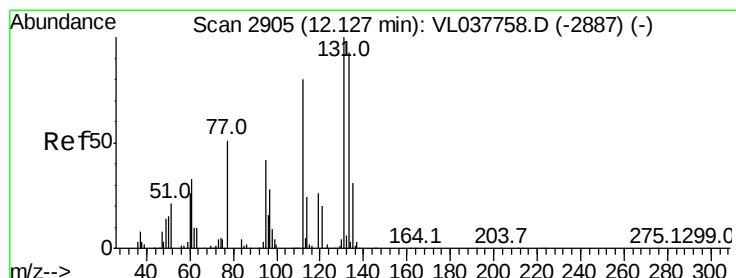
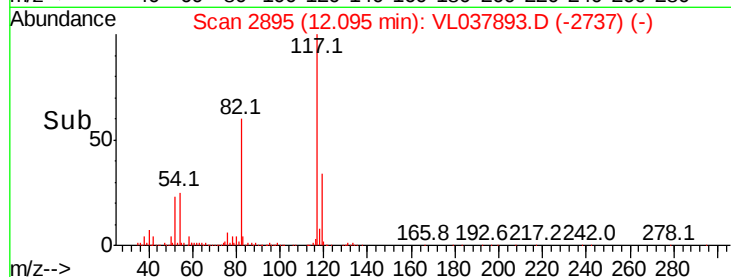
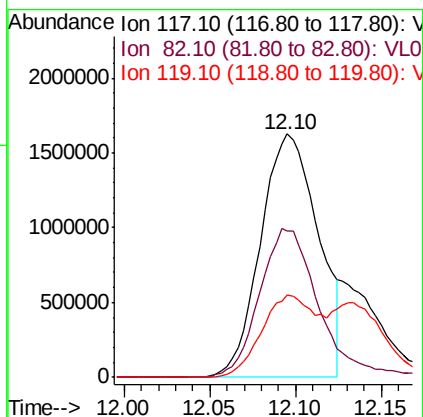
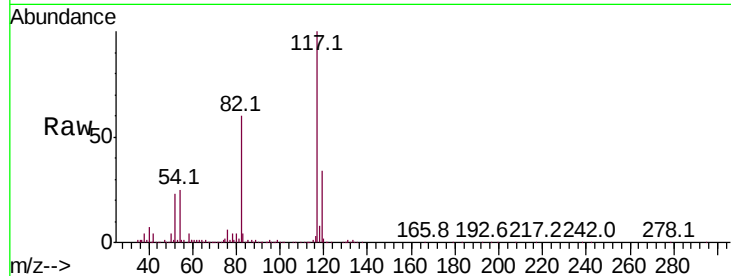


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:1
Ion Rati
117 100
82 64.
119 30.

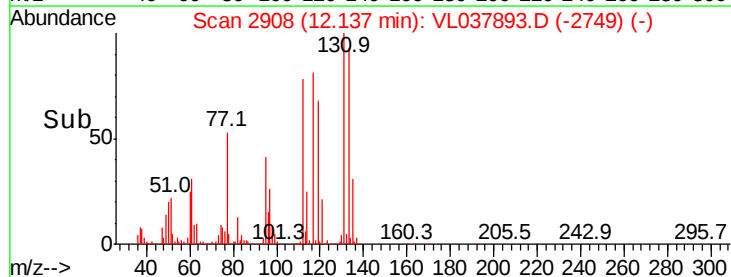
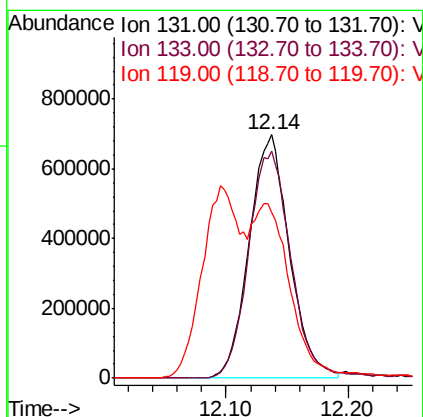
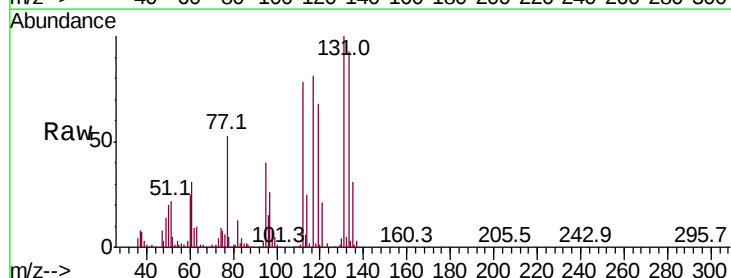
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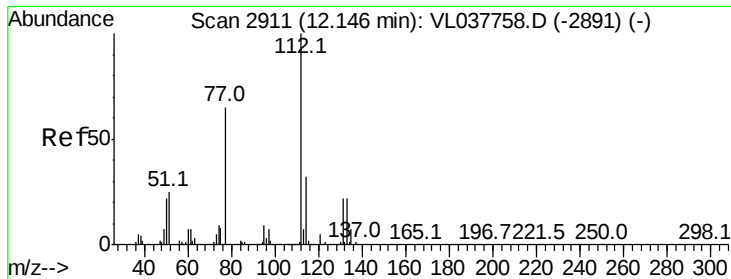
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.104 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion:131 Resp: 1589268
Ion Ratio Lower Upper
131 100
133 98.3 78.5 117.7
119 73.5 51.7 77.5



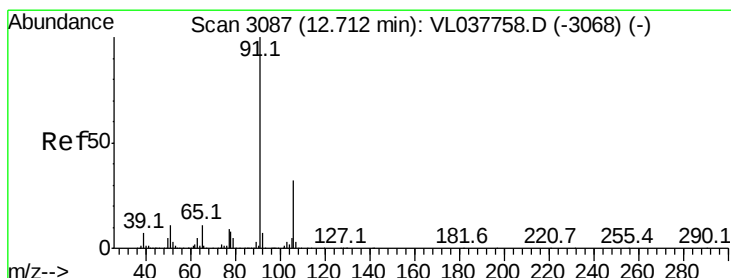
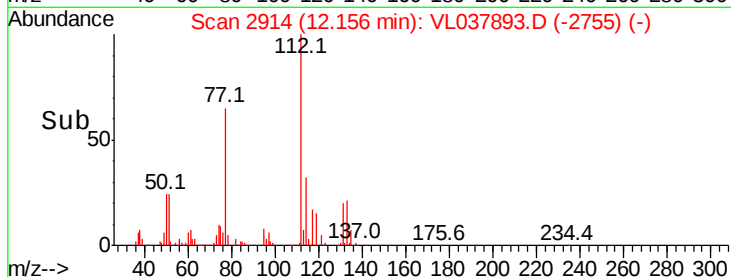
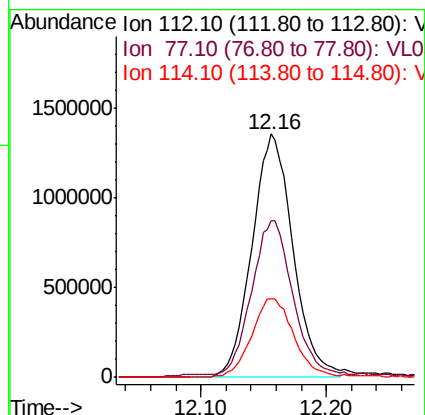
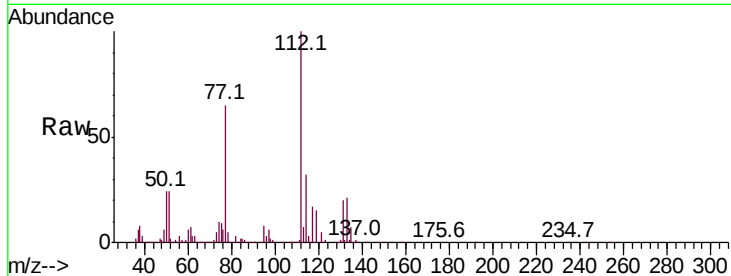


#57
Chlorobenzene
Concen: 9.875 ppbv
RT: 12.16
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 32.

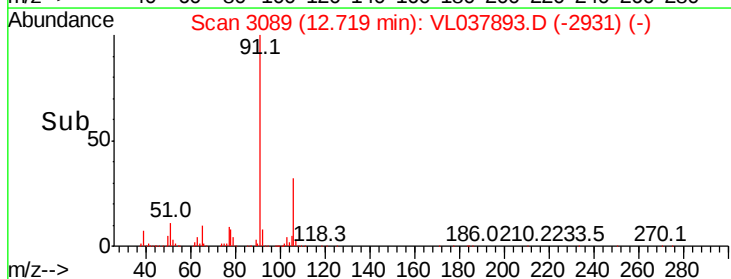
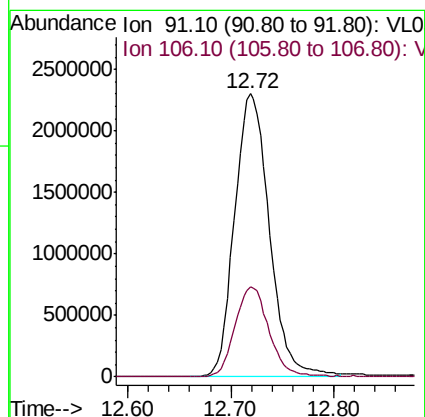
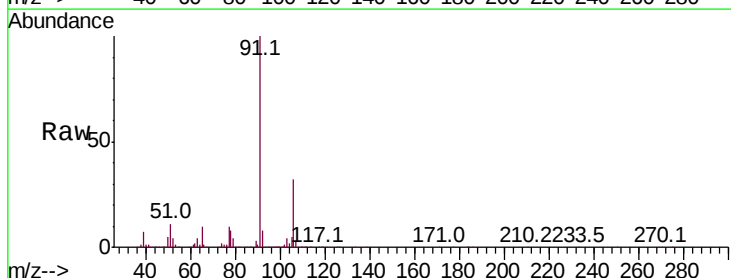
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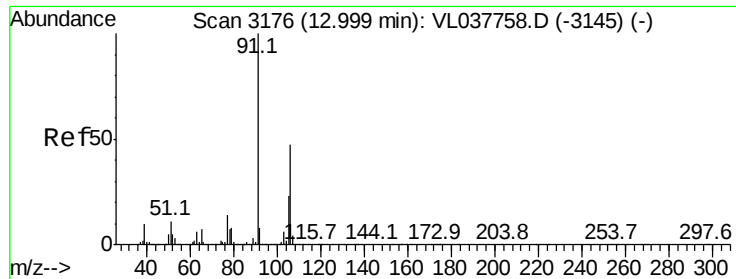
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#58
Ethyl Benzene
Concen: 10.619 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 5417931
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



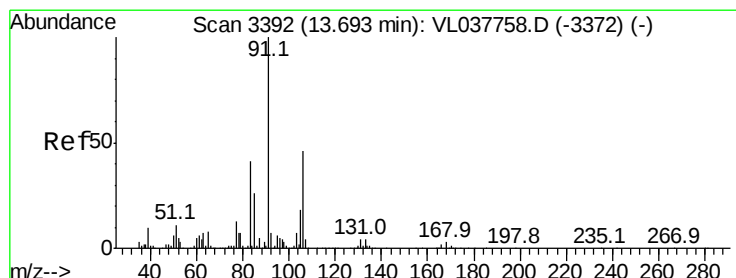
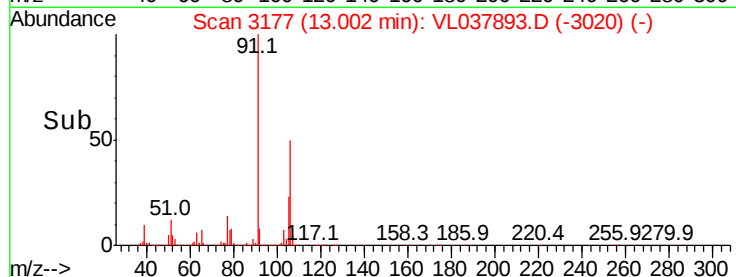
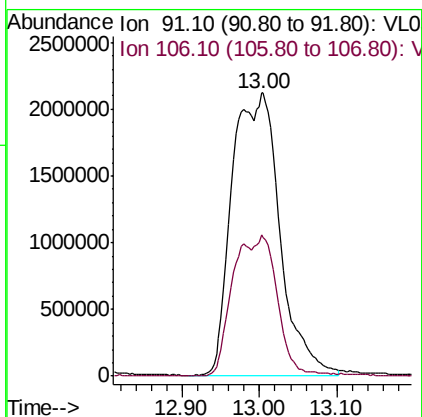
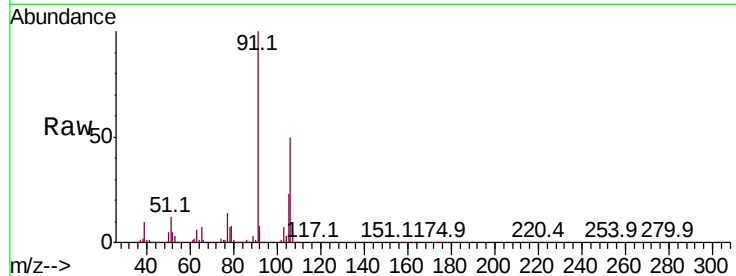


#59
m/p-Xylene
Concen: 20.853 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:
Ion Ratio
91 100
106 46.

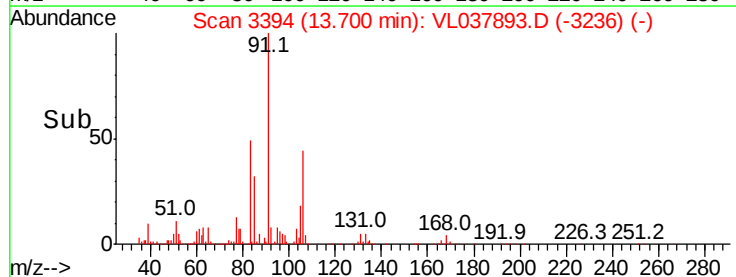
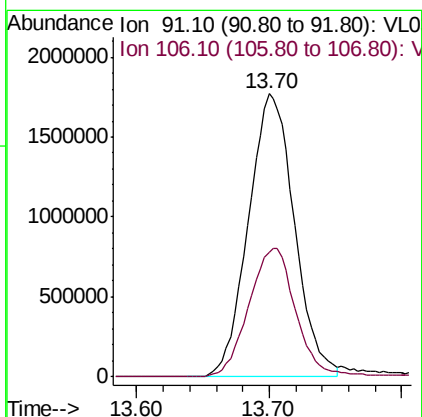
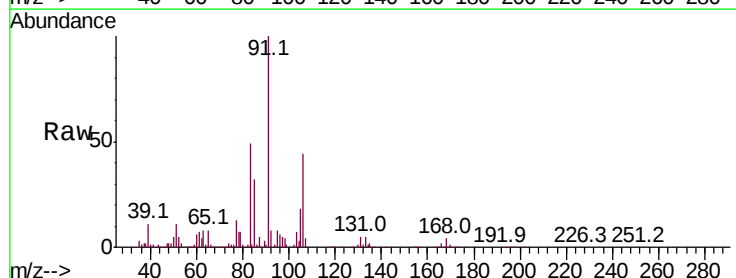
Manual Integrations
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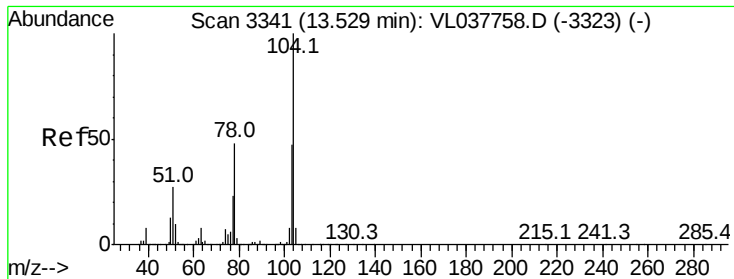
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#60
o-Xylene
Concen: 10.143 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 4257032
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





#61

Stvrene

Concen: 11.787 ppbv

RT: 13.54

Delta R.T.

Lab File:

Acq: 25 Oct 2021 14:10

Instrument :

MSVOA_1

ClientSampleId :

VL1025ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021

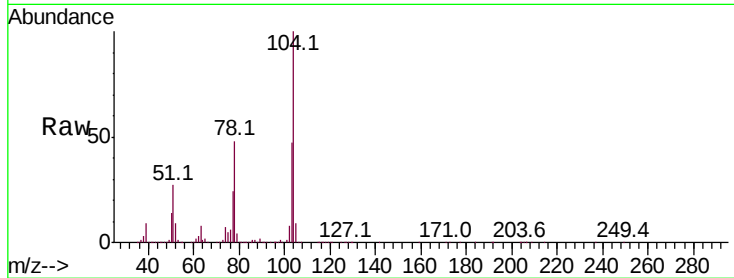
Tot Ion:1

Ion Rati

104 100

78 49.

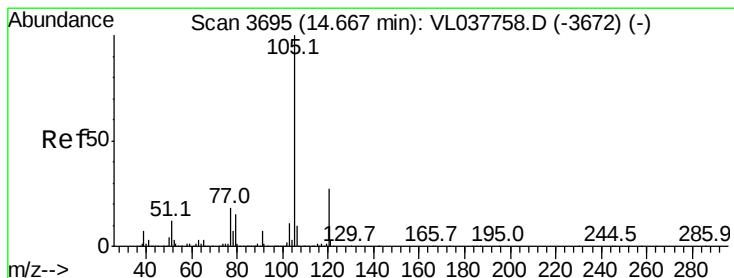
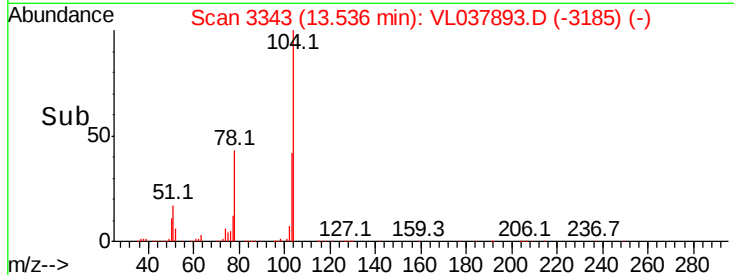
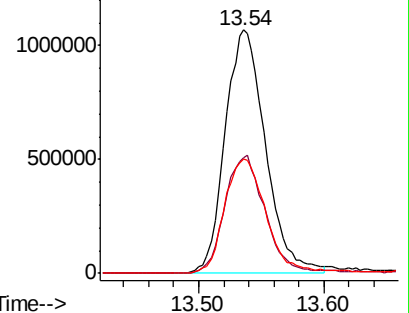
103 48.



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.337 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.01 min

Lab File: VL037893.D

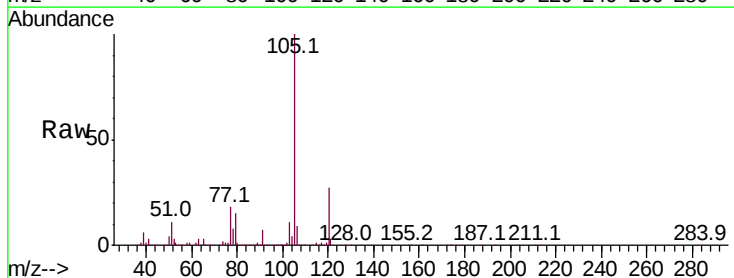
Acq: 25 Oct 2021 14:10

Tgt Ion:105 Resp: 6051497

Ion Ratio Lower Upper

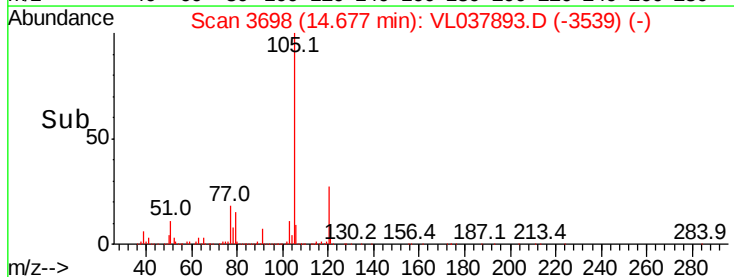
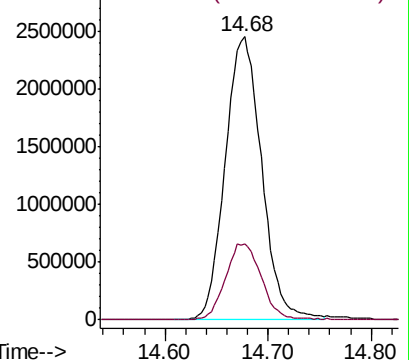
105 100

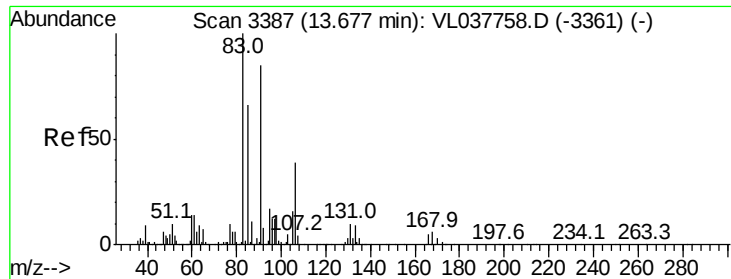
120 26.9 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



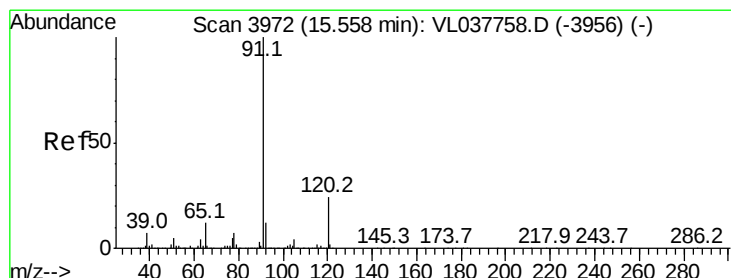
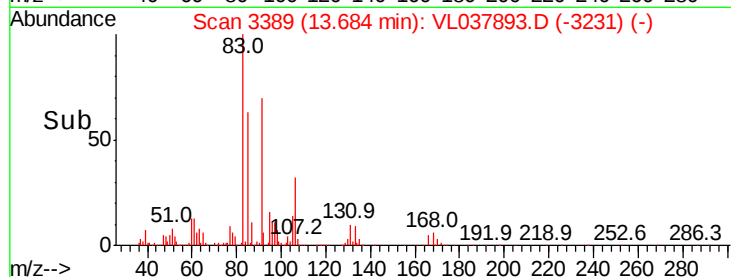
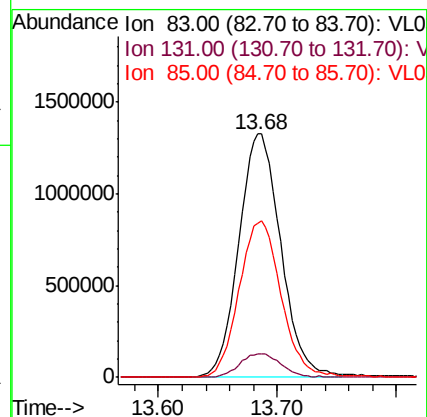
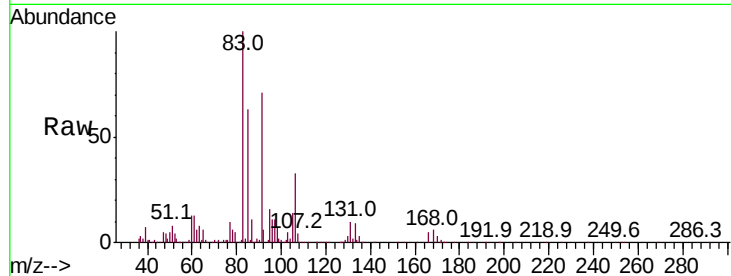


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.906 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL037758.D
 Acq: 25 Oct 2021 14:10

Manual Integrations
 APPROVED

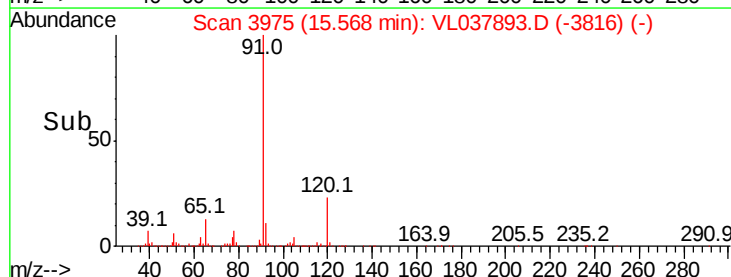
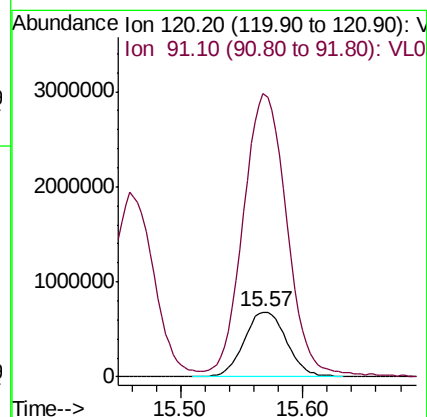
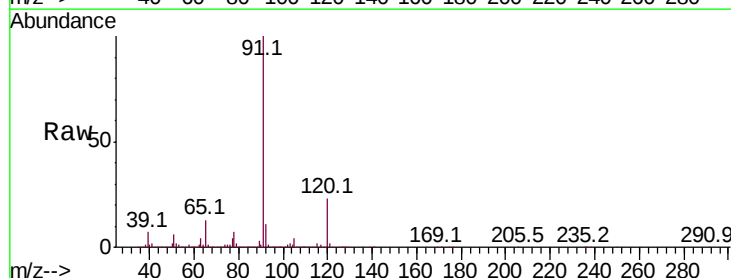
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

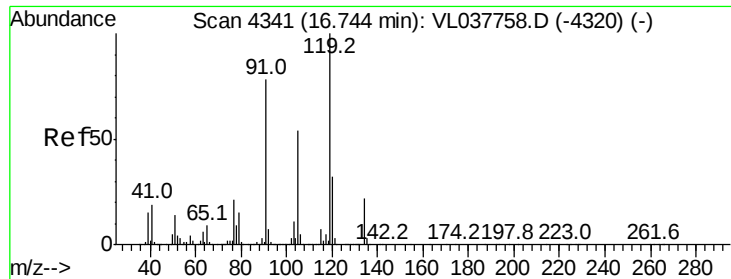
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#64
 n-propylbenzene
 Concen: 11.313 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion:120 Resp: 1651507
 Ion Ratio Lower Upper
 120 100
 91 448.4 375.0 562.6



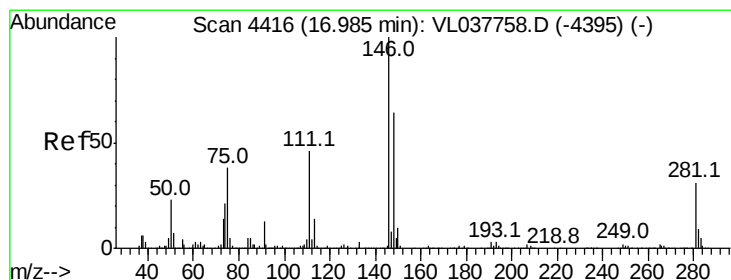
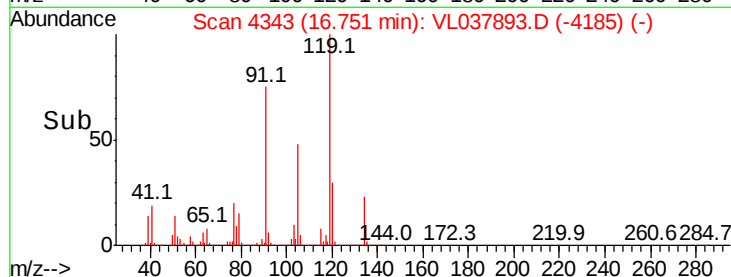
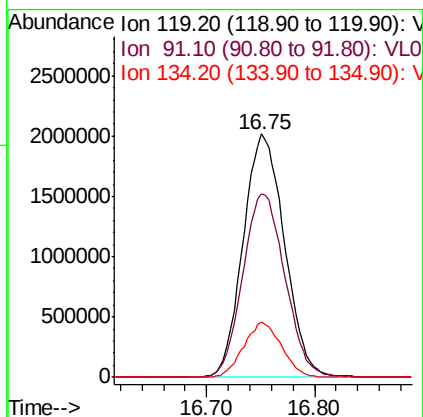
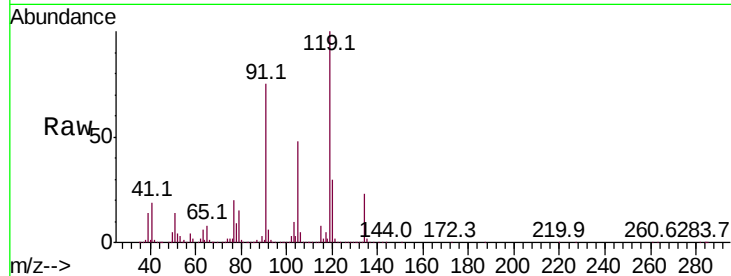


#65
tert-Butylbenzene
Concen: 10.414 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

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

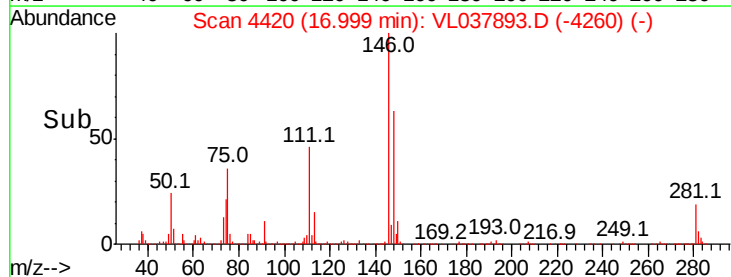
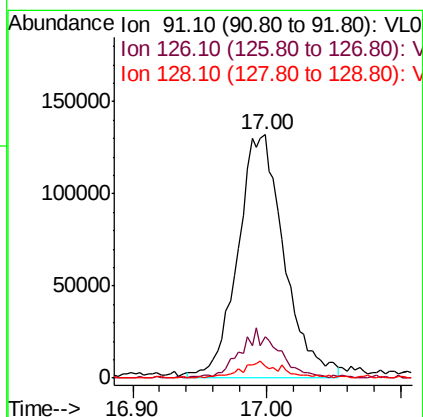
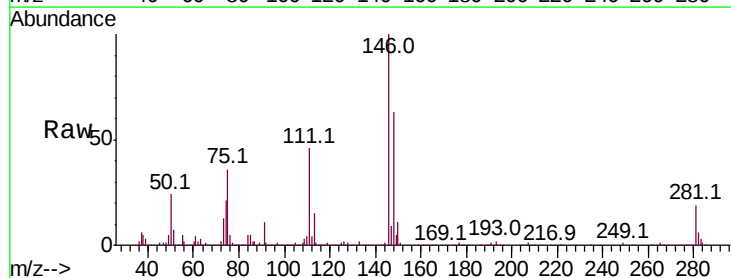
Manual Integrations
APPROVED

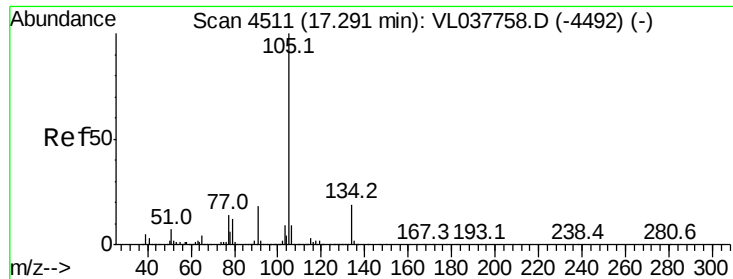
Reviewed By : Semsettin Yesilyurt 10/27/2021
Supervised By : Mahesh Dadoda 10/27/2021



#66
Benzyl Chloride
Concen: 12.509 ppbv m
RT: 17.00 min Scan# 4420
Delta R.T.: 0.01 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 318032
Ion Ratio Lower Upper
91 100
126 18.0 0.0 0.0#
128 6.7 5.3 7.9





#67

sec-Butylbenzene

Concen: 10.749 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:1

Ion Ratio

105 100

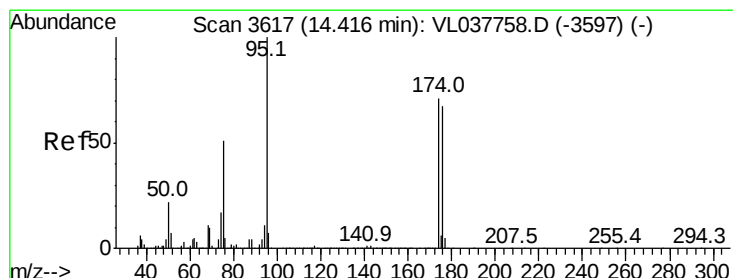
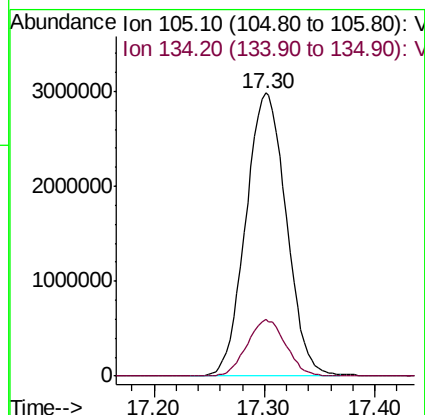
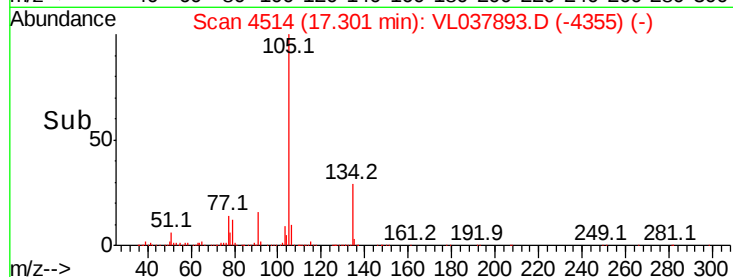
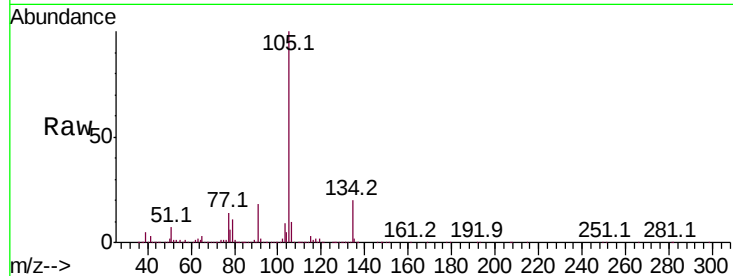
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.595 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

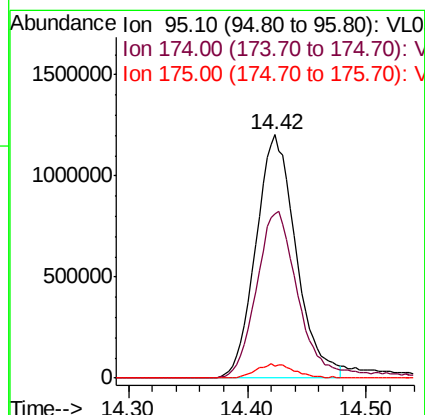
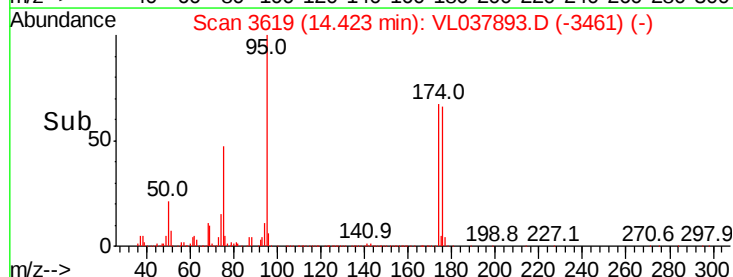
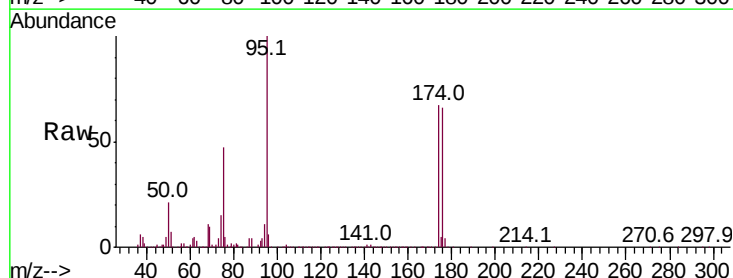
Tgt Ion: 95 Resp: 2815193

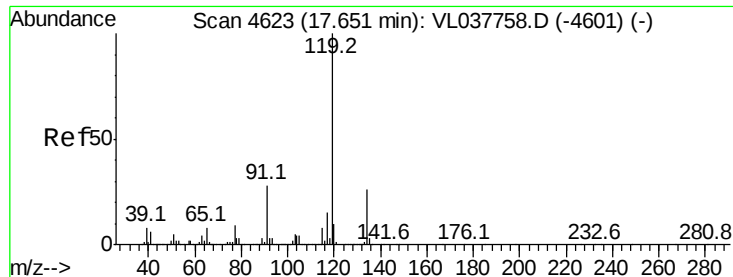
Ion Ratio Lower Upper

95 100

174 73.9 57.8 86.6

175 5.7 4.7 7.1



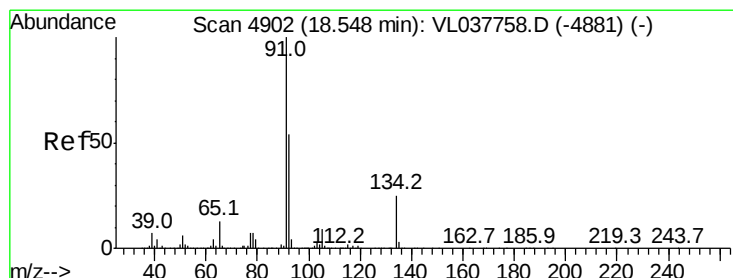
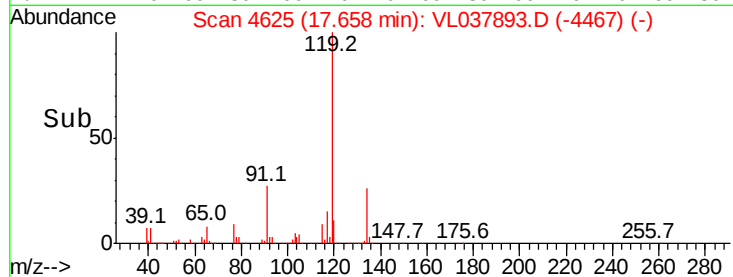
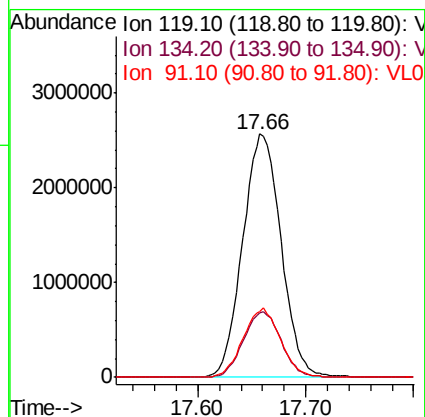
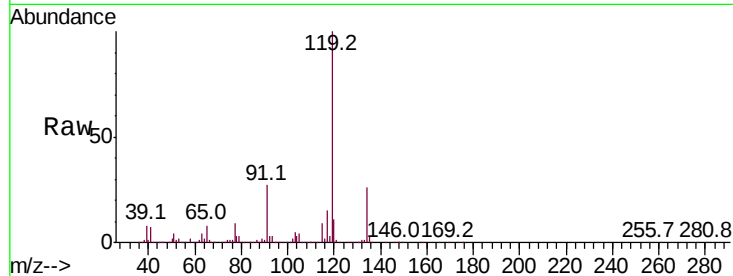


#69
 p-Isopropyltoluene
 Concen: 11.156 ppbv
 RT: 17.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Oct 2021 14:10

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

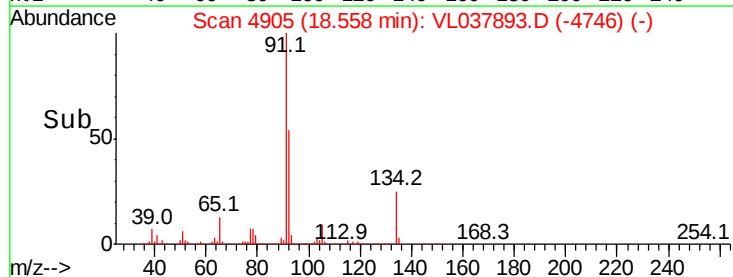
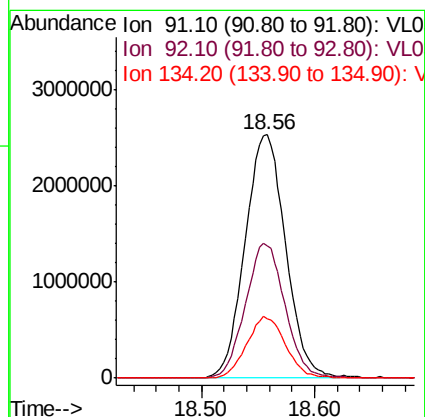
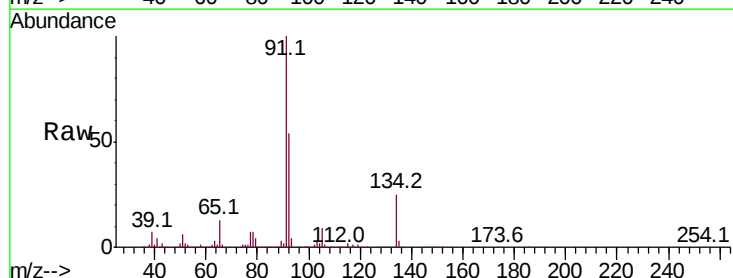
Manual Integrations
 APPROVED

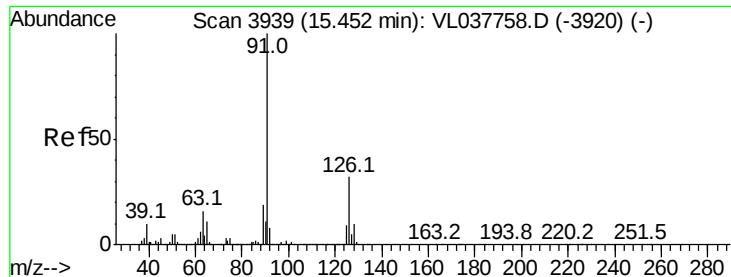
Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#70
 n-Butylbenzene
 Concen: 11.616 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.01 min
 Lab File: VL037893.D
 Acq: 25 Oct 2021 14:10

Tgt Ion: 91 Resp: 6285523
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.4 65.0
 134 24.5 19.8 29.6





#71

2-Chlorotoluene

Concen: 11.006 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

Tot Ion:

Ion Ratio

91 100

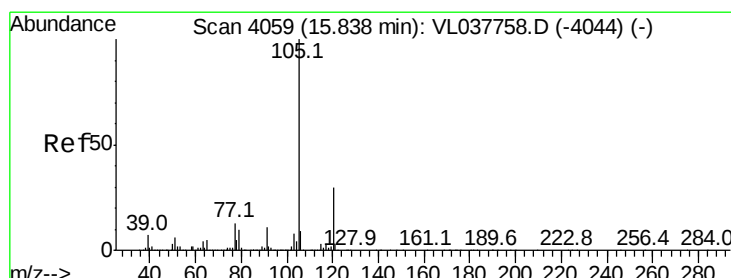
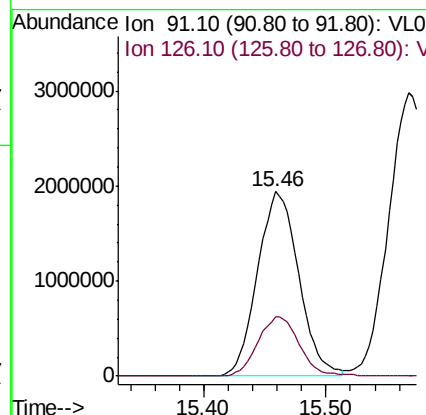
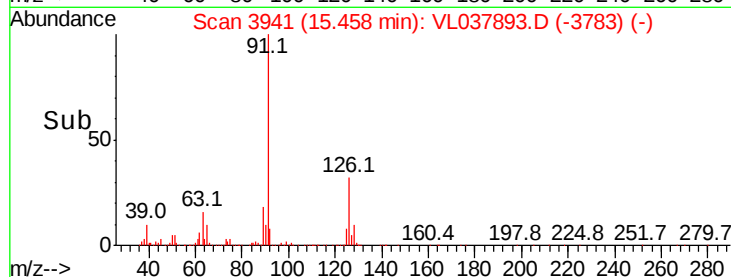
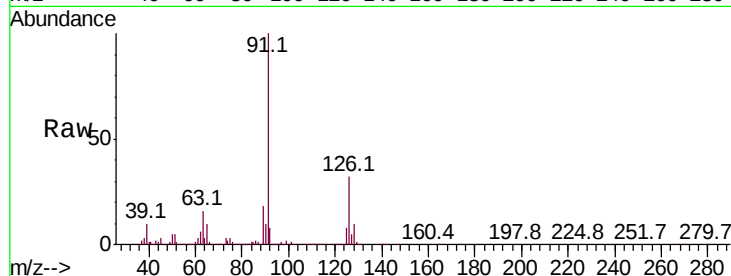
126 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#72

4-Ethyltoluene

Concen: 11.321 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion:105 Resp: 5395277

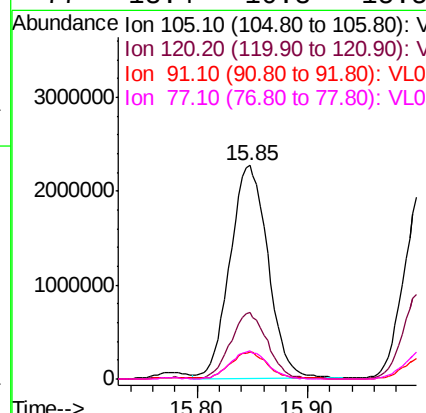
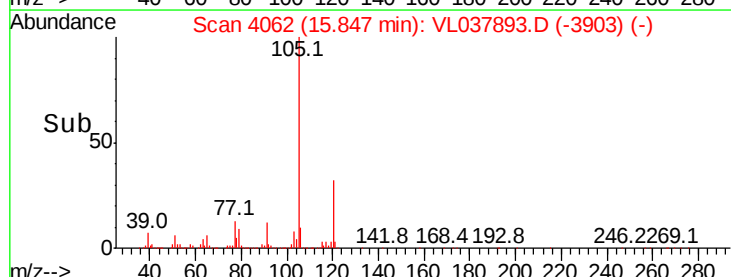
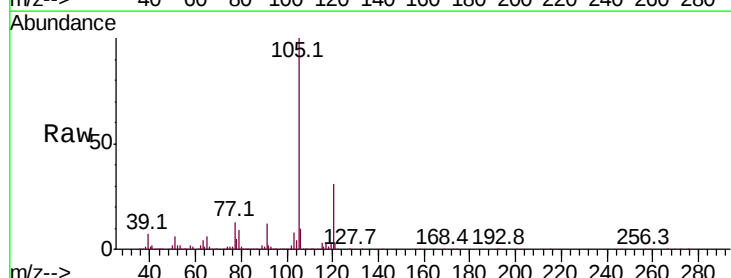
Ion Ratio Lower Upper

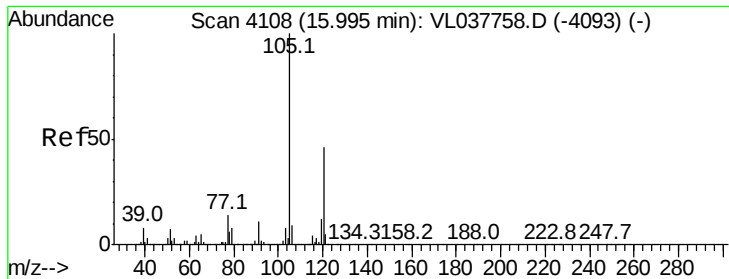
105 100

120 30.6 24.2 36.2

91 12.3 10.4 15.6

77 13.4 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 11.186 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:1

Ion Rati

105 100

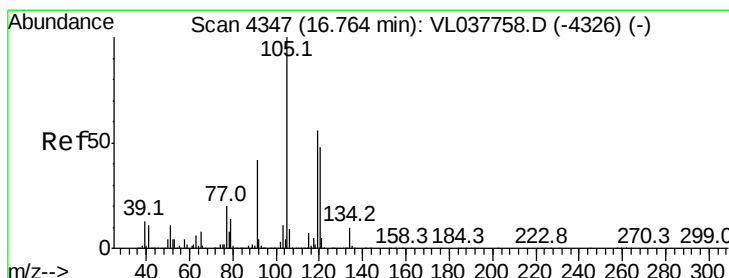
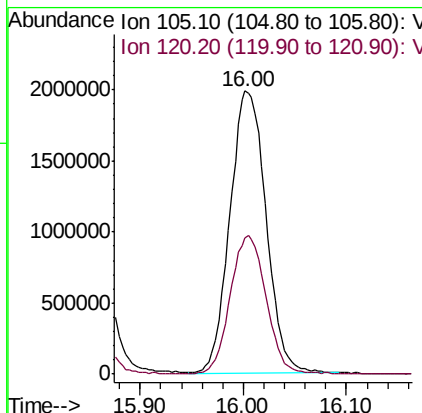
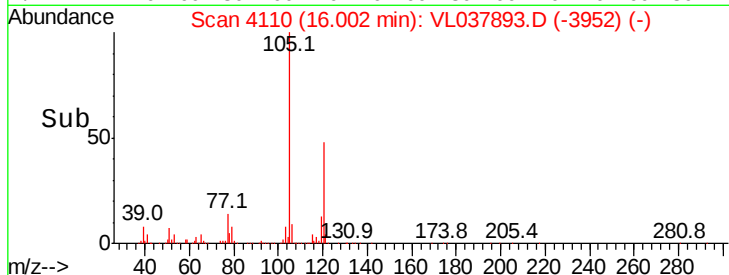
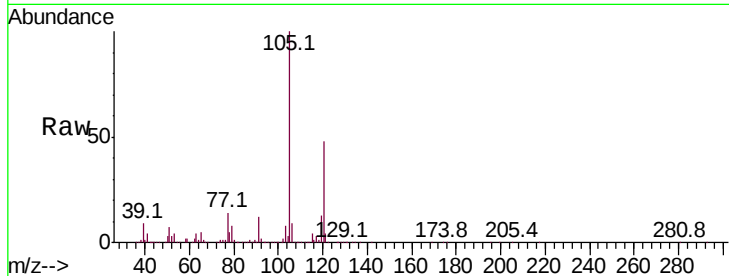
120 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.977 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion:105 Resp: 4989954

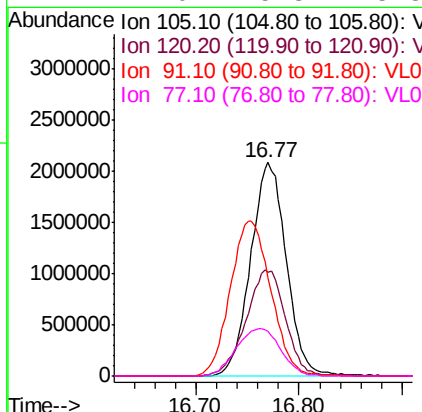
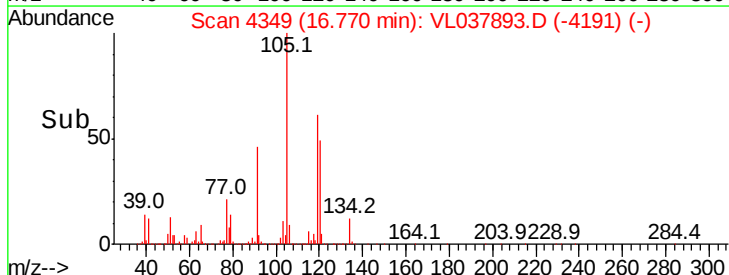
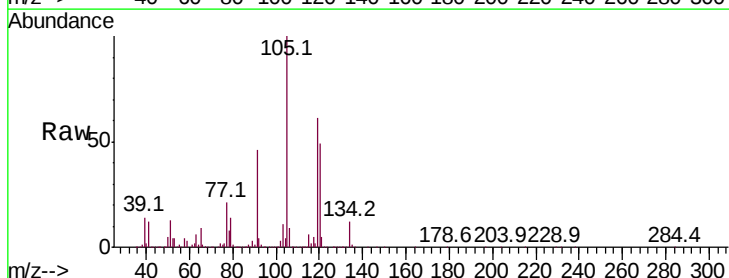
Ion Ratio Lower Upper

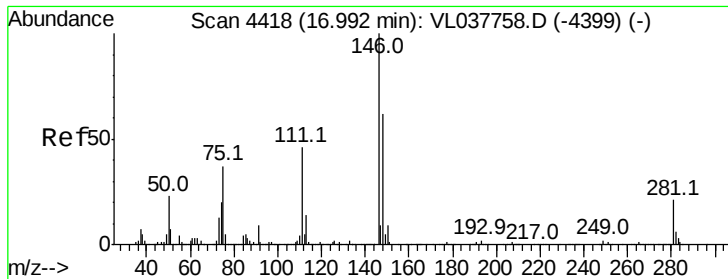
105 100

120 48.8 38.4 57.6

91 45.9 34.2 51.2

77 21.0 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 10.951 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Oct 2021 14:10

Tot Ion:1

Ion Rati

146 100

111 44.

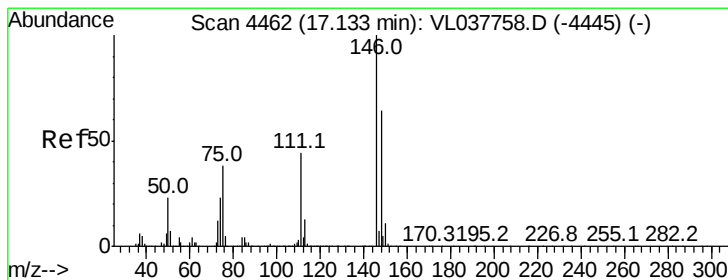
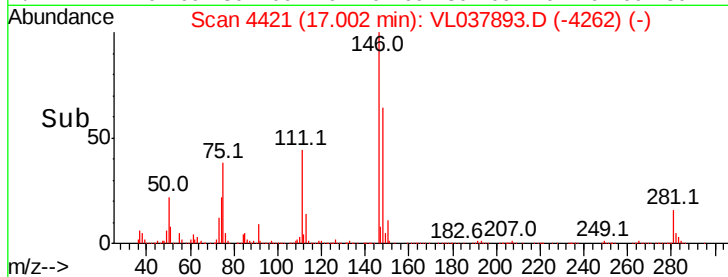
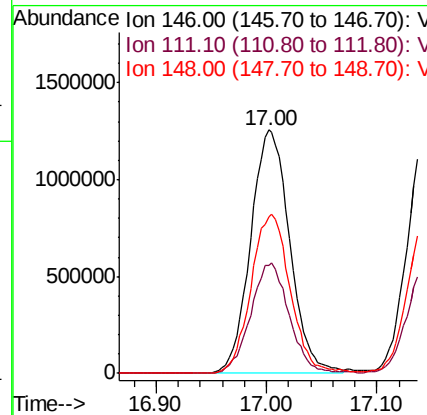
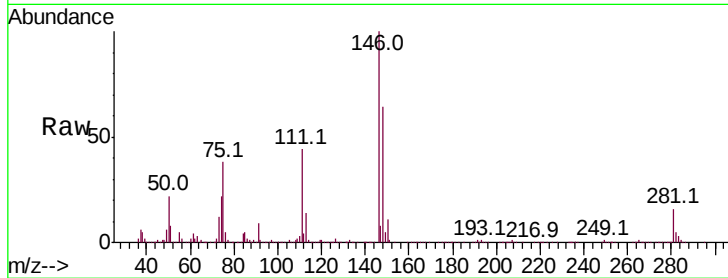
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021

Supervised By :Mahesh Dadoda 10/27/2021



#76

1,4-Dichlorobenzene

Concen: 11.159 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

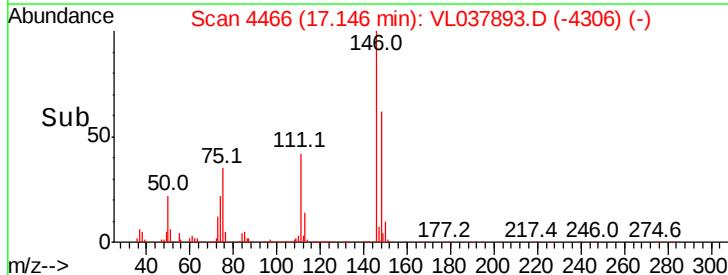
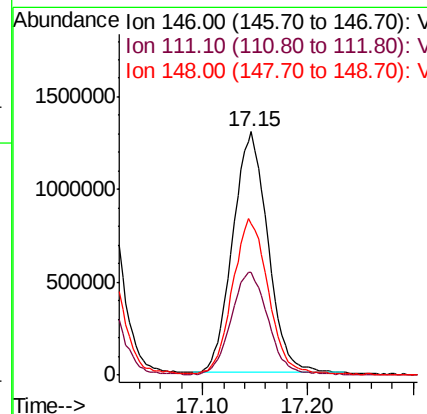
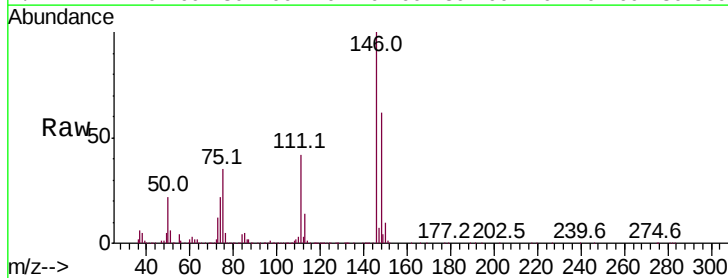
Tgt Ion:146 Resp: 2997968

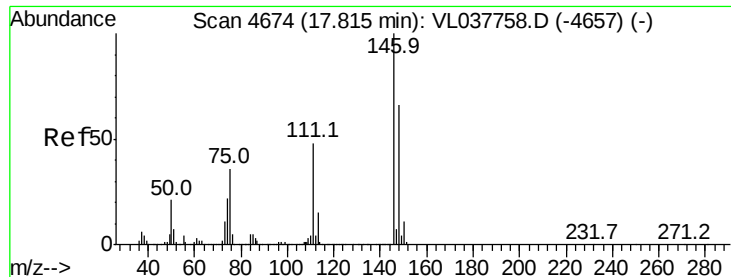
Ion Ratio Lower Upper

146 100

111 45.2 22.4 67.3

148 66.5 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 10.982 ppbv

RT: 17.82

Delta R.T. MSVOA_L

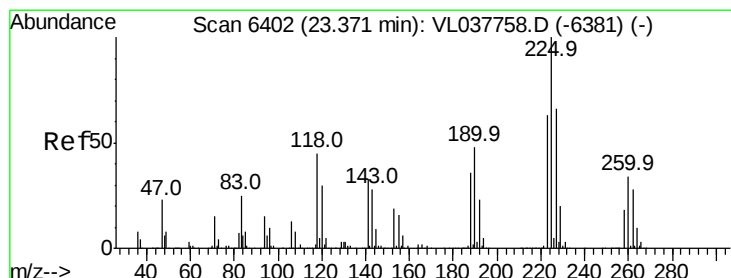
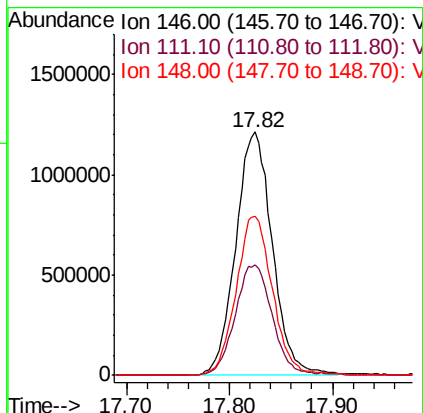
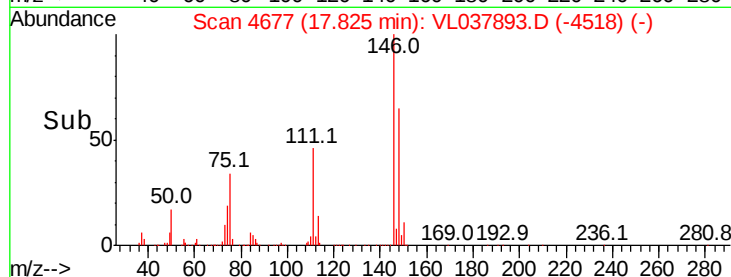
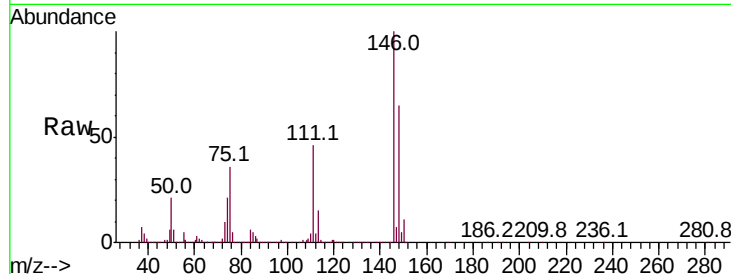
Lab File: ClientSampleId :

Acq: 25 Oct 2021 14:10

Tot Ion:1
Ion Rati
146 100
111 46.
148 65.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#78

Hexachloro-1,3-Butadiene

Concen: 9.793 ppbv

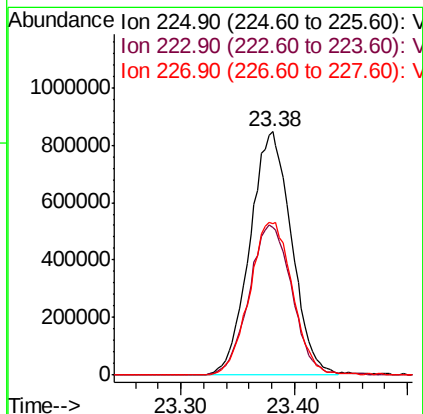
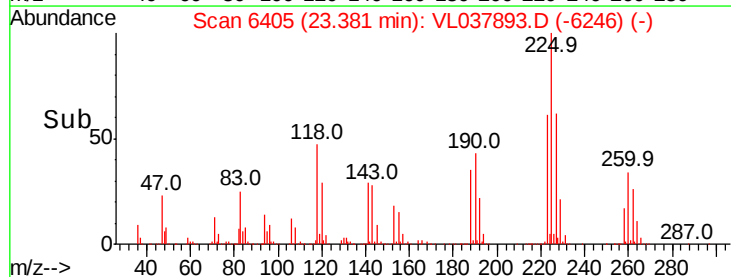
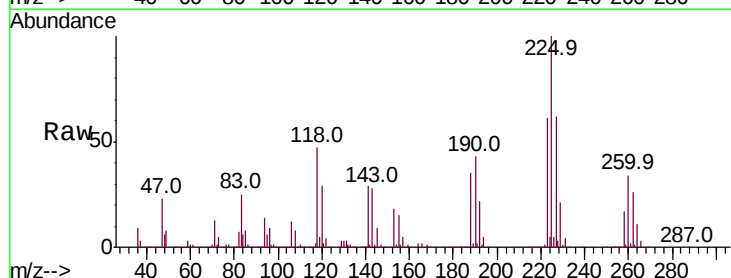
RT: 23.38 min Scan# 6405

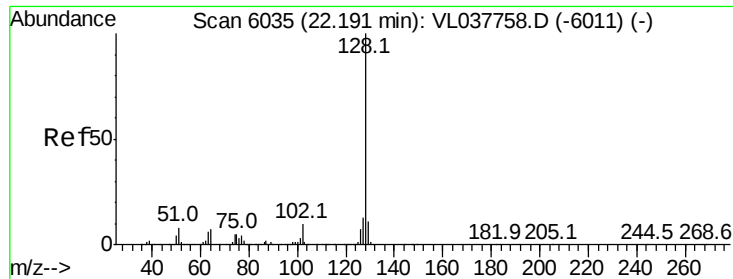
Delta R.T. 0.01 min

Lab File: VL037893.D

Acq: 25 Oct 2021 14:10

Tgt Ion:225 Resp: 2163345
Ion Ratio Lower Upper
225 100
223 63.7 51.2 76.8
227 65.3 51.1 76.7



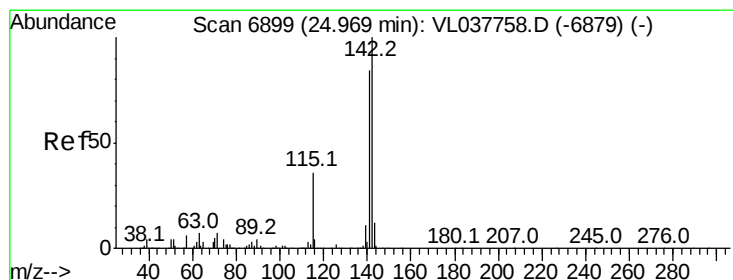
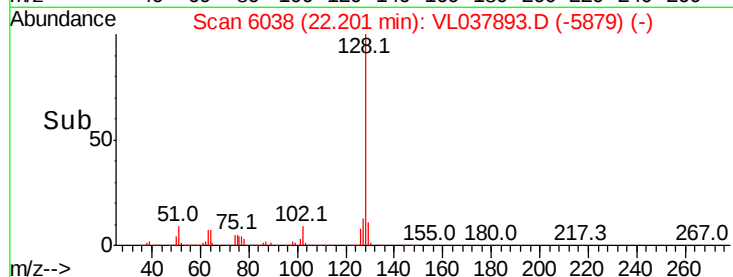
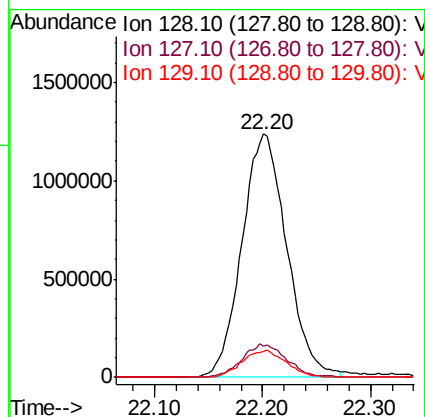
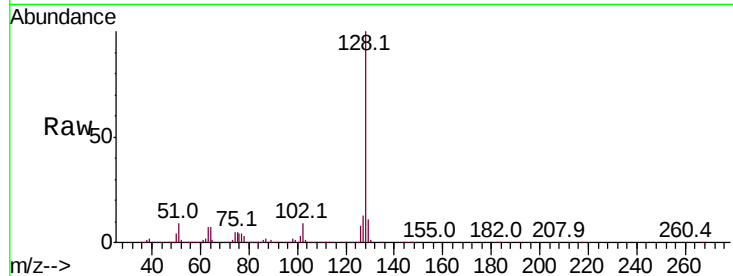


#79
Naphthalene
Concen: 12.814 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Oct 2021 14:10

Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

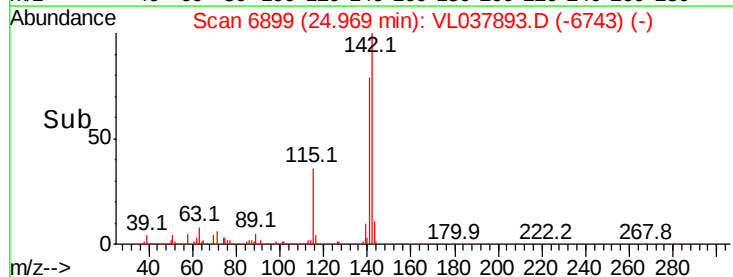
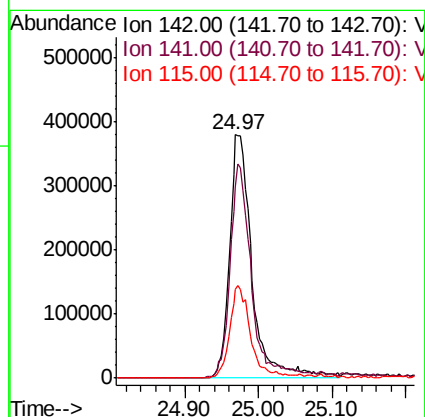
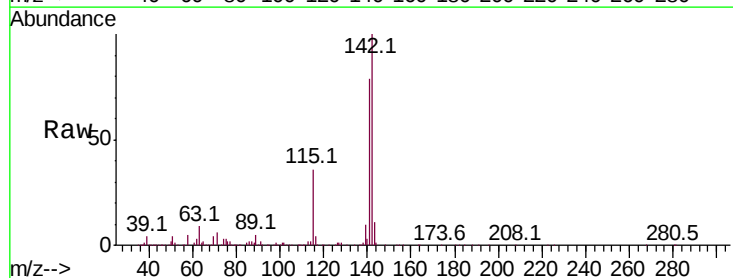
Manual Integrations
APPROVED

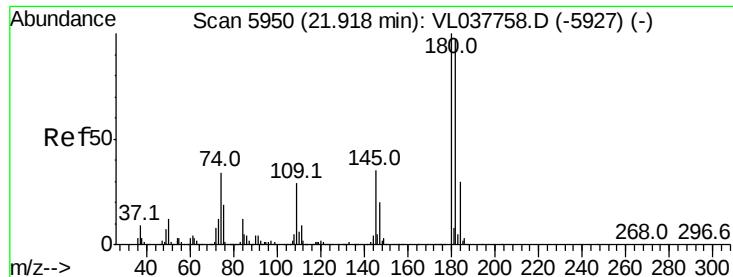
Reviewed By :Semsettin Yesilyurt 10/27/2021
Supervised By :Mahesh Dadoda 10/27/2021



#80
Naphthalene, 2-methyl-
Concen: 10.768 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.00 min
Lab File: VL037893.D
Acq: 25 Oct 2021 14:10

Tgt Ion:142 Resp: 804943
Ion Ratio Lower Upper
142 100
141 84.3 68.6 102.8
115 35.9 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.252 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1025ABS01
 Acq: 25 Oct 2021 14:10

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/27/2021
 Supervised By :Mahesh Dadoda 10/27/2021

