

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\
 Data File : VL037909.D
 Acq On : 27 Oct 2021 9:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Oct 28 08:47:31 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1546783	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	4596527	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	4209434m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2872644	9.76	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.07	85	1733625m	7.017	ppbv
3) Chlorodifluoromethane	3.01	51	2667366	8.975	ppbv 100
4) Chloromethane	3.16	50	1017232	9.345	ppbv 94
5) Vinyl Chloride	3.28	62	1019683	10.219	ppbv 97
6) Bromomethane	3.50	94	495622	9.182	ppbv 97
7) Chloroethane	3.58	64	351160	9.571	ppbv 93
8) Dichlorotetrafluoroethane	3.21	85	2246445	9.199	ppbv 98
9) Propene	3.03	41	977882	8.942	ppbv 99
10) Heptane	8.15	43	2489267	10.023	ppbv 100
11) Trichlorofluoromethane	3.97	101	2068619	9.385	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1622836	9.717	ppbv 99
13) Ethanol	3.63	45	85170m	9.524	ppbv
14) Bromoethene	3.76	108	708040	9.642	ppbv 93
15) Acetone	3.87	43	1484568	10.692	ppbv 99
16) 1,3-Butadiene	3.35	39	976973	9.670	ppbv 98
17) tert-Butyl alcohol	4.31	59	1458449	10.198	ppbv 98
18) 1,1-Dichloroethene	4.31	96	727158	9.580	ppbv 99
19) Isopropyl Alcohol	3.99	45	805148	9.320	ppbv # 95
20) Methylene Chloride	4.37	84	617314	8.799	ppbv 97
21) Allyl Chloride	4.44	41	1157104	9.406	ppbv 99
22) trans-1,2-Dichloroethene	4.91	96	739778	9.695	ppbv 98
23) Vinyl Acetate	5.10	43	1910810	9.183	ppbv 99
24) 1,1-Dichloroethane	5.04	63	1493435	9.859	ppbv 99
25) Ethyl Acetate	5.70	43	3789857	9.727	ppbv 99
26) Hexane	5.71	57	1779861	9.277	ppbv 98
27) Carbon Disulfide	4.57	76	1809544	10.642	ppbv 98
28) Methyl tert-Butyl Ether	5.06	73	1456176	9.116	ppbv 100
29) Chloroform	5.78	83	2514838	9.170	ppbv 99
30) Cyclohexane	7.16	84	1524910	9.373	ppbv 98
31) cis-1,2-Dichloroethene	5.57	61	1639965	9.415	ppbv 98
32) 1,1,1-Trichloroethane	6.54	97	2425120	9.327	ppbv 99
34) 2-Butanone	5.27	43	1671860	9.010	ppbv 99
35) Carbon Tetrachloride	7.04	117	2538292	9.723	ppbv 99
36) Benzene	6.92	78	3761667	9.581	ppbv 98
37) 1,2-Dichloroethane	6.34	62	1754504	9.491	ppbv 99
38) Trichloroethene	7.86	130	1513578	9.758	ppbv 97
39) 1,2-Dichloropropane	7.64	63	1425624	9.654	ppbv 97
40) 1,4-Dioxane	7.86	88	282195m	7.637	ppbv
41) Tetrahydrofuran	6.08	42	853198	9.390	ppbv 99
42) Bromodichloromethane	7.82	83	2701884	9.950	ppbv 99
43) Methyl Methacrylate	8.04	69	1365142	10.646	ppbv 96

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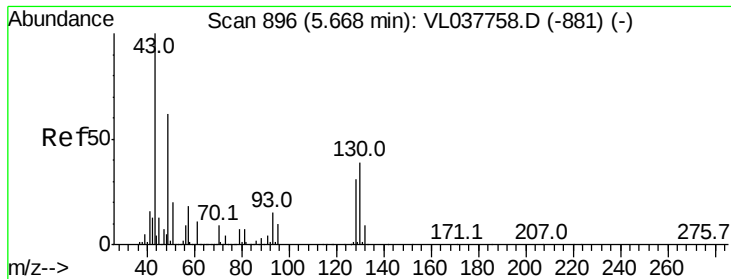
Manual Integrations
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 Supervised By : Mahesh Dadoda 10/29/2021

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	6232342	9.448	ppbv	99
45) t-1,3-Dichloropropene	9.31	75	883065	10.008	ppbv	100
46) cis-1,3-Dichloropropene	8.73	75	1272620	10.406	ppbv	99
47) 1,1,2-Trichloroethane	9.50	97	1516613	9.447	ppbv	97
48) Dibromochloromethane	10.33	129	2373949	10.373	ppbv	99
49) Bromoform	13.07	173	1940013	11.079	ppbv	96
50) 4-Methyl-2-Pentanone	8.77	43	2445243	10.122	ppbv	99
51) 2-Hexanone	10.16	43	1125686	10.438	ppbv #	99
52) Tetrachloroethene	11.26	164	1360690	8.908	ppbv	98
53) Toluene	9.83	91	4326836	9.945	ppbv	100
54) 1,2-Dibromoethane	10.64	107	2111352	9.736	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.16	131	1658410	9.517	ppbv	95
57) Chlorobenzene	12.18	112	3240059	9.383	ppbv	96
58) Ethyl Benzene	12.74	91	5546391	9.812	ppbv	99
59) m/p-Xylene	13.02	91	9372275m	19.316	ppbv	
60) o-Xylene	13.72	91	4353924	9.364	ppbv	98
61) Styrene	13.55	104	2421544	10.766	ppbv	100
62) Isopropylbenzene	14.70	105	6110238	9.421	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.70	83	3098274	8.635	ppbv	96
64) n-propylbenzene	15.59	120	1647440	10.186	ppbv	100
65) tert-Butylbenzene	16.77	119	5430421	9.515	ppbv	99
66) Benzyl Chloride	17.01	91	279779	9.933	ppbv #	99
67) sec-Butylbenzene	17.32	105	7573307	9.702	ppbv	100
69) p-Isopropyltoluene	17.68	119	6332579	10.035	ppbv	100
70) n-Butylbenzene	18.57	91	6318054	10.539	ppbv	99
71) 2-Chlorotoluene	15.48	91	4431323	9.675	ppbv	98
72) 4-Ethyltoluene	15.87	105	5578089	10.565	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	4926610	10.273	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	5034653	9.997	ppbv	94
75) 1,3-Dichlorobenzene	17.02	146	3105796	9.954	ppbv	99
76) 1,4-Dichlorobenzene	17.16	146	2832753	9.517	ppbv	96
77) 1,2-Dichlorobenzene	17.84	146	2955668	9.861	ppbv	100
78) Hexachloro-1,3-Butadiene	23.40	225	2237678	9.143	ppbv	100
79) Naphthalene	22.22	128	3770777	12.226	ppbv	99
80) Naphthalene, 2-methyl-	24.99	142	962345	11.620	ppbv	99
81) 1,2,4-Trichlorobenzene	21.95	180	2257117	11.442	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

49 100

128 54.

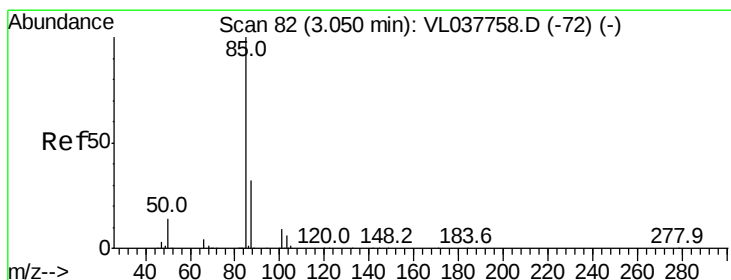
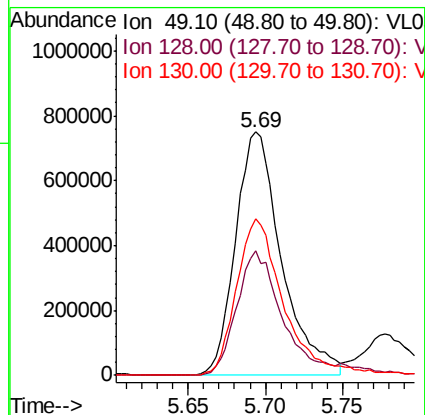
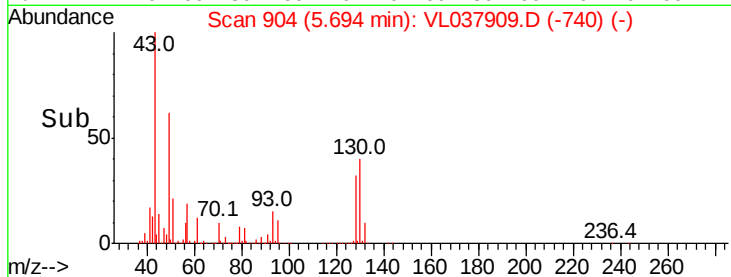
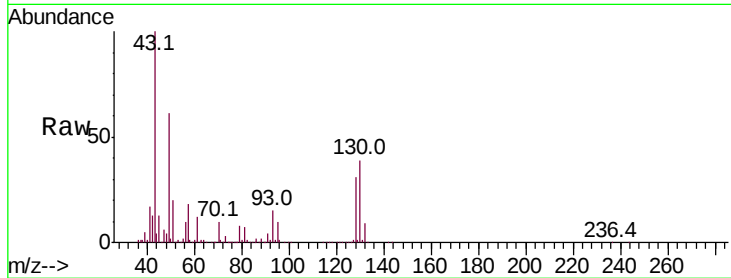
130 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#2

Dichlorodifluoromethane

Concen: 7.017 ppbv m

RT: 3.07 min Scan# 88

Delta R.T. 0.02 min

Lab File: VL037909.D

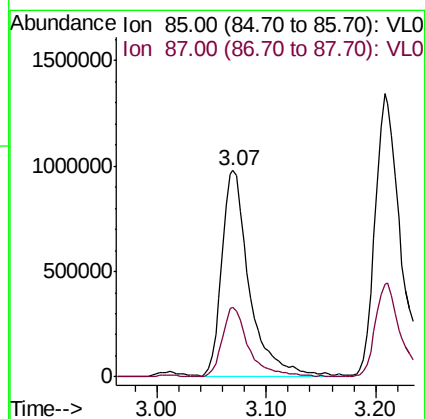
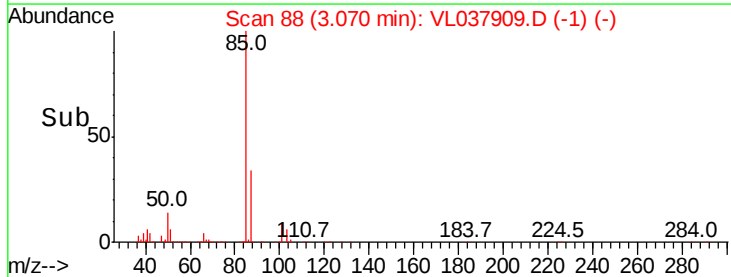
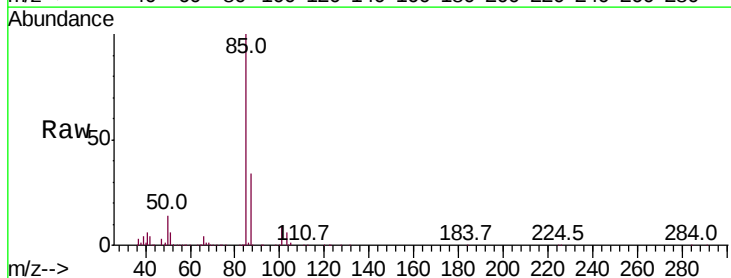
Acq: 27 Oct 2021 9:10

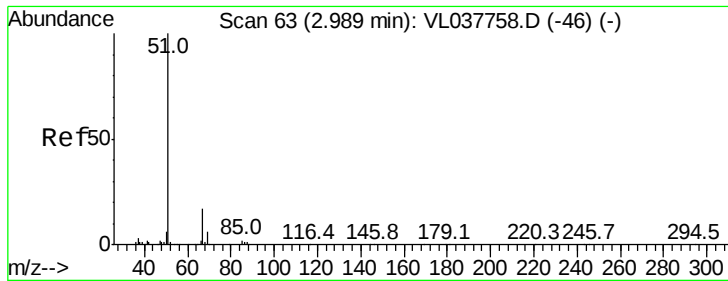
Tgt Ion: 85 Resp: 1733625

Ion Ratio Lower Upper

85 100

87 33.8 25.7 38.5





#3

Chlorodifluoromethane

Concen: 8.975 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

51 100

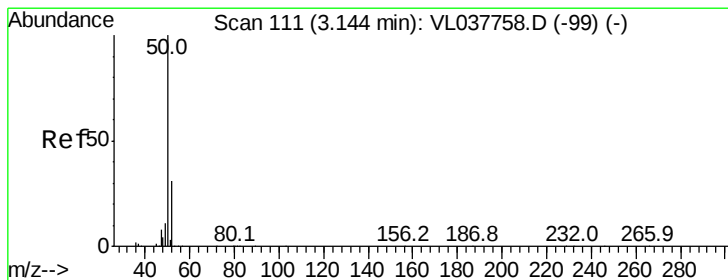
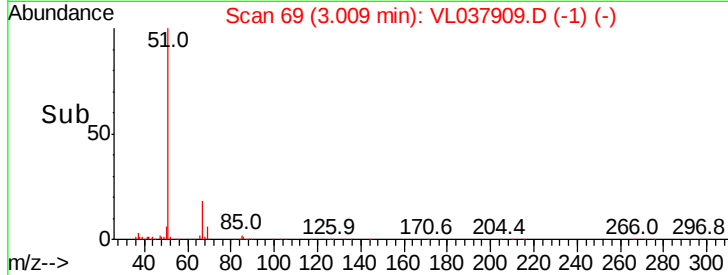
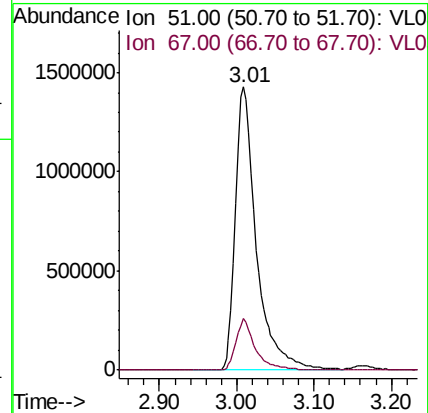
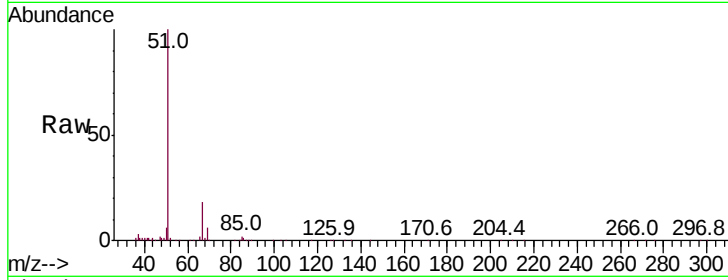
67 16.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/29/2021



#4

Chloromethane

Concen: 9.345 ppbv

RT: 3.16 min Scan# 117

Delta R.T. 0.02 min

Lab File: VL037909.D

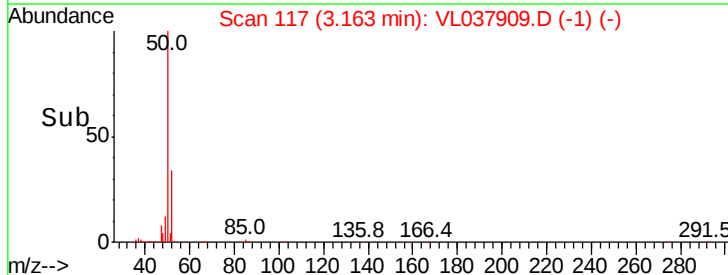
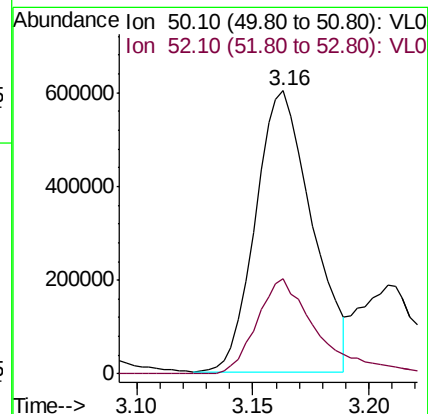
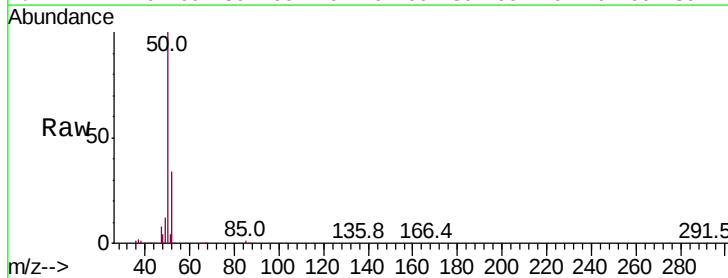
Acq: 27 Oct 2021 9:10

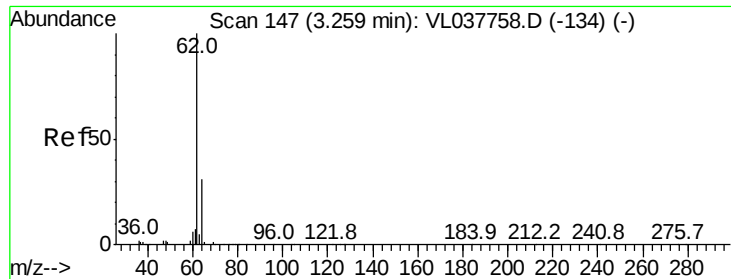
Tgt Ion: 50 Resp: 1017232

Ion Ratio Lower Upper

50 100

52 33.9 24.4 36.6





#5

Vinyl Chloride

Concen: 10.219 ppbv

RT: 3.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

62 100

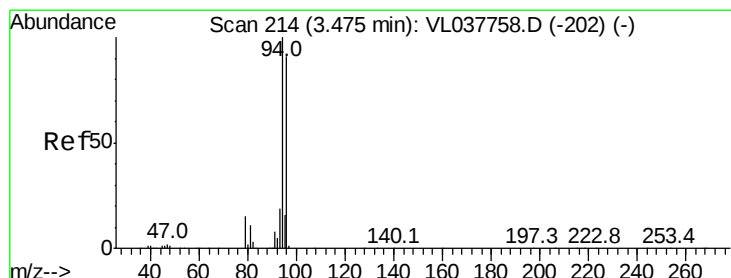
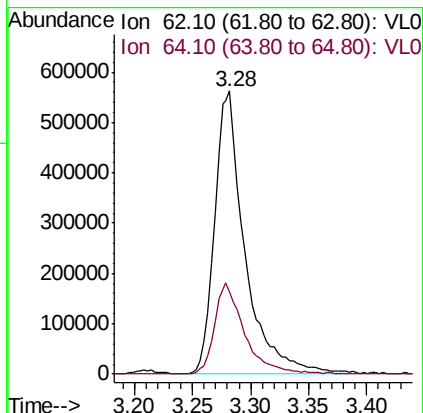
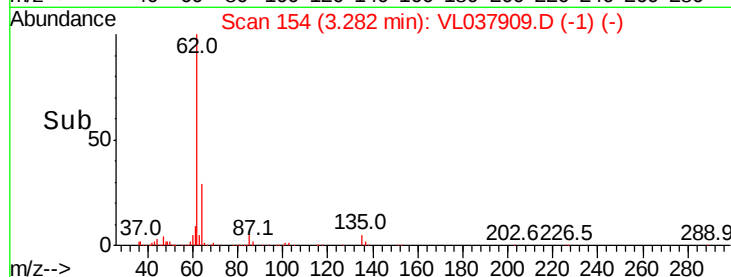
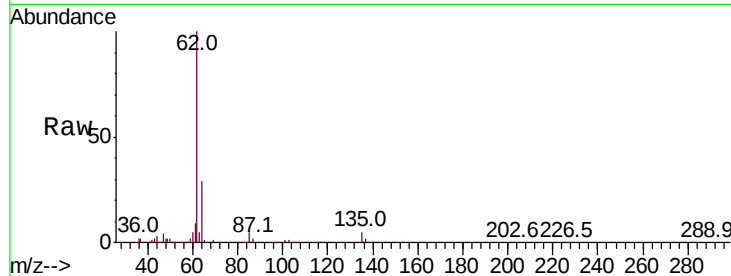
64 29.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/29/2021



#6

Bromomethane

Concen: 9.182 ppbv

RT: 3.50 min Scan# 221

Delta R.T. 0.02 min

Lab File: VL037909.D

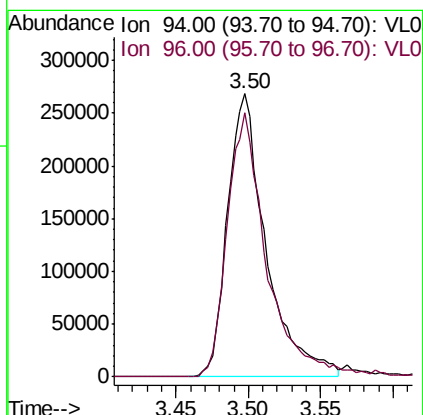
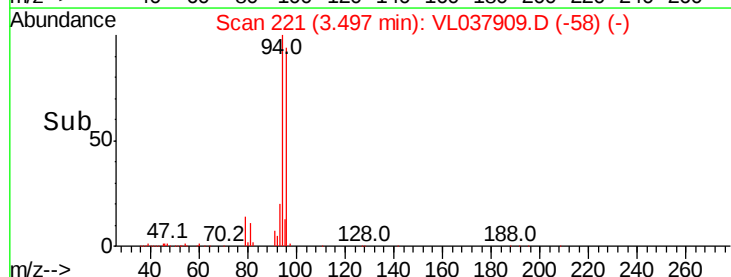
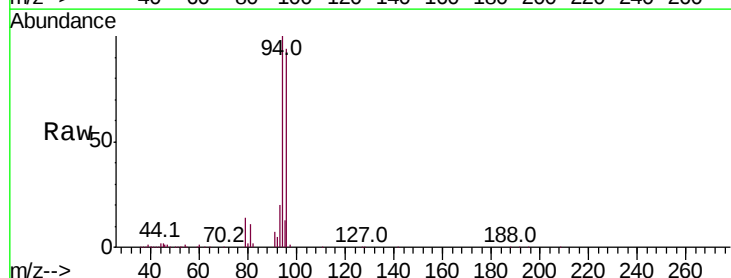
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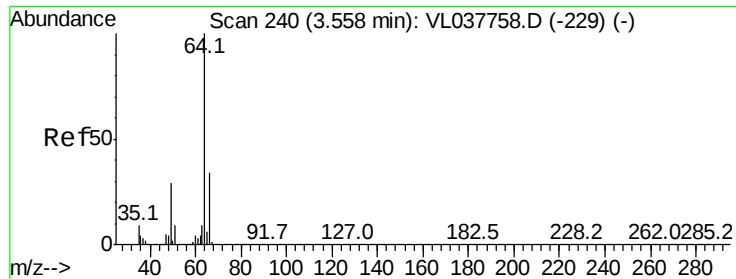
Tgt Ion: 94 Resp: 495622

Ion Ratio Lower Upper

94 100

96 93.4 72.5 108.7





#7

Chloroethane

Concen: 9.571 ppbv

RT: 3.58 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

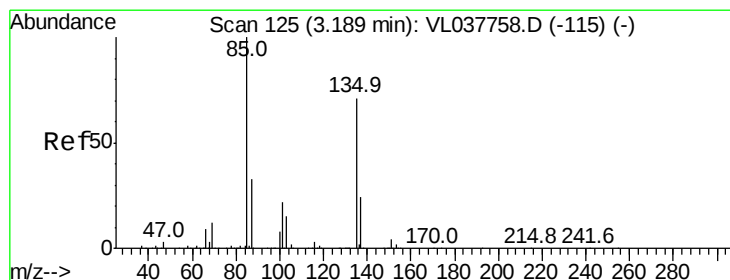
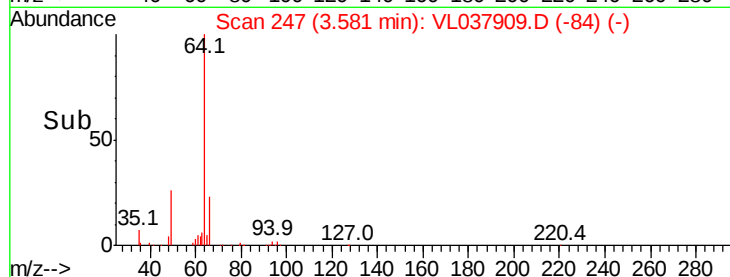
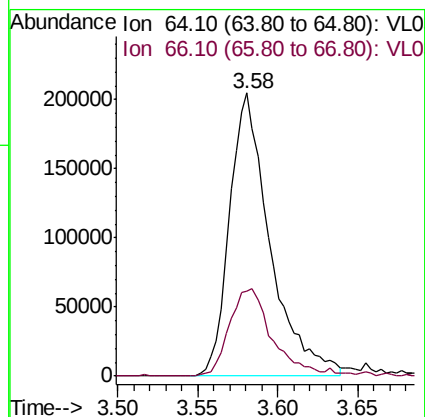
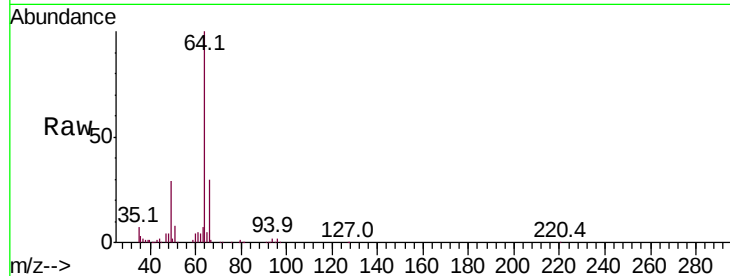
66 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.199 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.02 min

Lab File: VL037909.D

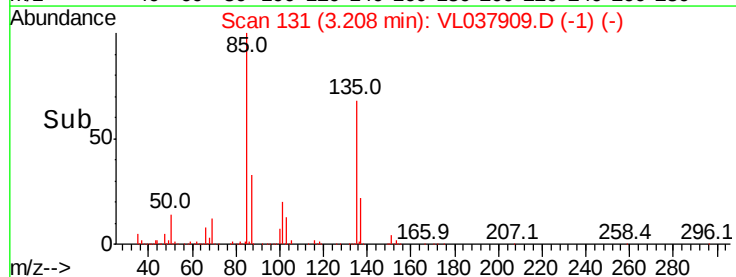
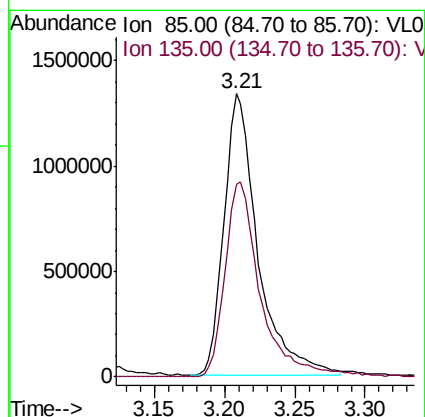
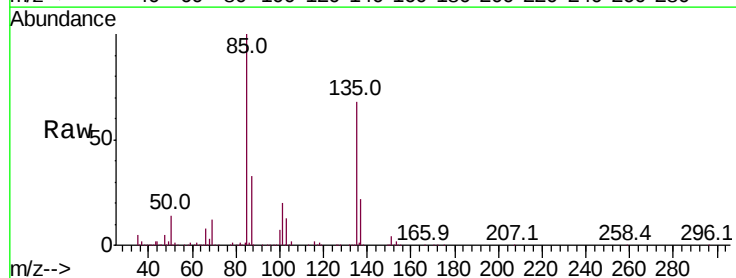
Acq: 27 Oct 2021 9:10

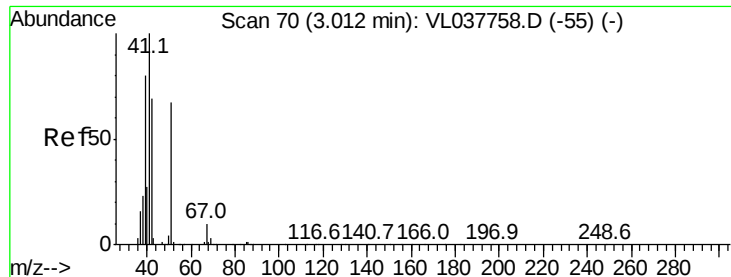
Tgt Ion: 85 Resp: 2246445

Ion Ratio Lower Upper

85 100

135 73.1 59.5 89.3



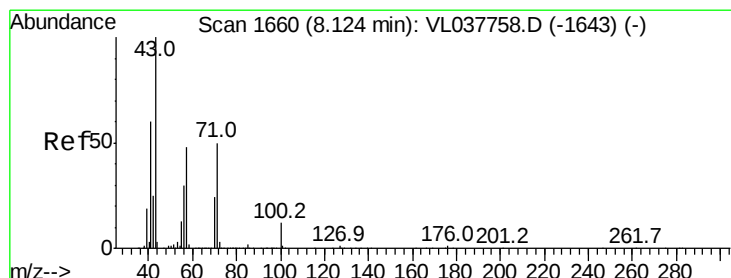
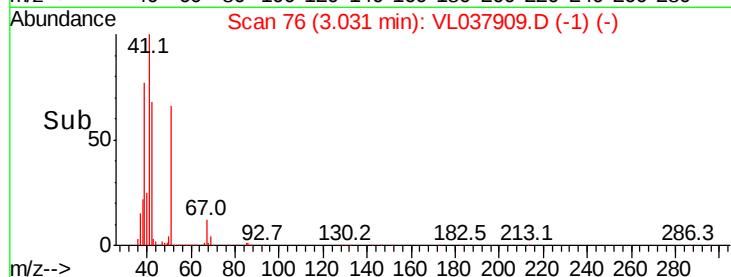
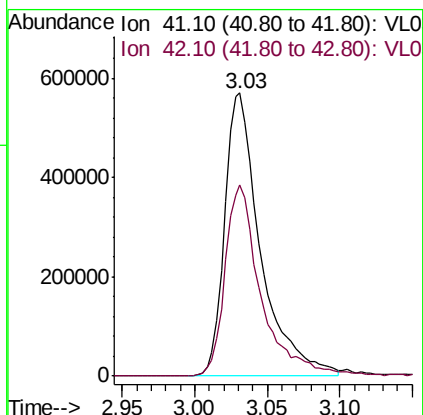
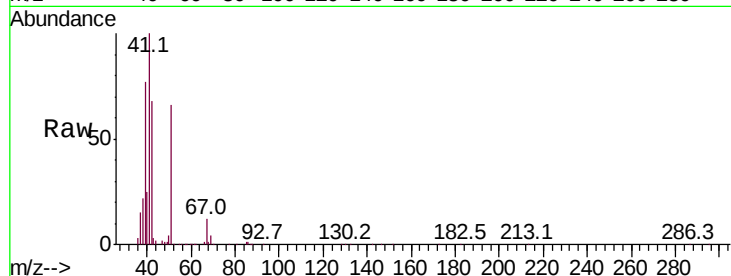


#9
 Propene
 Concen: 8.942 ppbv
 RT: 3.03
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 9:10

Tot Ion:
 Ion Ratio
 41 100
 42 68.

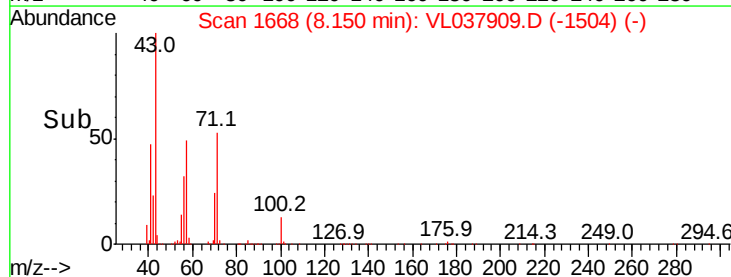
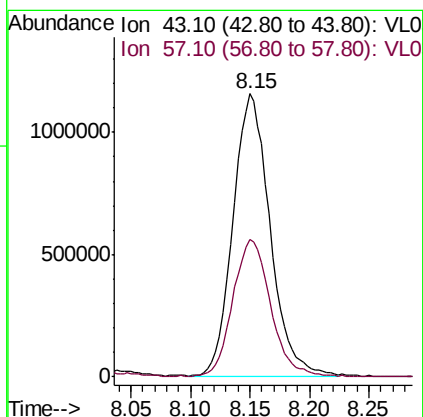
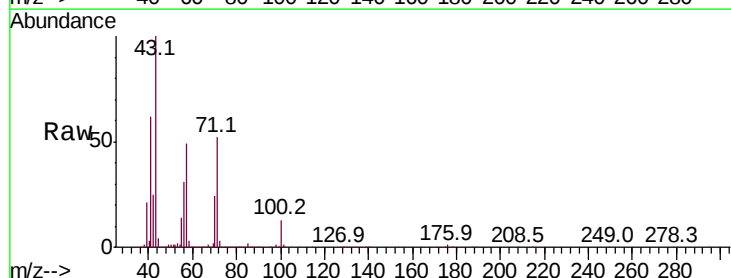
Manual Integrations
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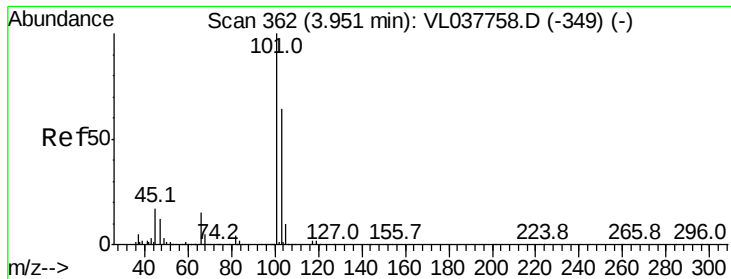
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#10
 Heptane
 Concen: 10.023 ppbv
 RT: 8.15 min Scan# 1668
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion: 43 Resp: 2489267
 Ion Ratio Lower Upper
 43 100
 57 50.0 40.0 60.0





#11

Trichlorofluoromethane

Concen: 9.385 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:1

Ion Ratio

101 100

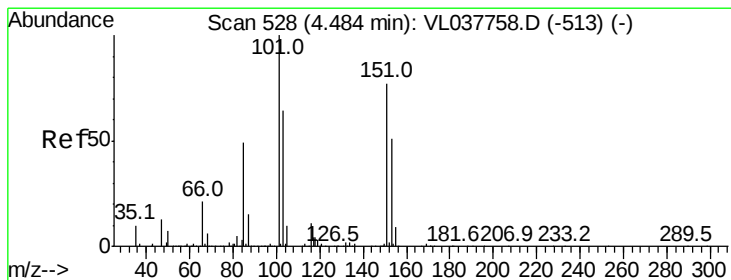
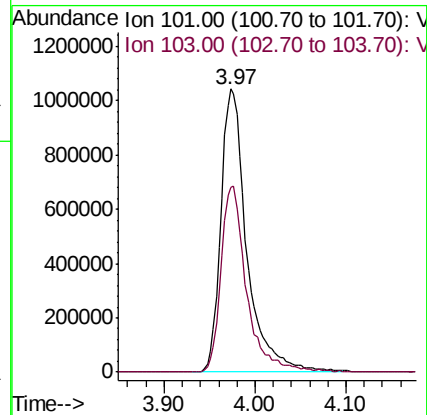
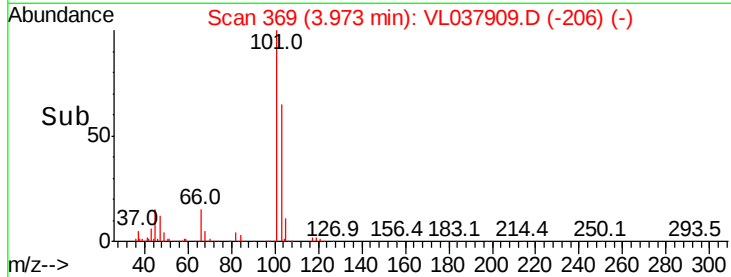
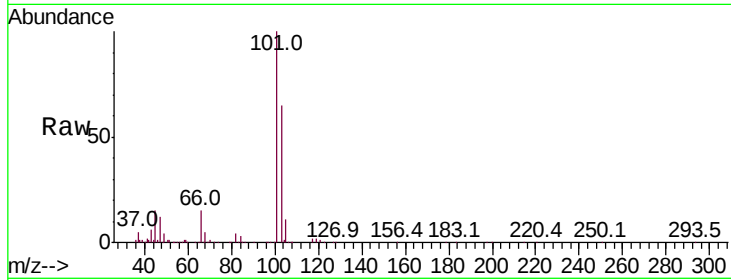
103 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.717 ppbv

RT: 4.51 min Scan# 536

Delta R.T. 0.03 min

Lab File: VL037909.D

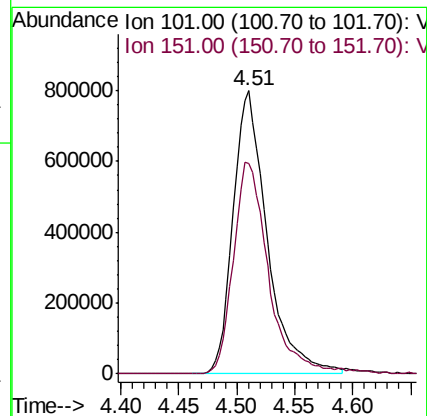
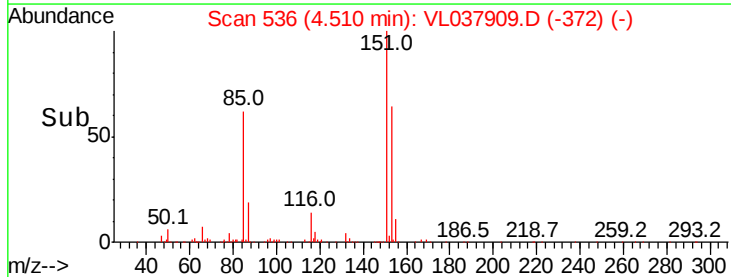
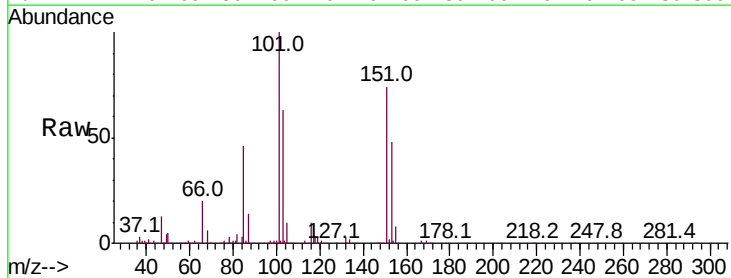
Acq: 27 Oct 2021 9:10

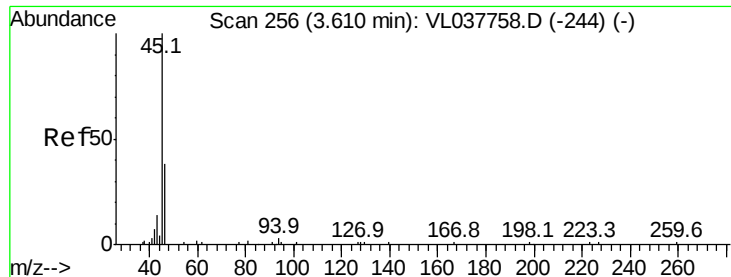
Tgt Ion:101 Resp: 1622836

Ion Ratio Lower Upper

101 100

151 78.1 62.9 94.3



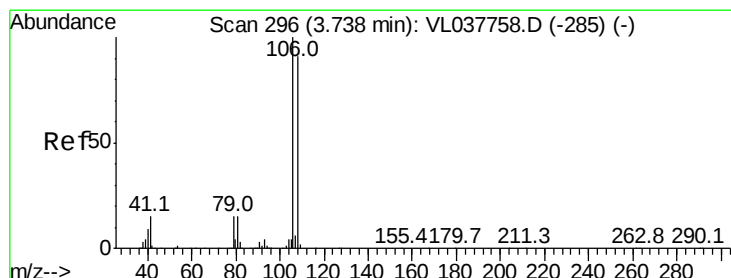
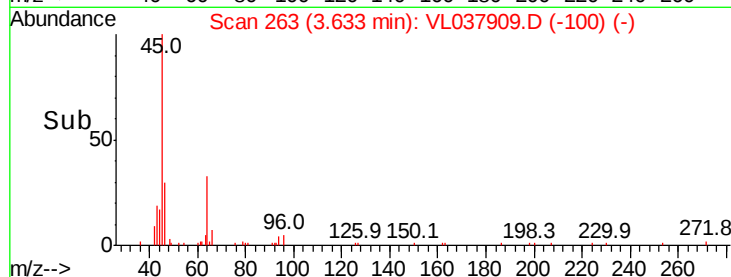
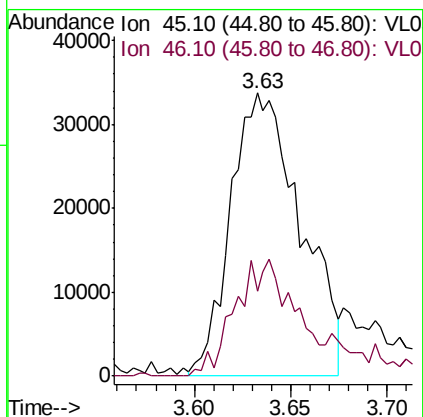
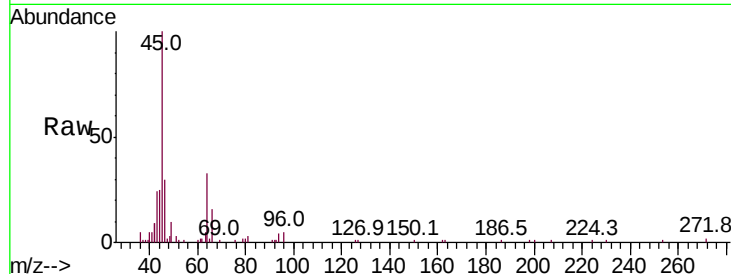


#13
Ethanol
Concen: 9.524 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
45 100
46 44.

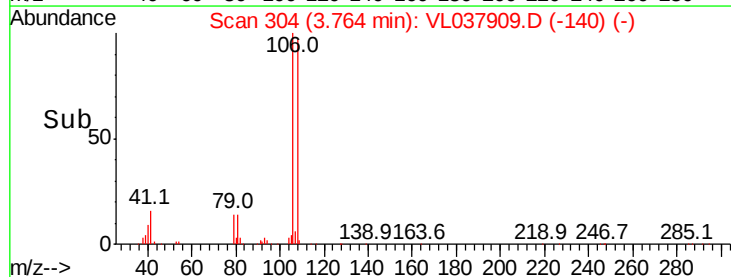
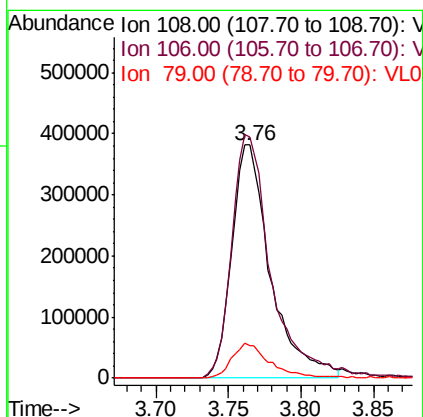
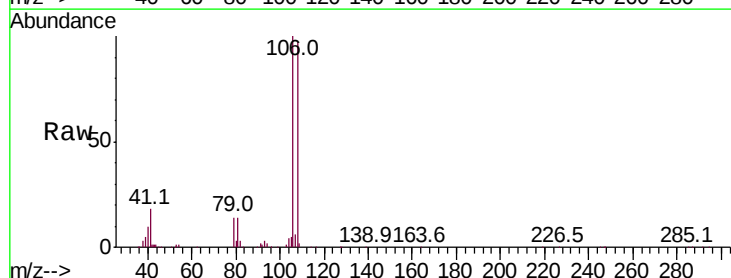
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APPROVED

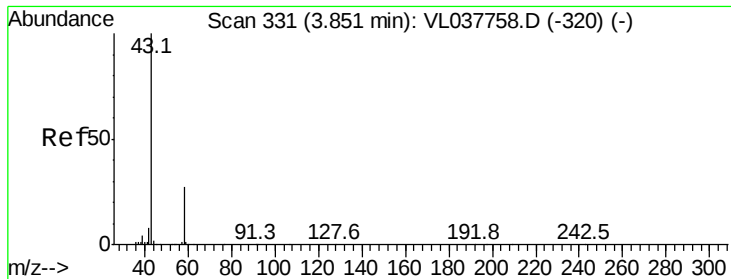
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#14
Bromoethene
Concen: 9.642 ppbv
RT: 3.76 min Scan# 304
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion:108 Resp: 708040
Ion Ratio Lower Upper
108 100
106 107.6 91.9 137.9
79 15.1 13.9 20.9





#15

Acetone

Concen: 10.692 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

43 100

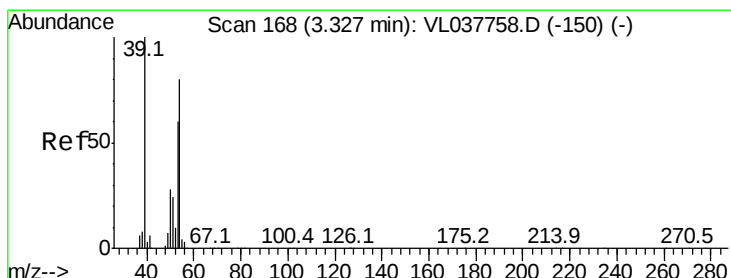
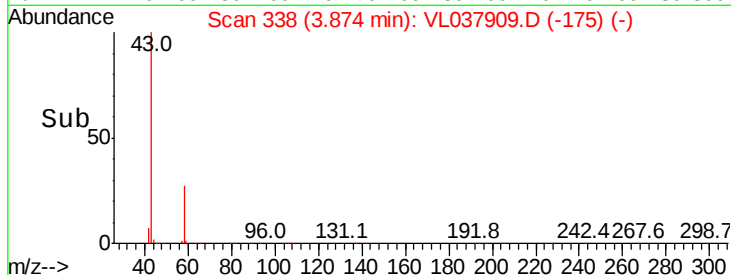
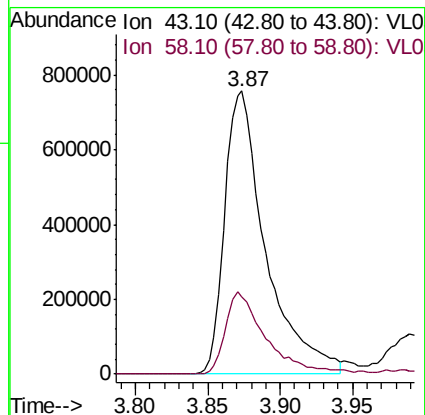
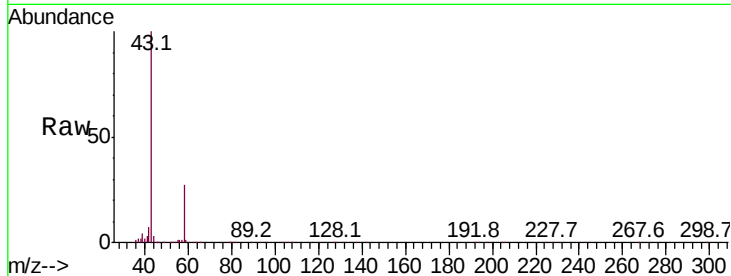
58 29.

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APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#16

1,3-Butadiene

Concen: 9.670 ppbv

RT: 3.35 min Scan# 175

Delta R.T. 0.02 min

Lab File: VL037909.D

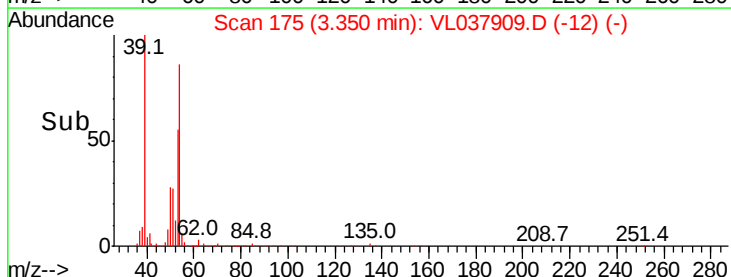
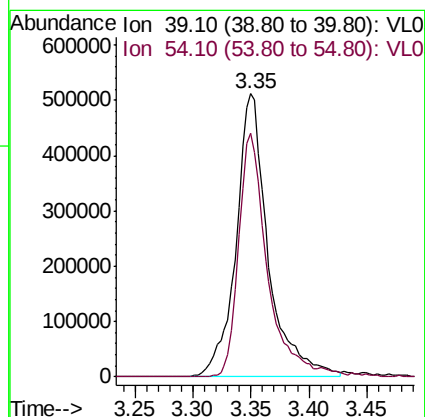
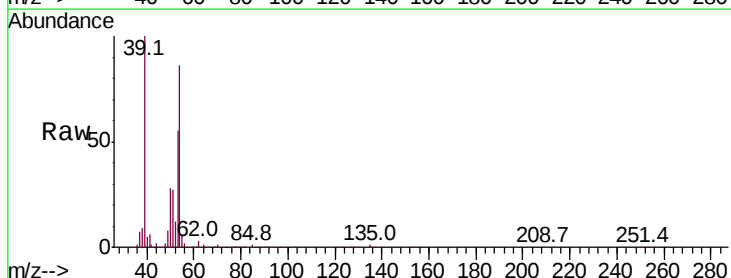
Acq: 27 Oct 2021 9:10

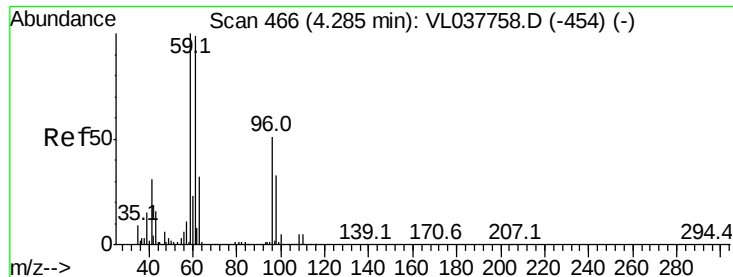
Tgt Ion: 39 Resp: 976973

Ion Ratio Lower Upper

39 100

54 78.8 61.7 92.5





#17

tert-Butyl alcohol

Concen: 10.198 ppbv

RT: 4.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

59 100

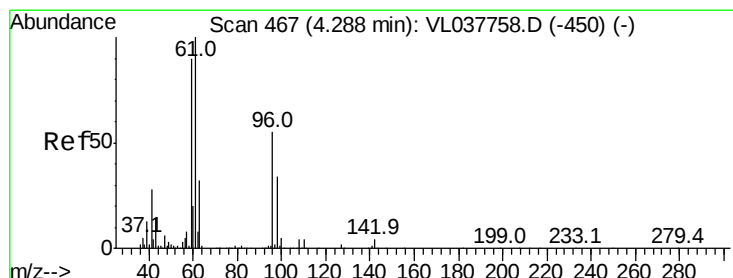
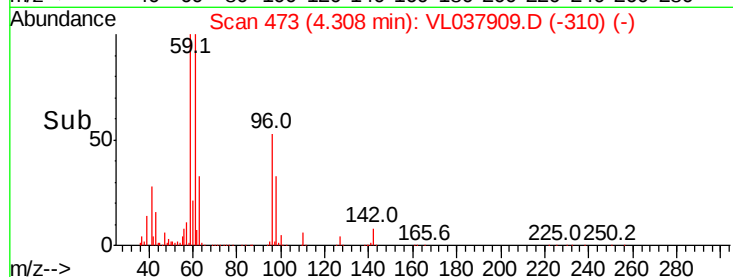
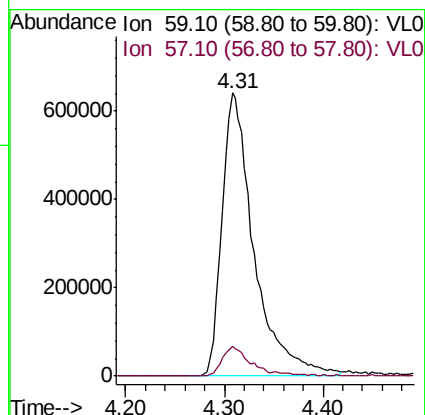
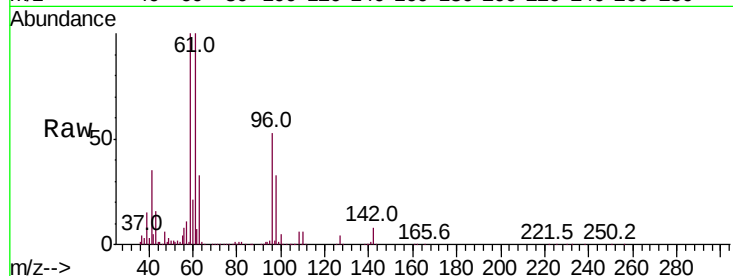
57 10.

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#18

1,1-Dichloroethene

Concen: 9.580 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

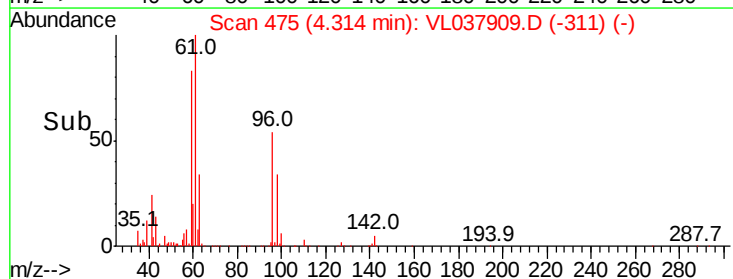
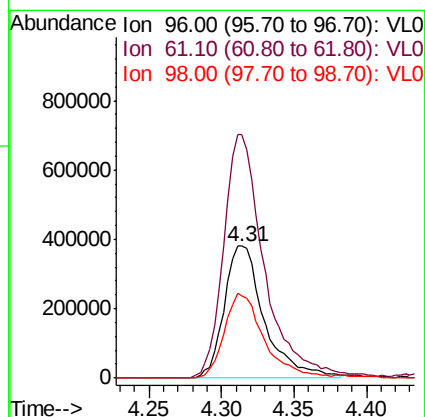
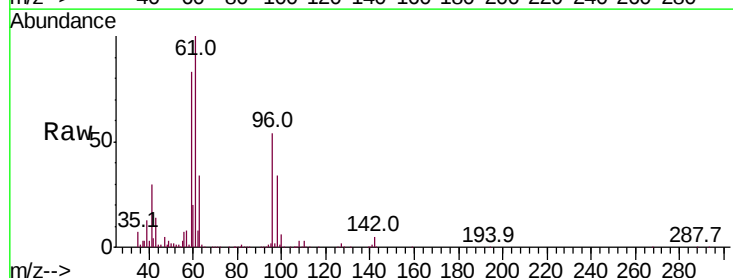
Tgt Ion: 96 Resp: 727158

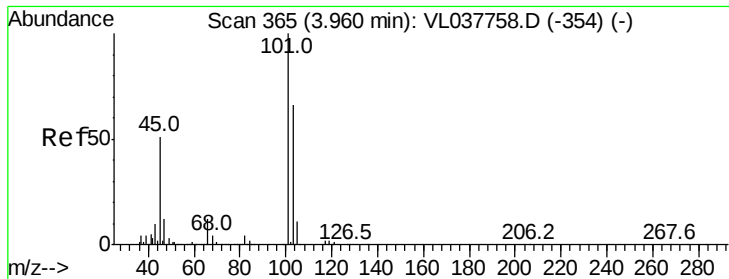
Ion Ratio Lower Upper

96 100

61 184.3 146.2 219.4

98 62.2 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.320 ppbv

RT: 3.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

45 100

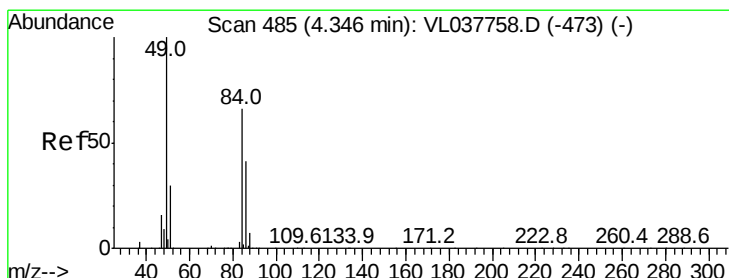
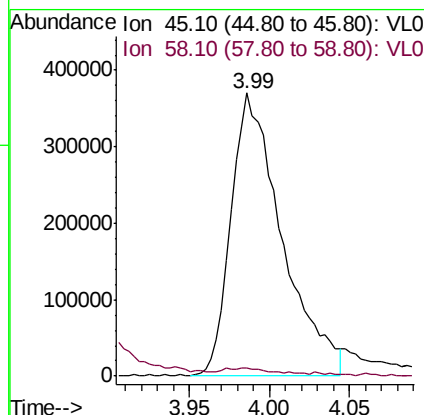
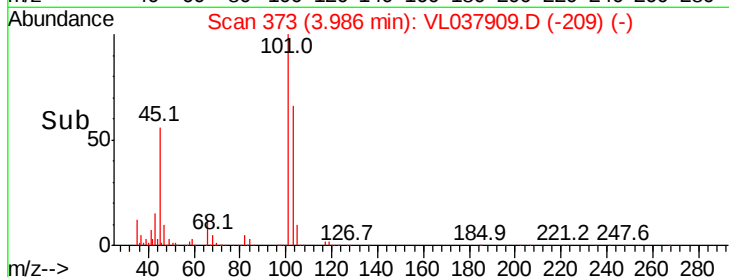
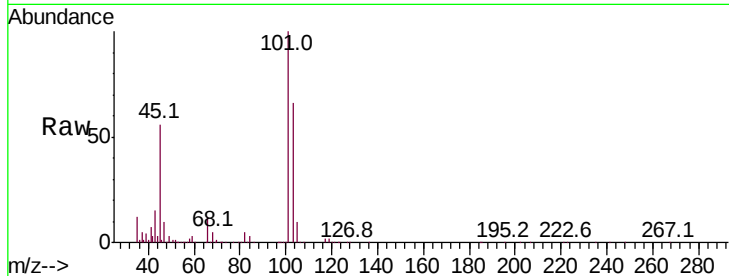
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#20

Methylene Chloride

Concen: 8.799 ppbv

RT: 4.37 min Scan# 492

Delta R.T. 0.02 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion: 84 Resp: 617314

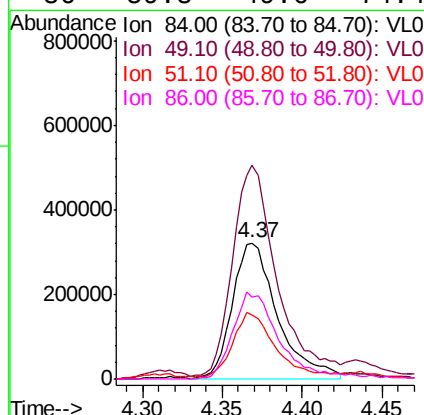
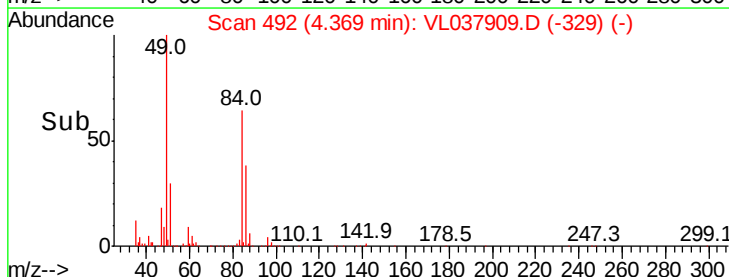
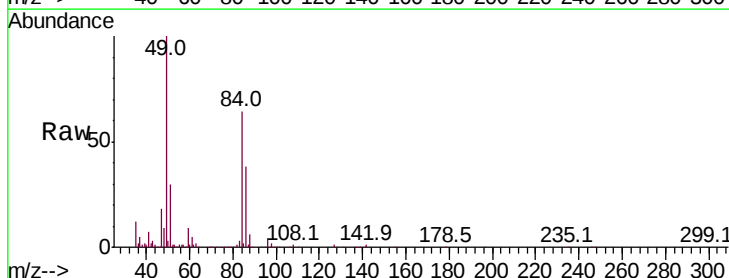
Ion Ratio Lower Upper

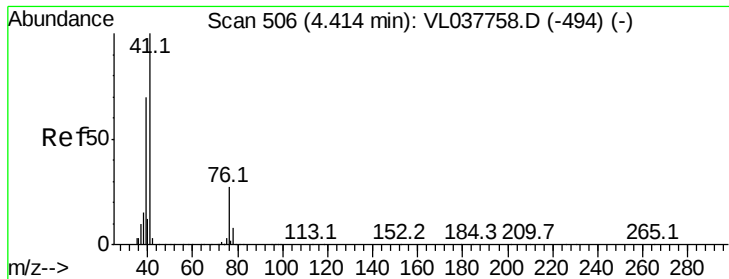
84 100

49 155.5 120.7 181.1

51 45.5 36.2 54.4

86 59.8 49.6 74.4



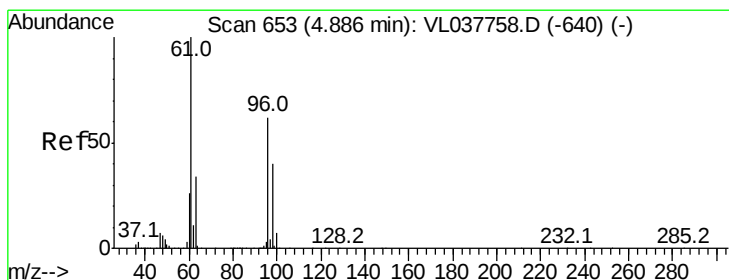
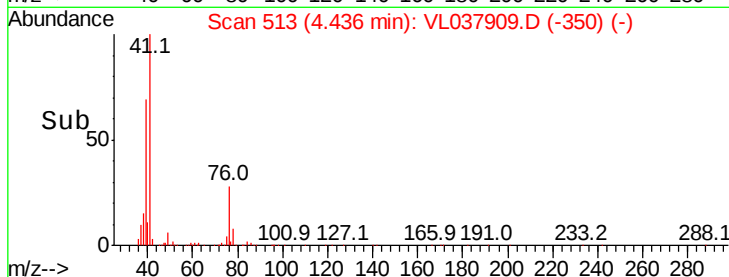
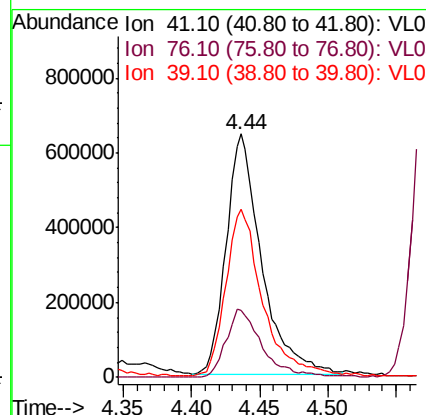
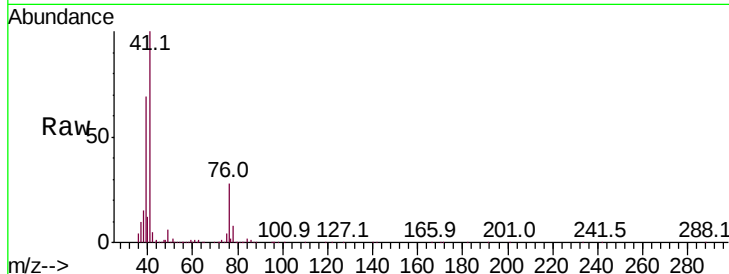


#21
Allvl Chloride
Concen: 9.406 ppbv
RT: 4.44
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
41 100
76 29.
39 72.

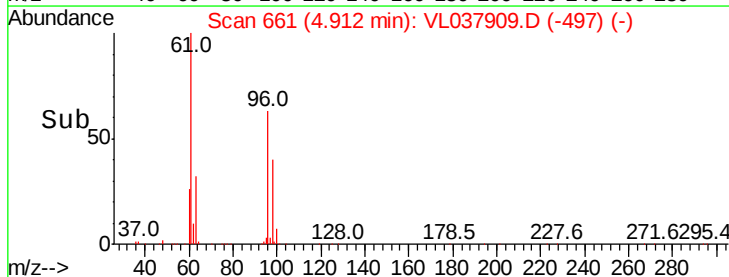
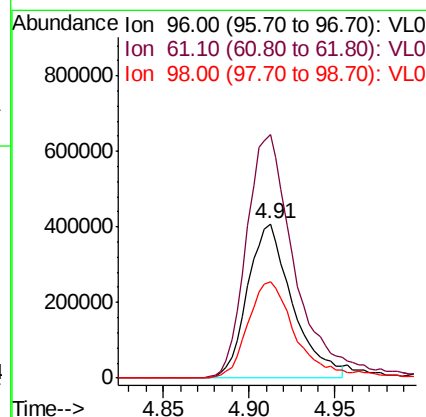
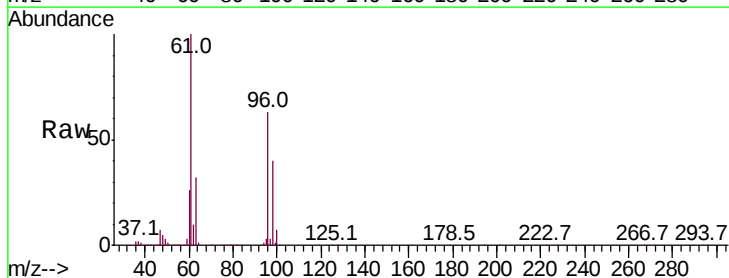
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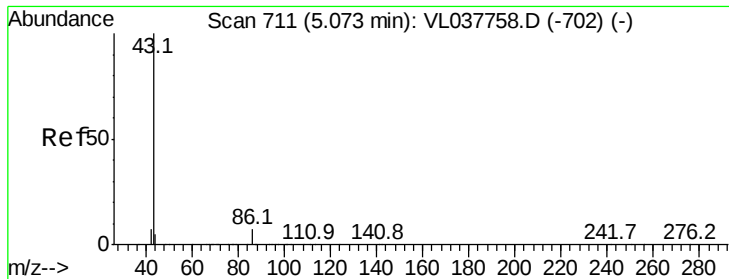
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.695 ppbv
RT: 4.91 min Scan# 661
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 96 Resp: 739778
Ion Ratio Lower Upper
96 100
61 157.9 129.0 193.6
98 62.9 51.7 77.5





#23

Vinyl Acetate

Concen: 9.183 ppbv

RT: 5.10

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

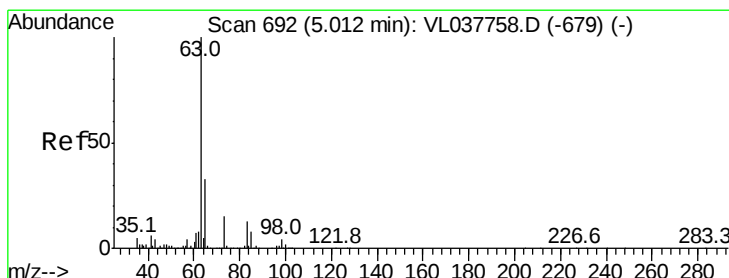
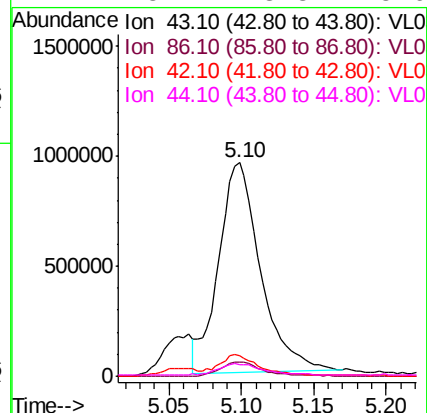
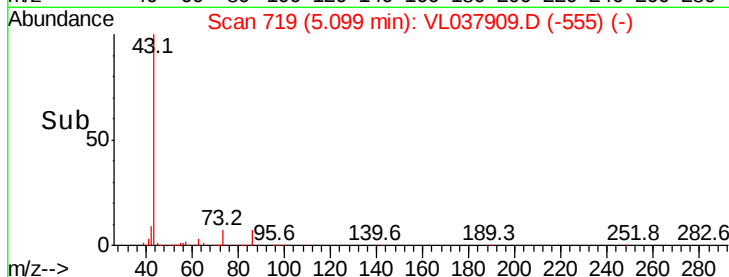
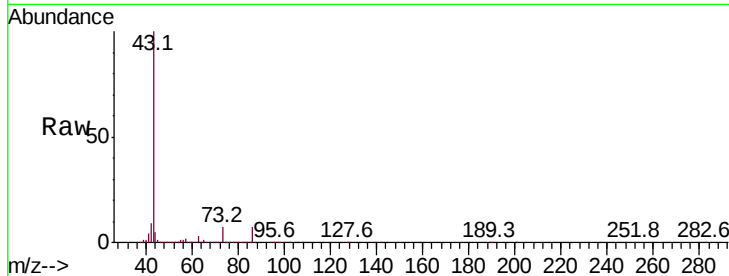
44 5.1

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Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#24

1,1-Dichloroethane

Concen: 9.859 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

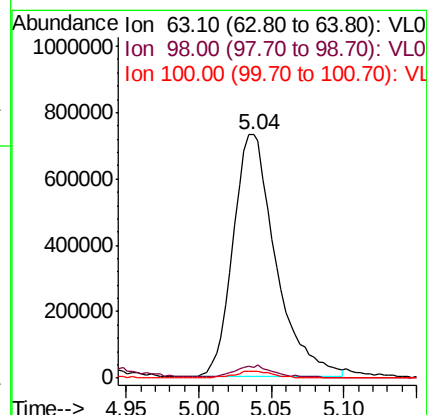
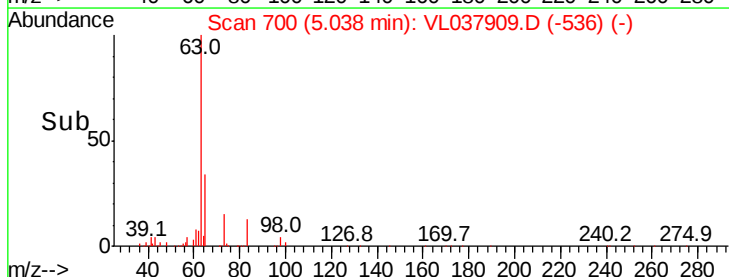
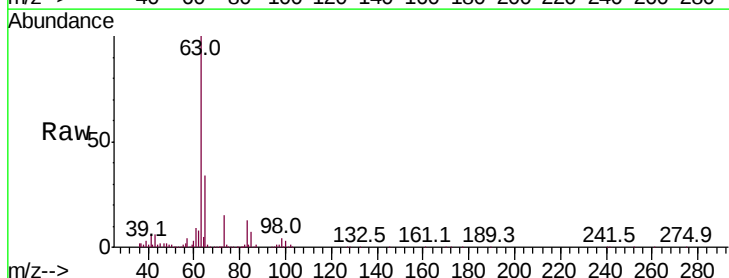
Tgt Ion: 63 Resp: 1493435

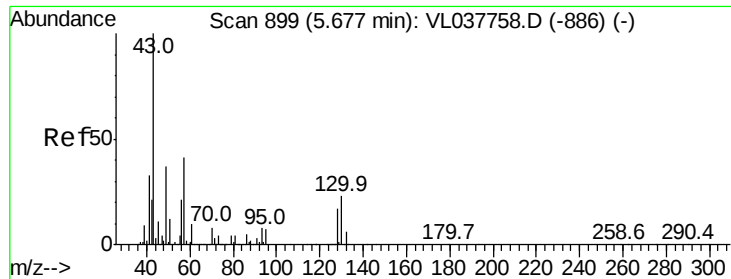
Ion Ratio Lower Upper

63 100

98 4.2 2.3 6.9

100 2.5 1.1 3.1



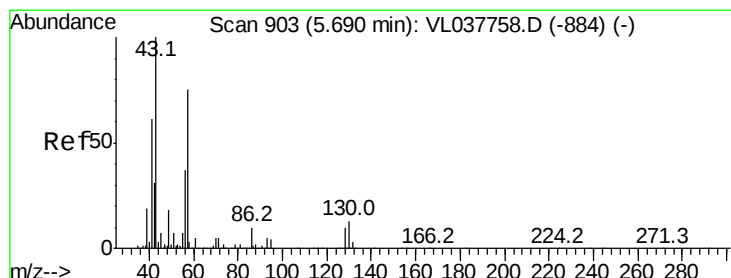
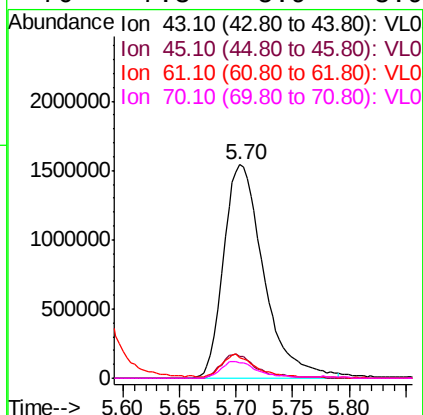
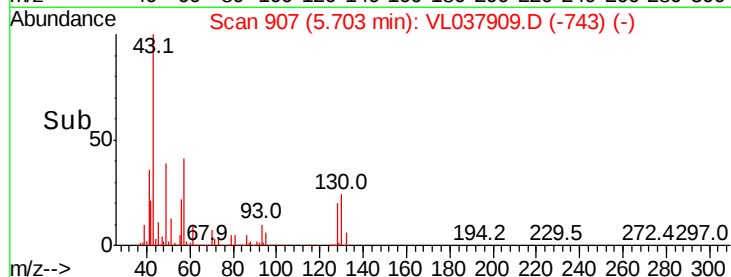
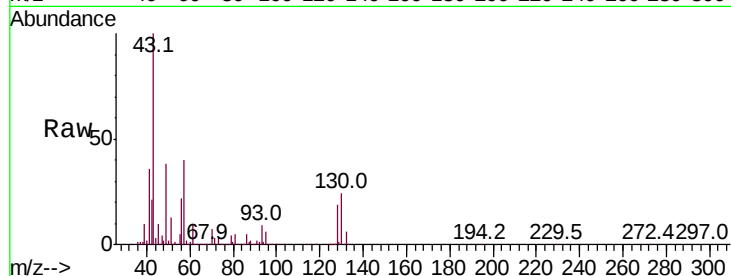


#25
Ethyl Acetate
Concen: 9.727 ppbv
RT: 5.70 min
Delta R.T.: 0.02 min
Lab File: VL037758.D
Acq: 27 Oct 2021 9:10

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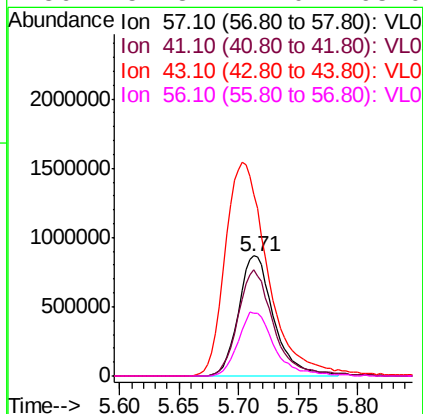
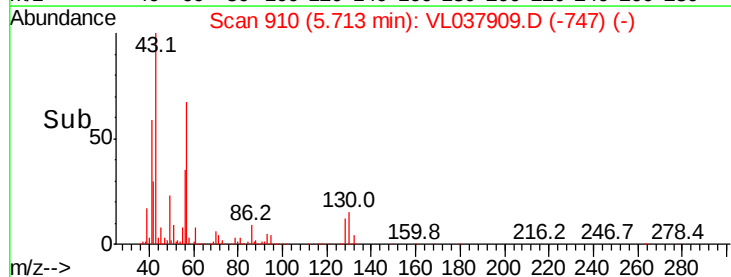
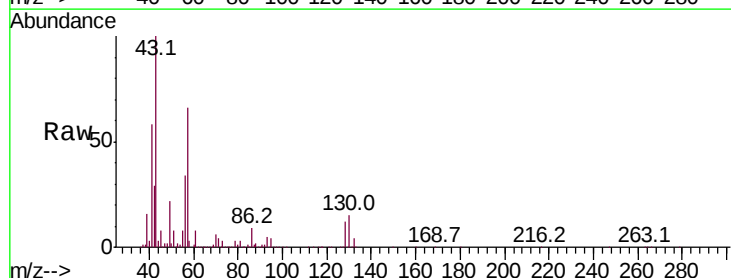
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021

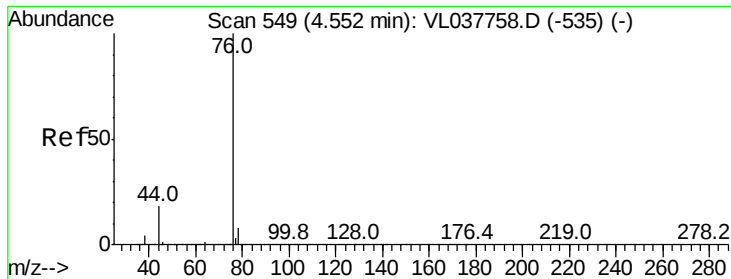
Tot Ion	Ion	Ratio	Time
43	100		5.70
45	10		5.9
61	10		8.9
70	7.3		



#26
Hexane
Concen: 9.277 ppbv
RT: 5.71 min Scan# 910
Delta R.T.: 0.02 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion	Ratio	Lower	Upper
57	100		
41	90.3	69.6	104.4
43	216.5	171.4	257.0
56	54.8	42.0	63.0





#27

Carbon Disulfide

Concen: 10.642 ppbv

RT: 4.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:

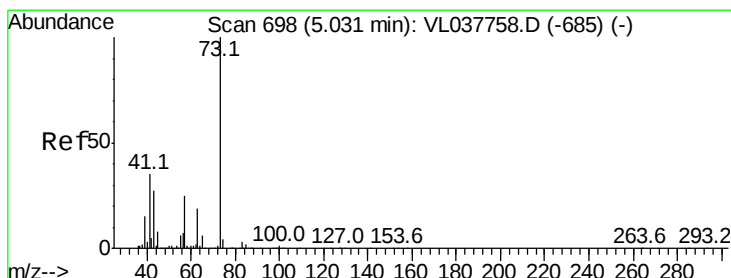
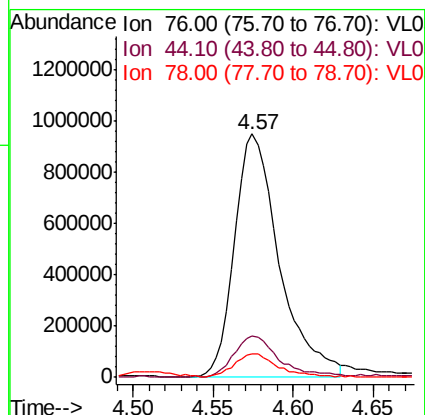
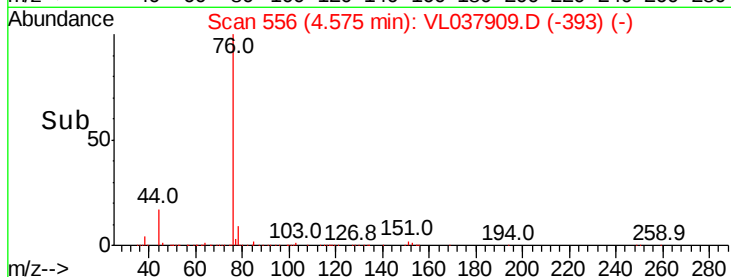
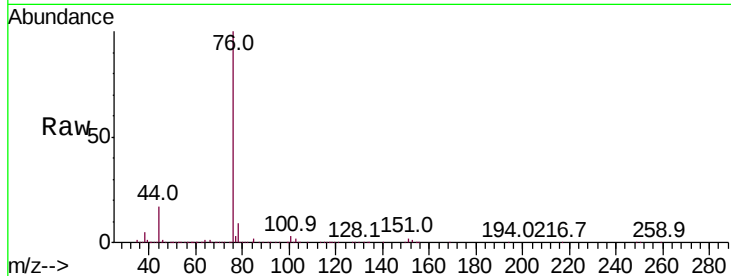
Ion	Ratio
76	100
44	16.
78	10.

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: 9.116 ppbv

RT: 5.06 min Scan# 707

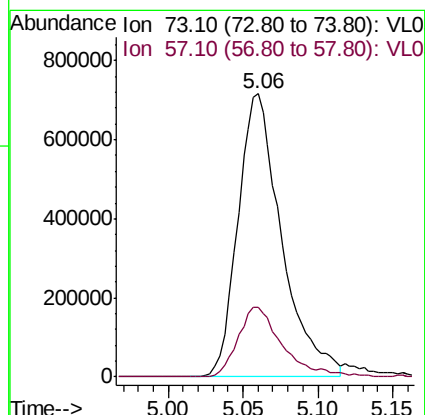
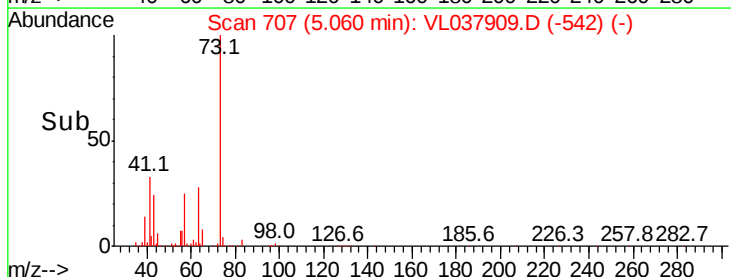
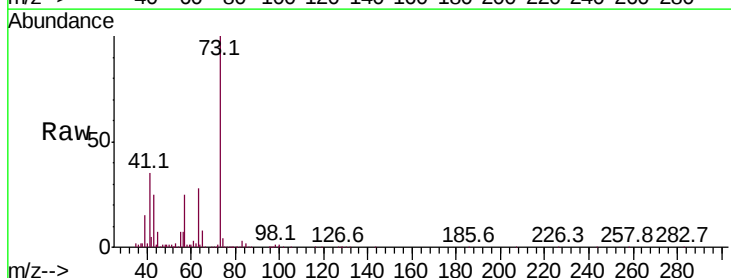
Delta R.T. 0.03 min

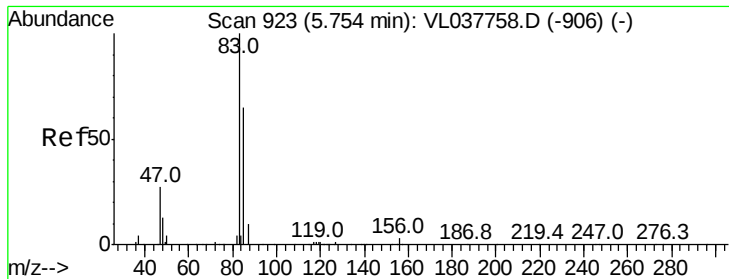
Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion: 73 Resp: 1456176

Ion	Ratio	Lower	Upper
73	100		
57	25.7	20.4	30.6



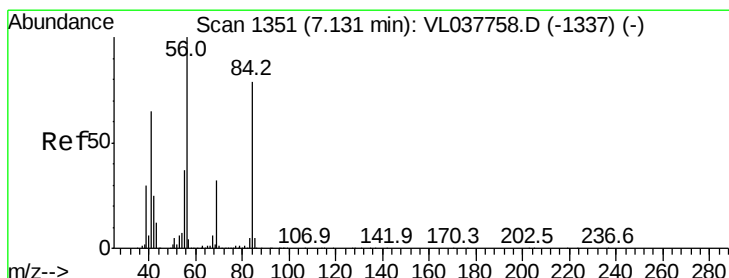
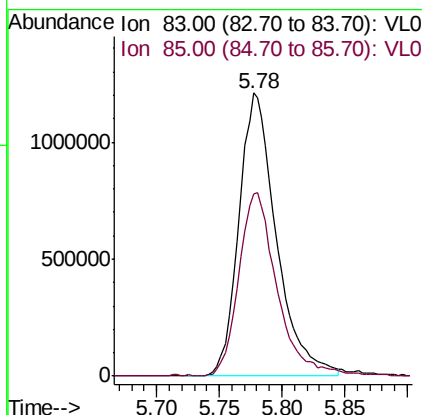
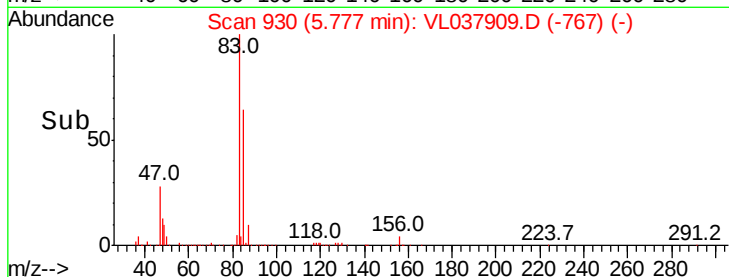
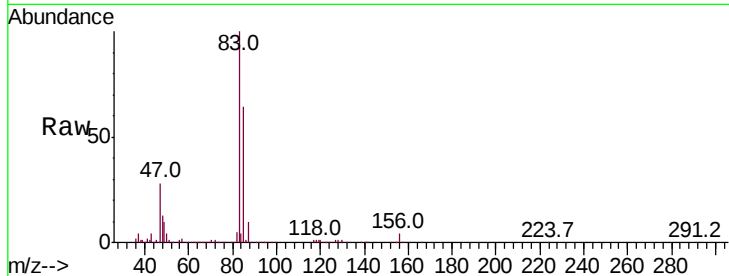


#29
Chloroform
Concen: 9.170 ppbv
RT: 5.78
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
83 100
85 64.

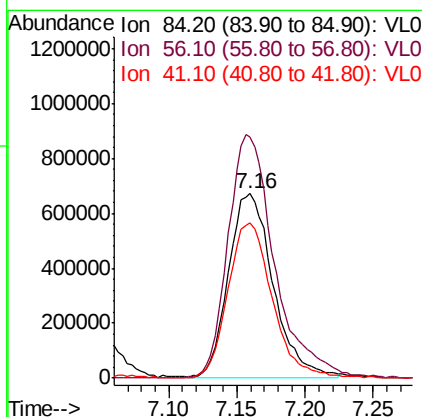
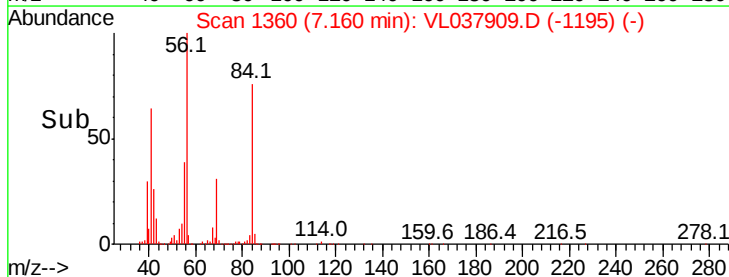
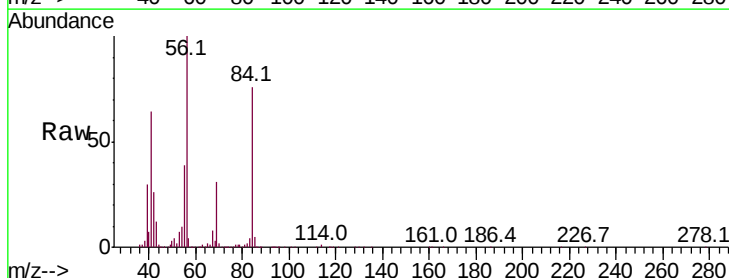
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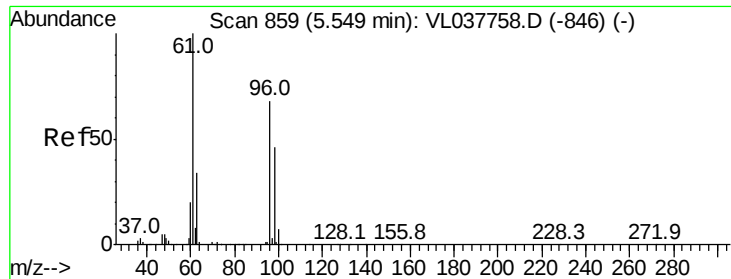
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#30
Cyclohexane
Concen: 9.373 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 84 Resp: 1524910
Ion Ratio Lower Upper
84 100
56 139.1 113.0 169.4
41 84.0 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 9.415 ppbv

RT: 5.57 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

61 100

96 70.

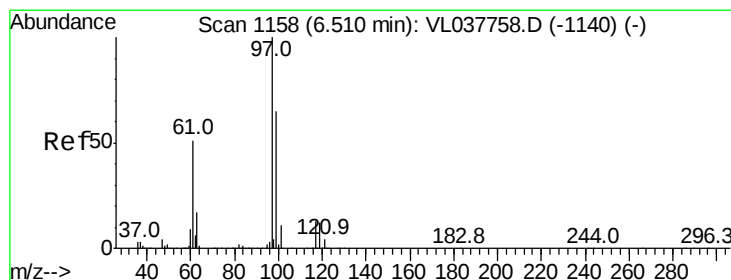
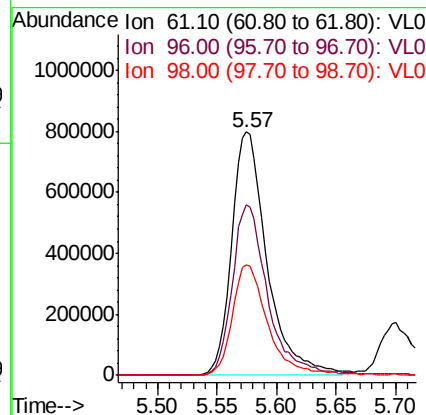
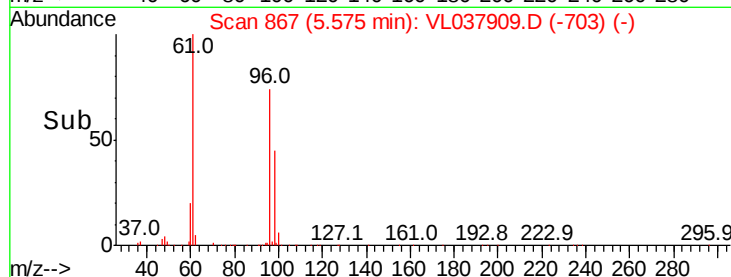
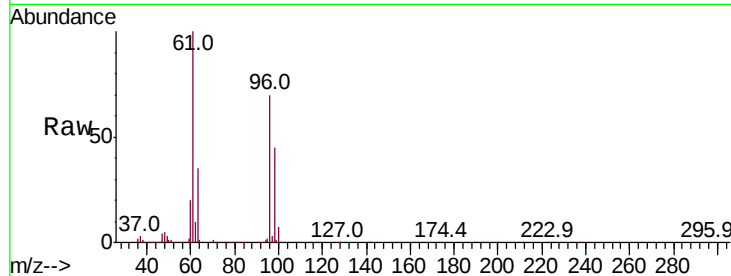
98 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.327 ppbv

RT: 6.54 min Scan# 1167

Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

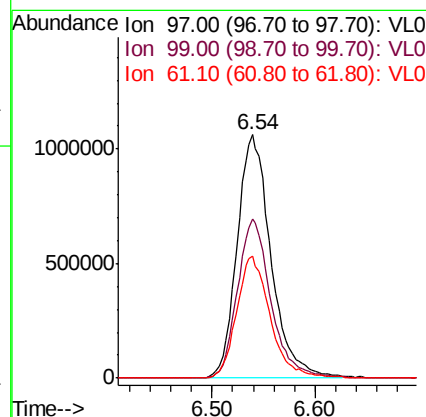
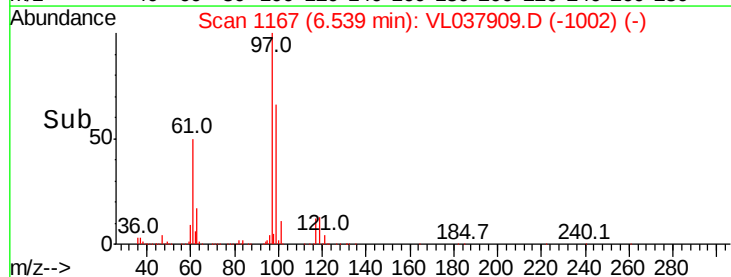
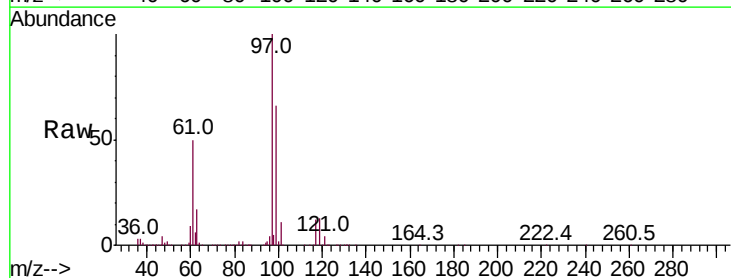
Tgt Ion: 97 Resp: 2425120

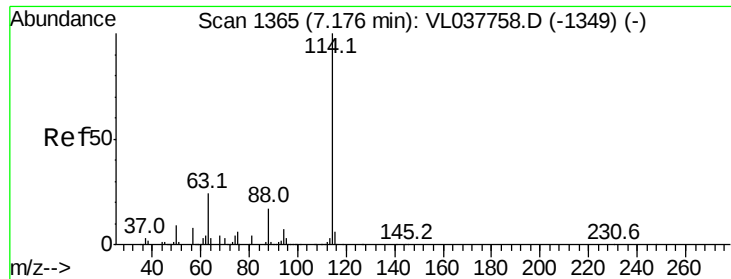
Ion Ratio Lower Upper

97 100

99 65.1 52.6 78.8

61 50.1 40.2 60.4



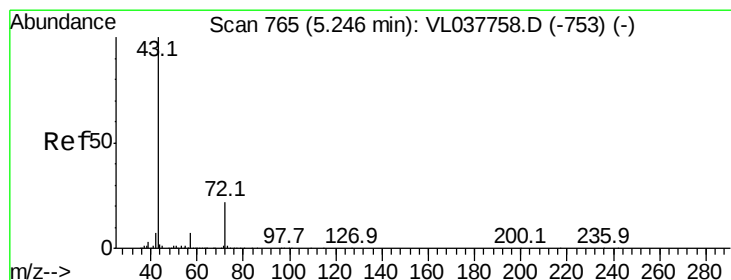
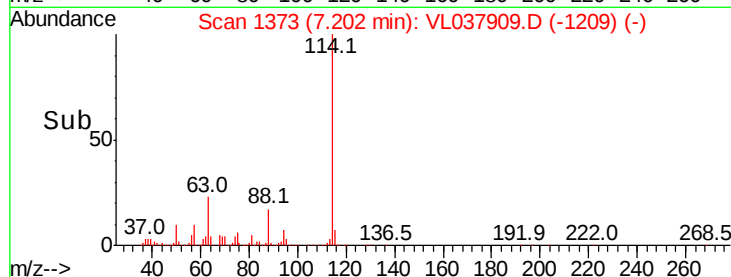
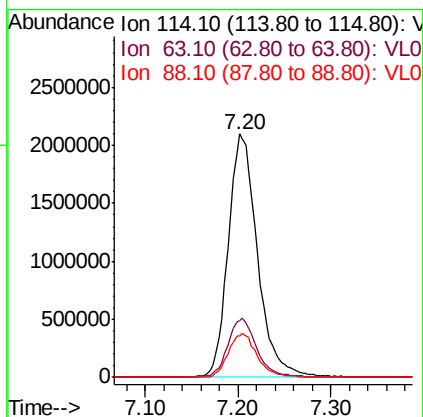
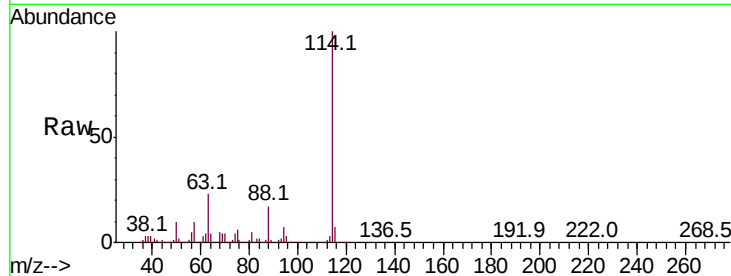


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

Tot Ion: 1
 Ion Ratio
 114 100
 63 24.
 88 17.

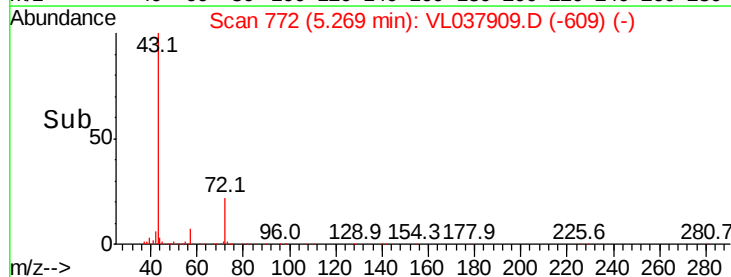
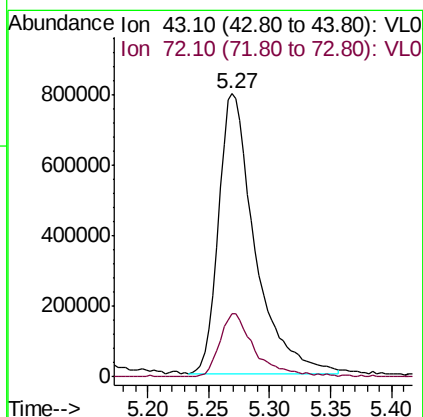
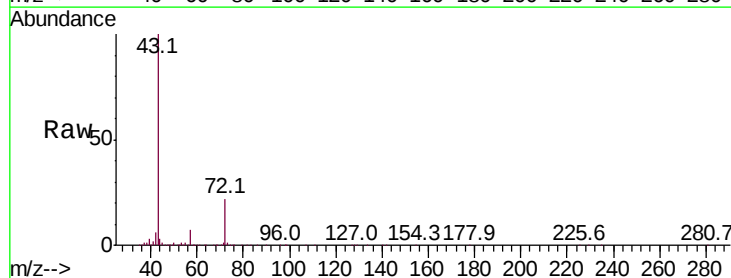
Manual Integrations
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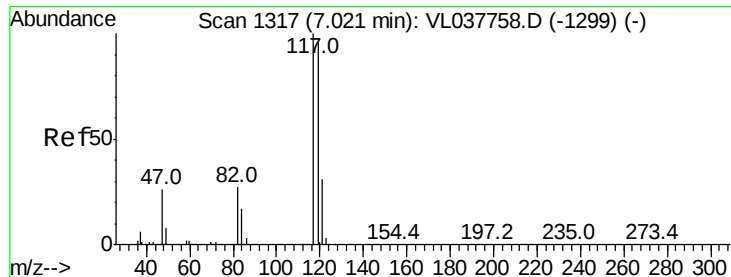
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#34
 2-Butanone
 Concen: 9.010 ppbv
 RT: 5.27 min Scan# 772
 Delta R.T.: 0.02 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion: 43 Resp: 1671860
 Ion Ratio Lower Upper
 43 100
 72 22.0 18.2 27.2





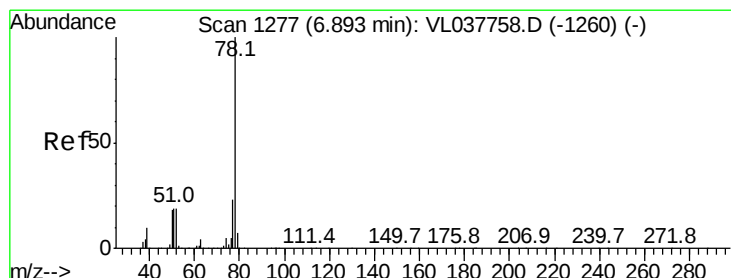
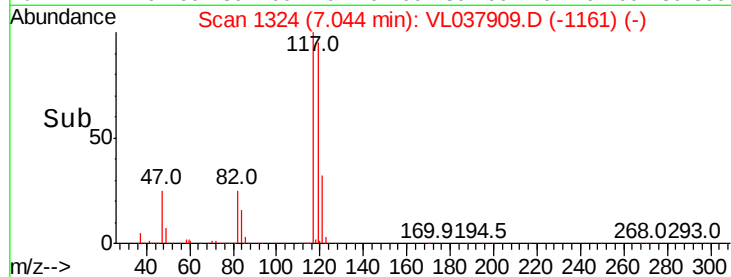
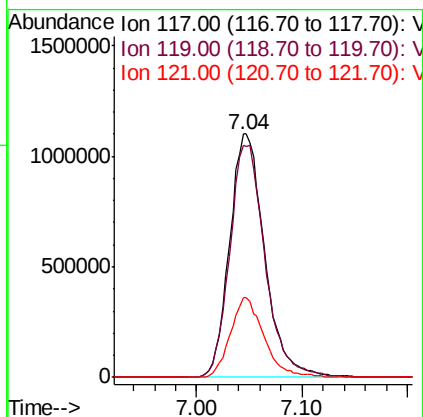
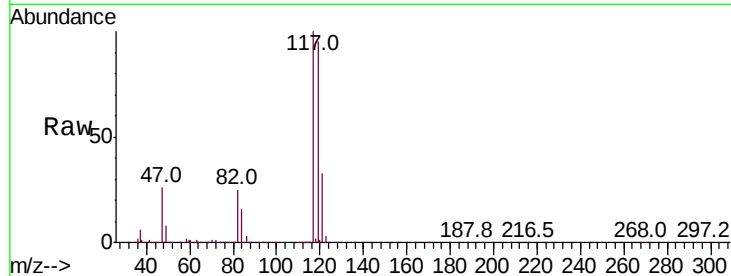
#35

Carbon Tetrachloride
 Concen: 9.723 ppbv
 RT: 7.04
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

Tot Ion:1
 Ion Rati
 117 100
 119 95.
 121 32.

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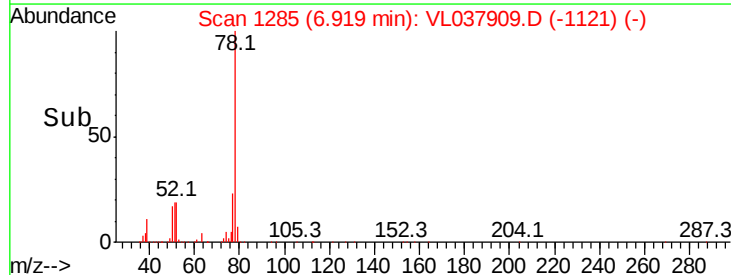
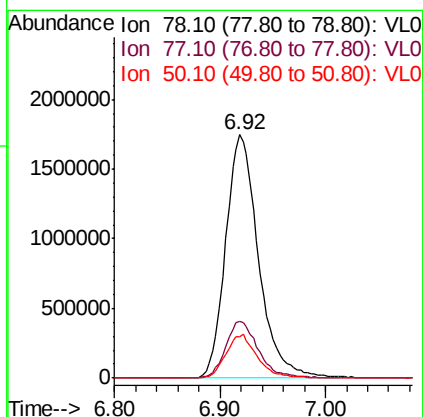
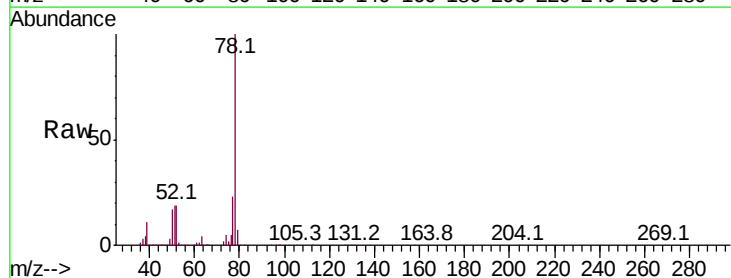
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

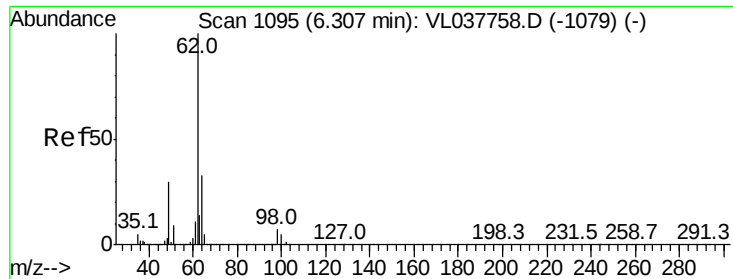


#36

Benzene
 Concen: 9.581 ppbv
 RT: 6.92 min Scan# 1285
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion: 78 Resp: 3761667
 Ion Ratio Lower Upper
 78 100
 77 23.0 18.8 28.2
 50 17.1 14.7 22.1



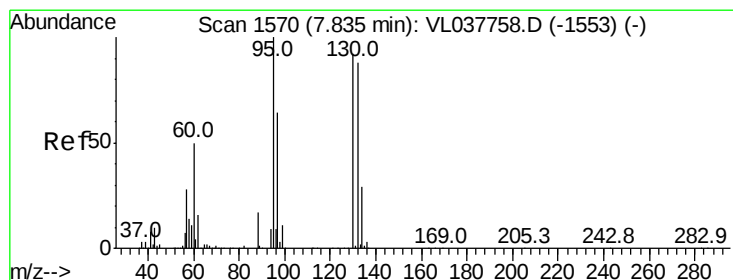
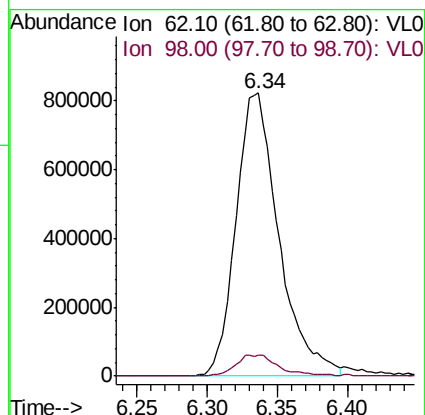
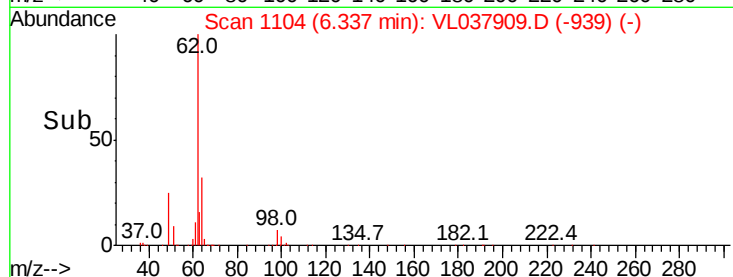
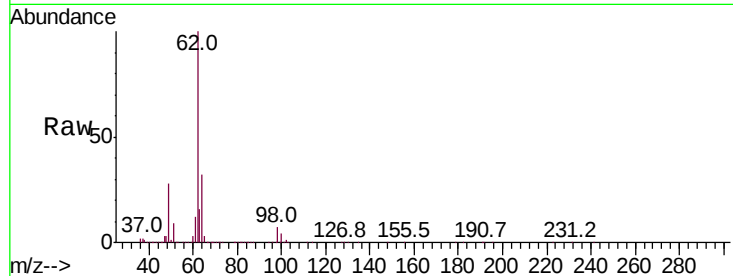


#37
 1,2-Dichloroethane
 Concen: 9.491 ppbv
 RT: 6.34
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 9:10

Tot Ion:
 Ion Ratio
 62 100
 98 7.

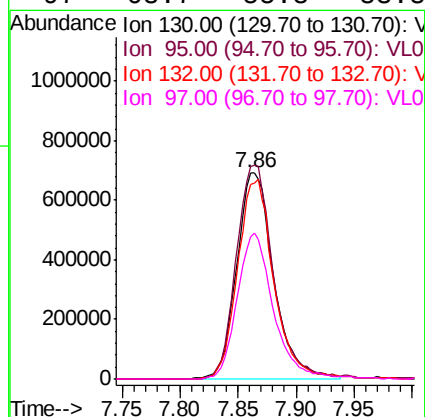
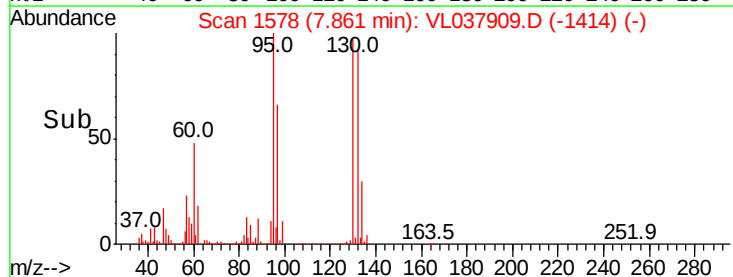
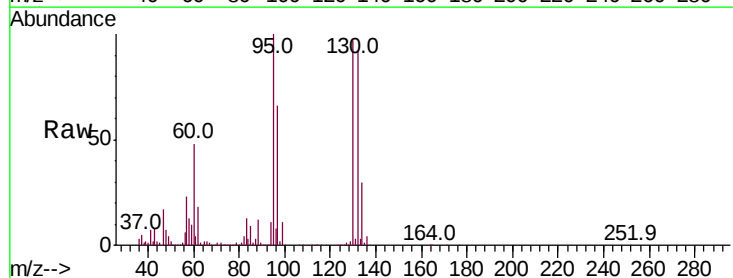
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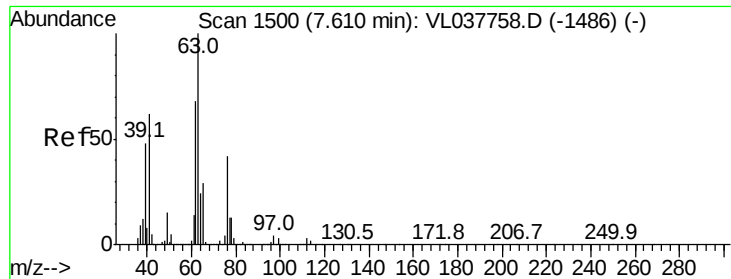
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#38
 Trichloroethene
 Concen: 9.758 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T.: 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion:130 Resp: 1513578
 Ion Ratio Lower Upper
 130 100
 95 103.4 87.4 131.0
 132 94.7 76.8 115.2
 97 68.7 55.8 83.8





#39

1,2-Dichloropropane

Concen: 9.654 ppbv

RT: 7.64

Instrument: MSVOA_1

Delta R.T.

Client SampleId:

Lab File: VSTDCCC010

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

63 100

41 65.

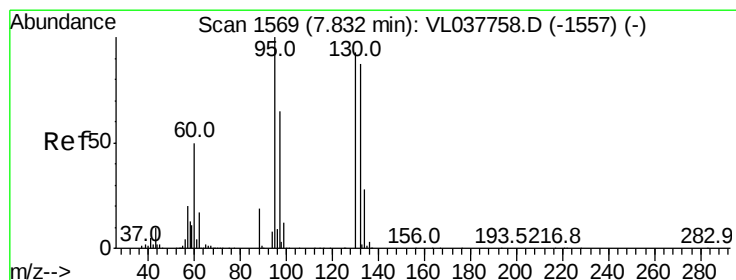
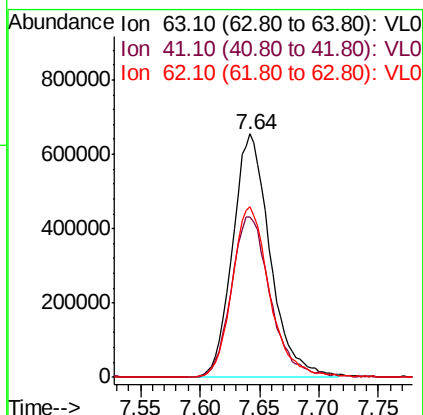
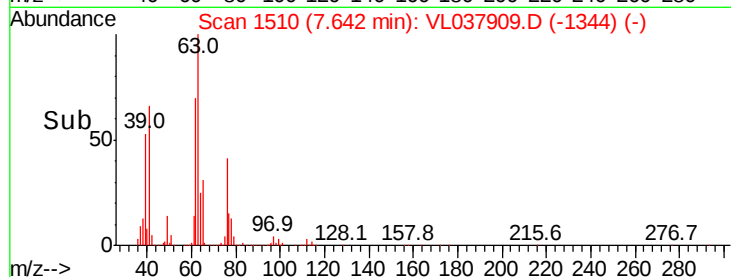
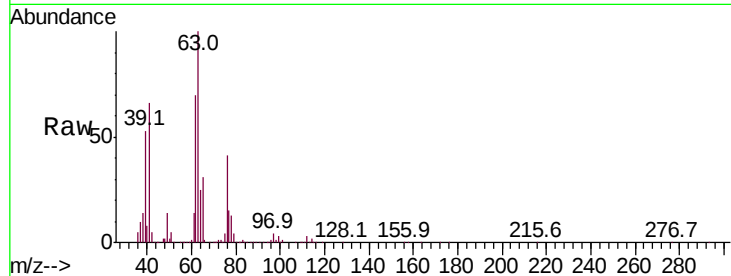
62 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#40

1,4-Dioxane

Concen: 7.637 ppbv m

RT: 7.86 min Scan# 1579

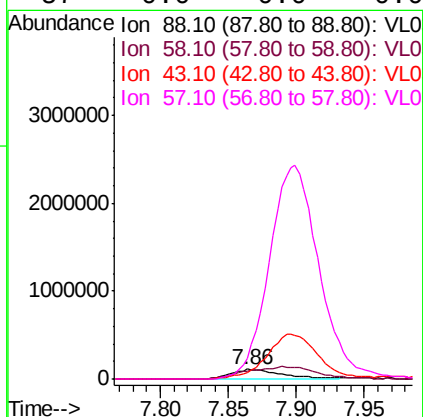
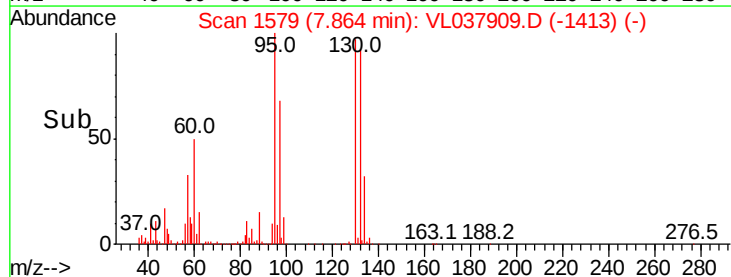
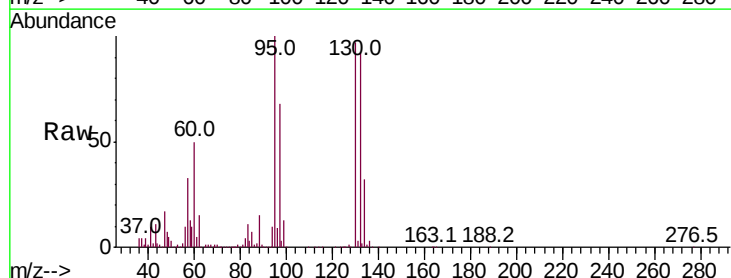
Delta R.T. 0.03 min

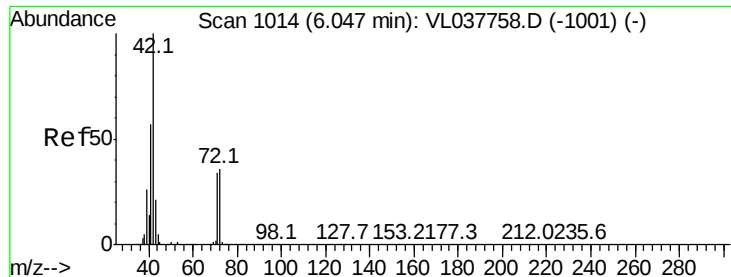
Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion: 88 Resp: 282195

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



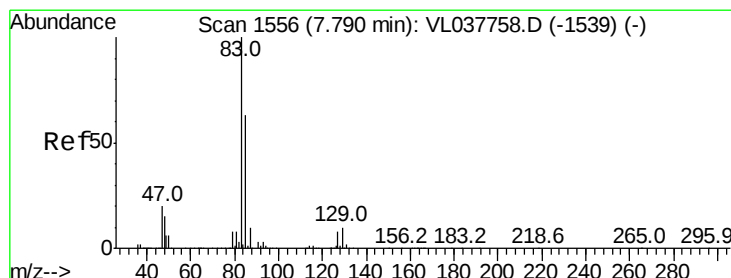
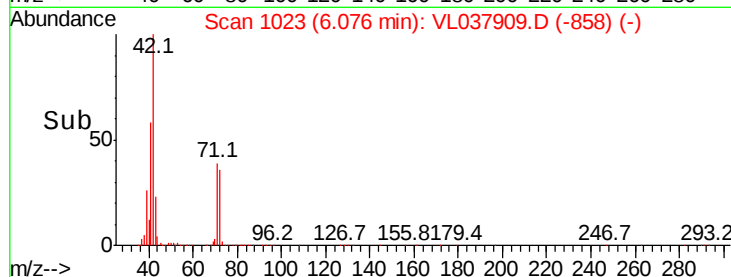
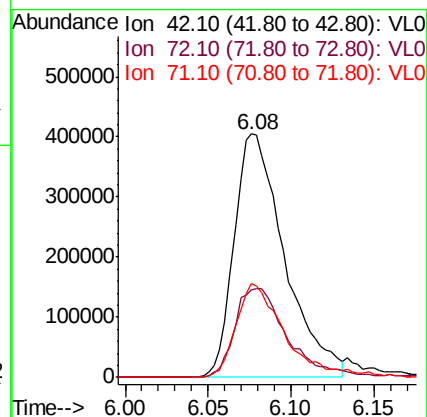
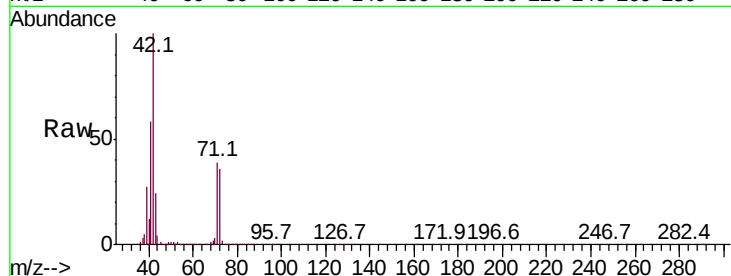


#41
Tetrahydrofuran
Concen: 9.390 ppbv
RT: 6.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
42 100
72 39.
71 38.

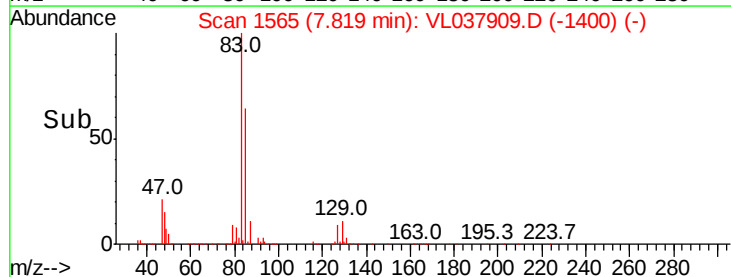
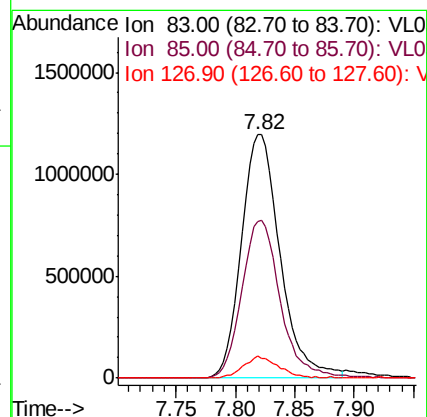
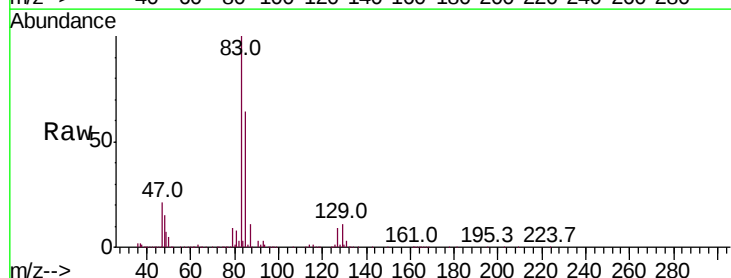
Manual Integrations
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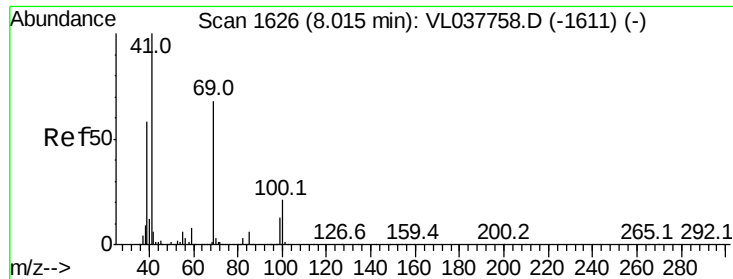
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#42
Bromodichloromethane
Concen: 9.950 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 83 Resp: 2701884
Ion Ratio Lower Upper
83 100
85 64.1 50.6 75.8
127 8.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.646 ppbv

RT: 8.04

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

69 100

41 145.

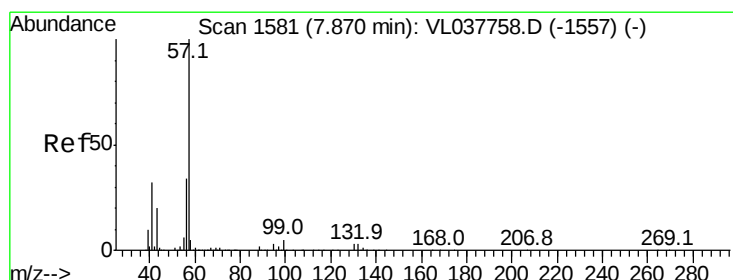
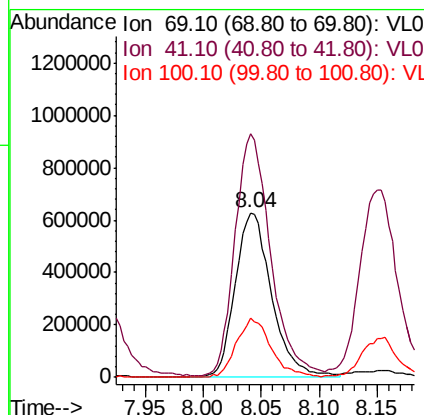
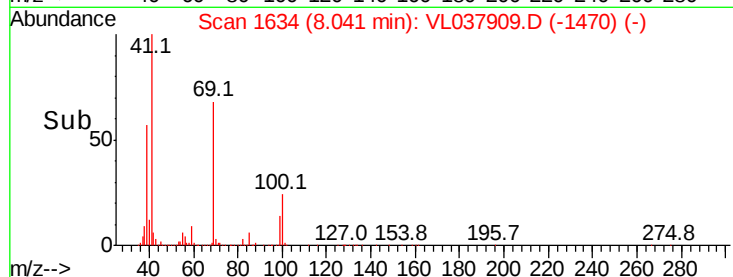
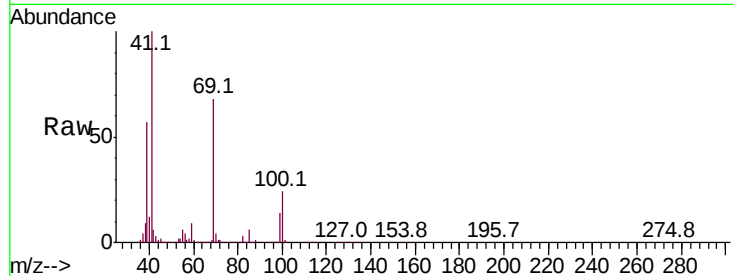
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#44

2,2,4-Trimethylpentane

Concen: 9.448 ppbv

RT: 7.90 min Scan# 1590

Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

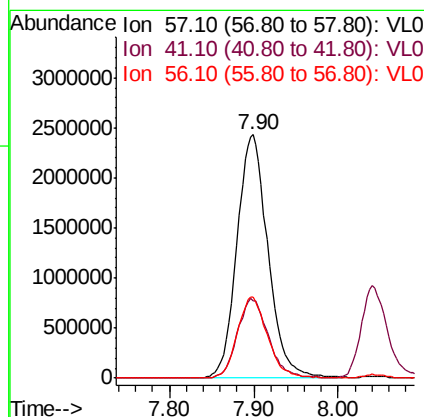
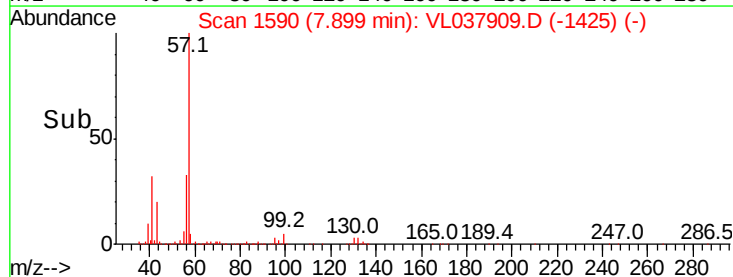
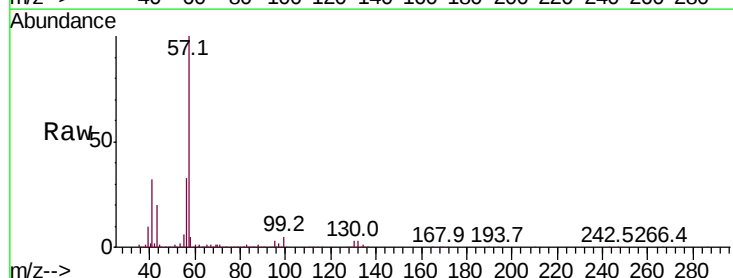
Tgt Ion: 57 Resp: 6232342

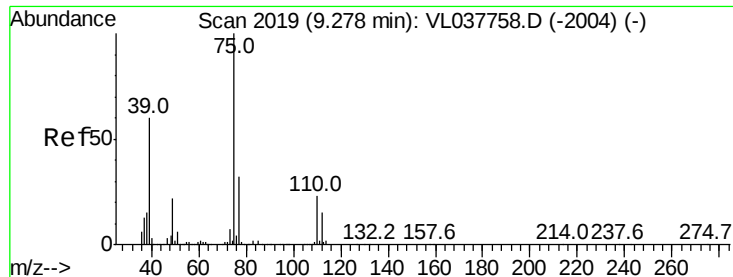
Ion Ratio Lower Upper

57 100

41 32.7 25.6 38.4

56 32.4 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 10.008 ppbv

RT: 9.31

Instrument: MSVOA_1

Delta R.T.

ClientSampleId:

Lab File: VSTDCCC010

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

75 100

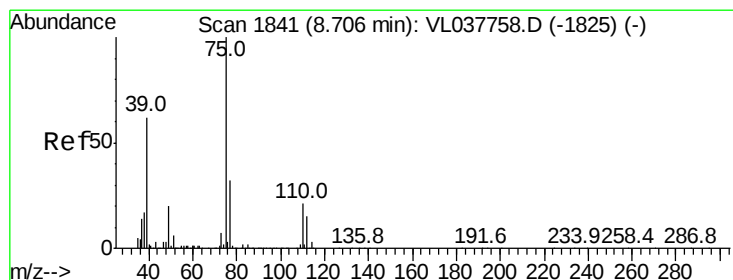
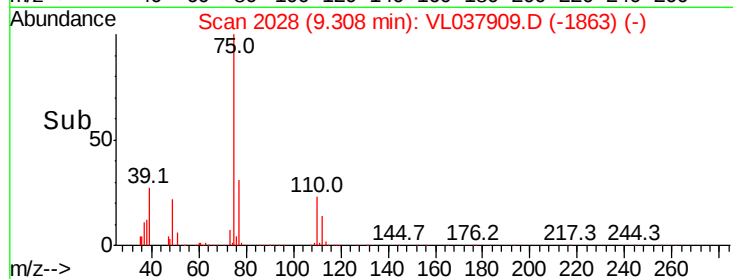
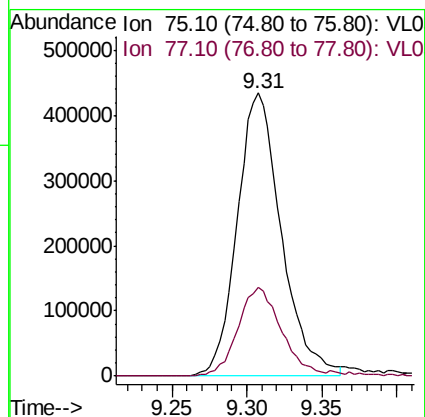
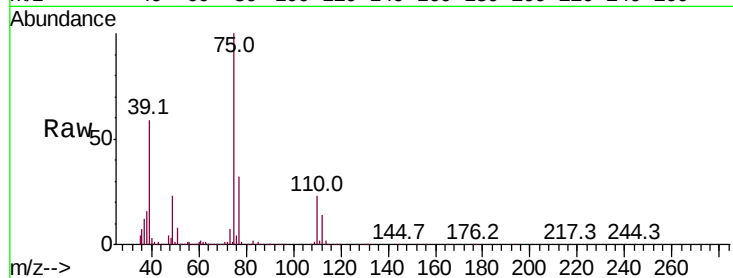
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.406 ppbv

RT: 8.73 min Scan# 1849

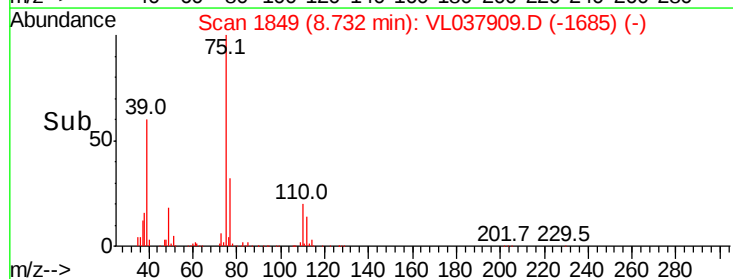
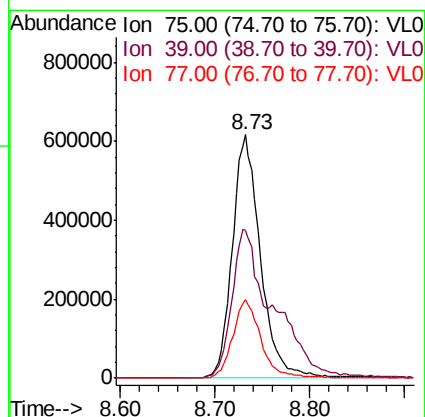
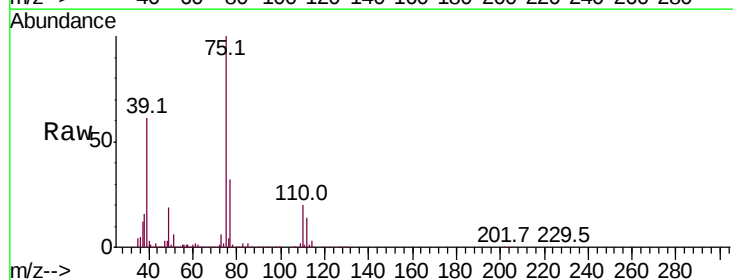
Delta R.T. 0.03 min

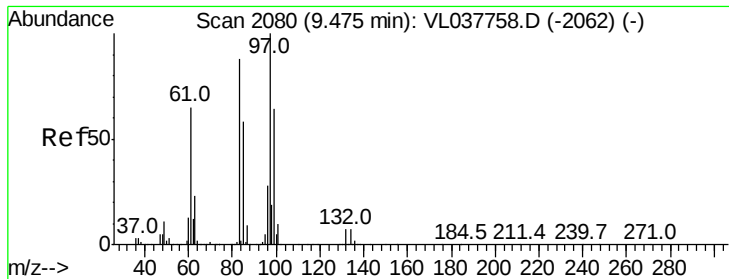
Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion: 75 Resp: 1272620

Ion	Ratio	Lower	Upper
75	100		
39	60.7	49.9	74.9
77	32.4	25.9	38.9





#47

1,1,2-Trichloroethane

Concen: 9.447 ppbv

RT: 9.50

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:

Ion Ratio

97 100

83 91.

85 58.

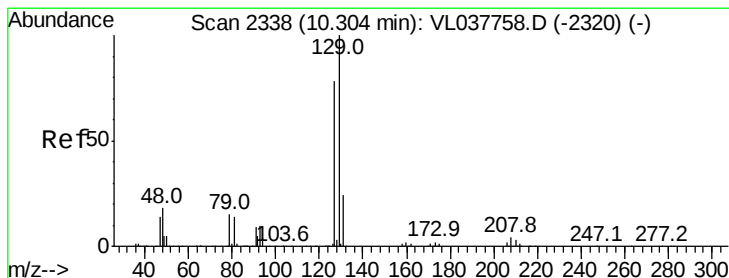
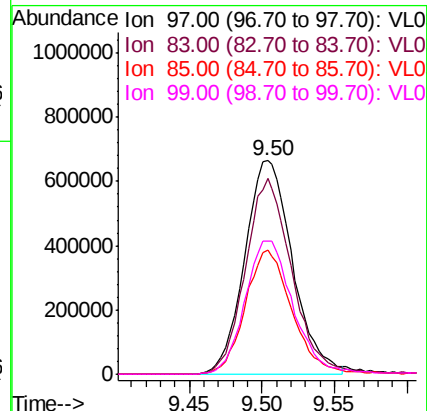
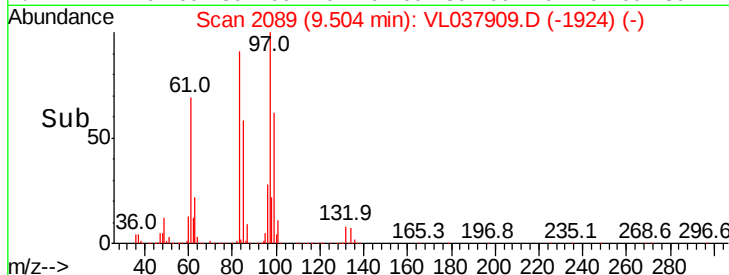
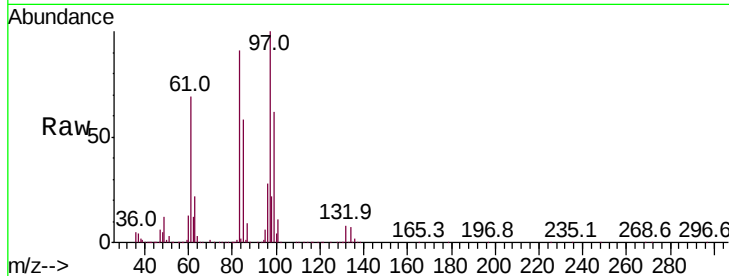
99 62.2 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#48

Dibromochloromethane

Concen: 10.373 ppbv

RT: 10.33 min Scan# 2347

Delta R.T. 0.03 min

Lab File: VL037909.D

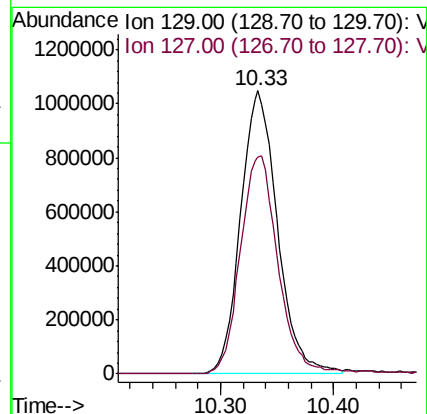
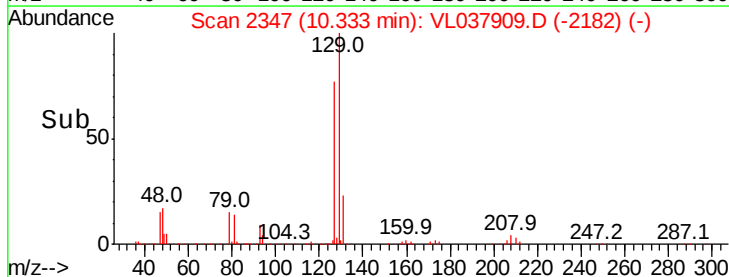
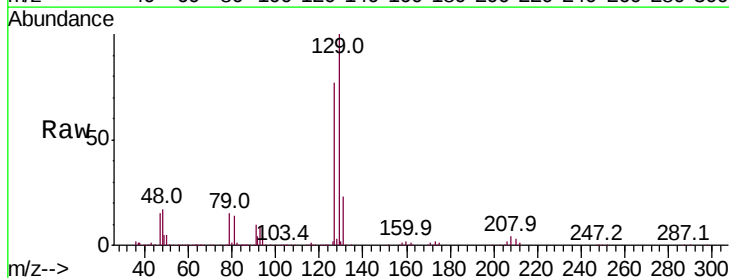
Acq: 27 Oct 2021 9:10

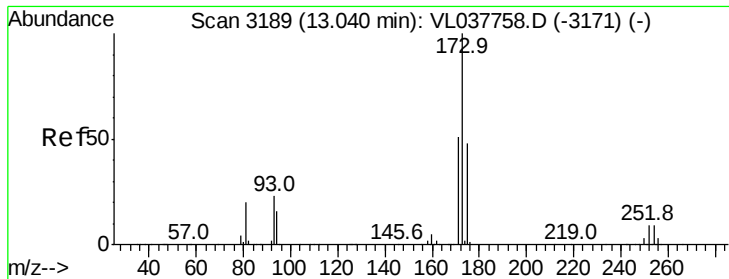
Tgt Ion:129 Resp: 2373949

Ion Ratio Lower Upper

129 100

127 80.0 39.5 118.5





#49

Bromoform

Concen: 11.079 ppbv

RT: 13.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:1

Ion Ratio

173 100

175 52.

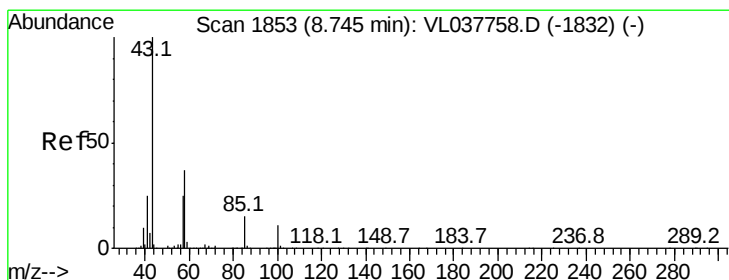
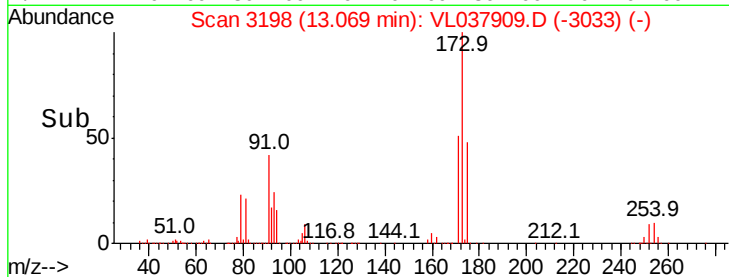
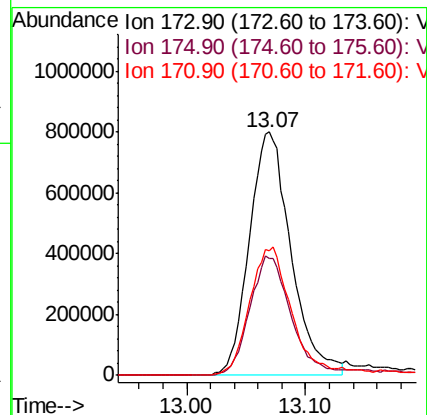
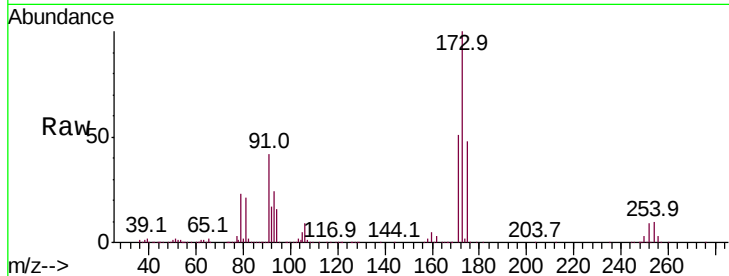
171 56.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021

Supervised By :Mahesh Dadoda 10/29/2021



#50

4-Methyl-2-Pentanone

Concen: 10.122 ppbv

RT: 8.77 min Scan# 1860

Delta R.T. 0.02 min

Lab File: VL037909.D

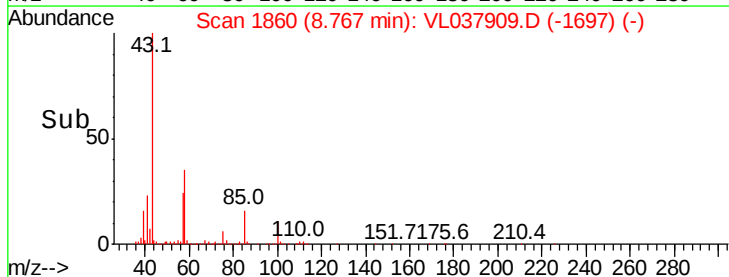
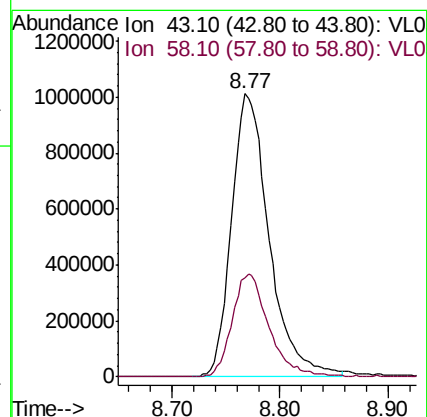
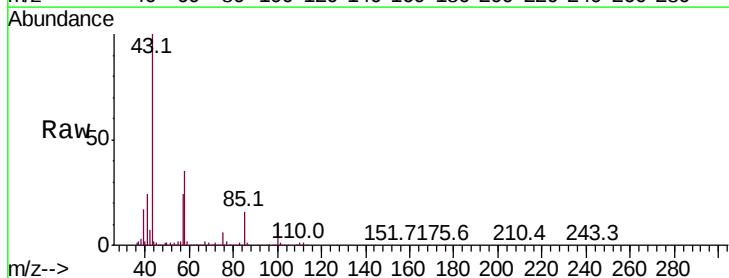
Acq: 27 Oct 2021 9:10

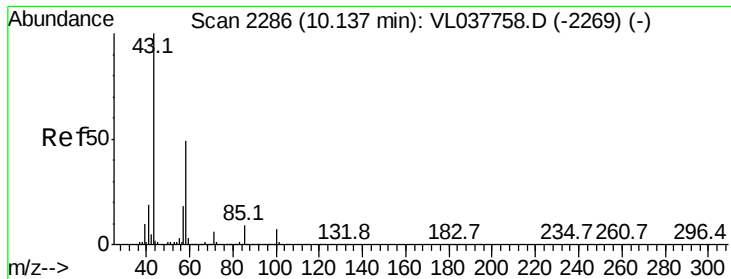
Tgt Ion: 43 Resp: 2445243

Ion Ratio Lower Upper

43 100

58 36.2 29.4 44.0





#51

2-Hexanone

Concen: 10.438 ppbv

RT: 10.16

Delta R.T. MSVOA_L

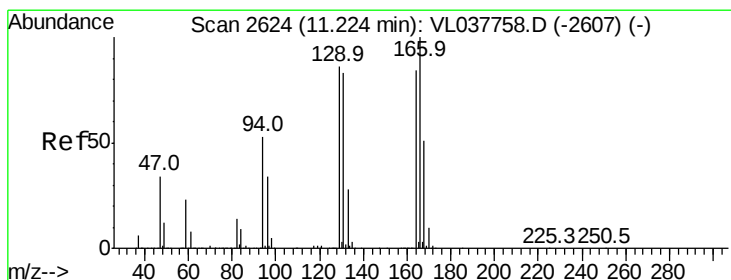
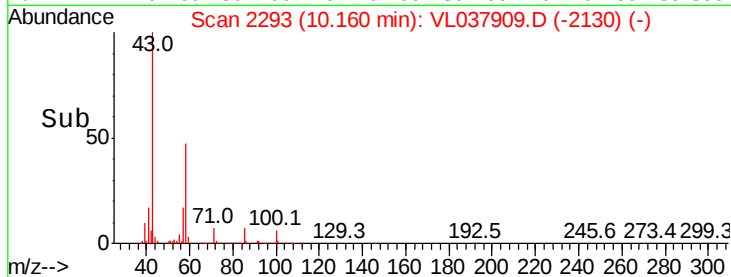
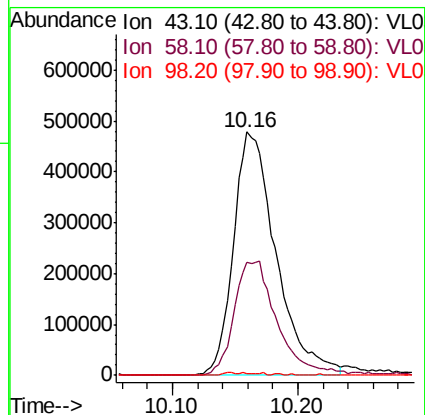
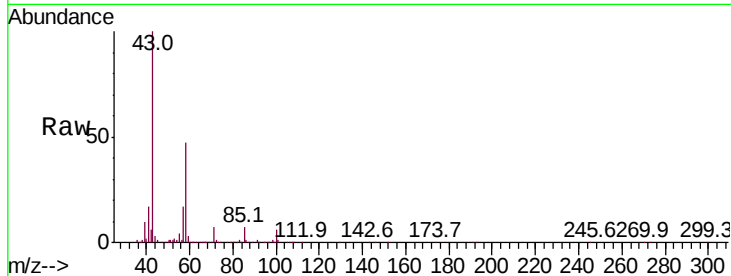
Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
43 100
58 48.
98 0.

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



#52

Tetrachloroethene

Concen: 8.908 ppbv

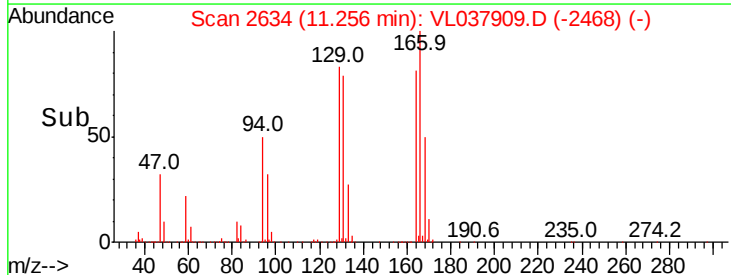
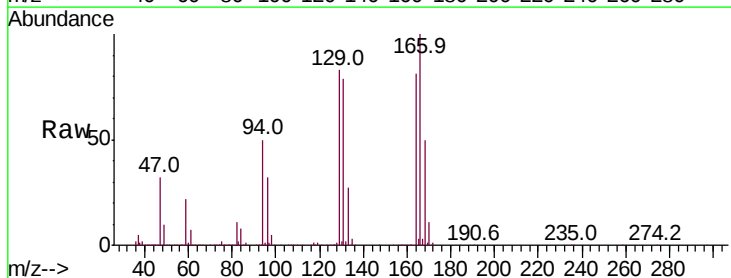
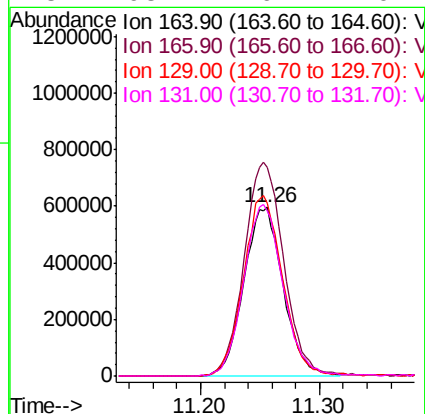
RT: 11.26 min Scan# 2634

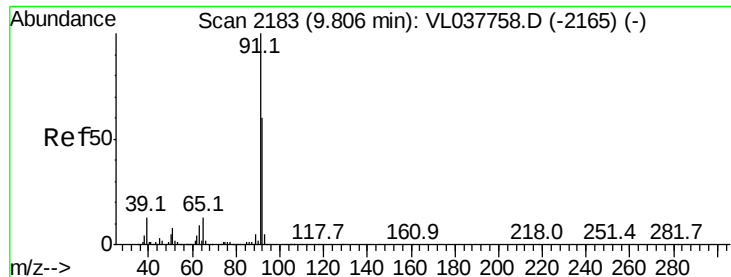
Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion:164 Resp: 1360690
Ion Ratio Lower Upper
164 100
166 123.6 95.4 143.2
129 102.7 82.2 123.4
131 98.1 79.4 119.2





#53

Toluene

Concen: 9.945 ppbv

RT: 9.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

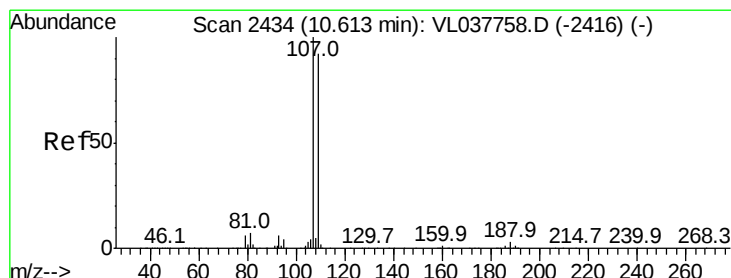
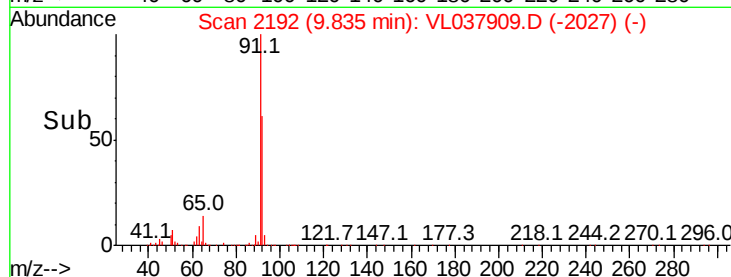
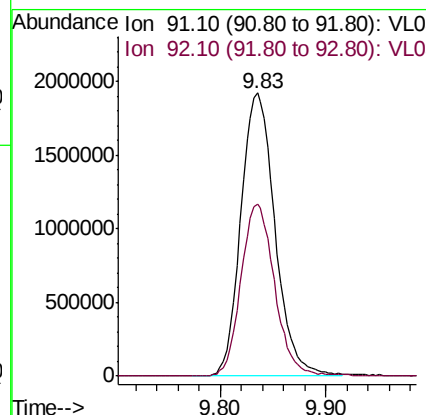
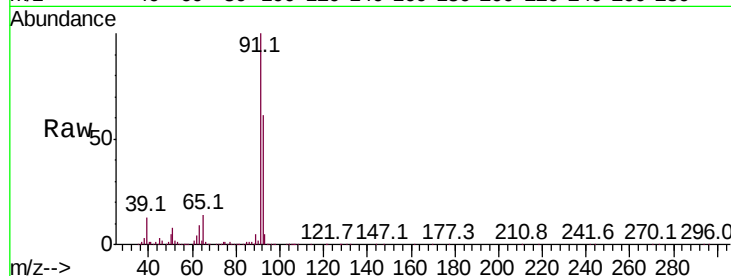
Supervised By :Mahesh Dadoda 10/29/2021

Tot Ion:

Ion Ratio

91 100

92 60.



#54

1,2-Dibromoethane

Concen: 9.736 ppbv

RT: 10.64 min Scan# 2442

Delta R.T. 0.03 min

Lab File: VL037909.D

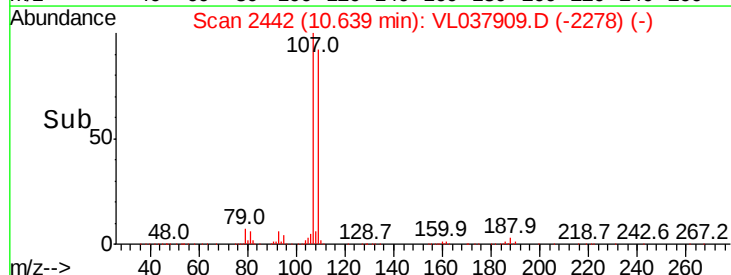
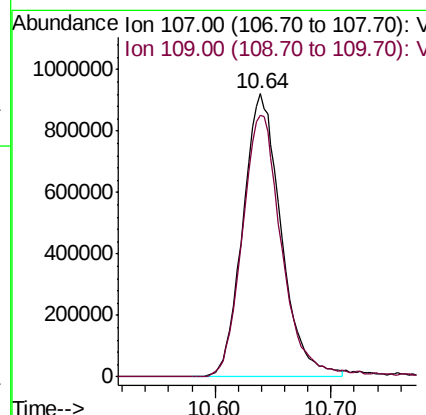
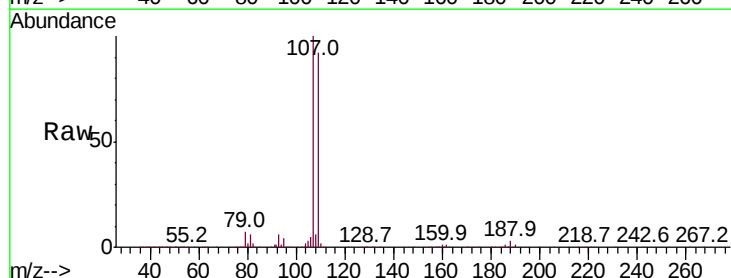
Acq: 27 Oct 2021 9:10

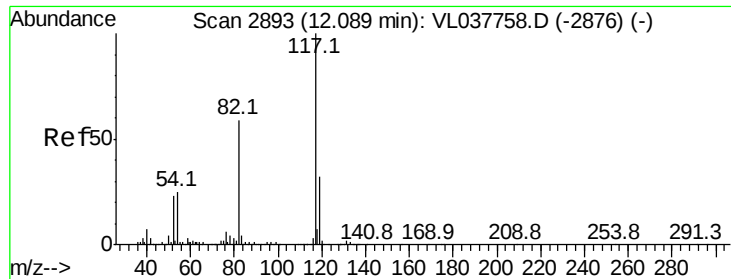
Tgt Ion:107 Resp: 2111352

Ion Ratio Lower Upper

107 100

109 92.4 73.8 110.6



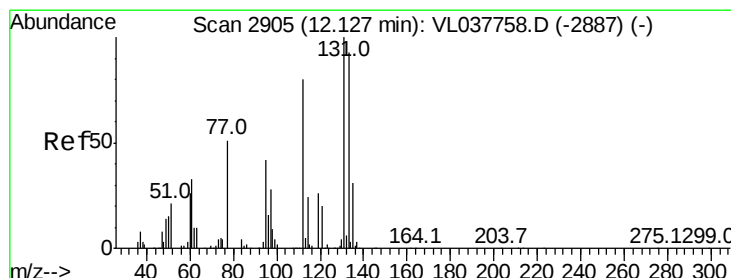
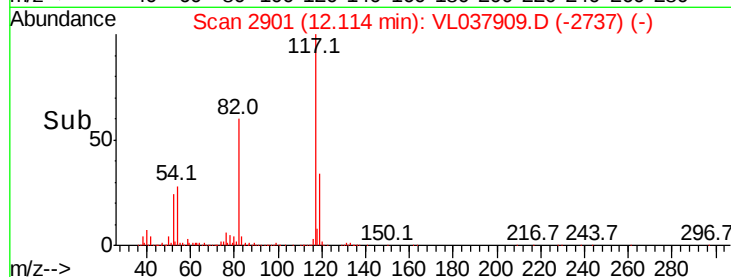
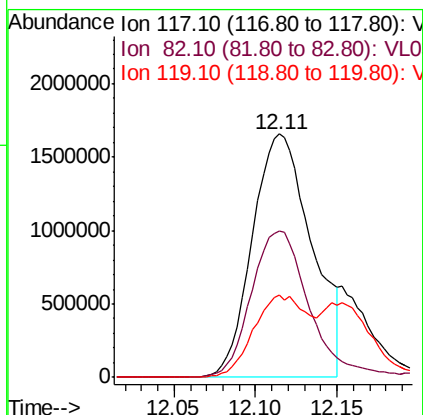
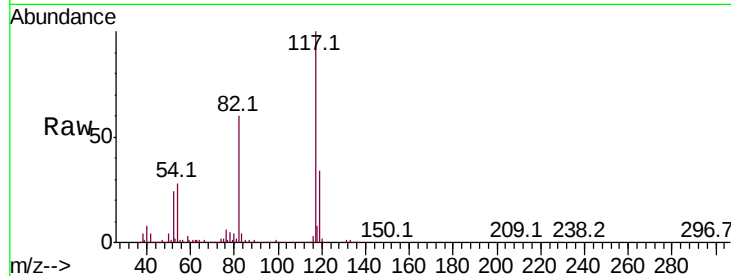


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.11
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Oct 2021 9:10

Tot Ion:1
Ion Rati
117 100
82 60.
119 58.

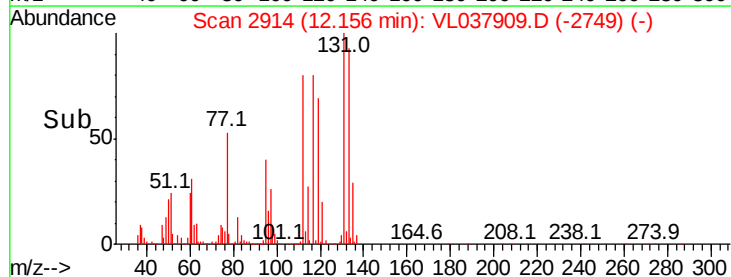
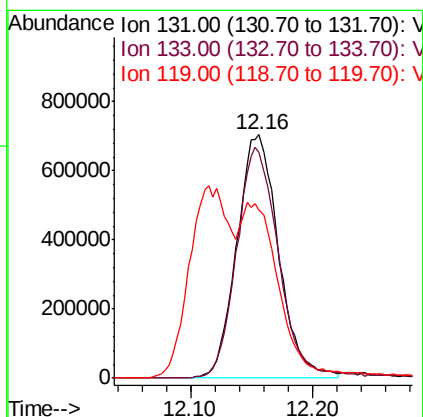
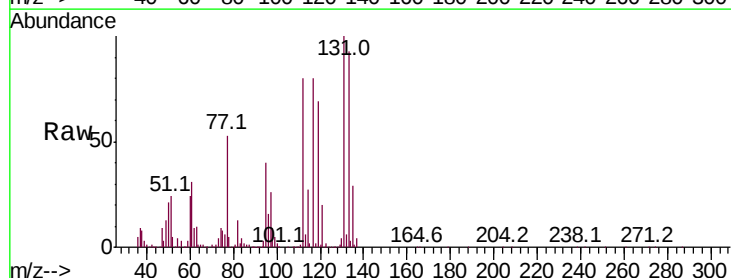
Manual Integrations
APPROVED

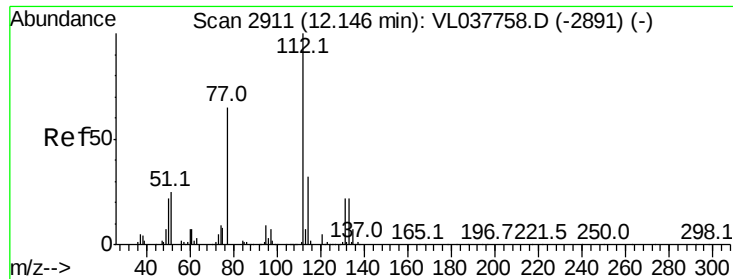
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.517 ppbv
RT: 12.16 min Scan# 2914
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion:131 Resp: 1658410
Ion Ratio Lower Upper
131 100
133 97.9 78.5 117.7
119 75.2 51.7 77.5



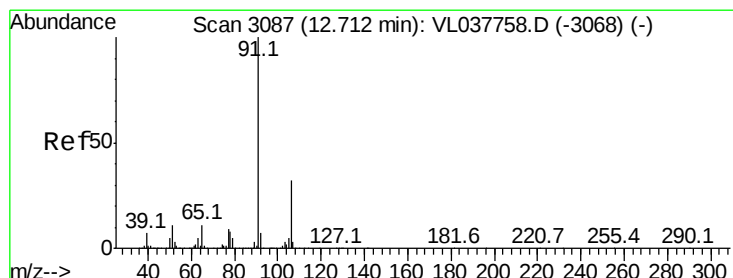
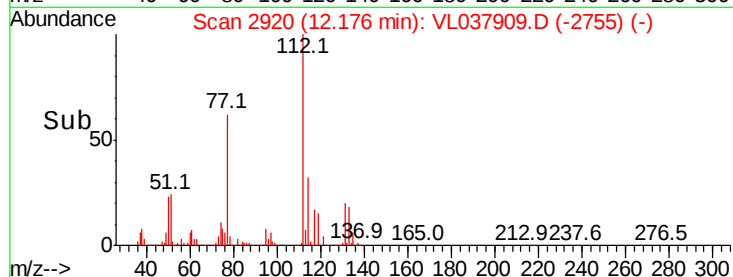
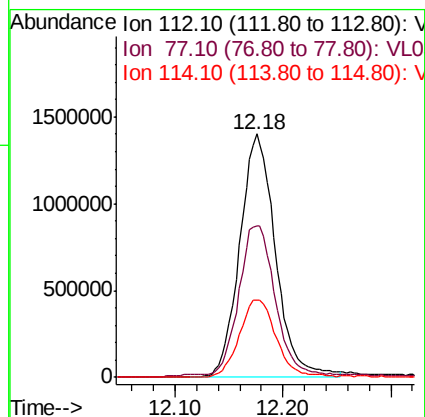
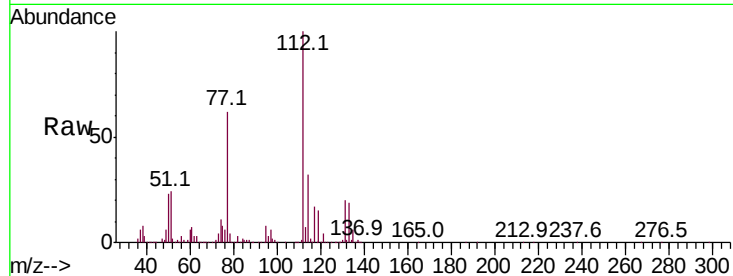


#57
Chlorobenzene
Concen: 9.383 ppbv
RT: 12.18 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VSTDCCC010
Acq: 27 Oct 2021 9:10

Tot Ion: 1
Ion Ratio
112 100
77 61.
114 31.

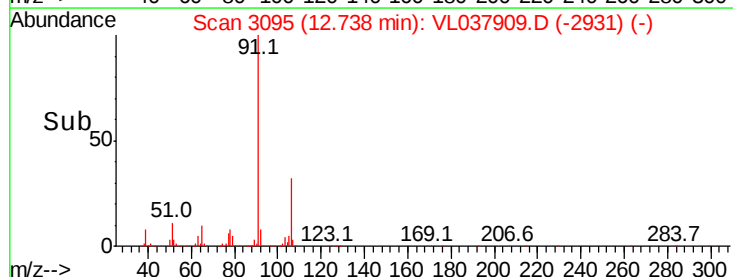
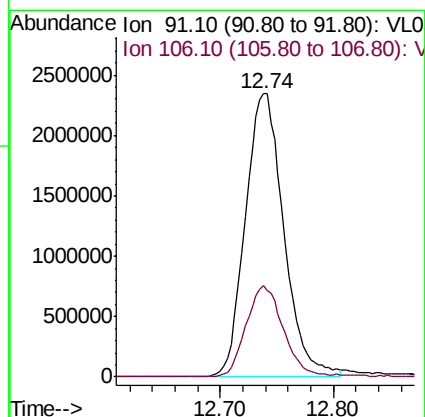
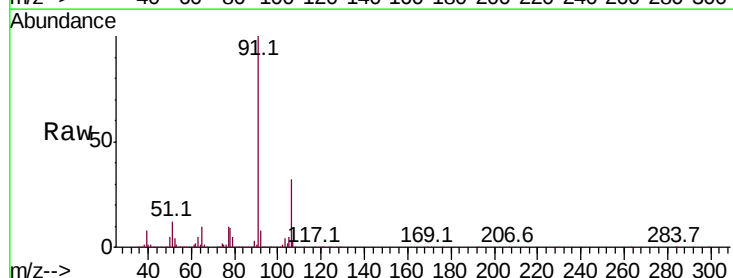
Manual Integrations
APPROVED

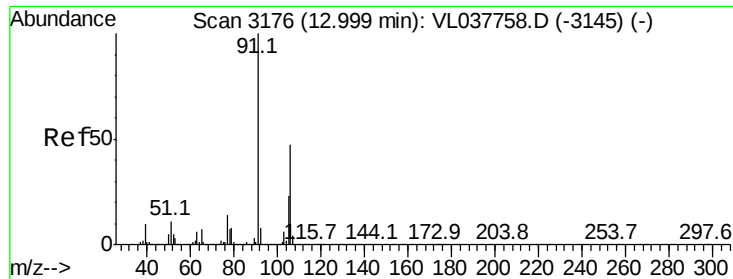
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#58
Ethyl Benzene
Concen: 9.812 ppbv
RT: 12.74 min Scan# 3095
Delta R.T.: 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 91 Resp: 5546391
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9



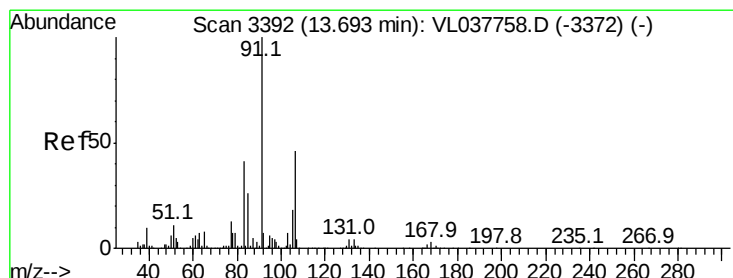
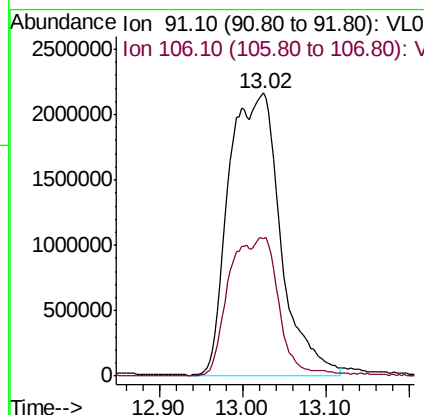
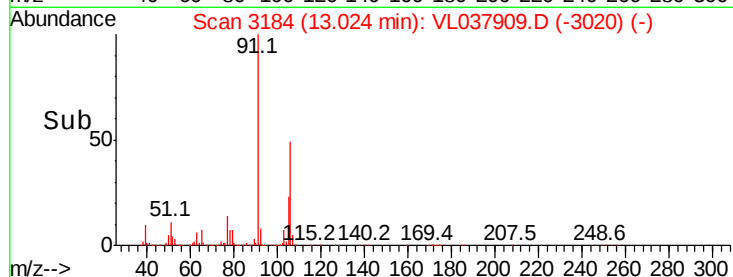
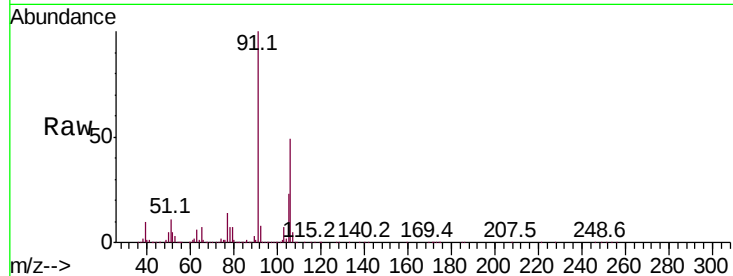


#59
m/p-Xylene
Concen: 19.316 ppbv m
RT: 13.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Oct 2021 9:10

Tot Ion:
Ion Ratio
91 100
106 47.

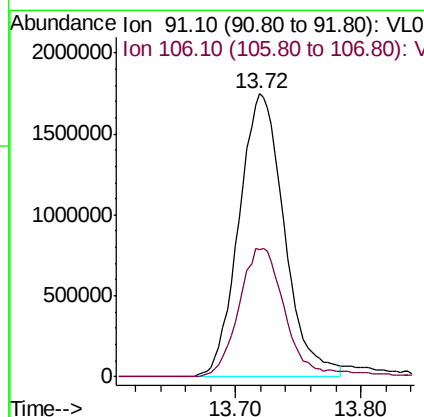
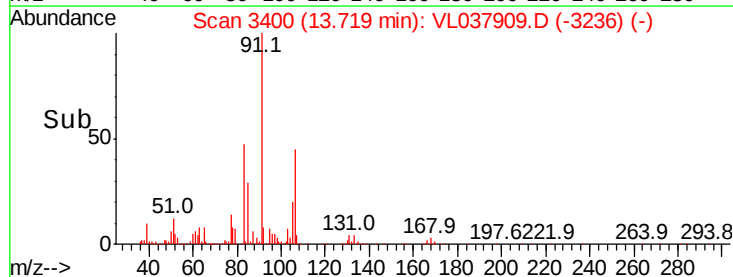
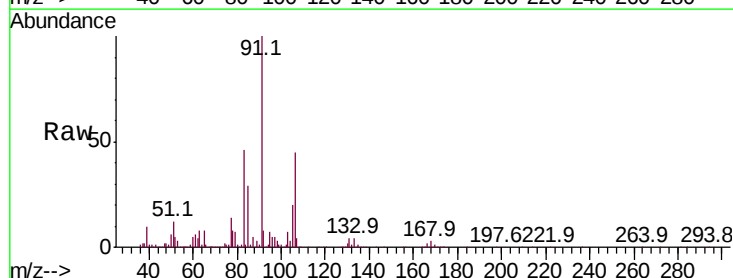
Manual Integrations
APPROVED

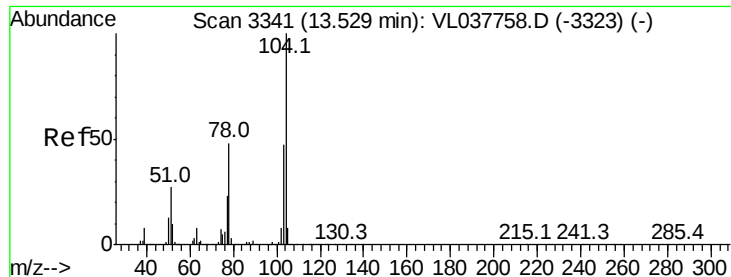
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#60
o-Xylene
Concen: 9.364 ppbv
RT: 13.72 min Scan# 3400
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 91 Resp: 4353924
Ion Ratio Lower Upper
91 100
106 48.2 23.5 70.5





#61

Stvrene

Concen: 10.766 ppbv

RT: 13.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Oct 2021 9:10

Tot Ion:1

Ion Ratio

104 100

78 50.

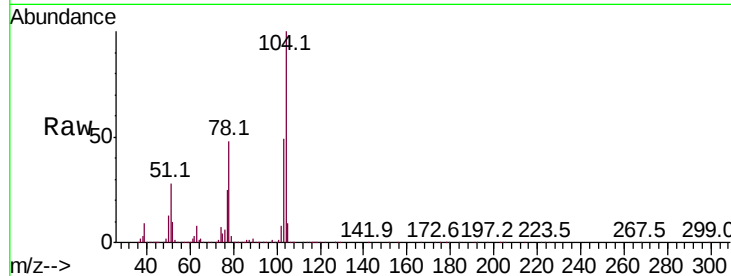
103 49.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/28/2021

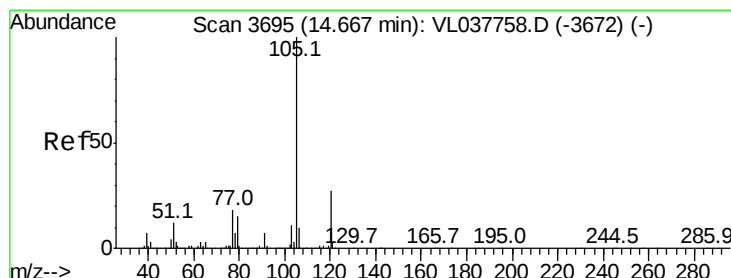
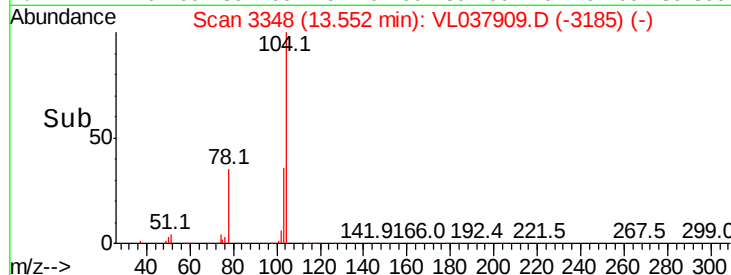
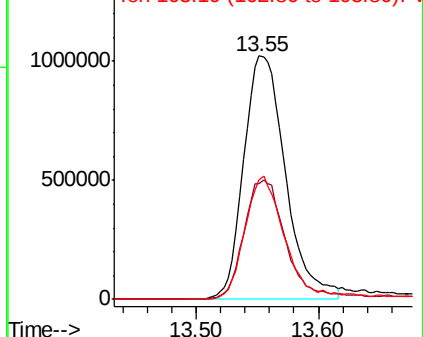
Supervised By :Mahesh Dadoda 10/29/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 9.421 ppbv

RT: 14.70 min Scan# 3704

Delta R.T. 0.03 min

Lab File: VL037909.D

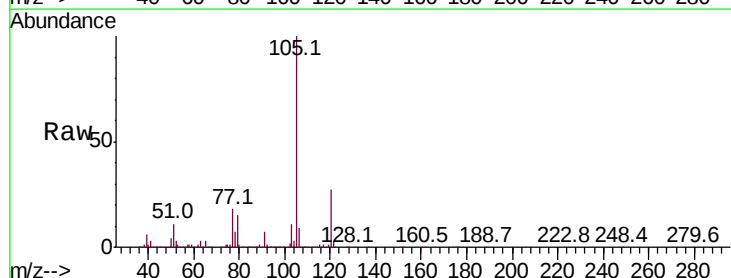
Acq: 27 Oct 2021 9:10

Tgt Ion:105 Resp: 6110238

Ion Ratio Lower Upper

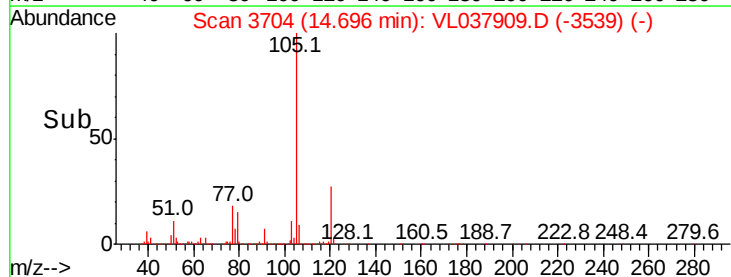
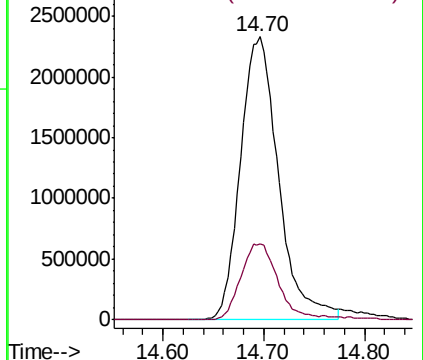
105 100

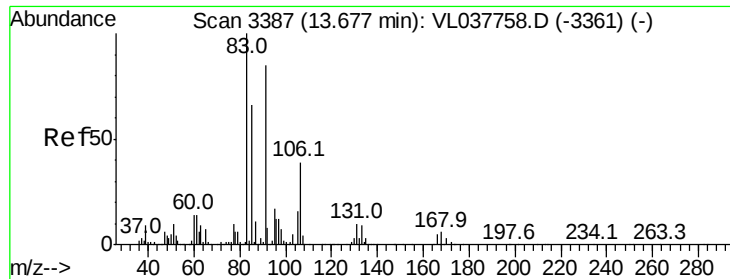
120 27.4 21.3 31.9



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



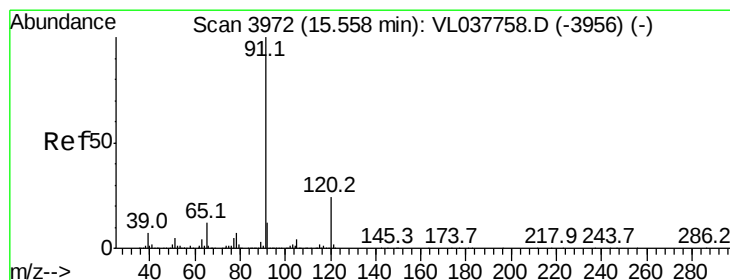
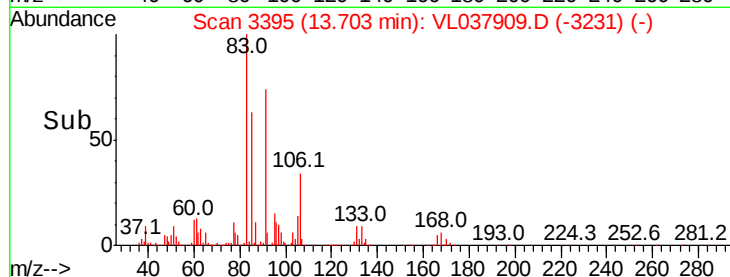
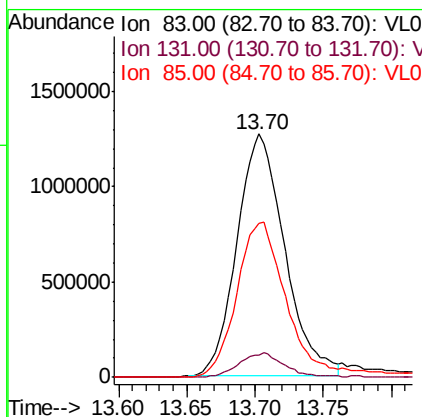
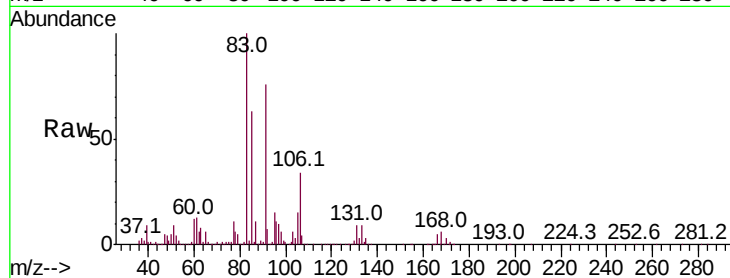


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.635 ppbv
 RT: 13.70 min
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Manual Integrations
 APPROVED

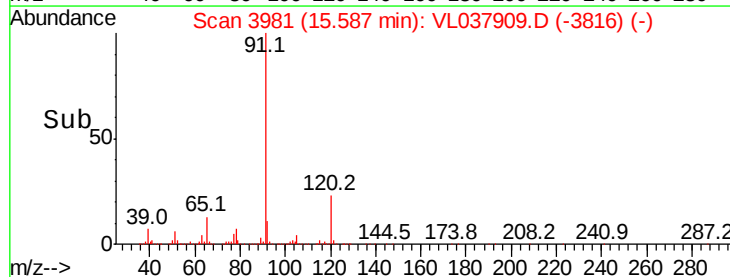
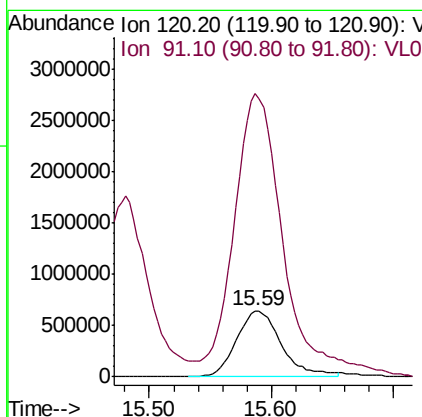
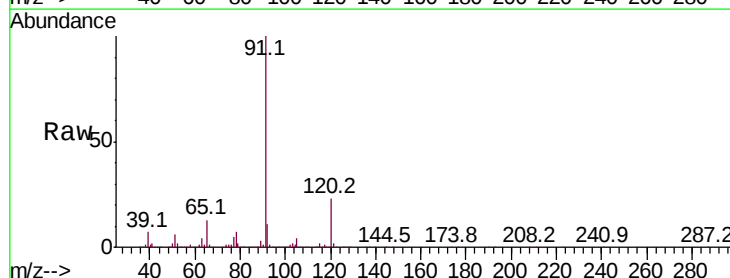
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

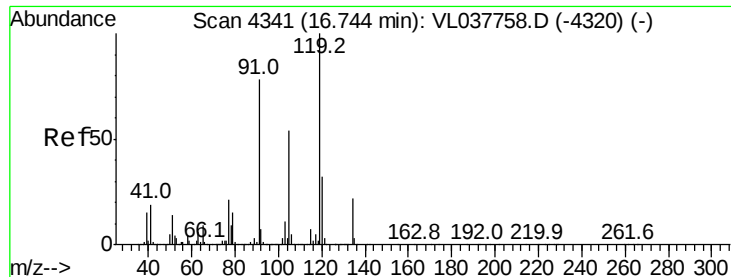
Tot Ion:
 Ion Ratio
 83 100
 131 10.0
 85 69.0



#64
 n-propylbenzene
 Concen: 10.186 ppbv
 RT: 15.59 min Scan# 3981
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion:120 Resp: 1647440
 Ion Ratio Lower Upper
 120 100
 91 470.1 375.0 562.6



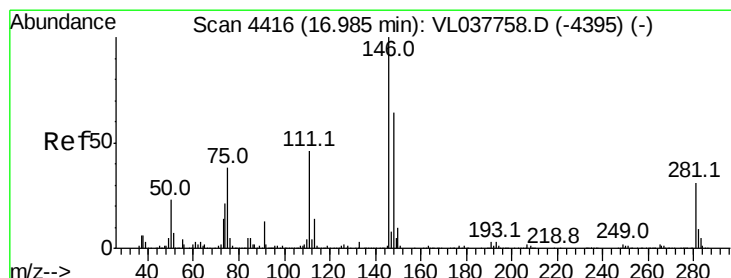
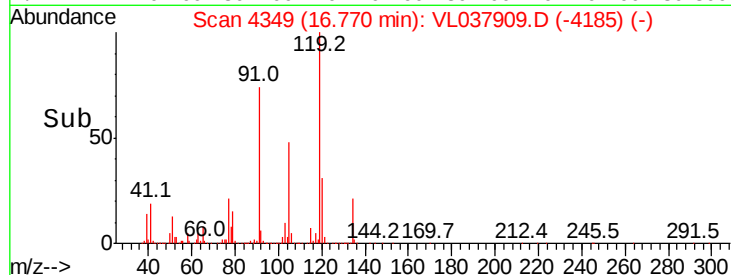
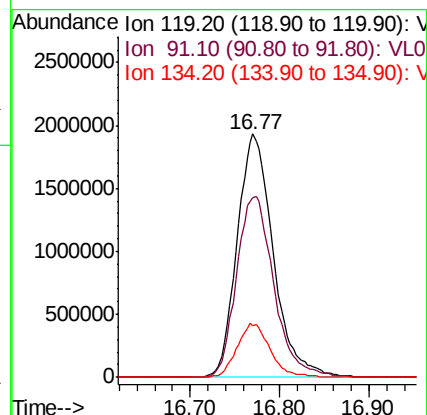
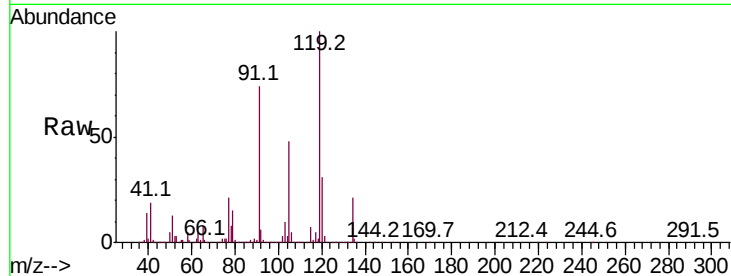


#65
tert-Butylbenzene
Concen: 9.515 ppbv
RT: 16.77 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 27 Oct 2021 9:10

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

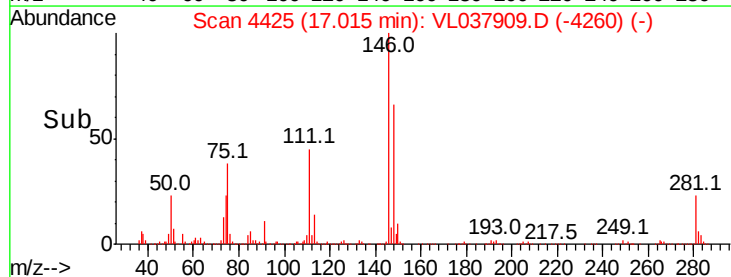
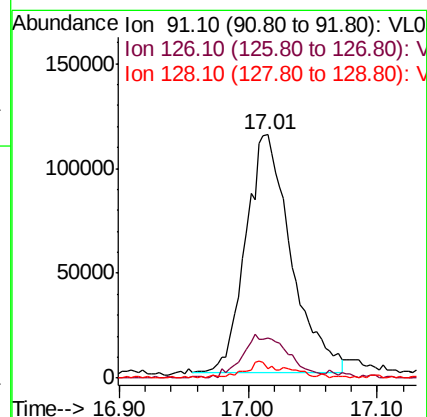
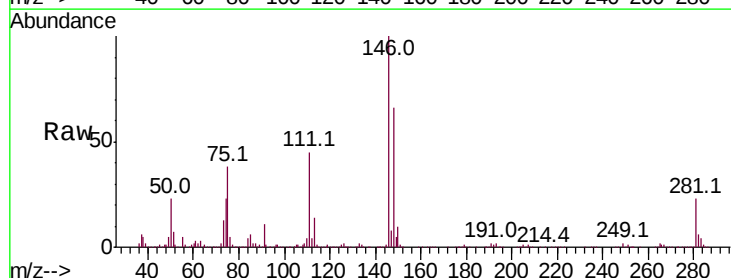
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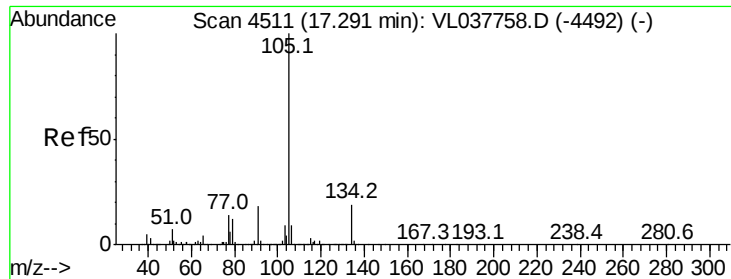
Reviewed By : Semsettin Yesilyurt 10/28/2021
Supervised By : Mahesh Dadoda 10/29/2021



#66
Benzyl Chloride
Concen: 9.933 ppbv
RT: 17.01 min Scan# 4425
Delta R.T. 0.03 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion: 91 Resp: 279779
Ion Ratio Lower Upper
91 100
126 20.2 0.0 0.0#
128 6.9 5.3 7.9



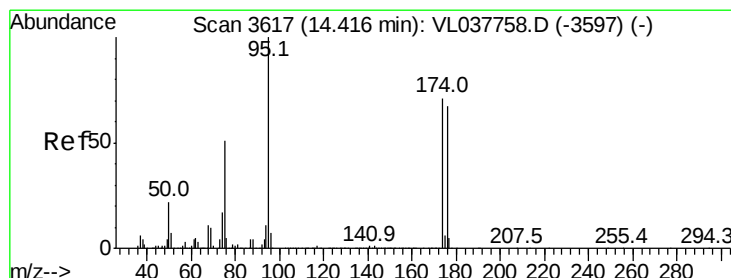
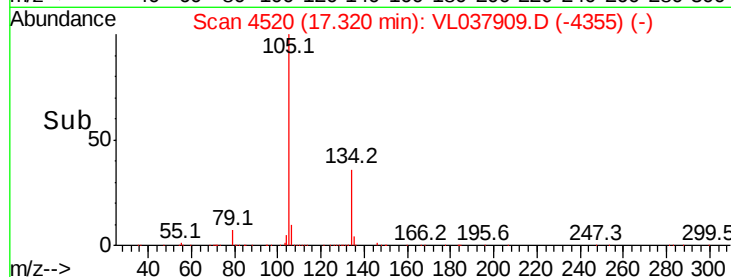
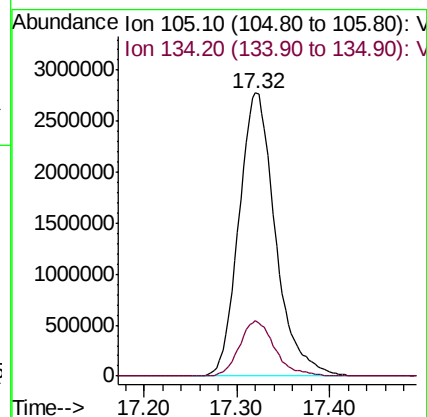
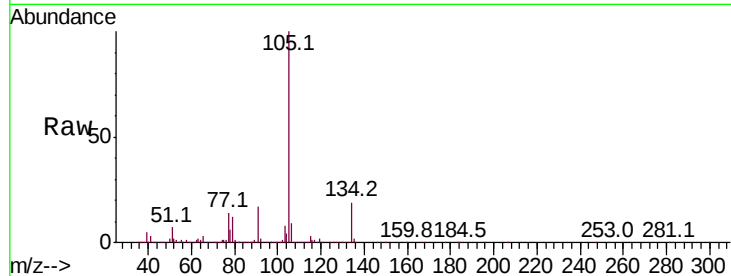


#67
 sec-Butylbenzene
 Concen: 9.702 ppbv
 RT: 17.32
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

Tot Ion:1
 Ion Rati
 105 100
 134 19.

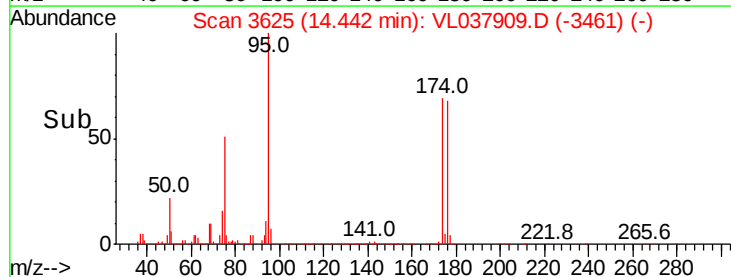
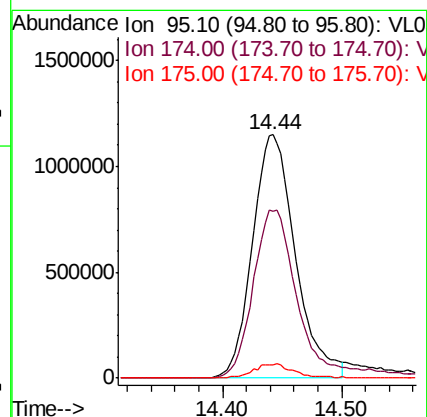
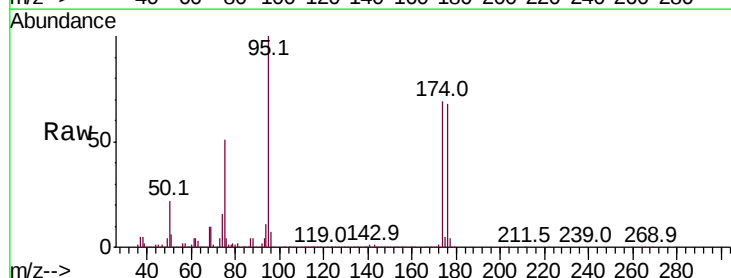
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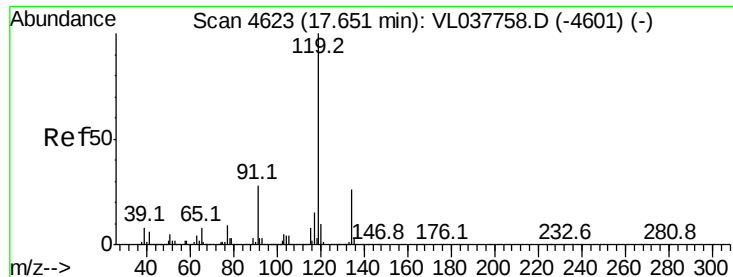
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.759 ppbv
 RT: 14.44 min Scan# 3625
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion: 95 Resp: 2872644
 Ion Ratio Lower Upper
 95 100
 174 74.2 57.8 86.6
 175 5.9 4.7 7.1



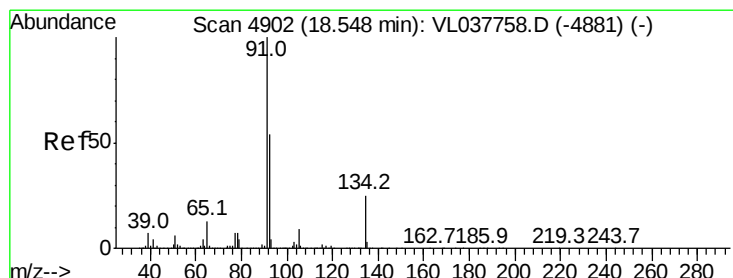
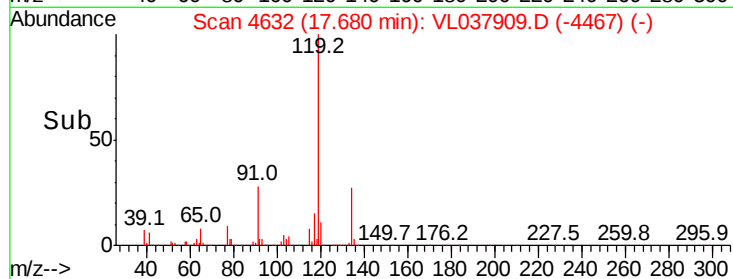
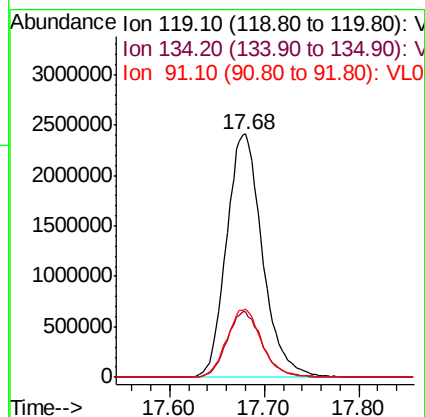
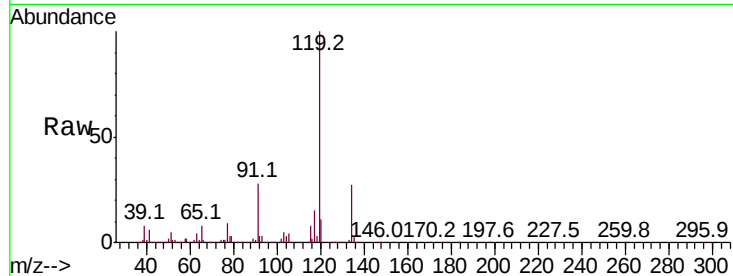


#69
 p-Isopropyltoluene
 Concen: 10.035 ppbv
 RT: 17.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

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

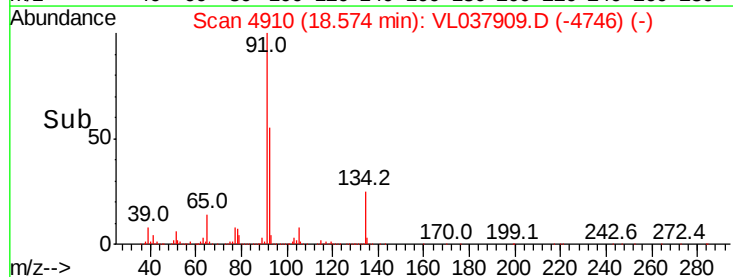
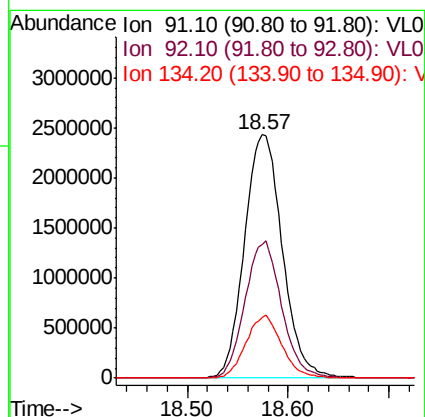
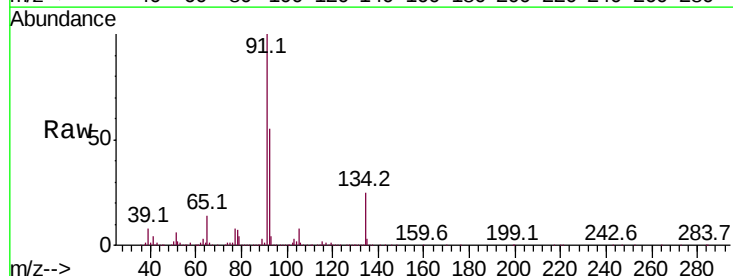
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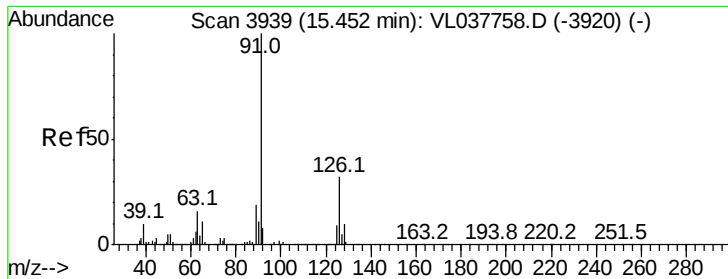
Reviewed By : Semsettin Yesilyurt 10/28/2021
 Supervised By : Mahesh Dadoda 10/29/2021



#70
 n-Butylbenzene
 Concen: 10.539 ppbv
 RT: 18.57 min Scan# 4910
 Delta R.T.: 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion: 91 Resp: 6318054
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.4 65.0
 134 24.6 19.8 29.6



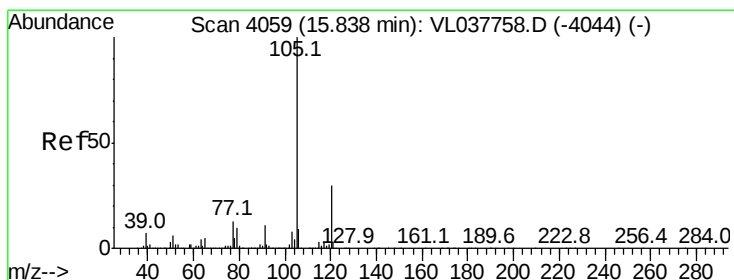
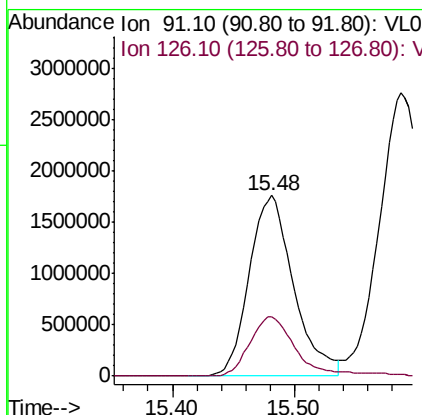
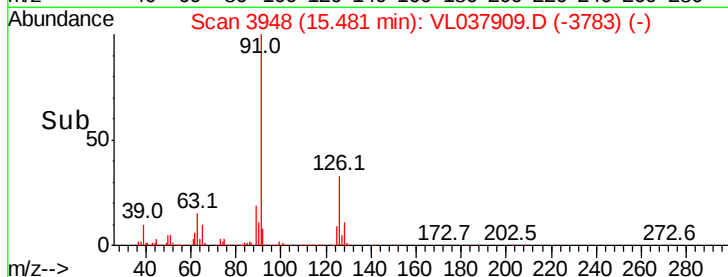
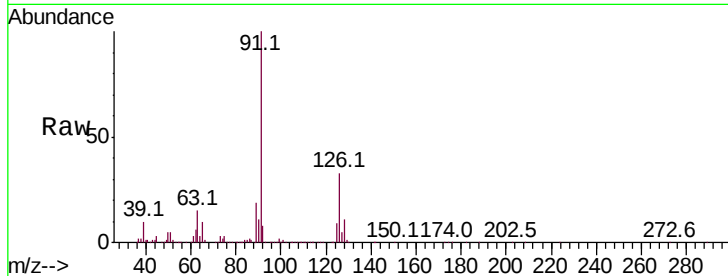


#71
 2-Chlorotoluene
 Concen: 9.675 ppbv
 RT: 15.48 min
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

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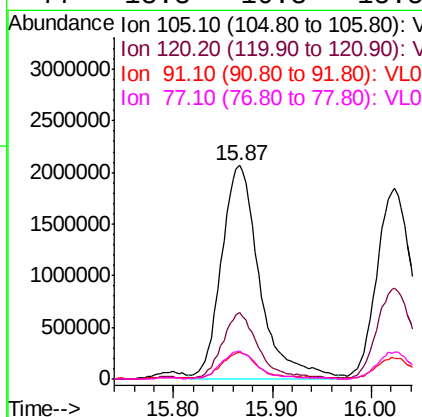
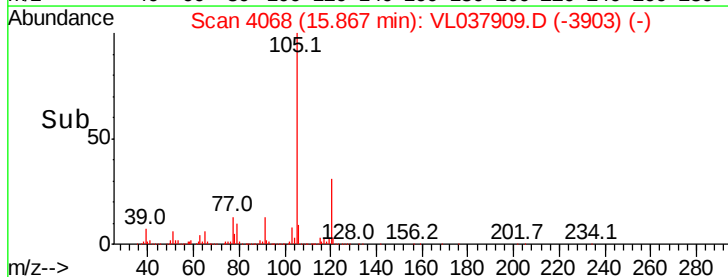
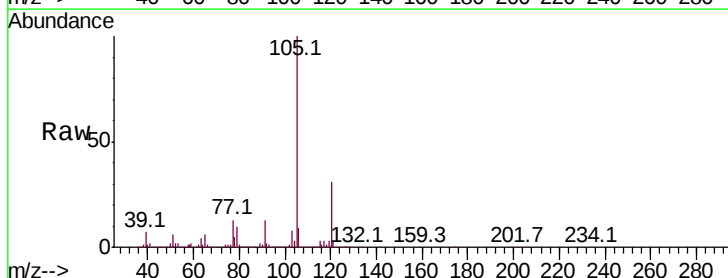
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021

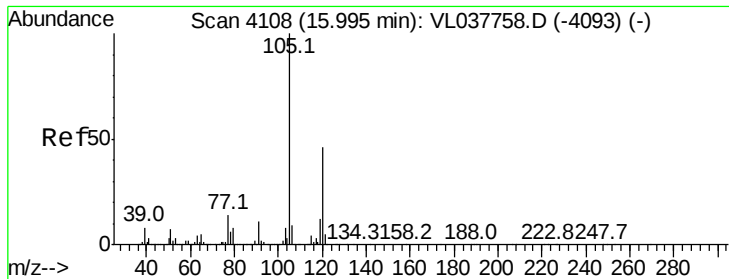
Tot Ion:
 Ion Ratio
 91 100
 126 35.



#72
 4-Ethyltoluene
 Concen: 10.565 ppbv
 RT: 15.87 min Scan# 4068
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion:105 Resp: 5578089
 Ion Ratio Lower Upper
 105 100
 120 29.8 24.2 36.2
 91 11.7 10.4 15.6
 77 13.3 10.3 15.5



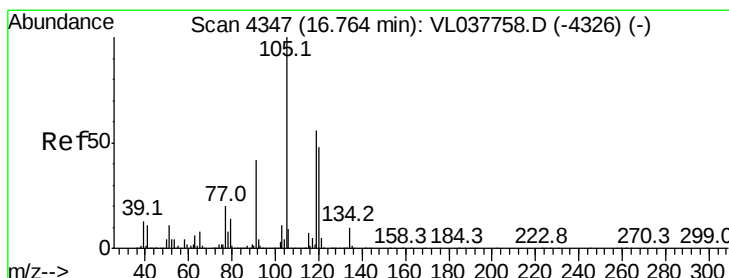
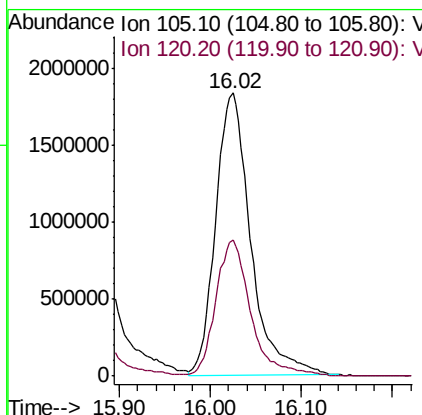
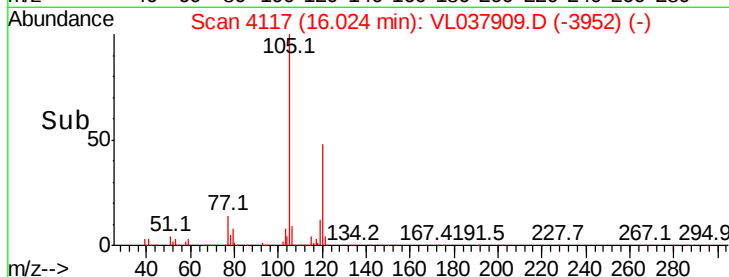
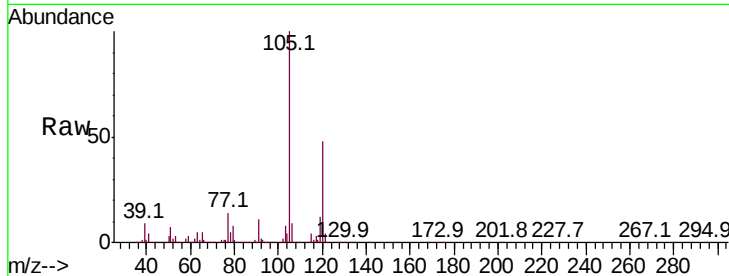


#73
 1,3,5-Trimethylbenzene
 Concen: 10.273 ppbv
 RT: 16.02 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 27 Oct 2021 9:10

Tot Ion:1
 Ion Rati
 105 100
 120 47.

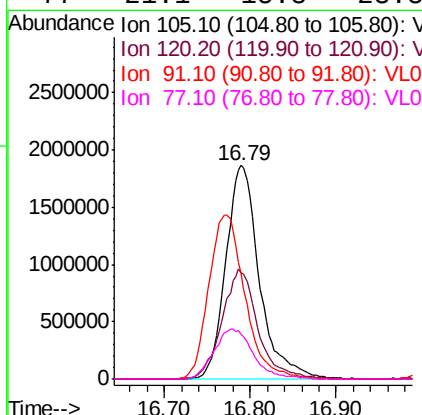
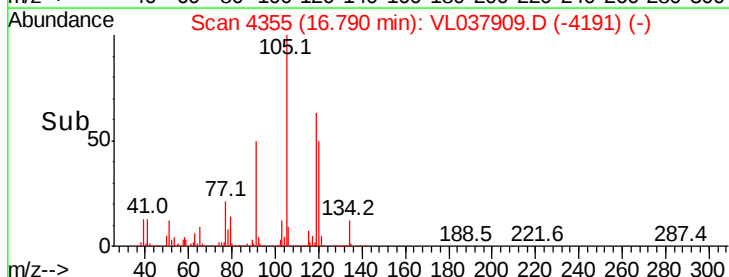
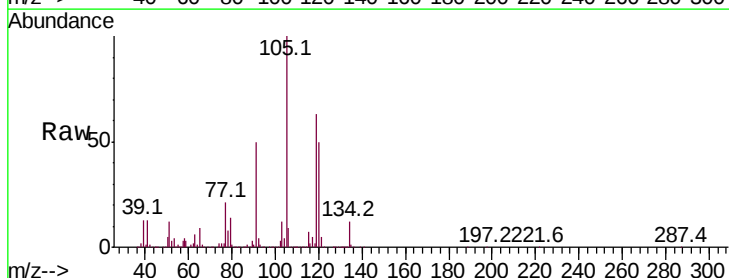
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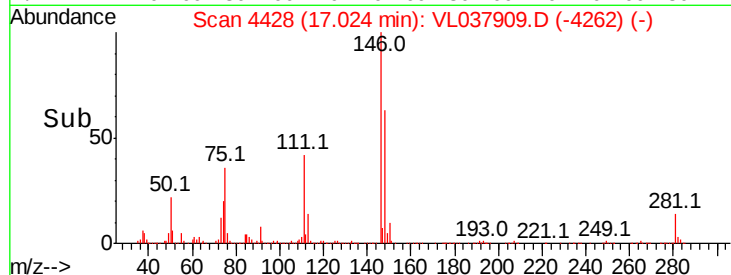
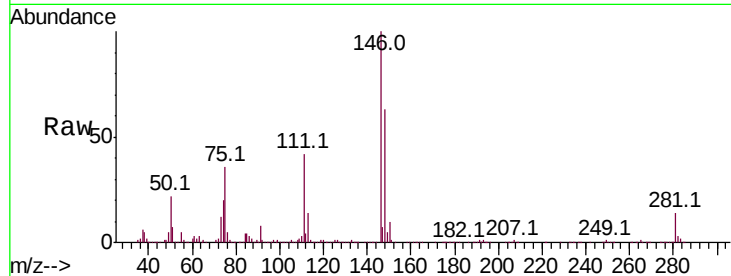
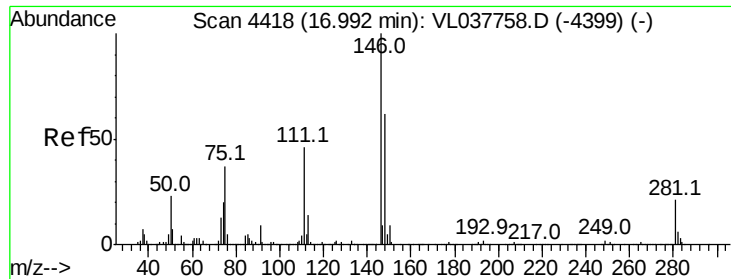
Reviewed By :Semsettin Yesilyurt 10/28/2021
 Supervised By :Mahesh Dadoda 10/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.997 ppbv
 RT: 16.79 min Scan# 4355
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion:105 Resp: 5034653
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.4 57.6
 91 49.7 34.2 51.2
 77 21.1 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 9.954 ppbv

RT: 17.02

Delta R.T. MSVOA_L

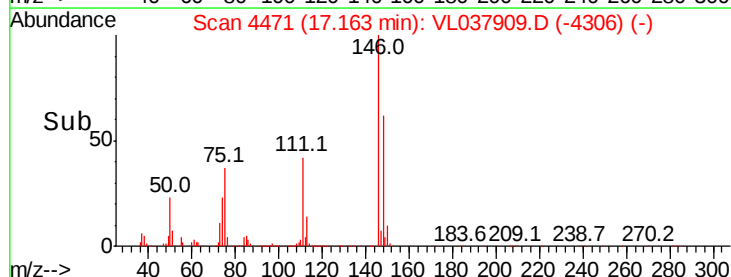
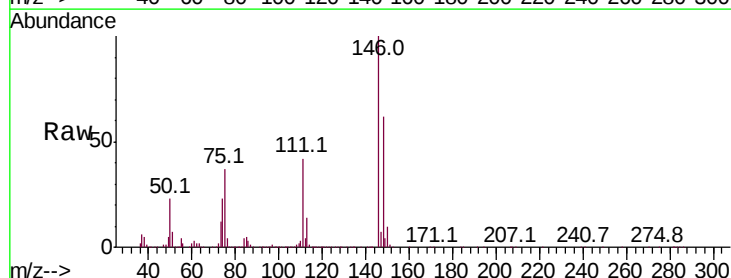
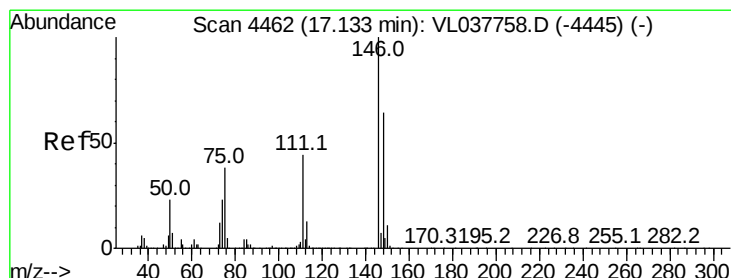
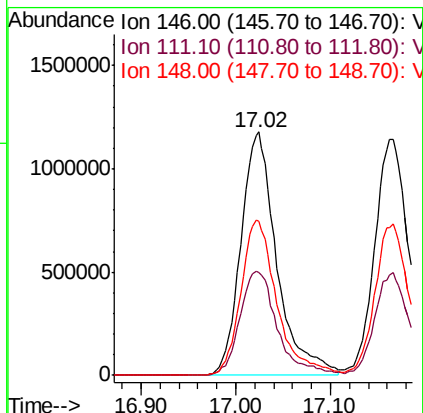
Lab File: ClientSampleId:

Acq: 27 Oct 2021 9:10

Tot Ion:1
Ion Rati
146 100
111 44.
148 64.

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Supervised By :Mahesh Dadoda 10/29/2021



#76

1,4-Dichlorobenzene

Concen: 9.517 ppbv

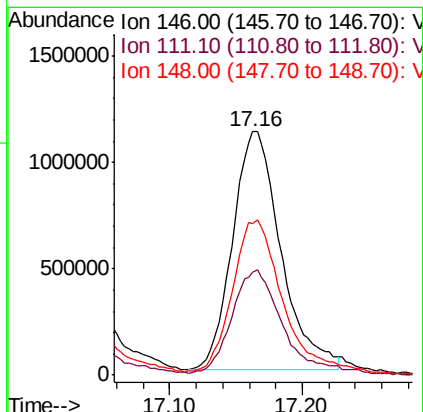
RT: 17.16 min Scan# 4471

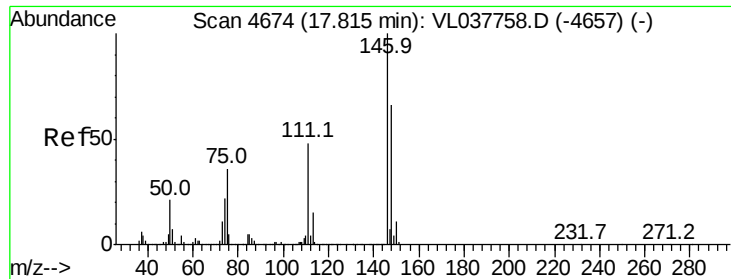
Delta R.T. 0.03 min

Lab File: VL037909.D

Acq: 27 Oct 2021 9:10

Tgt Ion:146 Resp: 2832753
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.3
148 69.6 33.3 99.9



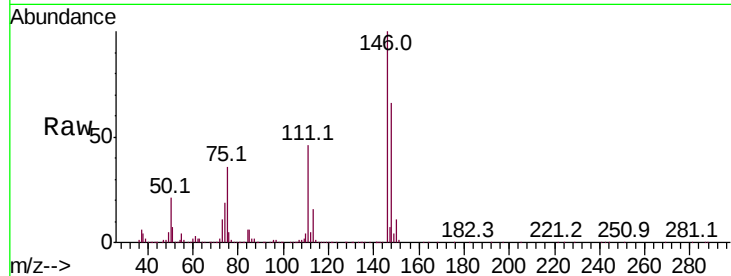


#77
 1,2-Dichlorobenzene
 Concen: 9.861 ppbv
 RT: 17.84 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

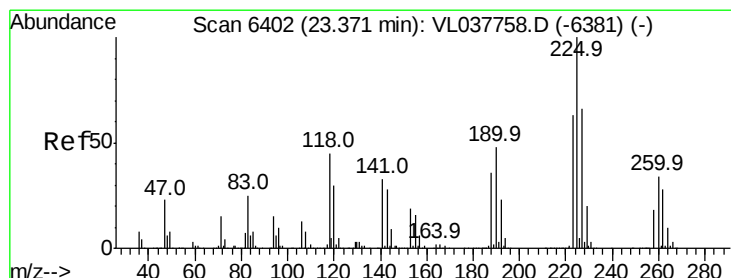
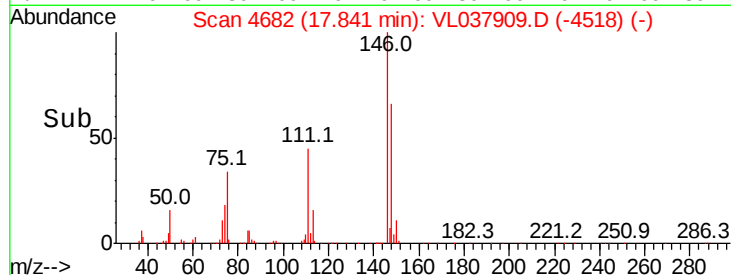
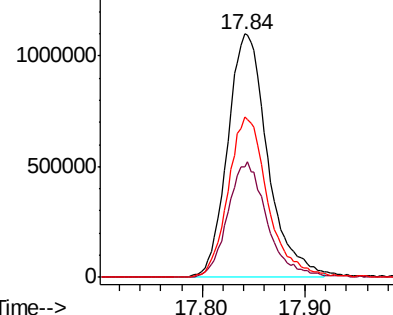
Tot Ion:1
 Ion Rati
 146 100
 111 46.
 148 65.

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

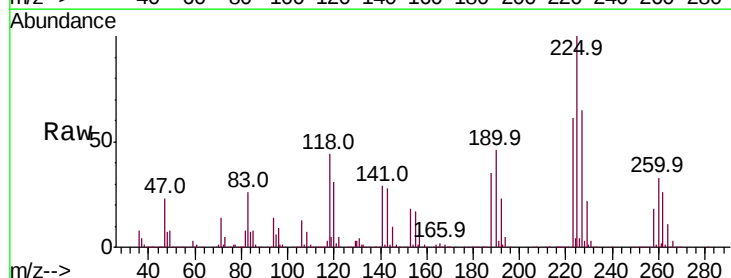


Abundance Ion 146.00 (145.70 to 146.70): V
 1500000
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

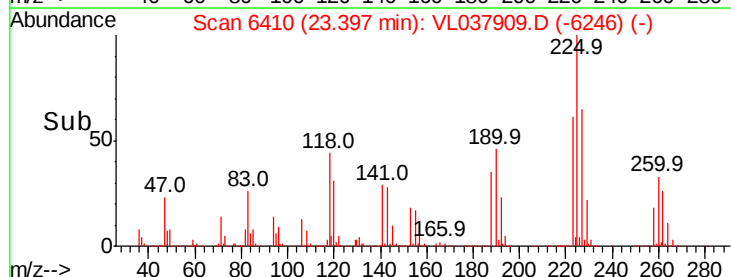
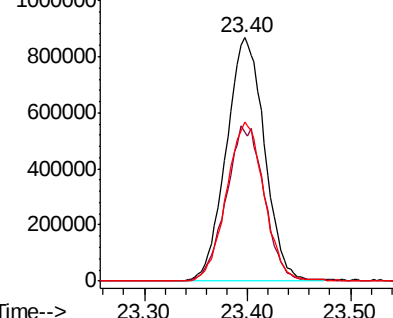


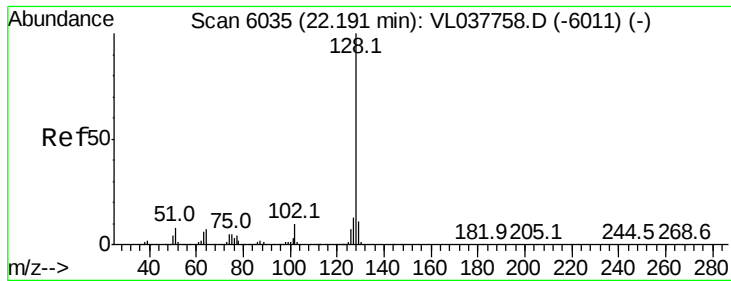
#78
 Hexachloro-1,3-Butadiene
 Concen: 9.143 ppbv
 RT: 23.40 min Scan# 6410
 Delta R.T. 0.03 min
 Lab File: VL037909.D
 Acq: 27 Oct 2021 9:10

Tgt Ion:225 Resp: 2237678
 Ion Ratio Lower Upper
 225 100
 223 63.9 51.2 76.8
 227 64.5 51.1 76.7



Abundance Ion 224.90 (224.60 to 225.60): V
 1200000
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



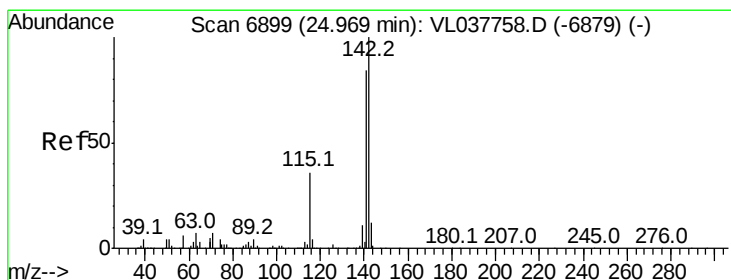
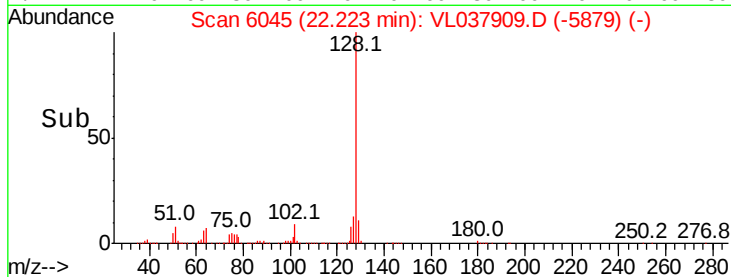
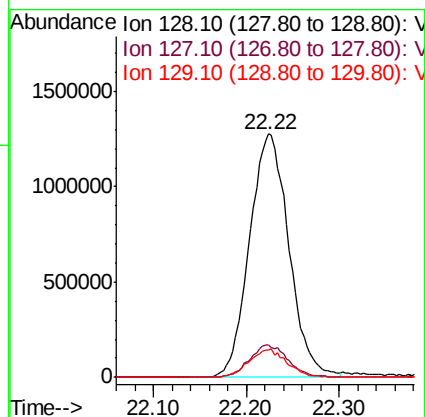
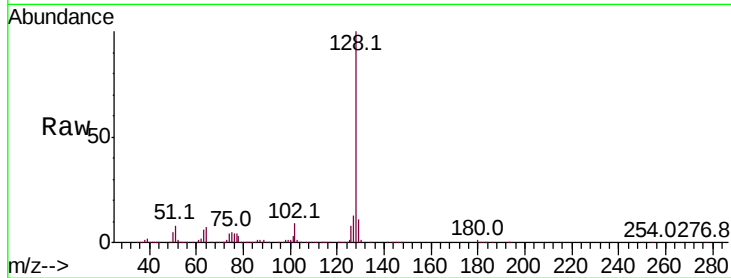


#79
Naphthalene
Concen: 12.226 ppbv
RT: 22.22 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 27 Oct 2021 9:10

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

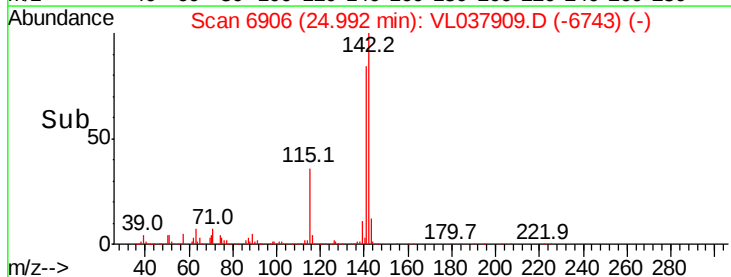
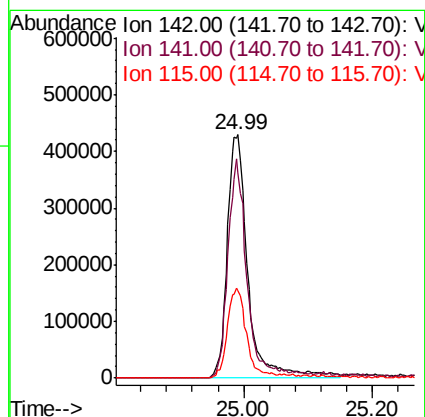
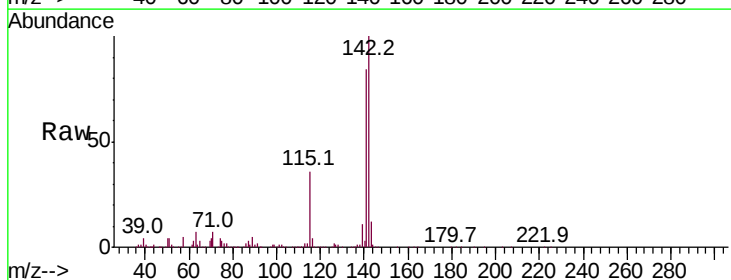
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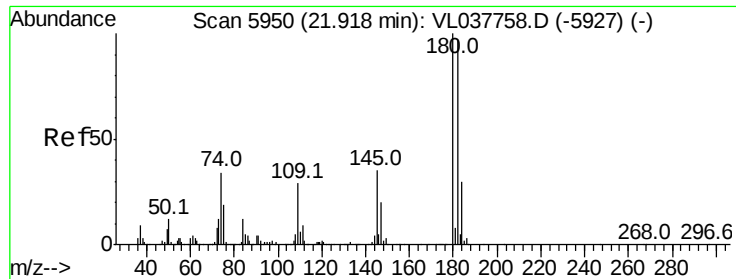
Reviewed By :Semsettin Yesilyurt 10/28/2021
Supervised By :Mahesh Dadoda 10/29/2021



#80
Naphthalene, 2-methyl-
Concen: 11.620 ppbv
RT: 24.99 min Scan# 6906
Delta R.T.: 0.02 min
Lab File: VL037909.D
Acq: 27 Oct 2021 9:10

Tgt Ion:142 Resp: 962345
Ion Ratio Lower Upper
142 100
141 86.0 68.6 102.8
115 35.5 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.442 ppbv
 RT: 21.95
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 27 Oct 2021 9:10

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

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

