

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050621\
 Data File : VL036896.D
 Acq On : 6 May 2021 9:32
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021

Quant Time: May 07 08:17:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1505847	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3741629	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3386206m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2958257	10.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	2264200	9.547	ppbv	99
3) Chlorodifluoromethane	2.99	51	2790780	10.175	ppbv	100
4) Chloromethane	3.14	50	972649	10.789	ppbv	96
5) Vinyl Chloride	3.26	62	946152	10.405	ppbv	96
6) Bromomethane	3.47	94	519140	10.616	ppbv	99
7) Chloroethane	3.56	64	333695	11.167	ppbv	89
8) Dichlorotetrafluoroethane	3.19	85	2310406	10.681	ppbv	98
9) Propene	3.01	41	872700	10.441	ppbv	100
10) Heptane	8.12	43	2270097	10.799	ppbv	96
11) Trichlorofluoromethane	3.95	101	2218853	10.481	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1493202	10.539	ppbv	98
13) Ethanol	3.62	45	80770	7.578	ppbv	86
14) Bromoethene	3.74	108	618566	10.686	ppbv	98
15) Acetone	3.85	43	1262187	8.893	ppbv	99
16) 1,3-Butadiene	3.33	39	943380	10.395	ppbv	98
17) tert-Butyl alcohol	4.29	59	1427815	12.394	ppbv	99
18) 1,1-Dichloroethene	4.29	96	617407	10.027	ppbv	99
19) Isopropyl Alcohol	3.97	45	870207	12.374	ppbv #	97
20) Methylene Chloride	4.35	84	536860	7.910	ppbv	90
21) Allyl Chloride	4.41	41	1053500	9.989	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	595831	9.643	ppbv	98
23) Vinyl Acetate	5.08	43	2355017	12.198	ppbv #	98
24) 1,1-Dichloroethane	5.02	63	1641887	11.980	ppbv	99
25) Ethyl Acetate	5.68	43	3483243	10.047	ppbv	99
26) Hexane	5.69	57	1612593	9.942	ppbv	98
27) Carbon Disulfide	4.55	76	1651243	11.720	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1822356	12.675	ppbv	100
29) Chloroform	5.75	83	2683288	10.611	ppbv	98
30) Cyclohexane	7.13	84	1441402	11.206	ppbv	94
31) cis-1,2-Dichloroethene	5.55	61	1597225	10.970	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2677250	10.411	ppbv	99
34) 2-Butanone	5.25	43	1673411	10.210	ppbv	100
35) Carbon Tetrachloride	7.02	117	2836129	11.171	ppbv	99
36) Benzene	6.89	78	3437215	10.903	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1974261	11.059	ppbv	99
38) Trichloroethene	7.83	130	1265832	11.278	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1361886	10.783	ppbv	97
40) 1,4-Dioxane	7.83	88	364313m	11.945	ppbv	
41) Tetrahydrofuran	6.06	42	772924	10.780	ppbv	98
42) Bromodichloromethane	7.79	83	2868140	11.563	ppbv	99
43) Methyl Methacrylate	8.02	69	1241200	12.066	ppbv	96

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 ClientSampleId :
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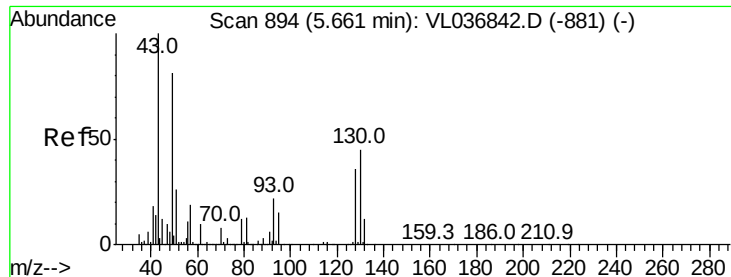
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5824446	10.781	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1365078	12.310	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	1750711	12.313	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	1433806	10.965	ppbv	98
48) Dibromochloromethane	10.31	129	2308114	11.912	ppbv	98
49) Bromoform	13.04	173	1898817	12.276	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	2585064	11.539	ppbv	98
51) 2-Hexanone	10.14	43	1293478	11.576	ppbv #	99
52) Tetrachloroethene	11.22	164	1149568	10.709	ppbv	98
53) Toluene	9.81	91	3873464	11.742	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1995544	10.810	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1583212	11.152	ppbv #	64
57) Chlorobenzene	12.15	112	2871117	10.886	ppbv	97
58) Ethyl Benzene	12.71	91	5160020	12.014	ppbv	99
59) m/p-Xylene	13.00	91	8861393m	23.084	ppbv	
60) o-Xylene	13.69	91	4213118	11.351	ppbv	100
61) Styrene	13.53	104	2385822	13.688	ppbv	98
62) Isopropylbenzene	14.67	105	5586446	11.062	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3114729	10.468	ppbv	99
64) n-propylbenzene	15.56	120	1484385	11.794	ppbv	98
65) tert-Butylbenzene	16.74	119	4972419	11.137	ppbv	99
66) Benzyl Chloride	16.99	91	498450	11.418	ppbv	100
67) sec-Butylbenzene	17.29	105	7002912	11.295	ppbv	100
69) p-Isopropyltoluene	17.65	119	5762277	11.593	ppbv	99
70) n-Butylbenzene	18.55	91	5962469	11.901	ppbv	99
71) 2-Chlorotoluene	15.45	91	4327586	11.571	ppbv	100
72) 4-Ethyltoluene	15.84	105	4857371	12.193	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	4439543	11.491	ppbv	100
74) 1,2,4-Trimethylbenzene	16.76	105	4638534	11.302	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	2663275	10.978	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	2558217	10.775	ppbv	98
77) 1,2-Dichlorobenzene	17.82	146	2571671	10.853	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1847395	9.175	ppbv	100
79) Naphthalene	22.20	128	2906678	12.646	ppbv	97
80) Naphthalene, 2-methyl-	24.98	142	468176	18.471	ppbv	95
81) 1,2,4-Trichlorobenzene	21.93	180	1679787	11.298	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

49 100

128 48.

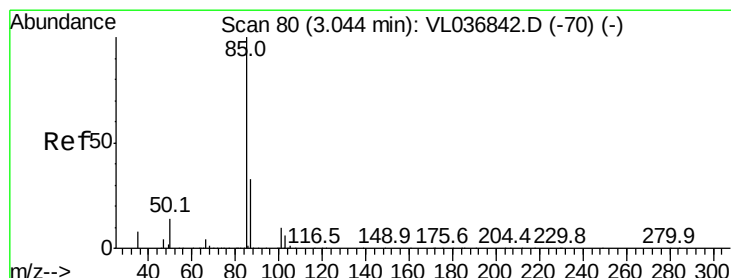
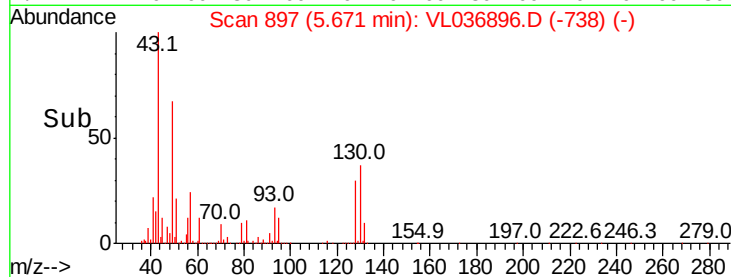
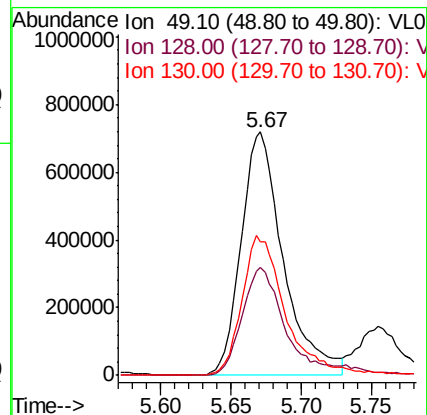
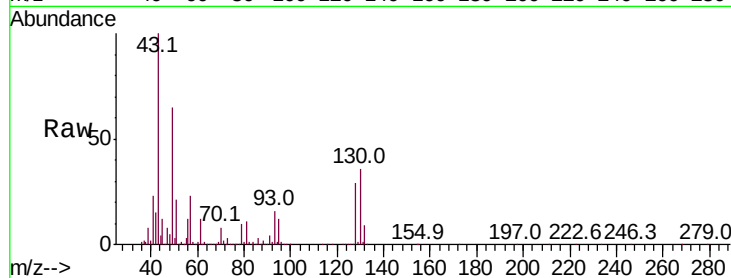
130 60.

Manual Integrations

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Supervised By :Mahesh Dadoda 05/10/2021



#2

Dichlorodifluoromethane

Concen: 9.547 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL036896.D

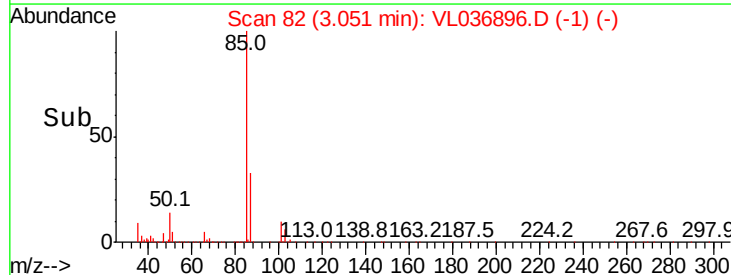
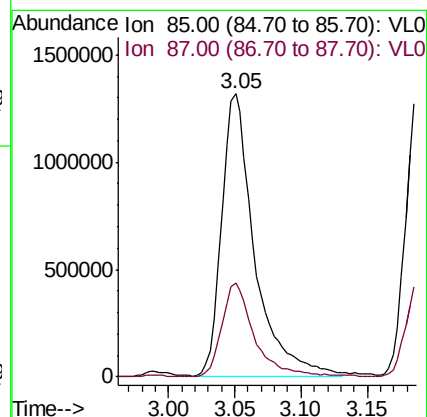
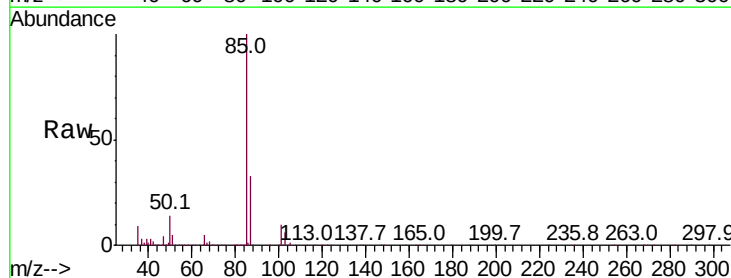
Acq: 6 May 2021 9:32

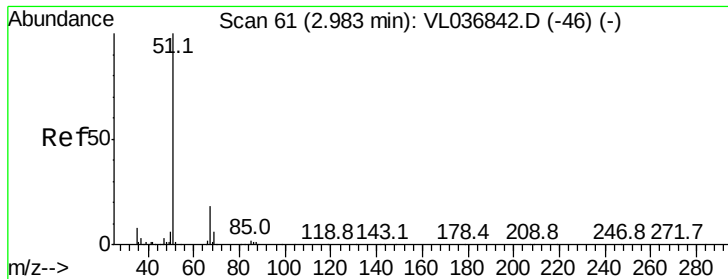
Tgt Ion: 85 Resp: 2264200

Ion Ratio Lower Upper

85 100

87 33.0 26.2 39.2





#3

Chlorodifluoromethane

Concen: 10.175 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

51 100

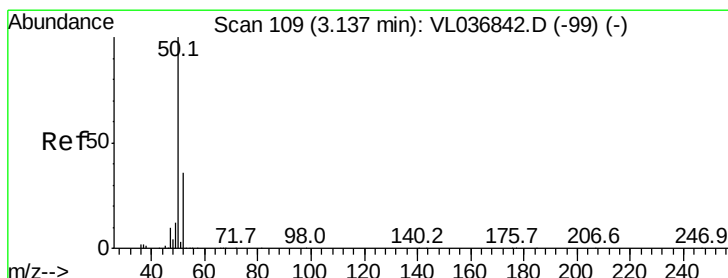
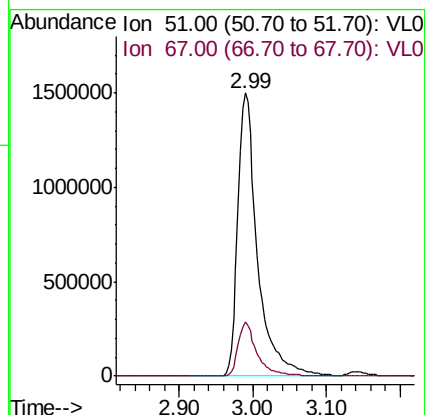
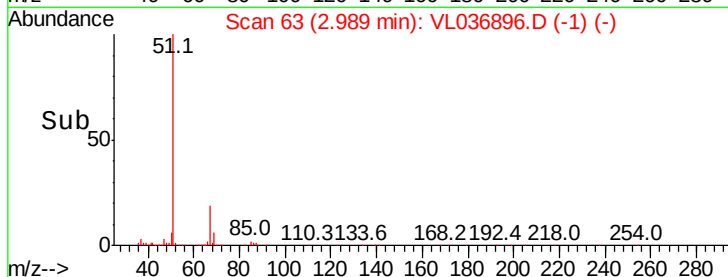
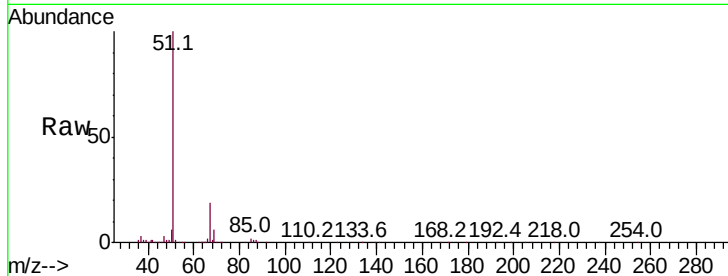
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#4

Chloromethane

Concen: 10.789 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL036896.D

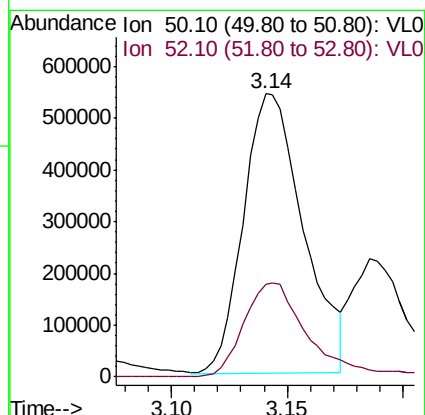
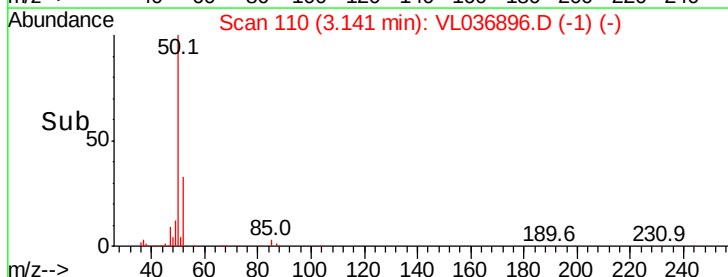
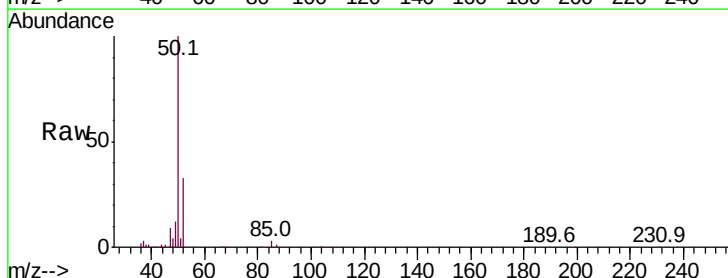
Acq: 6 May 2021 9:32

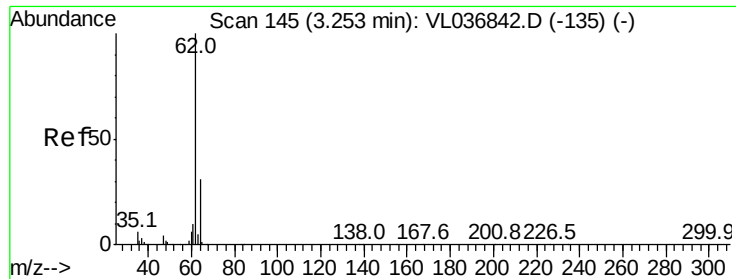
Tgt Ion: 50 Resp: 972649

Ion Ratio Lower Upper

50 100

52 33.4 28.5 42.7





#5

Vinyl Chloride

Concen: 10.405 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

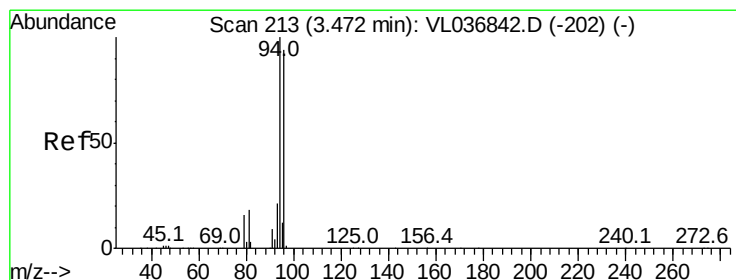
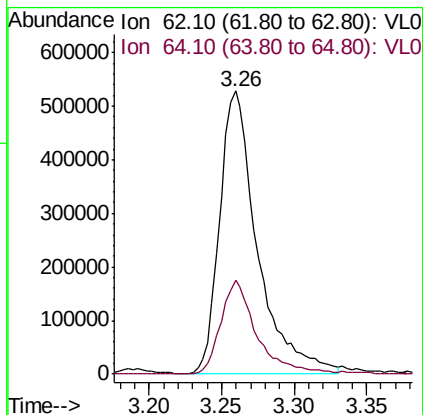
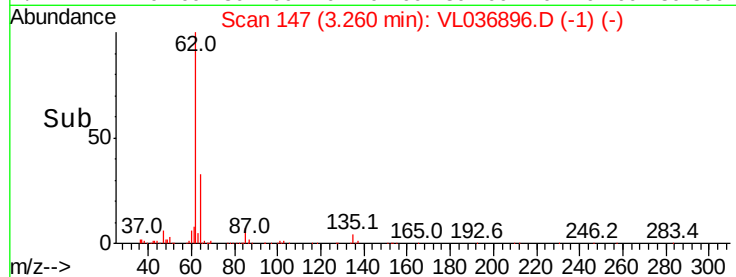
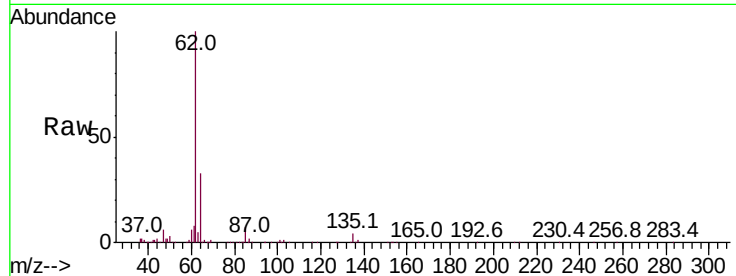
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#6

Bromomethane

Concen: 10.616 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.00 min

Lab File: VL036896.D

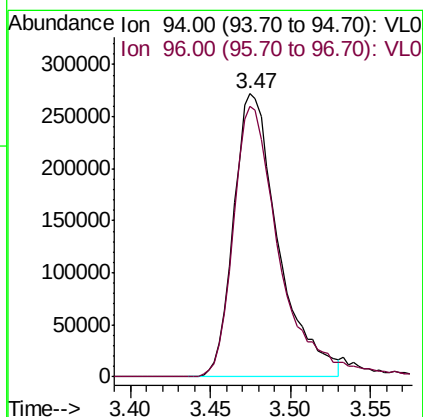
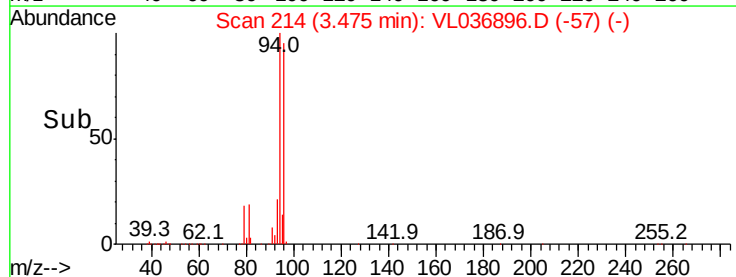
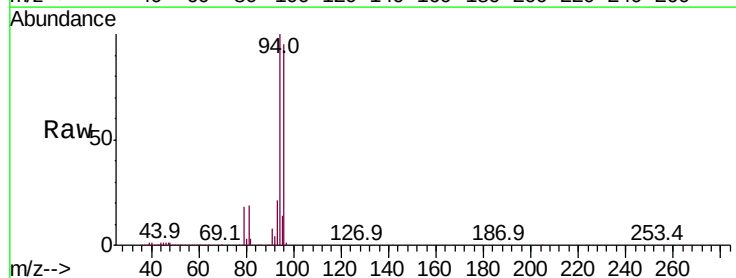
Acq: 6 May 2021 9:32

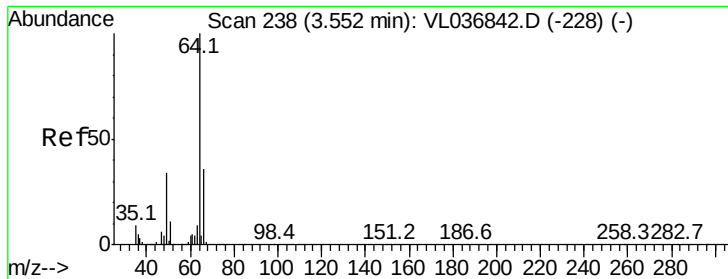
Tgt Ion: 94 Resp: 519140

Ion Ratio Lower Upper

94 100

96 95.4 75.4 113.0





#7

Chloroethane

Concen: 11.167 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

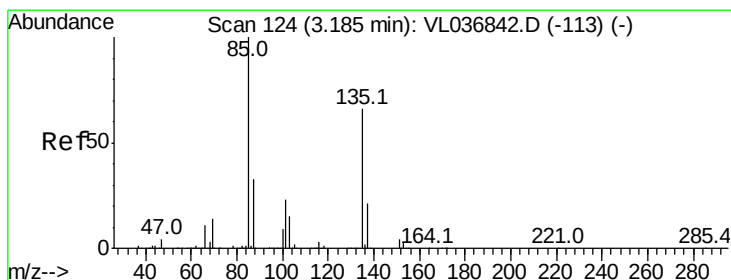
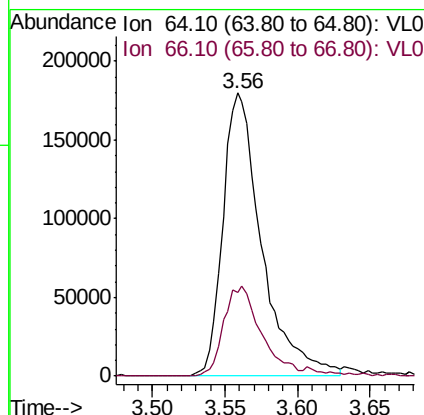
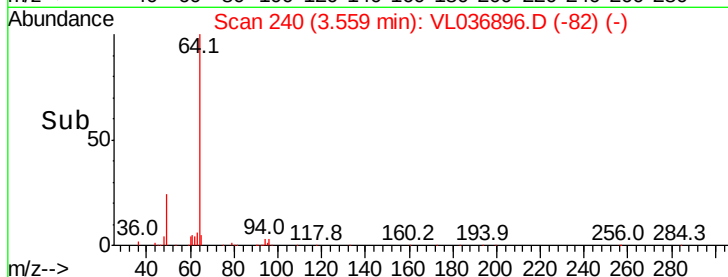
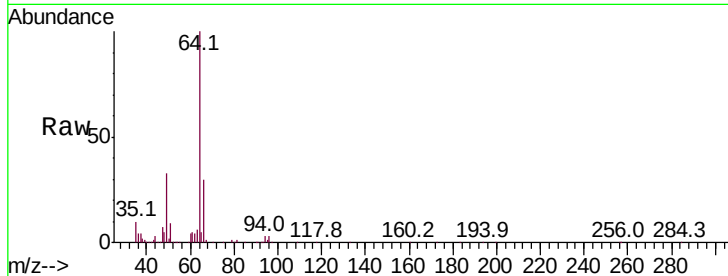
66 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#8

Dichlorotetrafluoroethane

Concen: 10.681 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL036896.D

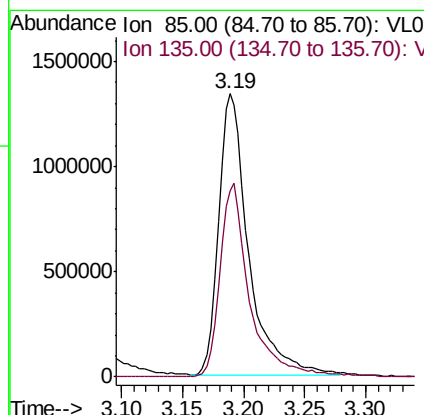
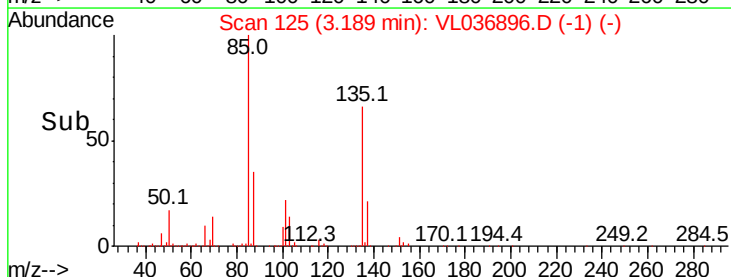
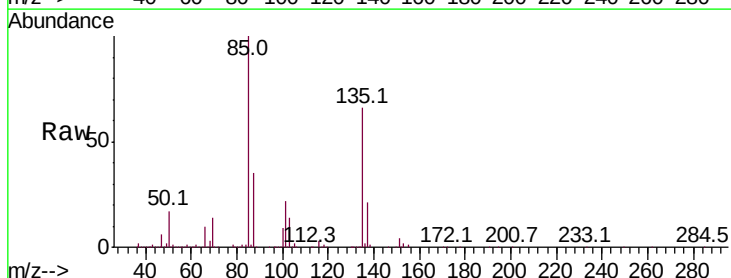
Acq: 6 May 2021 9:32

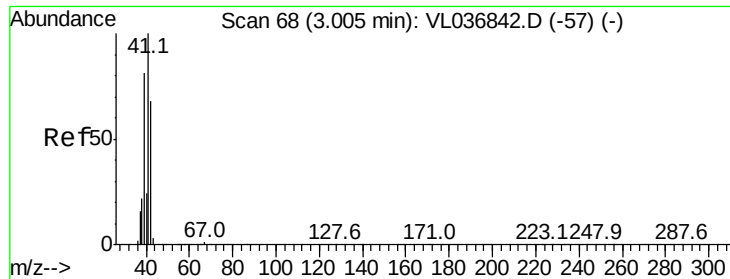
Tgt Ion: 85 Resp: 2310406

Ion Ratio Lower Upper

85 100

135 68.5 56.2 84.4



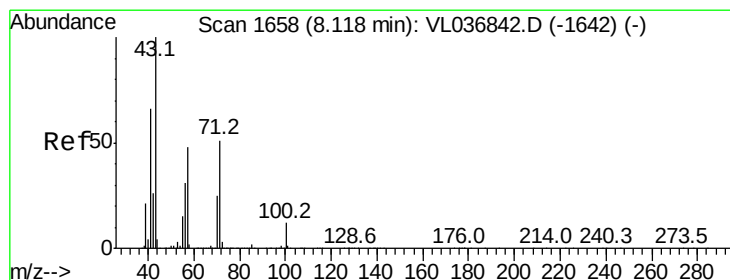
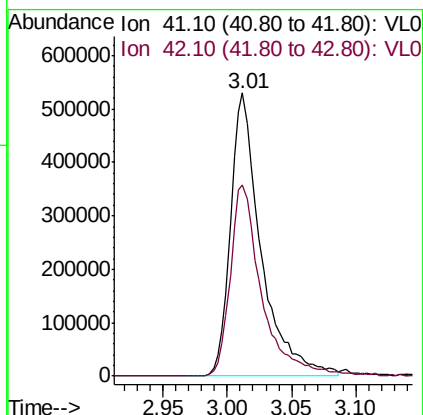
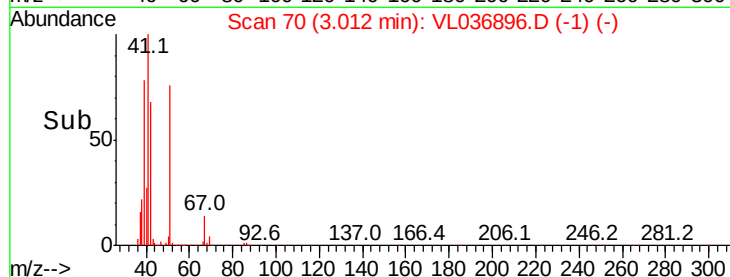
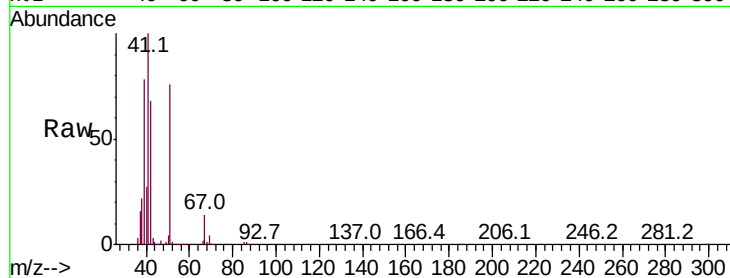


#9
 Propene
 Concen: 10.441 ppbv
 RT: 3.01
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 41 100
 42 70.

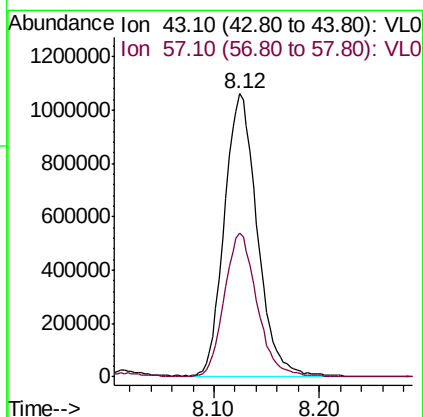
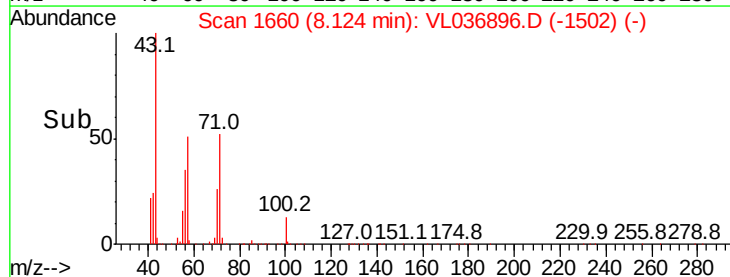
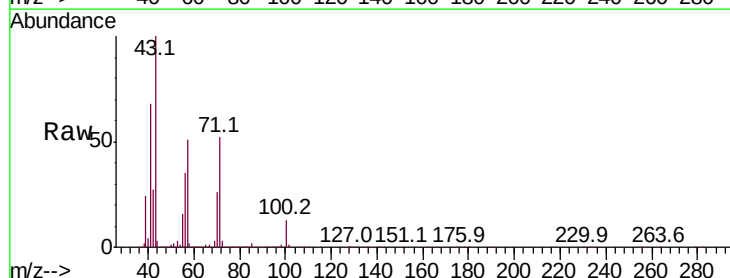
Manual Integrations
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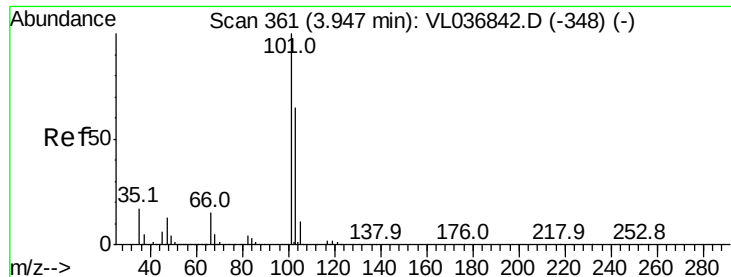
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#10
 Heptane
 Concen: 10.799 ppbv
 RT: 8.12 min Scan# 1660
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 43 Resp: 2270097
 Ion Ratio Lower Upper
 43 100
 57 51.2 38.8 58.2



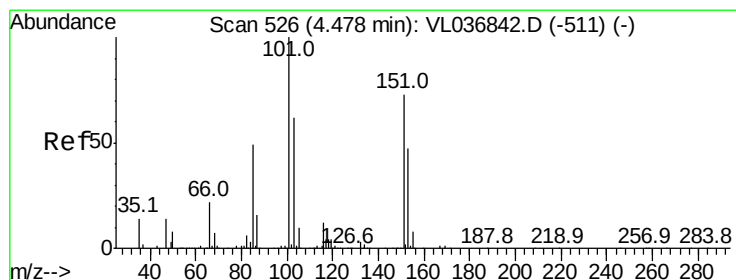
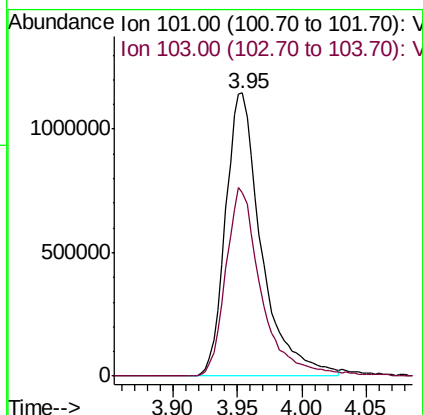
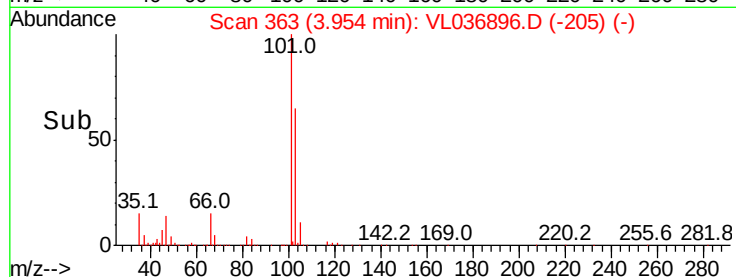
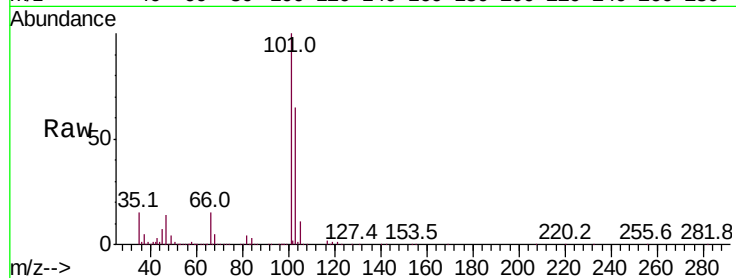


#11
 Trichlorofluoromethane
 Concen: 10.481 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:1
 Ion Rati
 101 100
 103 64.

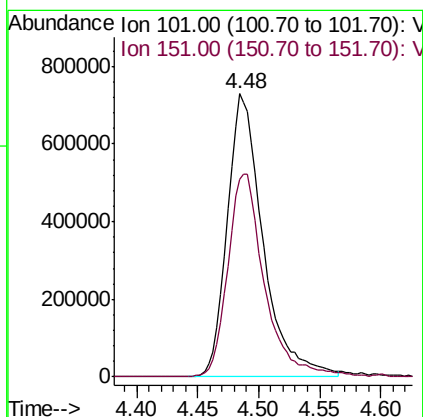
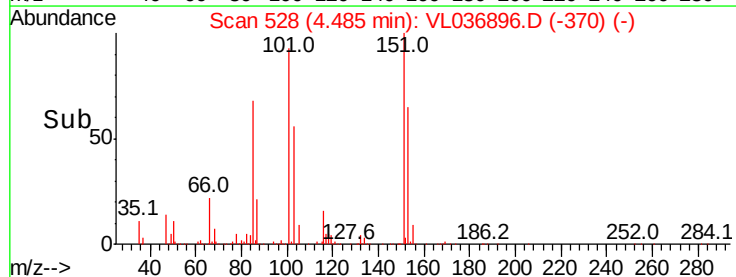
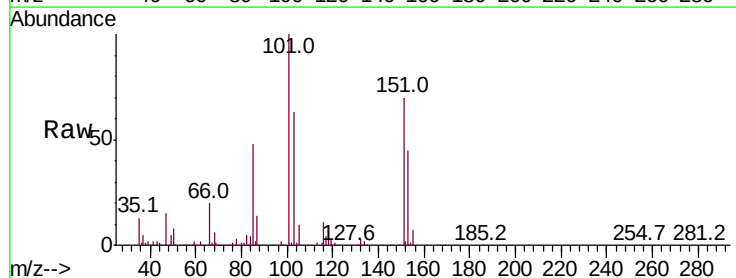
Manual Integrations
 APPROVED

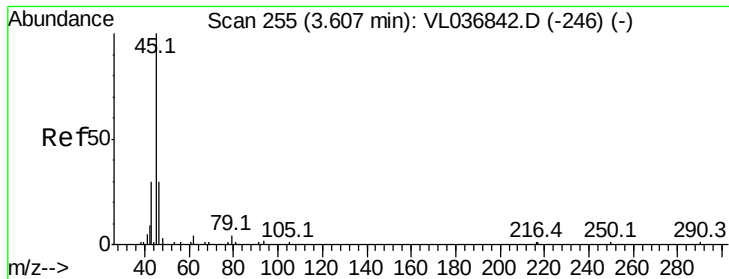
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.539 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:101 Resp: 1493202
 Ion Ratio Lower Upper
 101 100
 151 74.3 61.1 91.7



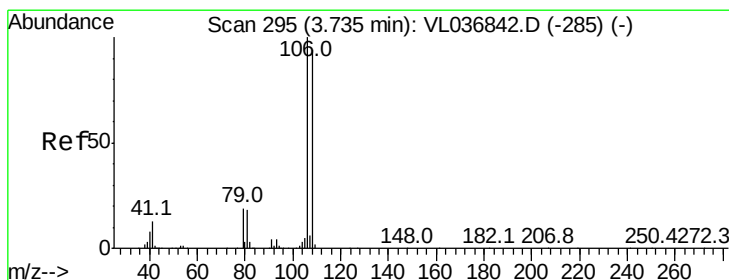
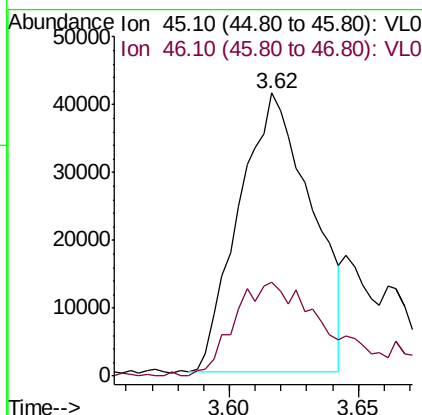
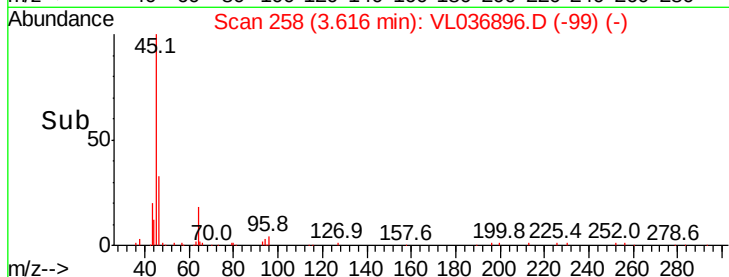
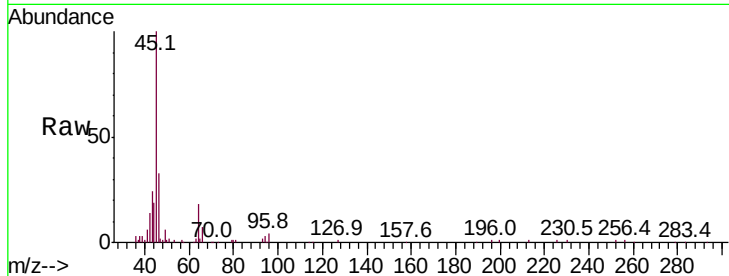


#13
 Ethanol
 Concen: 7.578 ppbv
 RT: 3.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 45 100
 46 51.

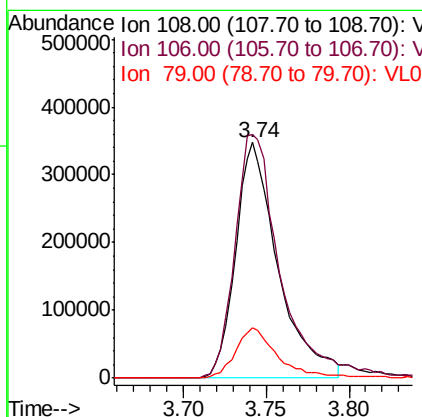
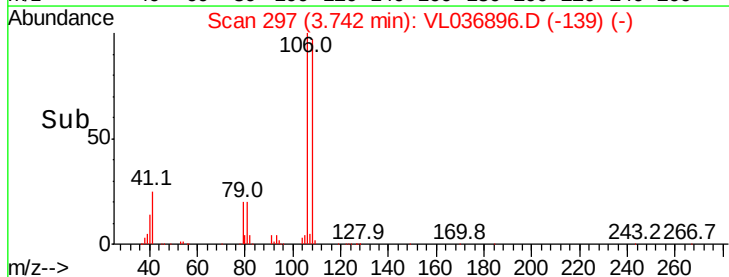
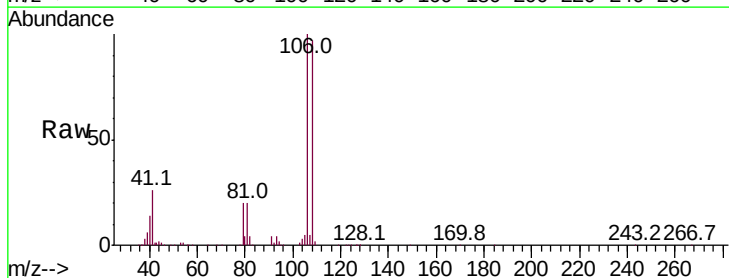
Manual Integrations
 APPROVED

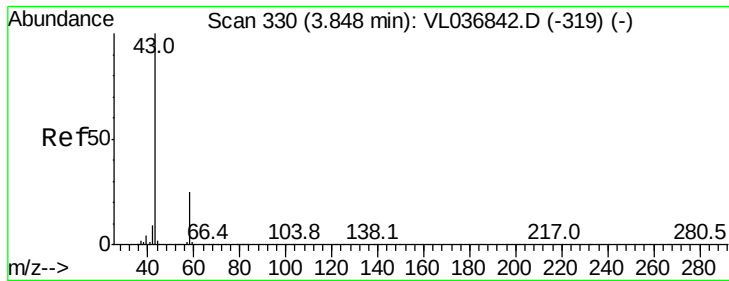
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#14
 Bromoethene
 Concen: 10.686 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:108 Resp: 618566
 Ion Ratio Lower Upper
 108 100
 106 112.6 88.5 132.7
 79 22.3 17.9 26.9



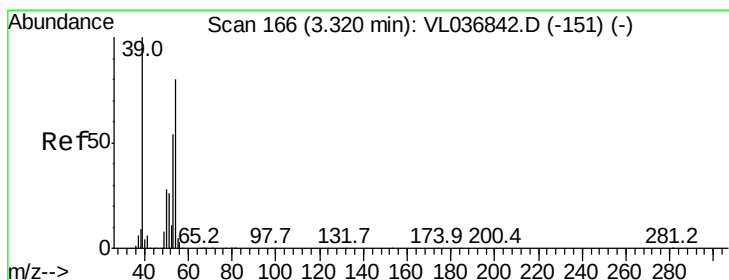
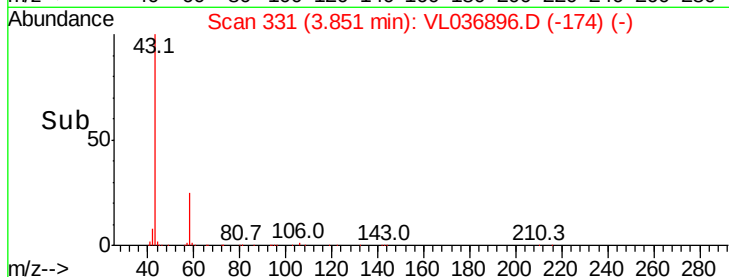
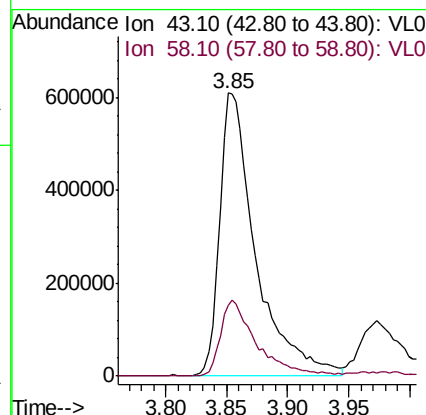
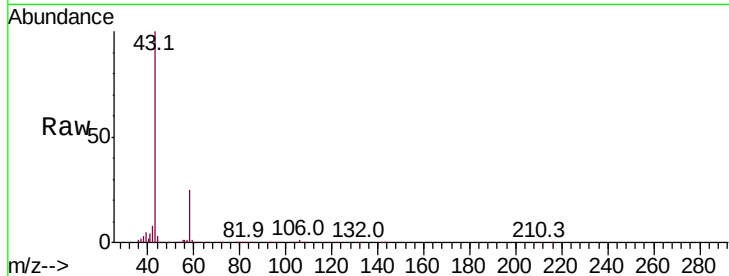


#15
Acetone
Concen: 8.893 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion:
Ion Ratio
43 100
58 26.

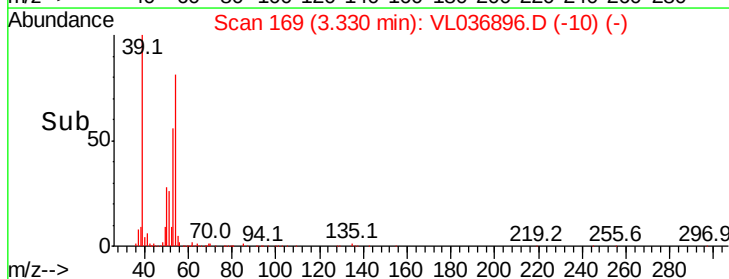
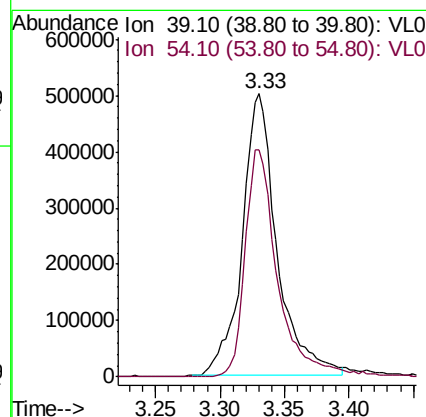
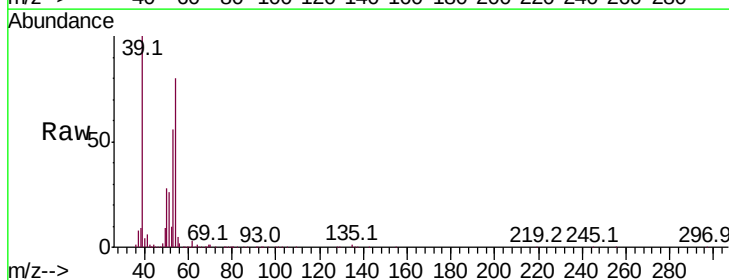
Manual Integrations
APPROVED

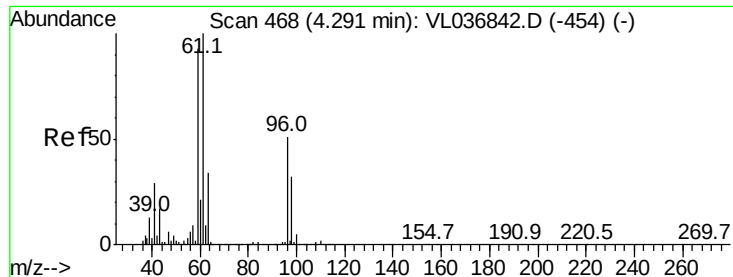
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#16
1,3-Butadiene
Concen: 10.395 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 39 Resp: 943380
Ion Ratio Lower Upper
39 100
54 76.4 59.6 89.4





#17

tert-Butyl alcohol

Concen: 12.394 ppbv

RT: 4.29 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

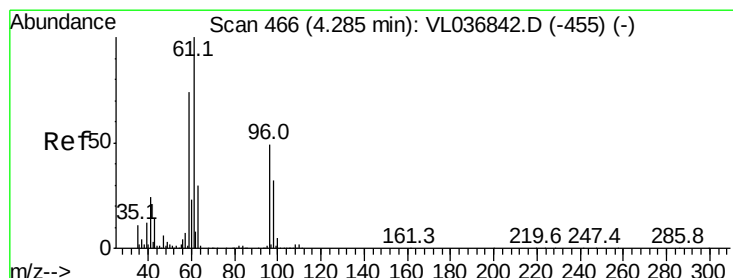
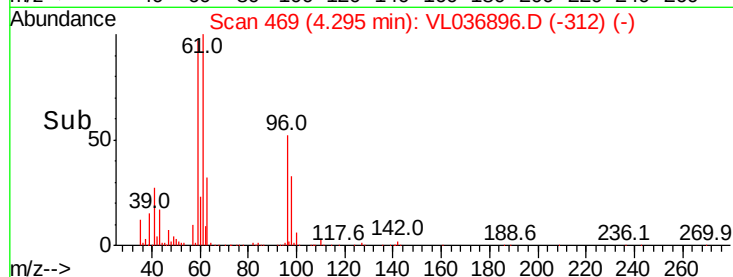
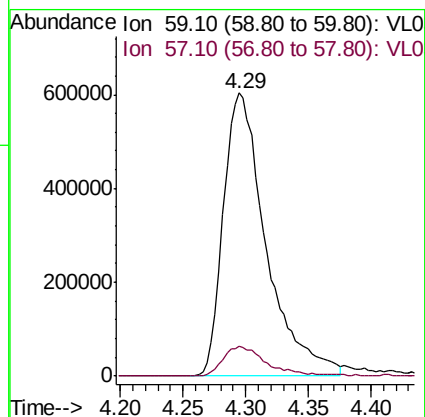
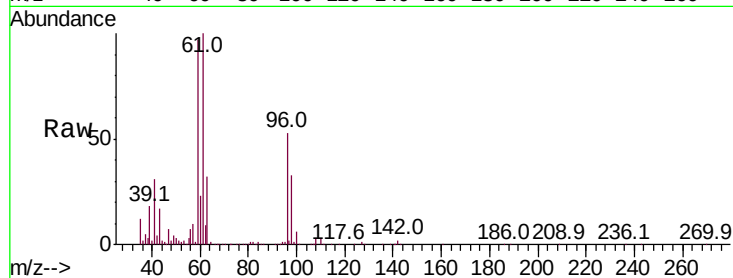
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#18

1,1-Dichloroethene

Concen: 10.027 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

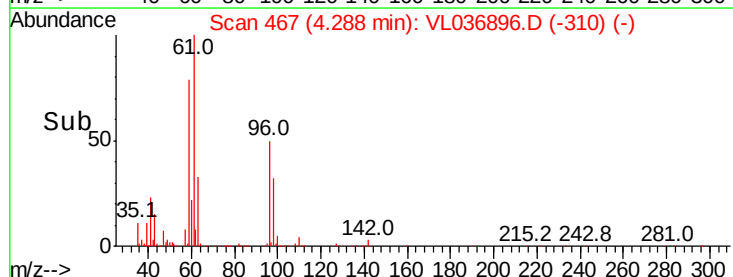
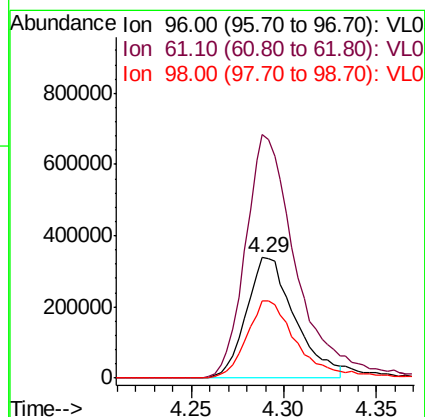
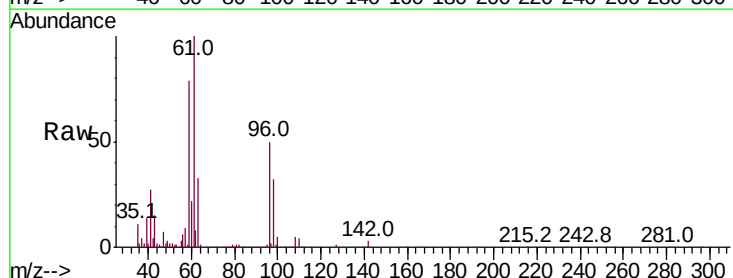
Tgt Ion: 96 Resp: 617407

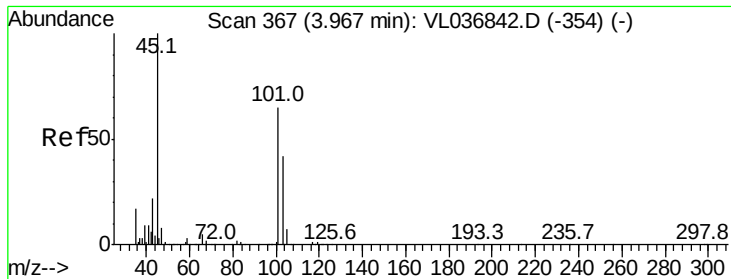
Ion Ratio Lower Upper

96 100

61 201.9 162.2 243.2

98 63.8 51.8 77.6





#19

Isopropyl Alcohol

Concen: 12.374 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

45 100

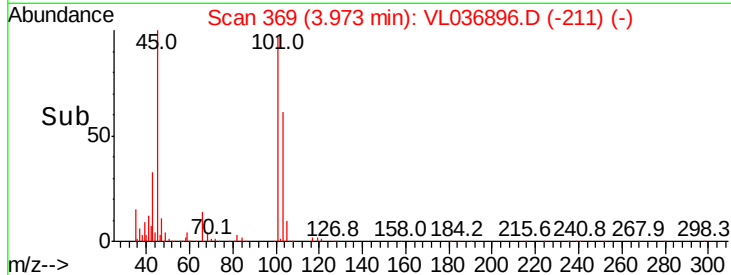
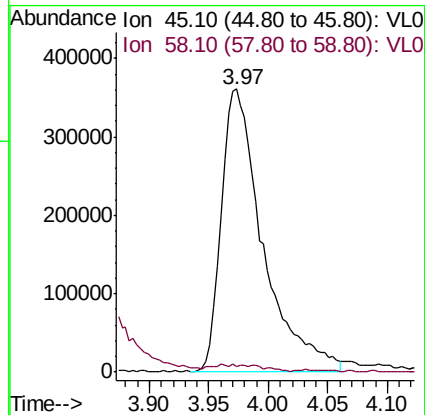
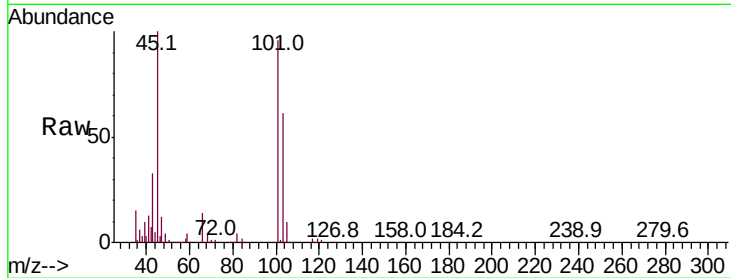
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#20

Methylene Chloride

Concen: 7.910 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion: 84 Resp: 536860

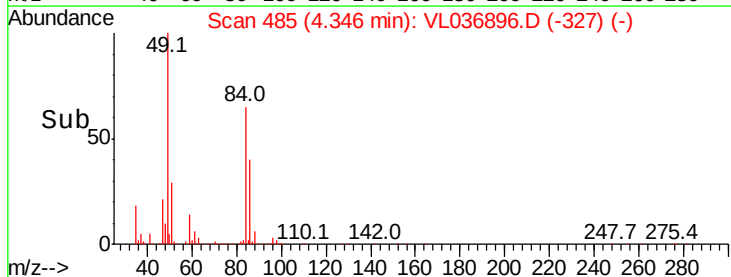
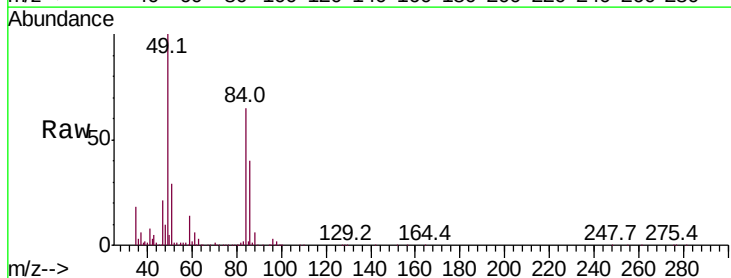
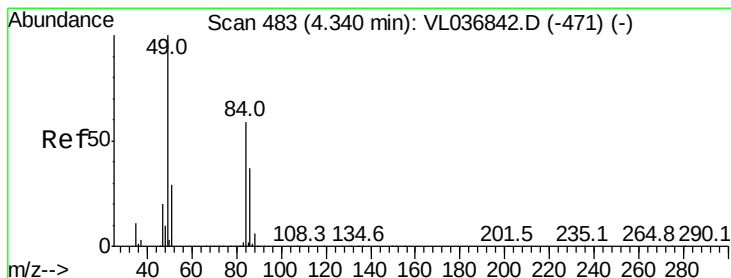
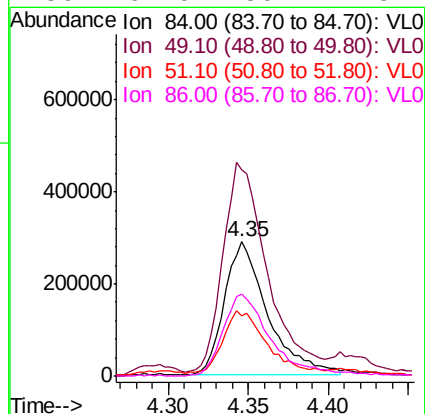
Ion Ratio Lower Upper

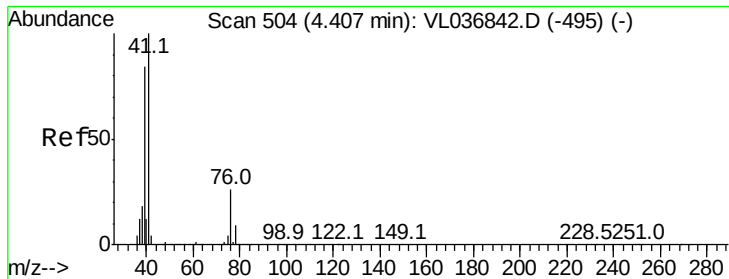
84 100

49 151.0 135.4 203.0

51 42.8 39.3 58.9

86 61.0 50.2 75.2





#21

Allvl Chloride

Concen: 9.989 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

41 100

76 29.

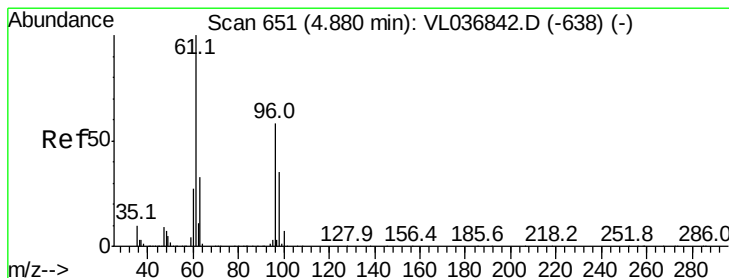
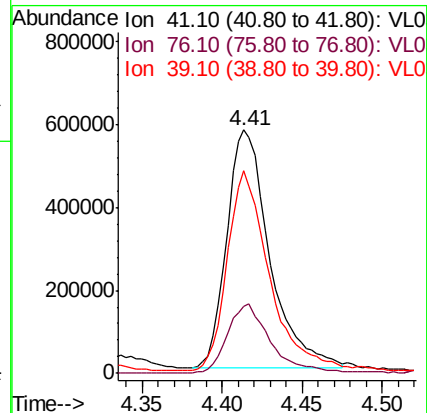
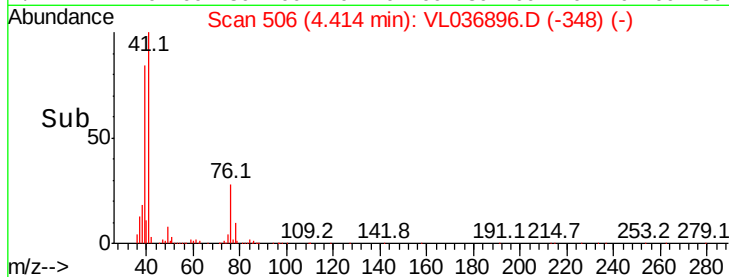
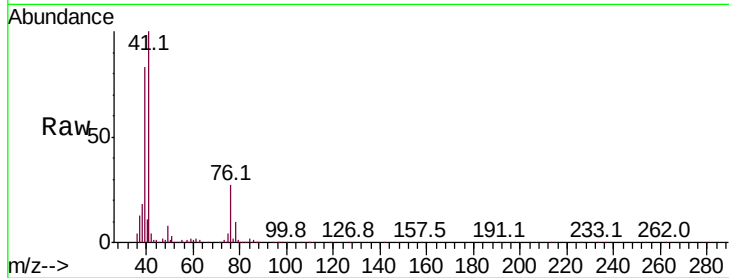
39 86.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#22

trans-1,2-Dichloroethene

Concen: 9.643 ppbv

RT: 4.89 min Scan# 654

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

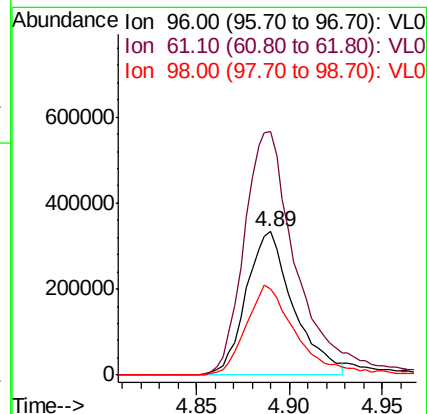
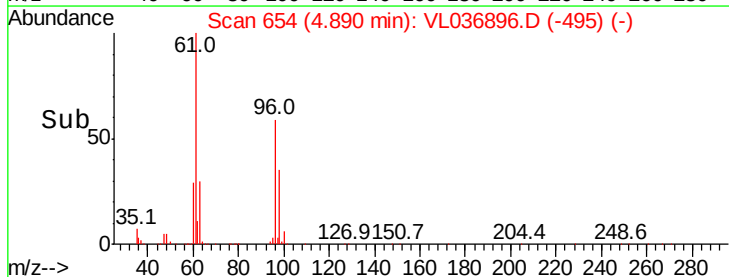
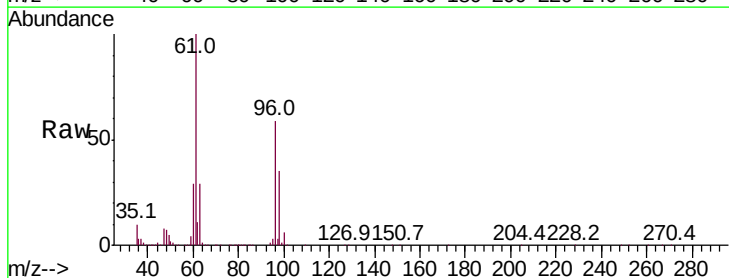
Tgt Ion: 96 Resp: 595831

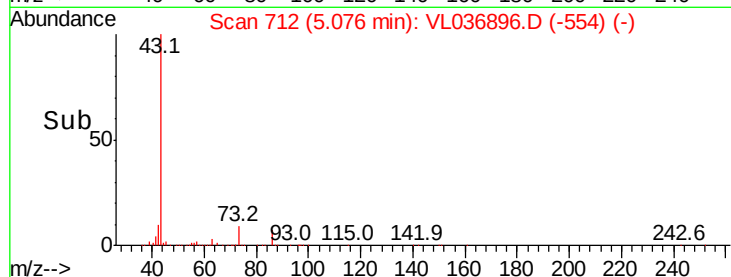
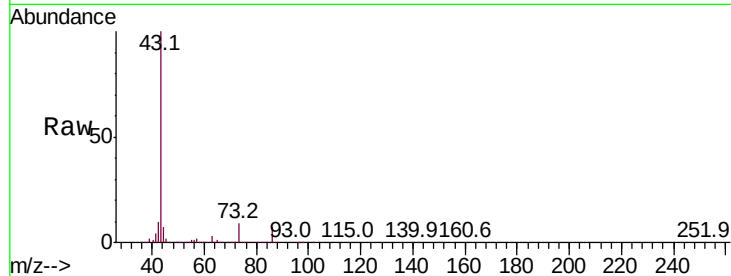
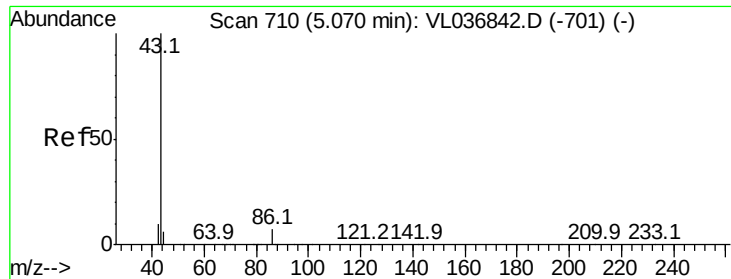
Ion Ratio Lower Upper

96 100

61 169.9 138.6 207.8

98 59.7 48.1 72.1



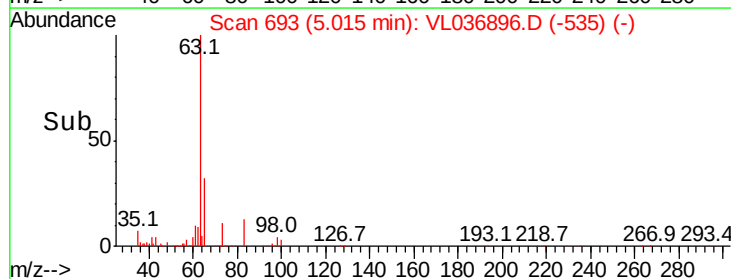
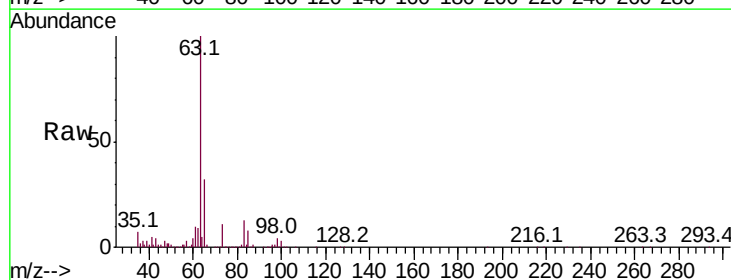
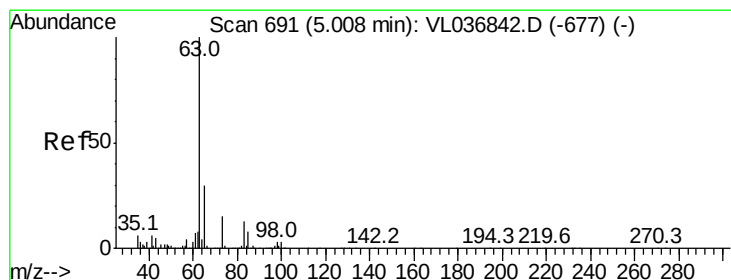
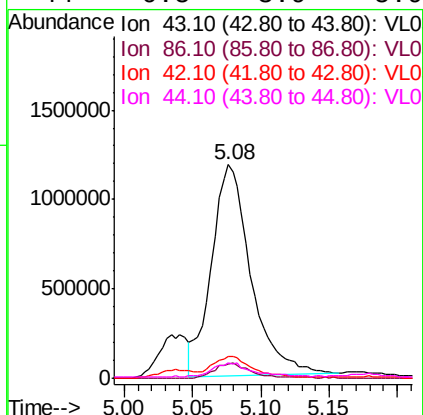


#23
 Vinyl Acetate
 Concen: 12.198 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 6.5 3.9 5.9#

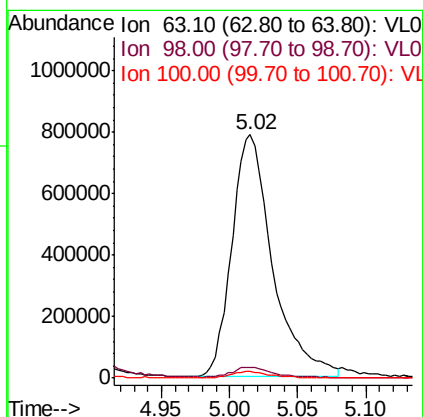
Manual Integrations
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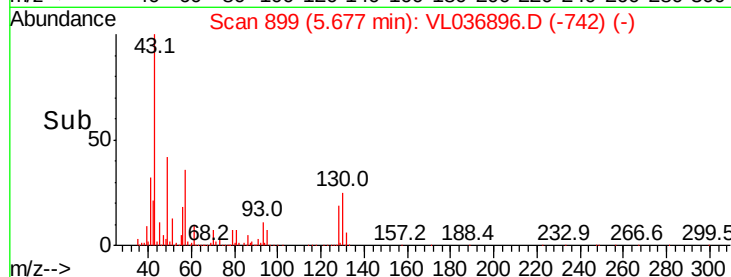
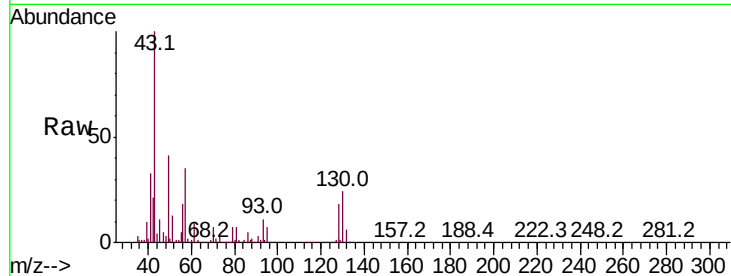
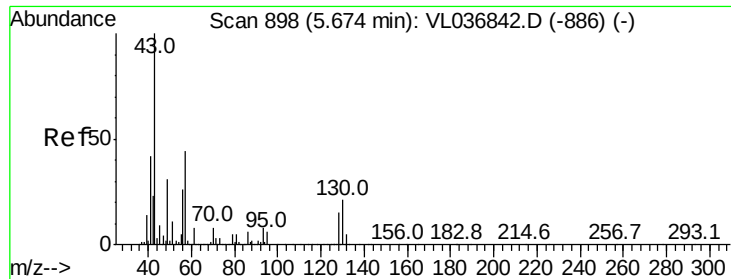
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#24
 1,1-Dichloroethane
 Concen: 11.980 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 63 Resp: 1641887
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.7 5.1
 100 2.6 1.3 3.8



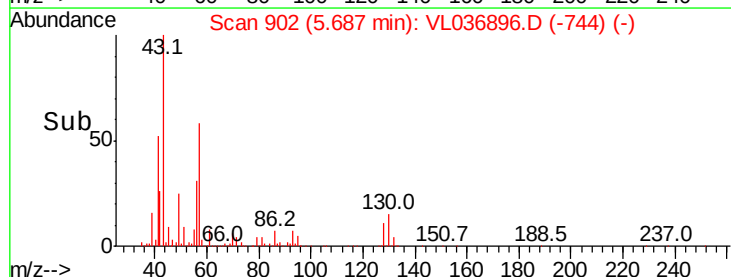
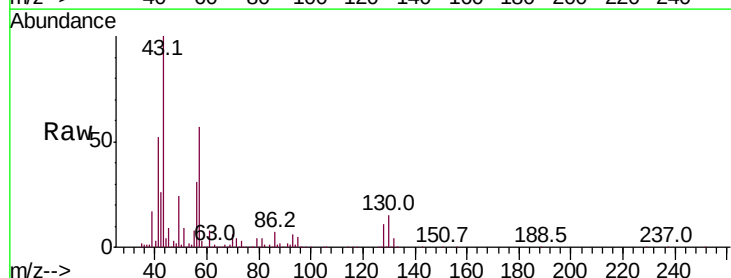
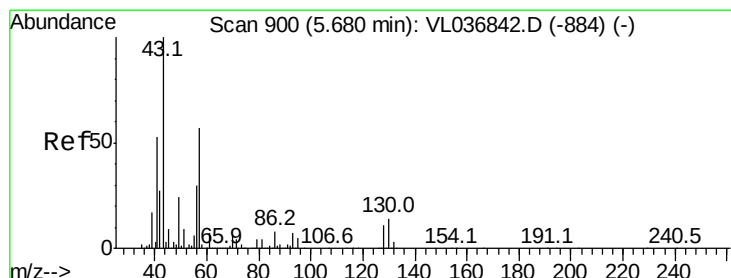
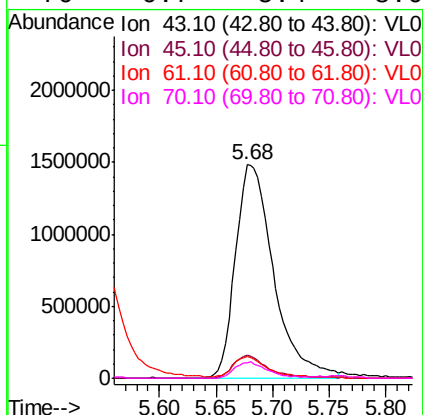


#25
Ethyl Acetate
Concen: 10.047 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.7 5.4 8.0

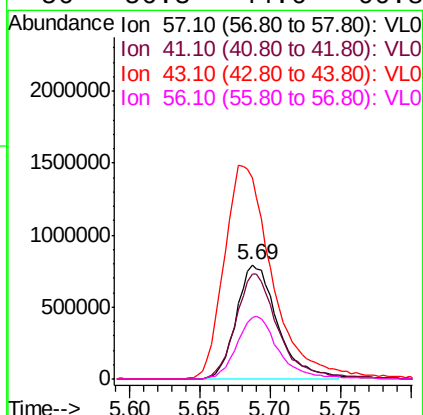
Manual Integrations
APPROVED

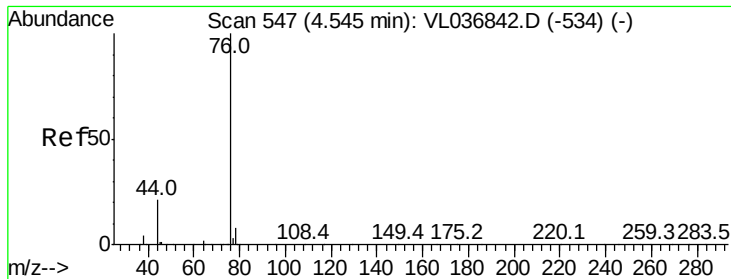
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#26
Hexane
Concen: 9.942 ppbv
RT: 5.69 min Scan# 902
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 57 Resp: 1612593
Ion Ratio Lower Upper
57 100
41 96.9 77.7 116.5
43 220.4 180.5 270.7
56 56.3 44.6 66.8





#27

Carbon Disulfide

Concen: 11.720 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

76 100

44 20.

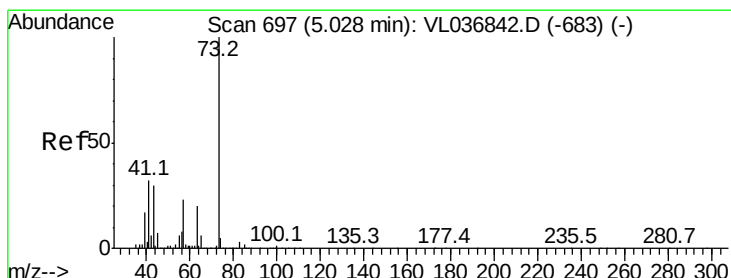
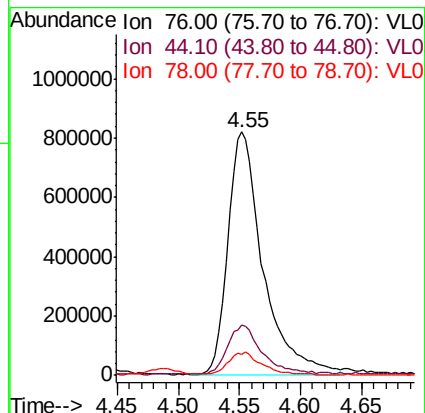
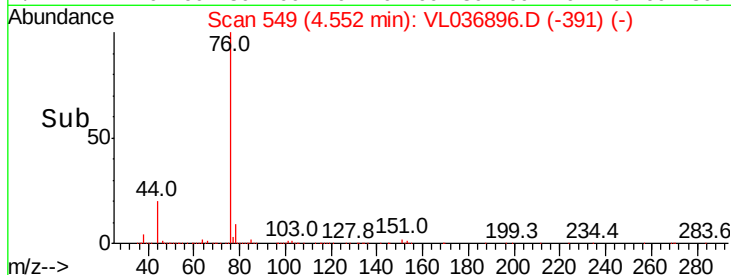
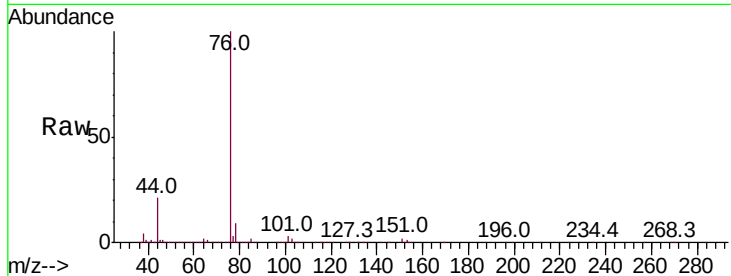
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#28

Methyl tert-Butyl Ether

Concen: 12.675 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.01 min

Lab File: VL036896.D

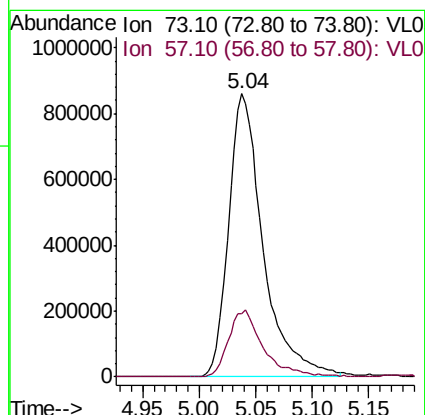
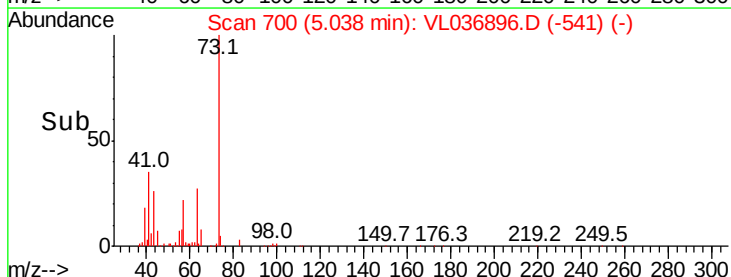
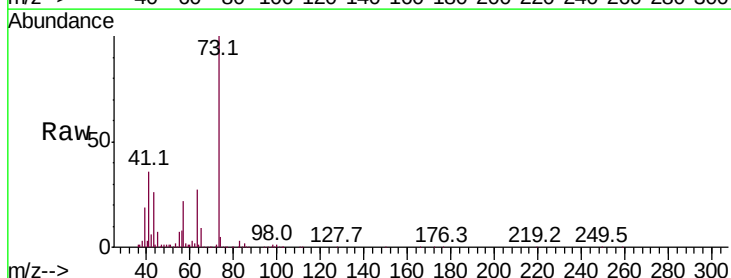
Acq: 6 May 2021 9:32

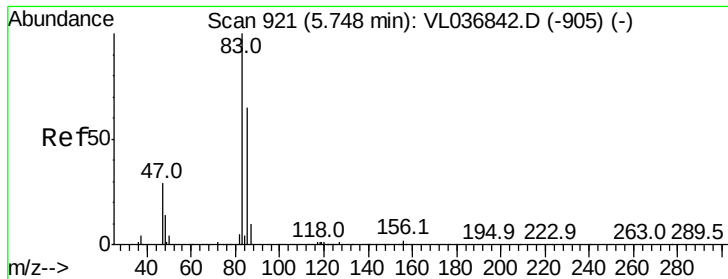
Tgt Ion: 73 Resp: 1822356

Ion Ratio Lower Upper

73 100

57 24.0 19.0 28.6



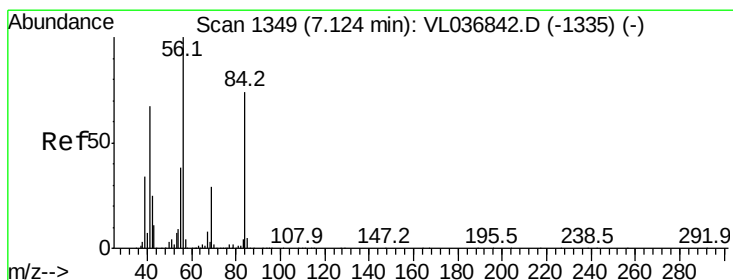
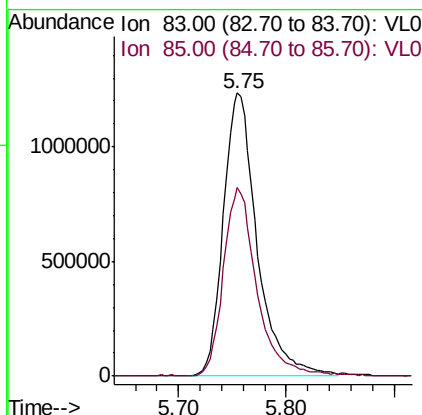
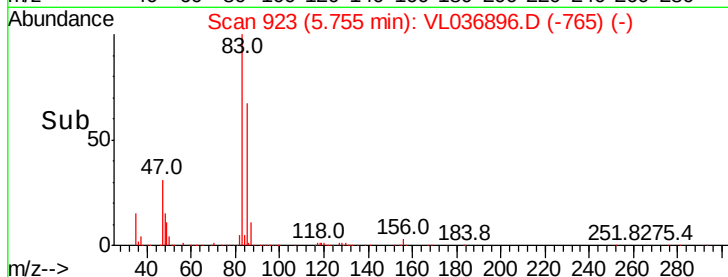
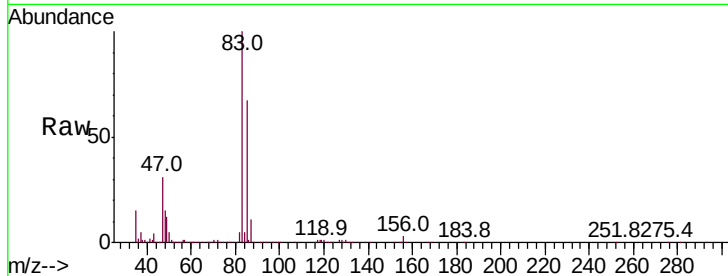


#29
Chloroform
Concen: 10.611 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 9:32

Tot Ion:
Ion Ratio
83 100
85 66.

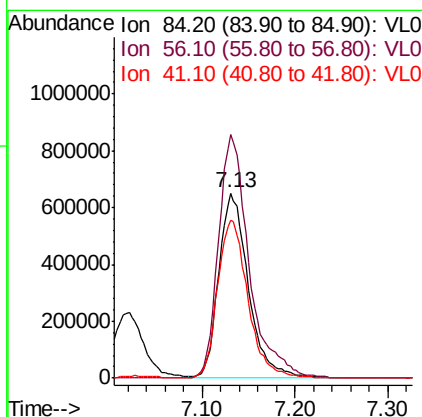
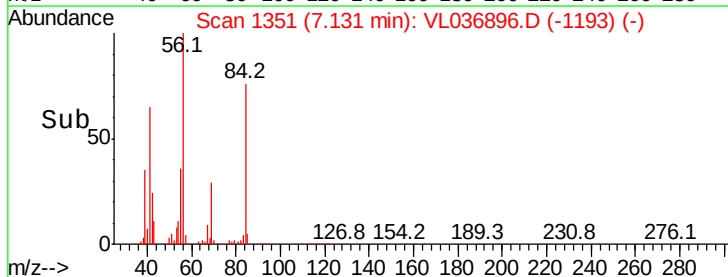
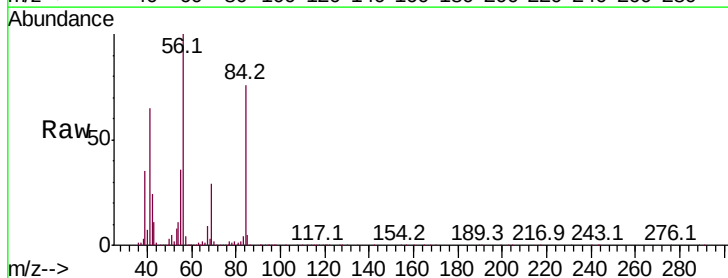
Manual Integrations
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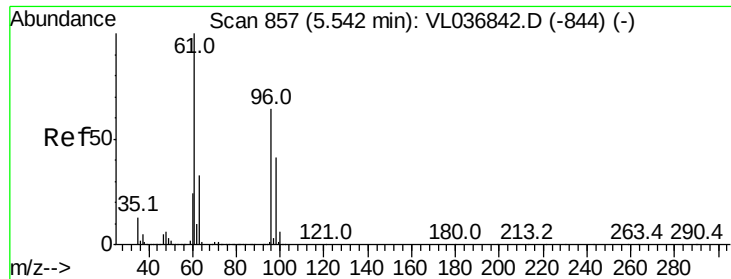
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#30
Cyclohexane
Concen: 11.206 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 84 Resp: 1441402
Ion Ratio Lower Upper
84 100
56 137.2 115.8 173.6
41 87.0 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 10.970 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

61 100

96 63.

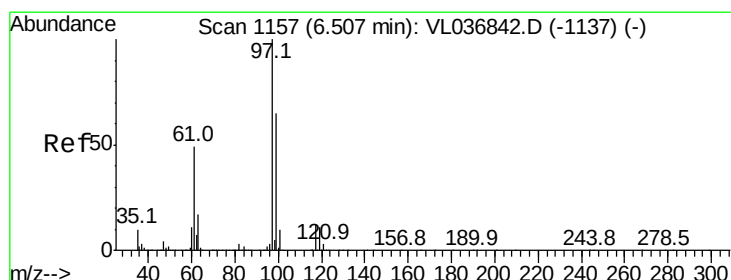
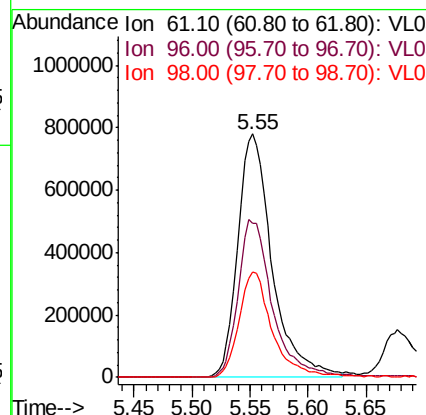
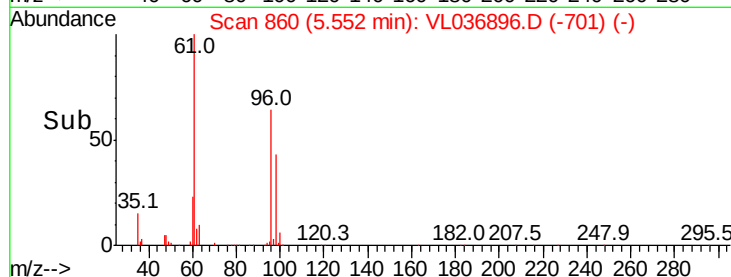
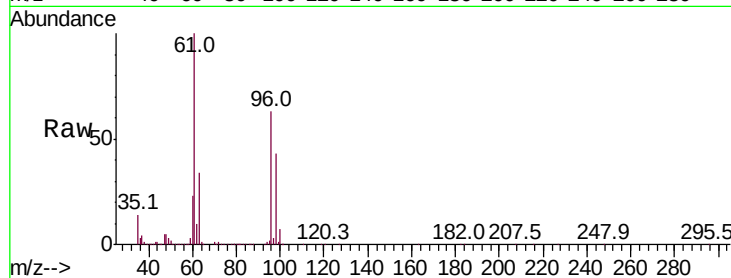
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#32

1,1,1-Trichloroethane

Concen: 10.411 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

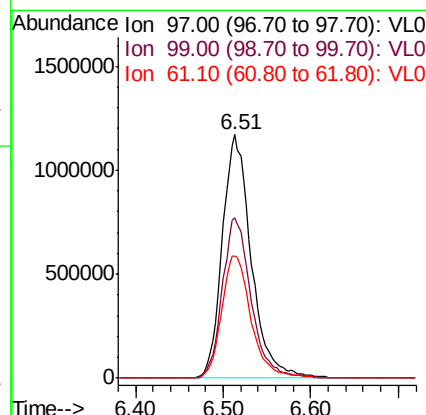
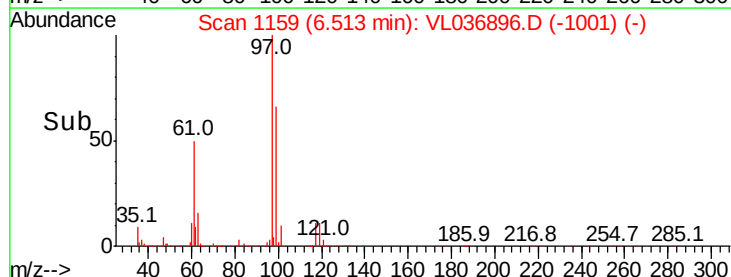
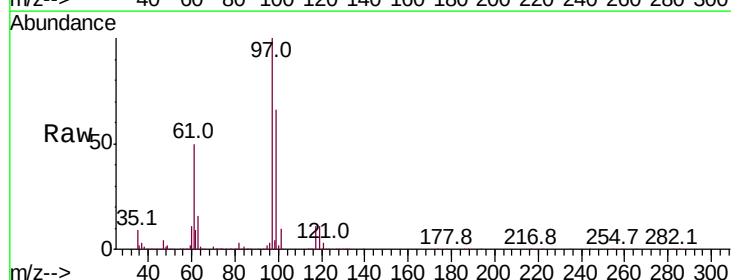
Tgt Ion: 97 Resp: 2677250

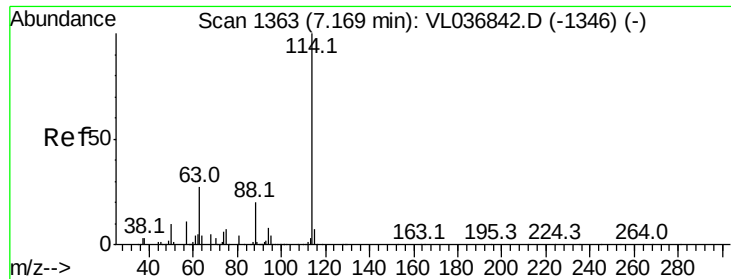
Ion Ratio Lower Upper

97 100

99 66.0 51.8 77.6

61 51.3 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

Tot Ion:1

Ion Rati

114 100

63 27.

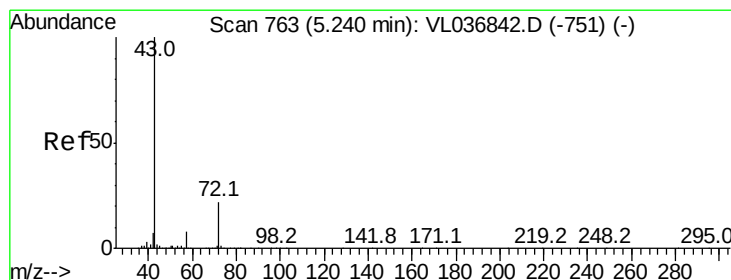
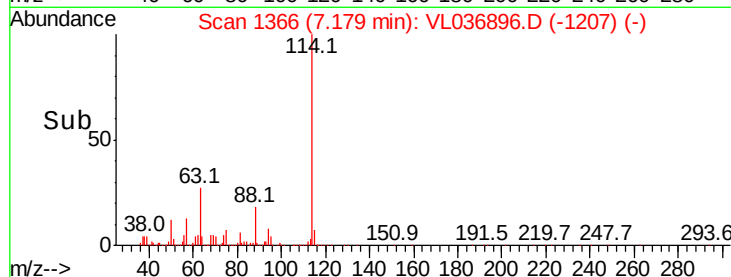
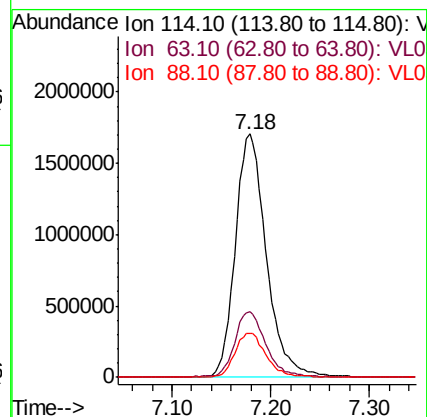
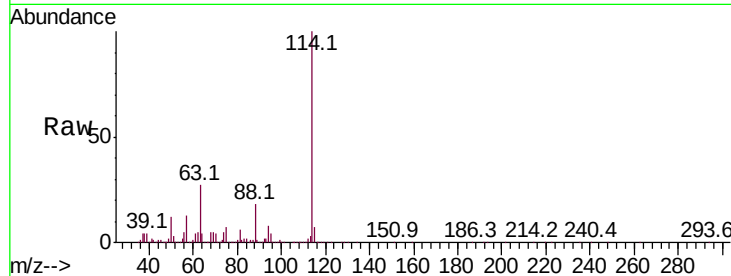
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#34

2-Butanone

Concen: 10.210 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.01 min

Lab File: VL036896.D

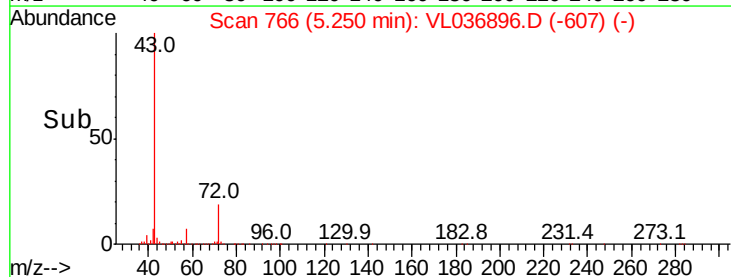
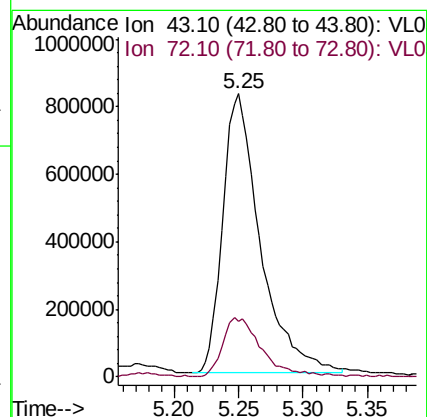
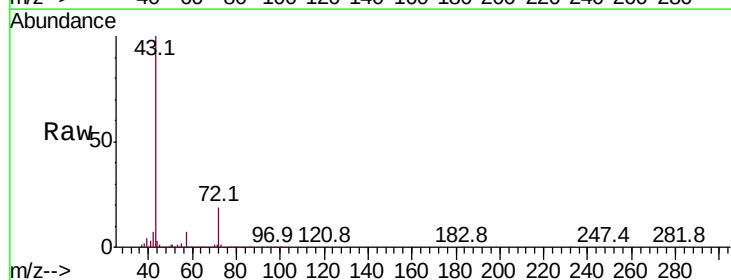
Acq: 6 May 2021 9:32

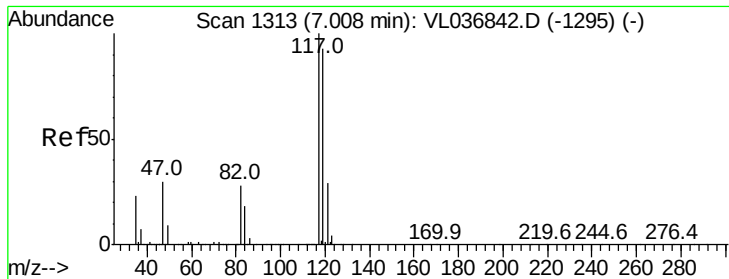
Tgt Ion: 43 Resp: 1673411

Ion Ratio Lower Upper

43 100

72 22.1 17.6 26.4



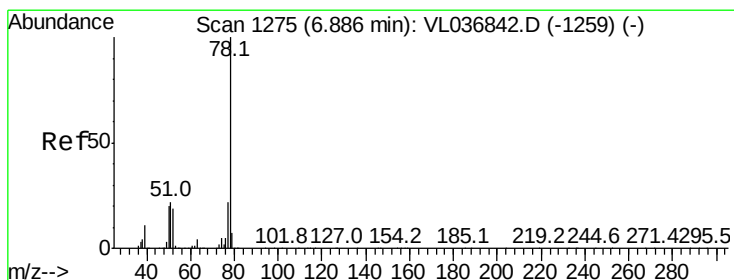
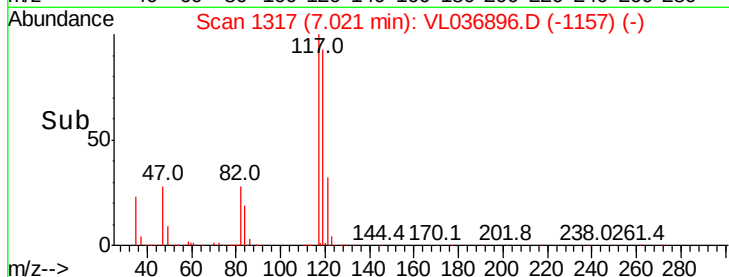
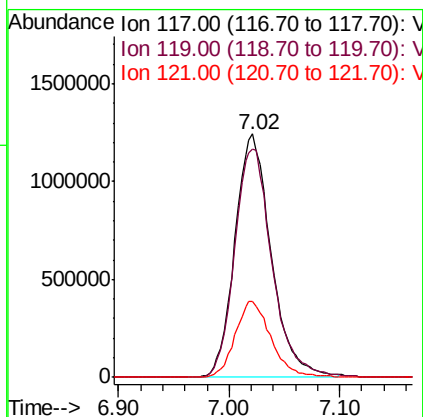
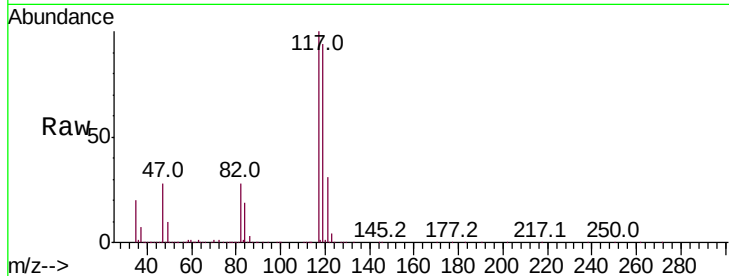


#35
Carbon Tetrachloride
Concen: 11.171 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion:1
Ion Rati
117 100
119 93.
121 31.

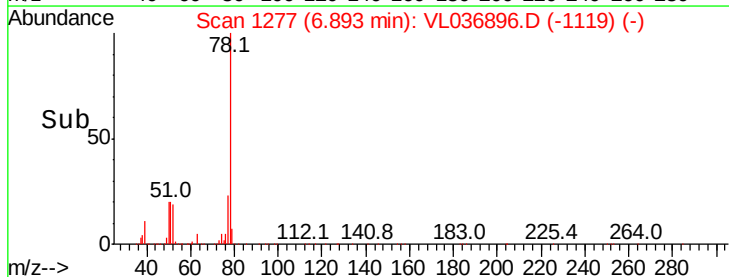
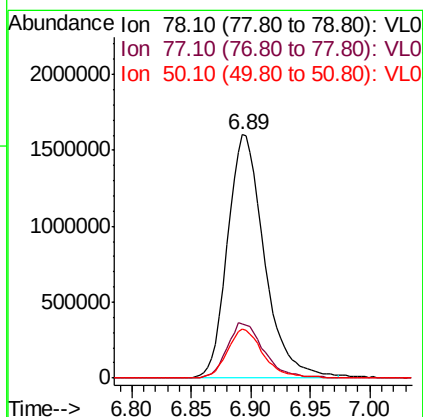
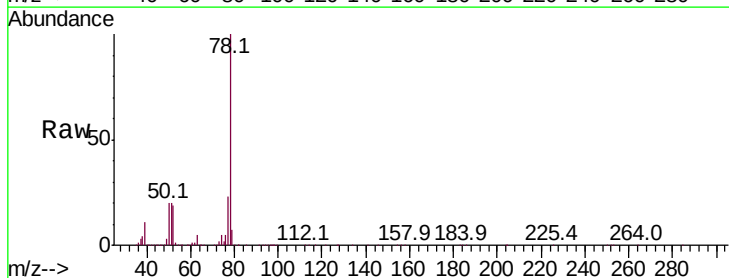
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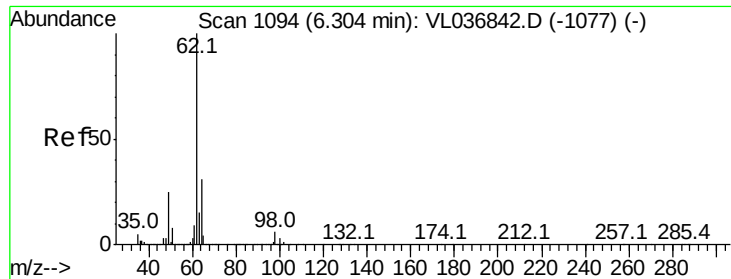
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#36
Benzene
Concen: 10.903 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 78 Resp: 3437215
Ion Ratio Lower Upper
78 100
77 22.5 17.6 26.4
50 19.9 16.3 24.5



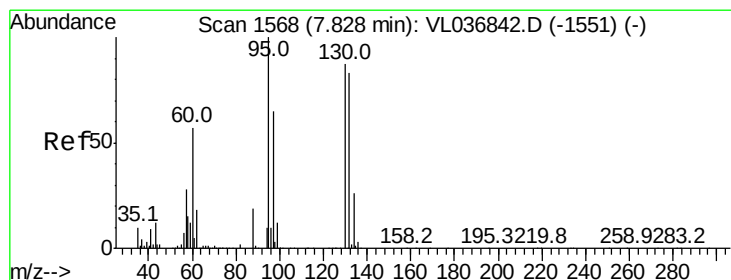
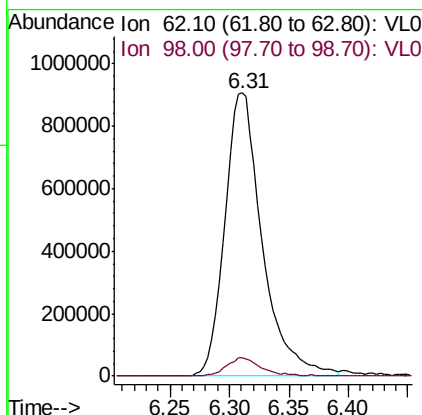
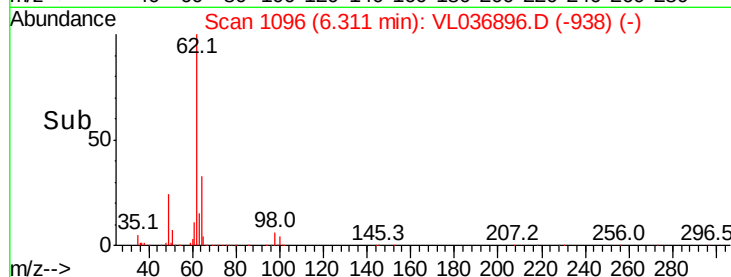
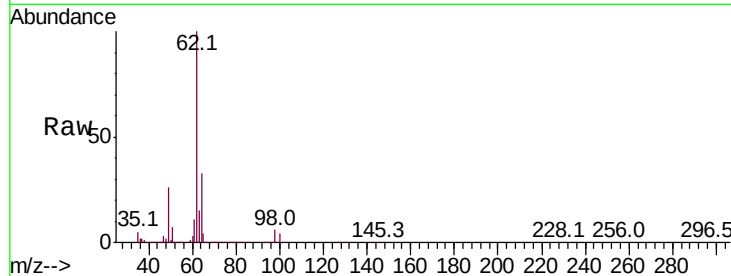


#37
 1,2-Dichloroethane
 Concen: 11.059 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 62 100
 98 6.

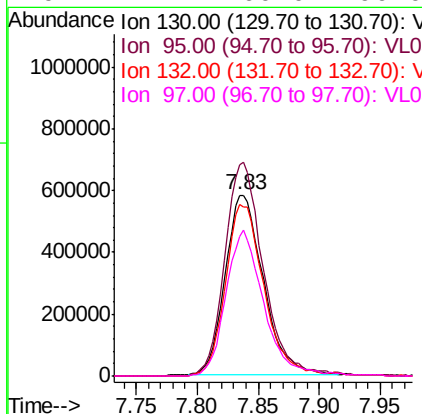
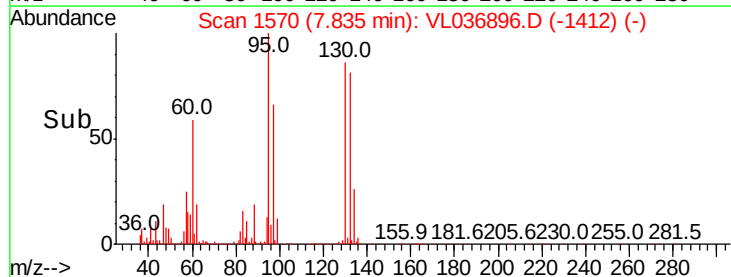
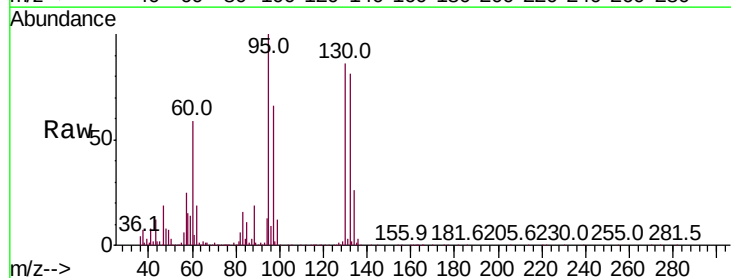
Manual Integrations
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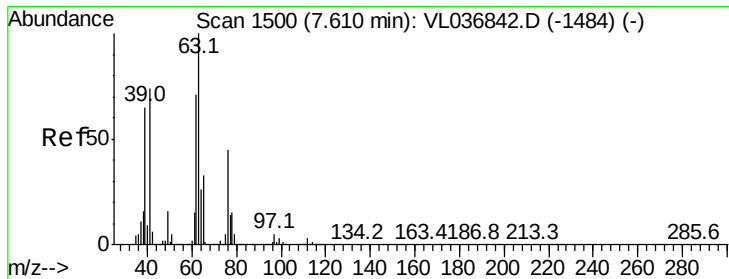
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#38
 Trichloroethene
 Concen: 11.278 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:130 Resp: 1265832
 Ion Ratio Lower Upper
 130 100
 95 117.3 92.3 138.5
 132 95.4 76.8 115.2
 97 77.7 60.0 90.0





#39

1,2-Dichloropropane

Concen: 10.783 ppbv

RT: 7.62

Instrument: MSVOA_1

Delta R.T.:

Client SampleId:

Lab File: VSTDCCC010

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

63 100

41 76.

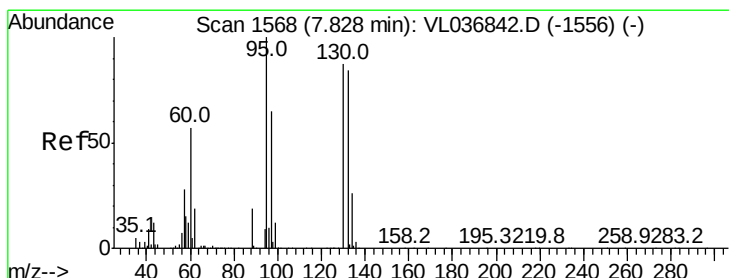
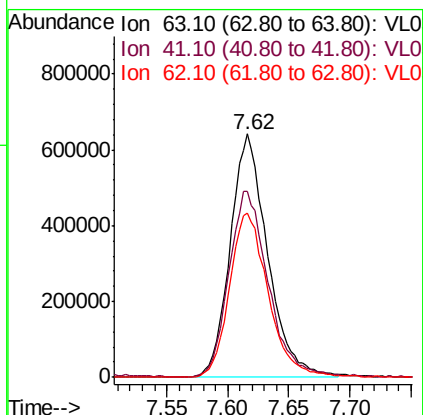
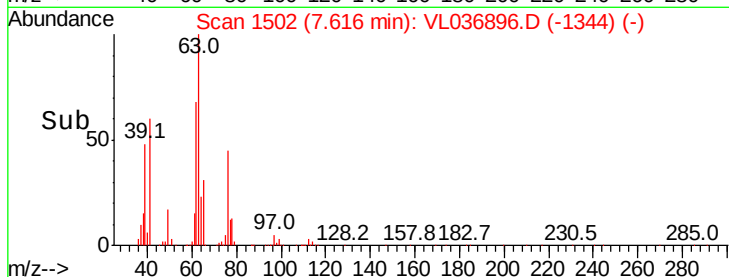
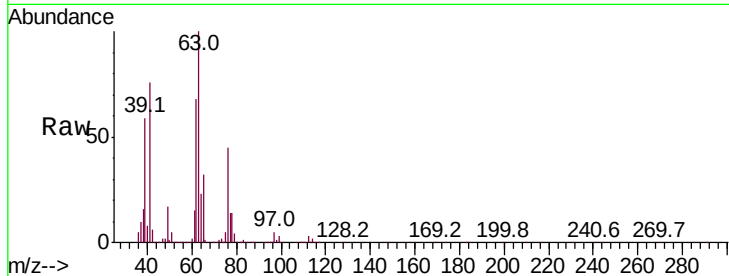
62 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#40

1,4-Dioxane

Concen: 11.945 ppbv m

RT: 7.83 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion: 88 Resp: 364313

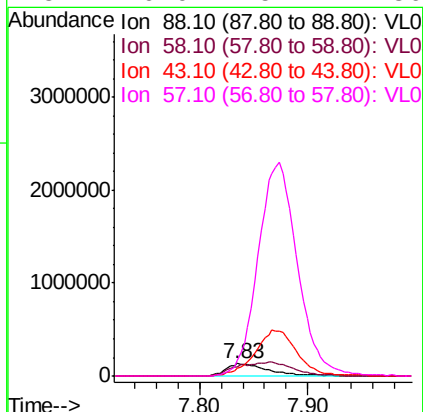
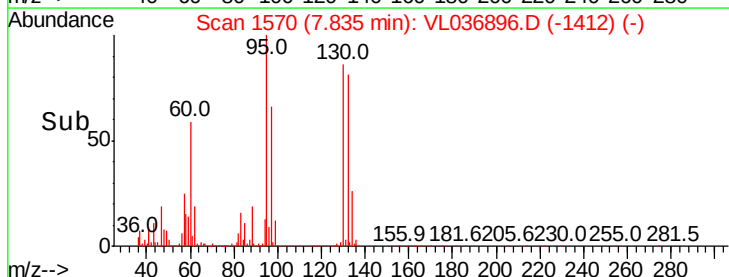
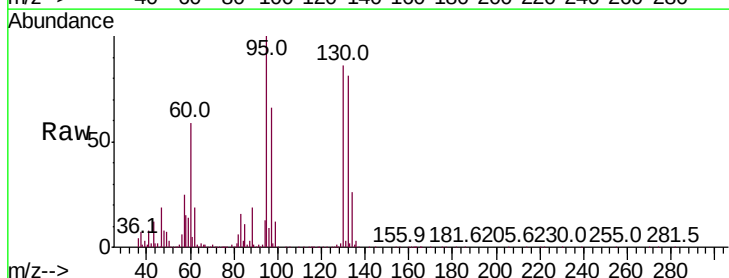
Ion Ratio Lower Upper

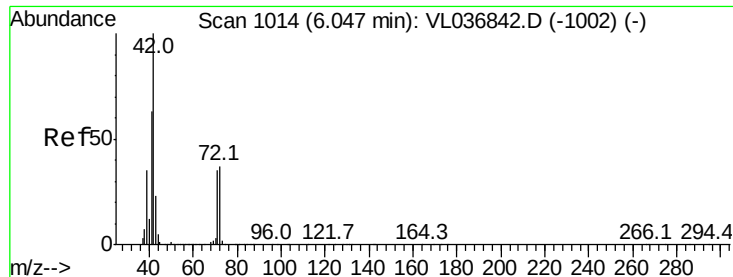
88 100

58 0.0 132.6 198.8#

43 0.0 331.5 497.3#

57 0.0 1457.4 2186.0#





#41

Tetrahydrofuran

Concen: 10.780 ppbv

RT: 6.06 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

42 100

72 38.

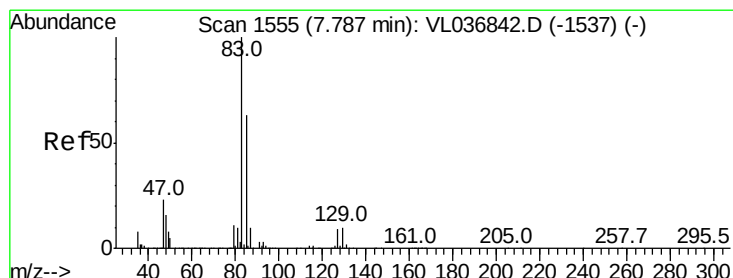
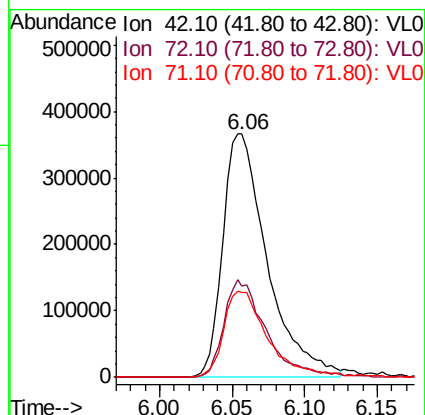
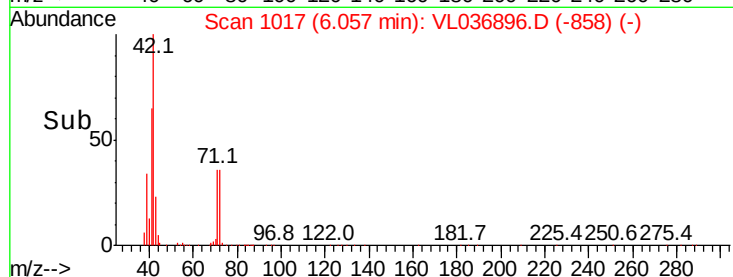
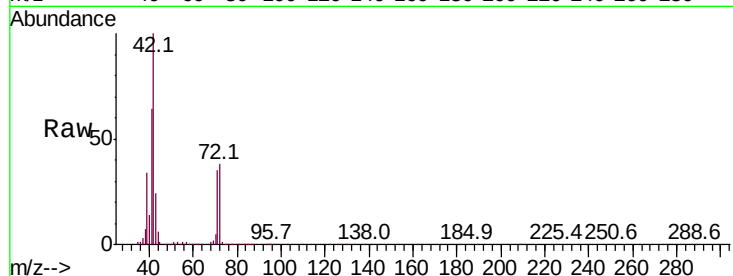
71 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#42

Bromodichloromethane

Concen: 11.563 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

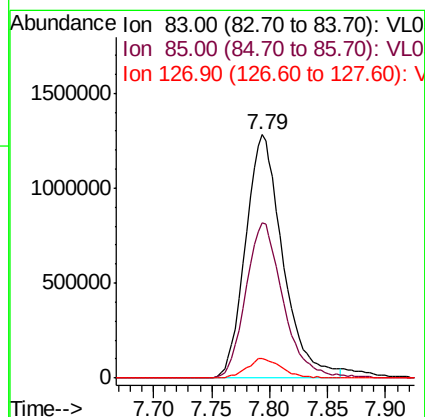
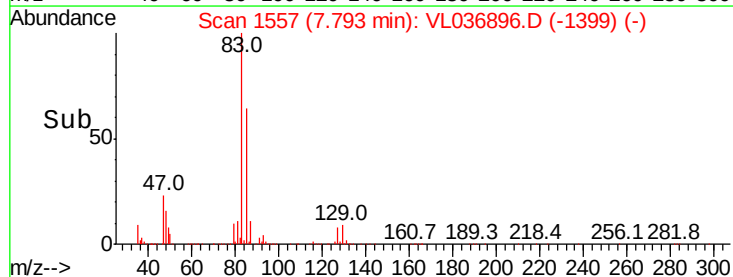
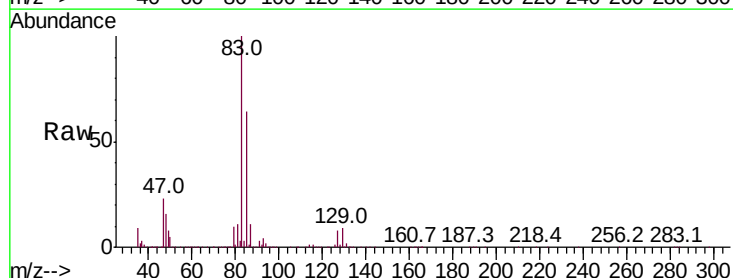
Tgt Ion: 83 Resp: 2868140

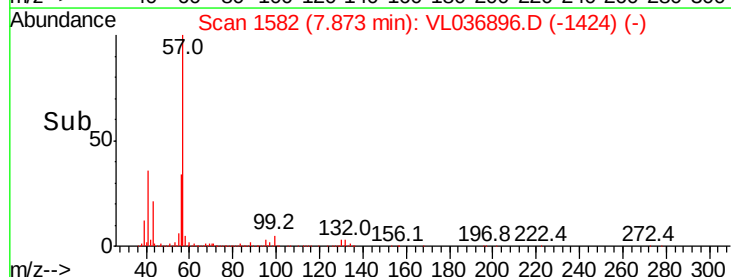
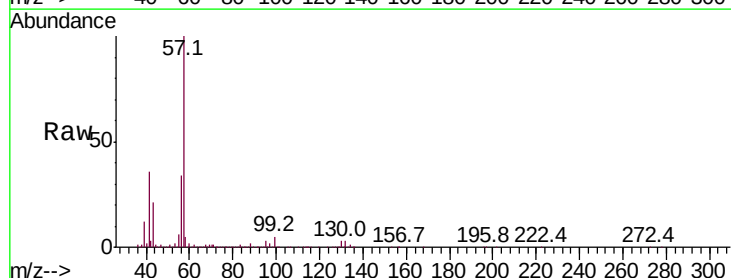
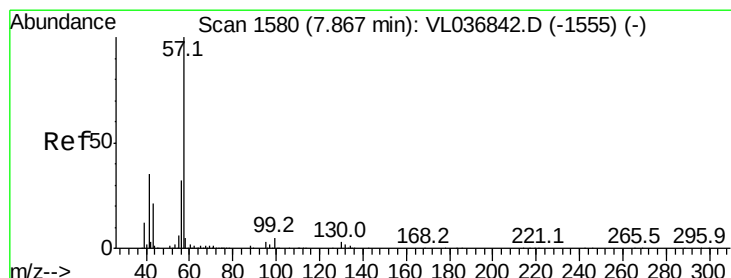
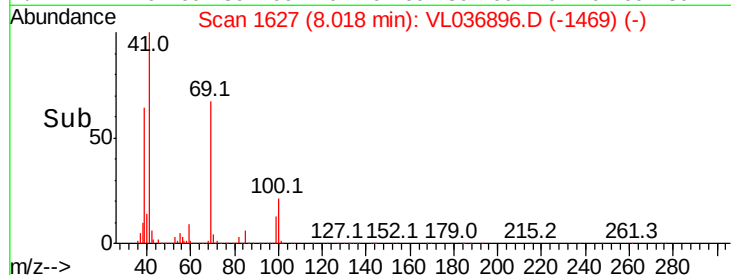
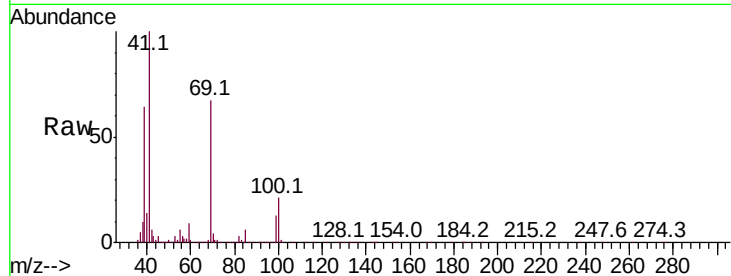
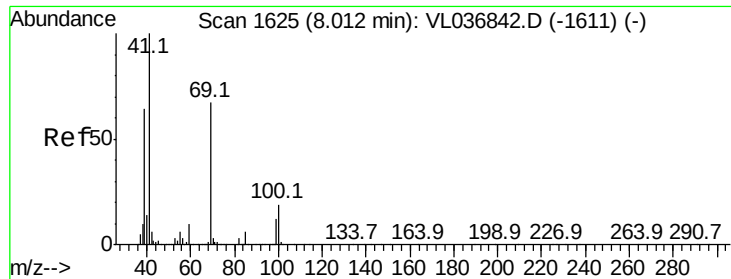
Ion Ratio Lower Upper

83 100

85 63.7 50.4 75.6

127 8.2 6.9 10.3





#43

Methyl Methacrylate

Concen: 12.066 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: ClientSampleId : VSTDCCC010

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

69 100

41 150.

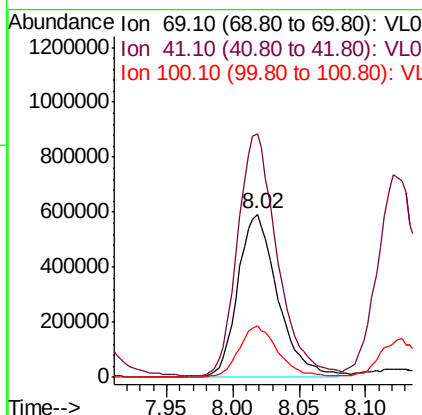
100 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#44

2,2,4-Trimethylpentane

Concen: 10.781 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

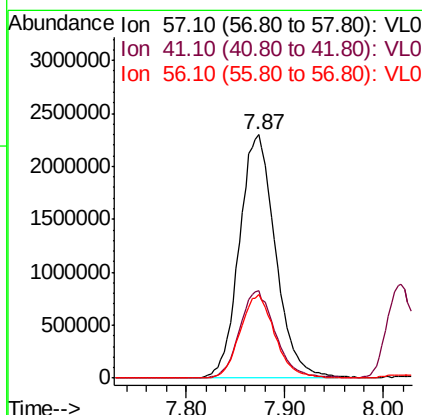
Tgt Ion: 57 Resp: 5824446

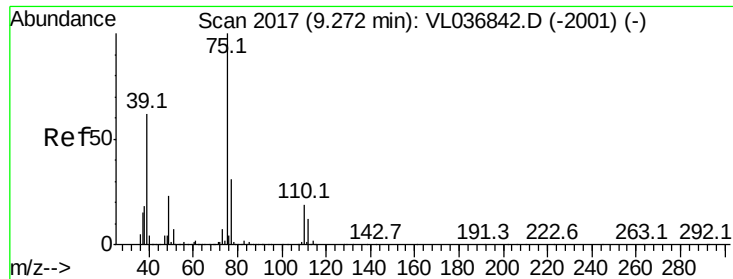
Ion Ratio Lower Upper

57 100

41 35.6 28.2 42.4

56 33.1 25.9 38.9



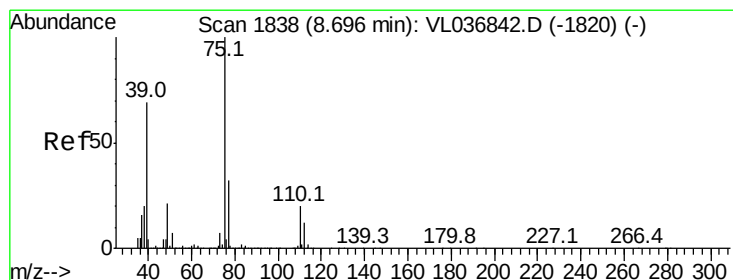
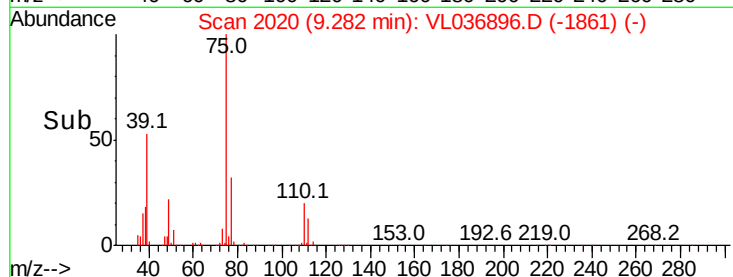
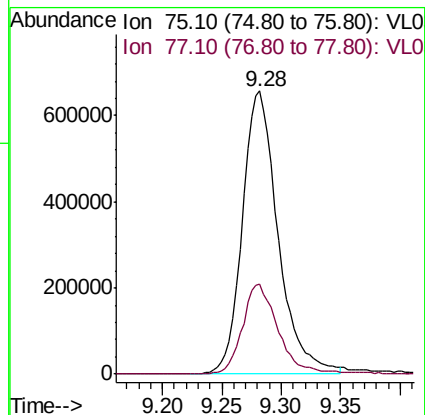
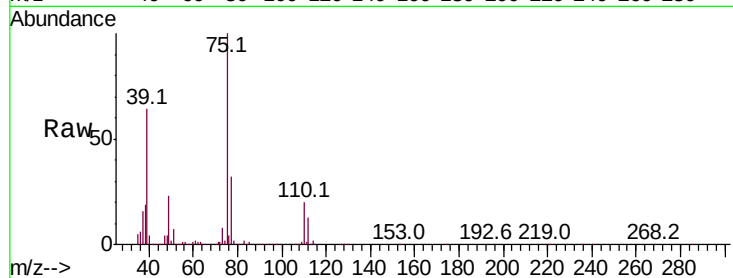


#45
 t-1,3-Dichloropropene
 Concen: 12.310 ppbv
 RT: 9.28
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 75 100
 77 31.

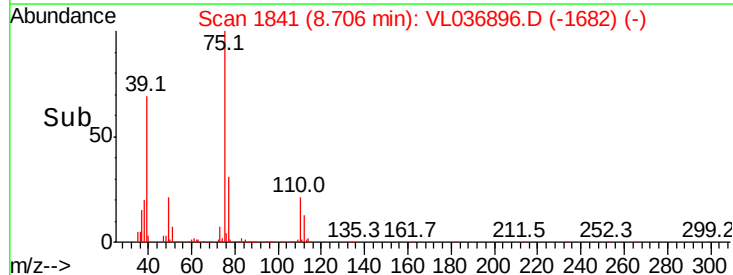
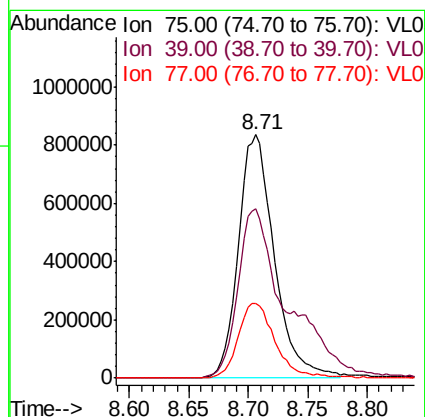
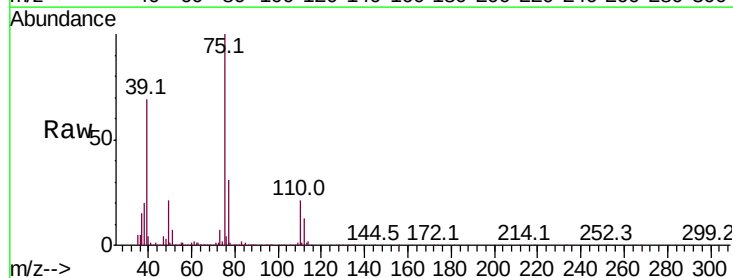
Manual Integrations
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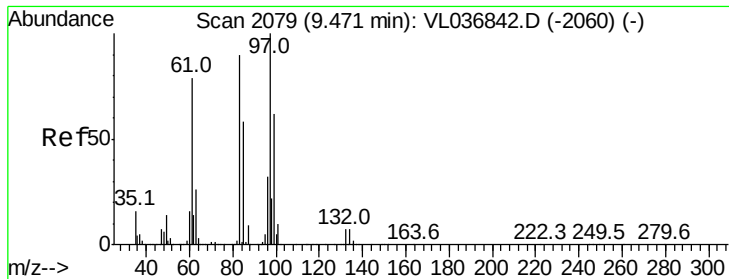
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#46
 cis-1,3-Dichloropropene
 Concen: 12.313 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 75 Resp: 1750711
 Ion Ratio Lower Upper
 75 100
 39 69.3 55.4 83.0
 77 30.6 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.965 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32 VSTDCCC010

Tot Ion:

Ion Ratio

97 100

83 92.

85 58.

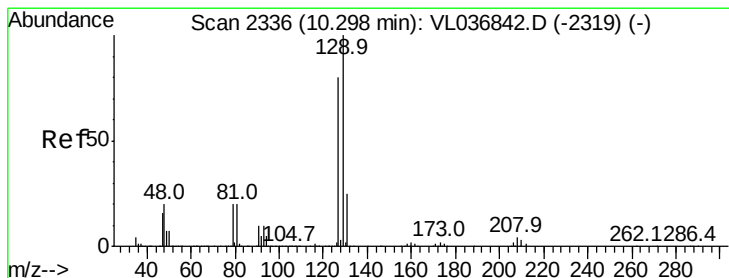
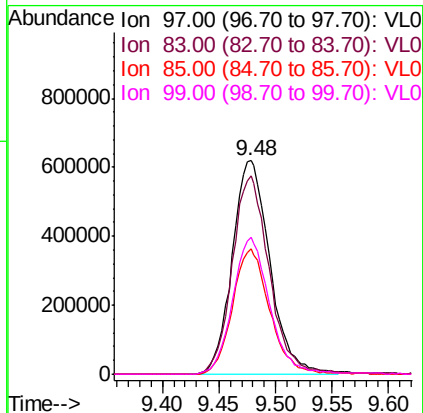
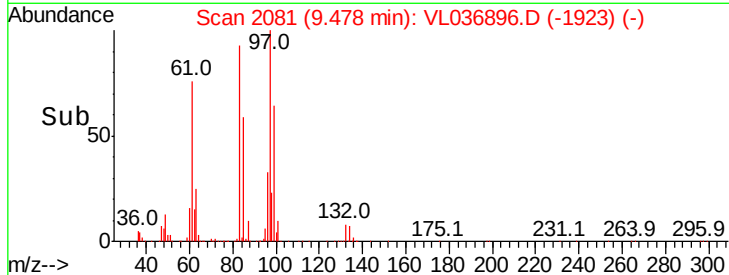
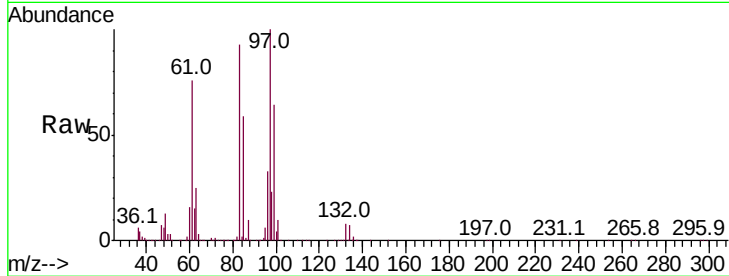
99 63.9 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#48

Dibromochloromethane

Concen: 11.912 ppbv

RT: 10.31 min Scan# 2339

Delta R.T. 0.01 min

Lab File: VL036896.D

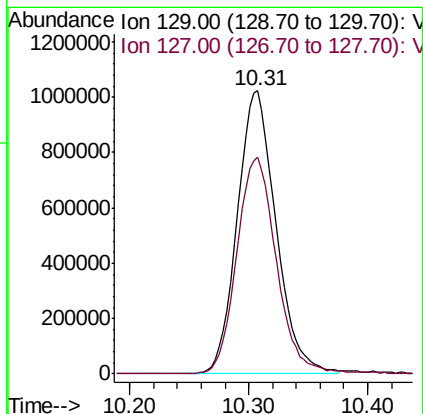
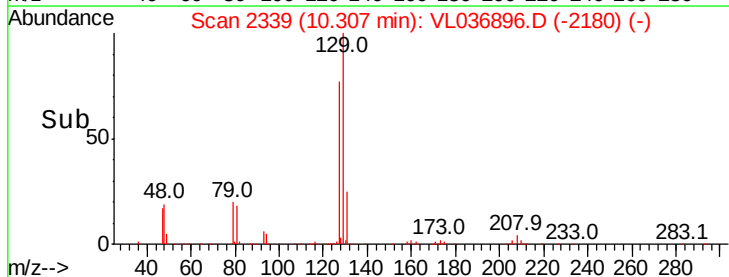
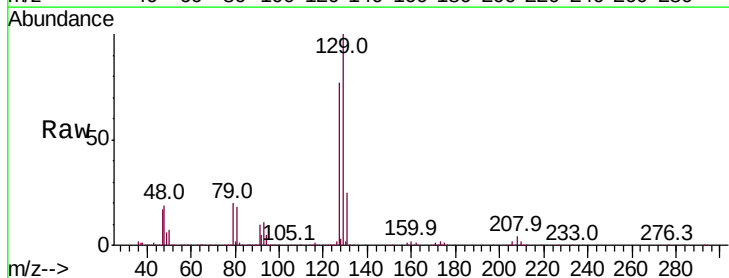
Acq: 6 May 2021 9:32

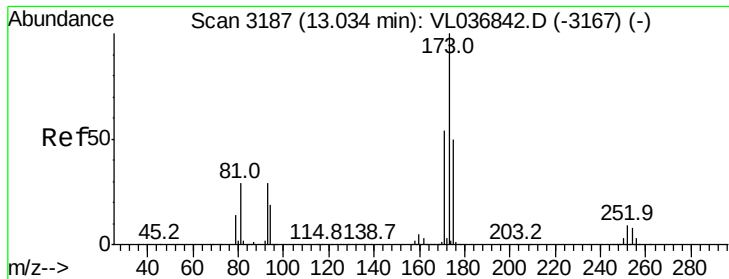
Tgt Ion:129 Resp: 2308114

Ion Ratio Lower Upper

129 100

127 78.5 40.2 120.5



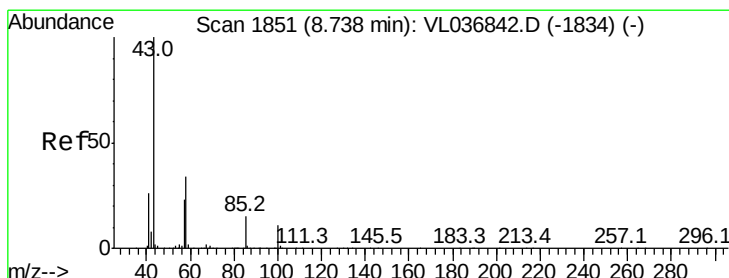
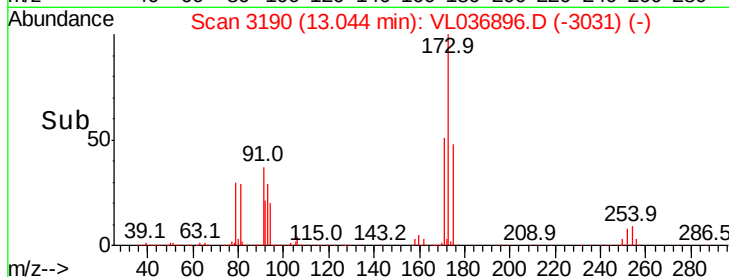
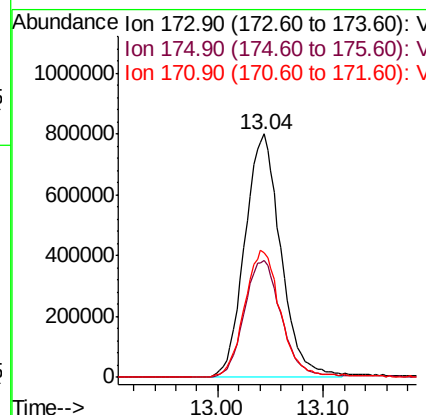
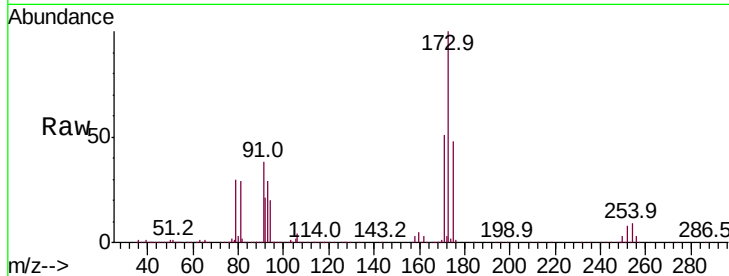


#49
Bromoform
Concen: 12.276 ppbv
RT: 13.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion:1
Ion Rati
173 100
175 50.
171 53.

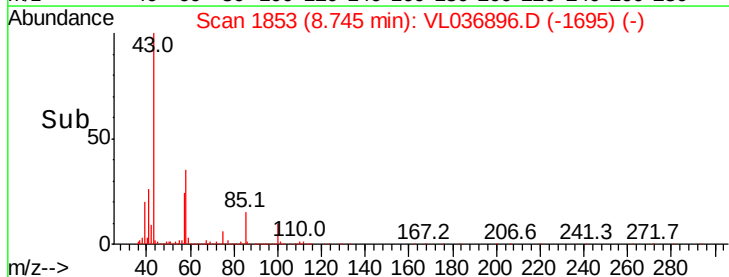
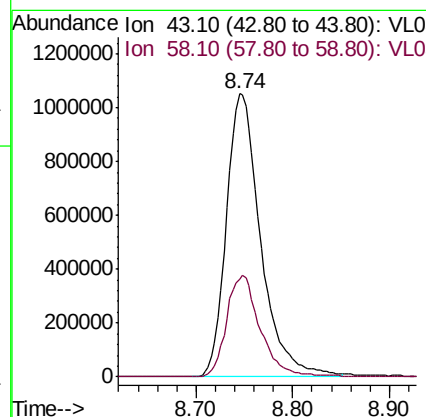
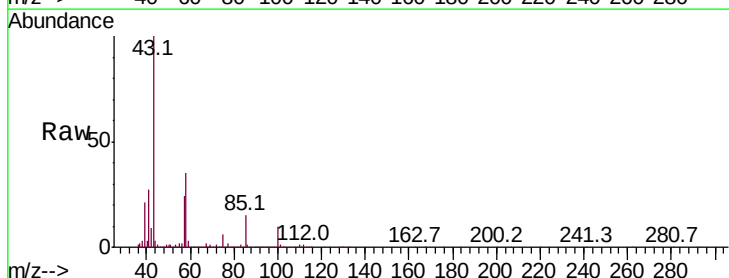
Manual Integrations
APPROVED

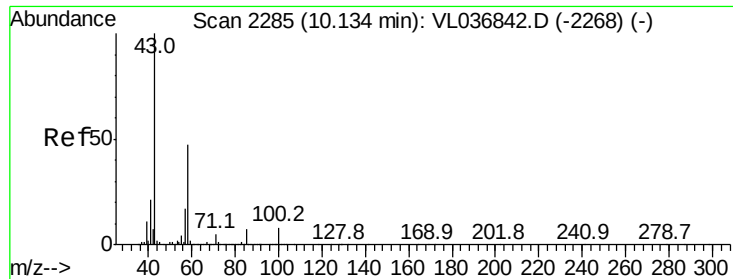
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#50
4-Methyl-2-Pentanone
Concen: 11.539 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 43 Resp: 2585064
Ion Ratio Lower Upper
43 100
58 35.8 27.8 41.8



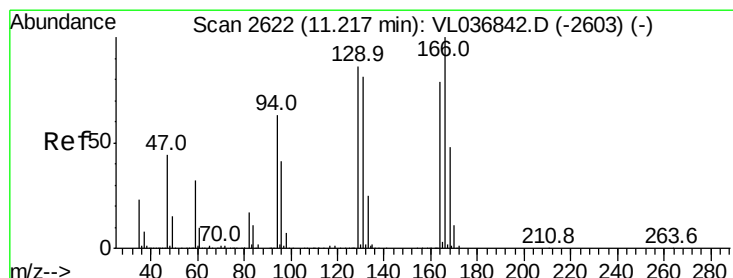
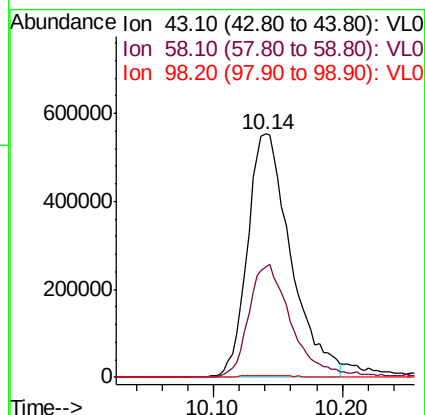
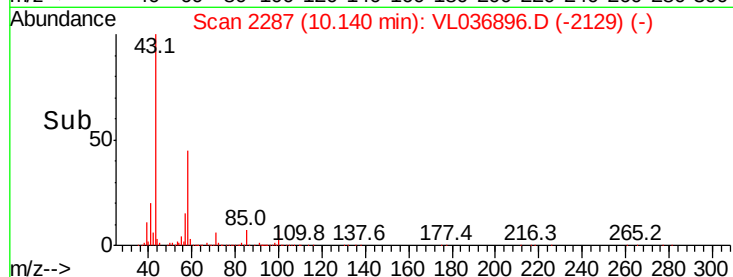
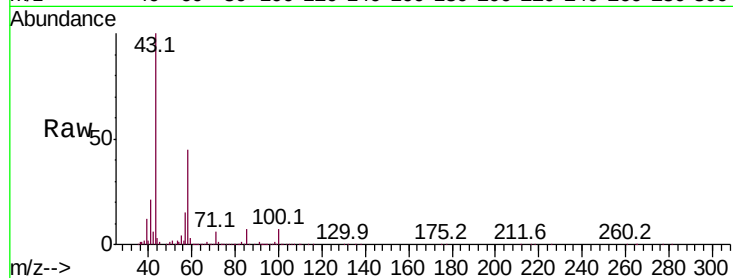


#51
2-Hexanone
Concen: 11.576 ppbv
RT: 10.14 min
Delta R.T.: 0.01 min
Lab File: VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion:
Ion Ratio
43 100
58 46.
98 1.

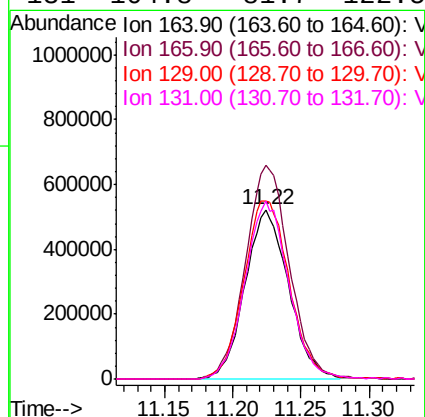
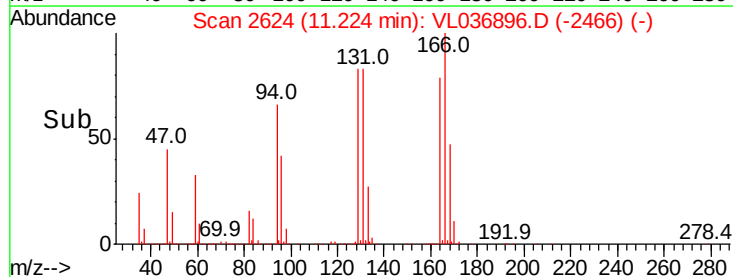
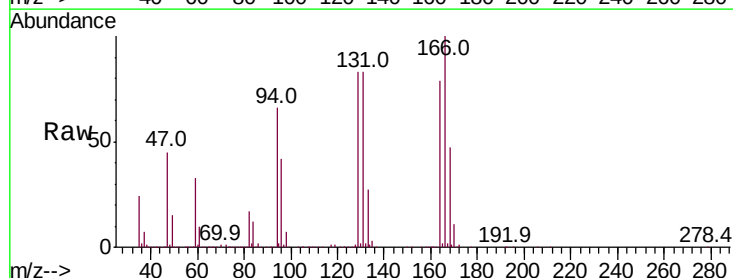
Manual Integrations
APPROVED

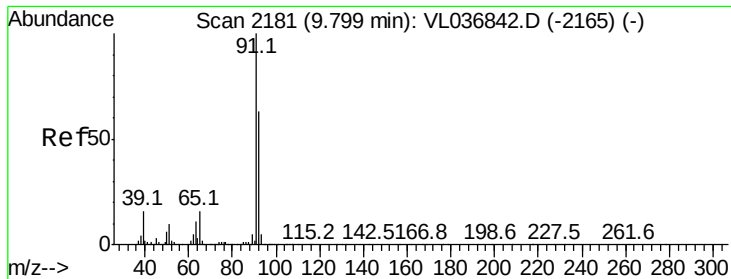
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#52
Tetrachloroethene
Concen: 10.709 ppbv
RT: 11.22 min Scan# 2624
Delta R.T.: 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 164 Resp: 1149568
Ion Ratio Lower Upper
164 100
166 126.3 100.9 151.3
129 105.0 87.0 130.4
131 104.8 81.7 122.5





#53

Toluene

Concen: 11.742 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

91 100

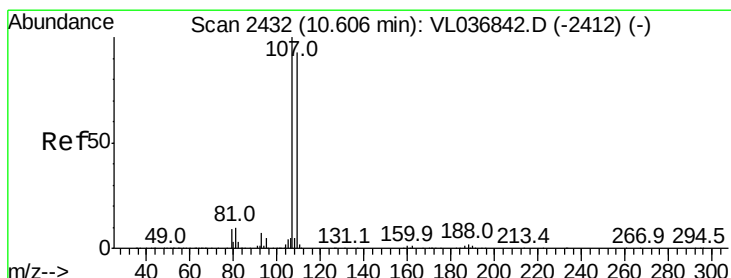
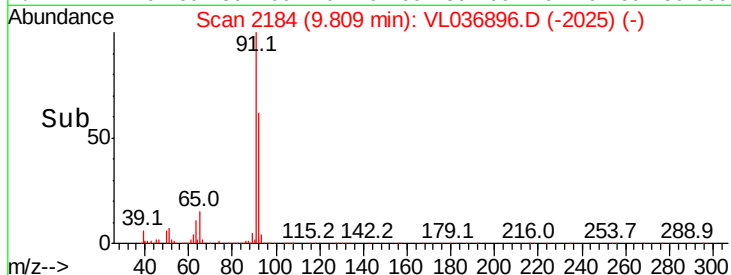
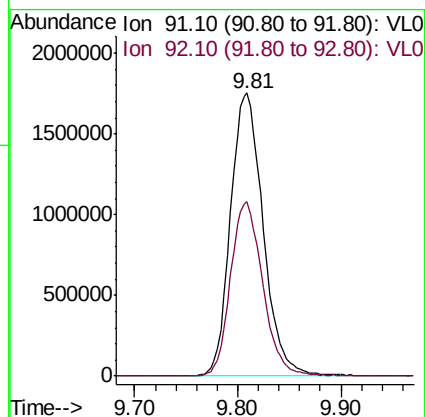
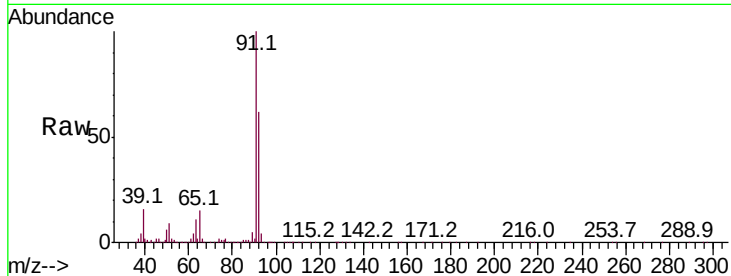
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#54

1,2-Dibromoethane

Concen: 10.810 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL036896.D

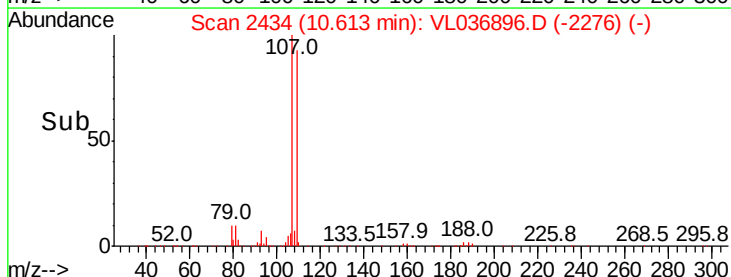
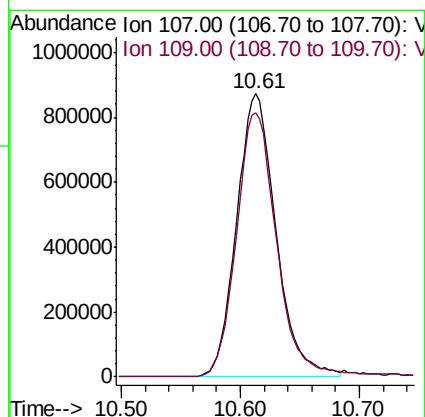
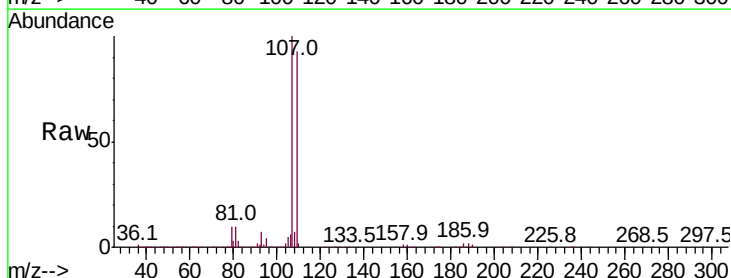
Acq: 6 May 2021 9:32

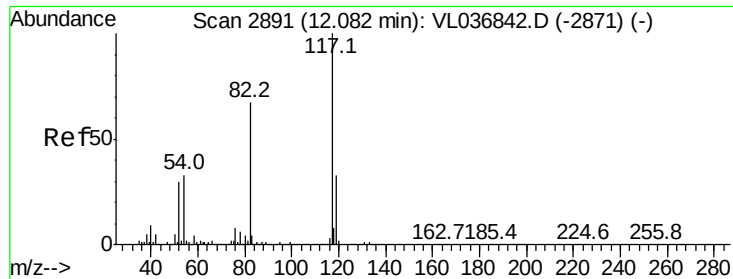
Tgt Ion:107 Resp: 1995544

Ion Ratio Lower Upper

107 100

109 93.2 74.7 112.1



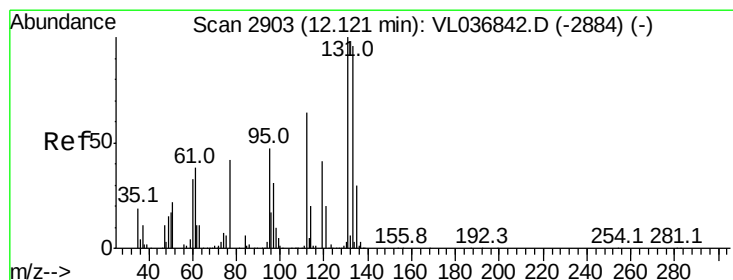
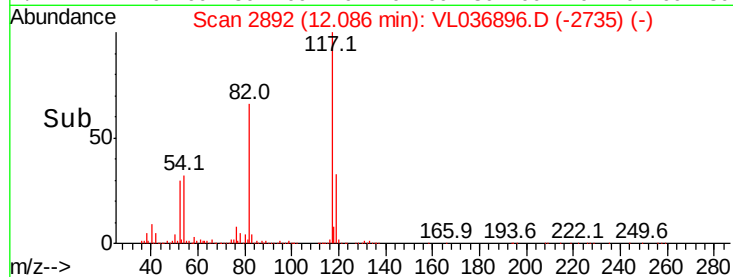
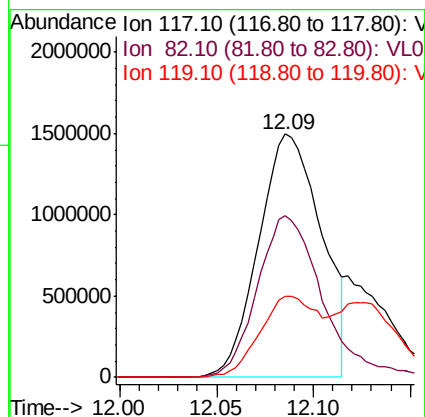
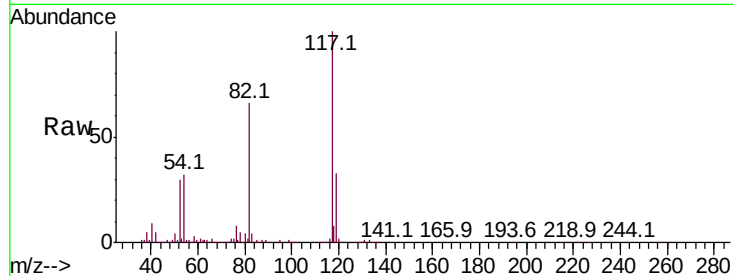


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 May 2021 9:32

Tot Ion:1
Ion Rati
117 100
82 70.
119 32.

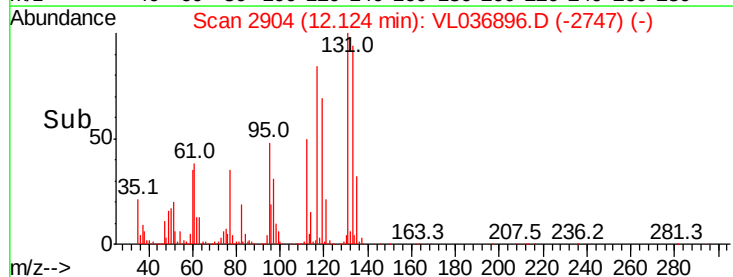
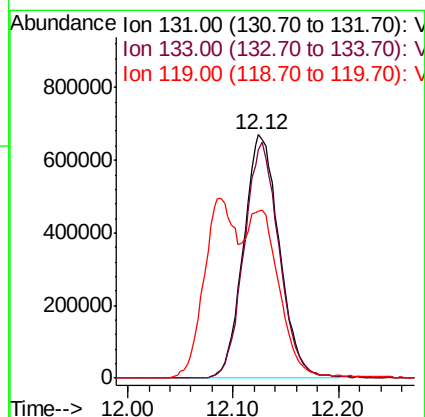
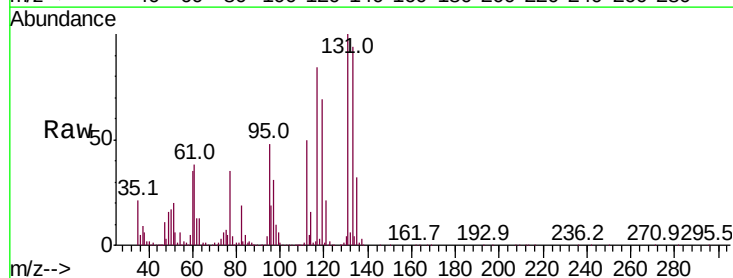
Manual Integrations
APPROVED

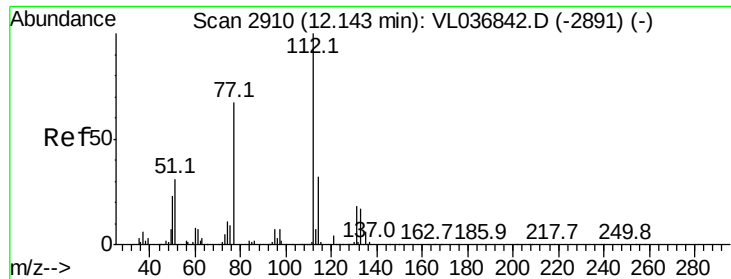
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 11.152 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion:131 Resp: 1583212
Ion Ratio Lower Upper
131 100
133 95.2 76.3 114.5
119 68.8 114.9 172.3#



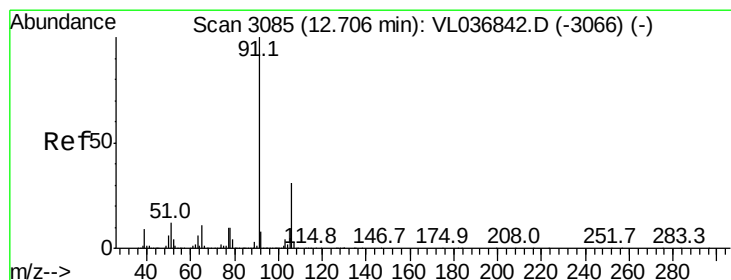
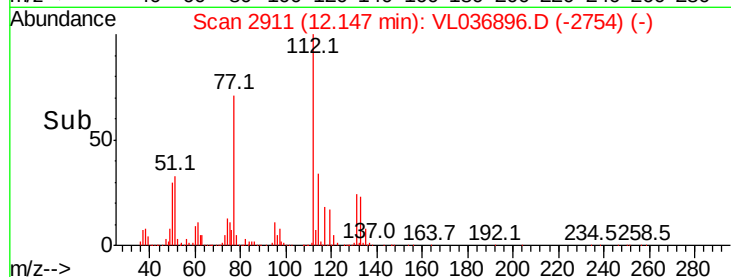
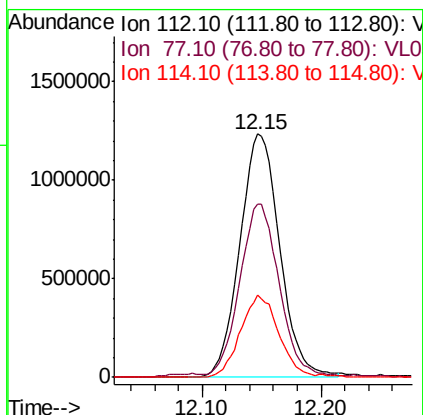
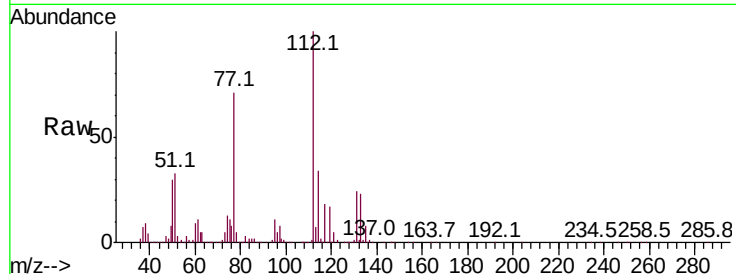


#57
Chlorobenzene
Concen: 10.886 ppbv
RT: 12.15
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion:1
Ion Rati
112 100
77 70.
114 33.

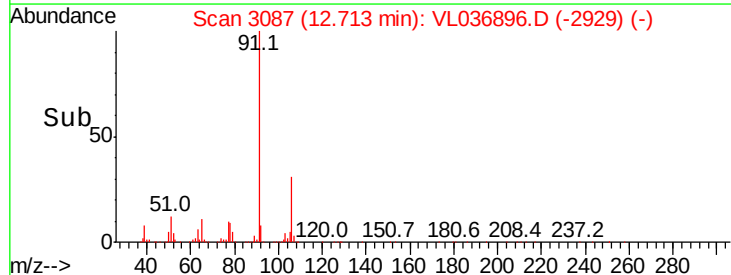
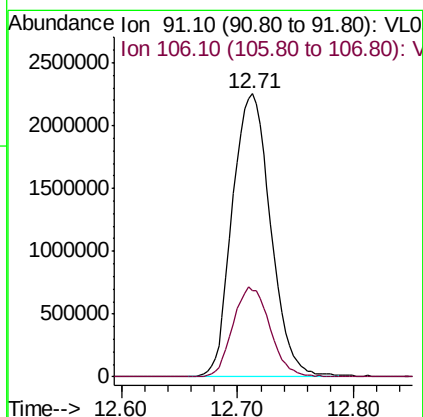
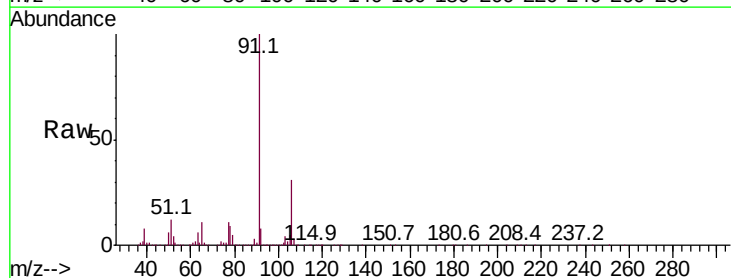
Manual Integrations
APPROVED

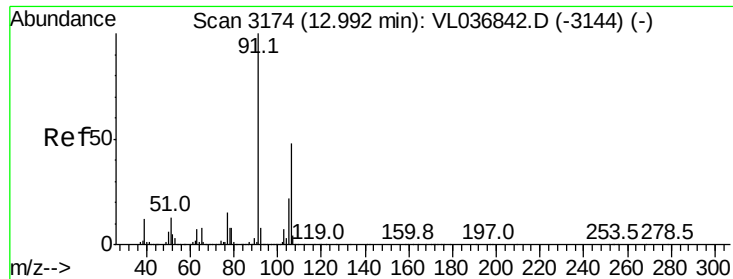
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#58
Ethyl Benzene
Concen: 12.014 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.01 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 5160020
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



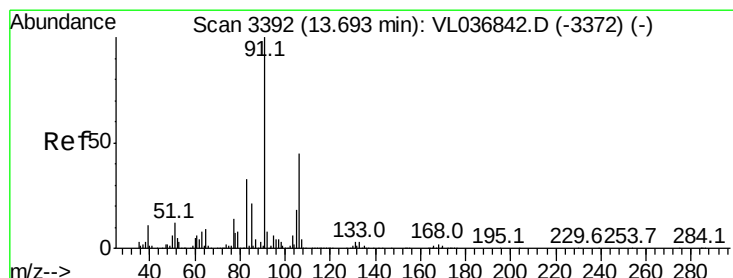
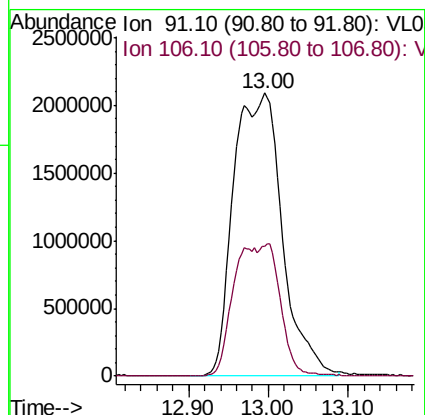
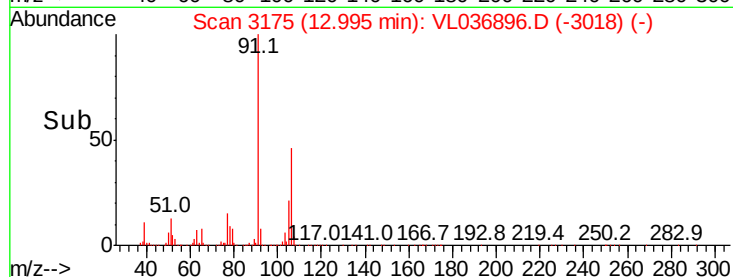
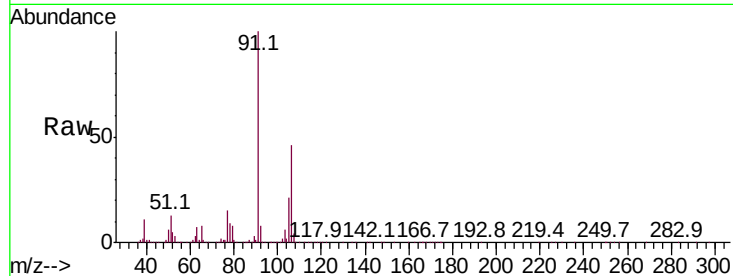


#59
m/p-Xylene
Concen: 23.084 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 6 May 2021 9:32

Tot Ion:
Ion Ratio
91 100
106 44.

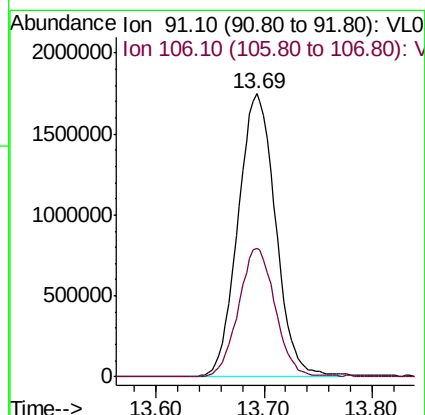
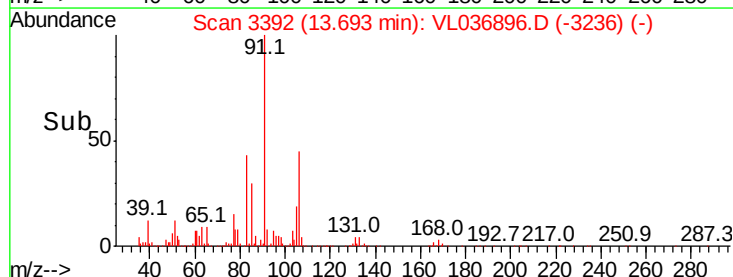
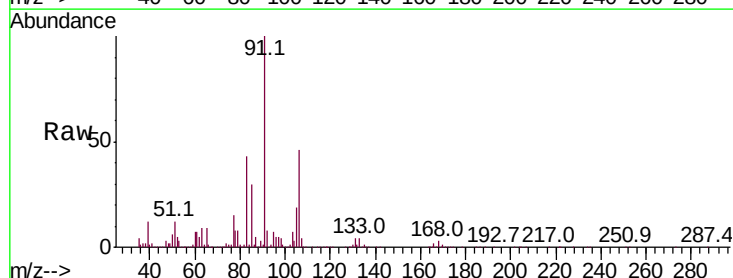
Manual Integrations
APPROVED

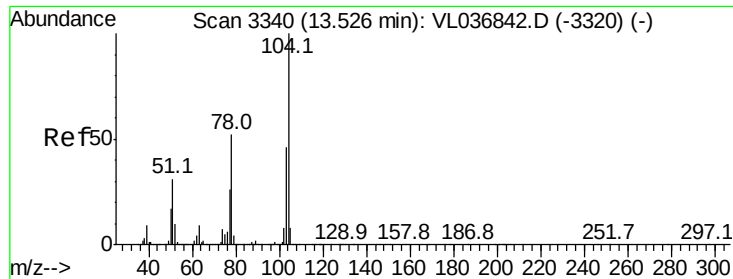
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#60
o-Xylene
Concen: 11.351 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 4213118
Ion Ratio Lower Upper
91 100
106 45.2 22.6 67.7





#61

Stvrene

Concen: 13.688 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32

Tot Ion:1

Ion Rati

104 100

78 52.

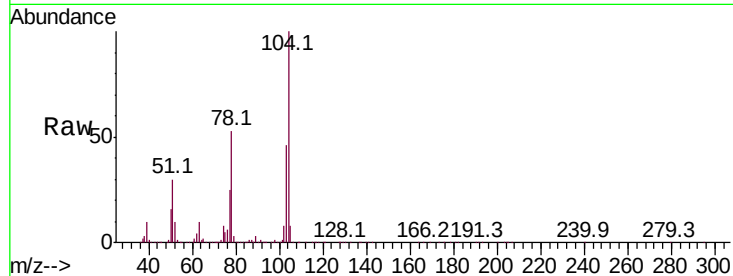
103 46.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

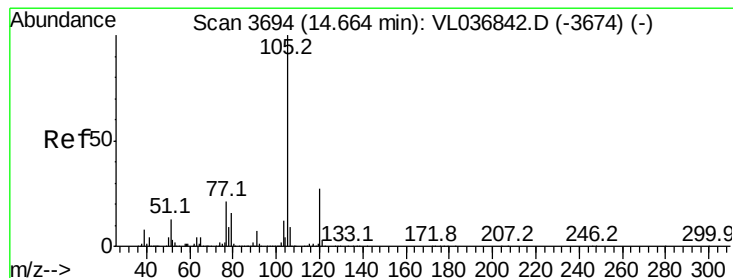
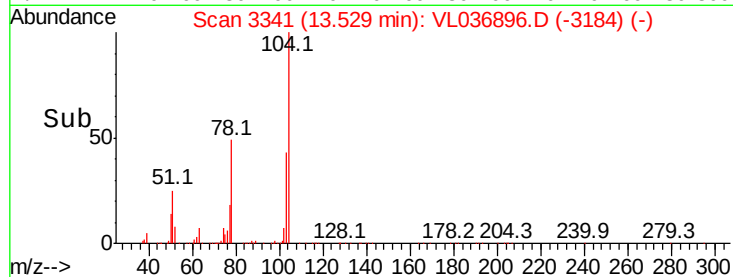
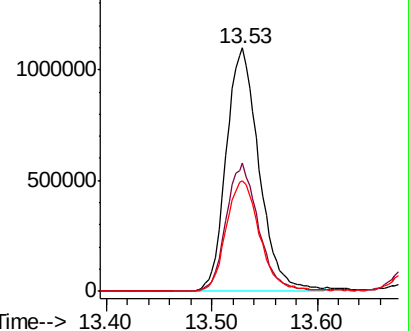
Supervised By :Mahesh Dadoda 05/10/2021



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: 11.062 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VL036896.D

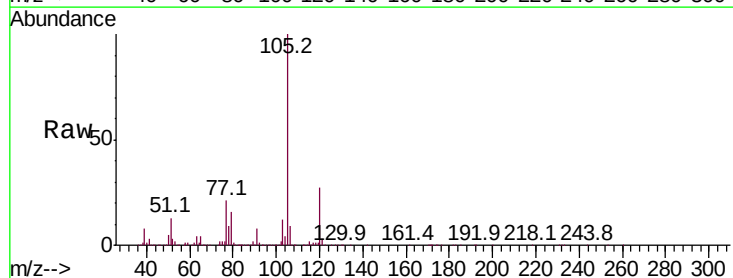
Acq: 6 May 2021 9:32

Tgt Ion:105 Resp: 5586446

Ion Ratio Lower Upper

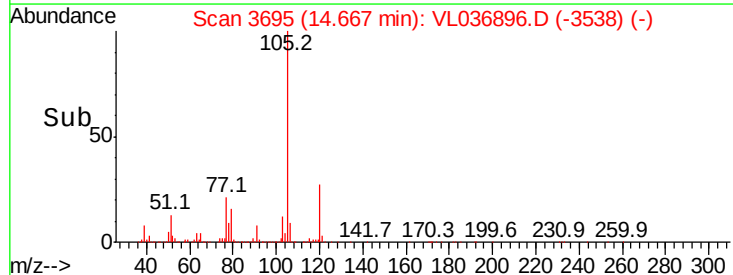
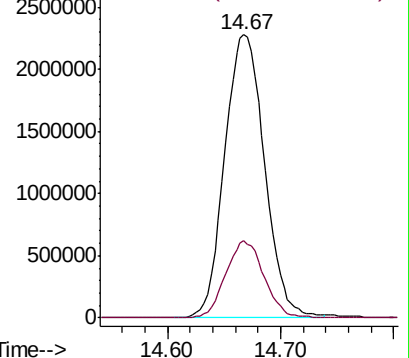
105 100

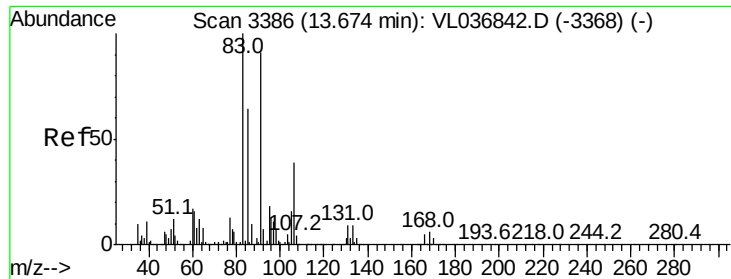
120 26.4 21.1 31.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



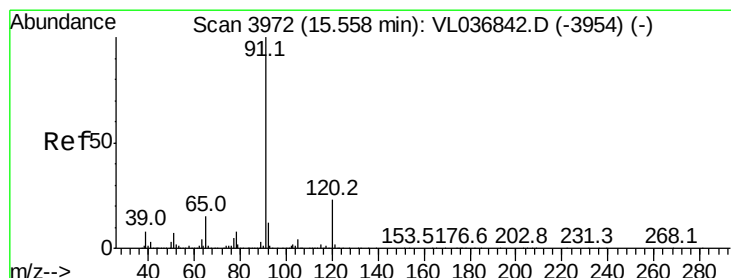
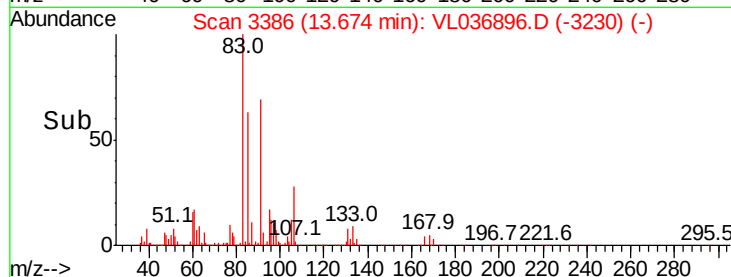
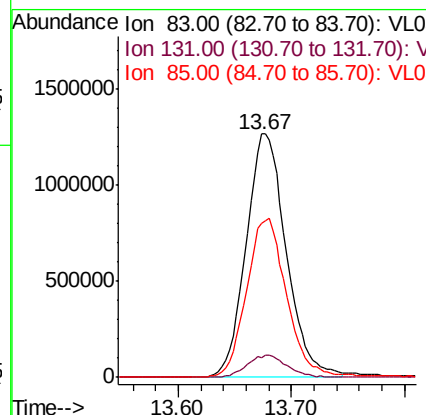
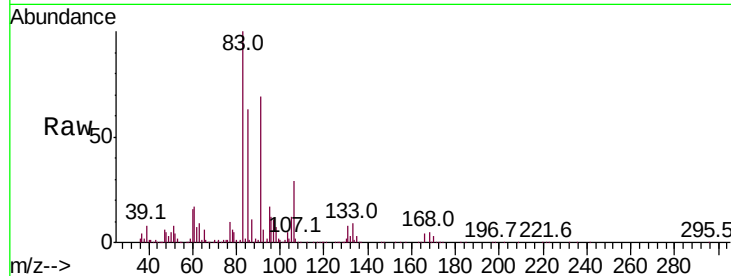


#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.468 ppbv
 RT: 13.67 min
 Delta R.T. 0.00 min
 Lab File: VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

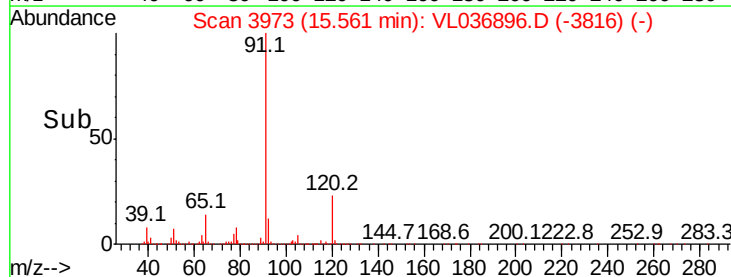
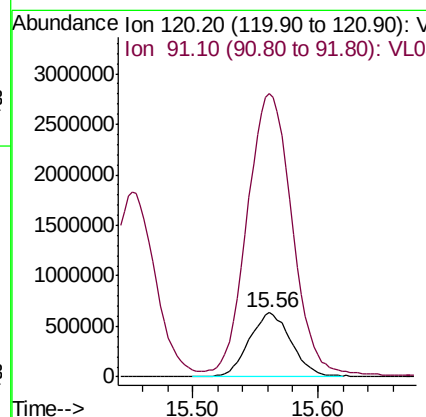
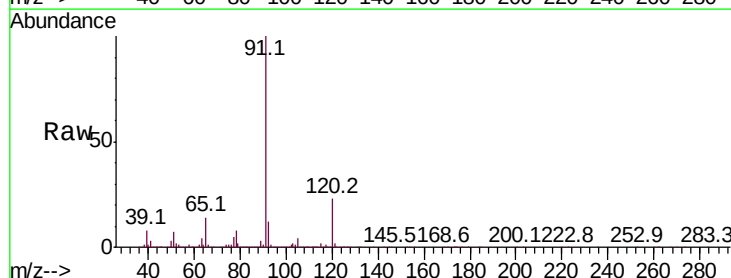
Manual Integrations
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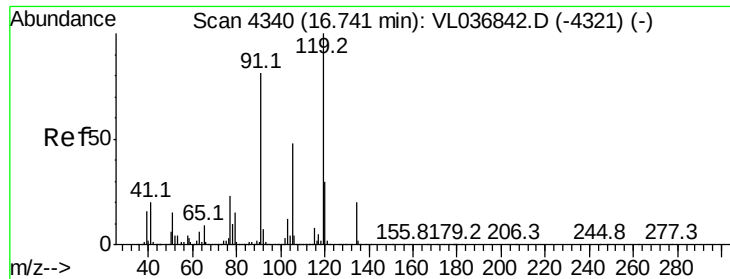
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#64
 n-propylbenzene
 Concen: 11.794 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:120 Resp: 1484385
 Ion Ratio Lower Upper
 120 100
 91 477.6 378.6 567.8



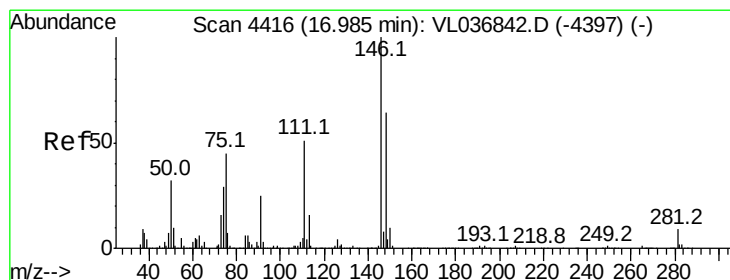
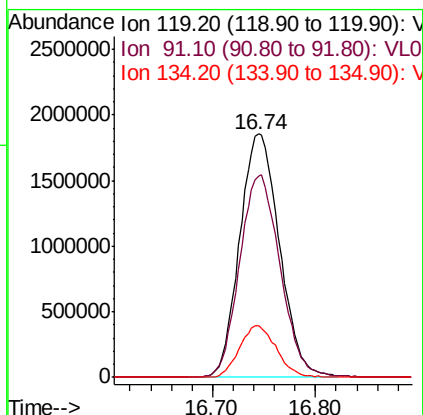
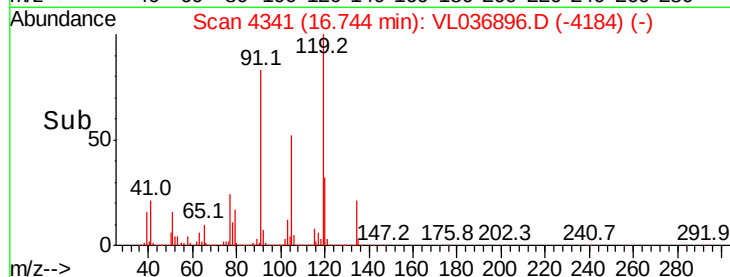
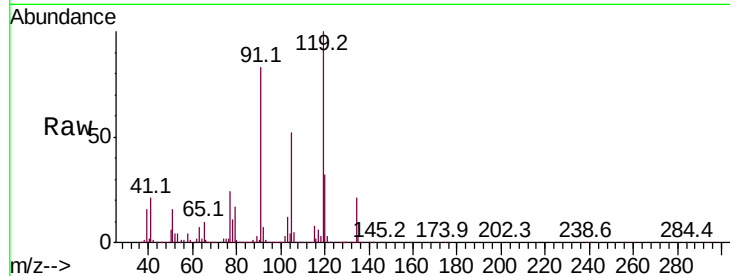


#65
tert-Butylbenzene
Concen: 11.137 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 6 May 2021 9:32

Tot Ion: 1
Ion Ratio
119 100
91 85.
134 19.

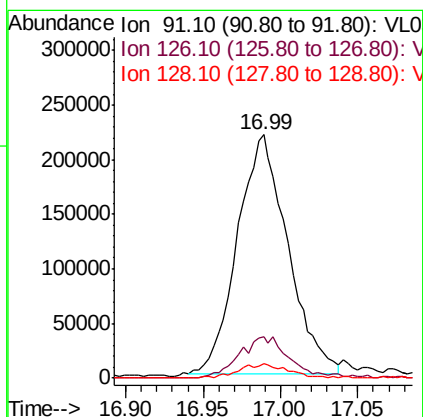
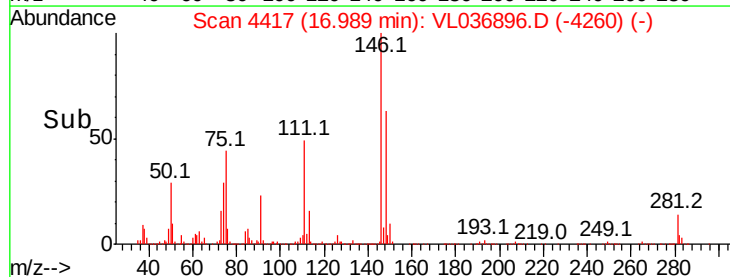
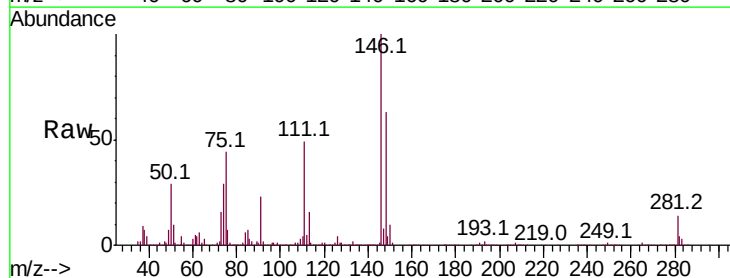
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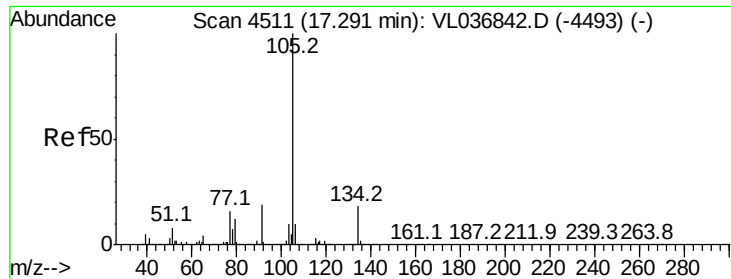
Reviewed By : Semsettin Yesilyurt 05/08/2021
Supervised By : Mahesh Dadoda 05/10/2021



#66
Benzyl Chloride
Concen: 11.418 ppbv
RT: 16.99 min Scan# 4417
Delta R.T.: 0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 498450
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 6.0 4.8 7.2





#67

sec-Butylbenzene

Concen: 11.295 ppbv

RT: 17.29

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32

Tot Ion:1

Ion Ratio

105 100

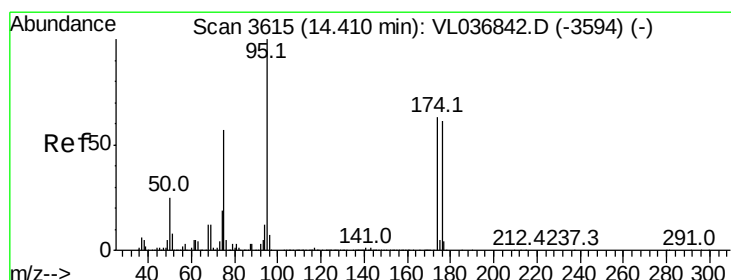
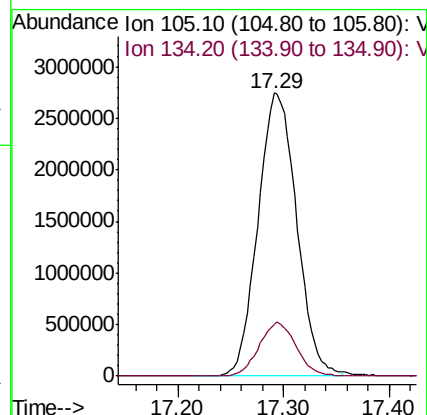
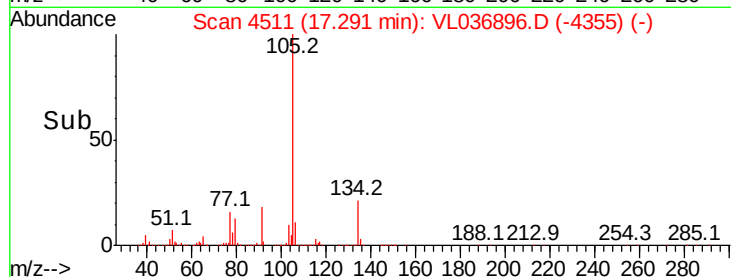
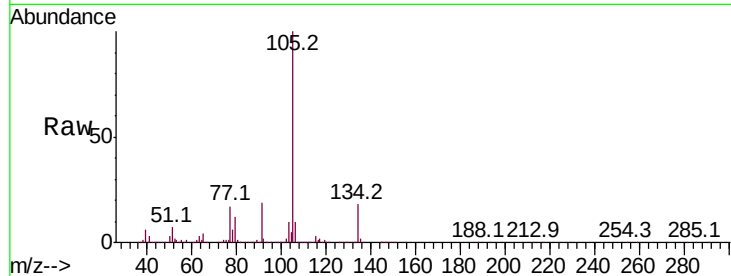
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.883 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

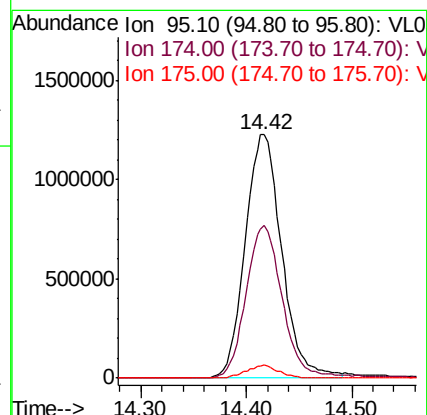
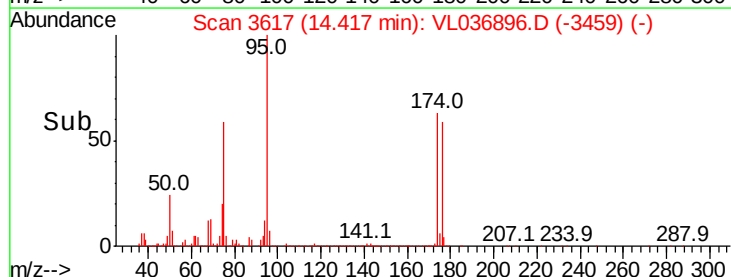
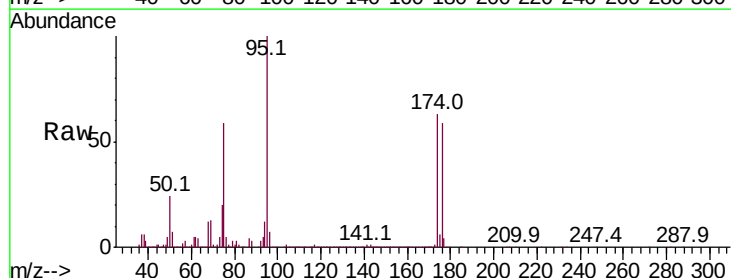
Tgt Ion: 95 Resp: 2958257

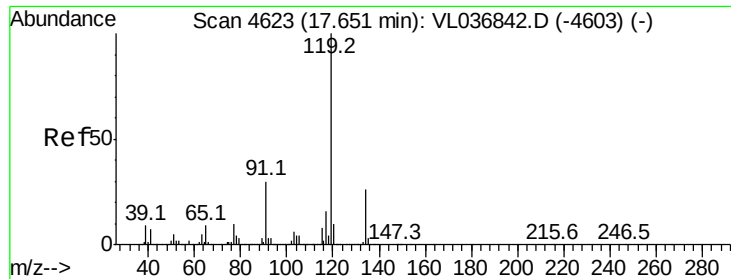
Ion Ratio Lower Upper

95 100

174 63.6 52.2 78.2

175 4.8 4.0 6.0



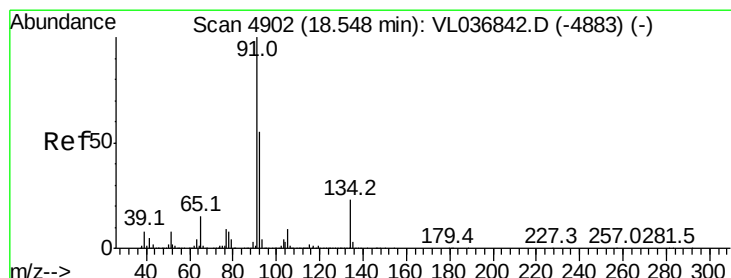
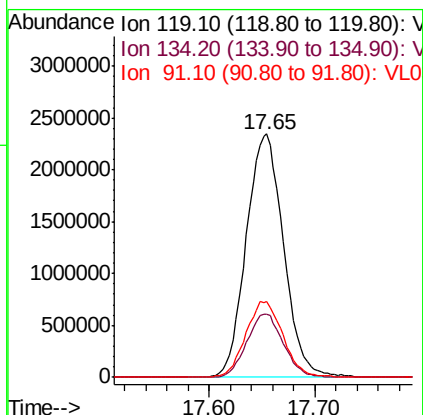
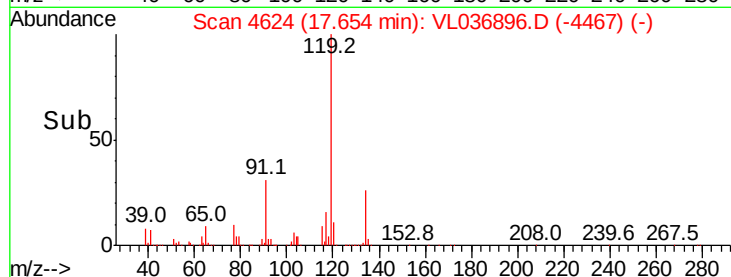
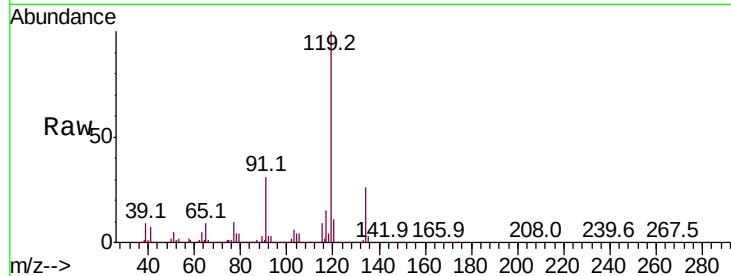


#69
 p-Isopropyltoluene
 Concen: 11.593 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 6 May 2021 9:32

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

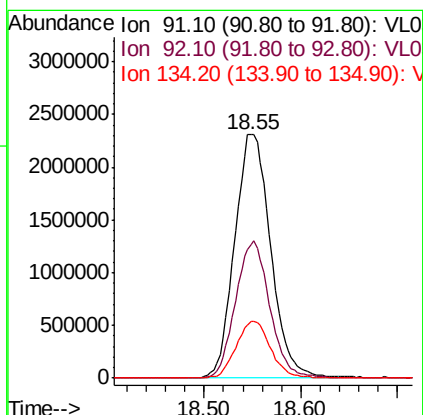
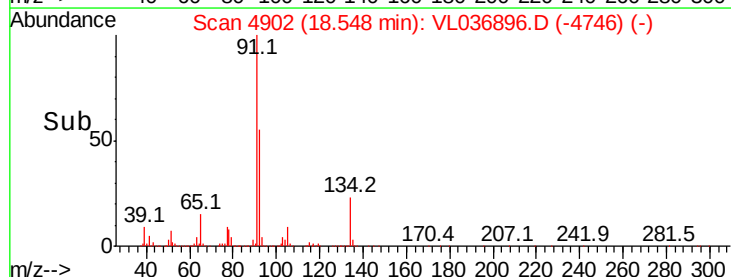
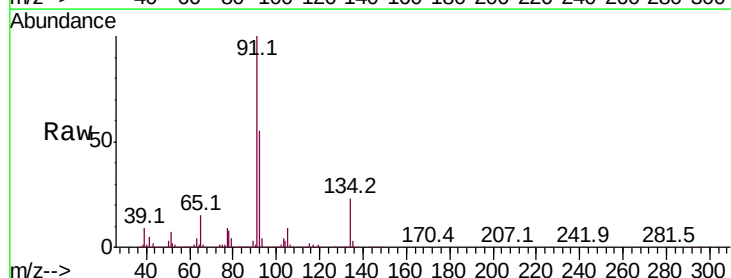
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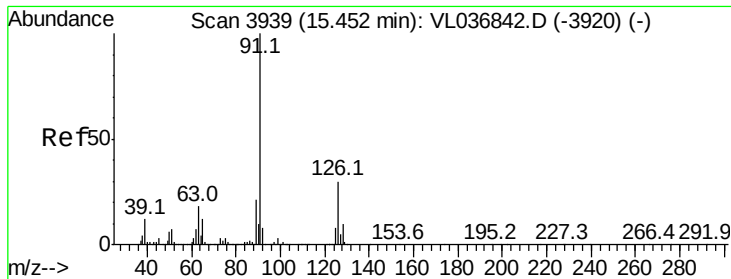
Reviewed By : Semsettin Yesilyurt 05/08/2021
 Supervised By : Mahesh Dadoda 05/10/2021



#70
 n-Butylbenzene
 Concen: 11.901 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion: 91 Resp: 5962469
 Ion Ratio Lower Upper
 91 100
 92 53.9 43.5 65.3
 134 22.5 18.2 27.4





#71

2-Chlorotoluene

Concen: 11.571 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 May 2021 9:32

Tot Ion:

Ion Ratio

91 100

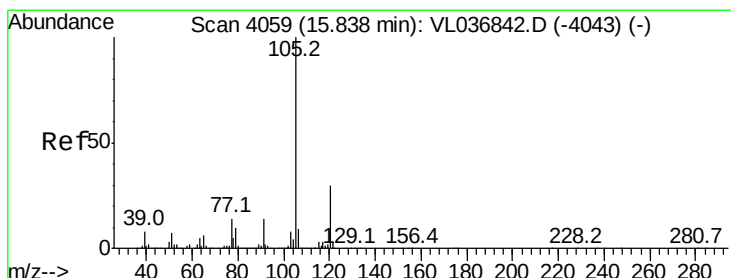
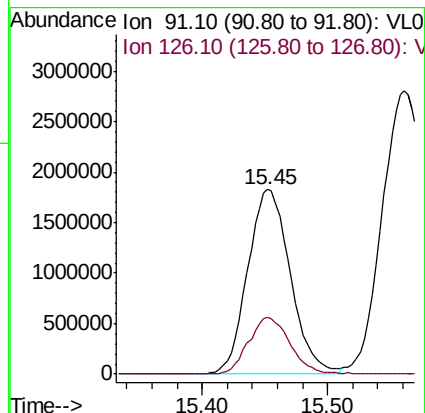
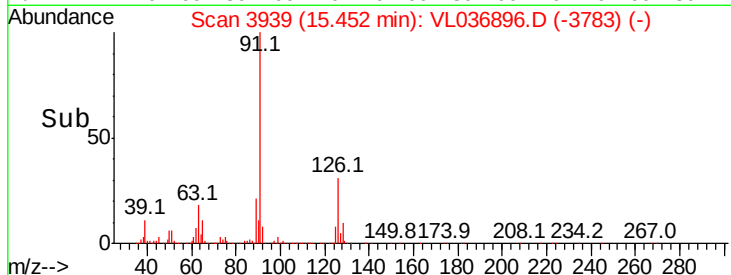
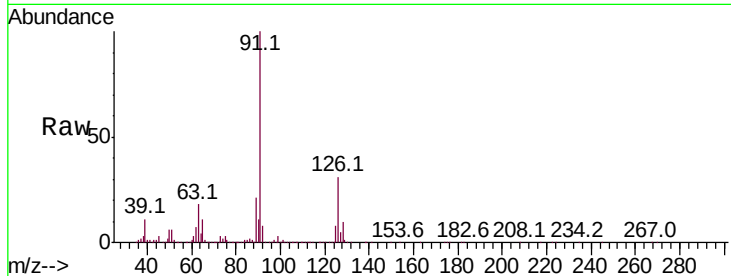
126 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#72

4-Ethyltoluene

Concen: 12.193 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.00 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

Tgt Ion:105 Resp: 4857371

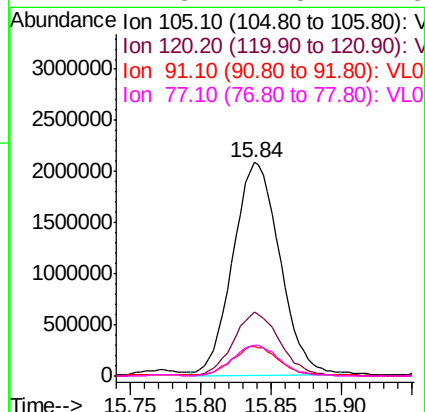
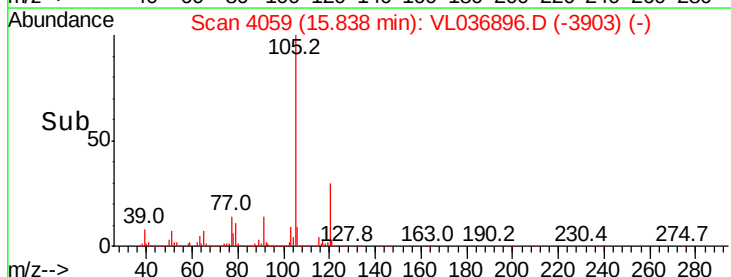
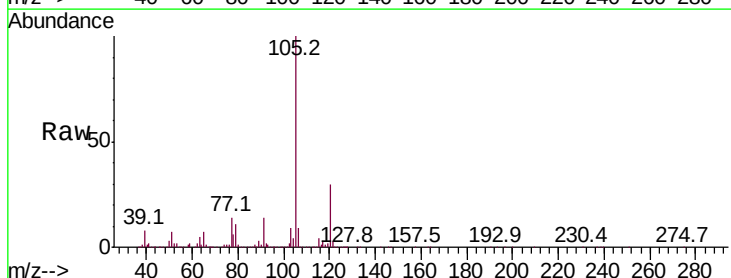
Ion Ratio Lower Upper

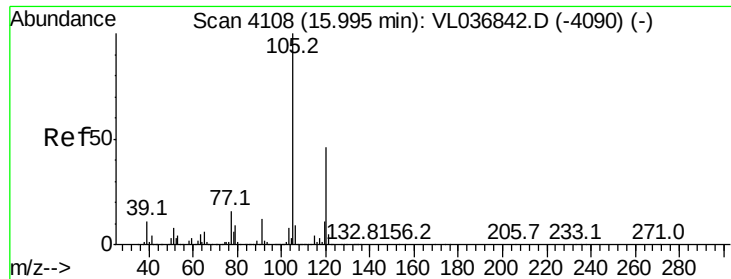
105 100

120 29.9 23.8 35.6

91 14.0 10.7 16.1

77 14.8 11.5 17.3



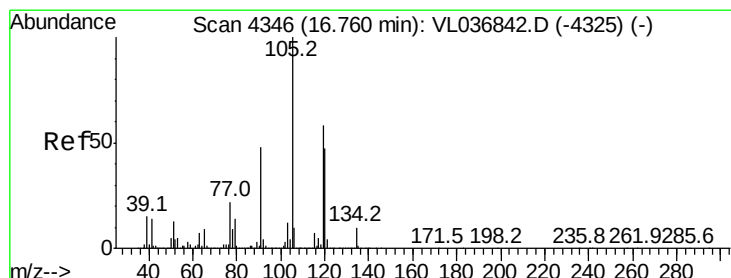
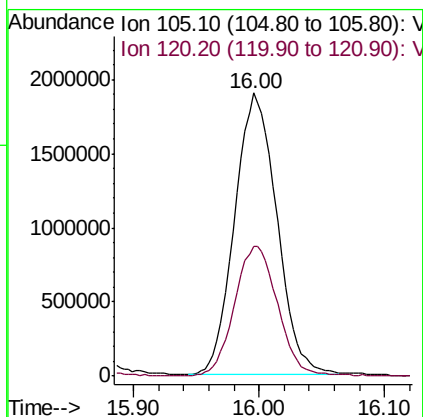
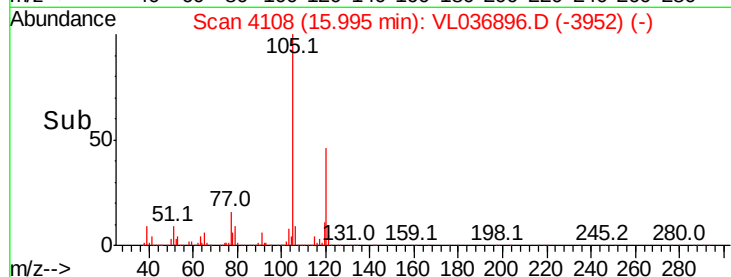
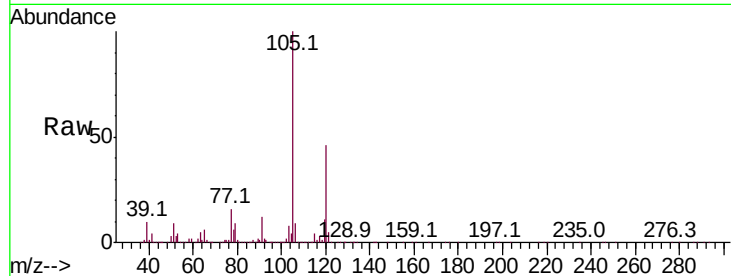


#73
 1,3,5-Trimethylbenzene
 Concen: 11.491 ppbv
 RT: 16.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 6 May 2021 9:32

Tot Ion:1
 Ion Rati
 105 100
 120 46.

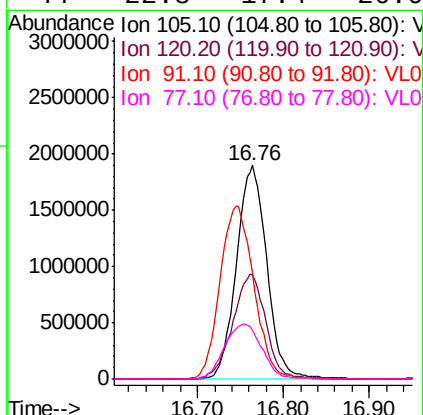
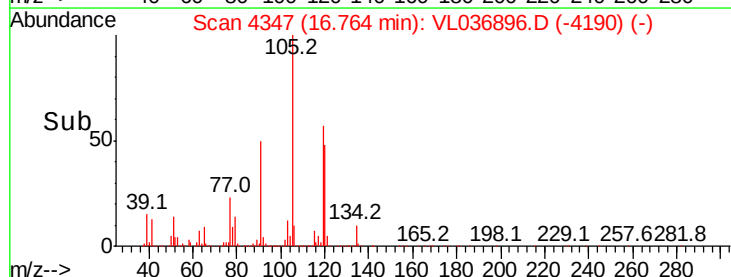
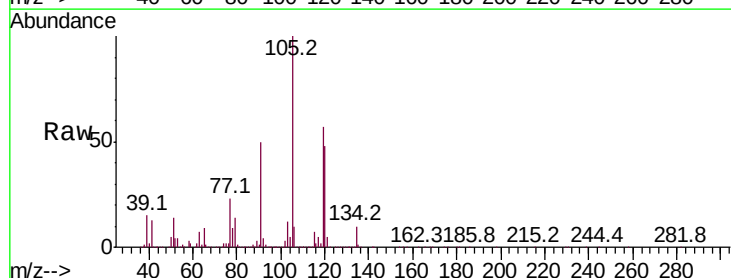
Manual Integrations
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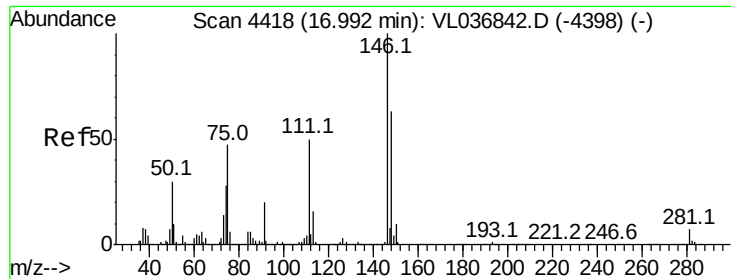
Reviewed By :Semsettin Yesilyurt 05/08/2021
 Supervised By :Mahesh Dadoda 05/10/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 11.302 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.00 min
 Lab File: VL036896.D
 Acq: 6 May 2021 9:32

Tgt Ion:105 Resp: 4638534
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.6 56.4
 91 49.6 39.0 58.4
 77 22.8 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 10.978 ppbv

RT: 17.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 6 May 2021 9:32

Tot Ion:1

Ion Rati

146 100

111 48.

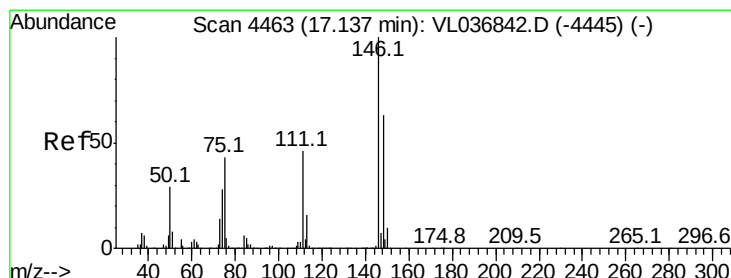
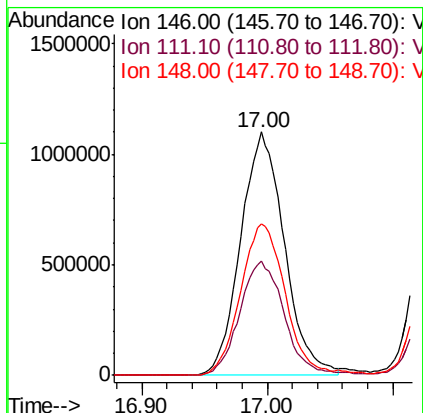
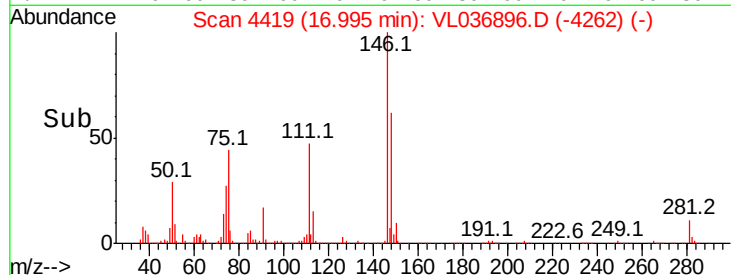
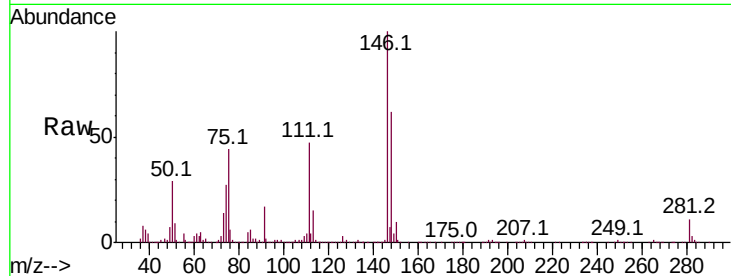
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#76

1,4-Dichlorobenzene

Concen: 10.775 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.00 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

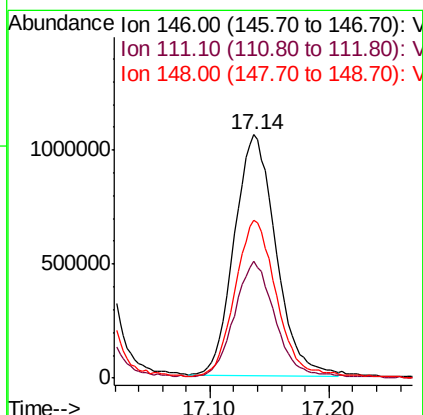
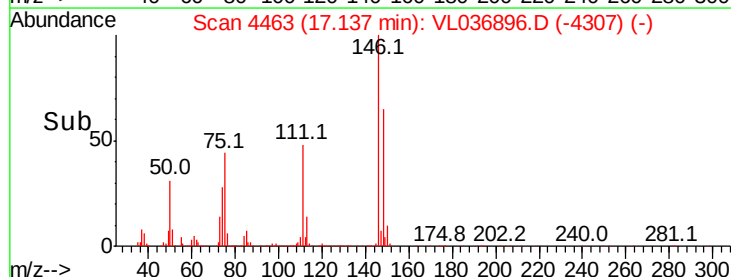
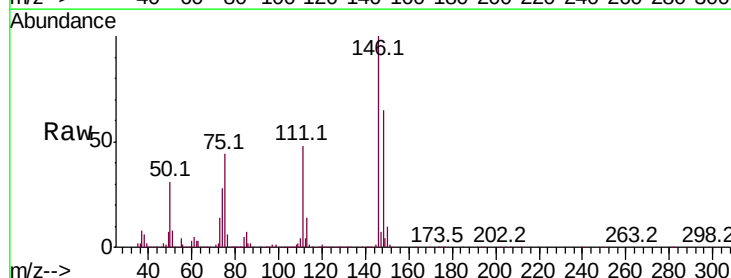
Tgt Ion:146 Resp: 2558217

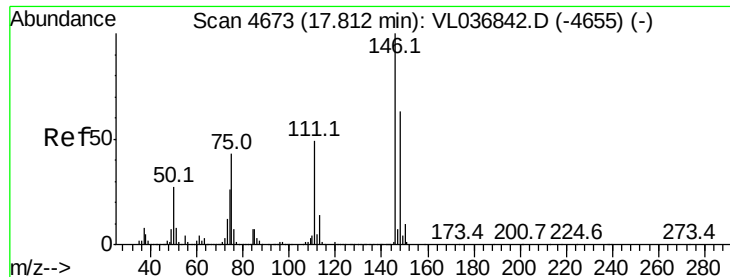
Ion Ratio Lower Upper

146 100

111 47.2 24.3 72.8

148 66.2 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 10.853 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDCCC010

Acq: 6 May 2021 9:32

Tot Ion:1

Ion Rati

146 100

111 50.

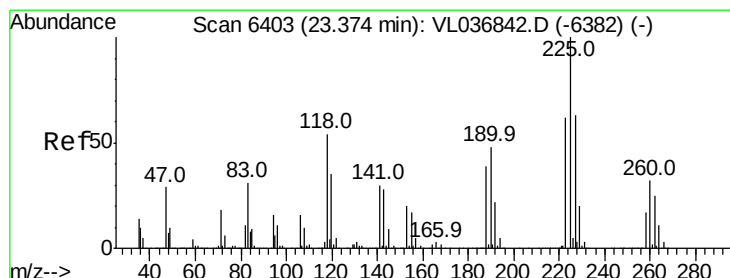
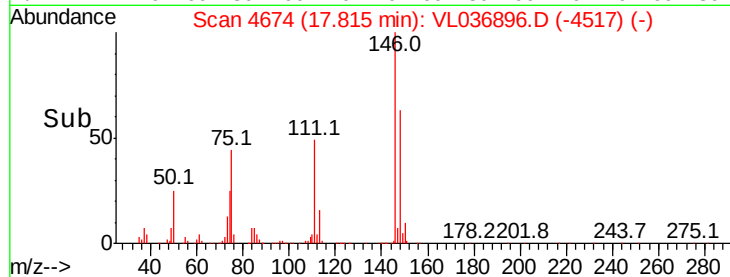
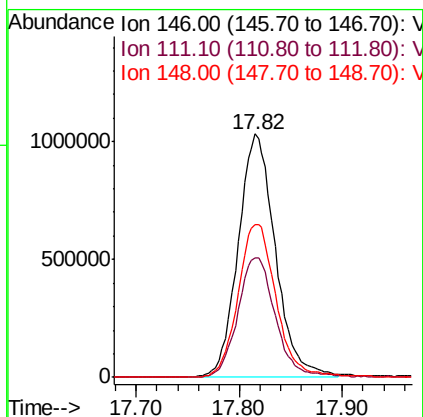
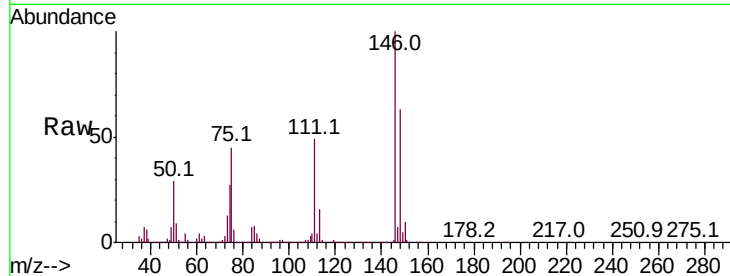
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021



#78

Hexachloro-1,3-Butadiene

Concen: 9.175 ppbv

RT: 23.37 min Scan# 6403

Delta R.T. 0.00 min

Lab File: VL036896.D

Acq: 6 May 2021 9:32

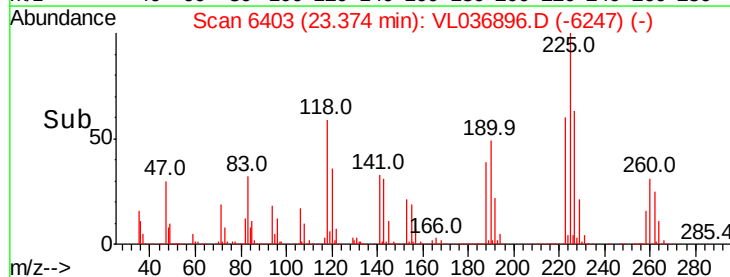
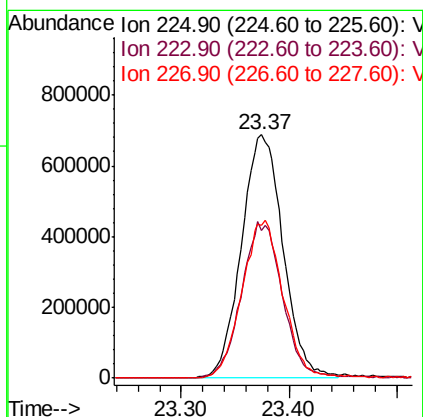
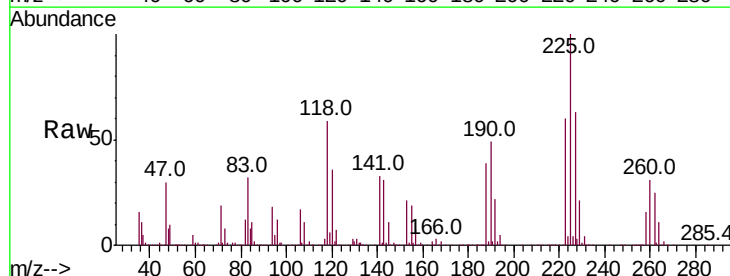
Tgt Ion:225 Resp: 1847395

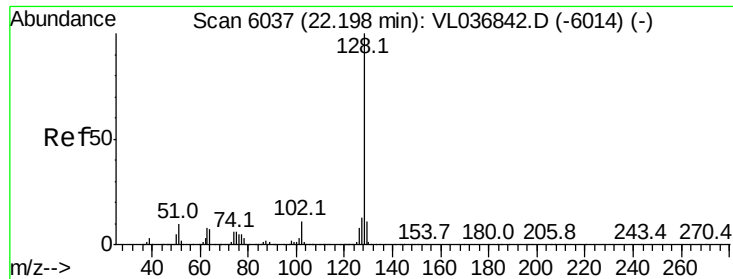
Ion Ratio Lower Upper

225 100

223 63.7 51.2 76.8

227 64.8 51.8 77.6



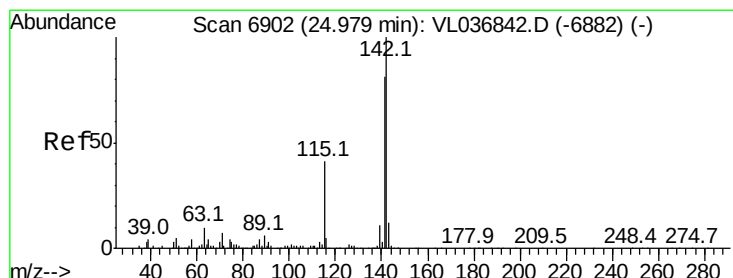
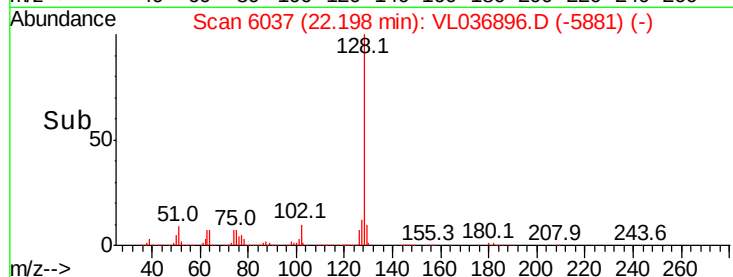
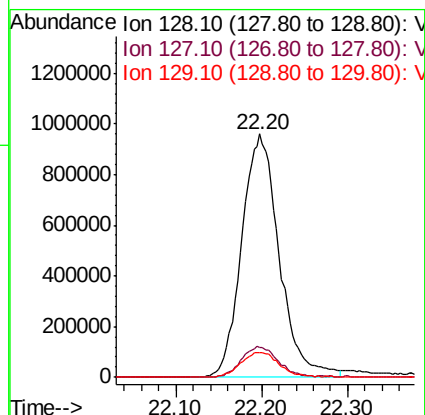
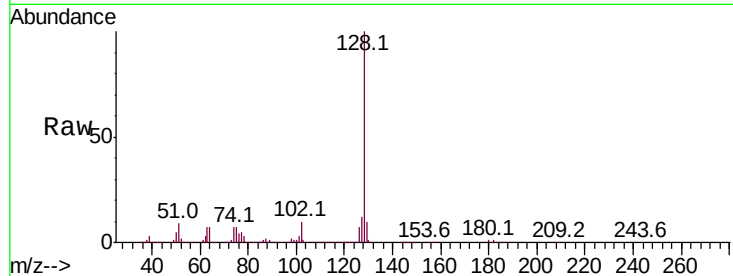


#79
Naphthalene
Concen: 12.646 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 6 May 2021 9:32

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

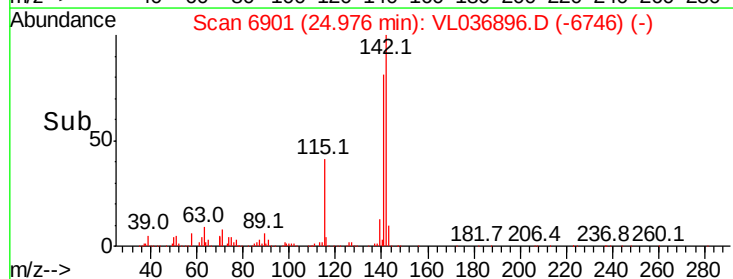
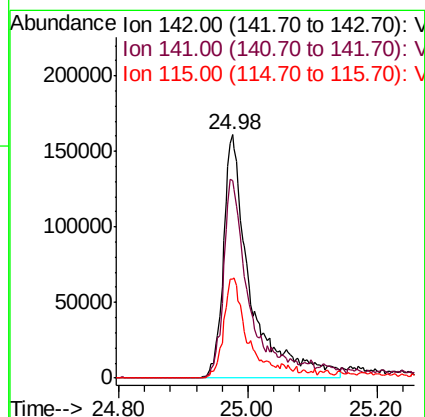
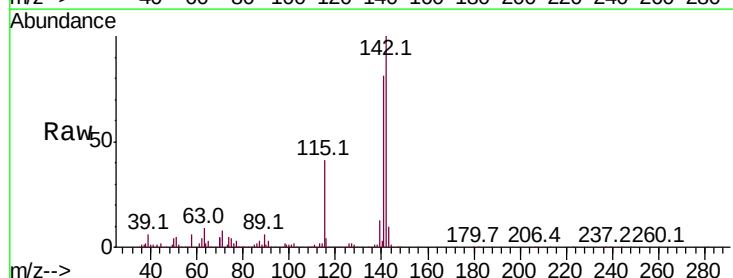
Manual Integrations
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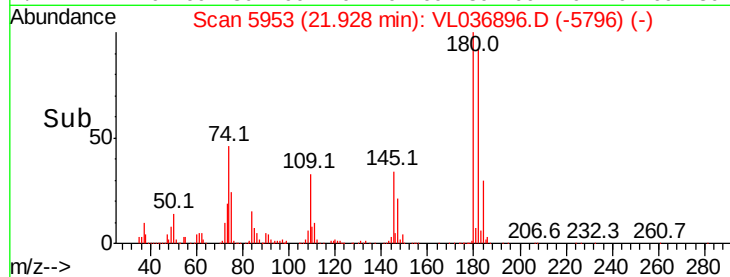
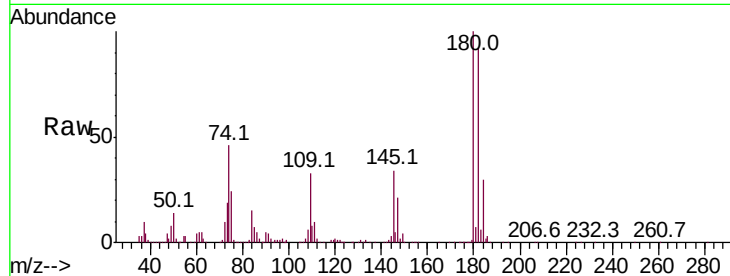
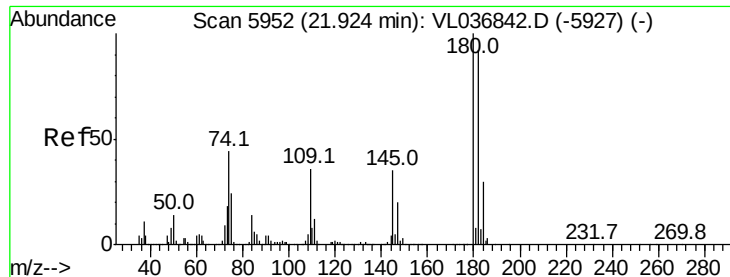
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021



#80
Naphthalene, 2-methyl-
Concen: 18.471 ppbv
RT: 24.98 min Scan# 6901
Delta R.T. -0.00 min
Lab File: VL036896.D
Acq: 6 May 2021 9:32

Tgt Ion:142 Resp: 468176
Ion Ratio Lower Upper
142 100
141 83.6 62.6 93.8
115 39.2 32.0 48.0





#81

1,2,4-Trichlorobenzene

Concen: 11.298 ppbv

RT: 21.93 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010

Acq: 6 May 2021 9:52

Tot Ion:1

Ion Rati

180 100

182 100.

184 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021

Supervised By :Mahesh Dadoda 05/10/2021

