

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036848.D
 Acq On : 27 Apr 2021 5:14
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021

Quant Time: Apr 27 07:55:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Apr 27 07:21:25 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1558583	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3998959	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3770817	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3143230	10.51	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	2950158	11.641	ppbv	98
3) Chlorodifluoromethane	2.99	51	3820287	13.134	ppbv	99
4) Chloromethane	3.14	50	1322539	13.024	ppbv	95
5) Vinyl Chloride	3.25	62	1292110	12.405	ppbv	96
6) Bromomethane	3.47	94	749233	13.143	ppbv	96
7) Chloroethane	3.56	64	437935	12.278	ppbv	93
8) Dichlorotetrafluoroethane	3.18	85	2978498	12.443	ppbv	100
9) Propene	3.01	41	1275257	13.840	ppbv	99
10) Heptane	8.12	43	3249423	13.839	ppbv	98
11) Trichlorofluoromethane	3.95	101	2999182	11.851	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	2075405	12.781	ppbv	99
13) Ethanol	3.61	45	115789	10.857	ppbv	95
14) Bromoethene	3.74	108	888928	13.241	ppbv	97
15) Acetone	3.85	43	1778699	11.834	ppbv	98
16) 1,3-Butadiene	3.32	39	1344648	12.871	ppbv	100
17) tert-Butyl alcohol	4.29	59	1358370	10.323	ppbv	97
18) 1,1-Dichloroethene	4.28	96	886204	12.375	ppbv	94
19) Isopropyl Alcohol	3.97	45	815302	9.951	ppbv #	96
20) Methylene Chloride	4.34	84	774309	11.083	ppbv	95
21) Allyl Chloride	4.41	41	1578430	13.286	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	919159	13.630	ppbv	99
23) Vinyl Acetate	5.07	43	2874676	11.359	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1990953	11.045	ppbv	100
25) Ethyl Acetate	5.67	43	4847229	13.345	ppbv	99
26) Hexane	5.68	57	2225228	13.313	ppbv	98
27) Carbon Disulfide	4.55	76	2362089	14.402	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	2022565	10.703	ppbv	99
29) Chloroform	5.75	83	3584819	13.269	ppbv	97
30) Cyclohexane	7.12	84	1967749	14.444	ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	2301886	14.287	ppbv	94
32) 1,1,1-Trichloroethane	6.51	97	3638625	13.379	ppbv	99
34) 2-Butanone	5.24	43	2495834	13.037	ppbv	99
35) Carbon Tetrachloride	7.01	117	3876713	12.685	ppbv	96
36) Benzene	6.89	78	4829273	13.239	ppbv	97
37) 1,2-Dichloroethane	6.30	62	2785572	13.018	ppbv	100
38) Trichloroethene	7.83	130	1734380	12.126	ppbv	99
39) 1,2-Dichloropropane	7.61	63	1889616	12.825	ppbv	95
40) 1,4-Dioxane	7.83	88	384380	11.070	ppbv #	1
41) Tetrahydrofuran	6.04	42	1197511	13.678	ppbv	100
42) Bromodichloromethane	7.79	83	3930659	13.521	ppbv	97
43) Methyl Methacrylate	8.01	69	1767237	14.538	ppbv	98

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

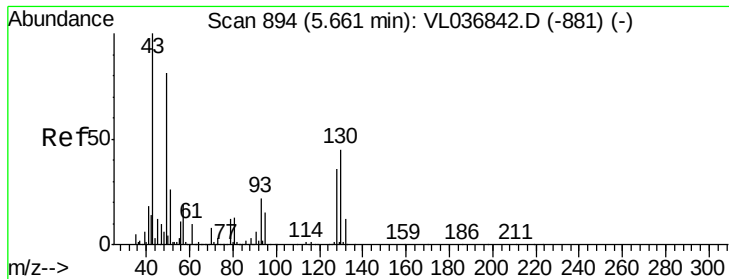
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021
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Quant Time: Apr 27 07:55:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	7794091	12.113	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	2145269	15.481	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	2598092	14.698	ppbv	100
47) 1,1,2-Trichloroethane	9.47	97	1977366	13.150	ppbv	99
48) Dibromochloromethane	10.30	129	3271967	14.353	ppbv	98
49) Bromoform	13.04	173	2679202	14.557	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	3779617	13.672	ppbv	99
51) 2-Hexanone	10.13	43	2090004	15.078	ppbv #	99
52) Tetrachloroethene	11.22	164	1638960	12.153	ppbv	96
53) Toluene	9.80	91	5404861	13.939	ppbv	99
54) 1,2-Dibromoethane	10.61	107	2848490	13.458	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	2163183	12.910	ppbv	88
57) Chlorobenzene	12.14	112	3972714	12.546	ppbv	99
58) Ethyl Benzene	12.71	91	7156414	13.296	ppbv	98
59) m/p-Xylene	13.00	91	11968865m	25.444	ppbv	
60) o-Xylene	13.69	91	5665213	12.450	ppbv	99
61) Styrene	13.53	104	3462611	15.264	ppbv	99
62) Isopropylbenzene	14.66	105	7687218	12.552	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	4150723	11.841	ppbv	100
64) n-propylbenzene	15.56	120	2102916	14.002	ppbv	91
65) tert-Butylbenzene	16.74	119	6787461	12.701	ppbv	100
66) Benzyl Chloride	16.99	91	875959	15.326	ppbv	98
67) sec-Butylbenzene	17.29	105	9431103	12.506	ppbv	99
69) p-Isopropyltoluene	17.65	119	7891868	13.370	ppbv	99
70) n-Butylbenzene	18.55	91	8162113	13.343	ppbv	98
71) 2-Chlorotoluene	15.45	91	6058123	13.183	ppbv	99
72) 4-Ethyltoluene	15.84	105	6743465	13.453	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	6212008	13.283	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	6295266	12.533	ppbv	97
75) 1,3-Dichlorobenzene	17.00	146	3786494	13.378	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	3713138	13.226	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	3647604	13.666	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2807208	11.745	ppbv	100
79) Naphthalene	22.19	128	4861993	16.845	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	532113	10.942	ppbv	100
81) 1,2,4-Trichlorobenzene	21.92	180	2688225	15.027	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

49 100

128 48.

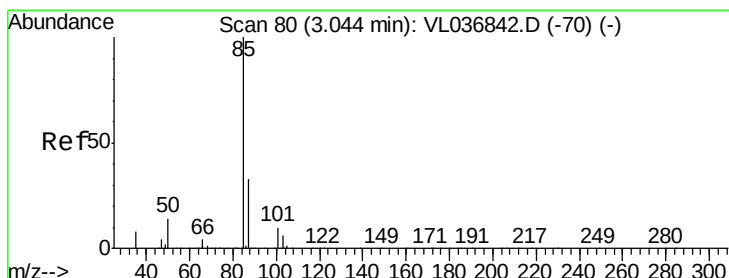
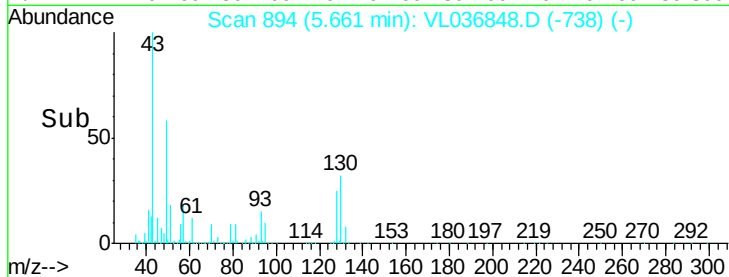
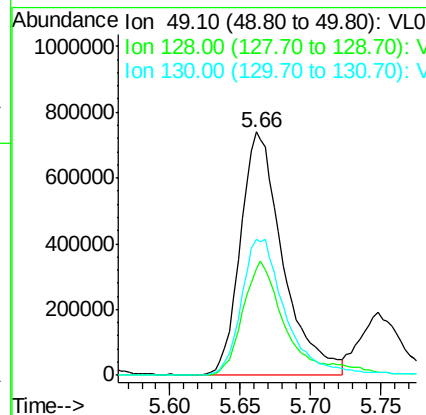
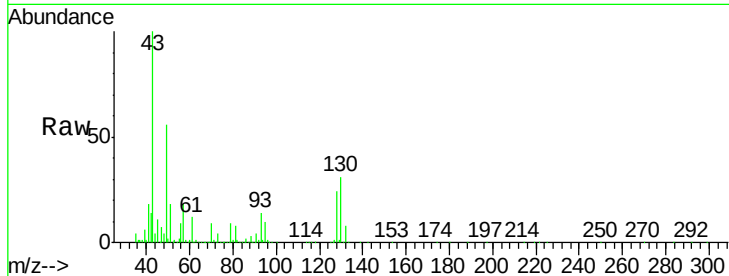
130 58.

Manual Integrations

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Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 11.641 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036848.D

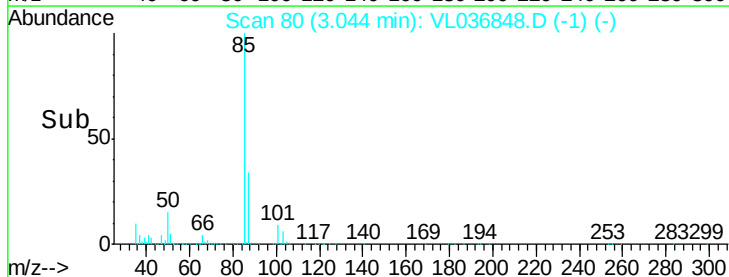
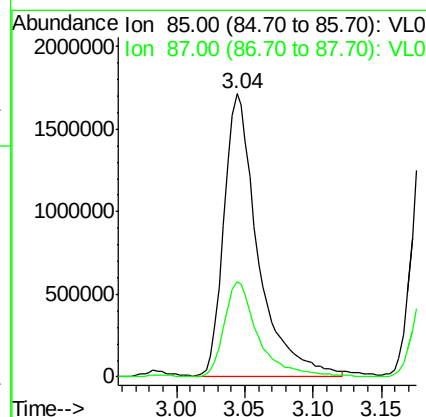
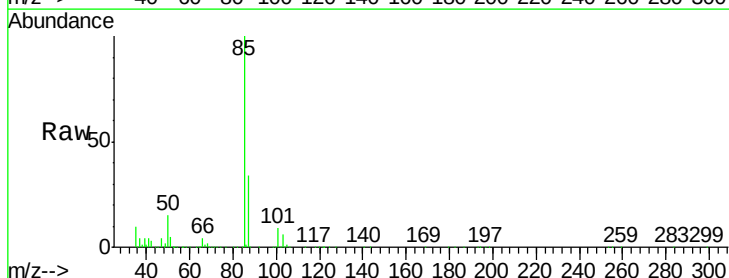
Acq: 27 Apr 2021 5:14

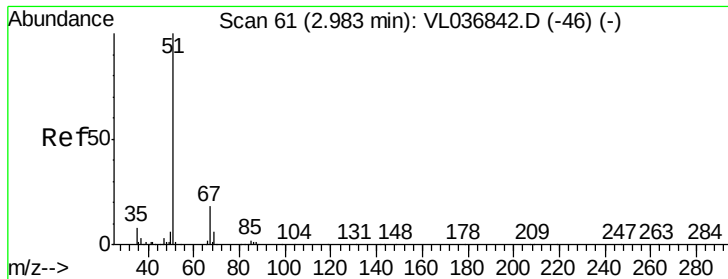
Tgt Ion: 85 Resp: 2950158

Ion Ratio Lower Upper

85 100

87 33.6 26.2 39.2





#3

Chlorodifluoromethane

Concen: 13.134 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14 VSTDIC015

Tot Ion:

Ion Ratio

51 100

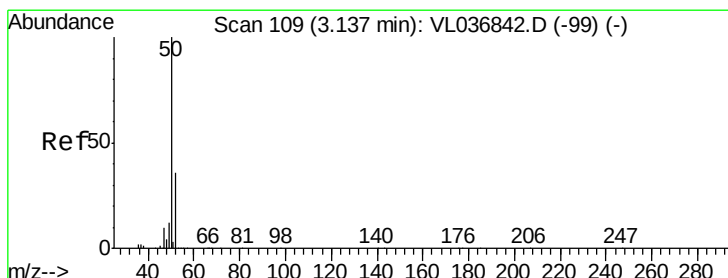
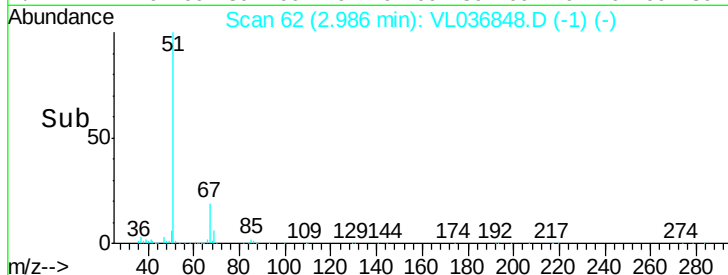
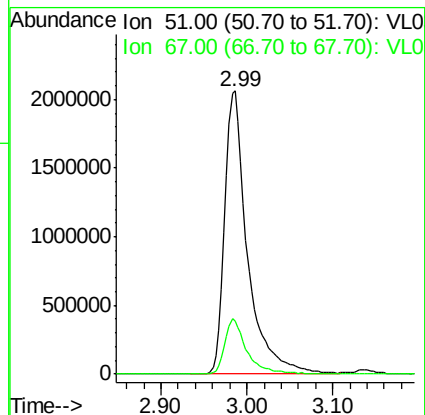
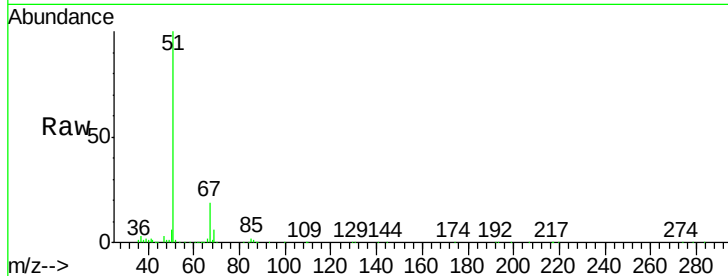
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#4

Chloromethane

Concen: 13.024 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036848.D

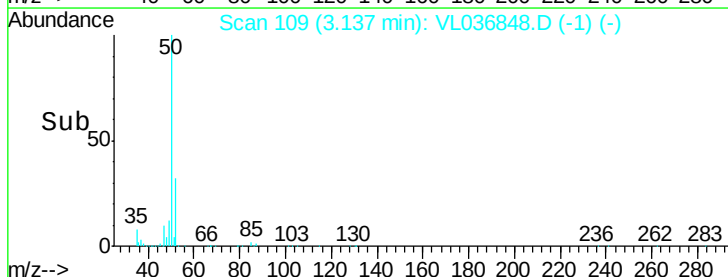
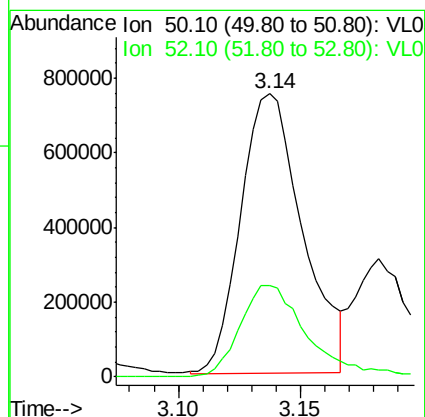
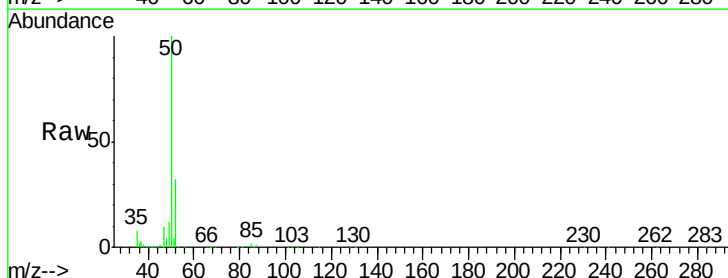
Acq: 27 Apr 2021 5:14

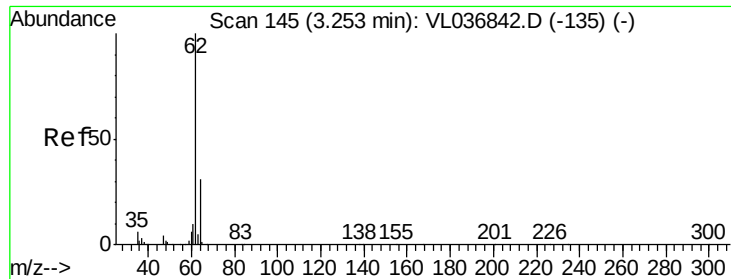
Tgt Ion: 50 Resp: 1322539

Ion Ratio Lower Upper

50 100

52 32.5 28.5 42.7





#5

Vinyl Chloride

Concen: 12.405 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14 VSTDIC015

Tot Ion:

Ion Ratio

62 100

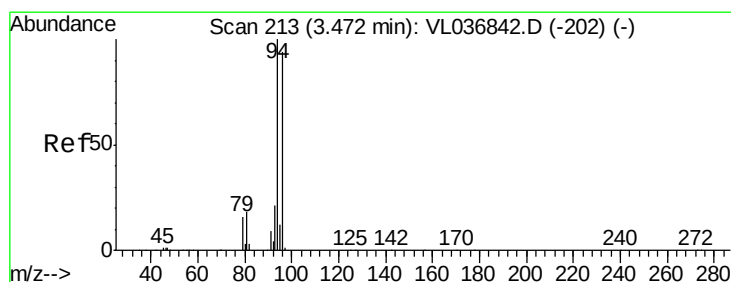
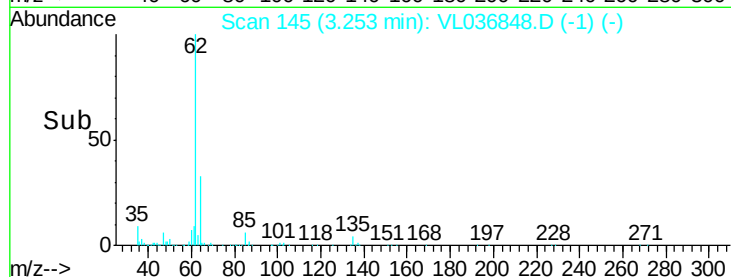
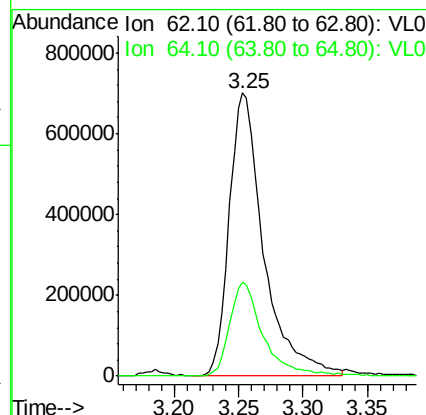
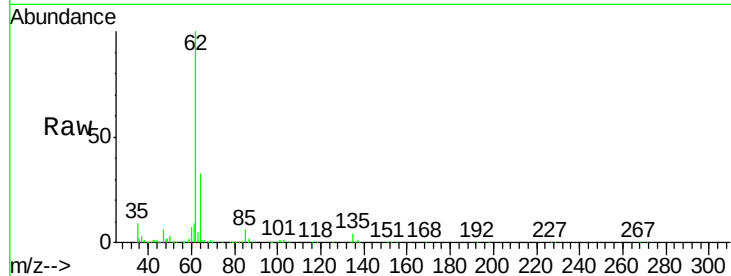
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 13.143 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036848.D

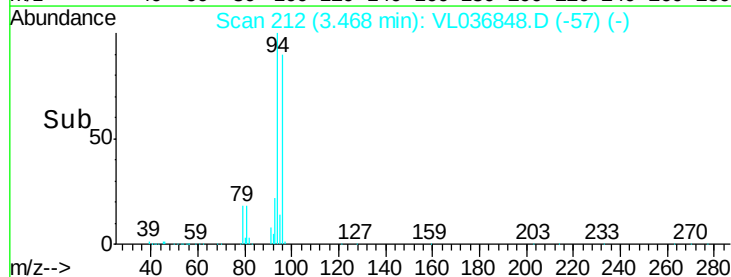
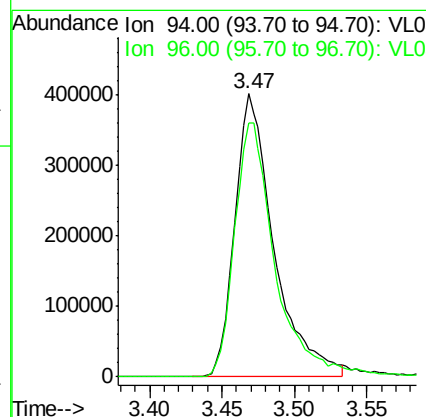
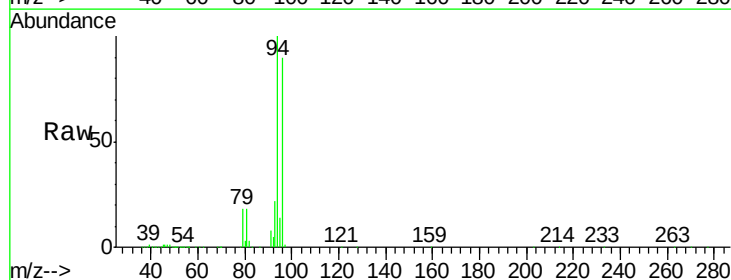
Acq: 27 Apr 2021 5:14

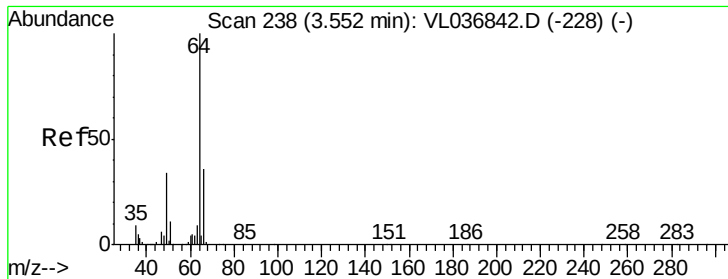
Tgt Ion: 94 Resp: 749233

Ion Ratio Lower Upper

94 100

96 89.9 75.4 113.0





#7

Chloroethane

Concen: 12.278 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14 VSTDIC015

Tot Ion:

Ion Ratio

64 100

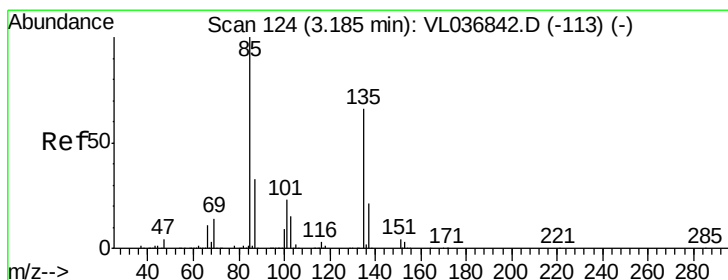
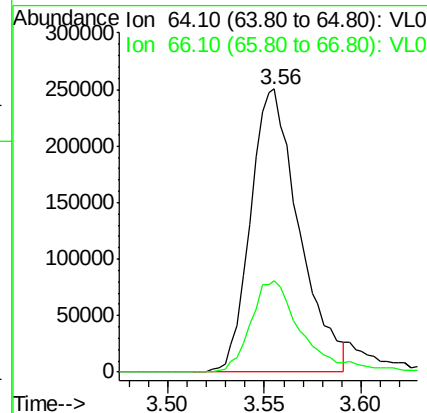
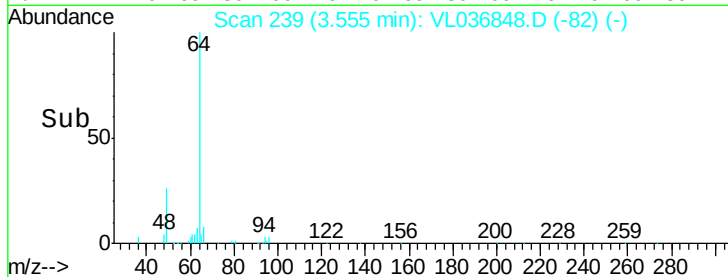
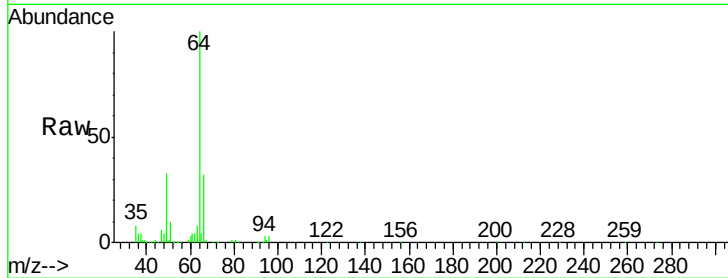
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 12.443 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036848.D

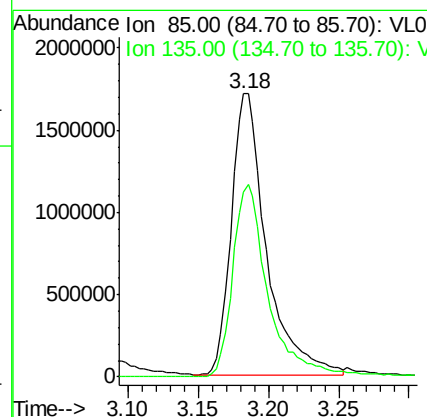
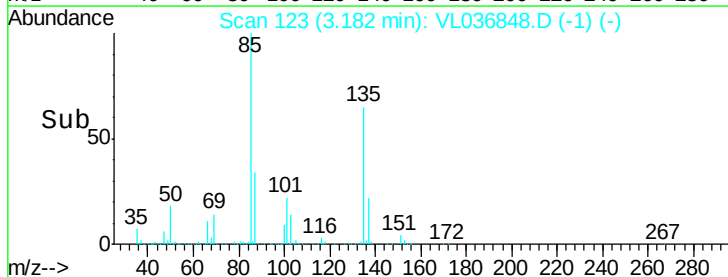
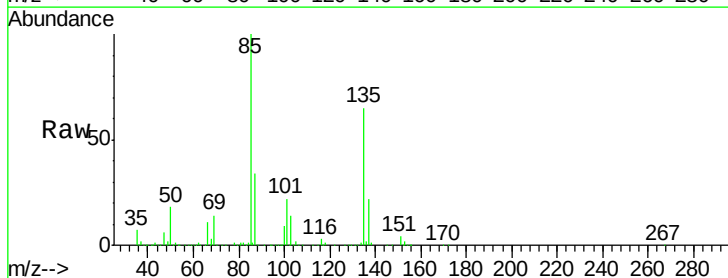
Acq: 27 Apr 2021 5:14

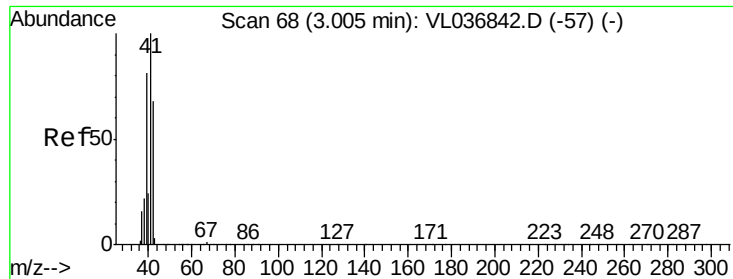
Tgt Ion: 85 Resp: 2978498

Ion Ratio Lower Upper

85 100

135 70.2 56.2 84.4



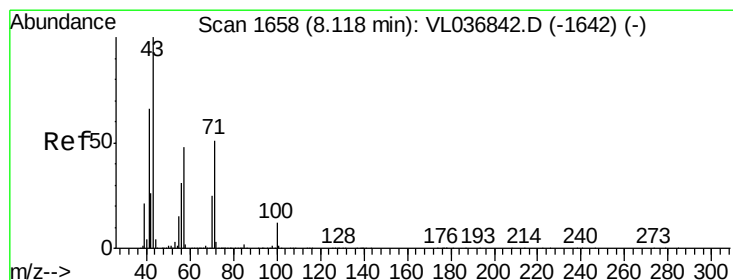
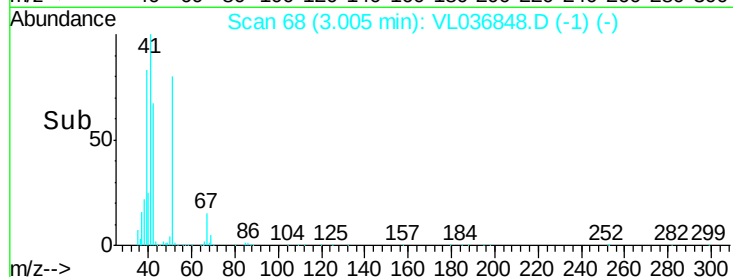
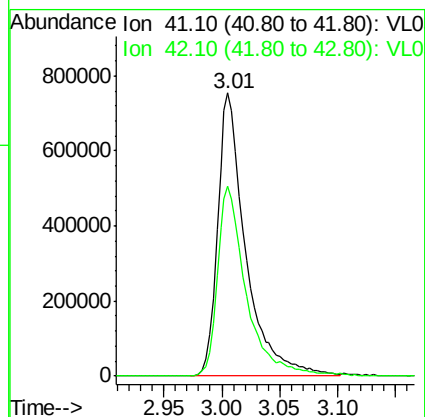
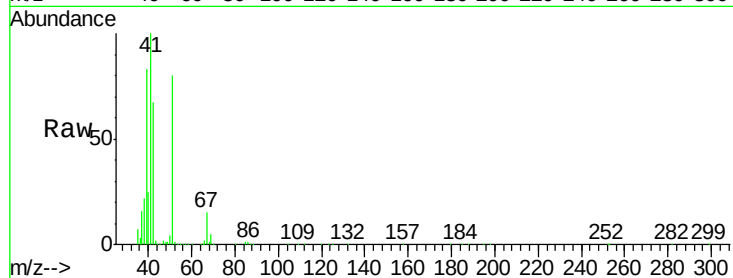


#9
 Propene
 Concen: 13.840 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:
 Ion Ratio
 41 100
 42 69.

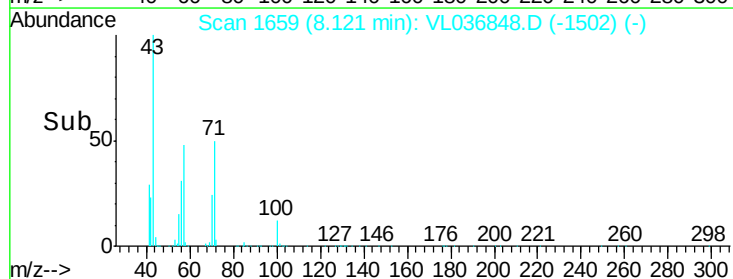
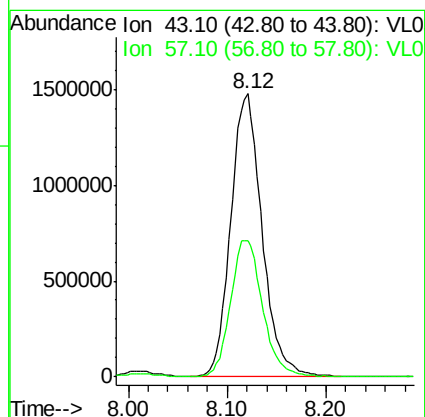
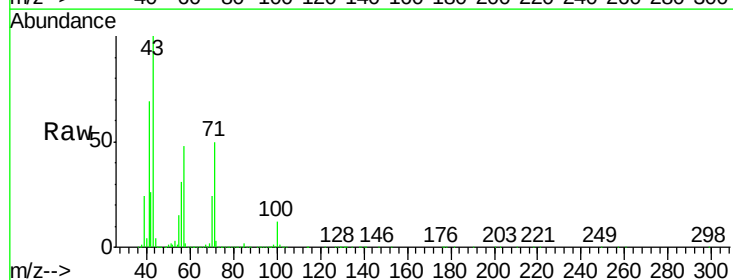
Manual Integrations
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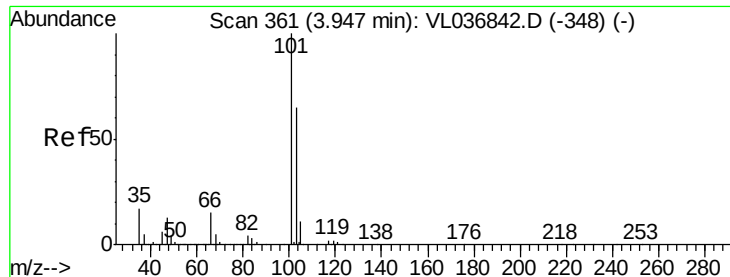
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 13.839 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 43 Resp: 3249423
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.0 58.6



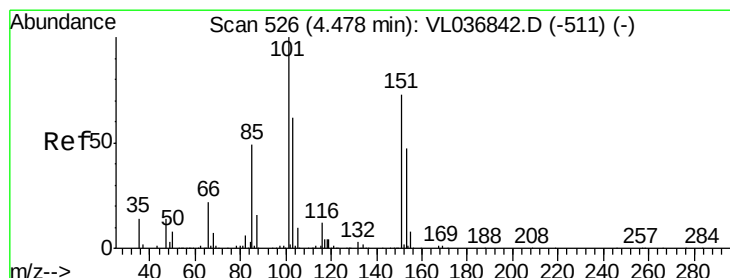
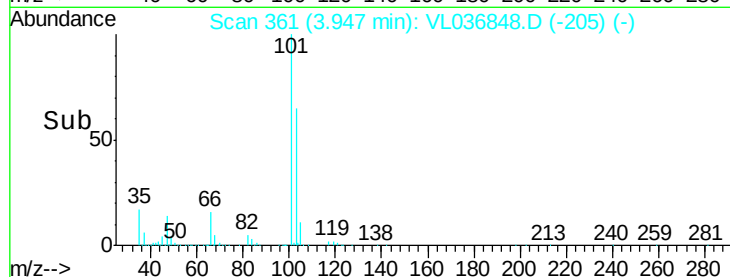
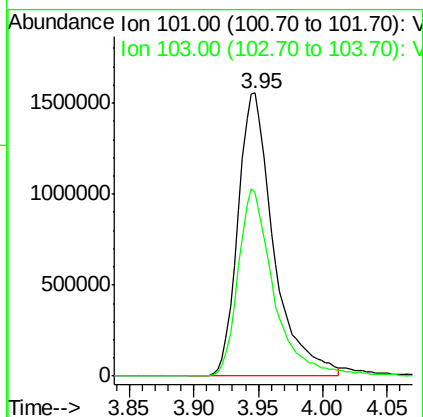
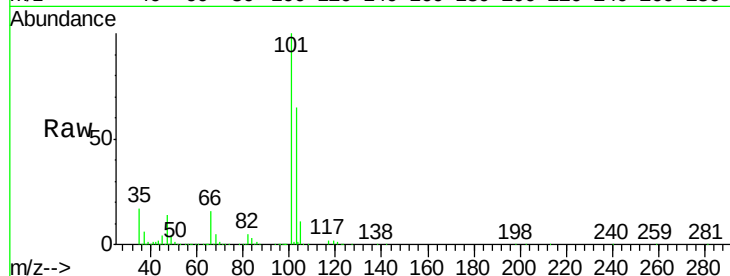


#11
 Trichlorofluoromethane
 Concen: 11.851 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

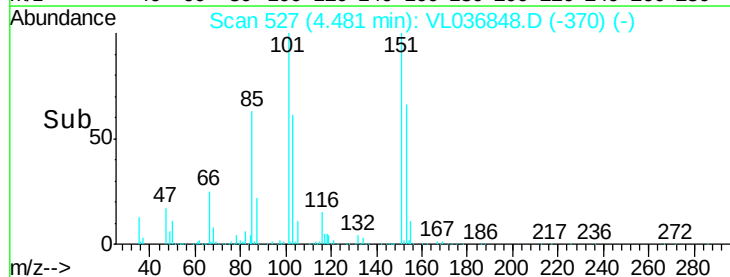
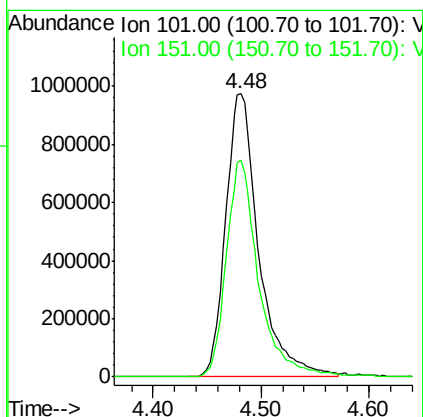
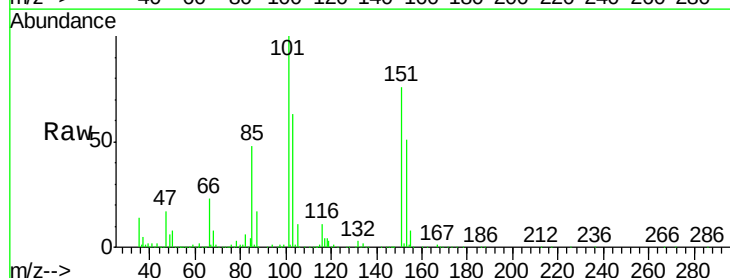
Manual Integrations
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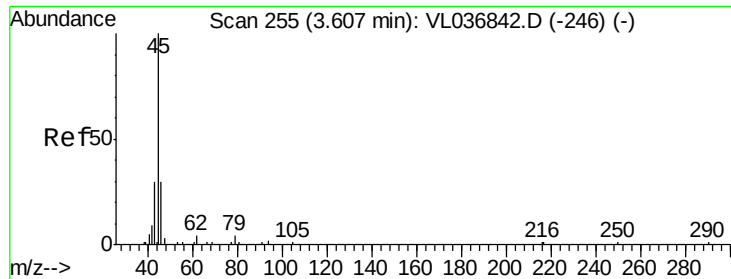
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.781 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:101 Resp: 2075405
 Ion Ratio Lower Upper
 101 100
 151 75.6 61.1 91.7



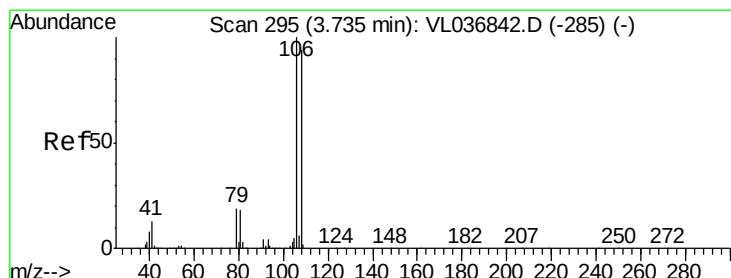
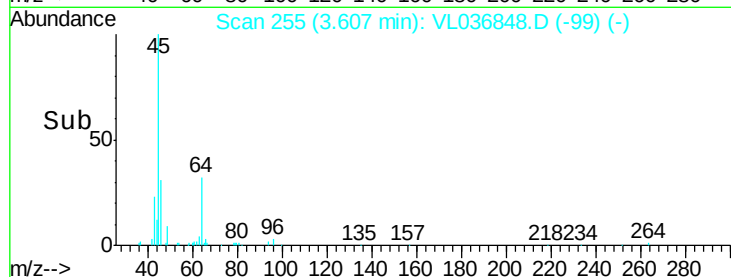
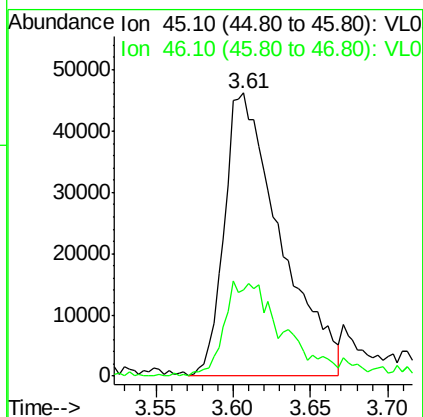
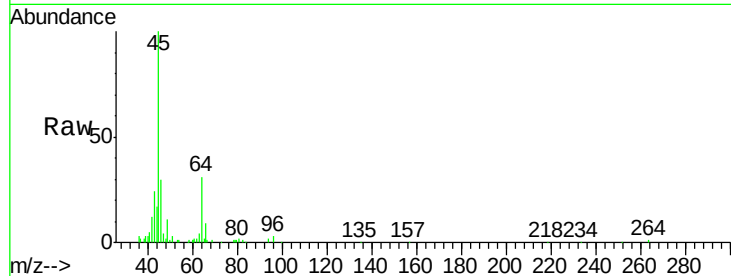


#13
Ethanol
Concen: 10.857 ppbv
RT: 3.61 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC015
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
45 100
46 38.

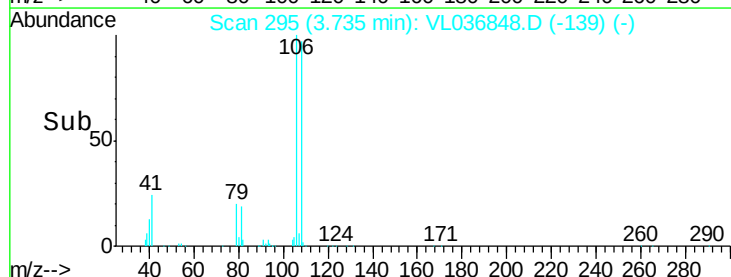
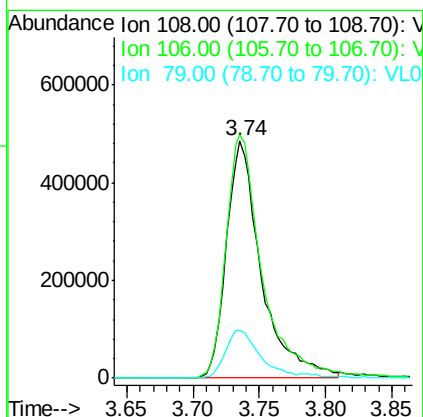
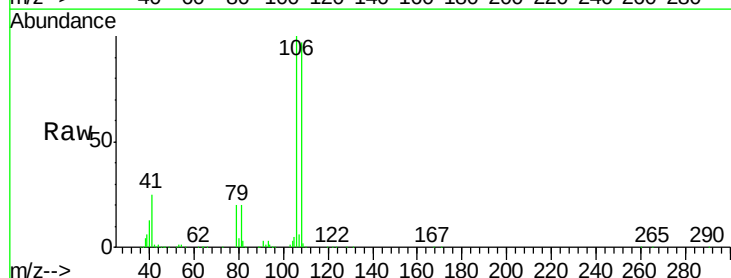
Manual Integrations
APPROVED

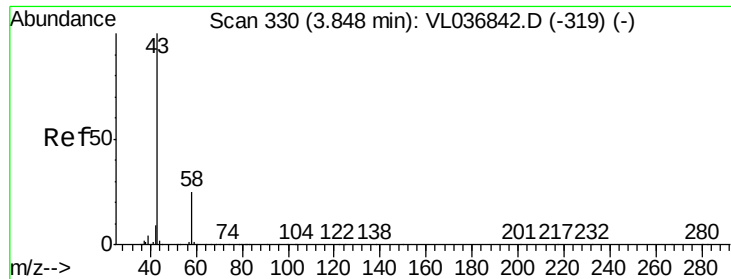
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#14
Bromoethene
Concen: 13.241 ppbv
RT: 3.74 min Scan# 295
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion:108 Resp: 888928
Ion Ratio Lower Upper
108 100
106 107.5 88.5 132.7
79 21.5 17.9 26.9



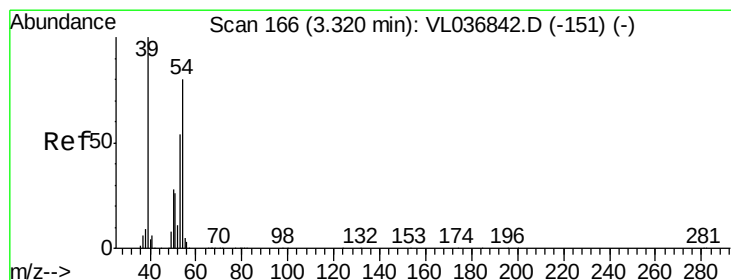
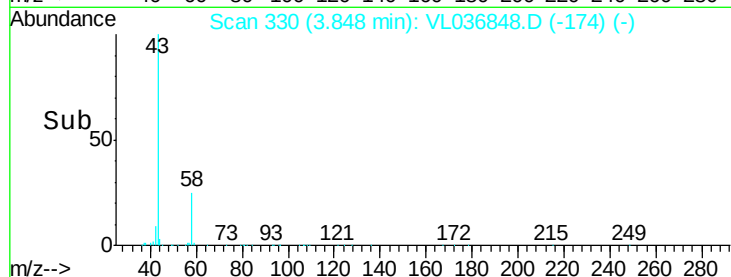
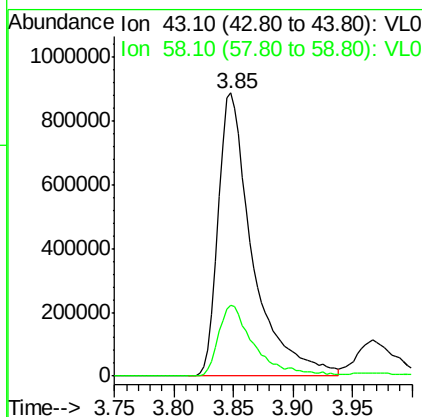
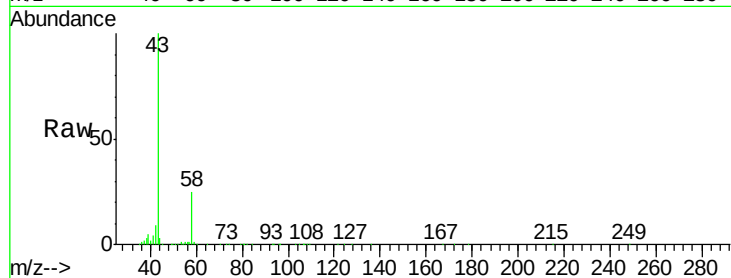


#15
Acetone
Concen: 11.834 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
43 100
58 26.

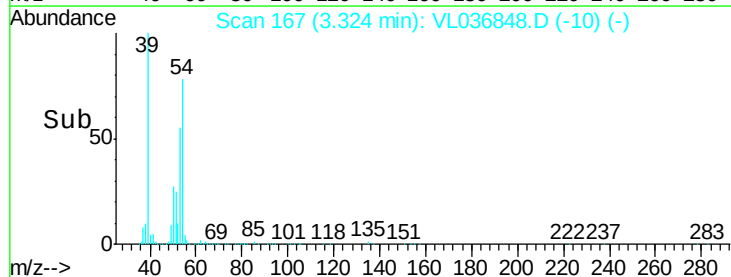
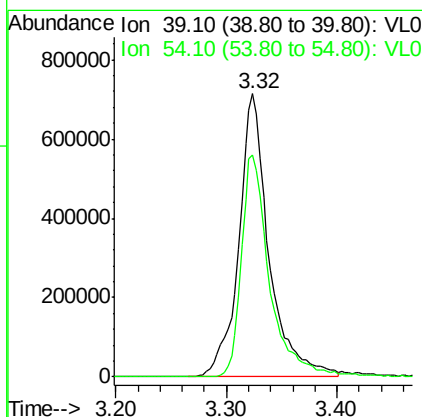
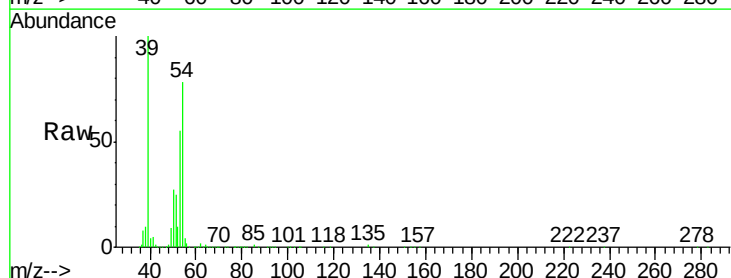
Manual Integrations
APPROVED

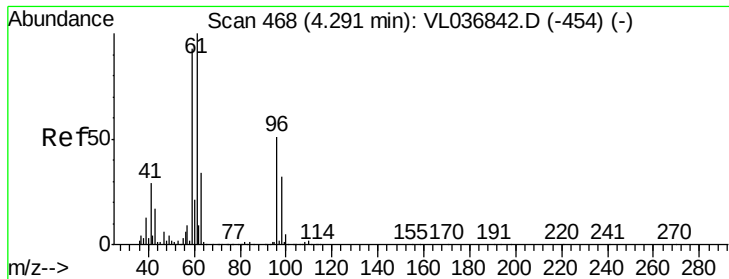
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 12.871 ppbv
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 39 Resp: 1344648
Ion Ratio Lower Upper
39 100
54 74.3 59.6 89.4





#17

tert-Butyl alcohol

Concen: 10.323 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

59 100

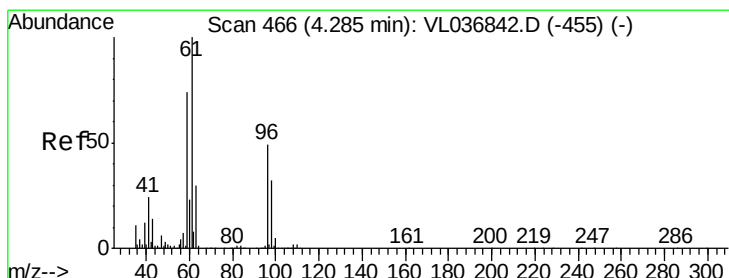
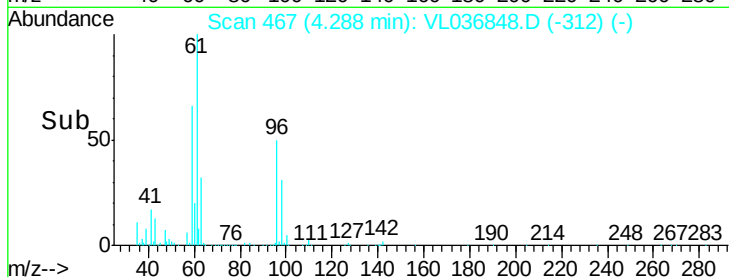
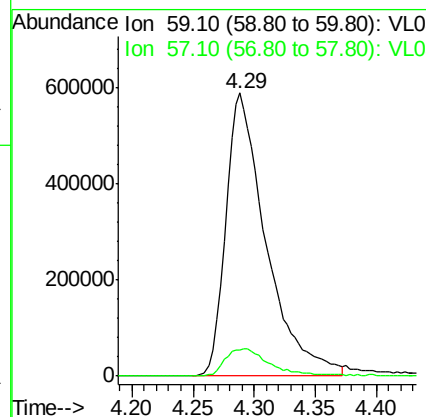
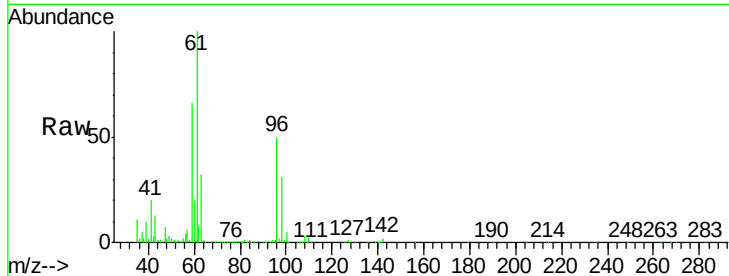
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#18

1,1-Dichloroethene

Concen: 12.375 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

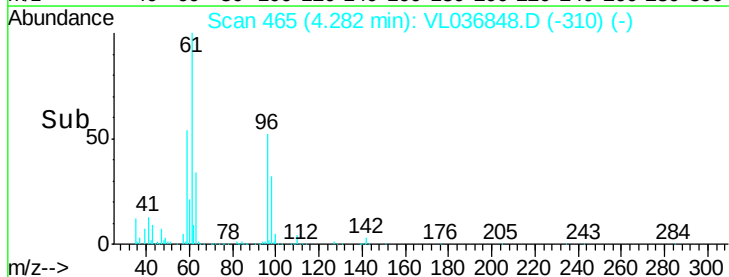
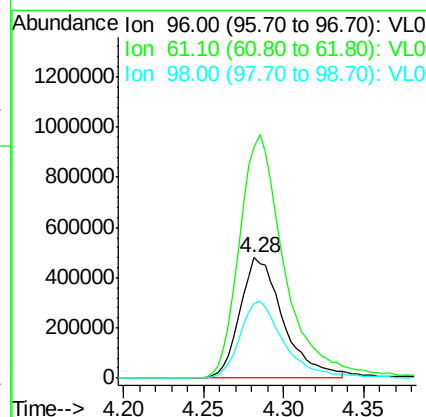
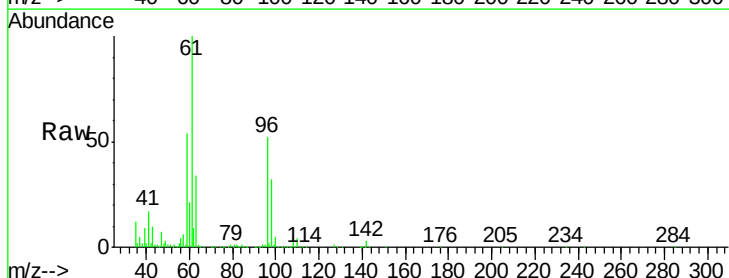
Tgt Ion: 96 Resp: 886204

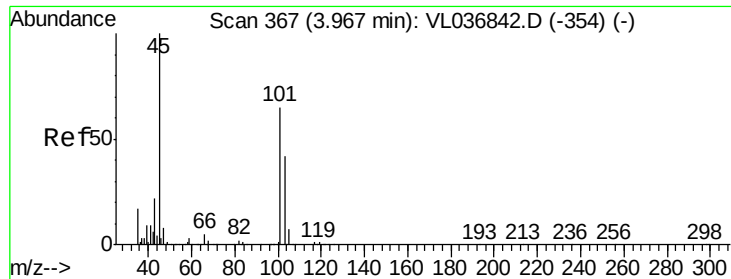
Ion Ratio Lower Upper

96 100

61 192.0 162.2 243.2

98 62.3 51.8 77.6



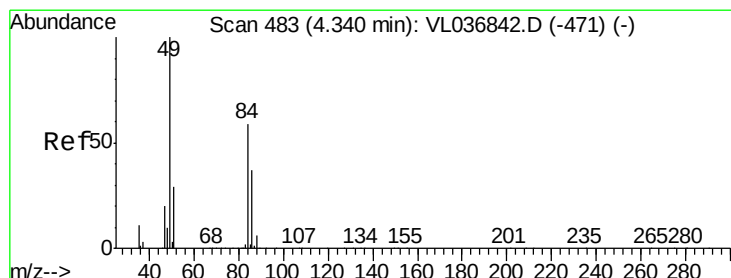
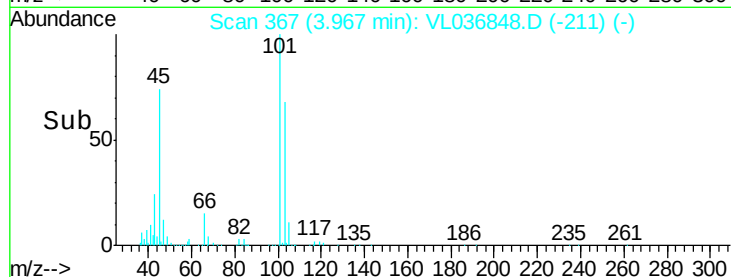
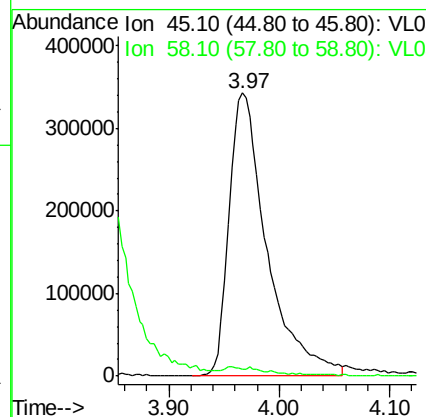
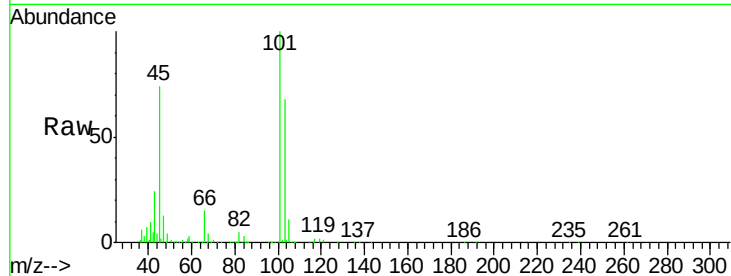


#19
Isopropyl Alcohol
Concen: 9.951 ppbv
RT: 3.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
45 100
58 4.

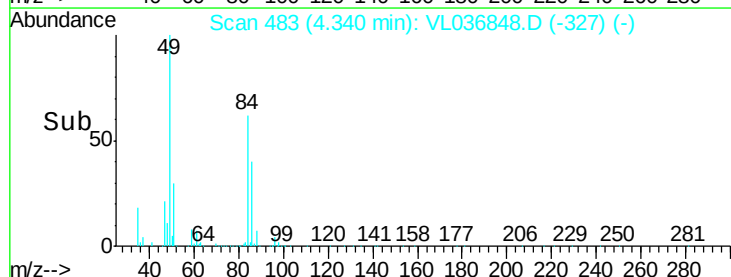
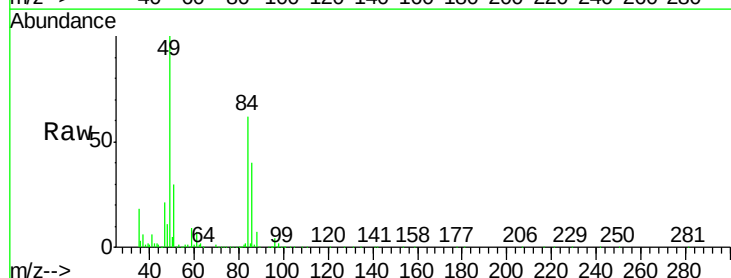
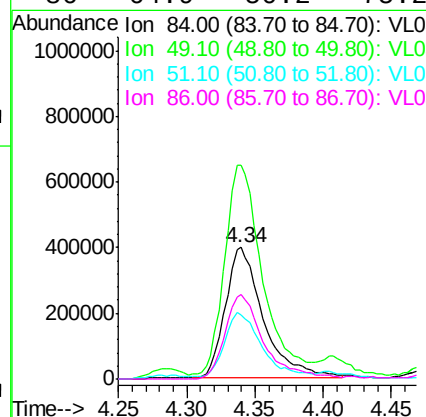
Manual Integrations
APPROVED

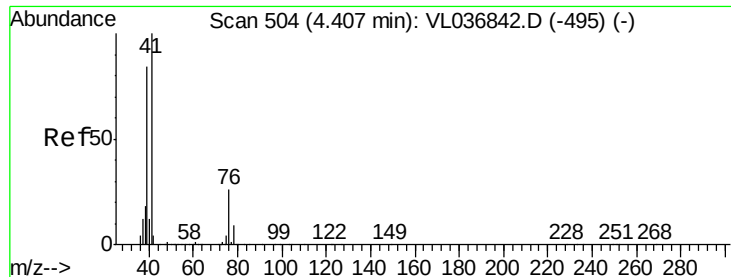
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#20
Methylene Chloride
Concen: 11.083 ppbv
RT: 4.34 min Scan# 483
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 84 Resp: 774309
Ion Ratio Lower Upper
84 100
49 159.6 135.4 203.0
51 46.9 39.3 58.9
86 64.9 50.2 75.2



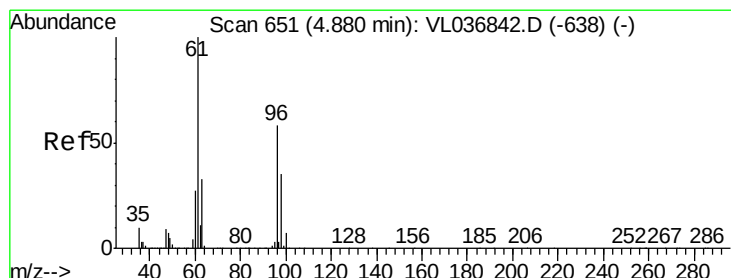
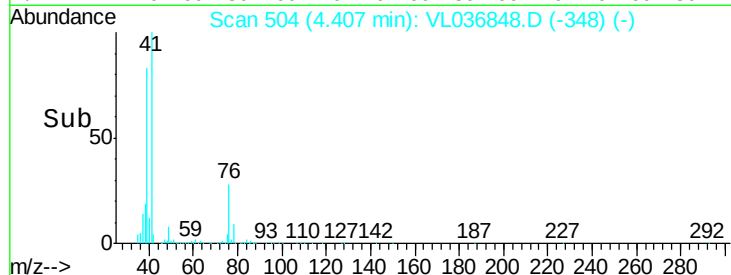
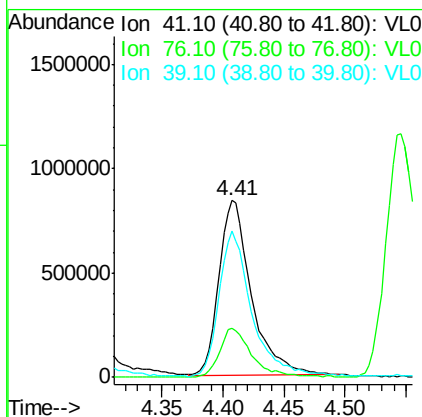
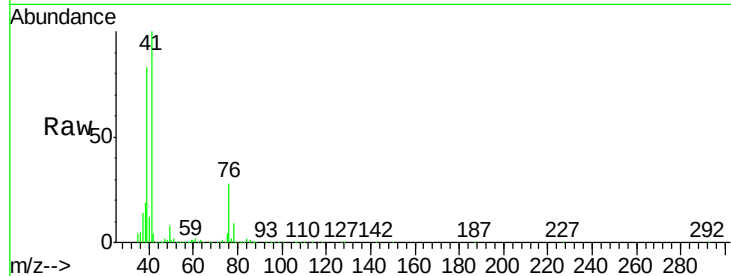


#21
 Allvl Chloride
 Concen: 13.286 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:
 Ion Ratio
 41 100
 76 28.
 39 83.

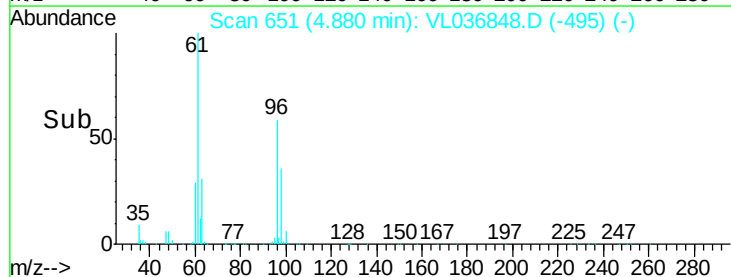
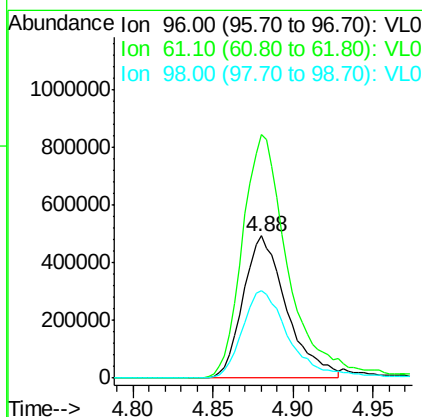
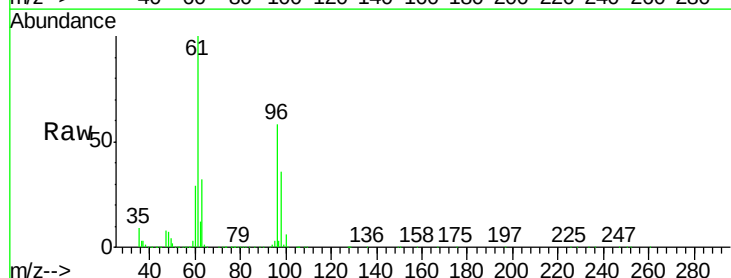
Manual Integrations
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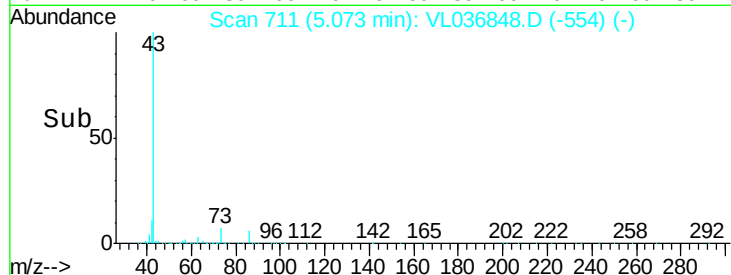
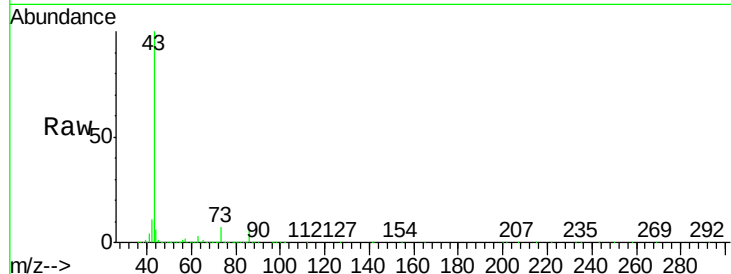
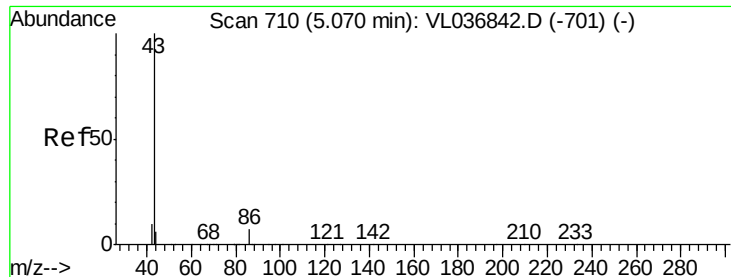
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 13.630 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 96 Resp: 919159
 Ion Ratio Lower Upper
 96 100
 61 171.3 138.6 207.8
 98 61.4 48.1 72.1



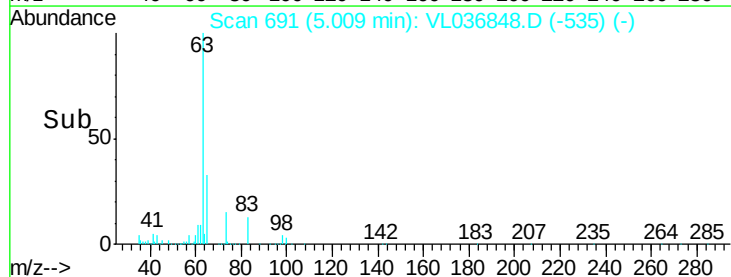
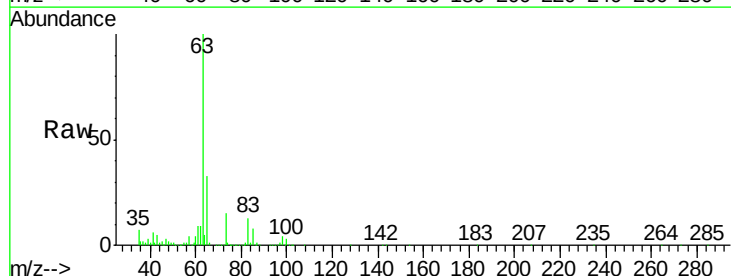
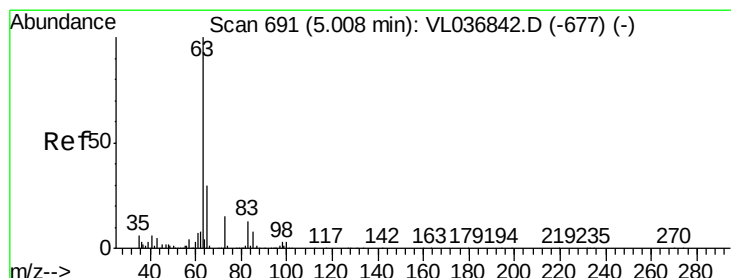
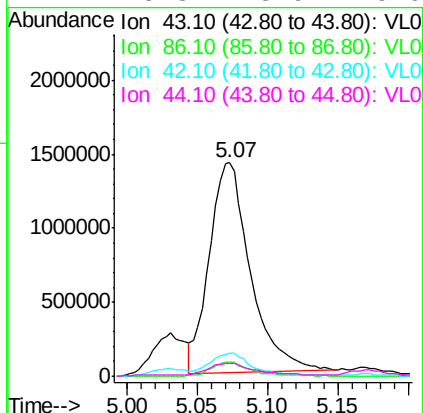


#23
 Vinyl Acetate
 Concen: 11.359 ppbv
 RT: 5.07
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 5.3 3.9 5.9

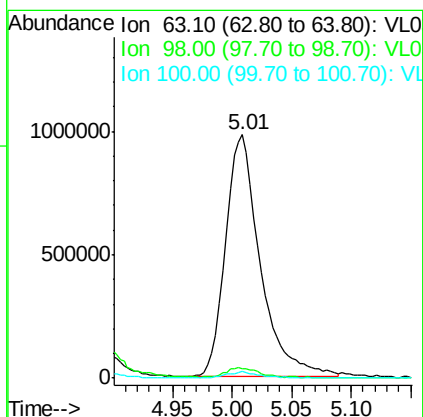
Manual Integrations
 APPROVED

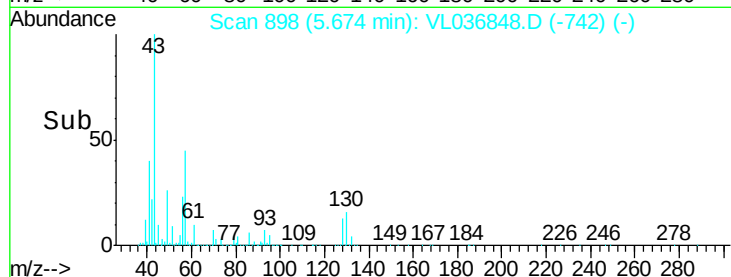
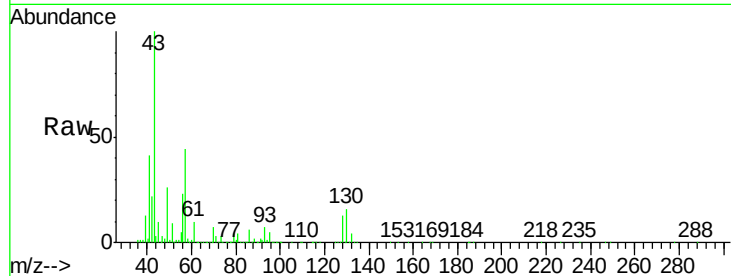
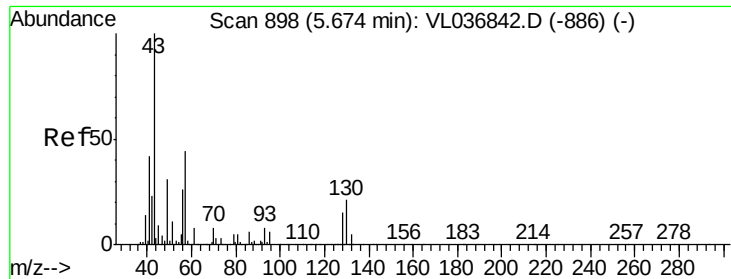
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#24
 1,1-Dichloroethane
 Concen: 11.045 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 63 Resp: 1990953
 Ion Ratio Lower Upper
 63 100
 98 3.5 1.7 5.1
 100 2.6 1.3 3.8



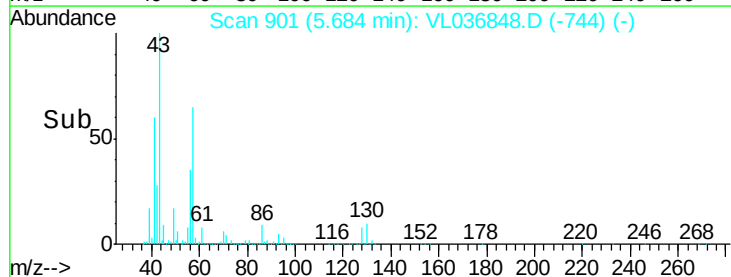
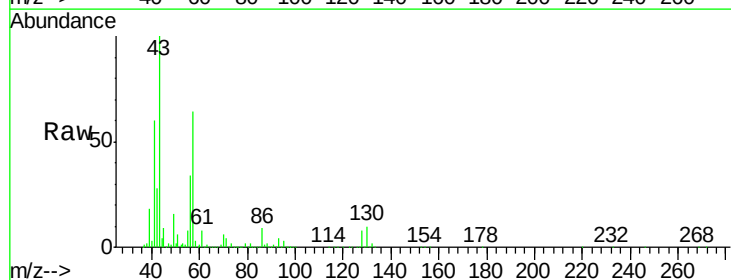
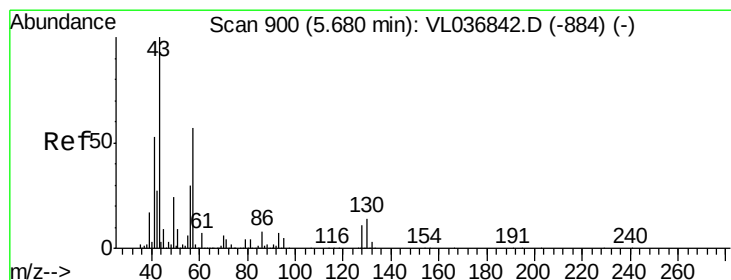
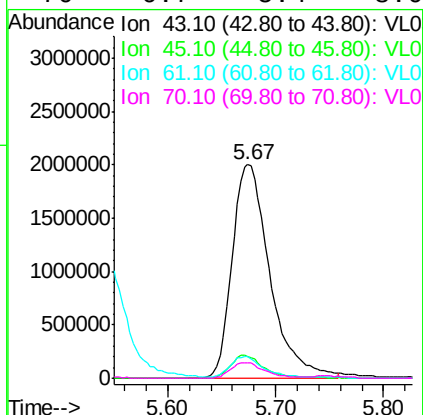


#25
Ethyl Acetate
Concen: 13.345 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 27 Apr 2021 5:14

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

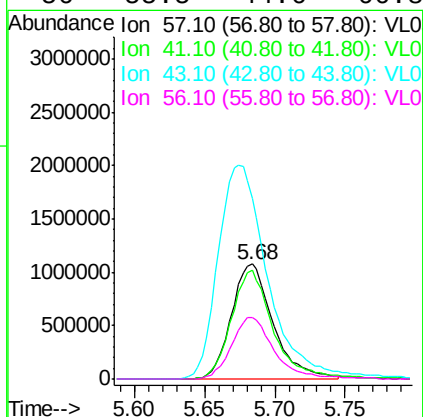
Manual Integrations
APPROVED

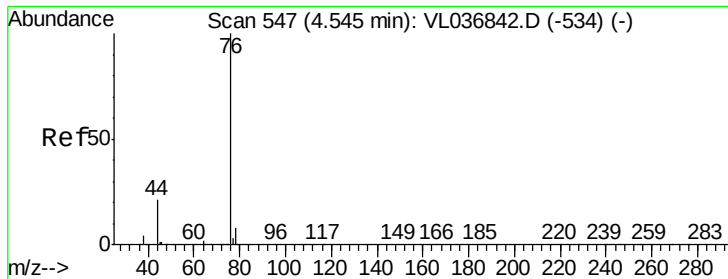
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 13.313 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 57 Resp: 2225228
Ion Ratio Lower Upper
57 100
41 96.3 77.7 116.5
43 220.6 180.5 270.7
56 55.5 44.6 66.8





#27

Carbon Disulfide

Concen: 14.402 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

76 100

44 21.

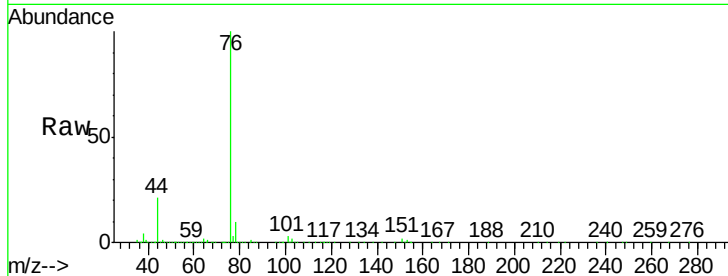
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

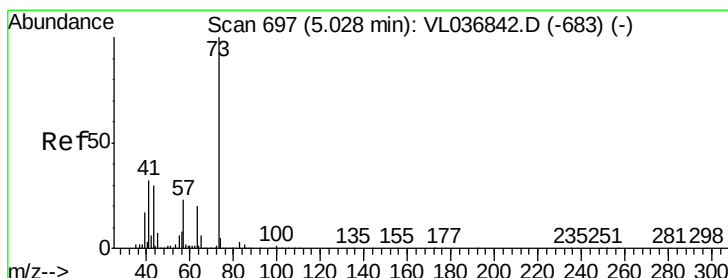
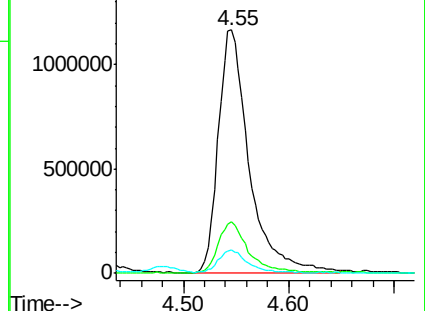
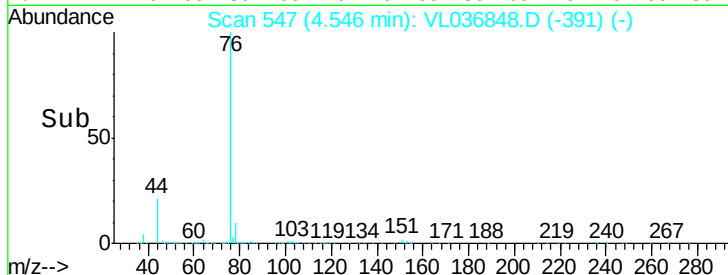
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.703 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.00 min

Lab File: VL036848.D

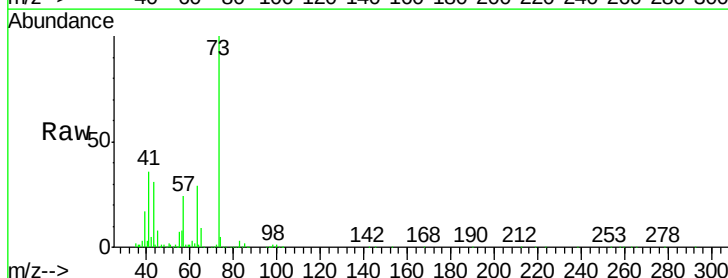
Acq: 27 Apr 2021 5:14

Tgt Ion: 73 Resp: 2022565

Ion Ratio Lower Upper

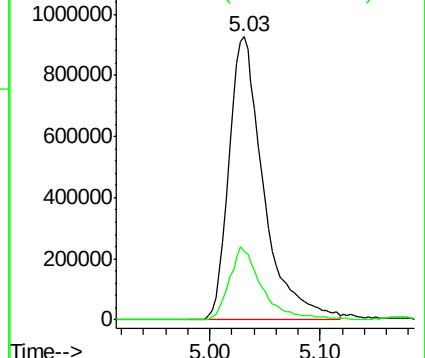
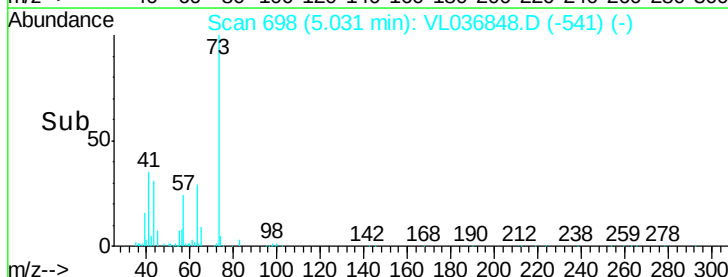
73 100

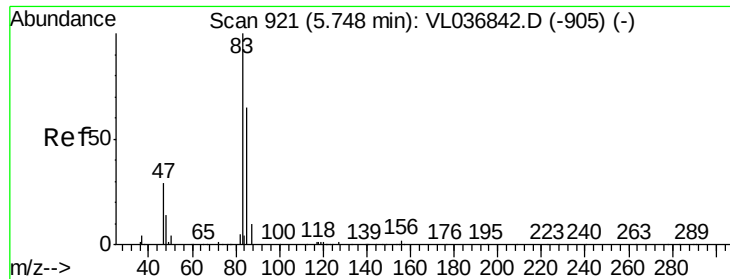
57 24.5 19.0 28.6



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



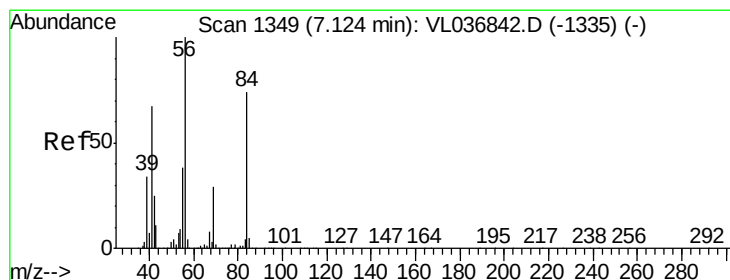
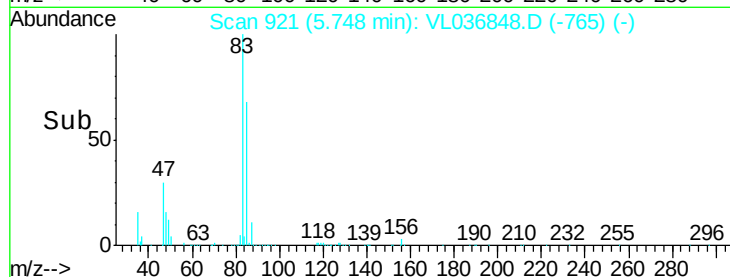
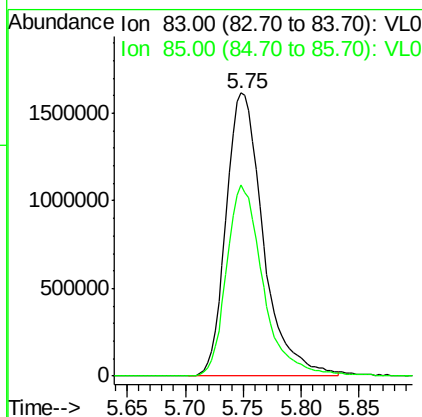
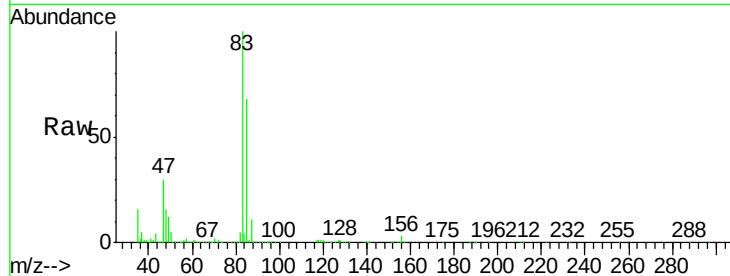


#29
Chloroform
Concen: 13.269 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
83 100
85 67.

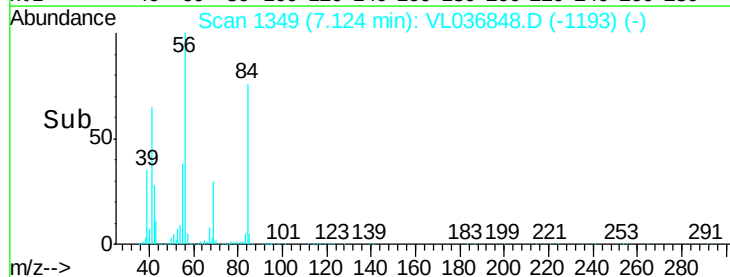
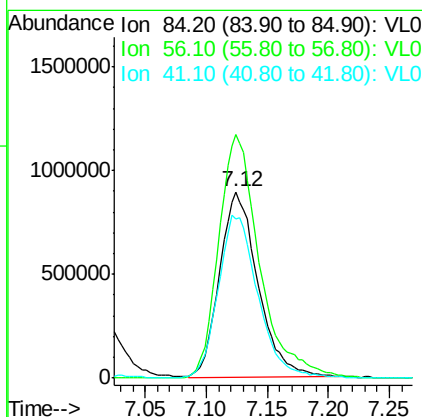
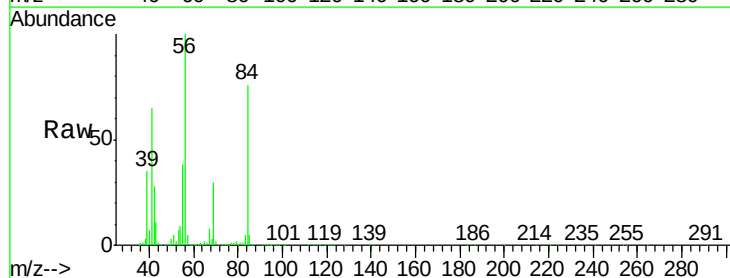
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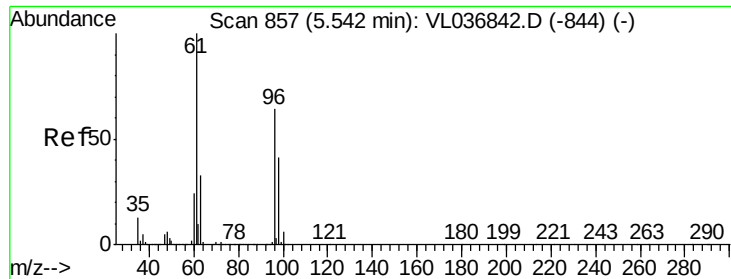
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 14.444 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 84 Resp: 1967749
Ion Ratio Lower Upper
84 100
56 140.7 115.8 173.6
41 91.5 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 14.287 ppbv

RT: 5.55 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

61 100

96 69.

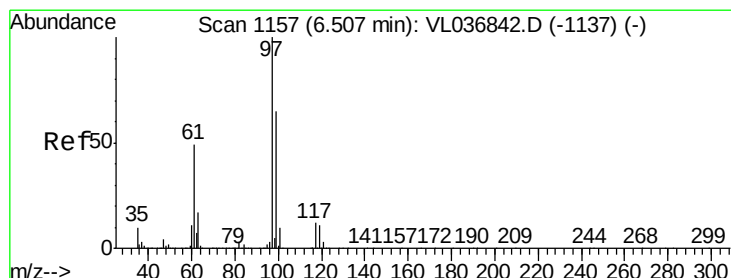
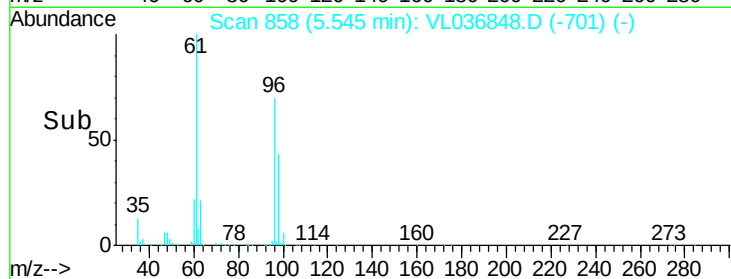
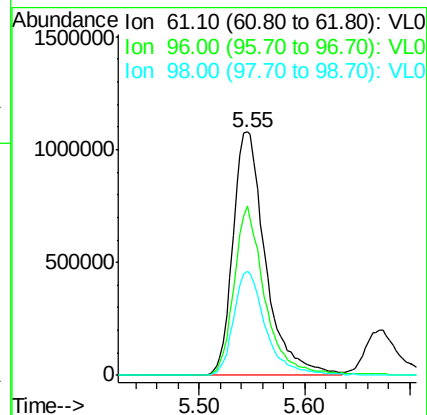
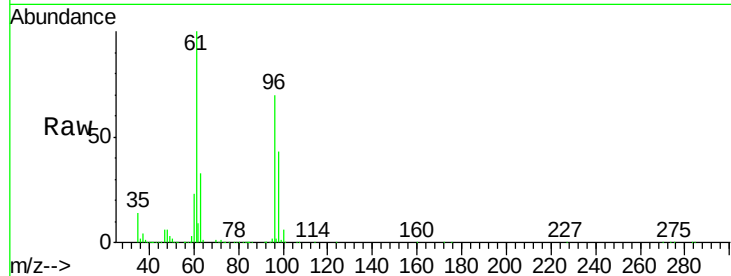
98 42.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#32

1,1,1-Trichloroethane

Concen: 13.379 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

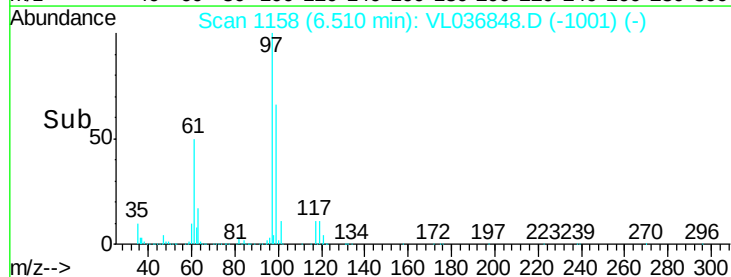
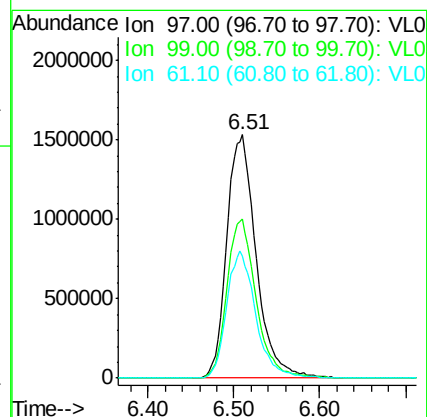
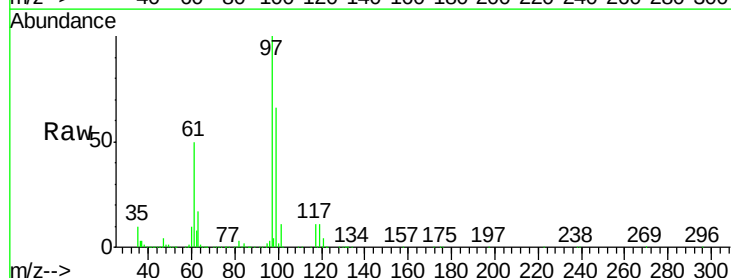
Tgt Ion: 97 Resp: 3638625

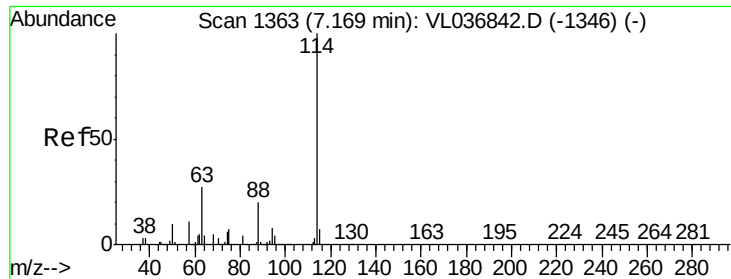
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 51.8 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Instrument: MSVOA_1

Delta R.T.:

Client SampleId:

Lab File: VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion: 1

Ion Ratio

114 100

63 27.

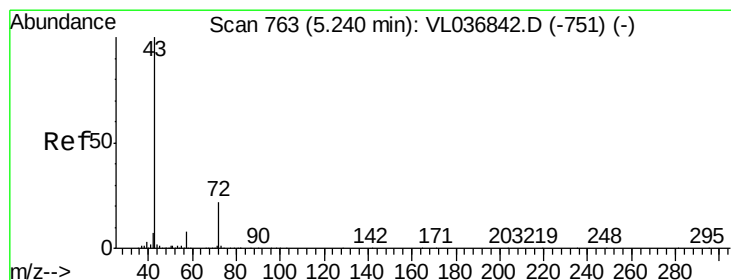
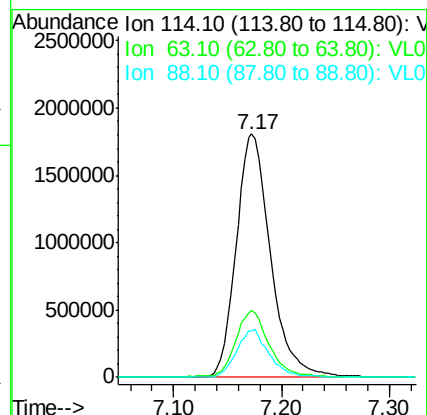
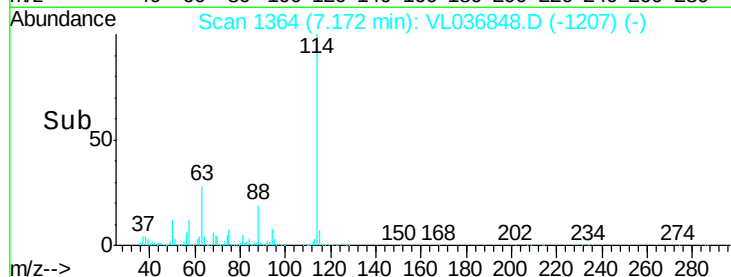
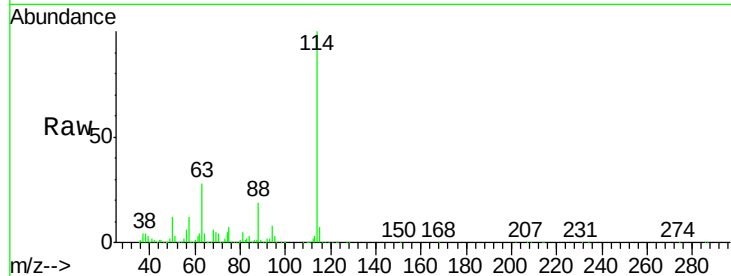
88 18.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 04/28/2021

Supervised By : Mahesh Dadoda 04/29/2021



#34

2-Butanone

Concen: 13.037 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.00 min

Lab File: VL036848.D

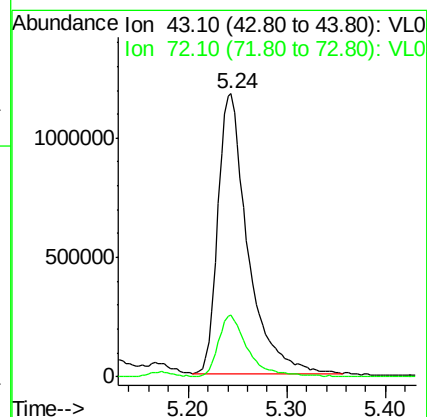
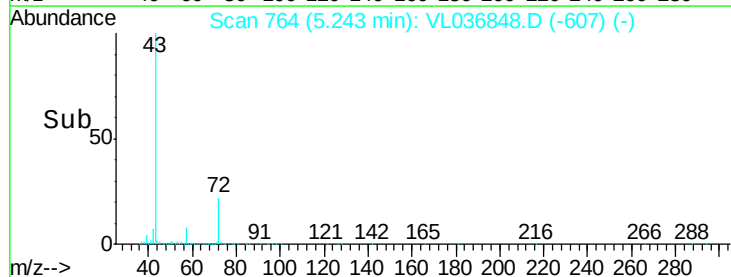
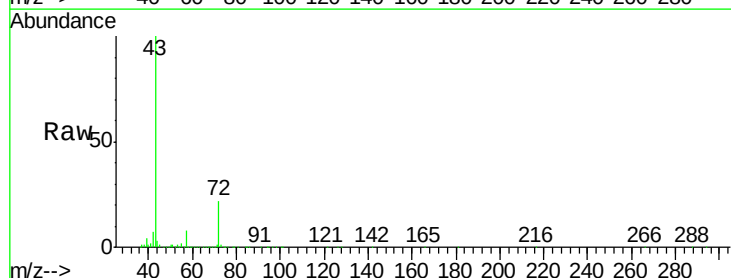
Acq: 27 Apr 2021 5:14

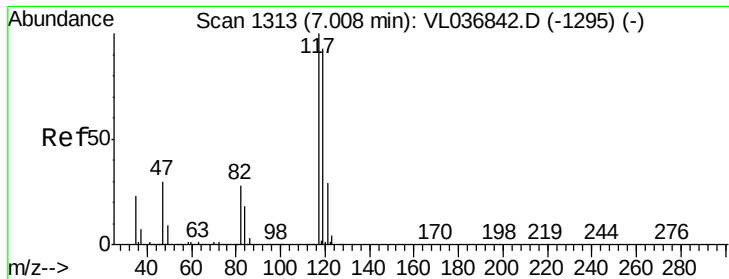
Tgt Ion: 43 Resp: 2495834

Ion Ratio Lower Upper

43 100

72 21.5 17.5 26.3



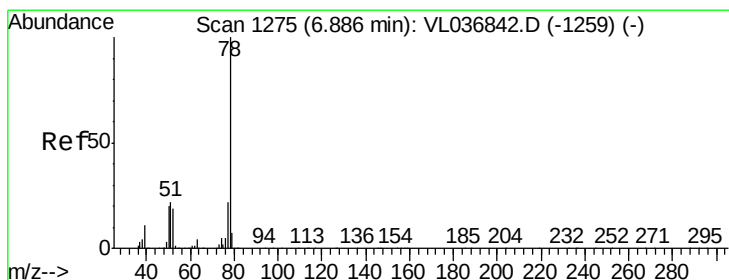
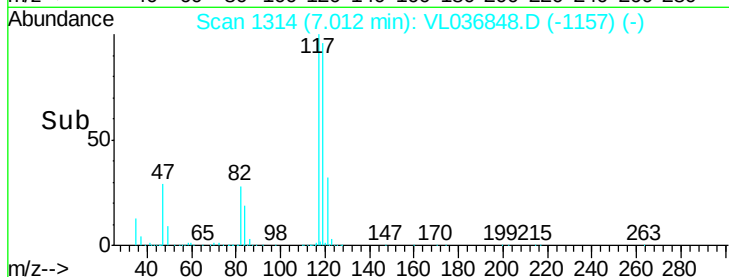
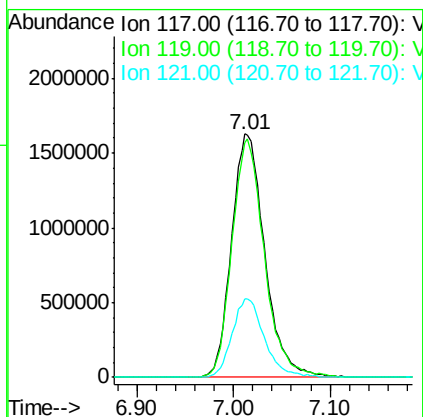
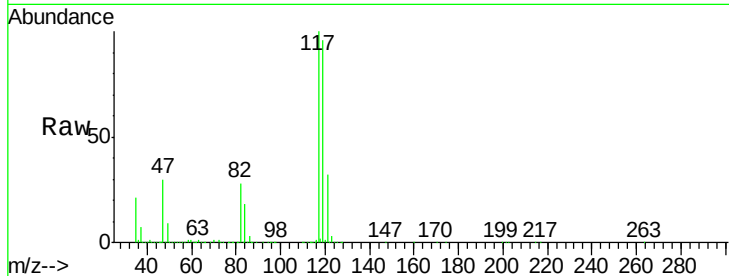


#35
Carbon Tetrachloride
Concen: 12.685 ppbv
RT: 7.01 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 27 Apr 2021 5:14

Tot Ion: 1
Ion Ratio
117 100
119 96.
121 32.

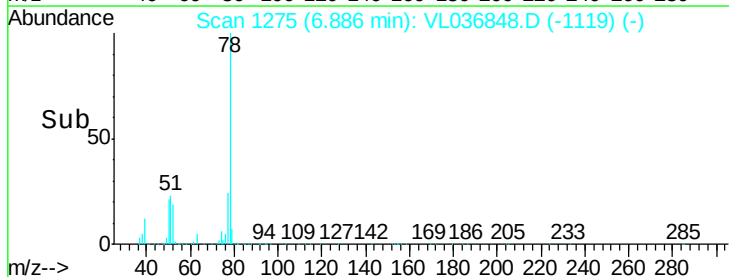
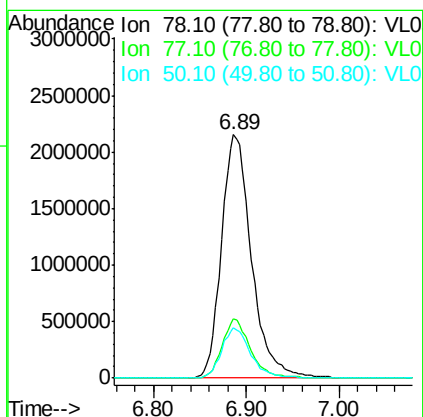
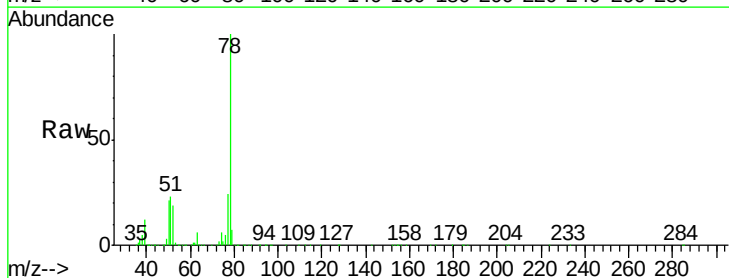
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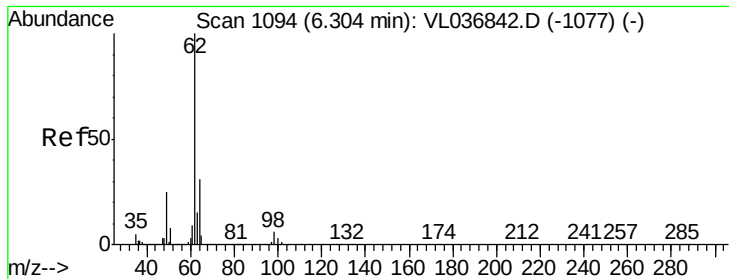
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 13.239 ppbv
RT: 6.89 min Scan# 1275
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 78 Resp: 4829273
Ion Ratio Lower Upper
78 100
77 24.1 17.6 26.4
50 20.6 16.3 24.5



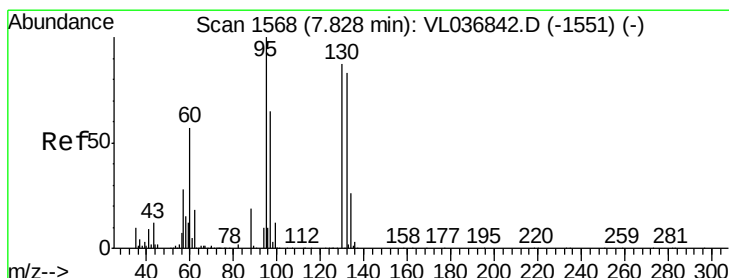
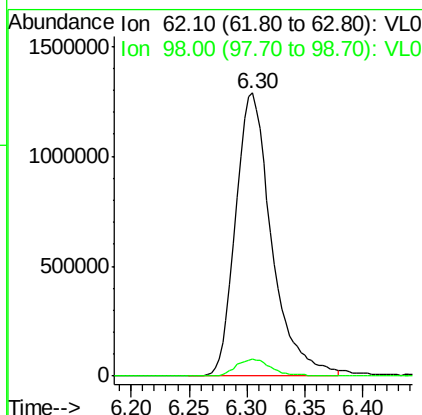
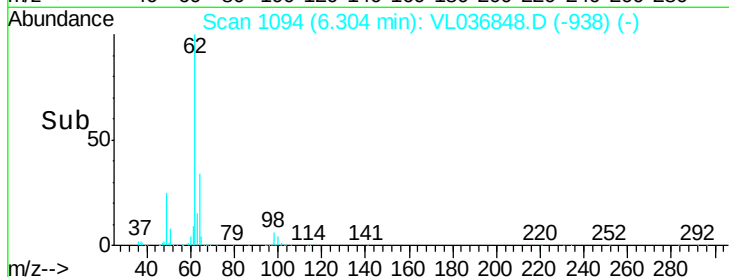
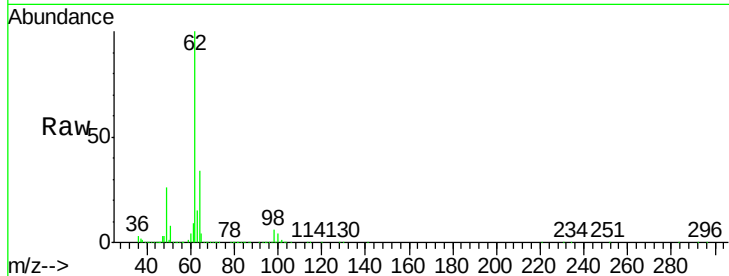


#37
 1,2-Dichloroethane
 Concen: 13.018 ppbv
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:
 Ion Ratio
 62 100
 98 6.

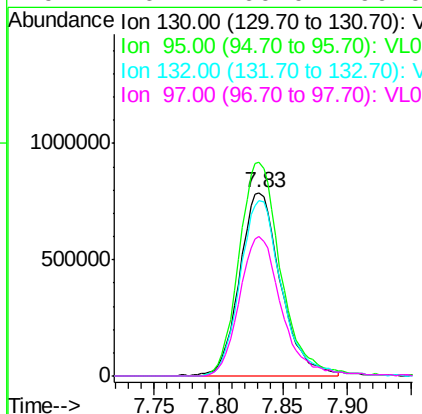
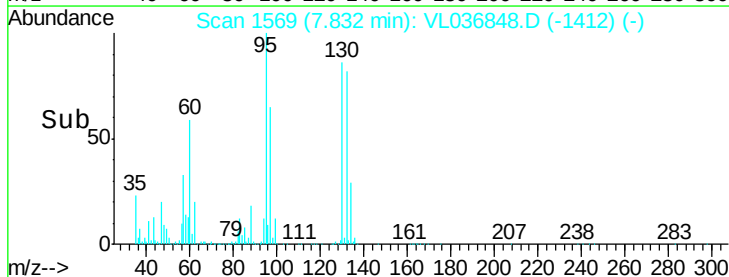
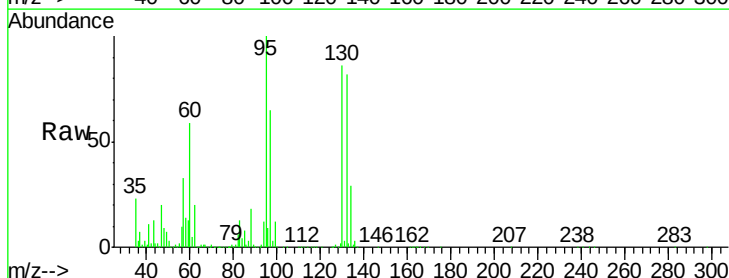
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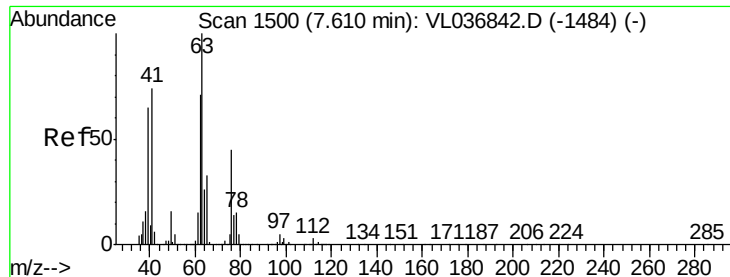
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#38
 Trichloroethene
 Concen: 12.126 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:130 Resp: 1734380
 Ion Ratio Lower Upper
 130 100
 95 116.9 92.3 138.5
 132 96.1 76.8 115.2
 97 76.1 60.0 90.0



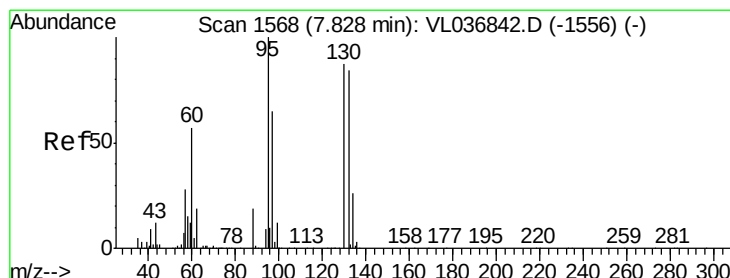
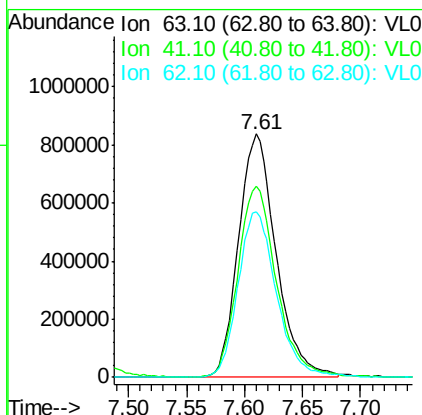
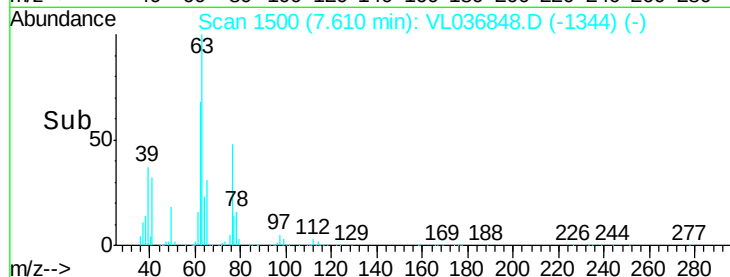
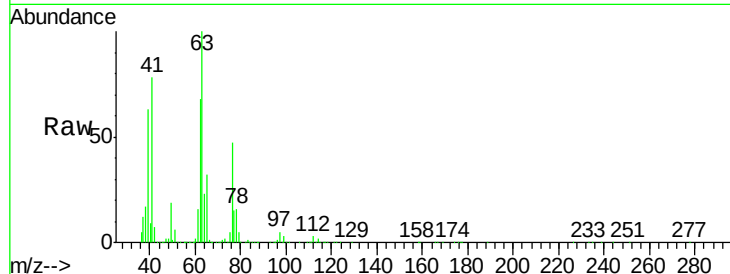


#39
 1,2-Dichloropropane
 Concen: 12.825 ppbv
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 67.

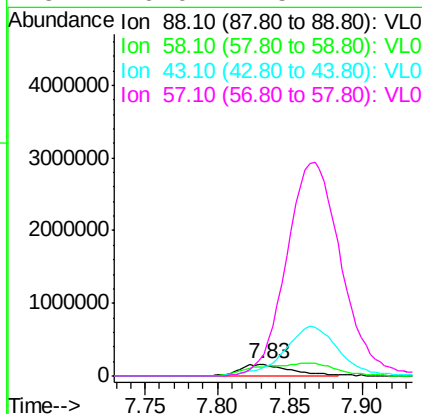
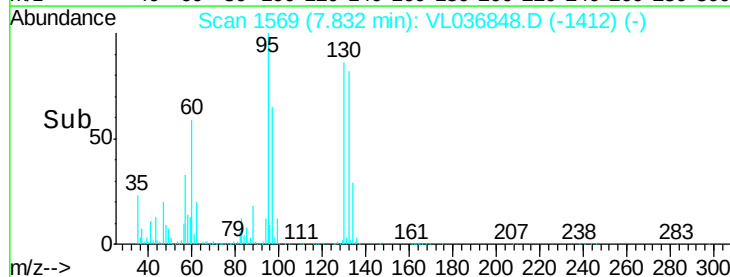
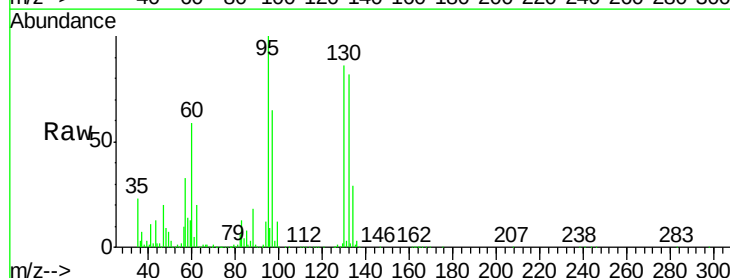
Manual Integrations
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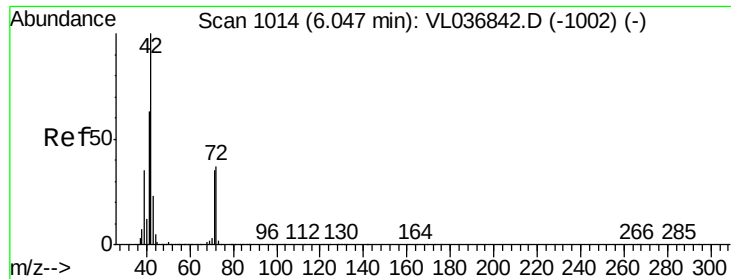
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 11.070 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 88 Resp: 384380
 Ion Ratio Lower Upper
 88 100
 58 0.0 129.8 194.8#
 43 0.0 326.5 489.7#
 57 0.0 1428.2 2142.4#



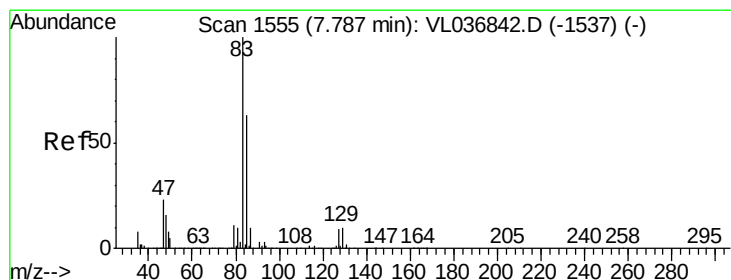
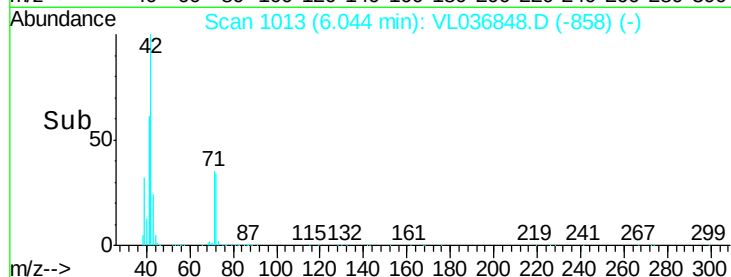
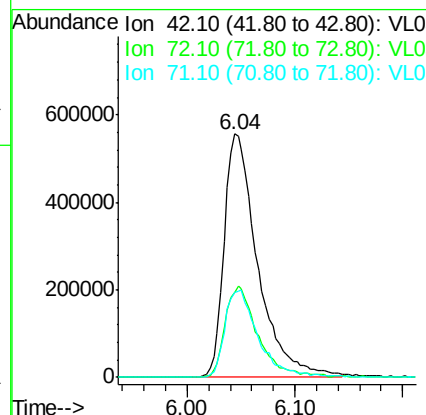
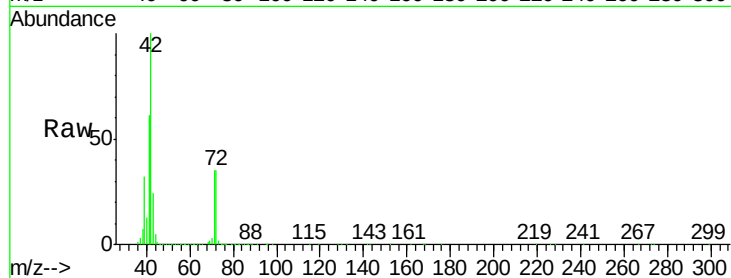


#41
Tetrahydrofuran
Concen: 13.678 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
42 100
72 37.
71 36.

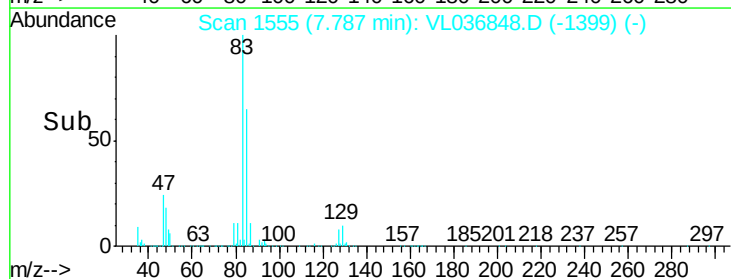
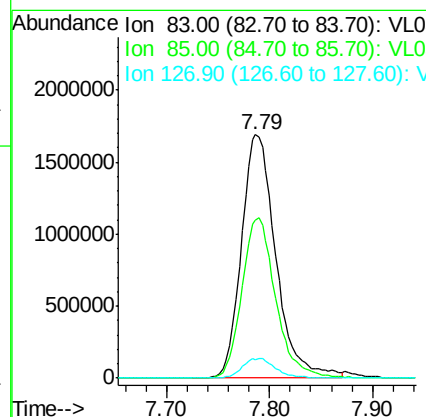
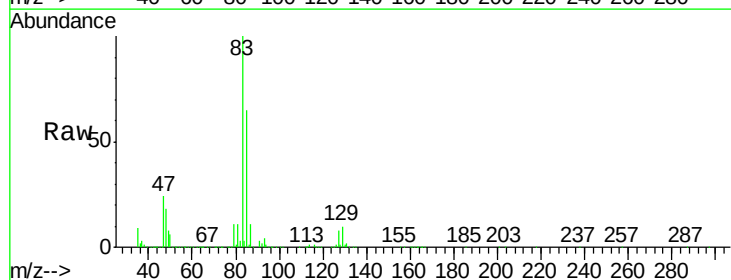
Manual Integrations
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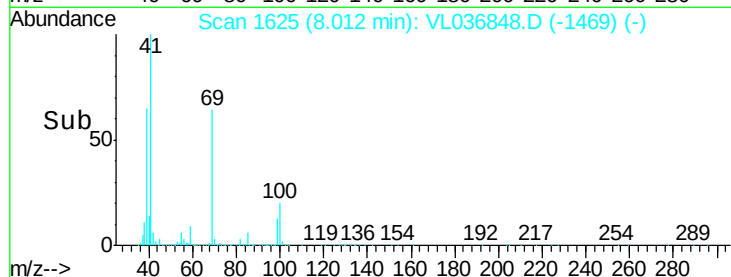
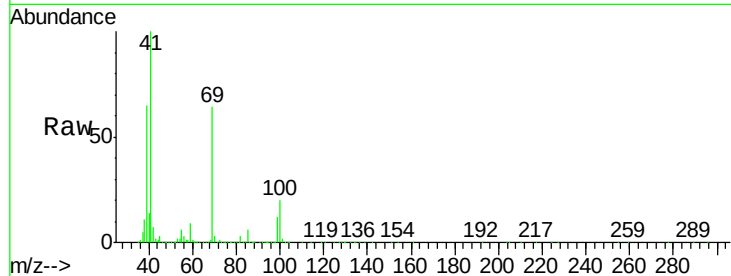
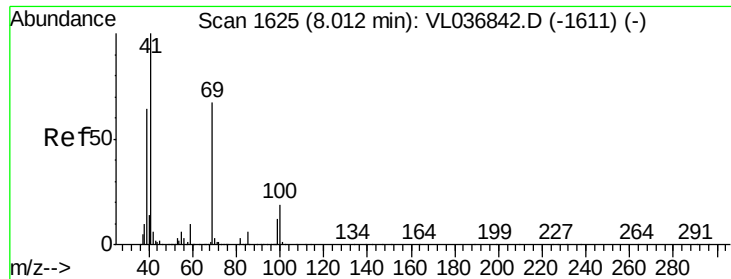
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#42
Bromodichloromethane
Concen: 13.521 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 83 Resp: 3930659
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6
127 7.7 6.9 10.3





#43

Methyl Methacrylate

Concen: 14.538 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:

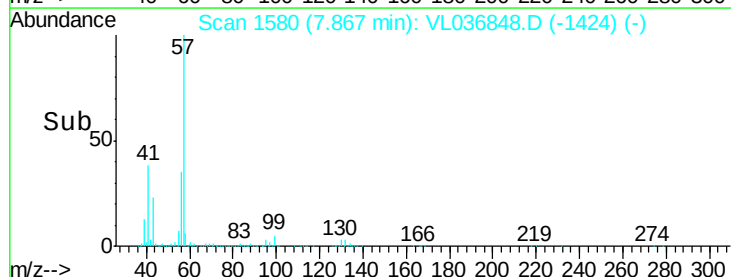
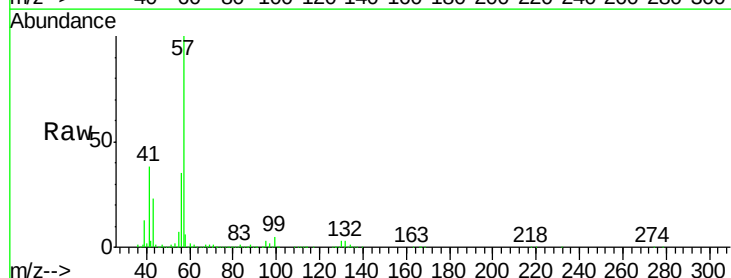
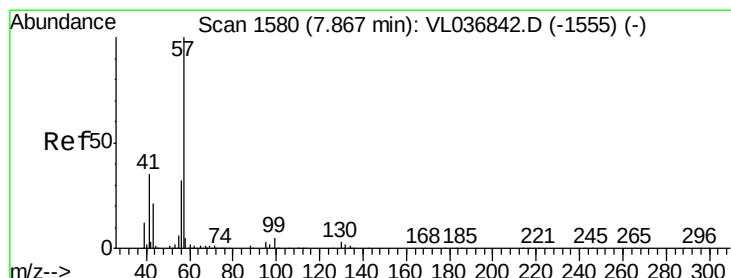
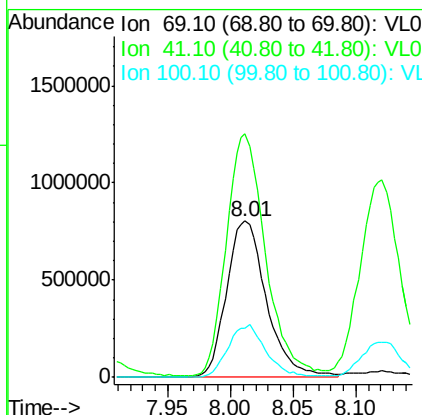
Ion	Ratio
69	100
41	153.
100	32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 12.113 ppbv

RT: 7.87 min Scan# 1580

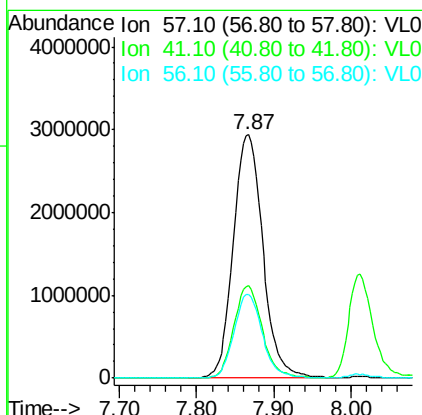
Delta R.T. 0.00 min

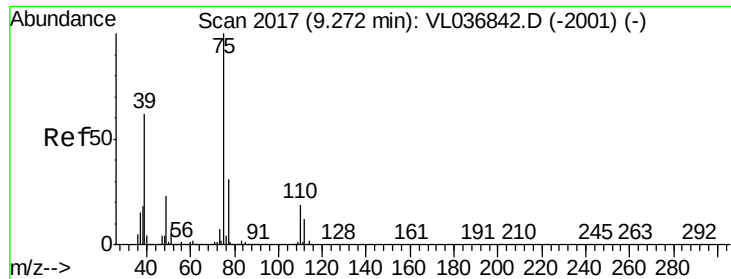
Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion: 57 Resp: 7794091

Ion	Ratio	Lower	Upper
57	100		
41	36.4	28.3	42.5
56	33.1	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 15.481 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14 VSTDIC015

Tot Ion:

Ion Ratio

75 100

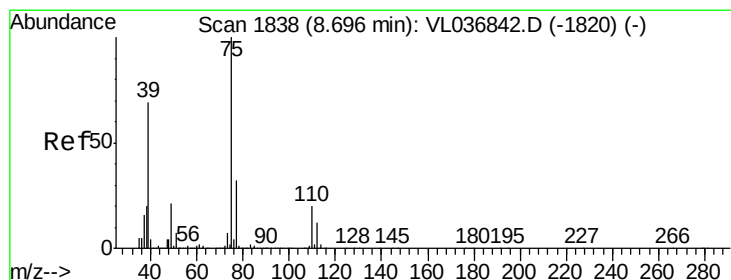
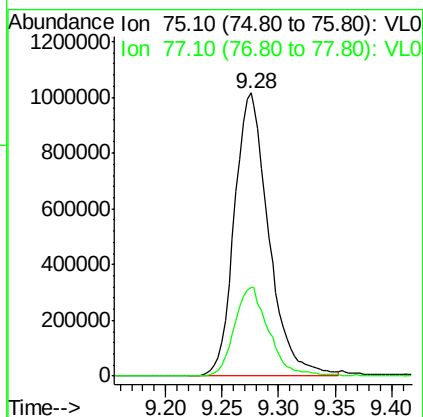
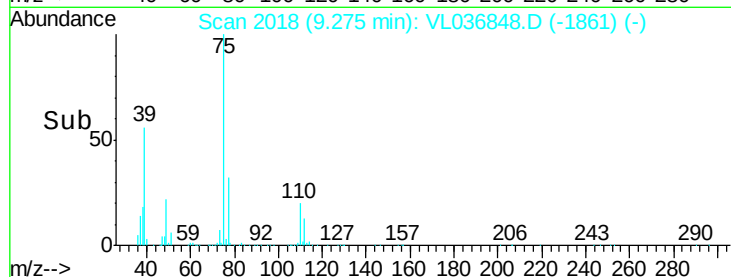
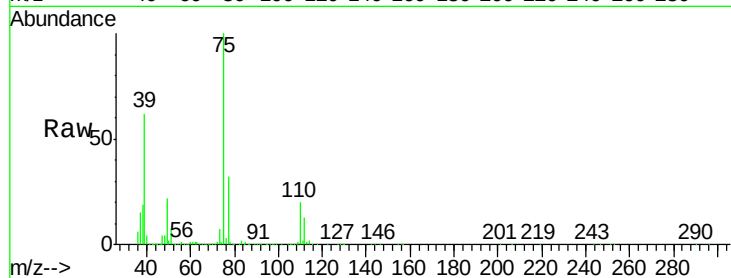
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 14.698 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

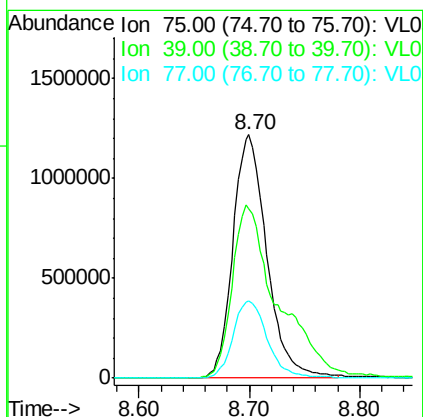
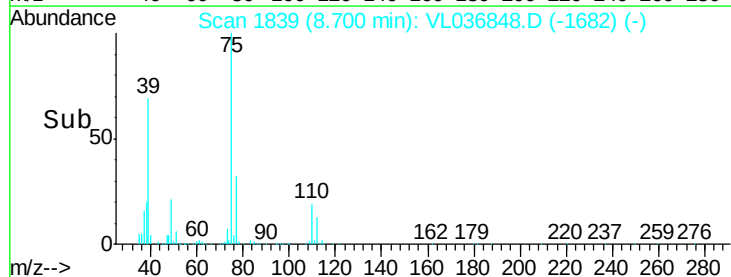
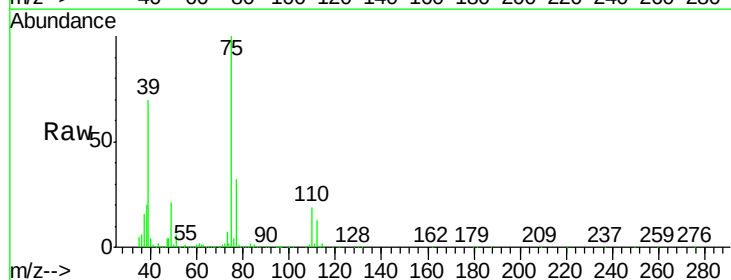
Tgt Ion: 75 Resp: 2598092

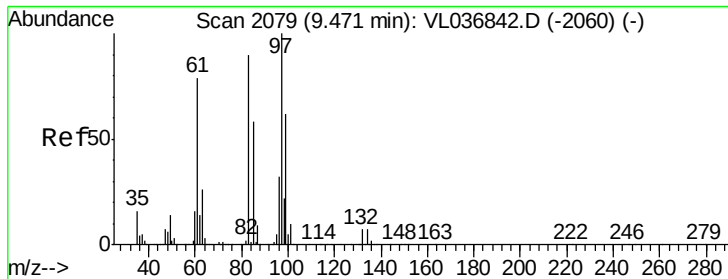
Ion Ratio Lower Upper

75 100

39 69.6 55.4 83.0

77 31.7 25.2 37.8



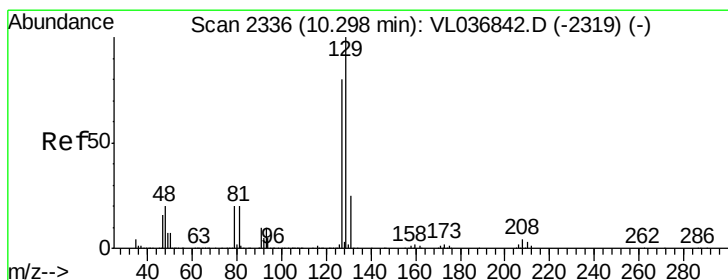
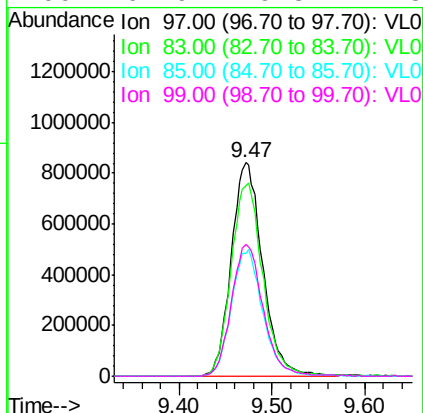
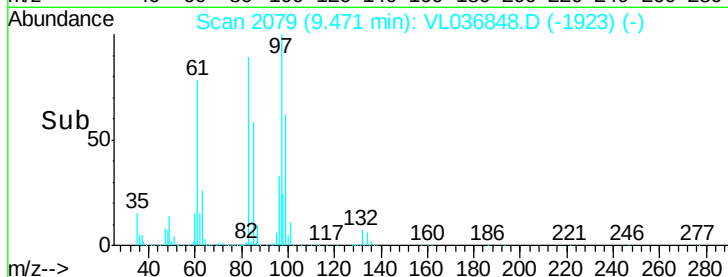
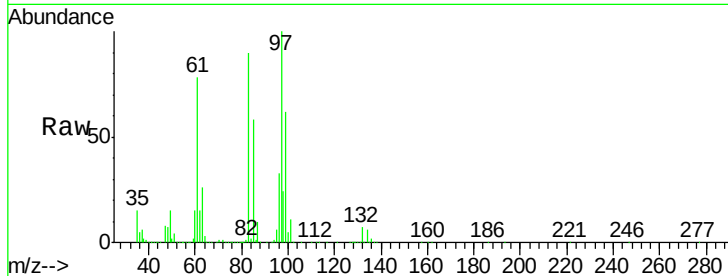


#47
 1,1,2-Trichloroethane
 Concen: 13.150 ppbv
 RT: 9.47 min
 Instrument: MSVOA_L
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion: 97.00 (96.70 to 97.70): VL0
 Ion Ratio: 97 100
 83 89.1
 85 57.1
 99 61.9 49.8 74.8

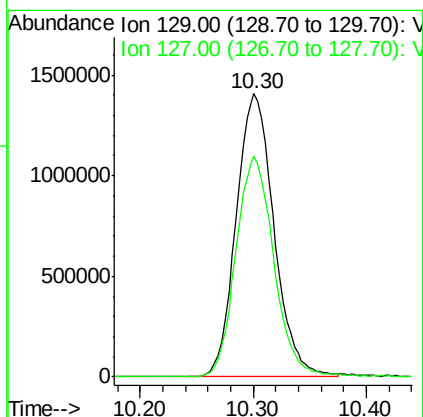
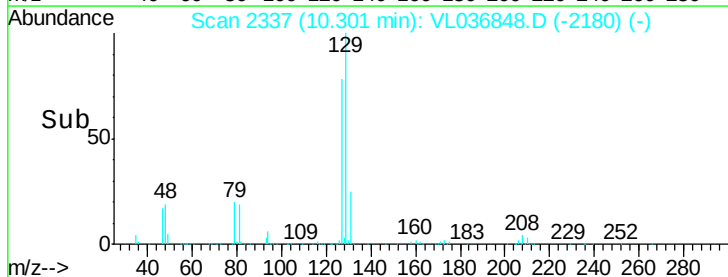
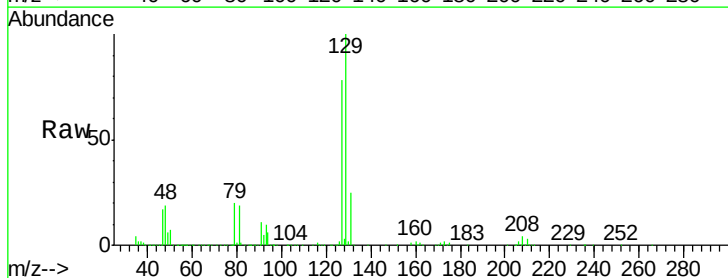
Manual Integrations
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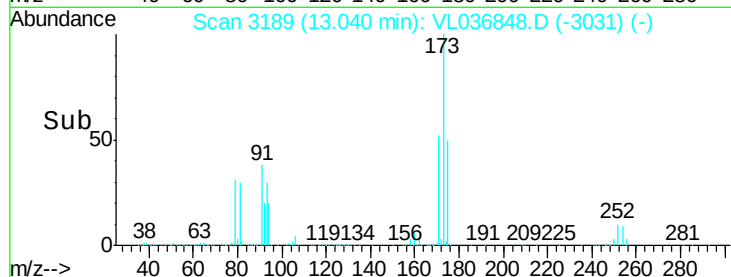
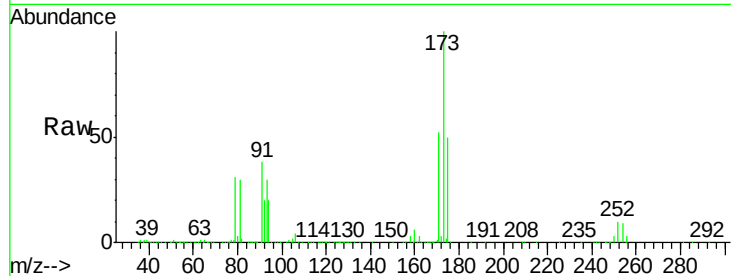
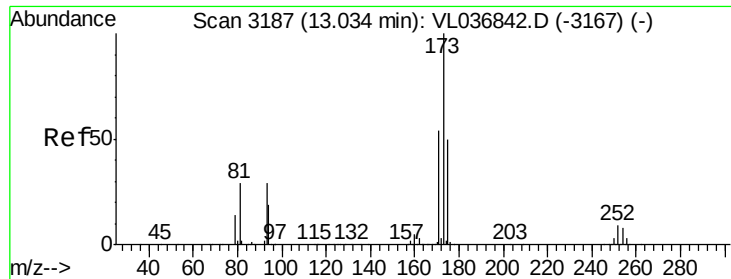
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 14.353 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:129 Resp: 3271967
 Ion Ratio Lower Upper
 129 100
 127 78.9 40.2 120.5





#49

Bromoform

Concen: 14.557 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:1

Ion Ratio

173 100

175 51.

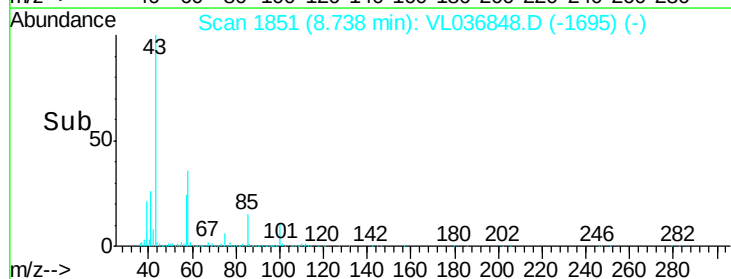
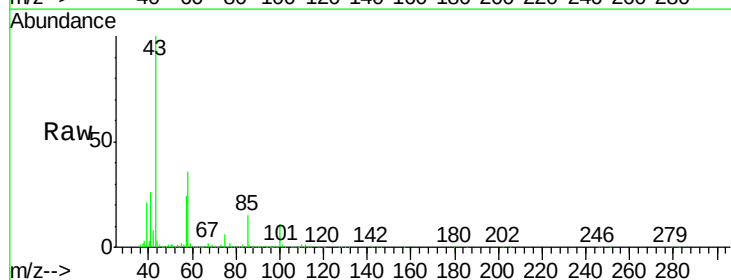
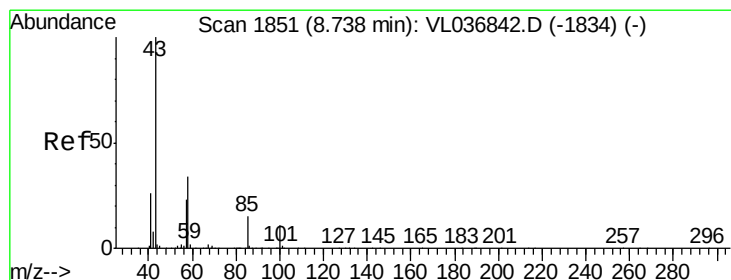
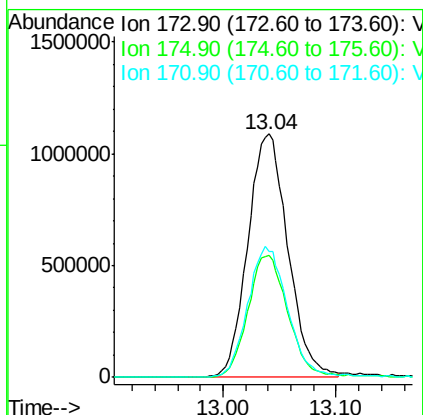
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#50

4-Methyl-2-Pentanone

Concen: 13.672 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VL036848.D

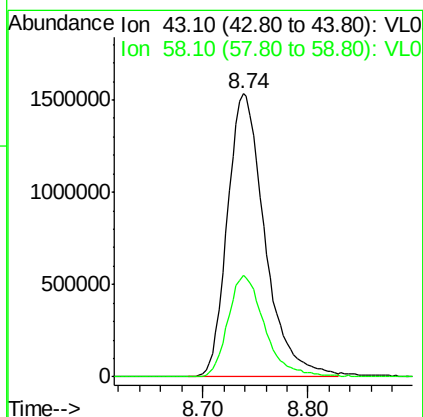
Acq: 27 Apr 2021 5:14

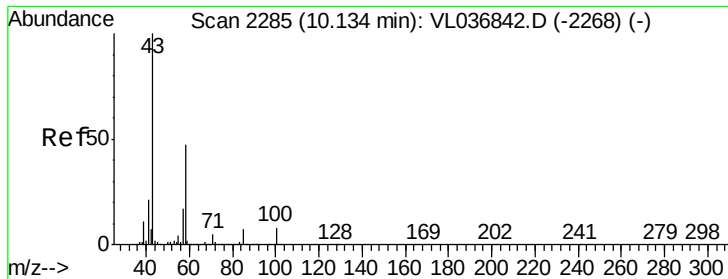
Tgt Ion: 43 Resp: 3779617

Ion Ratio Lower Upper

43 100

58 35.4 27.8 41.8



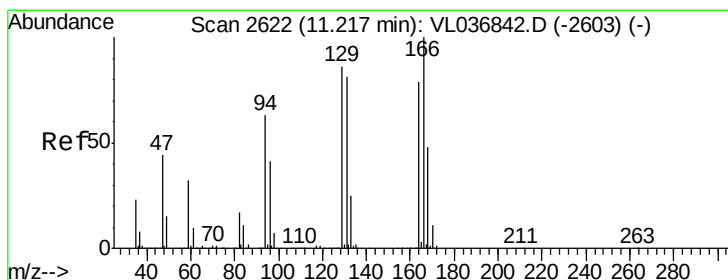
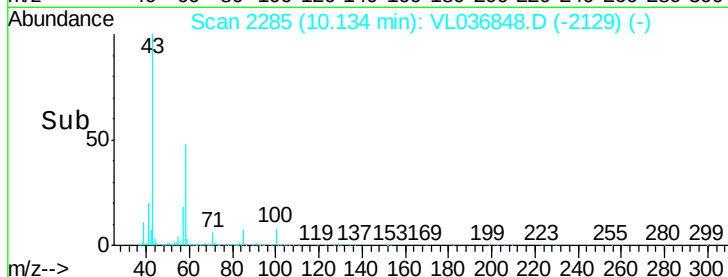
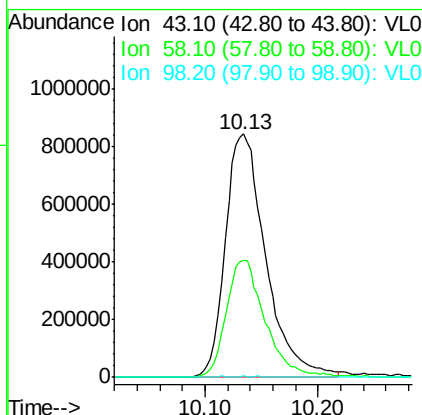
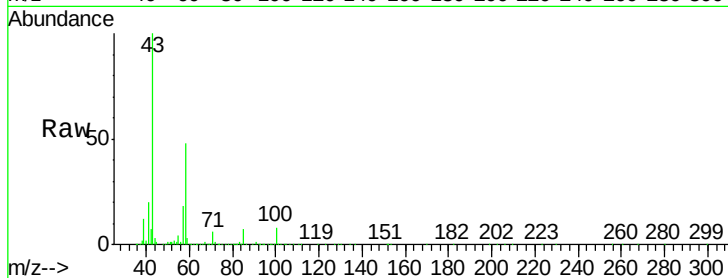


#51
2-Hexanone
Concen: 15.078 ppbv
RT: 10.13 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC015
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
43 100
58 46.
98 0.

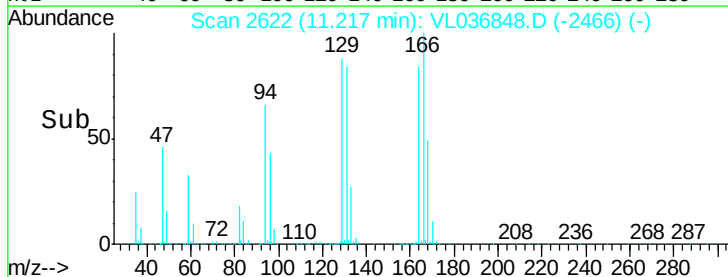
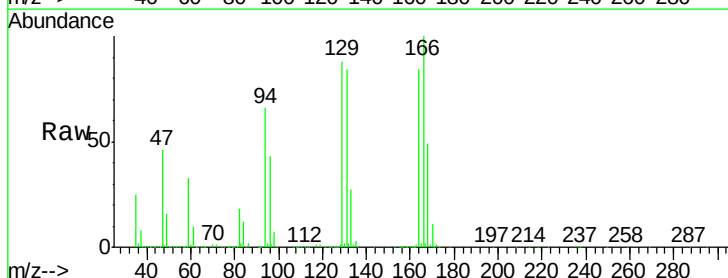
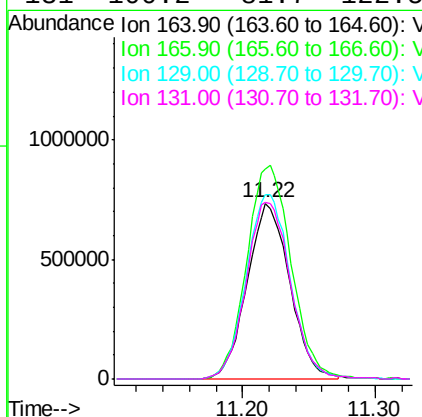
Manual Integrations
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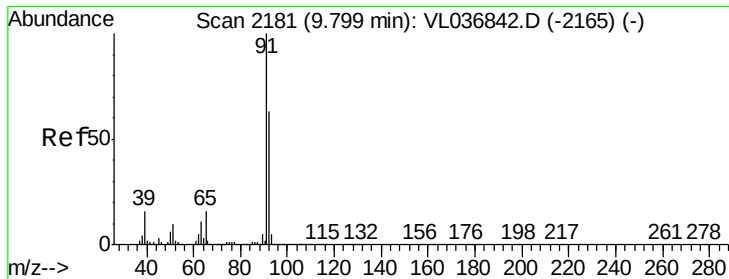
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 12.153 ppbv
RT: 11.22 min Scan# 2622
Delta R.T.: 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion:164 Resp: 1638960
Ion Ratio Lower Upper
164 100
166 119.2 100.9 151.3
129 104.6 87.0 130.4
131 100.2 81.7 122.5





#53

Toluene

Concen: 13.939 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

91 100

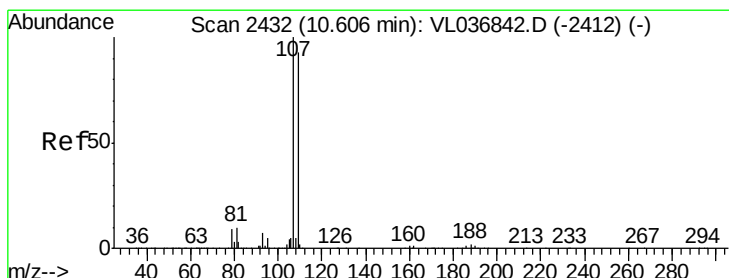
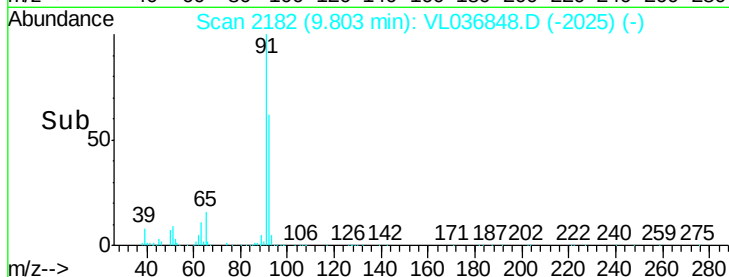
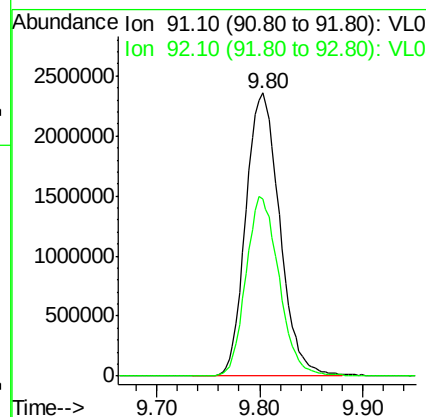
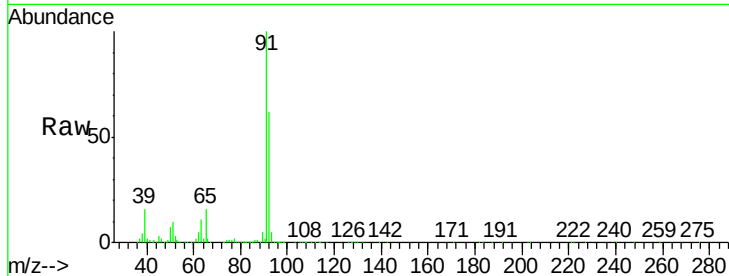
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#54

1,2-Dibromoethane

Concen: 13.458 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL036848.D

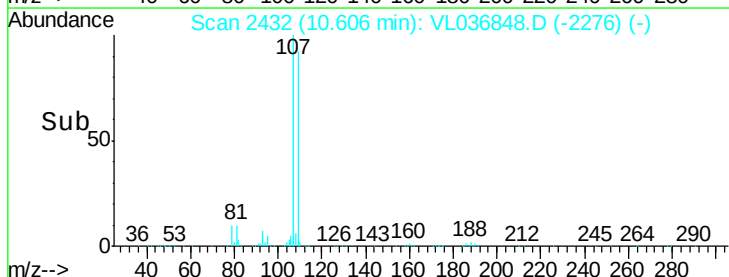
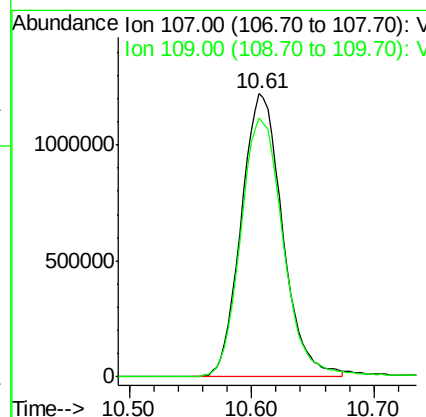
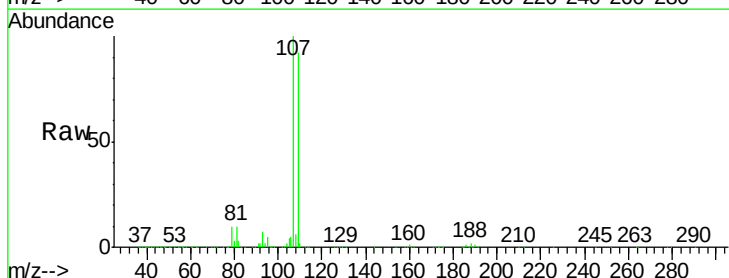
Acq: 27 Apr 2021 5:14

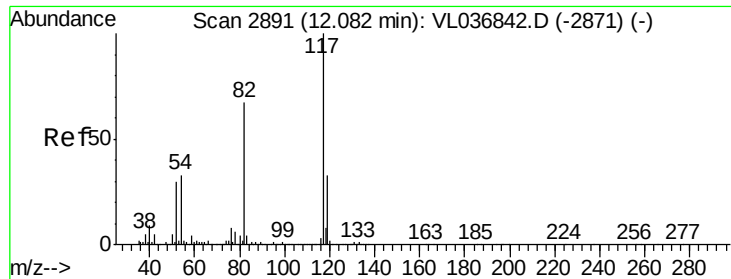
Tgt Ion:107 Resp: 2848490

Ion Ratio Lower Upper

107 100

109 91.6 74.7 112.1



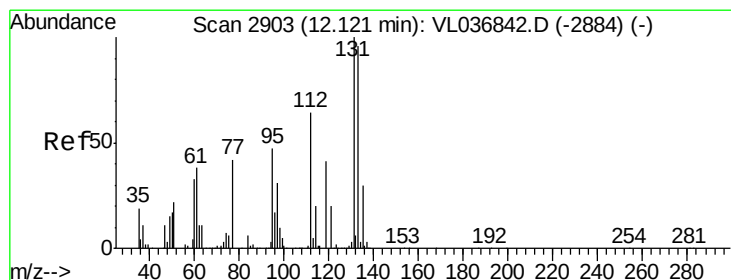
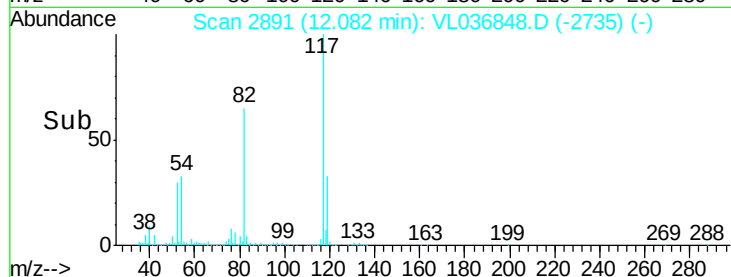
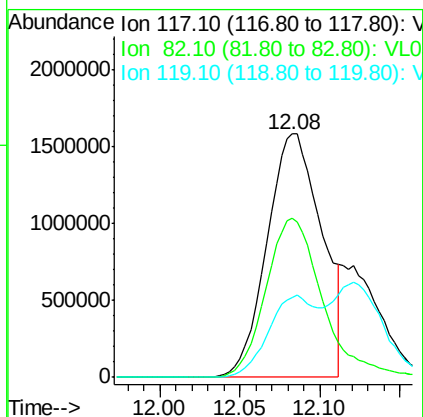
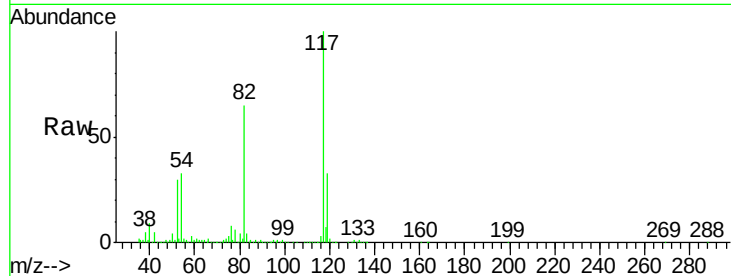


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 5:14

Tot Ion:1
Ion Rati
117 100
82 68.
119 28.

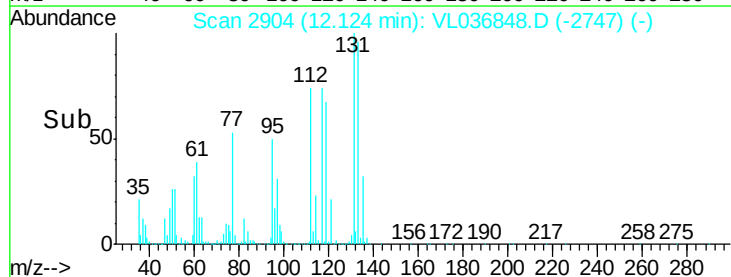
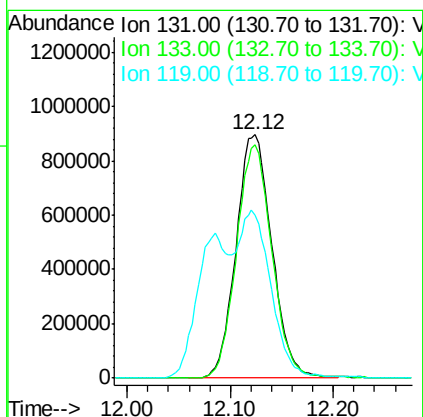
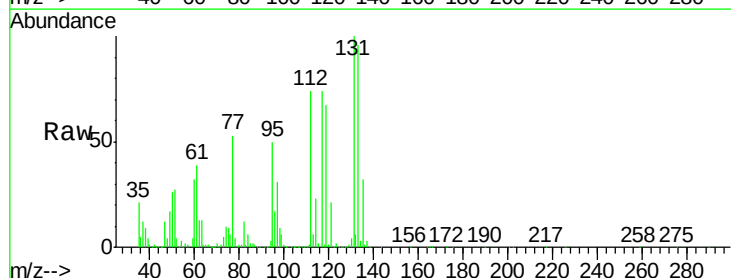
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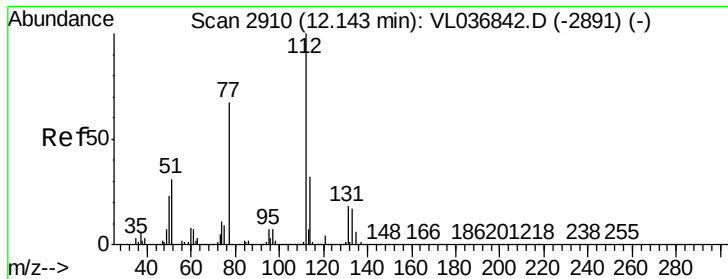
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 12.910 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion:131 Resp: 2163183
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.4
119 119.0 114.6 171.8





#57

Chlorobenzene

Concen: 12.546 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:1

Ion Rati

112 100

77 68.

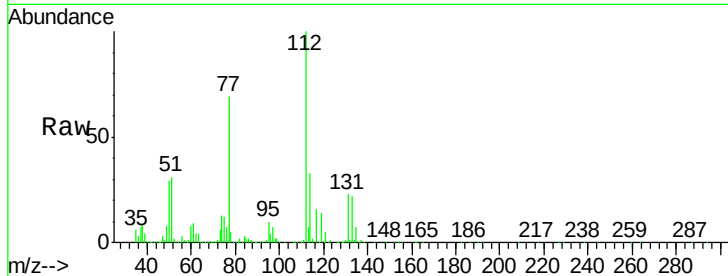
114 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

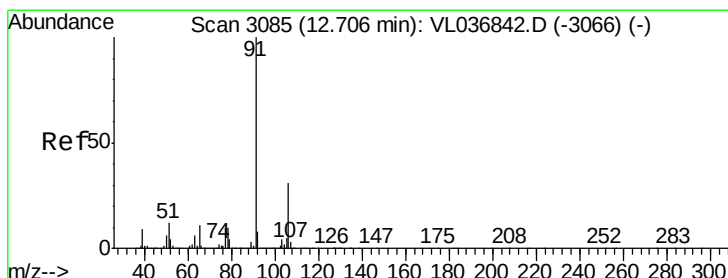
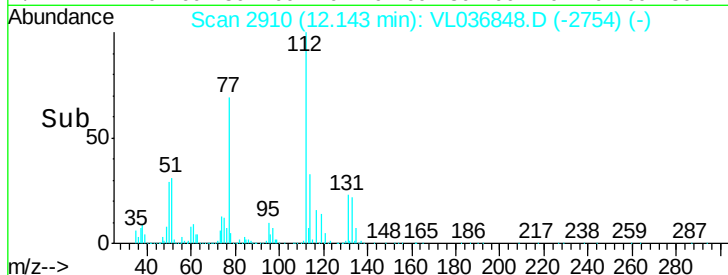
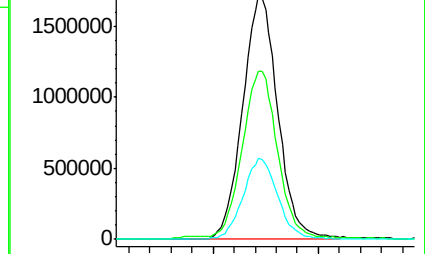
Supervised By :Mahesh Dadoda 04/29/2021



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 13.296 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL036848.D

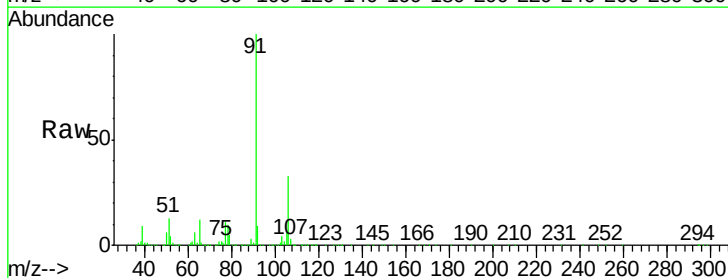
Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 7156414

Ion Ratio Lower Upper

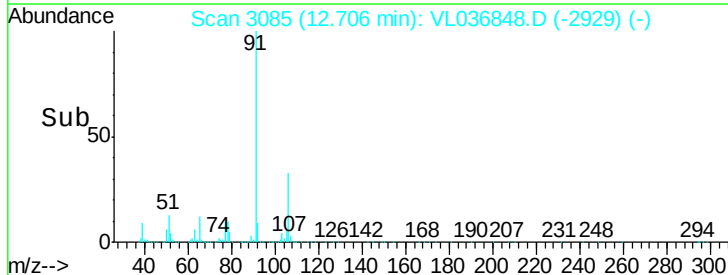
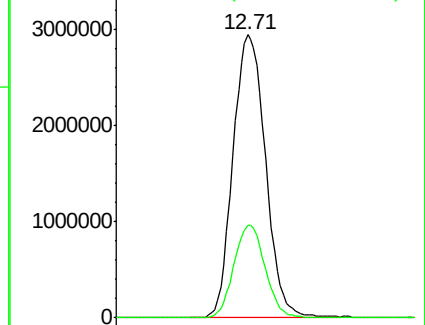
91 100

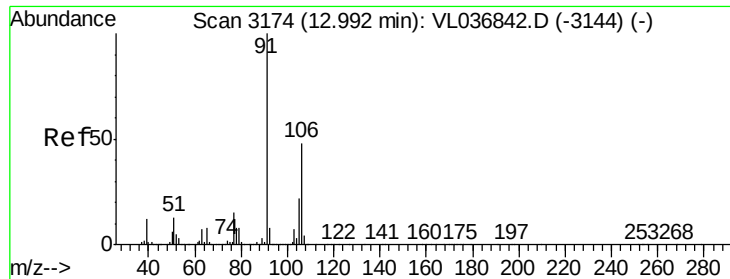
106 32.7 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



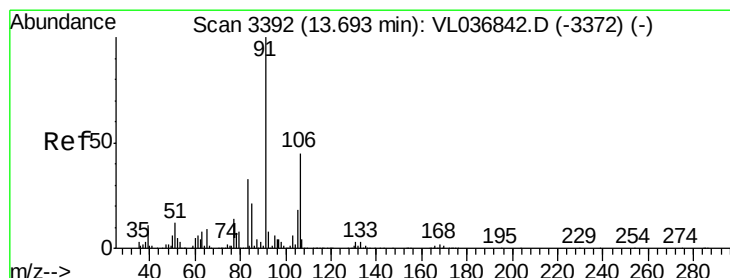
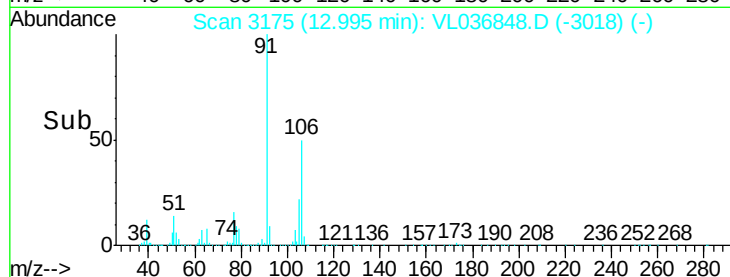
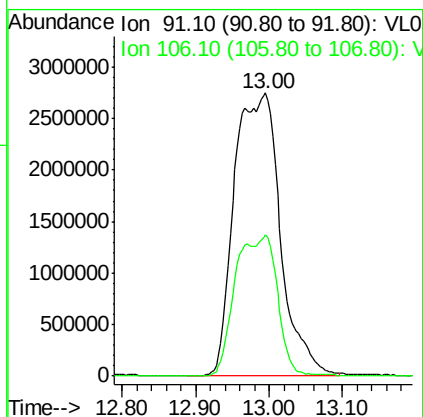
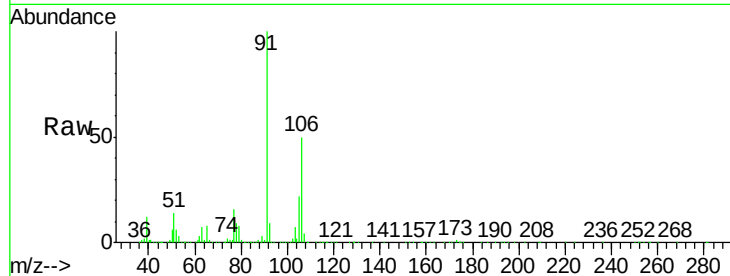


#59
m/p-Xylene
Concen: 25.444 ppbv m
RT: 13.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 5:14

Tot Ion:
Ion Ratio
91 100
106 45.

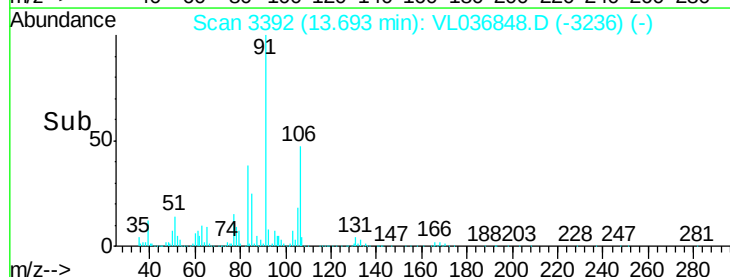
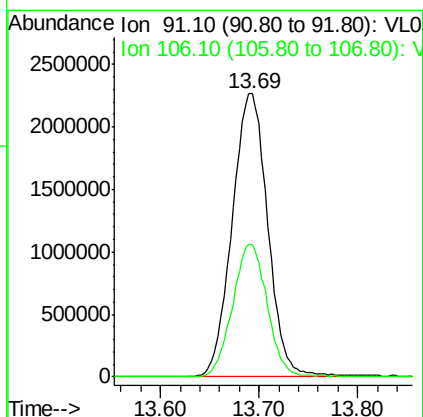
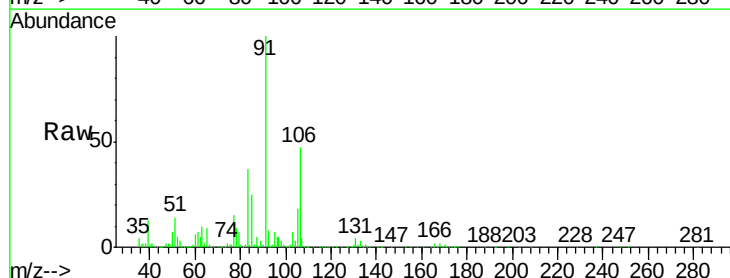
Manual Integrations
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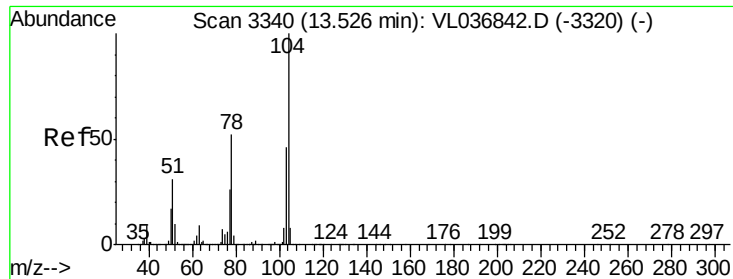
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 12.450 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 5665213
Ion Ratio Lower Upper
91 100
106 46.0 22.6 67.8





#61

Stvrene

Concen: 15.264 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:1

Ion Ratio

104 100

78 54.

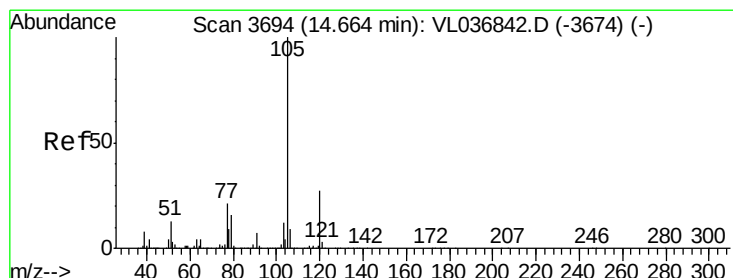
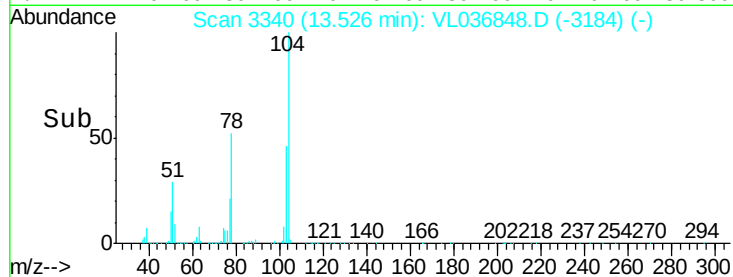
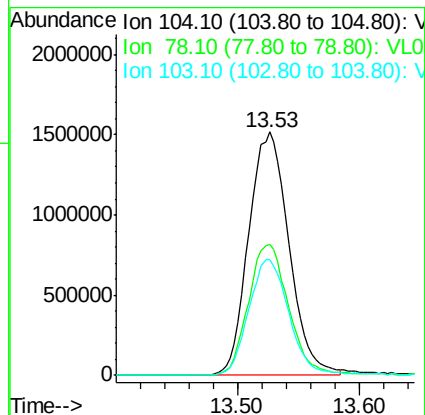
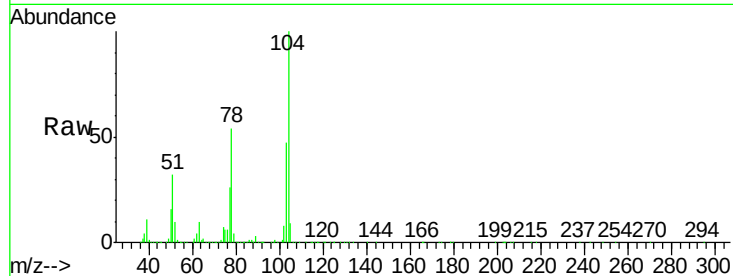
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#62

Isopropylbenzene

Concen: 12.552 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VL036848.D

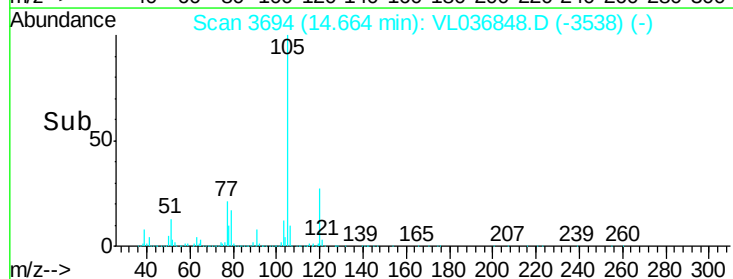
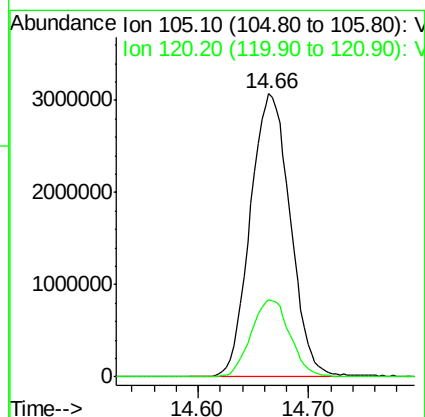
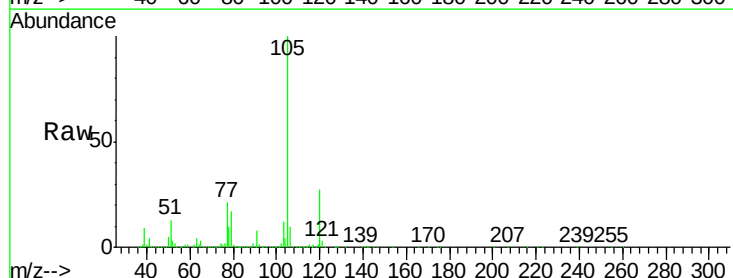
Acq: 27 Apr 2021 5:14

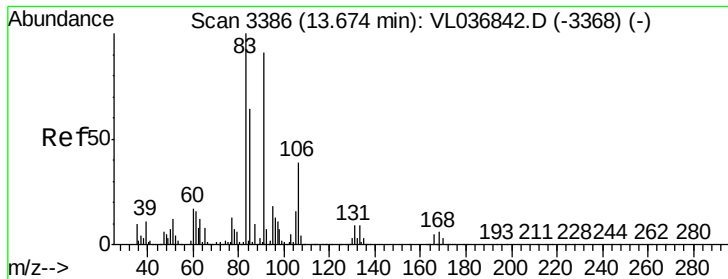
Tgt Ion:105 Resp: 7687218

Ion Ratio Lower Upper

105 100

120 26.8 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 11.841 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

83 100

131 9.

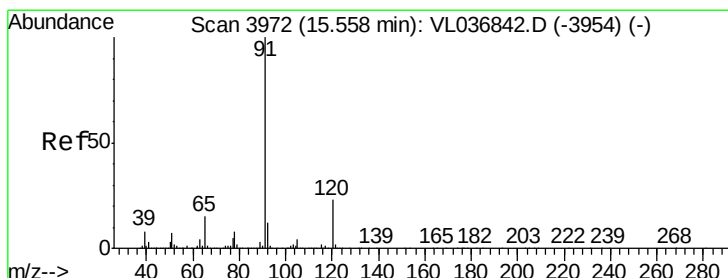
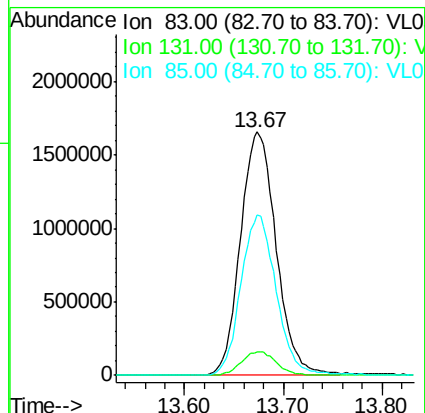
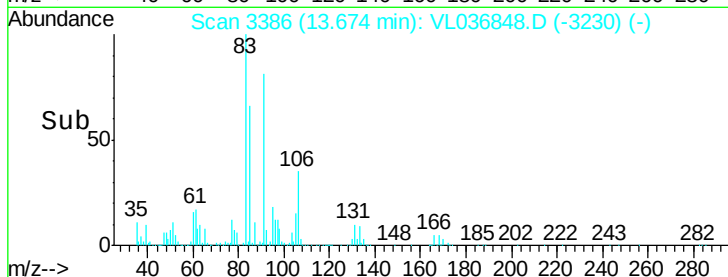
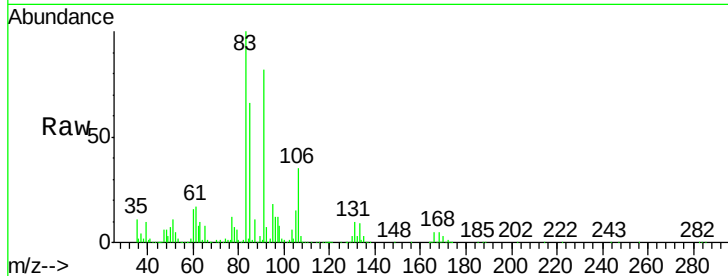
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#64

n-propylbenzene

Concen: 14.002 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL036848.D

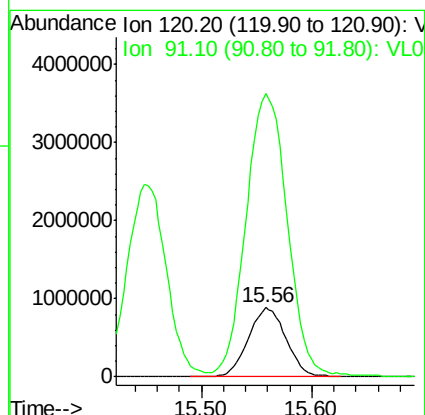
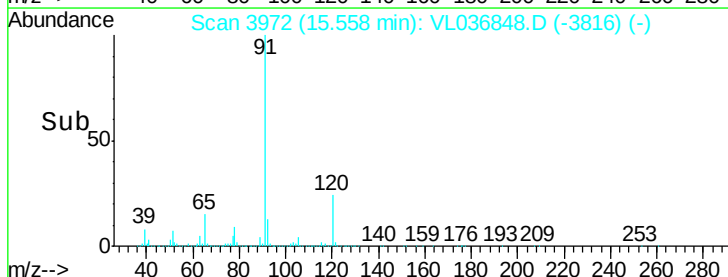
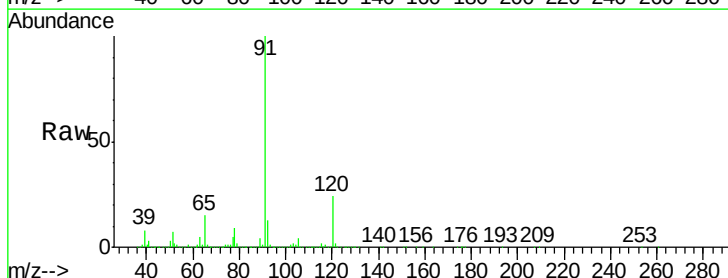
Acq: 27 Apr 2021 5:14

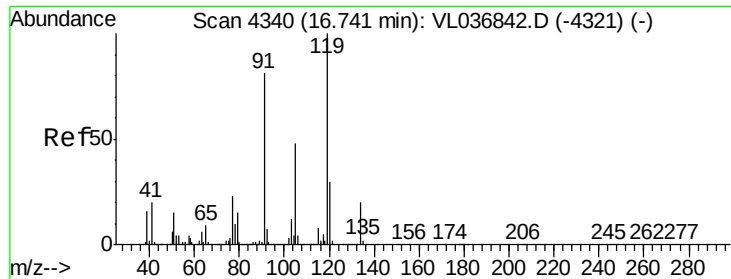
Tgt Ion:120 Resp: 2102916

Ion Ratio Lower Upper

120 100

91 449.1 378.6 567.8



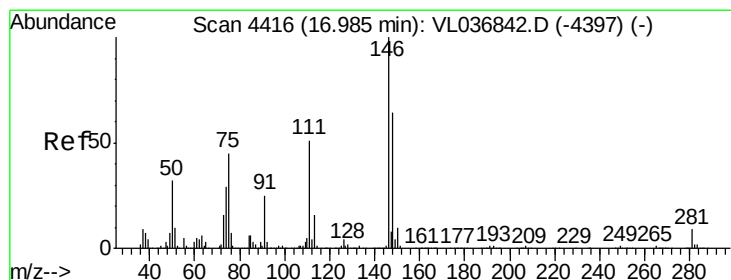
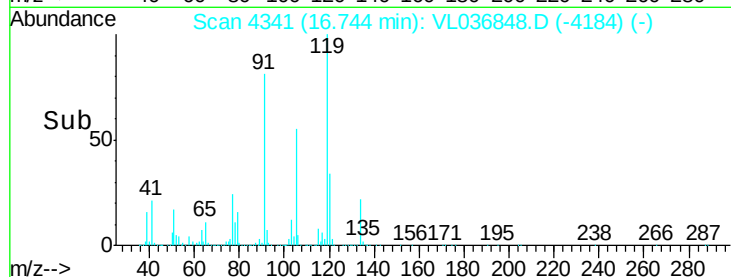
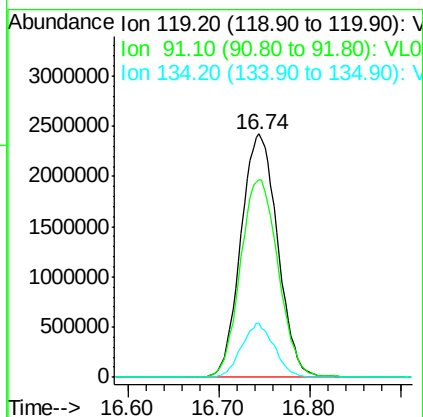
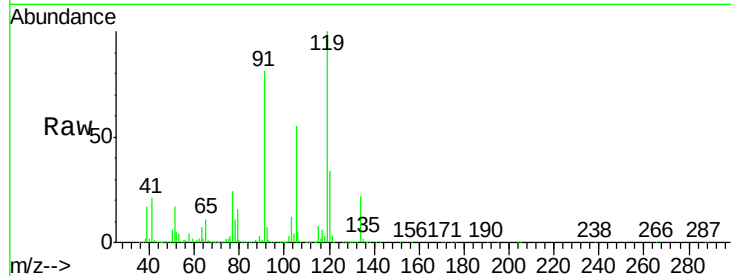


#65
 tert-Butylbenzene
 Concen: 12.701 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion: 1
 Ion Ratio
 119 100
 91 83.
 134 19.

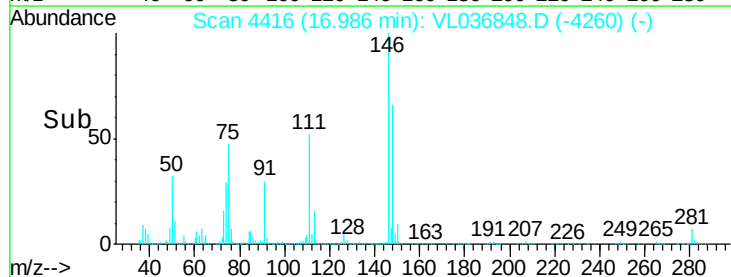
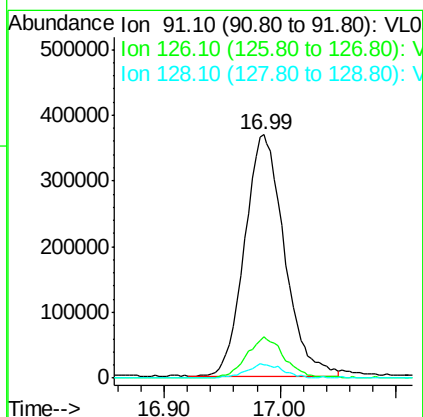
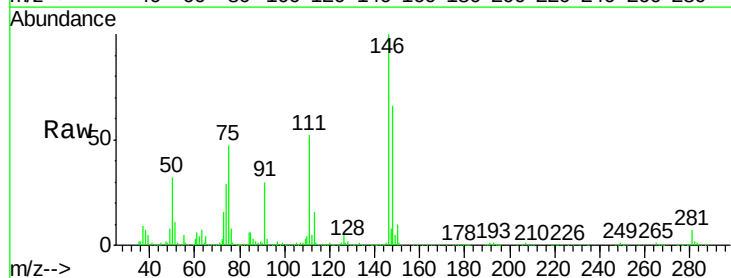
Manual Integrations
 APPROVED

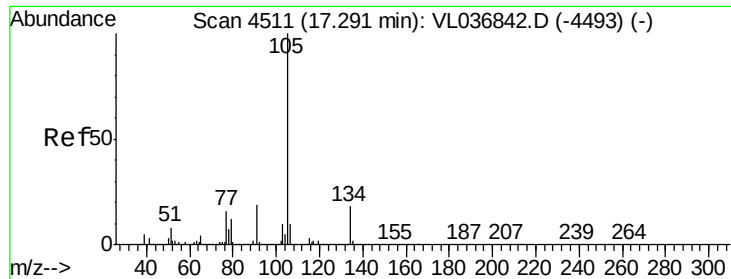
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#66
 Benzyl Chloride
 Concen: 15.326 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 875959
 Ion Ratio Lower Upper
 91 100
 126 16.5 14.1 21.1
 128 5.9 4.8 7.2





#67

sec-Butylbenzene

Concen: 12.506 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:1

Ion Ratio

105 100

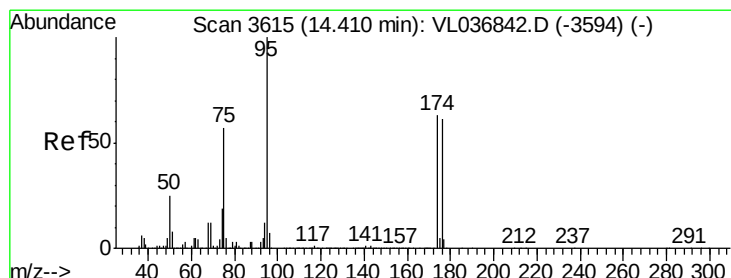
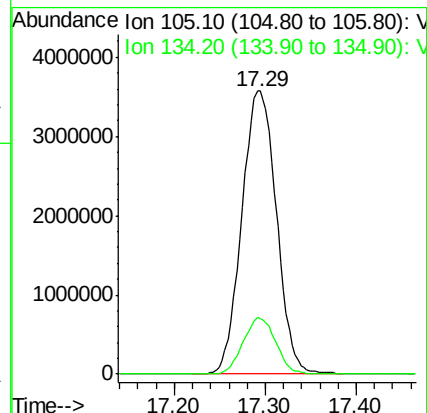
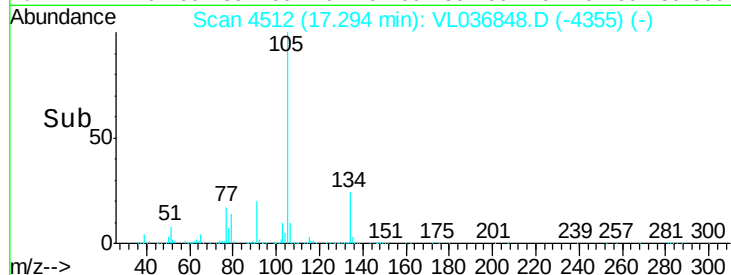
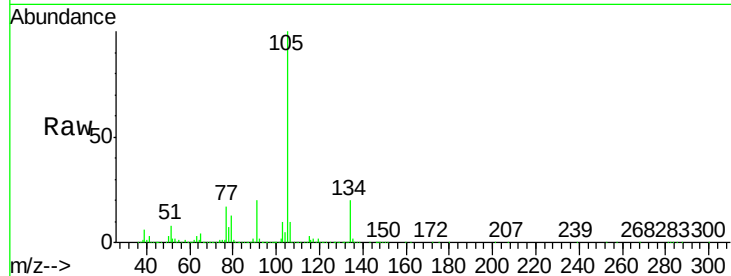
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.510 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

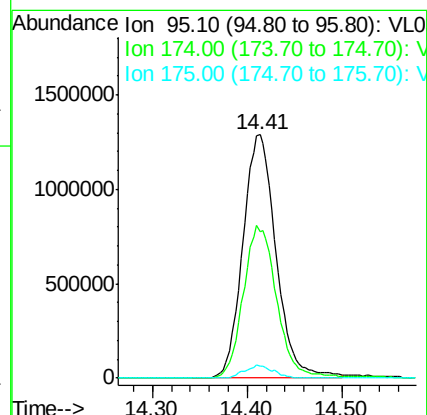
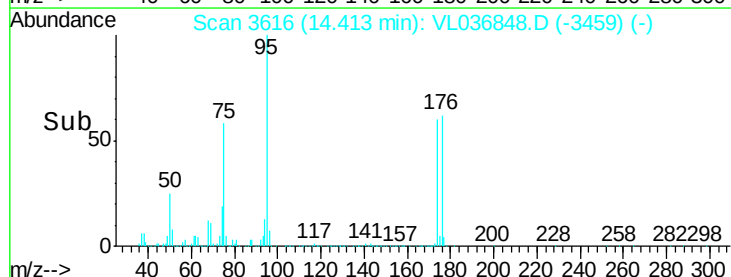
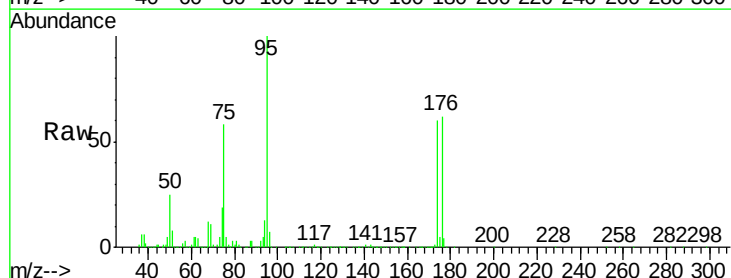
Tgt Ion: 95 Resp: 3143230

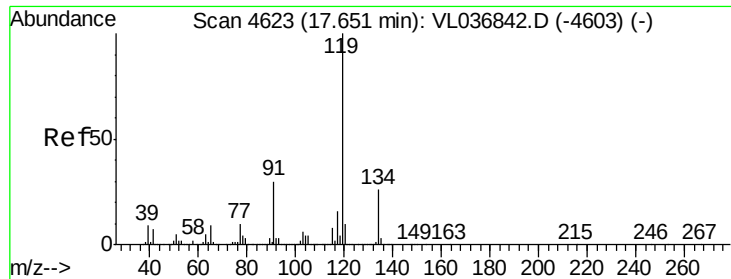
Ion Ratio Lower Upper

95 100

174 63.9 52.4 78.6

175 4.8 3.9 5.9



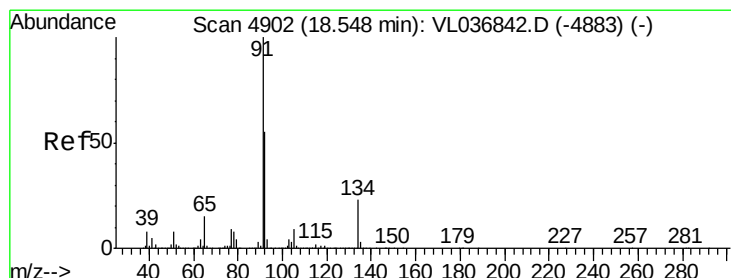
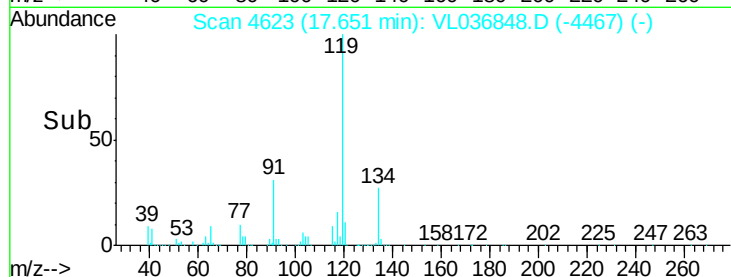
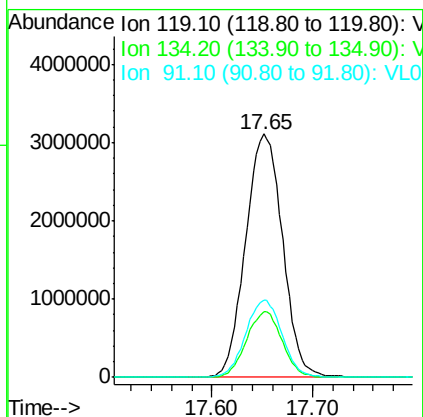
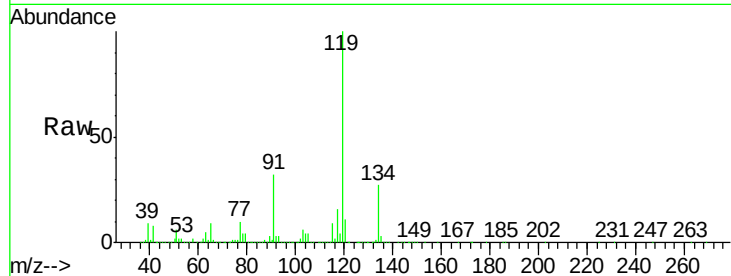


#69
 p-Isopropyltoluene
 Concen: 13.370 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 5:14

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 31.

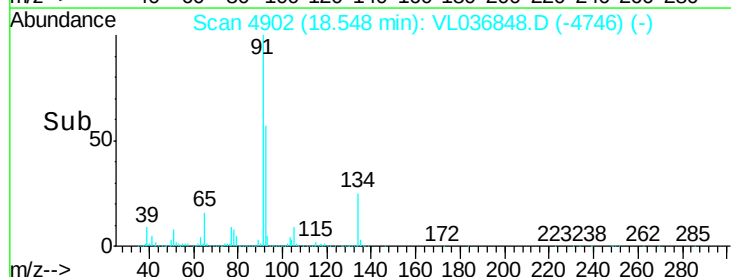
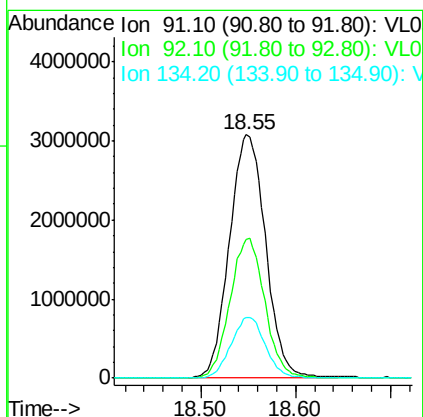
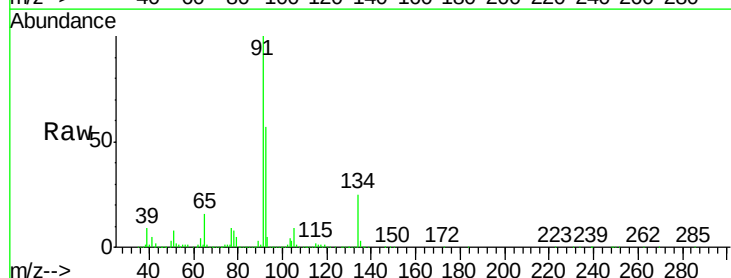
Manual Integrations
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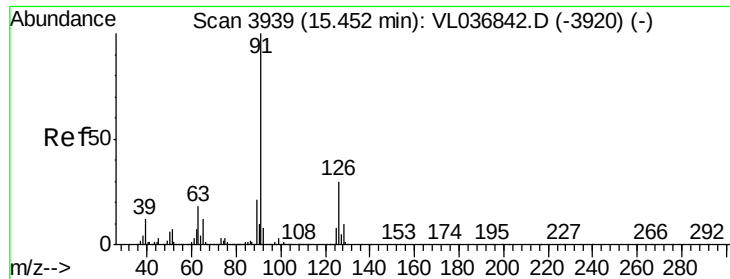
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 13.343 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion: 91 Resp: 8162113
 Ion Ratio Lower Upper
 91 100
 92 55.6 43.6 65.4
 134 23.7 18.2 27.4





#71

2-Chlorotoluene

Concen: 13.183 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 5:14

Tot Ion:

Ion Ratio

91 100

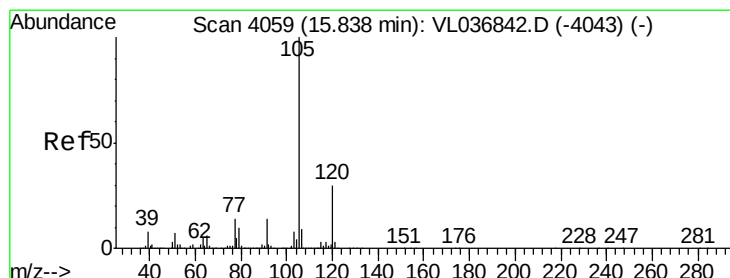
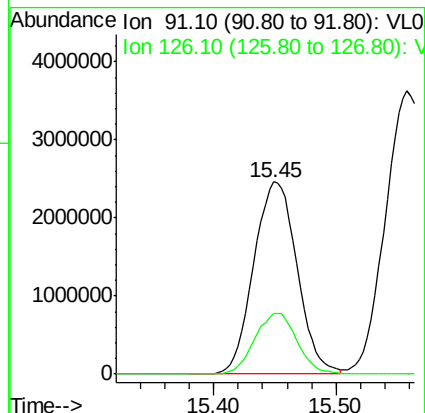
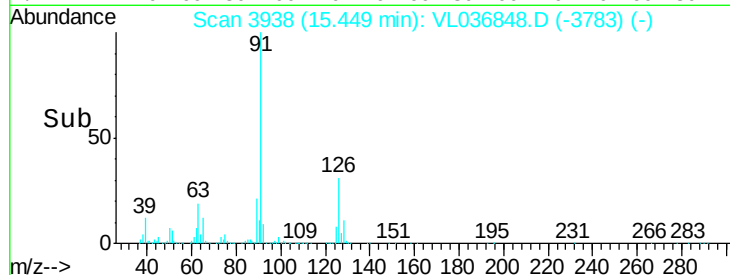
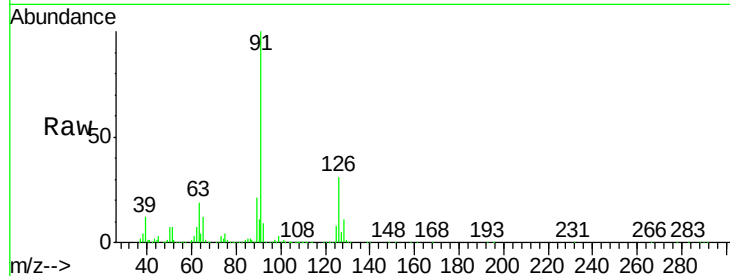
126 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#72

4-Ethyltoluene

Concen: 13.453 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion:105 Resp: 6743465

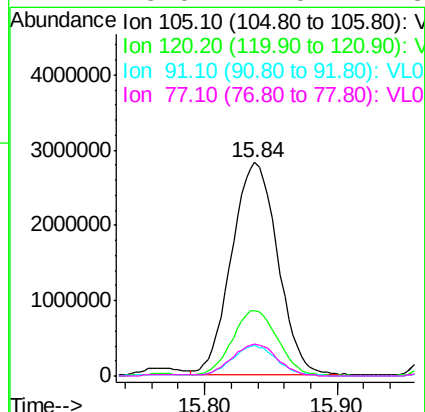
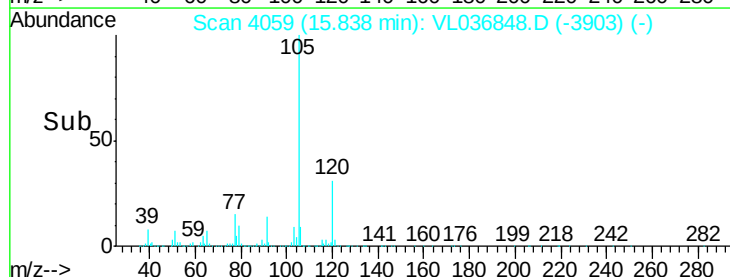
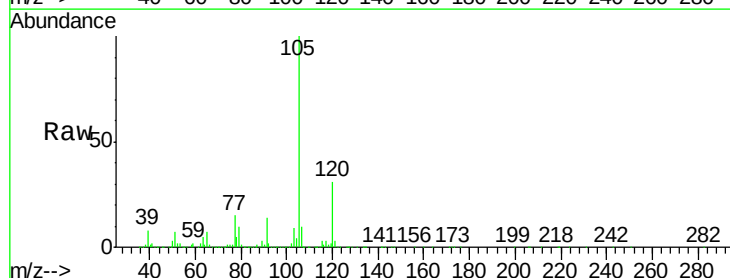
Ion Ratio Lower Upper

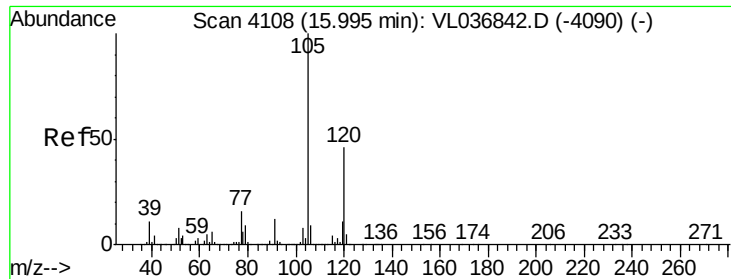
105 100

120 31.1 23.8 35.6

91 13.9 10.7 16.1

77 15.0 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 13.283 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 27 Apr 2021 5:14

Tot Ion:1

Ion Rati

105 100

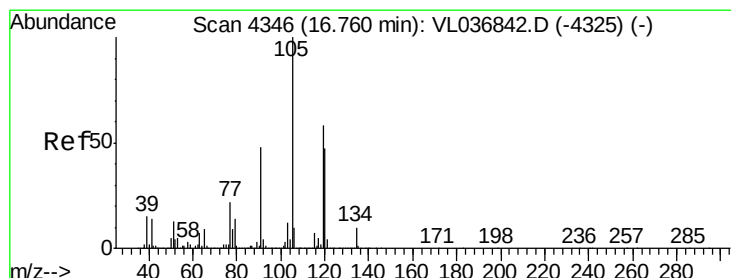
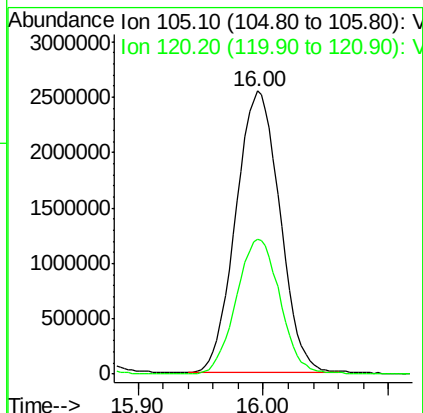
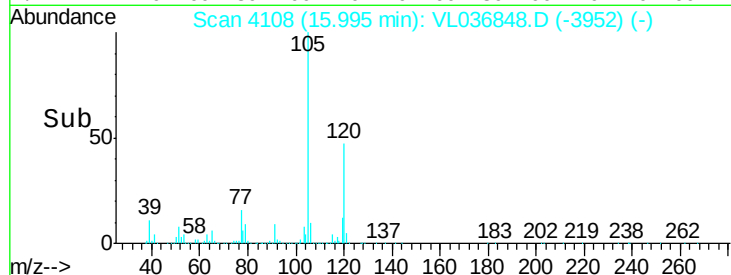
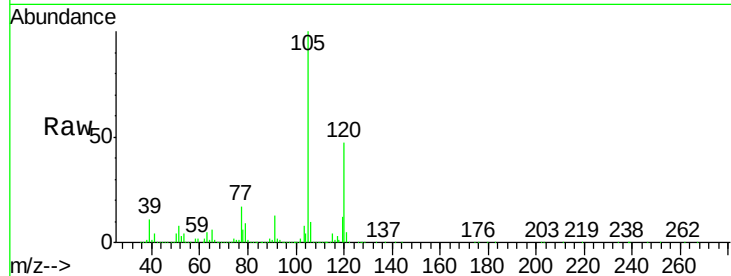
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 12.533 ppbv

RT: 16.76 min Scan# 4347

Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion:105 Resp: 6295266

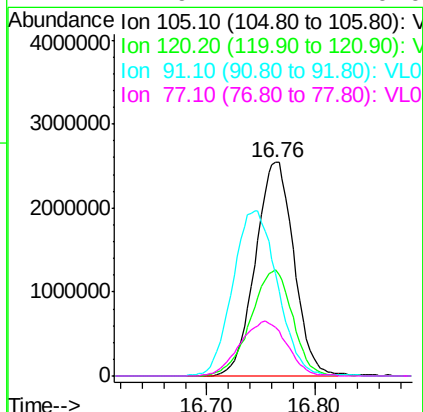
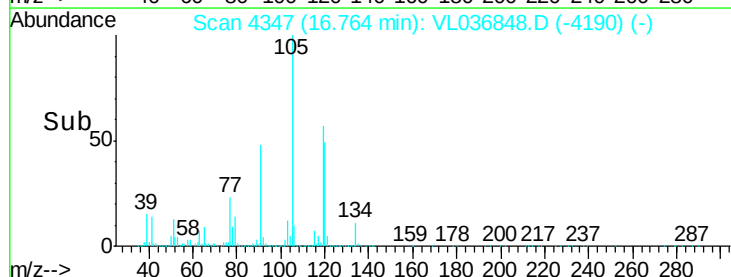
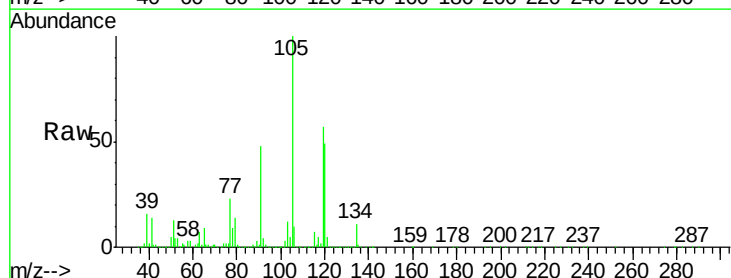
Ion Ratio Lower Upper

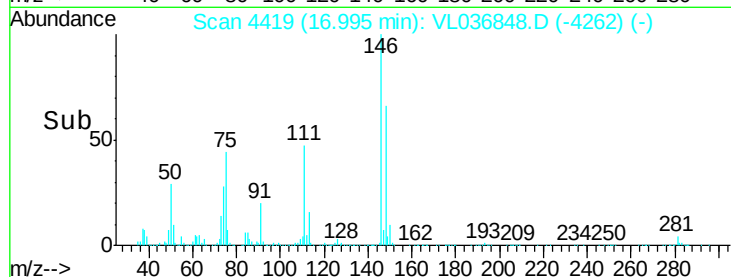
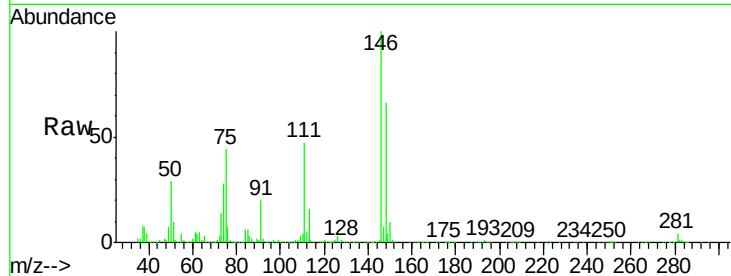
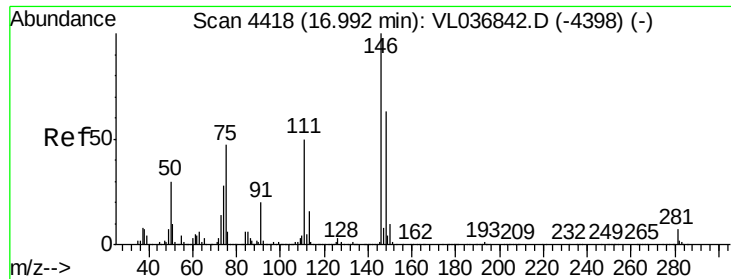
105 100

120 49.4 37.6 56.4

91 47.4 39.0 58.4

77 22.9 17.4 26.0



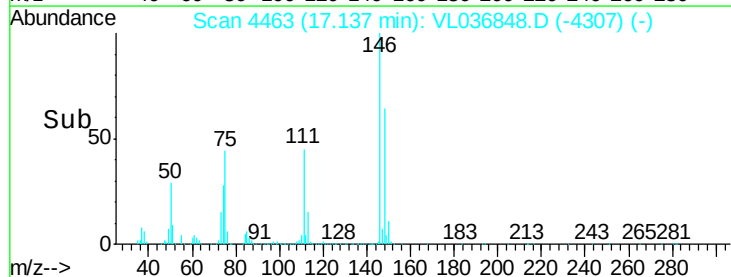
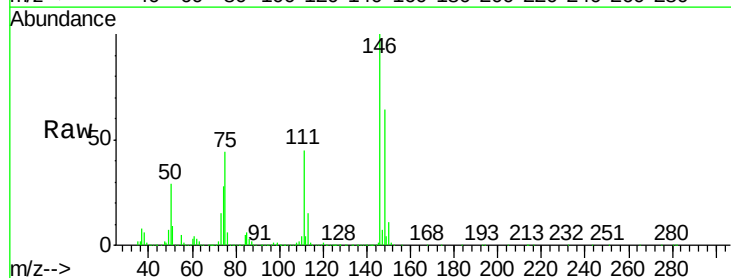
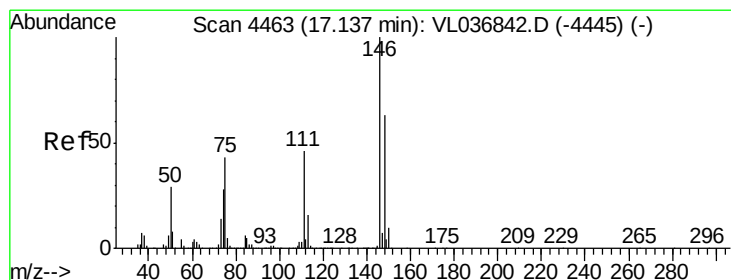
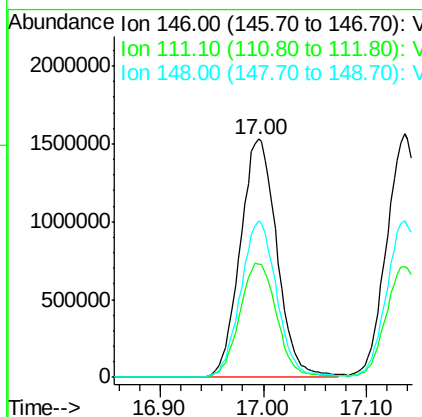


#75
 1,3-Dichlorobenzene
 Concen: 13.378 ppbv
 RT: 17.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 27 Apr 2021 5:14

Tot Ion:1
 Ion Rati
 146 100
 111 48.
 148 64.

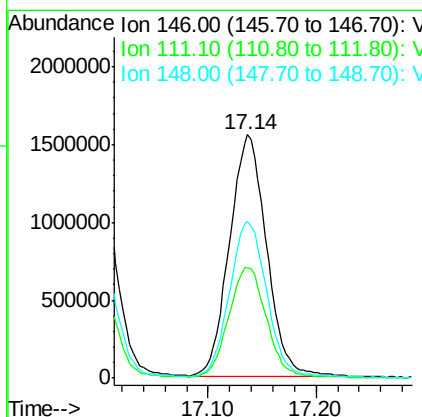
Manual Integrations
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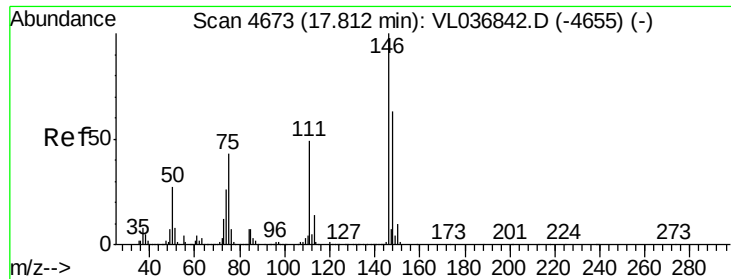
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 13.226 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.00 min
 Lab File: VL036848.D
 Acq: 27 Apr 2021 5:14

Tgt Ion:146 Resp: 3713138
 Ion Ratio Lower Upper
 146 100
 111 46.8 24.0 72.0
 148 66.3 32.8 98.3





#77

1,2-Dichlorobenzene

Concen: 13.666 ppbv

RT: 17.82

Delta R.T. MSVOA_L

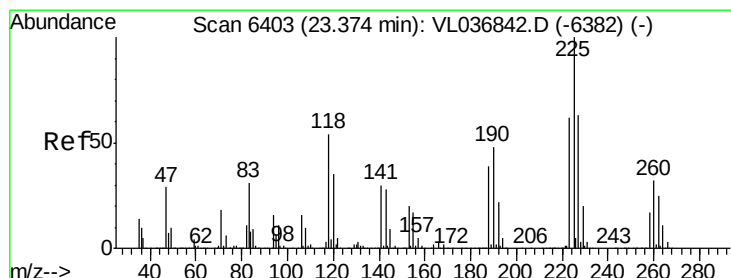
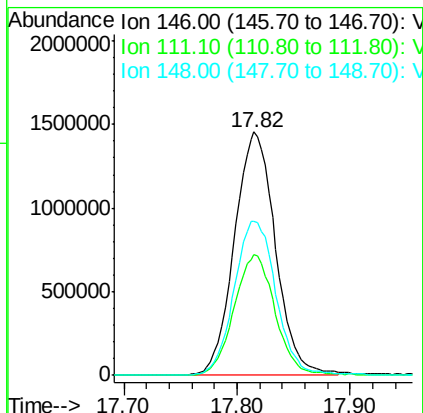
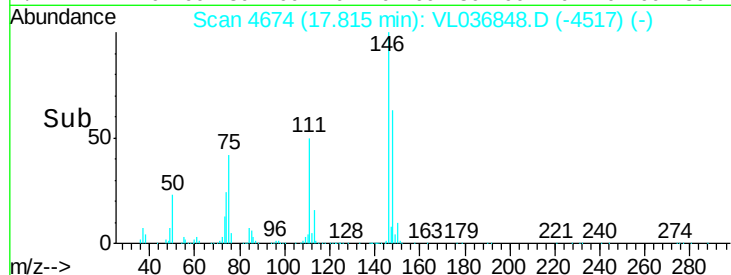
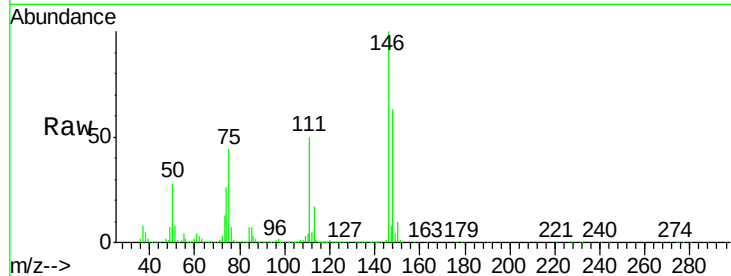
Lab File: ClientSampleId :

Acq: 27 Apr 2021 5:14

Tot Ion:1
Ion Rati
146 100
111 50.
148 65.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 11.745 ppbv

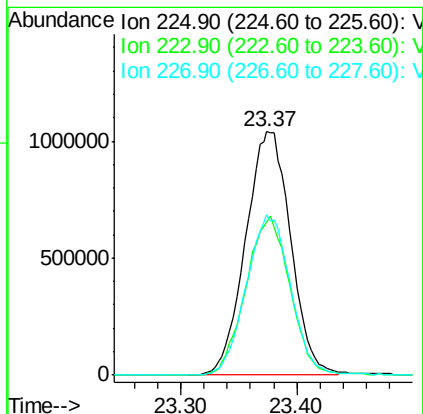
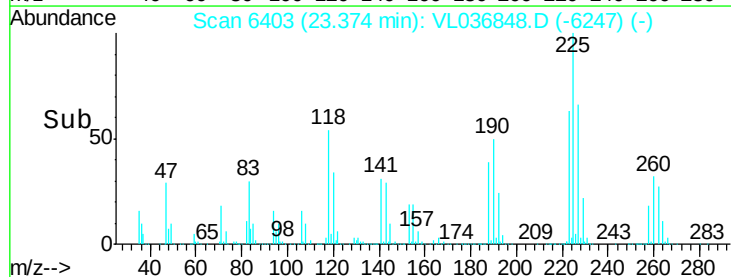
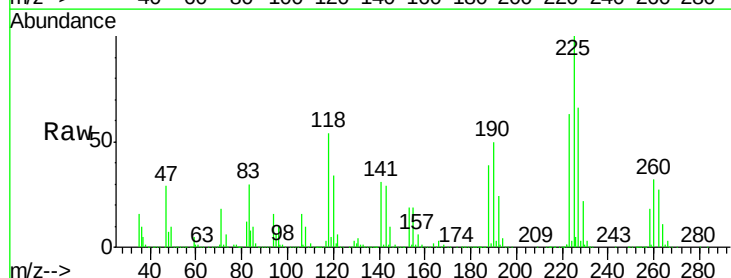
RT: 23.37 min Scan# 6403

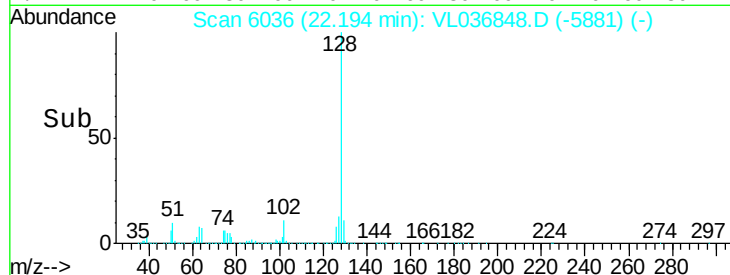
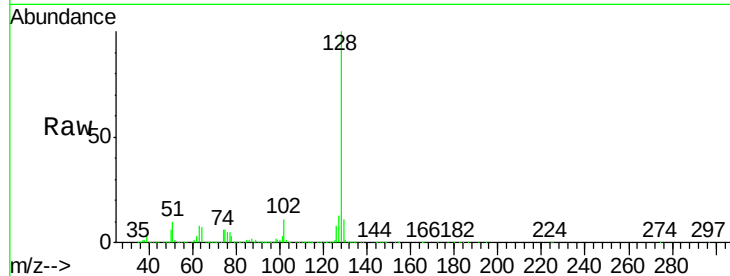
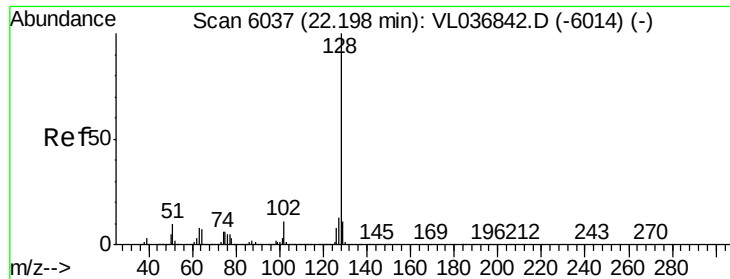
Delta R.T. 0.00 min

Lab File: VL036848.D

Acq: 27 Apr 2021 5:14

Tgt Ion:225 Resp: 2807208
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 65.1 51.9 77.9



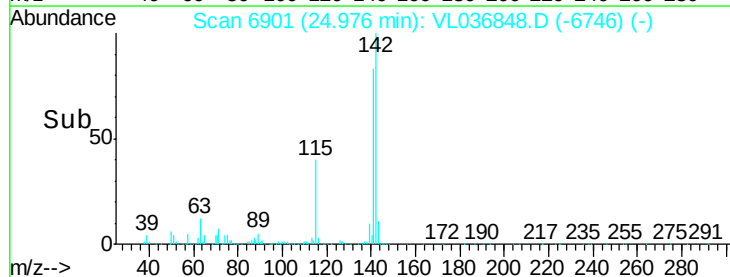
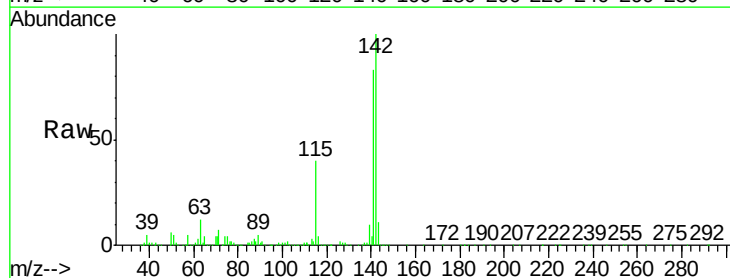
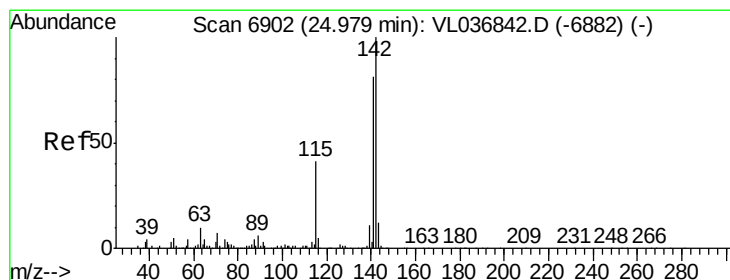
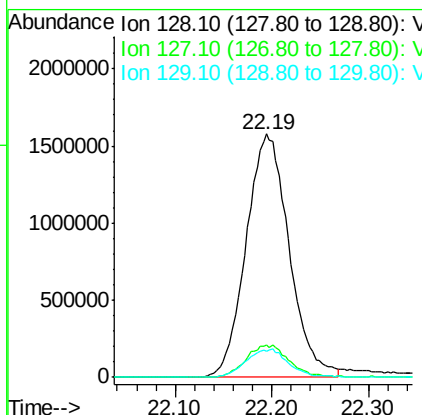


#79
Naphthalene
Concen: 16.845 ppbv
RT: 22.19 min
Instrument: MSVOA_L
Delta R.T.: -0.00 min
Lab File: ClientSampleId : VSTDIC015
Acq: 27 Apr 2021 5:14

Tot Ion: 1
Ion Ratio
128 100
127 13.
129 10.

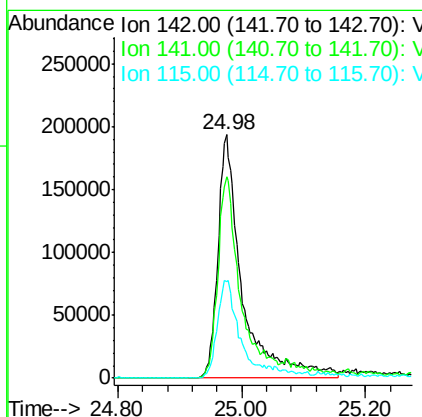
Manual Integrations
APPROVED

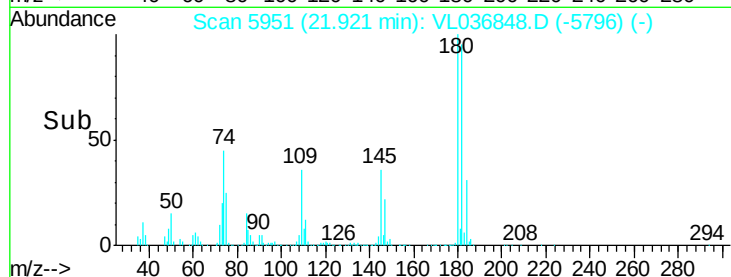
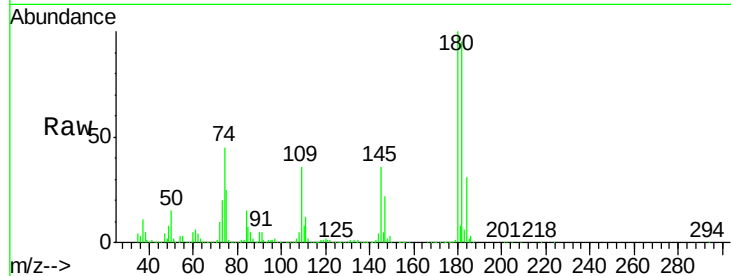
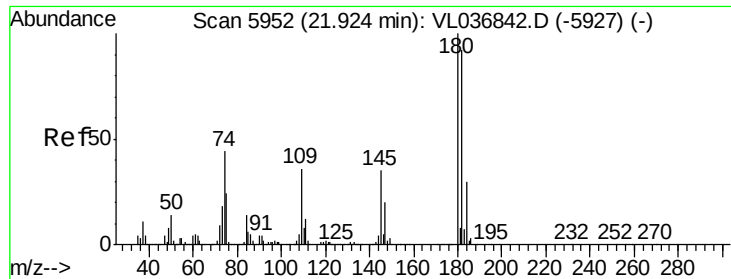
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#80
Naphthalene, 2-methyl-
Concen: 10.942 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: -0.00 min
Lab File: VL036848.D
Acq: 27 Apr 2021 5:14

Tgt Ion: 142 Resp: 532113
Ion Ratio Lower Upper
142 100
141 84.6 67.8 101.8
115 39.8 32.1 48.1





#81

1,2,4-Trichlorobenzene

Concen: 15.027 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 27 Apr 2021 3.14

Tot Ion:1

Ion Rati

180 100

182 98.

184 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021

