

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042721\
 Data File : VL036844.D
 Acq On : 27 Apr 2021 2:44
 Operator : SY/AP
 Sample : VSTDIC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Quant Time: Apr 27 09:02:38 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1532863	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3897577	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3537522	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2840289	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	270144	1.084	ppbv	99
3) Chlorodifluoromethane	2.99	51	306848	1.073	ppbv	99
4) Chloromethane	3.14	50	92575	0.927	ppbv #	85
5) Vinyl Chloride	3.25	62	95915	0.936	ppbv	92
6) Bromomethane	3.47	94	52494	0.936	ppbv	92
7) Chloroethane	3.56	64	30227	0.862	ppbv	89
8) Dichlorotetrafluoroethane	3.18	85	235386	1.000	ppbv	97
9) Propene	3.01	41	89369	0.986	ppbv	96
10) Heptane	8.11	43	215892	0.935	ppbv	95
11) Trichlorofluoromethane	3.94	101	230369	0.926	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	143973	0.901	ppbv	89
13) Ethanol	3.63	45	13282m	1.266	ppbv	
14) Bromoethene	3.74	108	60627	0.918	ppbv #	94
15) Acetone	3.86	43	170572m	1.154	ppbv	
16) 1,3-Butadiene	3.32	39	102884m	1.001	ppbv	
17) tert-Butyl alcohol	4.32	59	136700m	1.056	ppbv	
18) 1,1-Dichloroethene	4.28	96	62236	0.884	ppbv	93
19) Isopropyl Alcohol	4.00	45	80740m	1.002	ppbv	
20) Methylene Chloride	4.34	84	82749m	1.204	ppbv	
21) Allyl Chloride	4.41	41	110921	0.949	ppbv	93
22) trans-1,2-Dichloroethene	4.88	96	69620	1.050	ppbv	96
23) Vinyl Acetate	5.08	43	207574	0.834	ppbv #	94
24) 1,1-Dichloroethane	5.01	63	143737	0.811	ppbv	98
25) Ethyl Acetate	5.68	43	385503	1.079	ppbv	98
26) Hexane	5.68	57	179829	1.094	ppbv	96
27) Carbon Disulfide	4.55	76	140391	0.870	ppbv #	92
28) Methyl tert-Butyl Ether	5.04	73	146433	0.788	ppbv	96
29) Chloroform	5.74	83	268774	1.012	ppbv	93
30) Cyclohexane	7.12	84	130860	0.977	ppbv	93
31) cis-1,2-Dichloroethene	5.54	61	155786	0.983	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	274769	1.027	ppbv	99
34) 2-Butanone	5.25	43	158364	0.849	ppbv	94
35) Carbon Tetrachloride	7.01	117	271520	0.912	ppbv	98
36) Benzene	6.88	78	346623	0.975	ppbv	96
37) 1,2-Dichloroethane	6.30	62	189466	0.908	ppbv #	95
38) Trichloroethene	7.83	130	127928m	0.918	ppbv	
39) 1,2-Dichloropropane	7.61	63	135538	0.944	ppbv	90
40) 1,4-Dioxane	7.87	88	36347m	1.074	ppbv	
41) Tetrahydrofuran	6.07	42	74732m	0.876	ppbv	
42) Bromodichloromethane	7.78	83	259889	0.917	ppbv	97
43) Methyl Methacrylate	8.01	69	102749m	0.867	ppbv	

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC001

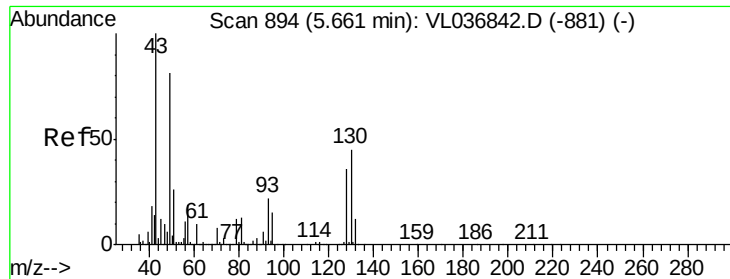
Manual Integrations
 APPROVED

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

Quant Time: Apr 27 09:02:38 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	7.86	57	608930	0.971	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	101957m	0.755	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	132423m	0.769	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	144160m	0.984	ppbv	
48) Dibromochloromethane	10.30	129	191539	0.862	ppbv	95
49) Bromoform	13.04	173	152788m	0.852	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	227774	0.845	ppbv	100
51) 2-Hexanone	10.16	43	101679m	0.753	ppbv	
52) Tetrachloroethene	11.22	164	119465m	0.909	ppbv	
53) Toluene	9.80	91	345750	0.915	ppbv	100
54) 1,2-Dibromoethane	10.61	107	206070m	0.999	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	160638	1.022	ppbv #	1
57) Chlorobenzene	12.14	112	295697	0.995	ppbv	98
58) Ethyl Benzene	12.71	91	464834	0.921	ppbv	91
59) m/p-Xylene	12.99	91	871773m	1.975	ppbv	
60) o-Xylene	13.69	91	428843	1.005	ppbv	100
61) Styrene	13.52	104	158960	0.747	ppbv	92
62) Isopropylbenzene	14.66	105	569796	0.992	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	337582	1.027	ppbv	99
64) n-propylbenzene	15.55	120	138177m	0.981	ppbv	
65) tert-Butylbenzene	16.74	119	520153	1.037	ppbv	96
66) Benzyl Chloride	16.99	91	39328m	0.733	ppbv	
67) sec-Butylbenzene	17.29	105	716639	1.013	ppbv	99
69) p-Isopropyltoluene	17.65	119	566809	1.024	ppbv	97
70) n-Butylbenzene	18.55	91	552658	0.963	ppbv	98
71) 2-Chlorotoluene	15.45	91	415926	0.965	ppbv	100
72) 4-Ethyltoluene	15.84	105	435838	0.927	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	423261	0.965	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	469970	0.997	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	272932	1.028	ppbv	98
76) 1,4-Dichlorobenzene	17.13	146	277492m	1.054	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	268868m	1.074	ppbv	
78) Hexachloro-1,3-Butadiene	23.38	225	239141	1.066	ppbv	96
79) Naphthalene	22.21	128	181551	0.670	ppbv #	94
80) Naphthalene, 2-methyl-	25.00	142	19986m	0.438	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	155487m	0.927	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

49 100

128 48.1

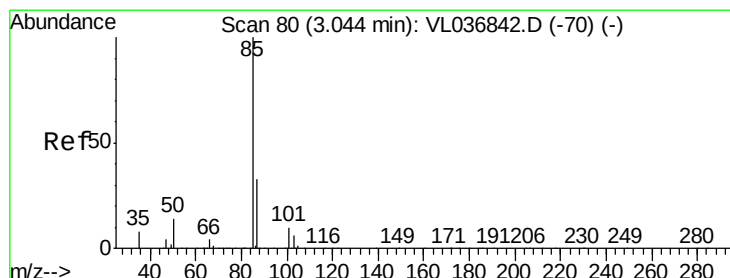
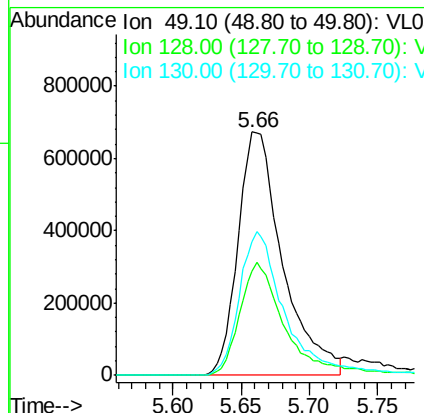
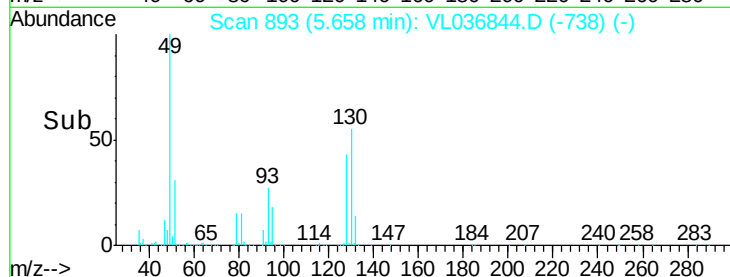
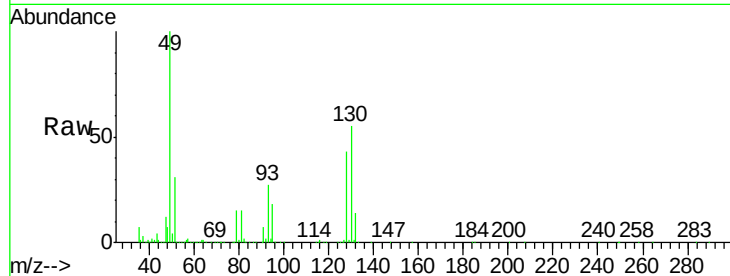
130 61.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#2

Dichlorodifluoromethane

Concen: 1.084 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL036844.D

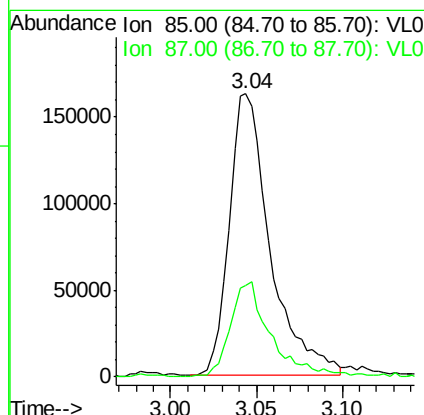
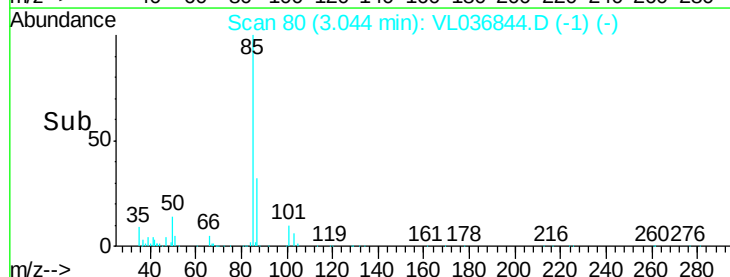
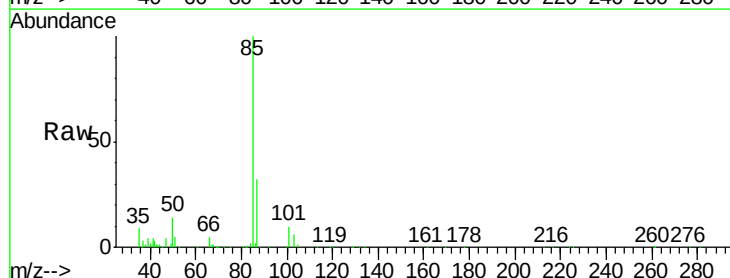
Acq: 27 Apr 2021 2:44

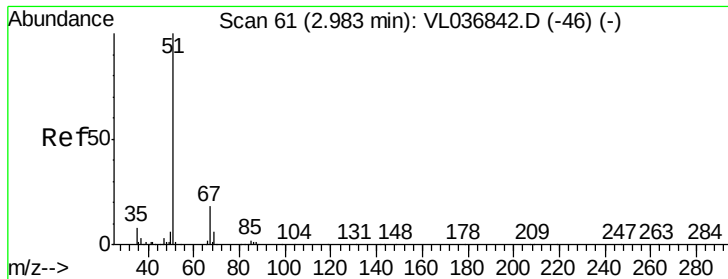
Tgt Ion: 85 Resp: 270144

Ion Ratio Lower Upper

85 100

87 32.4 26.2 39.2





#3

Chlorodifluoromethane

Concen: 1.073 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

51 100

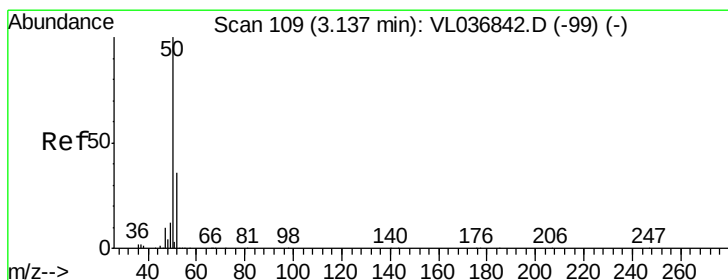
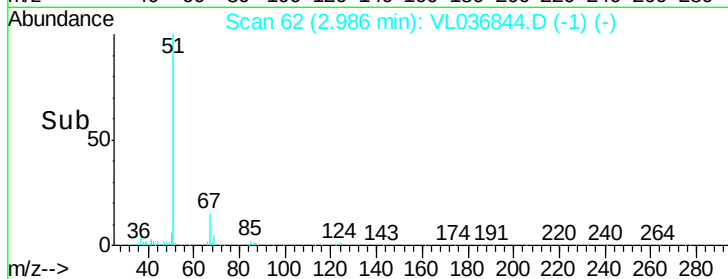
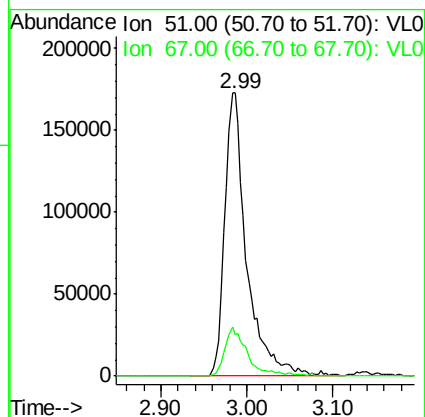
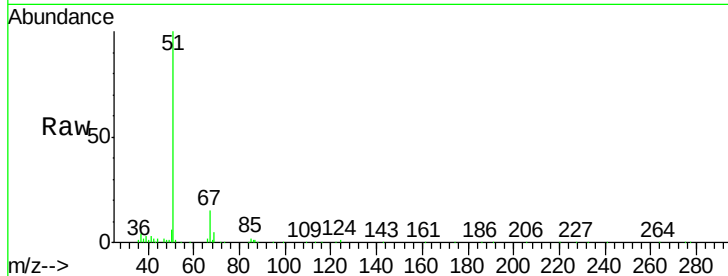
67 17.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#4

Chloromethane

Concen: 0.927 ppbv

RT: 3.14 min Scan# 109

Delta R.T. 0.00 min

Lab File: VL036844.D

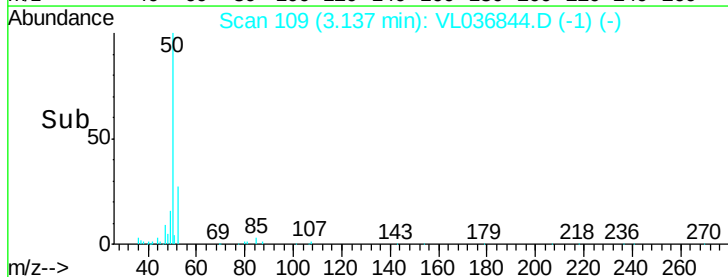
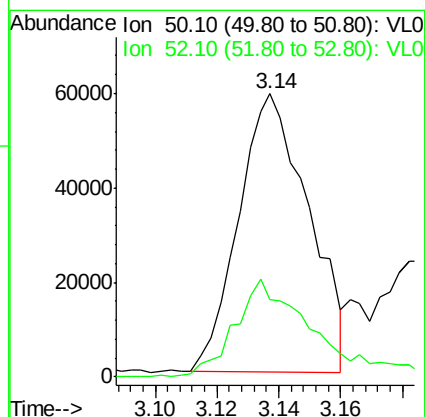
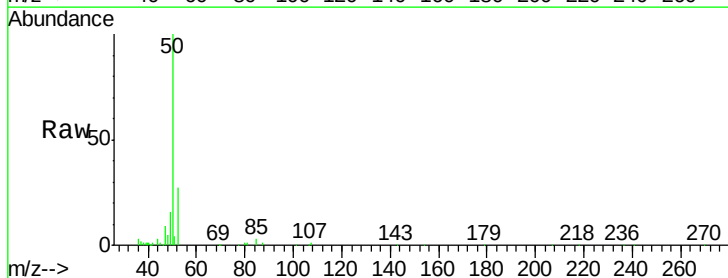
Acq: 27 Apr 2021 2:44

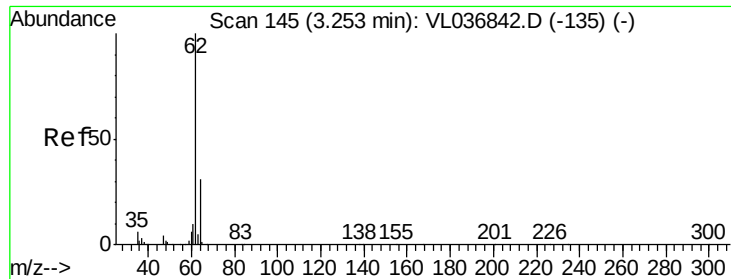
Tgt Ion: 50 Resp: 92575

Ion Ratio Lower Upper

50 100

52 26.6 28.5 42.7#





#5

Vinyl Chloride

Concen: 0.936 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

62 100

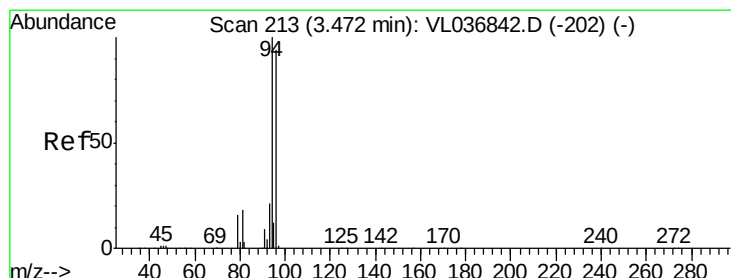
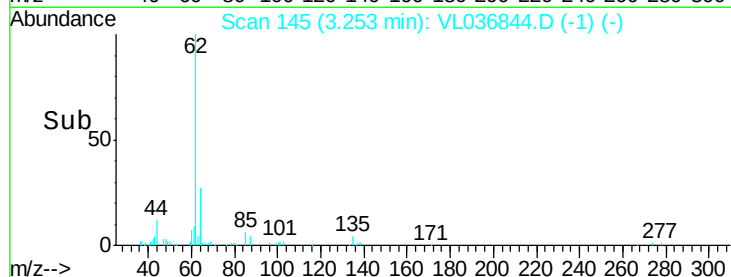
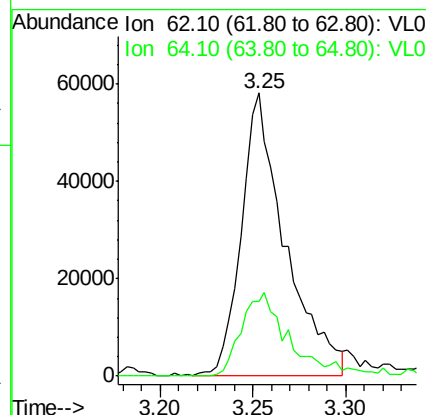
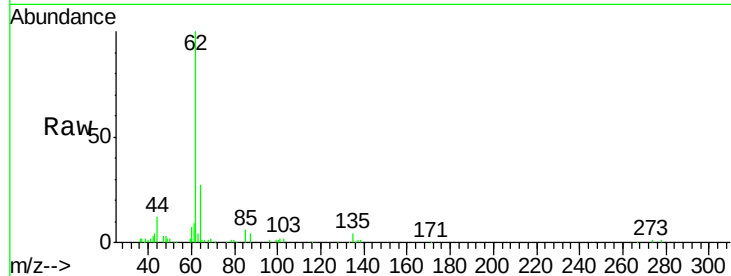
64 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#6

Bromomethane

Concen: 0.936 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036844.D

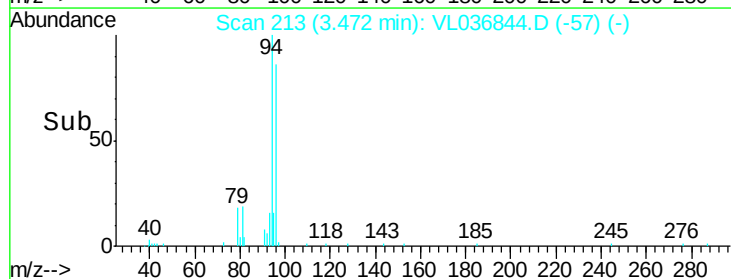
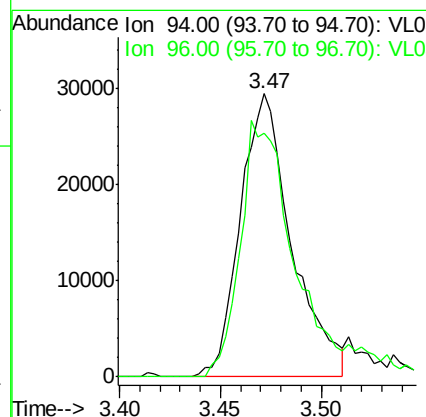
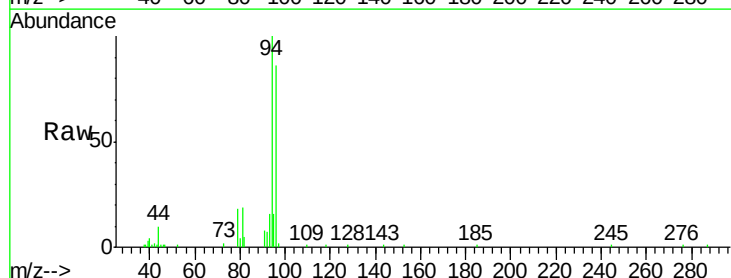
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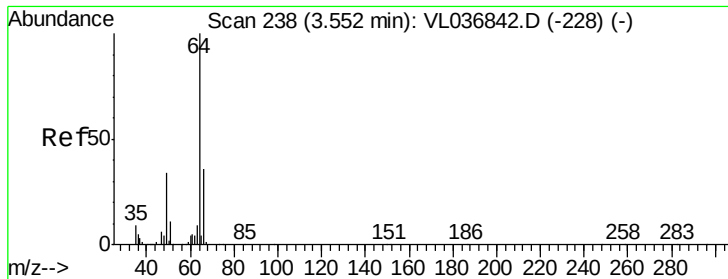
Tgt Ion: 94 Resp: 52494

Ion Ratio Lower Upper

94 100

96 86.1 75.4 113.0





#7

Chloroethane

Concen: 0.862 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44 VSTDIC001

Tot Ion:

Ion Ratio

64 100

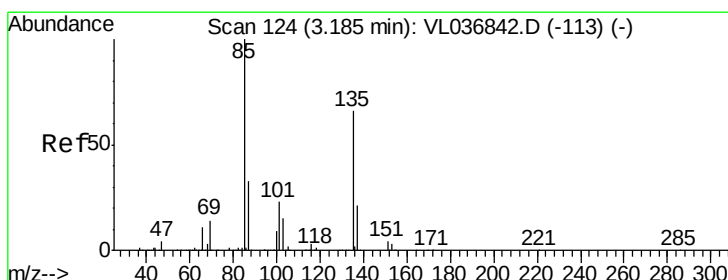
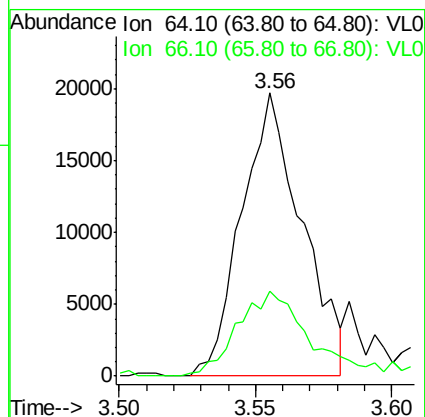
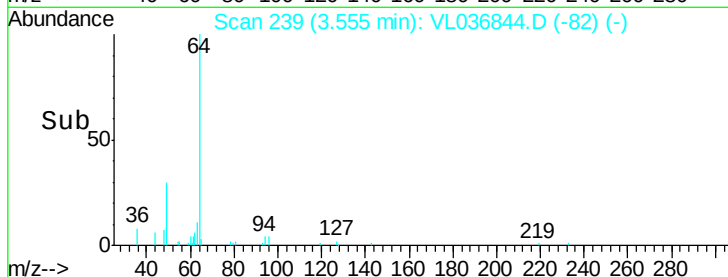
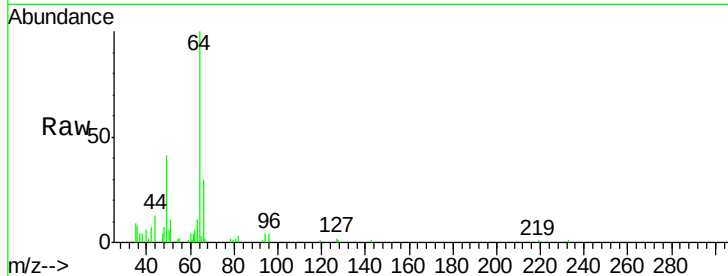
66 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#8

Dichlorotetrafluoroethane

Concen: 1.000 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036844.D

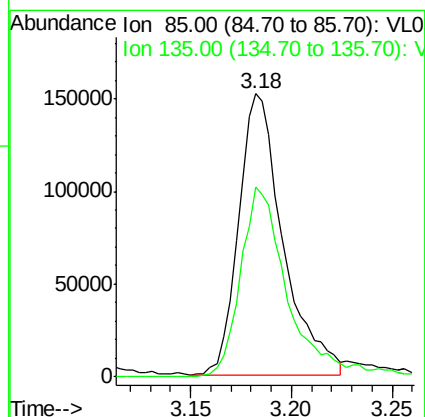
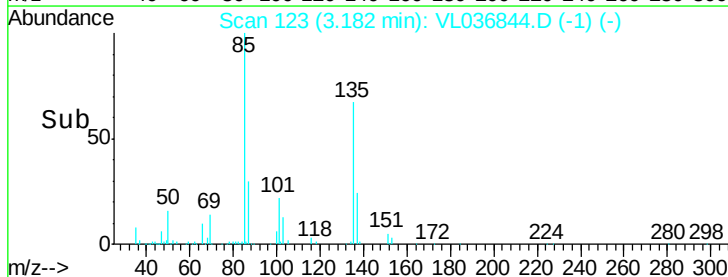
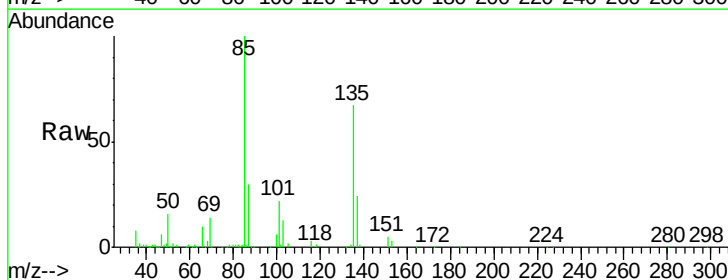
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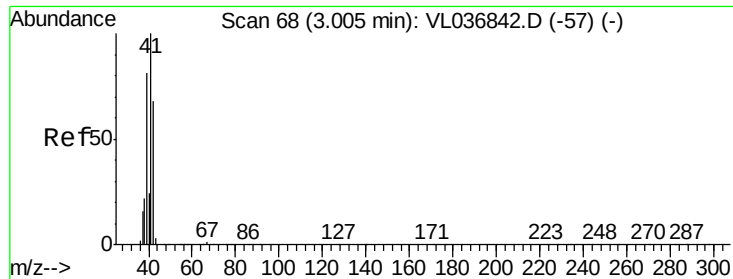
Tgt Ion: 85 Resp: 235386

Ion Ratio Lower Upper

85 100

135 72.6 56.2 84.4



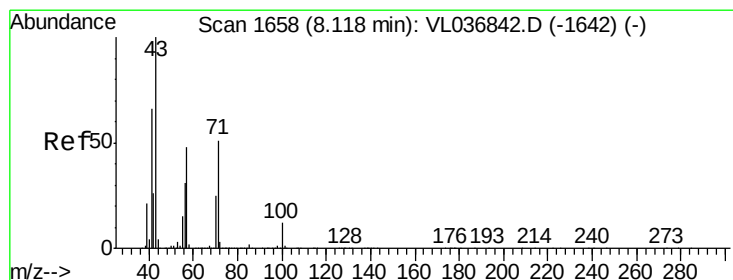
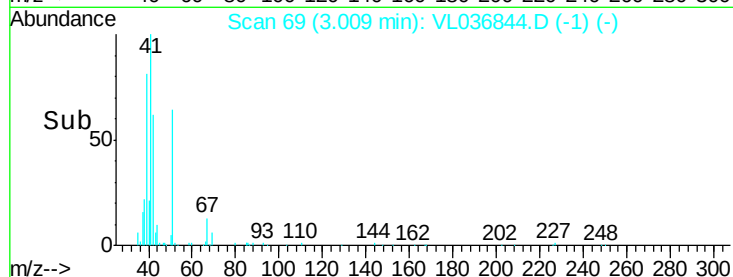
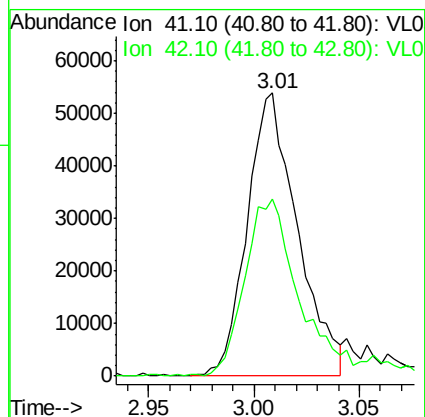
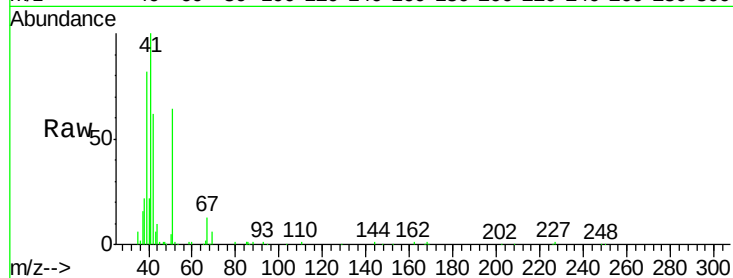


#9
 Propene
 Concen: 0.986 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 41 100
 42 73.

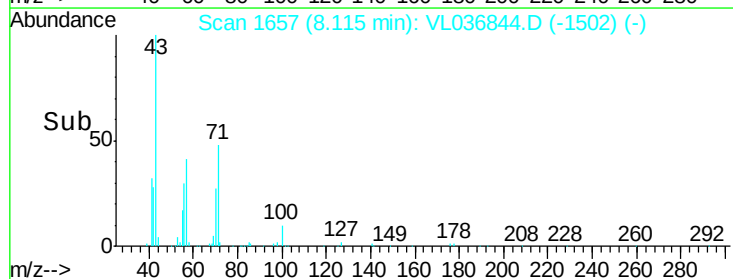
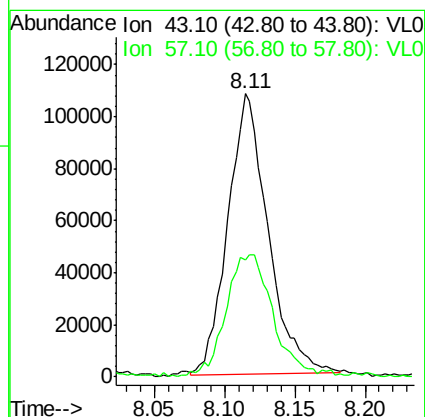
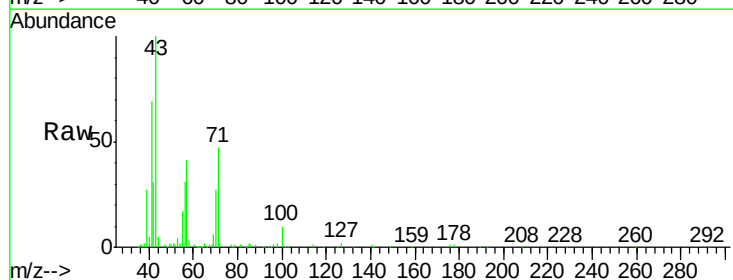
Manual Integrations
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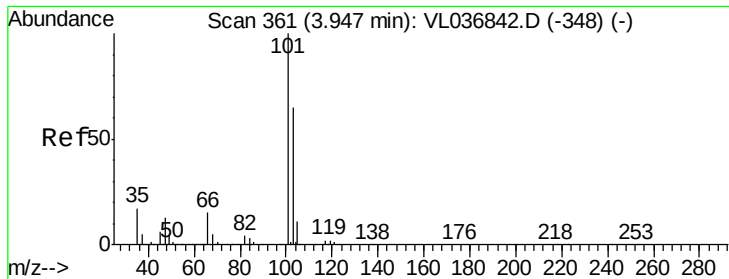
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#10
 Heptane
 Concen: 0.935 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 43 Resp: 215892
 Ion Ratio Lower Upper
 43 100
 57 52.4 39.0 58.6



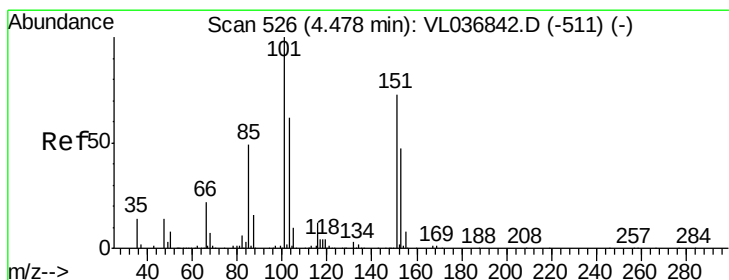
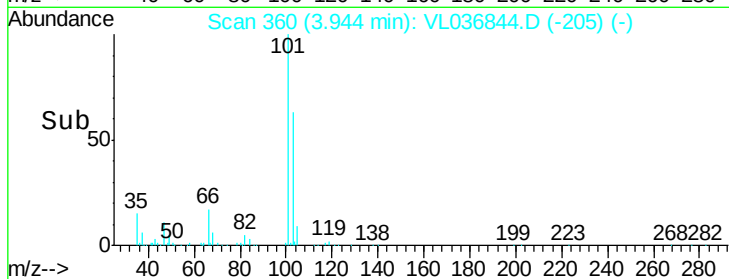
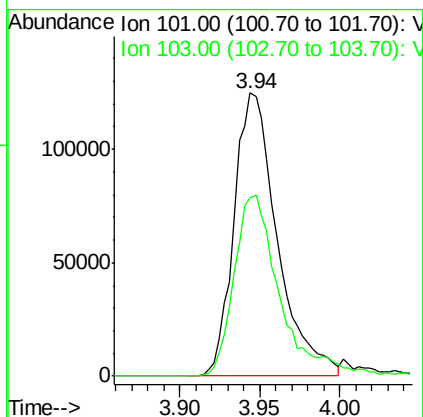
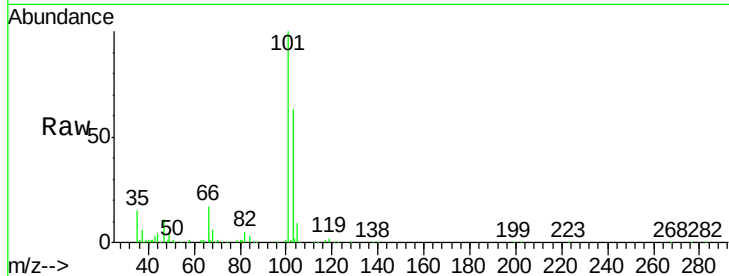


#11
 Trichlorofluoromethane
 Concen: 0.926 ppbv
 RT: 3.94
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:1
 Ion Rati
 101 100
 103 62.

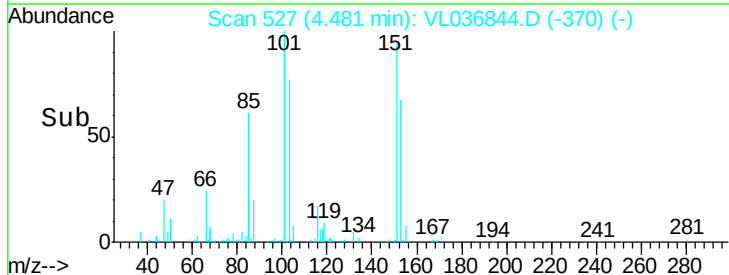
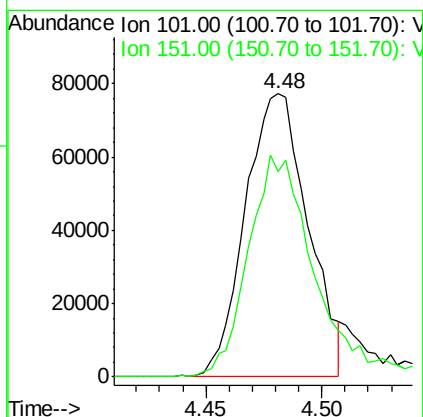
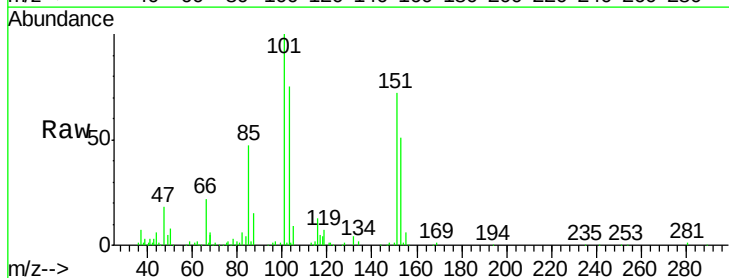
Manual Integrations
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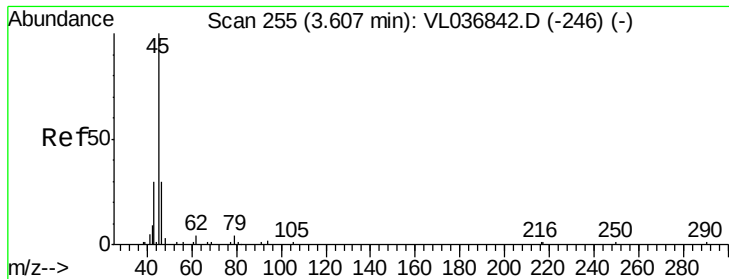
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.901 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:101 Resp: 143973
 Ion Ratio Lower Upper
 101 100
 151 85.8 61.1 91.7





#13

Ethanol

Concen: 1.266 ppbv m

RT: 3.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44 VSTDIC001

Tot Ion:

Ion Ratio

45 100

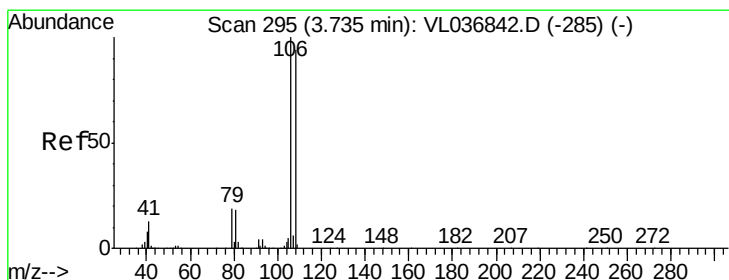
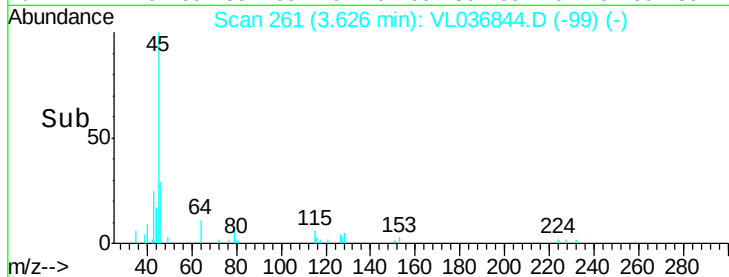
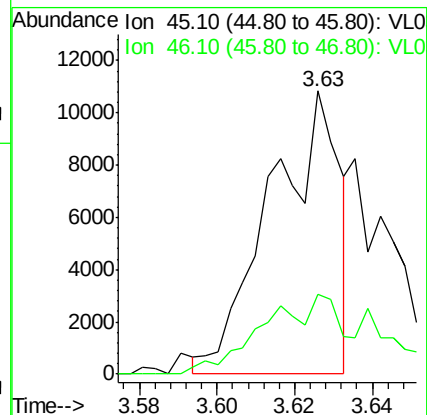
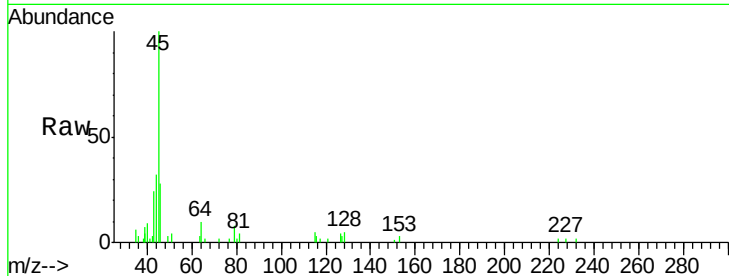
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#14

Bromoethene

Concen: 0.918 ppbv

RT: 3.74 min Scan# 296

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

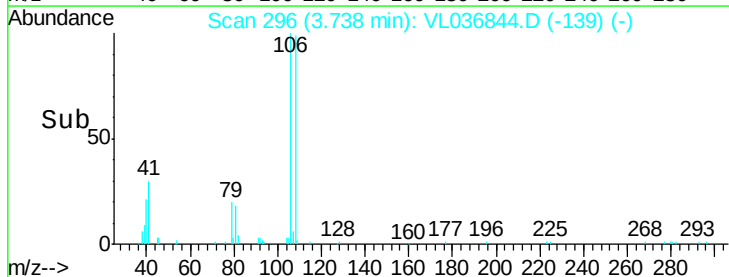
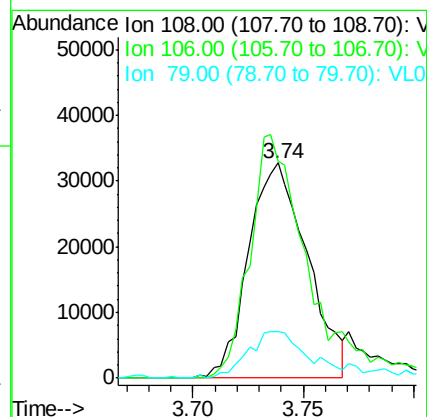
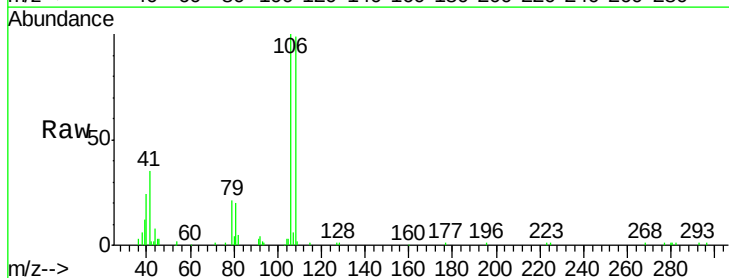
Tgt Ion:108 Resp: 60627

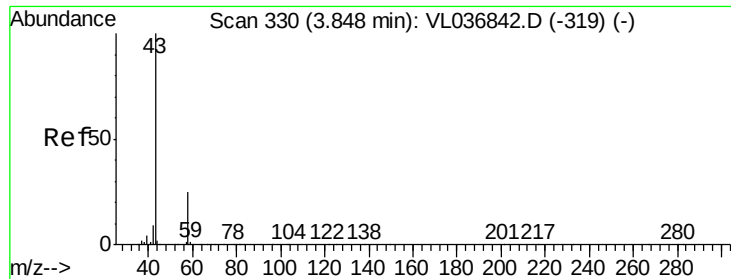
Ion Ratio Lower Upper

108 100

106 116.1 88.5 132.7

79 27.2 17.9 26.9#



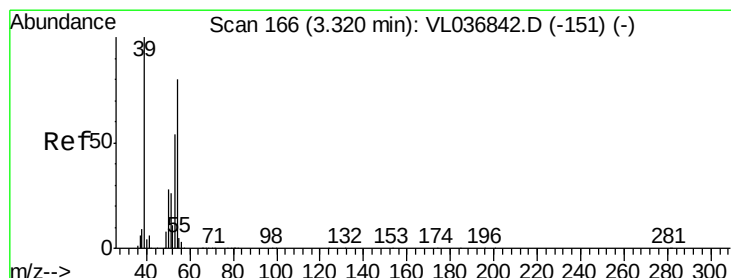
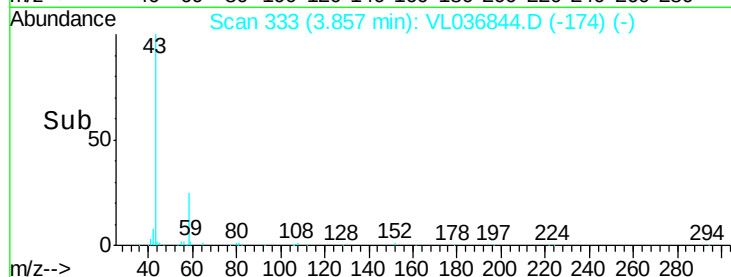
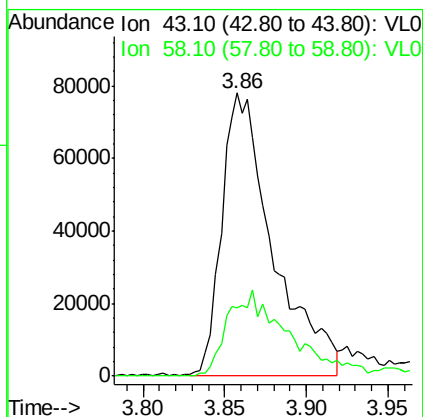
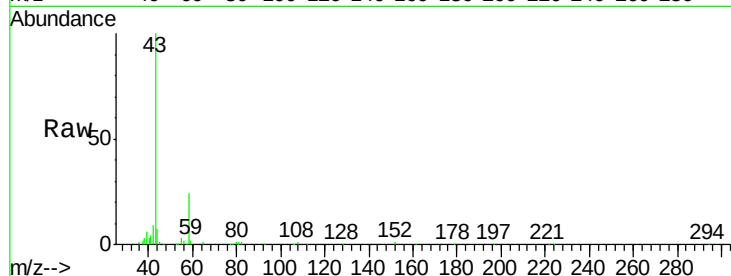


#15
Acetone
Concen: 1.154 ppbv m
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
43 100
58 38.

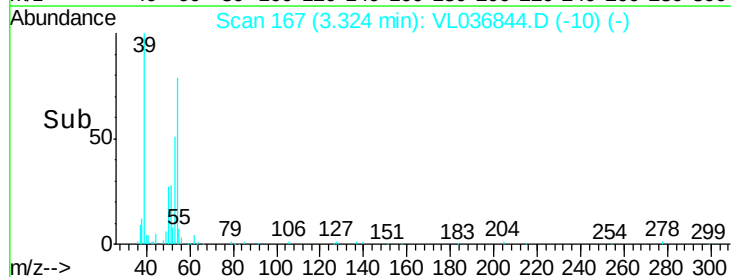
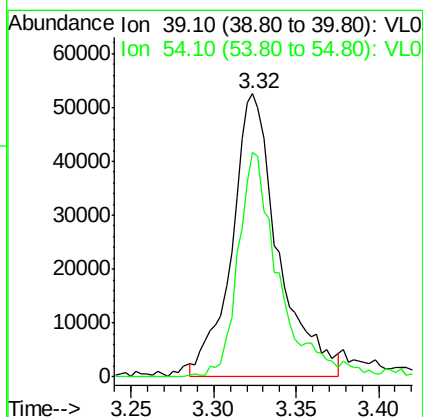
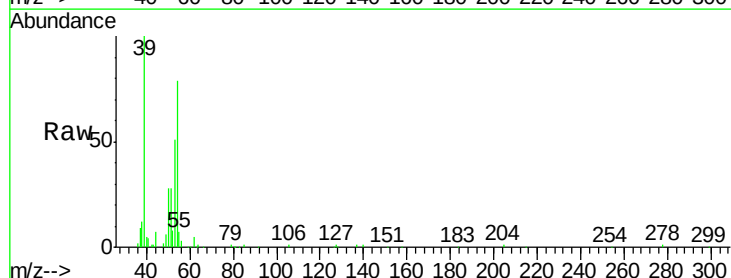
Manual Integrations
APPROVED

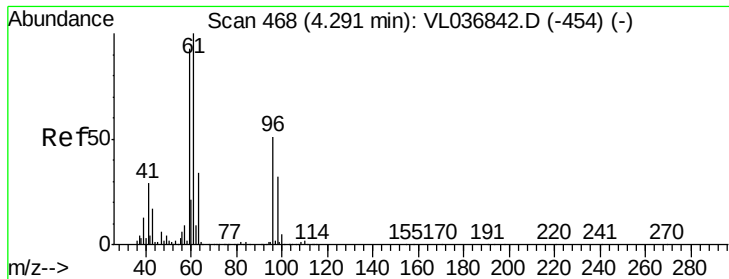
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#16
1,3-Butadiene
Concen: 1.001 ppbv m
RT: 3.32 min Scan# 167
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 39 Resp: 102884
Ion Ratio Lower Upper
39 100
54 71.2 59.6 89.4





#17

tert-Butyl alcohol

Concen: 1.056 ppbv m

RT: 4.32 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

59 100

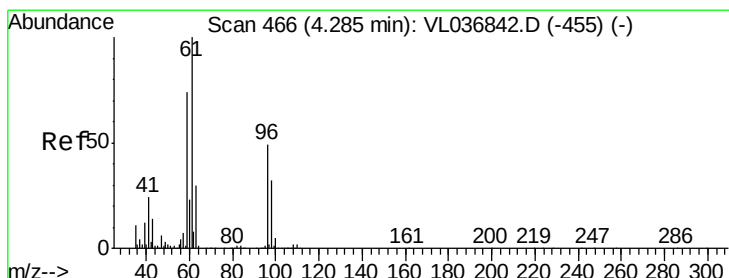
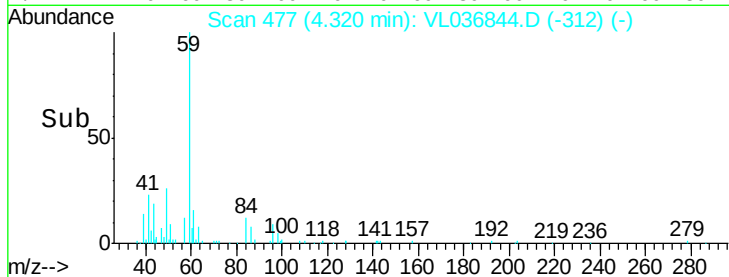
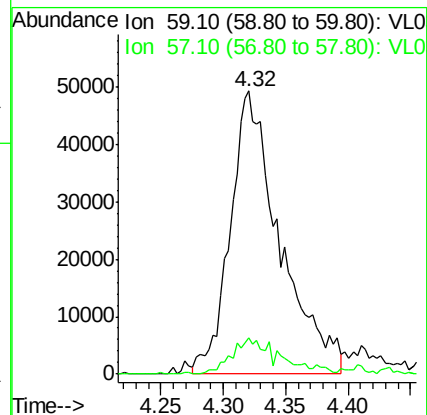
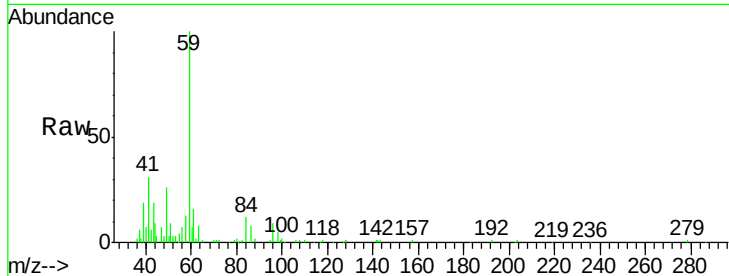
57 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#18

1,1-Dichloroethene

Concen: 0.884 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

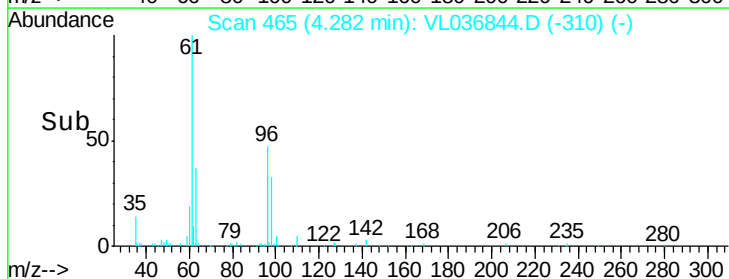
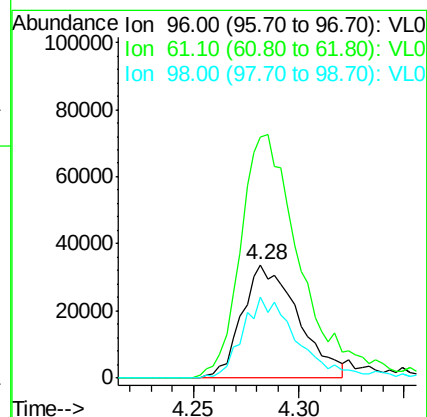
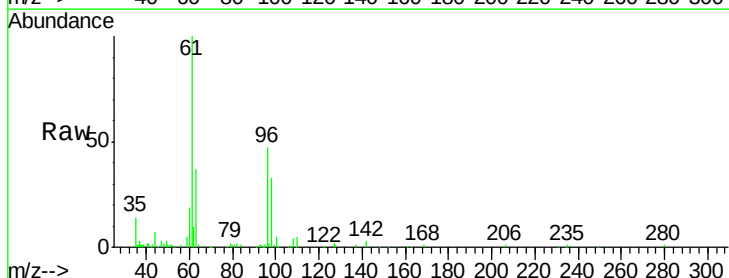
Tgt Ion: 96 Resp: 62236

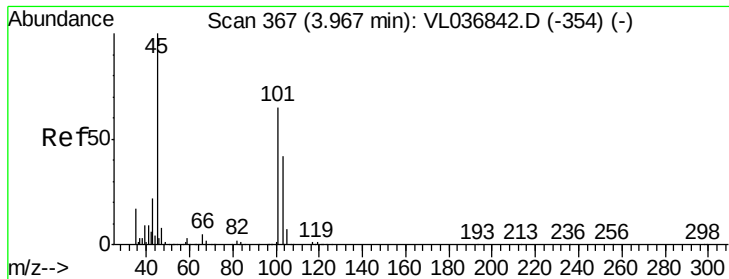
Ion Ratio Lower Upper

96 100

61 213.4 162.2 243.2

98 70.7 51.8 77.6



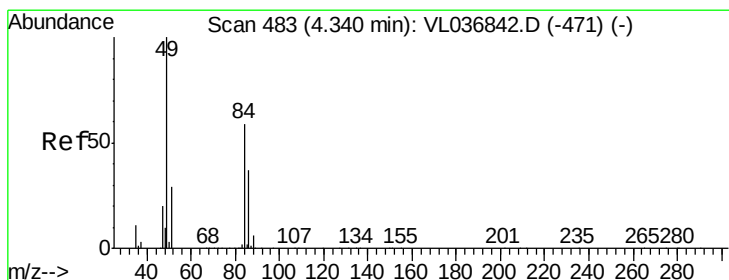
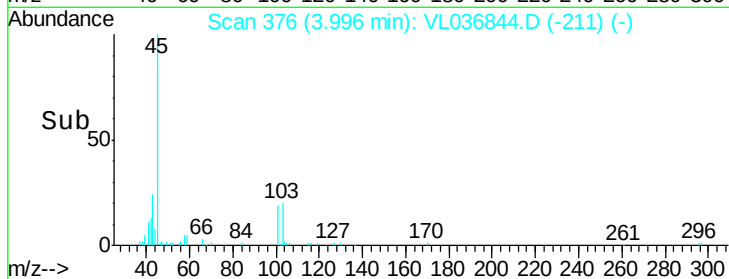
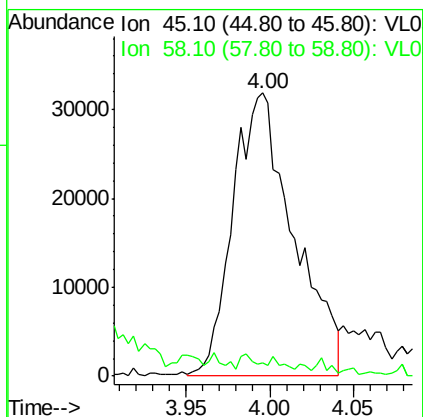
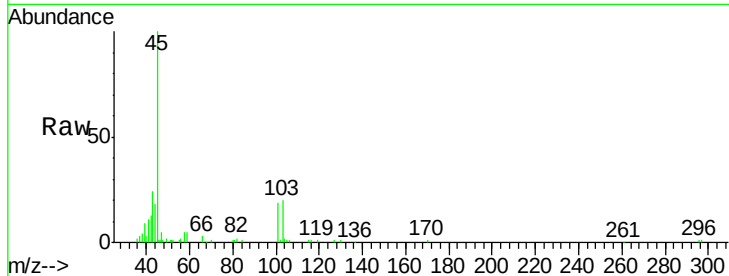


#19
Isopropyl Alcohol
Concen: 1.002 ppbv m
RT: 4.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
45 100
58 13.

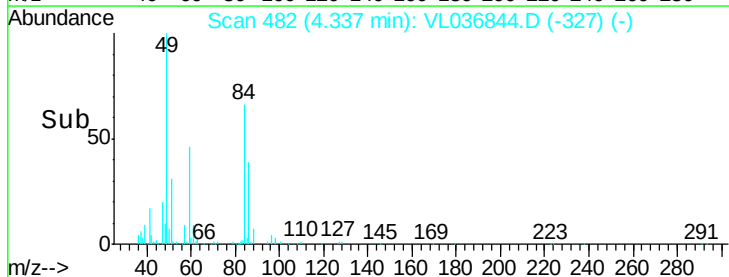
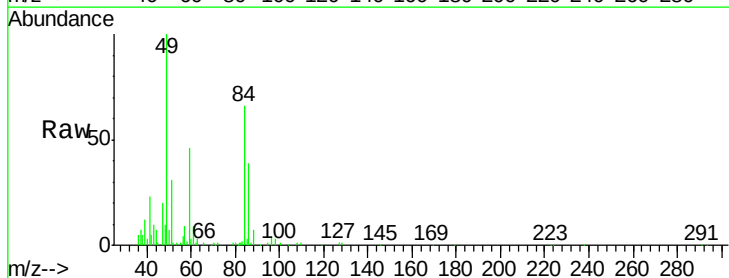
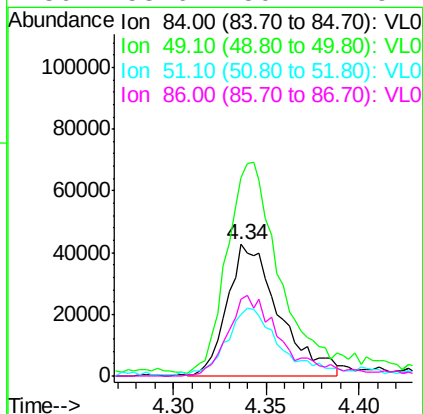
Manual Integrations
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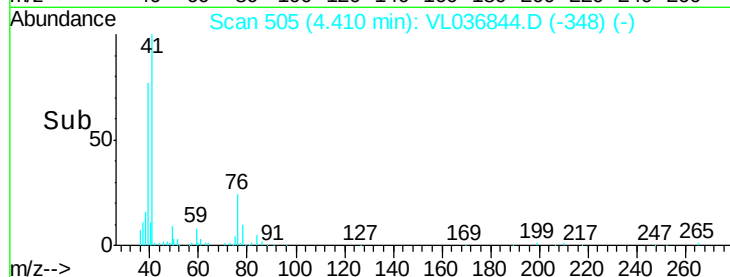
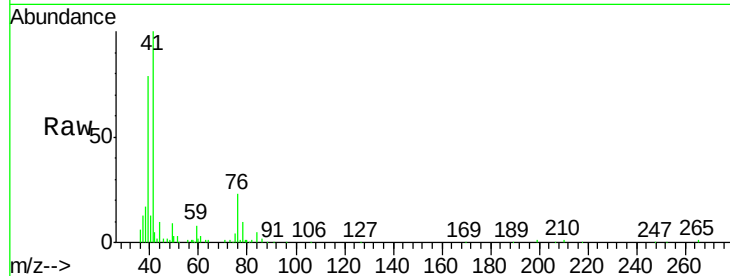
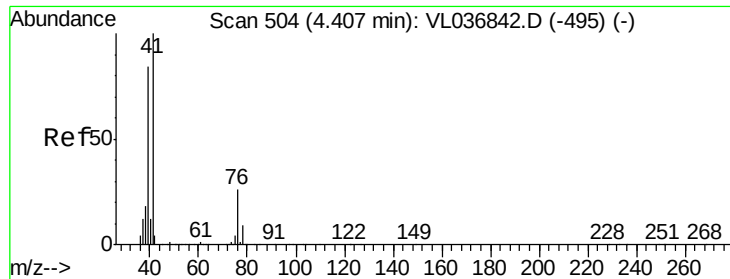
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#20
Methylene Chloride
Concen: 1.204 ppbv m
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 84 Resp: 82749
Ion Ratio Lower Upper
84 100
49 150.9 135.4 203.0
51 47.2 39.3 58.9
86 58.6 50.2 75.2



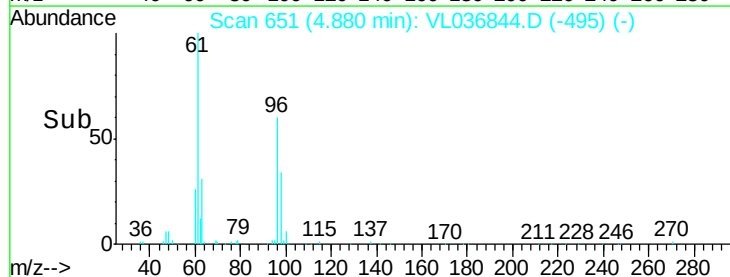
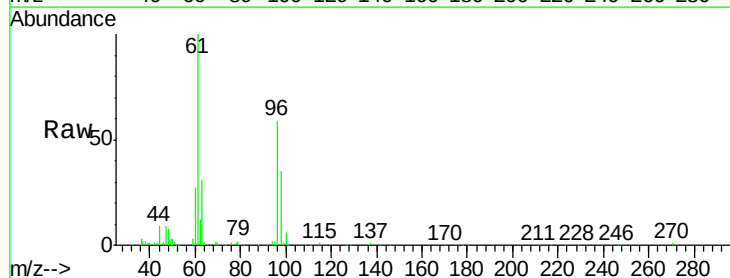
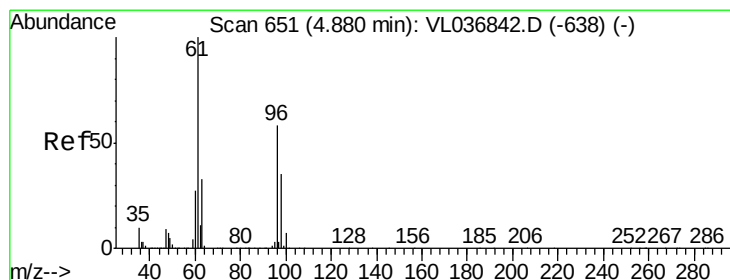
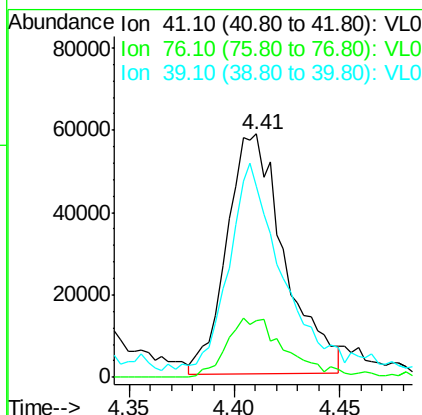


#21
 Allvl Chloride
 Concen: 0.949 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 41 100
 76 26.
 39 93.

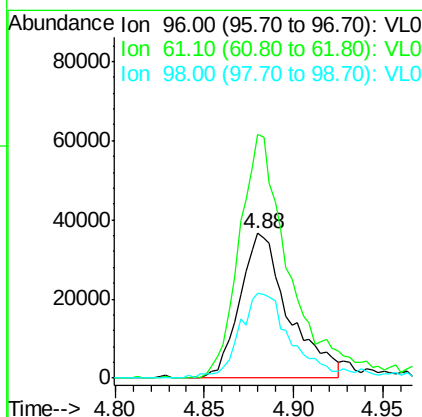
Manual Integrations
 APPROVED

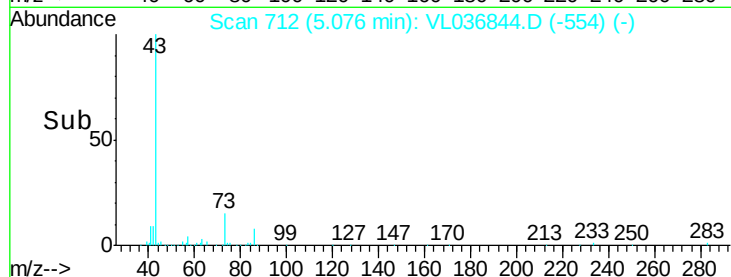
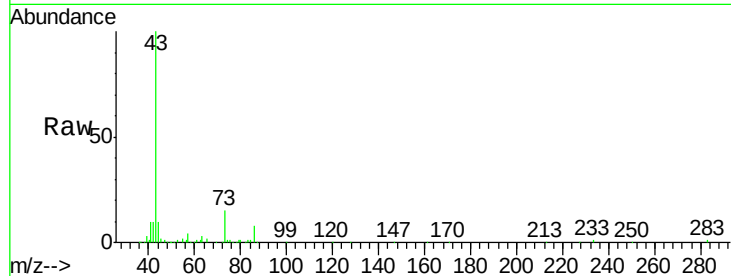
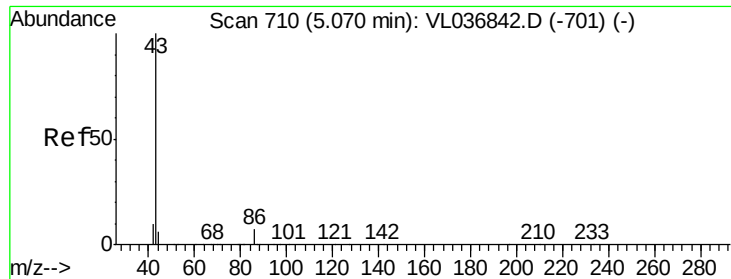
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 1.050 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 96 Resp: 69620
 Ion Ratio Lower Upper
 96 100
 61 168.2 138.6 207.8
 98 56.4 48.1 72.1



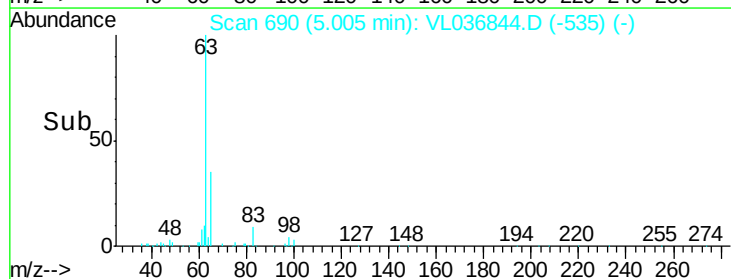
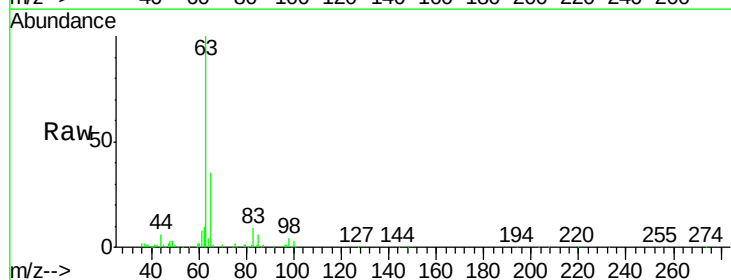
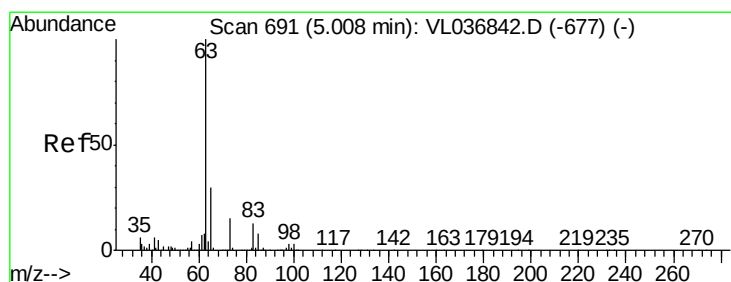
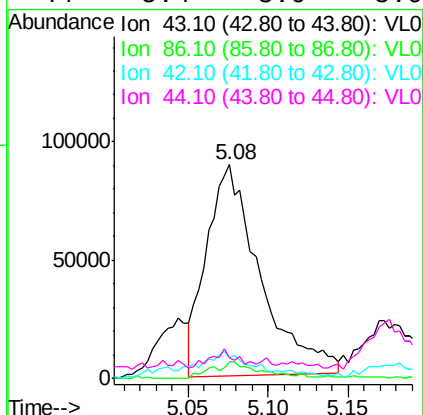


#23
 Vinyl Acetate
 Concen: 0.834 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 43 100
 86 8.
 42 7.
 44 5.4 3.9 5.9

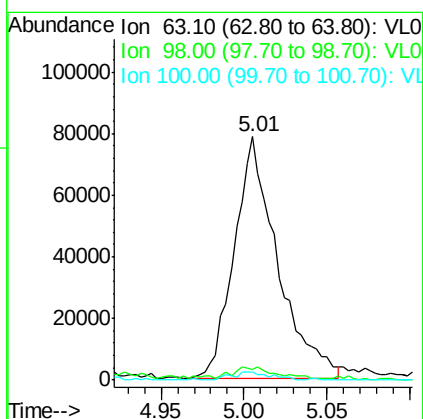
Manual Integrations
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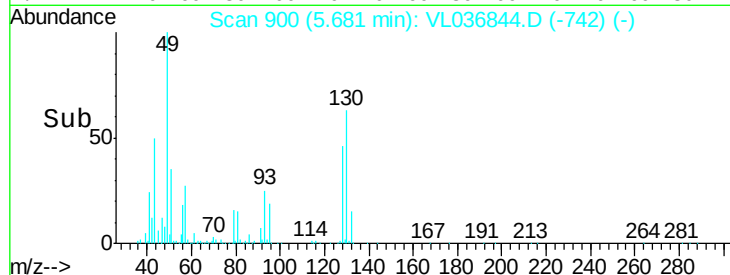
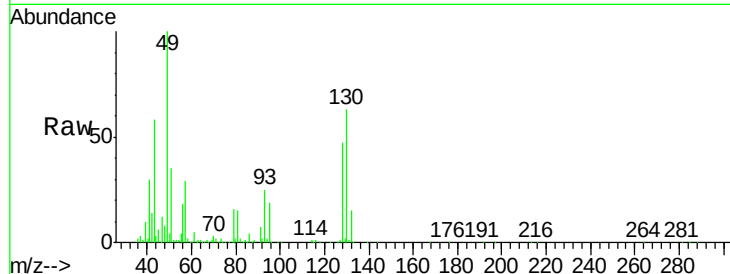
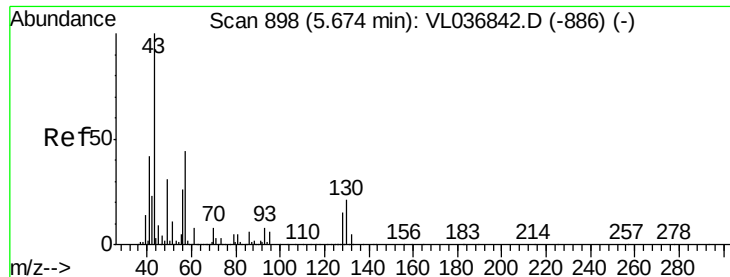
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#24
 1,1-Dichloroethane
 Concen: 0.811 ppbv
 RT: 5.01 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 63 Resp: 143737
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.7 5.1
 100 3.3 1.3 3.8



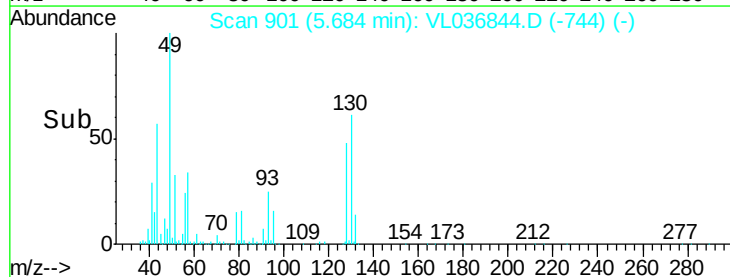
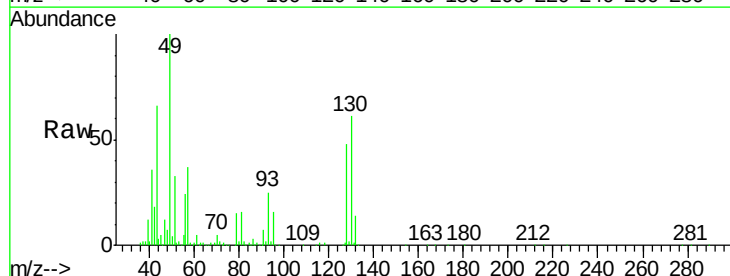
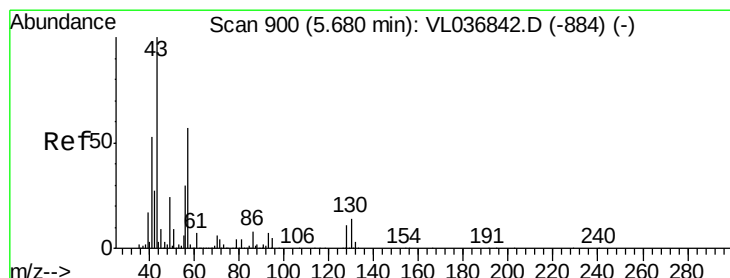
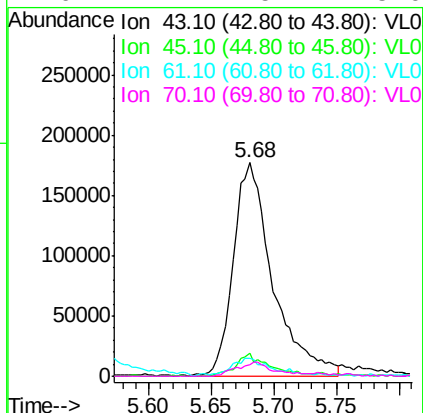


#25
Ethyl Acetate
Concen: 1.079 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.7 5.4 8.0

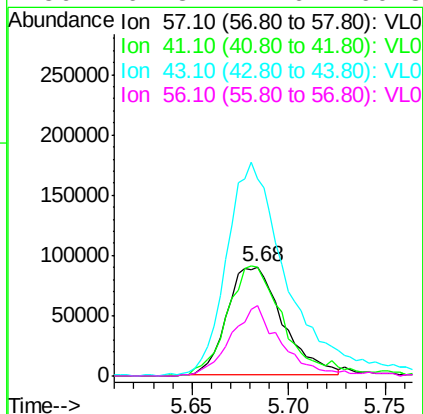
Manual Integrations
APPROVED

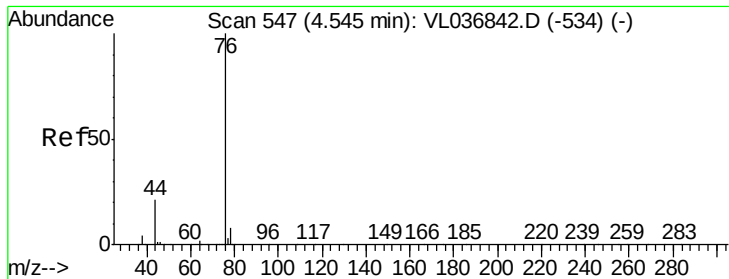
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#26
Hexane
Concen: 1.094 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 57 Resp: 179829
Ion Ratio Lower Upper
57 100
41 106.0 77.7 116.5
43 224.8 180.5 270.7
56 61.3 44.6 66.8



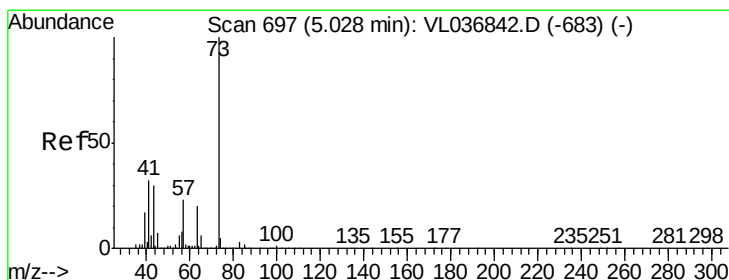
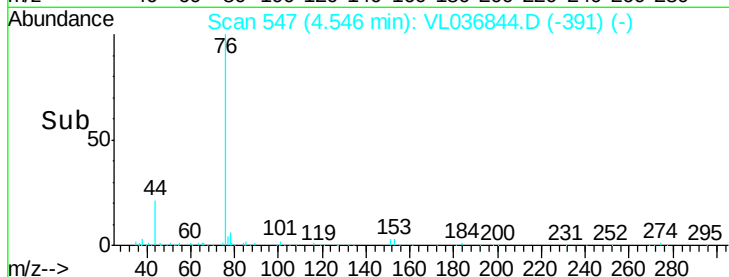
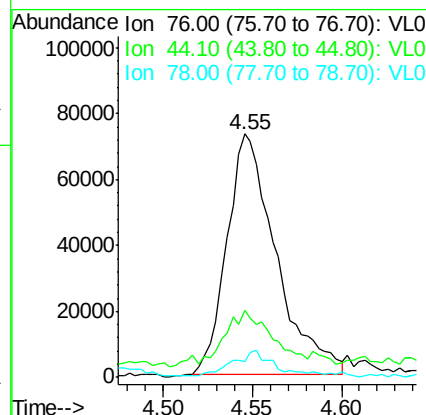
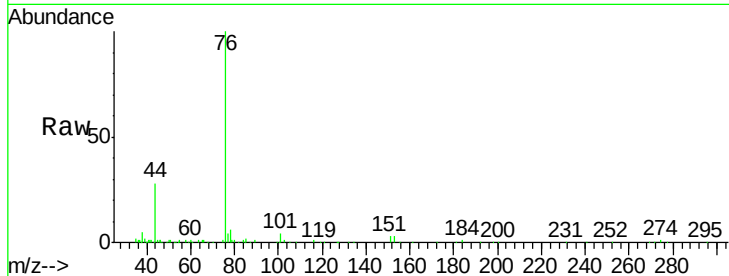


#27
Carbon Disulfide
Concen: 0.870 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
76 100
44 26.
78 11.

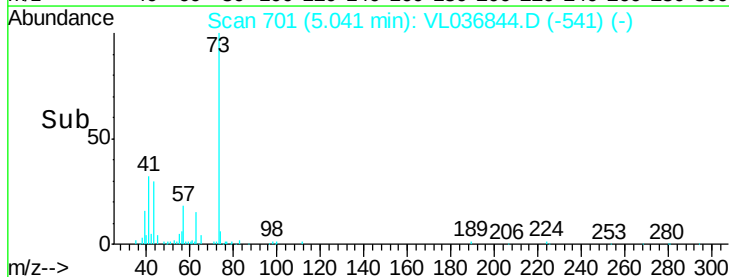
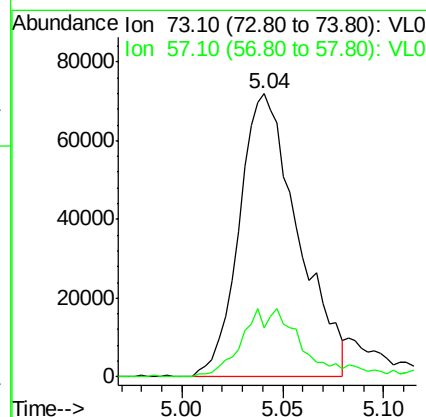
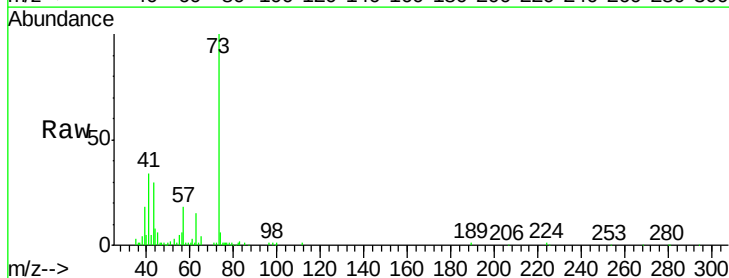
Manual Integrations
APPROVED

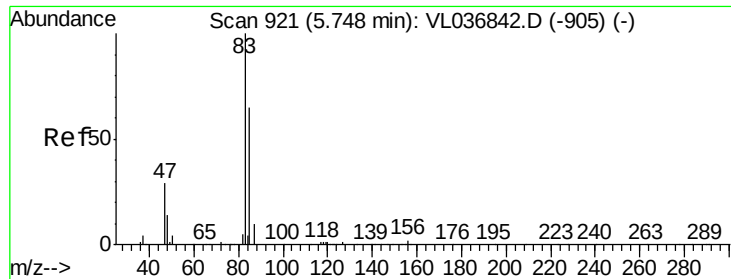
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#28
Methyl tert-Butyl Ether
Concen: 0.788 ppbv
RT: 5.04 min Scan# 701
Delta R.T. 0.01 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 73 Resp: 146433
Ion Ratio Lower Upper
73 100
57 25.9 19.0 28.6



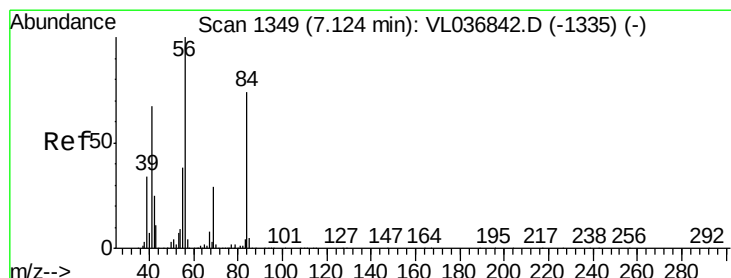
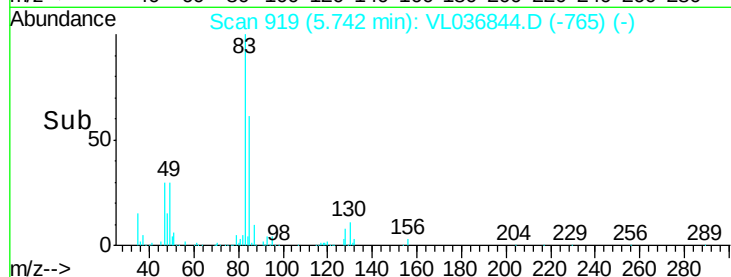
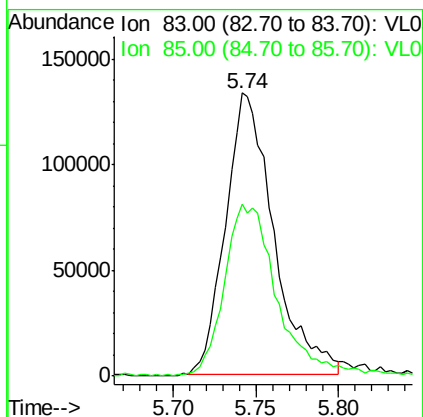
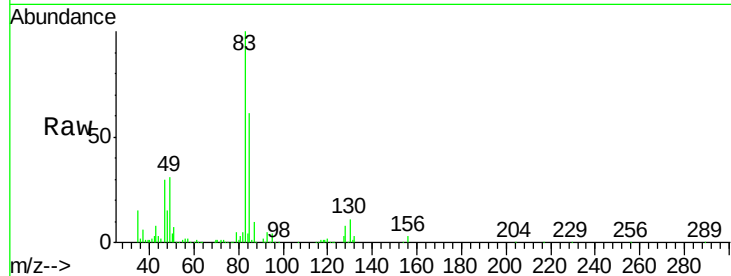


#29
Chloroform
Concen: 1.012 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
83 100
85 60.

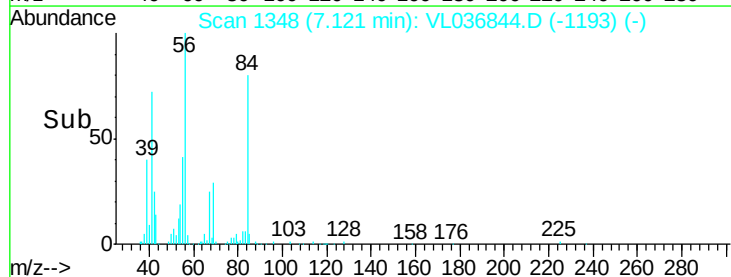
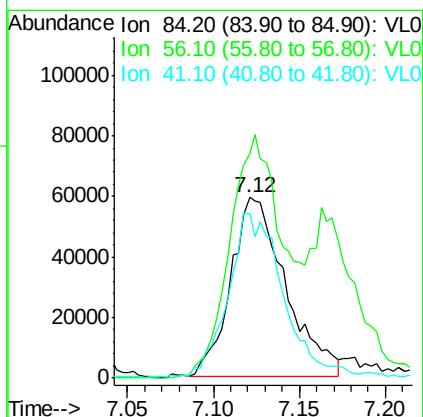
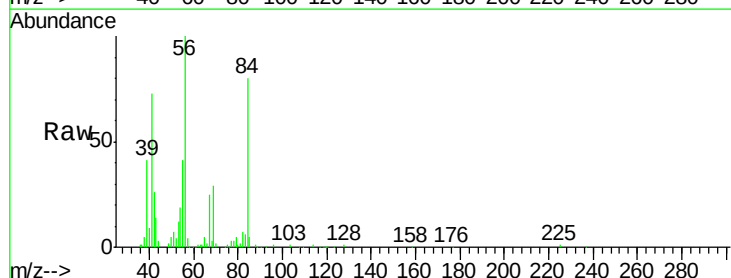
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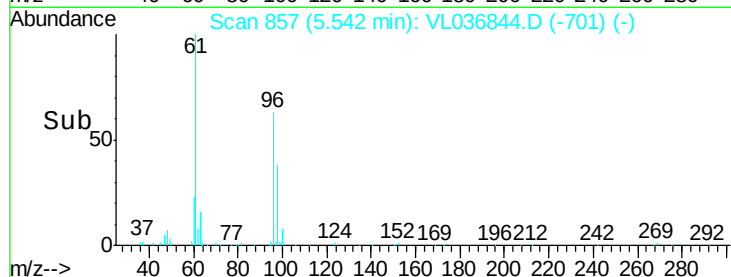
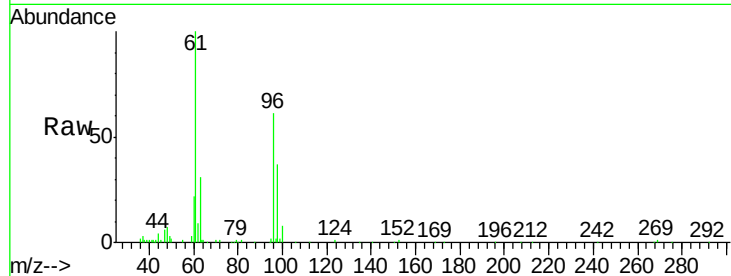
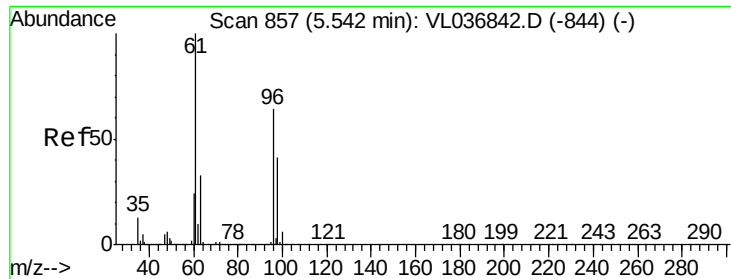
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#30
Cyclohexane
Concen: 0.977 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 84 Resp: 130860
Ion Ratio Lower Upper
84 100
56 130.4 115.8 173.6
41 94.1 74.6 111.8





#31

cis-1,2-Dichloroethene

Concen: 0.983 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44 VSTDIC001

Tot Ion:

Ion Ratio

61 100

96 61.

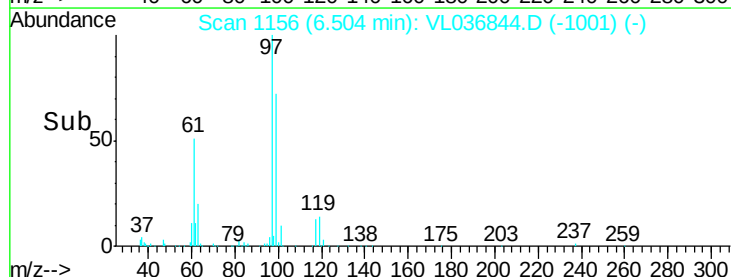
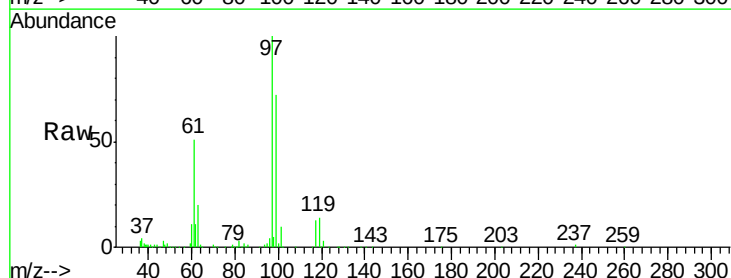
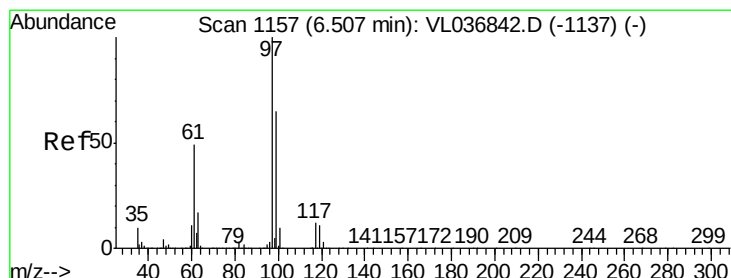
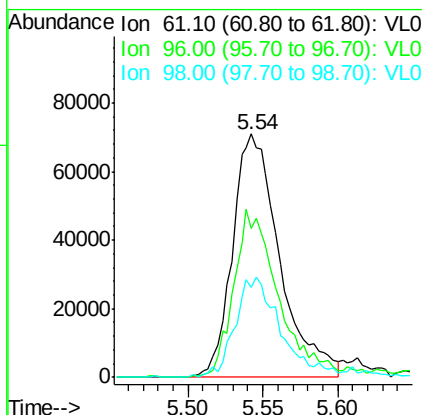
98 36.

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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: 1.027 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

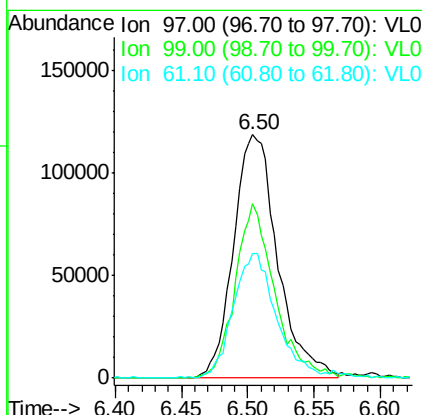
Tgt Ion: 97 Resp: 274769

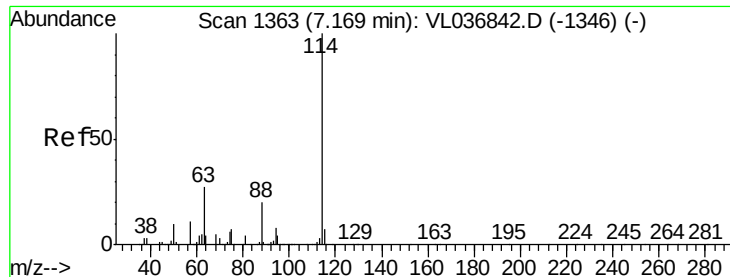
Ion Ratio Lower Upper

97 100

99 65.3 51.8 77.6

61 51.9 40.8 61.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:1

Ion Rati

114 100

63 27.

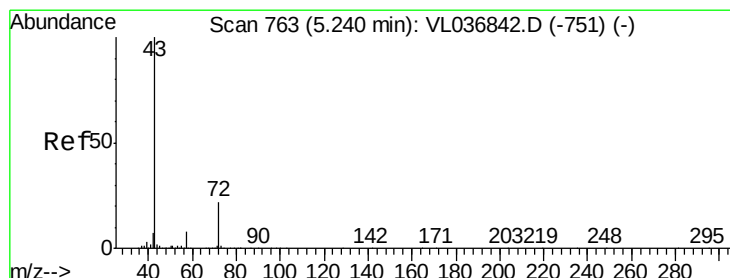
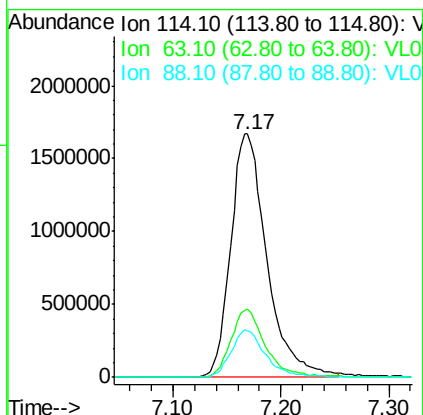
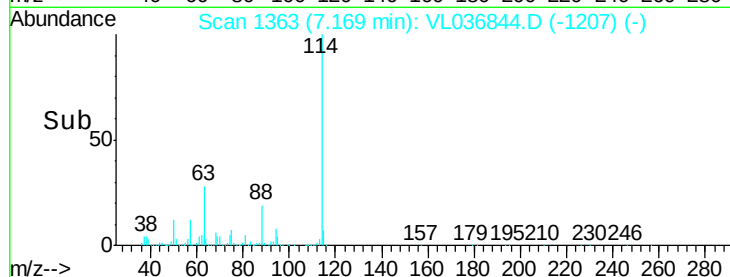
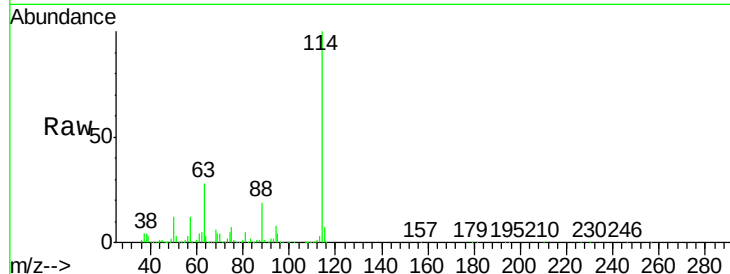
88 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#34

2-Butanone

Concen: 0.849 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.01 min

Lab File: VL036844.D

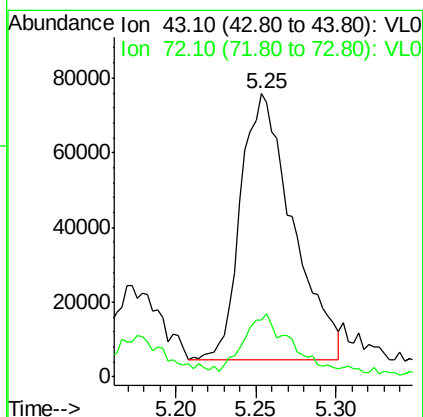
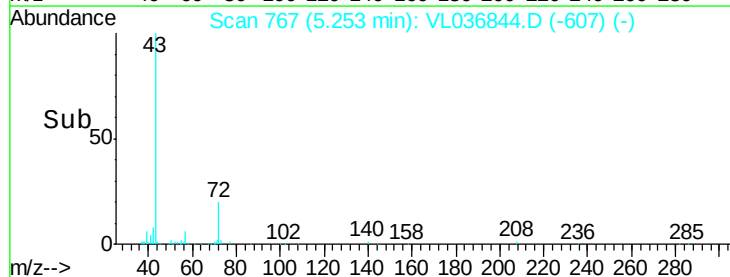
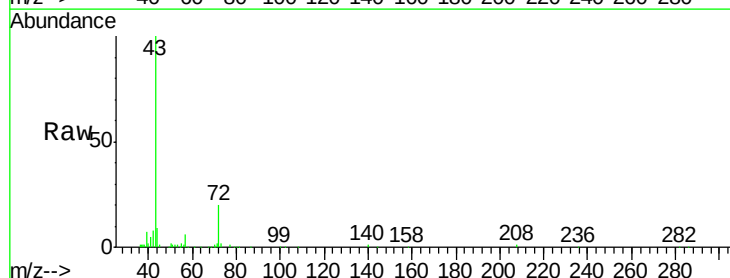
Acq: 27 Apr 2021 2:44

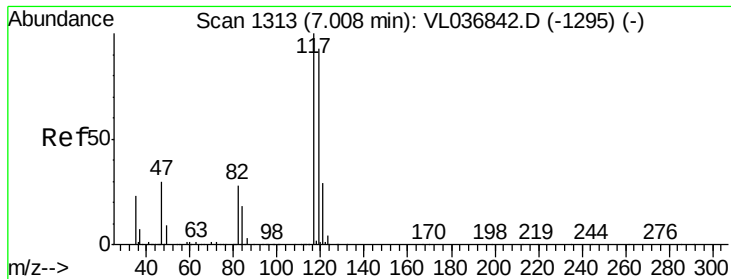
Tgt Ion: 43 Resp: 158364

Ion Ratio Lower Upper

43 100

72 24.8 17.5 26.3



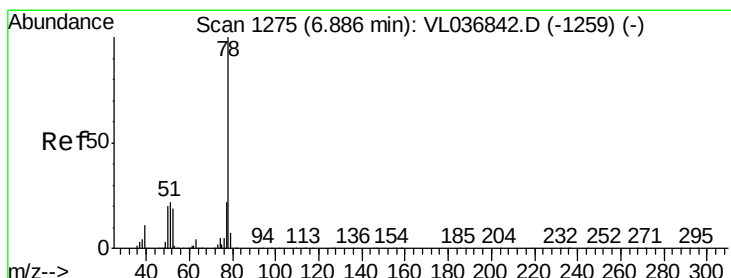
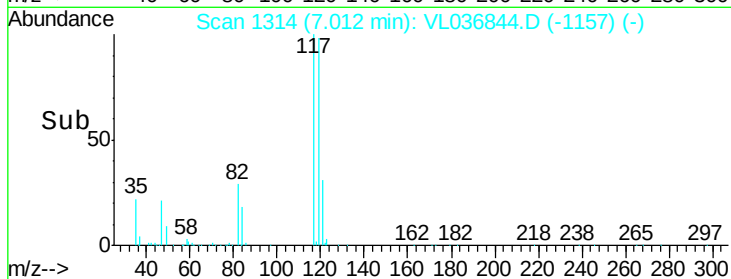
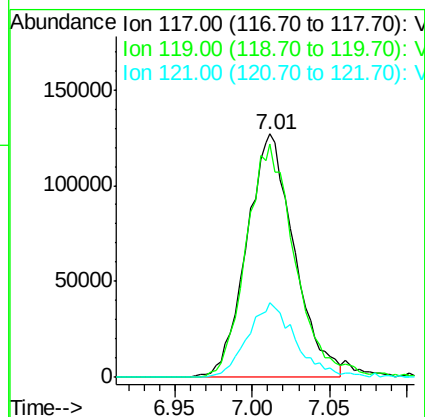
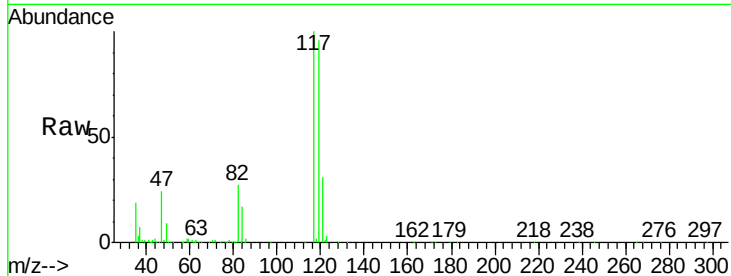


#35
Carbon Tetrachloride
Concen: 0.912 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

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

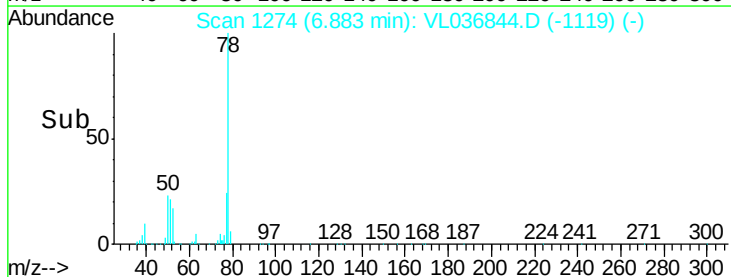
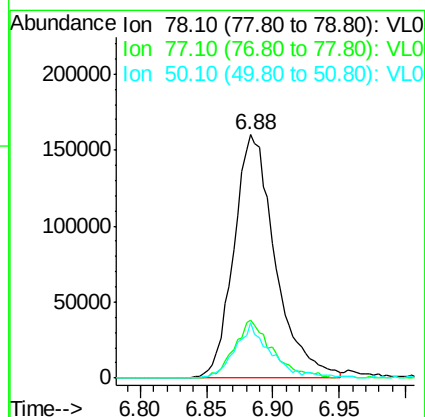
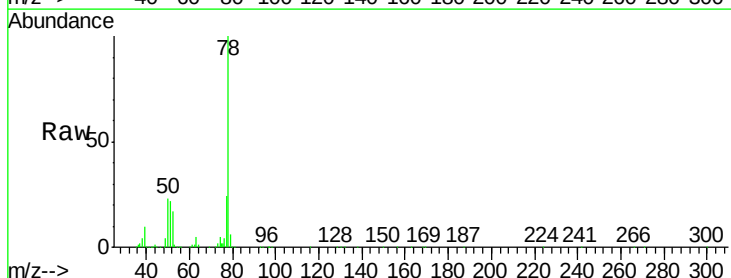
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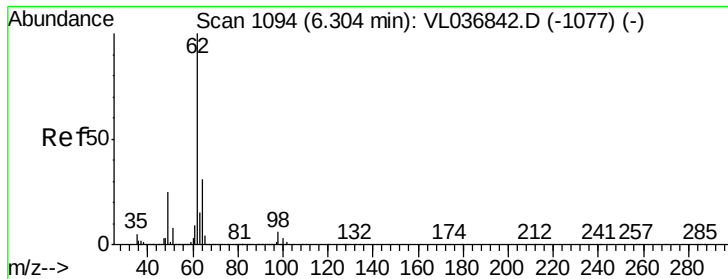
Reviewed By : Semsettin Yesilyurt 04/28/2021
Supervised By : Mahesh Dadoda 04/29/2021



#36
Benzene
Concen: 0.975 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 78 Resp: 346623
Ion Ratio Lower Upper
78 100
77 23.7 17.6 26.4
50 22.6 16.3 24.5





#37

1,2-Dichloroethane

Concen: 0.908 ppbv

RT: 6.30

Instrument: MSVOA_1

Delta R.T.:

Client SampleId:

Lab File: VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

62 100

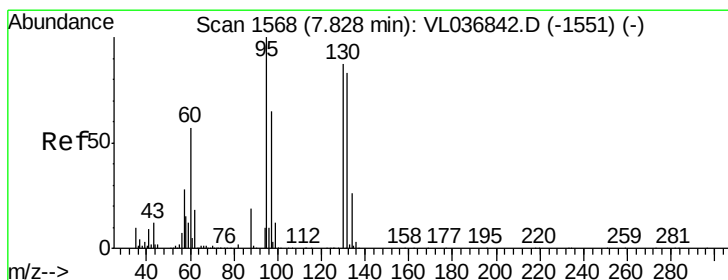
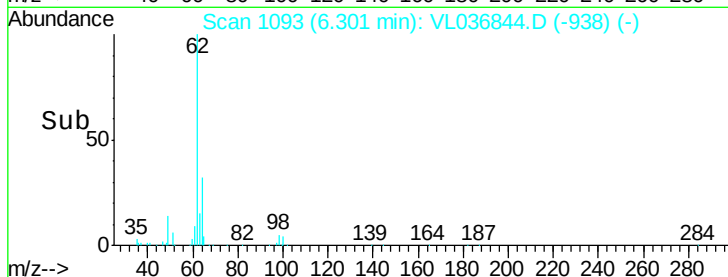
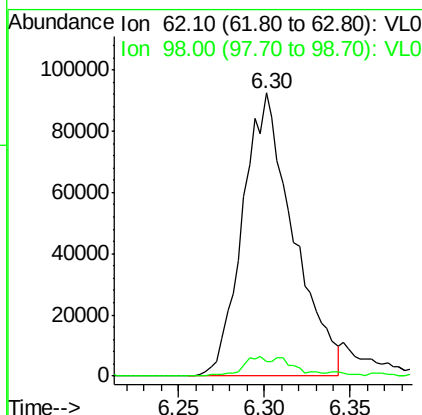
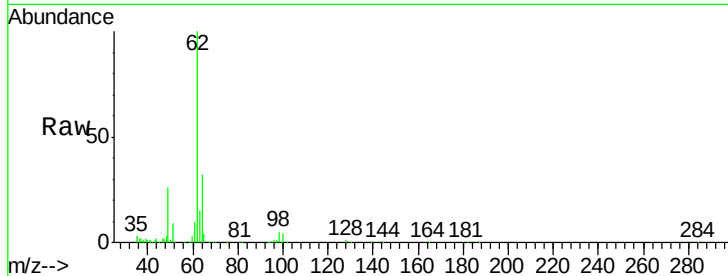
98 7.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#38

Trichloroethene

Concen: 0.918 ppbv m

RT: 7.83 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion:130 Resp: 127928

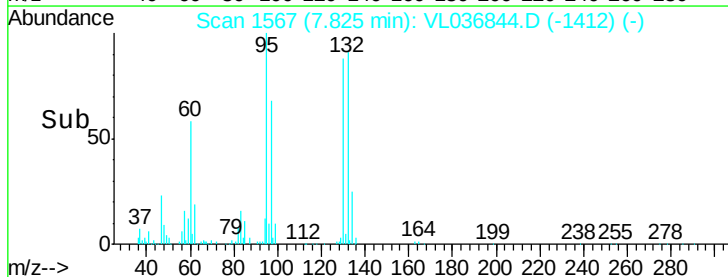
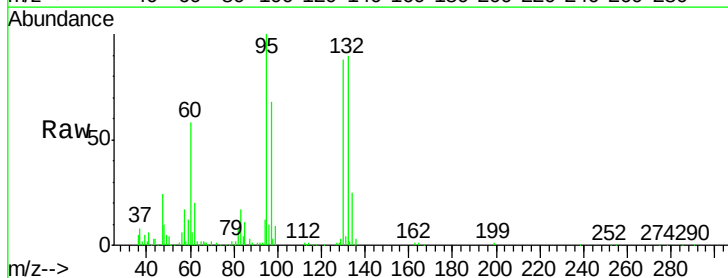
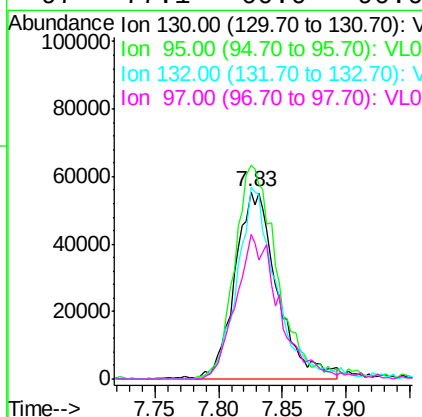
Ion Ratio Lower Upper

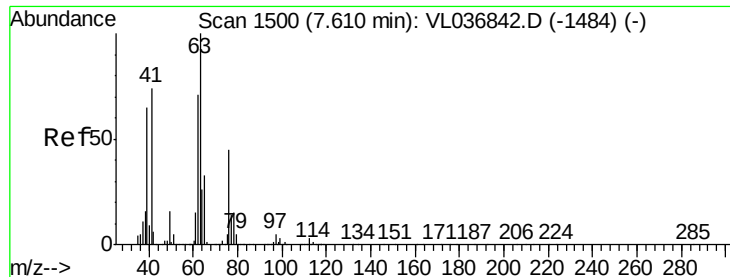
130 100

95 114.1 92.3 138.5

132 102.6 76.8 115.2

97 77.1 60.0 90.0



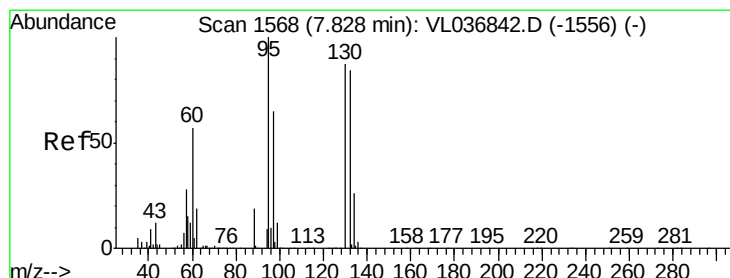
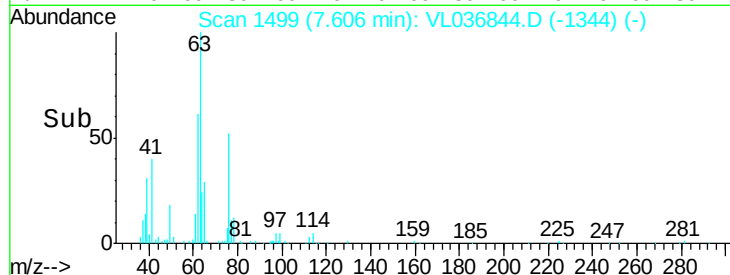
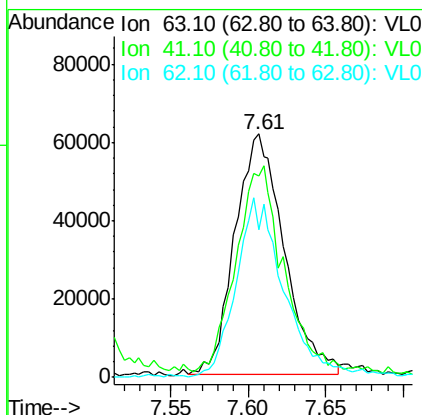
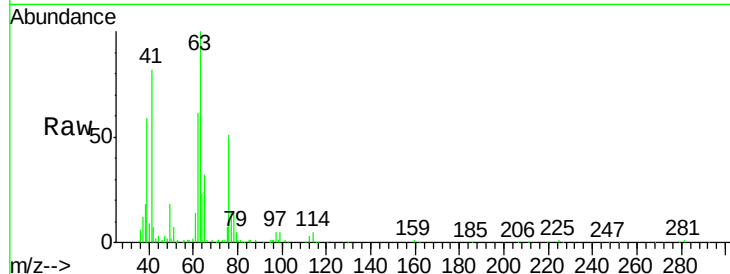


#39
 1,2-Dichloropropane
 Concen: 0.944 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 63 100
 41 79.
 62 60.

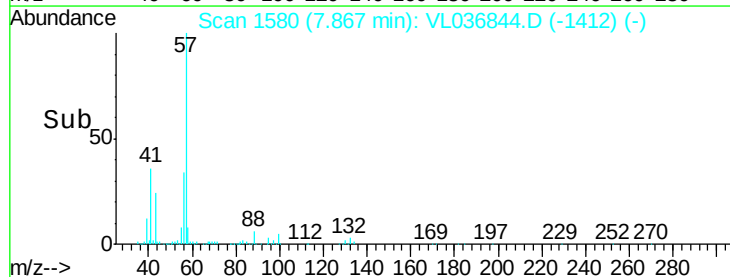
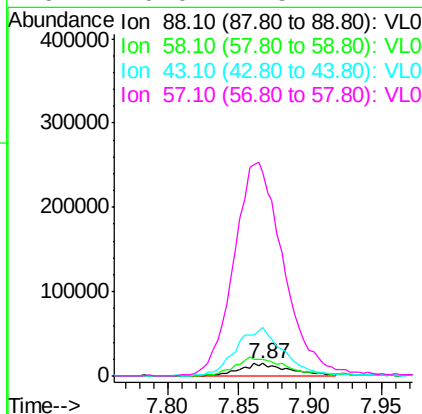
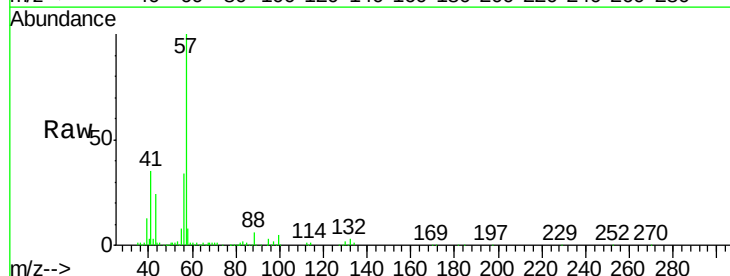
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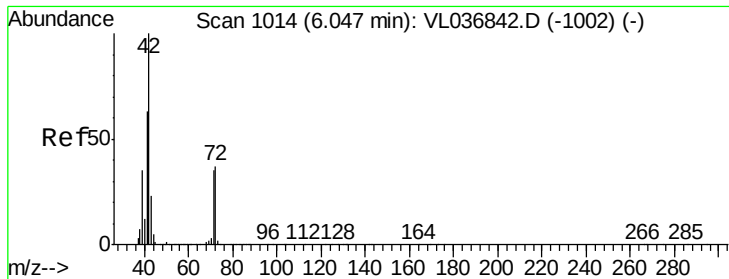
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#40
 1,4-Dioxane
 Concen: 1.074 ppbv m
 RT: 7.87 min Scan# 1580
 Delta R.T. 0.04 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 88 Resp: 36347
 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#



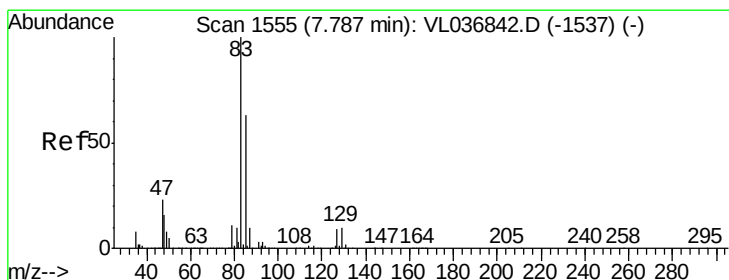
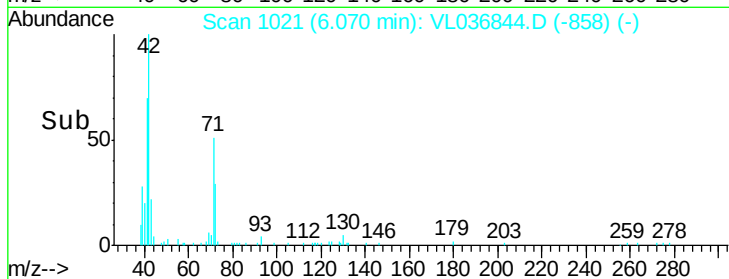
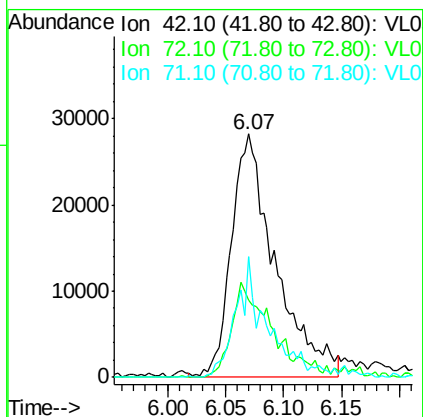
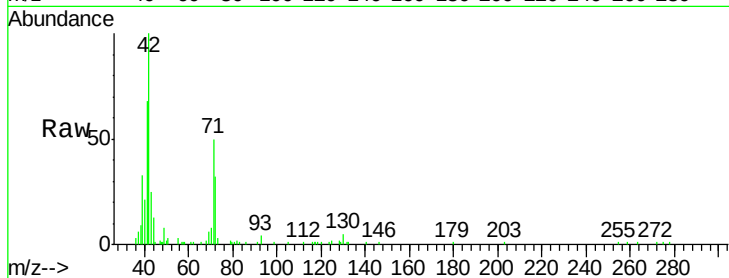


#41
Tetrahydrofuran
Concen: 0.876 ppbv m
RT: 6.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
42 100
72 35.
71 35.

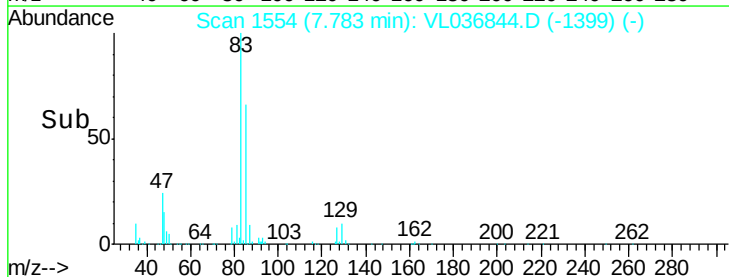
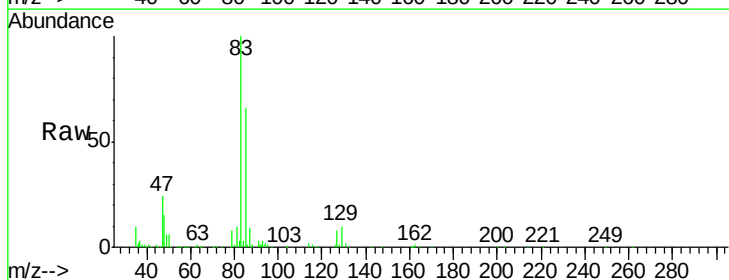
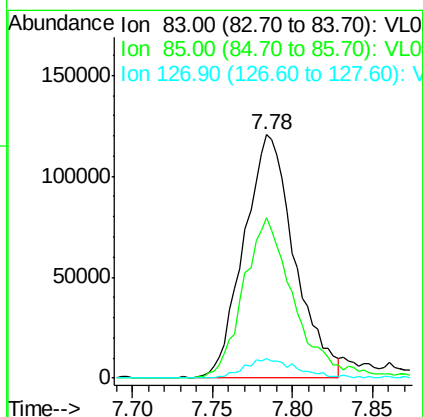
Manual Integrations
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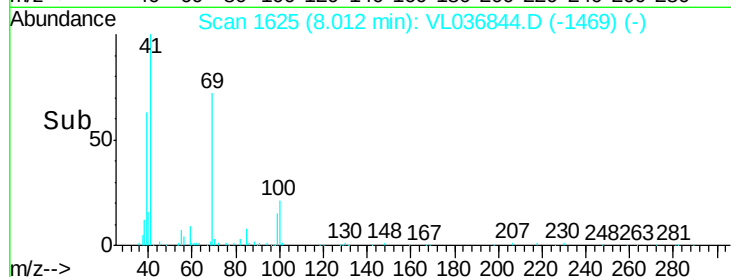
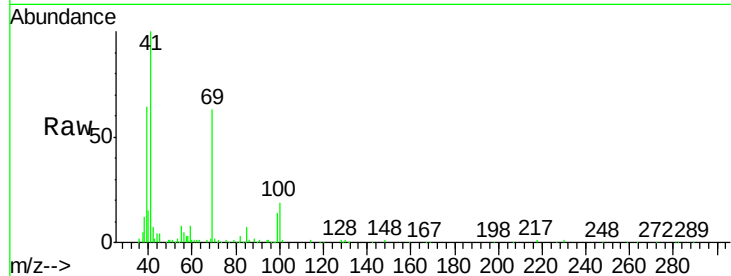
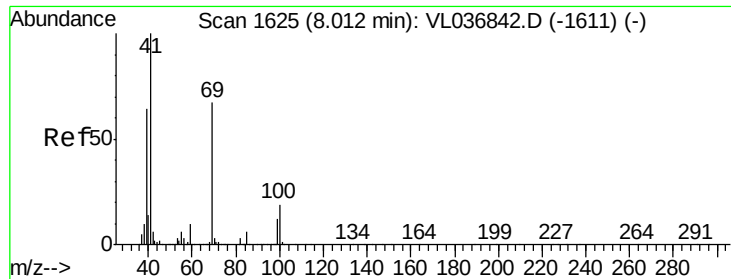
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#42
Bromodichloromethane
Concen: 0.917 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 83 Resp: 259889
Ion Ratio Lower Upper
83 100
85 65.7 50.4 75.6
127 7.7 6.9 10.3





#43

Methyl Methacrylate

Concen: 0.867 ppbv m

RT: 8.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

69 100

41 0.

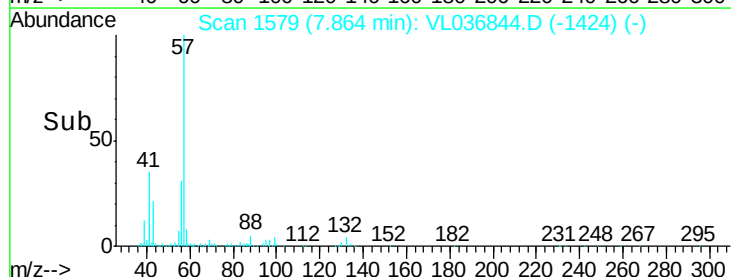
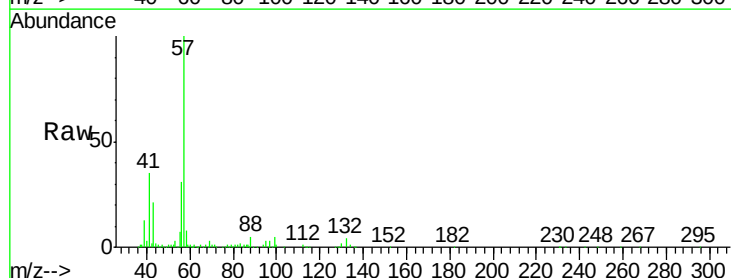
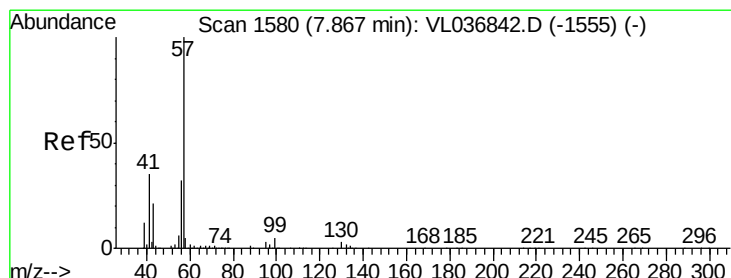
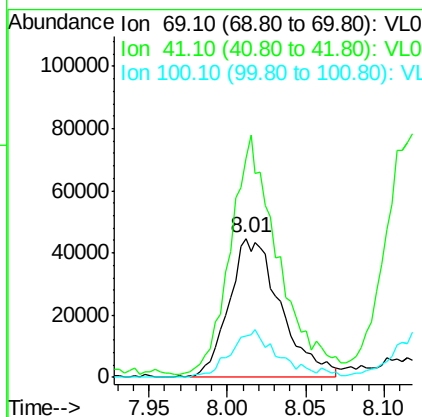
100 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#44

2,2,4-Trimethylpentane

Concen: 0.971 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

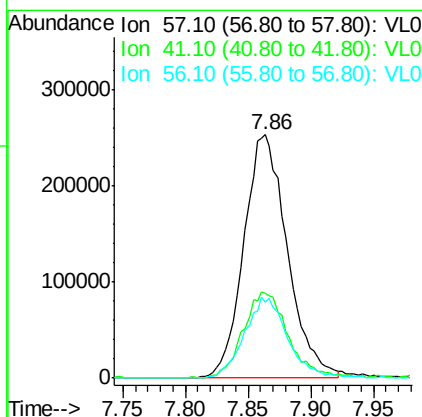
Tgt Ion: 57 Resp: 608930

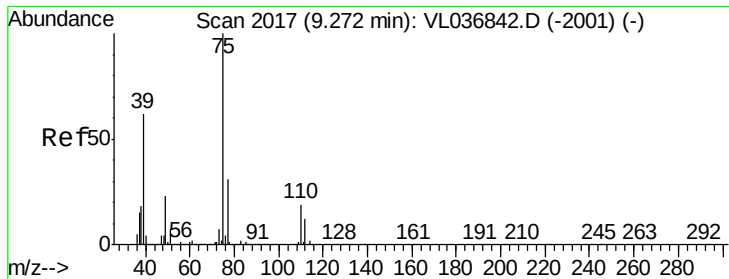
Ion Ratio Lower Upper

57 100

41 36.1 28.3 42.5

56 33.4 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.755 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Apr 2021 2:44 VSTDIC001

Tot Ion:

Ion Ratio

75 100

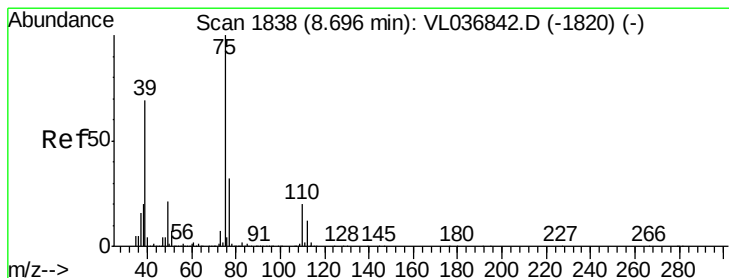
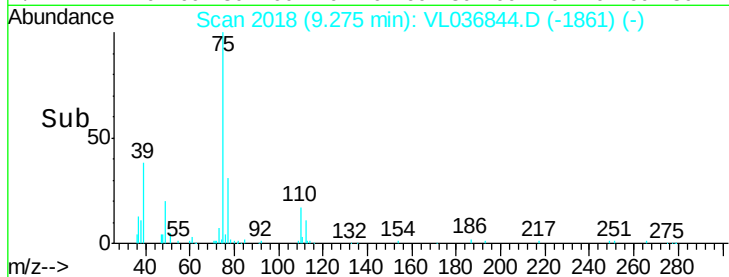
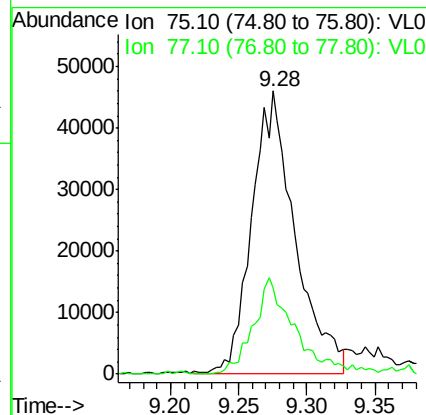
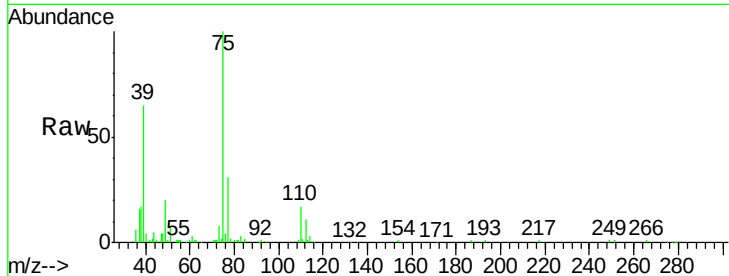
77 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#46

cis-1,3-Dichloropropene

Concen: 0.769 ppbv m

RT: 8.70 min Scan# 1840

Delta R.T. 0.01 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

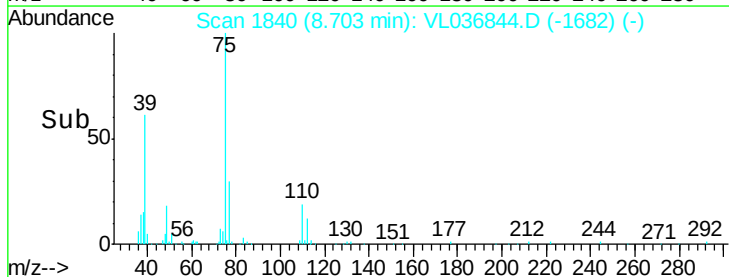
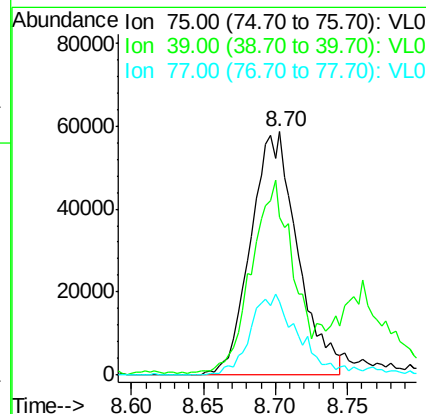
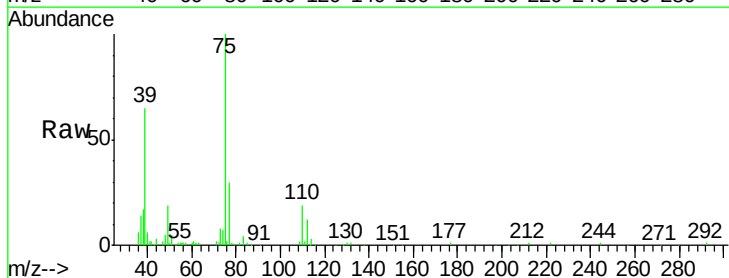
Tgt Ion: 75 Resp: 132423

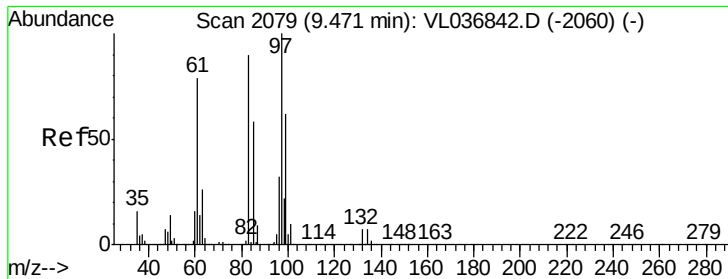
Ion Ratio Lower Upper

75 100

39 64.8 55.4 83.0

77 30.0 25.2 37.8



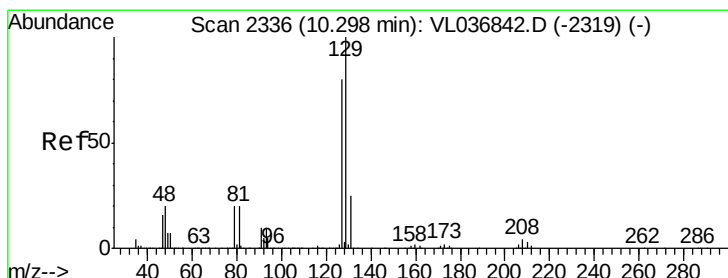
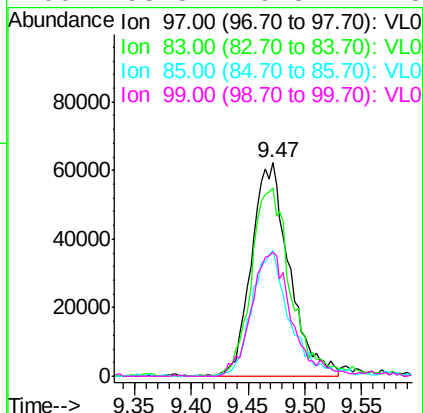
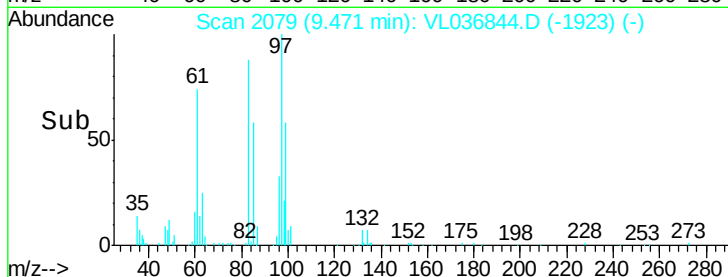
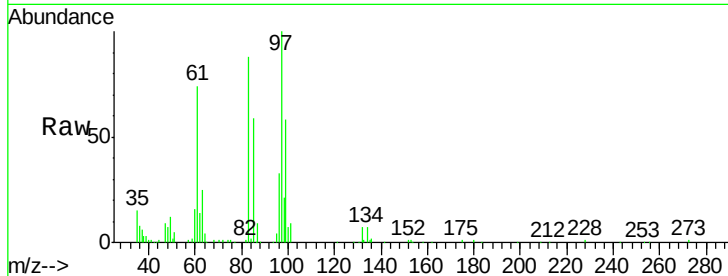


#47
 1,1,2-Trichloroethane
 Concen: 0.984 ppbv m
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 58.
 99 58.3 49.8 74.8

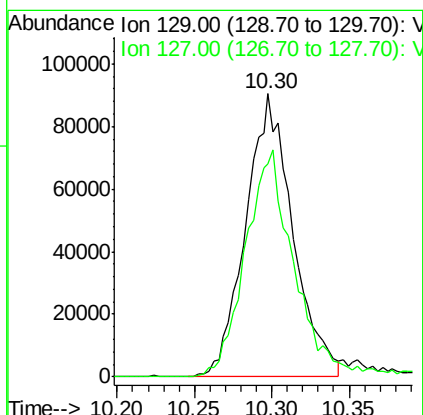
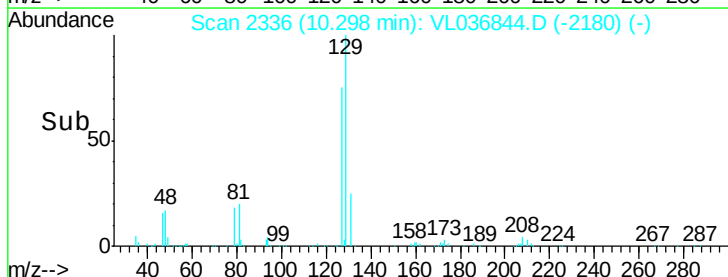
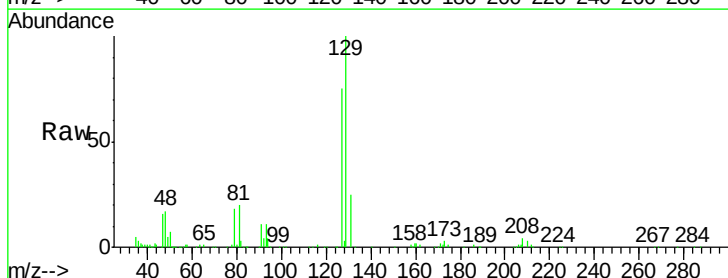
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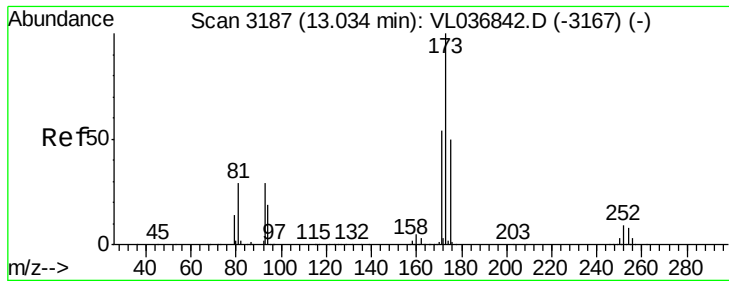
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#48
 Dibromochloromethane
 Concen: 0.862 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:129 Resp: 191539
 Ion Ratio Lower Upper
 129 100
 127 85.1 40.2 120.5





#49

Bromoform

Concen: 0.852 ppbv m

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC001

Acq: 27 Apr 2021 2:44

Tot Ion:1

Ion Rati

173 100

175 52.

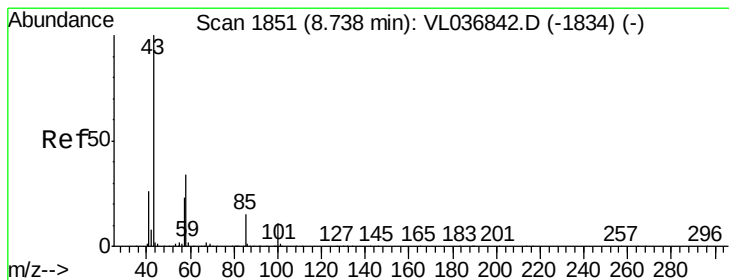
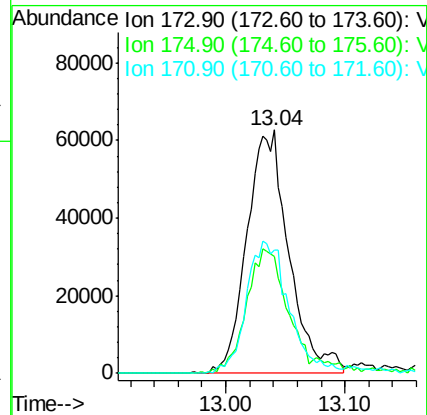
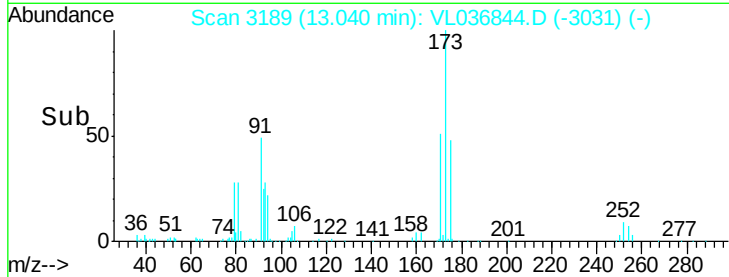
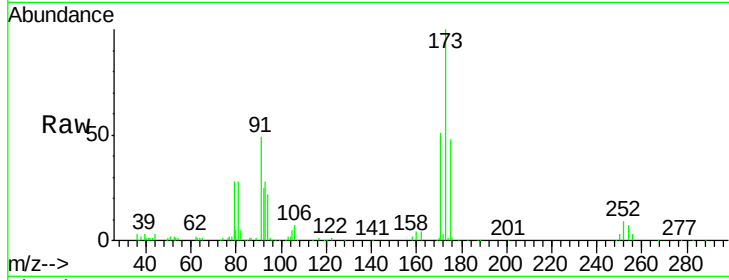
171 57.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#50

4-Methyl-2-Pentanone

Concen: 0.845 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL036844.D

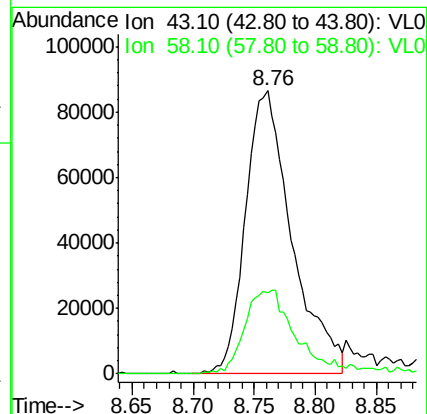
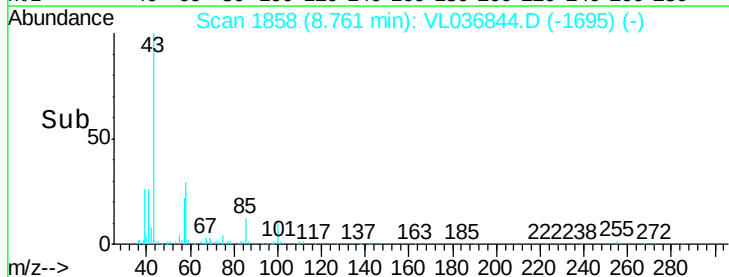
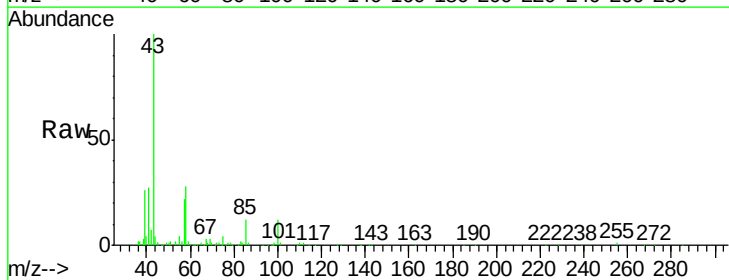
Acq: 27 Apr 2021 2:44

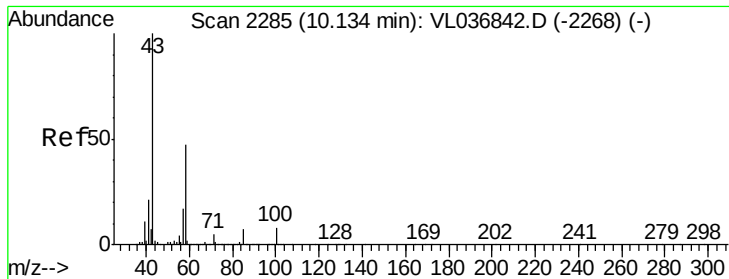
Tgt Ion: 43 Resp: 227774

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8



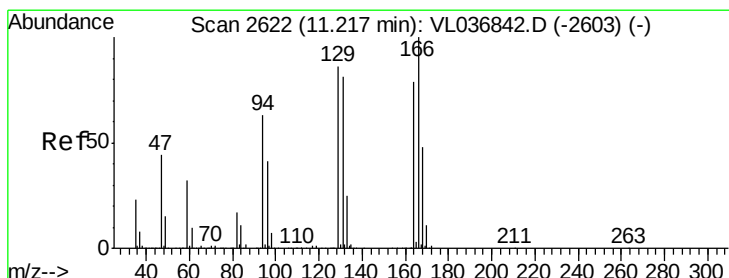
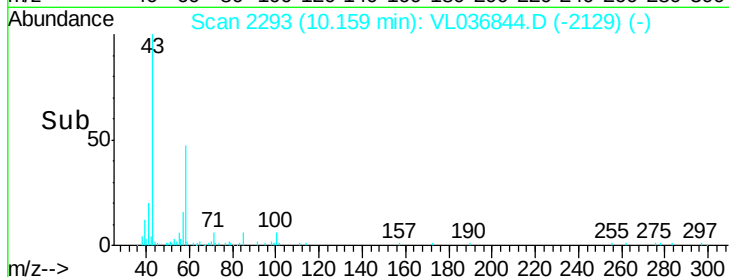
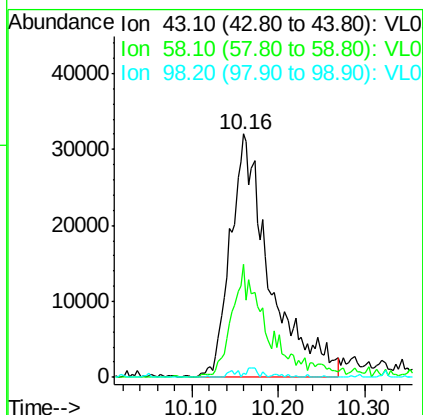
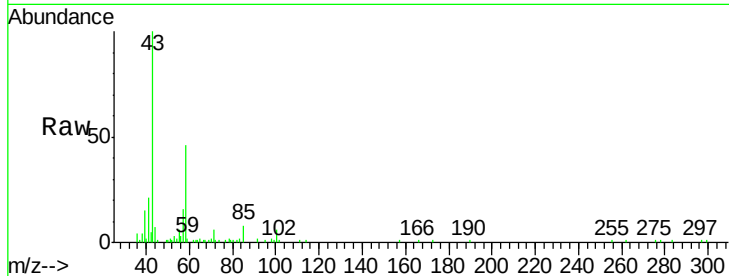


#51
2-Hexanone
Concen: 0.753 ppbv m
RT: 10.16
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 27 Apr 2021 2:44

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

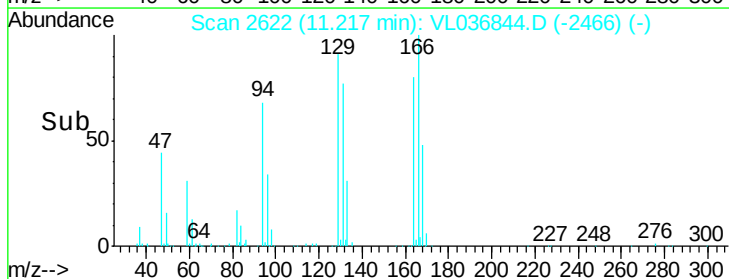
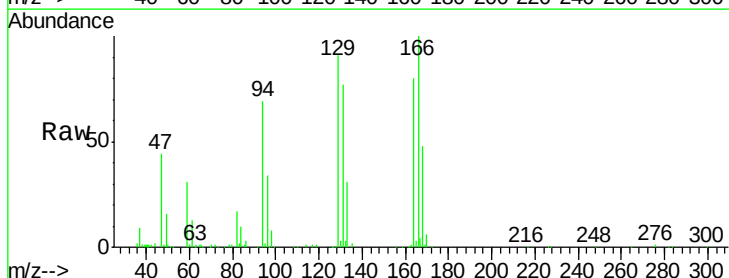
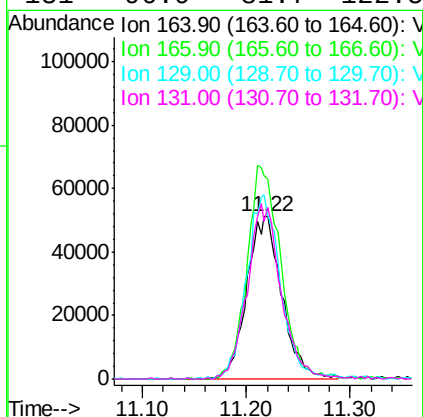
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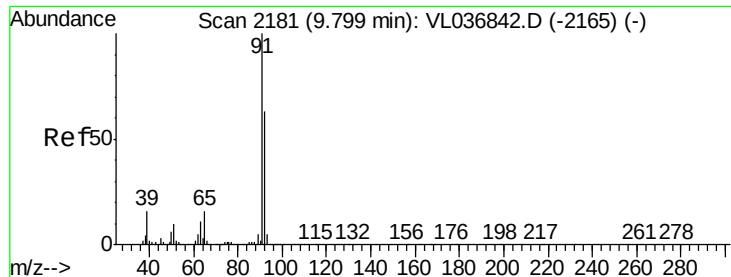
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#52
Tetrachloroethene
Concen: 0.909 ppbv m
RT: 11.22 min Scan# 2622
Delta R.T. 0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion:164 Resp: 119465
Ion Ratio Lower Upper
164 100
166 125.1 100.9 151.3
129 113.8 87.0 130.4
131 96.9 81.7 122.5





#53

Toluene

Concen: 0.915 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

91 100

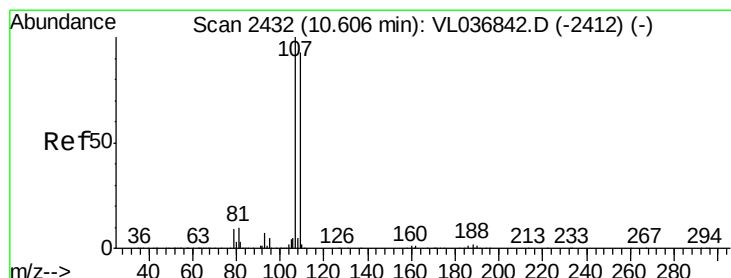
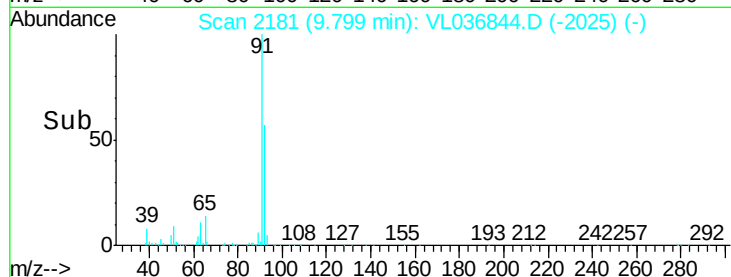
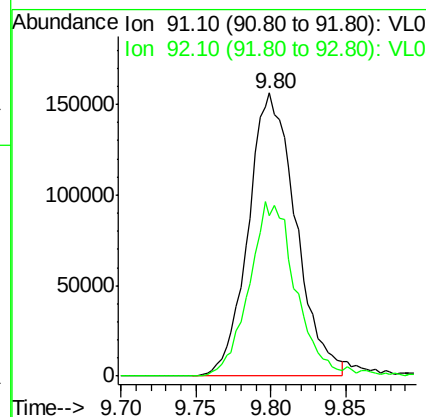
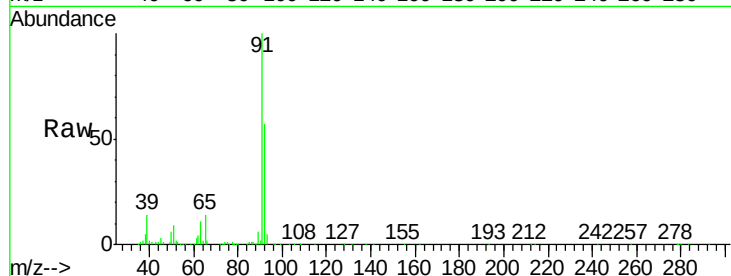
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#54

1,2-Dibromoethane

Concen: 0.999 ppbv m

RT: 10.61 min Scan# 2432

Delta R.T. 0.00 min

Lab File: VL036844.D

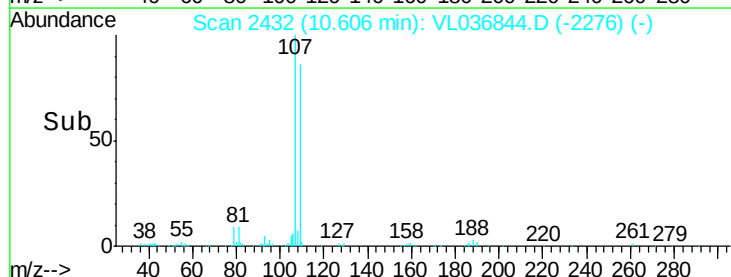
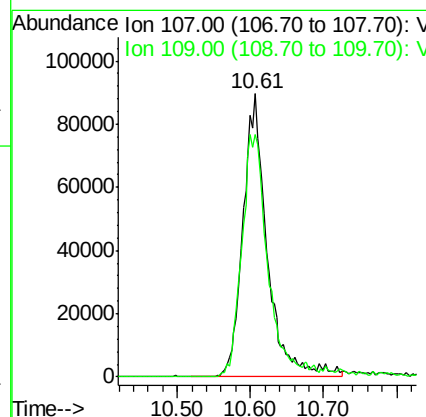
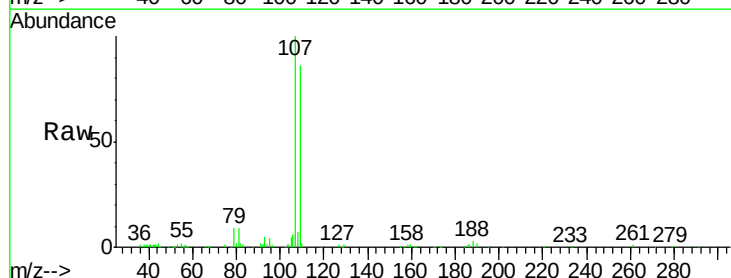
Acq: 27 Apr 2021 2:44

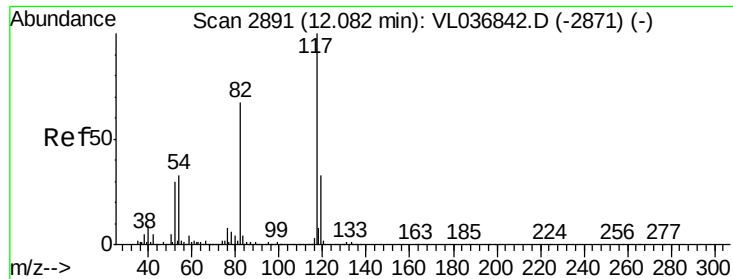
Tgt Ion:107 Resp: 206070

Ion Ratio Lower Upper

107 100

109 85.5 74.7 112.1



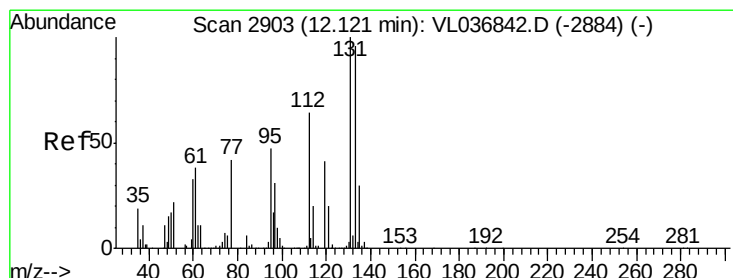
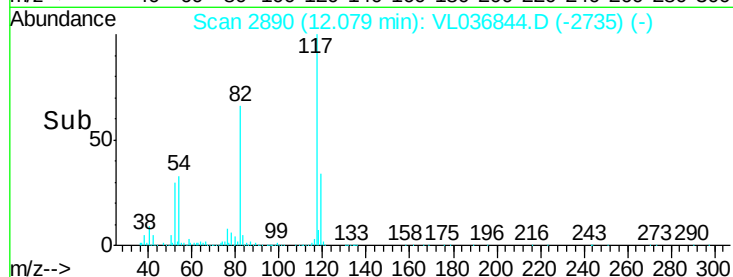
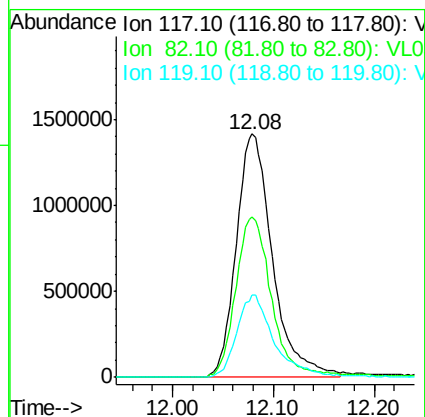
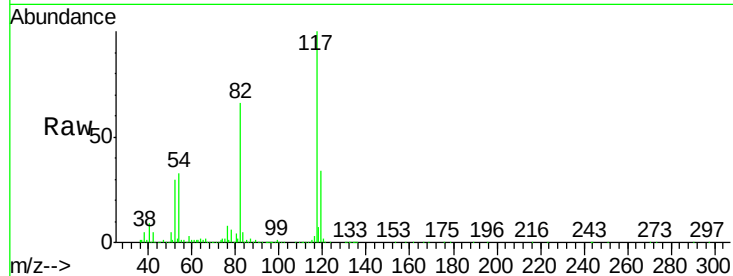


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion: 1
 Ion Ratio
 117 100
 82 67.
 119 35.

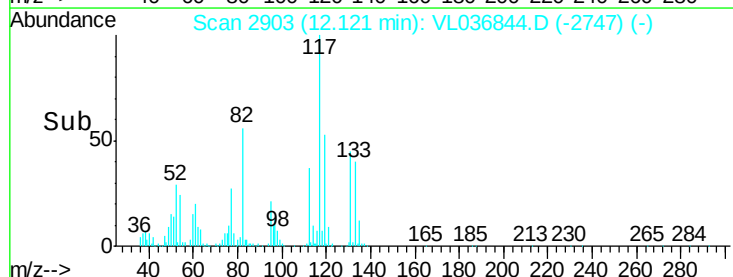
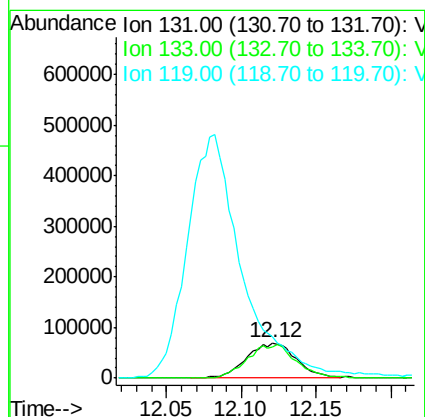
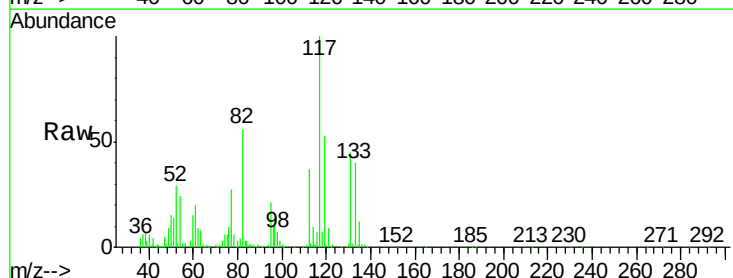
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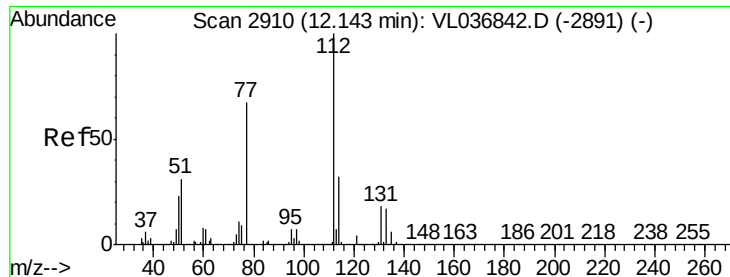
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#56
 1,1,1,2-Tetrachloroethane
 Concen: 1.022 ppbv
 RT: 12.12 min Scan# 2903
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 131 Resp: 160638
 Ion Ratio Lower Upper
 131 100
 133 95.8 76.2 114.4
 119 783.4 114.6 171.8#





#57

Chlorobenzene

Concen: 0.995 ppbv

RT: 12.14 min

Delta R.T. 0.00 min

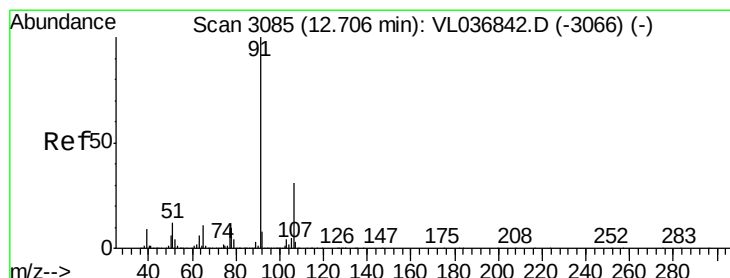
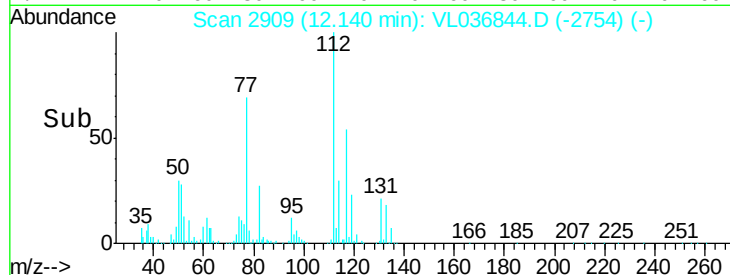
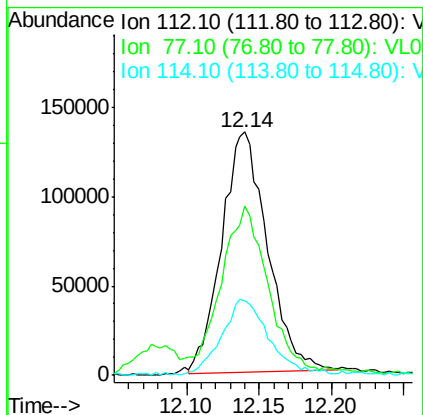
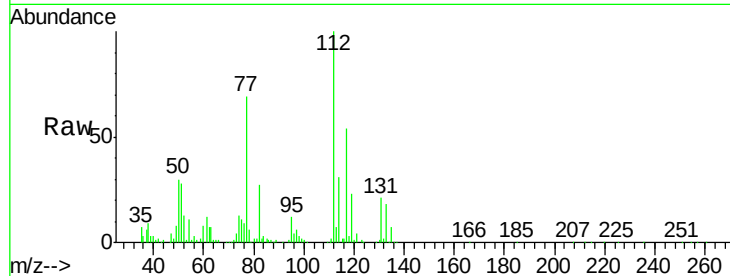
Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tot Ion: 1
Ion Ratio
112 100
77 68.
114 30.

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



#58

Ethyl Benzene

Concen: 0.921 ppbv

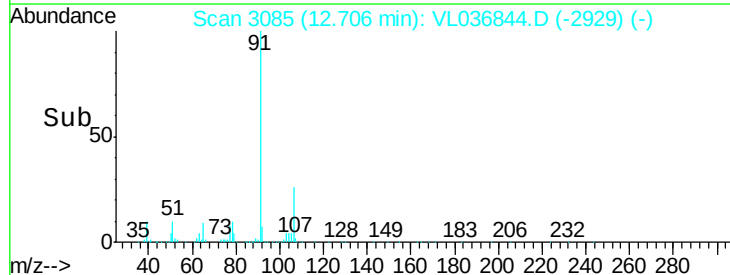
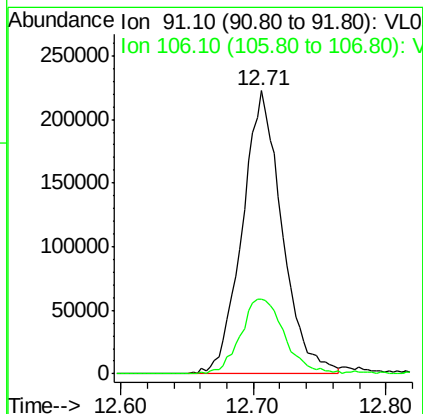
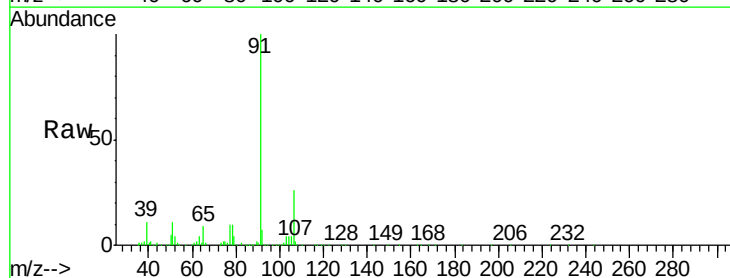
RT: 12.71 min Scan# 3085

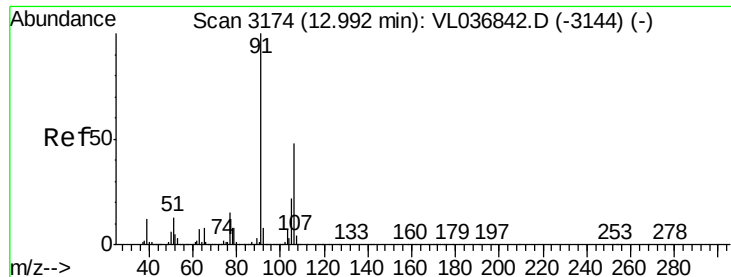
Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion: 91 Resp: 464834
Ion Ratio Lower Upper
91 100
106 26.4 25.1 37.7



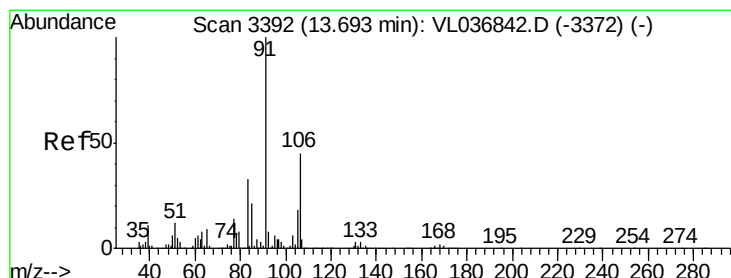
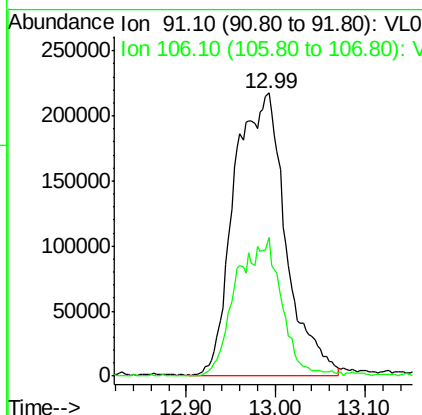
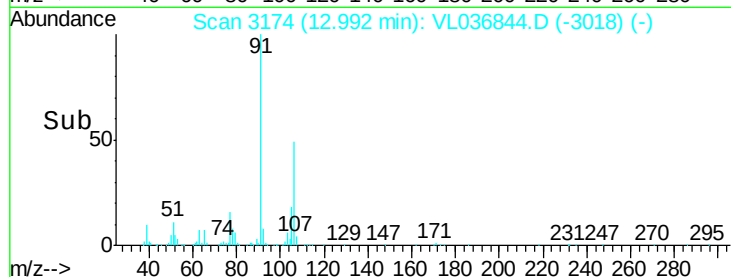
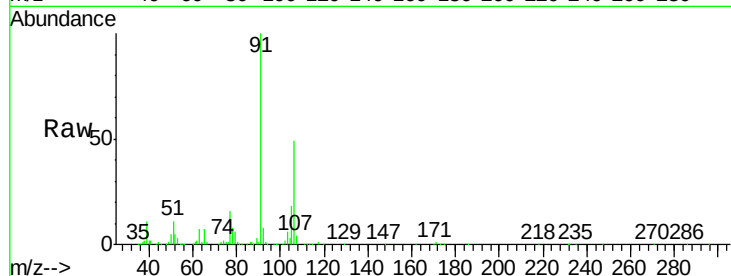


#59
m/p-Xylene
Concen: 1.975 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
Acq: 27 Apr 2021 2:44

Tot Ion:
Ion Ratio
91 100
106 43.

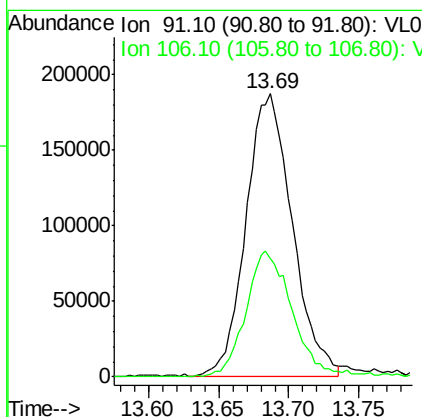
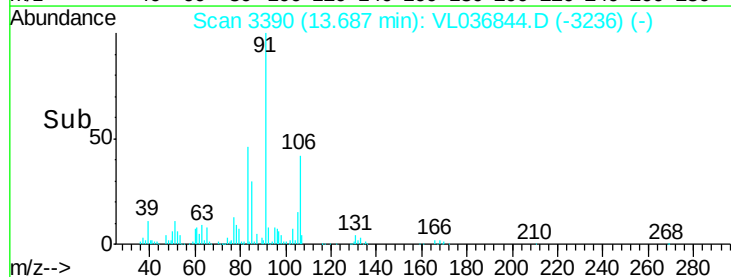
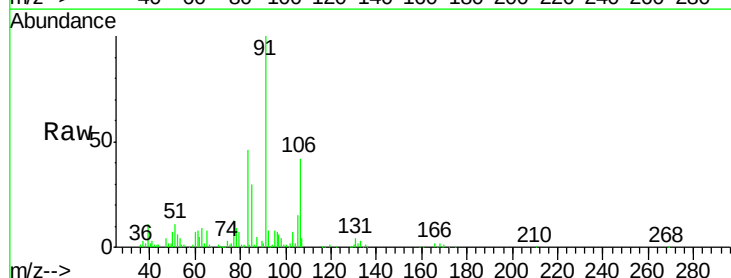
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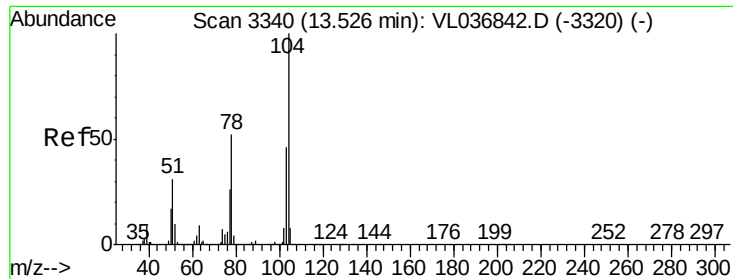
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#60
o-Xylene
Concen: 1.005 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion: 91 Resp: 428843
Ion Ratio Lower Upper
91 100
106 44.9 22.6 67.8



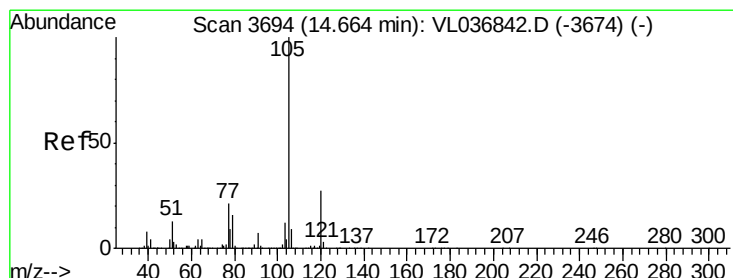
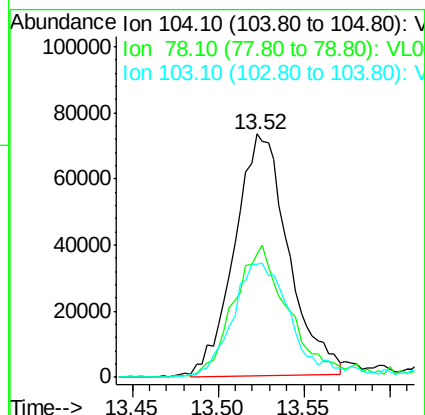
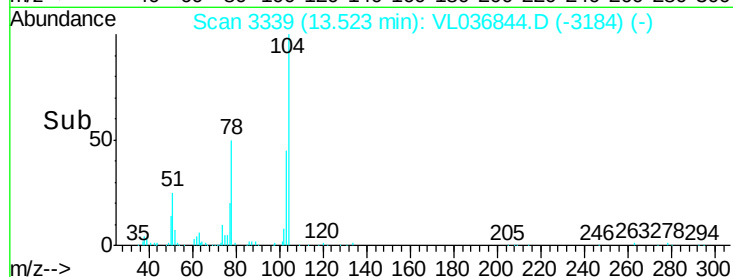
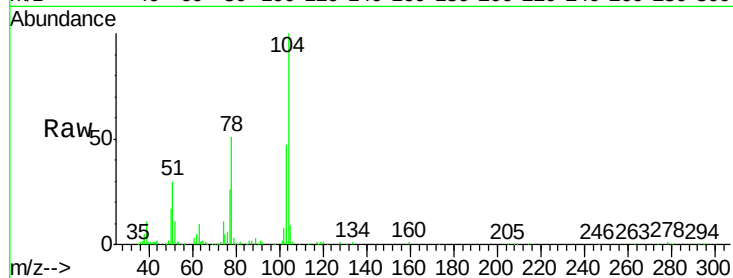


#61
Stvrene
Concen: 0.747 ppbv
RT: 13.52
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 27 Apr 2021 2:44

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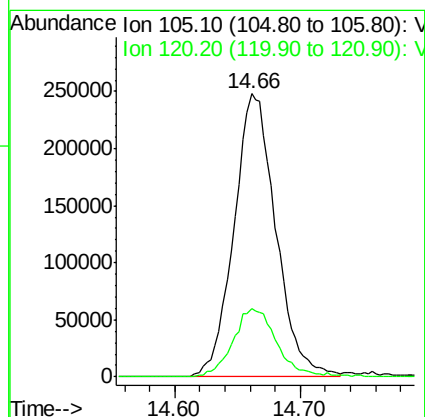
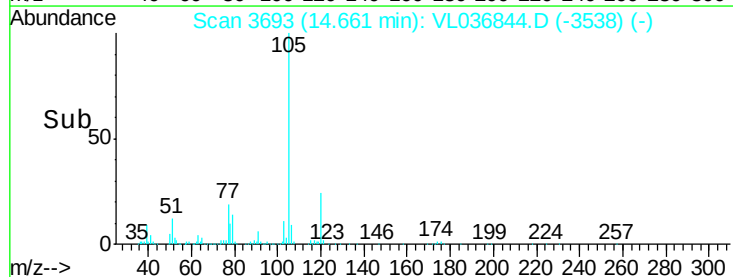
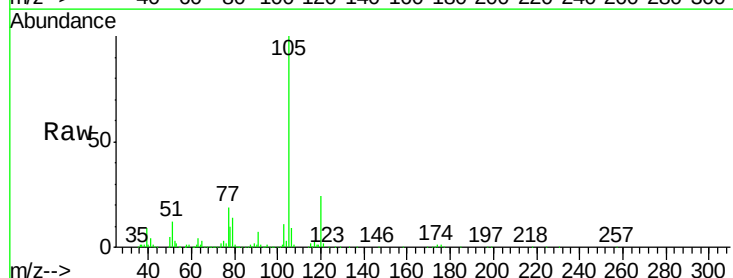
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021

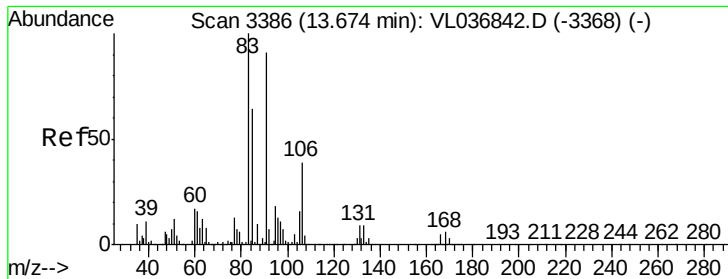
Tot Ion:1
Ion Rati
104 100
78 58.
103 53.



#62
Isopropylbenzene
Concen: 0.992 ppbv
RT: 14.66 min Scan# 3693
Delta R.T.: -0.00 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion:105 Resp: 569796
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7





#63

1,1,2,2-Tetrachloroethane

Concen: 1.027 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:

Ion Ratio

83 100

131 8.

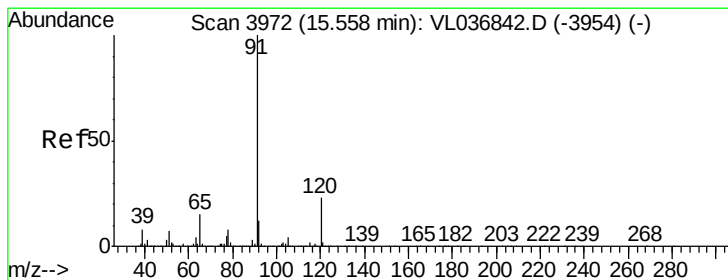
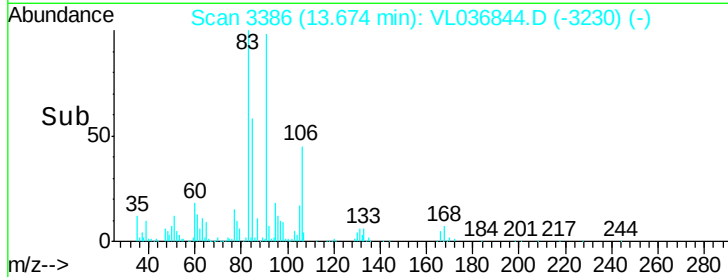
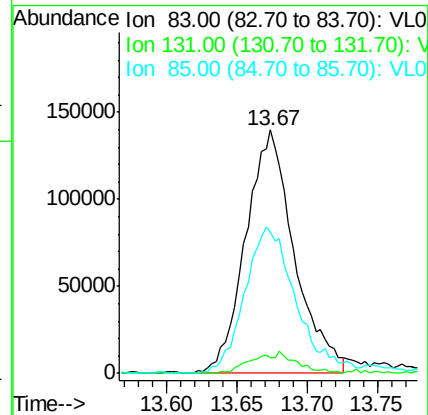
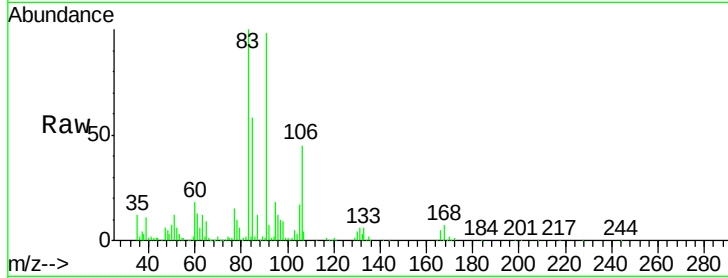
85 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#64

n-propylbenzene

Concen: 0.981 ppbv m

RT: 15.55 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VL036844.D

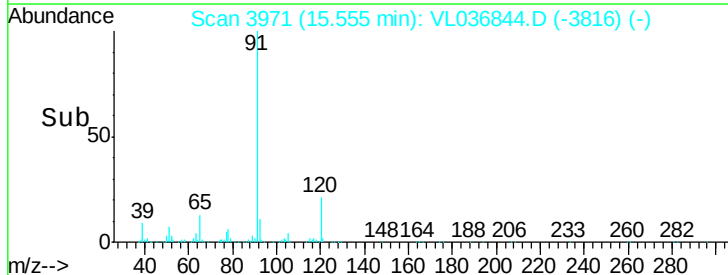
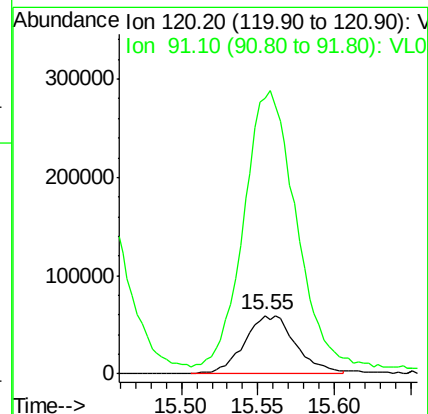
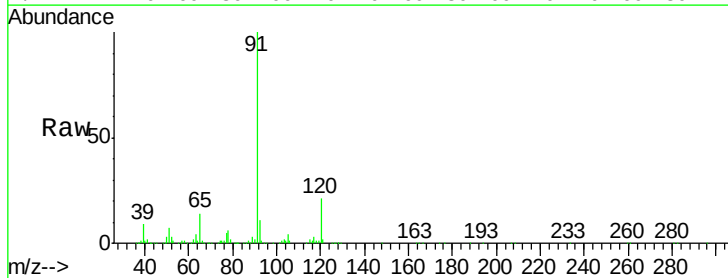
Acq: 27 Apr 2021 2:44

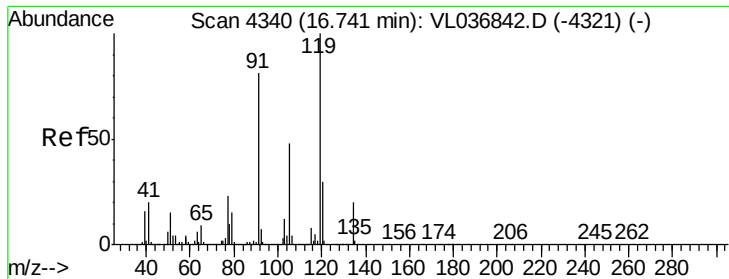
Tgt Ion:120 Resp: 138177

Ion Ratio Lower Upper

120 100

91 524.3 378.6 567.8



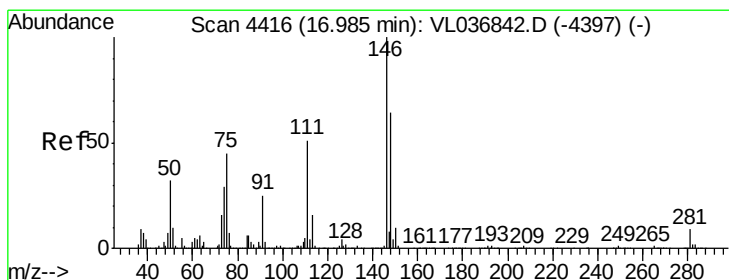
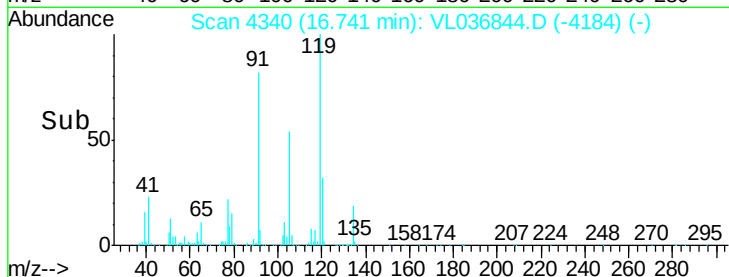
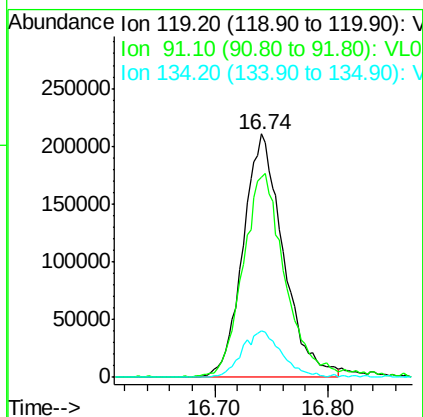
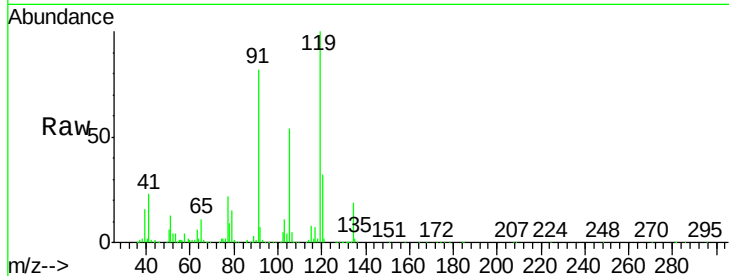


#65
 tert-Butylbenzene
 Concen: 1.037 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion: 1
 Ion Ratio
 119 100
 91 88.
 134 19.

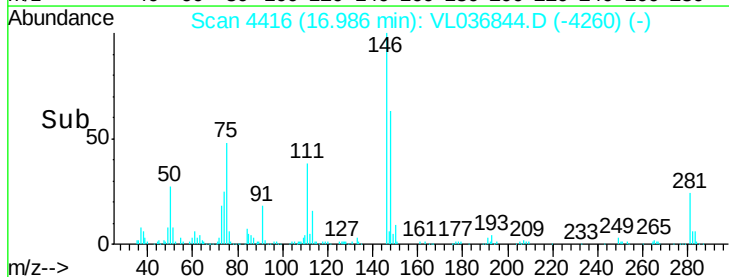
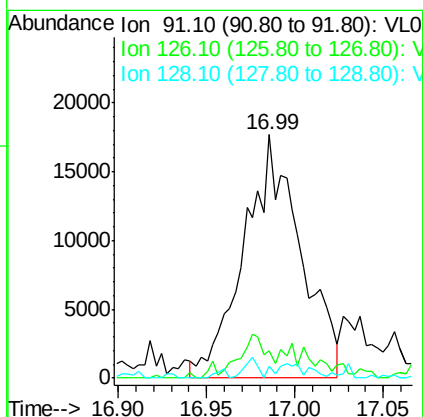
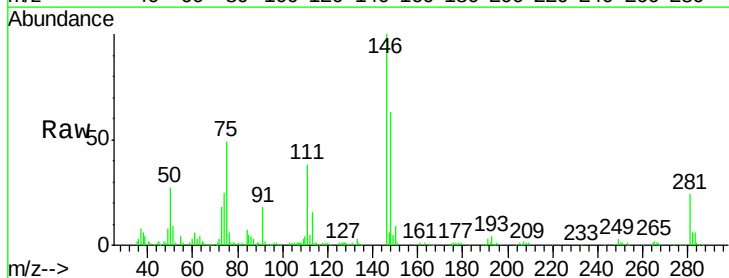
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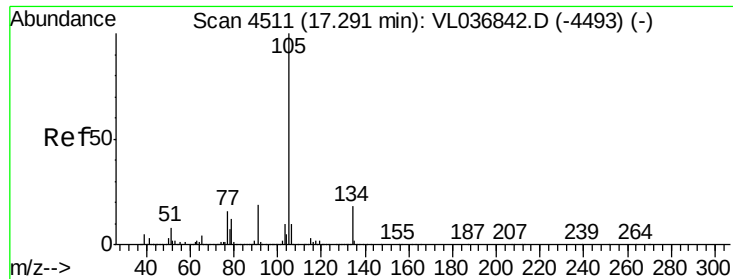
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#66
 Benzyl Chloride
 Concen: 0.733 ppbv m
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 91 Resp: 39328
 Ion Ratio Lower Upper
 91 100
 126 19.2 14.1 21.1
 128 2.6 4.8 7.2#





#67

sec-Butylbenzene

Concen: 1.013 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:1

Ion Ratio

105 100

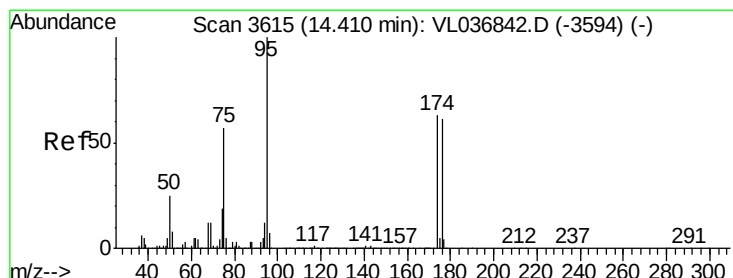
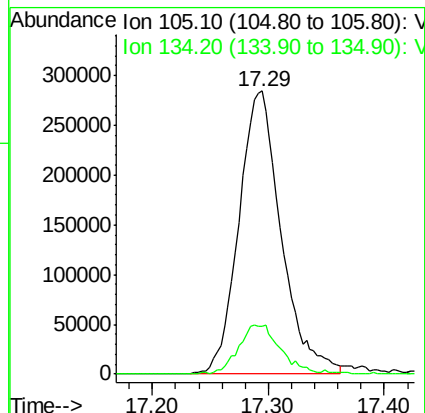
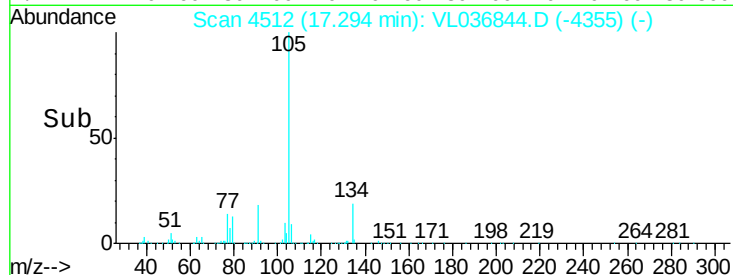
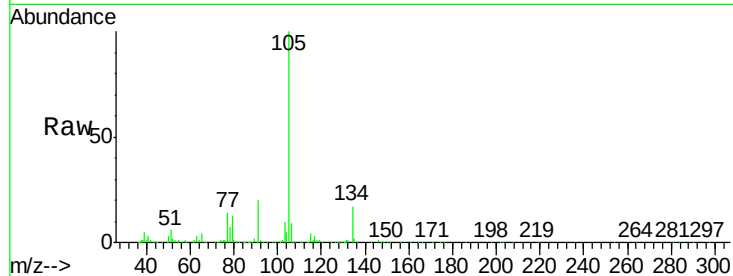
134 18.

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.124 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

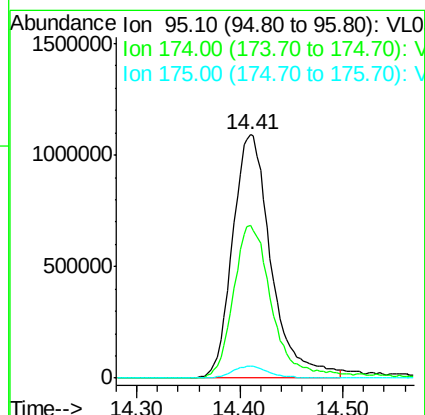
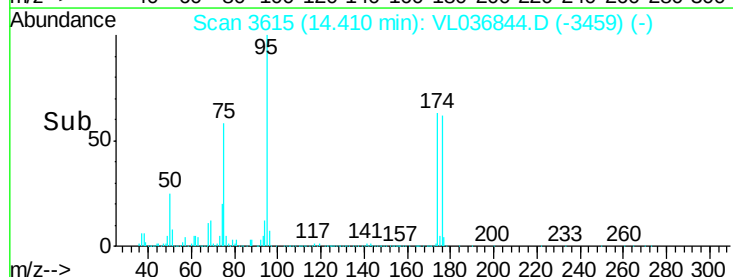
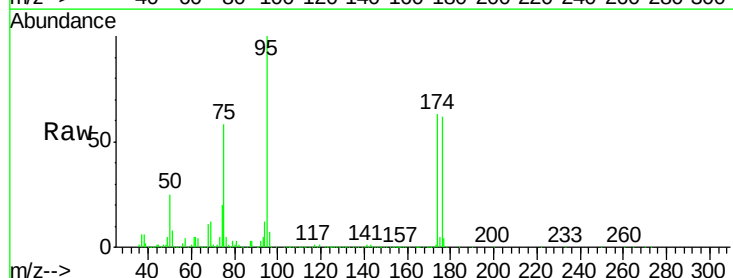
Tgt Ion: 95 Resp: 2840289

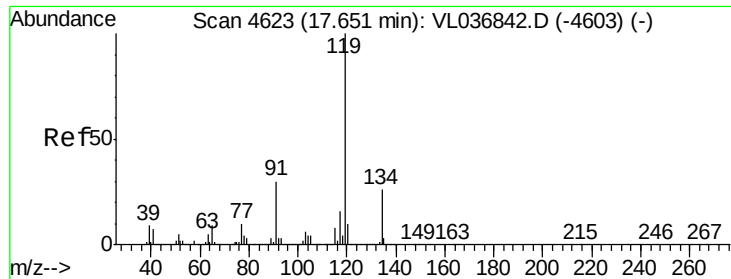
Ion Ratio Lower Upper

95 100

174 65.3 52.4 78.6

175 5.0 3.9 5.9



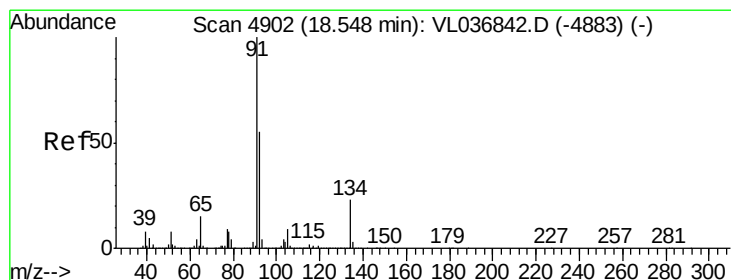
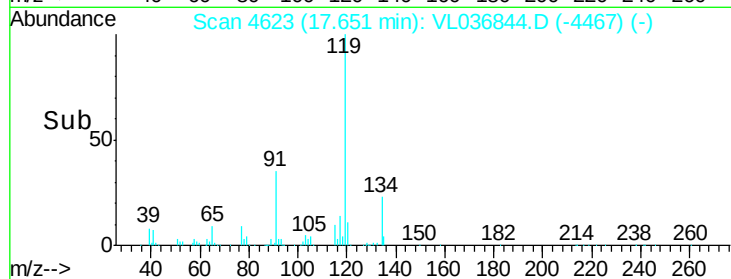
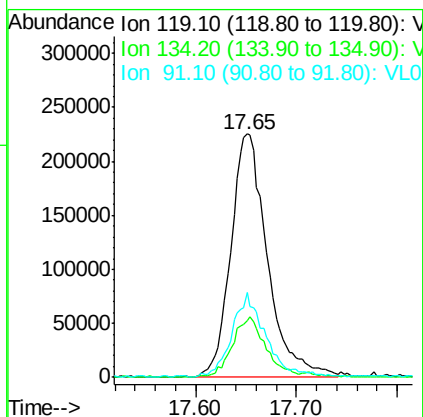
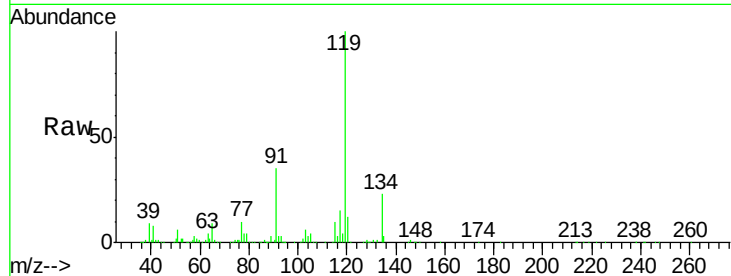


#69
 p-Isopropyltoluene
 Concen: 1.024 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion: 1
 Ion Ratio
 119 100
 134 24.1
 91 31.1

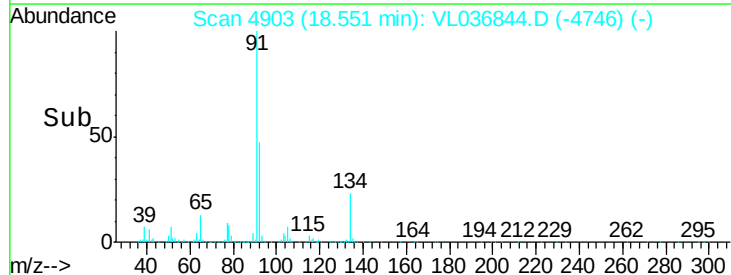
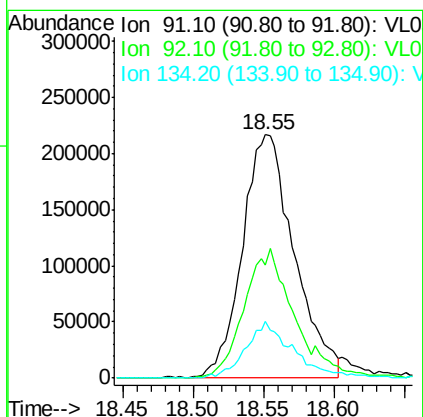
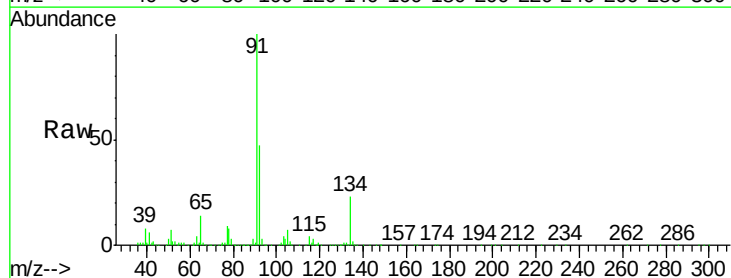
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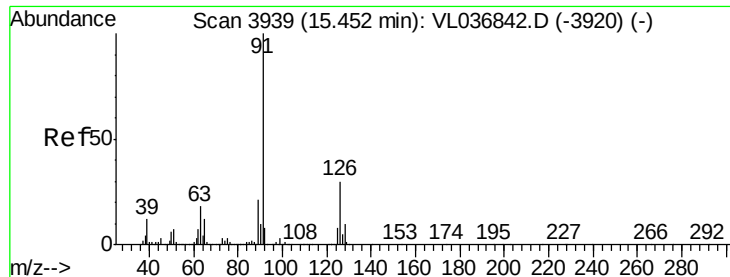
Reviewed By : Semsettin Yesilyurt 04/28/2021
 Supervised By : Mahesh Dadoda 04/29/2021



#70
 n-Butylbenzene
 Concen: 0.963 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion: 91 Resp: 552658
 Ion Ratio Lower Upper
 91 100
 92 52.9 43.6 65.4
 134 21.6 18.2 27.4



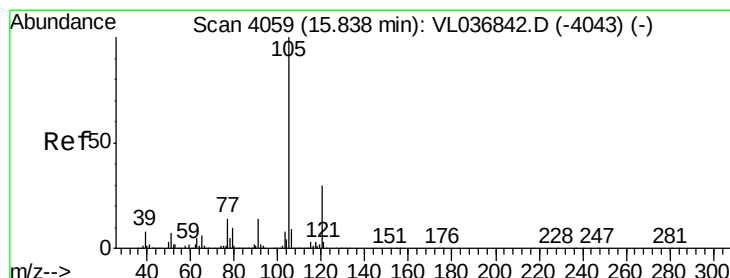
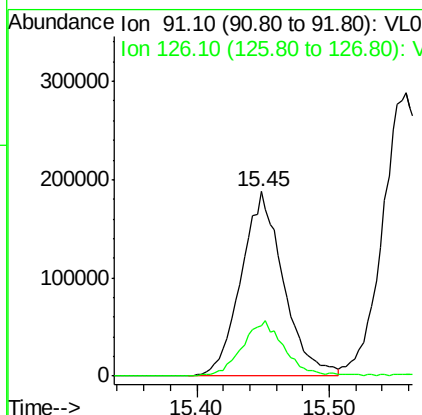
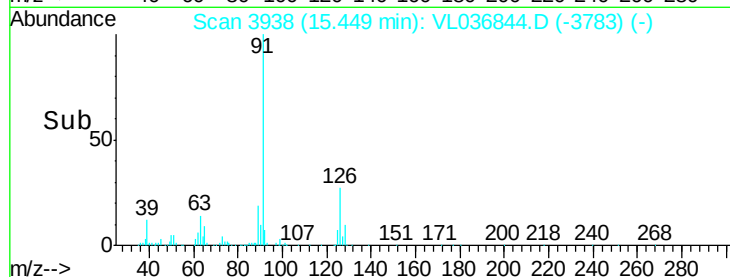
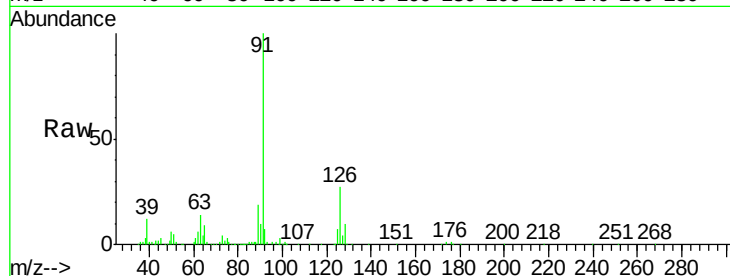


#71
 2-Chlorotoluene
 Concen: 0.965 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:
 Ion Ratio
 91 100
 126 30.

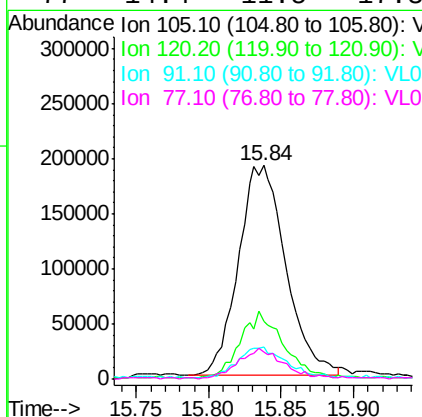
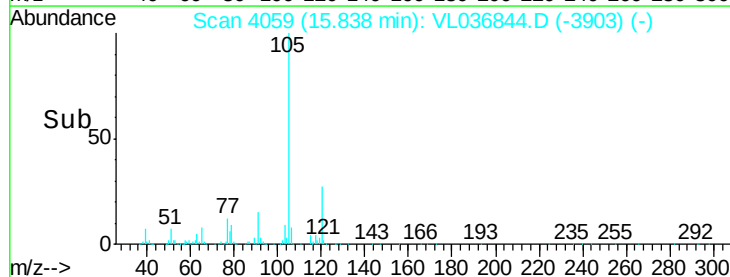
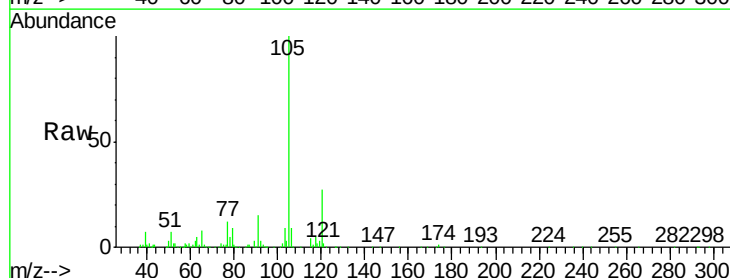
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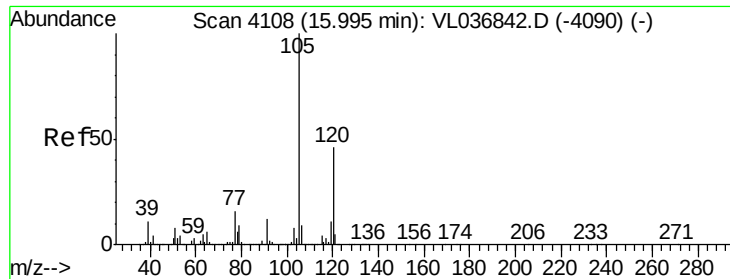
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#72
 4-Ethyltoluene
 Concen: 0.927 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:105 Resp: 435838
 Ion Ratio Lower Upper
 105 100
 120 30.0 23.8 35.6
 91 15.3 10.7 16.1
 77 14.4 11.5 17.3





#73

1,3,5-Trimethylbenzene

Concen: 0.965 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:1

Ion Ratio

105 100

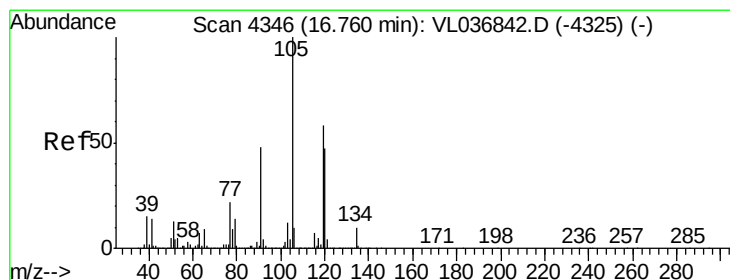
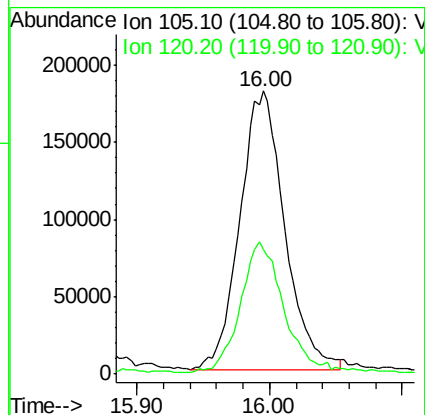
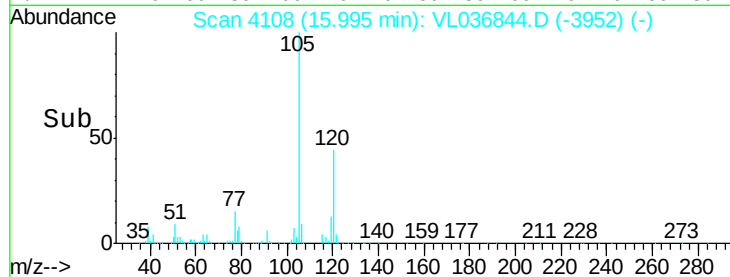
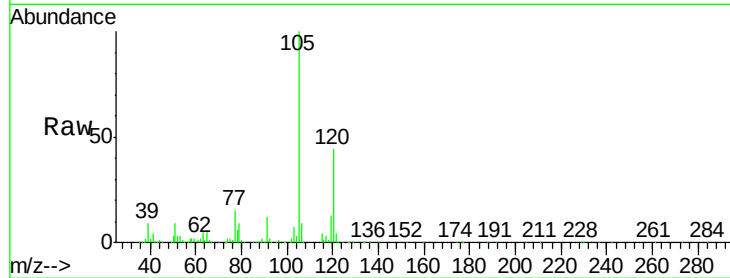
120 44.

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 0.997 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

Tgt Ion:105 Resp: 469970

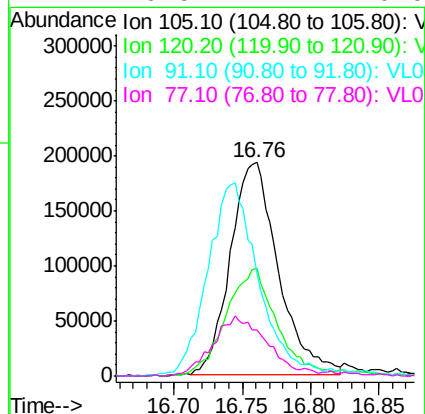
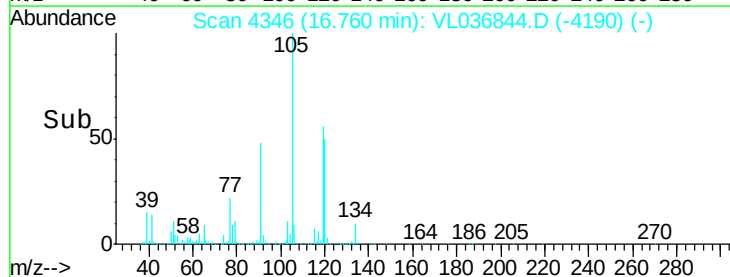
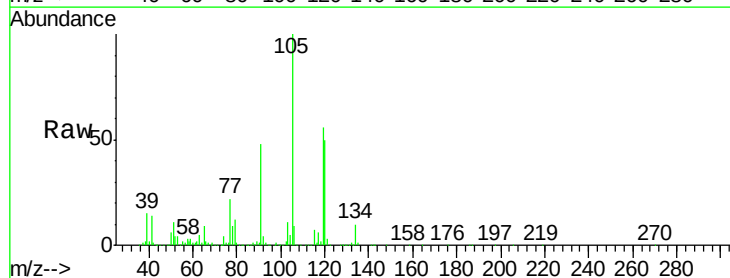
Ion Ratio Lower Upper

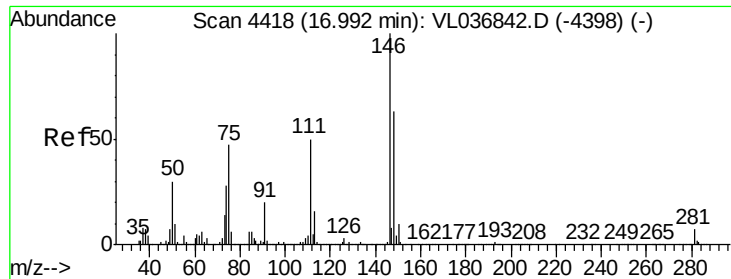
105 100

120 47.9 37.6 56.4

91 45.8 39.0 58.4

77 20.5 17.4 26.0





#75

1,3-Dichlorobenzene

Concen: 1.028 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Apr 2021 2:44

Tot Ion:1

Ion Rati

146 100

111 47.

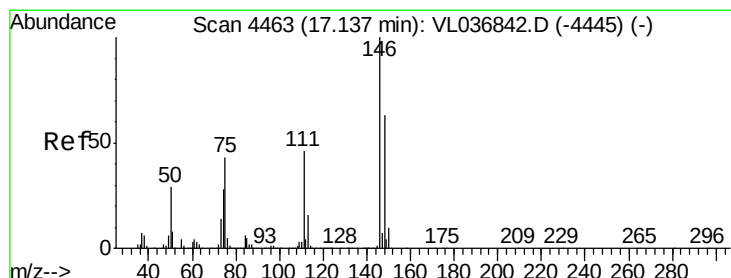
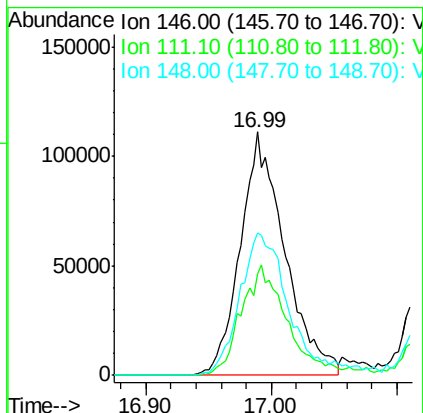
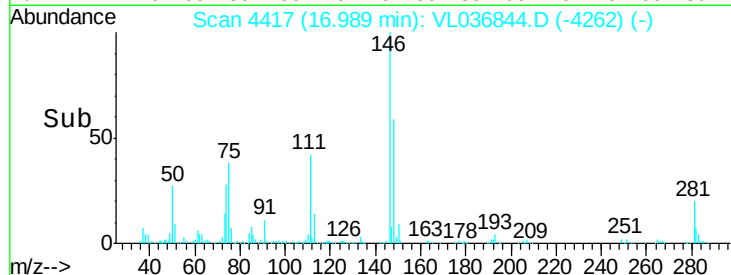
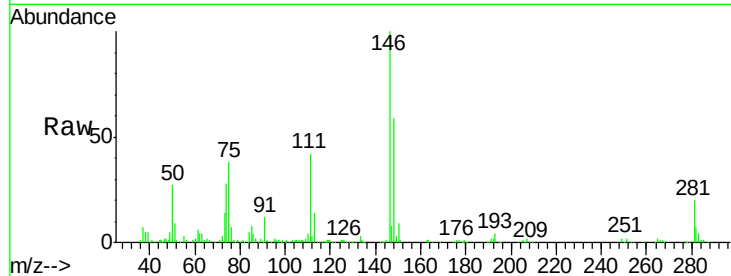
148 65.

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Reviewed By :Semsettin Yesilyurt 04/28/2021

Supervised By :Mahesh Dadoda 04/29/2021



#76

1,4-Dichlorobenzene

Concen: 1.054 ppbv m

RT: 17.13 min Scan# 4462

Delta R.T. -0.00 min

Lab File: VL036844.D

Acq: 27 Apr 2021 2:44

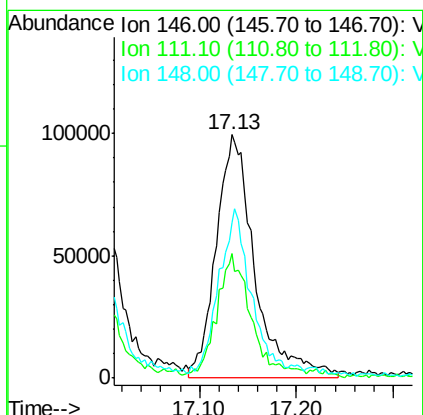
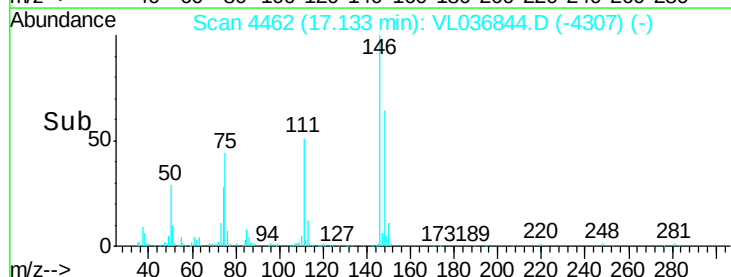
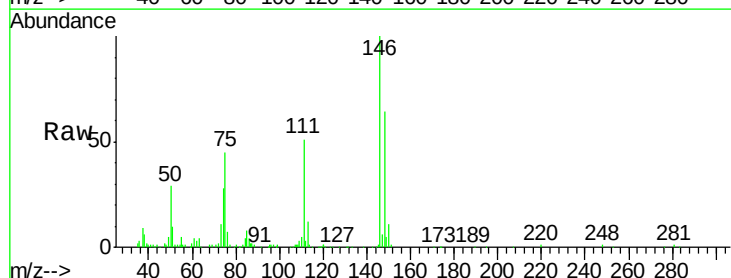
Tgt Ion:146 Resp: 277492

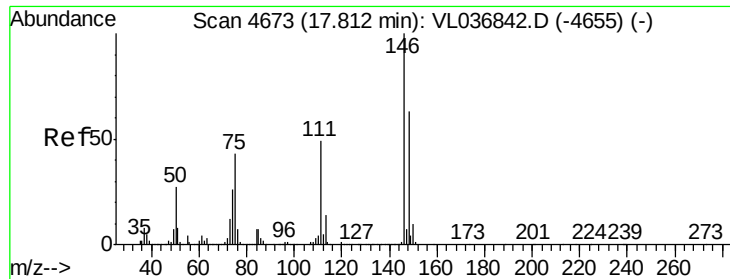
Ion Ratio Lower Upper

146 100

111 46.6 24.0 72.0

148 62.2 32.8 98.3



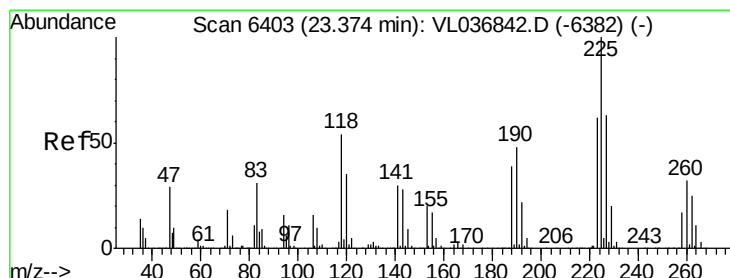
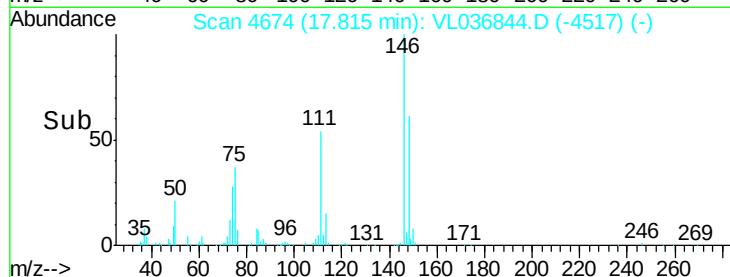
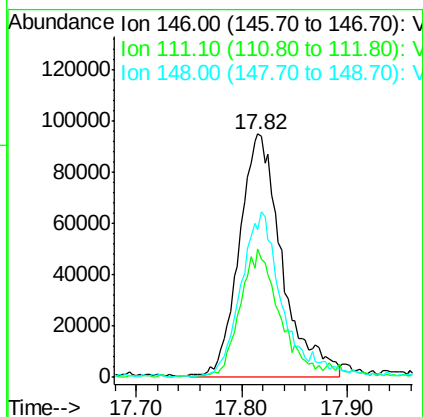
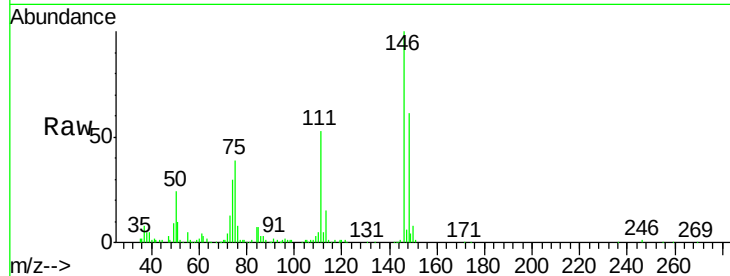


#77
 1,2-Dichlorobenzene
 Concen: 1.074 ppbv m
 RT: 17.82
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2:44

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 64.

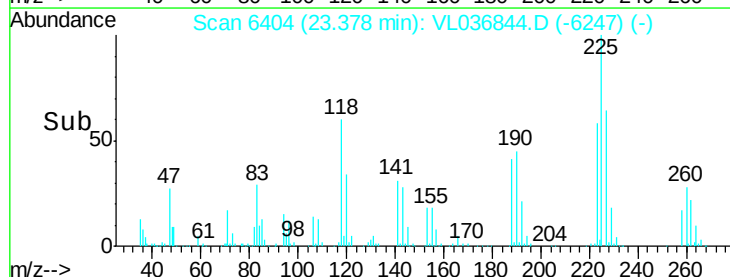
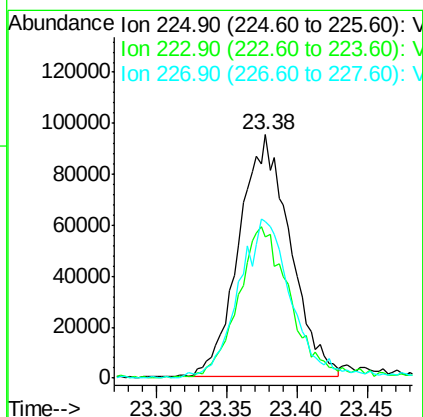
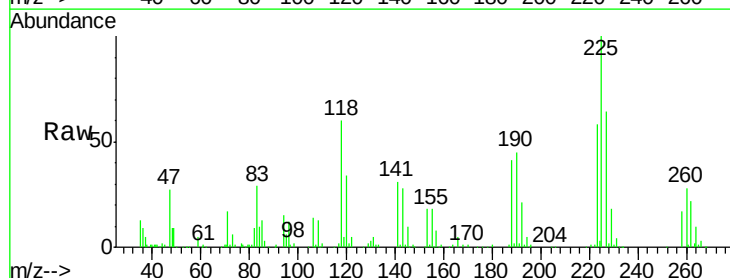
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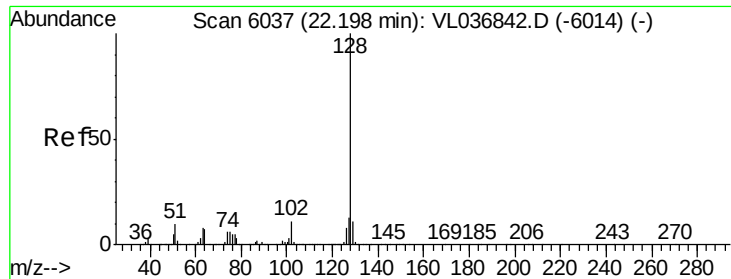
Reviewed By :Semsettin Yesilyurt 04/28/2021
 Supervised By :Mahesh Dadoda 04/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 1.066 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T. 0.00 min
 Lab File: VL036844.D
 Acq: 27 Apr 2021 2:44

Tgt Ion:225 Resp: 239141
 Ion Ratio Lower Upper
 225 100
 223 66.7 51.0 76.6
 227 68.1 51.9 77.9



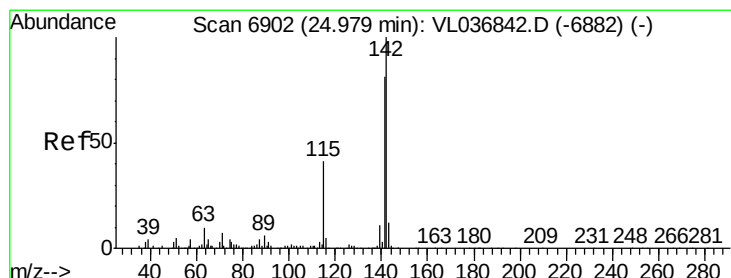
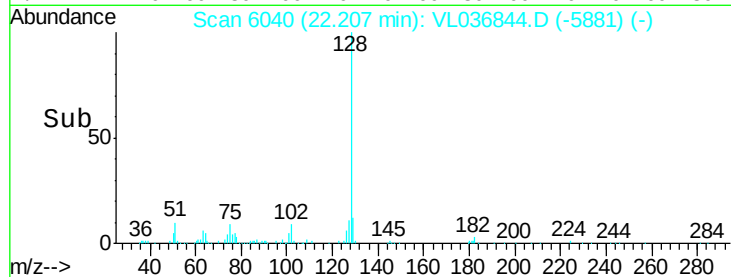
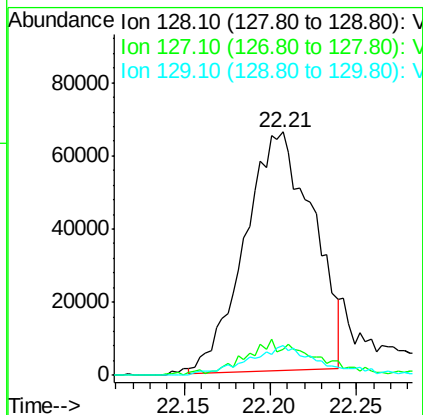
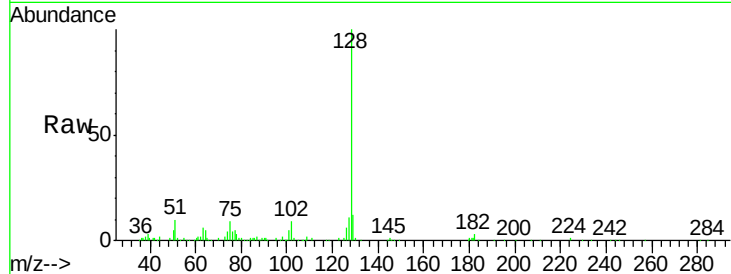


#79
Naphthalene
Concen: 0.670 ppbv
RT: 22.21 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: ClientSampleId : VSTDIC001
Acq: 27 Apr 2021 2:44

Tot Ion:1
Ion Ratio
128 100
127 9.
129 12.

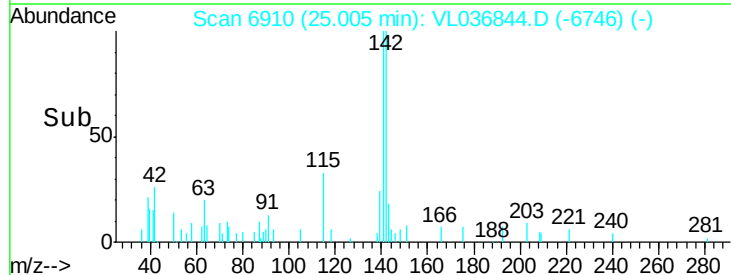
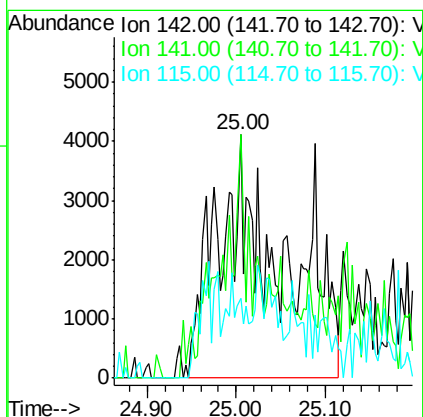
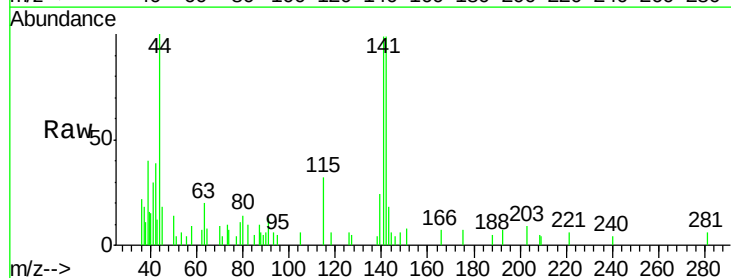
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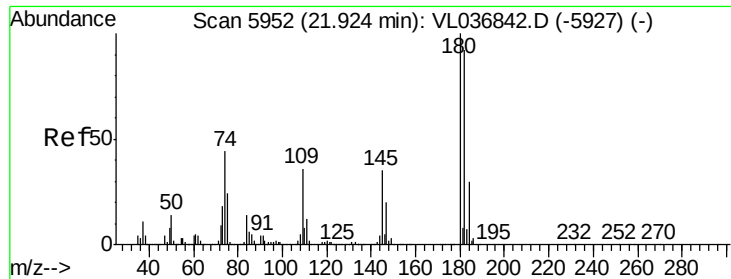
Reviewed By :Semsettin Yesilyurt 04/28/2021
Supervised By :Mahesh Dadoda 04/29/2021



#80
Naphthalene, 2-methyl-
Concen: 0.438 ppbv m
RT: 25.00 min Scan# 6910
Delta R.T. 0.03 min
Lab File: VL036844.D
Acq: 27 Apr 2021 2:44

Tgt Ion:142 Resp: 19986
Ion Ratio Lower Upper
142 100
141 0.0 67.8 101.8#
115 12.4 32.1 48.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.927 ppbv m
 RT: 21.93
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 27 Apr 2021 2.44

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

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

