

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036470.D
 Acq On : 25 Mar 2021 2:01
 Operator : SY/AP
 Sample : VSTDICCC010
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Mar 25 08:50:57 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 07:52:30 2021
 Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/01/2021
 Supervised By : Amit Patel 04/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1615984	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3985552	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3583707m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2994303	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	2466477	10.564	ppbv	100
3) Chlorodifluoromethane	2.99	51	2721525	12.905	ppbv	100
4) Chloromethane	3.14	50	997303	10.691	ppbv	100
5) Vinyl Chloride	3.26	62	1017231	11.527	ppbv	100
6) Bromomethane	3.47	94	568454	10.390	ppbv	100
7) Chloroethane	3.56	64	339527	10.301	ppbv	100
8) Dichlorotetrafluoroethane	3.19	85	2324879	10.291	ppbv	100
9) Propene	3.01	41	924400	10.767	ppbv	100
10) Heptane	8.13	43	2386899	11.250	ppbv	99
11) Trichlorofluoromethane	3.95	101	2469465	10.414	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1629334	10.705	ppbv	100
13) Ethanol	3.61	45	112526m	9.139	ppbv	
14) Bromoethene	3.74	108	693227	10.993	ppbv	100
15) Acetone	3.85	43	1387297	7.695	ppbv	100
16) 1,3-Butadiene	3.32	39	1057270	11.314	ppbv	100
17) tert-Butyl alcohol	4.29	59	1331616	9.223	ppbv	99
18) 1,1-Dichloroethene	4.29	96	725405	10.663	ppbv	100
19) Isopropyl Alcohol	3.97	45	832606	8.274	ppbv #	98
20) Methylene Chloride	4.34	84	643495	9.922	ppbv	100
21) Allyl Chloride	4.41	41	1251329	11.507	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	695045	11.211	ppbv	100
23) Vinyl Acetate	5.08	43	2695560	12.284	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1898759	11.101	ppbv	100
25) Ethyl Acetate	5.68	43	3573030	9.892	ppbv	100
26) Hexane	5.69	57	1681018	11.022	ppbv	99
27) Carbon Disulfide	4.55	76	1764015	11.746	ppbv	100
28) Methyl tert-Butyl Ether	5.04	73	2051659	10.285	ppbv	100
29) Chloroform	5.75	83	2603041	10.523	ppbv	100
30) Cyclohexane	7.13	84	1418743	11.249	ppbv	100
31) cis-1,2-Dichloroethene	5.55	61	1700580	11.513	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	2646801	10.680	ppbv	100
34) 2-Butanone	5.25	43	1844093	7.923	ppbv	100
35) Carbon Tetrachloride	7.02	117	2714820	10.353	ppbv	100
36) Benzene	6.90	78	3458149	10.892	ppbv	100
37) 1,2-Dichloroethane	6.31	62	2025317	10.211	ppbv	99
38) Trichloroethene	7.84	130	1236202	10.375	ppbv	100
39) 1,2-Dichloropropane	7.62	63	1389388	10.252	ppbv	100
40) 1,4-Dioxane	7.84	88	312399	7.544	ppbv	100
41) Tetrahydrofuran	6.05	42	917175m	7.428	ppbv	
42) Bromodichloromethane	7.80	83	2825895	10.541	ppbv	100
43) Methyl Methacrylate	8.02	69	1284051	10.340	ppbv	100

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 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Quant Time: Mar 25 08:50:57 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

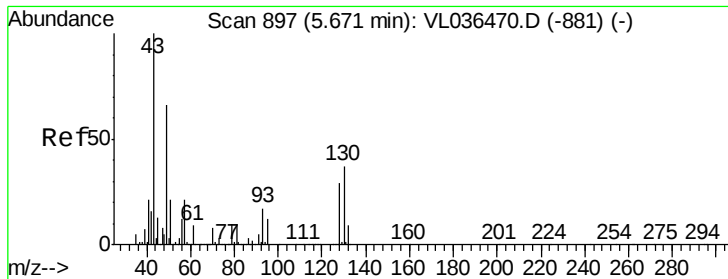
QLast Update : Thu Mar 25 07:52:30 2021

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/01/2021
 Supervised By : Amit Patel 04/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5773083	10.036	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1533519	12.359	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1892104	11.676	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	1387441	10.350	ppbv	100
48) Dibromochloromethane	10.31	129	2319151	11.395	ppbv	100
49) Bromoform	13.05	173	1904178	11.465	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	2815367	8.396	ppbv	100
51) 2-Hexanone	10.14	43	1567393	6.582	ppbv	100
52) Tetrachloroethene	11.23	164	1192130	10.075	ppbv	100
53) Toluene	9.81	91	3887028	11.356	ppbv	100
54) 1,2-Dibromoethane	10.62	107	2017679	10.464	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1547473	9.659	ppbv	97
57) Chlorobenzene	12.15	112	2786247	10.447	ppbv	100
58) Ethyl Benzene	12.72	91	5155245	11.213	ppbv	100
59) m/p-Xylene	13.00	91	8646014m	21.396	ppbv	
60) o-Xylene	13.70	91	4082766	10.519	ppbv	100
61) Styrene	13.54	104	2467515	10.809	ppbv	100
62) Isopropylbenzene	14.67	105	5537234	9.634	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2872058	9.567	ppbv	100
64) n-propylbenzene	15.57	120	1424247	9.952	ppbv	100
65) tert-Butylbenzene	16.75	119	4764372	9.533	ppbv	100
66) Benzyl Chloride	17.00	91	617871	5.286	ppbv	100
67) sec-Butylbenzene	17.30	105	6644069	9.534	ppbv	100
69) p-Isopropyltoluene	17.66	119	5459729	9.790	ppbv	100
70) n-Butylbenzene	18.56	91	5625202	9.767	ppbv	100
71) 2-Chlorotoluene	15.46	91	4268965	9.912	ppbv	100
72) 4-Ethyltoluene	15.85	105	4733241	11.202	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	4336643	10.651	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	4396804	10.176	ppbv	100
75) 1,3-Dichlorobenzene	17.00	146	2527647	10.454	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	2467478	10.225	ppbv	100
77) 1,2-Dichlorobenzene	17.83	146	2376153	10.104	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1869750	9.797	ppbv	100
79) Naphthalene	22.20	128	3295206	12.808	ppbv	100
80) Naphthalene, 2-methyl-	24.98	142	872116	15.928	ppbv	99
81) 1,2,4-Trichlorobenzene	21.94	180	1823353	12.127	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01 VSTDICCC010

Tot Ion:

Ion Ratio

49 100

128 47.

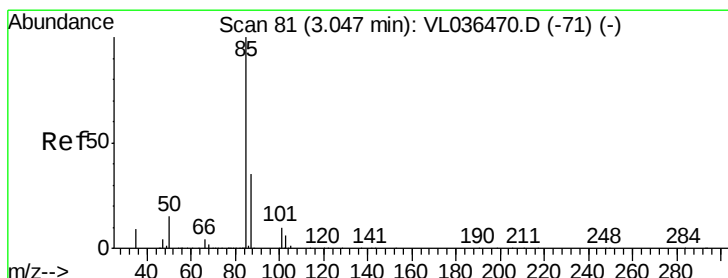
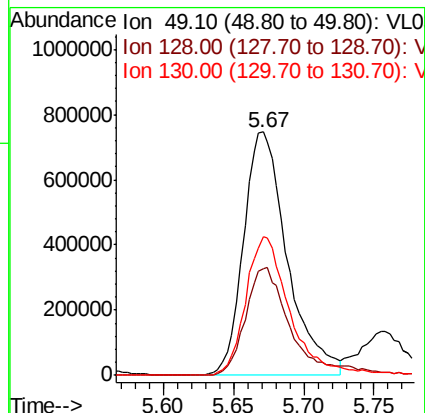
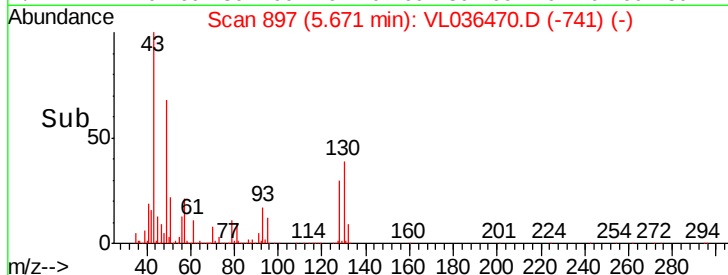
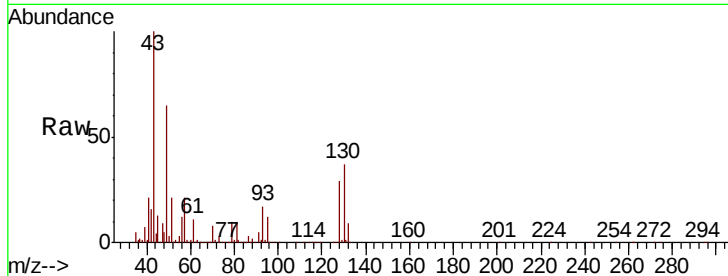
130 58.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#2

Dichlorodifluoromethane

Concen: 10.564 ppbv

RT: 3.05 min Scan# 81

Delta R.T. 0.00 min

Lab File: VL036470.D

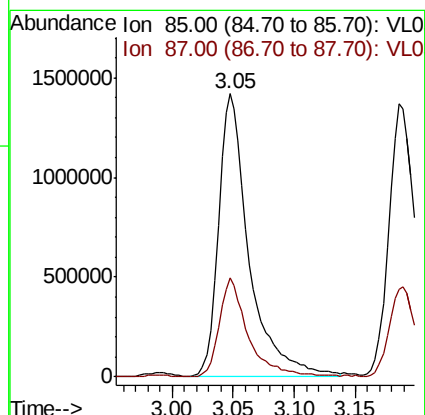
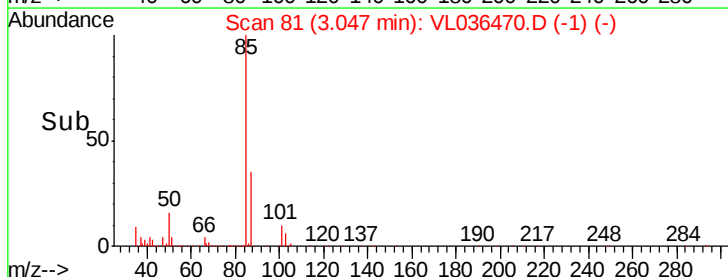
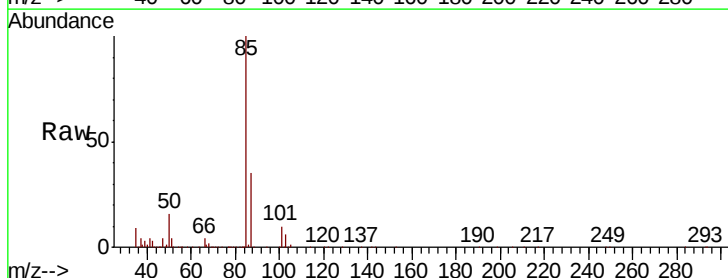
Acq: 25 Mar 2021 2:01

Tgt Ion: 85 Resp: 2466477

Ion Ratio Lower Upper

85 100

87 34.8 27.8 41.8



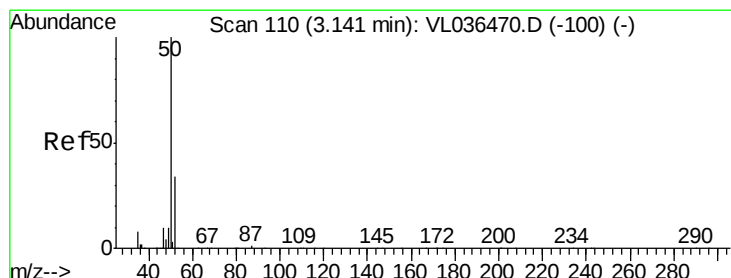
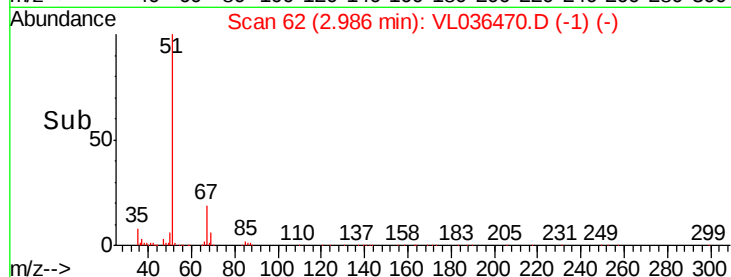
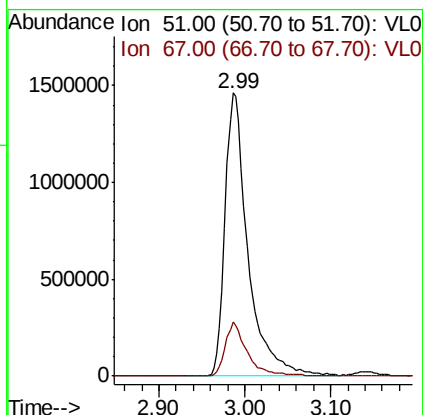
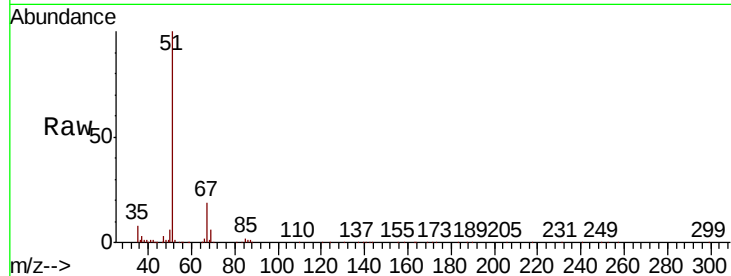


#3
Chlorodifluoromethane
Concen: 12.905 ppbv
RT: 2.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
51 100
67 18.

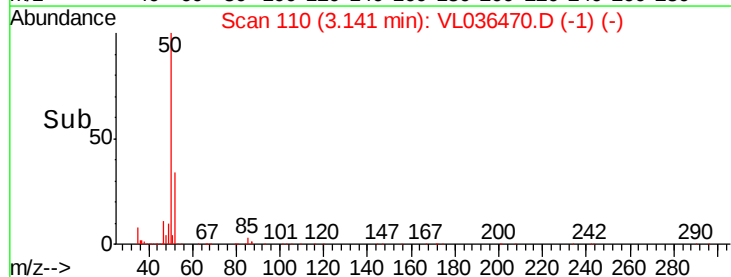
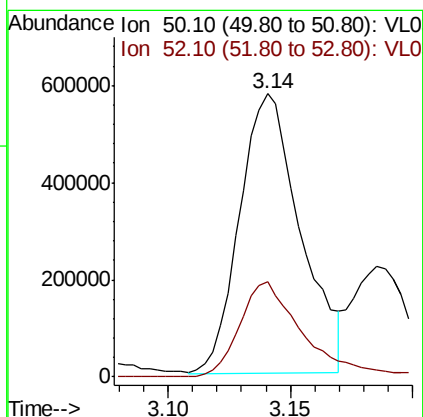
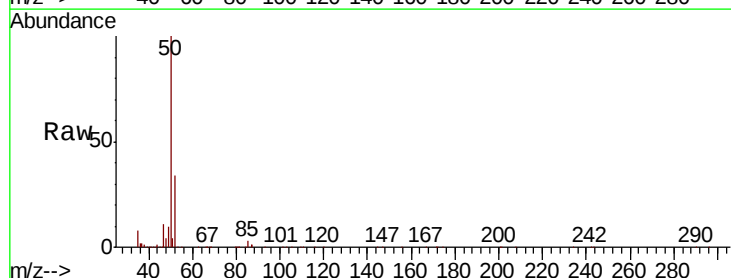
Manual Integrations
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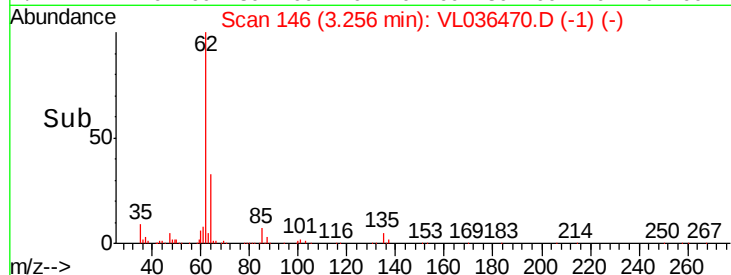
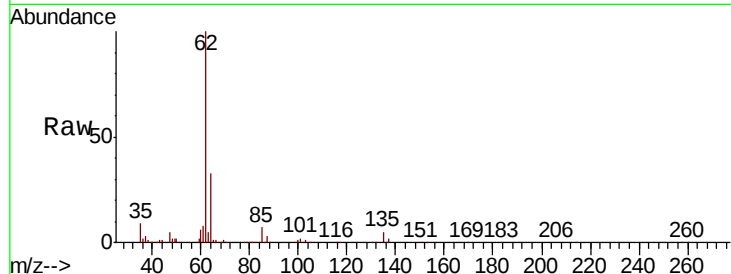
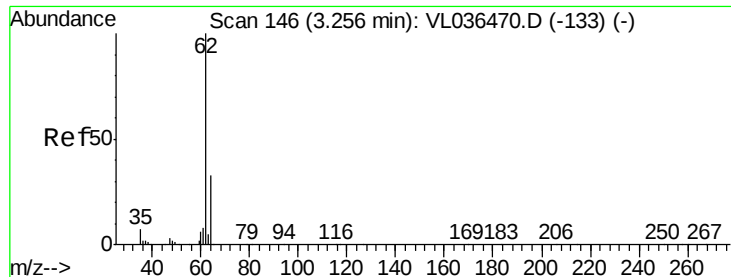
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#4
Chloromethane
Concen: 10.691 ppbv
RT: 3.14 min Scan# 110
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 50 Resp: 997303
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6





#5

Vinyl Chloride

Concen: 11.527 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01 VSTDICCC010

Tot Ion:

Ion Ratio

62 100

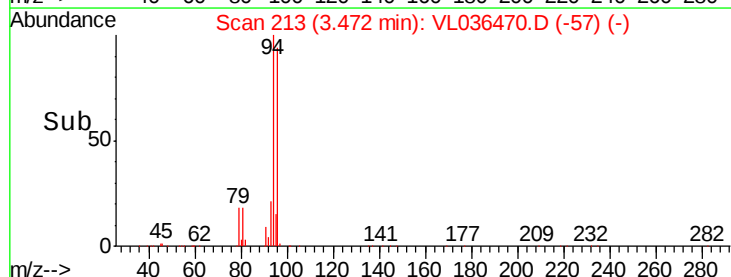
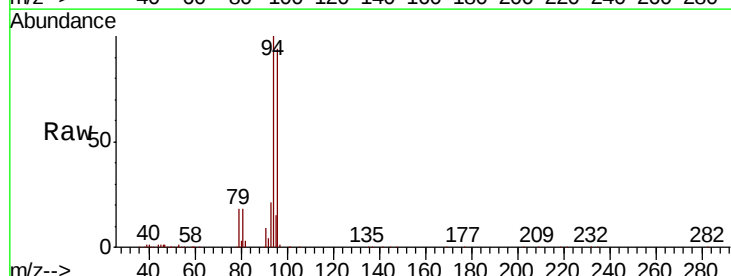
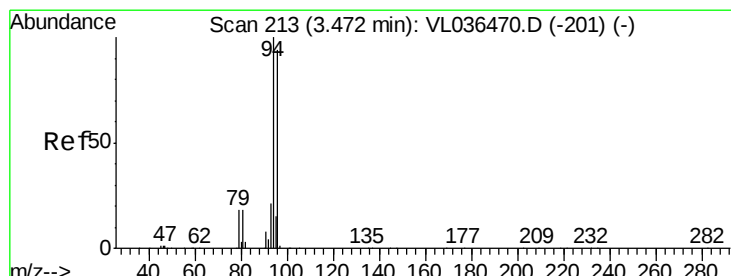
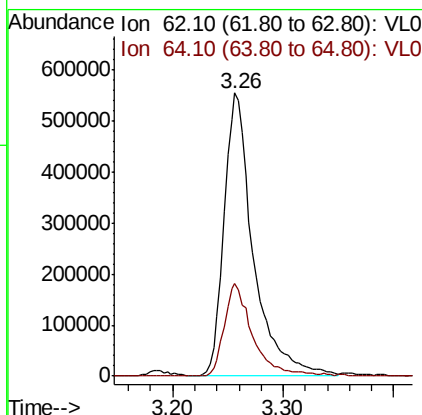
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#6

Bromomethane

Concen: 10.390 ppbv

RT: 3.47 min Scan# 213

Delta R.T. 0.00 min

Lab File: VL036470.D

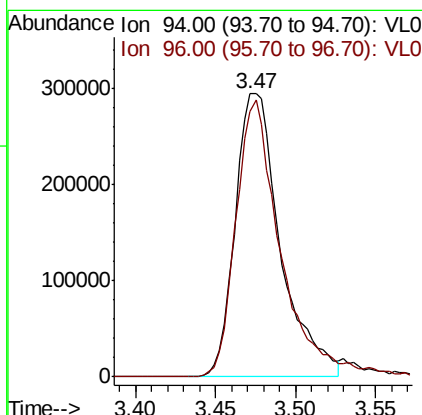
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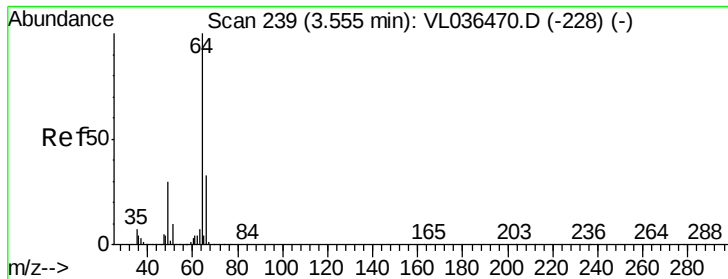
Tgt Ion: 94 Resp: 568454

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3





#7

Chloroethane

Concen: 10.301 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01 VSTDICCC010

Tot Ion:

Ion Ratio

64 100

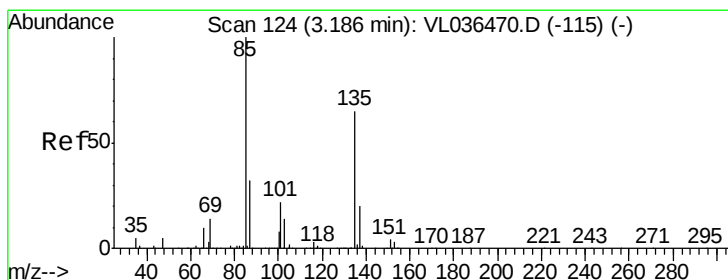
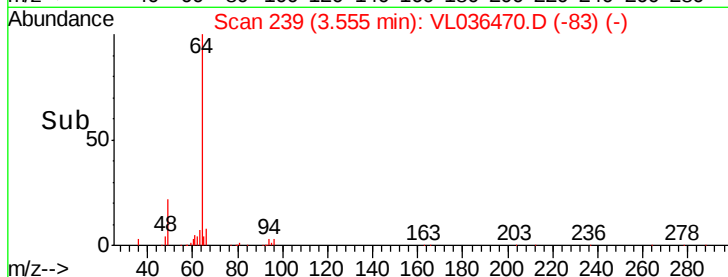
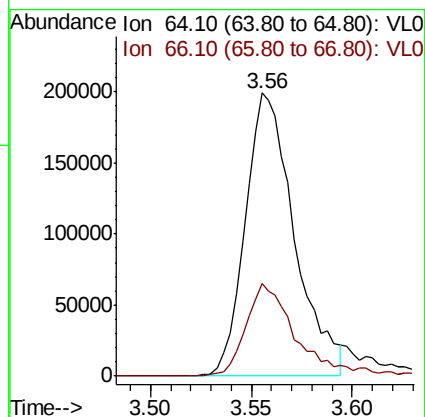
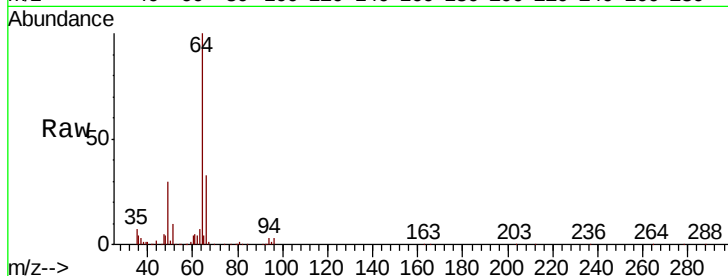
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#8

Dichlorotetrafluoroethane

Concen: 10.291 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL036470.D

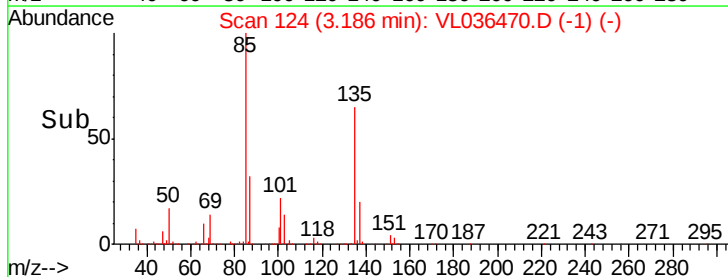
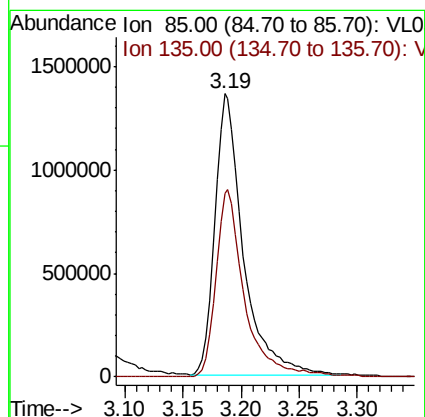
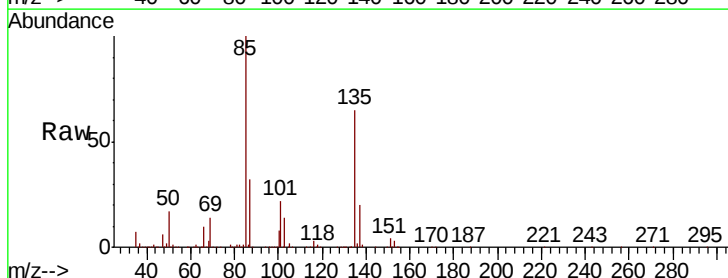
Acq: 25 Mar 2021 2:01

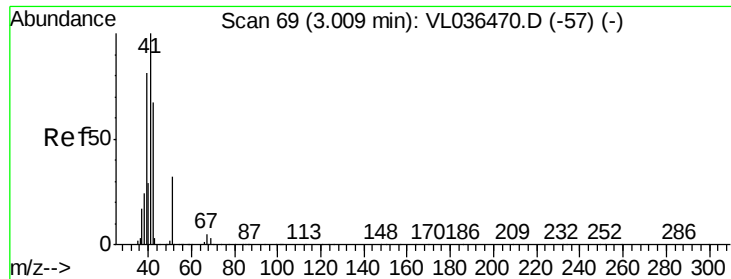
Tgt Ion: 85 Resp: 2324879

Ion Ratio Lower Upper

85 100

135 67.9 54.3 81.5



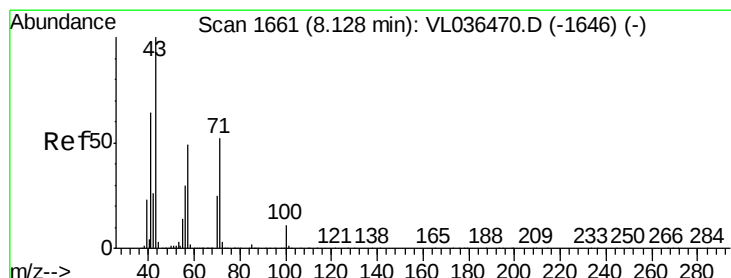
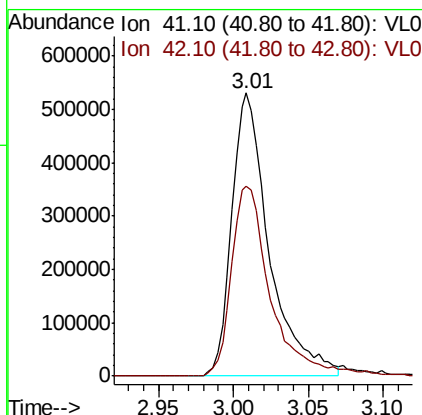
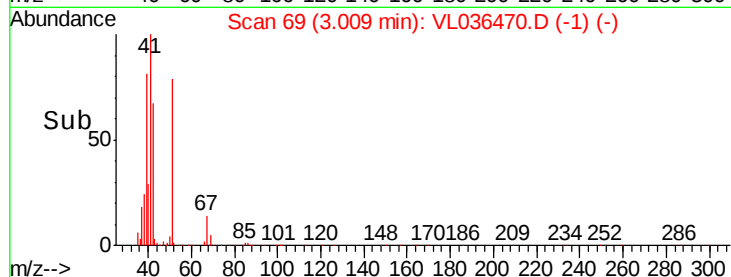
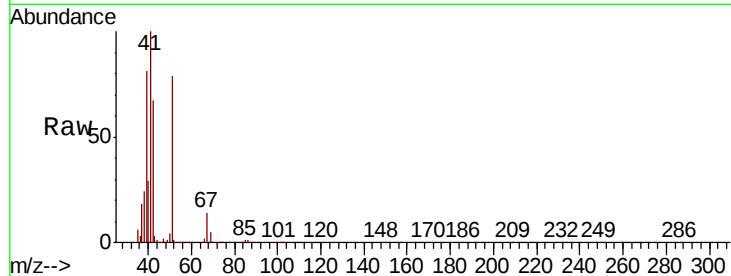


#9
 Propene
 Concen: 10.767 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 41 100
 42 71.

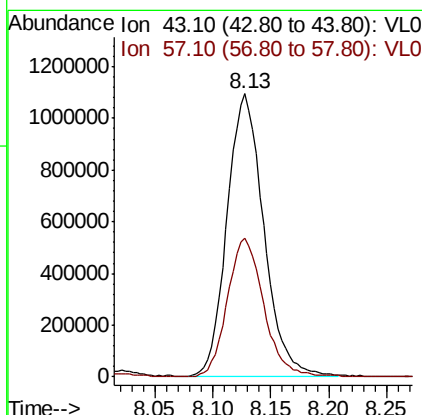
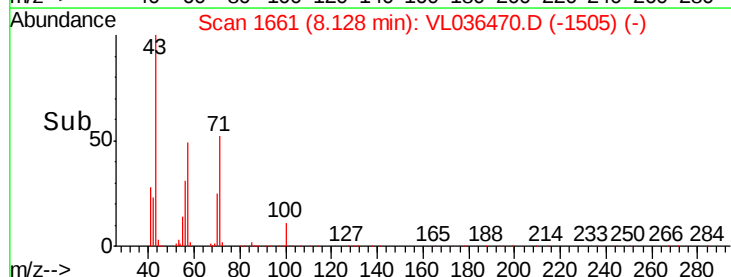
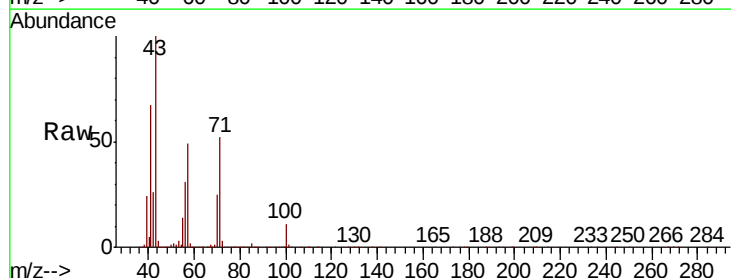
Manual Integrations
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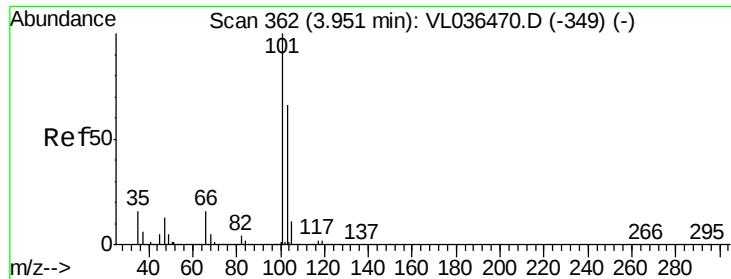
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#10
 Heptane
 Concen: 11.250 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 43 Resp: 2386899
 Ion Ratio Lower Upper
 43 100
 57 48.8 39.4 59.0



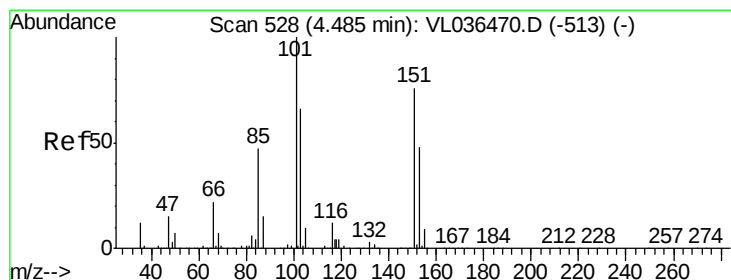
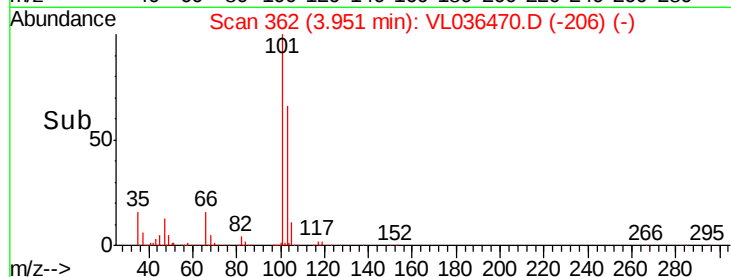
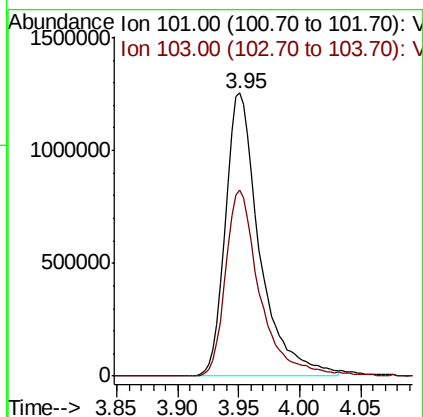
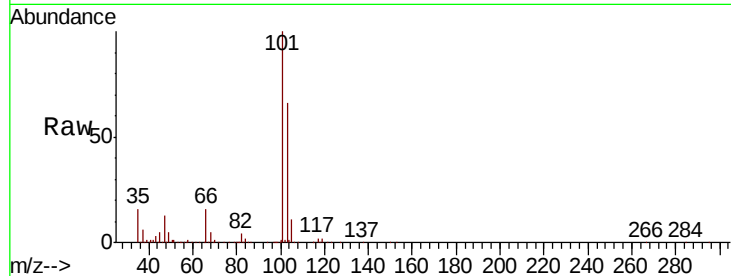


#11
 Trichlorofluoromethane
 Concen: 10.414 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:1
 Ion Rati
 101 100
 103 65.

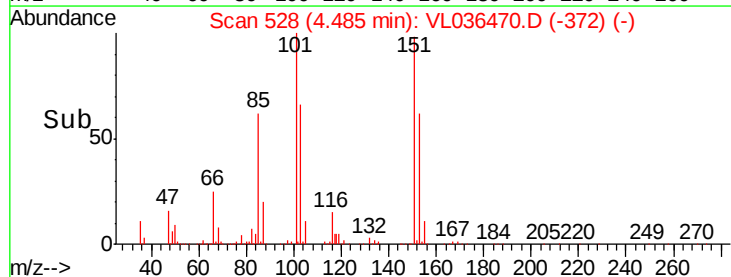
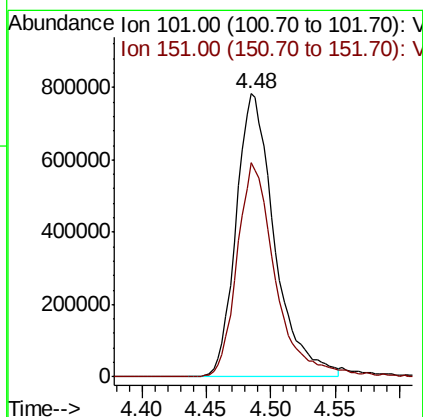
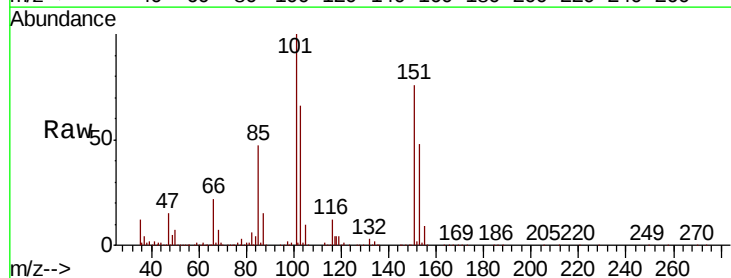
Manual Integrations
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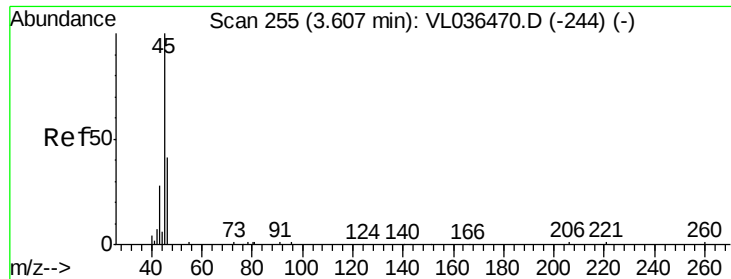
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.705 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:101 Resp: 1629334
 Ion Ratio Lower Upper
 101 100
 151 76.1 60.9 91.3



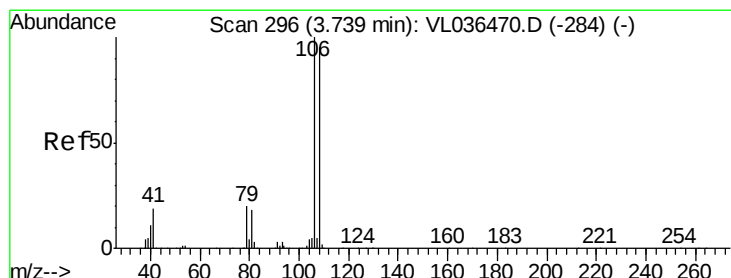
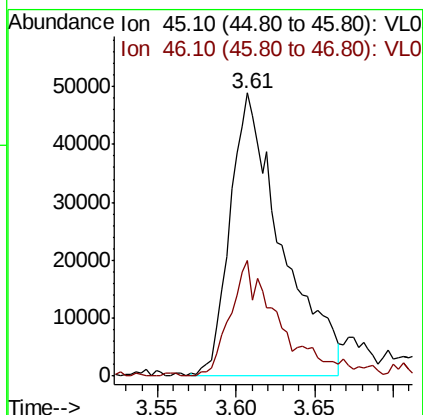
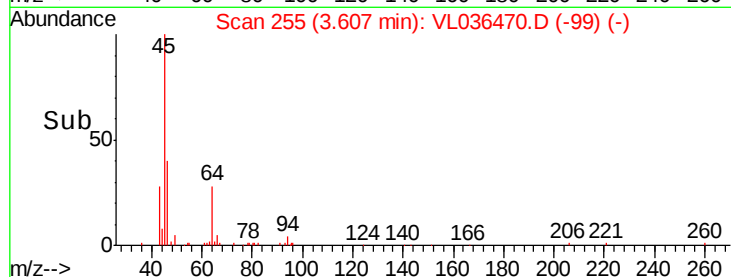
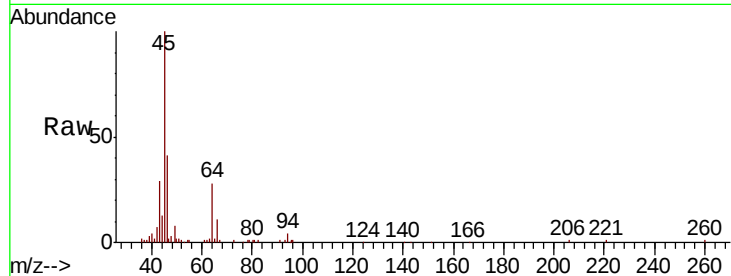


#13
Ethanol
Concen: 9.139 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
45 100
46 41.

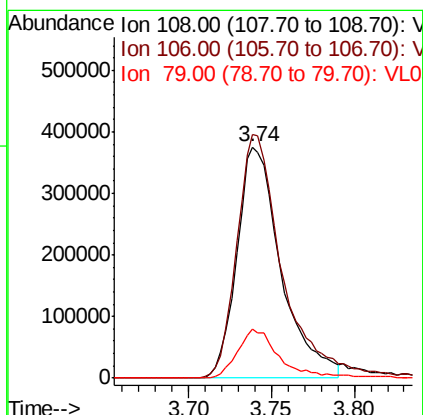
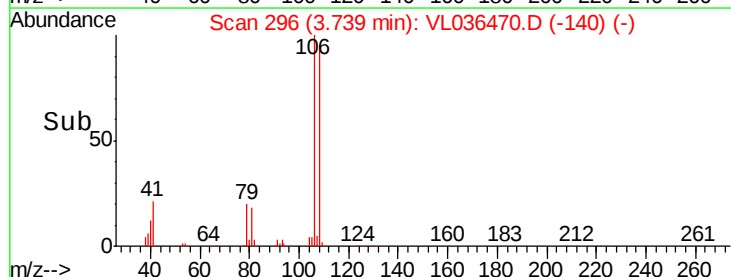
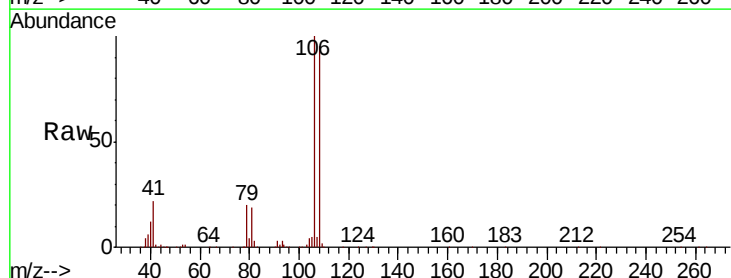
Manual Integrations
APPROVED

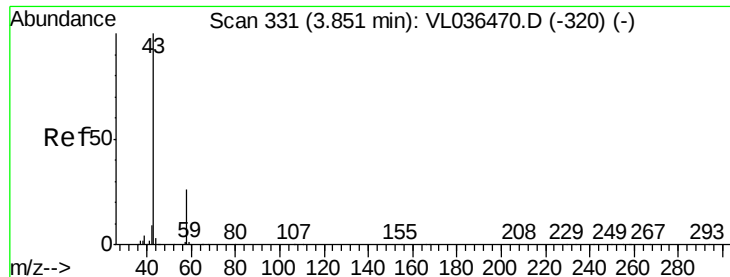
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#14
Bromoethene
Concen: 10.993 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:108 Resp: 693227
Ion Ratio Lower Upper
108 100
106 111.3 89.0 133.4
79 20.8 16.8 25.2





#15

Acetone

Concen: 7.695 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:

Ion Ratio

43 100

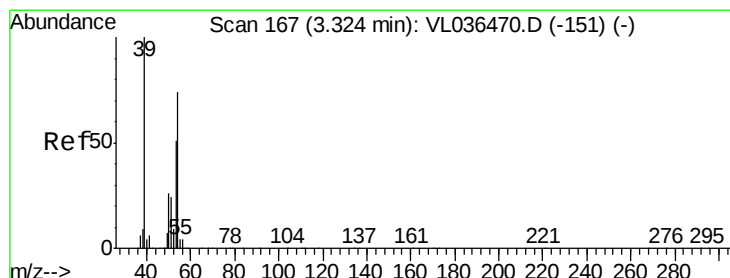
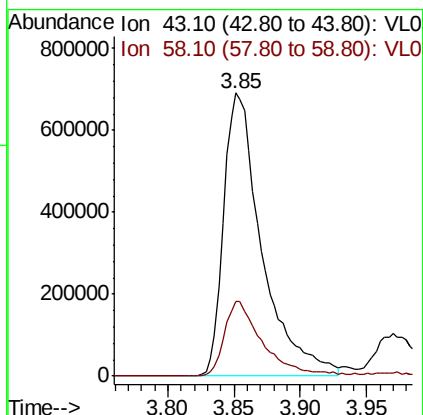
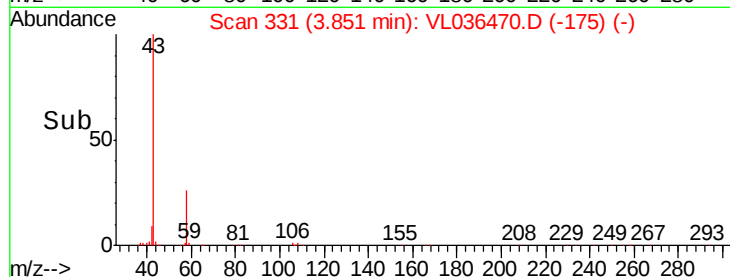
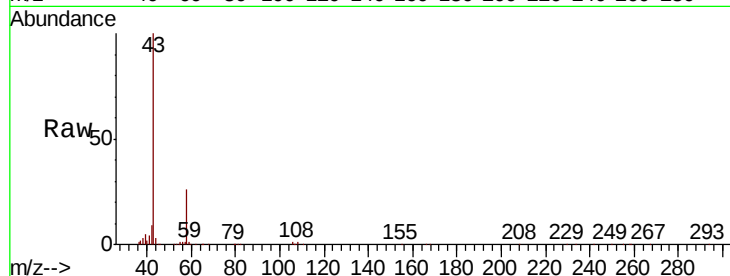
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#16

1,3-Butadiene

Concen: 11.314 ppbv

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL036470.D

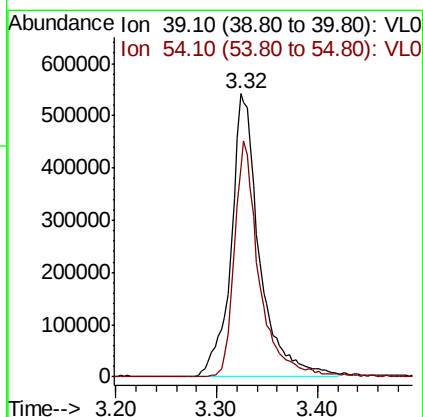
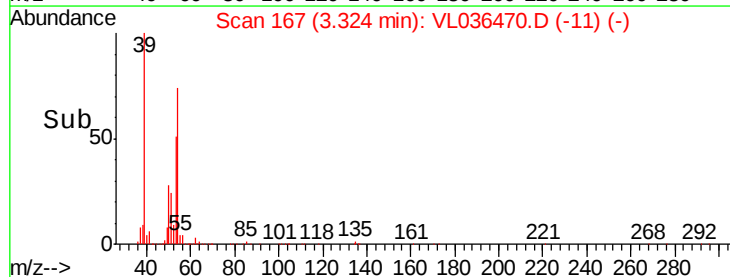
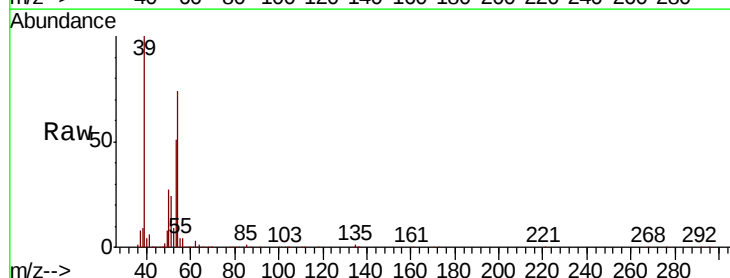
Acq: 25 Mar 2021 2:01

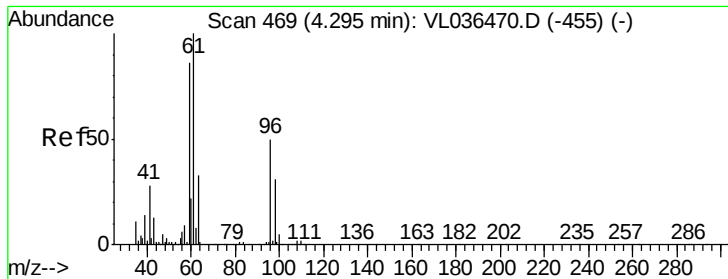
Tgt Ion: 39 Resp: 1057270

Ion Ratio Lower Upper

39 100

54 73.5 59.0 88.4





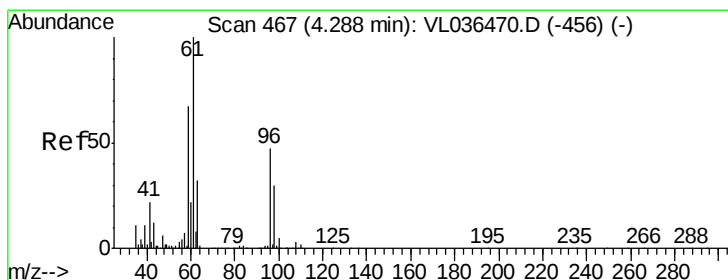
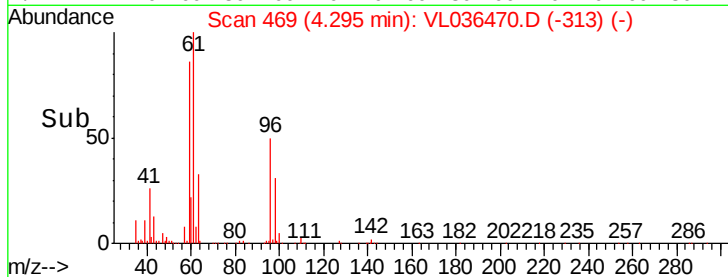
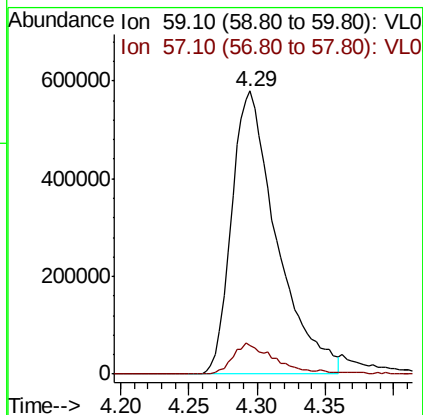
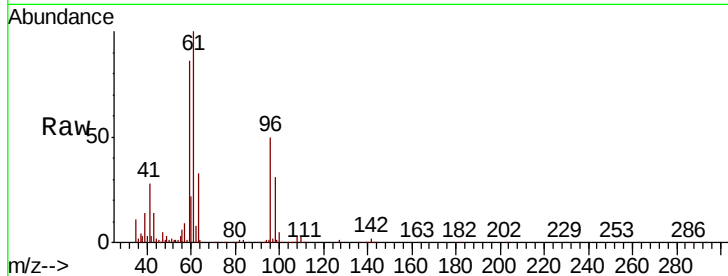
#17

tert-Butyl alcohol
Concen: 9.223 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
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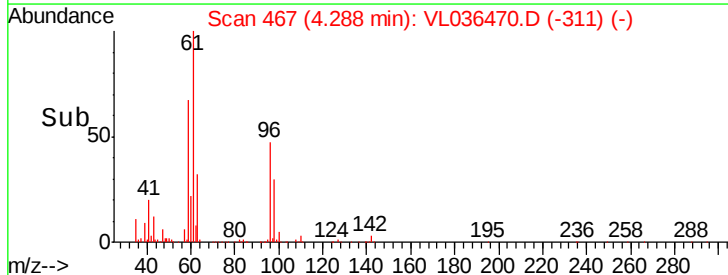
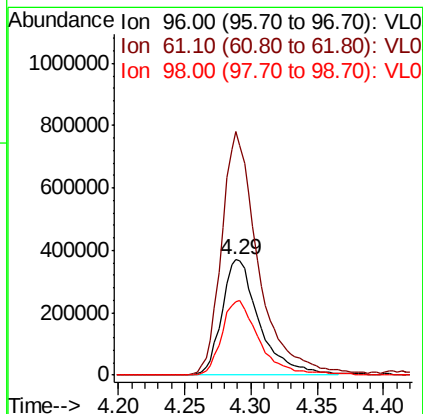
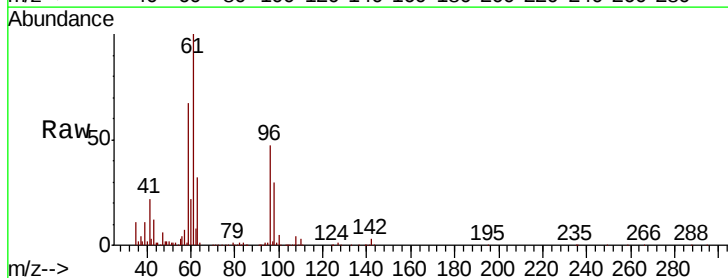
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021

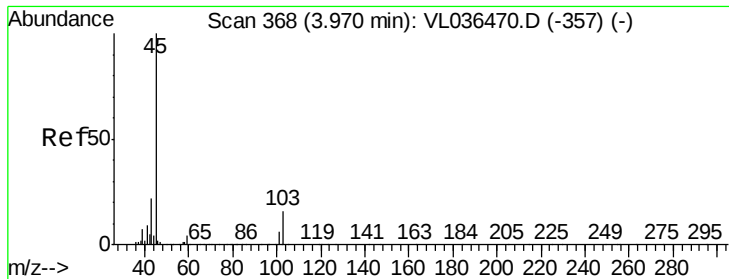


#18

1,1-Dichloroethene
Concen: 10.663 ppbv
RT: 4.29 min Scan# 467
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 96 Resp: 725405
Ion Ratio Lower Upper
96 100
61 210.8 168.6 253.0
98 63.5 50.8 76.2





#19

Isopropyl Alcohol

Concen: 8.274 ppbv

RT: 3.97

Delta R.T. MSVOA.L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:

Ion Ratio

45 100

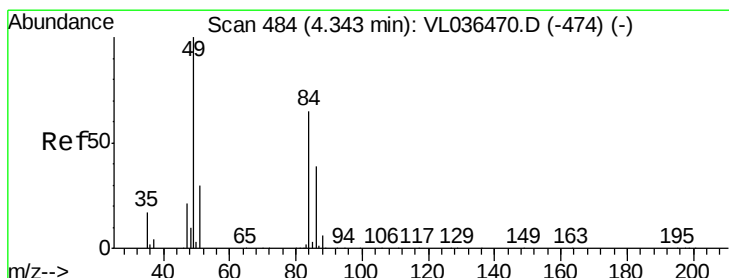
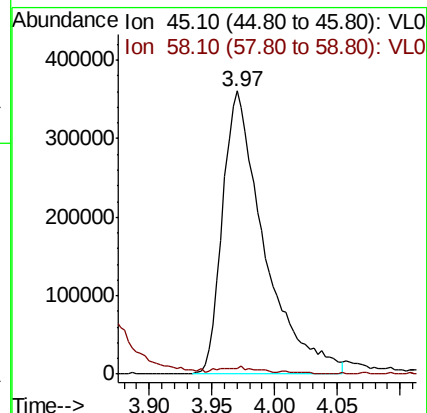
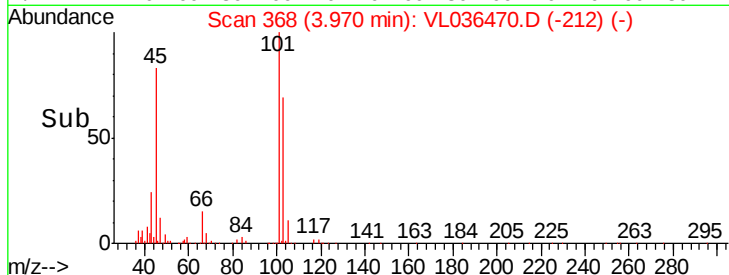
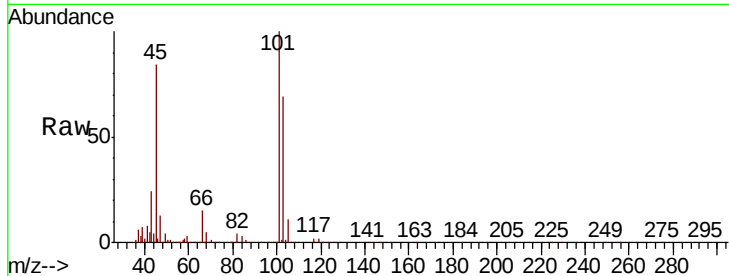
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#20

Methylene Chloride

Concen: 9.922 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion: 84 Resp: 643495

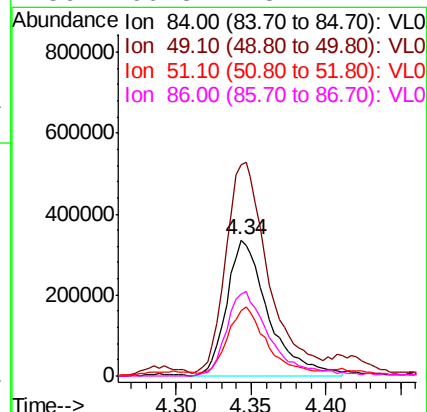
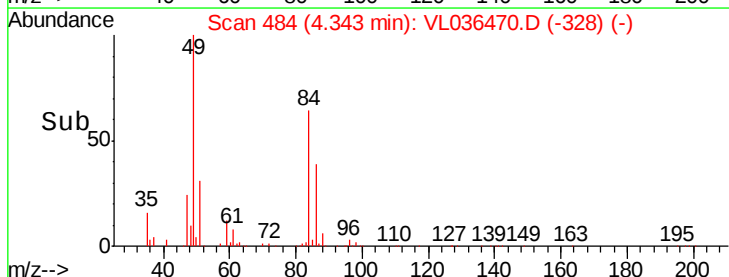
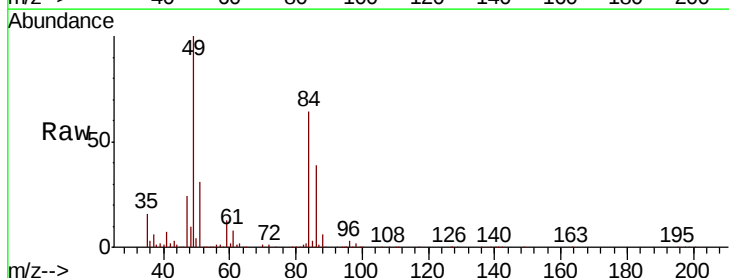
Ion Ratio Lower Upper

84 100

49 153.6 122.9 184.3

51 46.1 36.9 55.3

86 60.3 48.2 72.4



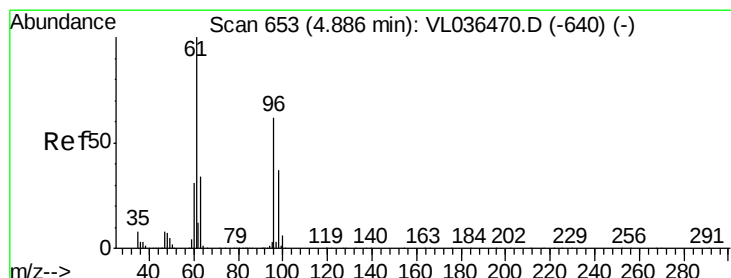
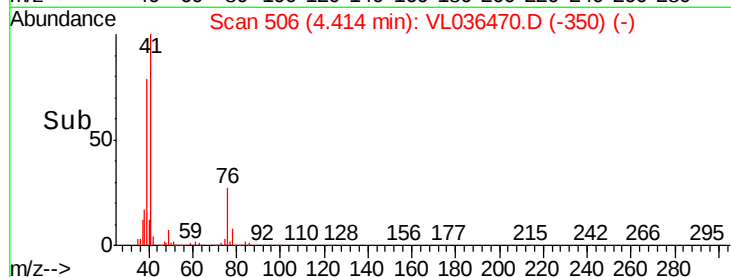
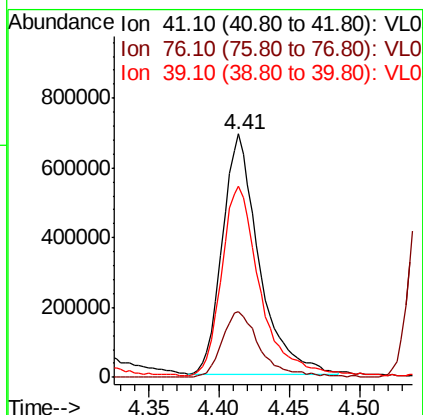
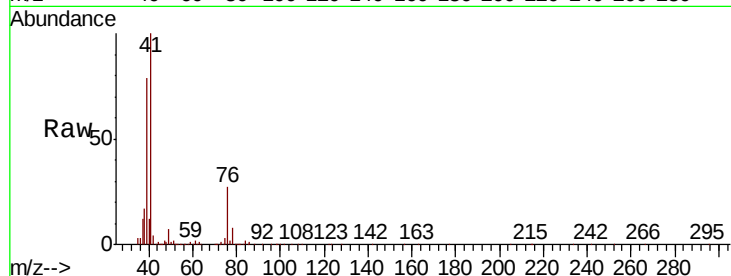


#21
 Allvl Chloride
 Concen: 11.507 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 41 100
 76 28.
 39 84.

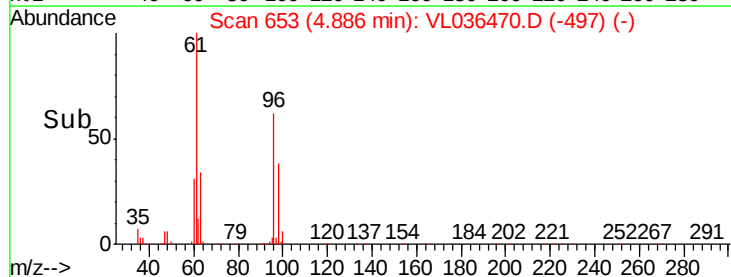
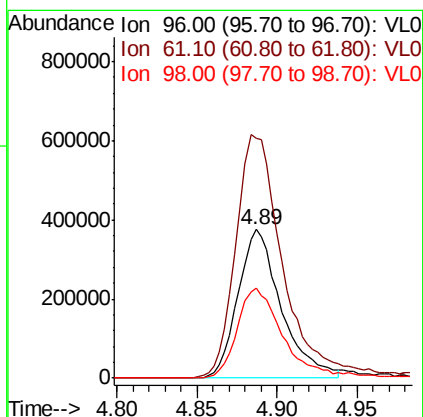
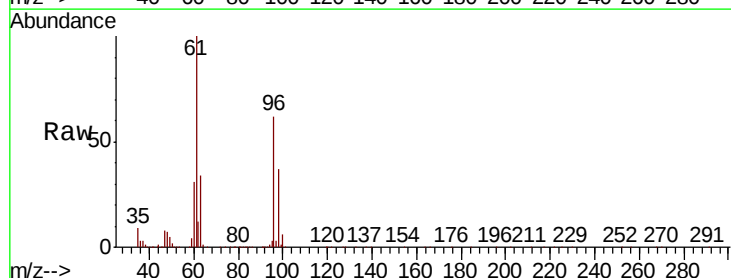
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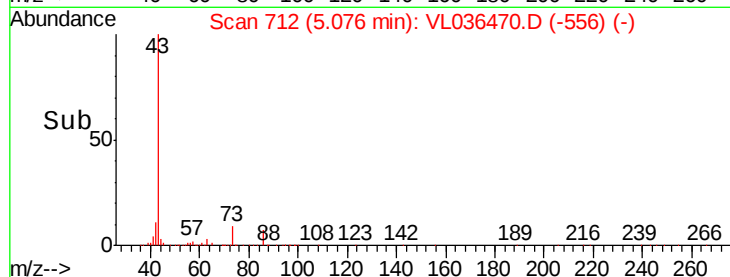
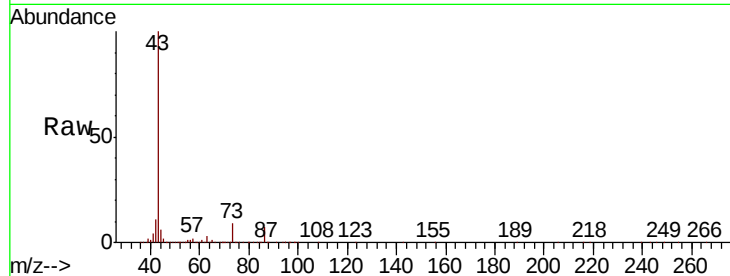
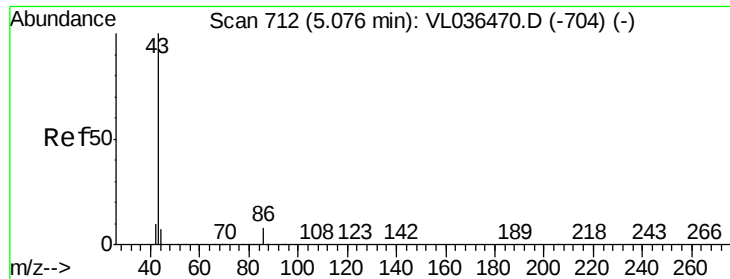
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#22
 trans-1,2-Dichloroethene
 Concen: 11.211 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 96 Resp: 695045
 Ion Ratio Lower Upper
 96 100
 61 161.7 129.4 194.0
 98 60.3 48.2 72.4



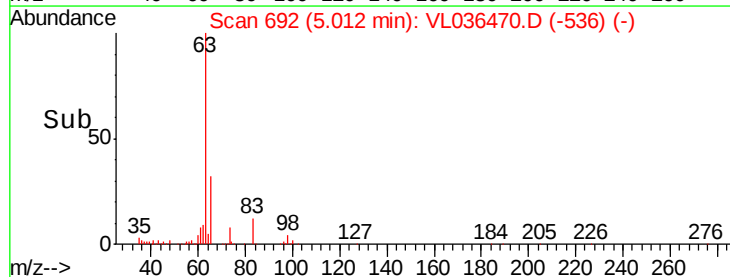
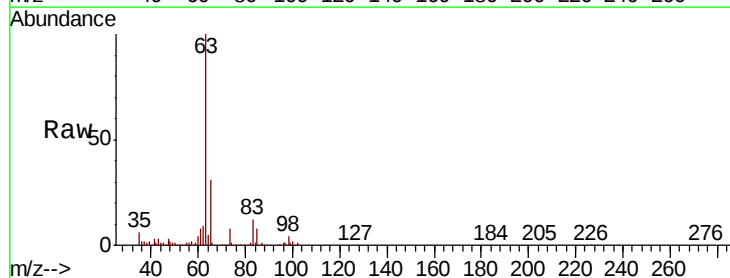
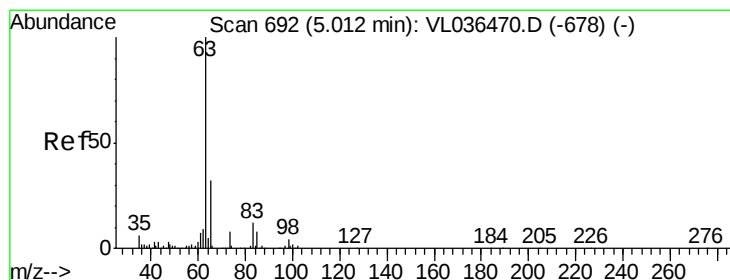
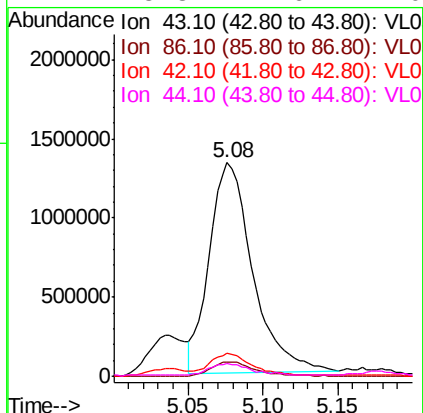


#23
 Vinyl Acetate
 Concen: 12.284 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 5.8 4.6 7.0

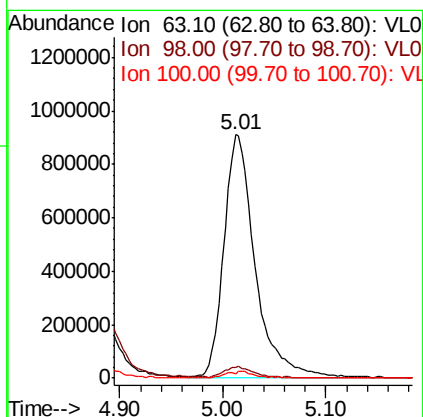
Manual Integrations
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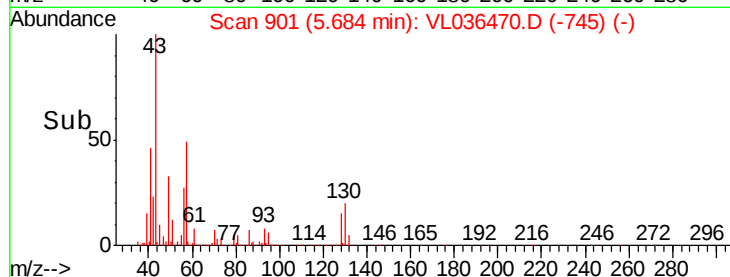
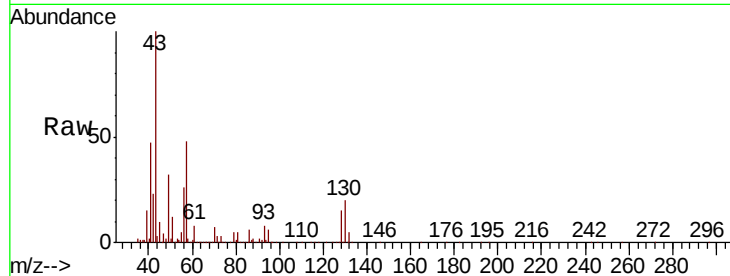
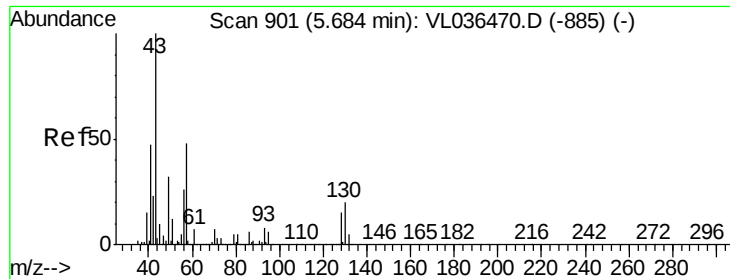
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#24
 1,1-Dichloroethane
 Concen: 11.101 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 63 Resp: 1898759
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 1.9 0.9 2.8



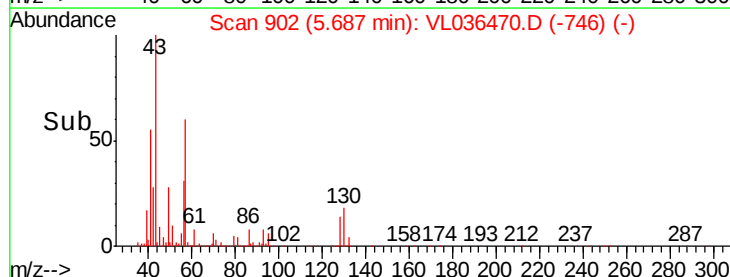
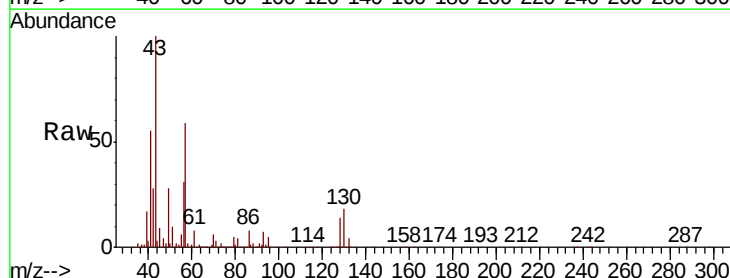
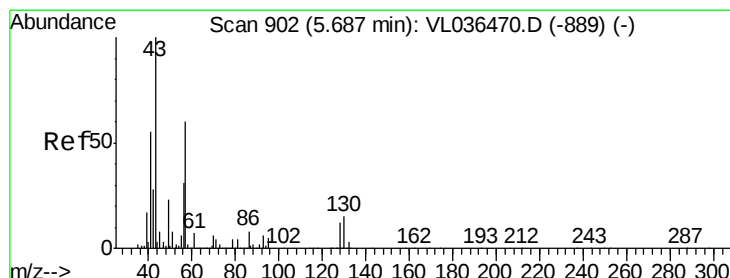
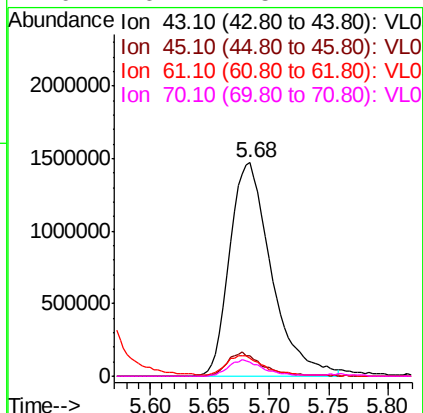


#25
Ethyl Acetate
Concen: 9.892 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.4 5.1 7.7

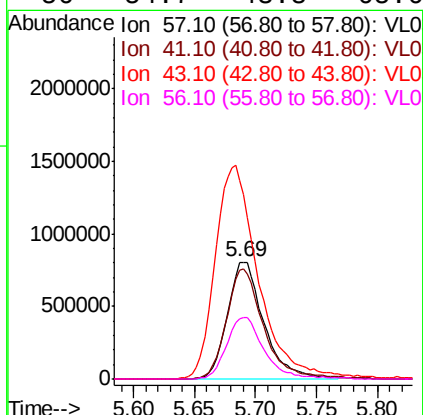
Manual Integrations
APPROVED

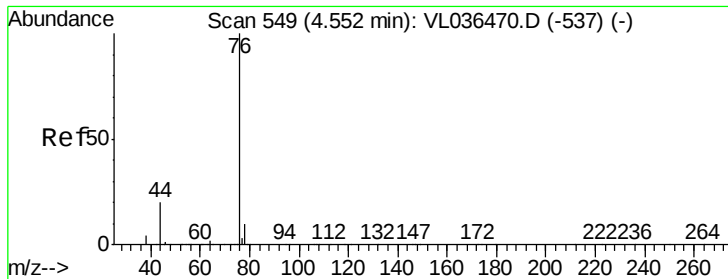
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#26
Hexane
Concen: 11.022 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 57 Resp: 1681018
Ion Ratio Lower Upper
57 100
41 96.5 77.3 115.9
43 217.2 174.8 262.2
56 54.7 43.8 65.6





#27

Carbon Disulfide

Concen: 11.746 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01 VSTDICCC010

Tot Ion:

Ion Ratio

76 100

44 21.

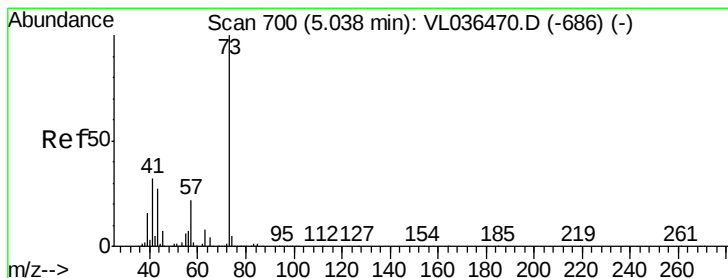
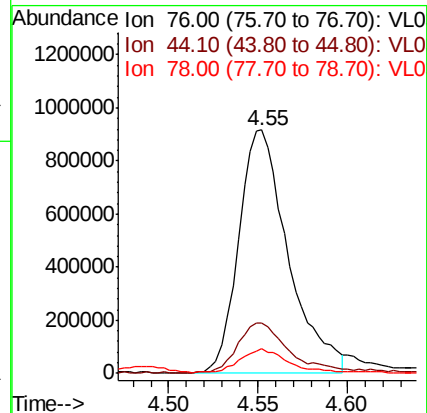
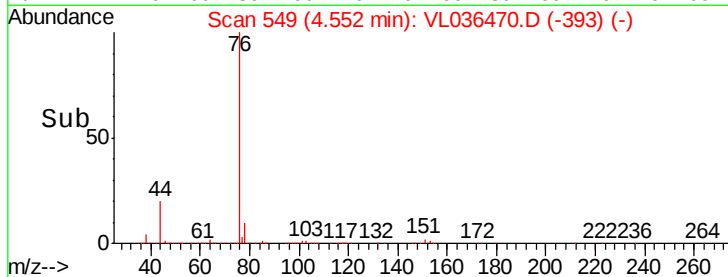
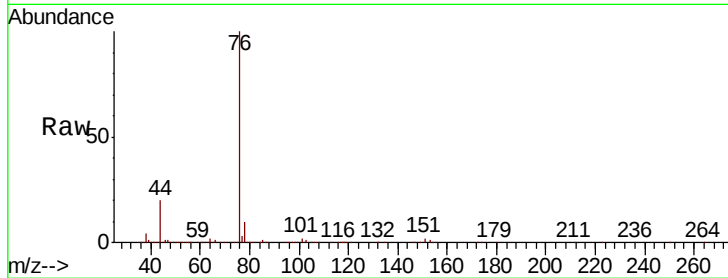
78 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#28

Methyl tert-Butyl Ether

Concen: 10.285 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.00 min

Lab File: VL036470.D

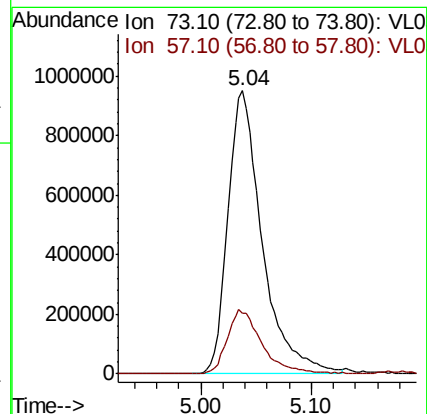
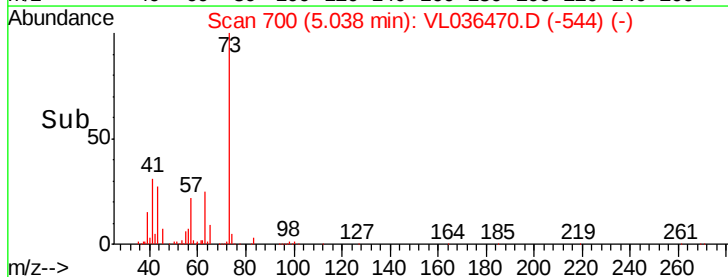
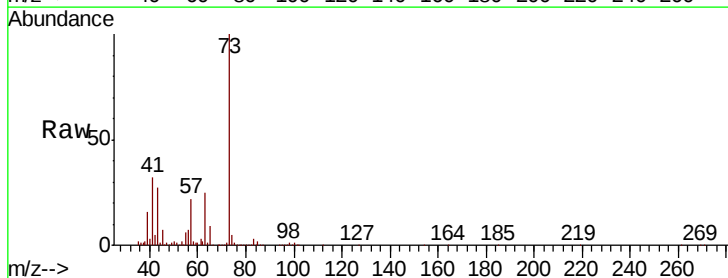
Acq: 25 Mar 2021 2:01

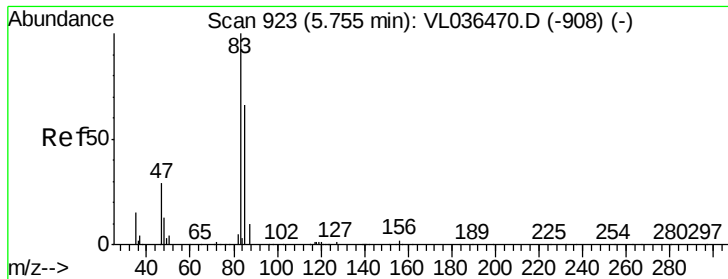
Tgt Ion: 73 Resp: 2051659

Ion Ratio Lower Upper

73 100

57 23.1 18.6 27.8



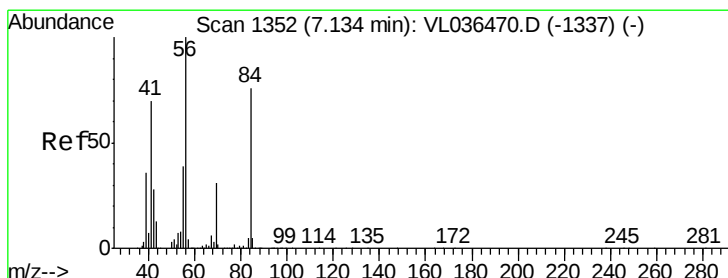
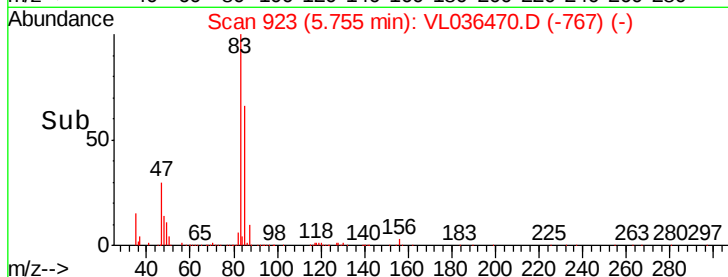
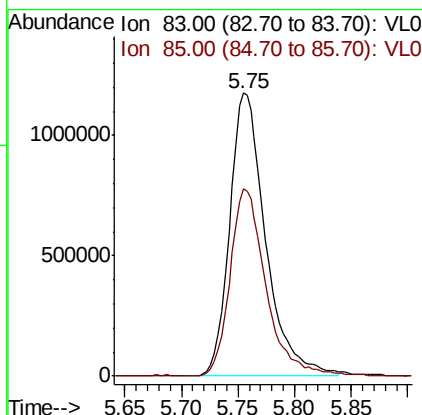
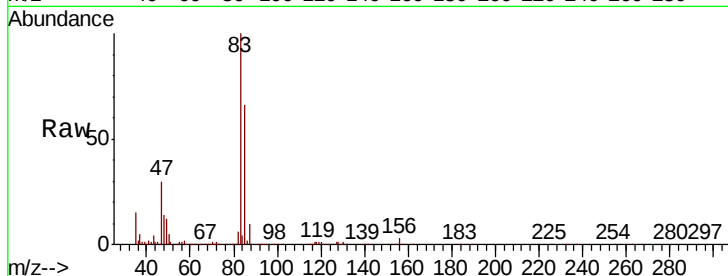


#29
Chloroform
Concen: 10.523 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
83 100
85 65.

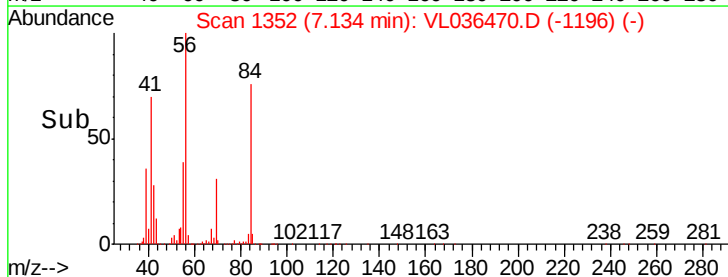
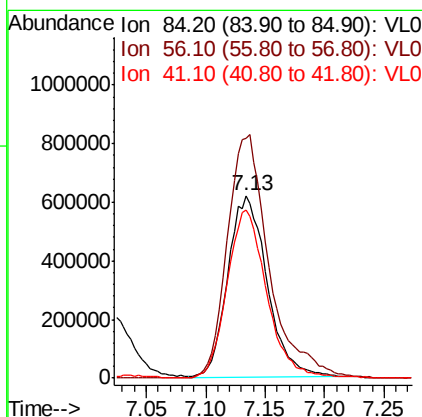
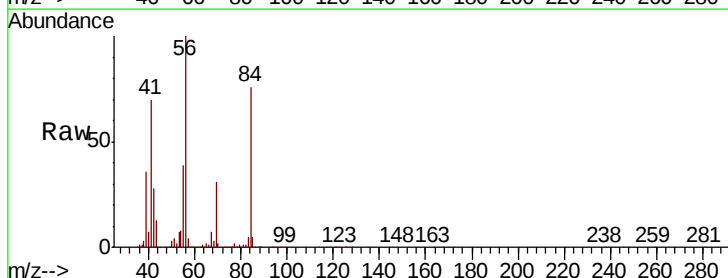
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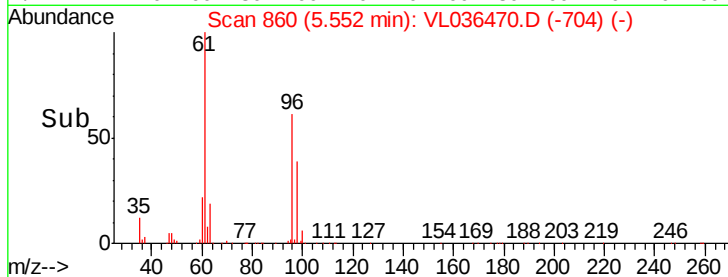
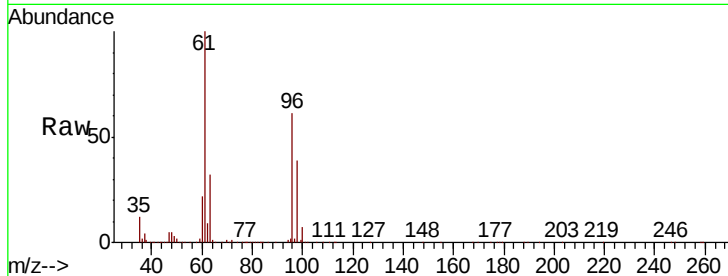
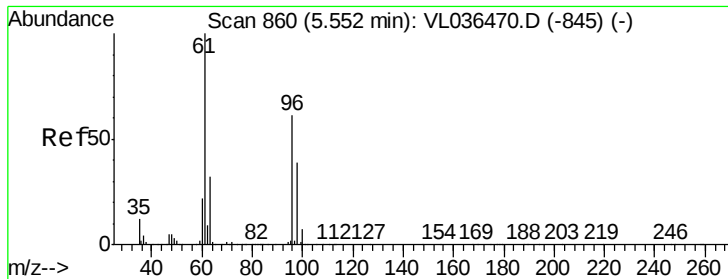
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#30
Cyclohexane
Concen: 11.249 ppbv
RT: 7.13 min Scan# 1352
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 84 Resp: 1418743
Ion Ratio Lower Upper
84 100
56 143.2 114.6 171.8
41 94.1 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 11.513 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01 VSTDICCC010

Tot Ion:

Ion Ratio

61 100

96 60.

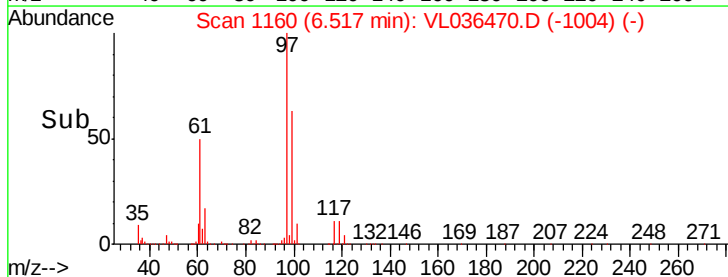
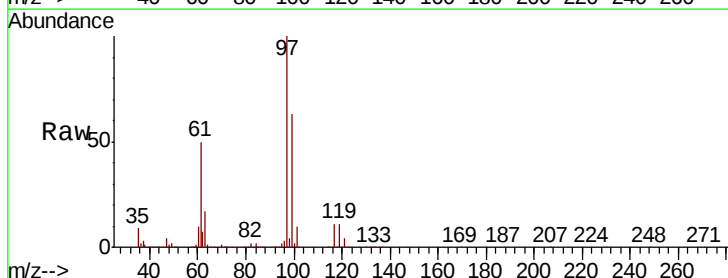
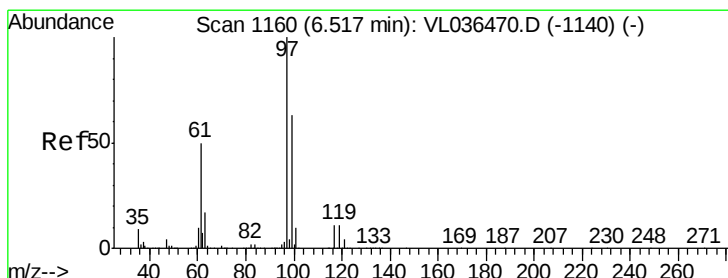
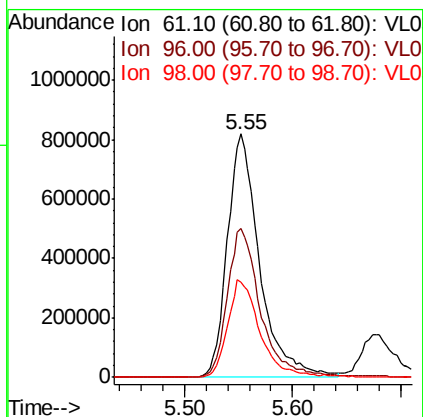
98 39.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#32

1,1,1-Trichloroethane

Concen: 10.680 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

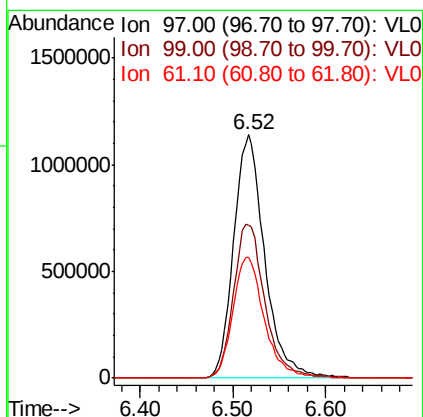
Tgt Ion: 97 Resp: 2646801

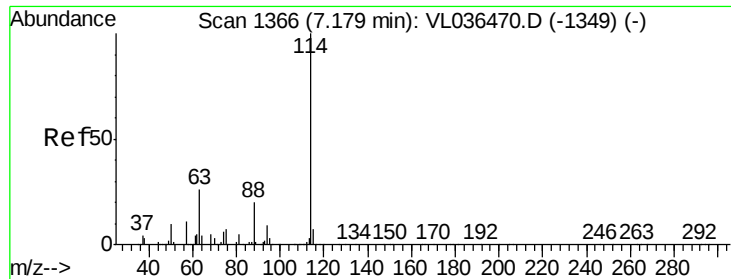
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 50.7 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:1

Ion Rati

114 100

63 28.

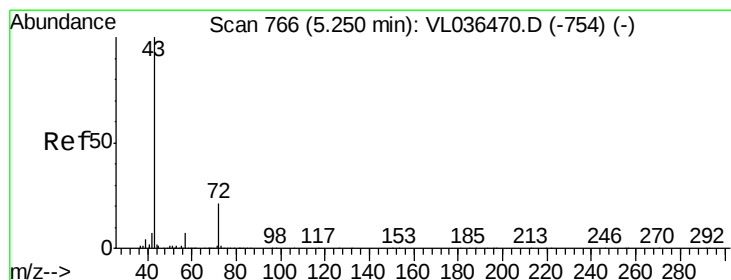
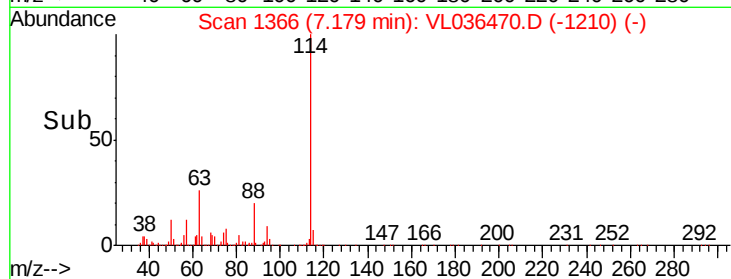
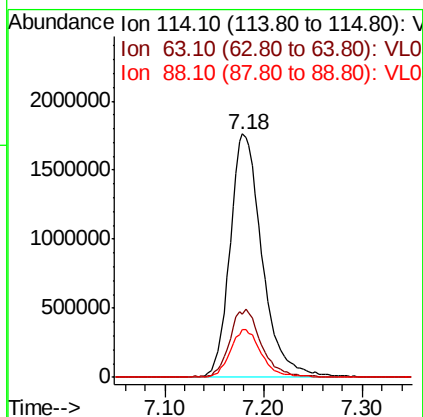
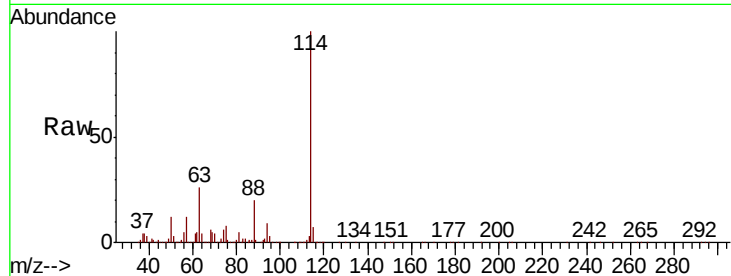
88 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#34

2-Butanone

Concen: 7.923 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.00 min

Lab File: VL036470.D

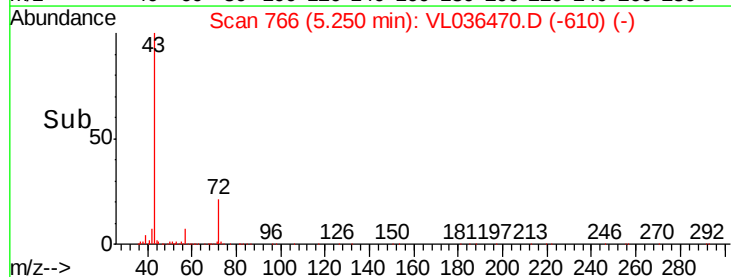
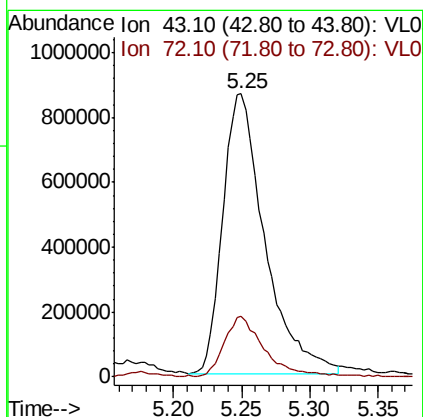
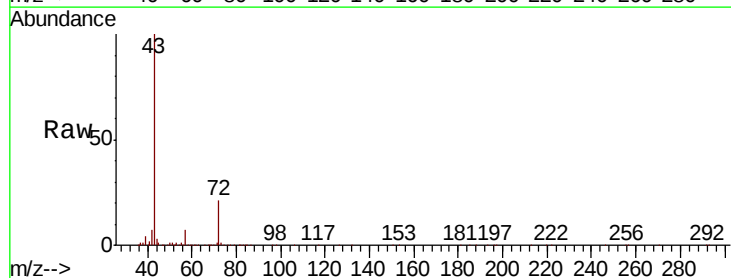
Acq: 25 Mar 2021 2:01

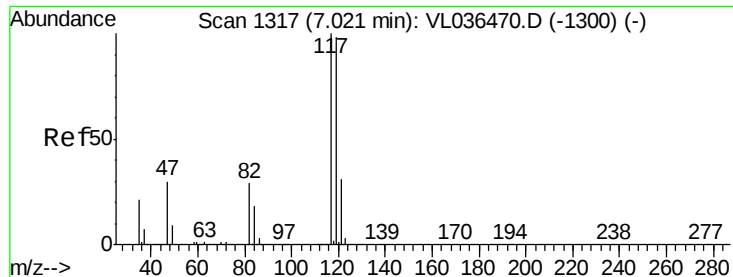
Tgt Ion: 43 Resp: 1844093

Ion Ratio Lower Upper

43 100

72 21.3 17.0 25.6



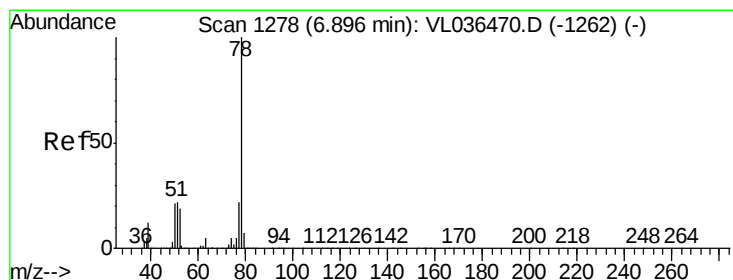
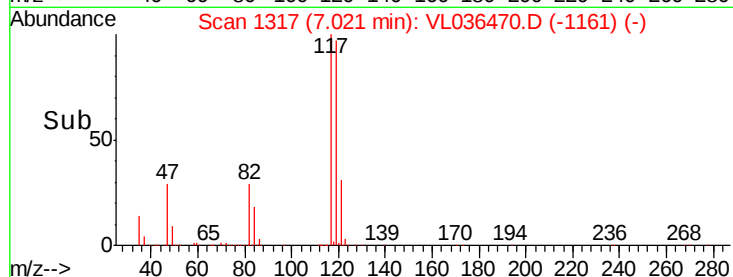
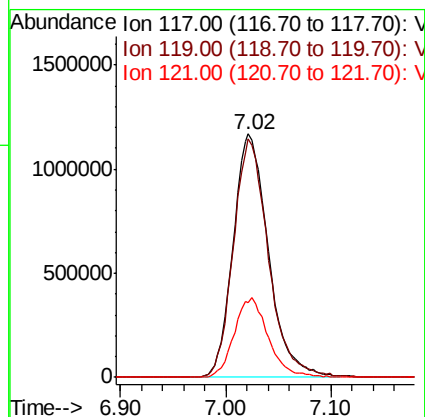
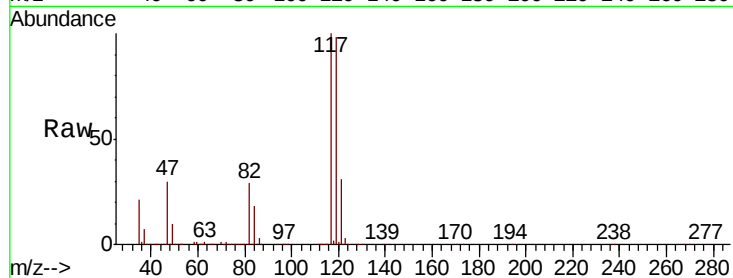


#35
Carbon Tetrachloride
Concen: 10.353 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 25 Mar 2021 2:01

Tot Ion:1
Ion Rati
117 100
119 97.
121 30.

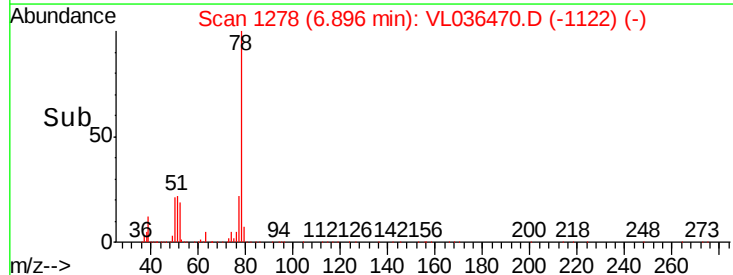
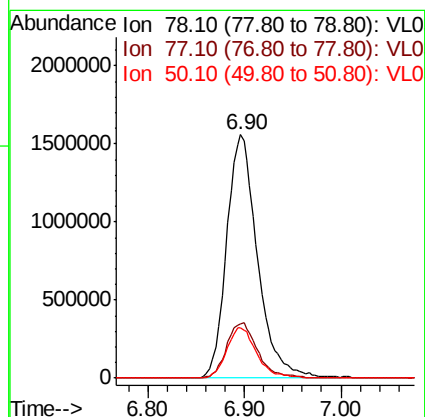
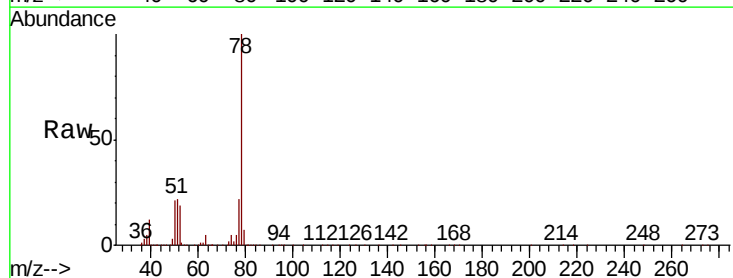
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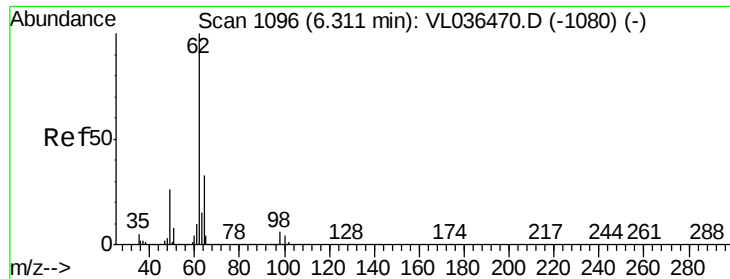
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#36
Benzene
Concen: 10.892 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 78 Resp: 3458149
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0
50 20.6 16.5 24.7



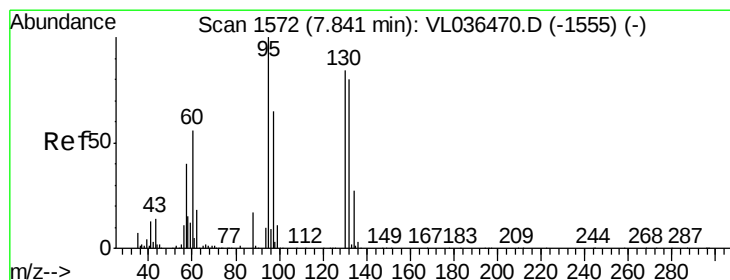
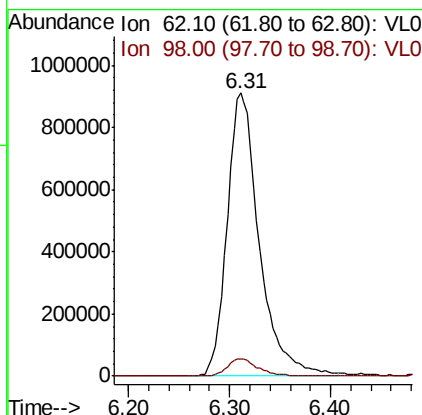
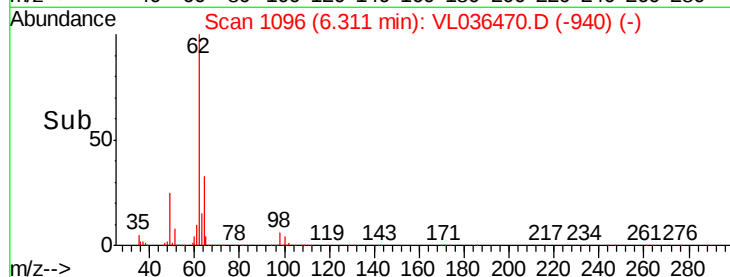
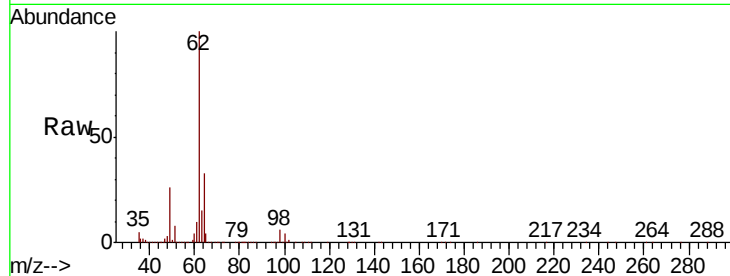


#37
 1,2-Dichloroethane
 Concen: 10.211 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 62 100
 98 6.

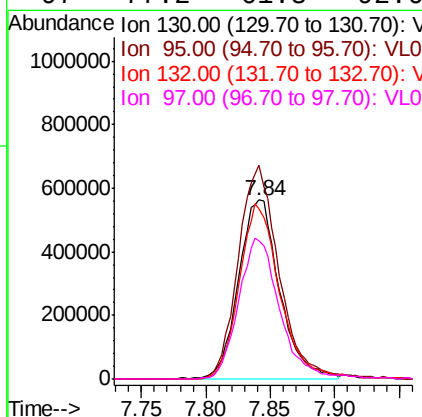
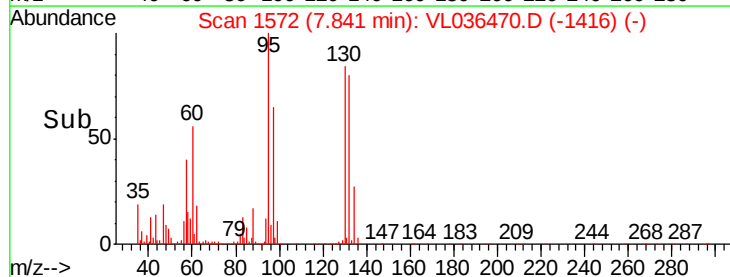
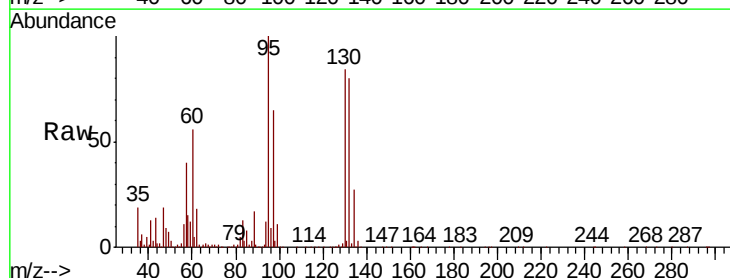
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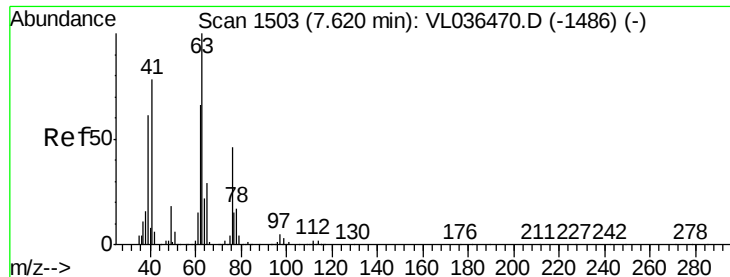
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#38
 Trichloroethene
 Concen: 10.375 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:130 Resp: 1236202
 Ion Ratio Lower Upper
 130 100
 95 119.6 95.7 143.5
 132 95.3 76.2 114.4
 97 77.2 61.8 92.6



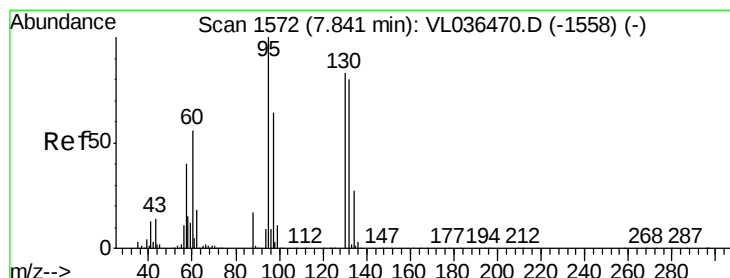
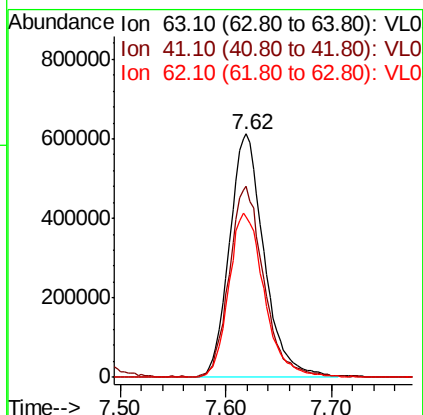
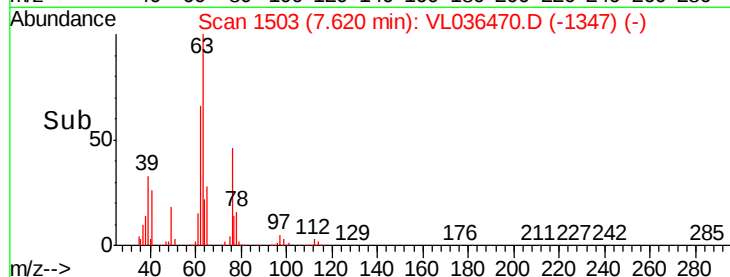
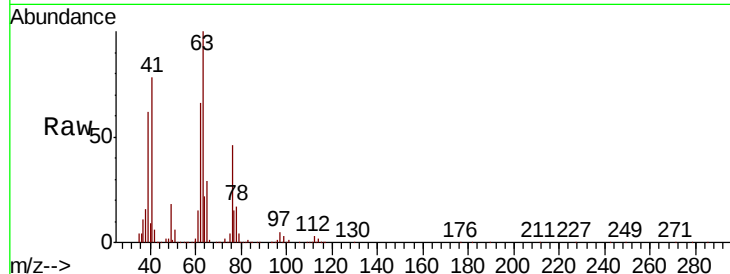


#39
 1,2-Dichloropropane
 Concen: 10.252 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 66.

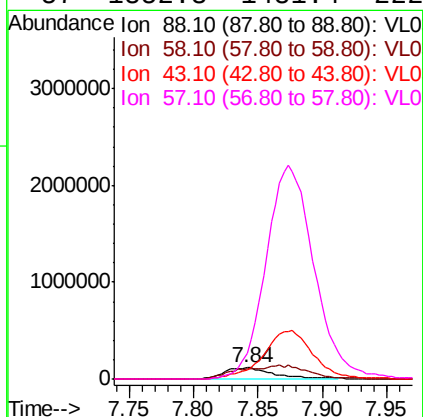
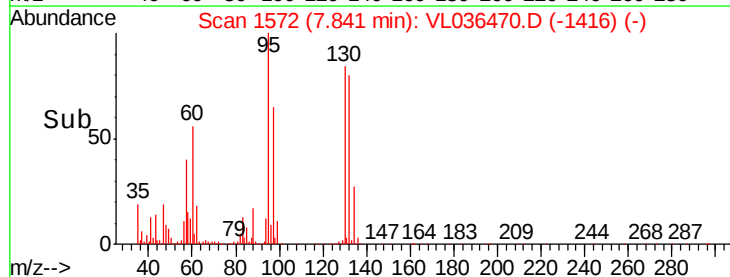
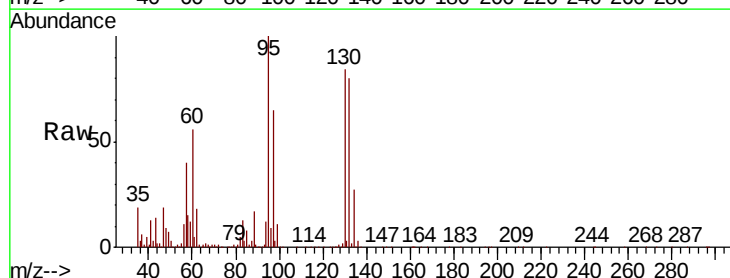
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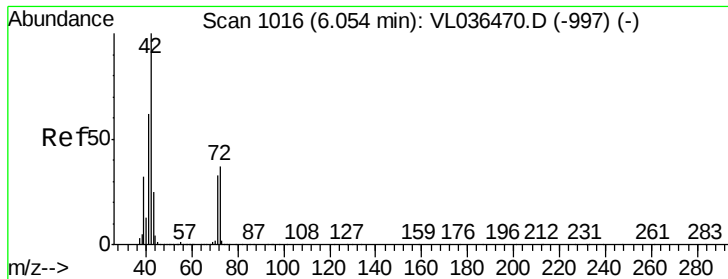
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#40
 1,4-Dioxane
 Concen: 7.544 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 88 Resp: 312399
 Ion Ratio Lower Upper
 88 100
 58 167.6 135.3 202.9
 43 433.3 347.4 521.0
 57 1852.3 1481.4 2222.0





#41

Tetrahydrofuran

Concen: 7.428 ppbv m

RT: 6.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:

Ion Ratio

42 100

72 34.

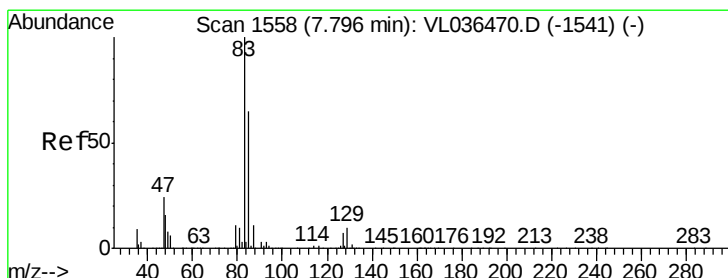
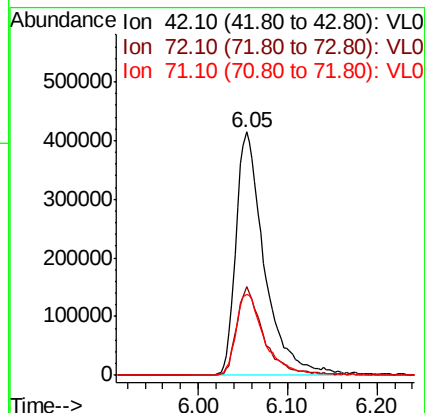
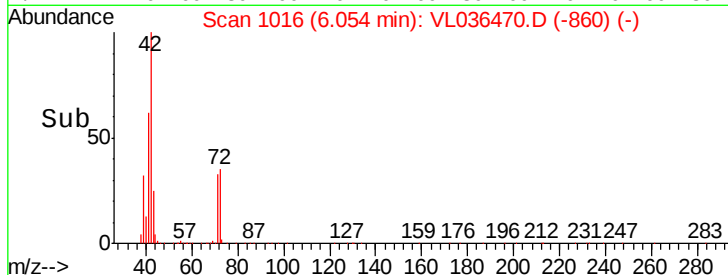
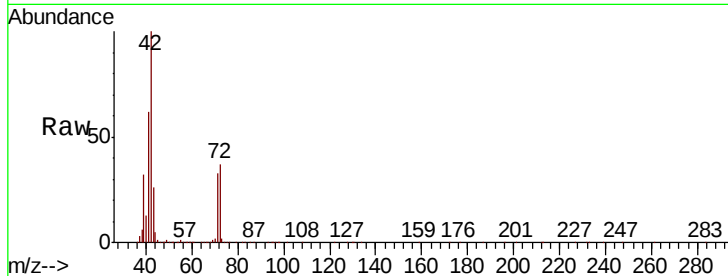
71 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#42

Bromodichloromethane

Concen: 10.541 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

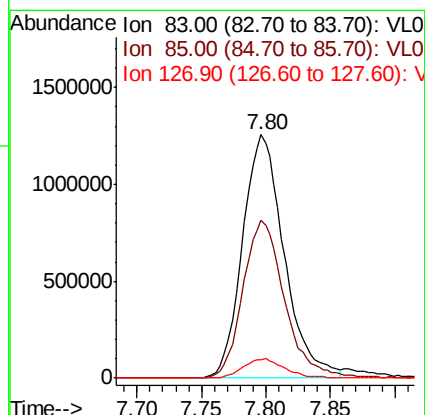
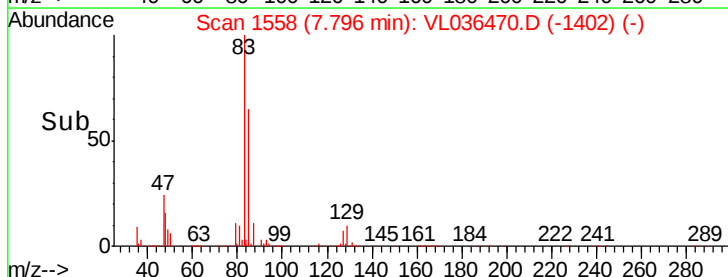
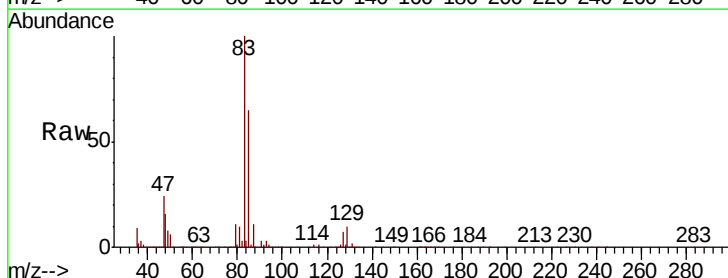
Tgt Ion: 83 Resp: 2825895

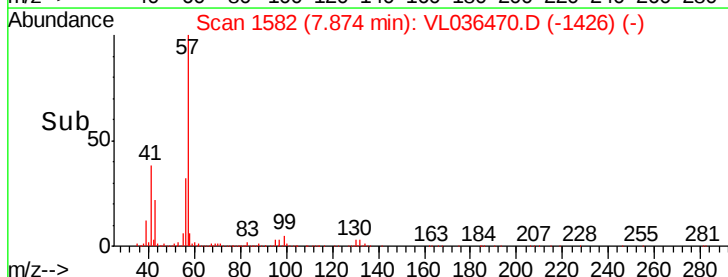
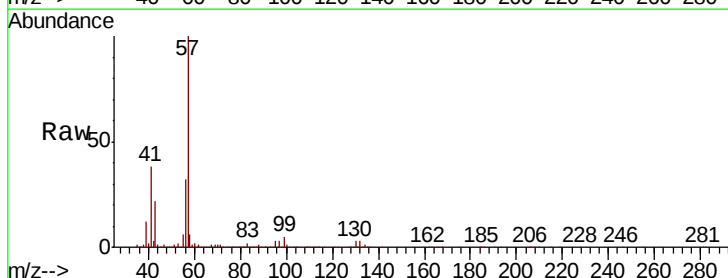
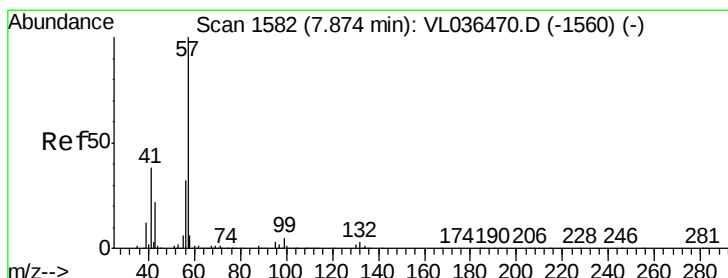
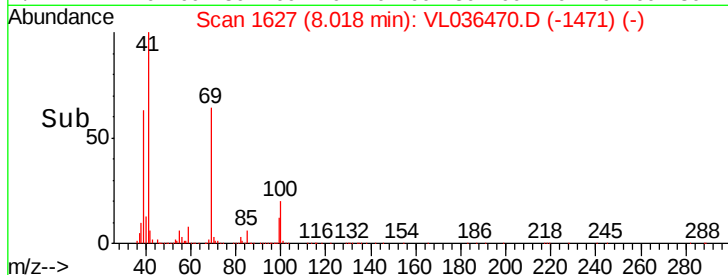
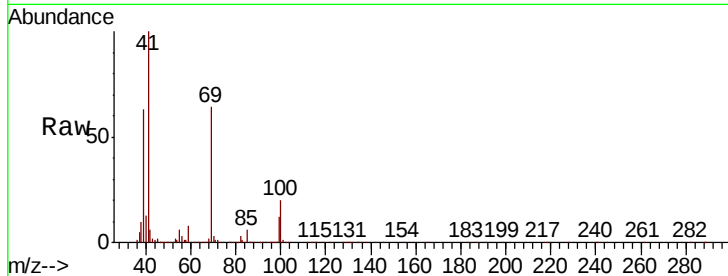
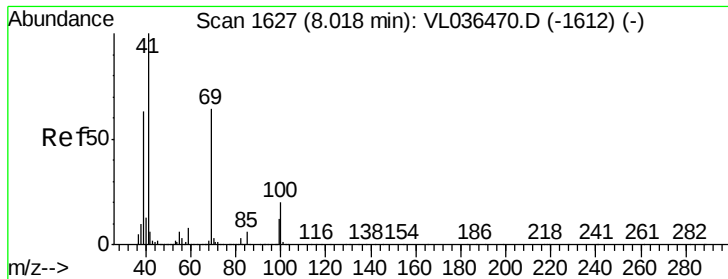
Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

127 7.3 5.8 8.8





#43

Methyl Methacrylate

Concen: 10.340 ppbv

RT: 8.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 25 Mar 2021 2:01

Tot Ion:

Ion Ratio

69 100

41 158.

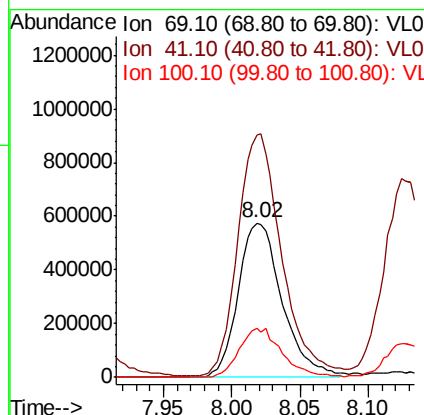
100 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#44

2,2,4-Trimethylpentane

Concen: 10.036 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

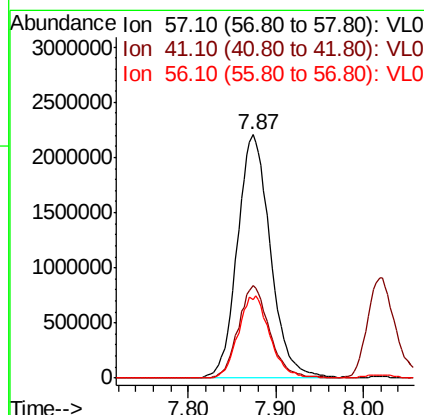
Tgt Ion: 57 Resp: 5773083

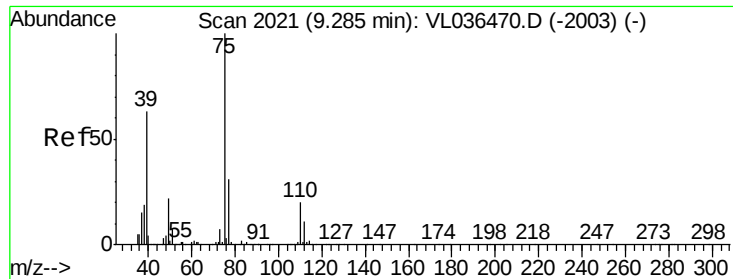
Ion Ratio Lower Upper

57 100

41 36.0 28.8 43.2

56 32.6 26.1 39.1



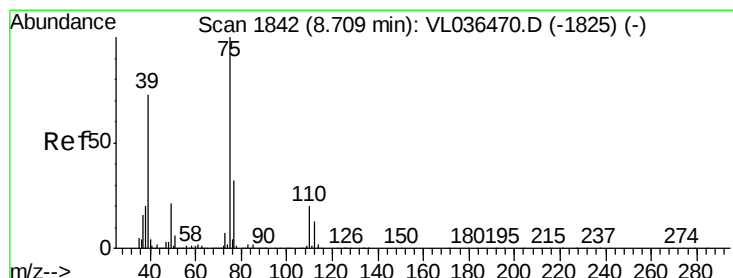
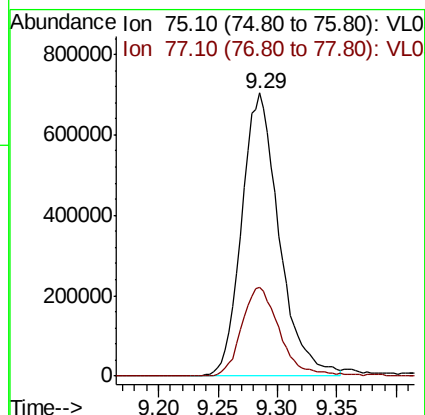
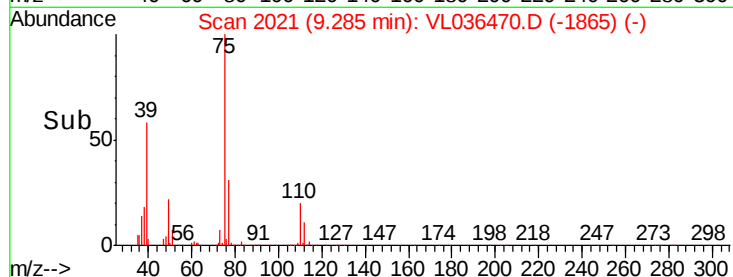
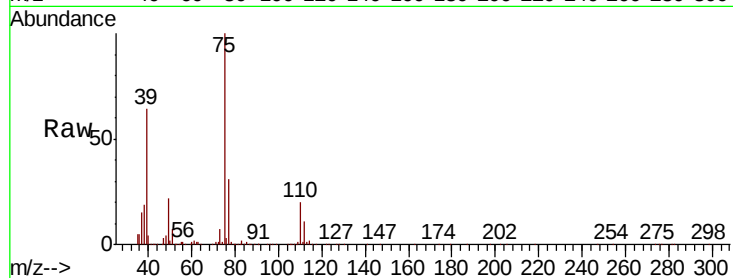


#45
 t-1,3-Dichloropropene
 Concen: 12.359 ppbv
 RT: 9.29
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 75 100
 77 31.

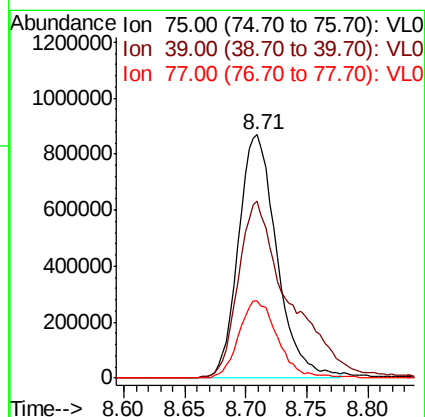
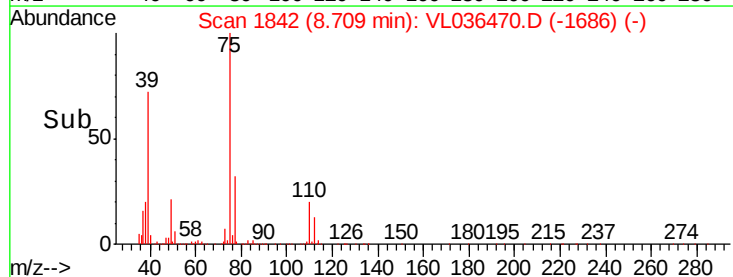
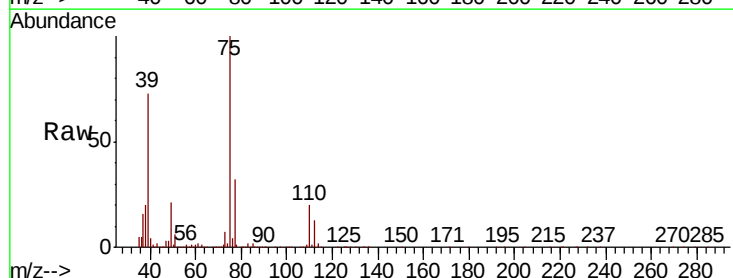
Manual Integrations
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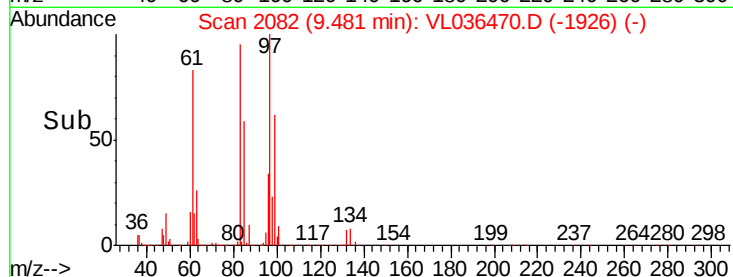
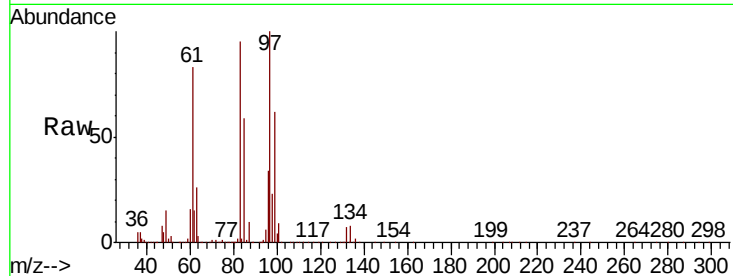
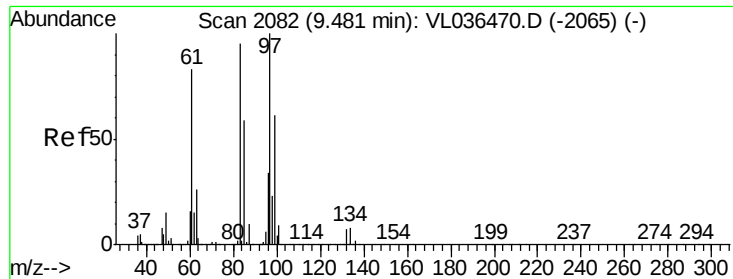
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#46
 cis-1,3-Dichloropropene
 Concen: 11.676 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 75 Resp: 1892104
 Ion Ratio Lower Upper
 75 100
 39 72.7 58.2 87.2
 77 31.5 25.2 37.8



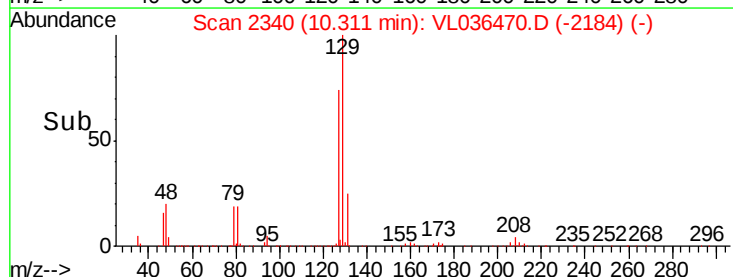
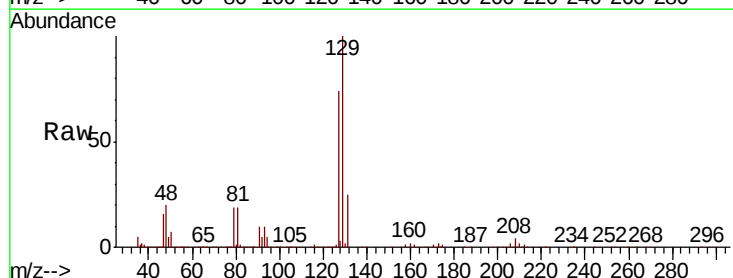
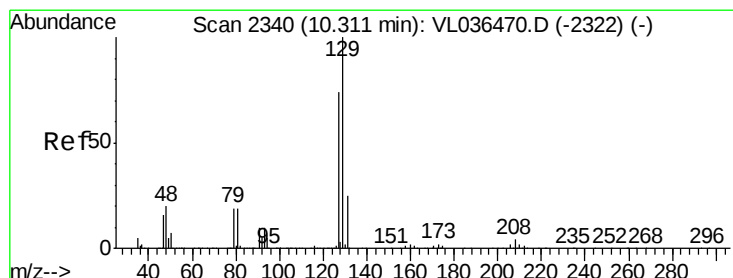
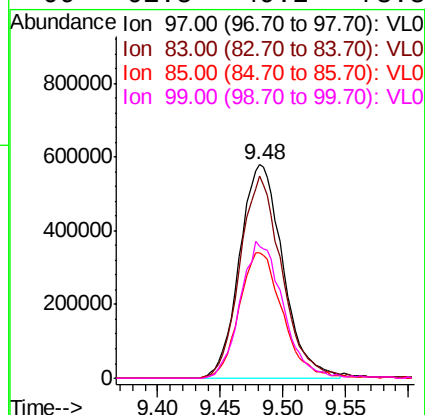


#47
 1,1,2-Trichloroethane
 Concen: 10.350 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 97 100
 83 94.
 85 58.
 99 61.5 49.2 73.8

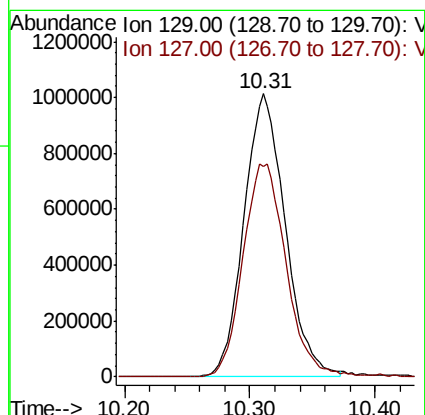
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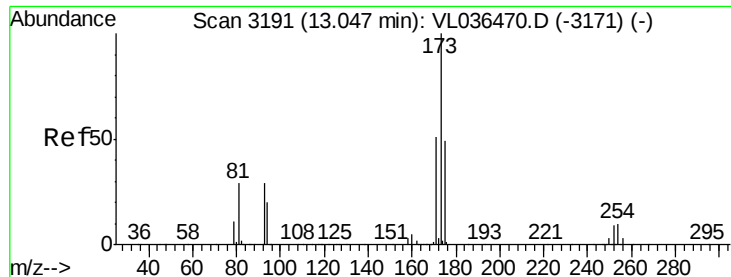
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#48
 Dibromochloromethane
 Concen: 11.395 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:129 Resp: 2319151
 Ion Ratio Lower Upper
 129 100
 127 79.2 39.6 118.8





#49

Bromoform

Concen: 11.465 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:1

Ion Ratio

173 100

175 49.

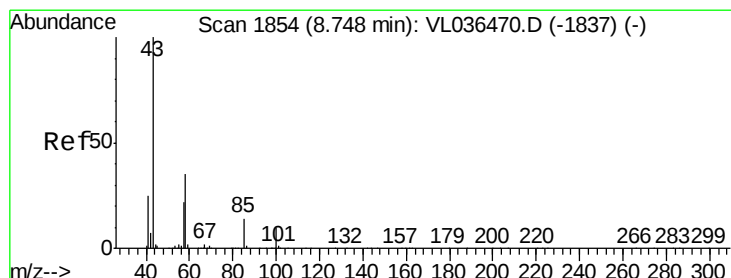
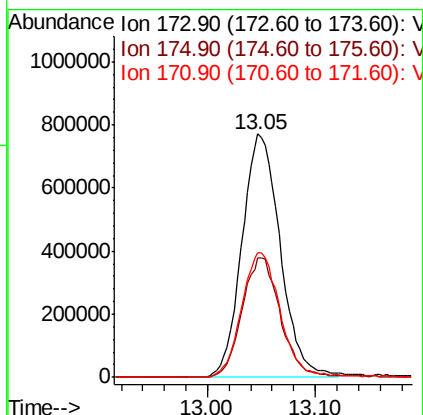
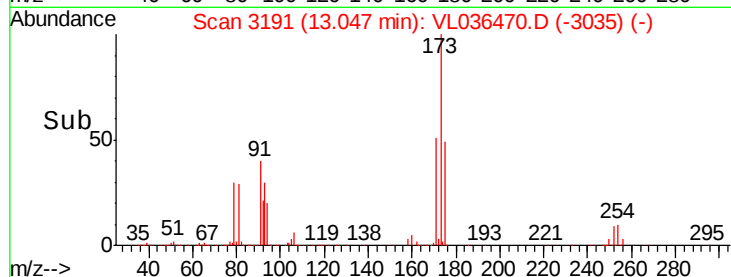
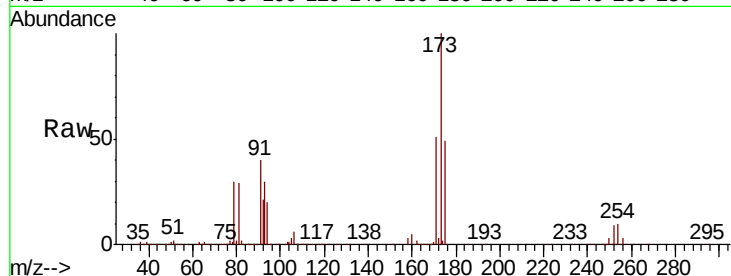
171 51.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#50

4-Methyl-2-Pentanone

Concen: 8.396 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL036470.D

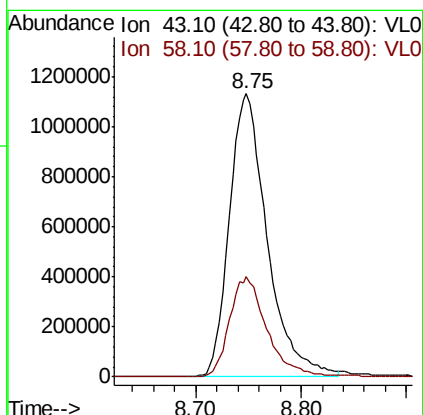
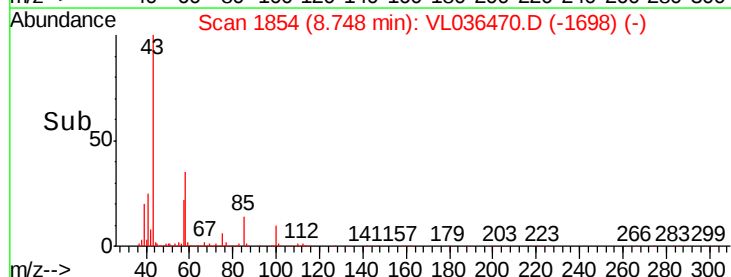
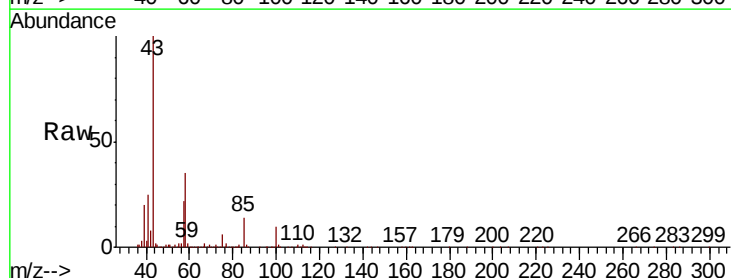
Acq: 25 Mar 2021 2:01

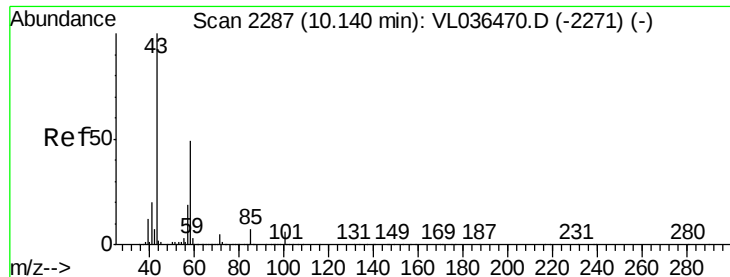
Tgt Ion: 43 Resp: 2815367

Ion Ratio Lower Upper

43 100

58 35.2 28.1 42.1



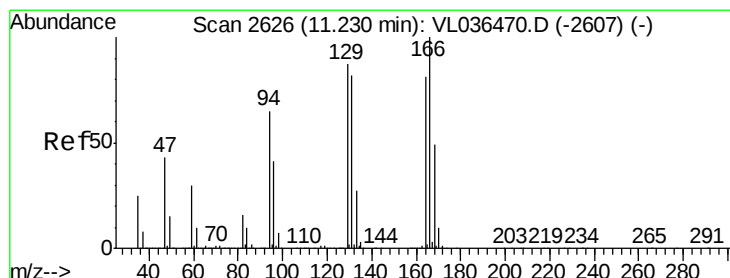
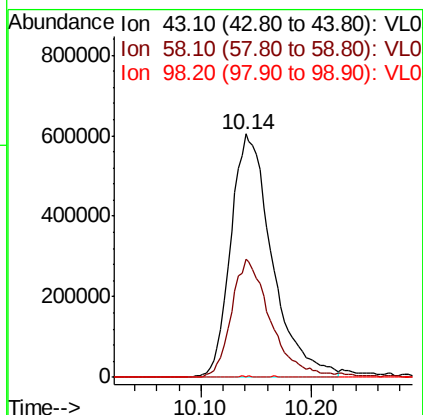
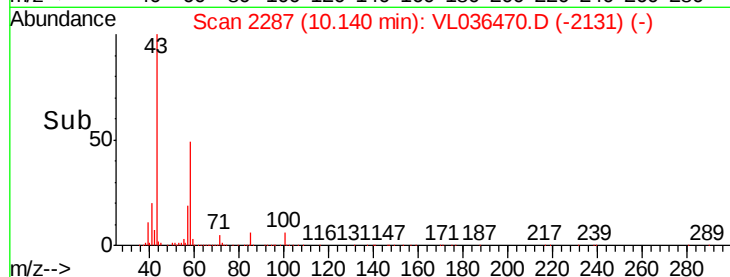
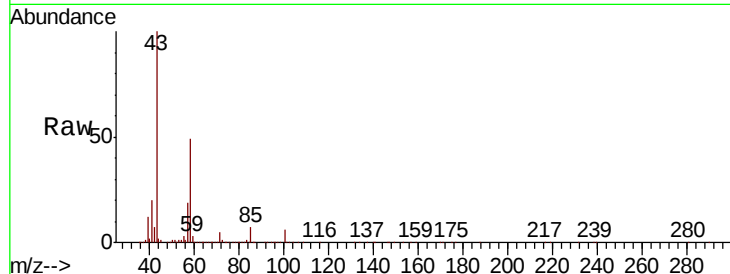


#51
2-Hexanone
Concen: 6.582 ppbv
RT: 10.14 min
Delta R.T.: 0.00 min
Lab File: VSTDICCC010
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
43 100
58 47.1
98 0.0

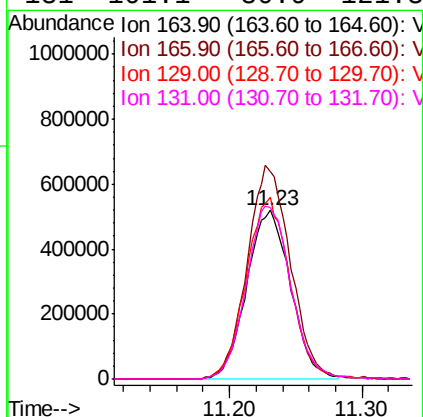
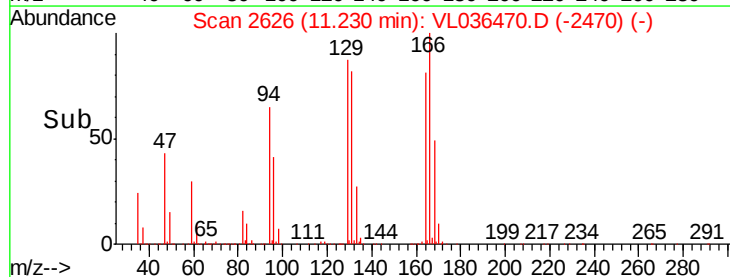
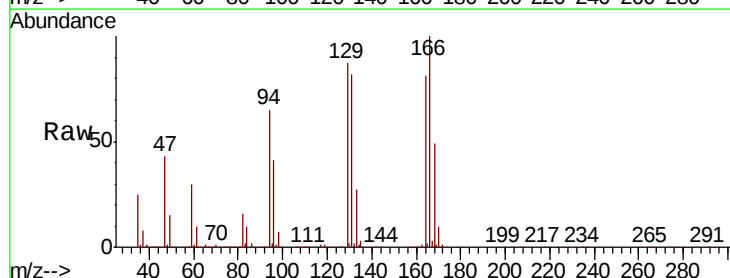
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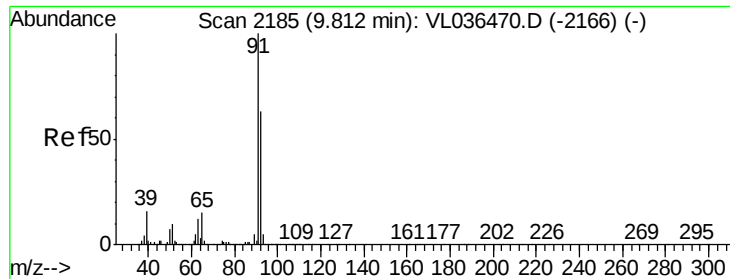
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#52
Tetrachloroethene
Concen: 10.075 ppbv
RT: 11.23 min Scan# 2626
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:164 Resp: 1192130
Ion Ratio Lower Upper
164 100
166 122.9 98.3 147.5
129 107.3 85.8 128.8
131 101.1 80.9 121.3





#53

Toluene

Concen: 11.356 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:

Ion Ratio

91 100

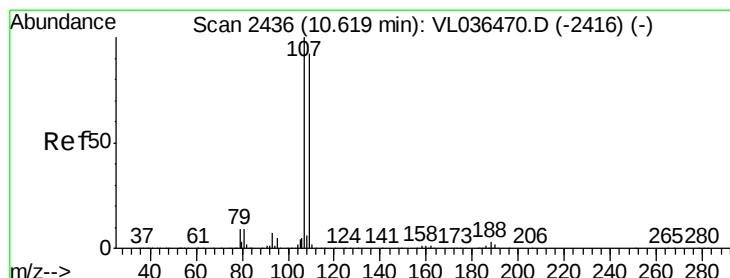
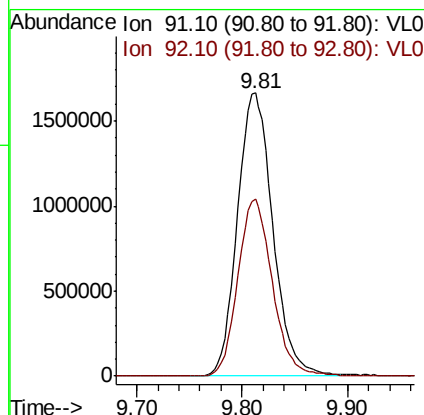
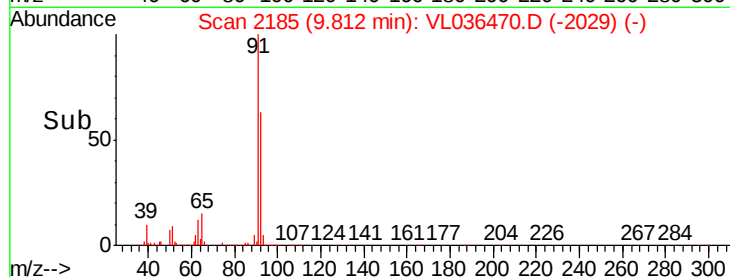
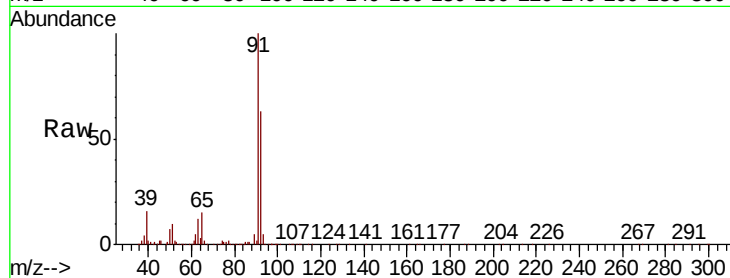
92 61.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#54

1,2-Dibromoethane

Concen: 10.464 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VL036470.D

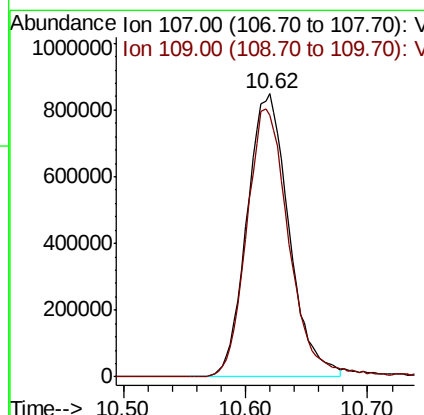
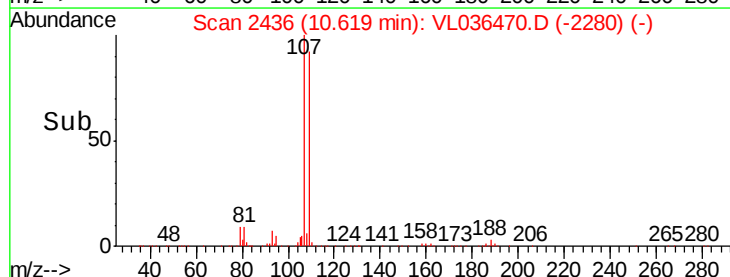
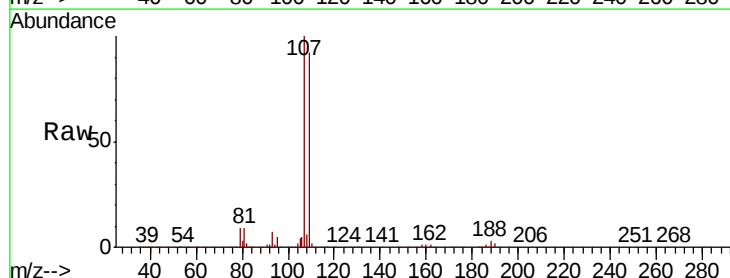
Acq: 25 Mar 2021 2:01

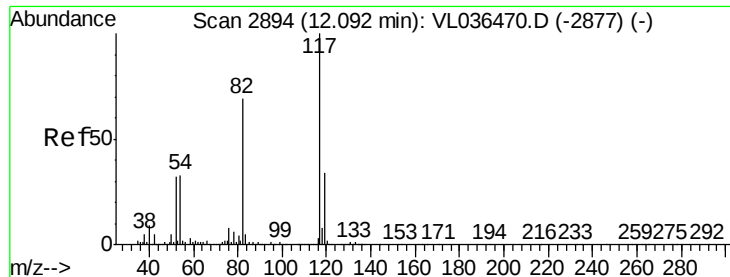
Tgt Ion:107 Resp: 2017679

Ion Ratio Lower Upper

107 100

109 92.4 73.9 110.9



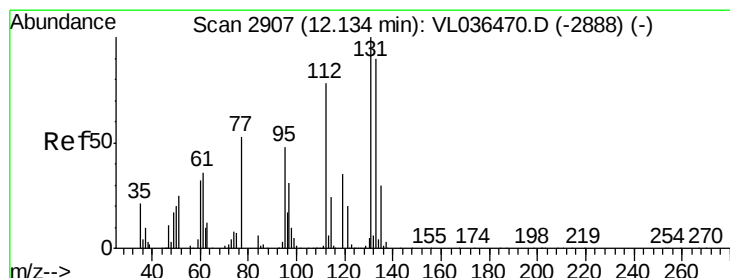
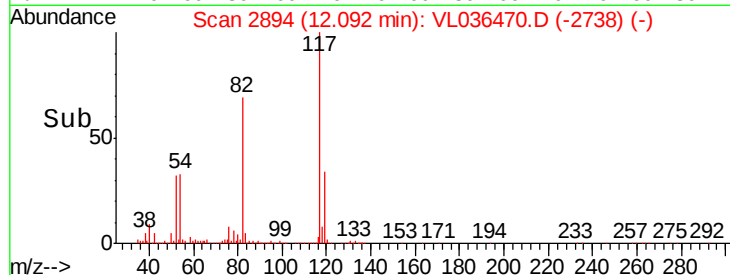
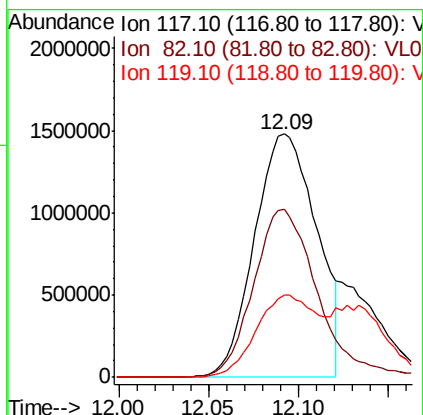
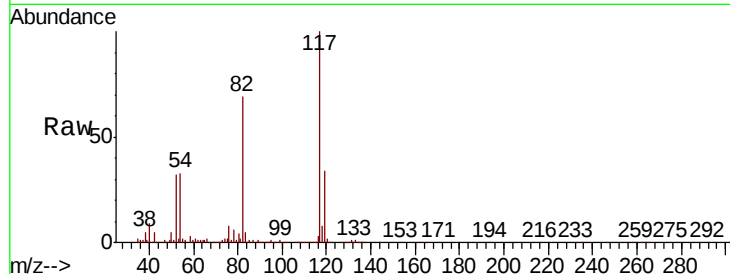


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDICCC010
Acq: 25 Mar 2021 2:01

Tot Ion:1
Ion Rati
117 100
82 71.
119 59.

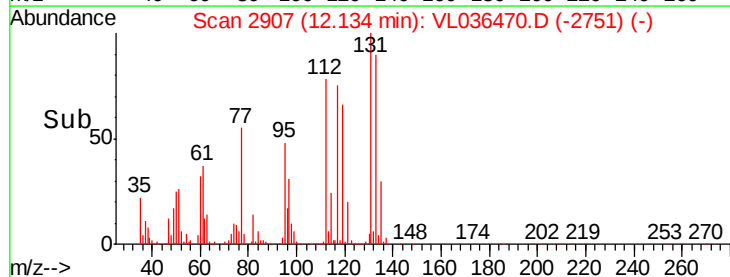
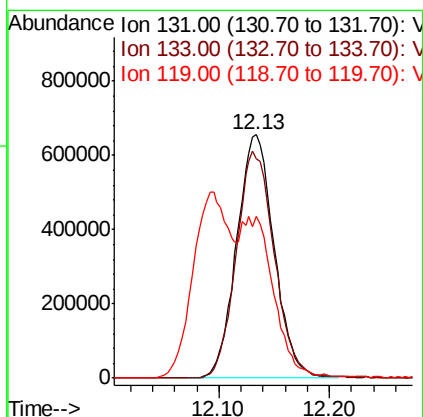
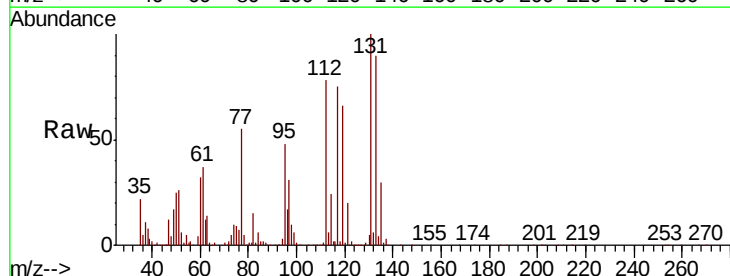
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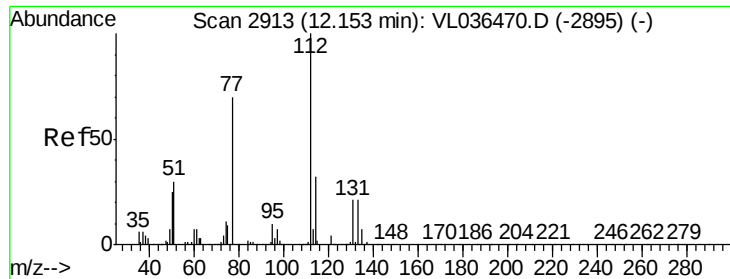
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.659 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion:131 Resp: 1547473
Ion Ratio Lower Upper
131 100
133 94.7 76.0 114.0
119 60.9 44.9 67.3



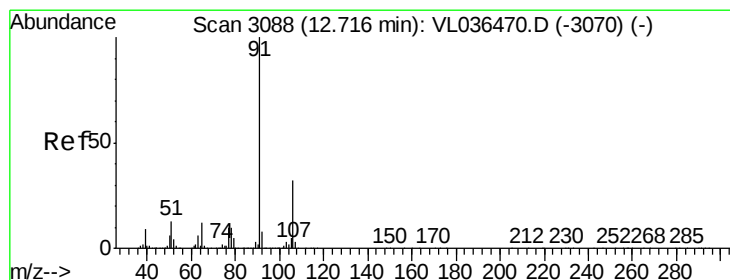
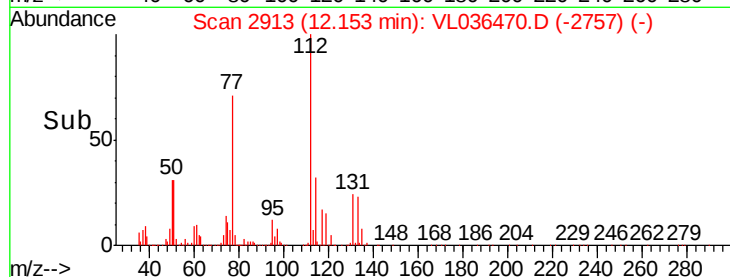
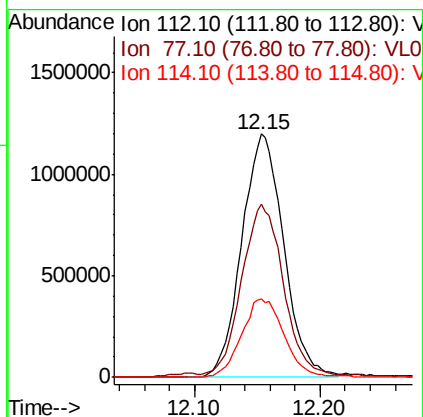
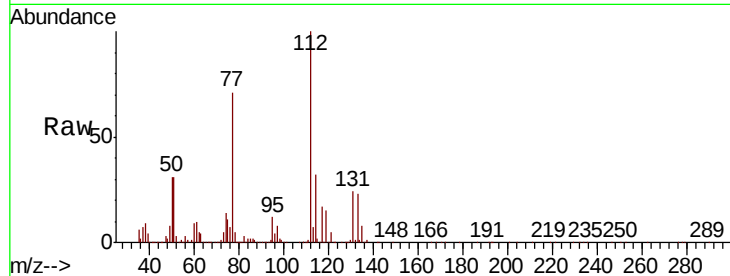


#57
Chlorobenzene
Concen: 10.447 ppbv
RT: 12.15 min
Instrument: MSVOA_L
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDICCC010
Acq: 25 Mar 2021 2:01

Tot Ion: 1
Ion Ratio
112 100
77 70.
114 32.

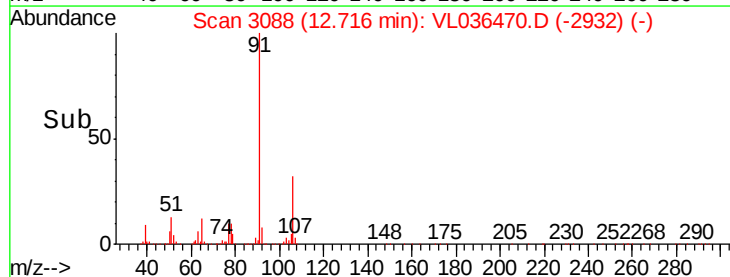
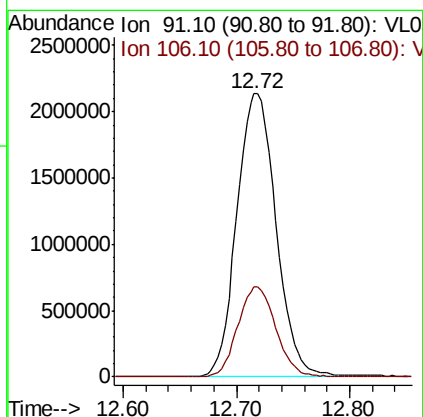
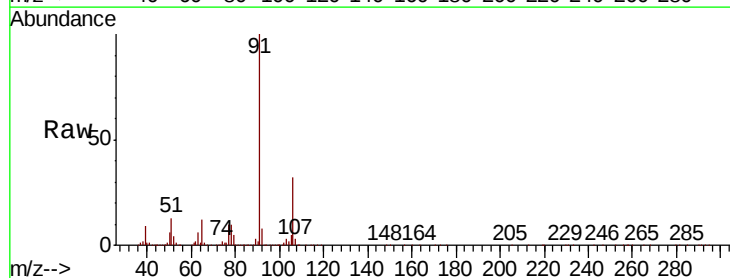
Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 04/01/2021
Supervised By : Amit Patel 04/01/2021



#58
Ethyl Benzene
Concen: 11.213 ppbv
RT: 12.72 min Scan# 3088
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 91 Resp: 5155245
Ion Ratio Lower Upper
91 100
106 31.6 25.3 37.9



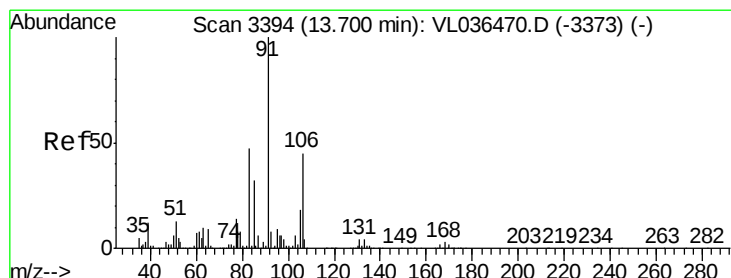
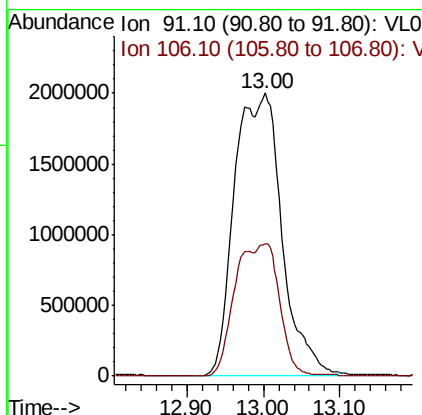
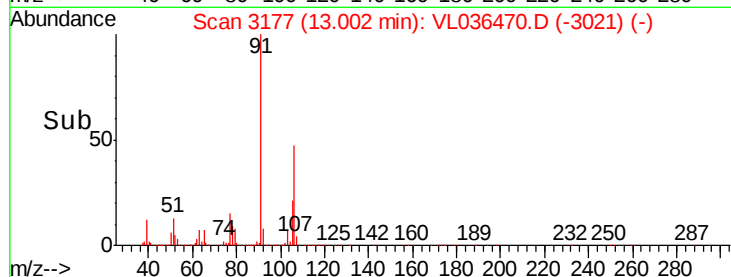
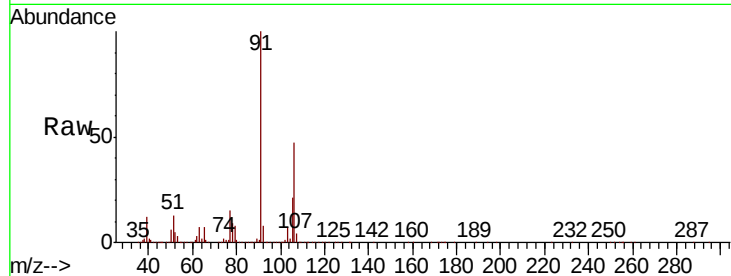


#59
m/p-Xylene
Concen: 21.396 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 2:01

Tot Ion:
Ion Ratio
91 100
106 44.

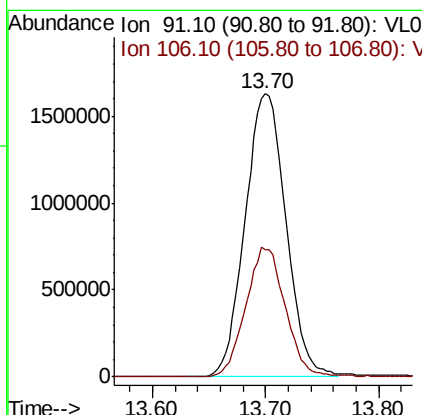
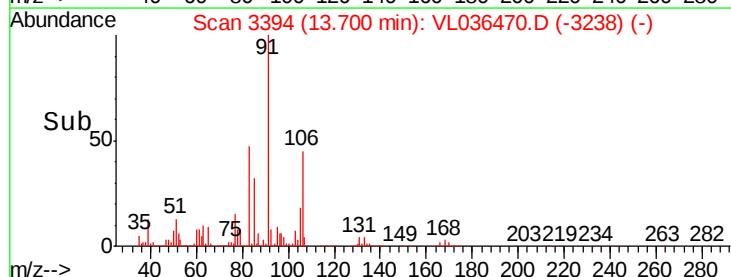
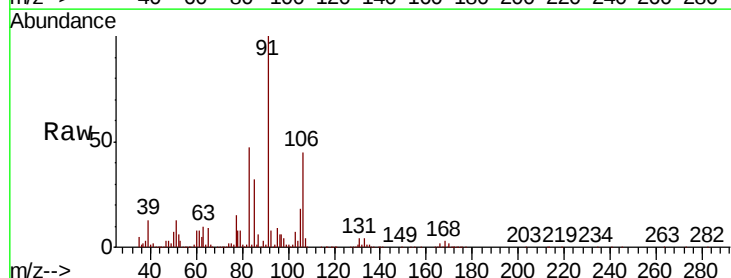
Manual Integrations
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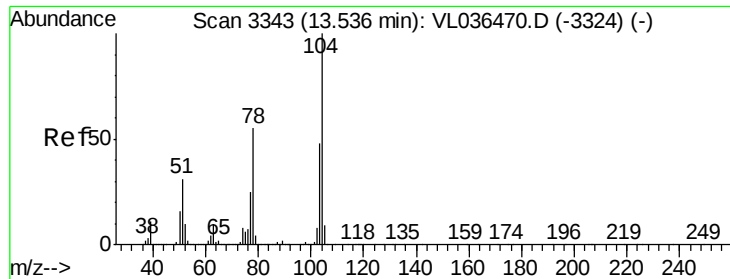
Reviewed By :Semsettin Yesilyurt 04/01/2021
Supervised By :Amit Patel 04/01/2021



#60
o-Xylene
Concen: 10.519 ppbv
RT: 13.70 min Scan# 3394
Delta R.T. 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 91 Resp: 4082766
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9





#61

Stvrene

Concen: 10.809 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:1

Ion Ratio

104 100

78 54.

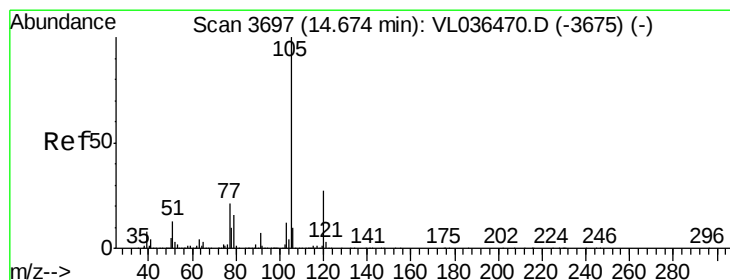
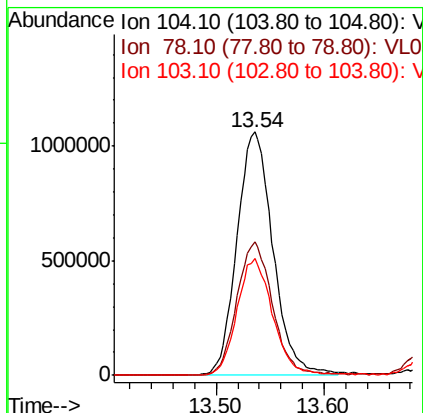
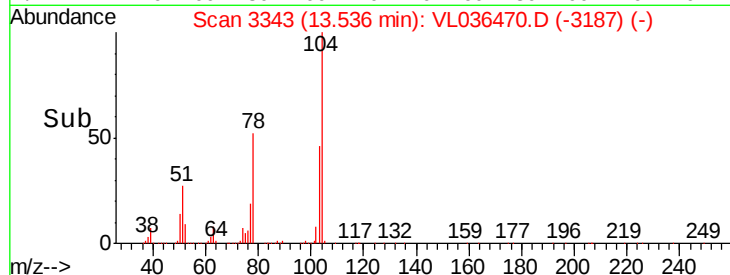
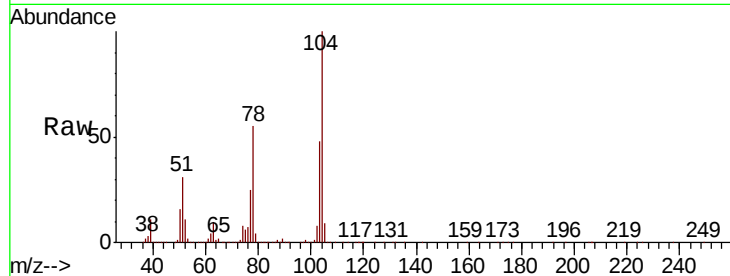
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#62

Isopropylbenzene

Concen: 9.634 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VL036470.D

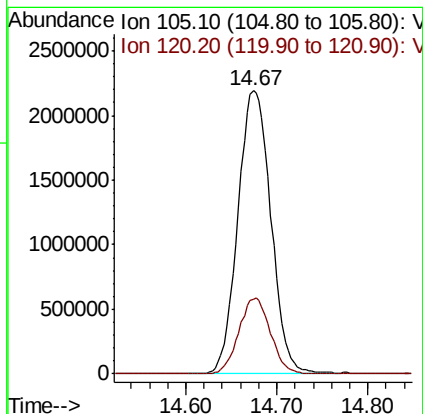
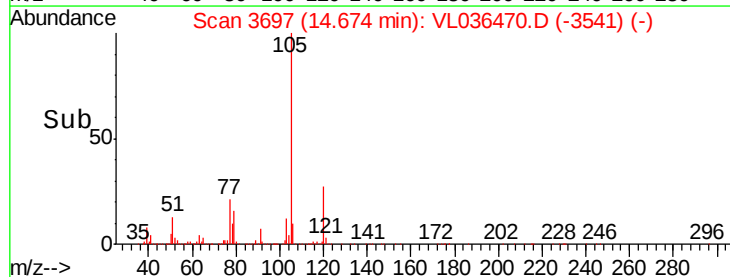
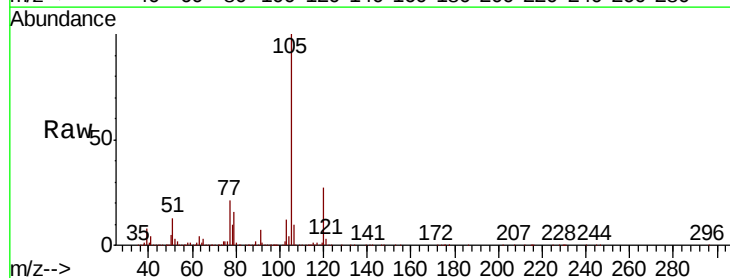
Acq: 25 Mar 2021 2:01

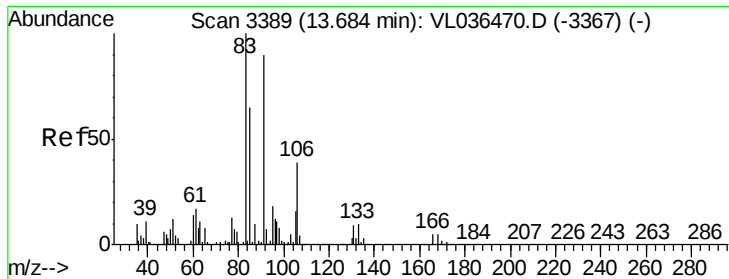
Tgt Ion:105 Resp: 5537234

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0



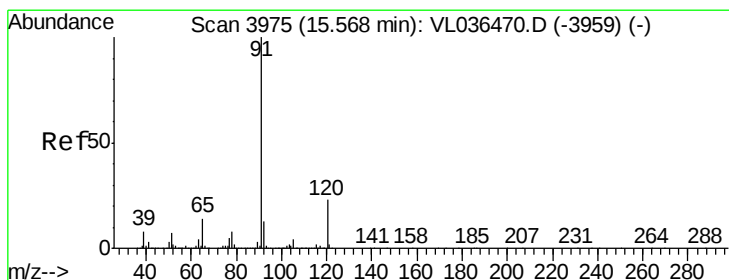
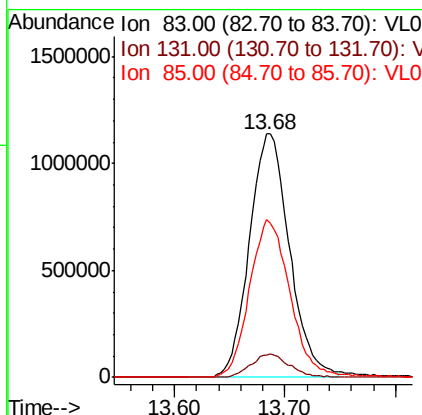
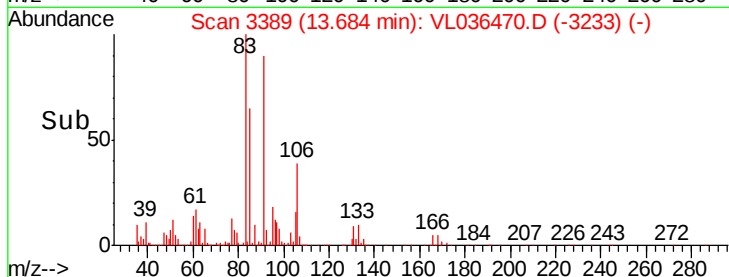
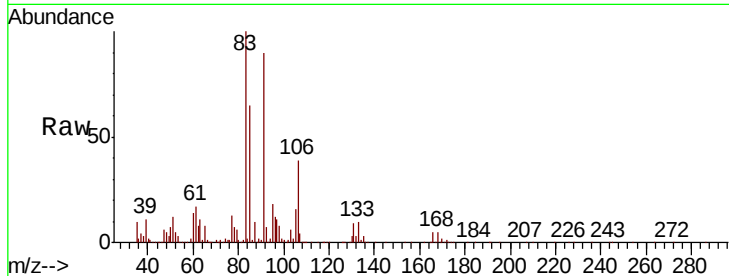


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.567 ppbv
 RT: 13.68 min
 Delta R.T. 0.00 min
 Lab File: VSTDICCC010
 Acq: 25 Mar 2021 2:01

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

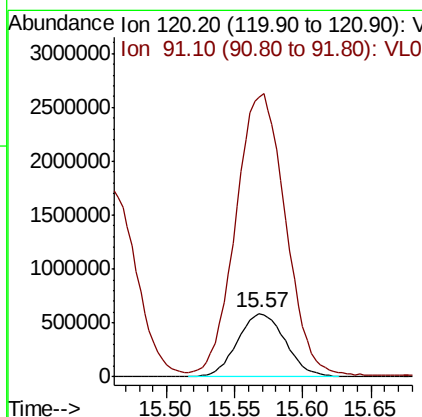
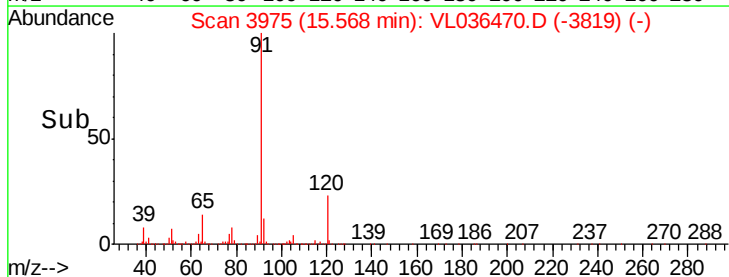
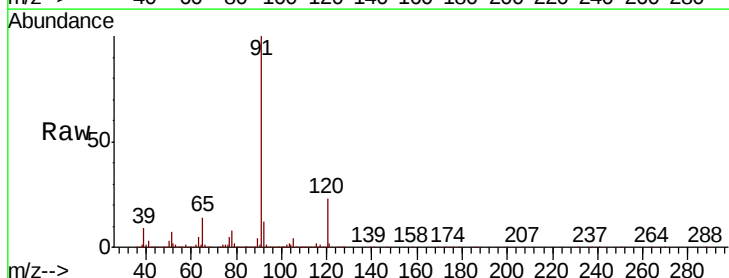
Manual Integrations
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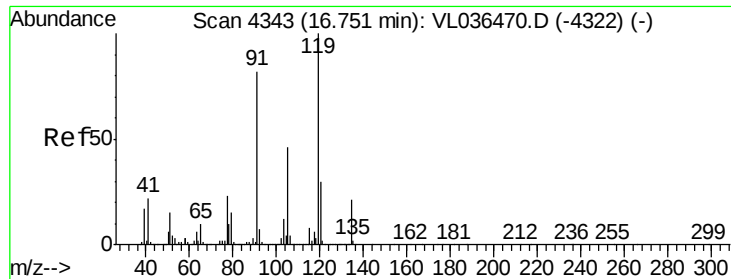
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#64
 n-propylbenzene
 Concen: 9.952 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:120 Resp: 1424247
 Ion Ratio Lower Upper
 120 100
 91 471.8 377.8 566.6



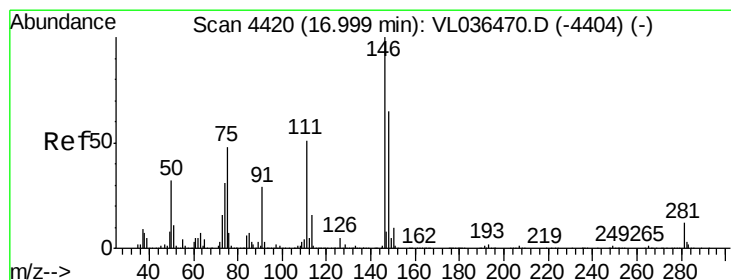
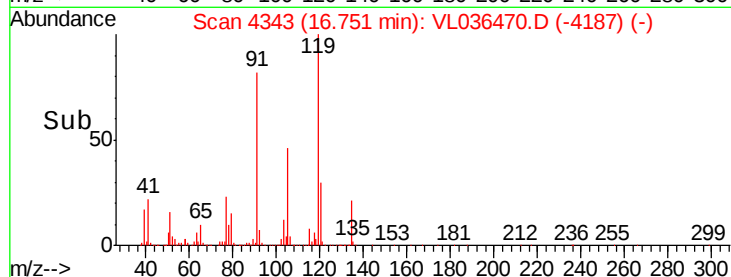
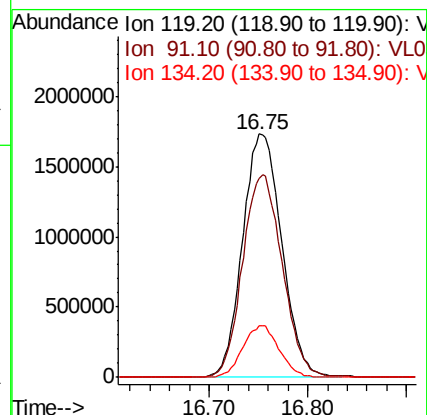
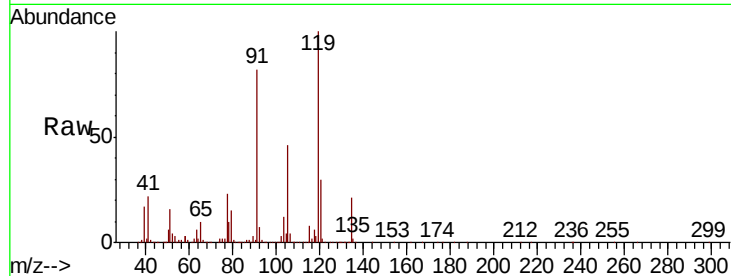


#65
tert-Butylbenzene
Concen: 9.533 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 25 Mar 2021 2:01
VSTDICCC010

Tot Ion: 1
Ion Ratio
119 100
91 84.
134 19.

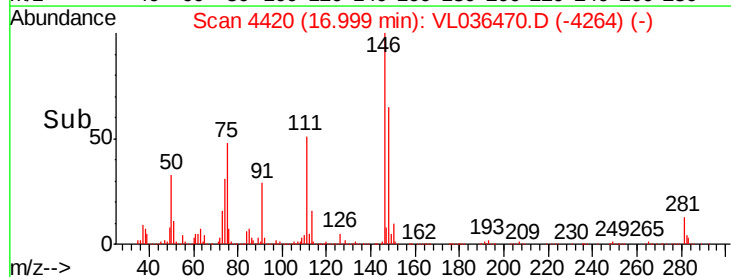
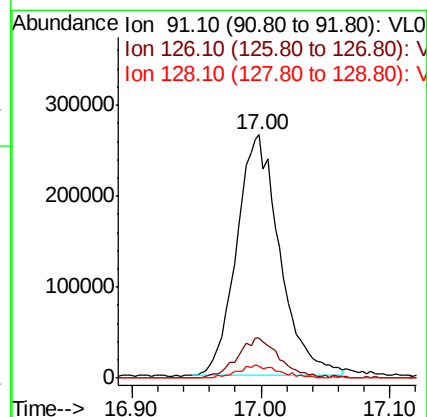
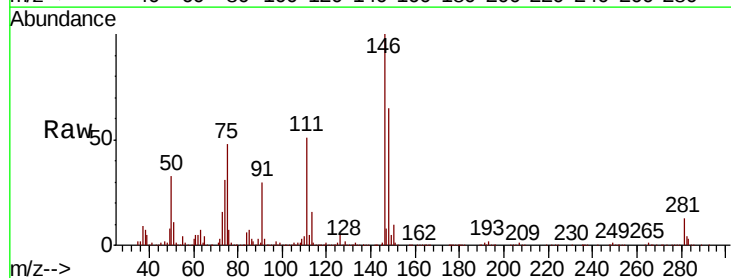
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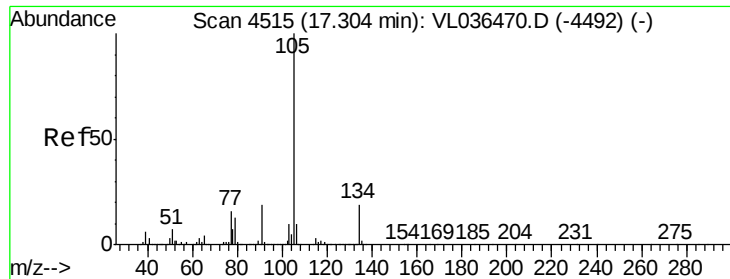
Reviewed By : Semsettin Yesilyurt 04/01/2021
Supervised By : Amit Patel 04/01/2021



#66
Benzyl Chloride
Concen: 5.286 ppbv
RT: 17.00 min Scan# 4420
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 91 Resp: 617871
Ion Ratio Lower Upper
91 100
126 16.9 13.5 20.3
128 5.3 4.2 6.2





#67

sec-Butylbenzene

Concen: 9.534 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:1

Ion Ratio

105 100

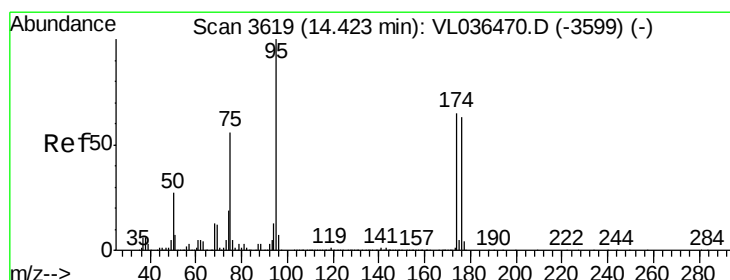
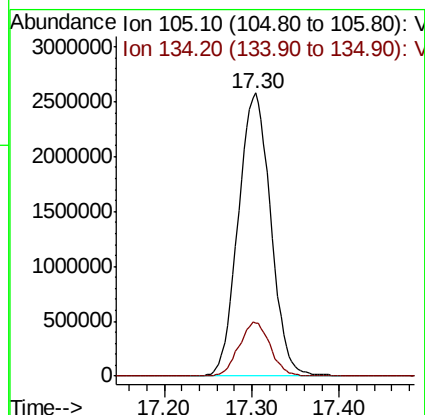
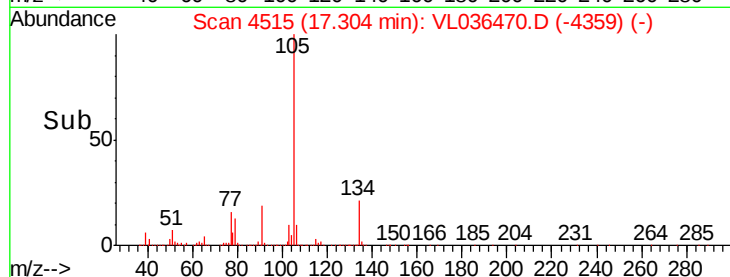
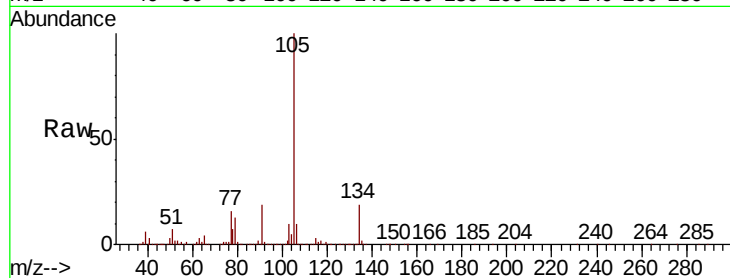
134 18.

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.166 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

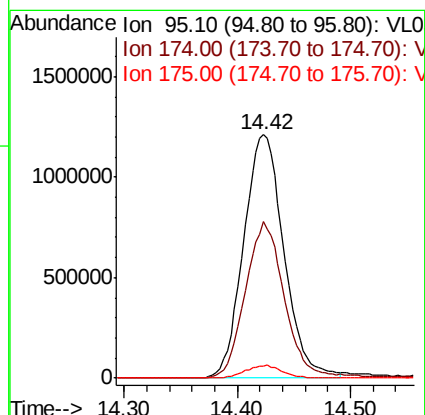
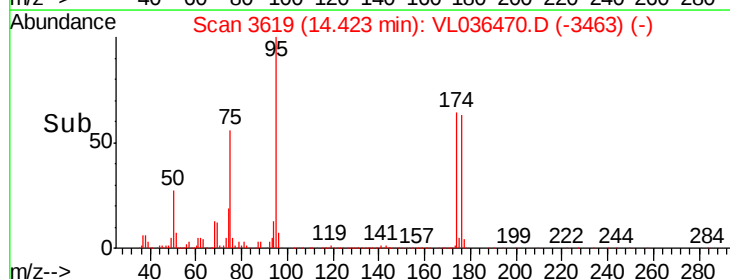
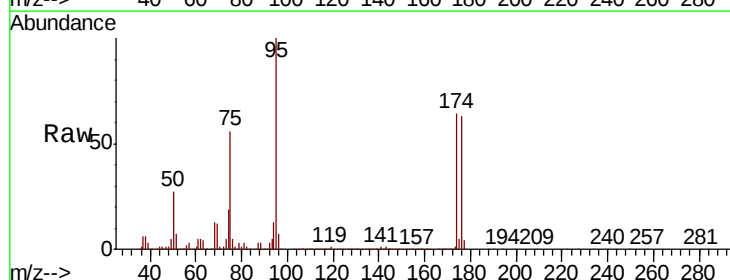
Tgt Ion: 95 Resp: 2994303

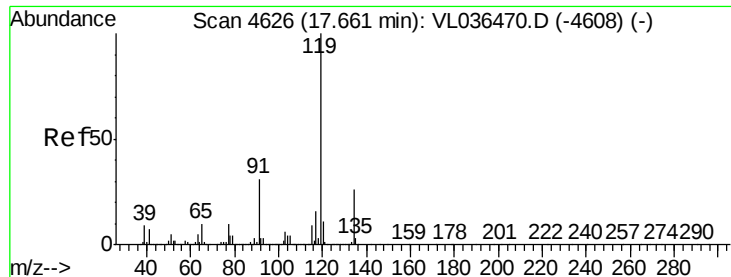
Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.6

175 4.9 3.9 5.9



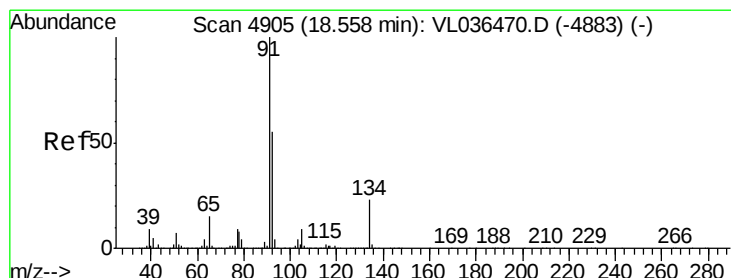
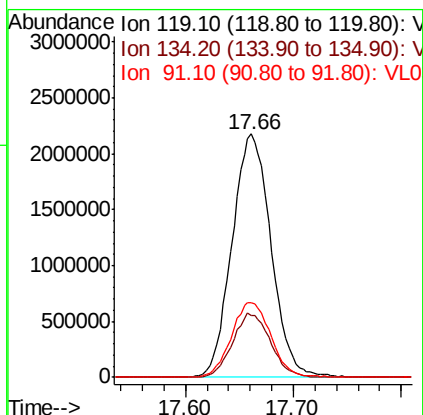
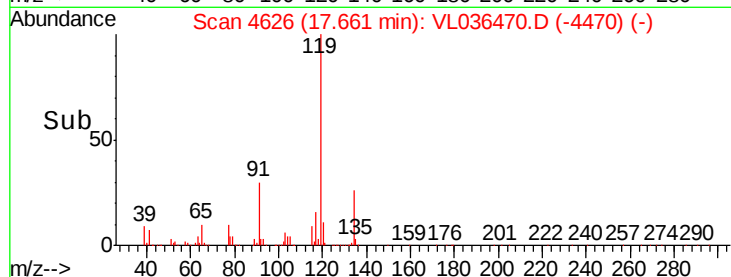
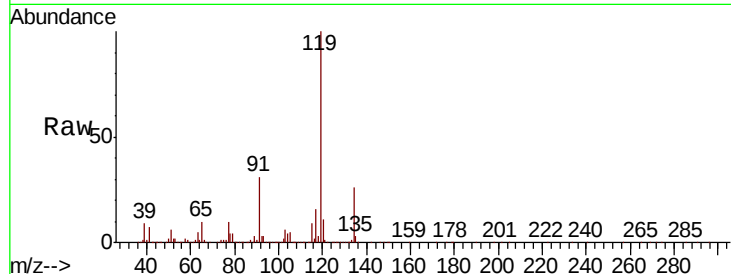


#69
 p-Isopropyltoluene
 Concen: 9.790 ppbv
 RT: 17.66 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

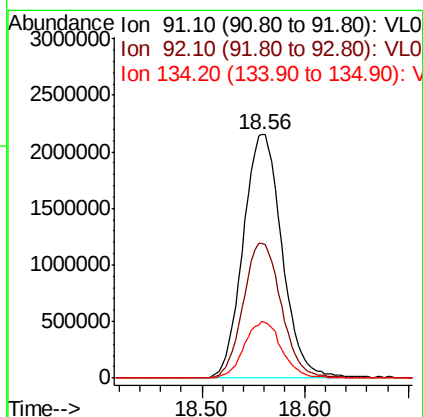
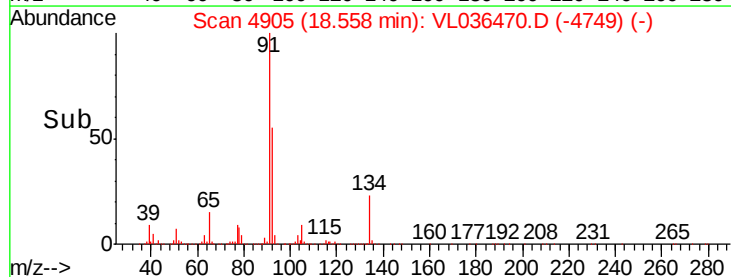
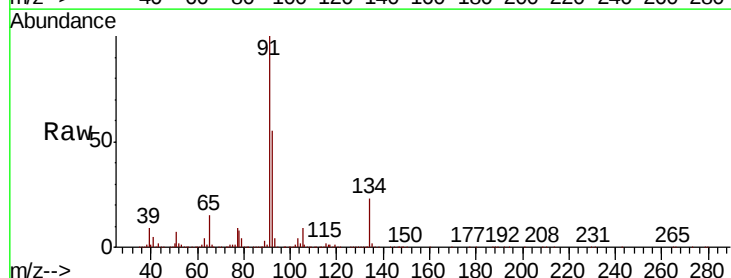
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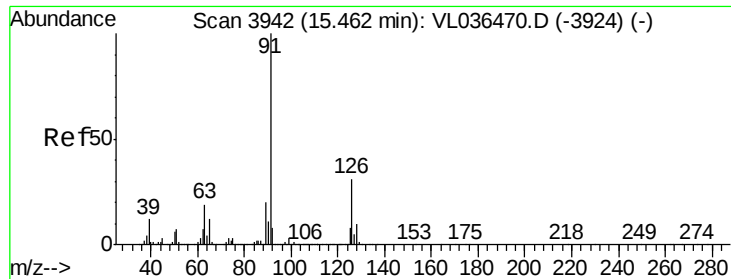
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#70
 n-Butylbenzene
 Concen: 9.767 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion: 91 Resp: 5625202
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.8 65.8
 134 22.5 18.0 27.0



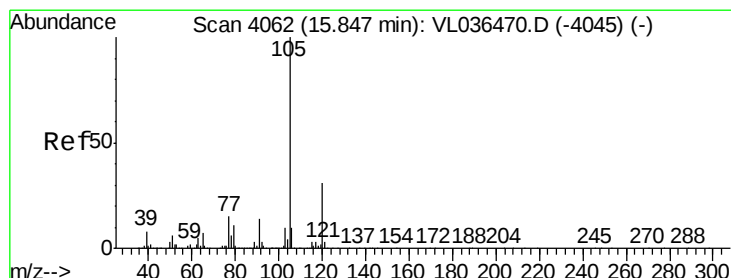
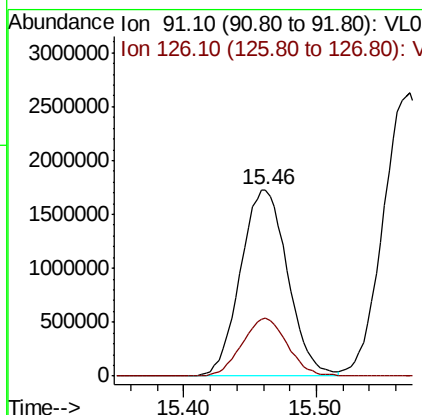
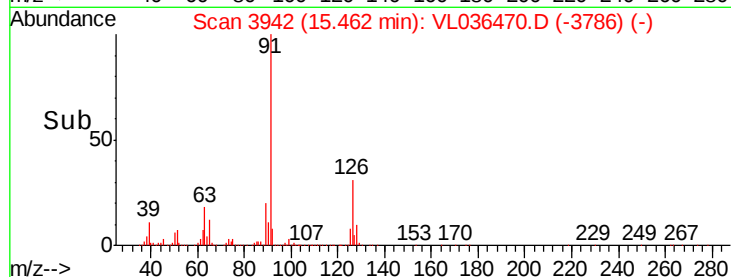
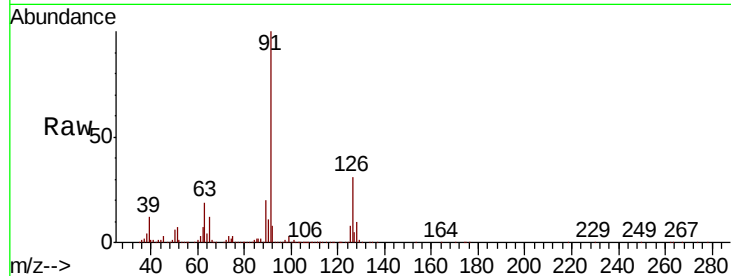


#71
 2-Chlorotoluene
 Concen: 9.912 ppbv
 RT: 15.46
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:
 Ion Ratio
 91 100
 126 30.

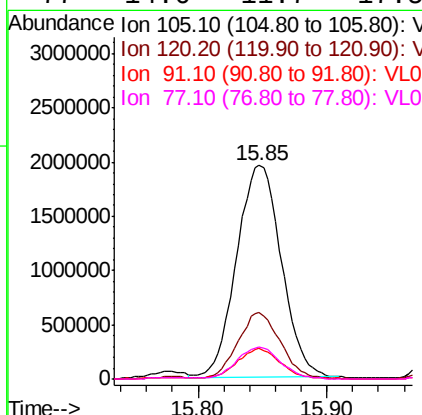
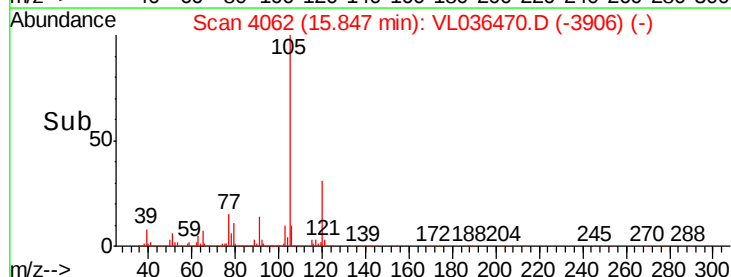
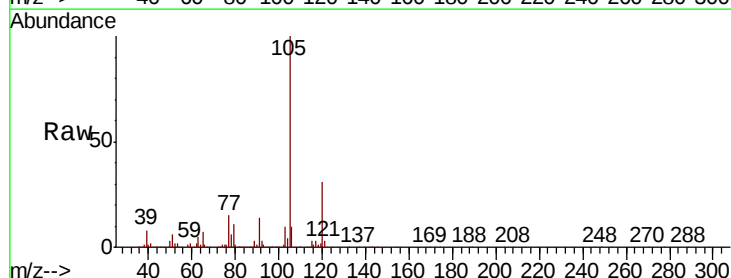
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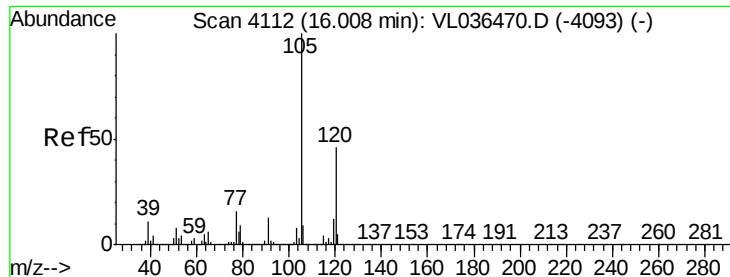
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#72
 4-Ethyltoluene
 Concen: 11.202 ppbv
 RT: 15.85 min Scan# 4062
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:105 Resp: 4733241
 Ion Ratio Lower Upper
 105 100
 120 30.0 24.0 36.0
 91 13.7 11.0 16.4
 77 14.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.651 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 2:01

Tot Ion:1

Ion Rati

105 100

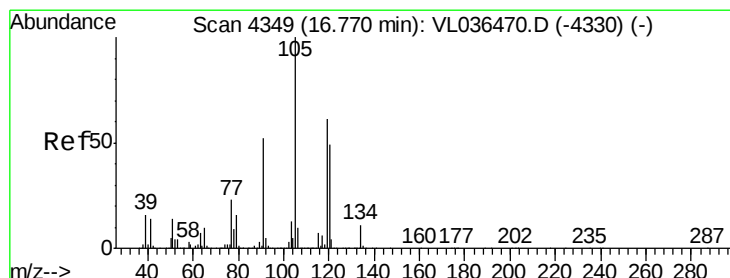
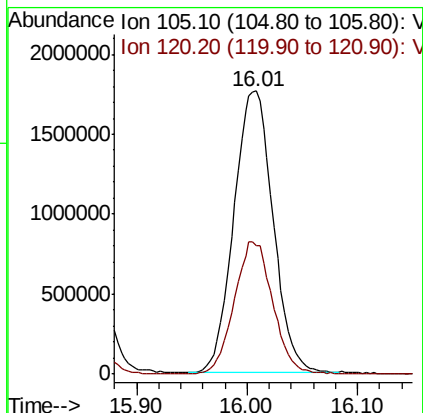
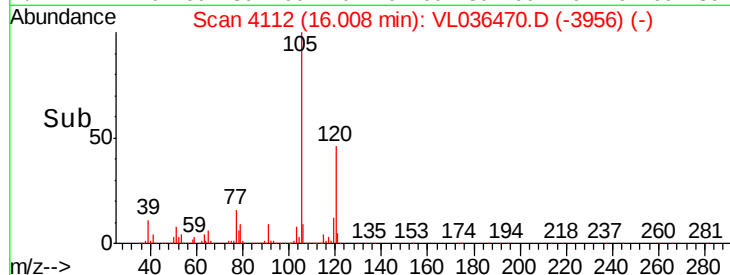
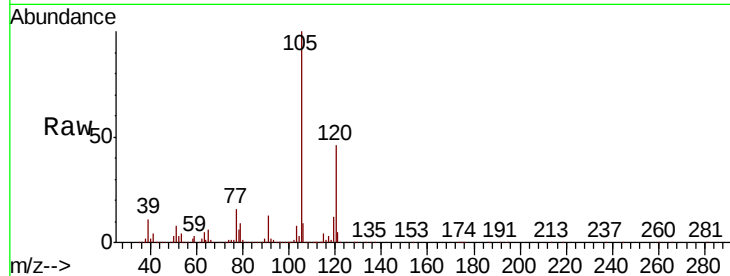
120 45.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/01/2021

Supervised By :Amit Patel 04/01/2021



#74

1,2,4-Trimethylbenzene

Concen: 10.176 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.00 min

Lab File: VL036470.D

Acq: 25 Mar 2021 2:01

Tgt Ion:105 Resp: 4396804

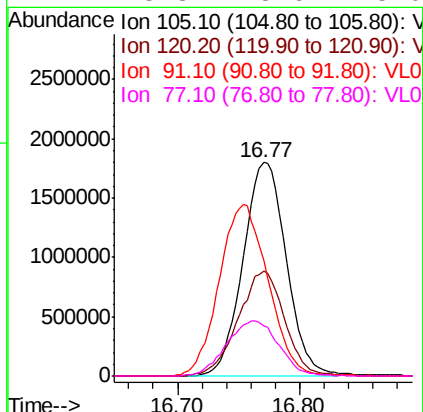
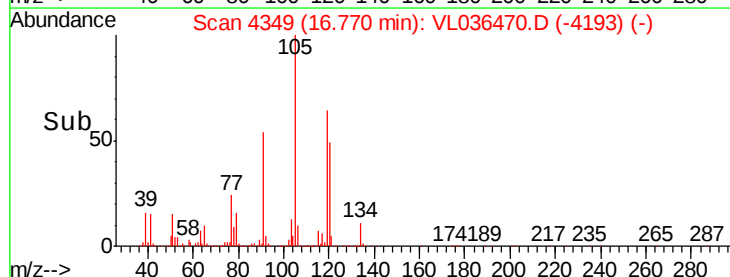
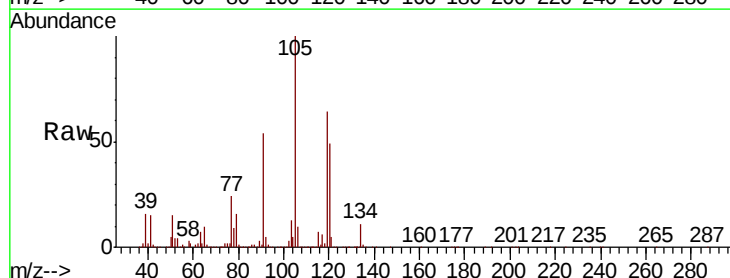
Ion Ratio Lower Upper

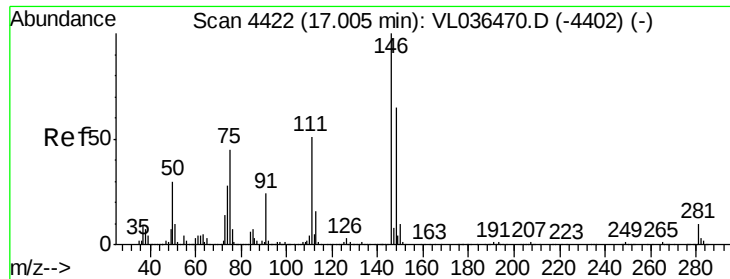
105 100

120 49.0 39.2 58.8

91 53.3 42.6 64.0

77 23.3 18.6 28.0



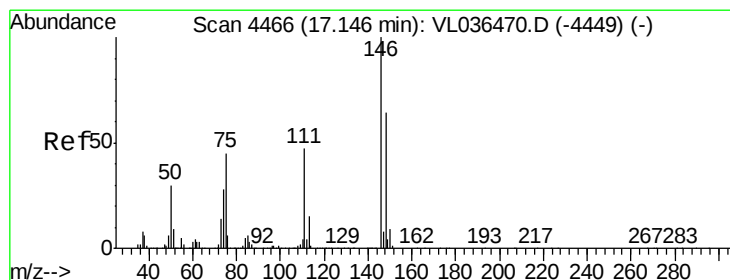
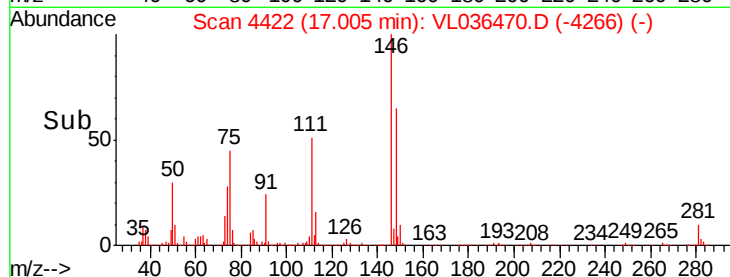
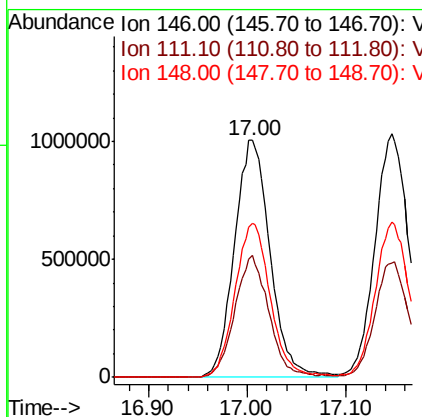
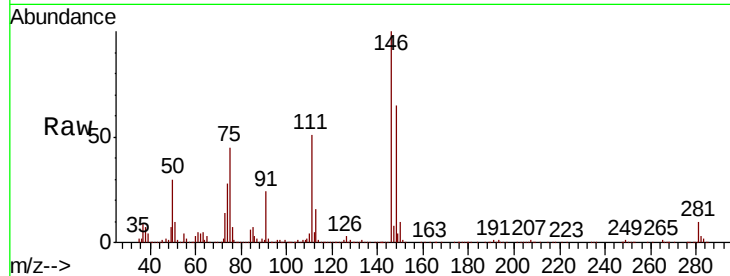


#75
 1,3-Dichlorobenzene
 Concen: 10.454 ppbv
 RT: 17.00 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 64.

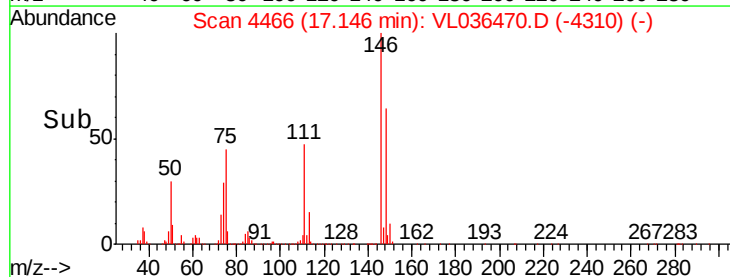
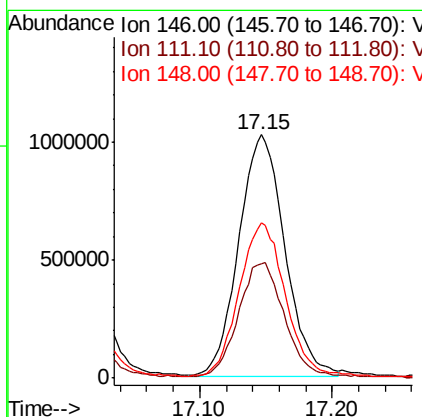
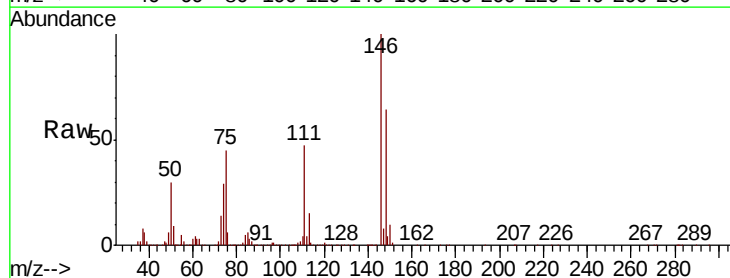
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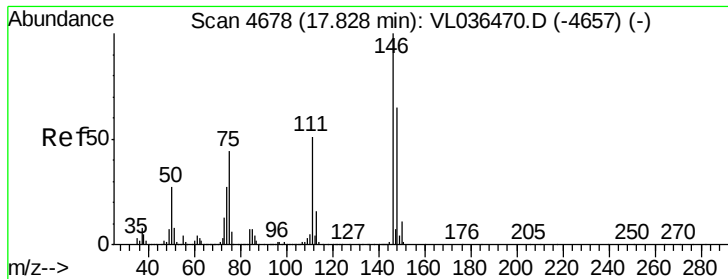
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#76
 1,4-Dichlorobenzene
 Concen: 10.225 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:146 Resp: 2467478
 Ion Ratio Lower Upper
 146 100
 111 48.5 24.3 73.0
 148 65.9 32.9 98.6



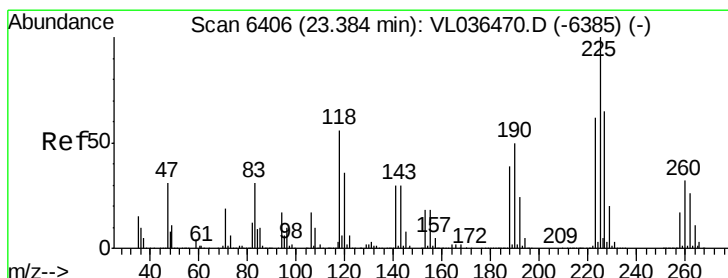
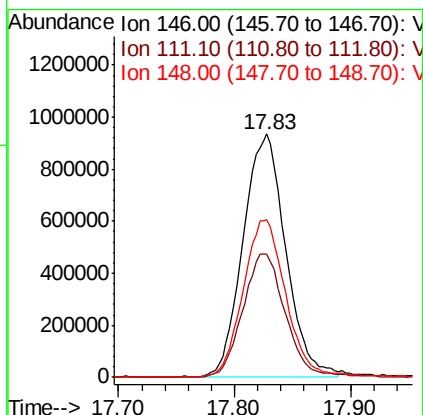
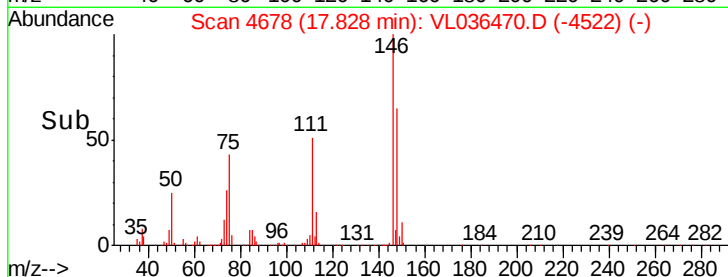
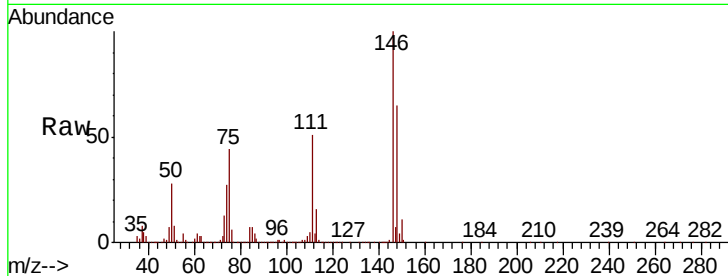


#77
 1,2-Dichlorobenzene
 Concen: 10.104 ppbv
 RT: 17.83 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 65.

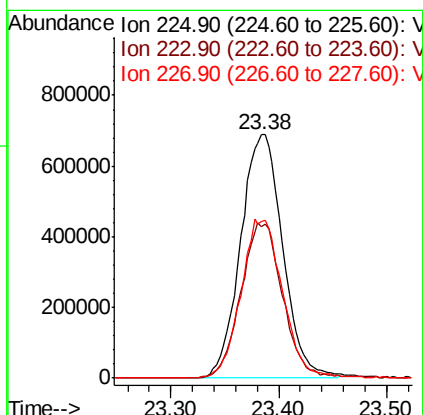
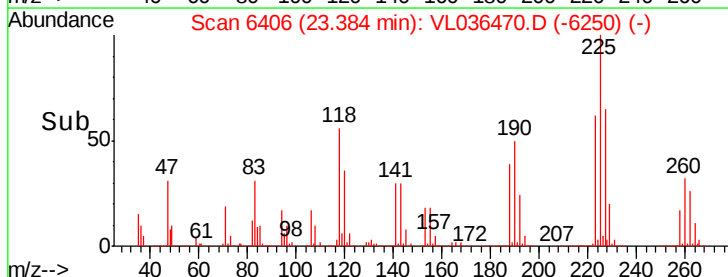
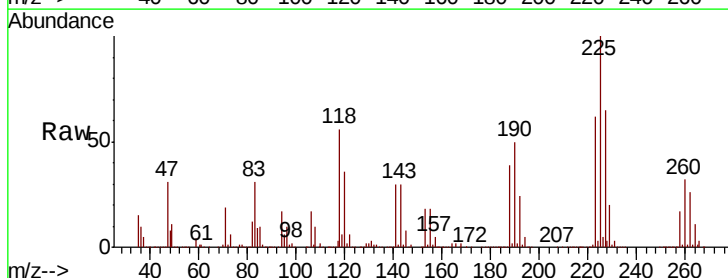
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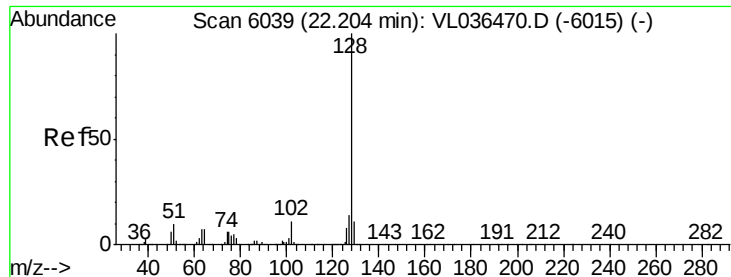
Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.797 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T. 0.00 min
 Lab File: VL036470.D
 Acq: 25 Mar 2021 2:01

Tgt Ion:225 Resp: 1869750
 Ion Ratio Lower Upper
 225 100
 223 63.2 50.9 76.3
 227 65.2 52.2 78.2



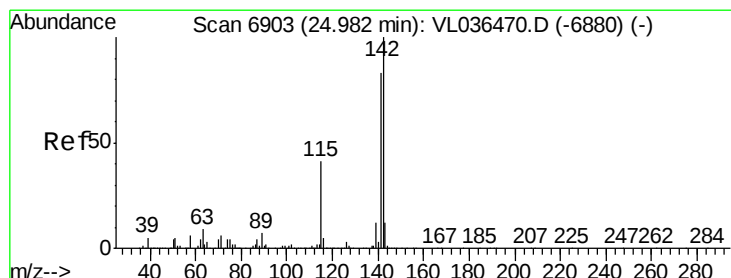
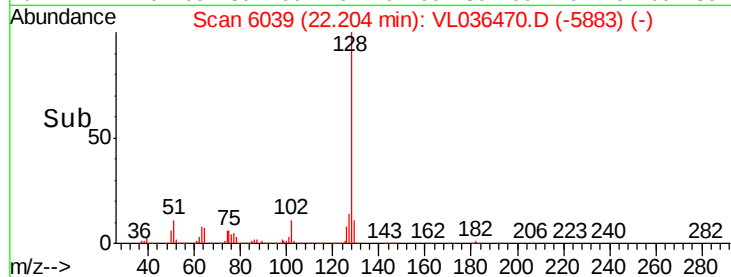
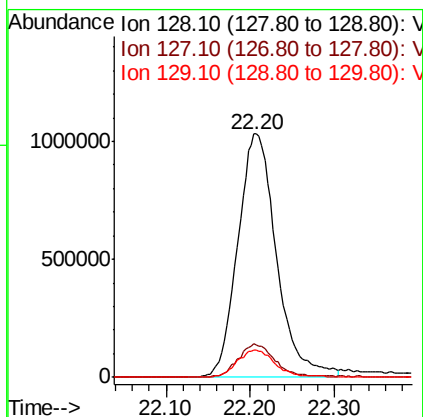
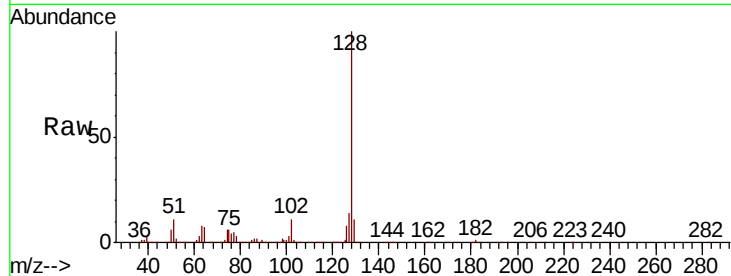


#79
Naphthalene
Concen: 12.808 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDICCC010
Acq: 25 Mar 2021 2:01

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

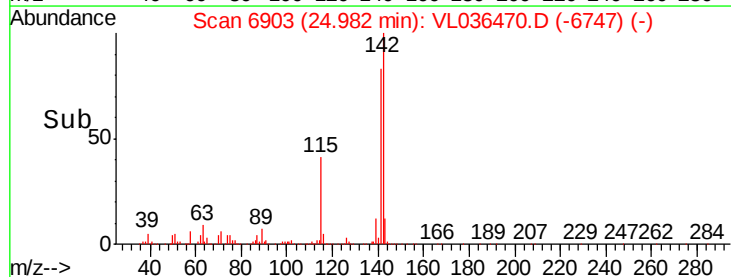
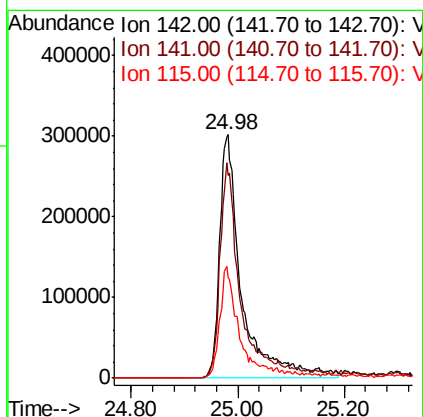
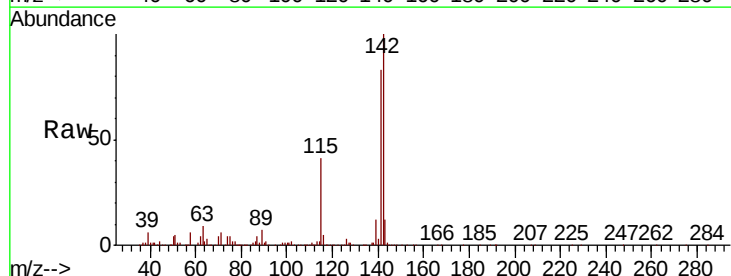
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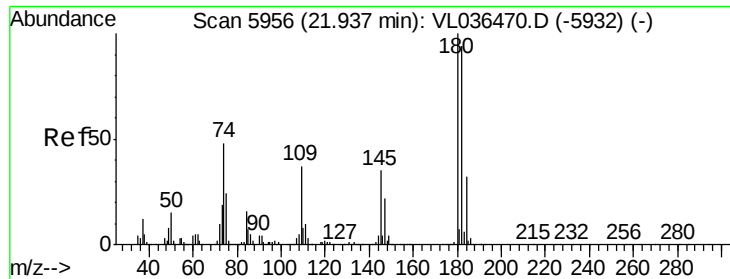
Reviewed By : Semsettin Yesilyurt 04/01/2021
Supervised By : Amit Patel 04/01/2021



#80
Naphthalene, 2-methyl-
Concen: 15.928 ppbv
RT: 24.98 min Scan# 6903
Delta R.T.: 0.00 min
Lab File: VL036470.D
Acq: 25 Mar 2021 2:01

Tgt Ion: 142 Resp: 872116
Ion Ratio Lower Upper
142 100
141 84.8 67.7 101.5
115 42.5 33.4 50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 12.127 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDICCC010
 Acq: 25 Mar 2021 2:01

Tot Ion:1
 Ion Rati
 180 100
 182 101.
 184 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/01/2021
 Supervised By :Amit Patel 04/01/2021

