

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036816.D
 Acq On : 14 Apr 2021 00:38
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Apr 14 10:04:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1293154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3386120	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2888166m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1964270	8.53	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	85.30%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1845139	8.748	ppbv	99
3) Chlorodifluoromethane	2.98	51	2260034	9.354	ppbv	100
4) Chloromethane	3.13	50	714570	8.373	ppbv	97
5) Vinyl Chloride	3.25	62	746456	8.507	ppbv	100
6) Bromomethane	3.47	94	403796	8.358	ppbv	99
7) Chloroethane	3.55	64	254366	8.436	ppbv	91
8) Dichlorotetrafluoroethane	3.18	85	1769432	8.790	ppbv	97
9) Propene	3.01	41	707451	9.185	ppbv	96
10) Heptane	8.12	43	1785488	9.099	ppbv	99
11) Trichlorofluoromethane	3.94	101	1826876	8.499	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1213957	8.833	ppbv	100
13) Ethanol	3.61	45	65283	7.117	ppbv	89
14) Bromoethene	3.73	108	509732	8.922	ppbv	99
15) Acetone	3.85	43	922399	7.247	ppbv	98
16) 1,3-Butadiene	3.32	39	792022	8.938	ppbv	98
17) tert-Butyl alcohol	4.29	59	1163550	10.502	ppbv	99
18) 1,1-Dichloroethene	4.28	96	535871	8.766	ppbv	96
19) Isopropyl Alcohol	3.97	45	642815	9.181	ppbv #	94
20) Methylene Chloride	4.34	84	457756	7.682	ppbv	96
21) Allyl Chloride	4.41	41	844225	8.321	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	477012	8.417	ppbv	89
23) Vinyl Acetate	5.07	43	1932237	8.875	ppbv	100
24) 1,1-Dichloroethane	5.01	63	1385024	8.728	ppbv	99
25) Ethyl Acetate	5.68	43	2662909	8.800	ppbv	99
26) Hexane	5.68	57	1255138	8.938	ppbv	99
27) Carbon Disulfide	4.55	76	1303566	9.424	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1498055	9.046	ppbv	99
29) Chloroform	5.75	83	1984662	8.838	ppbv	100
30) Cyclohexane	7.12	84	1074641	9.436	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1240143	9.131	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	2016852	8.911	ppbv	99
34) 2-Butanone	5.25	43	1290358	7.807	ppbv	99
35) Carbon Tetrachloride	7.01	117	2084514	8.015	ppbv	97
36) Benzene	6.89	78	2639700	8.453	ppbv	97
37) 1,2-Dichloroethane	6.30	62	1511382	8.223	ppbv	99
38) Trichloroethene	7.83	130	988539	8.134	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1036888	8.185	ppbv	98
40) 1,4-Dioxane	7.84	88	276537m	9.379	ppbv	
41) Tetrahydrofuran	6.05	42	584948	7.675	ppbv	96
42) Bromodichloromethane	7.79	83	2146018	8.584	ppbv	99
43) Methyl Methacrylate	8.01	69	983934	9.383	ppbv	98

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 Supervised By : Mahesh Dadoda 04/14/2021

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	4513732	8.212	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	849794	7.097	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1109131	7.246	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1057424	8.241	ppbv	96
48) Dibromochloromethane	10.30	129	1803820	9.222	ppbv	99
49) Bromoform	13.04	173	1485716	9.427	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1905840	7.969	ppbv	100
51) 2-Hexanone	10.14	43	987461	8.182	ppbv #	99
52) Tetrachloroethene	11.22	164	916676	7.971	ppbv	98
53) Toluene	9.80	91	2993081	9.000	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1548766	8.547	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	1250362	9.572	ppbv	93
57) Chlorobenzene	12.15	112	2245618	9.138	ppbv	95
58) Ethyl Benzene	12.71	91	4003873	9.529	ppbv	100
59) m/p-Xylene	13.00	91	6797339m	18.547	ppbv	
60) o-Xylene	13.69	91	3184071	8.985	ppbv	100
61) Styrene	13.53	104	1747254	9.801	ppbv	99
62) Isopropylbenzene	14.67	105	4492583	9.414	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2292519	8.481	ppbv	99
64) n-propylbenzene	15.56	120	1164257	9.979	ppbv	99
65) tert-Butylbenzene	16.74	119	3915864	9.463	ppbv	99
66) Benzyl Chloride	16.99	91	308677m	6.749	ppbv	
67) sec-Butylbenzene	17.30	105	5506846	9.428	ppbv	99
69) p-Isopropyltoluene	17.65	119	4539520	9.952	ppbv	99
70) n-Butylbenzene	18.55	91	4546879	9.614	ppbv	99
71) 2-Chlorotoluene	15.45	91	3427585	9.585	ppbv	99
72) 4-Ethyltoluene	15.84	105	3823409	9.846	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	3403515	9.391	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	3542820	9.135	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	2117513	9.700	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1986834	9.167	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	2024730	9.867	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	1584472	8.622	ppbv	99
79) Naphthalene	22.20	128	2328355	10.288	ppbv	98
80) Naphthalene, 2-methyl-	24.98	142	381840	8.556	ppbv	99
81) 1,2,4-Trichlorobenzene	21.93	180	1425589	10.202	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 49.

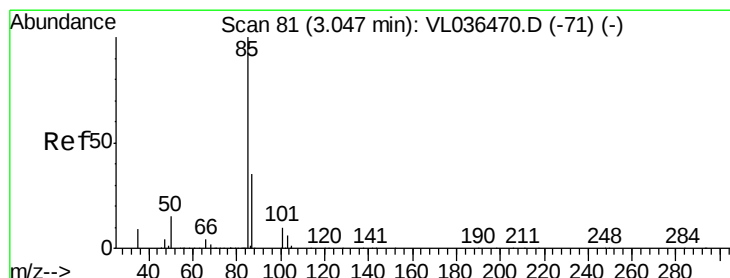
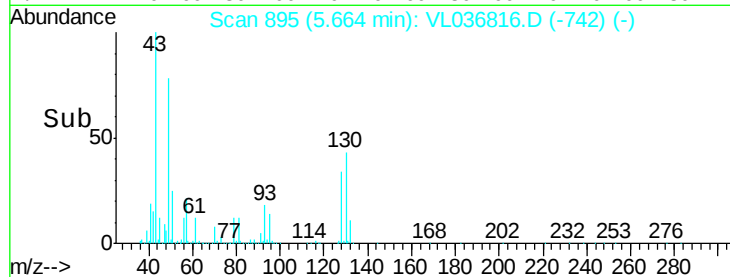
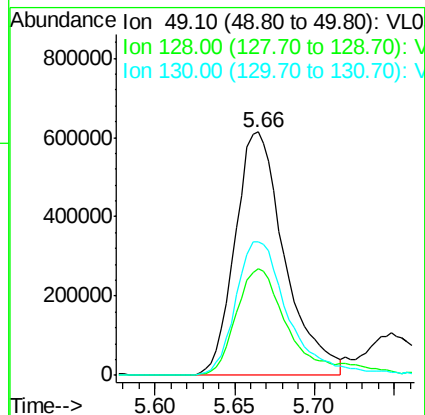
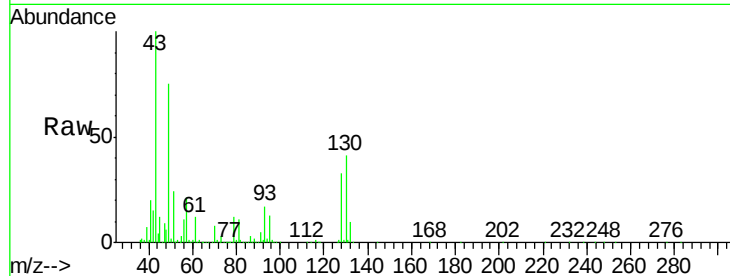
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#2

Dichlorodifluoromethane

Concen: 8.748 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036816.D

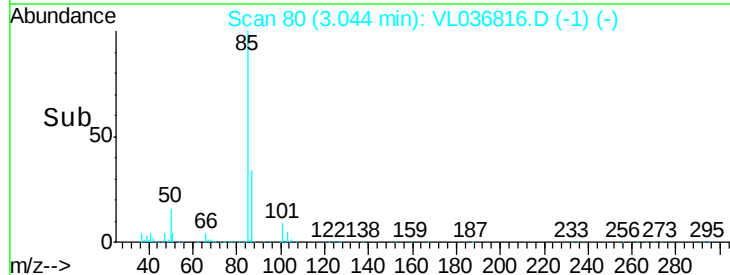
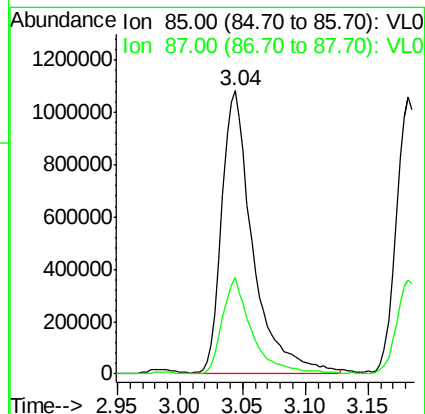
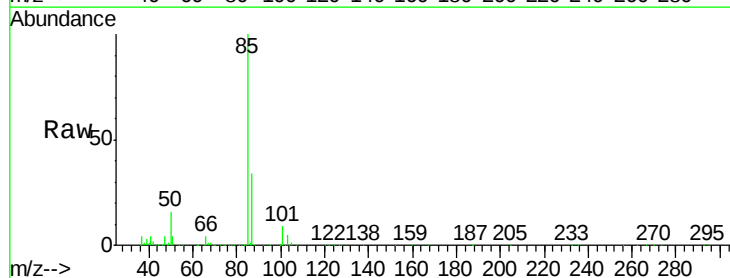
Acq: 14 Apr 2021 00:38

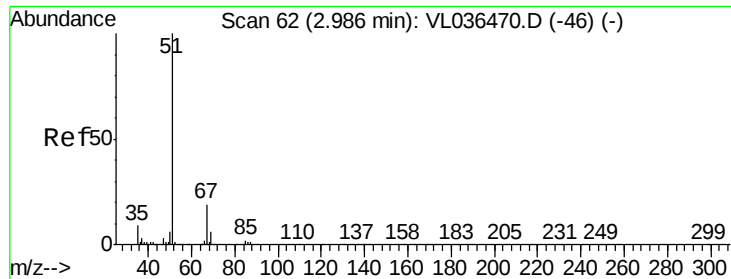
Tgt Ion: 85 Resp: 1845139

Ion Ratio Lower Upper

85 100

87 34.1 27.8 41.8





#3

Chlorodifluoromethane

Concen: 9.354 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

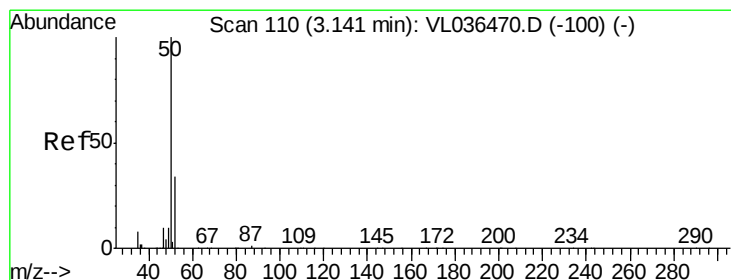
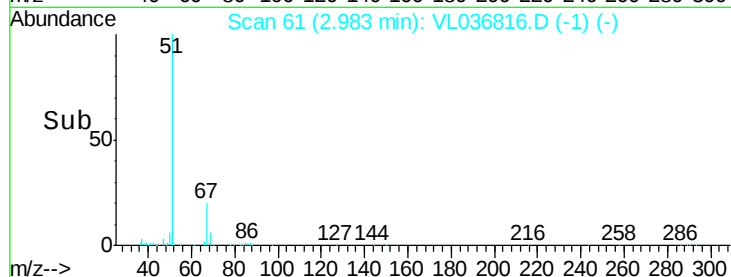
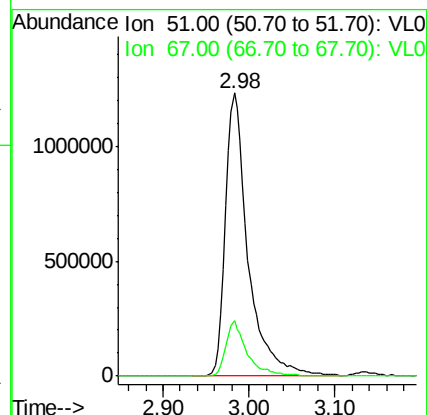
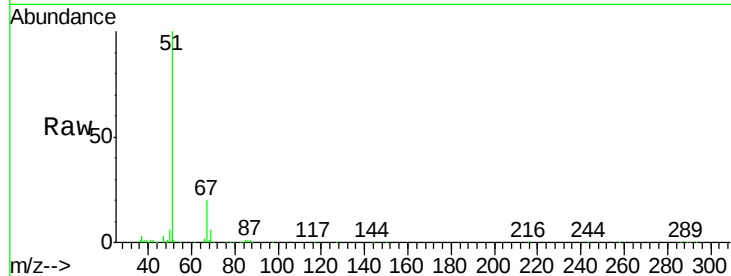
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#4

Chloromethane

Concen: 8.373 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036816.D

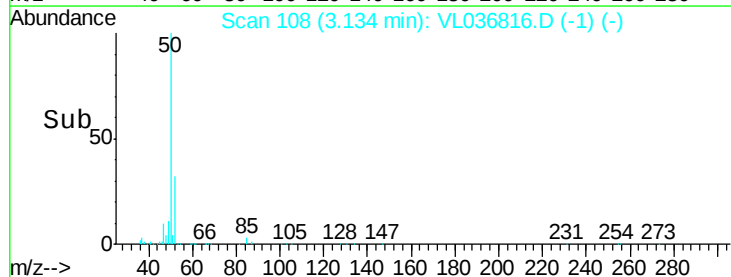
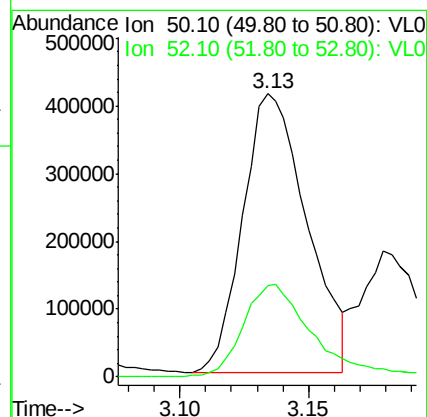
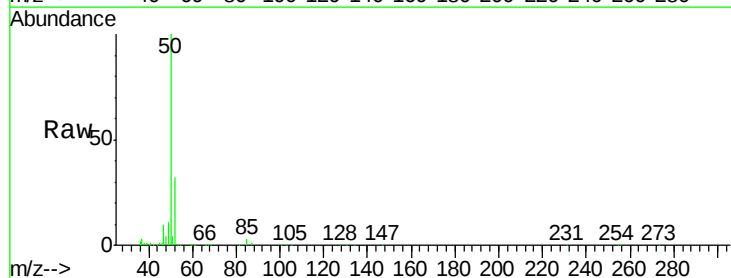
Acq: 14 Apr 2021 00:38

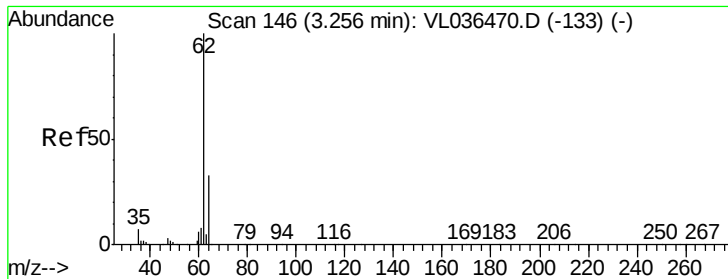
Tgt Ion: 50 Resp: 714570

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.6





#5

Vinyl Chloride

Concen: 8.507 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

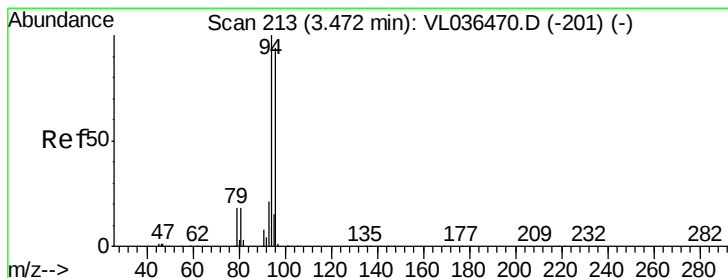
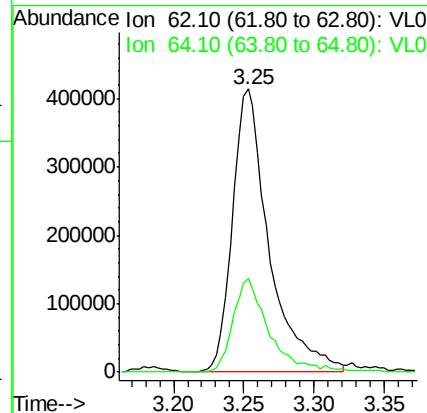
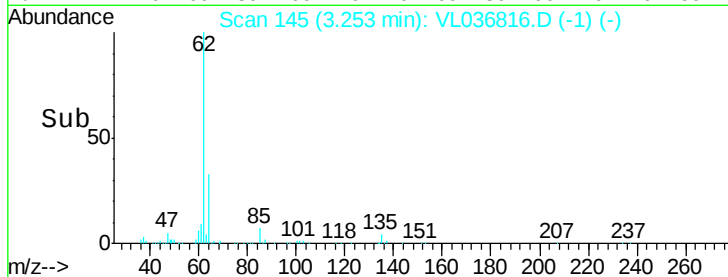
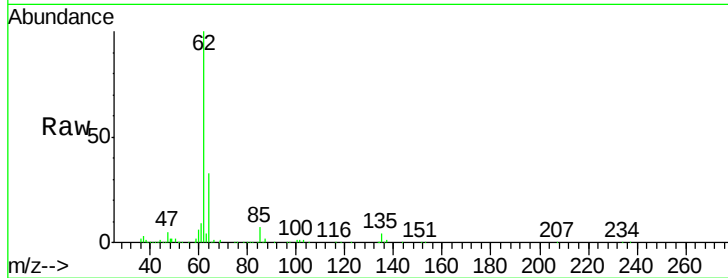
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#6

Bromomethane

Concen: 8.358 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.00 min

Lab File: VL036816.D

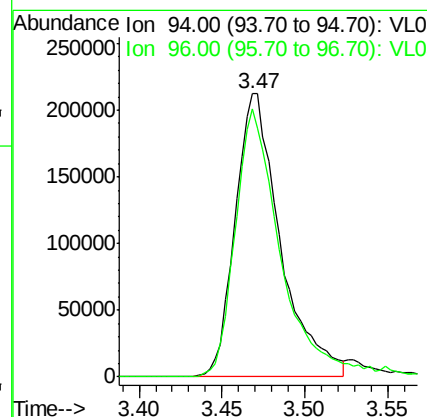
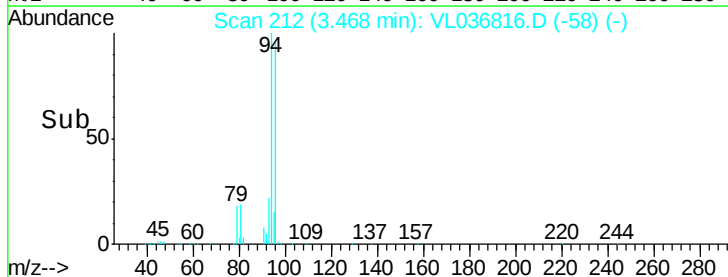
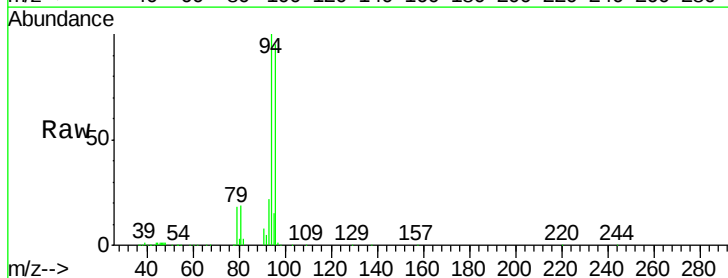
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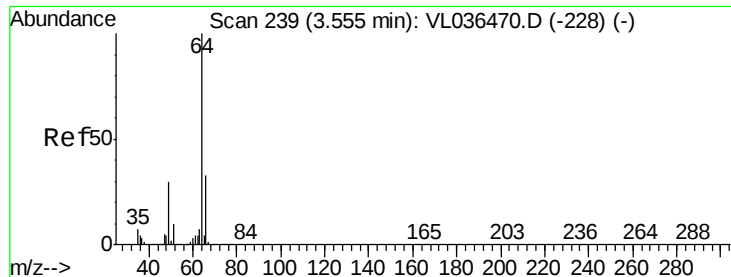
Tgt Ion: 94 Resp: 403796

Ion Ratio Lower Upper

94 100

96 94.7 74.9 112.3





#7

Chloroethane

Concen: 8.436 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

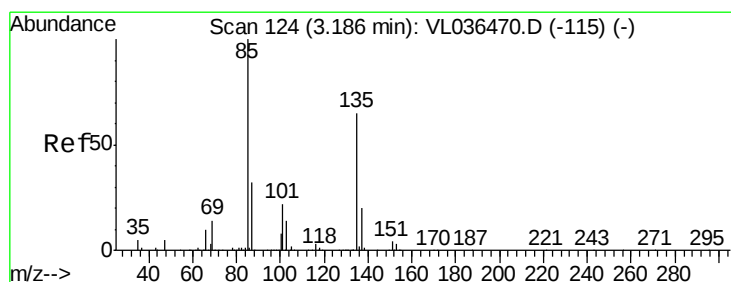
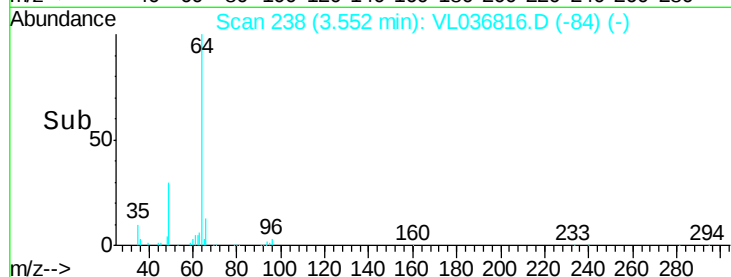
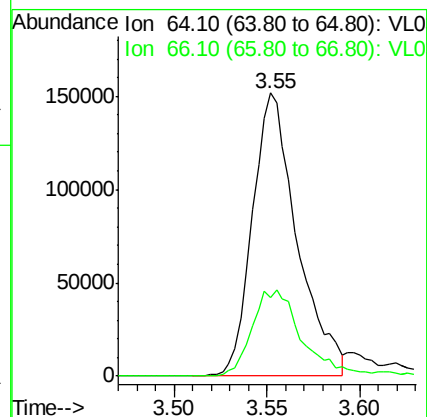
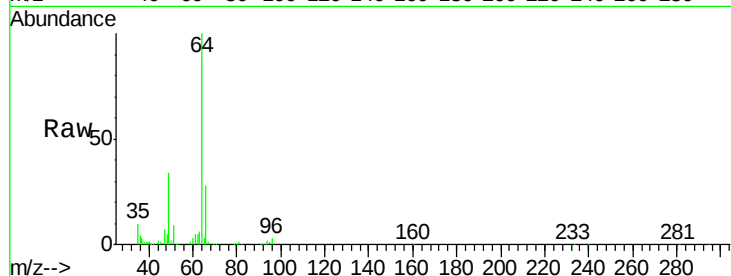
66 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#8

Dichlorotetrafluoroethane

Concen: 8.790 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.00 min

Lab File: VL036816.D

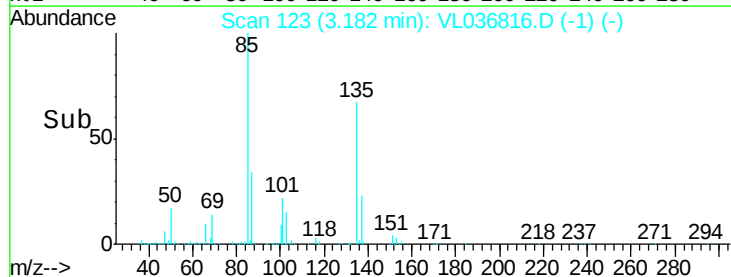
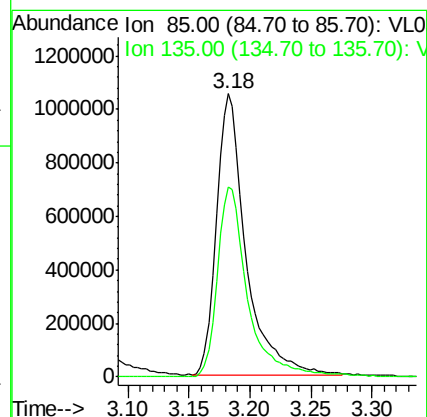
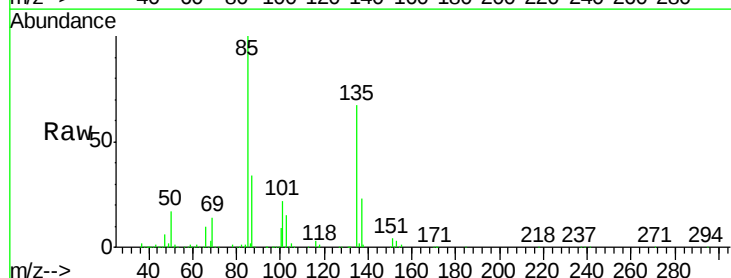
Acq: 14 Apr 2021 00:38

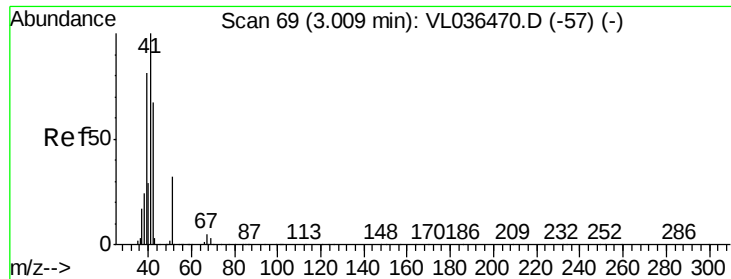
Tgt Ion: 85 Resp: 1769432

Ion Ratio Lower Upper

85 100

135 70.6 54.3 81.5



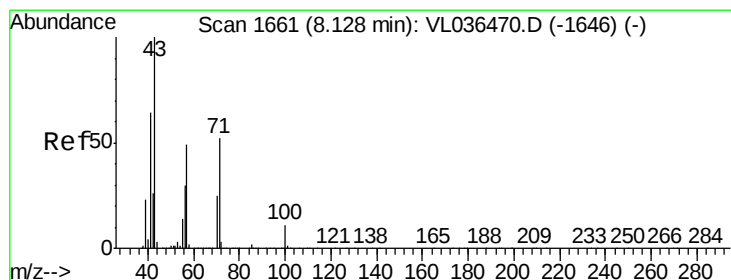
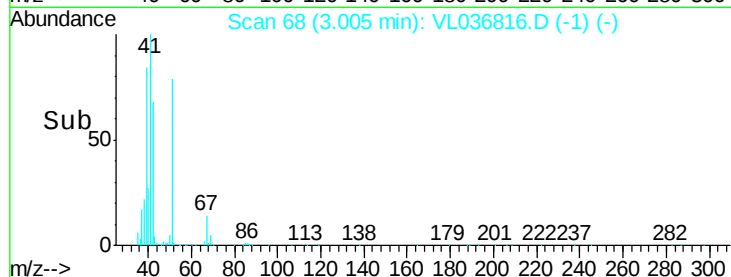
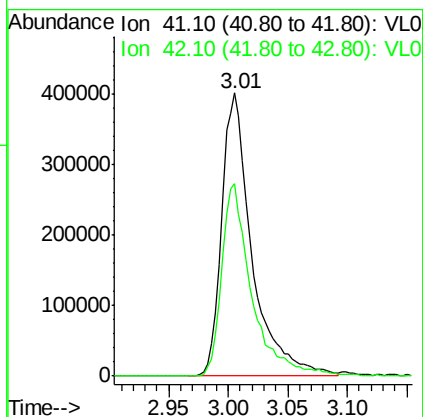
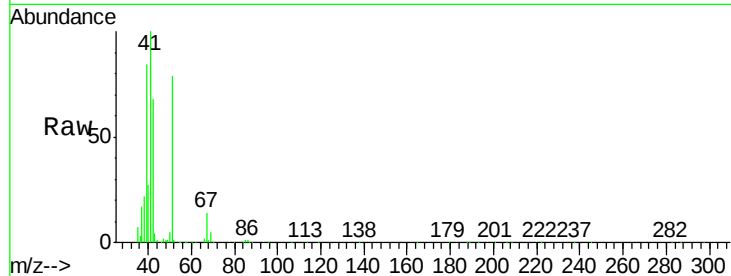


#9
Propene
Concen: 9.185 ppbv
RT: 3.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:
Ion Ratio
41 100
42 68.

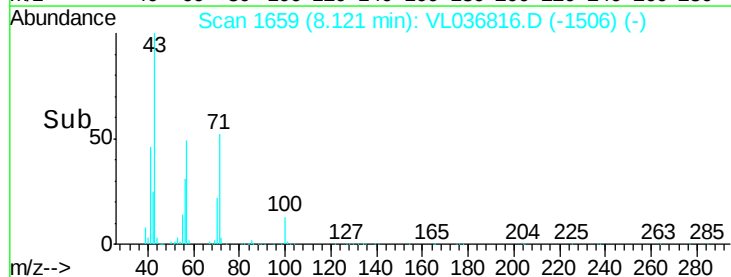
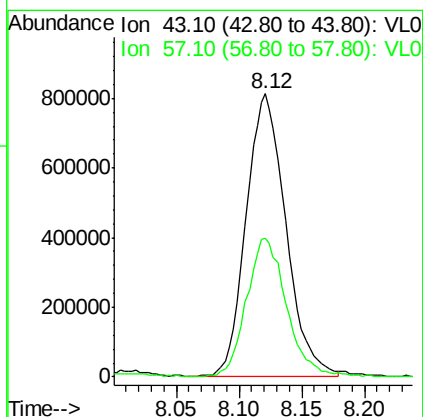
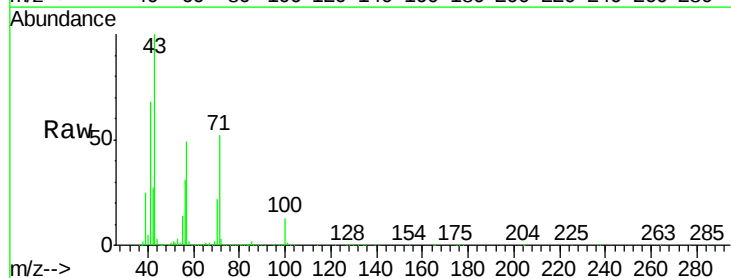
Manual Integrations
APPROVED

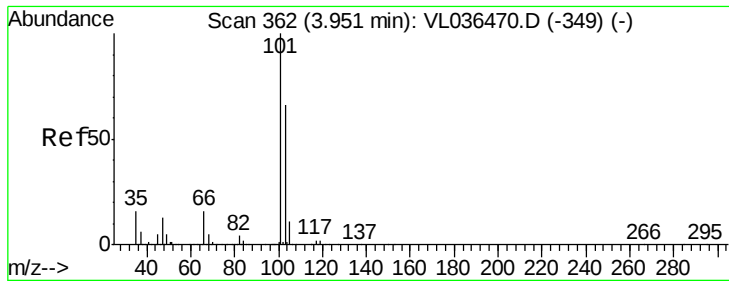
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#10
Heptane
Concen: 9.099 ppbv
RT: 8.12 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 43 Resp: 1785488
Ion Ratio Lower Upper
43 100
57 49.5 39.0 58.6



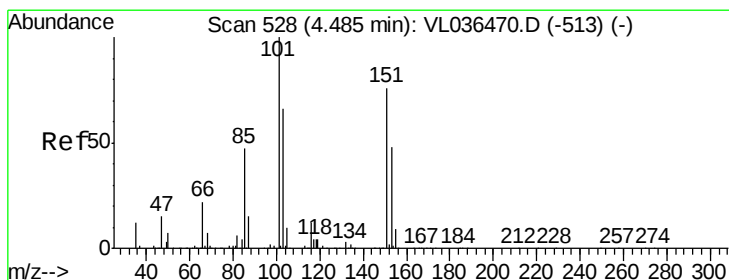
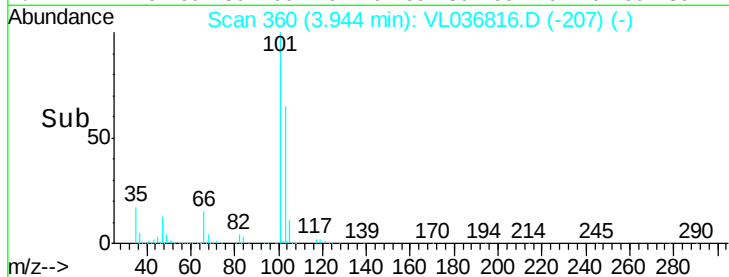
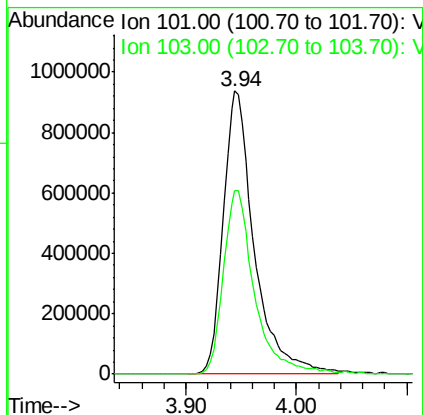
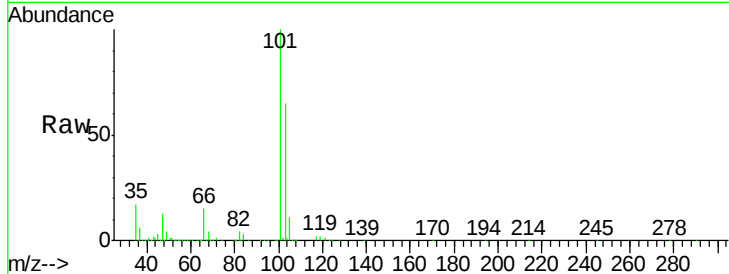


#11
 Trichlorofluoromethane
 Concen: 8.499 ppbv
 RT: 3.94
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:1
 Ion Rati
 101 100
 103 64.

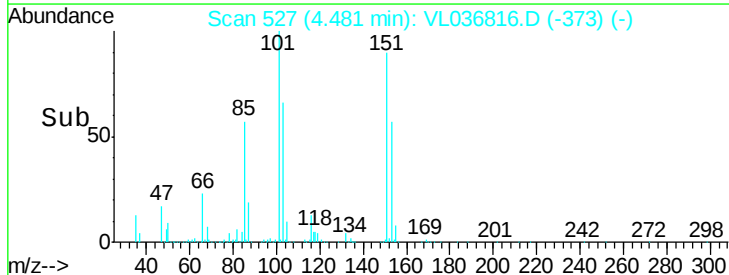
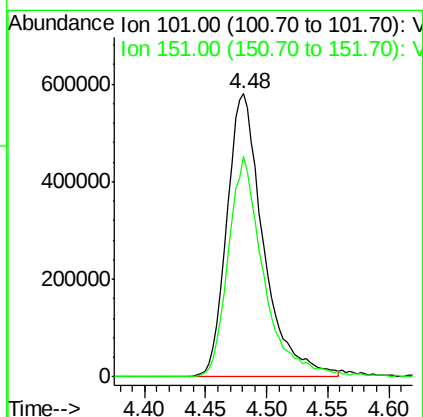
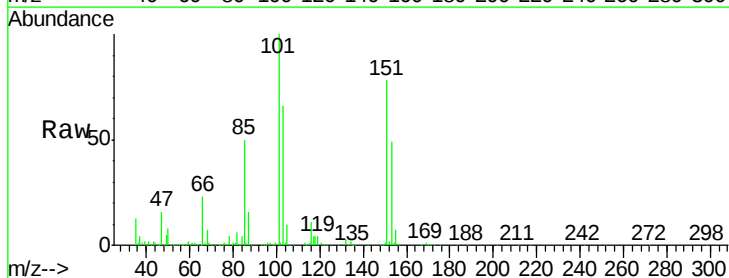
Manual Integrations
 APPROVED

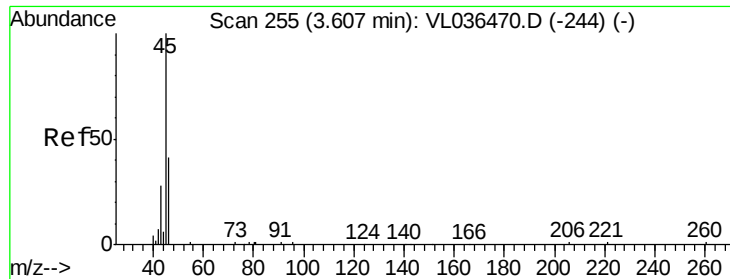
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.833 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:101 Resp: 1213957
 Ion Ratio Lower Upper
 101 100
 151 75.9 60.9 91.3



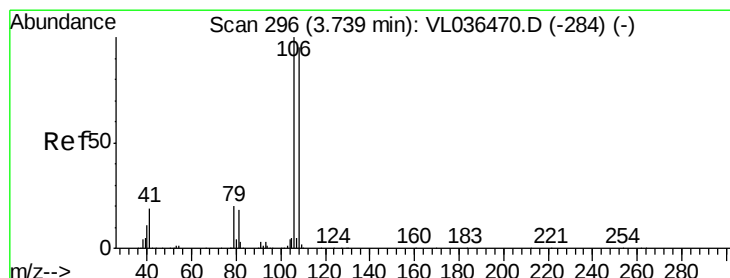
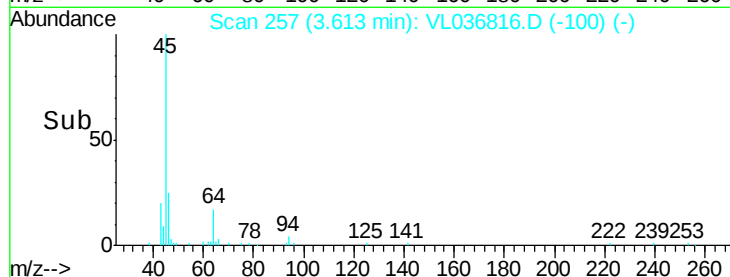
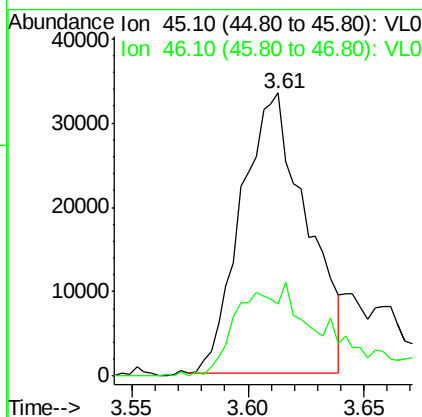
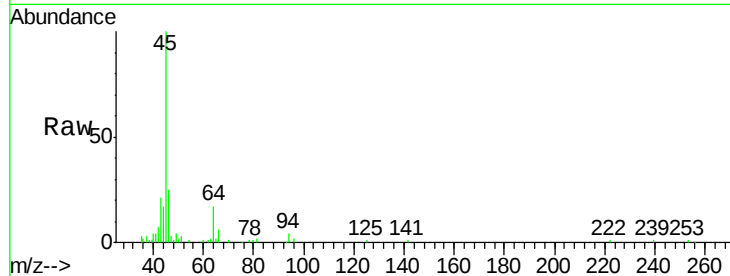


#13
Ethanol
Concen: 7.117 ppbv
RT: 3.61
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

Tot Ion:
Ion Ratio
45 100
46 48.

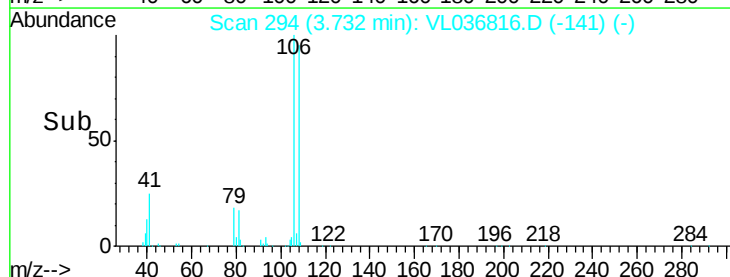
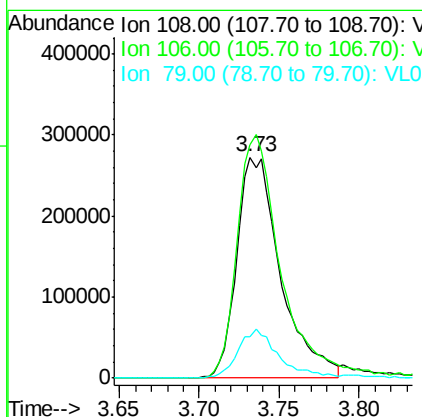
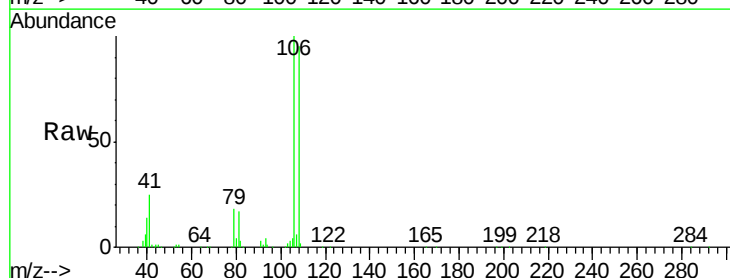
Manual Integrations
APPROVED

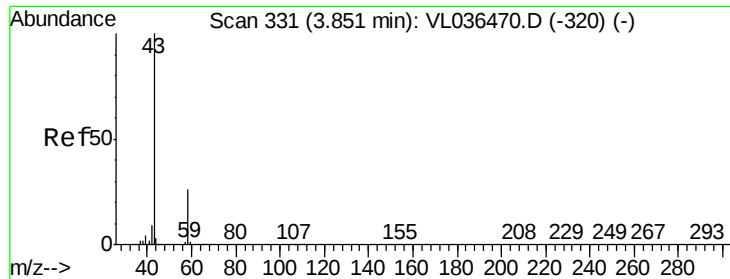
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#14
Bromoethene
Concen: 8.922 ppbv
RT: 3.73 min Scan# 294
Delta R.T.: -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion:108 Resp: 509732
Ion Ratio Lower Upper
108 100
106 112.2 89.0 133.6
79 21.9 16.6 25.0





#15

Acetone

Concen: 7.247 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

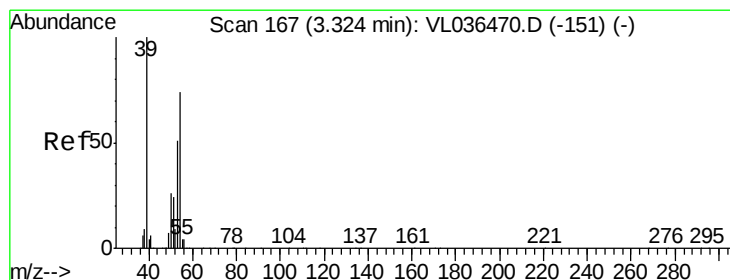
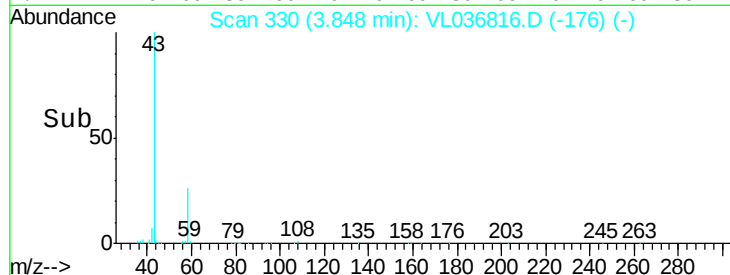
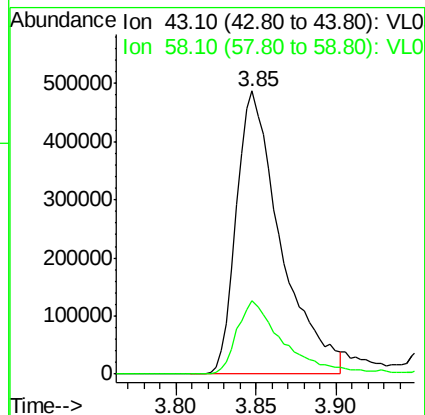
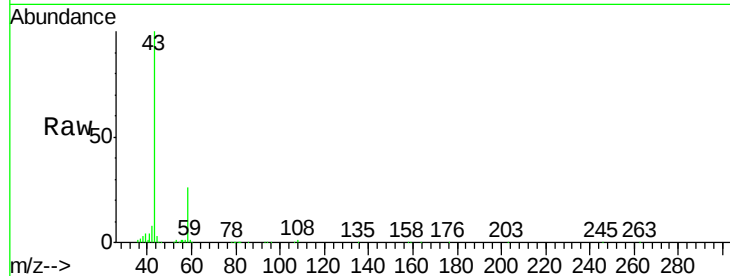
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#16

1,3-Butadiene

Concen: 8.938 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.00 min

Lab File: VL036816.D

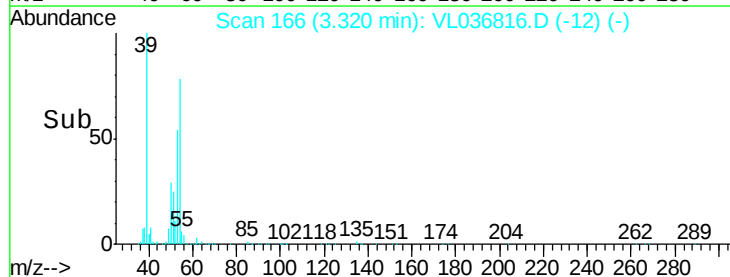
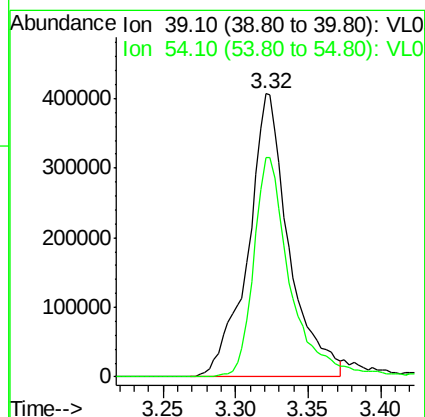
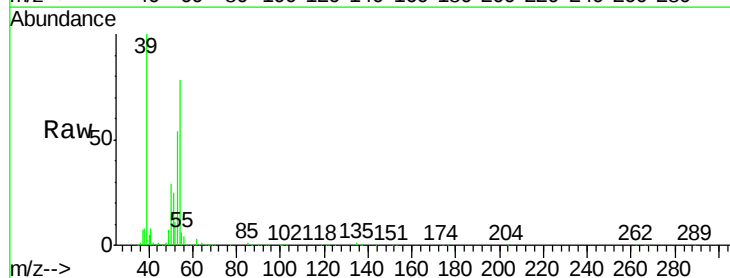
Acq: 14 Apr 2021 00:38

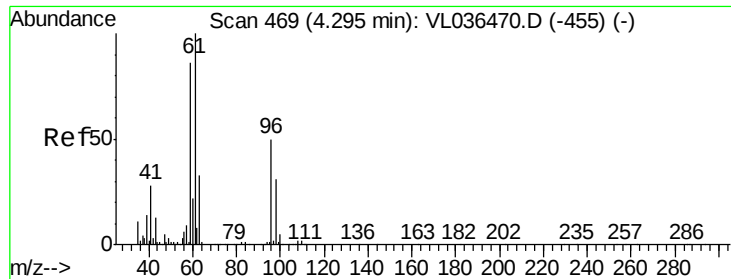
Tgt Ion: 39 Resp: 792022

Ion Ratio Lower Upper

39 100

54 71.6 58.8 88.2





#17

tert-Butyl alcohol

Concen: 10.502 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 14 Apr 2021 00:38

Tot Ion:

Ion Ratio

59 100

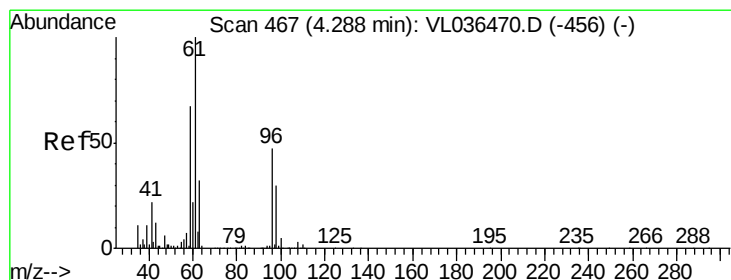
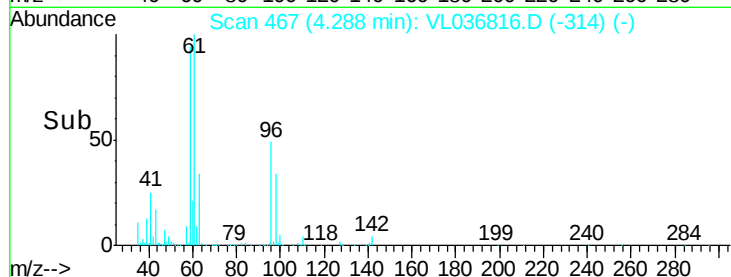
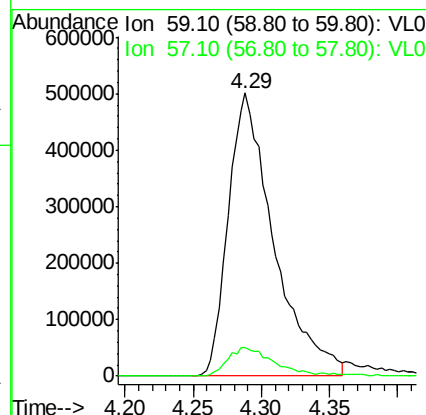
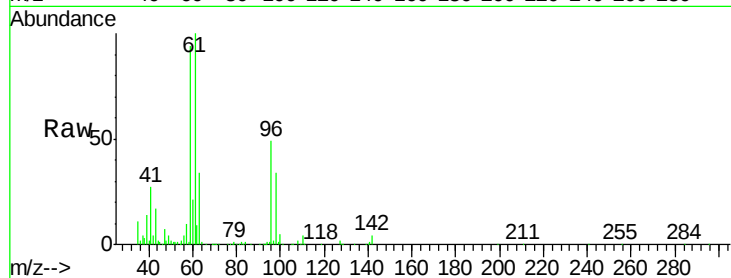
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#18

1,1-Dichloroethene

Concen: 8.766 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

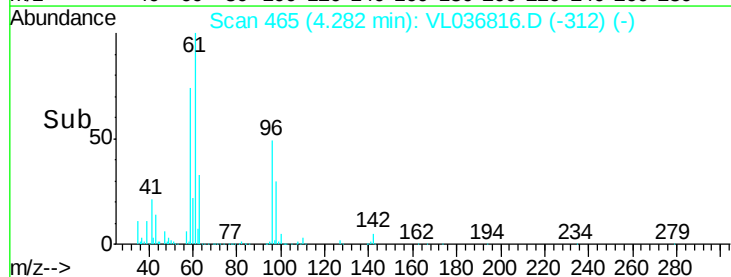
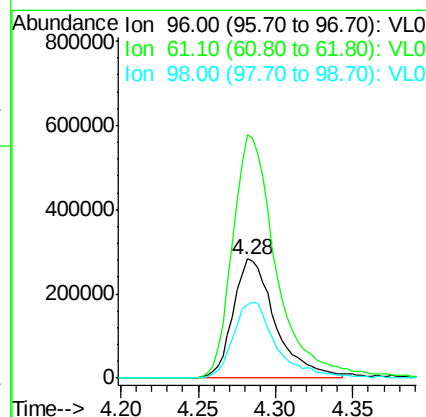
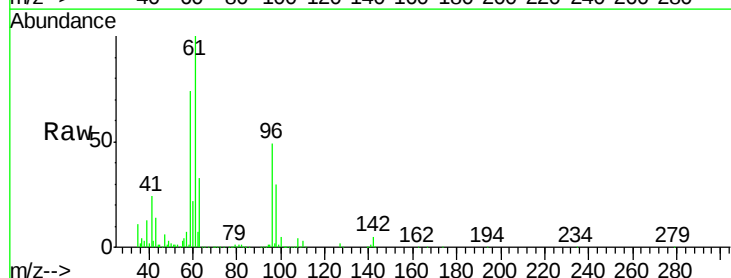
Tgt Ion: 96 Resp: 535871

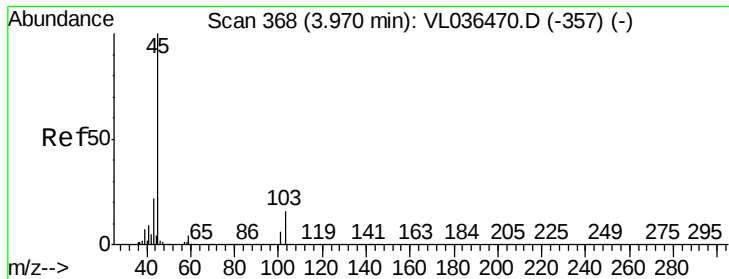
Ion Ratio Lower Upper

96 100

61 204.3 168.6 253.0

98 61.9 50.8 76.2





#19

Isopropyl Alcohol

Concen: 9.181 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

45 100

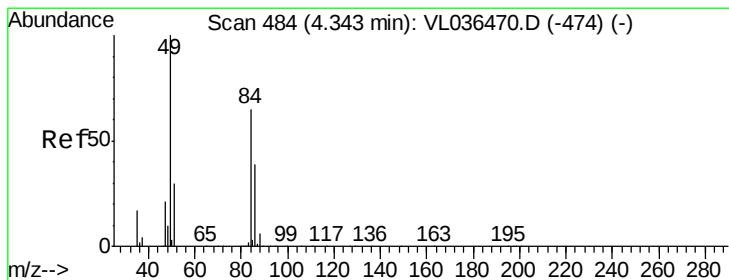
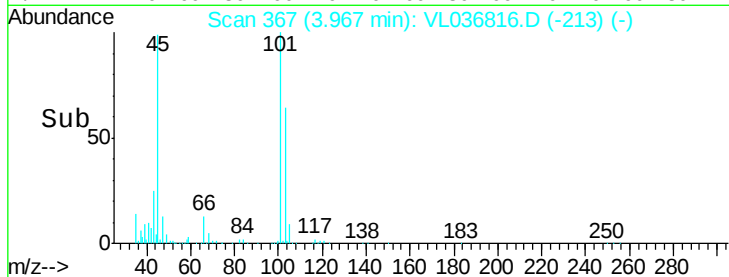
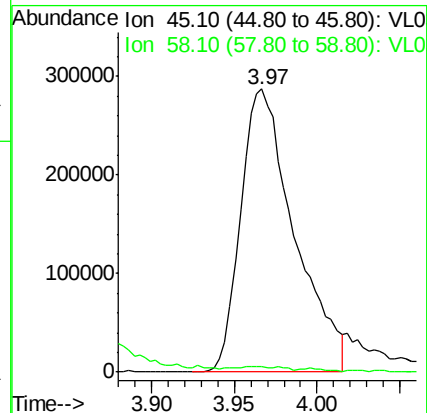
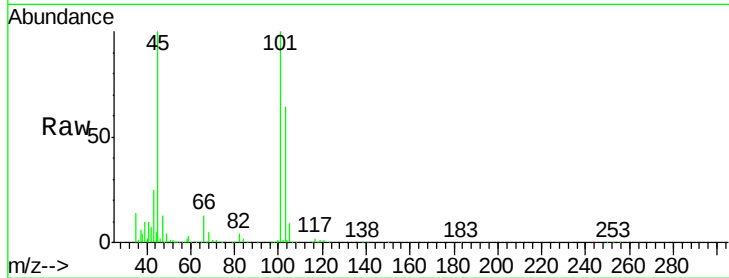
58 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#20

Methylene Chloride

Concen: 7.682 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion: 84 Resp: 457756

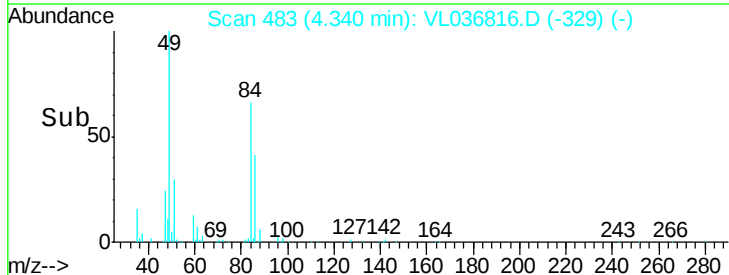
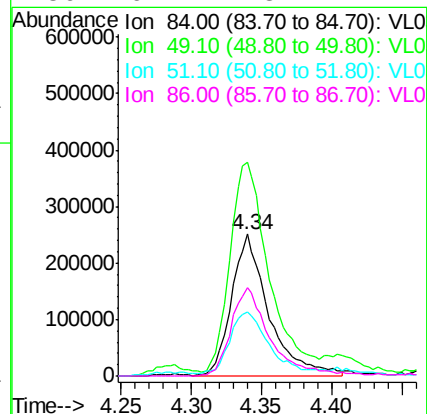
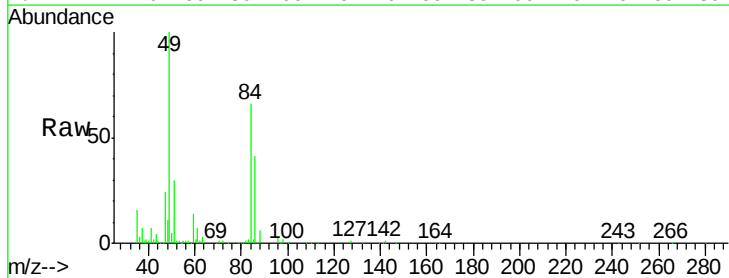
Ion Ratio Lower Upper

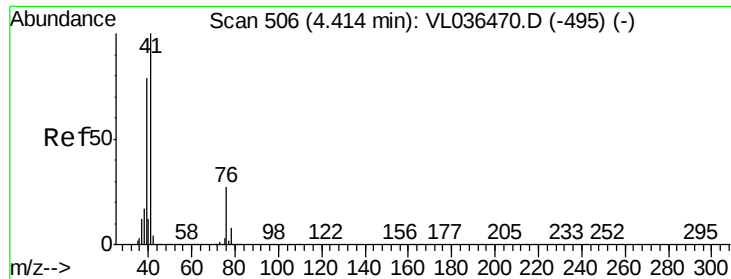
84 100

49 147.1 122.9 184.3

51 44.0 36.9 55.3

86 62.1 48.2 72.4



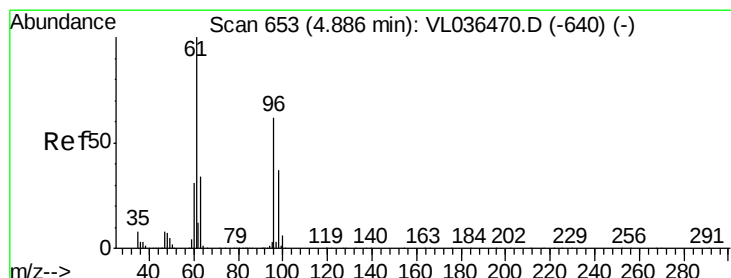
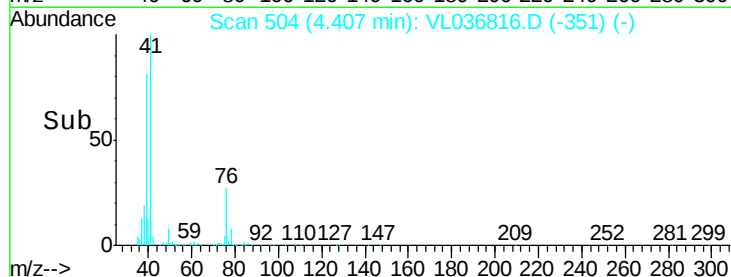
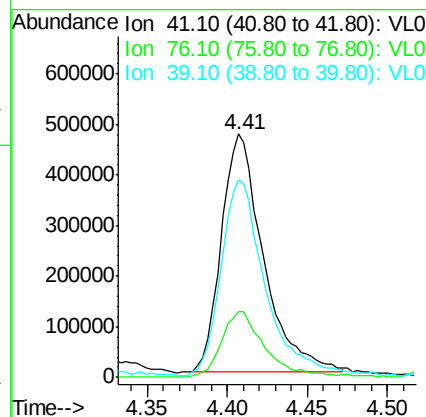
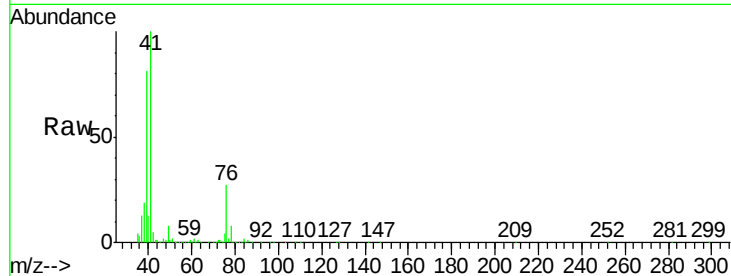


#21
 Allvl Chloride
 Concen: 8.321 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 87.

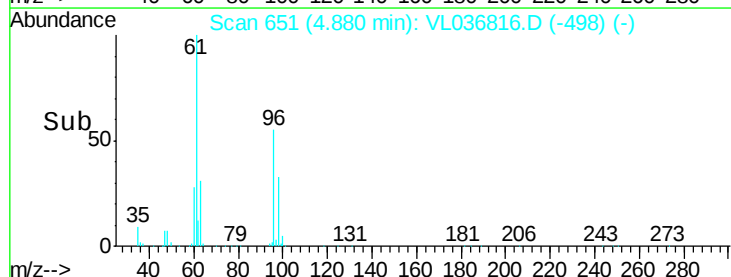
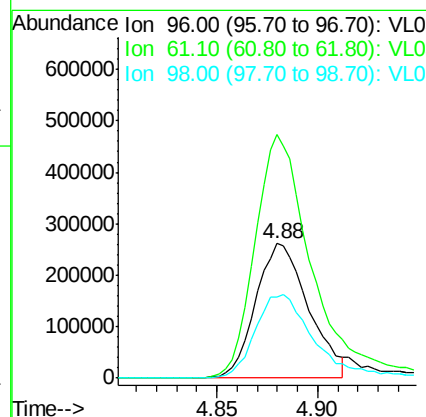
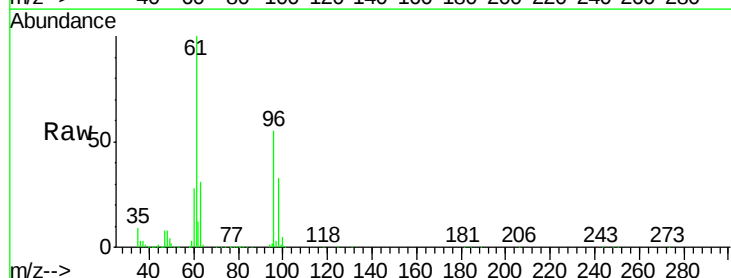
Manual Integrations
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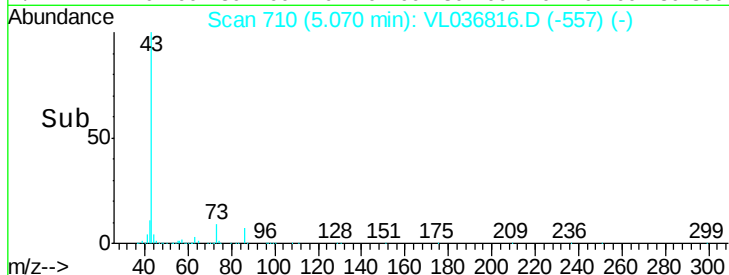
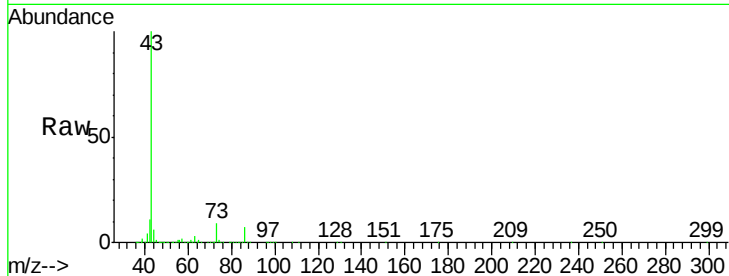
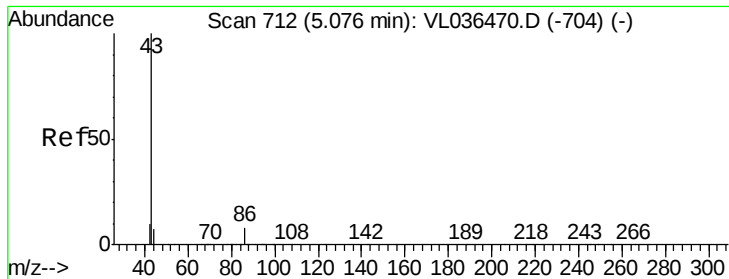
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#22
 trans-1,2-Dichloroethene
 Concen: 8.417 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 96 Resp: 477012
 Ion Ratio Lower Upper
 96 100
 61 181.2 129.4 194.0
 98 60.1 48.2 72.4





#23

Vinyl Acetate

Concen: 8.875 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38

Tot Ion:

Ion Ratio

43 100

86 7.

42 10.

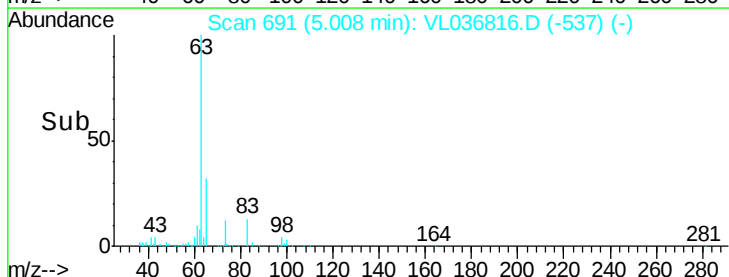
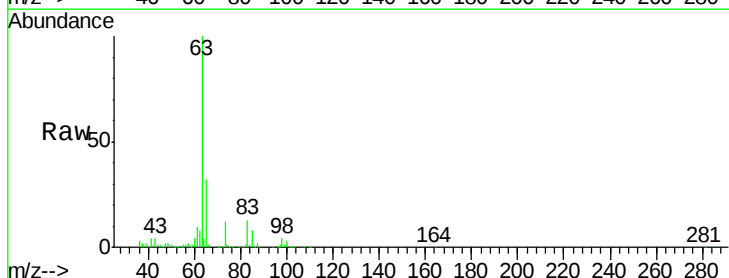
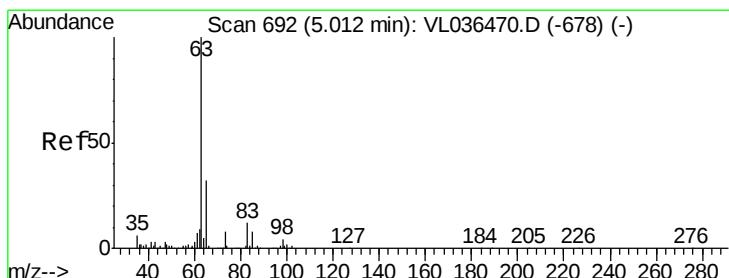
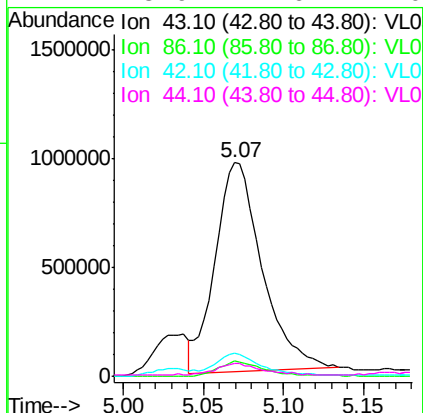
44 5.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#24

1,1-Dichloroethane

Concen: 8.728 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

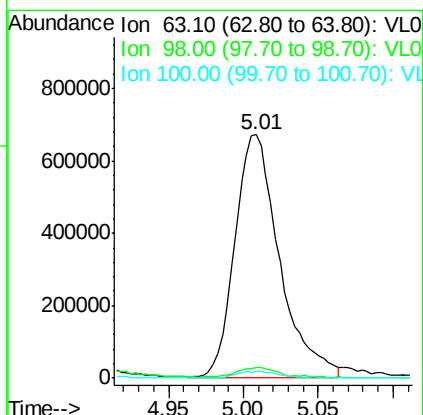
Tgt Ion: 63 Resp: 1385024

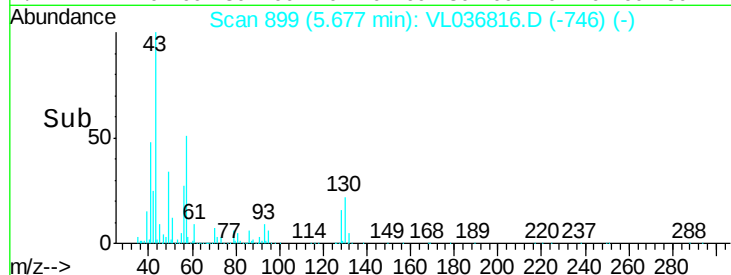
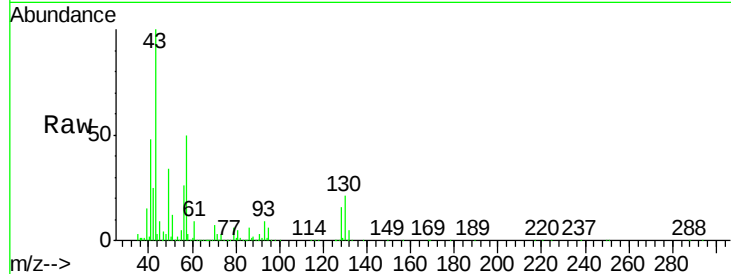
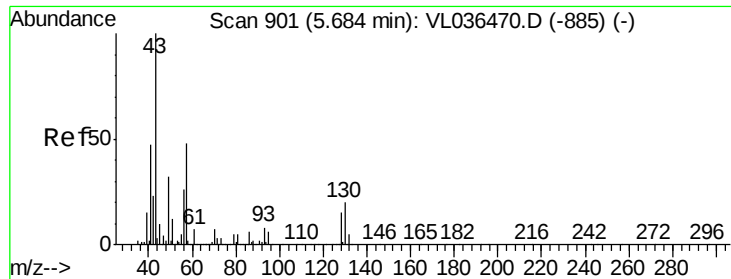
Ion Ratio Lower Upper

63 100

98 4.0 2.1 6.2

100 2.7 0.9 2.8



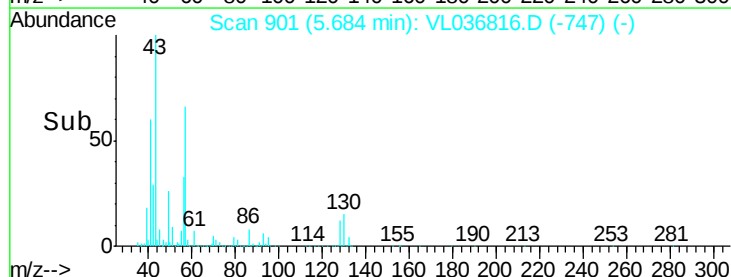
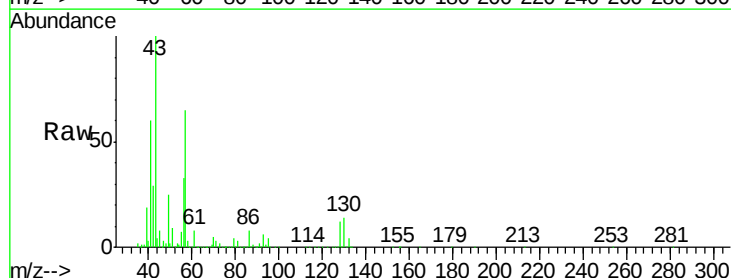
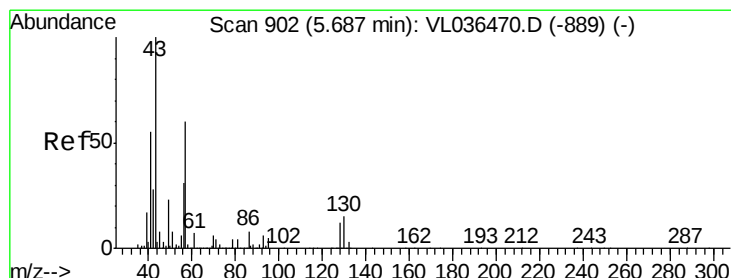
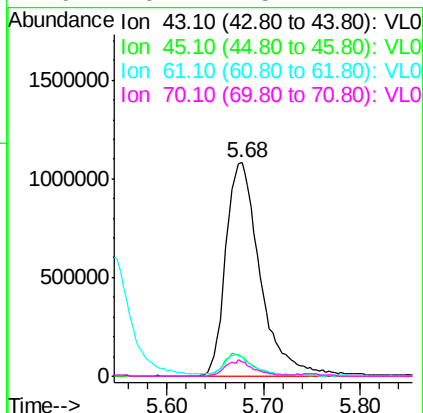


#25
Ethyl Acetate
Concen: 8.800 ppbv
RT: 5.68 min
Instrument: MSVOA_L
Delta R.T.: -0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 14 Apr 2021 00:38

Tot Ion: 43 100
Ion Ratio: 45 9.0, 61 8.0, 70 6.2, 5.1, 7.7

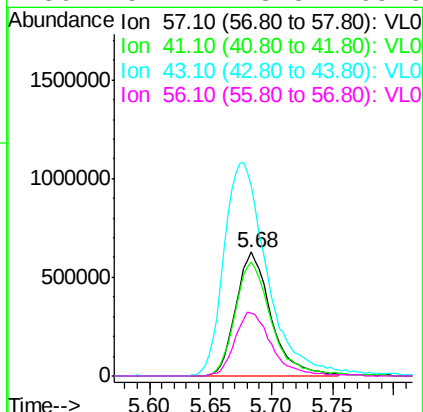
Manual Integrations
APPROVED

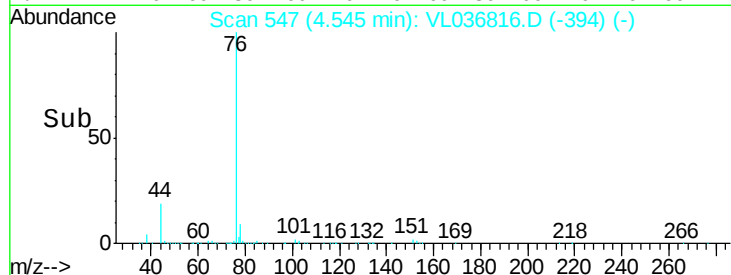
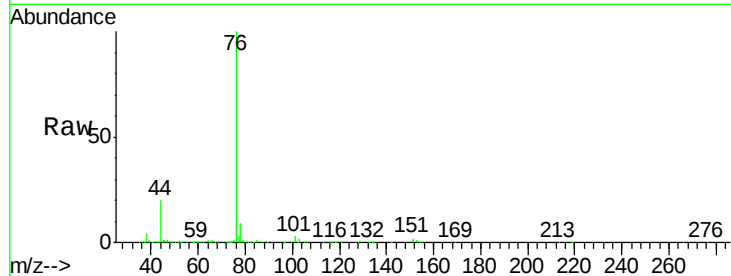
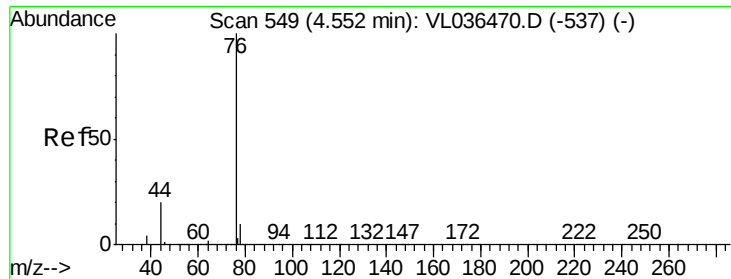
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#26
Hexane
Concen: 8.938 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: -0.00 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 57 Resp: 1255138
Ion Ratio Lower Upper
57 100
41 96.7 77.2 115.8
43 214.3 173.8 260.6
56 54.7 43.8 65.6



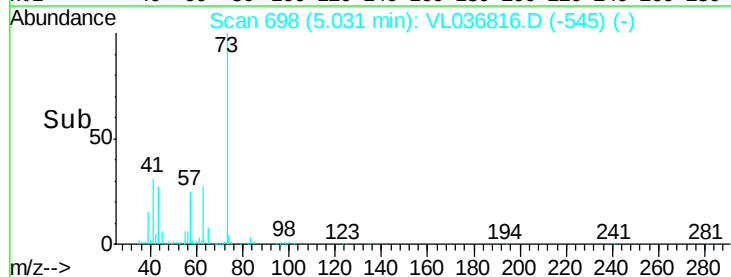
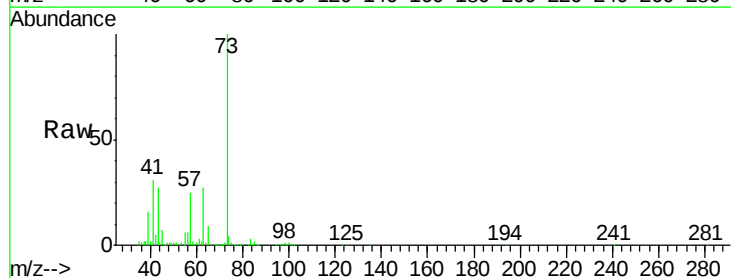
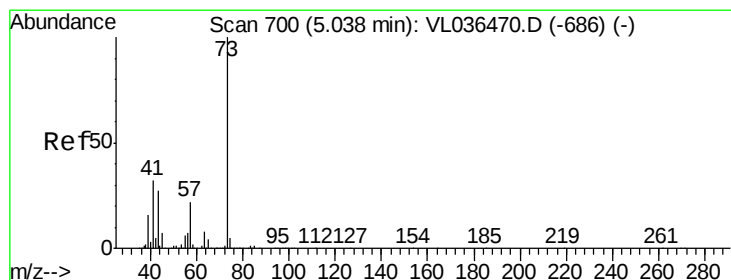
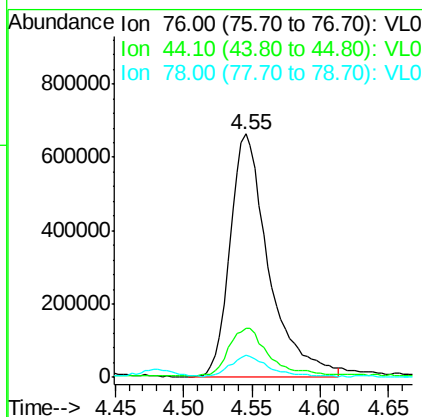


#27
Carbon Disulfide
Concen: 9.424 ppbv
RT: 4.55
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

Tot Ion:
Ion Ratio
76 100
44 21.
78 9.

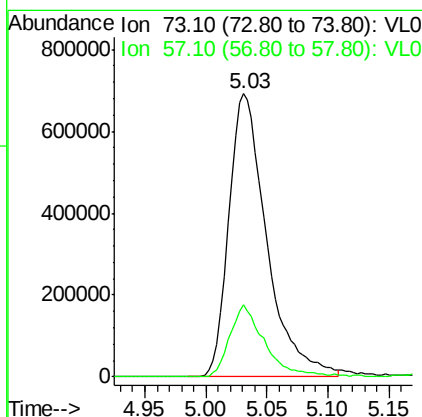
Manual Integrations
APPROVED

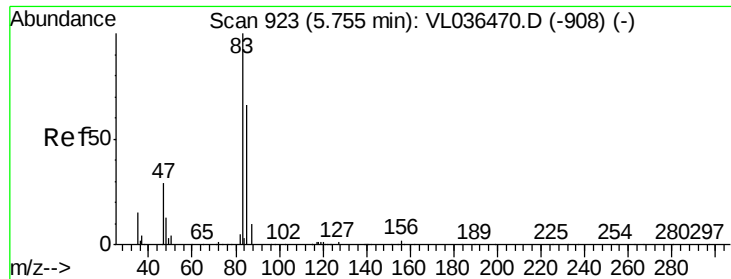
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#28
Methyl tert-Butyl Ether
Concen: 9.046 ppbv
RT: 5.03 min Scan# 698
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 73 Resp: 1498055
Ion Ratio Lower Upper
73 100
57 23.8 18.5 27.7



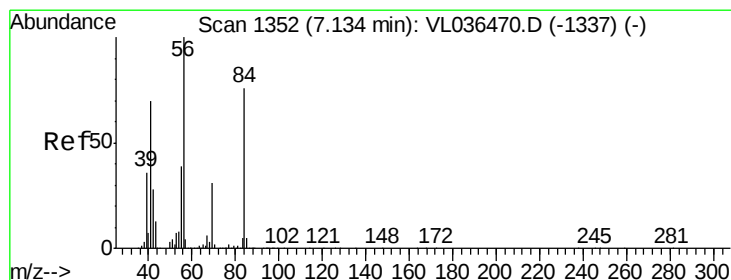
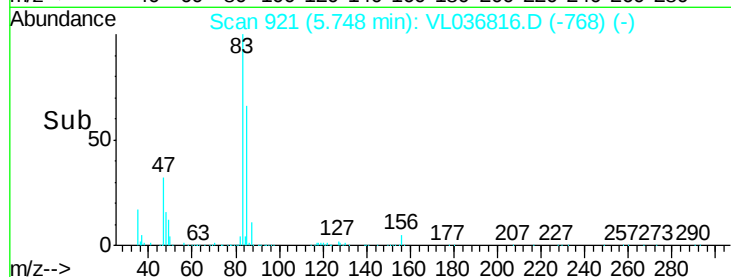
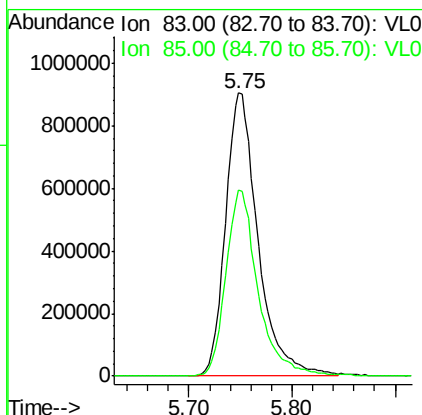
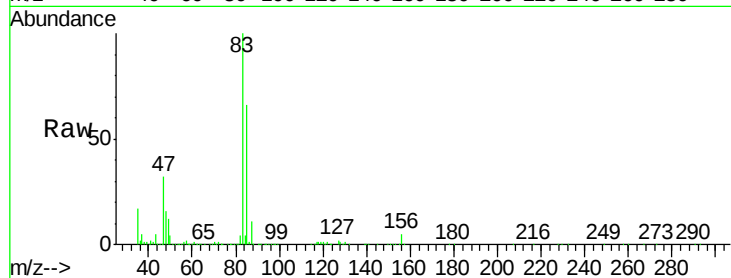


#29
Chloroform
Concen: 8.838 ppbv
RT: 5.75 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38
VSTDCCC010EC

Tot Ion:
Ion Ratio
83 100
85 65.

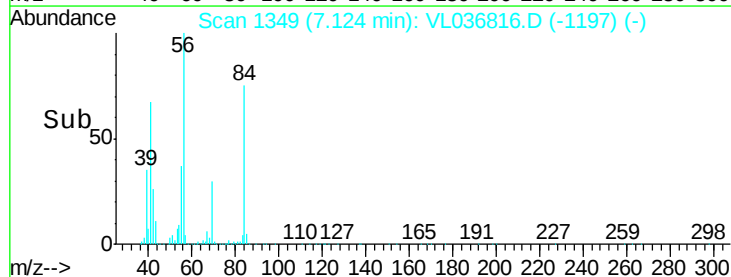
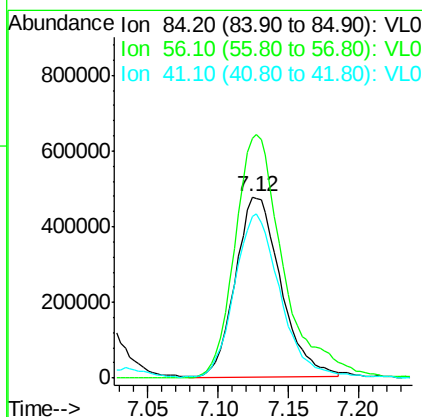
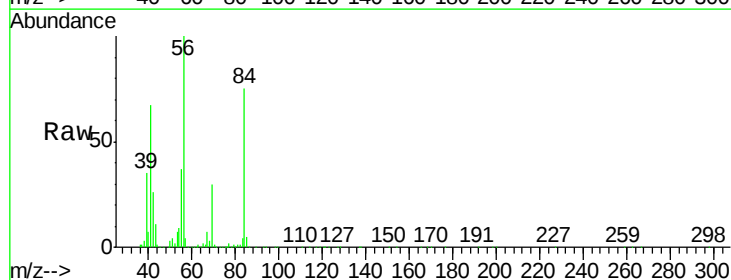
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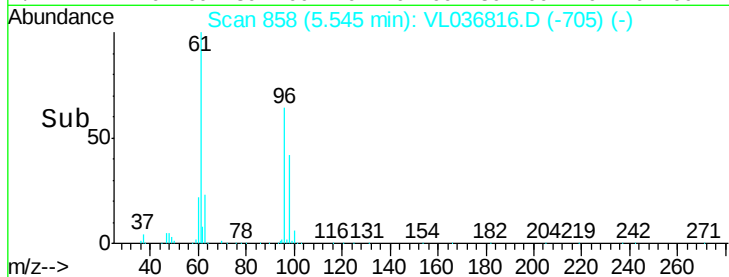
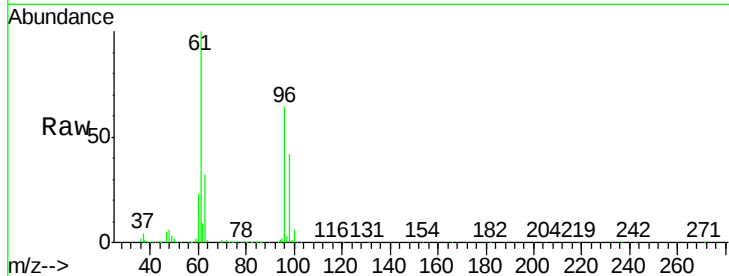
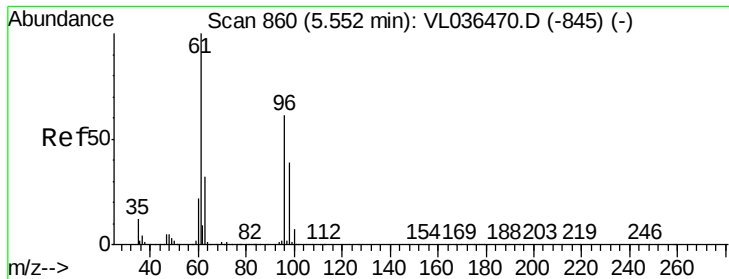
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#30
Cyclohexane
Concen: 9.436 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 84 Resp: 1074641
Ion Ratio Lower Upper
84 100
56 145.1 114.6 171.8
41 93.0 75.3 112.9





#31

cis-1,2-Dichloroethene

Concen: 9.131 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 64.

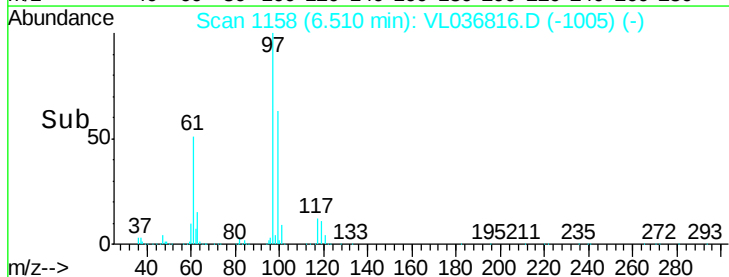
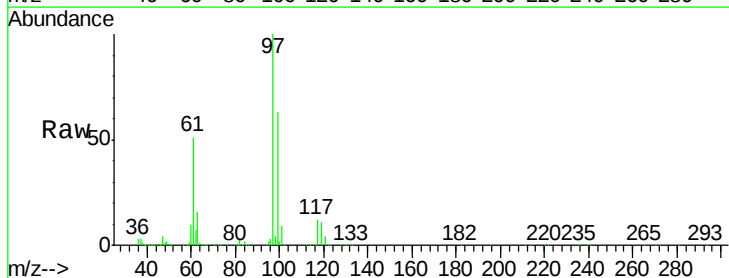
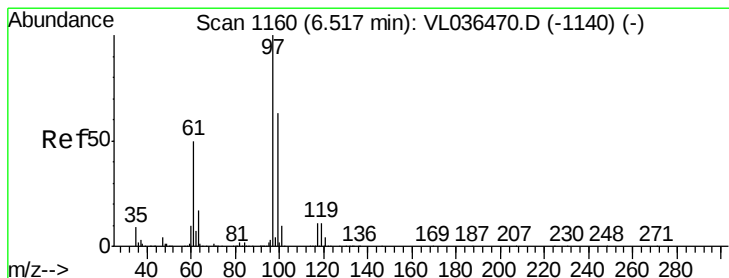
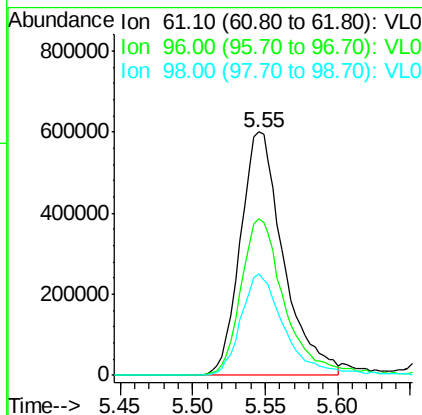
98 41.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#32

1,1,1-Trichloroethane

Concen: 8.911 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

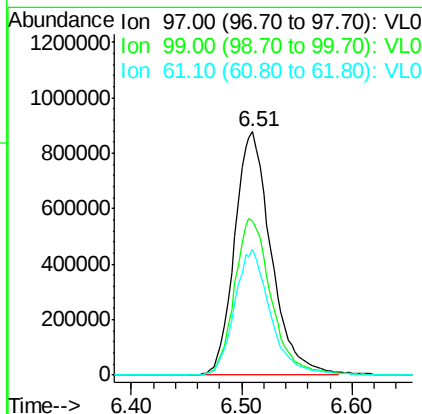
Tgt Ion: 97 Resp: 2016852

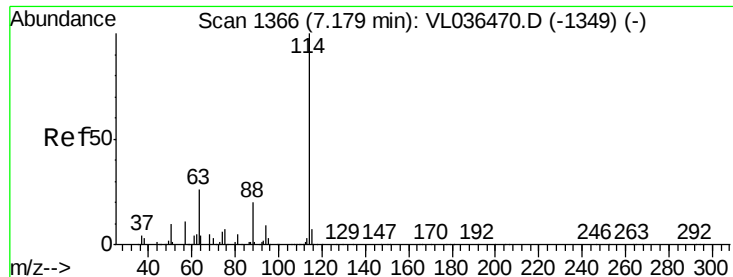
Ion Ratio Lower Upper

97 100

99 64.9 51.4 77.0

61 51.0 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Instrument: MSVOA_L

Delta R.T.:

ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 14 Apr 2021 00:38

Tot Ion: 1

Ion Ratio

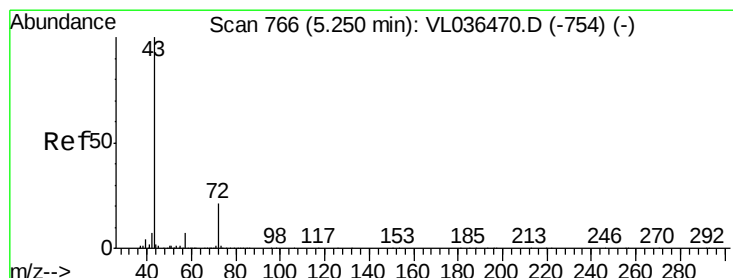
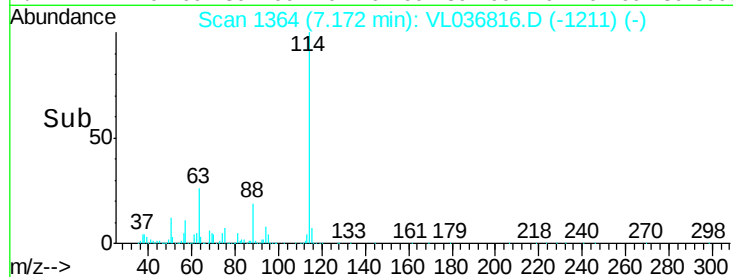
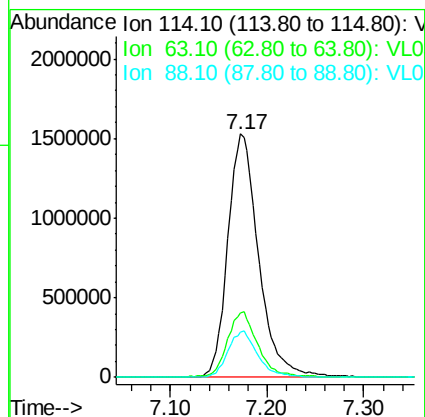
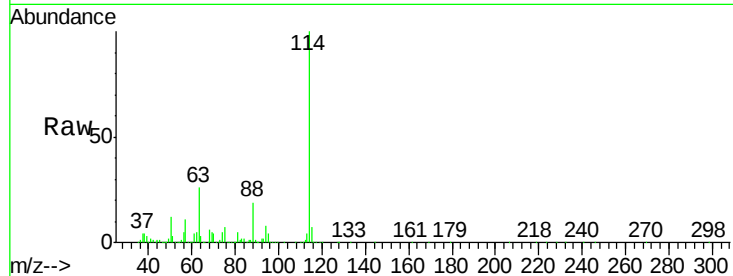
114	100
63	26
88	18

Manual Integrations

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Reviewed By: Semsettin Yesilyurt 04/14/2021

Supervised By: Mahesh Dadoda 04/14/2021



#34

2-Butanone

Concen: 7.807 ppbv

RT: 5.25 min Scan# 765

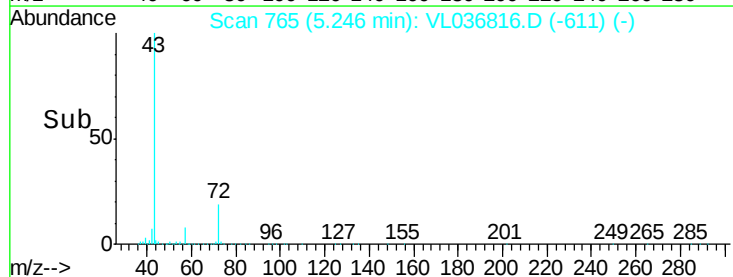
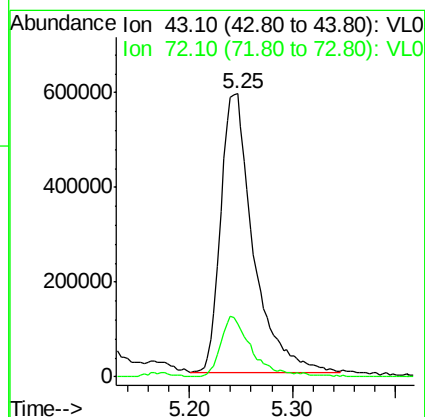
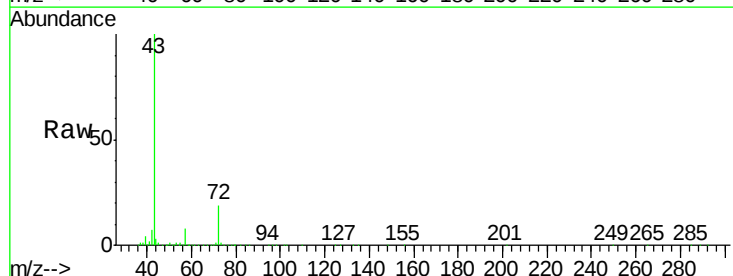
Delta R.T. -0.00 min

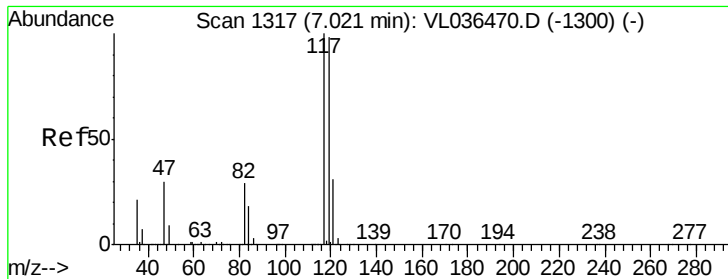
Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion: 43 Resp: 1290358

Ion	Ratio	Lower	Upper
43	100		
72	21.0	17.0	25.6



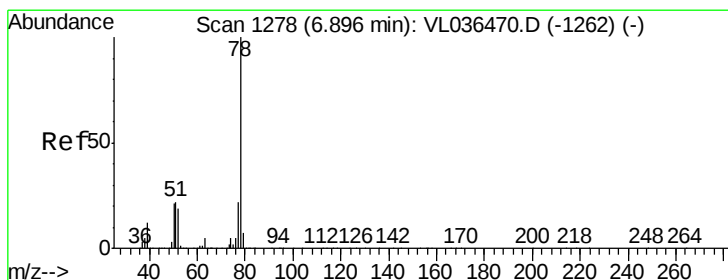
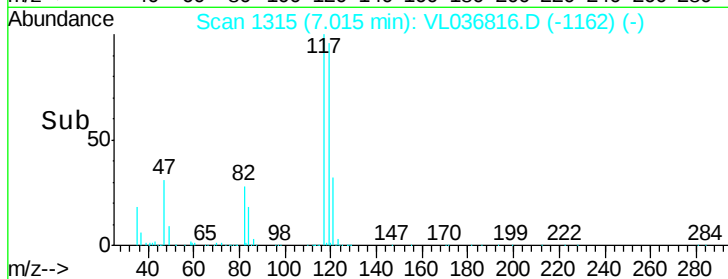
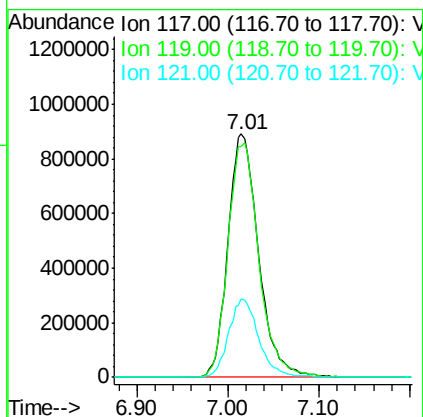
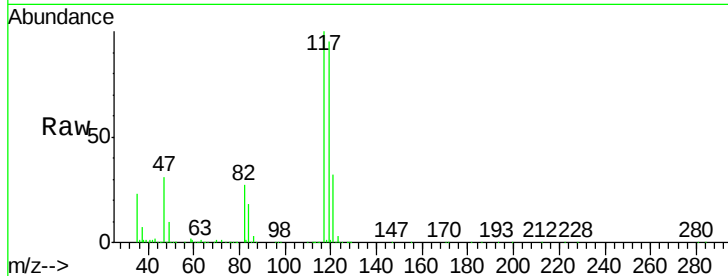


#35
Carbon Tetrachloride
Concen: 8.015 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 14 Apr 2021 00:38

Tot Ion:1
Ion Rati
117 100
119 94.
121 32.

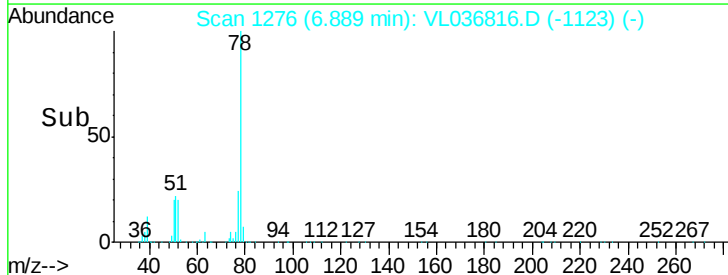
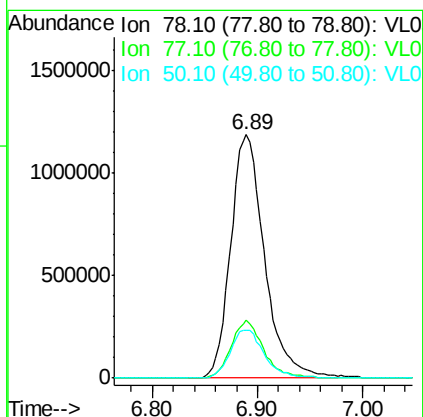
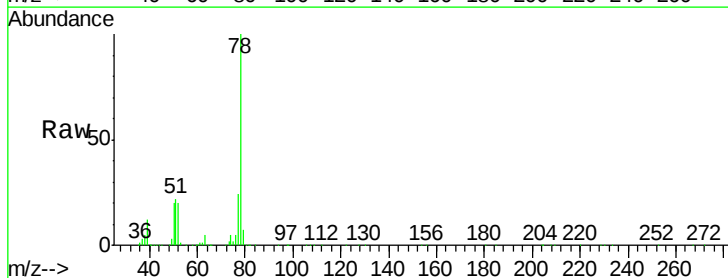
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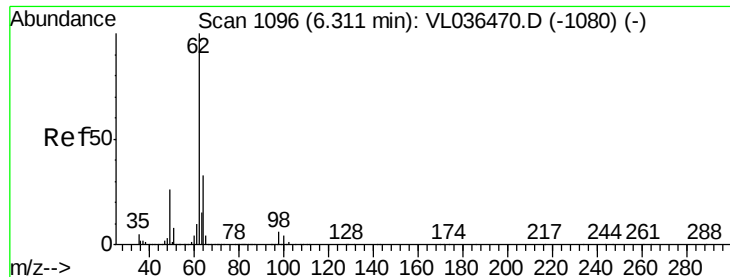
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#36
Benzene
Concen: 8.453 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 78 Resp: 2639700
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0
50 19.6 16.5 24.7



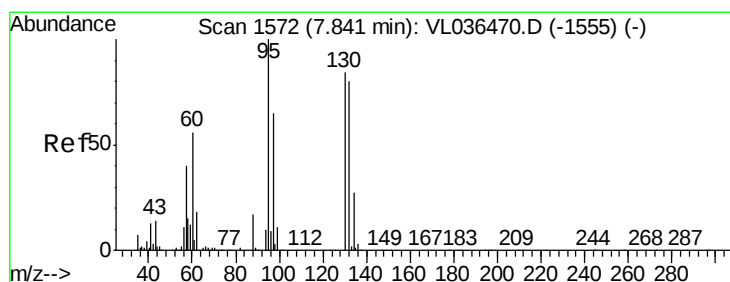
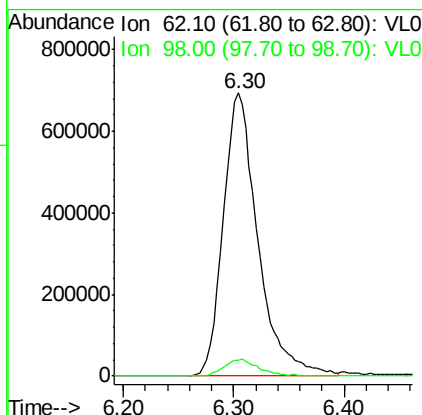
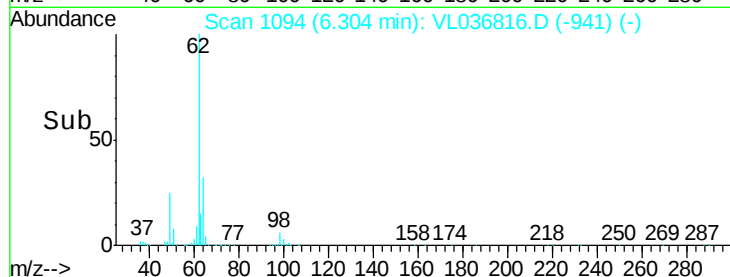
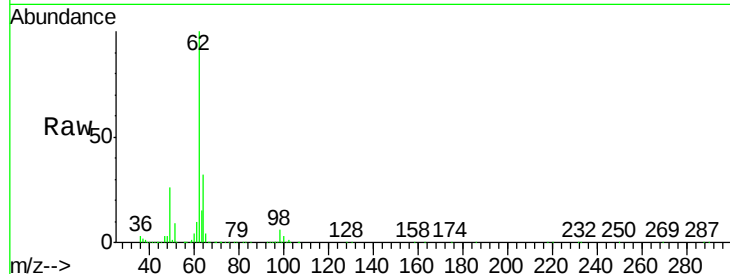


#37
 1,2-Dichloroethane
 Concen: 8.223 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:
 Ion Ratio
 62 100
 98 5.

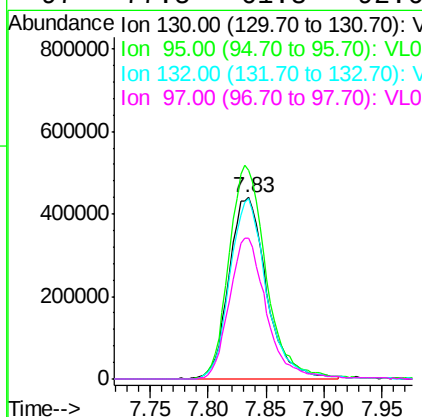
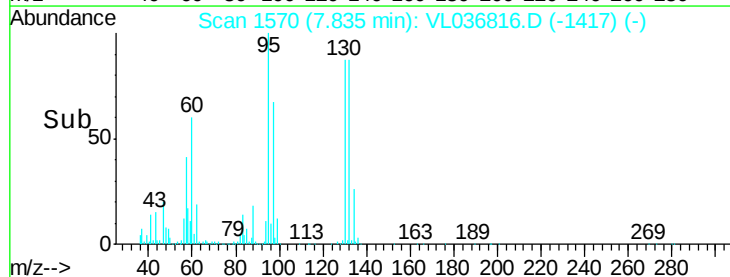
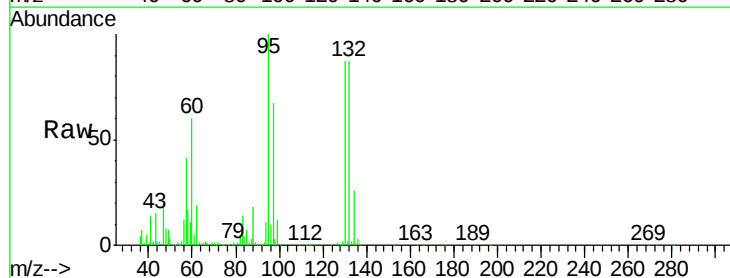
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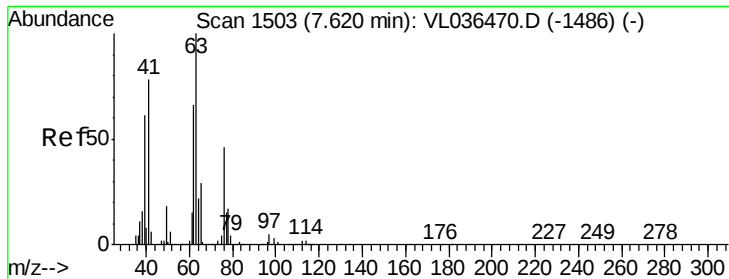
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#38
 Trichloroethene
 Concen: 8.134 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:130 Resp: 988539
 Ion Ratio Lower Upper
 130 100
 95 114.9 95.7 143.5
 132 99.5 76.2 114.4
 97 77.5 61.8 92.6



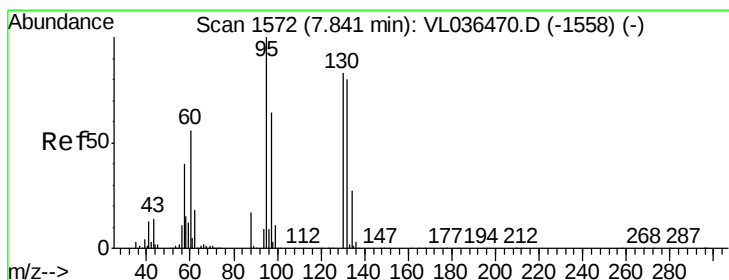
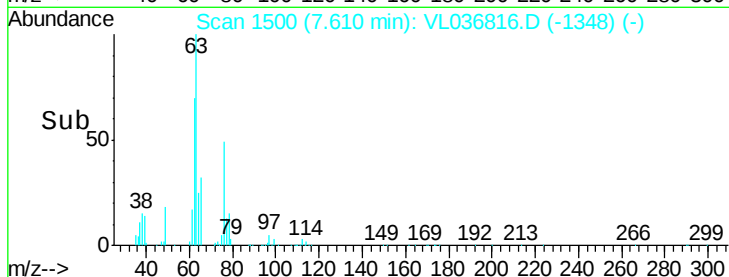
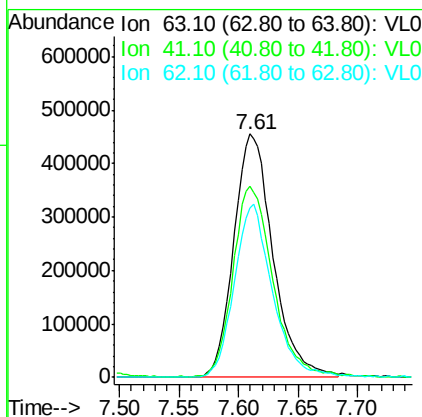
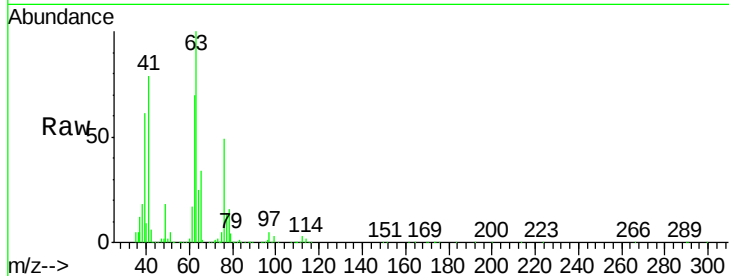


#39
 1,2-Dichloropropane
 Concen: 8.185 ppbv
 RT: 7.61
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 14 Apr 2021 00:38

Tot Ion:
 Ion Ratio
 63 100
 41 78.
 62 69.

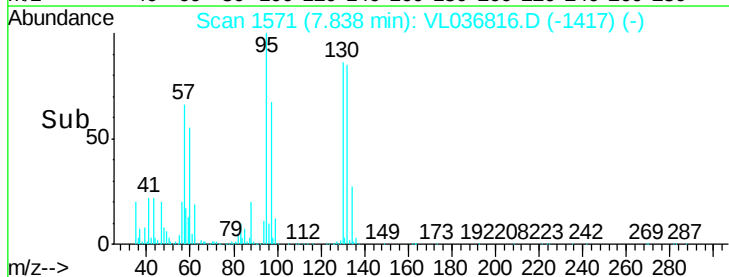
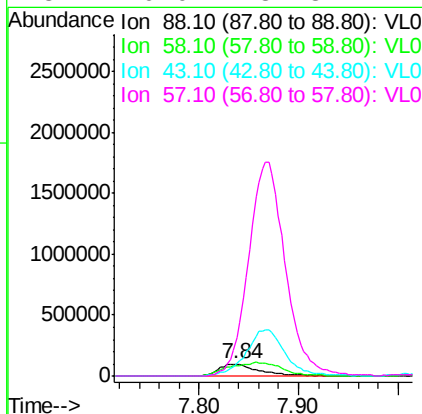
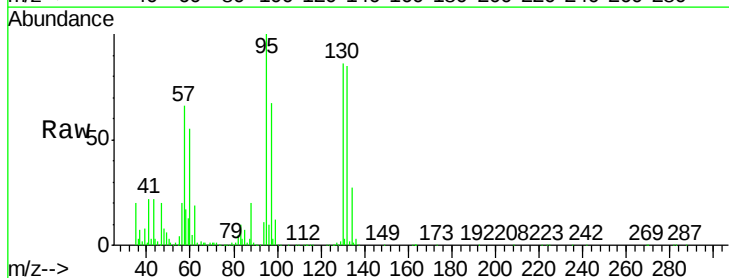
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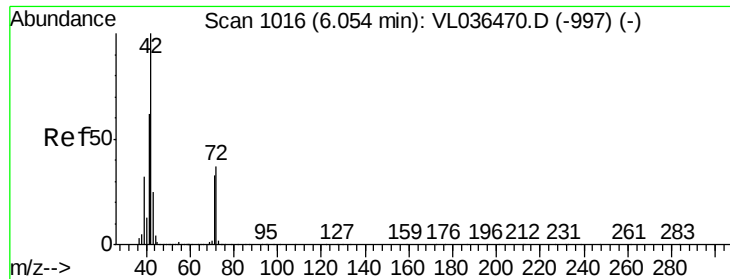
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#40
 1,4-Dioxane
 Concen: 9.379 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 88 Resp: 276537
 Ion Ratio Lower Upper
 88 100
 58 0.0 134.1 201.1#
 43 0.0 346.6 520.0#
 57 0.0 1481.8 2222.8#



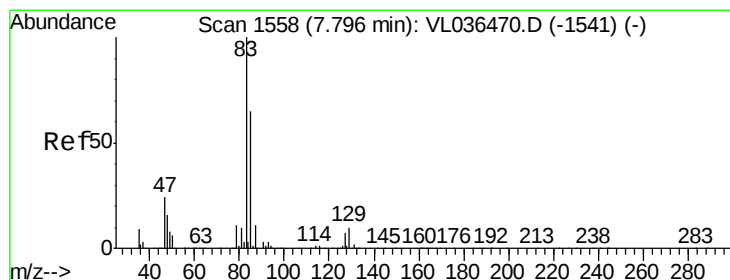
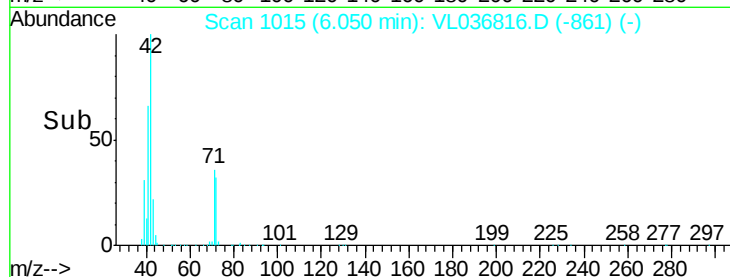
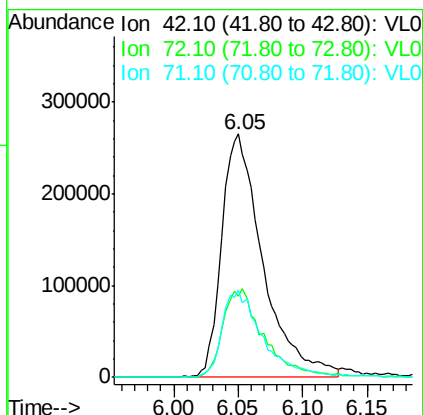
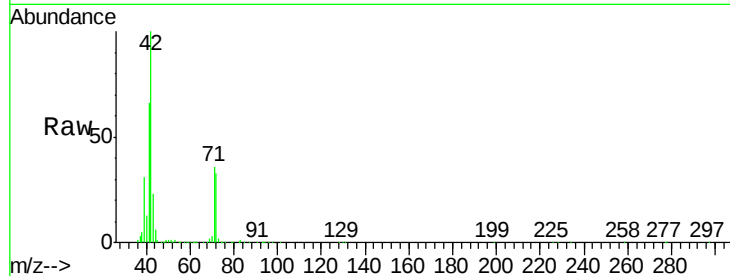


#41
Tetrahydrofuran
Concen: 7.675 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 14 Apr 2021 00:38

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

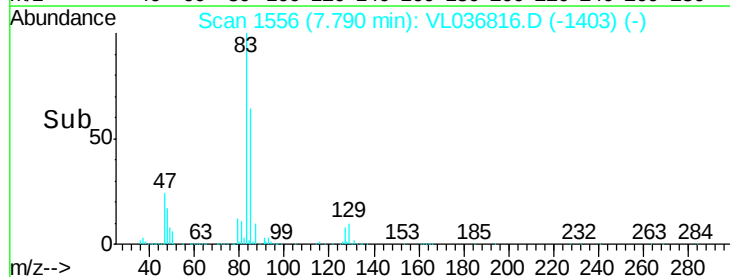
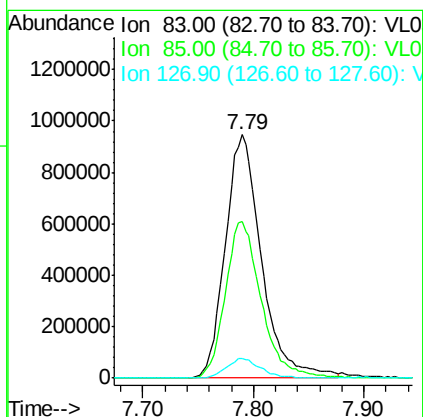
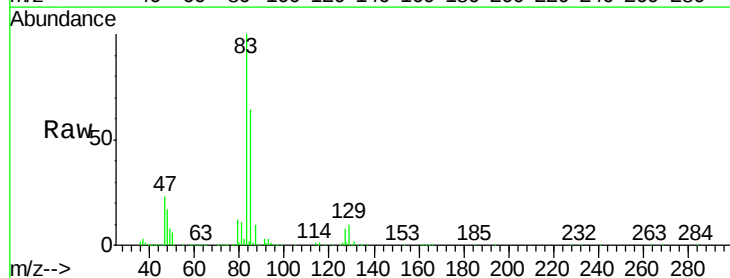
Manual Integrations
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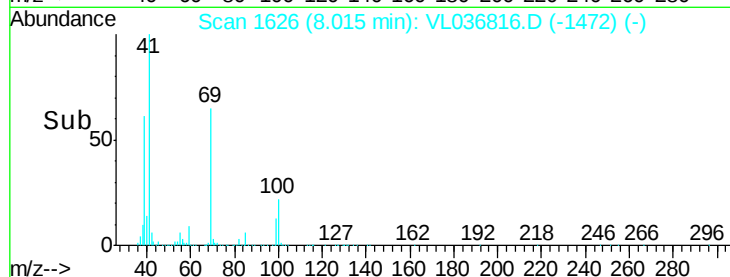
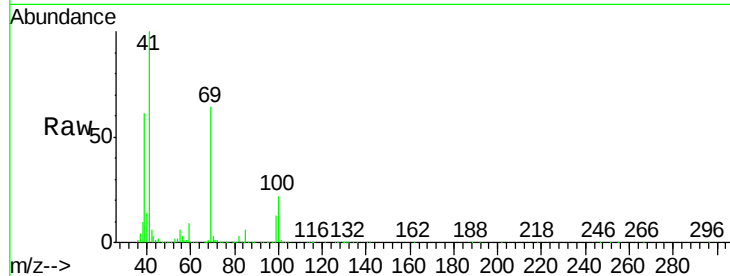
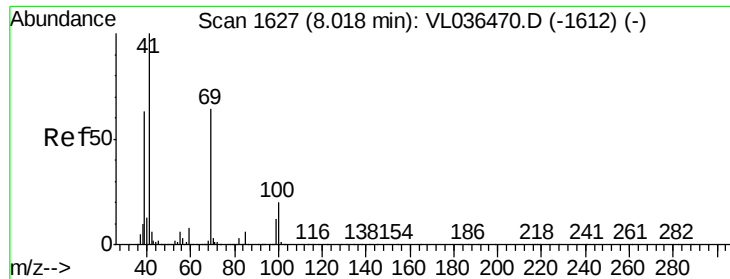
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#42
Bromodichloromethane
Concen: 8.584 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 83 Resp: 2146018
Ion Ratio Lower Upper
83 100
85 64.1 51.8 77.6
127 8.0 5.8 8.8





#43

Methyl Methacrylate

Concen: 9.383 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 14 Apr 2021 00:38

Tot Ion:

Ion Ratio

69 100

41 160.

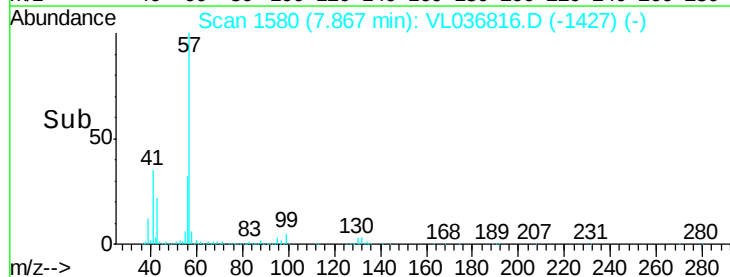
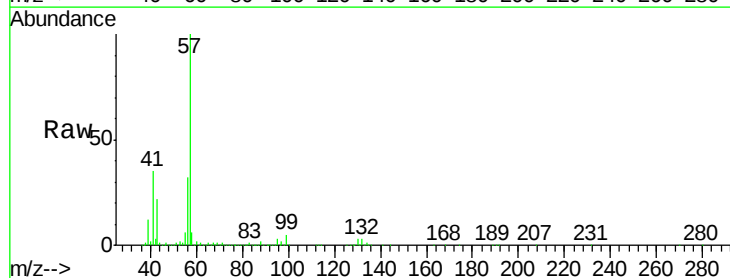
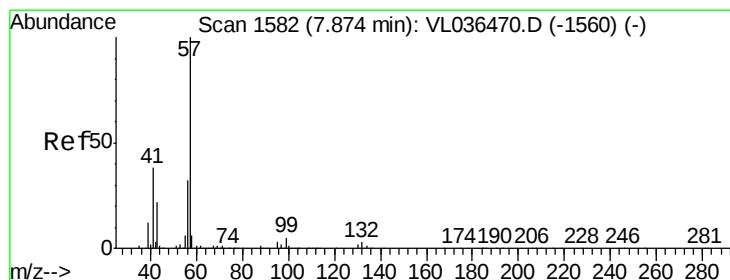
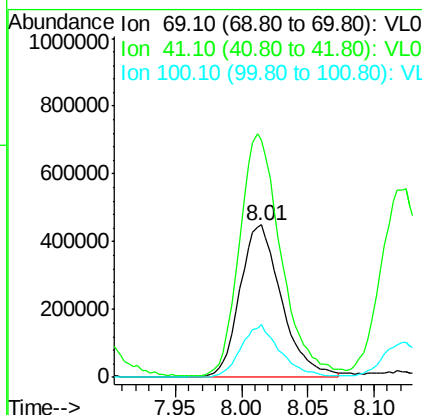
100 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#44

2,2,4-Trimethylpentane

Concen: 8.212 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

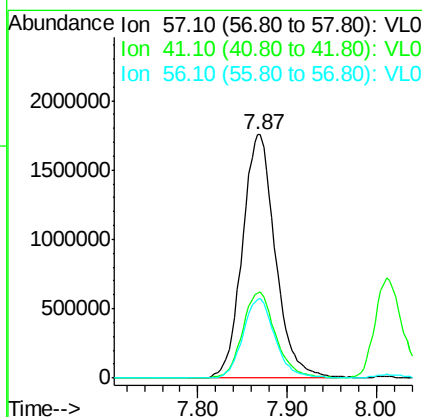
Tgt Ion: 57 Resp: 4513732

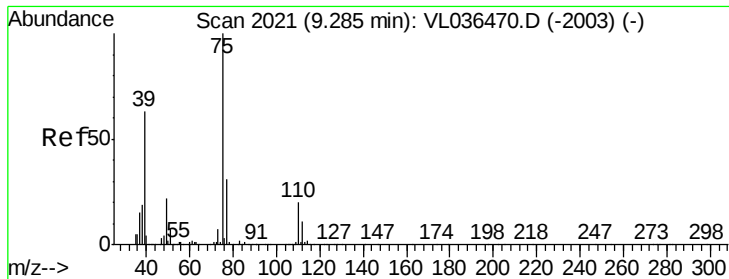
Ion Ratio Lower Upper

57 100

41 35.6 28.8 43.2

56 31.9 26.1 39.1



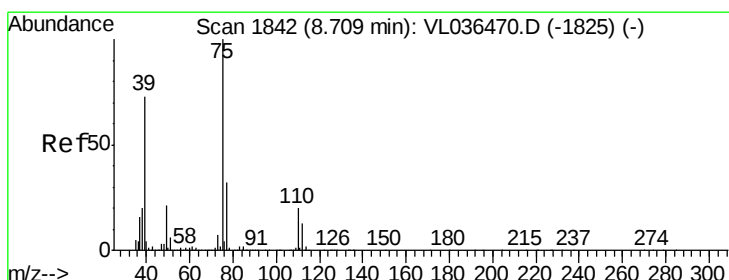
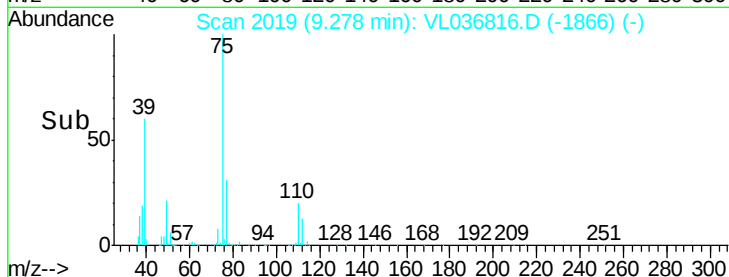
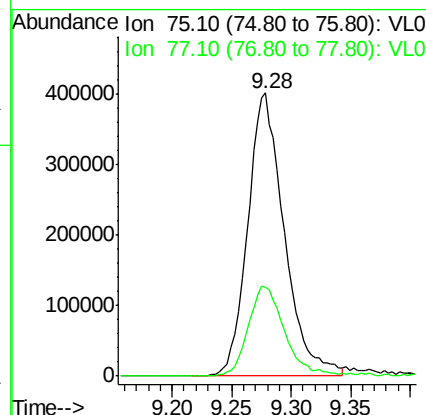
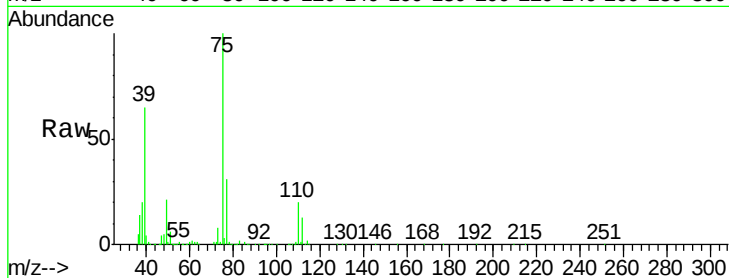


#45
t-1,3-Dichloropropene
Concen: 7.097 ppbv
RT: 9.28
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38
VSTDCCC010EC

Tot Ion:
Ion Ratio
75 100
77 31.

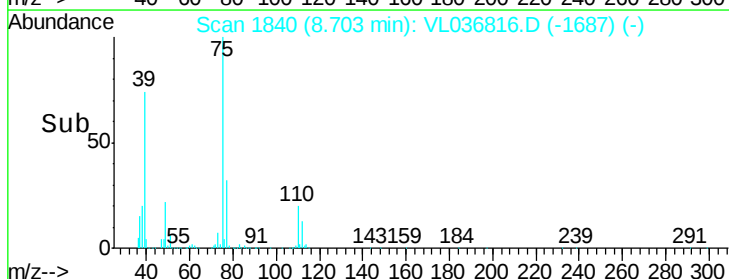
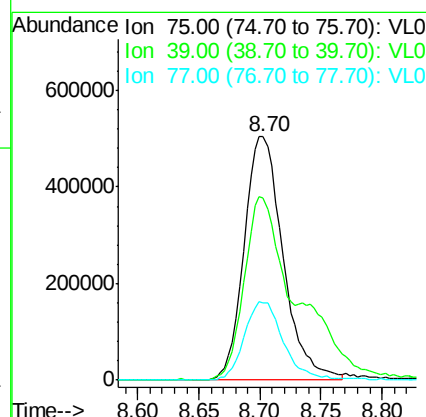
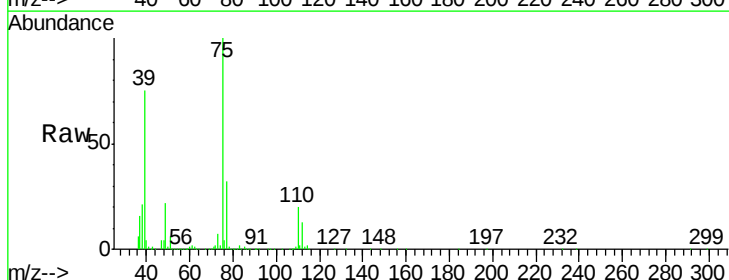
Manual Integrations
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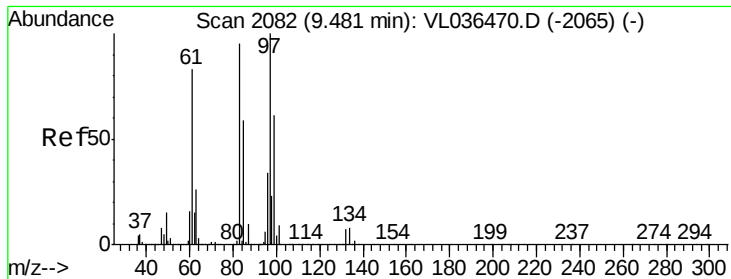
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#46
cis-1,3-Dichloropropene
Concen: 7.246 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 75 Resp: 1109131
Ion Ratio Lower Upper
75 100
39 74.6 58.2 87.2
77 31.8 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 8.241 ppbv

RT: 9.48 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 14 Apr 2021 00:38

Tot Ion: 97.00 (96.70 to 97.70): VL0

Ion Ratio: 97 100

83 86.1

85 57.1

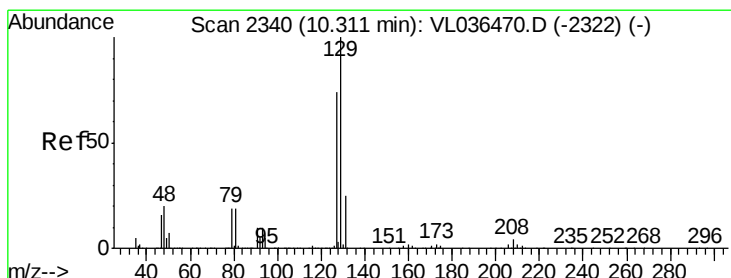
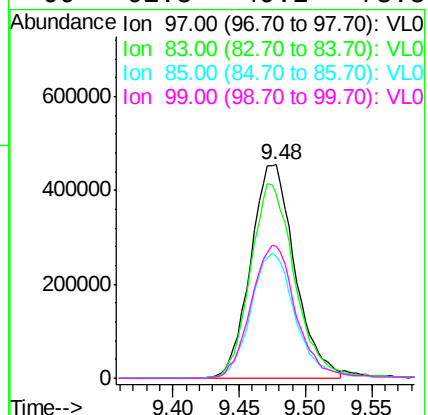
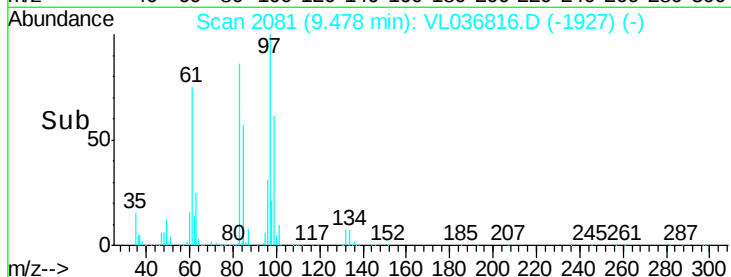
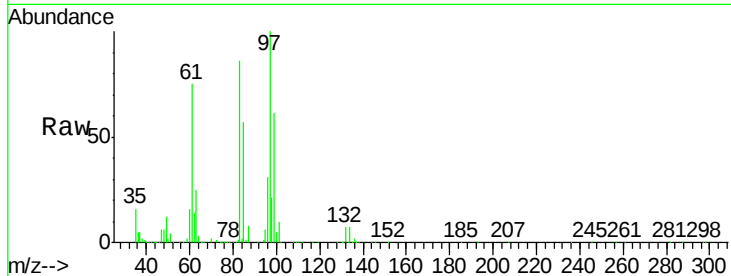
99 61.5 49.2 73.8

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#48

Dibromochloromethane

Concen: 9.222 ppbv

RT: 10.30 min Scan# 2338

Delta R.T. -0.01 min

Lab File: VL036816.D

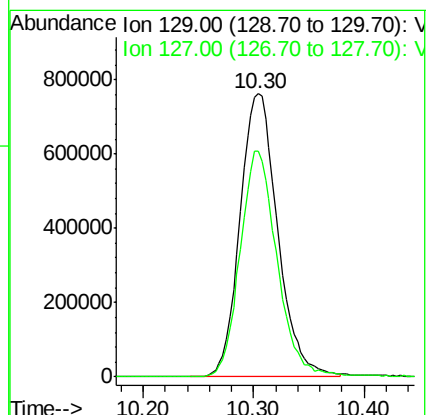
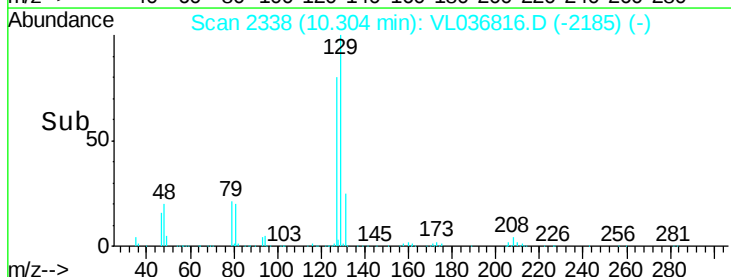
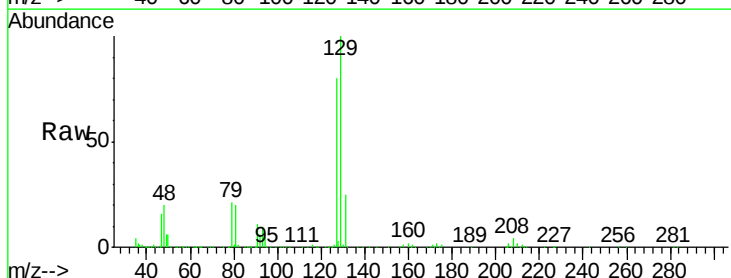
Acq: 14 Apr 2021 00:38

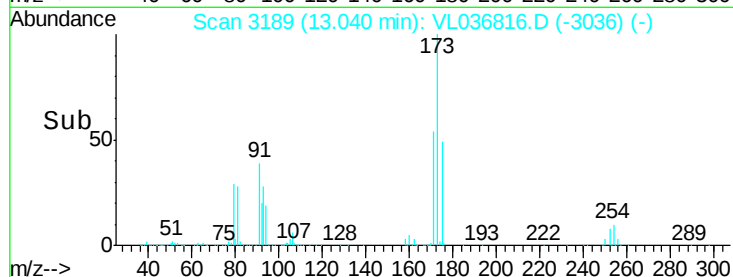
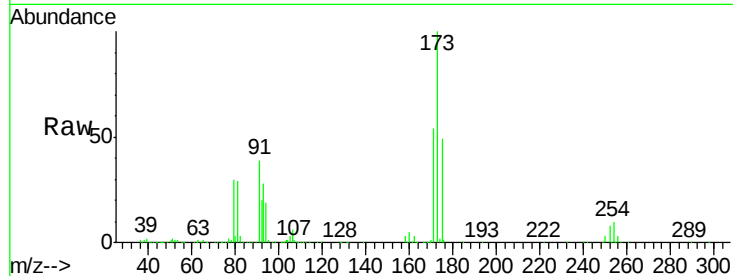
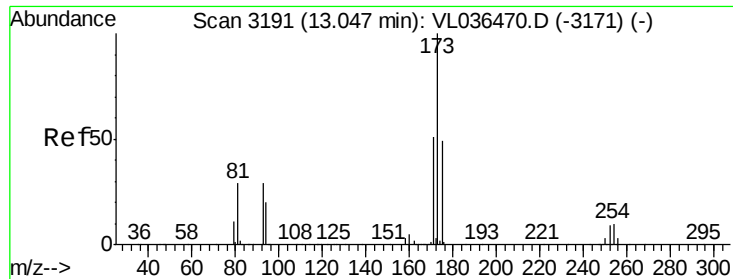
Tgt Ion:129 Resp: 1803820

Ion Ratio Lower Upper

129 100

127 78.7 39.6 118.8





#49

Bromoform

Concen: 9.427 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 14 Apr 2021 00:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021

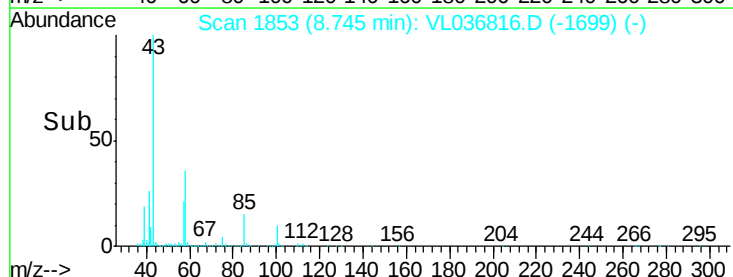
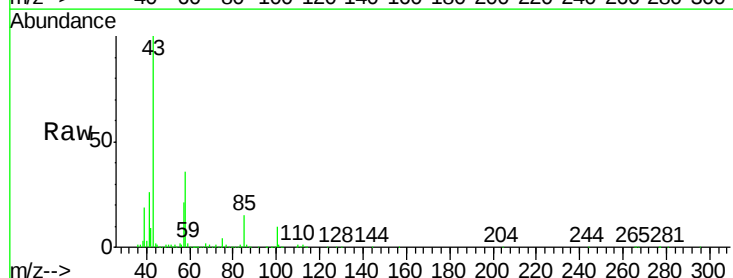
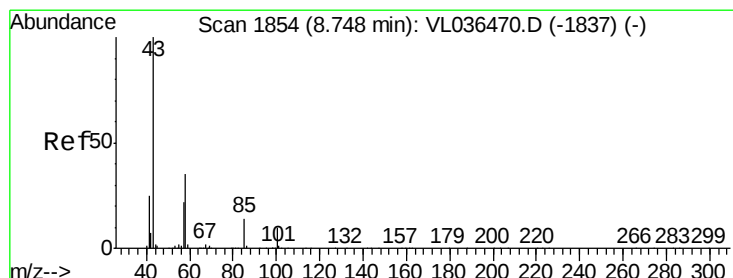
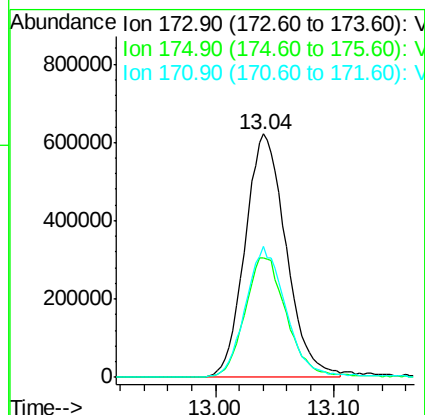
Tot Ion:1

Ion Rati

173 100

175 50.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 7.969 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VL036816.D

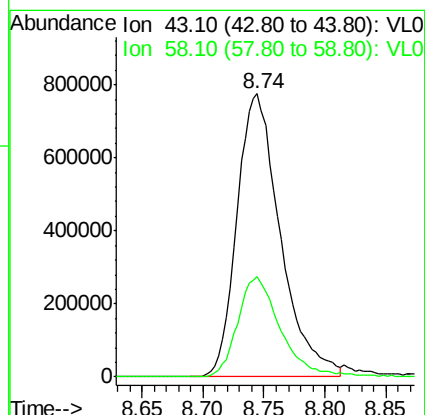
Acq: 14 Apr 2021 00:38

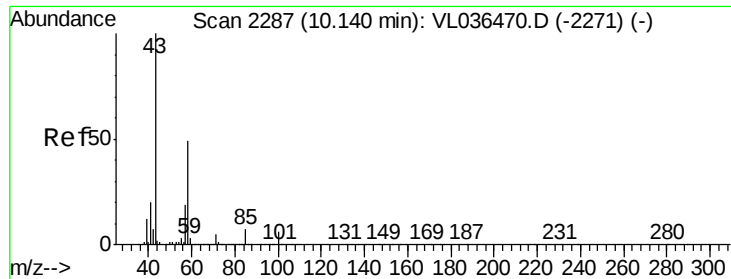
Tgt Ion: 43 Resp: 1905840

Ion Ratio Lower Upper

43 100

58 35.5 28.2 42.2



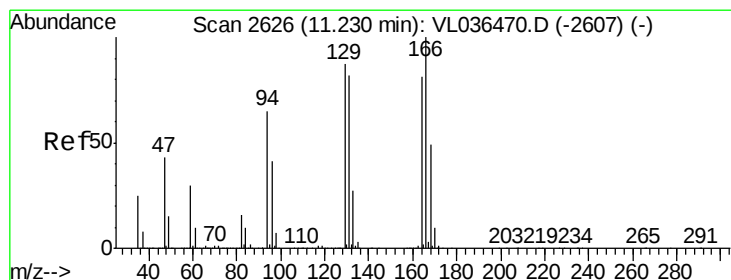
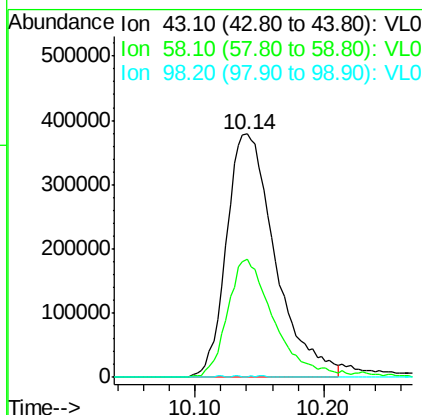
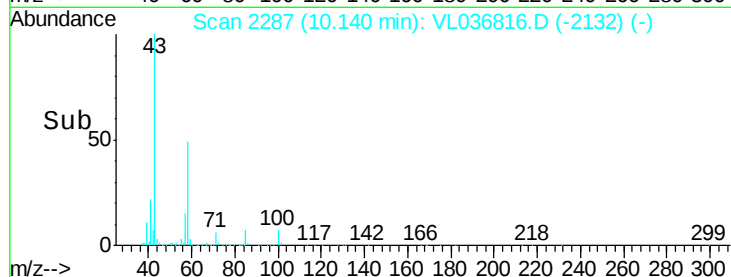
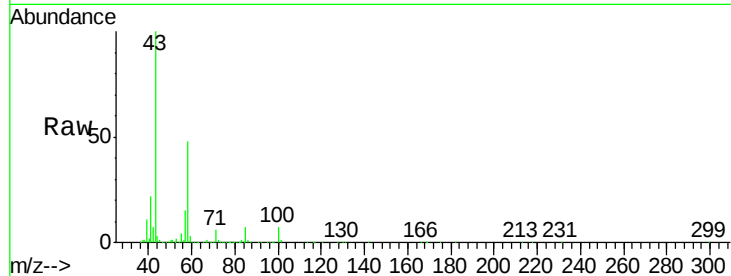


#51
2-Hexanone
Concen: 8.182 ppbv
RT: 10.14 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38

Tot Ion:
Ion Ratio
43 100
58 47.
98 0.

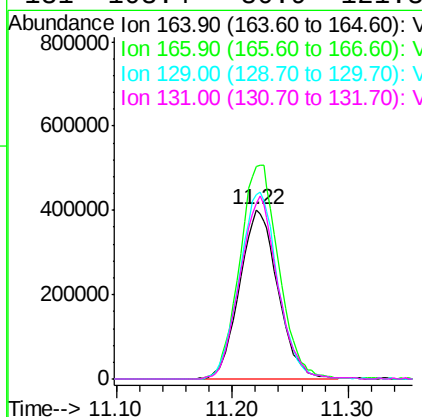
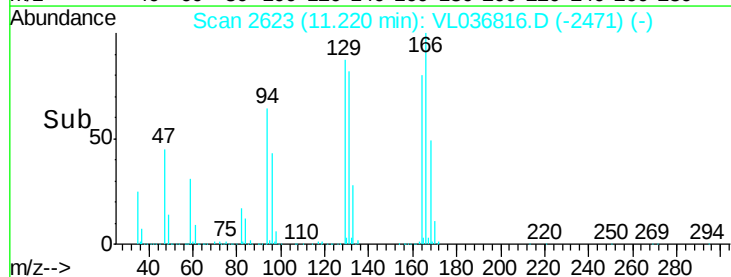
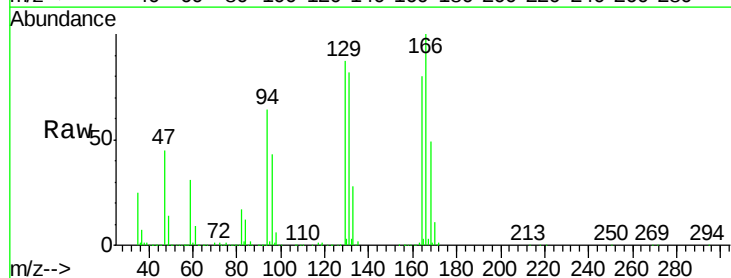
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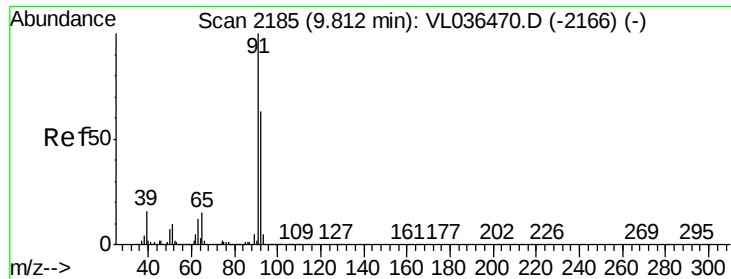
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#52
Tetrachloroethene
Concen: 7.971 ppbv
RT: 11.22 min Scan# 2623
Delta R.T.: -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion:164 Resp: 916676
Ion Ratio Lower Upper
164 100
166 125.4 98.3 147.5
129 109.0 85.8 128.8
131 103.4 80.9 121.3





#53

Toluene

Concen: 9.000 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

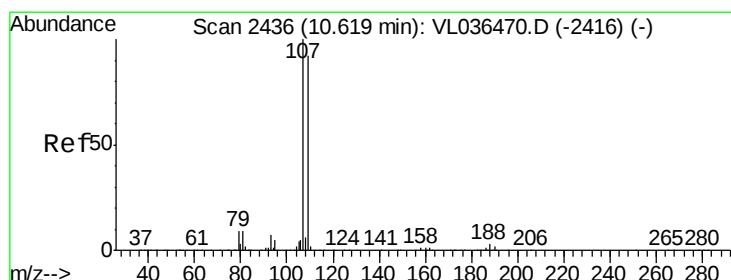
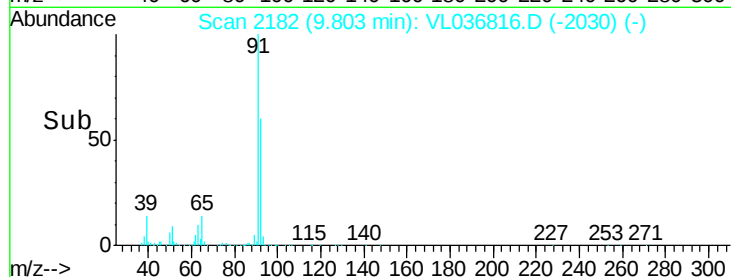
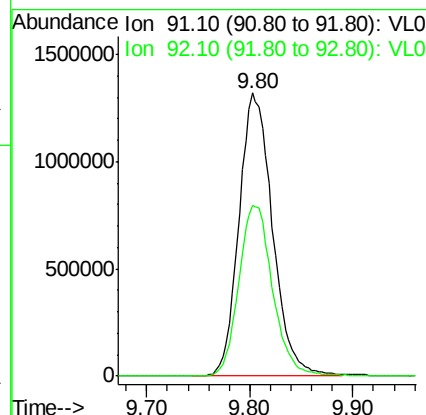
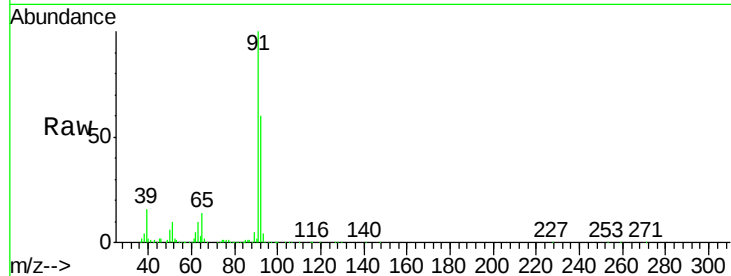
92 61.

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APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#54

1,2-Dibromoethane

Concen: 8.547 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. -0.01 min

Lab File: VL036816.D

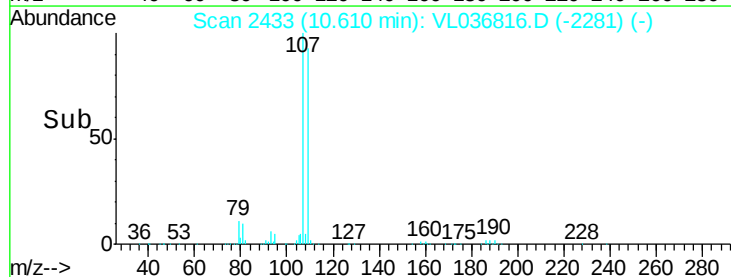
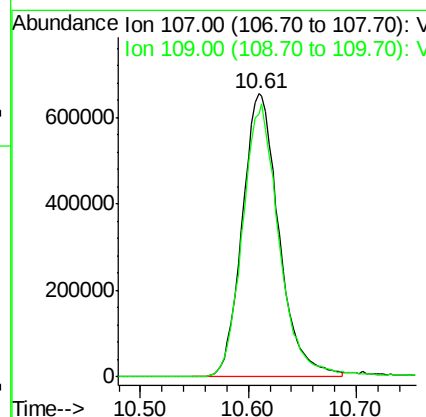
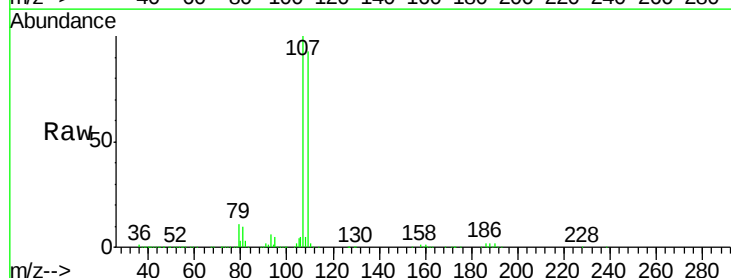
Acq: 14 Apr 2021 00:38

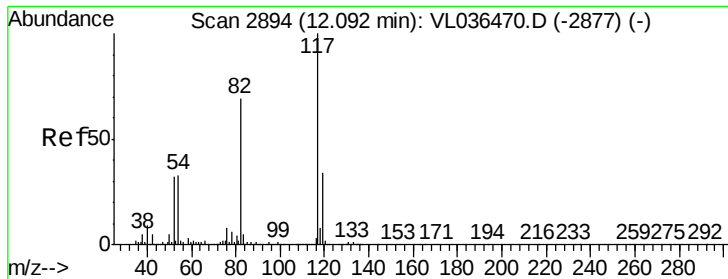
Tgt Ion:107 Resp: 1548766

Ion Ratio Lower Upper

107 100

109 92.8 73.9 110.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.09 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:1

Ion Rati

117 100

82 64.

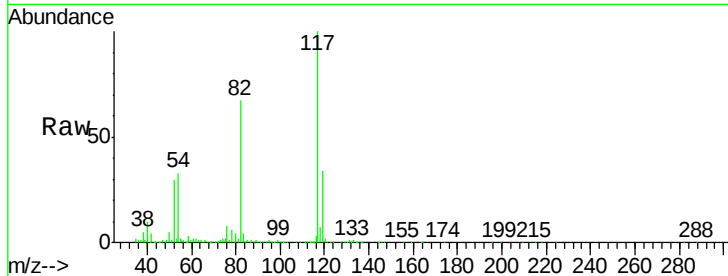
119 27.

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Reviewed By :Semsettin Yesilyurt 04/14/2021

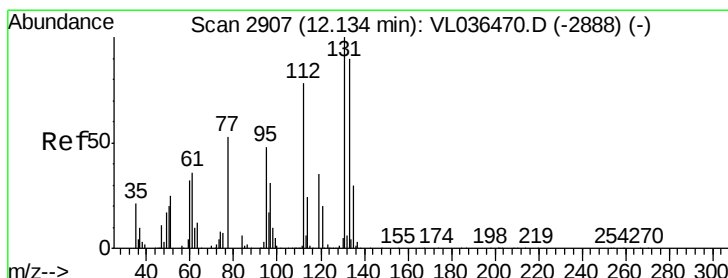
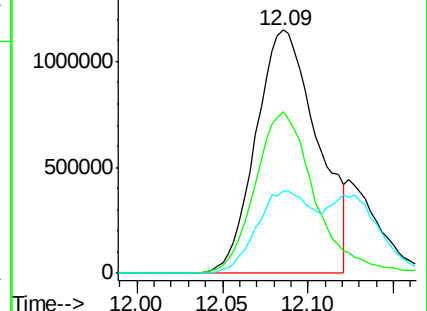
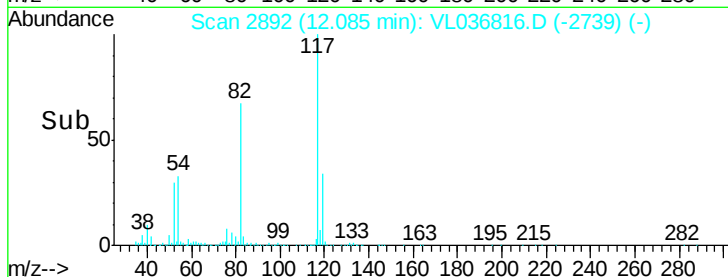
Supervised By :Mahesh Dadoda 04/14/2021



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 9.572 ppbv

RT: 12.13 min Scan# 2905

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

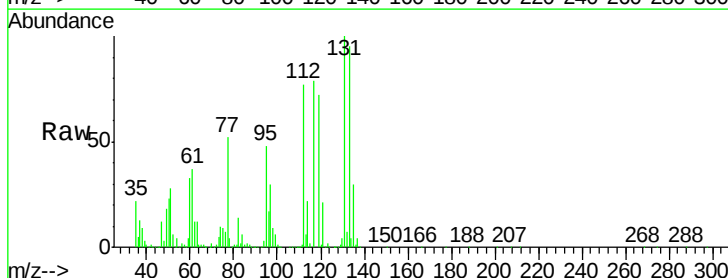
Tgt Ion:131 Resp: 1250362

Ion Ratio Lower Upper

131 100

133 96.3 75.8 113.6

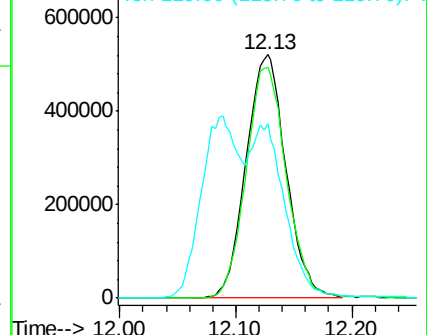
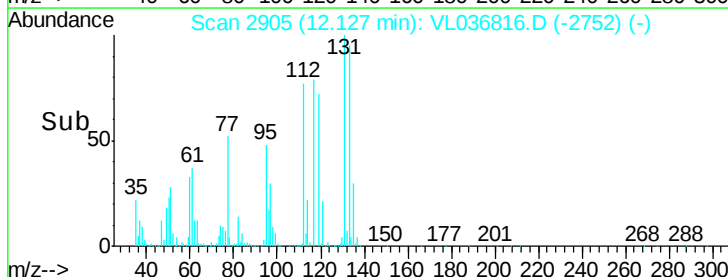
119 71.6 48.7 73.1

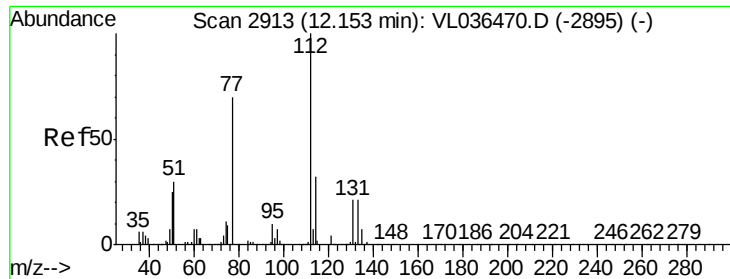


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#57

Chlorobenzene

Concen: 9.138 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

Tot Ion:1

Ion Rati

112 100

77 65.

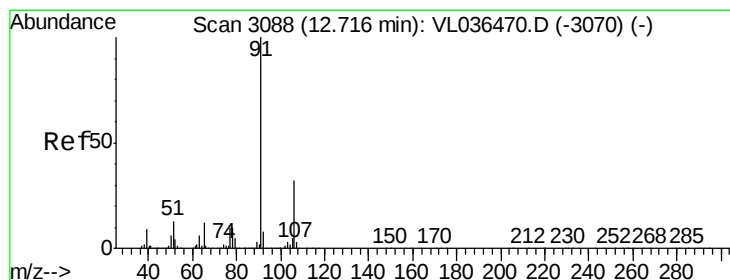
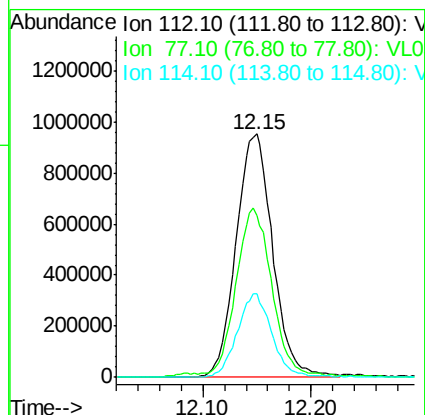
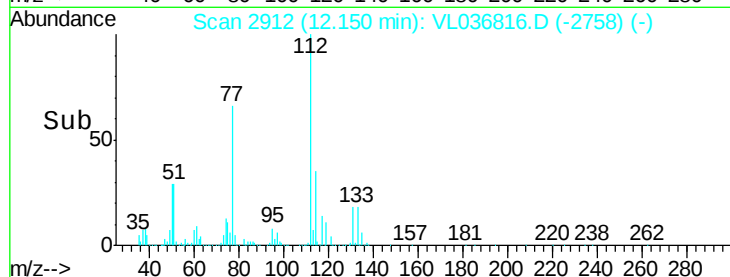
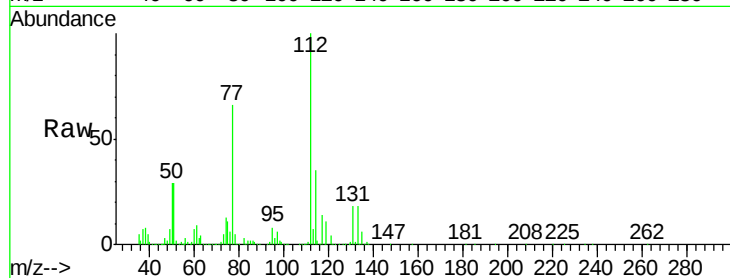
114 34.

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#58

Ethyl Benzene

Concen: 9.529 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036816.D

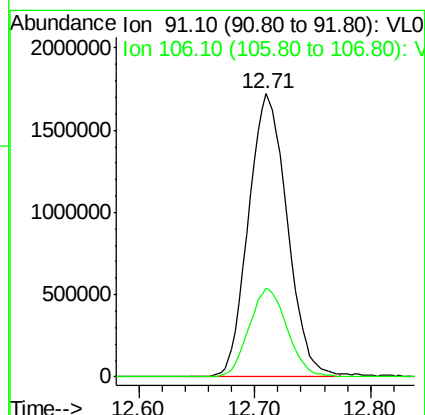
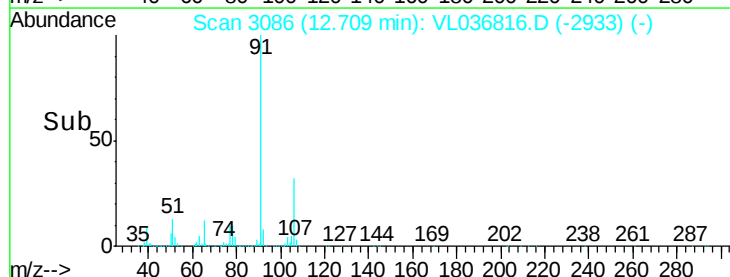
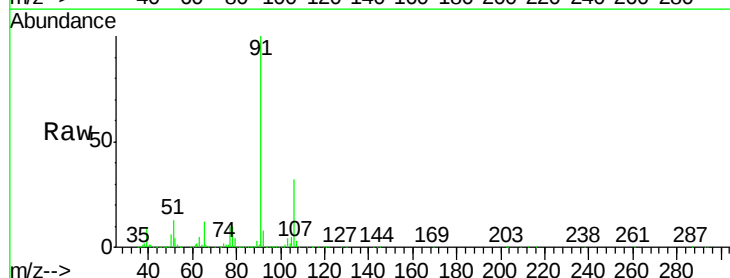
Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 4003873

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



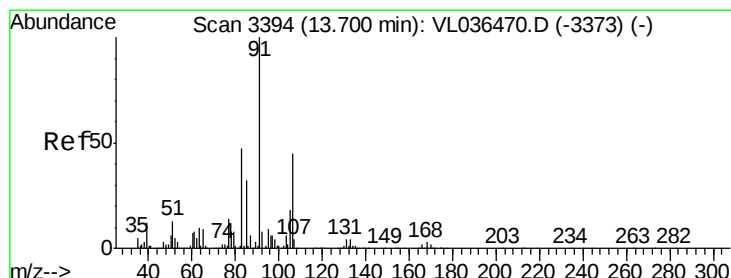
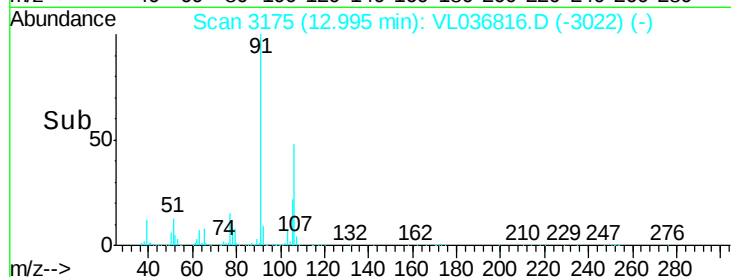
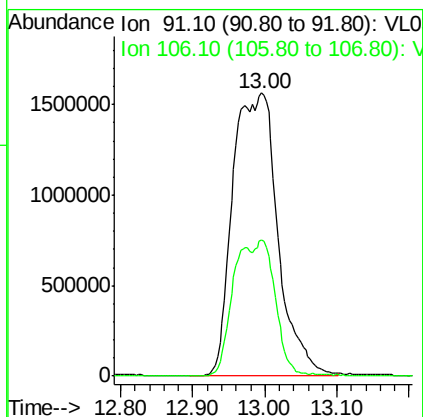
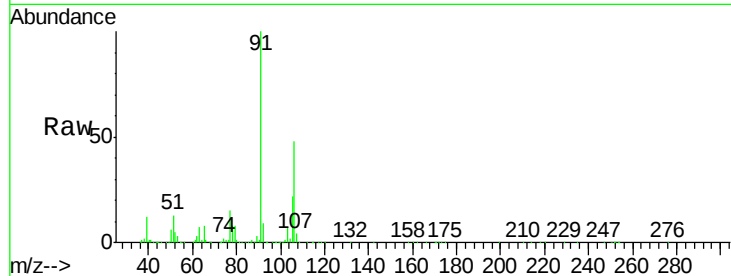


#59
m/p-Xylene
Concen: 18.547 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38
VSTDCCC010EC

Tot Ion:
Ion Ratio
91 100
106 44.

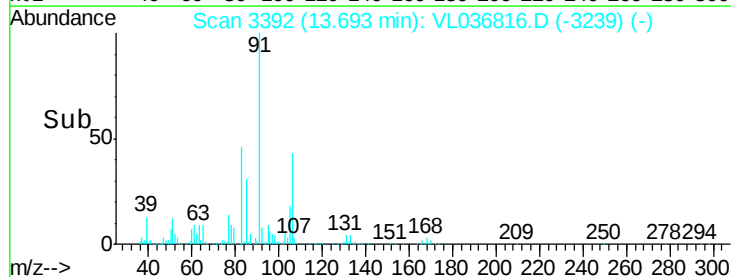
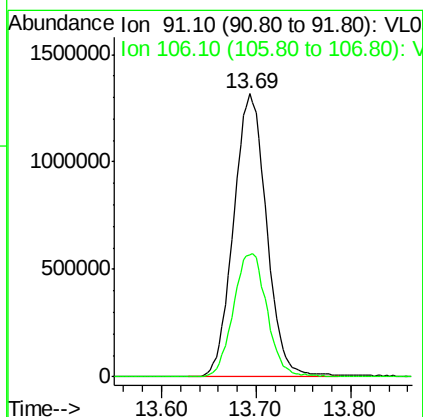
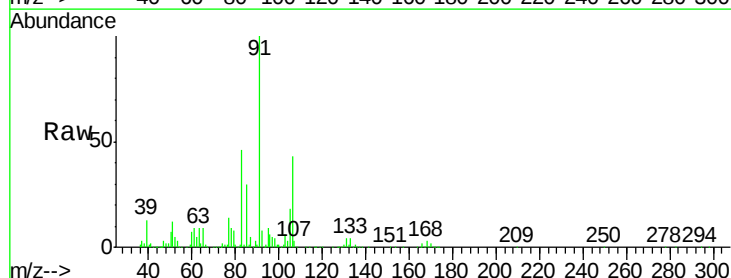
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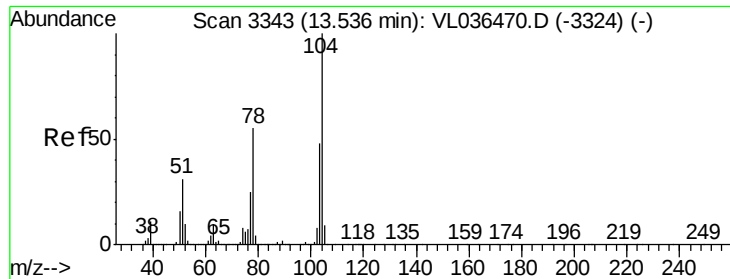
Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#60
o-Xylene
Concen: 8.985 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 3184071
Ion Ratio Lower Upper
91 100
106 44.8 22.3 66.9





#61

Stvrene

Concen: 9.801 ppbv

RT: 13.53

Delta R.T.

Lab File:

Acq: 14 Apr 2021 00:38

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tot Ion:1

Ion Rati

104 100

78 53.

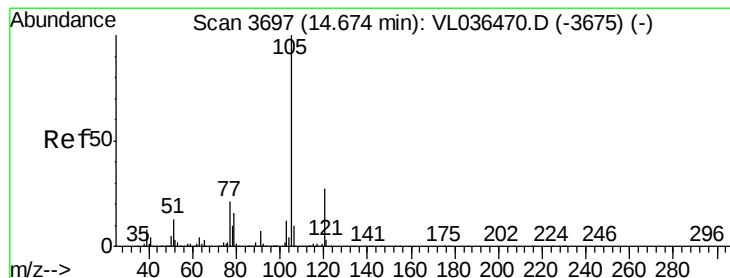
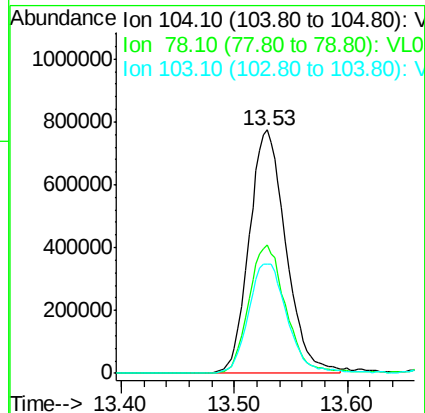
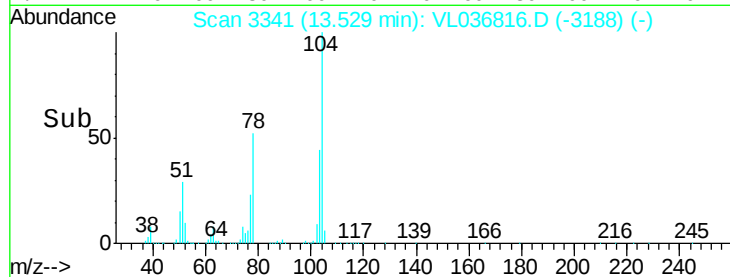
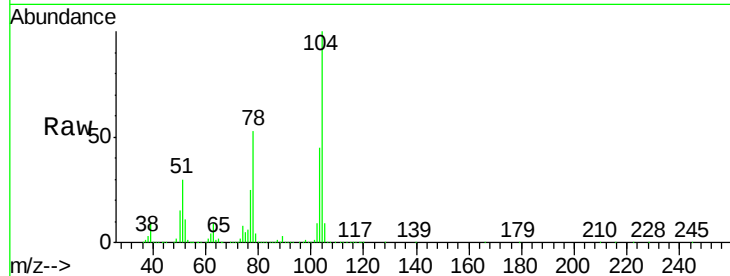
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#62

Isopropylbenzene

Concen: 9.414 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL036816.D

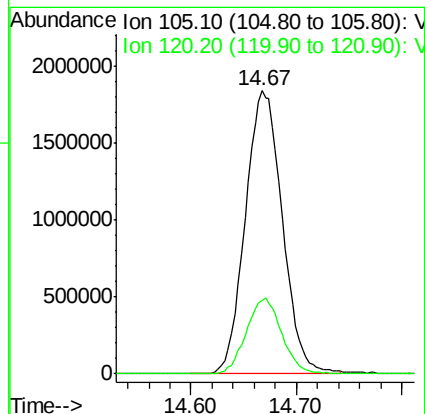
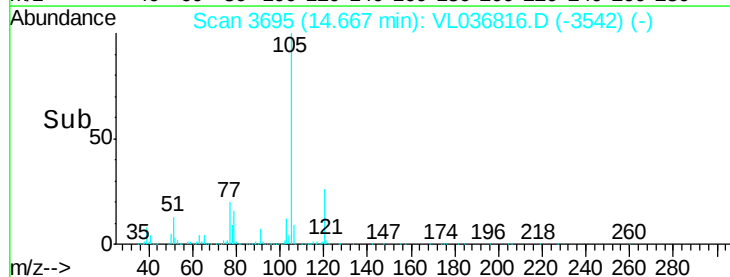
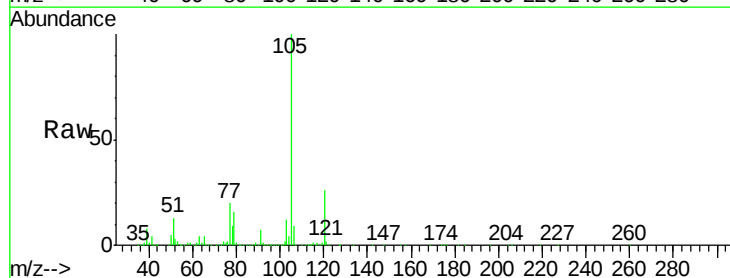
Acq: 14 Apr 2021 00:38

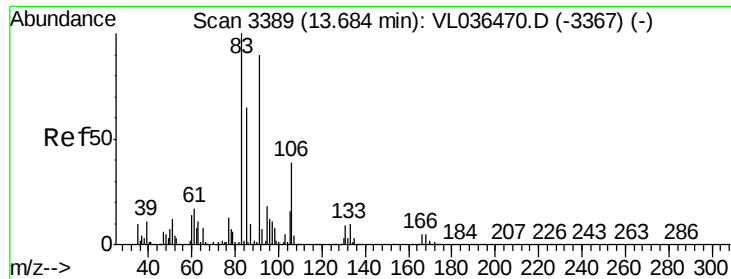
Tgt Ion:105 Resp: 4492583

Ion Ratio Lower Upper

105 100

120 25.9 20.6 31.0



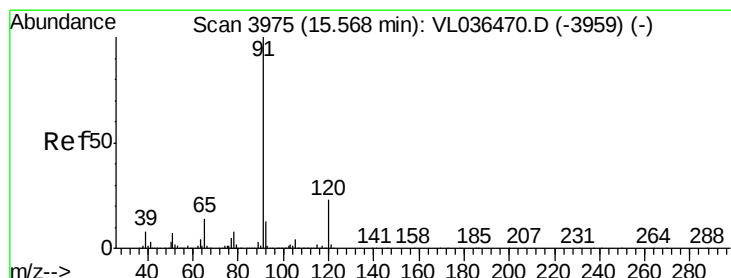
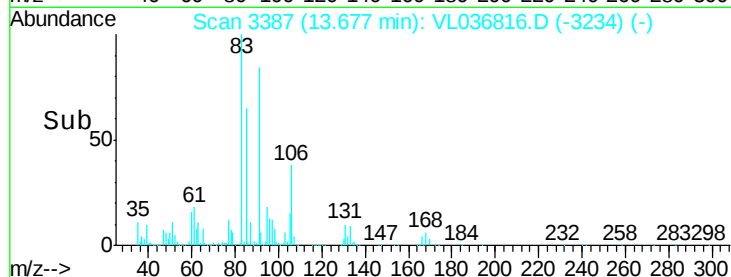
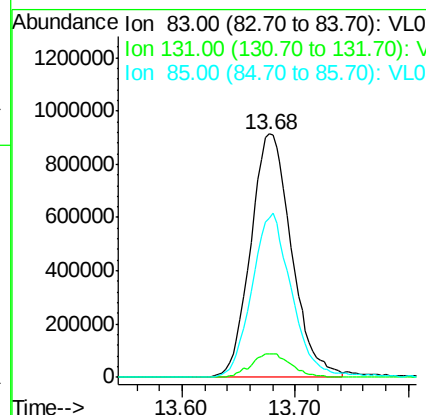
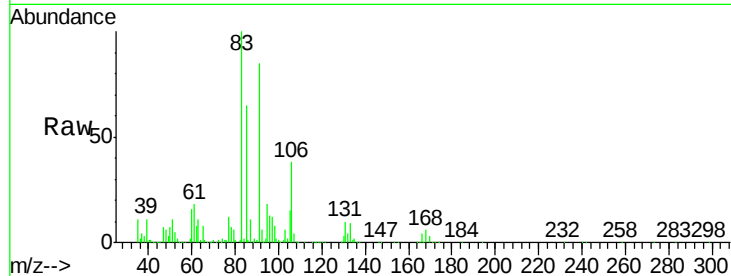


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.481 ppbv
 RT: 13.68 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

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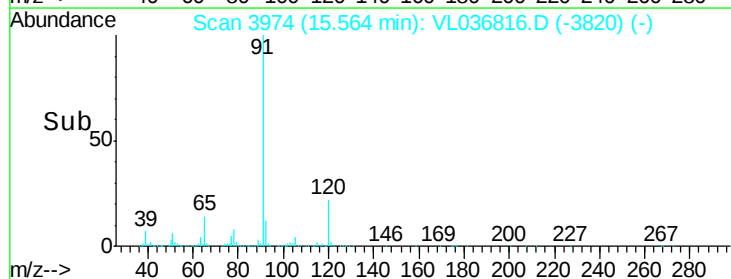
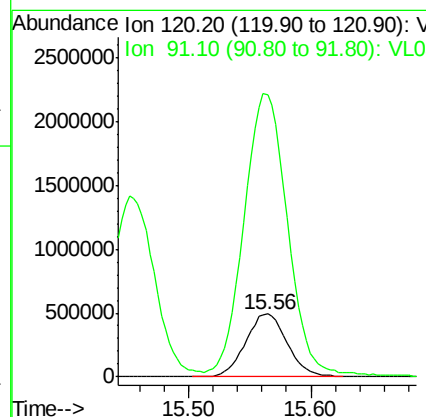
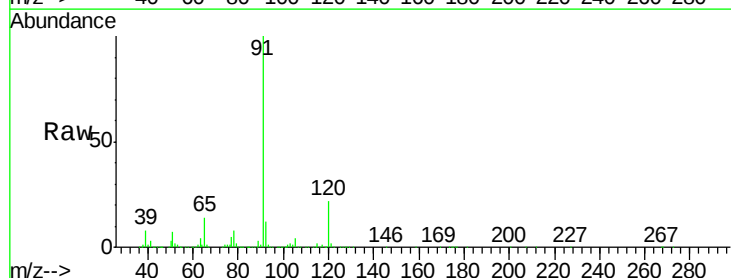
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

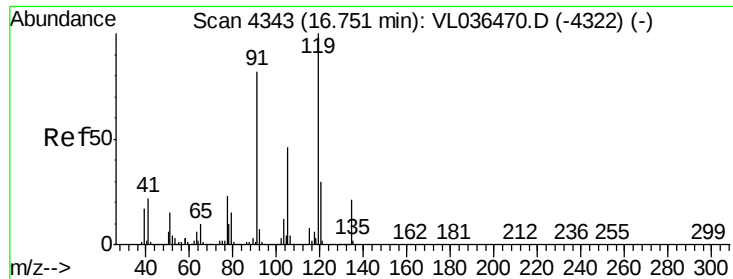
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#64
 n-propylbenzene
 Concen: 9.979 ppbv
 RT: 15.56 min Scan# 3974
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:120 Resp: 1164257
 Ion Ratio Lower Upper
 120 100
 91 473.9 377.4 566.2



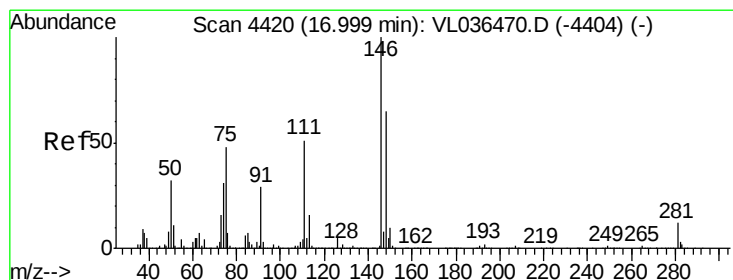
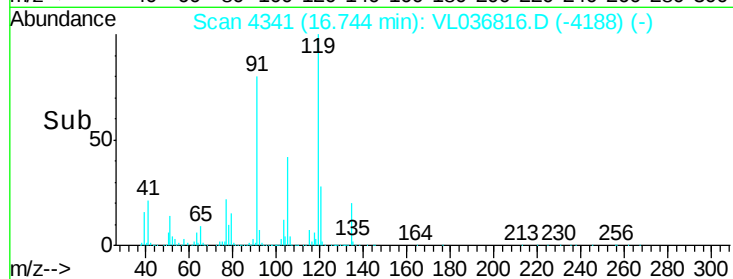
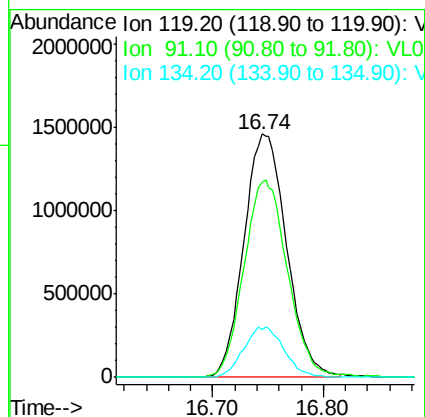
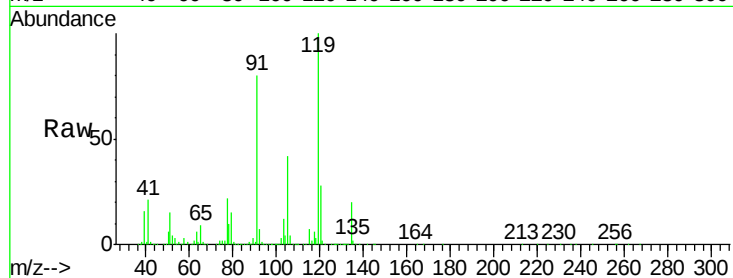


#65
tert-Butylbenzene
Concen: 9.463 ppbv
RT: 16.74 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 14 Apr 2021 00:38
VSTDCCC010EC

Tot Ion: 1
Ion Ratio
119 100
91 82.
134 19.

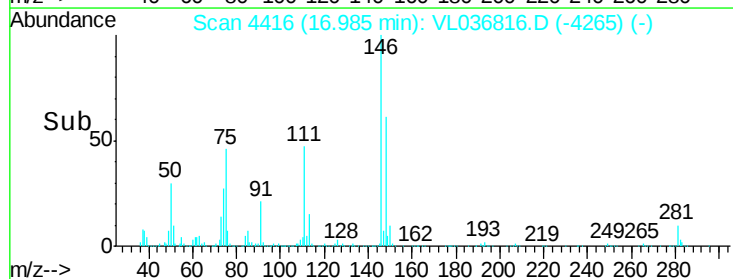
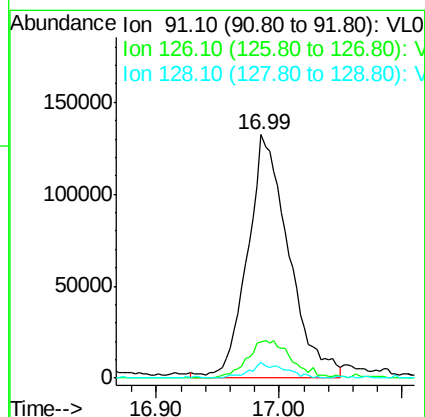
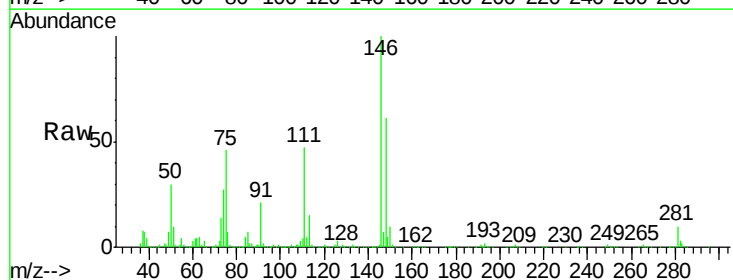
Manual Integrations
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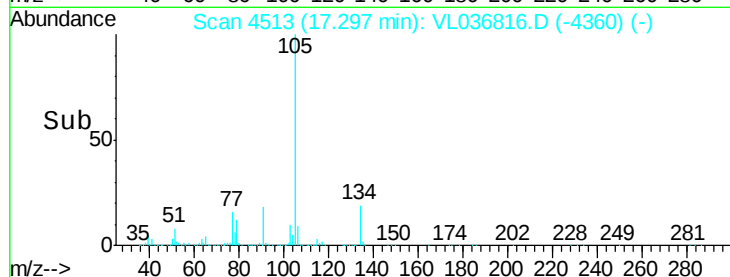
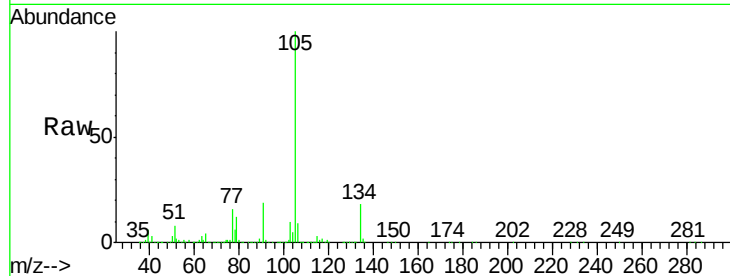
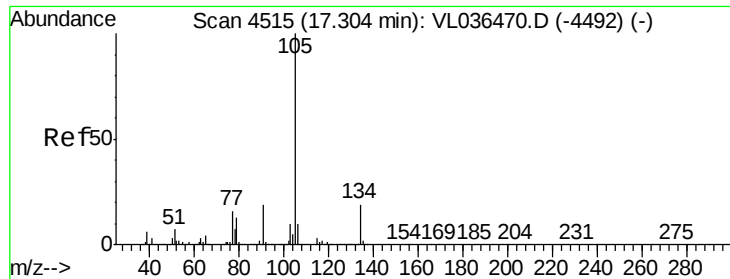
Reviewed By : Semsettin Yesilyurt 04/14/2021
Supervised By : Mahesh Dadoda 04/14/2021



#66
Benzyl Chloride
Concen: 6.749 ppbv m
RT: 16.99 min Scan# 4416
Delta R.T.: -0.01 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 308677
Ion Ratio Lower Upper
91 100
126 17.1 13.5 20.3
128 6.2 4.2 6.4



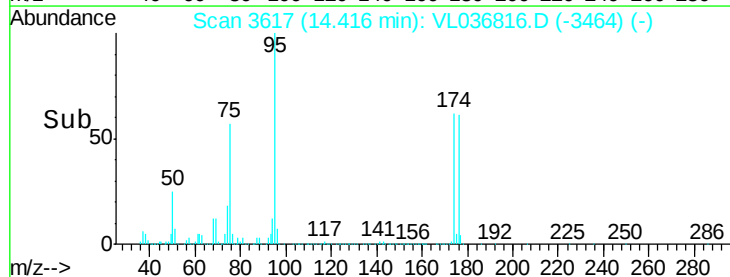
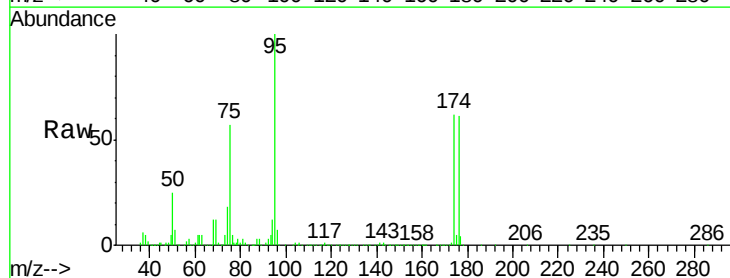
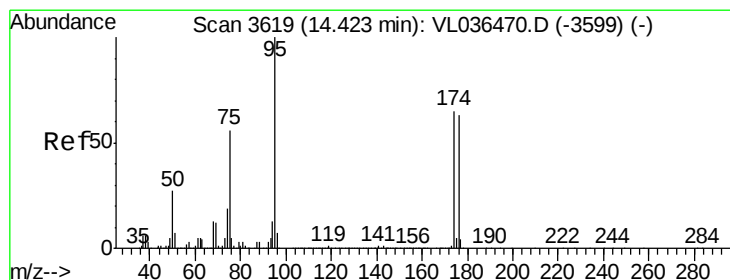
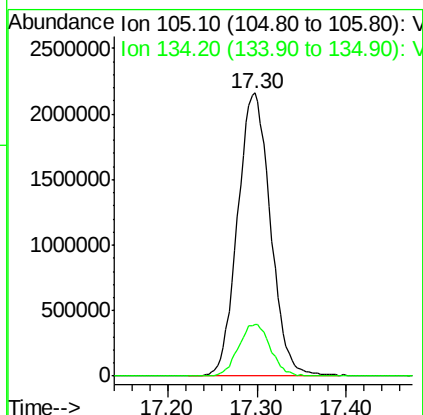


#67
 sec-Butylbenzene
 Concen: 9.428 ppbv
 RT: 17.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:1
 Ion Rati
 105 100
 134 17.

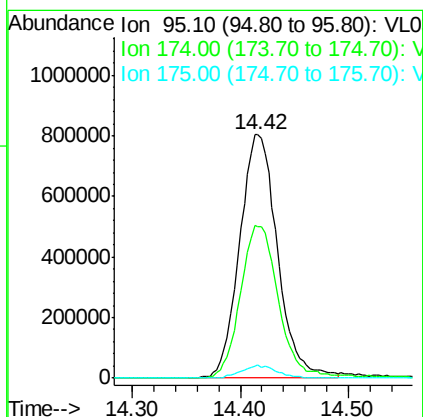
Manual Integrations
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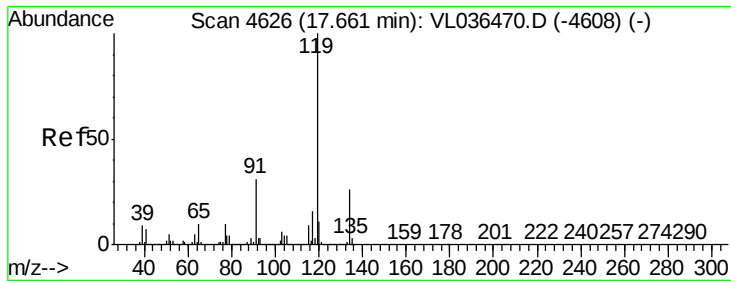
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.533 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 95 Resp: 1964270
 Ion Ratio Lower Upper
 95 100
 174 64.5 51.0 76.6
 175 4.9 3.9 5.9



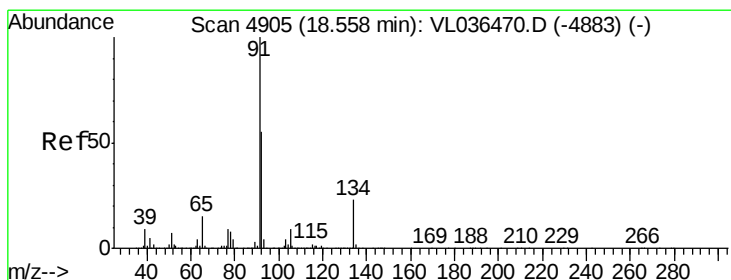
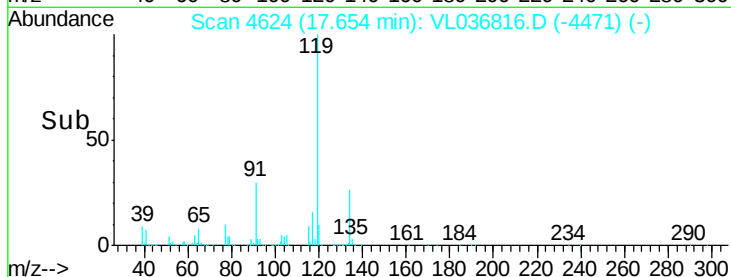
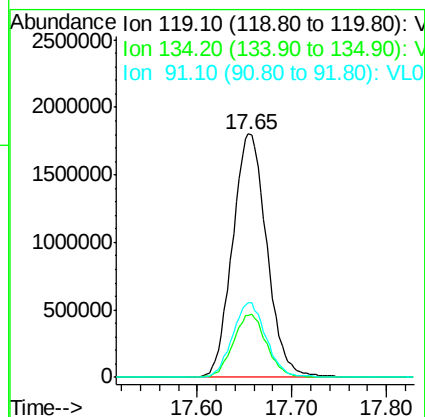
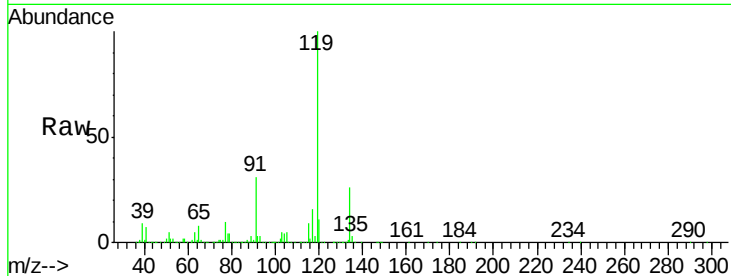


#69
 p-Isopropyltoluene
 Concen: 9.952 ppbv
 RT: 17.65 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

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

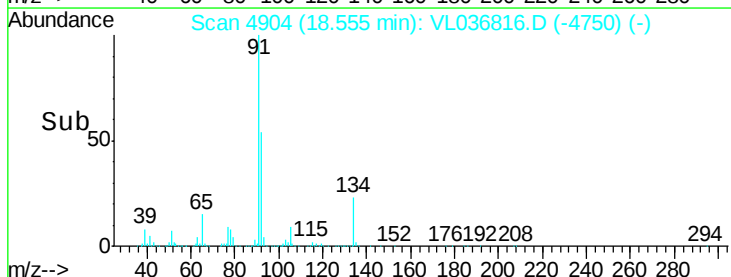
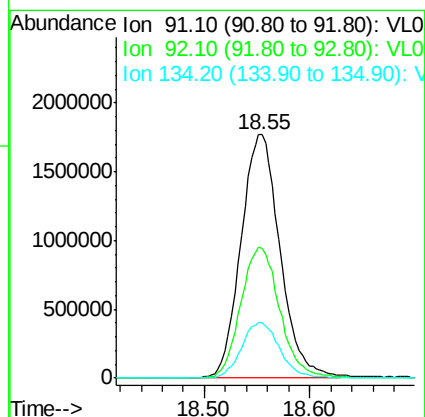
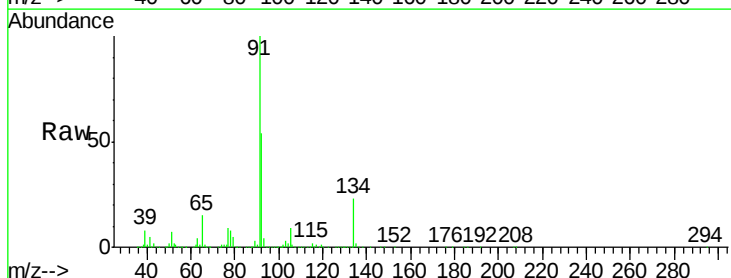
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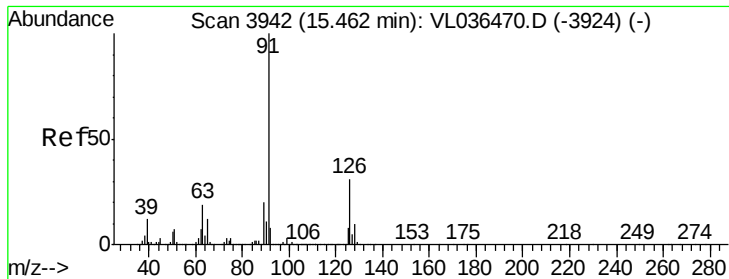
Reviewed By : Semsettin Yesilyurt 04/14/2021
 Supervised By : Mahesh Dadoda 04/14/2021



#70
 n-Butylbenzene
 Concen: 9.614 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion: 91 Resp: 4546879
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.8 65.8
 134 22.4 18.0 27.0





#71

2-Chlorotoluene

Concen: 9.585 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2021 00:38

Tot Ion:

Ion Ratio

91 100

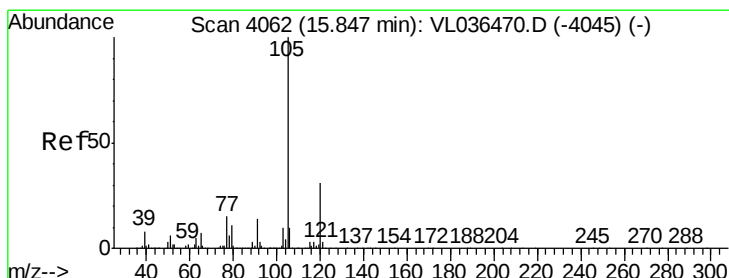
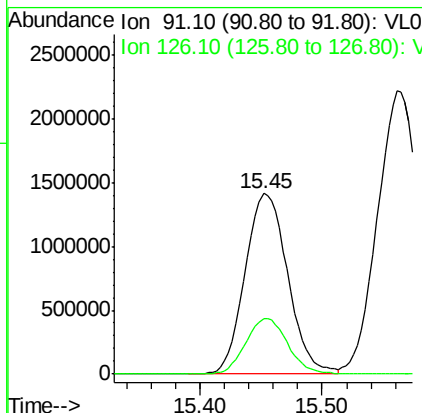
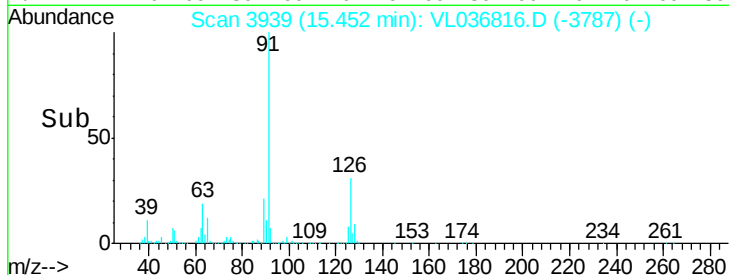
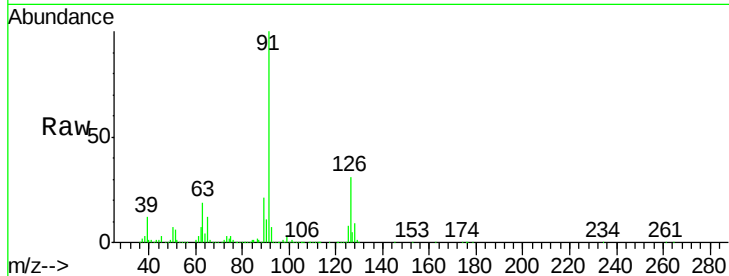
126 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#72

4-Ethyltoluene

Concen: 9.846 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion:105 Resp: 3823409

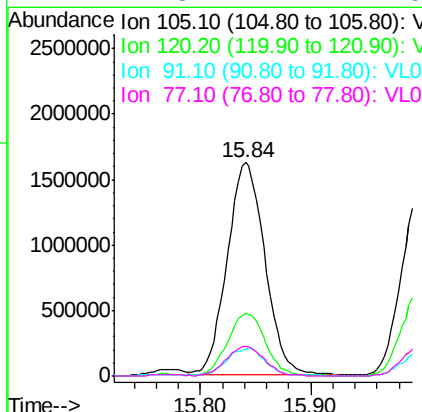
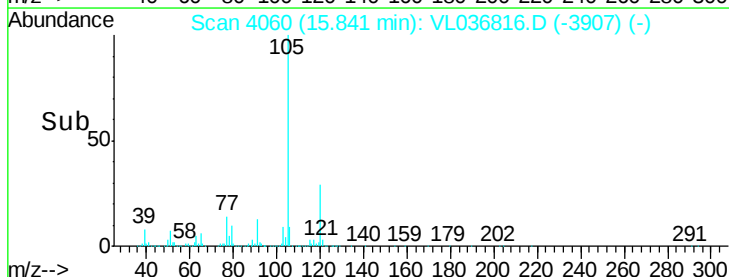
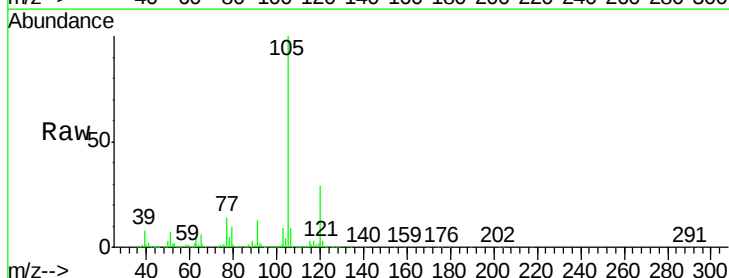
Ion Ratio Lower Upper

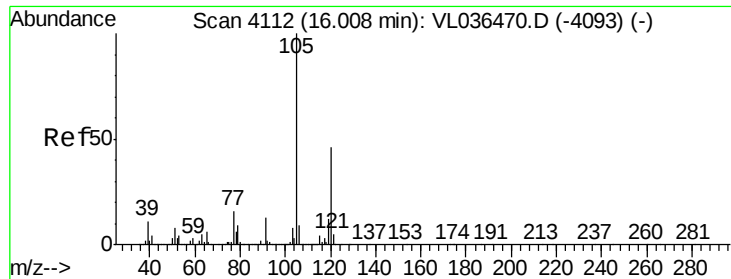
105 100

120 30.1 24.0 36.0

91 13.9 11.0 16.4

77 14.3 11.7 17.5



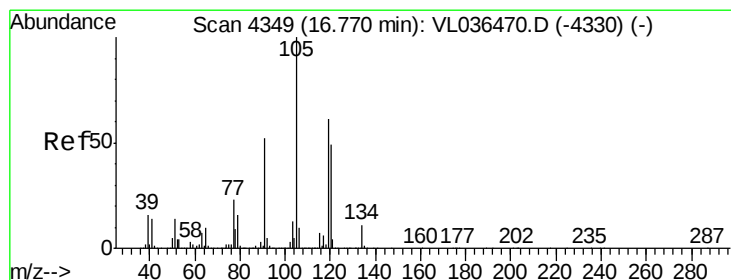
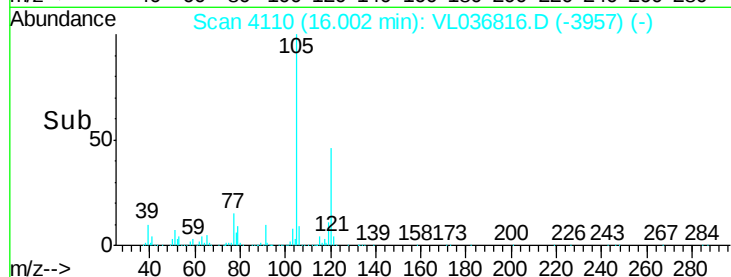
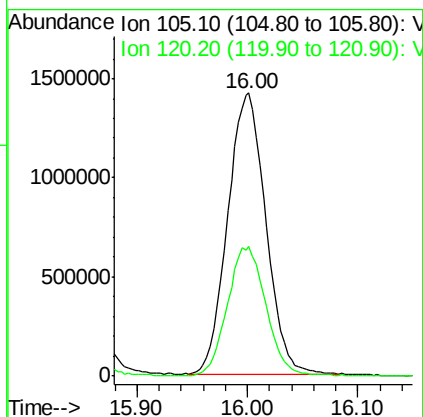
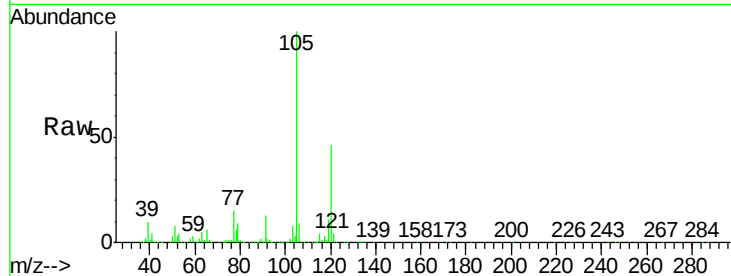


#73
 1,3,5-Trimethylbenzene
 Concen: 9.391 ppbv
 RT: 16.00 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:1
 Ion Rati
 105 100
 120 45.

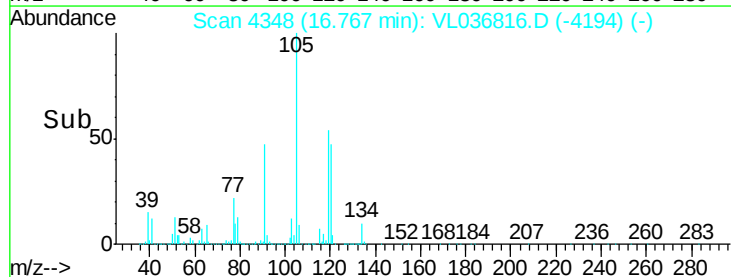
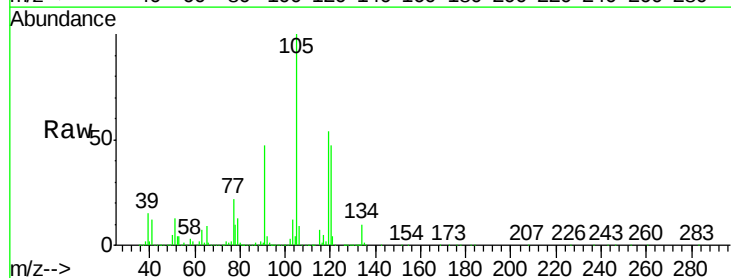
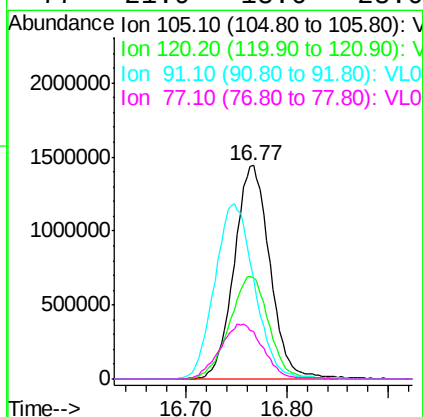
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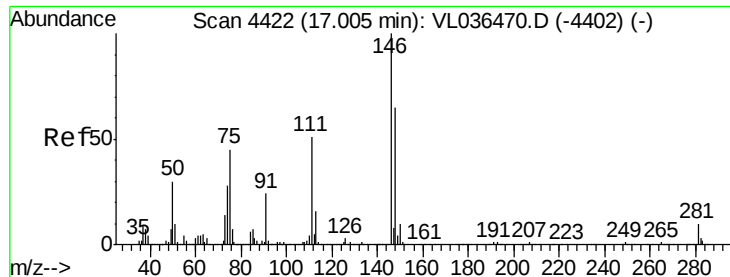
Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.135 ppbv
 RT: 16.77 min Scan# 4348
 Delta R.T. -0.00 min
 Lab File: VL036816.D
 Acq: 14 Apr 2021 00:38

Tgt Ion:105 Resp: 3542820
 Ion Ratio Lower Upper
 105 100
 120 46.9 39.2 58.8
 91 46.2 42.6 64.0
 77 21.9 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 9.700 ppbv

RT: 17.00

Delta R.T. MSVOA_L

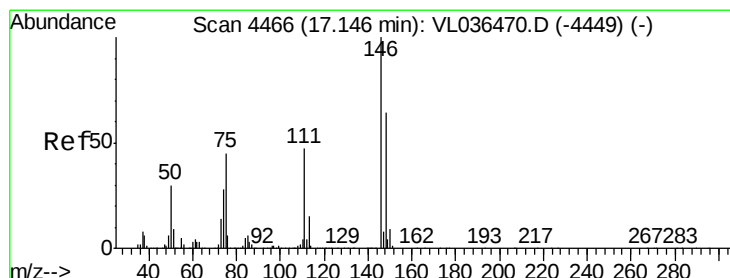
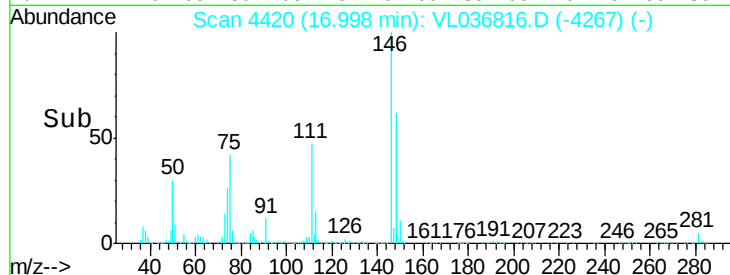
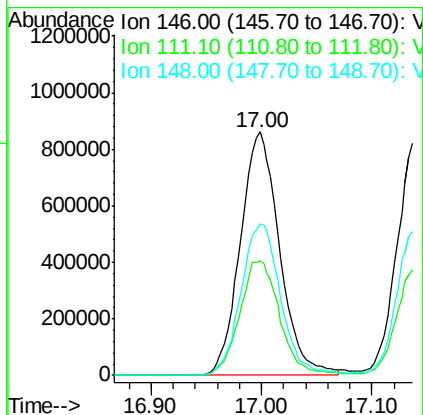
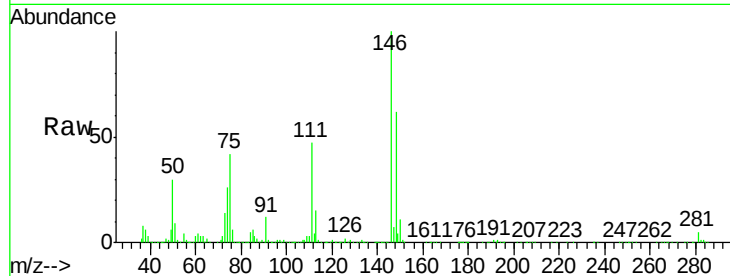
Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:1
Ion Rati
146 100
111 48.
148 63.

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Reviewed By :Semsettin Yesilyurt 04/14/2021
Supervised By :Mahesh Dadoda 04/14/2021



#76

1,4-Dichlorobenzene

Concen: 9.167 ppbv

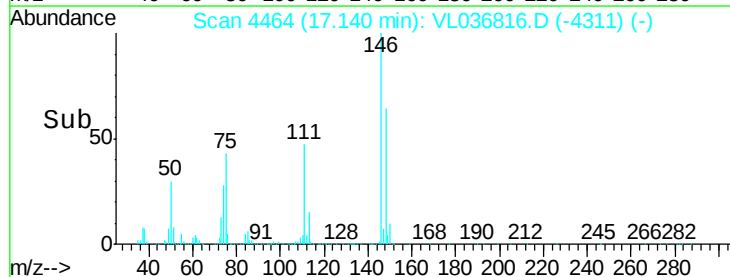
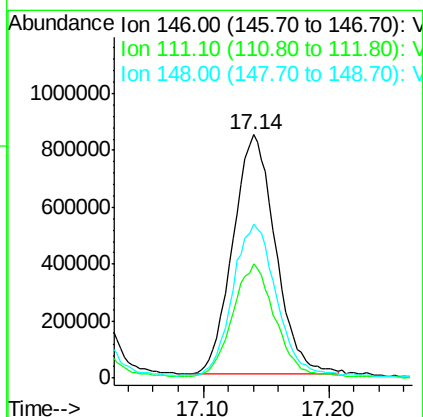
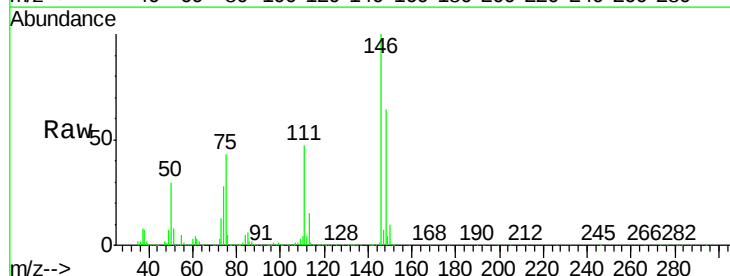
RT: 17.14 min Scan# 4464

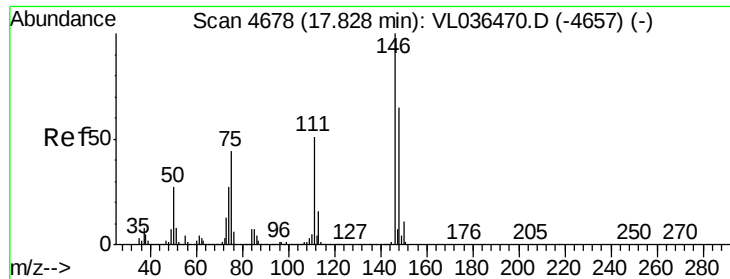
Delta R.T. -0.01 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

Tgt Ion:146 Resp: 1986834
Ion Ratio Lower Upper
146 100
111 48.7 24.3 72.8
148 66.8 33.0 98.9





#77

1,2-Dichlorobenzene

Concen: 9.867 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2021 00:38 VSTDCCC010EC

Tot Ion:1

Ion Rati

146 100

111 49.

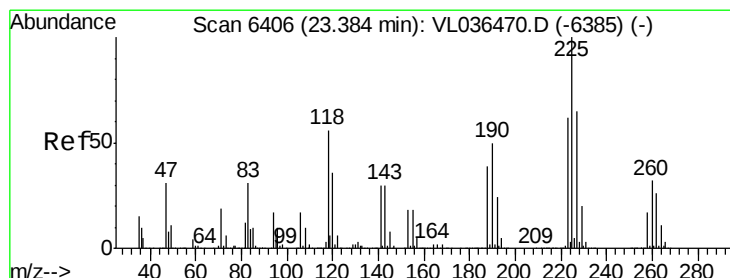
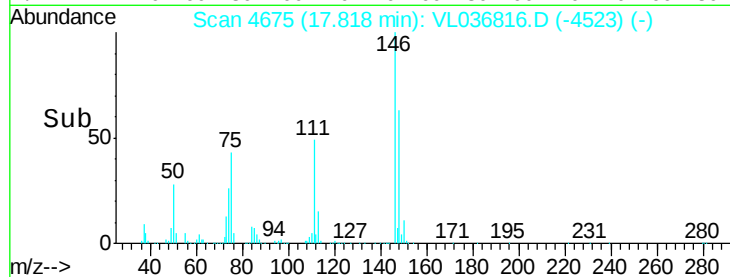
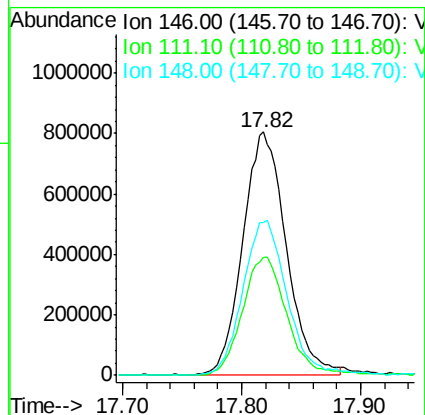
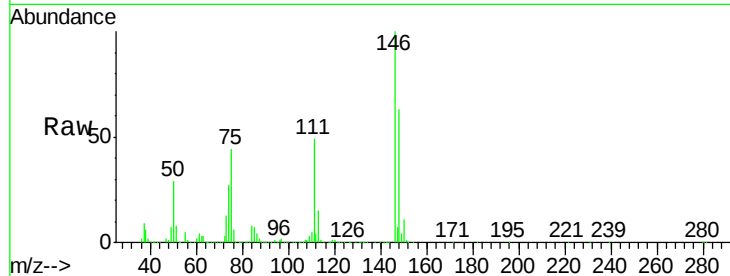
148 64.

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Reviewed By :Semsettin Yesilyurt 04/14/2021

Supervised By :Mahesh Dadoda 04/14/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.622 ppbv

RT: 23.38 min Scan# 6405

Delta R.T. -0.00 min

Lab File: VL036816.D

Acq: 14 Apr 2021 00:38

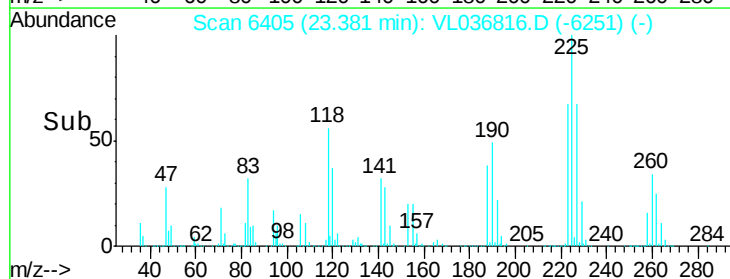
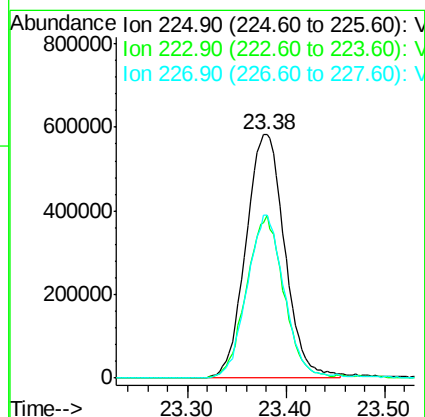
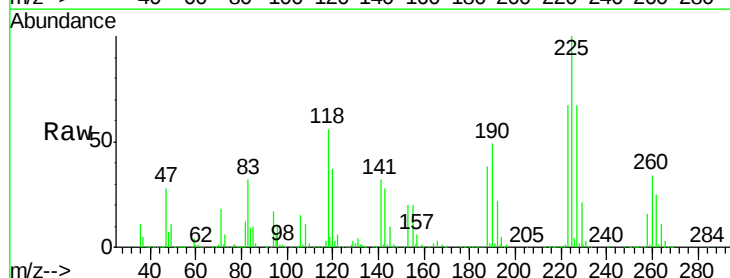
Tgt Ion:225 Resp: 1584472

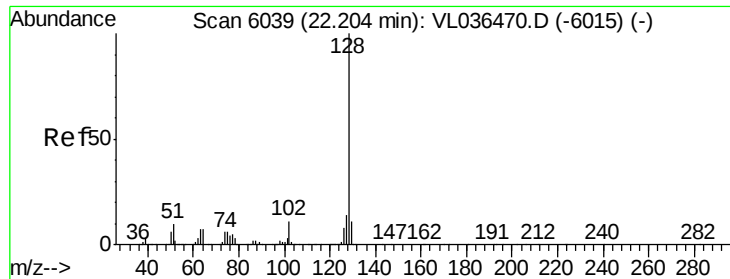
Ion Ratio Lower Upper

225 100

223 64.9 50.6 75.8

227 65.2 52.2 78.2



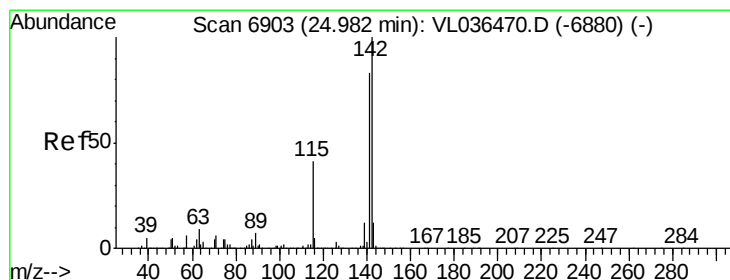
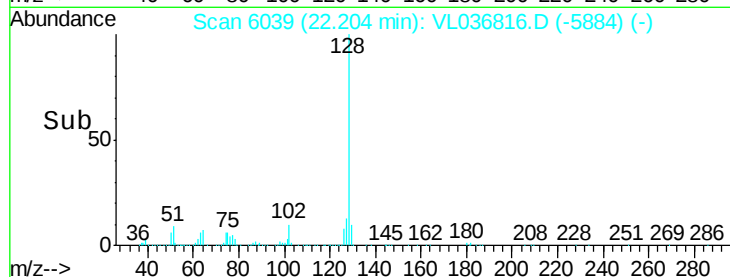
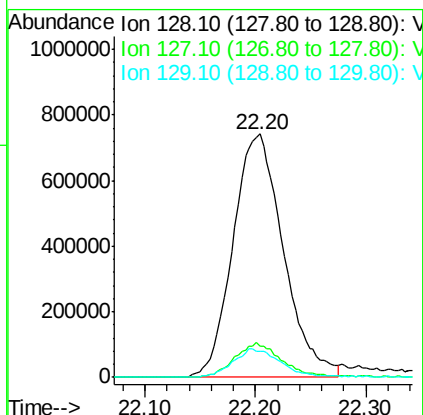
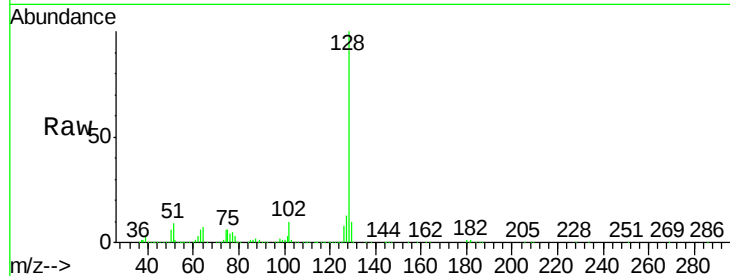


#79
Naphthalene
Concen: 10.288 ppbv
RT: 22.20 min
Instrument: MSVOA_L
Delta R.T.: -0.00 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 14 Apr 2021 00:38

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

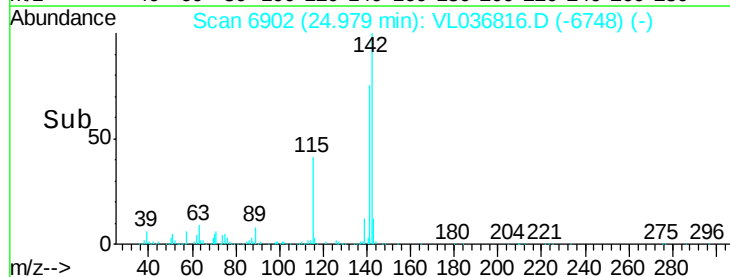
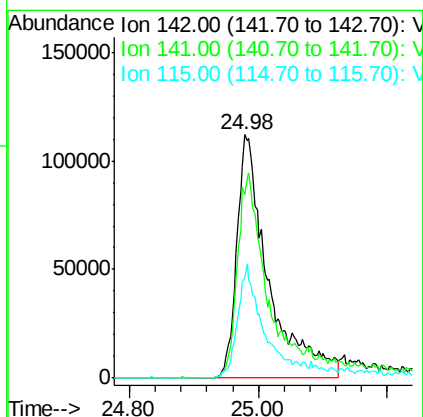
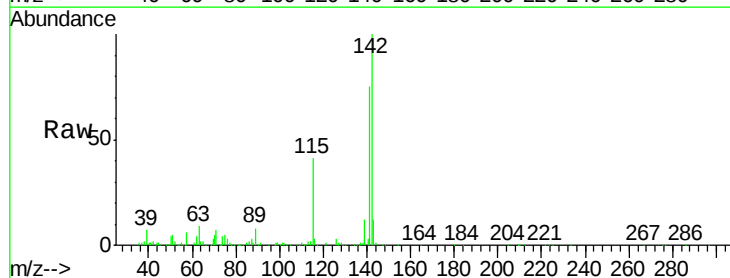
Manual Integrations
APPROVED

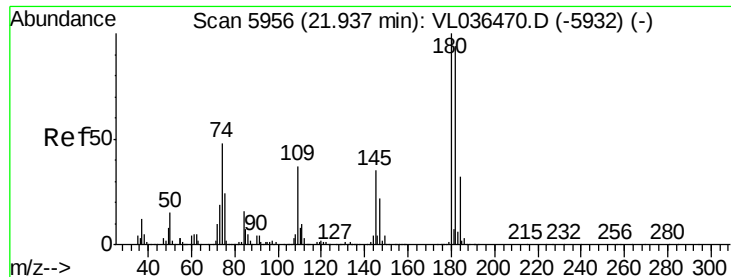
Reviewed By : Semsettin Yesilyurt 04/14/2021
Supervised By : Mahesh Dadoda 04/14/2021



#80
Naphthalene, 2-methyl-
Concen: 8.556 ppbv
RT: 24.98 min Scan# 6902
Delta R.T.: -0.00 min
Lab File: VL036816.D
Acq: 14 Apr 2021 00:38

Tgt Ion: 142 Resp: 381840
Ion Ratio Lower Upper
142 100
141 86.0 67.8 101.8
115 43.6 34.0 51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.202 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 14 Apr 2021 00:38

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021
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