

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038315.D
 Acq On : 28 Jan 2022 9:58
 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: Jan 29 06:08:11 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 14:12:48 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 01/29/2022
 Supervised By : Amit Patel 02/02/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	756339	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2030603	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	1715010m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1414540	10.87	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1329998	8.260	ppbv	98
3) Chlorodifluoromethane	2.99	51	1444036	9.591	ppbv	100
4) Chloromethane	3.14	50	452430	8.734	ppbv	98
5) Vinyl Chloride	3.26	62	462444	8.945	ppbv	95
6) Bromomethane	3.47	94	167311	5.986	ppbv	92
7) Chloroethane	3.56	64	160394	9.185	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	1119977	8.990	ppbv	100
9) Propene	3.01	41	438592	8.948	ppbv	99
10) Heptane	8.11	43	1127322	8.939	ppbv	99
11) Trichlorofluoromethane	3.95	101	1162632	9.269	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	861699	9.088	ppbv	99
13) Ethanol	3.60	45	55781m	10.601	ppbv	
14) Bromoethene	3.74	108	338435	9.135	ppbv	99
15) Acetone	3.84	43	662316	9.934	ppbv	99
16) 1,3-Butadiene	3.33	39	478822	10.008	ppbv	91
17) tert-Butyl alcohol	4.28	59	621210	8.489	ppbv	99
18) 1,1-Dichloroethene	4.29	96	370679	8.990	ppbv	96
19) Isopropyl Alcohol	3.96	45	360474	8.643	ppbv #	98
20) Methylene Chloride	4.34	84	307300	7.925	ppbv	95
21) Allyl Chloride	4.41	41	468927	7.949	ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	386495	9.072	ppbv	97
23) Vinyl Acetate	5.06	43	892399	9.206	ppbv	99
24) 1,1-Dichloroethane	5.00	63	793138	9.184	ppbv	100
25) Ethyl Acetate	5.67	43	1636661	8.767	ppbv	99
26) Hexane	5.68	57	792818	9.131	ppbv	95
27) Carbon Disulfide	4.55	76	890955	8.771	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	776874	8.625	ppbv	99
29) Chloroform	5.74	83	1292414	9.119	ppbv	100
30) Cyclohexane	7.12	84	673699	8.911	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	673134	8.887	ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	1291725	9.125	ppbv	100
34) 2-Butanone	5.24	43	609063	9.172	ppbv	98
35) Carbon Tetrachloride	7.01	117	1312594	9.209	ppbv	96
36) Benzene	6.88	78	1667752	9.285	ppbv	99
37) 1,2-Dichloroethane	6.29	62	988851	9.612	ppbv	100
38) Trichloroethene	7.82	130	577273	8.628	ppbv	91
39) 1,2-Dichloropropane	7.60	63	664541	9.126	ppbv	99
40) 1,4-Dioxane	7.82	88	150101	8.564	ppbv #	1
41) Tetrahydrofuran	6.04	42	379230	8.495	ppbv	99
42) Bromodichloromethane	7.78	83	1424132	9.330	ppbv	99
43) Methyl Methacrylate	8.00	69	641242	10.093	ppbv	98

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 VSTDCCC010EC

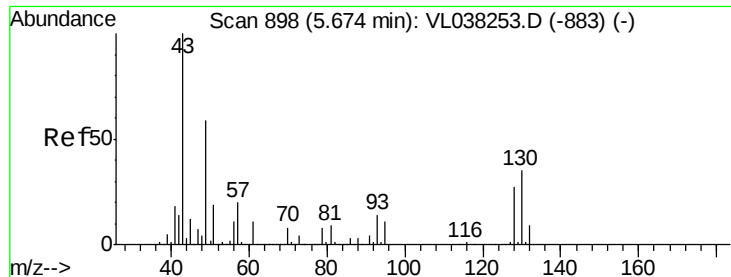
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/29/2022
 Supervised By : Amit Patel 02/02/2022

Quant Time: Jan 29 06:08:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
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 QLast Update : Mon Jan 24 14:12:48 2022
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	2890428	9.131	ppbv	97
45) t-1,3-Dichloropropene	9.26	75	202214	3.917	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	351183	5.099	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	656303	9.172	ppbv	98
48) Dibromochloromethane	10.29	129	1121991	9.314	ppbv	98
49) Bromoform	13.02	173	880152	10.135	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1222963	10.324	ppbv	99
51) 2-Hexanone	10.12	43	614575	11.780	ppbv #	99
52) Tetrachloroethene	11.21	164	506802	8.187	ppbv	98
53) Toluene	9.79	91	1832270	9.216	ppbv	100
54) 1,2-Dibromoethane	10.59	107	878486	8.636	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	751061	10.006	ppbv	96
57) Chlorobenzene	12.13	112	1267808	9.238	ppbv	99
58) Ethyl Benzene	12.69	91	2449424	9.718	ppbv	100
59) m/p-Xylene	12.98	91	4092008m	19.029	ppbv	
60) o-Xylene	13.68	91	1945245	9.726	ppbv	99
61) Styrene	13.51	104	923423	9.893	ppbv	99
62) Isopropylbenzene	14.65	105	2688983	10.085	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1482699	10.019	ppbv	100
64) n-propylbenzene	15.55	120	662036	10.322	ppbv	97
65) tert-Butylbenzene	16.73	119	2299630	10.472	ppbv	99
66) Benzyl Chloride	16.97	91	35631m	3.572	ppbv	
67) sec-Butylbenzene	17.28	105	3201307	10.479	ppbv	99
69) p-Isopropyltoluene	17.64	119	2485086	10.630	ppbv	99
70) n-Butylbenzene	18.53	91	2496897	10.905	ppbv	100
71) 2-Chlorotoluene	15.44	91	2033405	10.297	ppbv	99
72) 4-Ethyltoluene	15.82	105	2177075	10.409	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	1909988	10.155	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	1969403	9.939	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	1054381	9.915	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	997390	9.688	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	1016224	10.290	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	572010	8.330	ppbv	99
79) Naphthalene	22.18	128	900048	9.715	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	102213	10.145	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	518582m	9.517	ppbv	

(#) = 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: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:

Ion Ratio

49 100

128 49.

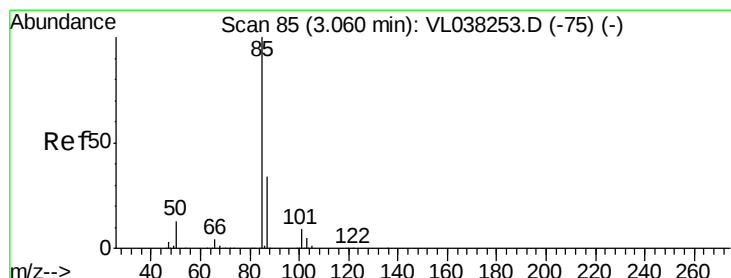
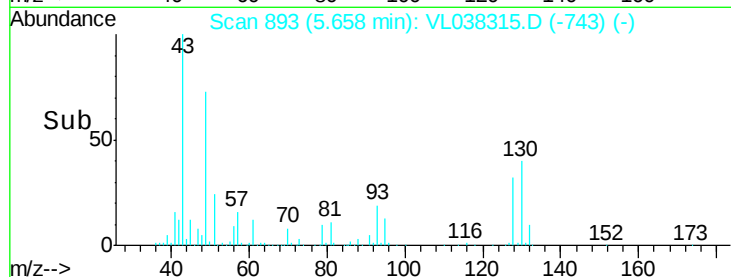
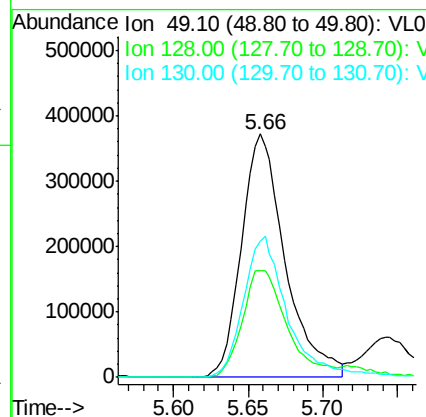
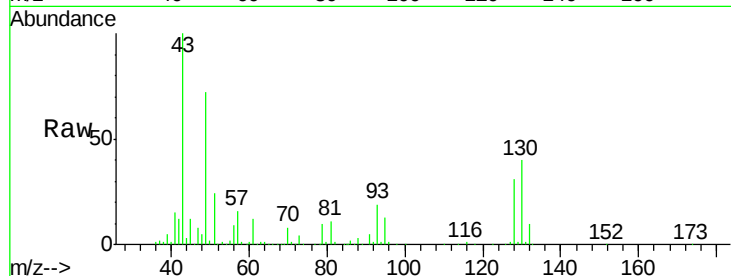
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#2

Dichlorodifluoromethane

Concen: 8.260 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL038315.D

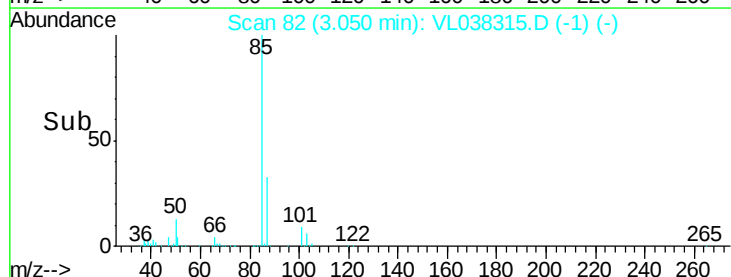
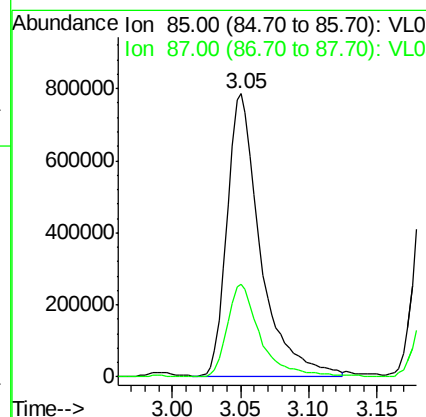
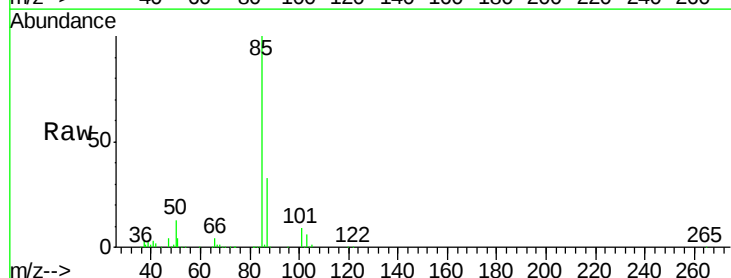
Acq: 28 Jan 2022 9:58

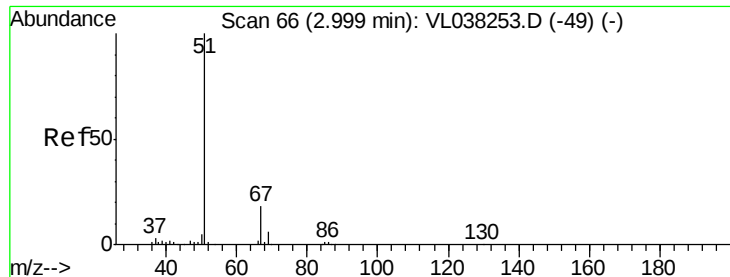
Tgt Ion: 85 Resp: 1329998

Ion Ratio Lower Upper

85 100

87 32.7 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.591 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

51 100

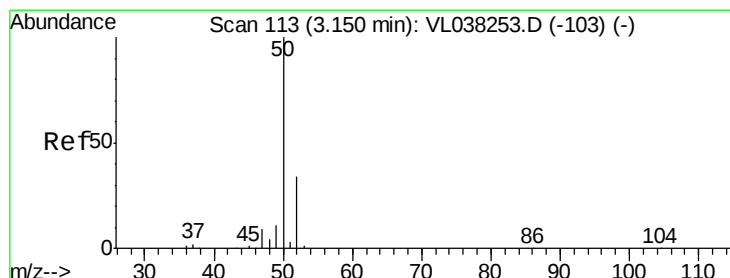
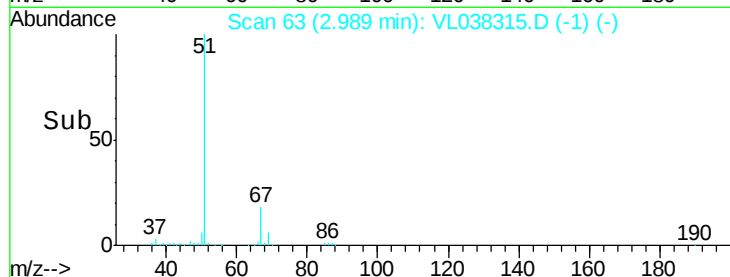
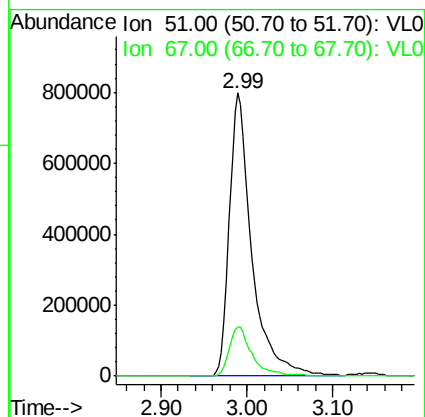
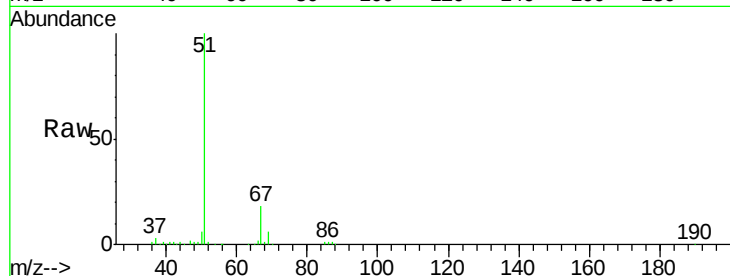
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#4

Chloromethane

Concen: 8.734 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.01 min

Lab File: VL038315.D

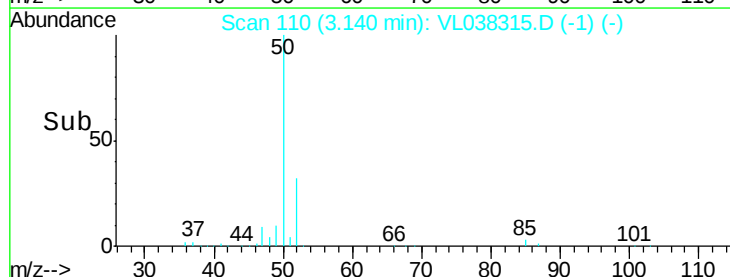
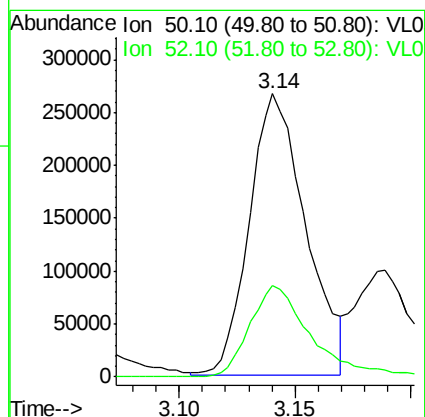
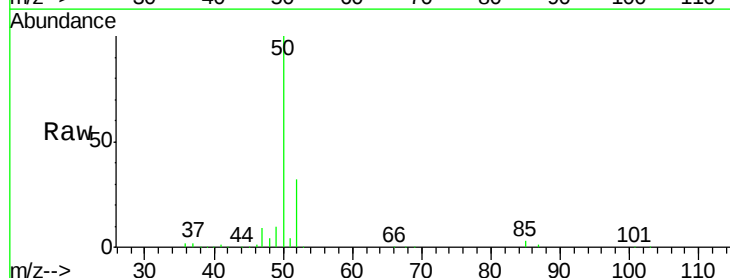
Acq: 28 Jan 2022 9:58

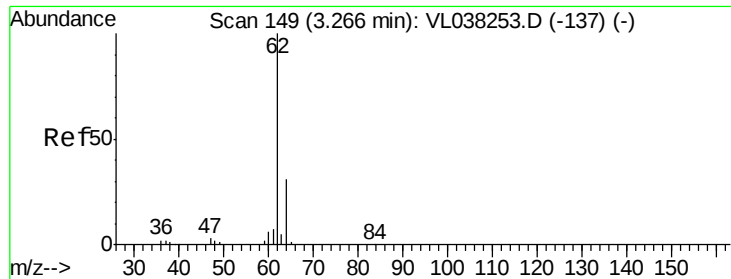
Tgt Ion: 50 Resp: 452430

Ion Ratio Lower Upper

50 100

52 32.6 27.1 40.7





#5

Vinyl Chloride

Concen: 8.945 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

62 100

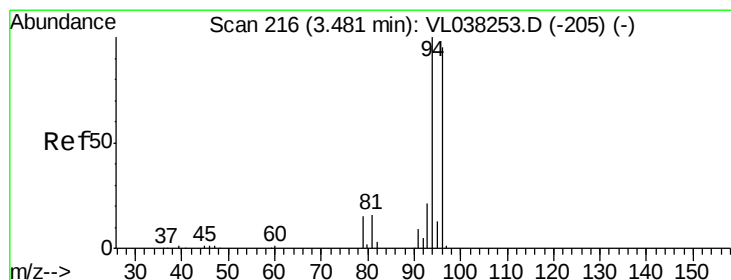
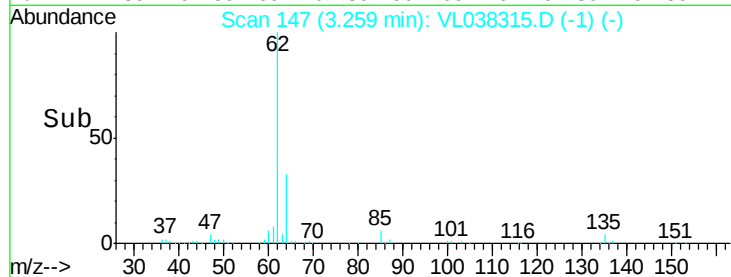
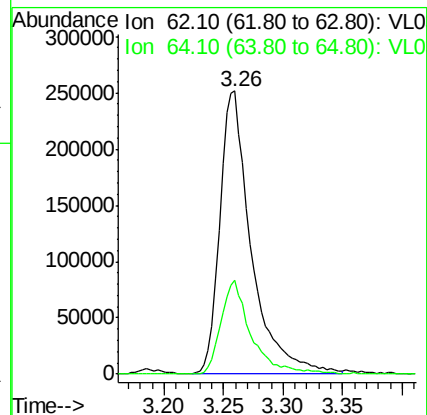
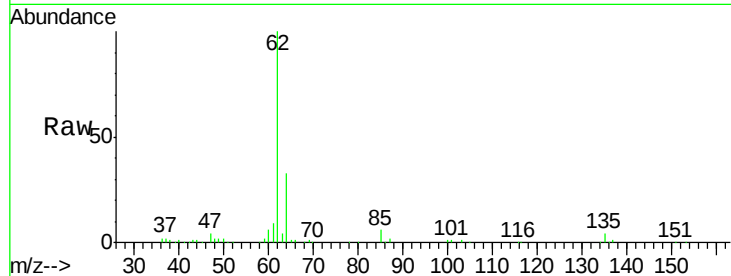
64 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#6

Bromomethane

Concen: 5.986 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038315.D

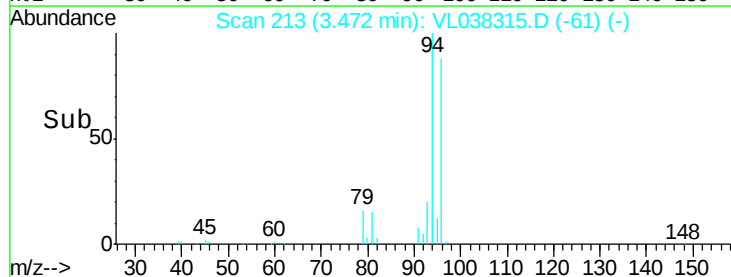
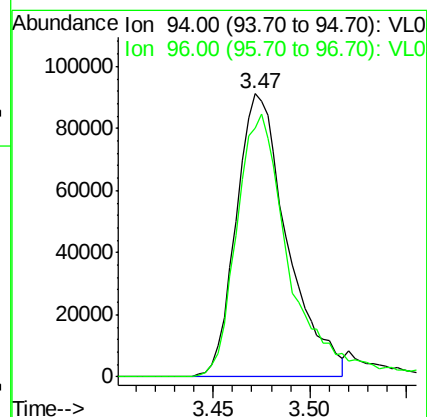
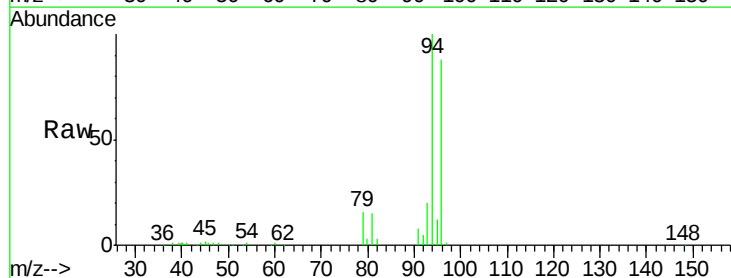
Acq: 28 Jan 2022 9:58

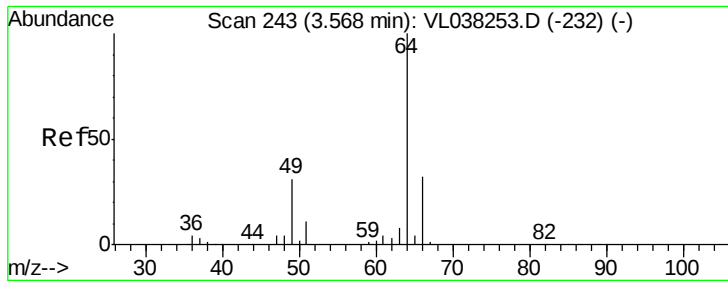
Tgt Ion: 94 Resp: 167311

Ion Ratio Lower Upper

94 100

96 87.6 76.0 114.0





#7

Chloroethane

Concen: 9.185 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 VSTDCCC010EC

Tgt Ion:

Ion Ratio

64 100

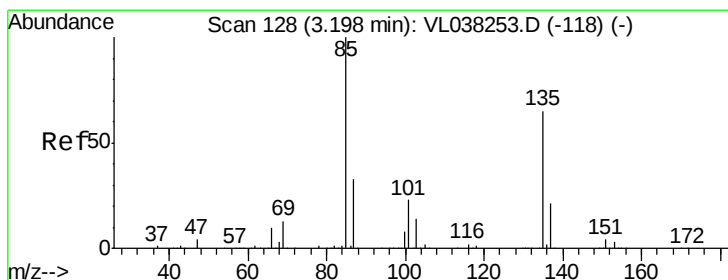
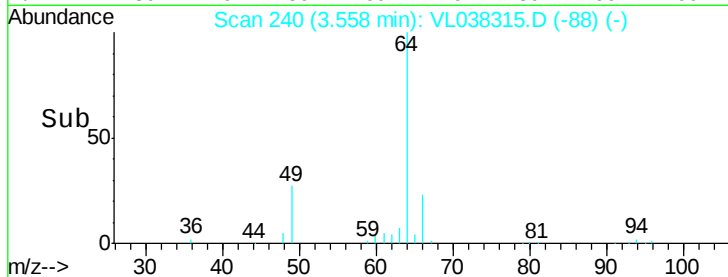
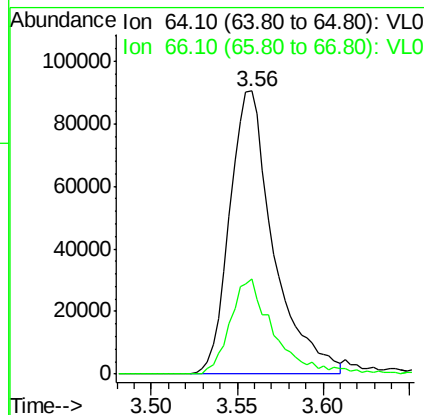
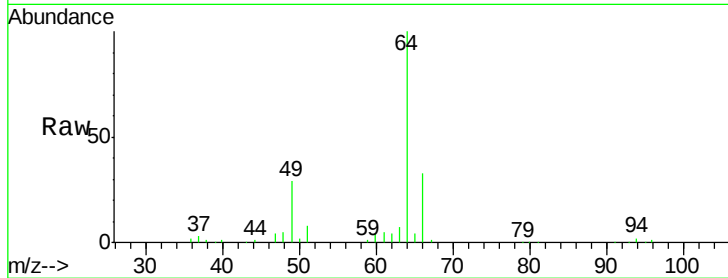
66 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#8

Dichlorotetrafluoroethane

Concen: 8.990 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.01 min

Lab File: VL038315.D

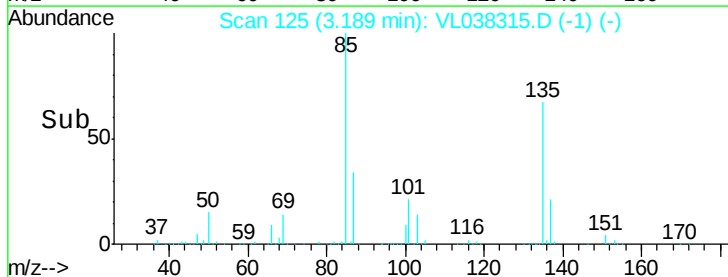
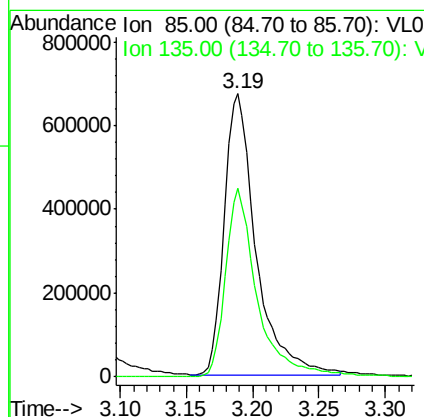
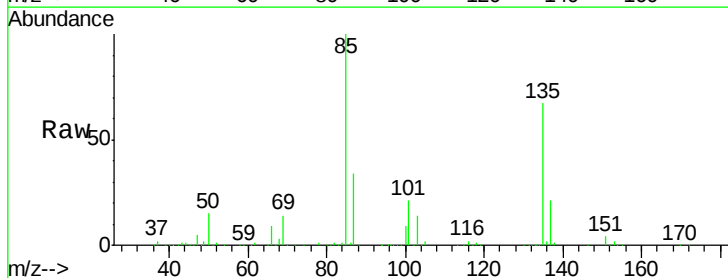
Acq: 28 Jan 2022 9:58

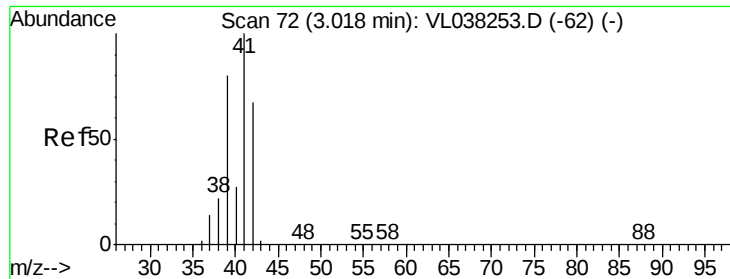
Tgt Ion: 85 Resp: 1119977

Ion Ratio Lower Upper

85 100

135 67.4 53.7 80.5





#9

Propene

Concen: 8.948 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

41 100

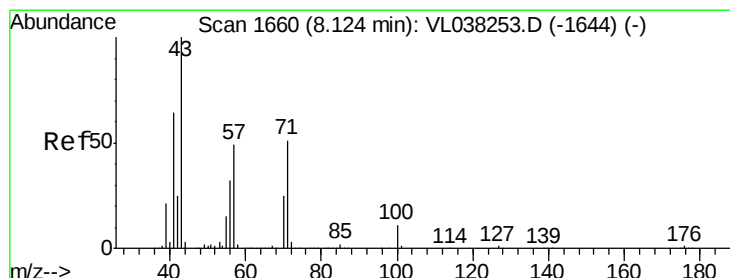
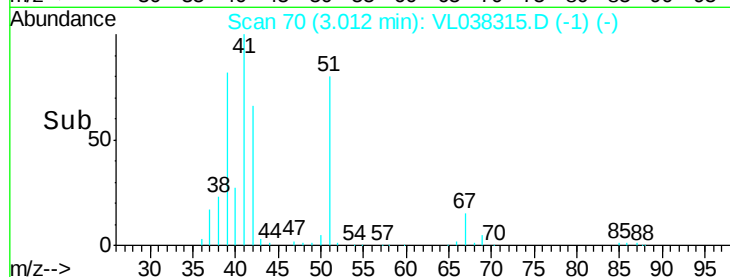
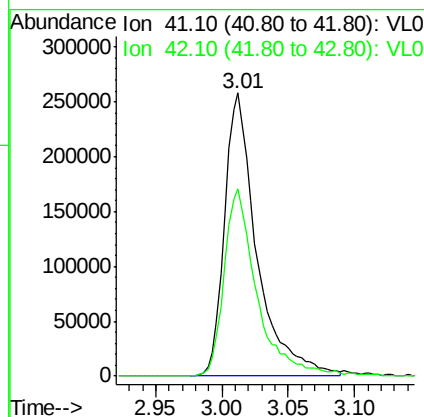
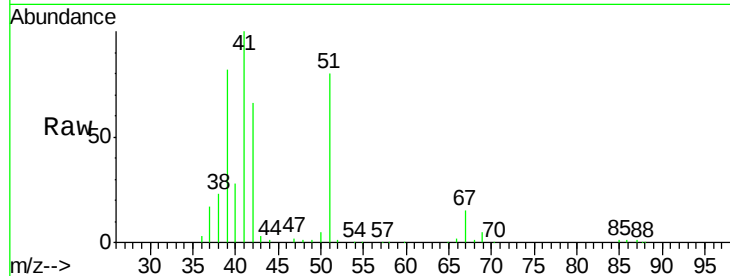
42 67.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#10

Heptane

Concen: 8.939 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VL038315.D

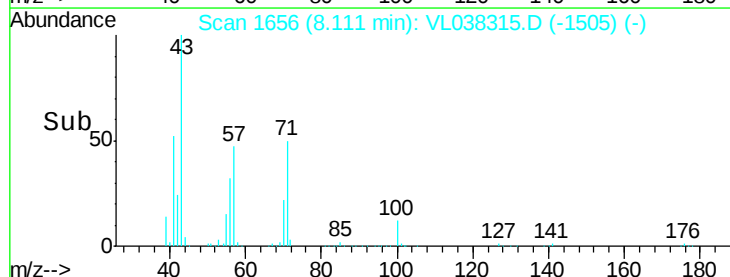
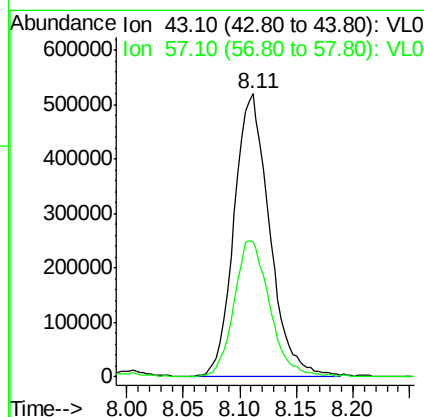
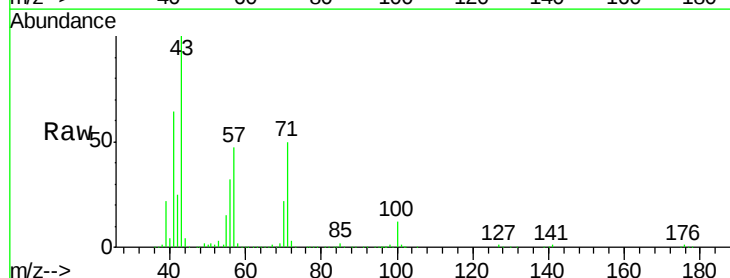
Acq: 28 Jan 2022 9:58

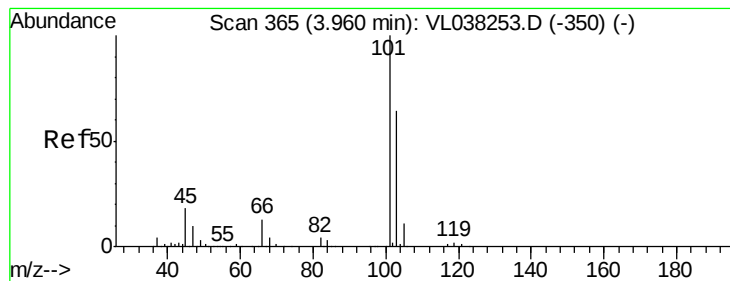
Tgt Ion: 43 Resp: 1127322

Ion Ratio Lower Upper

43 100

57 48.8 39.5 59.3





#11

Trichlorofluoromethane

Concen: 9.269 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:1

Ion Ratio

101 100

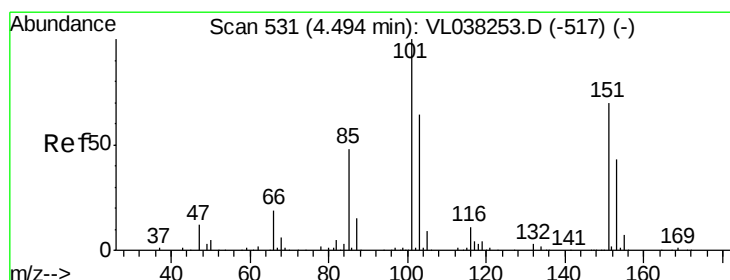
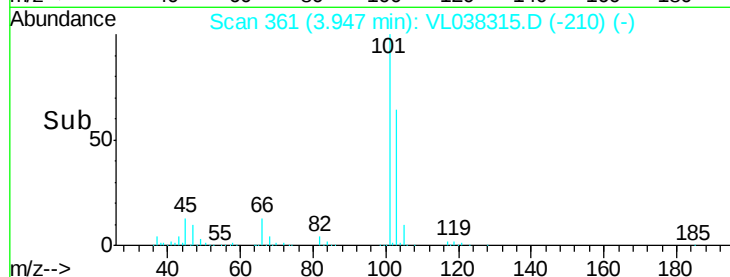
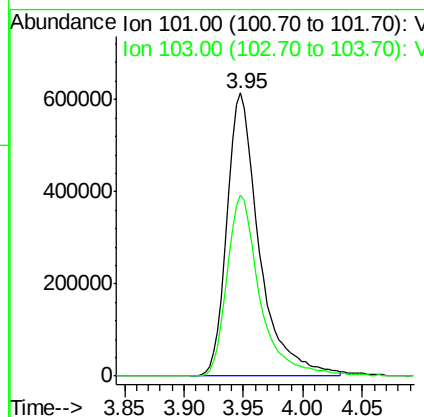
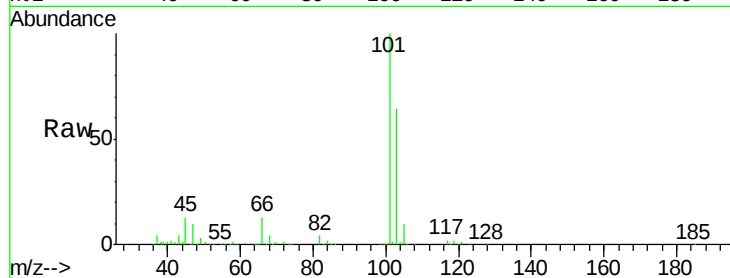
103 63.

Manual Integrations

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Supervised By :Amit Patel 02/02/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.088 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.01 min

Lab File: VL038315.D

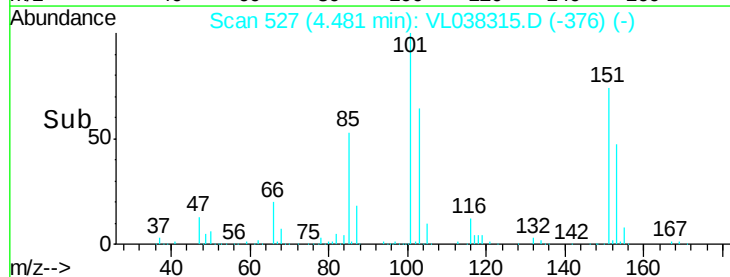
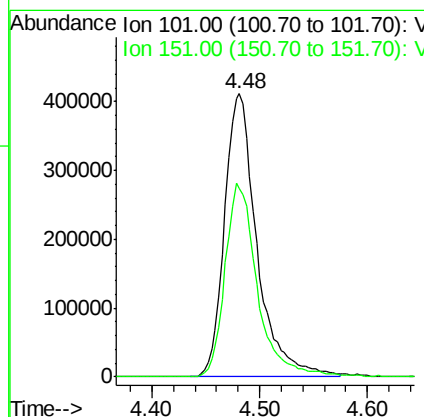
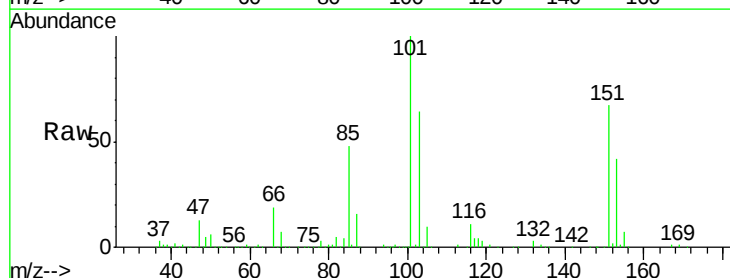
Acq: 28 Jan 2022 9:58

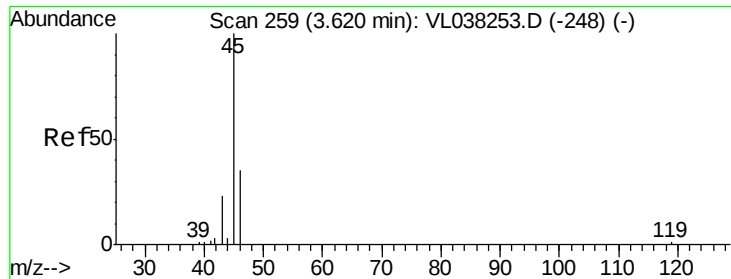
Tgt Ion:101 Resp: 861699

Ion Ratio Lower Upper

101 100

151 68.6 55.3 82.9





#13

Ethanol

Concen: 10.601 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:

Ion Ratio

45 100

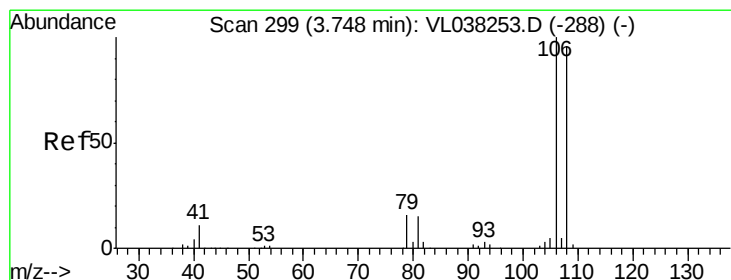
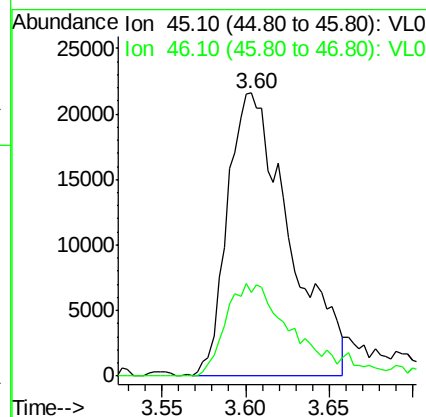
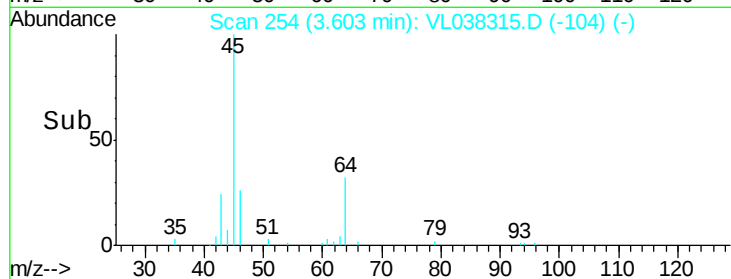
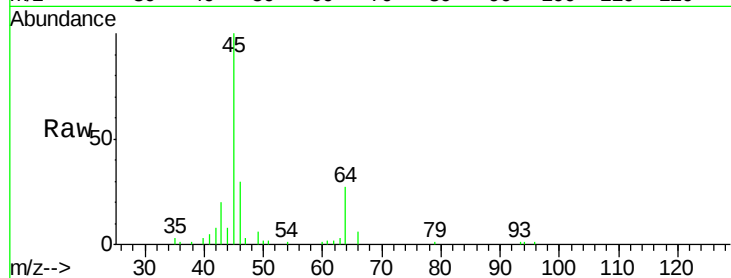
46 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#14

Bromoethene

Concen: 9.135 ppbv

RT: 3.74 min Scan# 296

Delta R.T. -0.01 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

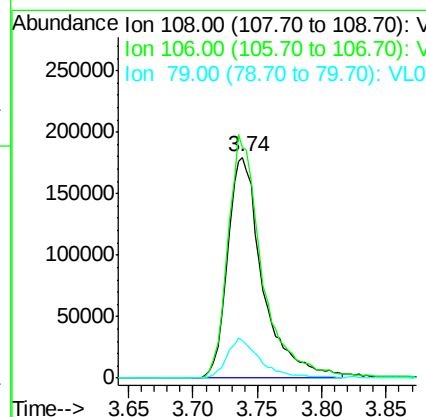
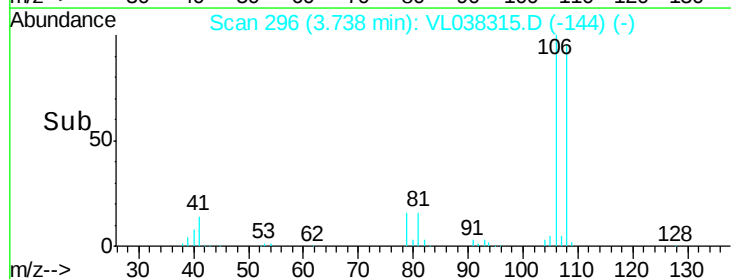
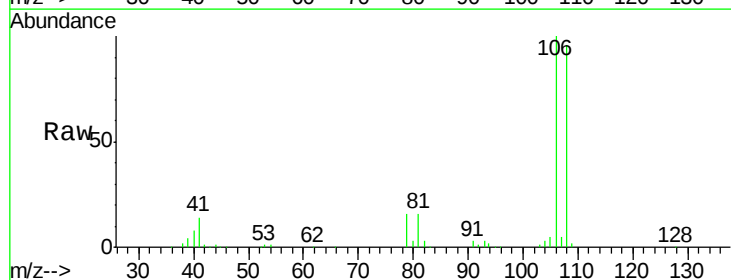
Tgt Ion:108 Resp: 338435

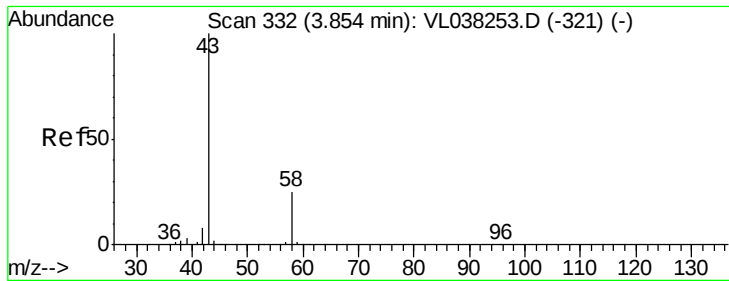
Ion Ratio Lower Upper

108 100

106 109.4 86.4 129.6

79 17.7 14.1 21.1



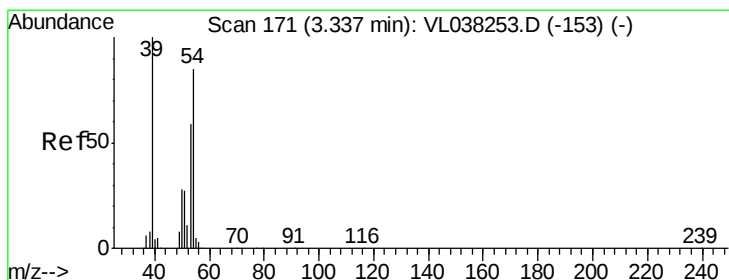
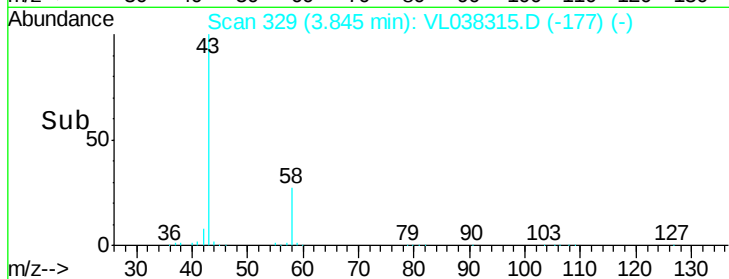
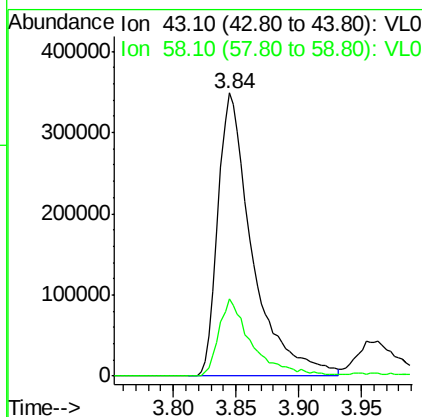
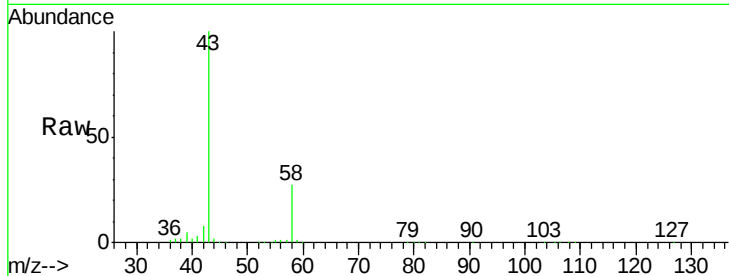


#15
Acetone
Concen: 9.934 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion:
Ion Ratio
43 100
58 26.

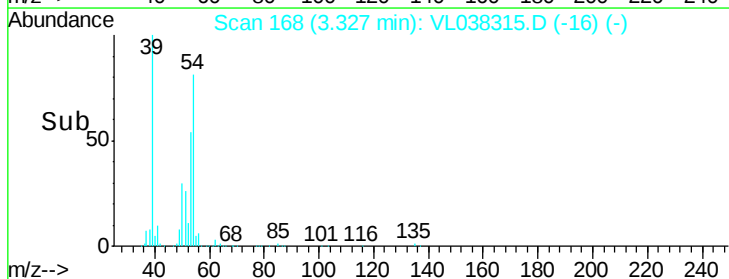
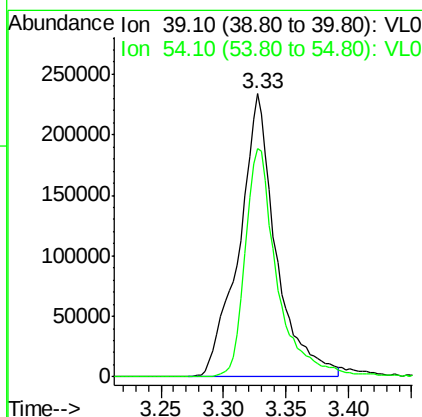
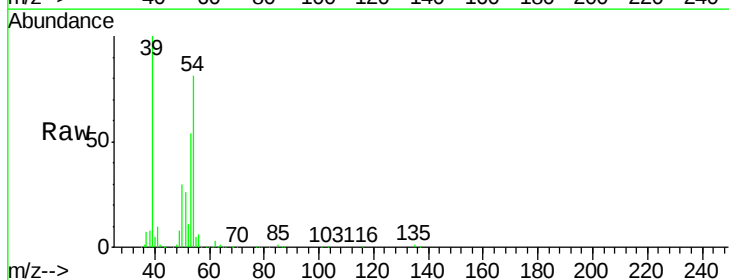
Manual Integrations
APPROVED

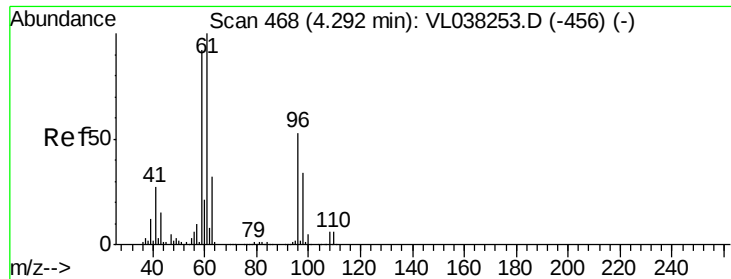
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#16
1,3-Butadiene
Concen: 10.008 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 39 Resp: 478822
Ion Ratio Lower Upper
39 100
54 70.6 62.6 94.0



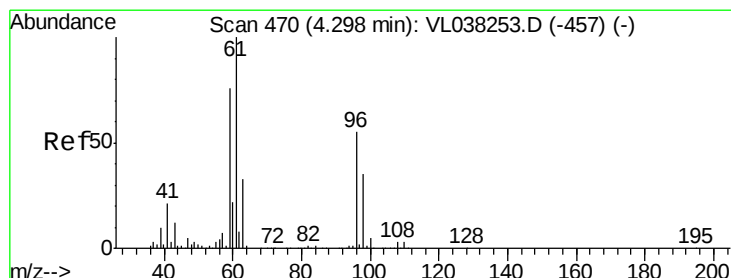
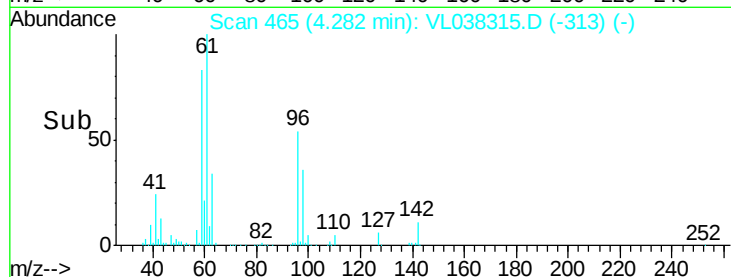
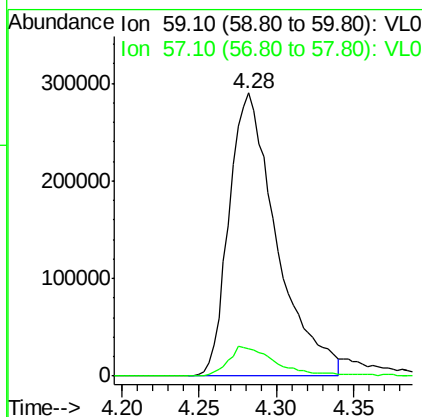
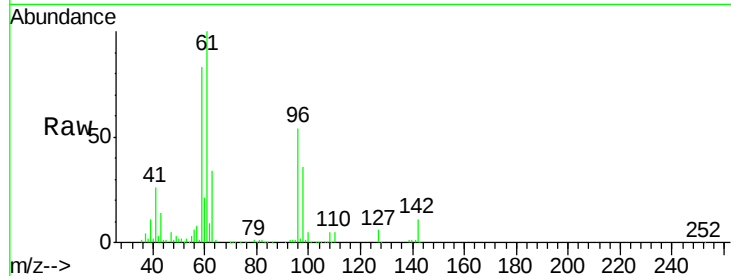


#17
 tert-Butyl alcohol
 Concen: 8.489 ppbv
 RT: 4.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 59 100
 57 11.

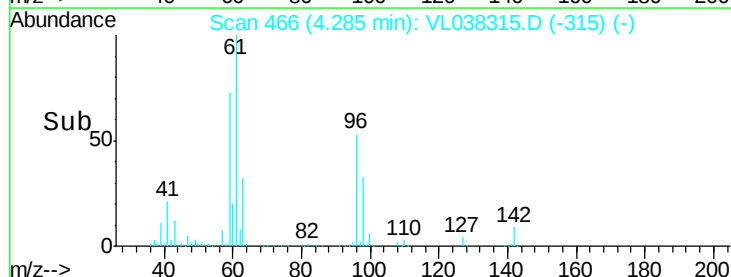
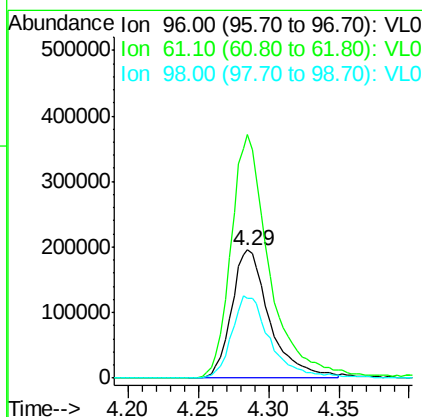
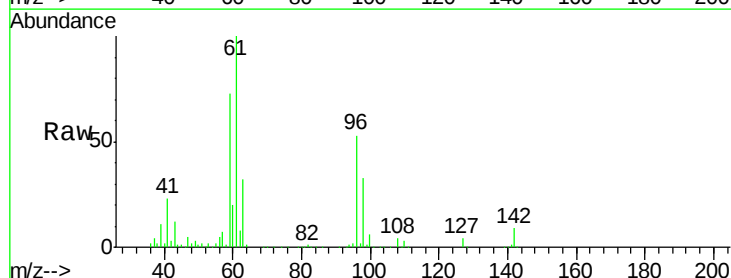
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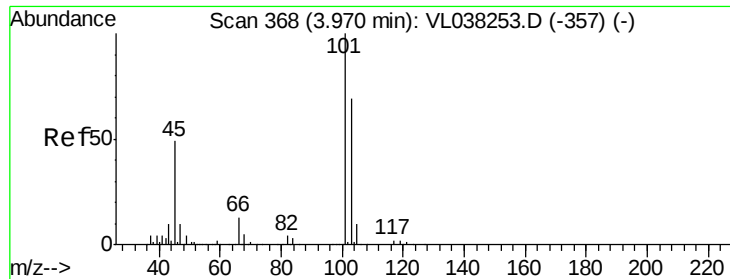
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#18
 1,1-Dichloroethene
 Concen: 8.990 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 96 Resp: 370679
 Ion Ratio Lower Upper
 96 100
 61 189.7 146.5 219.7
 98 62.1 51.9 77.9





#19

Isopropyl Alcohol

Concen: 8.643 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

45 100

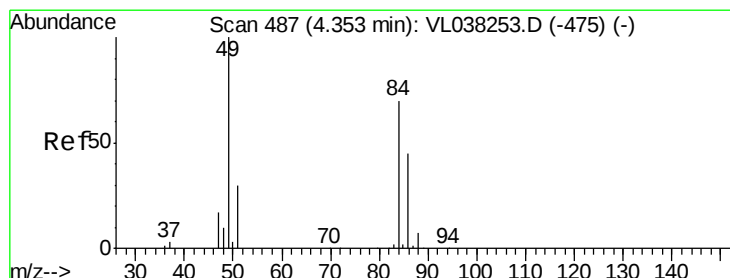
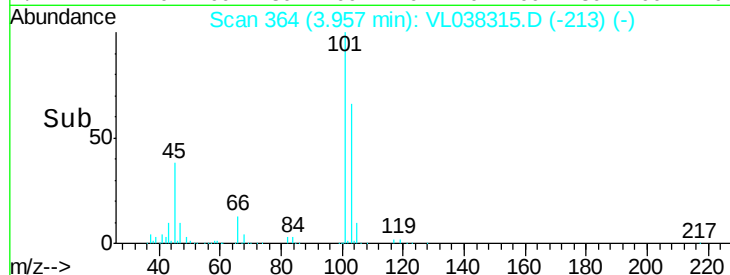
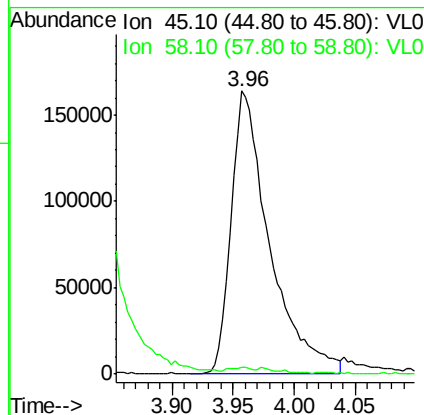
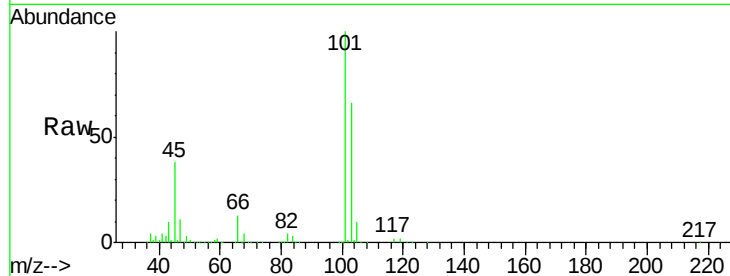
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#20

Methylene Chloride

Concen: 7.925 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

Tgt Ion: 84 Resp: 307300

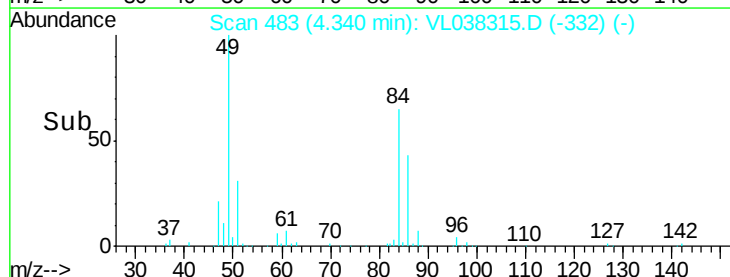
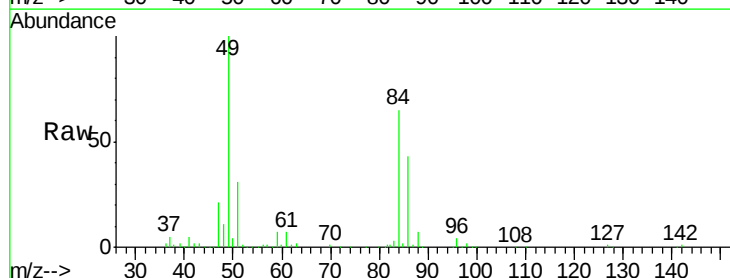
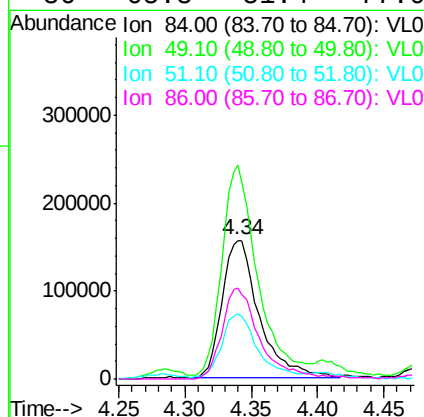
Ion Ratio Lower Upper

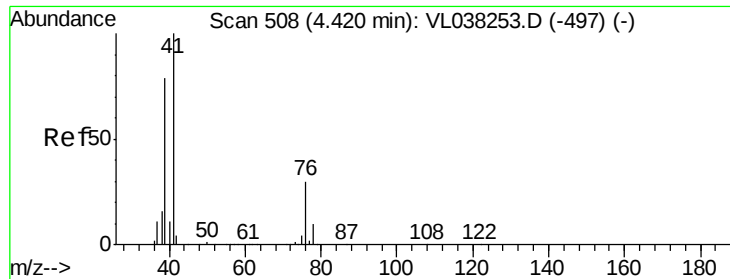
84 100

49 152.3 115.0 172.6

51 46.4 35.0 52.6

86 65.8 51.4 77.0



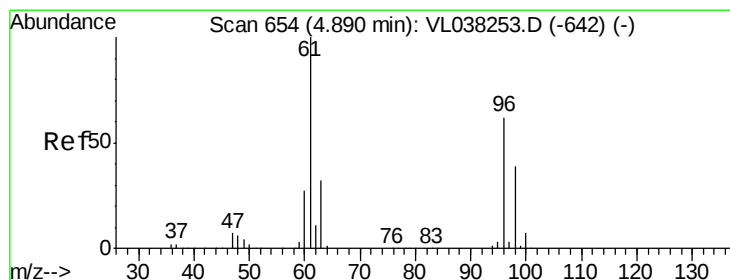
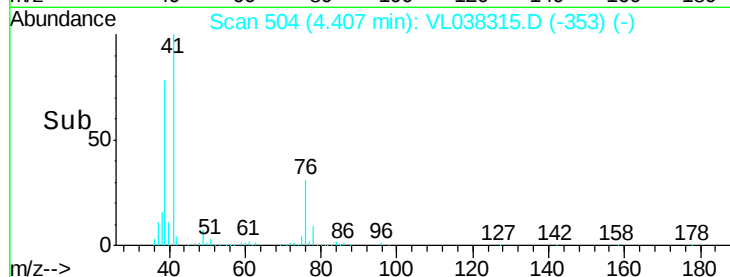
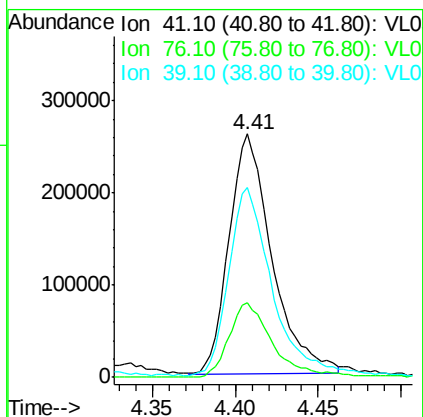
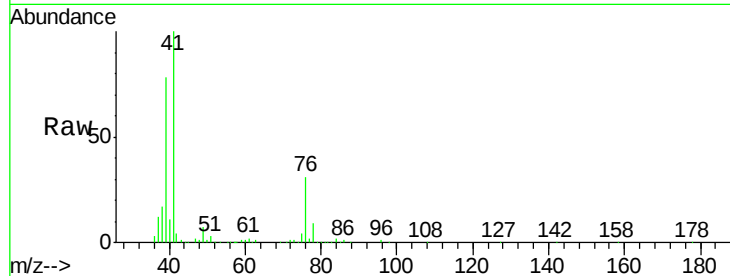


#21
 Allyl Chloride
 Concen: 7.949 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 41 100
 76 32.
 39 80.

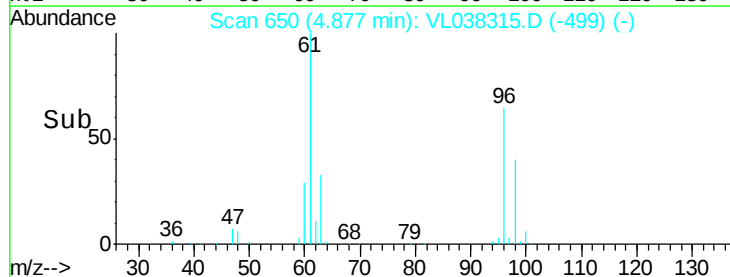
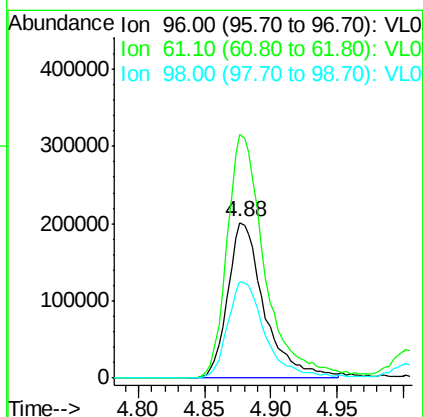
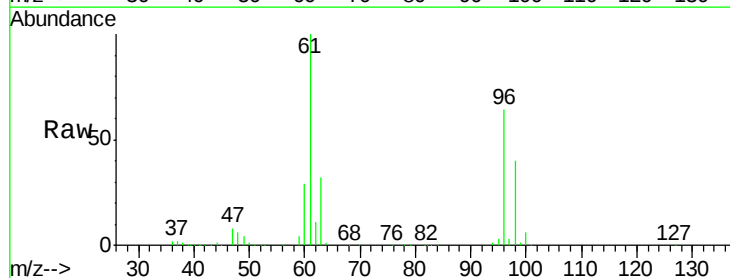
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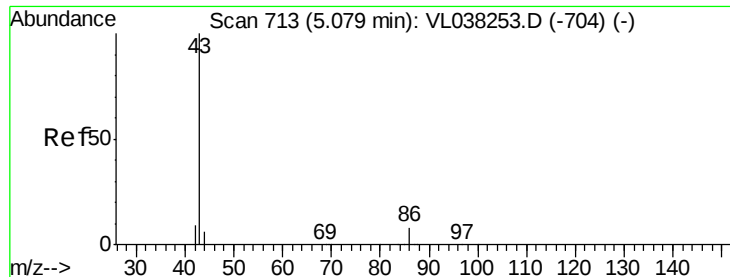
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.072 ppbv
 RT: 4.88 min Scan# 650
 Delta R.T. -0.01 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 96 Resp: 386495
 Ion Ratio Lower Upper
 96 100
 61 156.4 128.8 193.2
 98 62.0 49.8 74.8



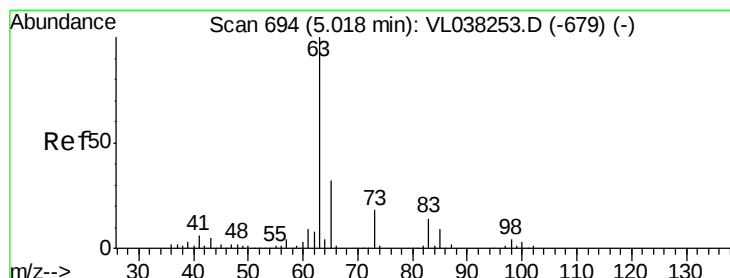
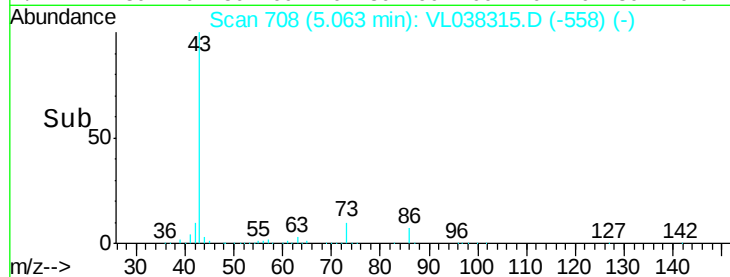
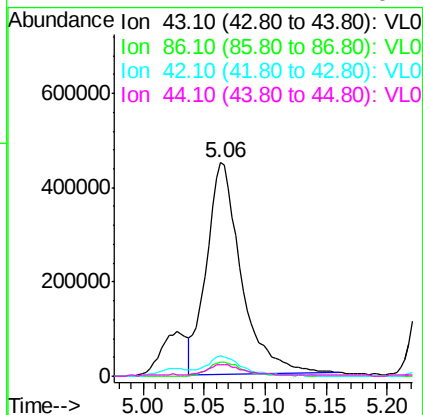
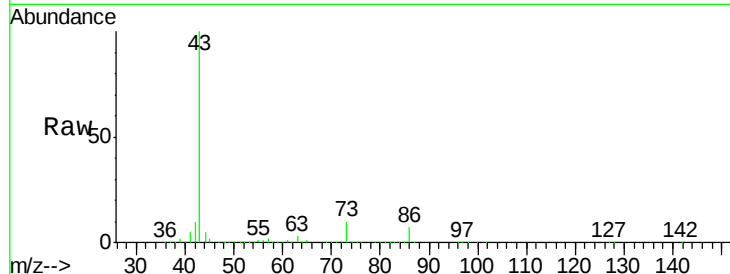


#23
 Vinyl Acetate
 Concen: 9.206 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 4.7 4.2 6.4

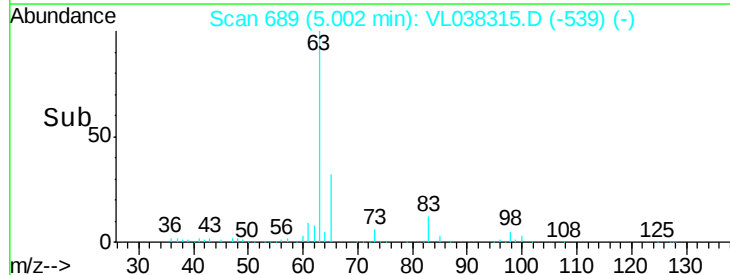
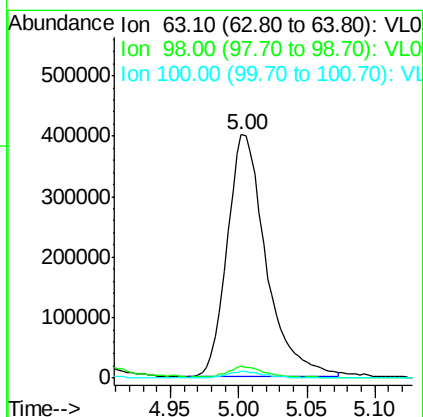
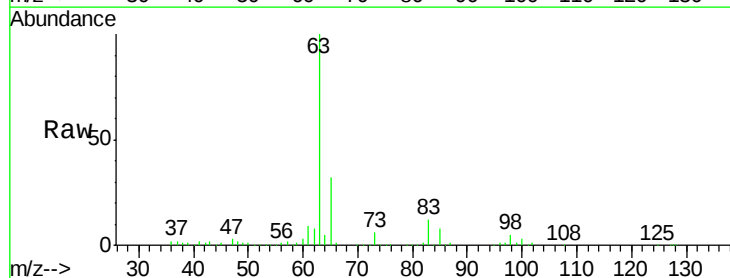
Manual Integrations
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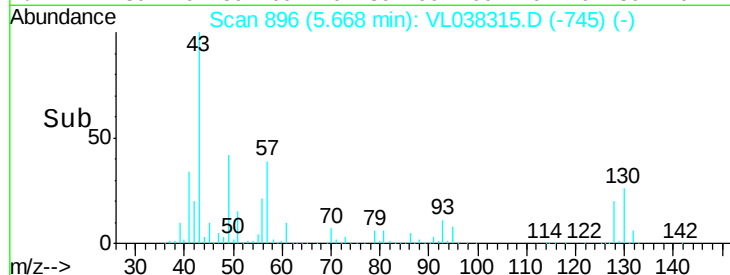
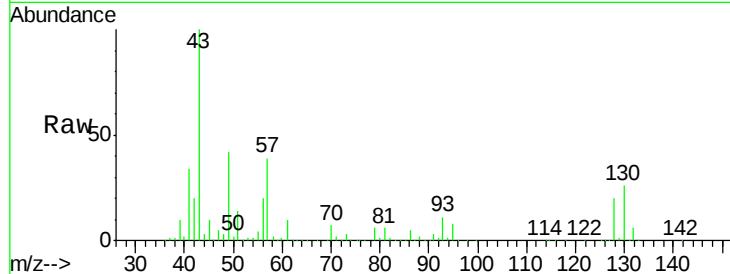
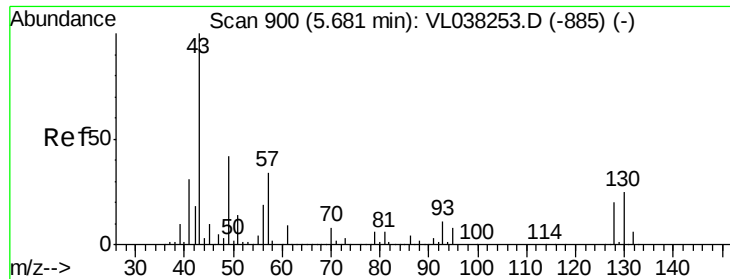
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#24
 1,1-Dichloroethane
 Concen: 9.184 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 63 Resp: 793138
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.3 6.8
 100 2.5 1.3 3.9



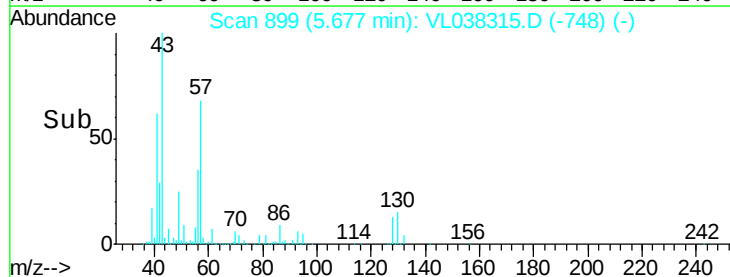
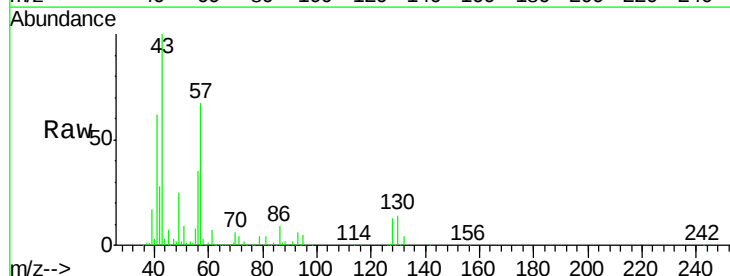
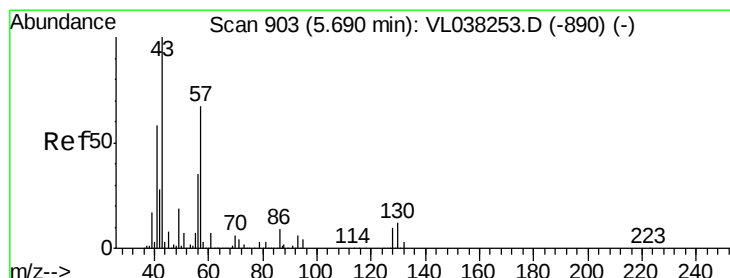
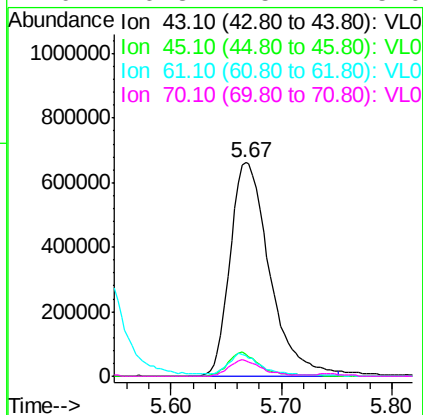


#25
Ethyl Acetate
Concen: 8.767 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 9.
70 6.3 5.4 8.0

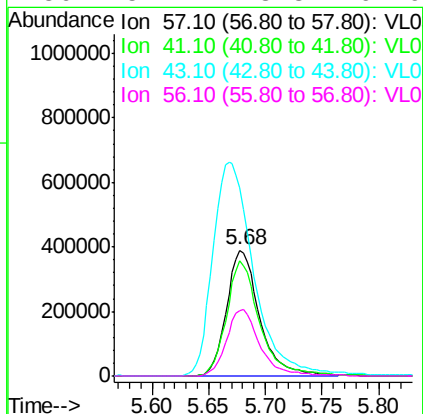
Manual Integrations
APPROVED

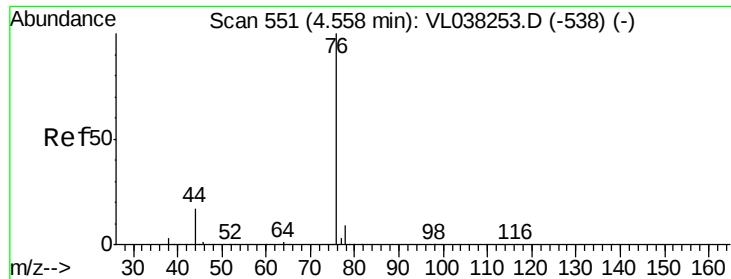
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#26
Hexane
Concen: 9.131 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 57 Resp: 792818
Ion Ratio Lower Upper
57 100
41 92.8 72.8 109.2
43 210.3 177.0 265.6
56 54.1 43.3 64.9



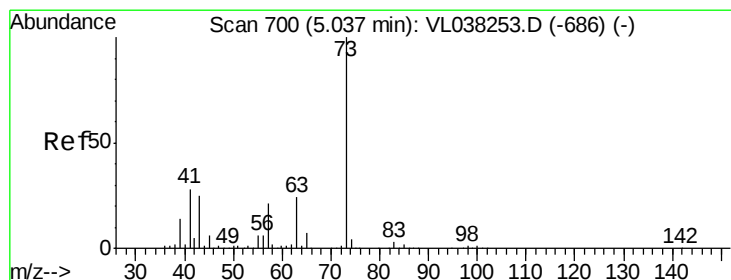
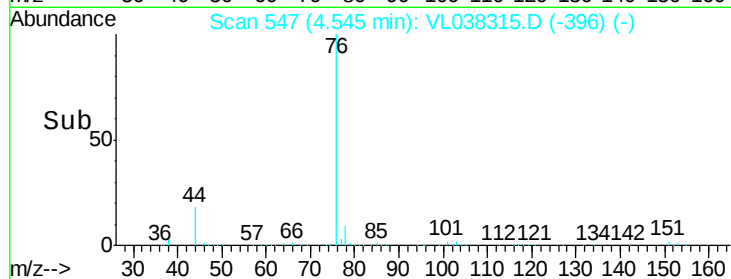
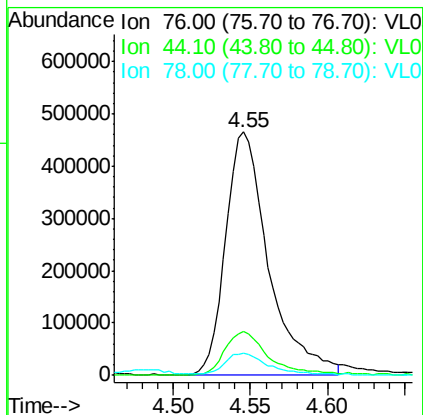
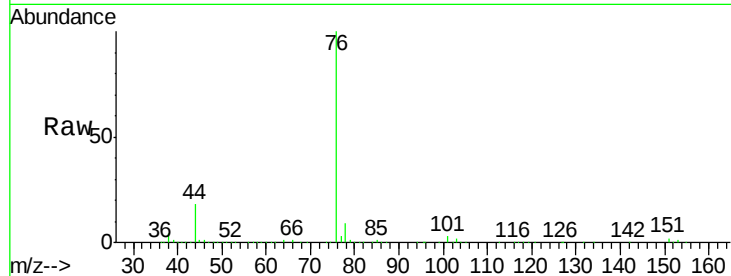


#27
Carbon Disulfide
Concen: 8.771 ppbv
RT: 4.55
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Jan 2022 9:58
VSTDCCC010EC

Tgt Ion:
Ion Ratio
76 100
44 18.
78 9.

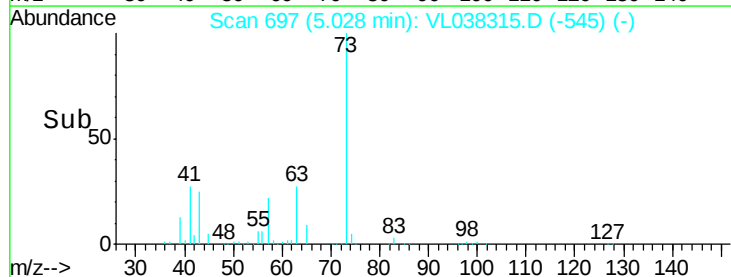
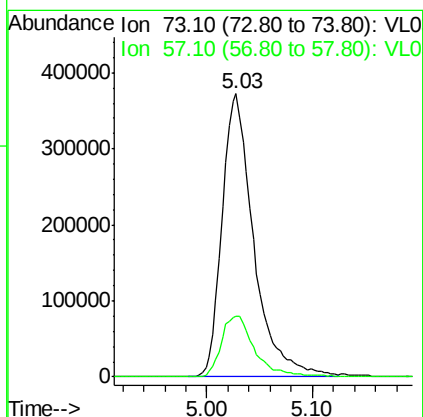
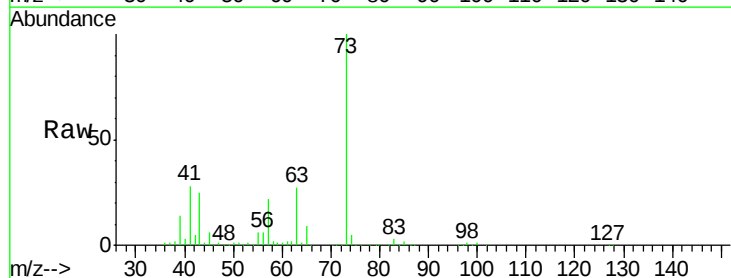
Manual Integrations
APPROVED

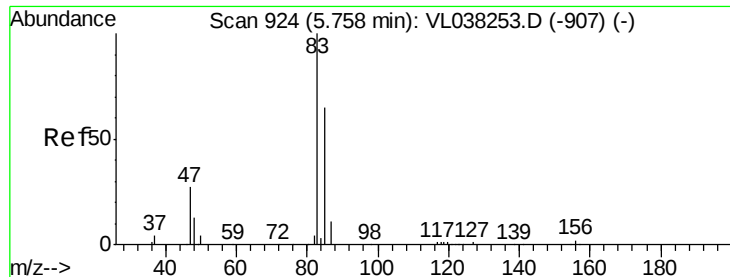
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#28
Methyl tert-Butyl Ether
Concen: 8.625 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 73 Resp: 776874
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



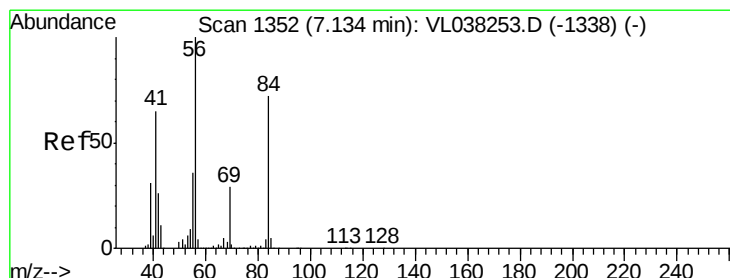
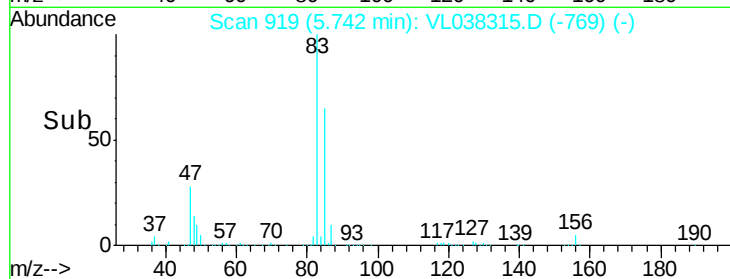
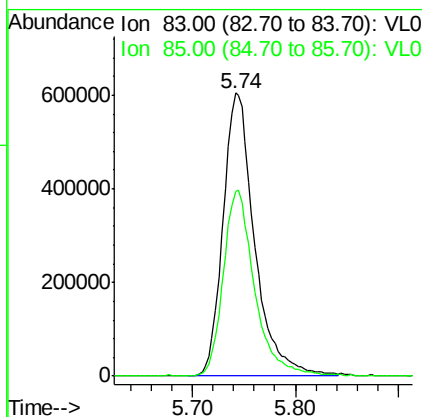
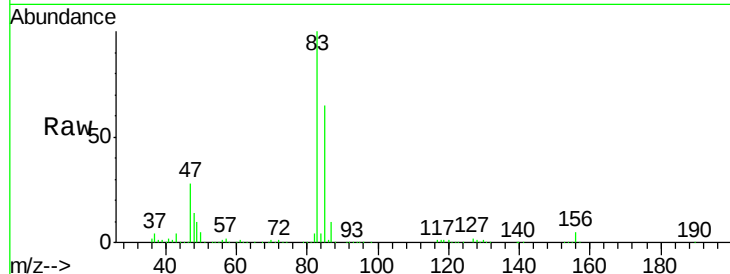


#29
Chloroform
Concen: 9.119 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Jan 2022 9:58

Tgt Ion:
Ion Ratio
83 100
85 64.

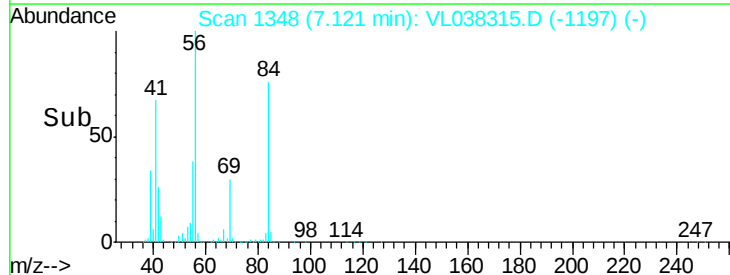
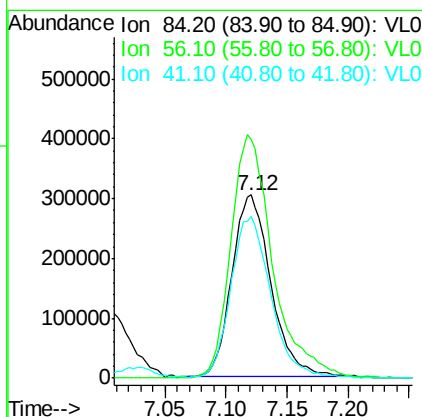
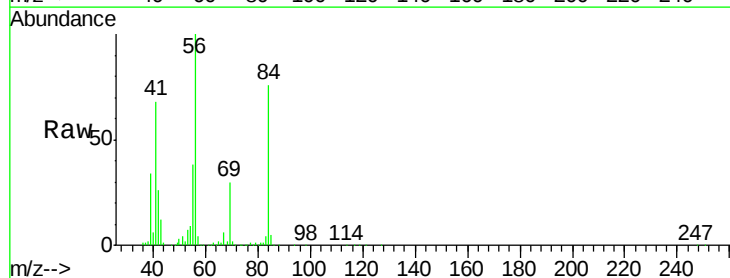
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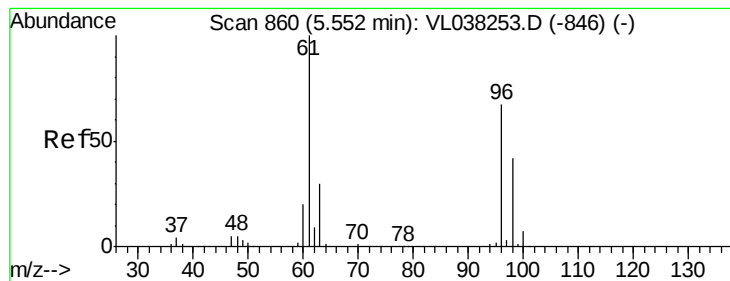
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#30
Cyclohexane
Concen: 8.911 ppbv
RT: 7.12 min Scan# 1348
Delta R.T.: -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 84 Resp: 673699
Ion Ratio Lower Upper
84 100
56 145.0 112.7 169.1
41 90.9 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 8.887 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:

Ion Ratio

61 100

96 65.

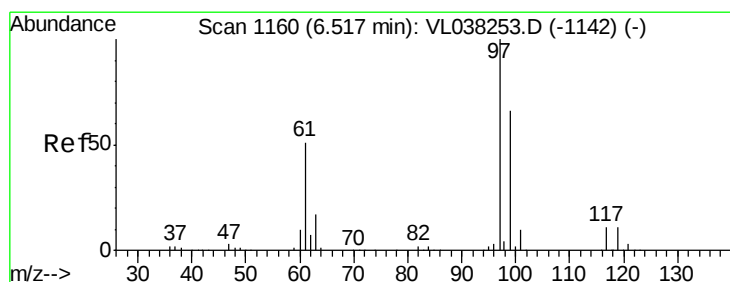
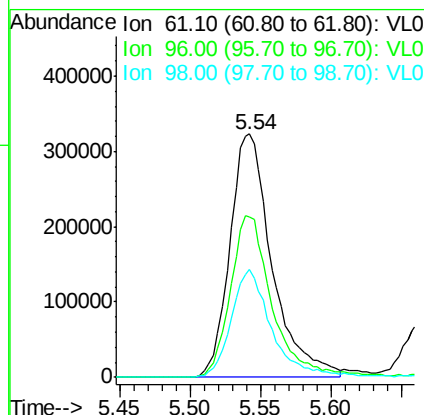
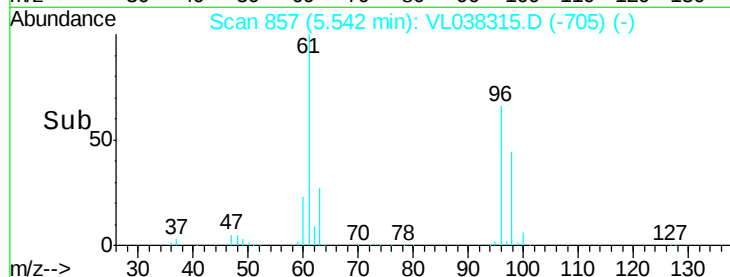
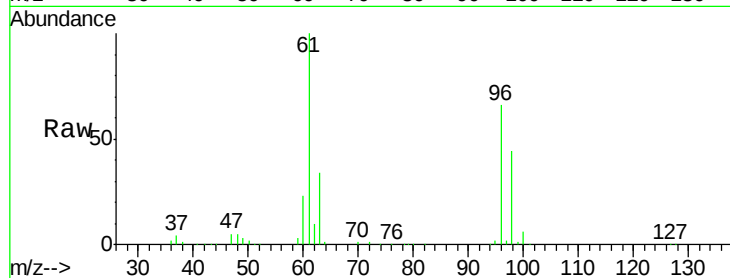
98 44.

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APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#32

1,1,1-Trichloroethane

Concen: 9.125 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.02 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

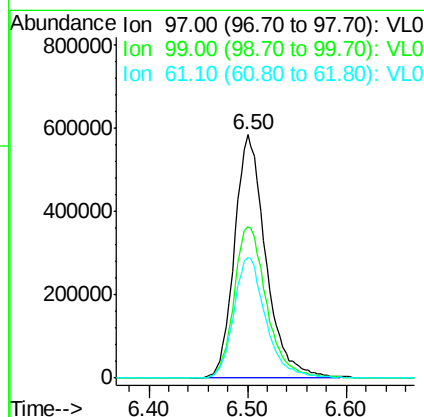
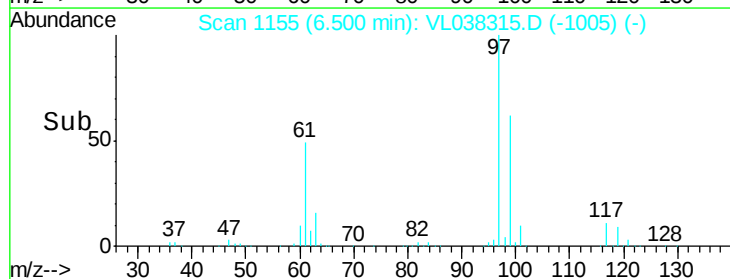
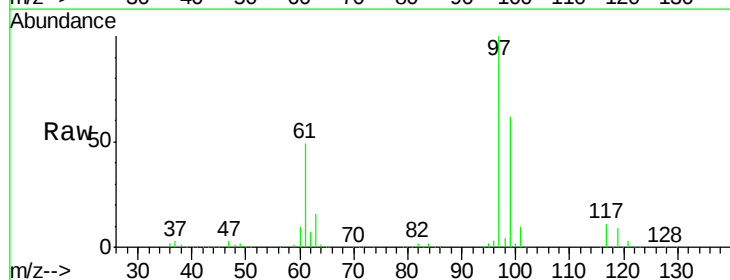
Tgt Ion: 97 Resp: 1291725

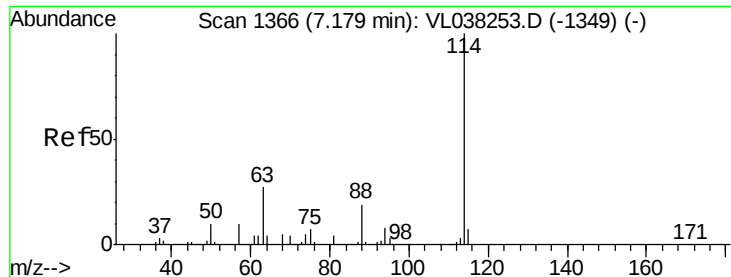
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 50.9 40.5 60.7



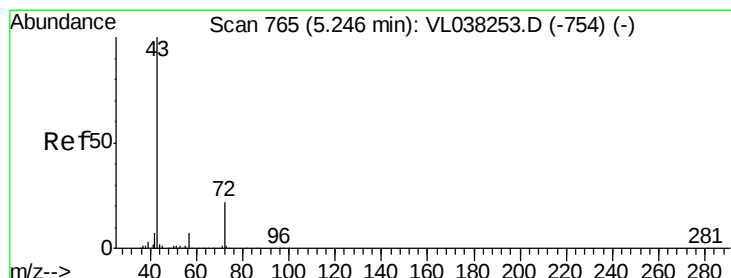
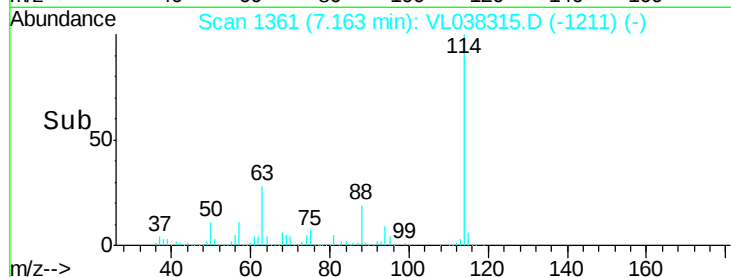
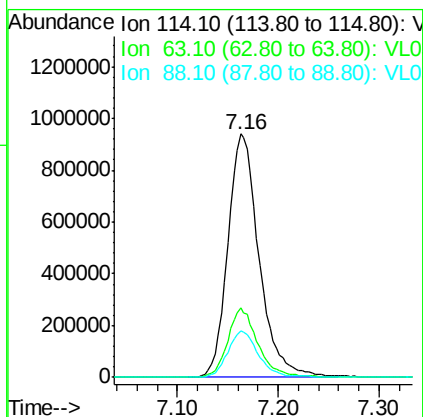
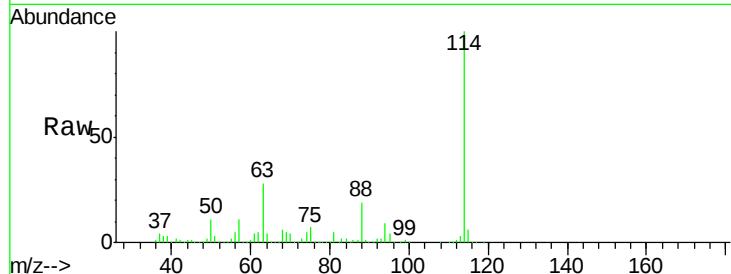


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion: 114
 Ion Ratio: 100
 63 27.1
 88 19.1

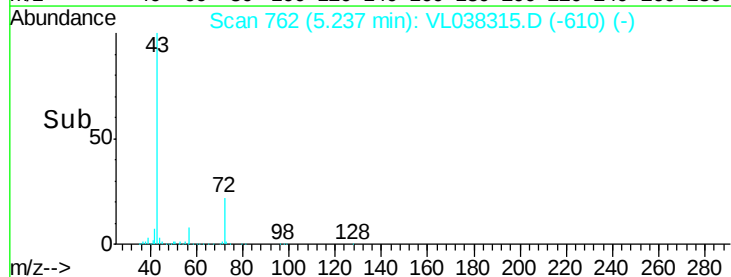
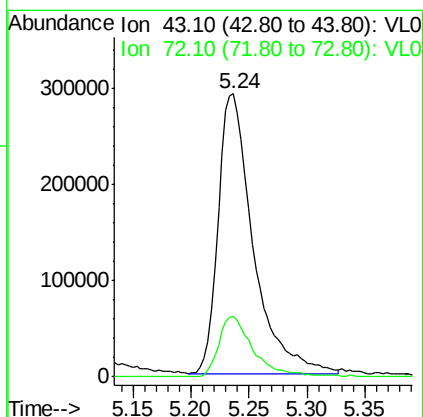
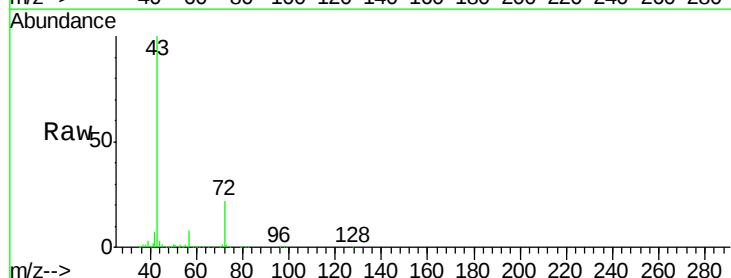
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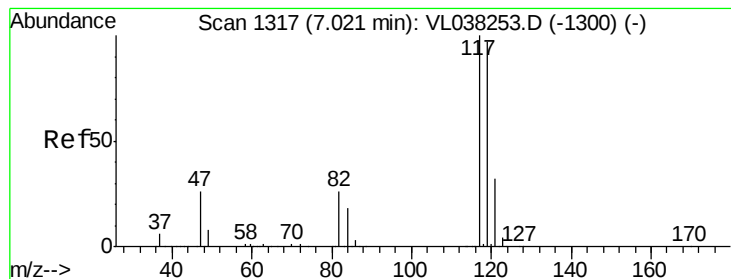
Reviewed By : Semsettin Yesilyurt 01/29/2022
 Supervised By : Amit Patel 02/02/2022



#34
 2-Butanone
 Concen: 9.172 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 43 Resp: 609063
 Ion Ratio Lower Upper
 43 100
 72 21.8 18.1 27.1





#35

Carbon Tetrachloride

Concen: 9.209 ppbv

RT: 7.01

Delta R.T. MSVOA_L

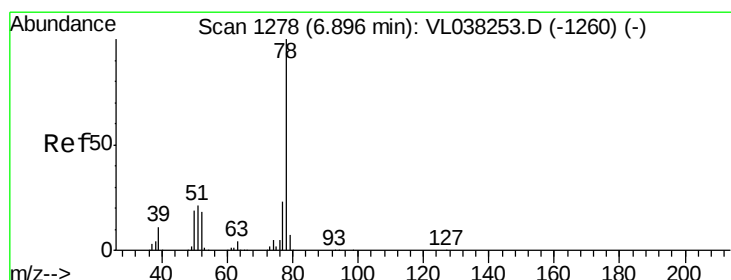
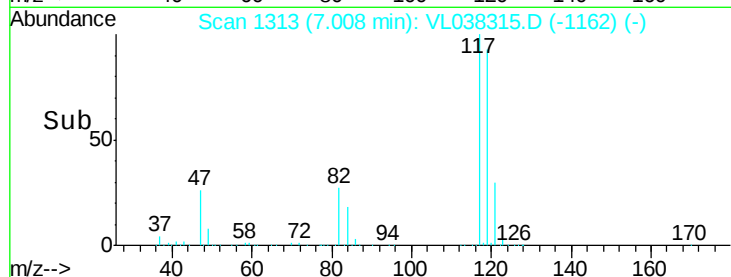
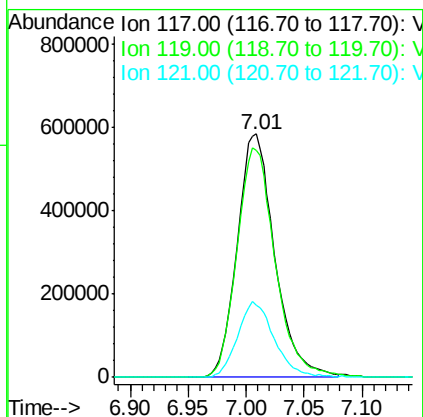
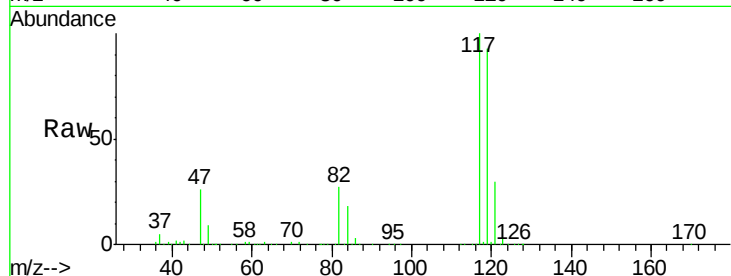
Lab File: ClientSampleId :

Acq: 28 Jan 2022 9:58

Tgt Ion: 117
Ion Ratio: 100
117 100
119 93
121 29

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#36

Benzene

Concen: 9.285 ppbv

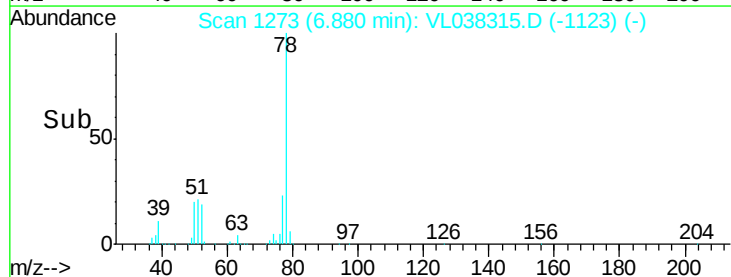
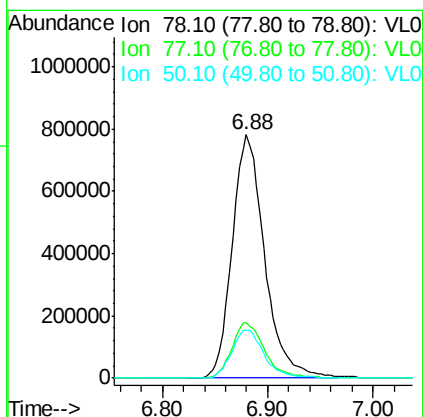
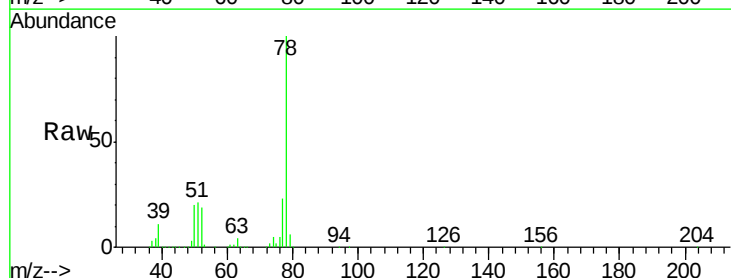
RT: 6.88 min Scan# 1273

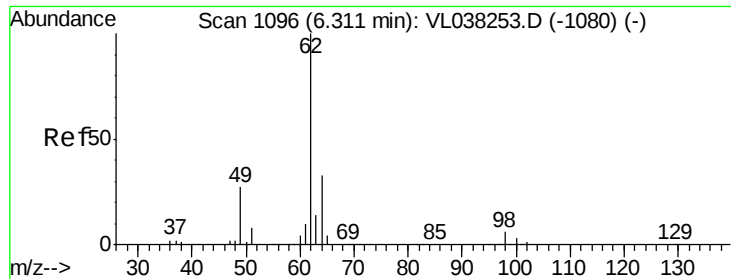
Delta R.T. -0.02 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

Tgt Ion: 78 Resp: 1667752
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.2
50 19.6 15.1 22.7



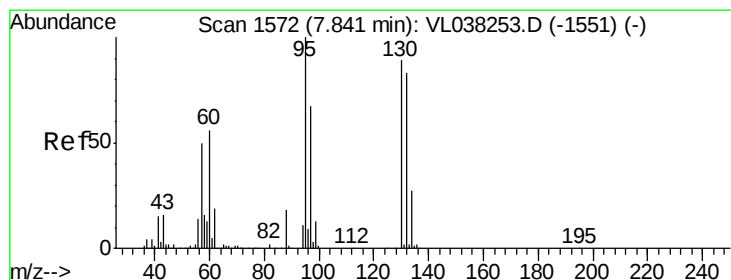
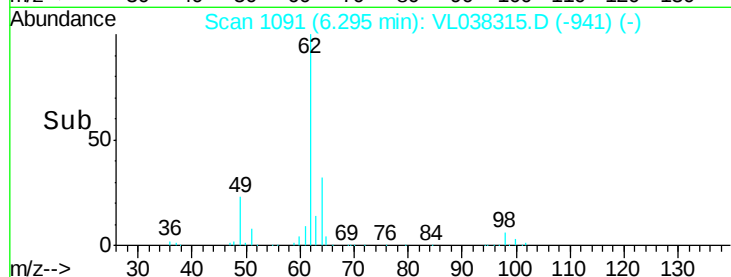
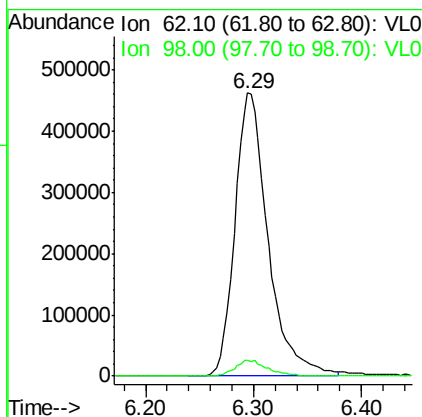
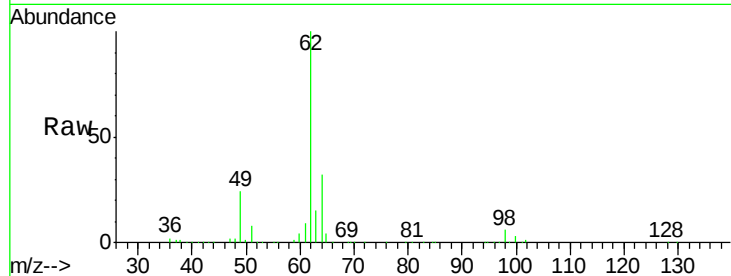


#37
 1,2-Dichloroethane
 Concen: 9.612 ppbv
 RT: 6.29
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 62 100
 98 5.

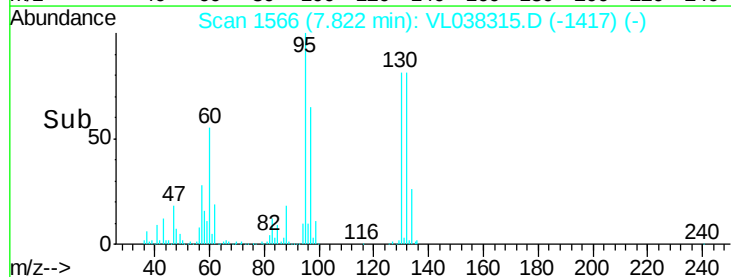
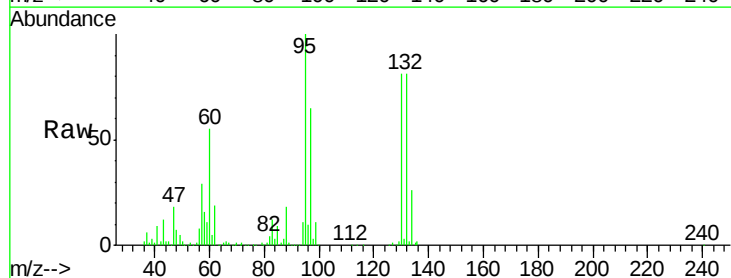
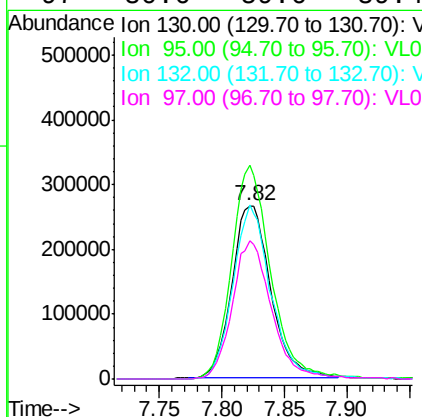
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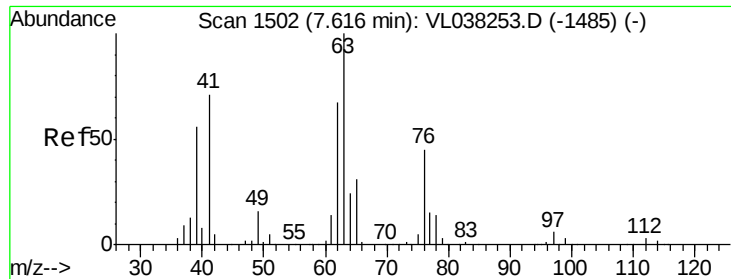
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#38
 Trichloroethene
 Concen: 8.628 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T.: -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion:130 Resp: 577273
 Ion Ratio Lower Upper
 130 100
 95 124.1 89.4 134.2
 132 100.8 74.6 111.8
 97 80.6 59.6 89.4



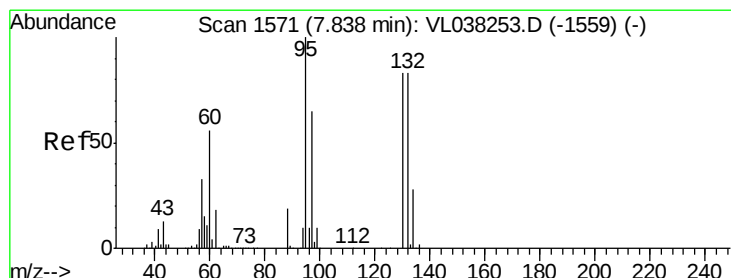
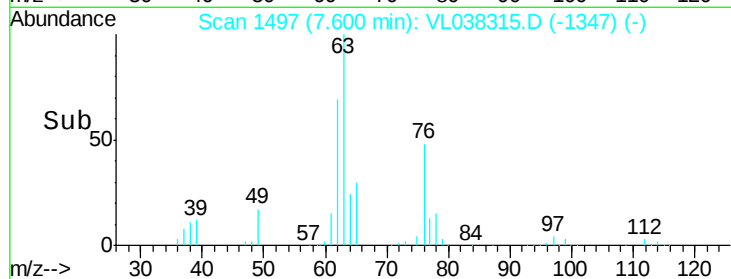
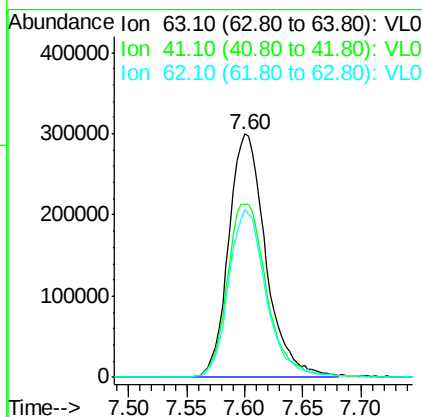
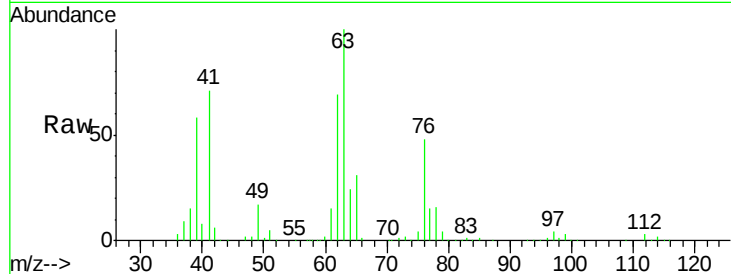


#39
 1,2-Dichloropropane
 Concen: 9.126 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:
 Ion Ratio
 63 100
 41 71.
 62 68.

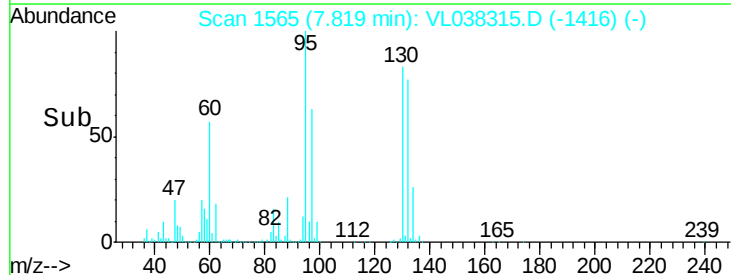
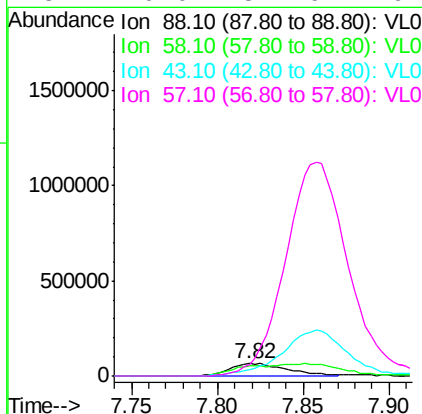
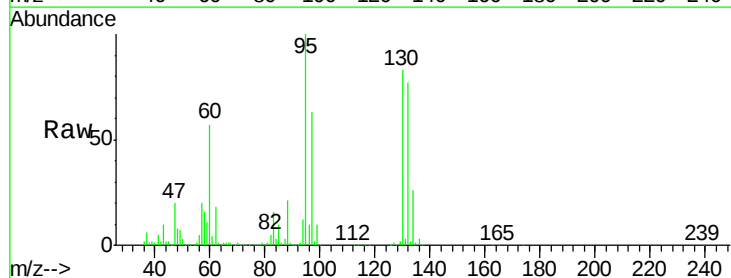
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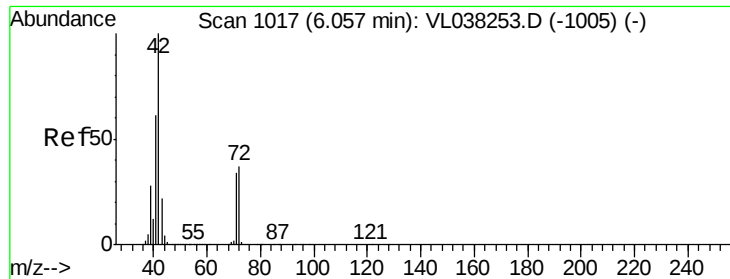
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#40
 1,4-Dioxane
 Concen: 8.564 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 88 Resp: 150101
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#



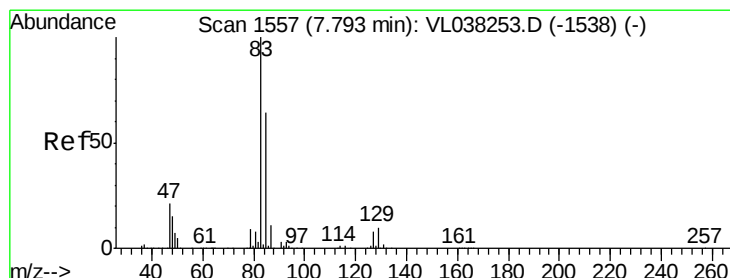
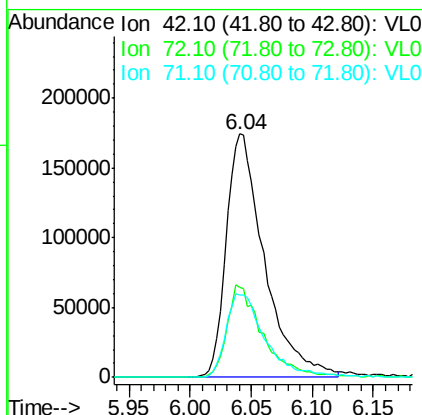
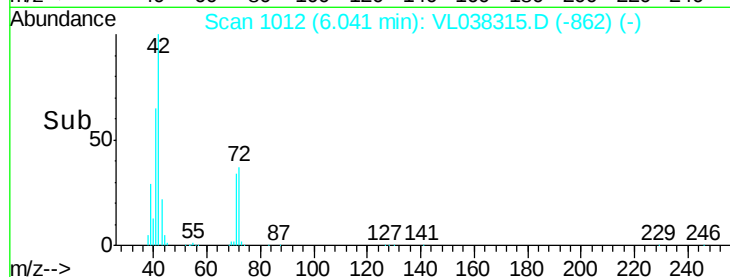
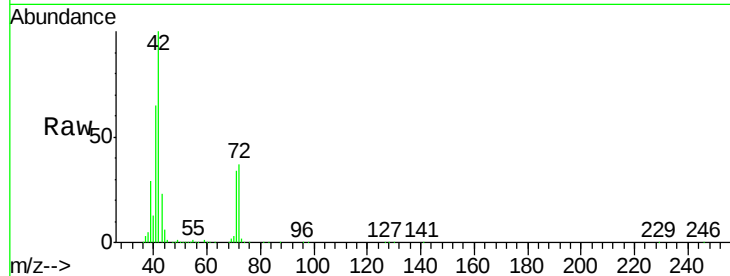


#41
Tetrahydrofuran
Concen: 8.495 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

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

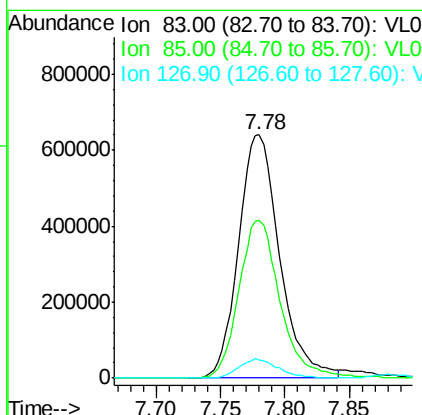
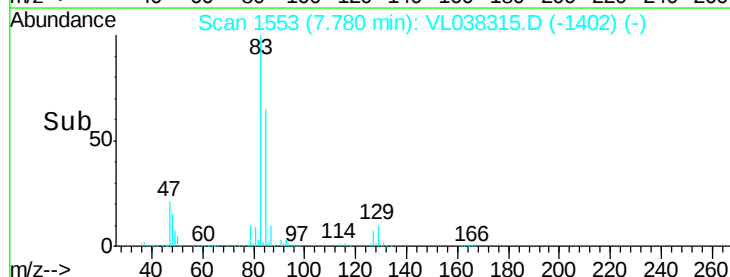
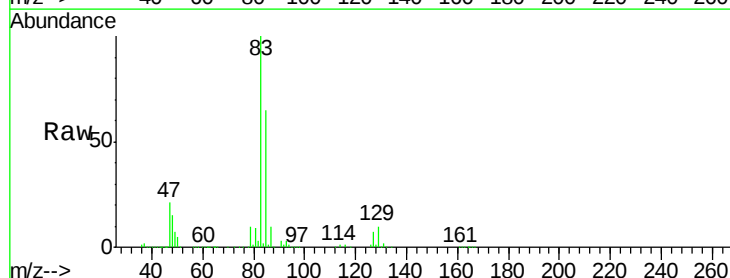
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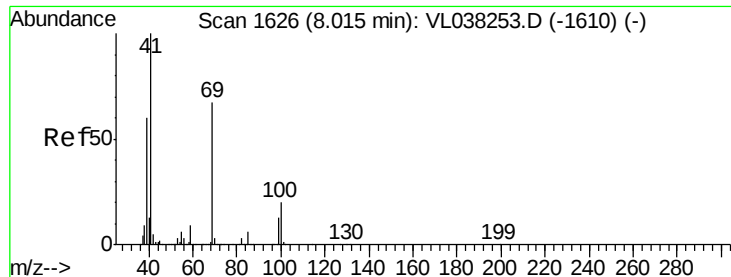
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#42
Bromodichloromethane
Concen: 9.330 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 83 Resp: 1424132
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3
127 7.3 6.2 9.4



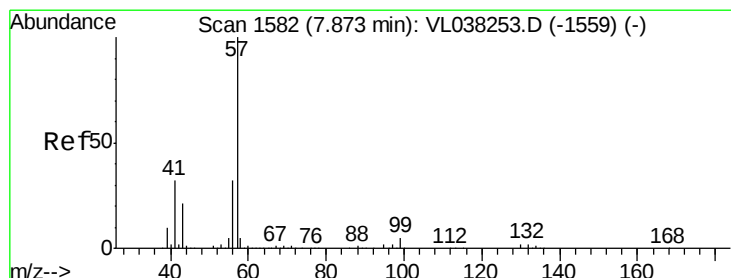
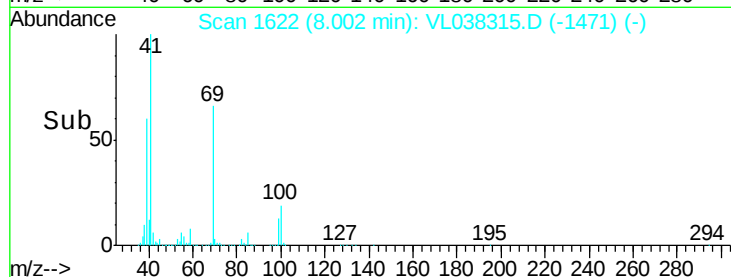
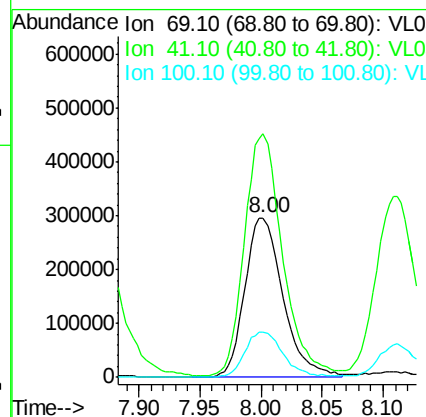
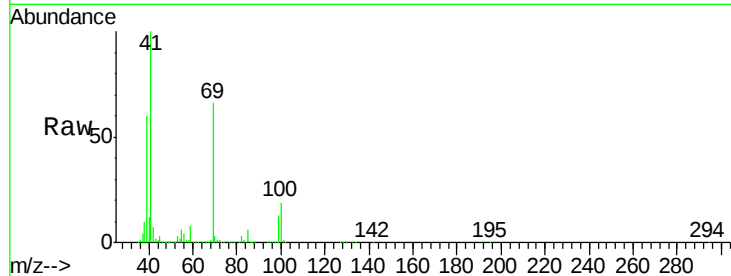


#43
Methyl Methacrylate
Concen: 10.093 ppbv
RT: 8.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion:
Ion Ratio
69 100
41 153.
100 28.

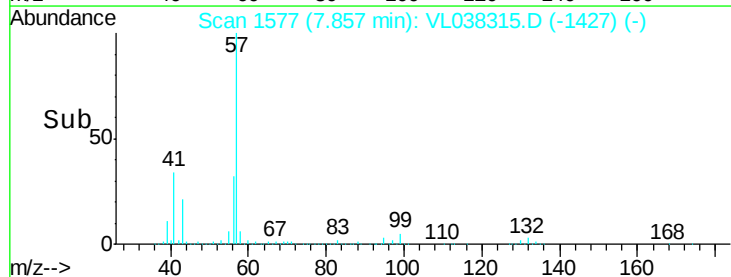
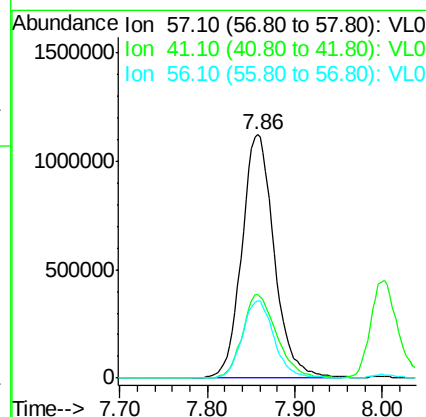
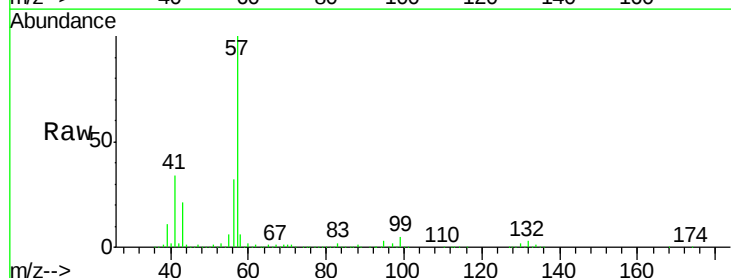
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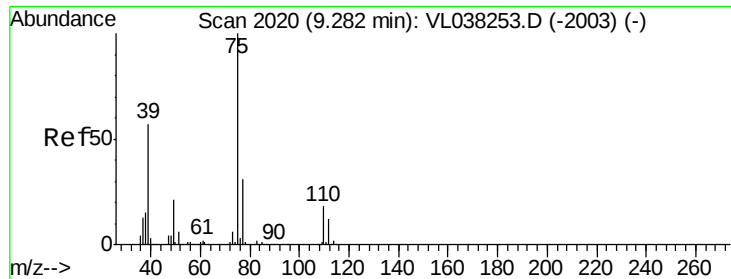
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#44
2,2,4-Trimethylpentane
Concen: 9.131 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.02 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 57 Resp: 2890428
Ion Ratio Lower Upper
57 100
41 35.9 26.3 39.5
56 31.3 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 3.917 ppbv

RT: 9.26

Instrument : MSVOA_L

Delta R.T. :

Lab File: ClientSampleId :

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

75 100

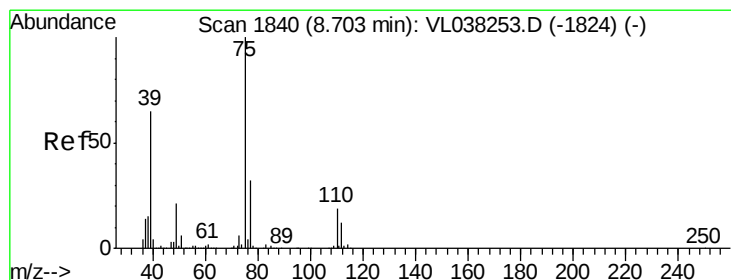
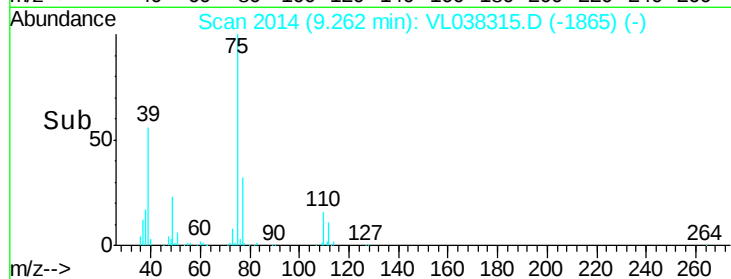
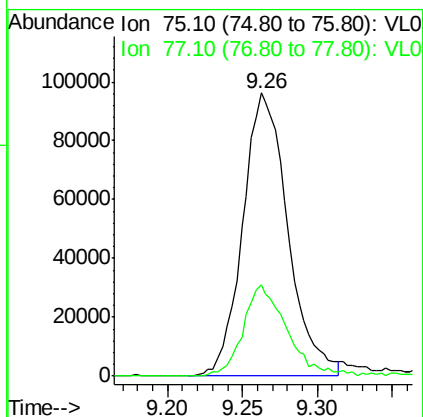
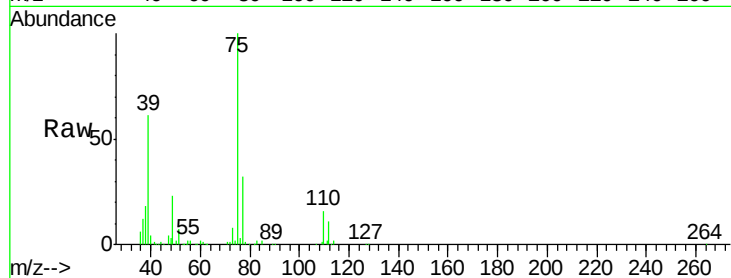
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#46

cis-1,3-Dichloropropene

Concen: 5.099 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

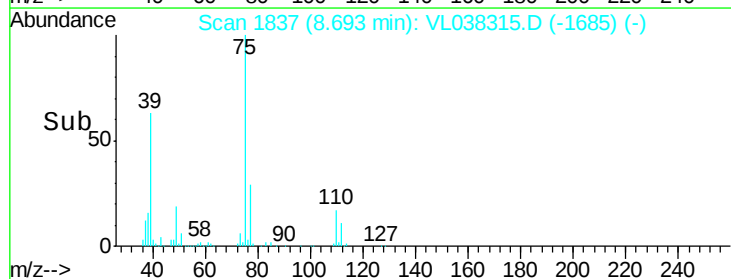
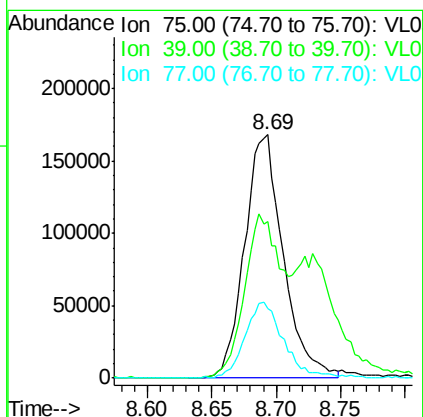
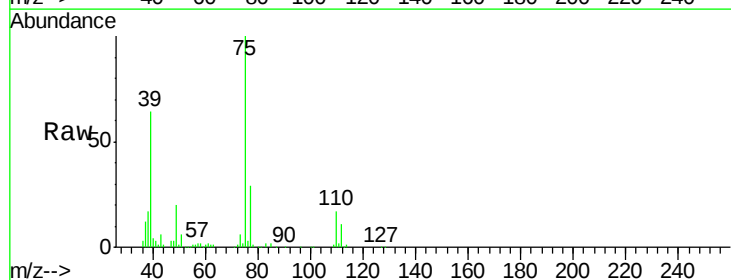
Tgt Ion: 75 Resp: 351183

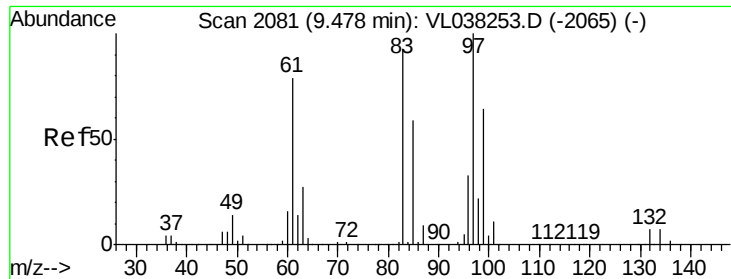
Ion Ratio Lower Upper

75 100

39 63.8 52.3 78.5

77 28.7 25.4 38.0



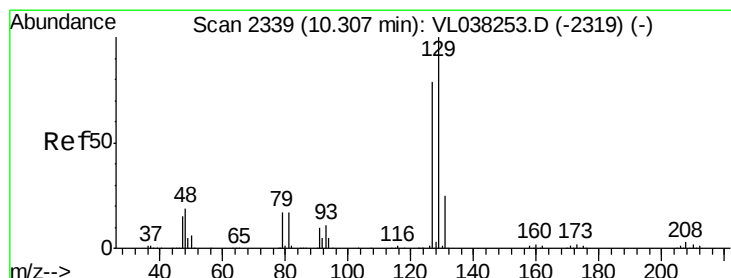
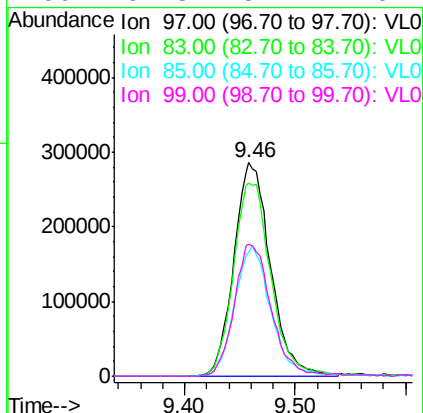
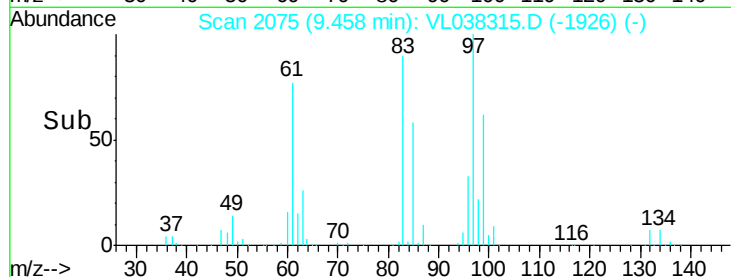
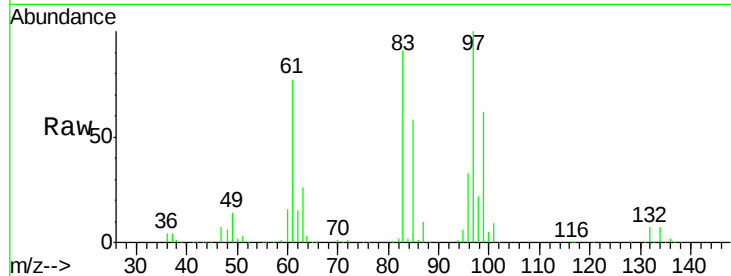


#47
 1,1,2-Trichloroethane
 Concen: 9.172 ppbv
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 97 100
 83 90.
 85 58.
 99 61.8 51.1 76.7

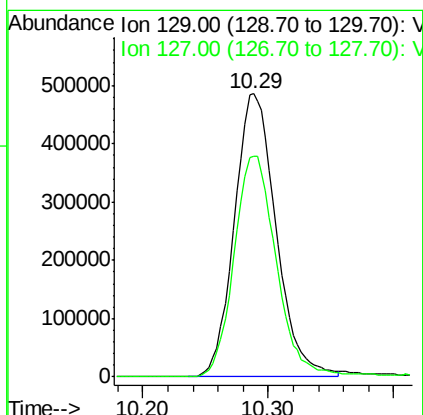
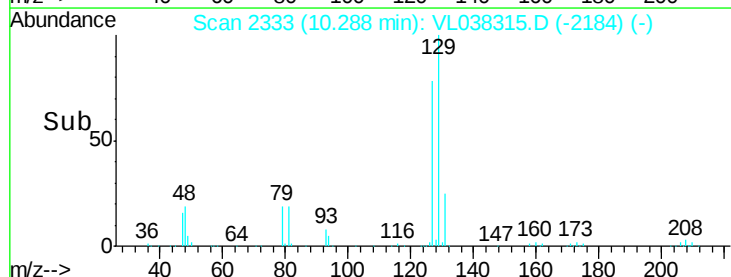
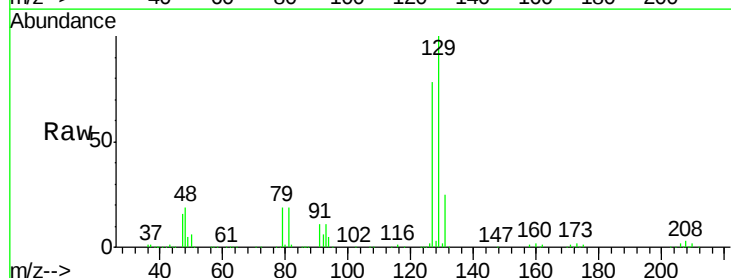
Manual Integrations
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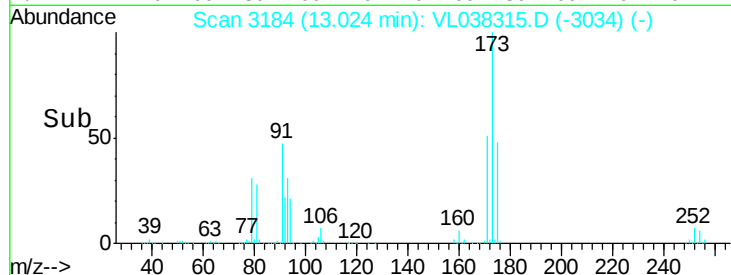
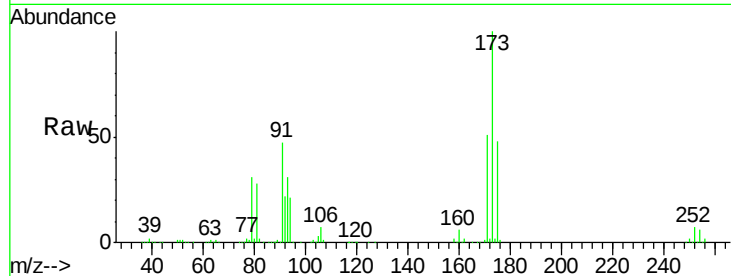
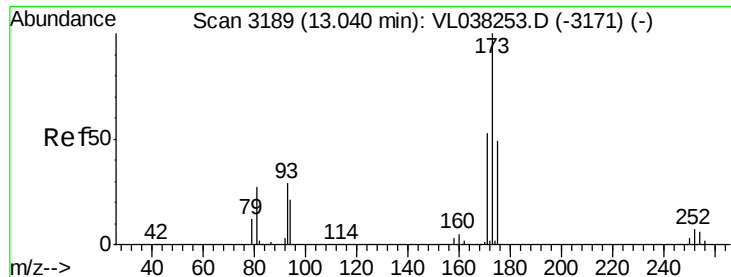
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#48
 Dibromochloromethane
 Concen: 9.314 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion:129 Resp: 1121991
 Ion Ratio Lower Upper
 129 100
 127 79.6 39.1 117.3





#49

Bromoform

Concen: 10.135 ppbv

RT: 13.02

Delta R.T.

Lab File:

Acq: 28 Jan 2022

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022

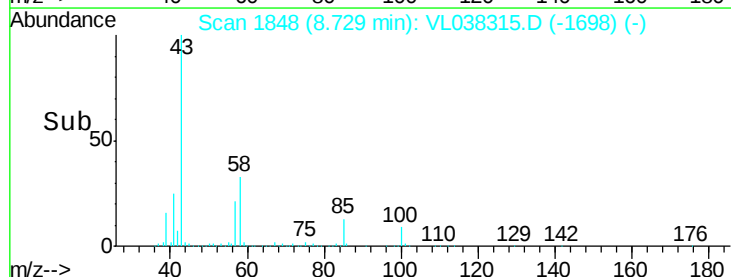
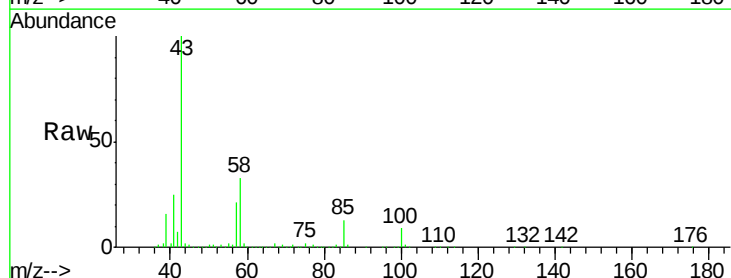
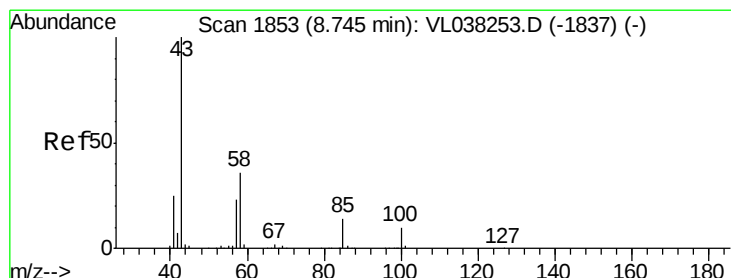
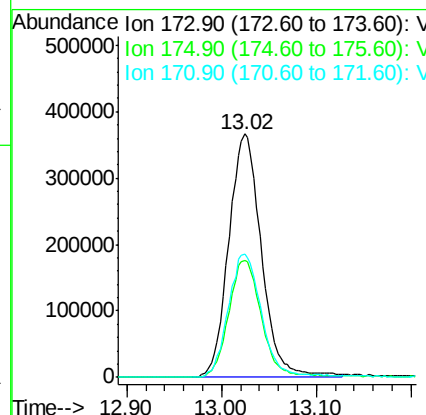
Tgt Ion:1

Ion Ratio

173 100

175 48.

171 52.



#50

4-Methyl-2-Pentanone

Concen: 10.324 ppbv

RT: 8.73 min Scan# 1848

Delta R.T. -0.02 min

Lab File: VL038315.D

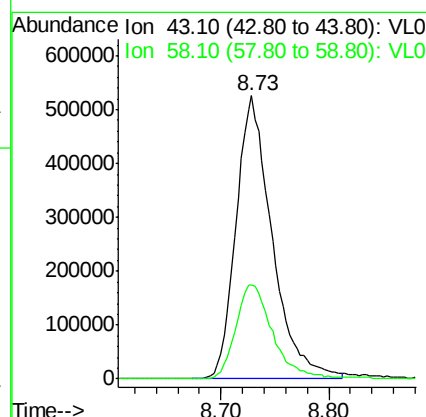
Acq: 28 Jan 2022 9:58

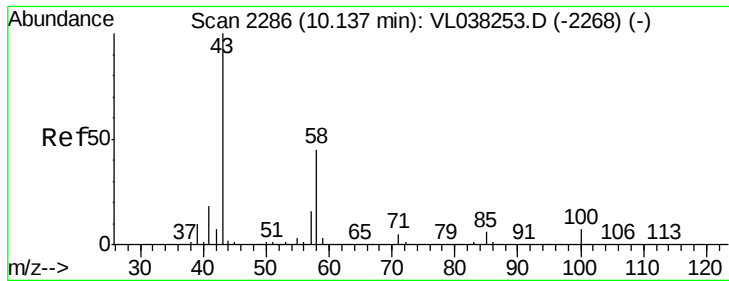
Tgt Ion: 43 Resp: 1222963

Ion Ratio Lower Upper

43 100

58 34.8 28.2 42.4



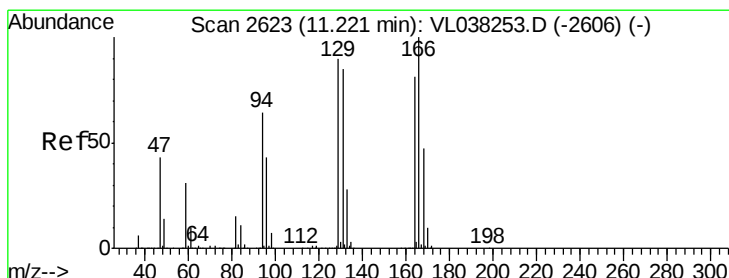
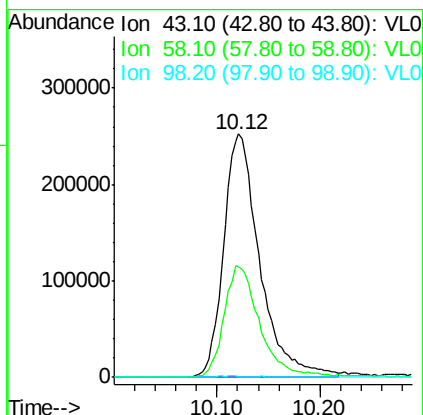
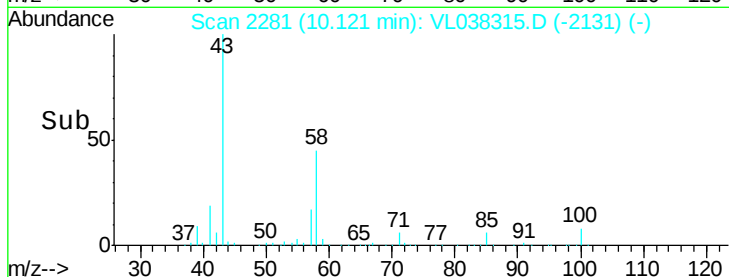
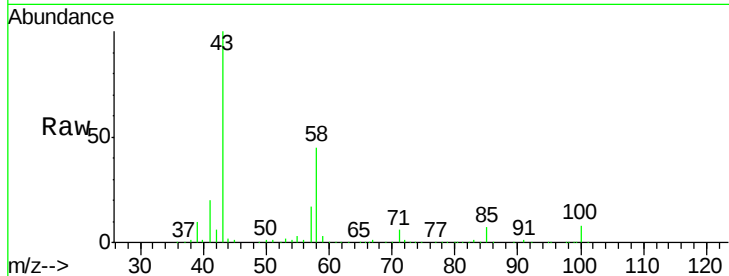


#51
2-Hexanone
Concen: 11.780 ppbv
RT: 10.12 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 28 Jan 2022 9:58
VSTDCCC010EC

Tgt Ion:
Ion Ratio
43 100
58 45.
98 0.

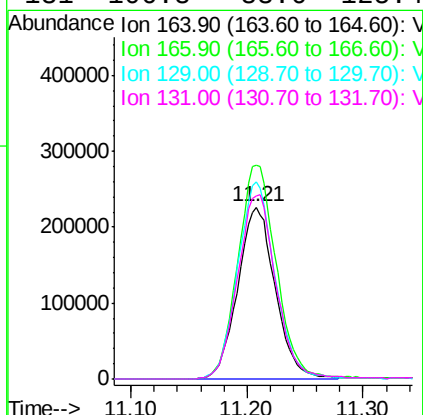
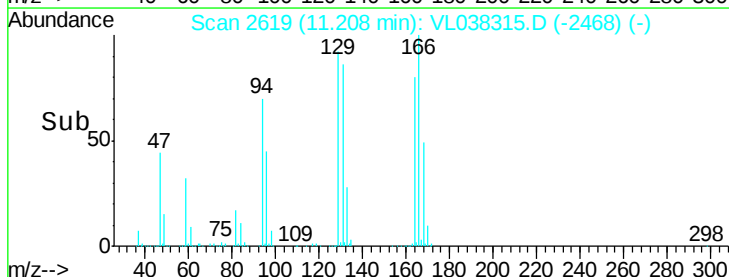
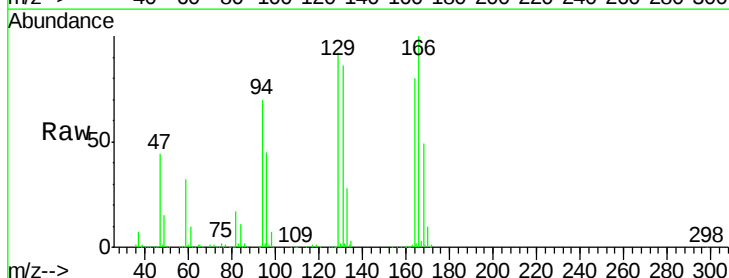
Manual Integrations
APPROVED

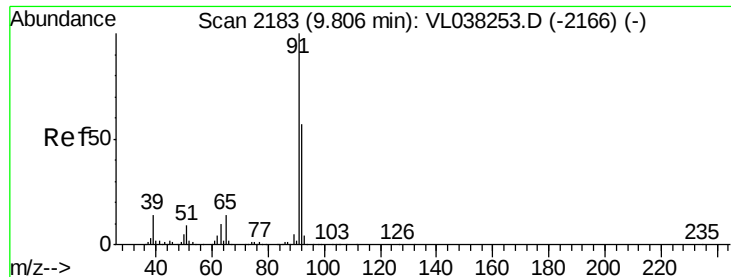
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#52
Tetrachloroethene
Concen: 8.187 ppbv
RT: 11.21 min Scan# 2619
Delta R.T. -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion:164 Resp: 506802
Ion Ratio Lower Upper
164 100
166 124.5 98.8 148.2
129 115.0 89.2 133.8
131 106.8 83.6 125.4





#53

Toluene

Concen: 9.216 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58 VSTDCCC010EC

Tgt Ion:

Ion Ratio

91 100

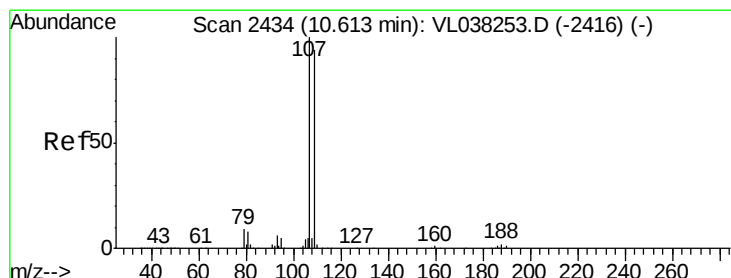
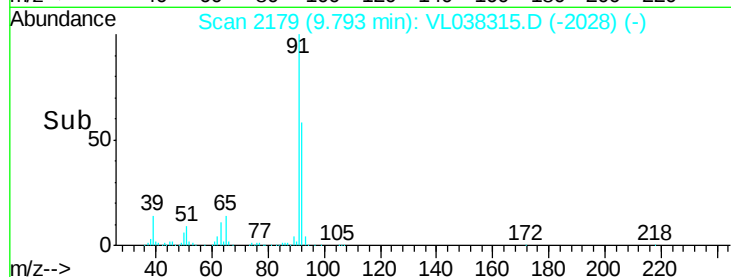
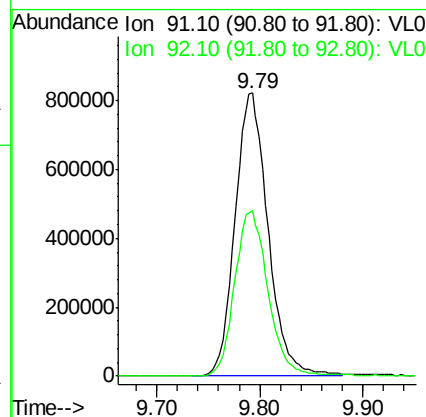
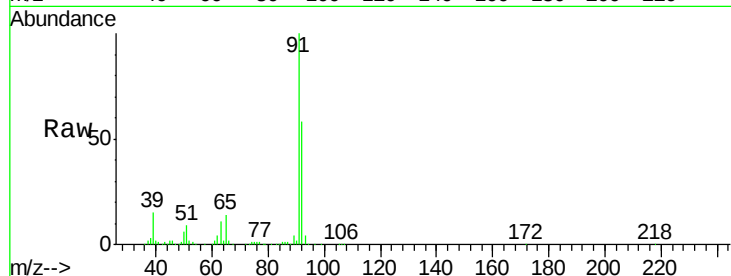
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#54

1,2-Dibromoethane

Concen: 8.636 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.02 min

Lab File: VL038315.D

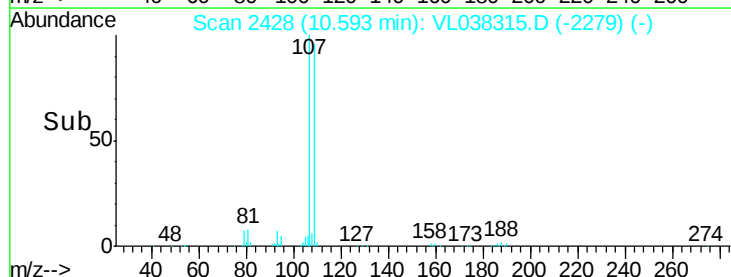
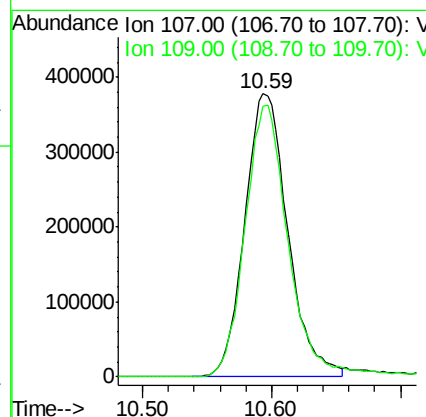
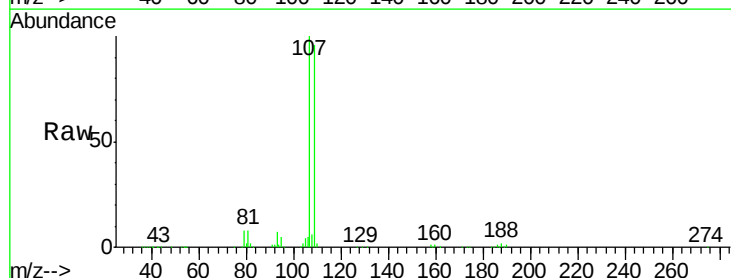
Acq: 28 Jan 2022 9:58

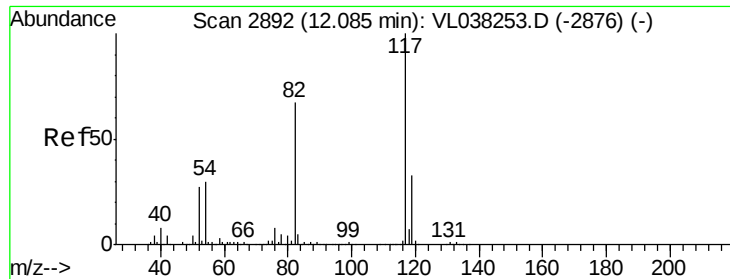
Tgt Ion:107 Resp: 878486

Ion Ratio Lower Upper

107 100

109 95.8 75.4 113.0



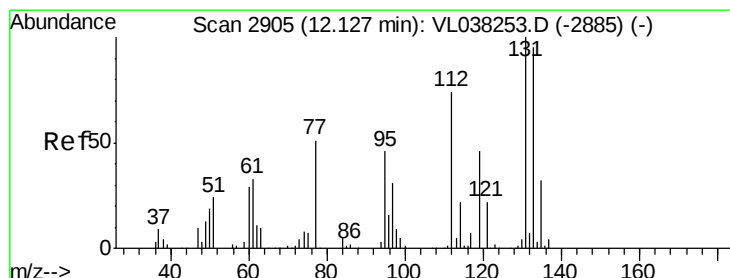
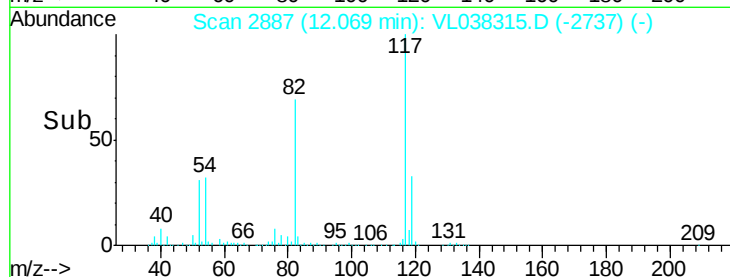
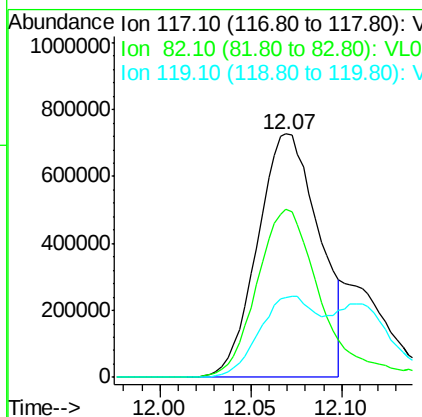
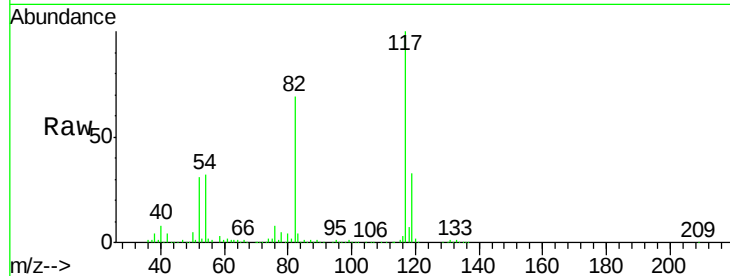


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion:1
Ion Ratio
117 100
82 74.
119 30.

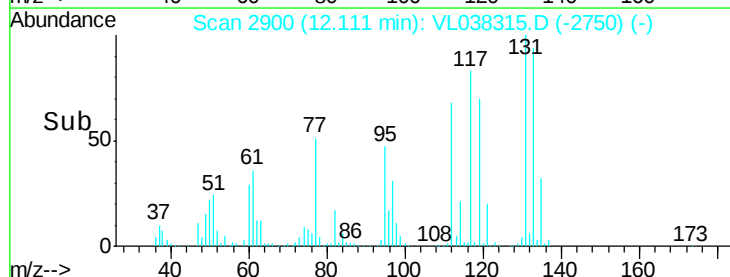
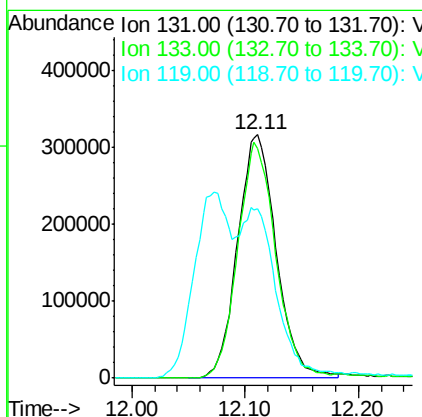
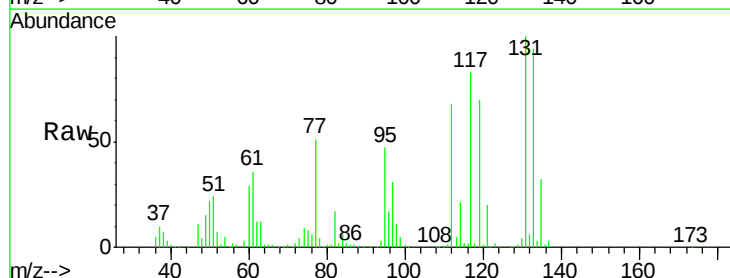
Manual Integrations
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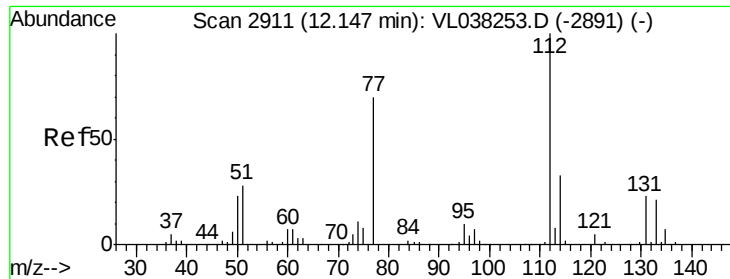
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.006 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion:131 Resp: 751061
Ion Ratio Lower Upper
131 100
133 98.4 76.0 114.0
119 63.3 53.0 79.4



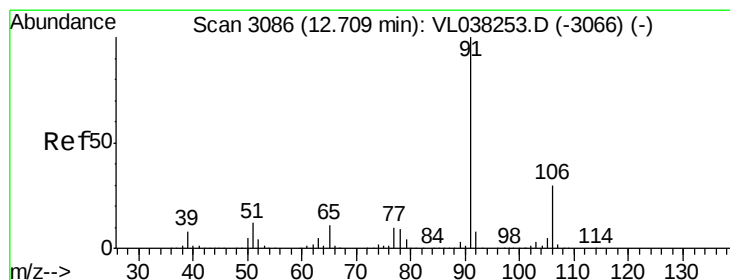
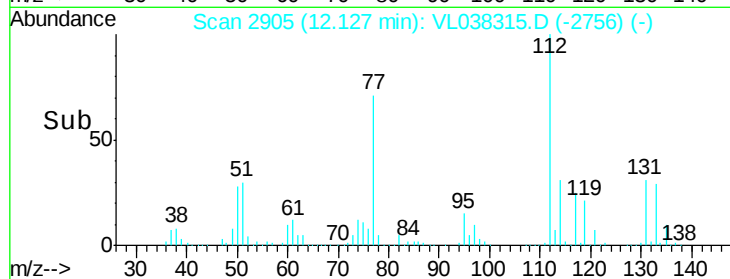
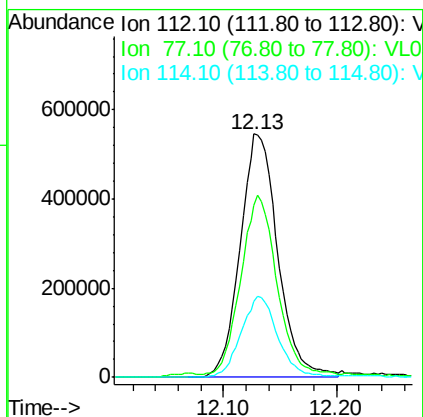
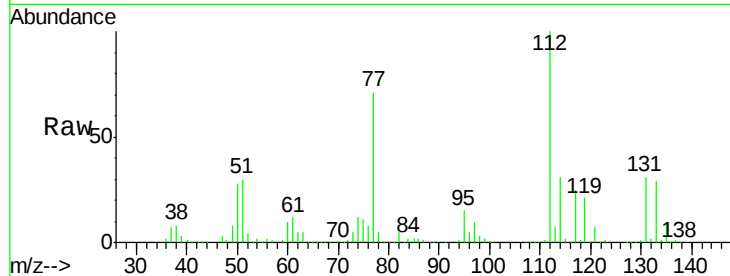


#57
Chlorobenzene
Concen: 9.238 ppbv
RT: 12.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion: 112
Ion Ratio: 100
112 100
77 69.1
114 31.1

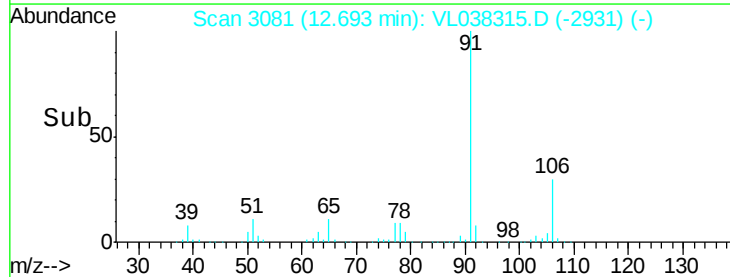
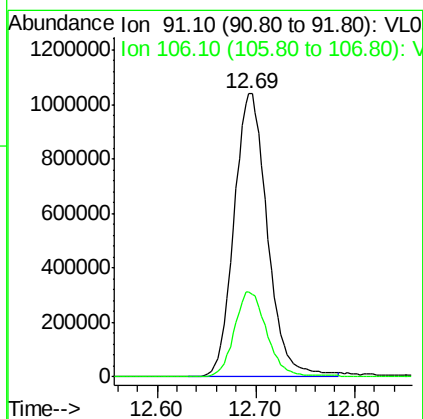
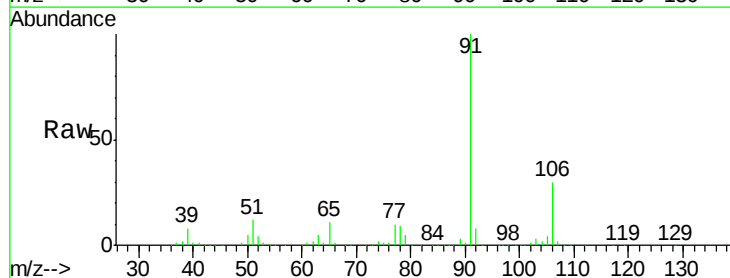
Manual Integrations
APPROVED

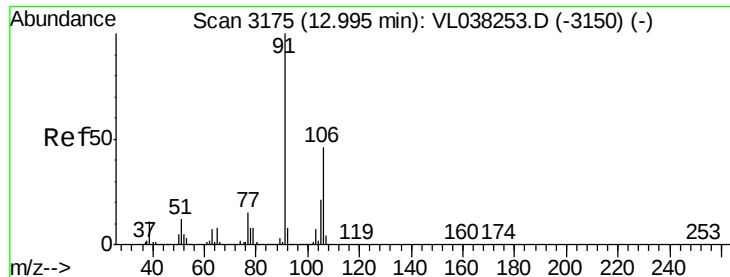
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#58
Ethyl Benzene
Concen: 9.718 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.02 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 91 Resp: 2449424
Ion Ratio Lower Upper
91 100
106 30.0 24.1 36.1



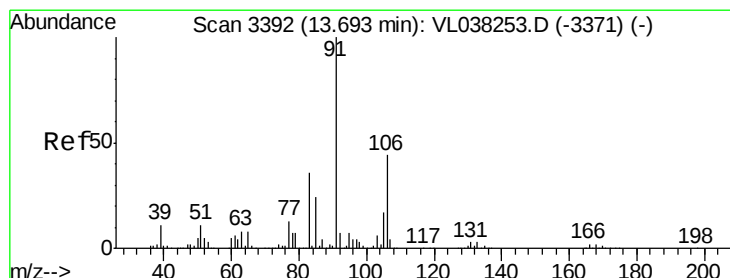
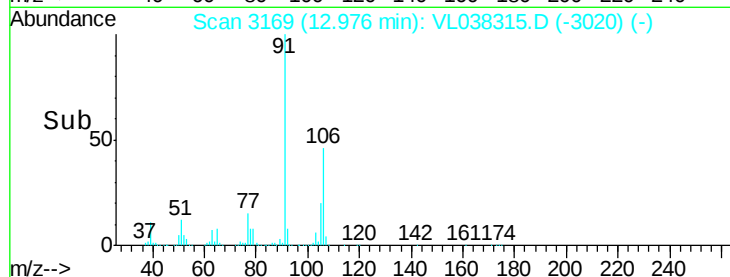
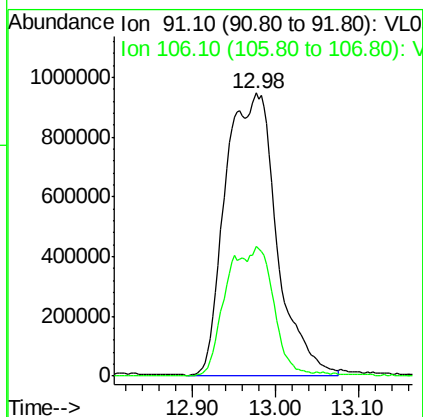
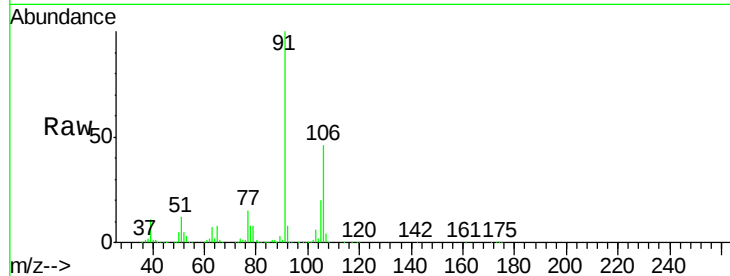


#59
m/p-Xylene
Concen: 19.029 ppbv m
RT: 12.98
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 28 Jan 2022 9:58

Tgt Ion:
Ion Ratio
91 100
106 42.

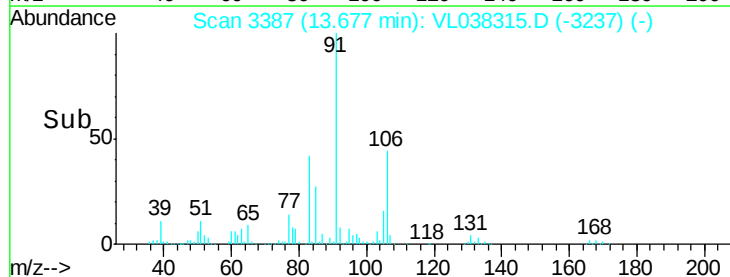
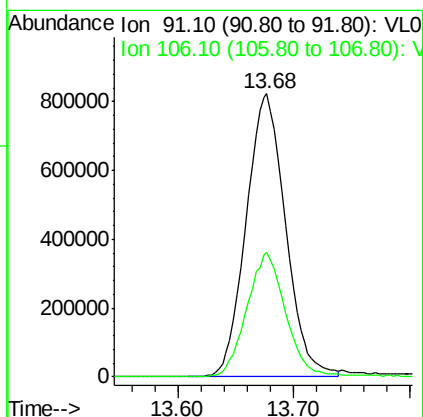
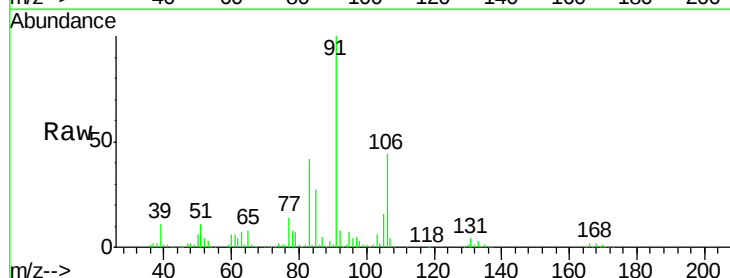
Manual Integrations
APPROVED

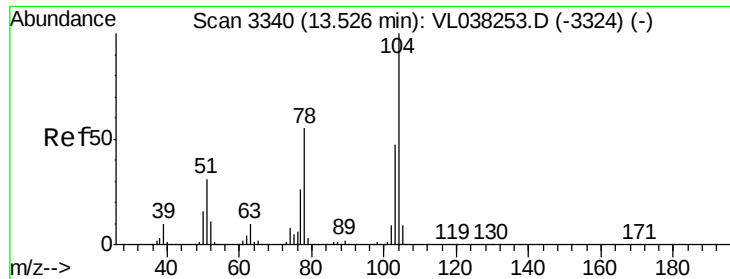
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#60
o-Xylene
Concen: 9.726 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.02 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion: 91 Resp: 1945245
Ion Ratio Lower Upper
91 100
106 43.6 22.2 66.6





#61

Styrene

Concen: 9.893 ppbv

RT: 13.51

Delta R.T.

Lab File:

Acq: 28 Jan 2022

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

9.58

Tgt Ion:1

Ion Ratio

104 100

78 56.

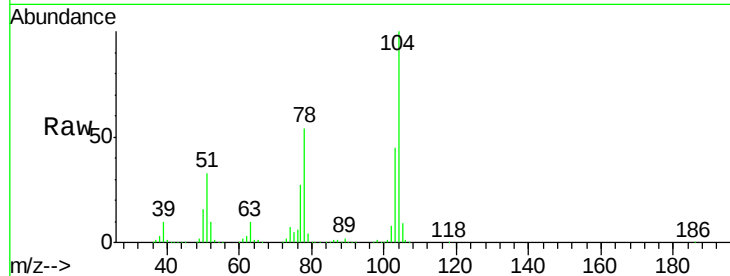
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

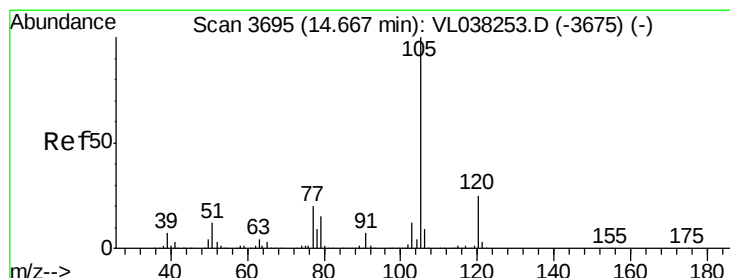
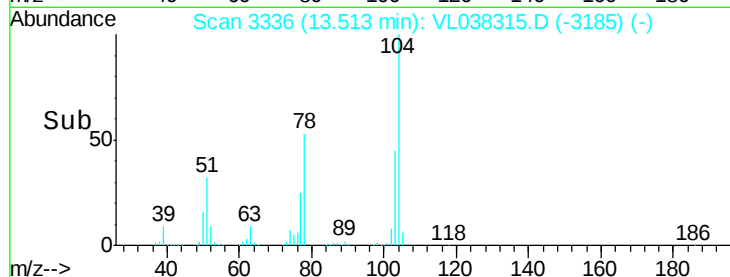
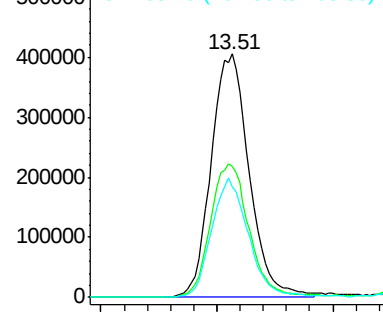
Supervised By :Amit Patel 02/02/2022



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 10.085 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.02 min

Lab File: VL038315.D

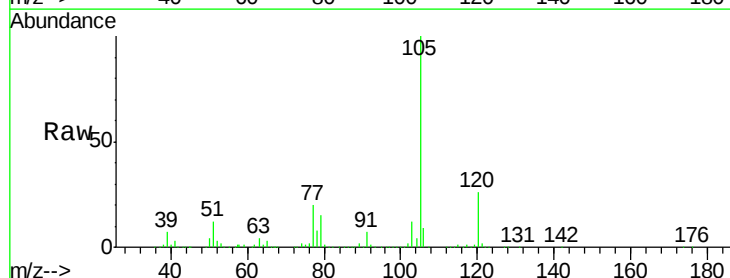
Acq: 28 Jan 2022 9:58

Tgt Ion:105 Resp: 2688983

Ion Ratio Lower Upper

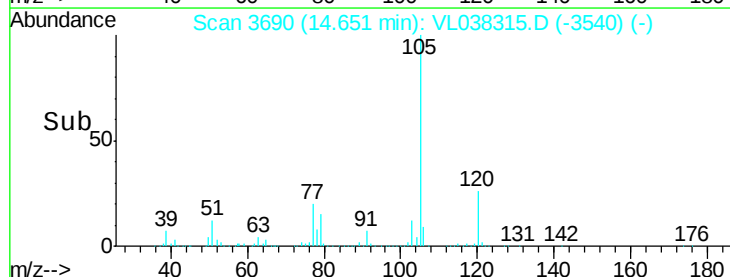
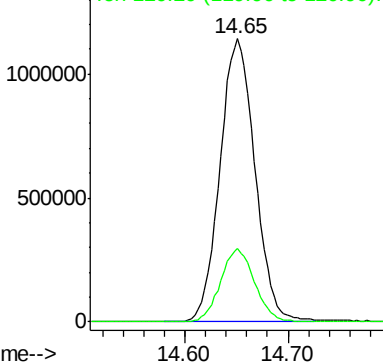
105 100

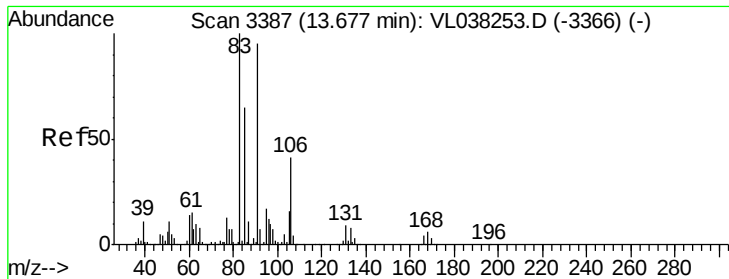
120 25.5 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 10.019 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58

Tgt Ion:

Ion Ratio

83 100

131 8.

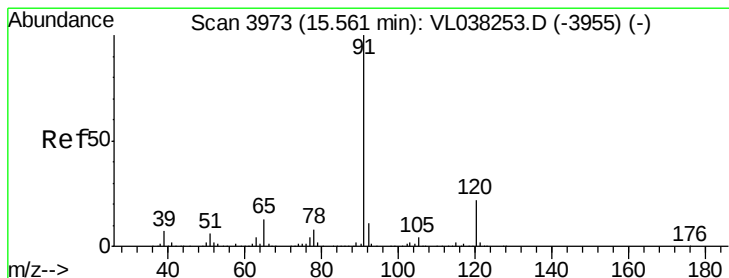
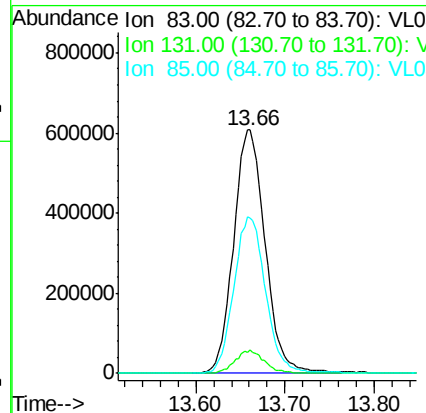
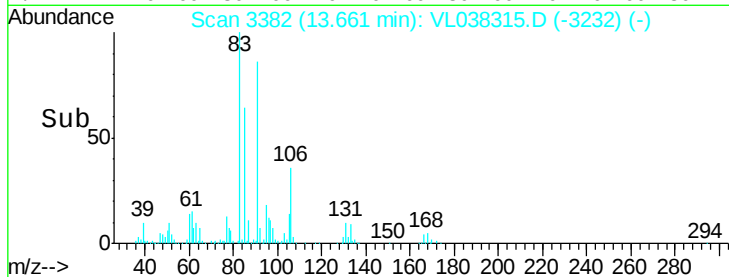
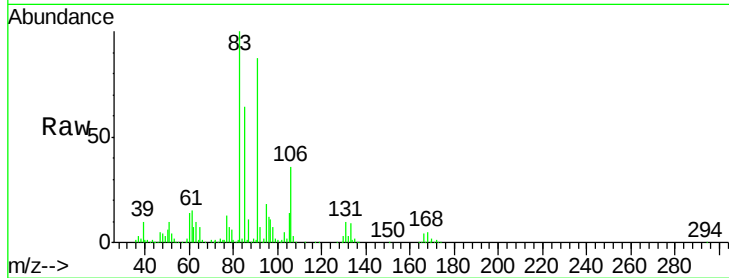
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



#64

n-propylbenzene

Concen: 10.322 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. -0.01 min

Lab File: VL038315.D

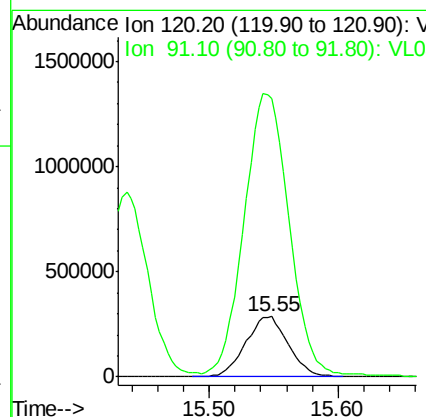
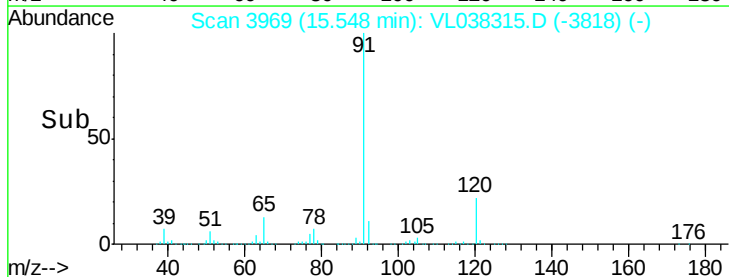
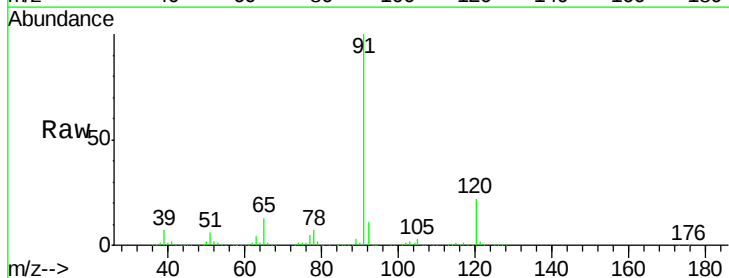
Acq: 28 Jan 2022 9:58

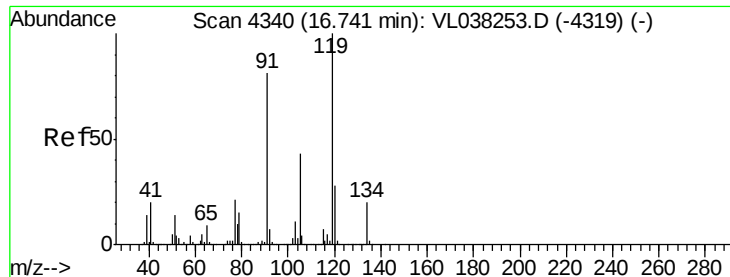
Tgt Ion:120 Resp: 662036

Ion Ratio Lower Upper

120 100

91 498.0 390.8 586.2



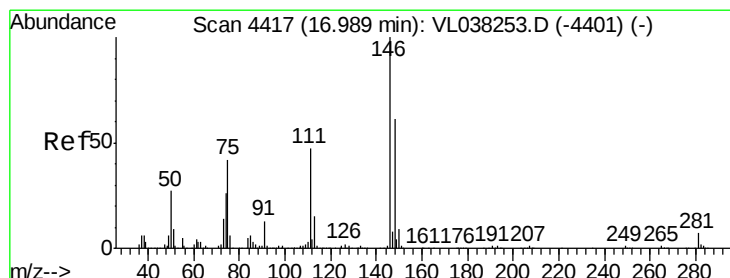
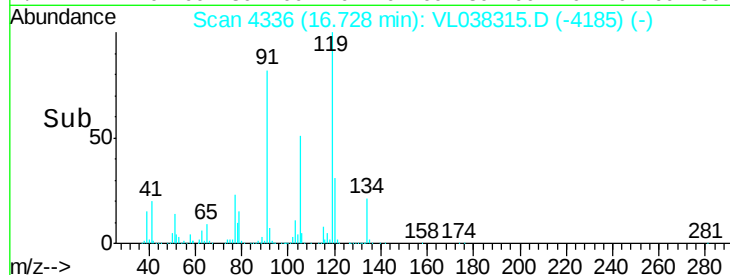
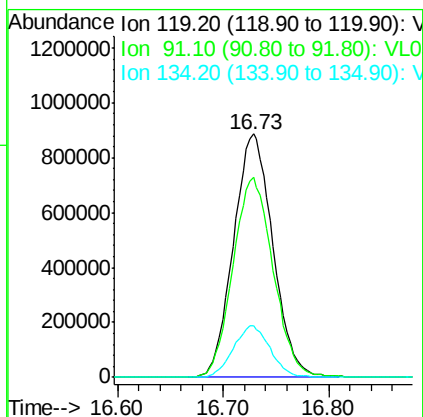
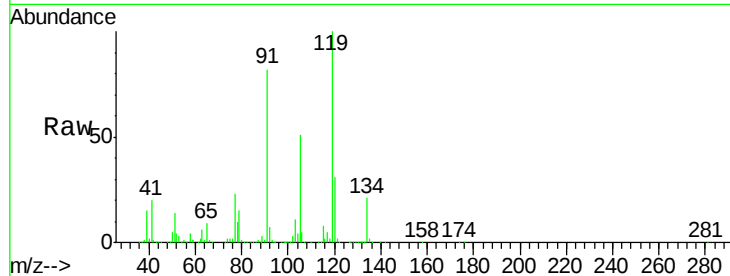


#65
 tert-Butylbenzene
 Concen: 10.472 ppbv
 RT: 16.73 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion: 1
 Ion Ratio
 119 100
 91 84.
 134 20.

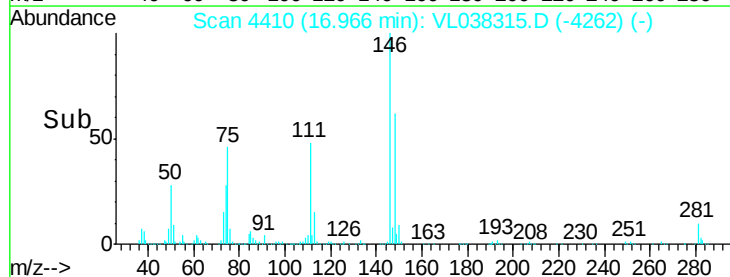
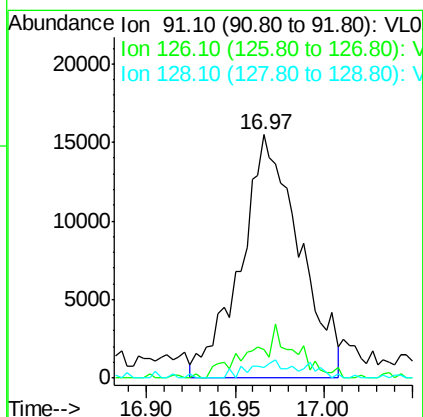
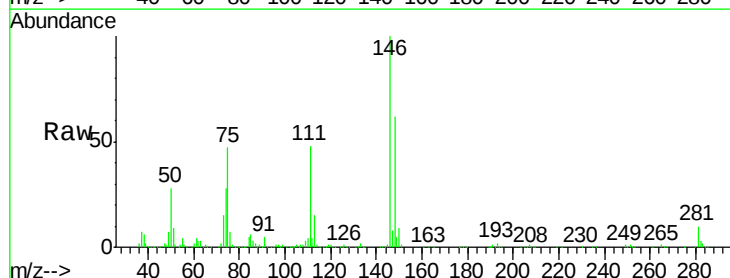
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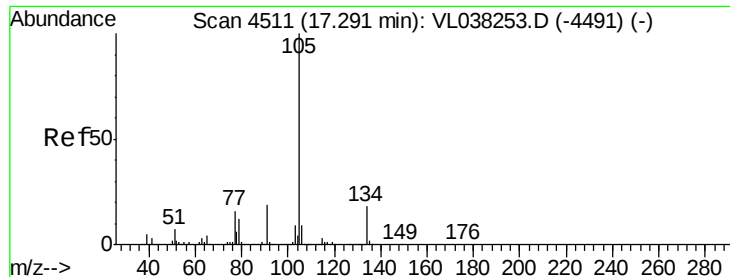
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#66
 Benzyl Chloride
 Concen: 3.572 ppbv m
 RT: 16.97 min Scan# 4410
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 91 Resp: 35631
 Ion Ratio Lower Upper
 91 100
 126 8.0 12.6 18.8#
 128 6.6 4.3 6.5#





#67

sec-Butylbenzene

Concen: 10.479 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Jan 2022 9:58

Tgt Ion:1

Ion Ratio

105 100

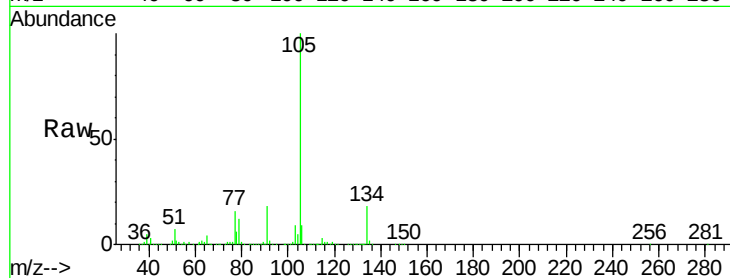
134 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/29/2022

Supervised By :Amit Patel 02/02/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

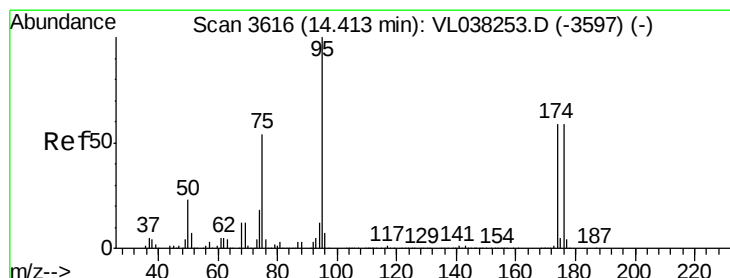
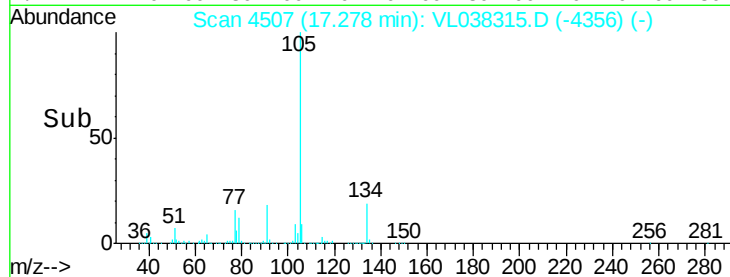
1500000

1000000

500000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.867 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.02 min

Lab File: VL038315.D

Acq: 28 Jan 2022 9:58

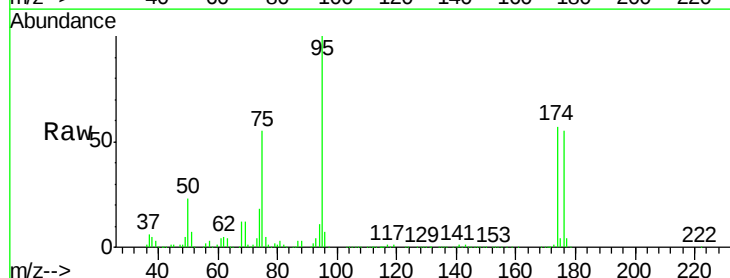
Tgt Ion: 95 Resp: 1414540

Ion Ratio Lower Upper

95 100

174 61.1 48.3 72.5

175 4.6 3.5 5.3



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

800000

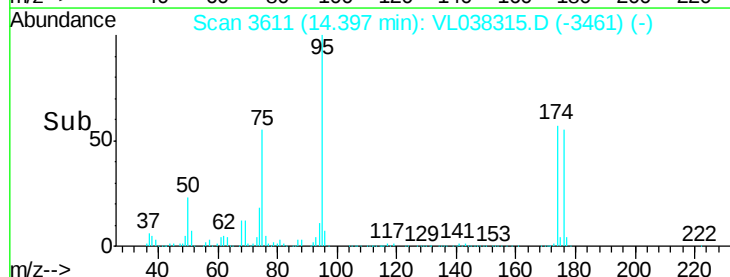
600000

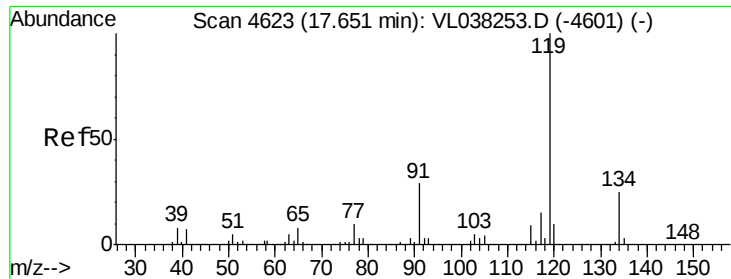
400000

200000

0

Time-->



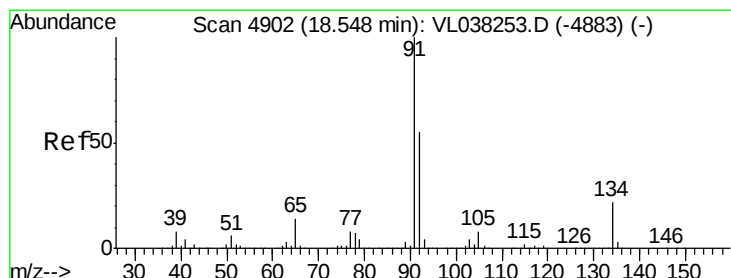
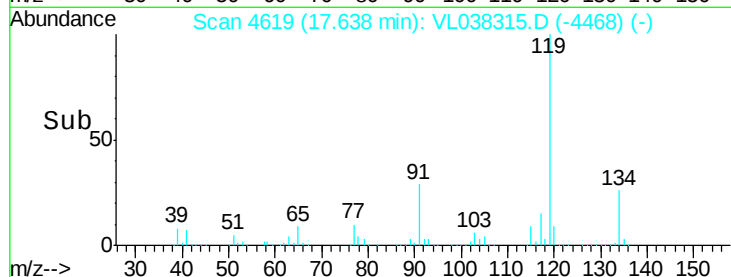
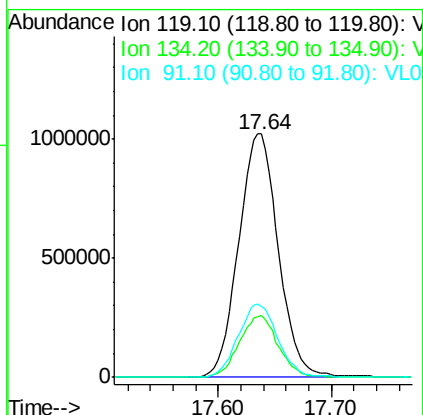
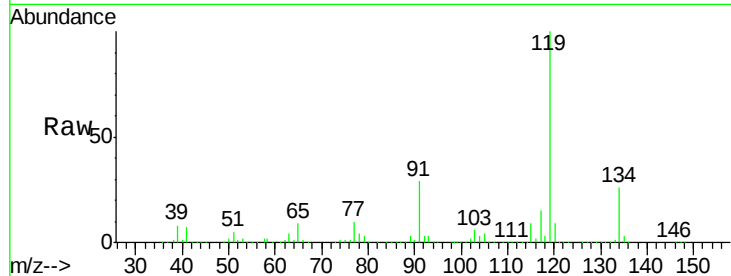


#69
 p-Isopropyltoluene
 Concen: 10.630 ppbv
 RT: 17.64 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 25
 91 30

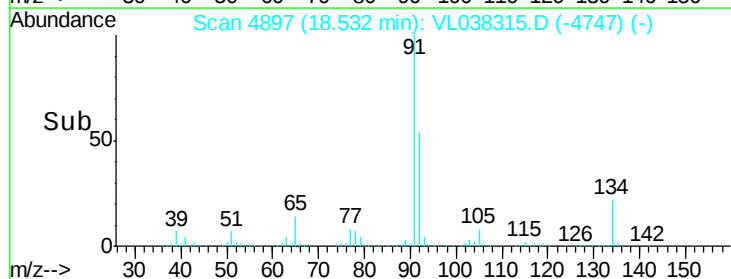
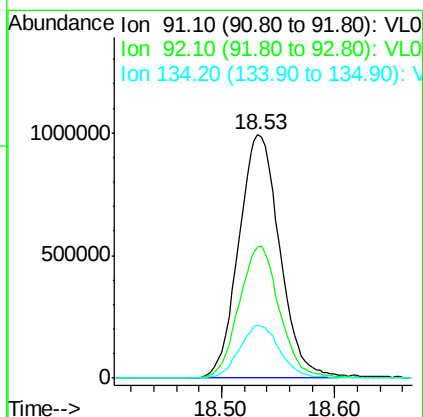
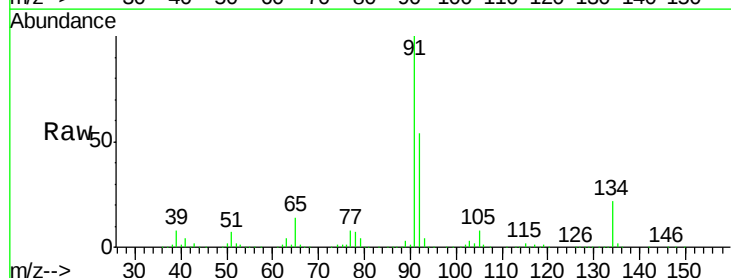
Manual Integrations
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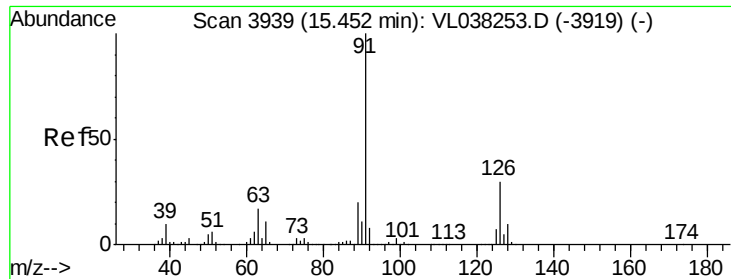
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#70
 n-Butylbenzene
 Concen: 10.905 ppbv
 RT: 18.53 min Scan# 4897
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 91 Resp: 2496897
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.4 65.0
 134 21.6 17.3 25.9



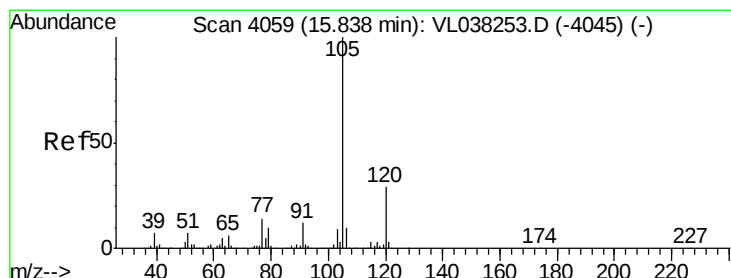
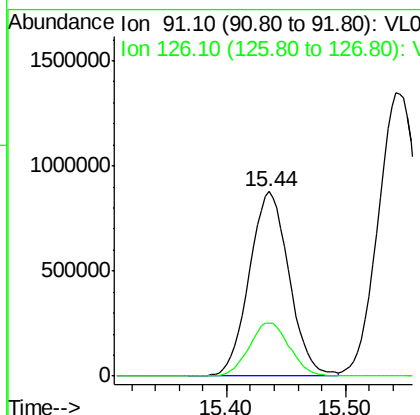
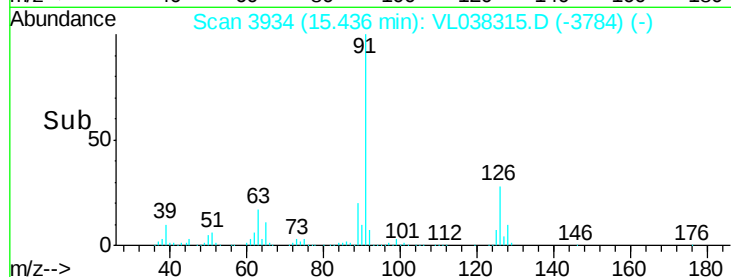
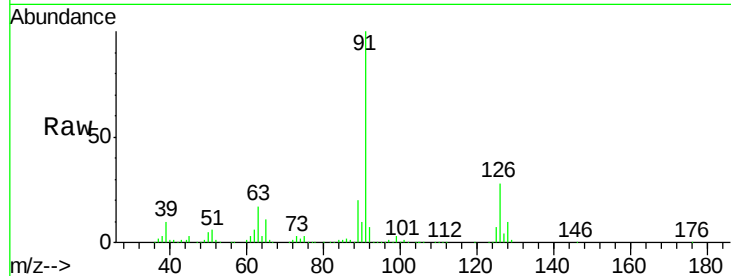


#71
 2-Chlorotoluene
 Concen: 10.297 ppbv
 RT: 15.44 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:
 Ion Ratio
 91 100
 126 29.

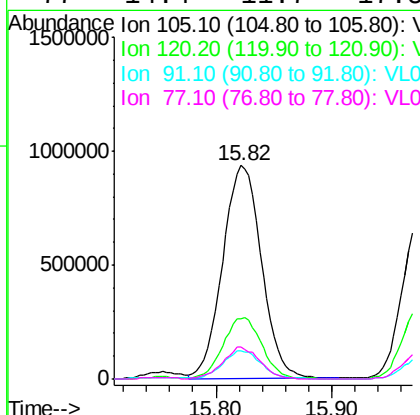
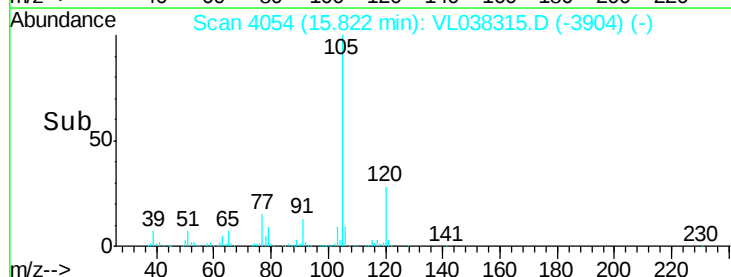
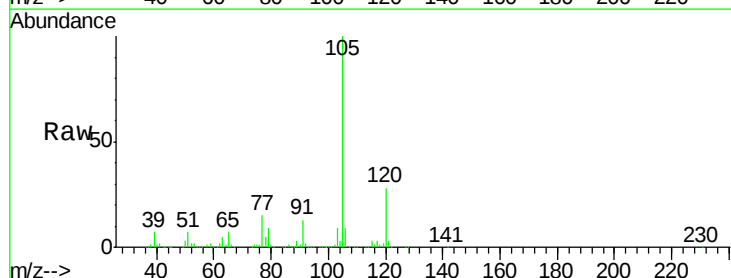
Manual Integrations
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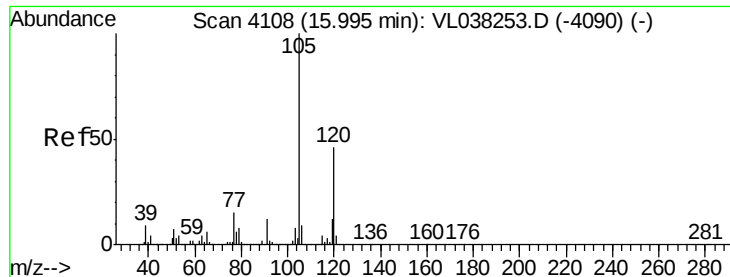
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#72
 4-Ethyltoluene
 Concen: 10.409 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion:105 Resp: 2177075
 Ion Ratio Lower Upper
 105 100
 120 29.1 23.8 35.8
 91 13.1 10.2 15.4
 77 14.4 11.7 17.5



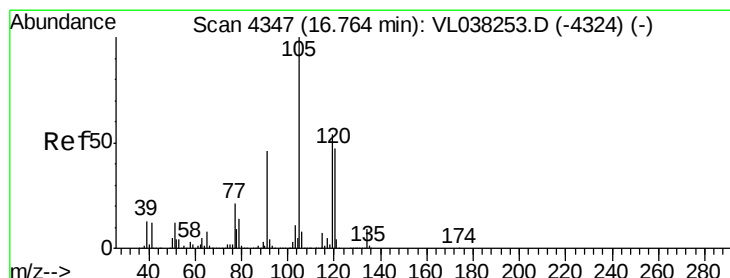
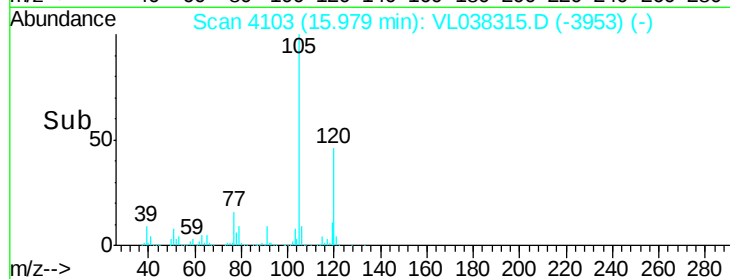
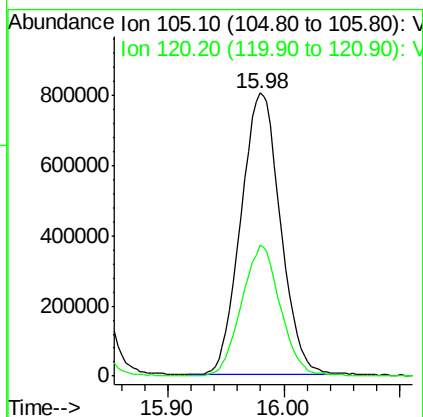
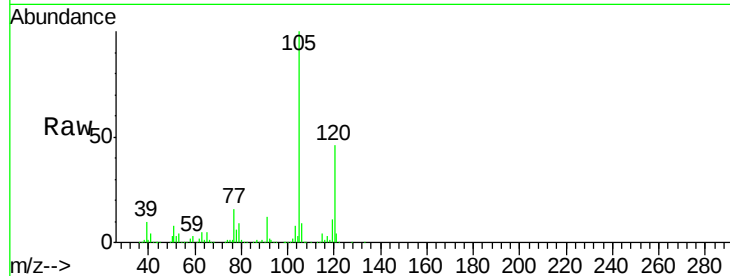


#73
 1,3,5-Trimethylbenzene
 Concen: 10.155 ppbv
 RT: 15.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:1
 Ion Ratio
 105 100
 120 46.

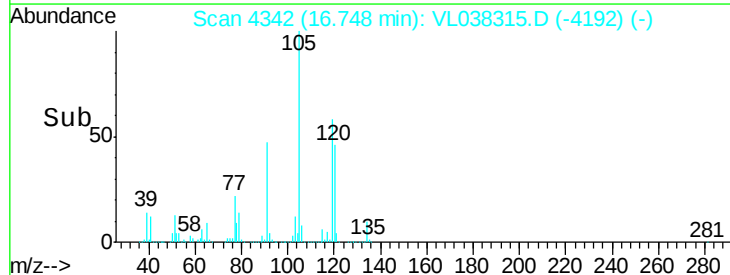
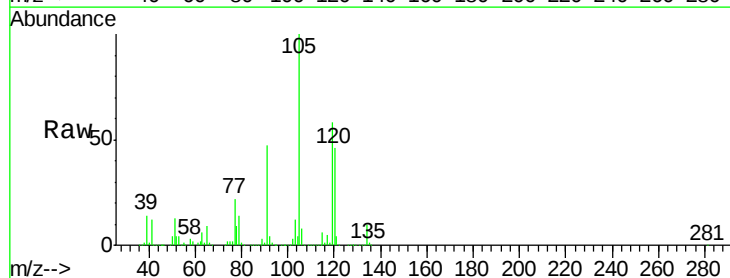
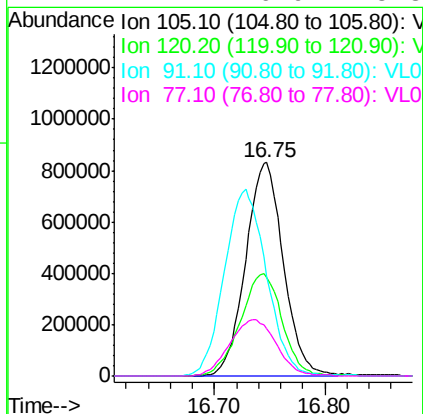
Manual Integrations
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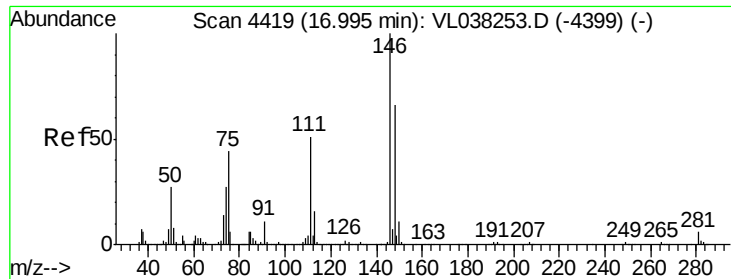
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.939 ppbv
 RT: 16.75 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion:105 Resp: 1969403
 Ion Ratio Lower Upper
 105 100
 120 46.2 37.2 55.8
 91 46.4 36.6 55.0
 77 22.2 16.9 25.3



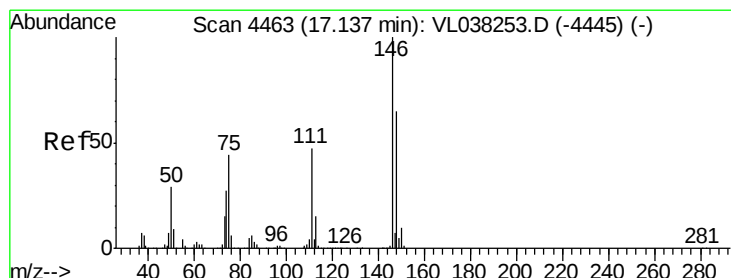
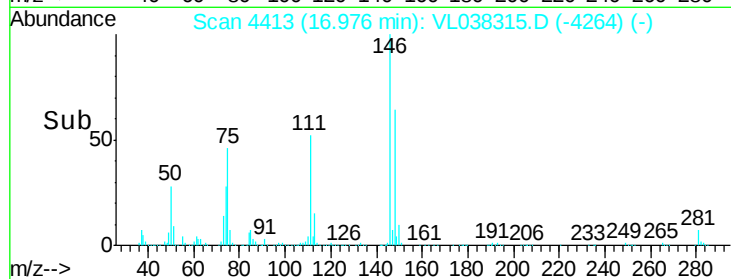
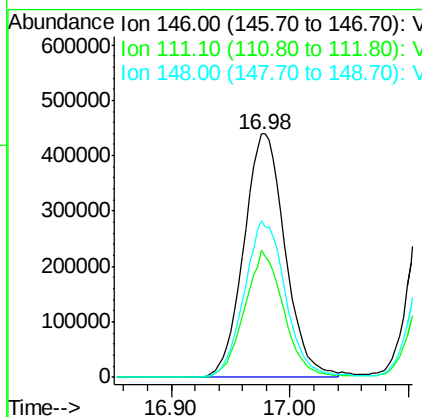
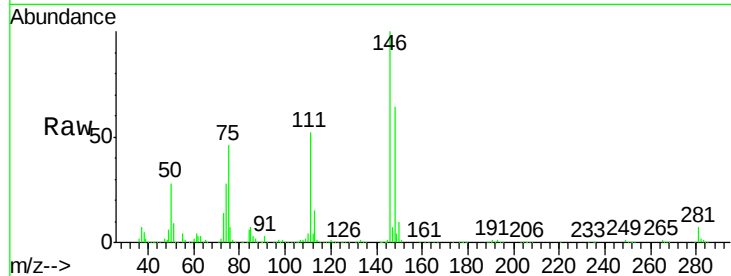


#75
 1,3-Dichlorobenzene
 Concen: 9.915 ppbv
 RT: 16.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

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

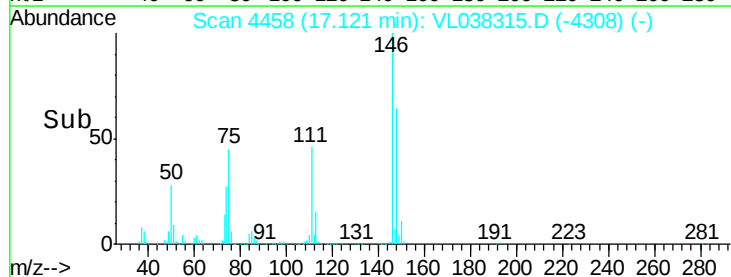
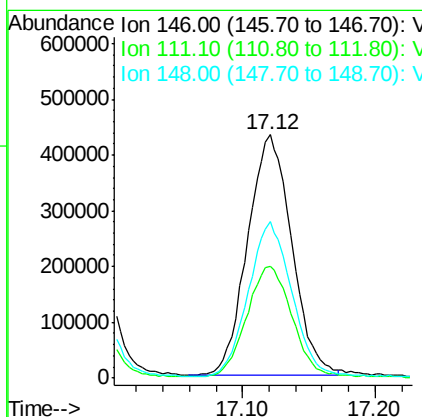
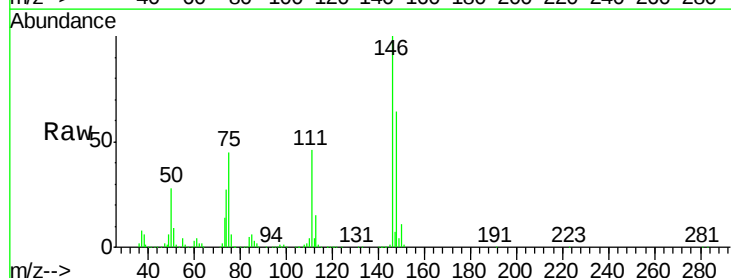
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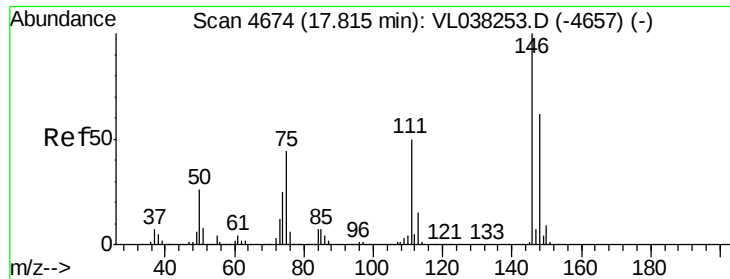
Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022



#76
 1,4-Dichlorobenzene
 Concen: 9.688 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion:146 Resp: 997390
 Ion Ratio Lower Upper
 146 100
 111 47.9 23.2 69.6
 148 66.6 32.4 97.0



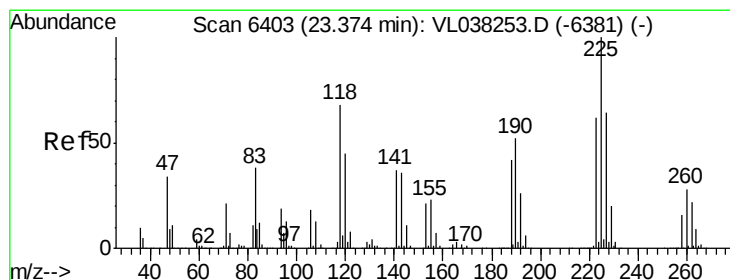
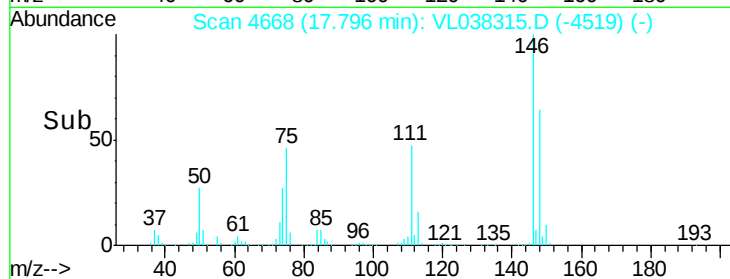
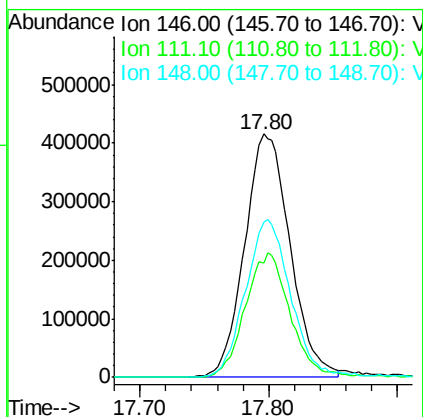
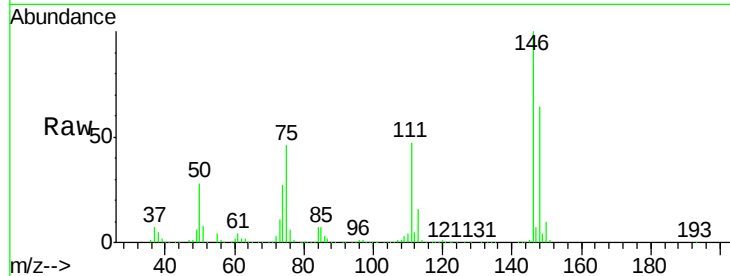


#77
 1,2-Dichlorobenzene
 Concen: 10.290 ppbv
 RT: 17.80 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion: 146
 Ion Ratio: 100
 146 100
 111 51.1
 148 65.1

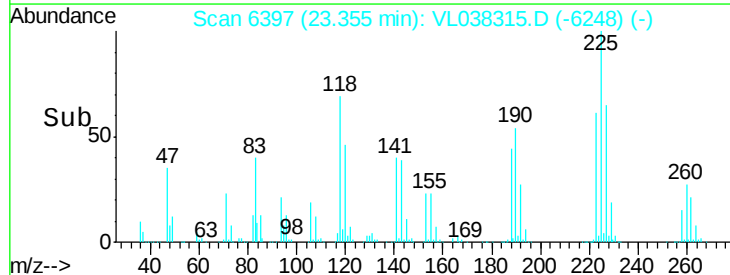
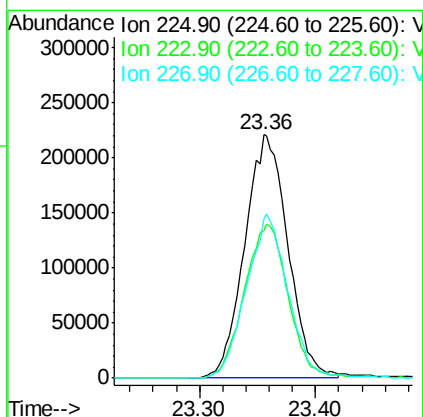
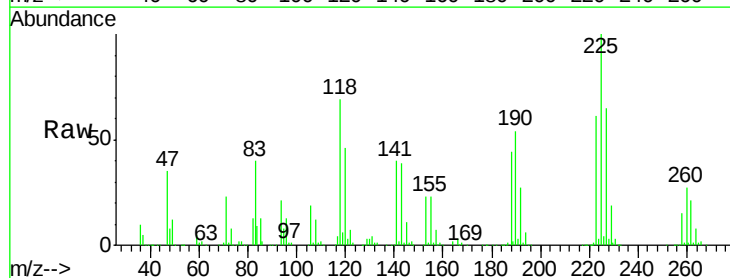
Manual Integrations
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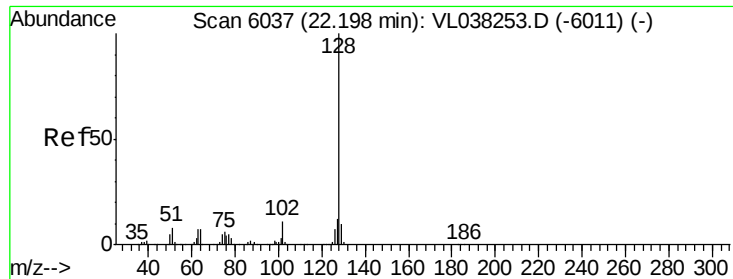
Reviewed By : Semsettin Yesilyurt 01/29/2022
 Supervised By : Amit Patel 02/02/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.330 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T.: -0.02 min
 Lab File: VL038315.D
 Acq: 28 Jan 2022 9:58

Tgt Ion: 225 Resp: 572010
 Ion Ratio Lower Upper
 225 100
 223 64.9 51.7 77.5
 227 65.3 51.4 77.0



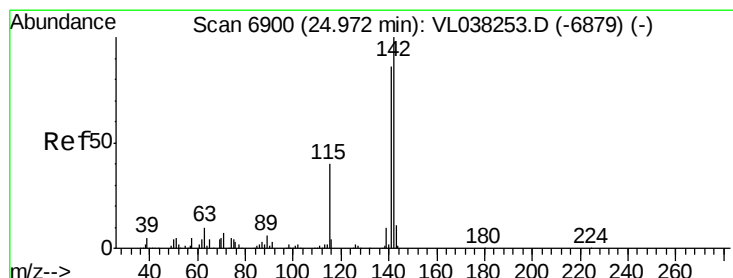
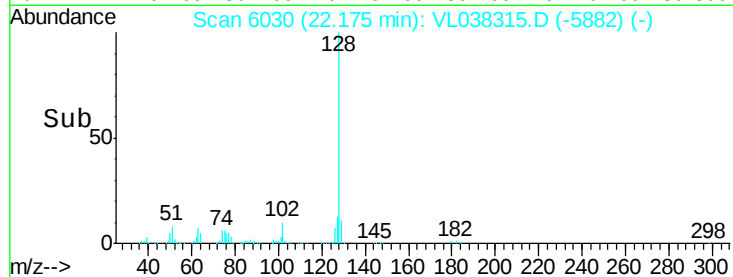
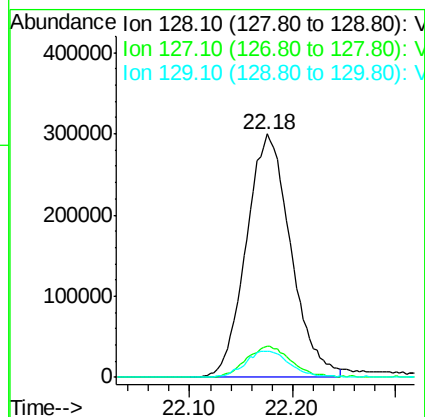
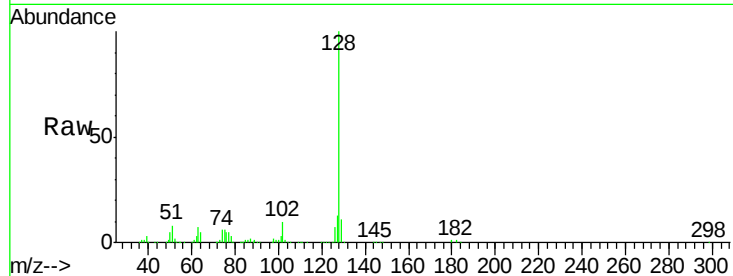


#79
Naphthalene
Concen: 9.715 ppbv
RT: 22.18 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 28 Jan 2022 9:58

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

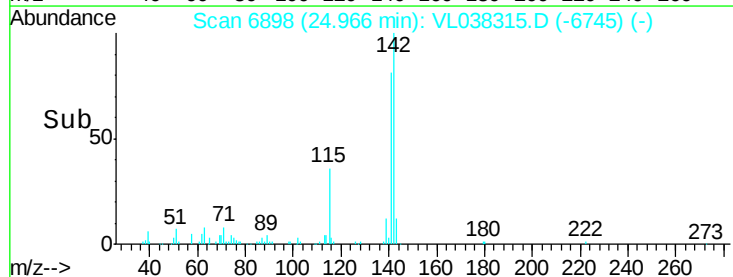
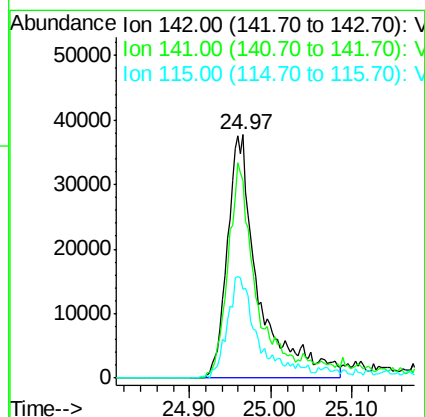
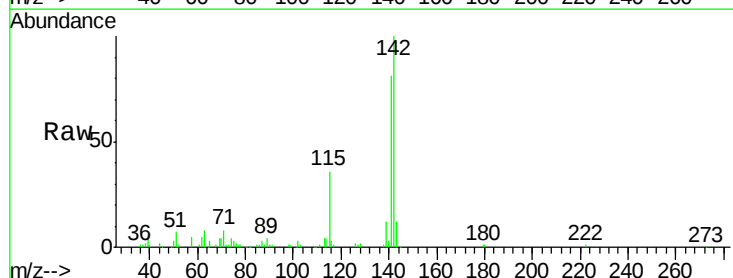
Manual Integrations
APPROVED

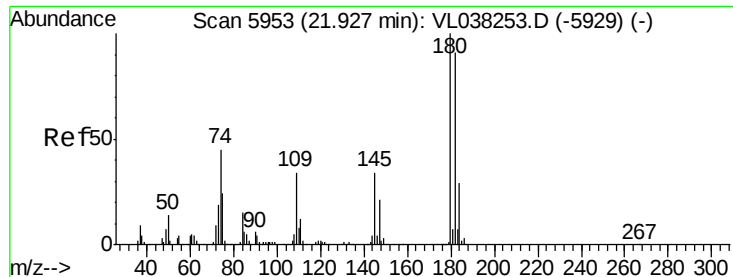
Reviewed By :Semsettin Yesilyurt 01/29/2022
Supervised By :Amit Patel 02/02/2022



#80
Naphthalene, 2-methyl-
Concen: 10.145 ppbv
RT: 24.97 min Scan# 6898
Delta R.T.: -0.01 min
Lab File: VL038315.D
Acq: 28 Jan 2022 9:58

Tgt Ion:142 Resp: 102213
Ion Ratio Lower Upper
142 100
141 91.4 70.2 105.4
115 43.5 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.517 ppbv m
 RT: 21.90
 Delta R.T
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 28 Jan 2022 9:58

Tgt Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/29/2022
 Supervised By :Amit Patel 02/02/2022

