

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038299.D
 Acq On : 27 Jan 2022 16:32
 Operator : SY/AP
 Sample : VL0127ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0127ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 05:56:00 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	779765	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2148442	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1919087m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1481725	10.17	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	1411671	8.504	ppbv	99
3) Chlorodifluoromethane	2.98	51	1526460	9.833	ppbv	100
4) Chloromethane	3.13	50	499458	9.352	ppbv	98
5) Vinyl Chloride	3.25	62	519782	9.752	ppbv	98
6) Bromomethane	3.47	94	296352	10.284	ppbv	99
7) Chloroethane	3.55	64	175964	9.774	ppbv	90
8) Dichlorotetrafluoroethane	3.18	85	1294659	10.079	ppbv	98
9) Propene	3.01	41	503511	9.964	ppbv	100
10) Heptane	8.10	43	1295520	9.965	ppbv	100
11) Trichlorofluoromethane	3.94	101	1285501	9.941	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	929531	9.509	ppbv	97
13) Ethanol	3.59	45	49474	9.120	ppbv	88
14) Bromoethene	3.73	108	379382	9.932	ppbv	97
15) Acetone	3.84	43	623207	9.066	ppbv	100
16) 1,3-Butadiene	3.32	39	493790	10.011	ppbv	100
17) tert-Butyl alcohol	4.27	59	723408	9.589	ppbv	98
18) 1,1-Dichloroethene	4.28	96	409464	9.633	ppbv	98
19) Isopropyl Alcohol	3.95	45	408582	9.502	ppbv	99
20) Methylene Chloride	4.33	84	331494	8.292	ppbv	96
21) Allyl Chloride	4.40	41	620436	10.201	ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	436477	9.938	ppbv	99
23) Vinyl Acetate	5.06	43	986006	9.866	ppbv	99
24) 1,1-Dichloroethane	5.00	63	874516	9.822	ppbv	99
25) Ethyl Acetate	5.66	43	1974061	10.257	ppbv	100
26) Hexane	5.67	57	897364	10.025	ppbv	99
27) Carbon Disulfide	4.54	76	1067897	10.197	ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	909801	9.797	ppbv	98
29) Chloroform	5.74	83	1480307	10.131	ppbv	99
30) Cyclohexane	7.11	84	770313	9.883	ppbv	97
31) cis-1,2-Dichloroethene	5.53	61	724176	9.274	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	1468785	10.064	ppbv	99
34) 2-Butanone	5.23	43	678148	9.652	ppbv	100
35) Carbon Tetrachloride	7.00	117	1530321	10.148	ppbv	95
36) Benzene	6.87	78	1935417	10.184	ppbv	99
37) 1,2-Dichloroethane	6.29	62	1136753	10.443	ppbv	99
38) Trichloroethene	7.82	130	691971	9.775	ppbv	96
39) 1,2-Dichloropropane	7.59	63	775345	10.063	ppbv	98
40) 1,4-Dioxane	7.81	88	186633	10.064	ppbv	80
41) Tetrahydrofuran	6.03	42	487070	10.313	ppbv	99
42) Bromodichloromethane	7.77	83	1671863	10.353	ppbv	99
43) Methyl Methacrylate	7.99	69	723187	10.759	ppbv	98

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

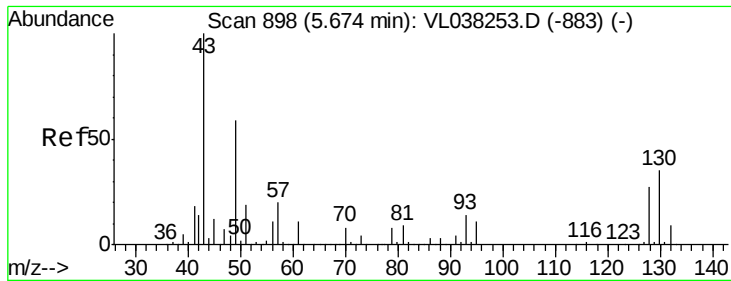
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3260844	9.737	ppbv	99
45) t-1,3-Dichloropropene	9.25	75	649942	11.901	ppbv	100
46) cis-1,3-Dichloropropene	8.68	75	804607	11.042	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	769691	10.167	ppbv	98
48) Dibromochloromethane	10.28	129	1323831	10.387	ppbv	98
49) Bromoform	13.01	173	995361	10.833	ppbv	98
50) 4-Methyl-2-Pentanone	8.72	43	1327038	10.588	ppbv	98
51) 2-Hexanone	10.11	43	586228	10.620	ppbv #	99
52) Tetrachloroethene	11.20	164	625569	9.551	ppbv	98
53) Toluene	9.78	91	2184484	10.385	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1137345	10.567	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.10	131	853389	10.160	ppbv	97
57) Chlorobenzene	12.12	112	1548836	10.086	ppbv	99
58) Ethyl Benzene	12.68	91	2898232	10.276	ppbv	99
59) m/p-Xylene	12.97	91	4929737m	20.487	ppbv	
60) o-Xylene	13.67	91	2315310	10.345	ppbv	100
61) Styrene	13.50	104	1200496	11.494	ppbv	99
62) Isopropylbenzene	14.64	105	3079372	10.321	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.65	83	1705742	10.301	ppbv	100
64) n-propylbenzene	15.53	120	790195	11.010	ppbv	98
65) tert-Butylbenzene	16.72	119	2664706m	10.844	ppbv	
66) Benzyl Chloride	16.96	91	143673	12.871	ppbv	98
67) sec-Butylbenzene	17.27	105	3736269	10.930	ppbv	100
69) p-Isopropyltoluene	17.63	119	3005460	11.489	ppbv	99
70) n-Butylbenzene	18.52	91	3019361	11.784	ppbv	100
71) 2-Chlorotoluene	15.42	91	2430543	10.999	ppbv	99
72) 4-Ethyltoluene	15.81	105	2664684	11.385	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	2366356	11.243	ppbv	98
74) 1,2,4-Trimethylbenzene	16.73	105	2456930	11.080	ppbv	96
75) 1,3-Dichlorobenzene	16.97	146	1369858	11.512	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1328407	11.531	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	1255000	11.356	ppbv	99
78) Hexachloro-1,3-Butadiene	23.34	225	663738m	8.638	ppbv	
79) Naphthalene	22.16	128	1226968	11.835	ppbv	97
80) Naphthalene,2-methyl-	24.95	142	245366	21.763	ppbv	91
81) 1,2,4-Trichlorobenzene	21.90	180	653355m	10.715	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0127ABS01

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

49 100

128 49.

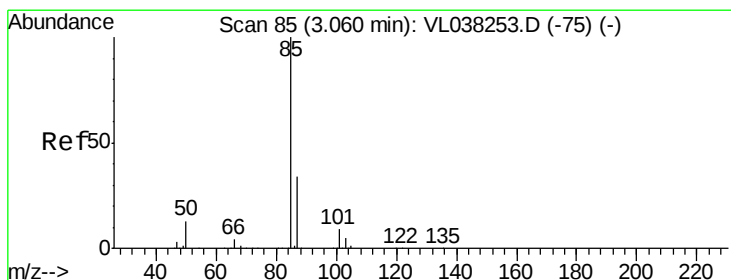
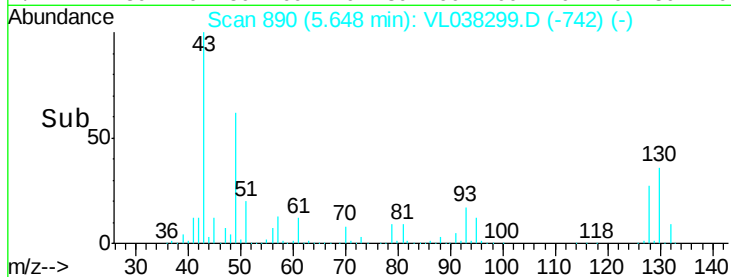
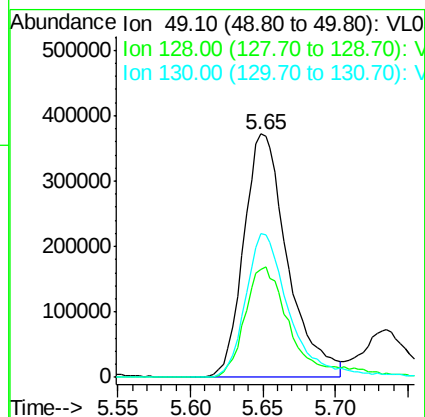
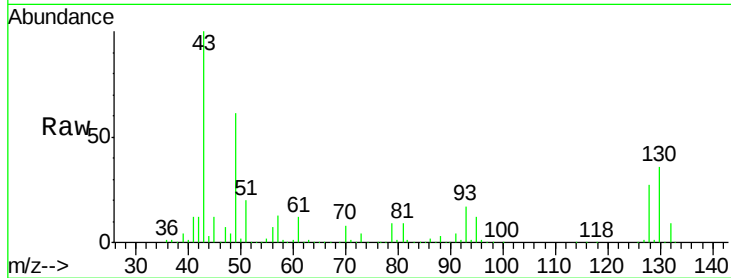
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#2

Dichlorodifluoromethane

Concen: 8.504 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL038299.D

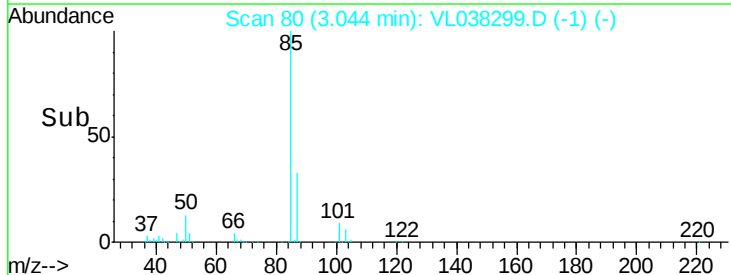
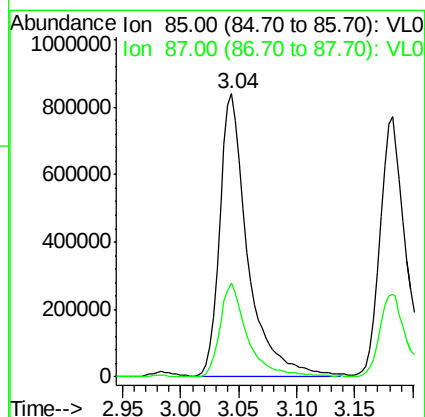
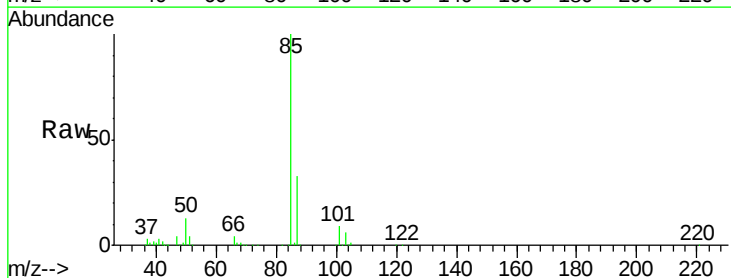
Acq: 27 Jan 2022 16:32

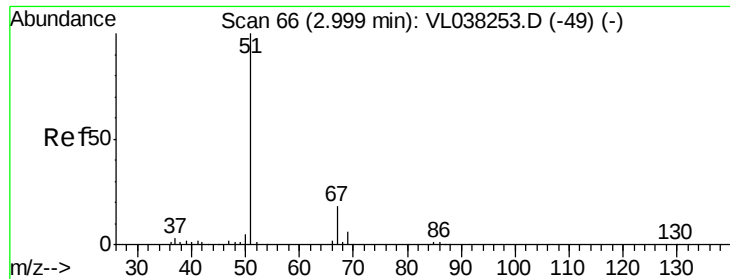
Tgt Ion: 85 Resp: 1411671

Ion Ratio Lower Upper

85 100

87 33.2 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.833 ppbv

RT: 2.98 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0127ABS01

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

51 100

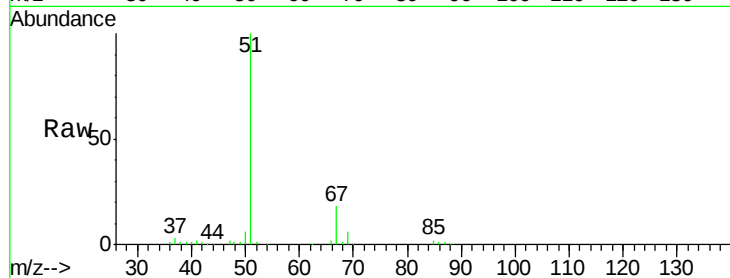
67 18.

Manual Integrations

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Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

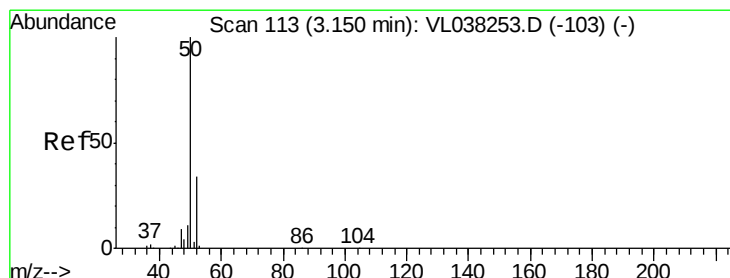
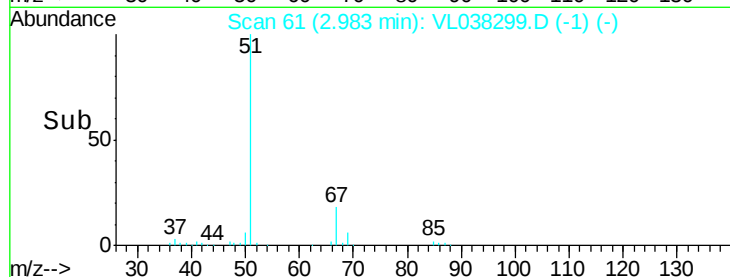
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 9.352 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.02 min

Lab File: VL038299.D

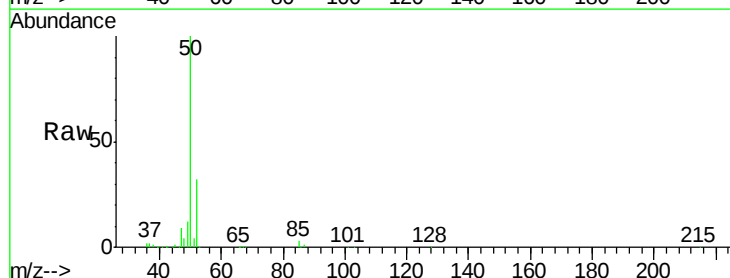
Acq: 27 Jan 2022 16:32

Tgt Ion: 50 Resp: 499458

Ion Ratio Lower Upper

50 100

52 32.7 27.1 40.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.13

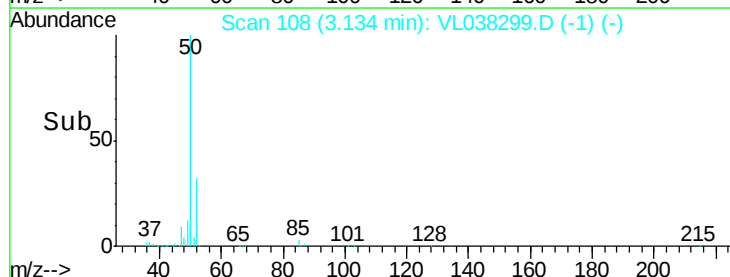
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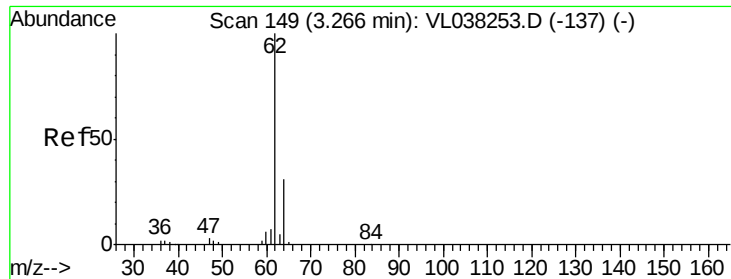
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 9.752 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:

Ion Ratio

62 100

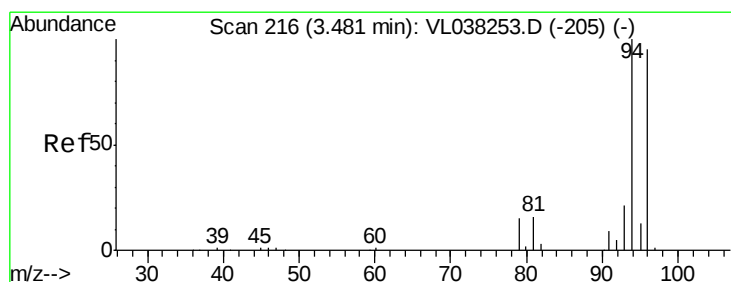
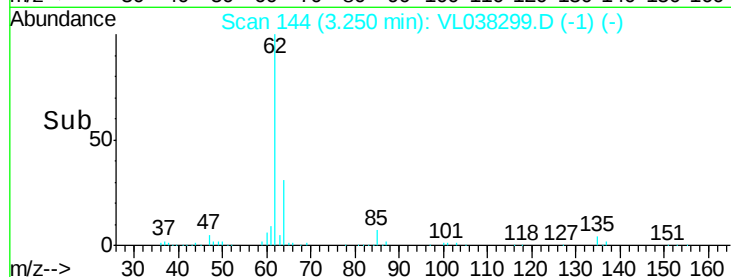
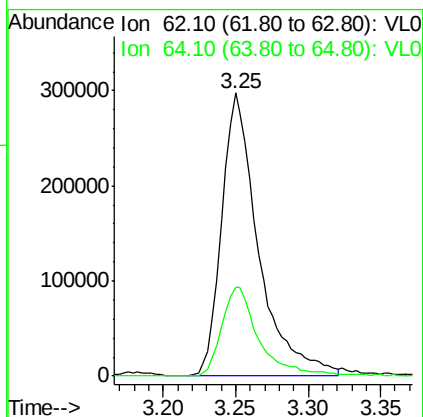
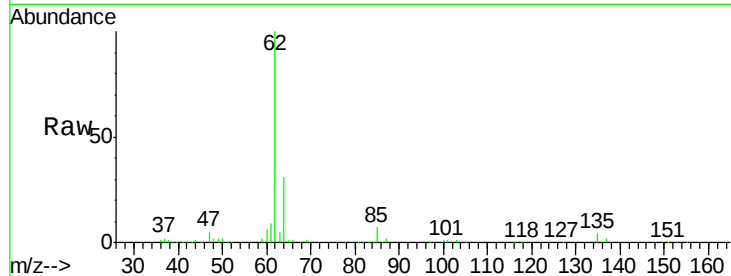
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#6

Bromomethane

Concen: 10.284 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.02 min

Lab File: VL038299.D

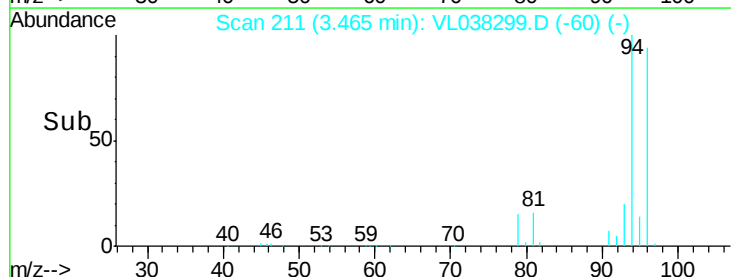
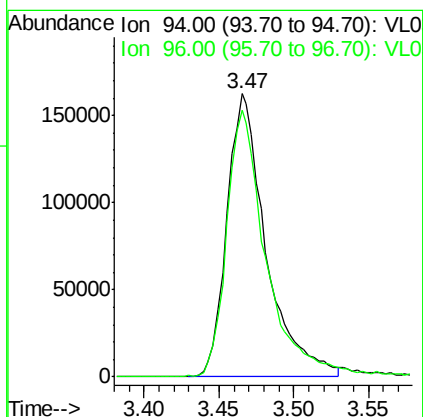
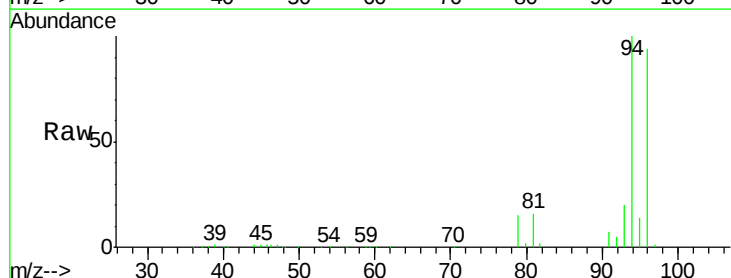
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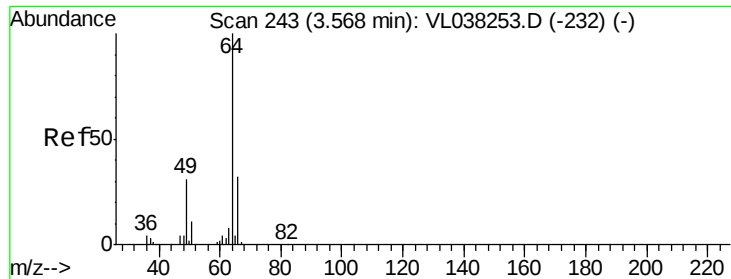
Tgt Ion: 94 Resp: 296352

Ion Ratio Lower Upper

94 100

96 93.8 76.0 114.0





#7

Chloroethane

Concen: 9.774 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0127ABS01

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

64 100

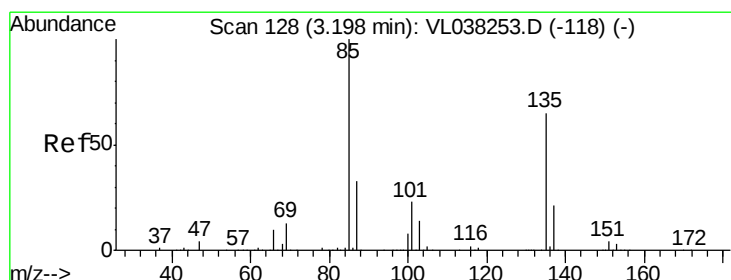
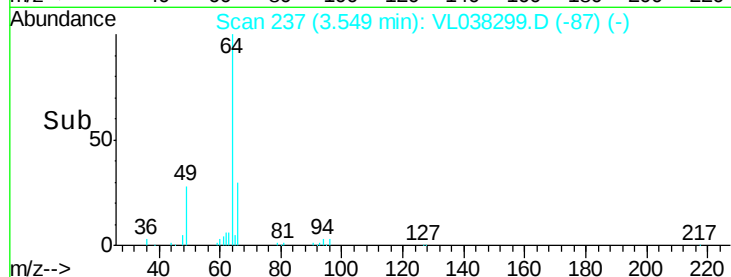
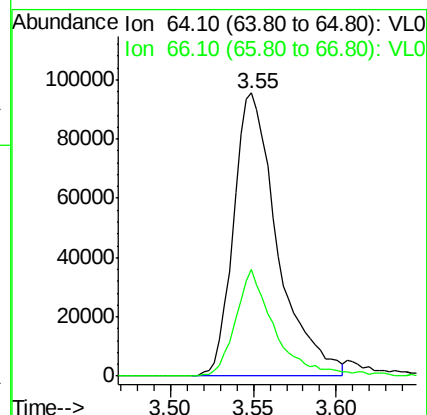
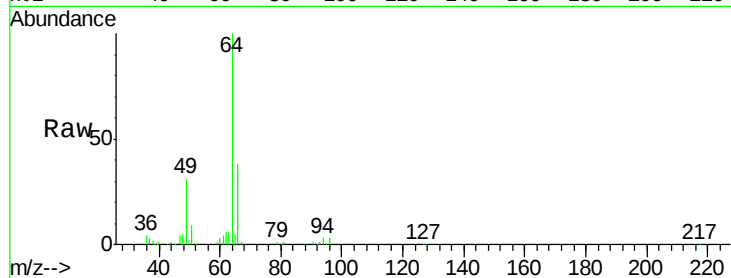
66 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#8

Dichlorotetrafluoroethane

Concen: 10.079 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.02 min

Lab File: VL038299.D

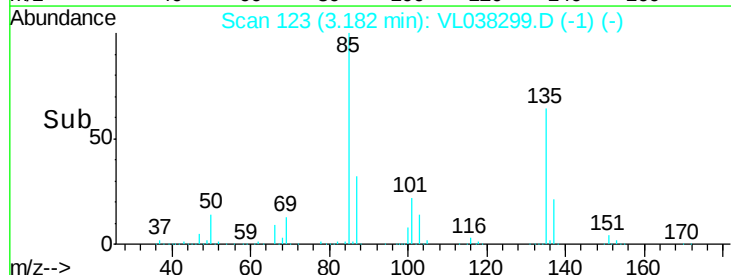
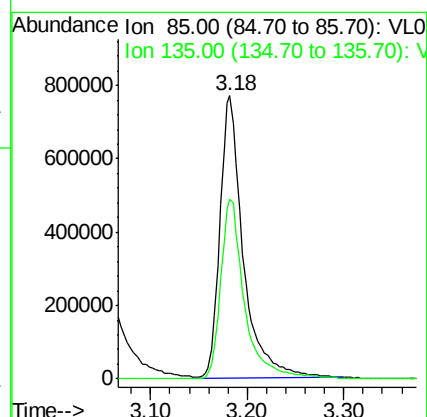
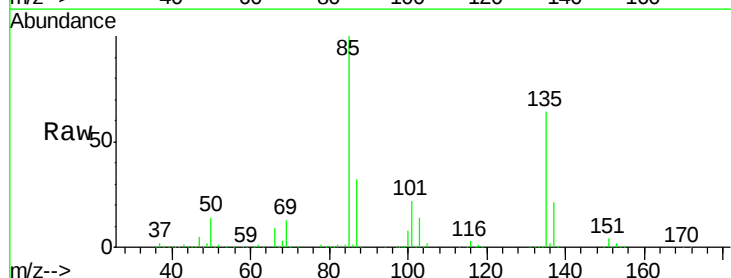
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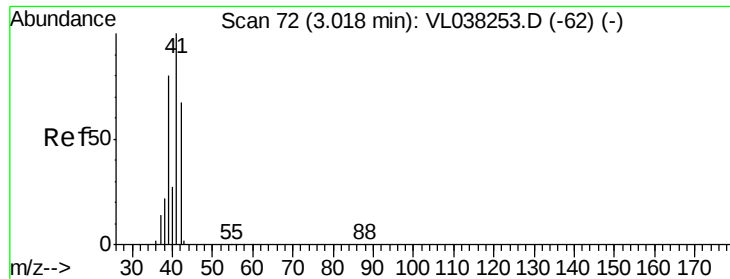
Tgt Ion: 85 Resp: 1294659

Ion Ratio Lower Upper

85 100

135 65.1 53.7 80.5



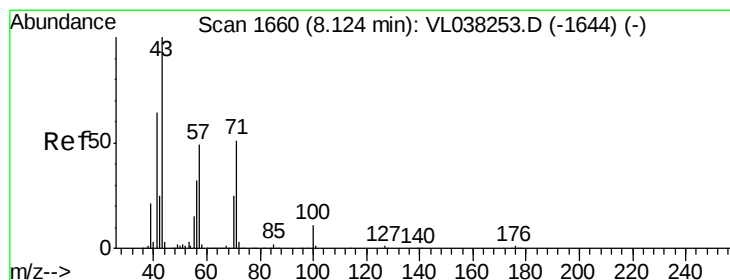
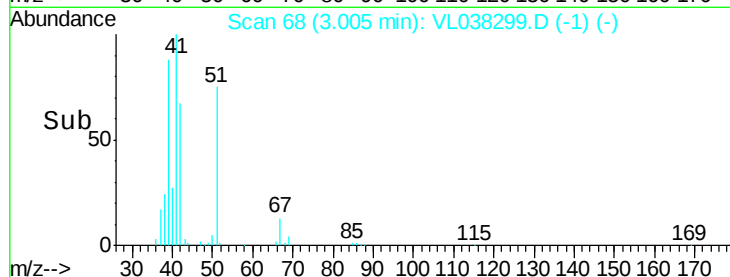
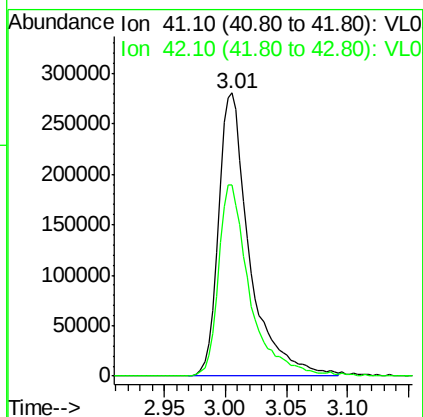
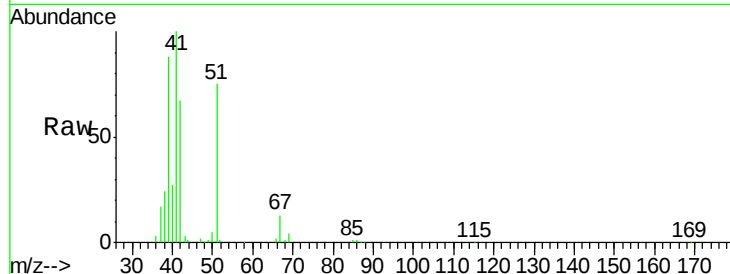


#9
 Propene
 Concen: 9.964 ppbv
 RT: 3.01 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 41 100
 42 68.

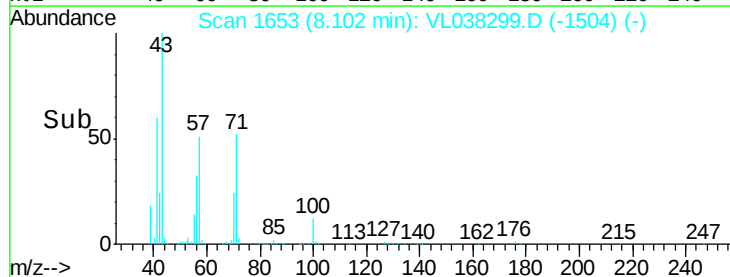
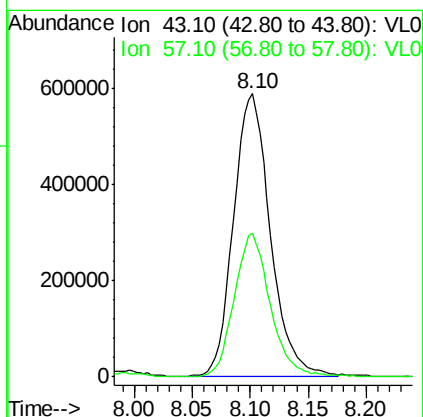
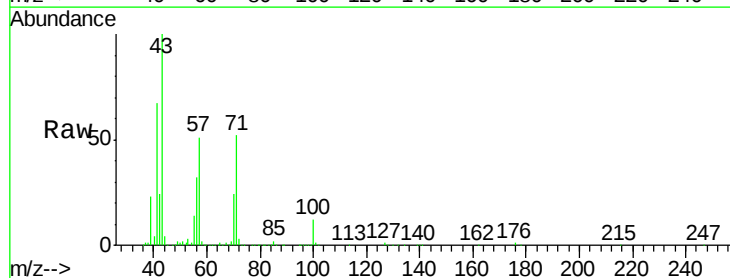
Manual Integrations
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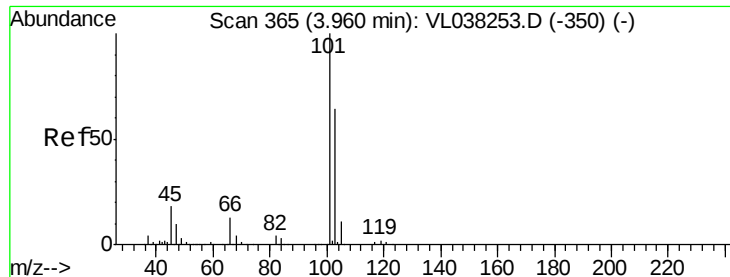
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#10
 Heptane
 Concen: 9.965 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T.: -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion: 43 Resp: 1295520
 Ion Ratio Lower Upper
 43 100
 57 49.3 39.5 59.3



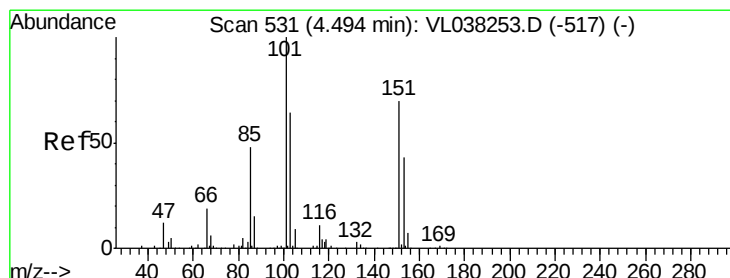
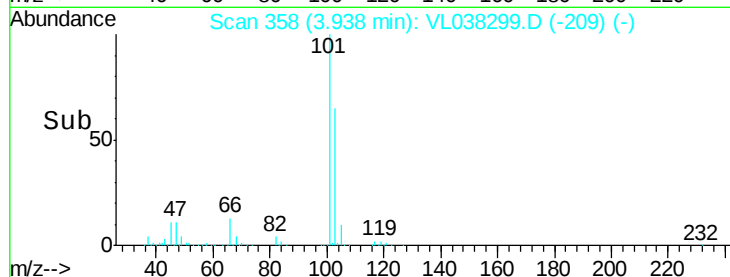
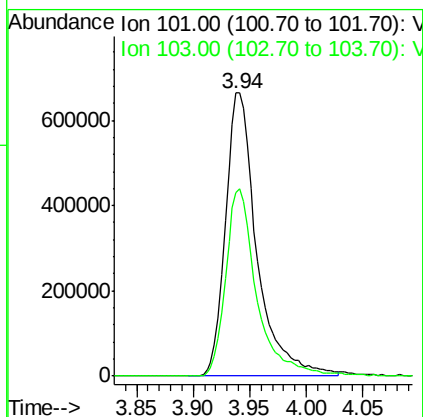
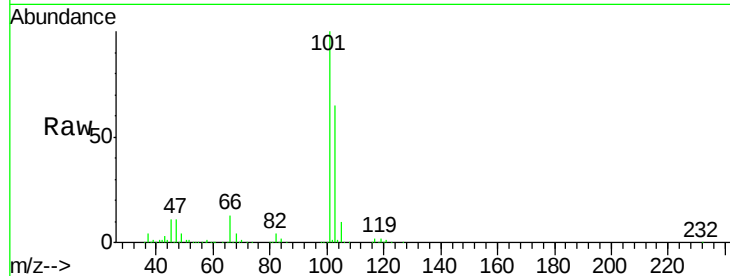


#11
 Trichlorofluoromethane
 Concen: 9.941 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:1
 Ion Rati
 101 100
 103 65.

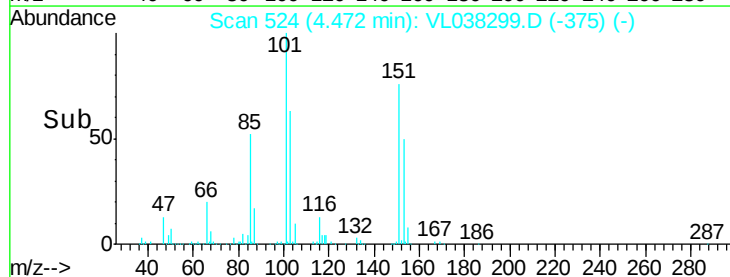
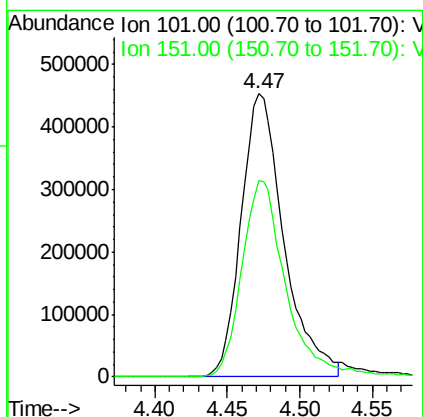
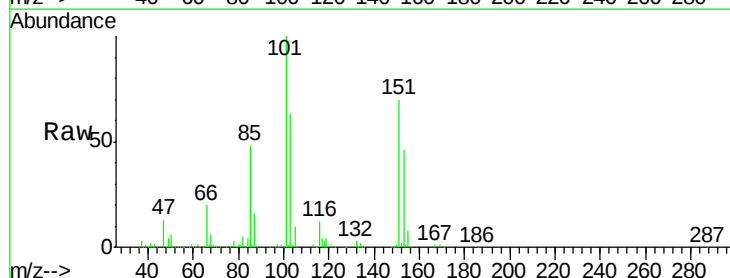
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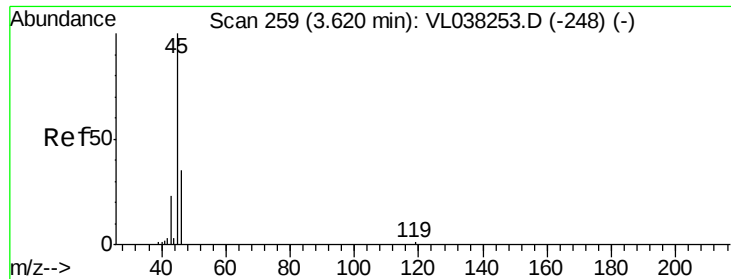
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.509 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion:101 Resp: 929531
 Ion Ratio Lower Upper
 101 100
 151 71.8 55.3 82.9



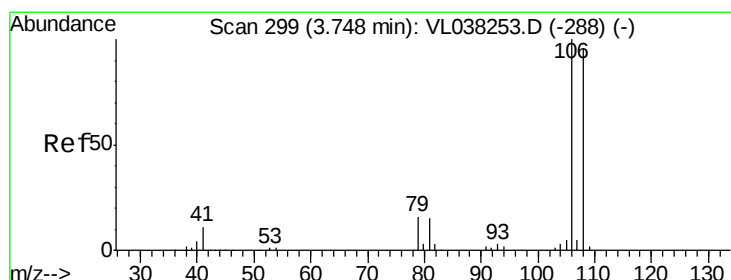
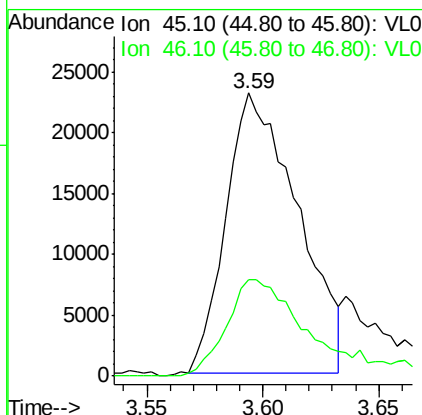
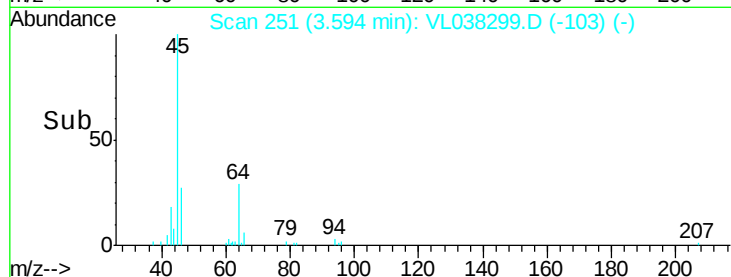
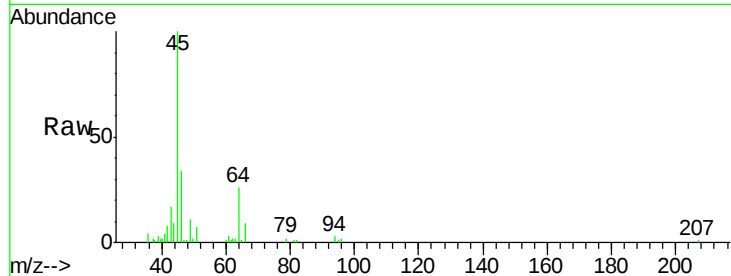


#13
Ethanol
Concen: 9.120 ppbv
RT: 3.59
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion:
Ion Ratio
45 100
46 45.

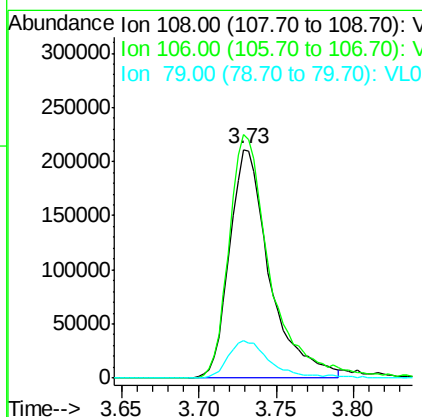
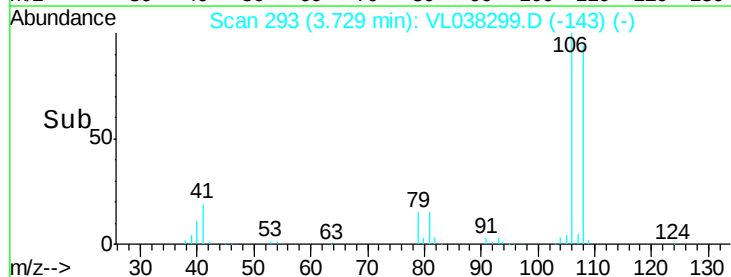
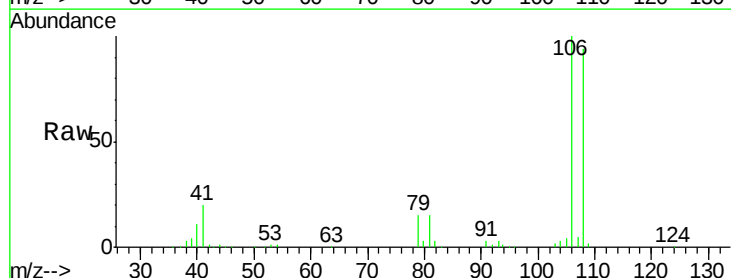
Manual Integrations
APPROVED

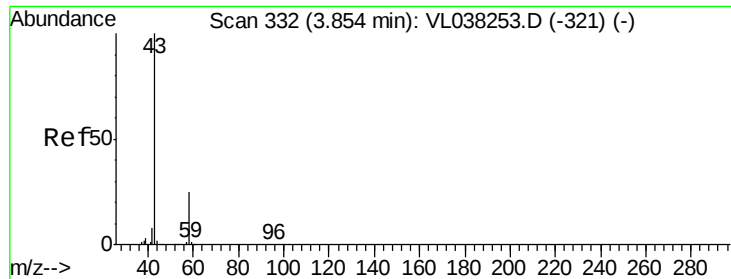
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#14
Bromoethene
Concen: 9.932 ppbv
RT: 3.73 min Scan# 293
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:108 Resp: 379382
Ion Ratio Lower Upper
108 100
106 111.2 86.4 129.6
79 18.1 14.1 21.1





#15

Acetone

Concen: 9.066 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

43 100

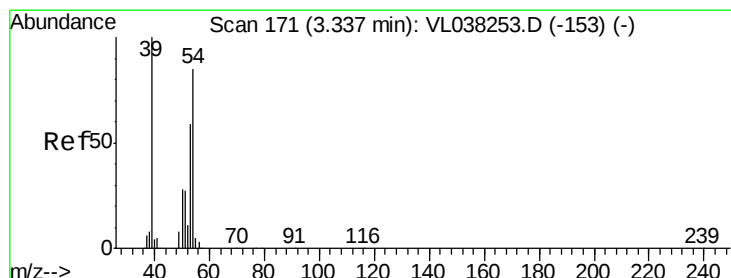
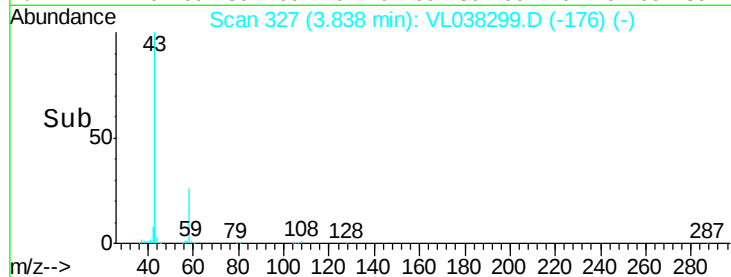
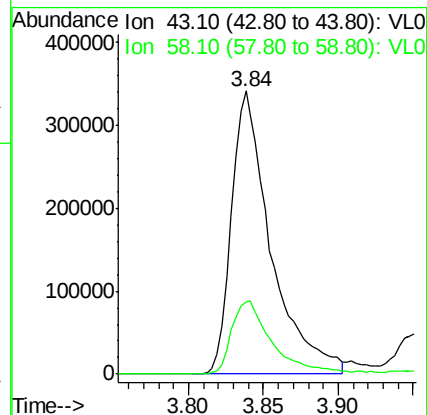
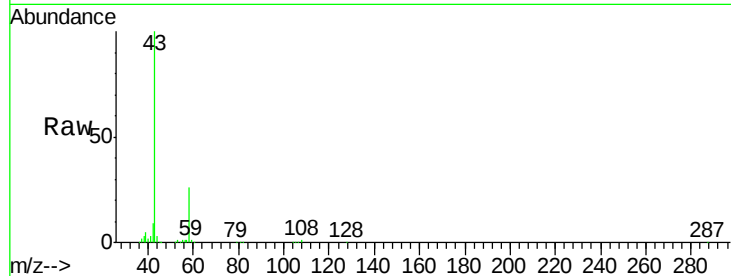
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#16

1,3-Butadiene

Concen: 10.011 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.02 min

Lab File: VL038299.D

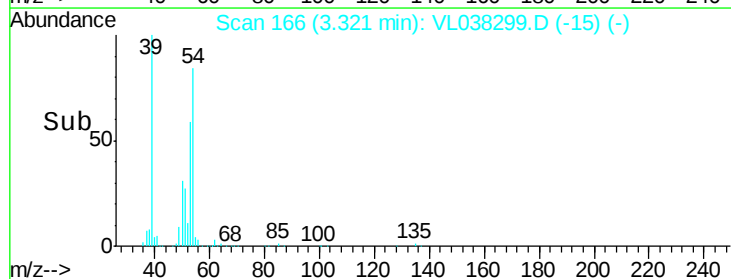
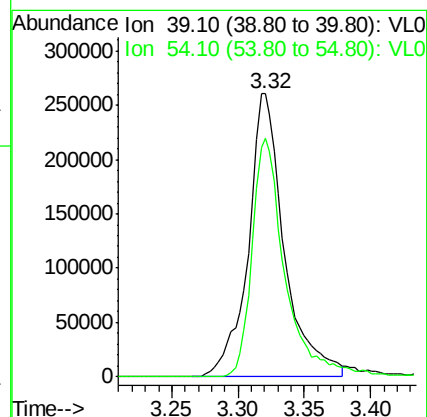
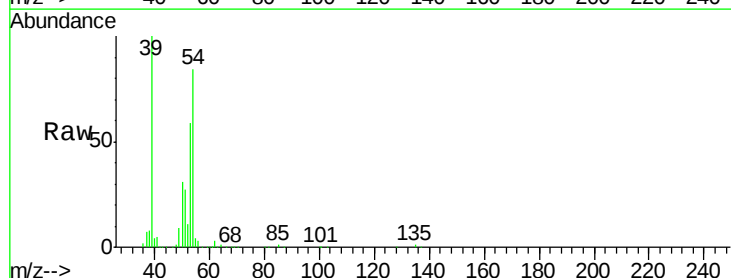
Acq: 27 Jan 2022 16:32

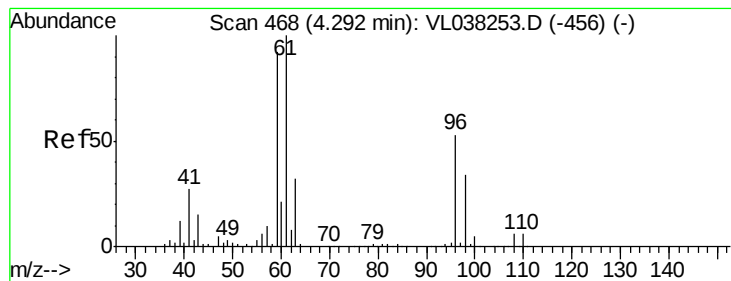
Tgt Ion: 39 Resp: 493790

Ion Ratio Lower Upper

39 100

54 78.0 62.6 94.0



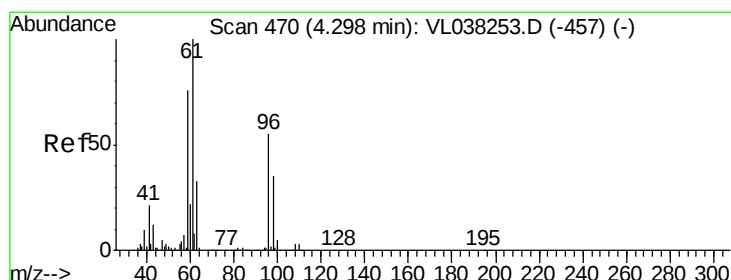
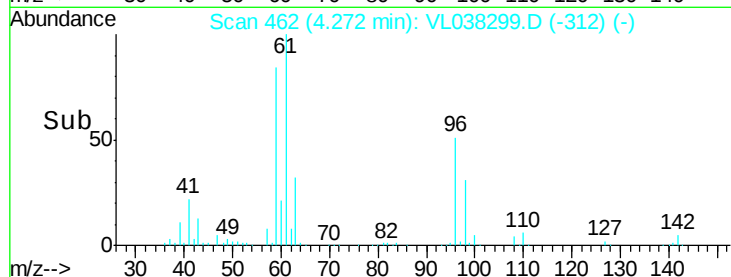
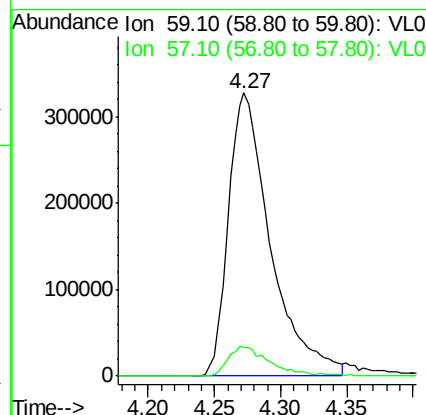
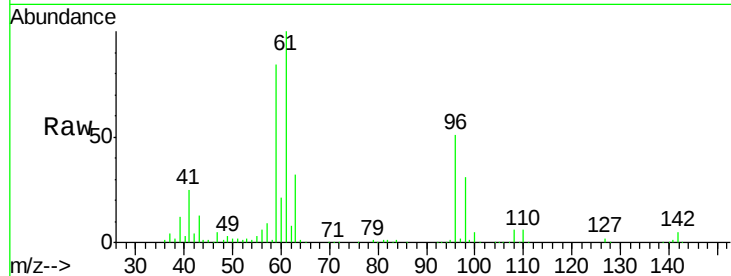


#17
 tert-Butyl alcohol
 Concen: 9.589 ppbv
 RT: 4.27
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

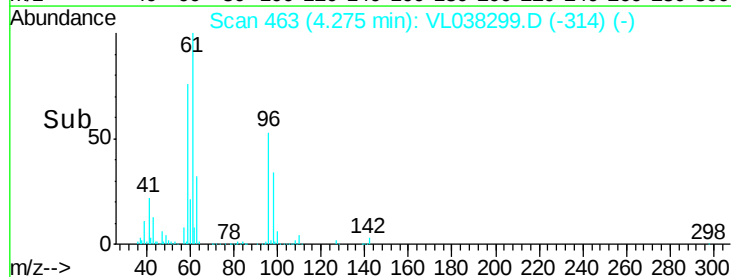
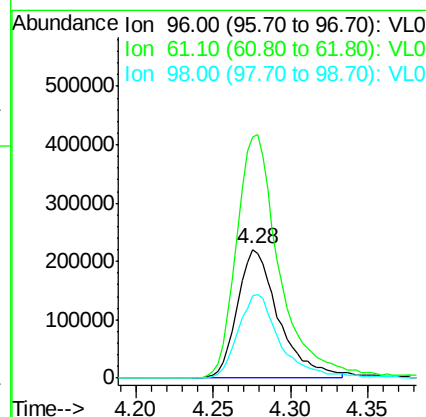
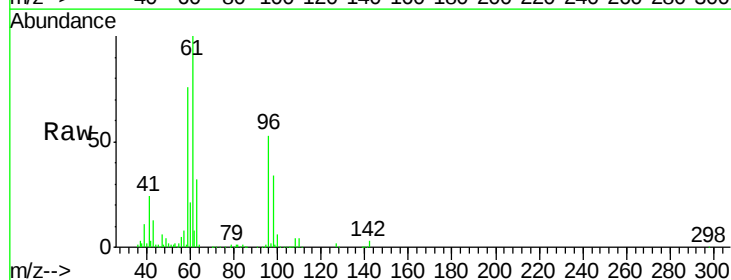
Manual Integrations
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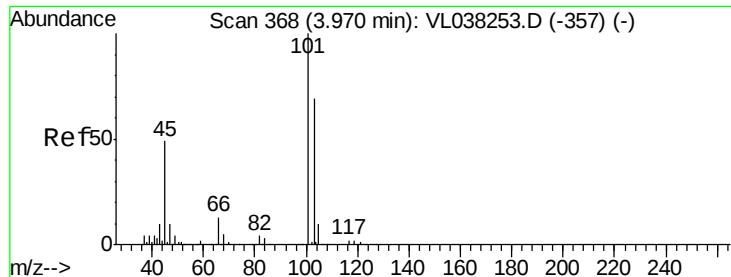
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#18
 1,1-Dichloroethene
 Concen: 9.633 ppbv
 RT: 4.28 min Scan# 463
 Delta R.T. -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion: 96 Resp: 409464
 Ion Ratio Lower Upper
 96 100
 61 187.0 146.5 219.7
 98 63.5 51.9 77.9





#19

Isopropyl Alcohol

Concen: 9.502 ppbv

RT: 3.95 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:

Ion Ratio

45 100

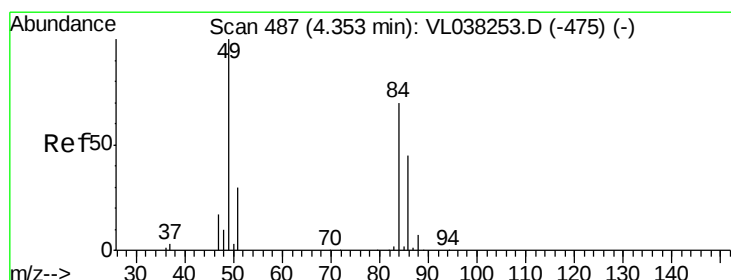
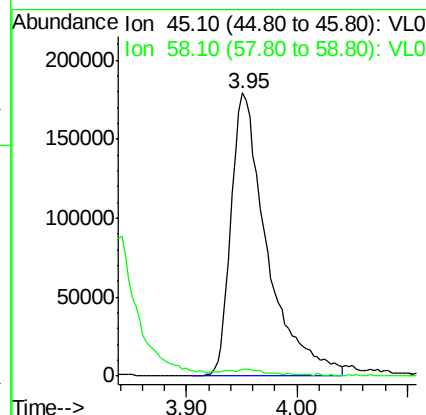
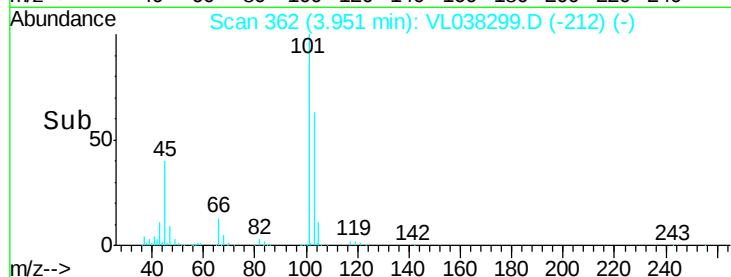
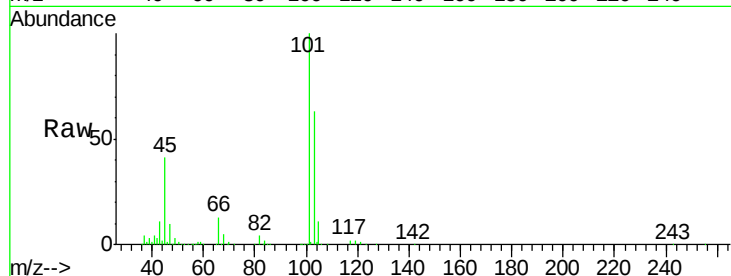
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#20

Methylene Chloride

Concen: 8.292 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.02 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion: 84 Resp: 331494

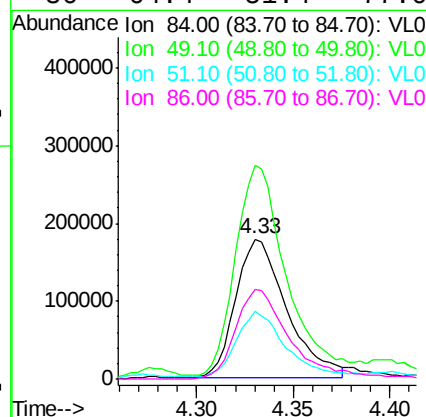
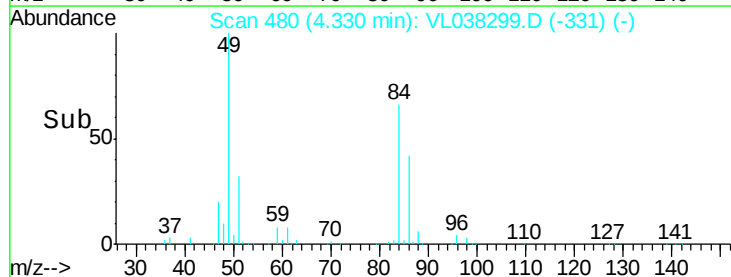
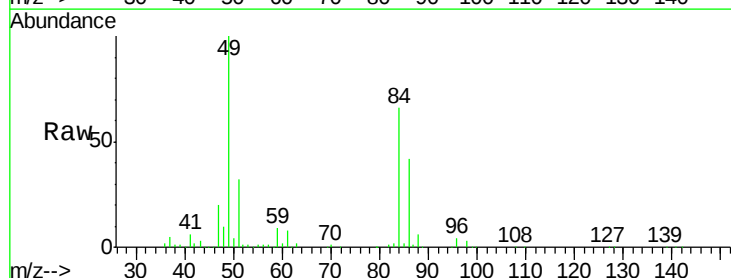
Ion Ratio Lower Upper

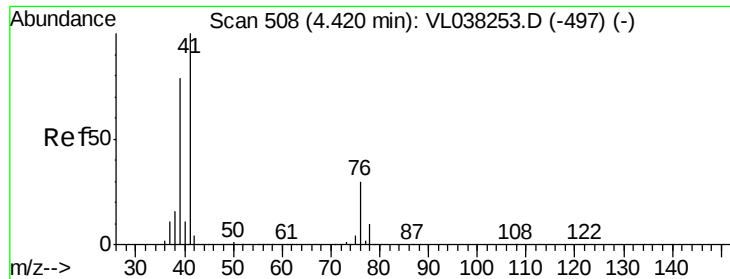
84 100

49 150.7 115.0 172.6

51 47.1 35.0 52.6

86 64.4 51.4 77.0





#21

Allyl Chloride

Concen: 10.201 ppbv

RT: 4.40

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

41 100

76 31.

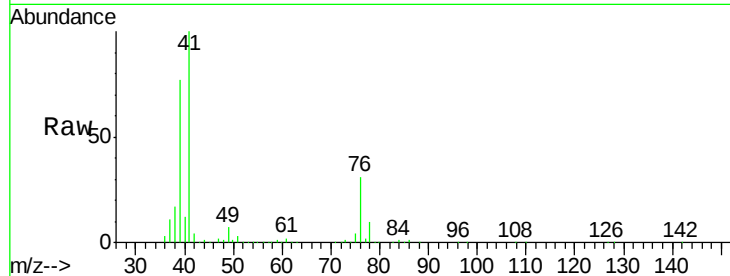
39 81.

Manual Integrations

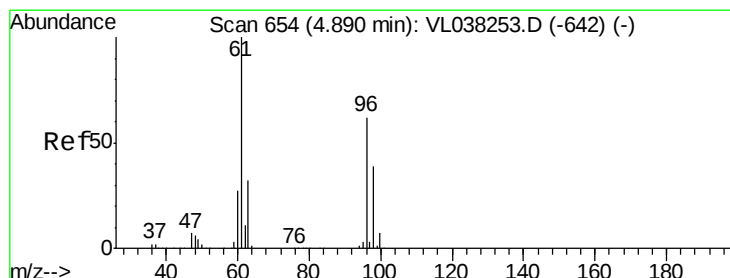
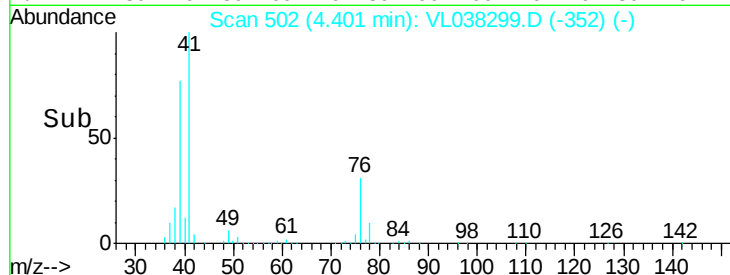
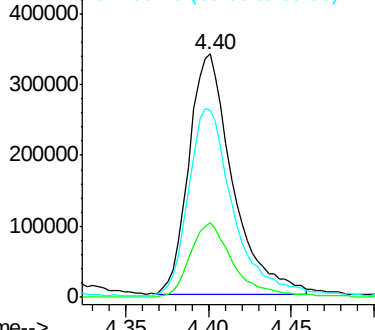
APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0



#22

trans-1,2-Dichloroethene

Concen: 9.938 ppbv

RT: 4.87 min Scan# 648

Delta R.T. -0.02 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

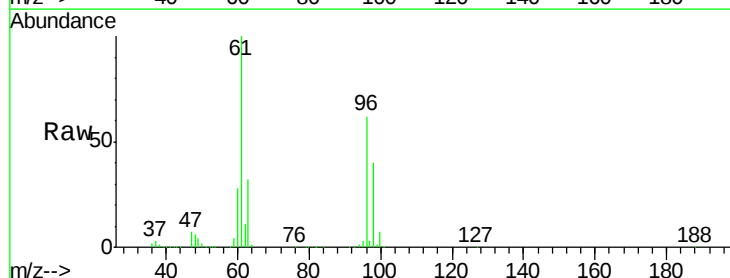
Tgt Ion: 96 Resp: 436477

Ion Ratio Lower Upper

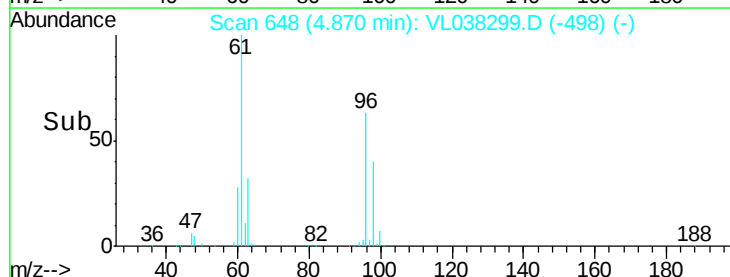
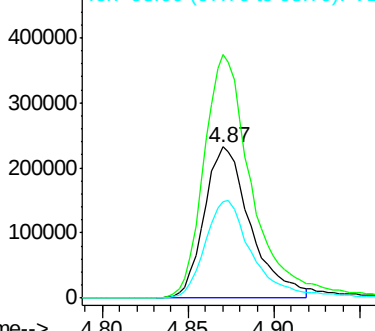
96 100

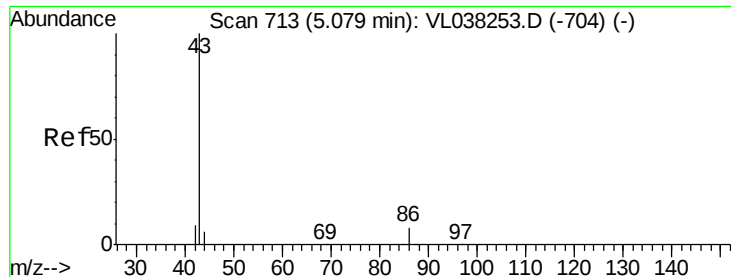
61 160.9 128.8 193.2

98 64.0 49.8 74.8



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



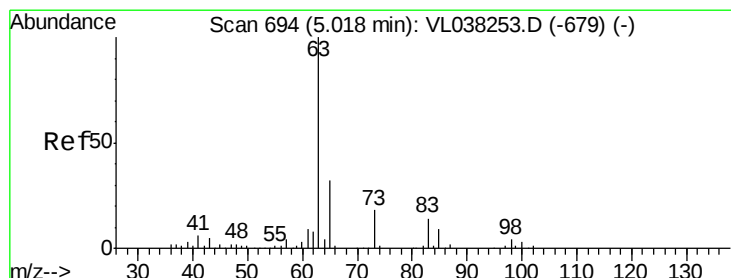
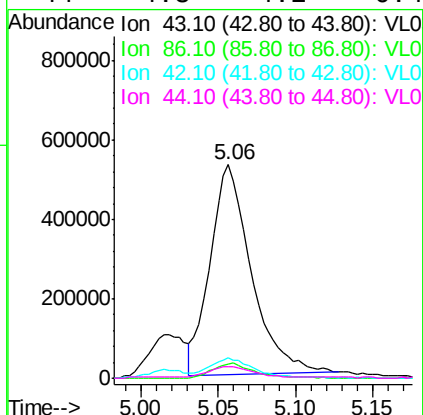
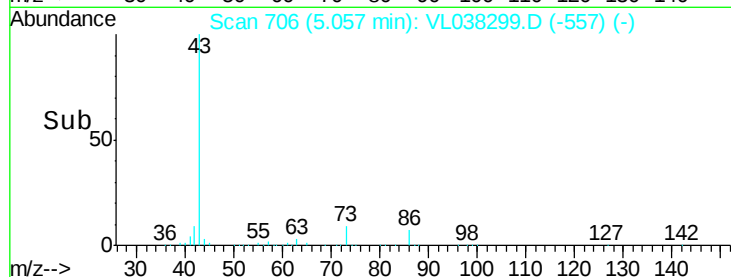
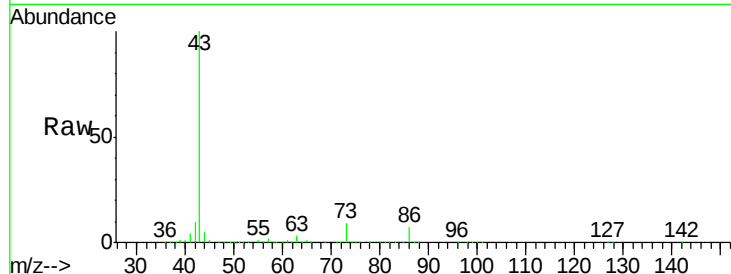


#23
 Vinyl Acetate
 Concen: 9.866 ppbv
 RT: 5.06
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion: 43
 Ion Ratio: 100
 86 6.
 42 9.
 44 4.8 4.2 6.4

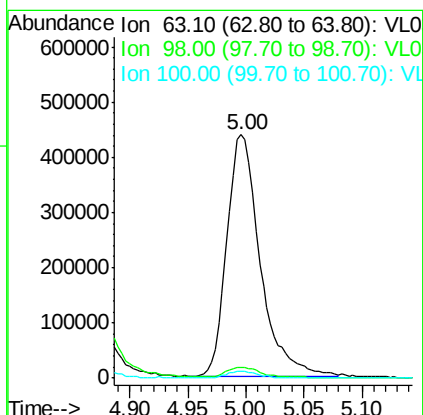
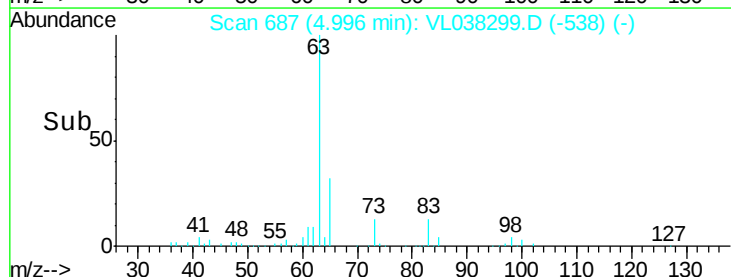
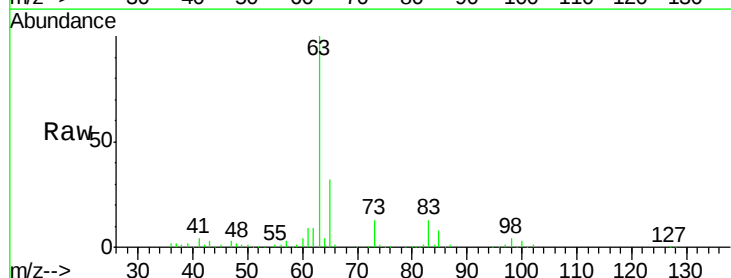
Manual Integrations
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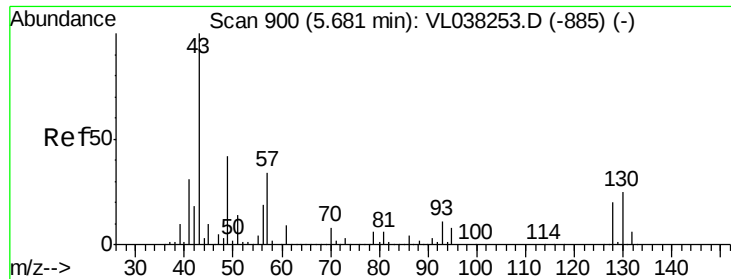
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.822 ppbv
 RT: 5.00 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion: 63 Resp: 874516
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.3 6.8
 100 2.8 1.3 3.9



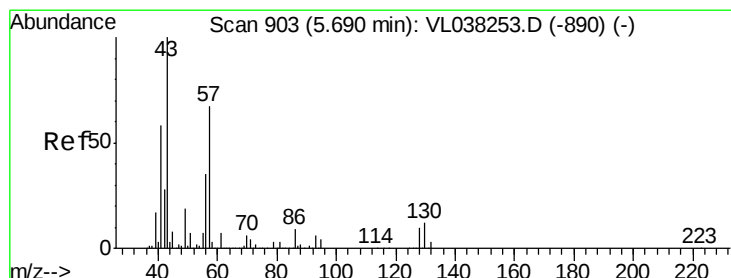
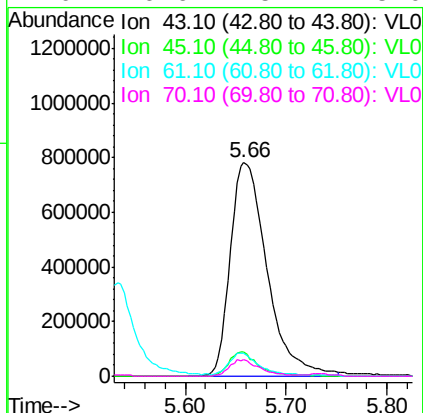
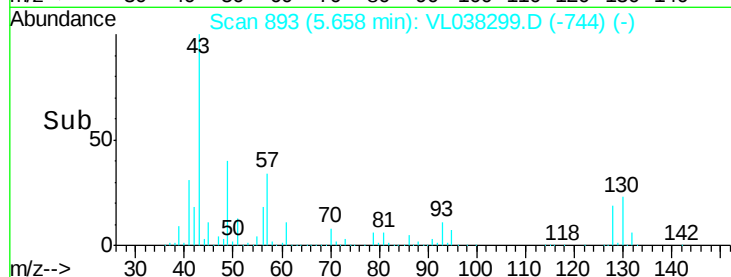
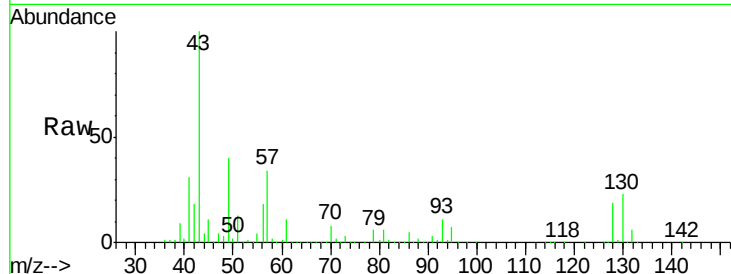


#25
Ethyl Acetate
Concen: 10.257 ppbv
RT: 5.66
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 9.
70 6.6 5.4 8.0

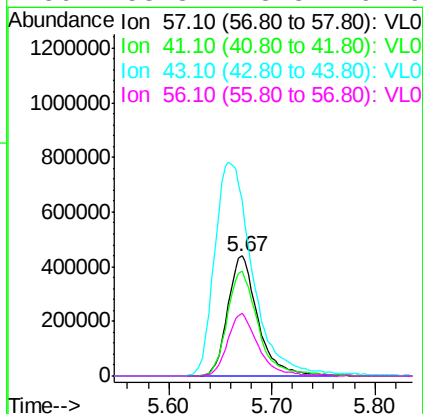
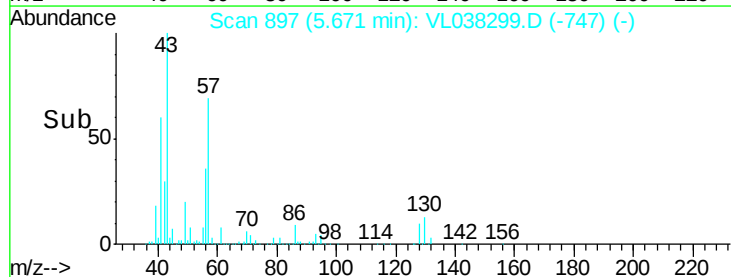
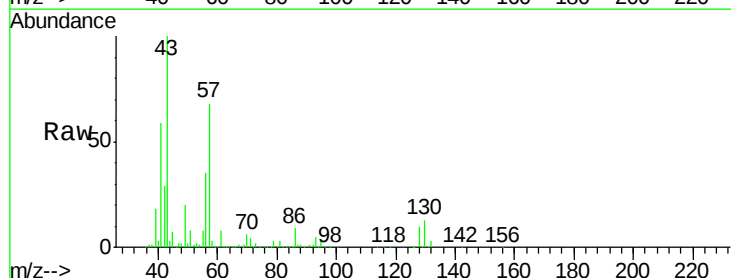
Manual Integrations
APPROVED

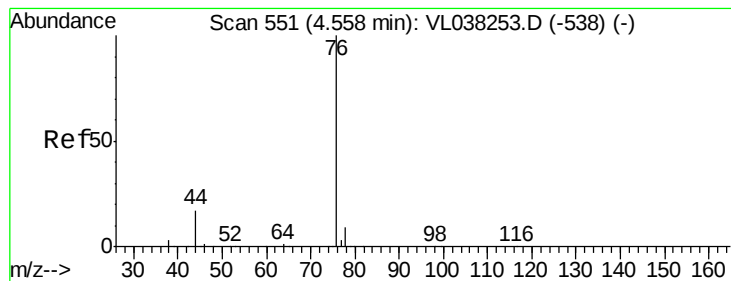
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#26
Hexane
Concen: 10.025 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 57
Ion Ratio: 100
41 90.6 72.8 109.2
43 223.5 177.0 265.6
56 53.3 43.3 64.9





#27

Carbon Disulfide

Concen: 10.197 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0127ABS01

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

76 100

44 19.

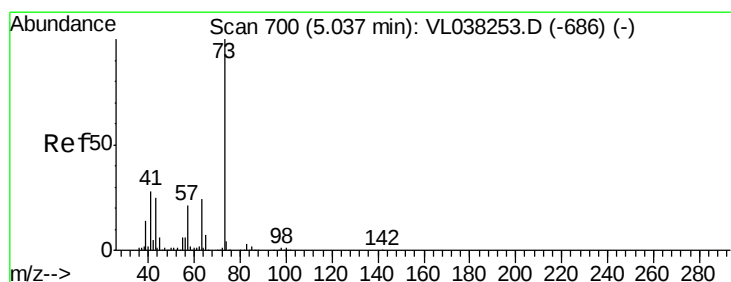
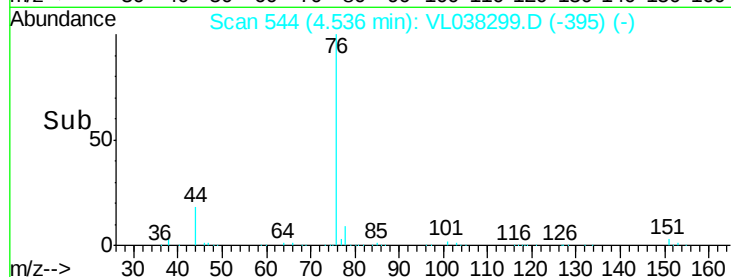
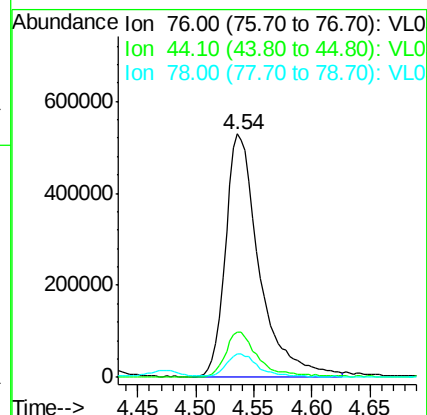
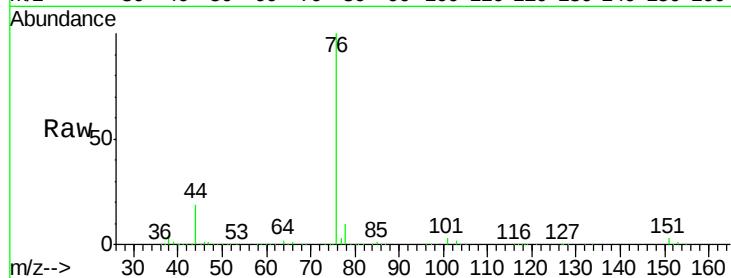
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#28

Methyl tert-Butyl Ether

Concen: 9.797 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: VL038299.D

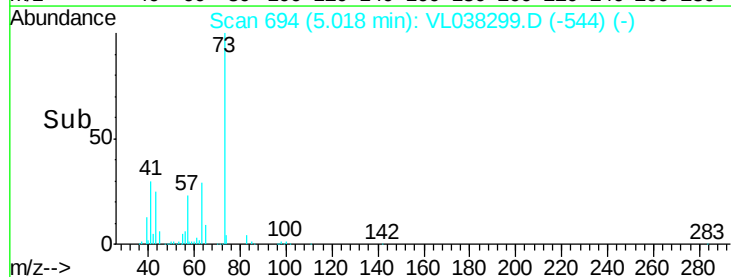
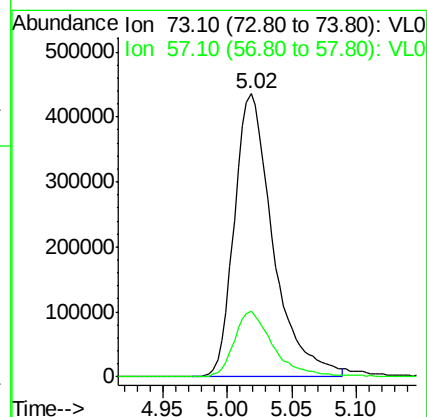
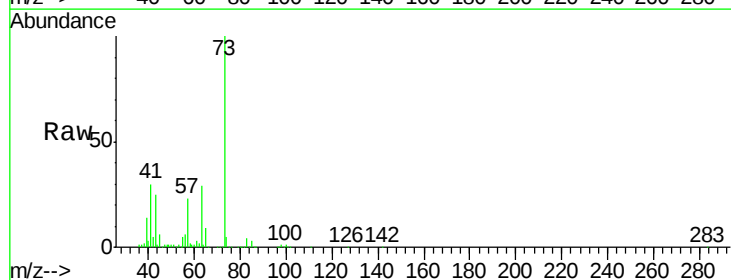
Acq: 27 Jan 2022 16:32

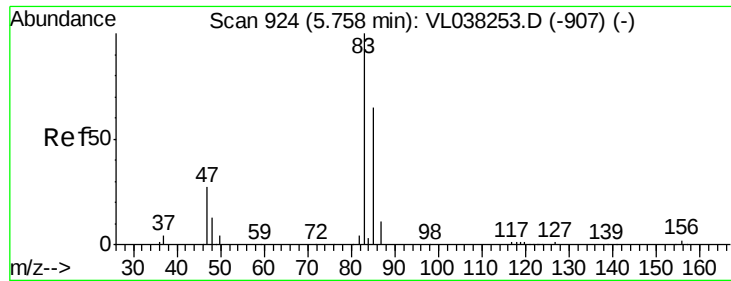
Tgt Ion: 73 Resp: 909801

Ion Ratio Lower Upper

73 100

57 23.8 18.2 27.4



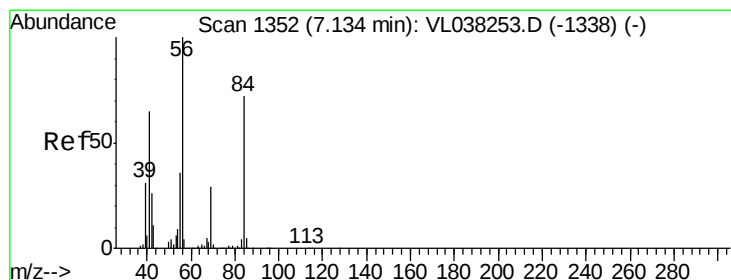
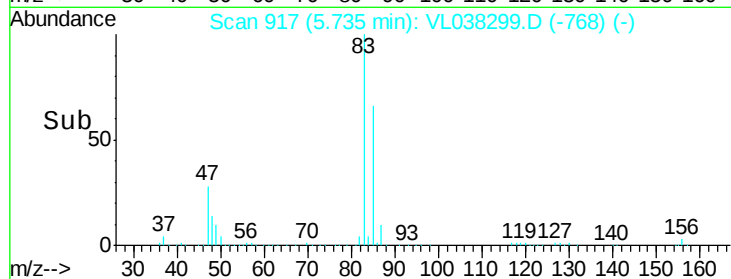
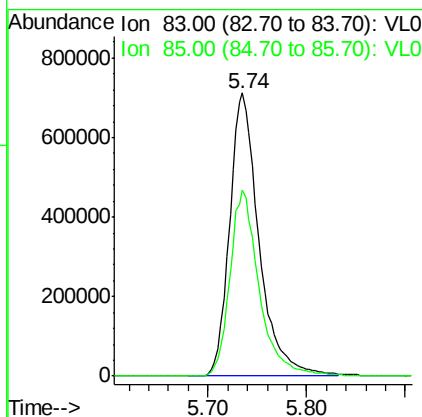
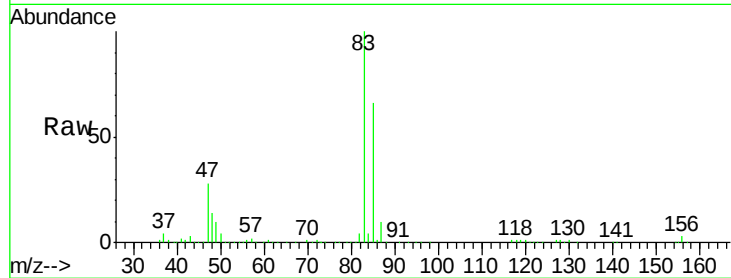


#29
Chloroform
Concen: 10.131 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion:
Ion Ratio
83 100
85 65.

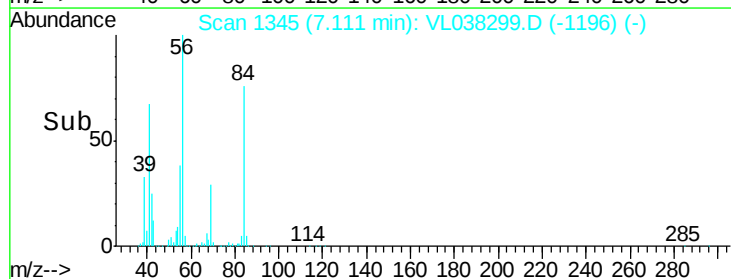
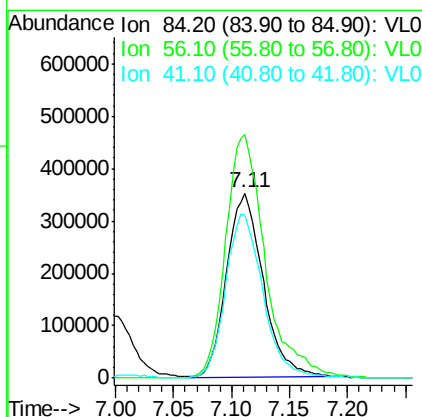
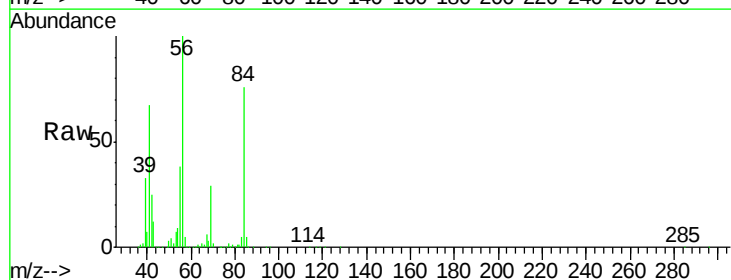
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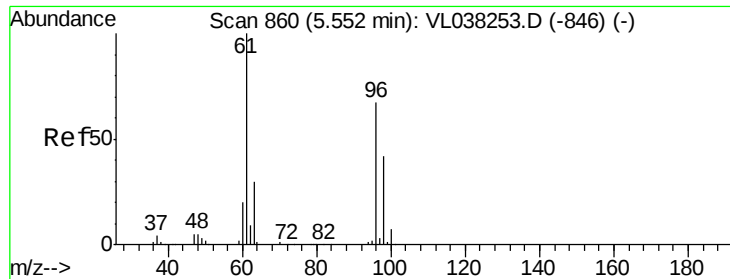
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#30
Cyclohexane
Concen: 9.883 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 84 Resp: 770313
Ion Ratio Lower Upper
84 100
56 144.3 112.7 169.1
41 91.5 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 9.274 ppbv

RT: 5.53 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:

Ion Ratio

61 100

96 67.

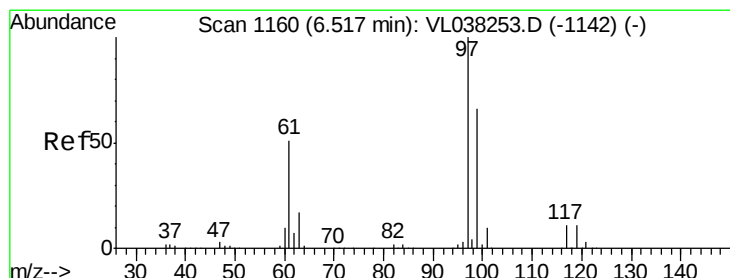
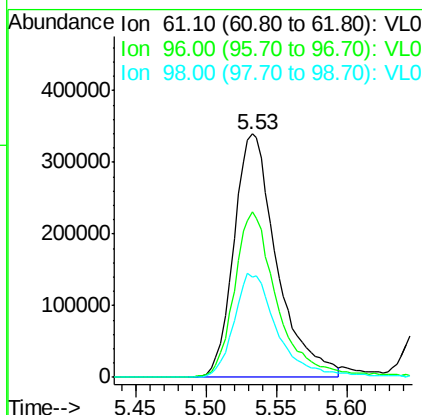
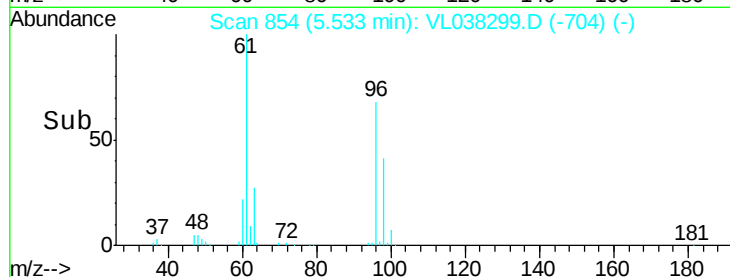
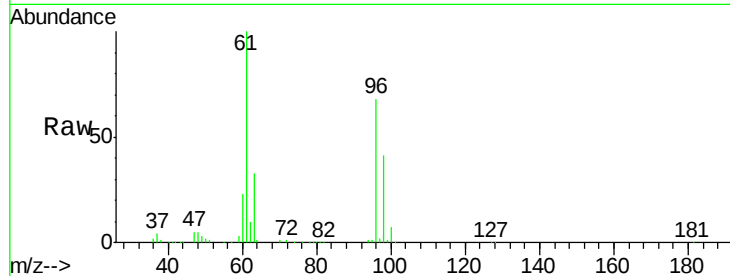
98 41.

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Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#32

1,1,1-Trichloroethane

Concen: 10.064 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

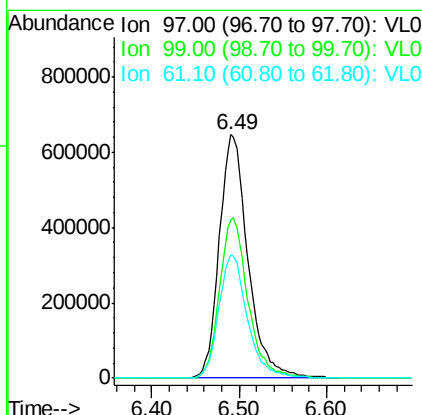
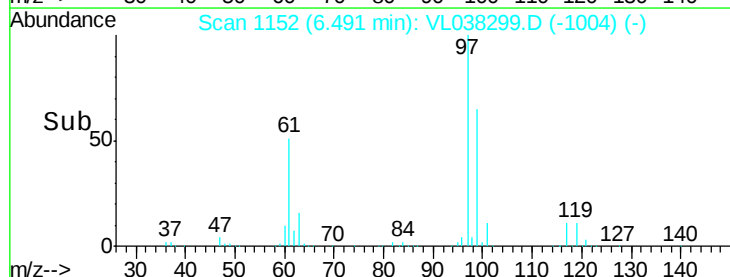
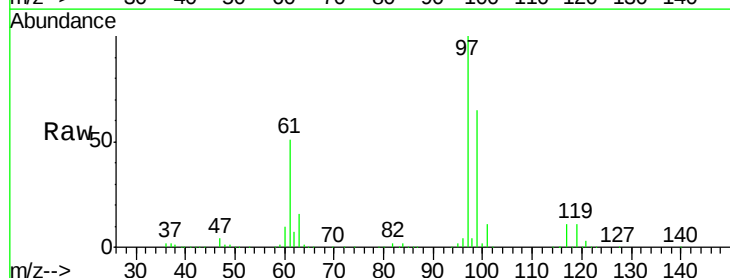
Tgt Ion: 97 Resp: 1468785

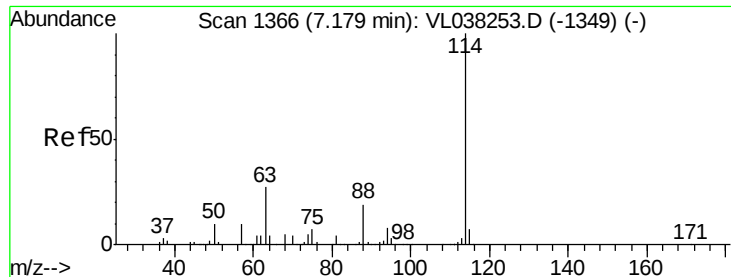
Ion Ratio Lower Upper

97 100

99 65.4 51.5 77.3

61 50.6 40.5 60.7



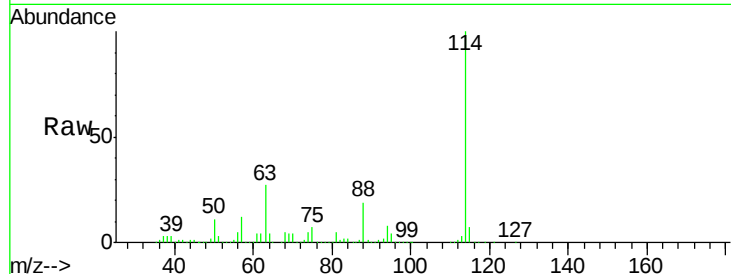


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

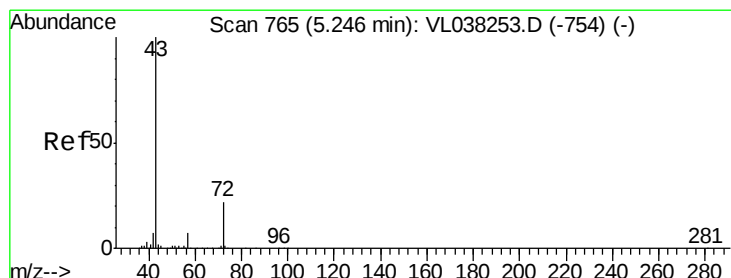
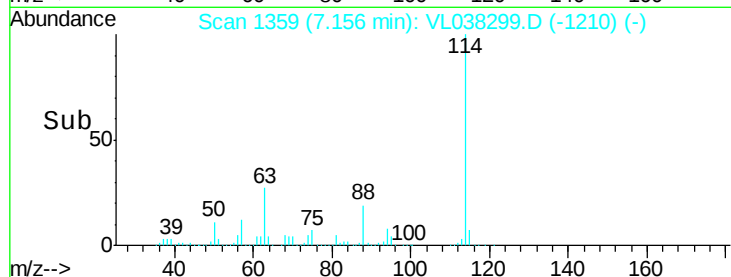
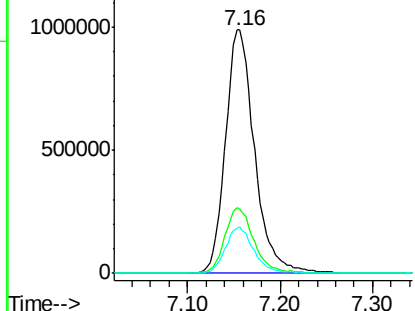
Tgt Ion: 114
 Ion Ratio: 100
 63 27.1
 88 18.1

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 Supervised By : Mahesh Dadoda 01/28/2022

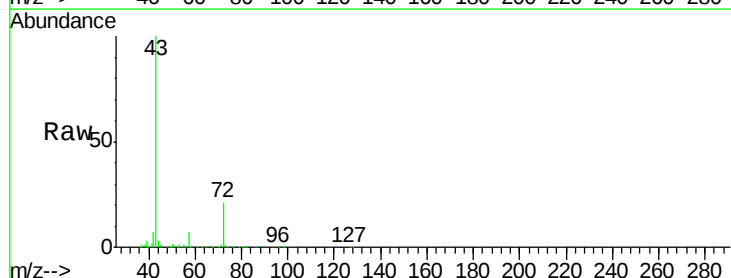


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

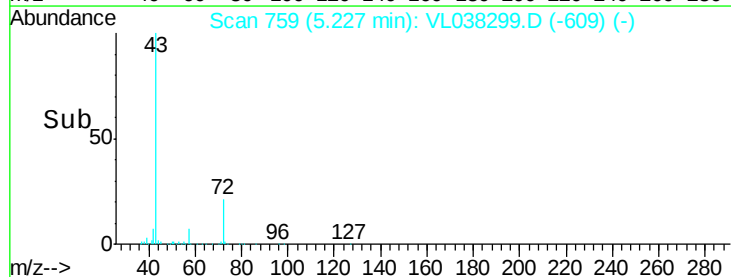
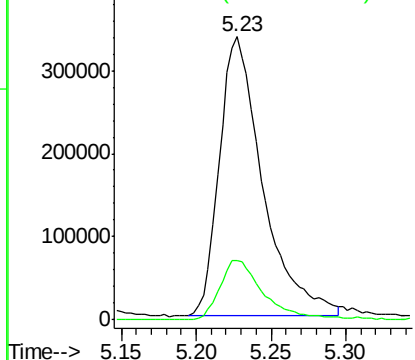


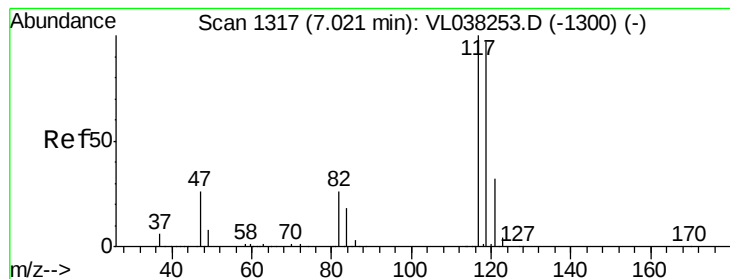
#34
 2-Butanone
 Concen: 9.652 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion: 43 Resp: 678148
 Ion Ratio Lower Upper
 43 100
 72 22.7 18.1 27.1



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 10.148 ppbv

RT: 7.00 Instrument :

Delta R.T. MSVOA_L

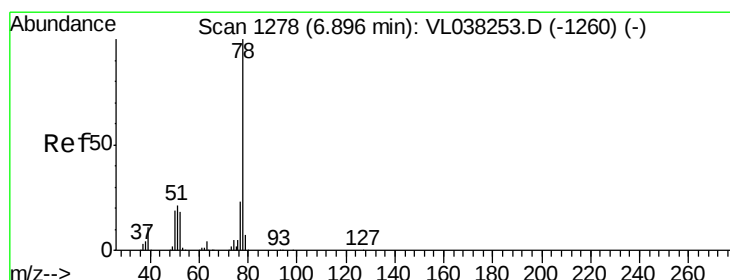
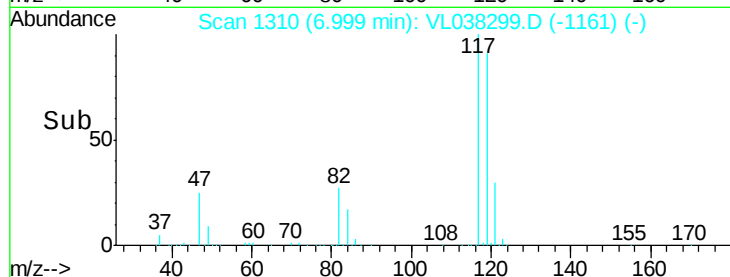
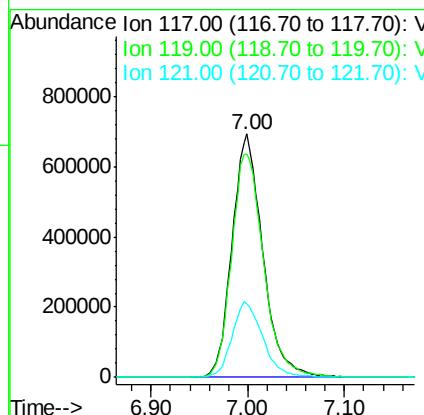
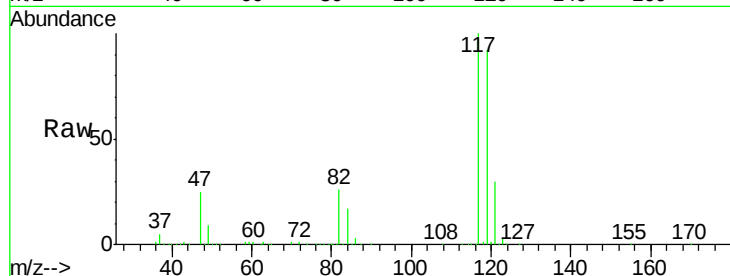
Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:1
Ion Rati
117 100
119 91.
121 30.

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Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#36

Benzene

Concen: 10.184 ppbv

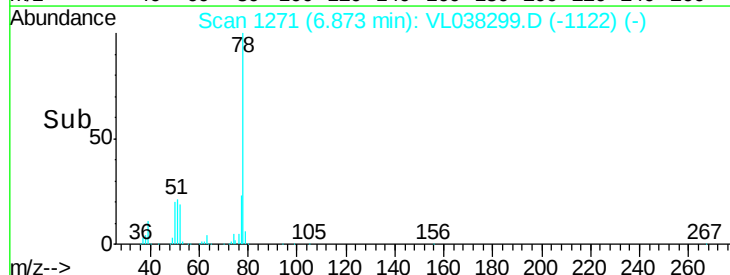
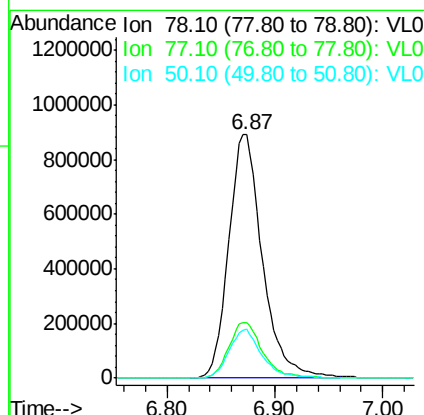
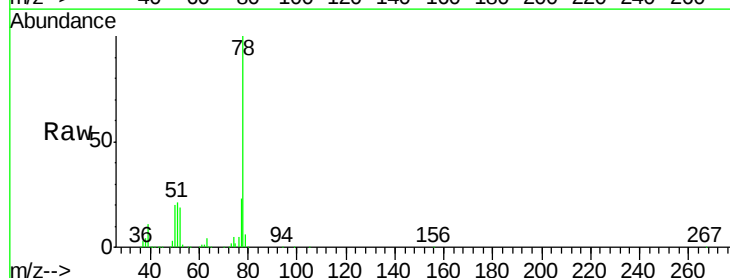
RT: 6.87 min Scan# 1271

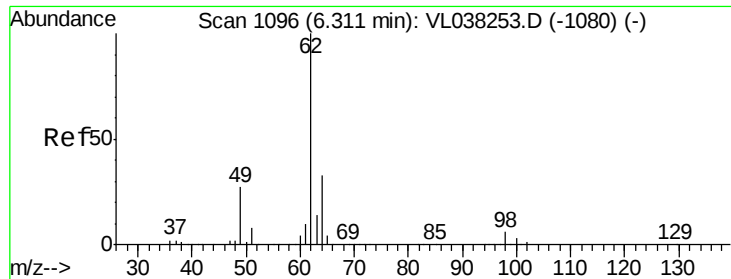
Delta R.T. -0.02 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion: 78 Resp: 1935417
Ion Ratio Lower Upper
78 100
77 22.6 18.2 27.2
50 20.0 15.1 22.7



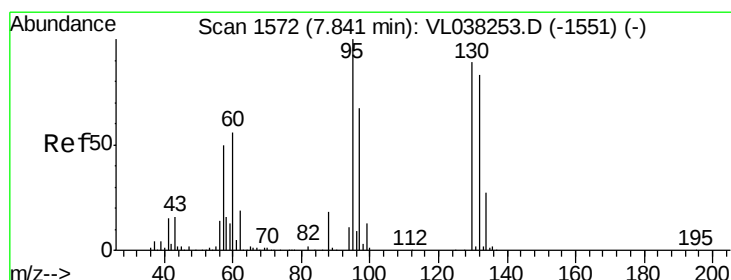
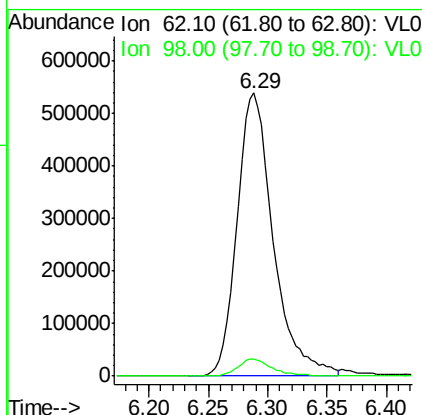
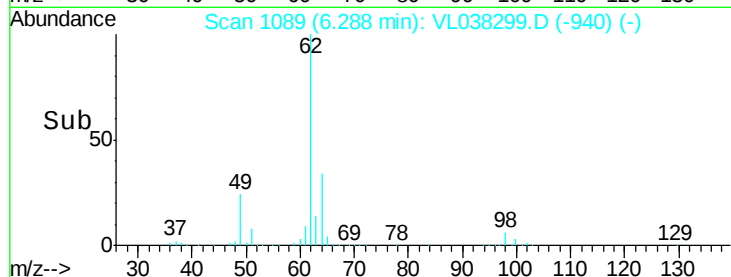
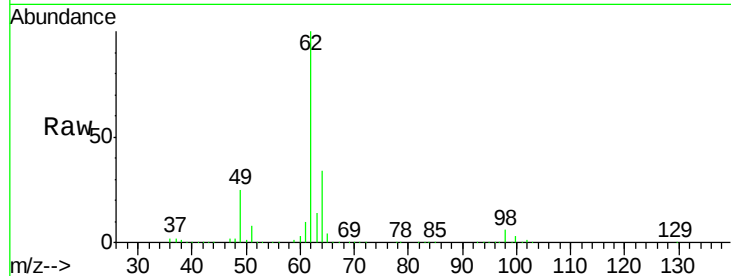


#37
 1,2-Dichloroethane
 Concen: 10.443 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 62 100
 98 6.

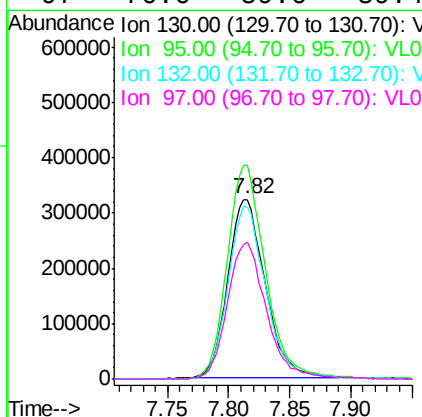
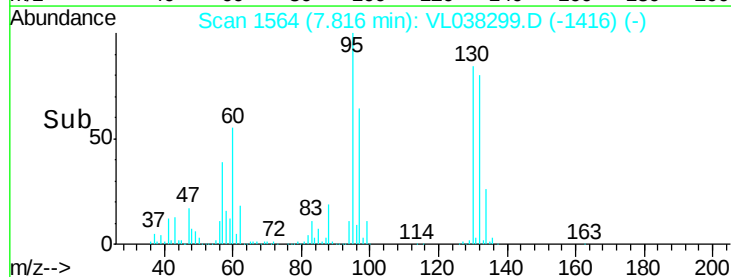
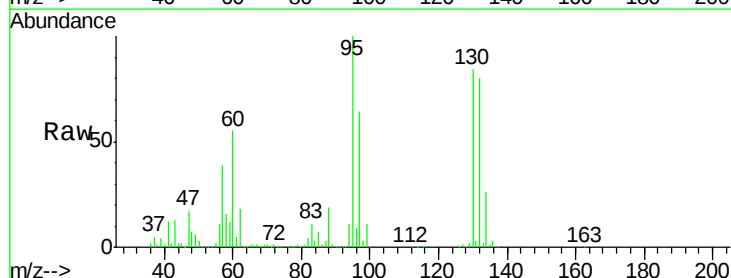
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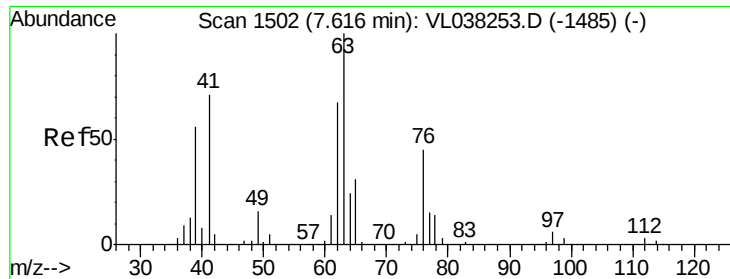
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#38
 Trichloroethene
 Concen: 9.775 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.03 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion:130 Resp: 691971
 Ion Ratio Lower Upper
 130 100
 95 119.3 89.4 134.2
 132 95.7 74.6 111.8
 97 76.6 59.6 89.4





#39

1,2-Dichloropropane

Concen: 10.063 ppbv

RT: 7.59 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:

Ion Ratio

63 100

41 73.

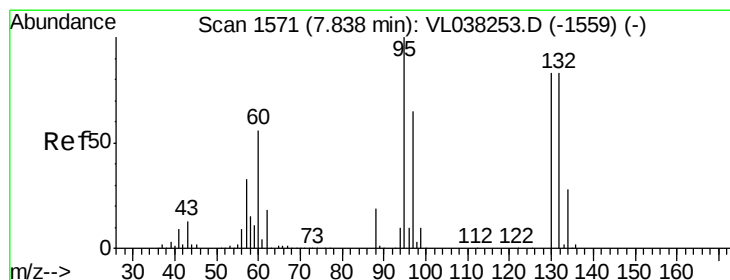
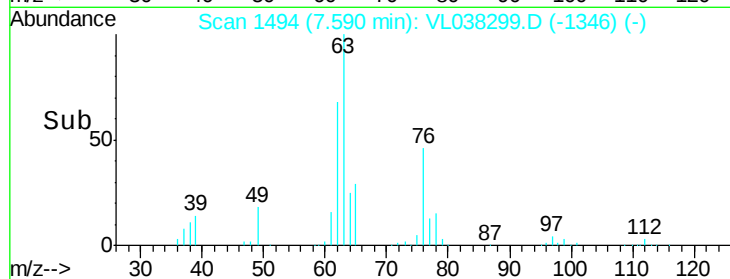
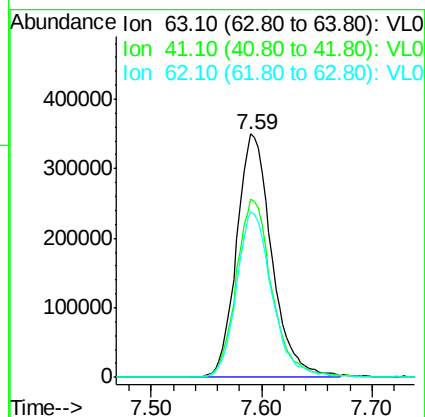
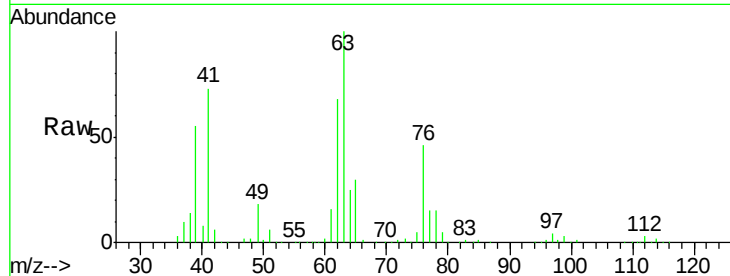
62 67.

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Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#40

1,4-Dioxane

Concen: 10.064 ppbv

RT: 7.81 min Scan# 1563

Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion: 88 Resp: 186633

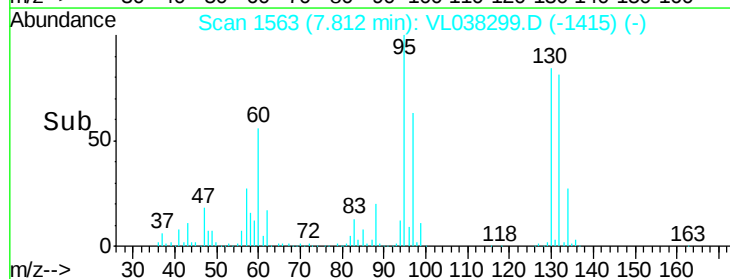
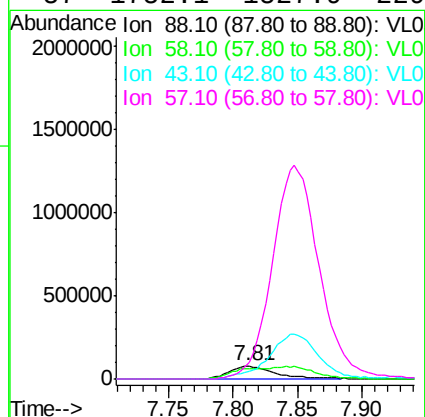
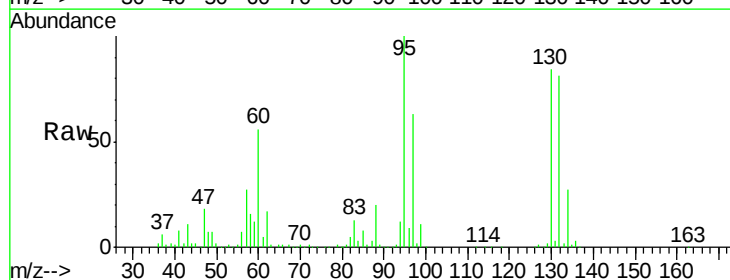
Ion Ratio Lower Upper

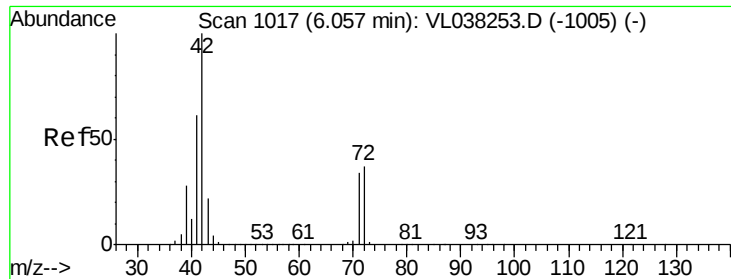
88 100

58 161.7 138.6 208.0

43 397.5 346.9 520.3

57 1752.1 1527.9 2291.9



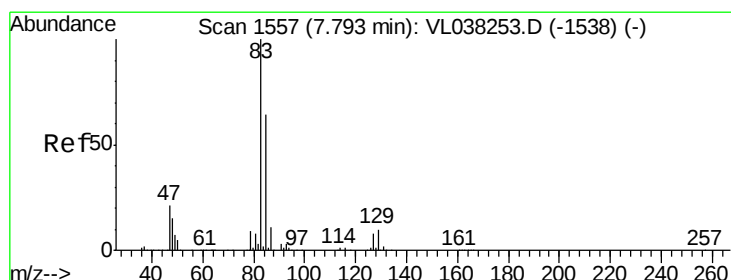
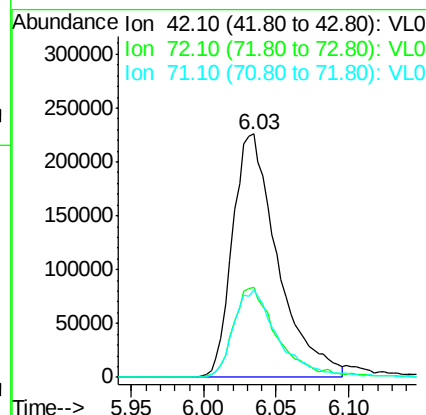
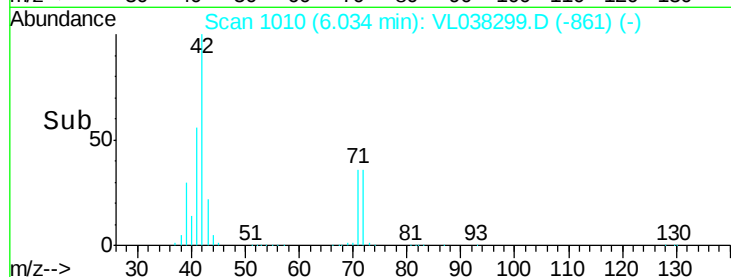
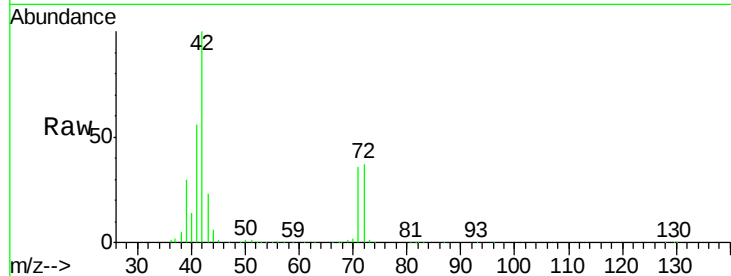


#41
Tetrahydrofuran
Concen: 10.313 ppbv
RT: 6.03
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

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

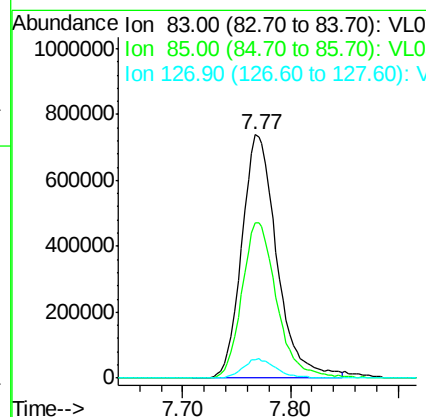
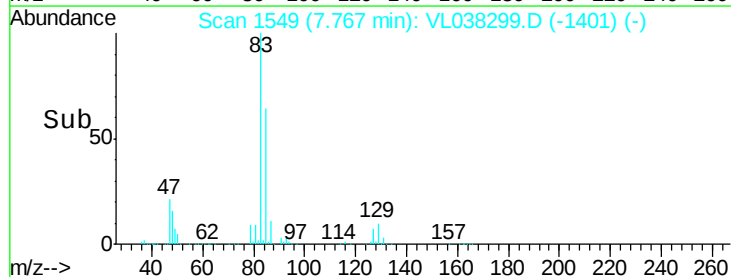
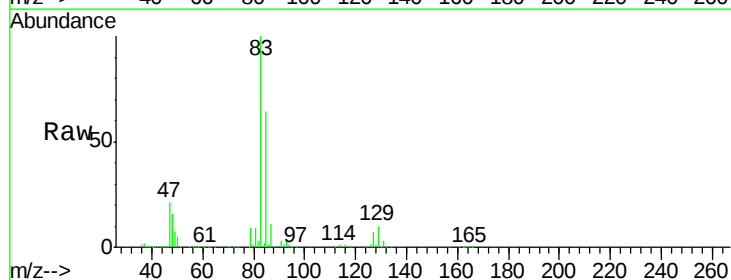
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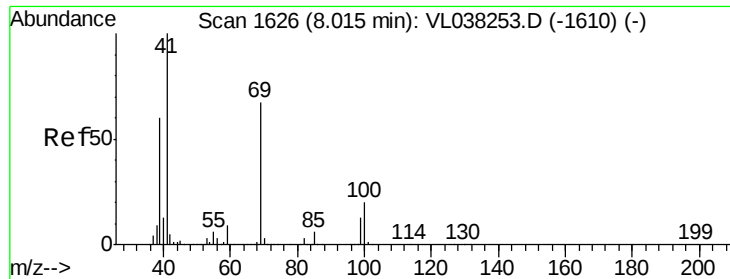
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#42
Bromodichloromethane
Concen: 10.353 ppbv
RT: 7.77 min Scan# 1549
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 83 Resp: 1671863
Ion Ratio Lower Upper
83 100
85 63.9 51.5 77.3
127 7.4 6.2 9.4



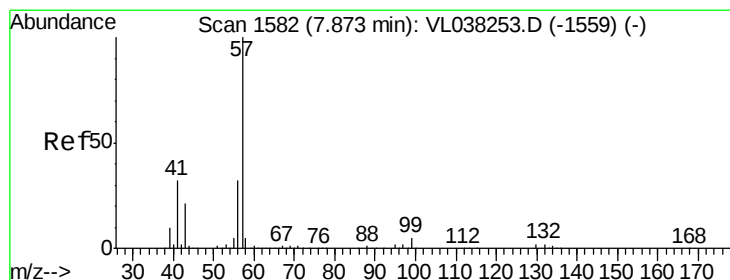
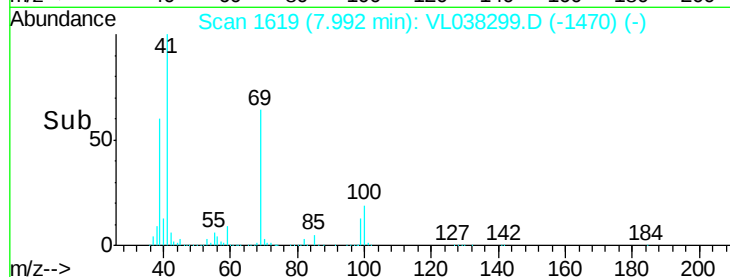
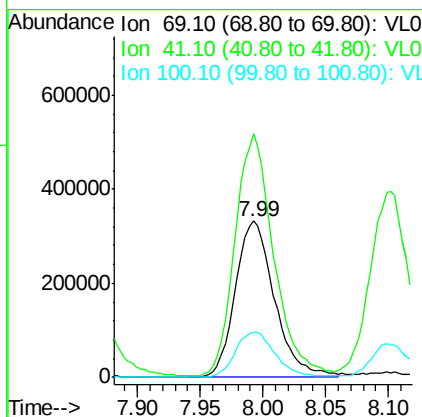
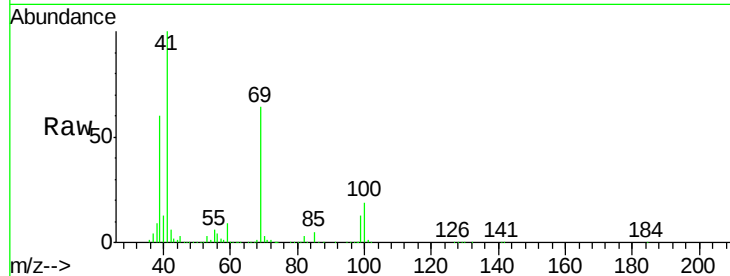


#43
Methyl Methacrylate
Concen: 10.759 ppbv
RT: 7.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion:
Ion Ratio
69 100
41 154.
100 29.

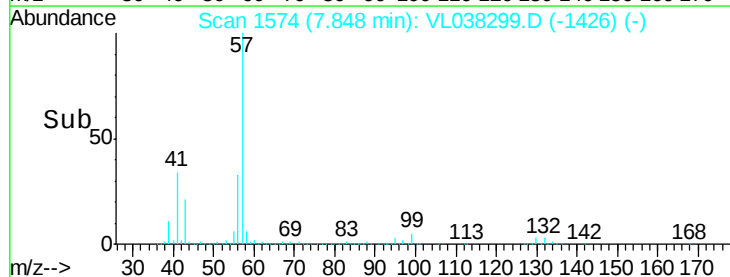
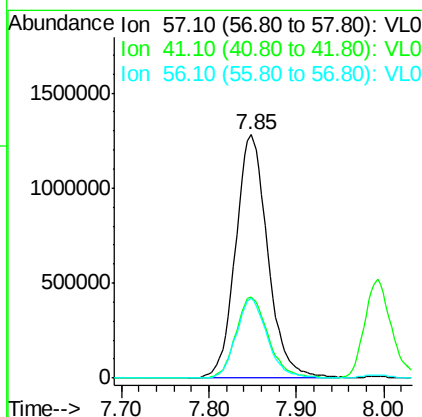
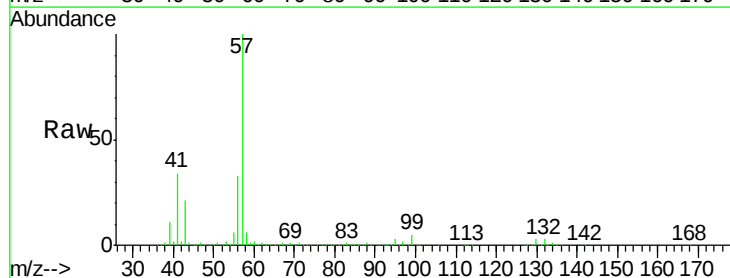
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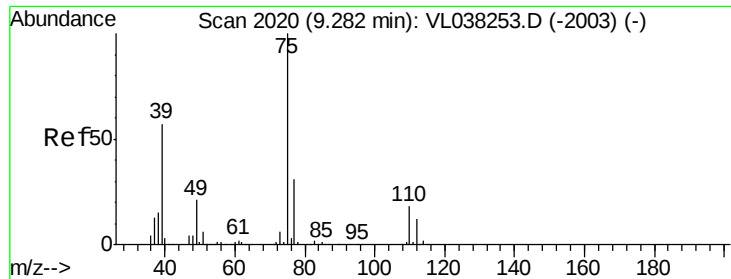
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.737 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 57 Resp: 3260844
Ion Ratio Lower Upper
57 100
41 33.6 26.3 39.5
56 31.8 25.2 37.8



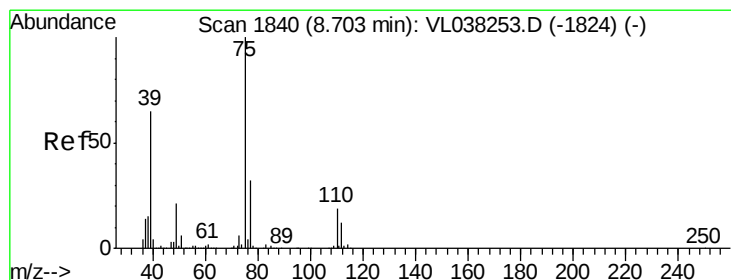
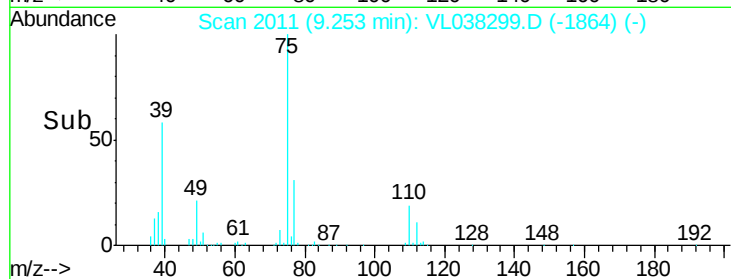
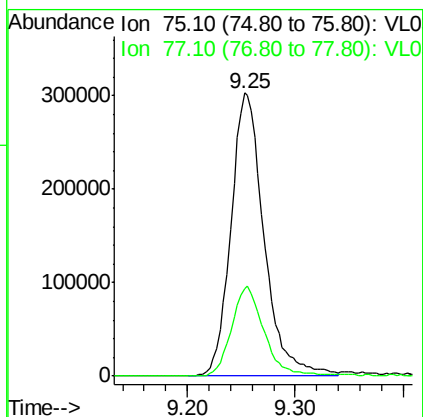
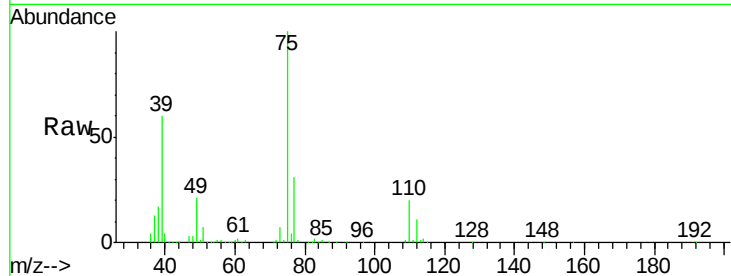


#45
 t-1,3-Dichloropropene
 Concen: 11.901 ppbv
 RT: 9.25
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 75 100
 77 31.

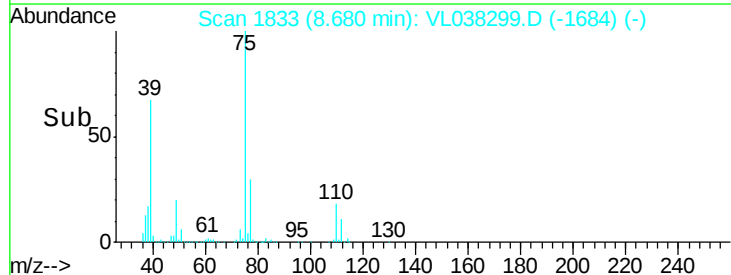
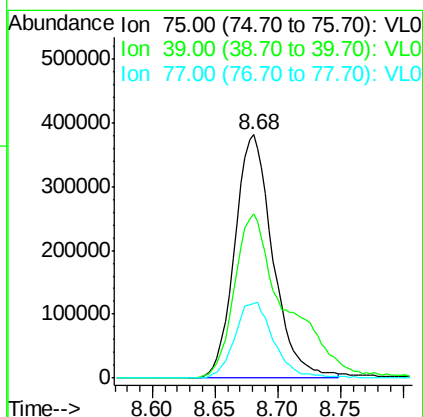
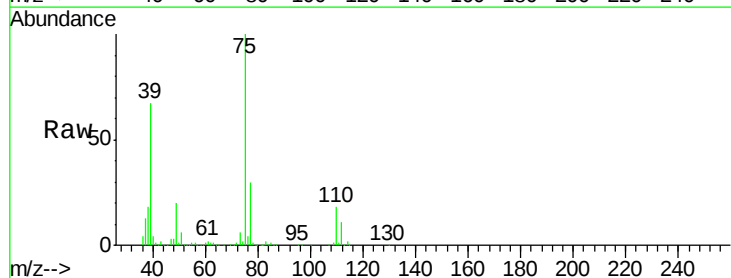
Manual Integrations
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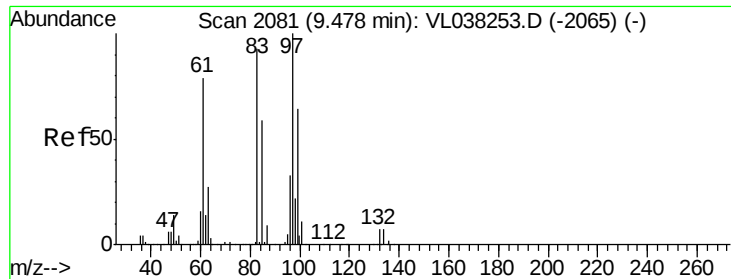
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#46
 cis-1,3-Dichloropropene
 Concen: 11.042 ppbv
 RT: 8.68 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion: 75 Resp: 804607
 Ion Ratio Lower Upper
 75 100
 39 67.2 52.3 78.5
 77 30.5 25.4 38.0



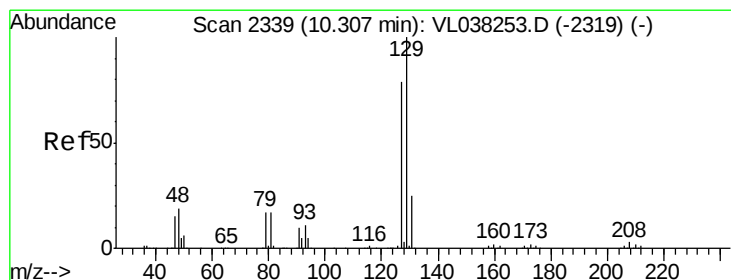
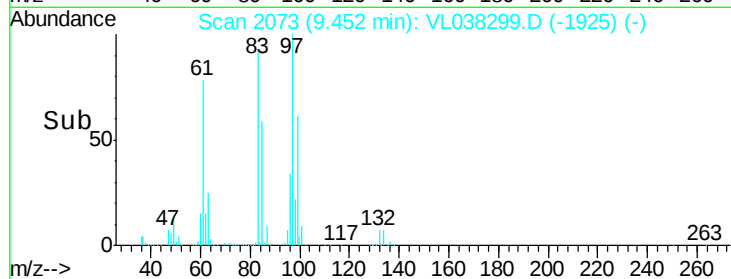
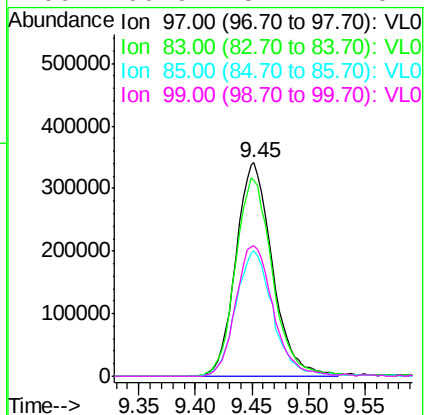
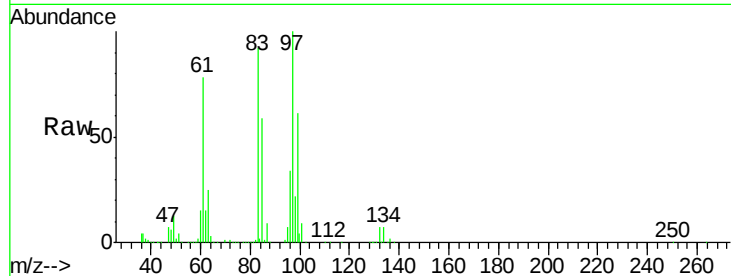


#47
 1,1,2-Trichloroethane
 Concen: 10.167 ppbv
 RT: 9.45 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 97 100
 83 91.
 85 59.
 99 60.9 51.1 76.7

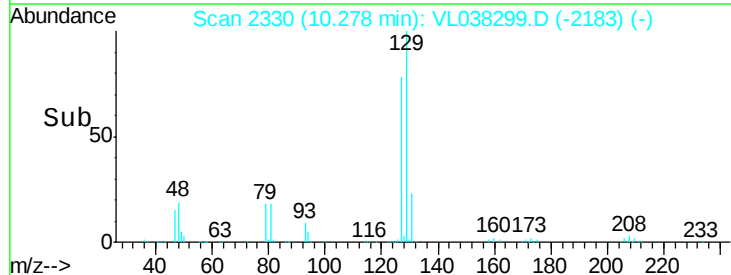
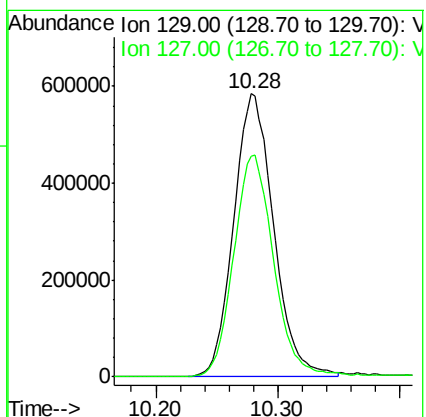
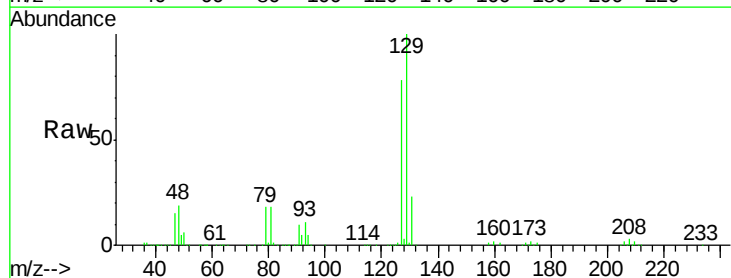
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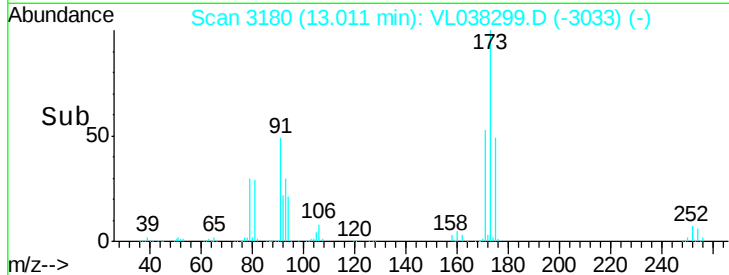
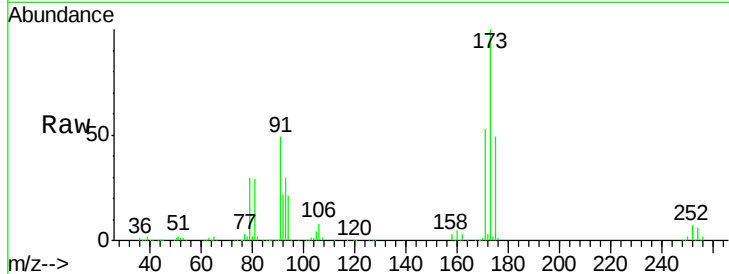
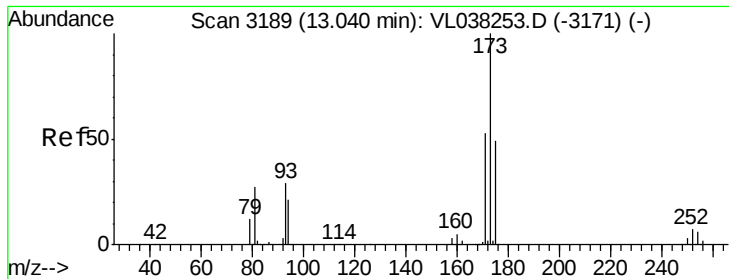
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#48
 Dibromochloromethane
 Concen: 10.387 ppbv
 RT: 10.28 min Scan# 2330
 Delta R.T. -0.03 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion:129 Resp: 1323831
 Ion Ratio Lower Upper
 129 100
 127 79.8 39.1 117.3





#49

Bromoform

Concen: 10.833 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VL0127ABS01

Acq: 27 Jan 2022 16:32

Tgt Ion:1

Ion Ratio

173 100

175 51.

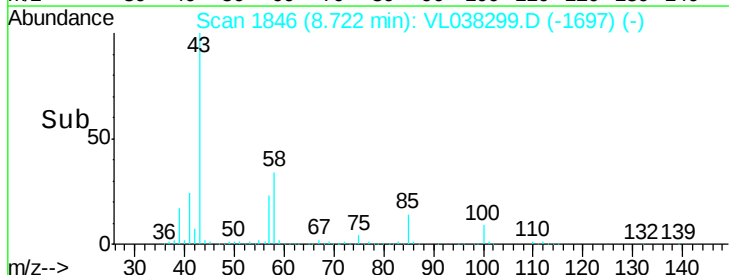
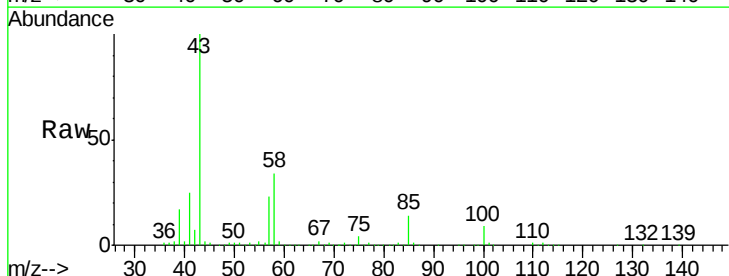
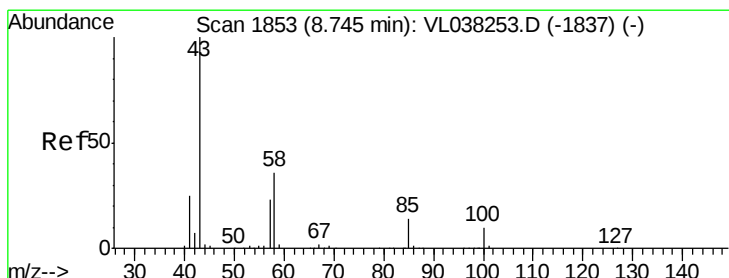
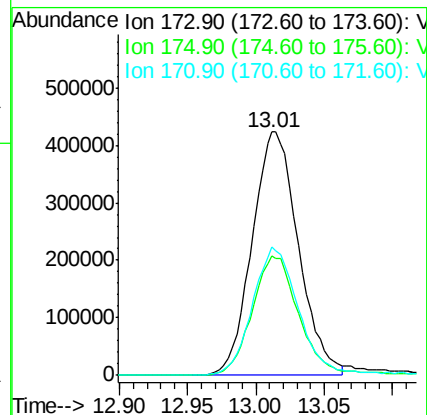
171 53.

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APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#50

4-Methyl-2-Pentanone

Concen: 10.588 ppbv

RT: 8.72 min Scan# 1846

Delta R.T. -0.02 min

Lab File: VL038299.D

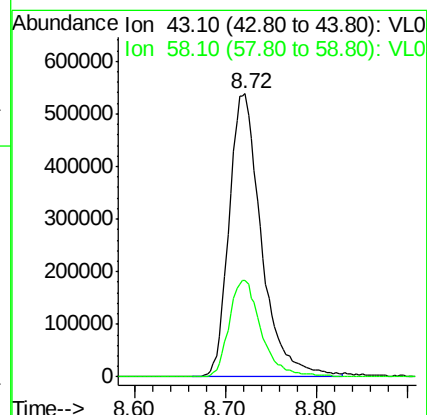
Acq: 27 Jan 2022 16:32

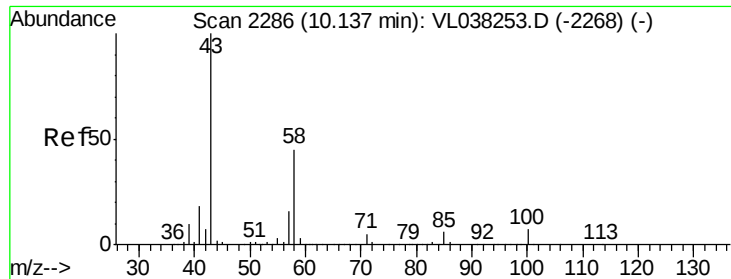
Tgt Ion: 43 Resp: 1327038

Ion Ratio Lower Upper

43 100

58 34.4 28.2 42.4



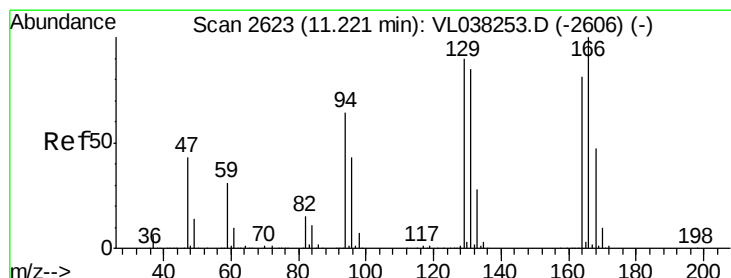
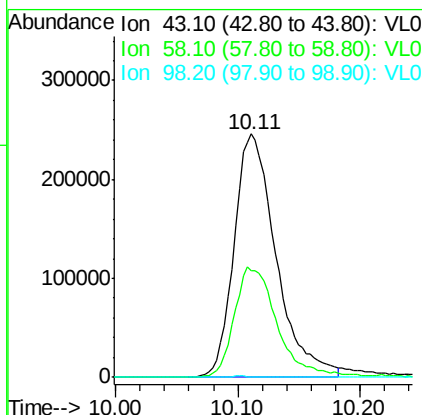
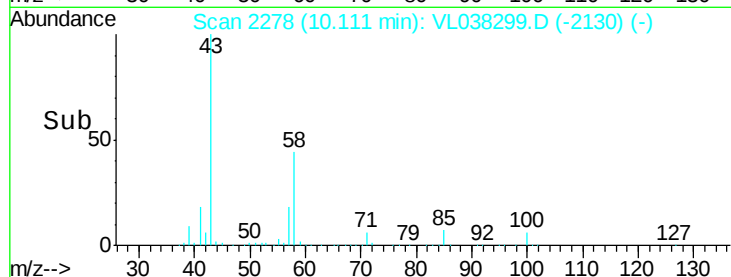
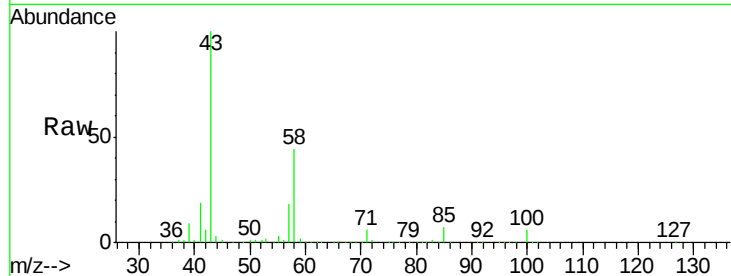


#51
2-Hexanone
Concen: 10.620 ppbv
RT: 10.11
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
VL0127ABS01
Acq: 27 Jan 2022 10:32

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

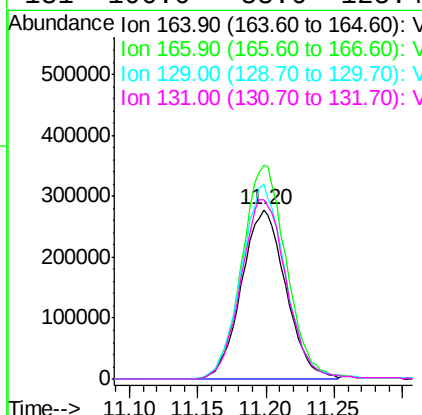
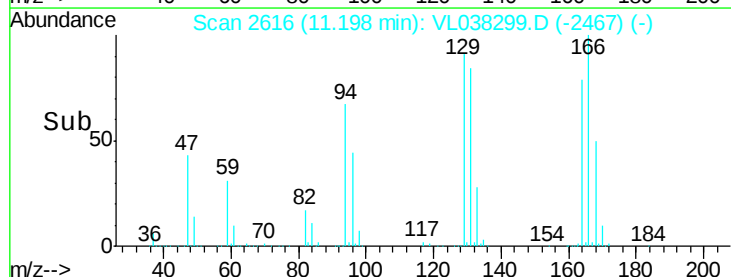
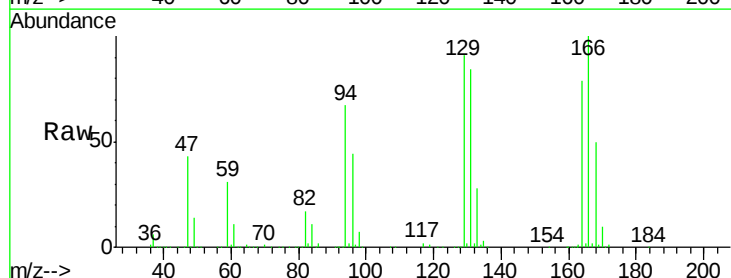
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APPROVED

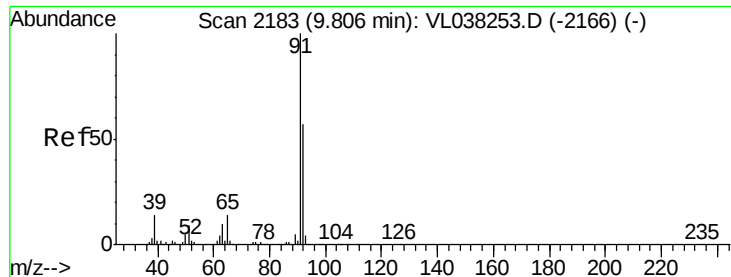
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Tetrachloroethene
Concen: 9.551 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:164 Resp: 625569
Ion Ratio Lower Upper
164 100
166 126.0 98.8 148.2
129 115.0 89.2 133.8
131 106.0 83.6 125.4





#53

Toluene

Concen: 10.385 ppbv

RT: 9.78 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32 VL0127ABS01

Tgt Ion:

Ion Ratio

91 100

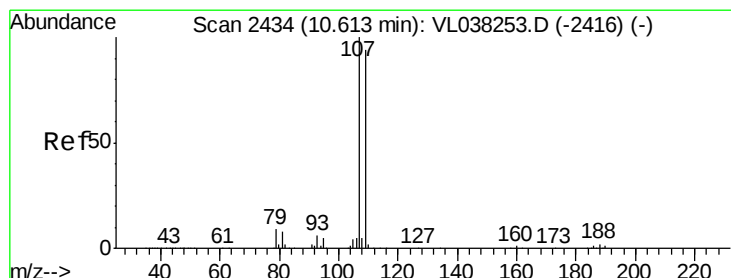
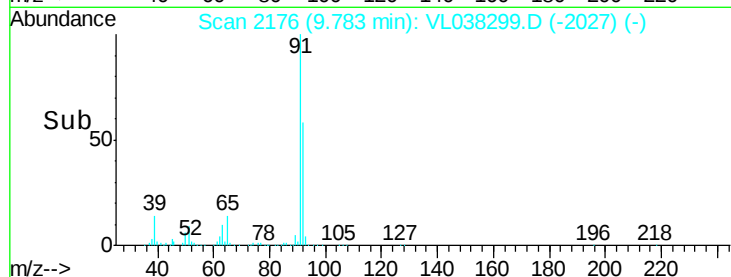
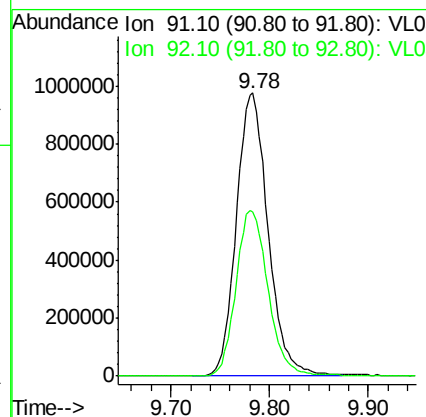
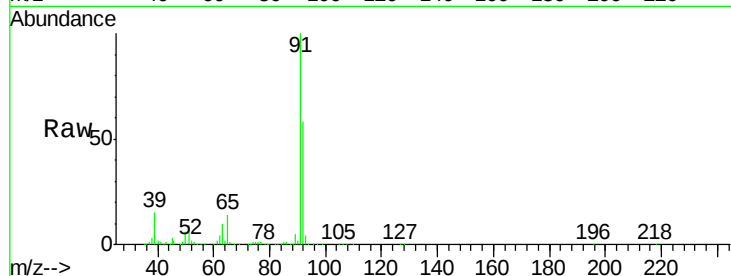
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#54

1,2-Dibromoethane

Concen: 10.567 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.03 min

Lab File: VL038299.D

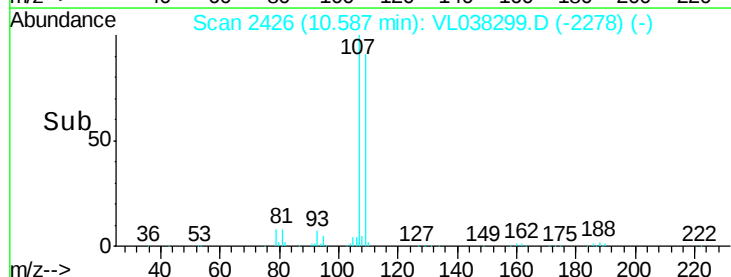
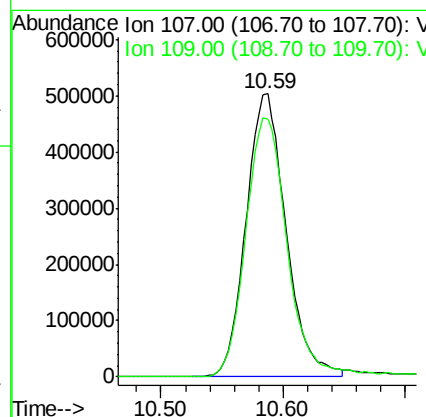
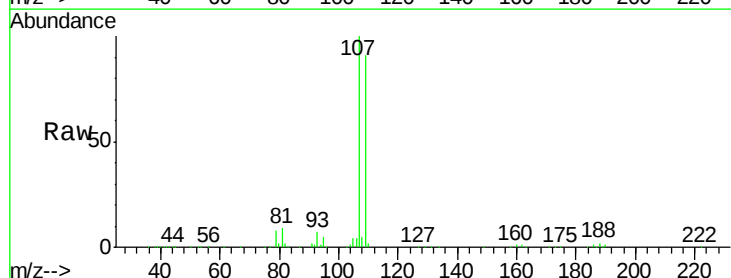
Acq: 27 Jan 2022 16:32

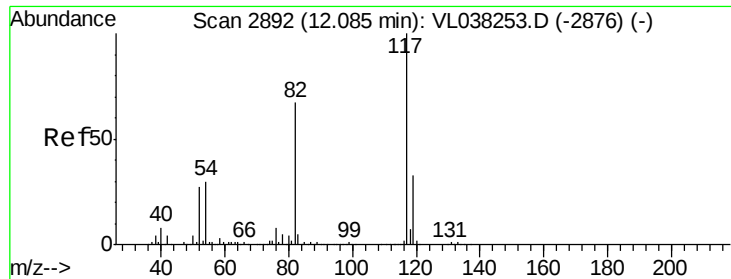
Tgt Ion:107 Resp: 1137345

Ion Ratio Lower Upper

107 100

109 91.0 75.4 113.0



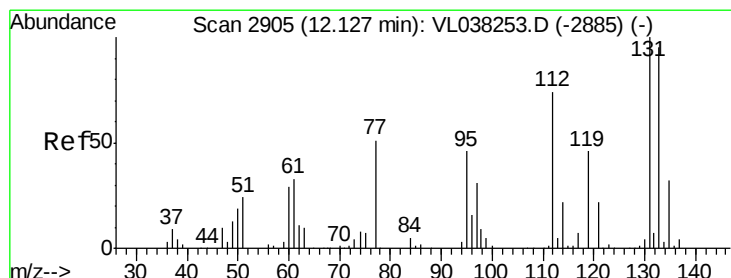
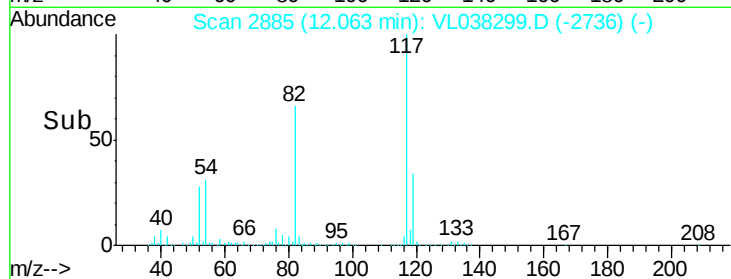
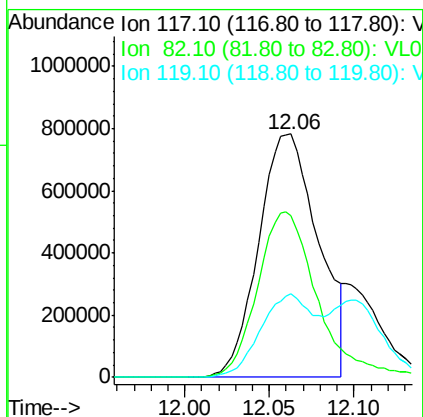
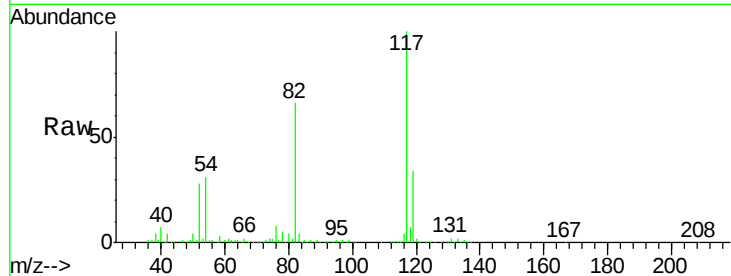


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06
Instrument: MSVOA_1
Delta R.T.
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion:1
Ion Rati
117 100
82 70.
119 29.

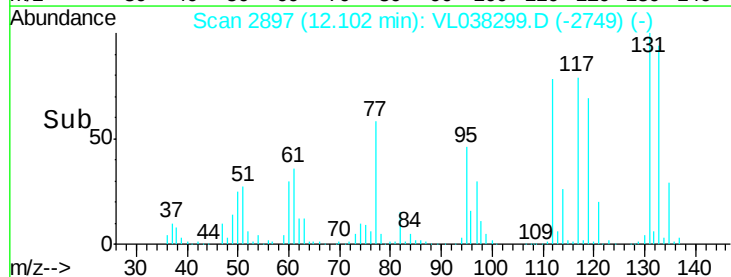
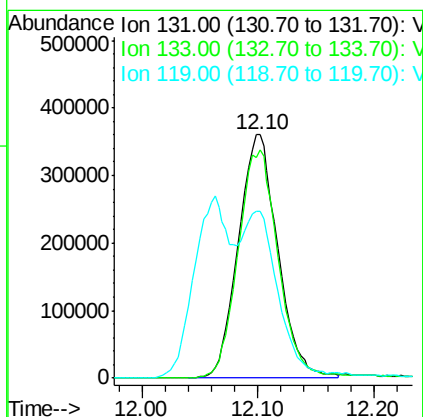
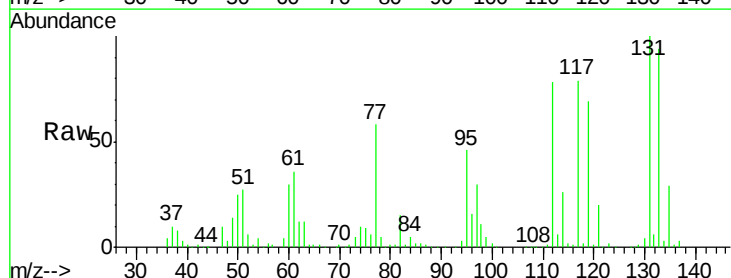
Manual Integrations
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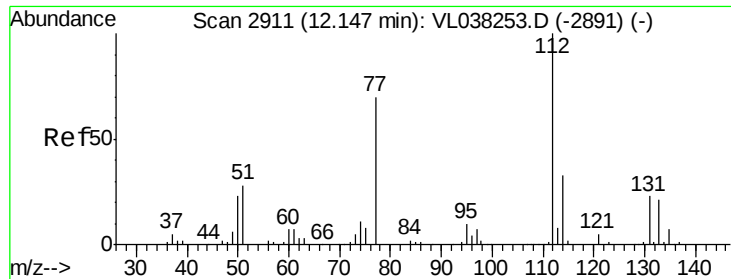
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.160 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion:131 Resp: 853389
Ion Ratio Lower Upper
131 100
133 97.4 76.0 114.0
119 68.8 53.0 79.4



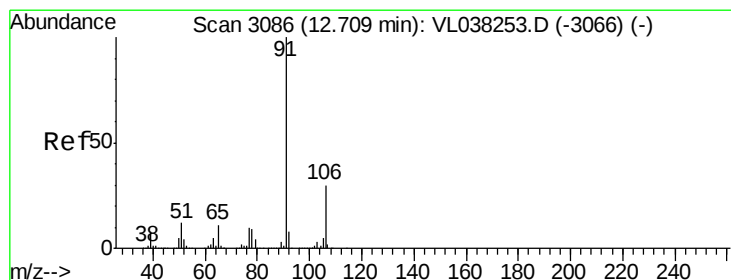
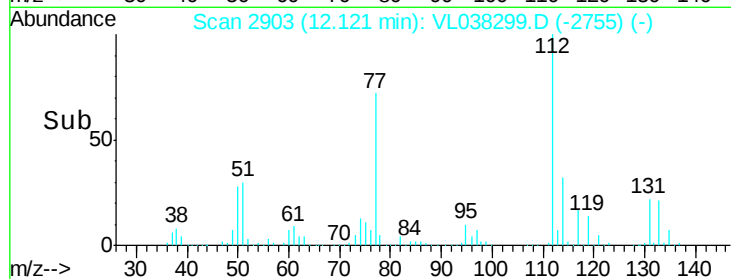
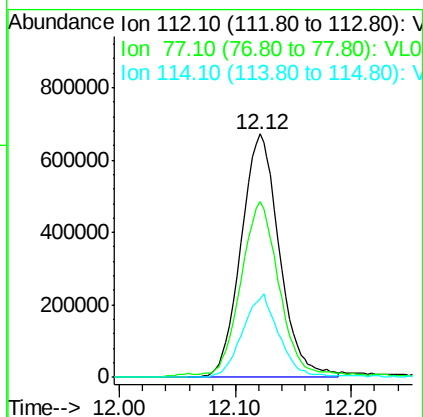
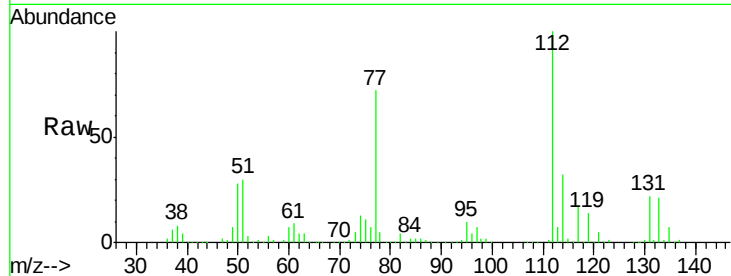


#57
Chlorobenzene
Concen: 10.086 ppbv
RT: 12.12 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion: 112
Ion Ratio: 100
112 100
77 70.1
114 32.1

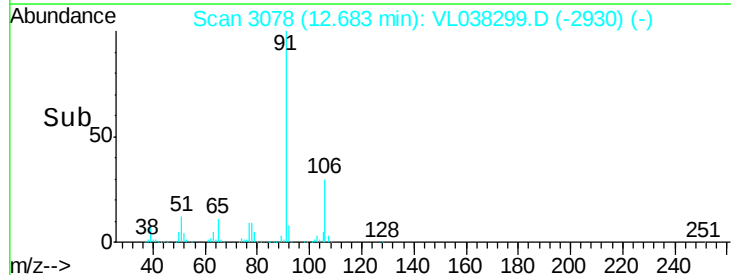
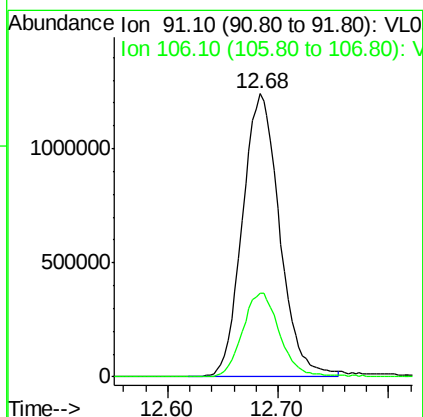
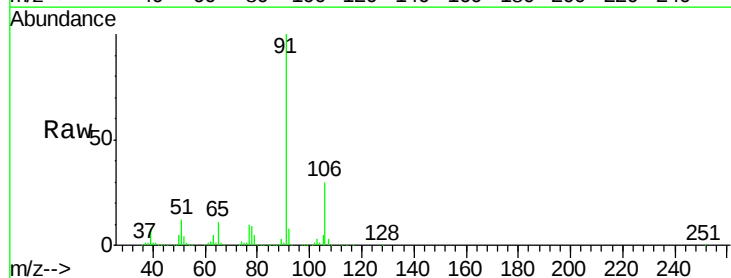
Manual Integrations
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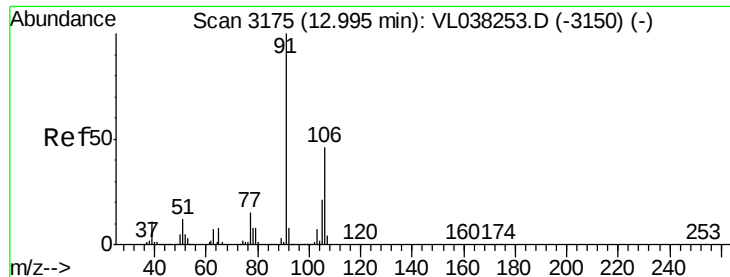
Reviewed By : Semsettin Yesilyurt 01/28/2022
Supervised By : Mahesh Dadoda 01/28/2022



#58
Ethyl Benzene
Concen: 10.276 ppbv
RT: 12.68 min Scan# 3078
Delta R.T.: -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 91 Resp: 2898232
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1



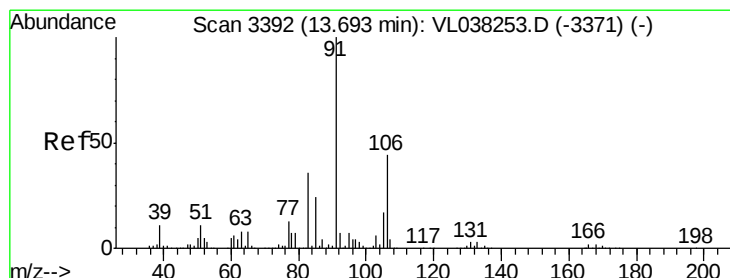
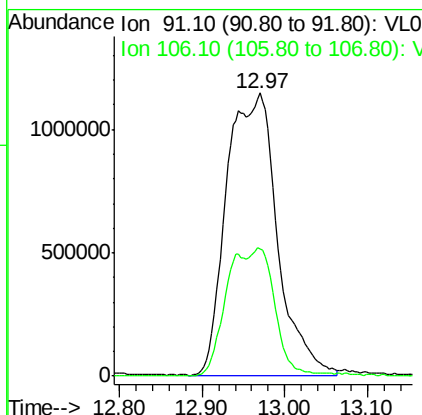
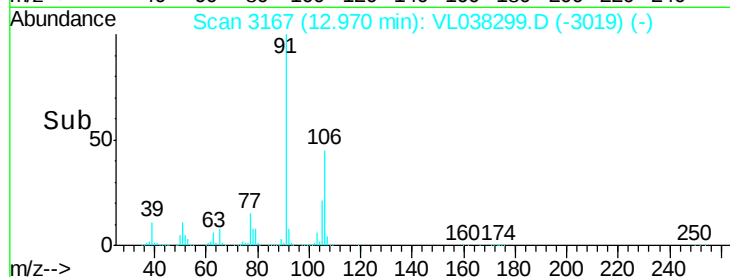
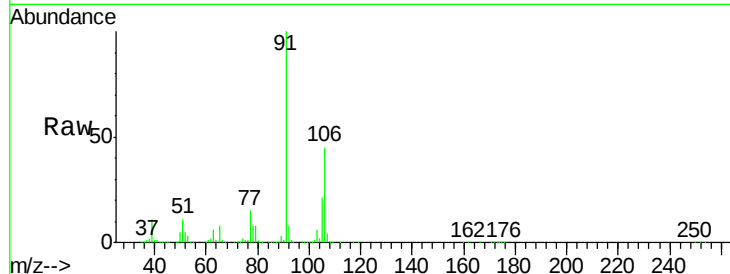


#59
m/p-Xylene
Concen: 20.487 ppbv m
RT: 12.97
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion:
Ion Ratio
91 100
106 43.

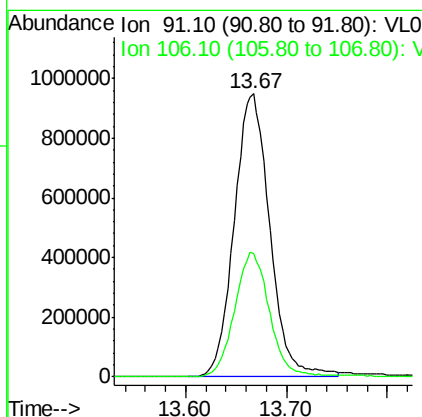
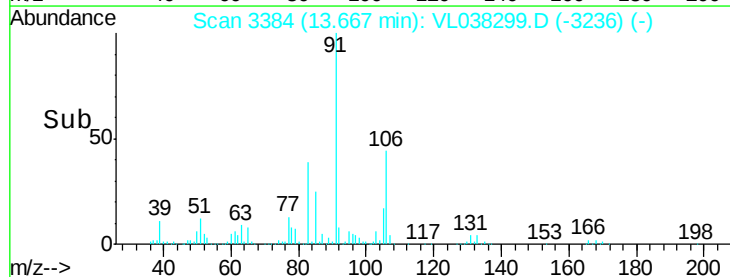
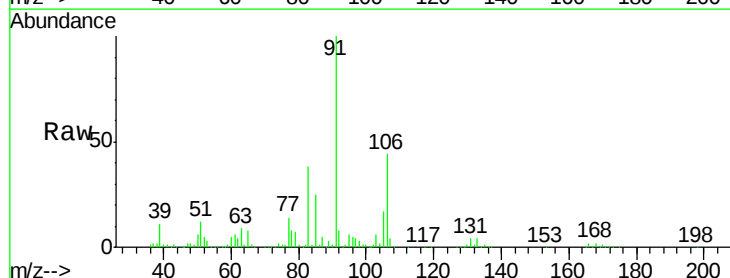
Manual Integrations
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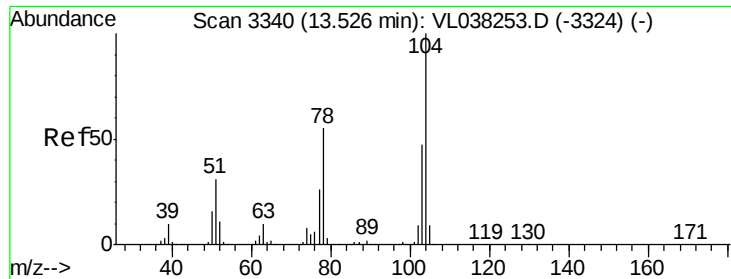
Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#60
o-Xylene
Concen: 10.345 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 91 Resp: 2315310
Ion Ratio Lower Upper
91 100
106 44.3 22.2 66.6



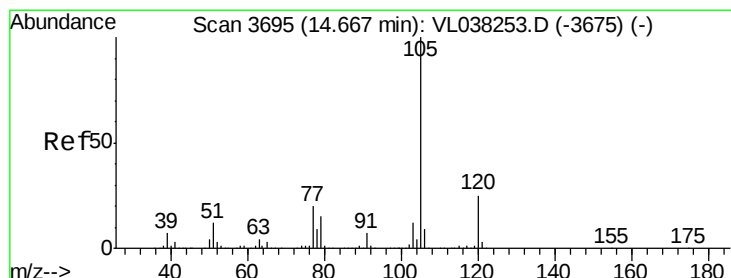
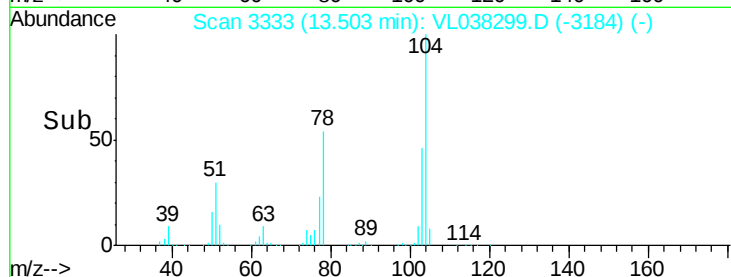
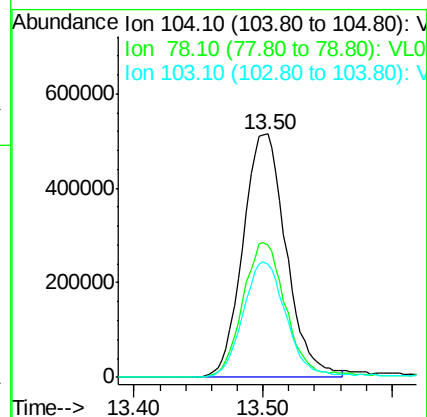
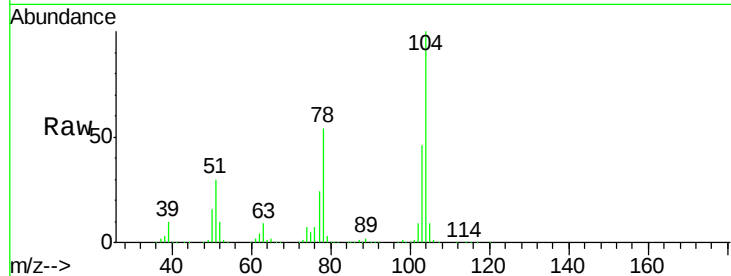


#61
Styrene
Concen: 11.494 ppbv
RT: 13.50
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion: 104
Ion Ratio: 100
104 100
78 56.
103 48.

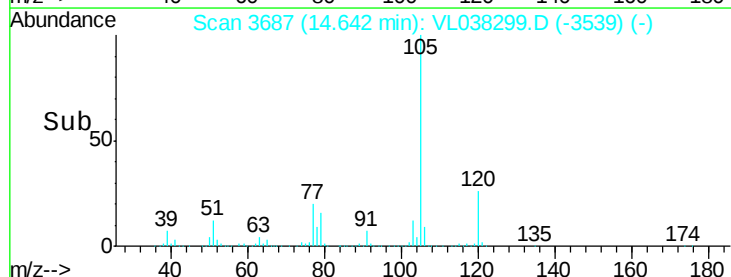
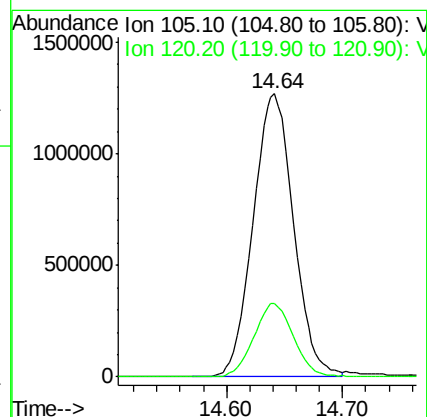
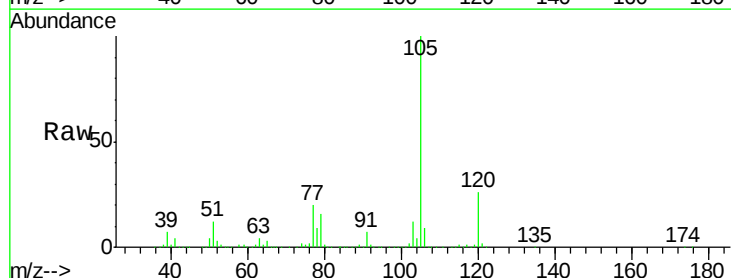
Manual Integrations
APPROVED

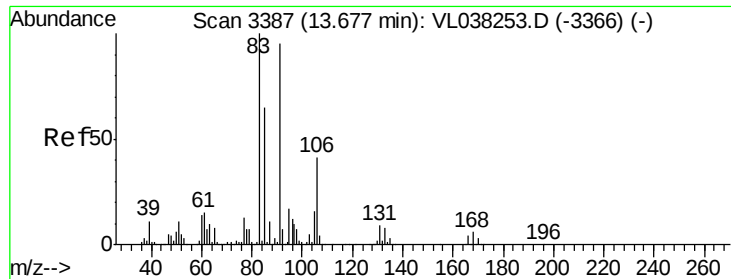
Reviewed By : Semsettin Yesilyurt 01/28/2022
Supervised By : Mahesh Dadoda 01/28/2022



#62
Isopropylbenzene
Concen: 10.321 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.03 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 105 Resp: 3079372
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 10.301 ppbv

RT: 13.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:

Ion Ratio

83 100

131 9.

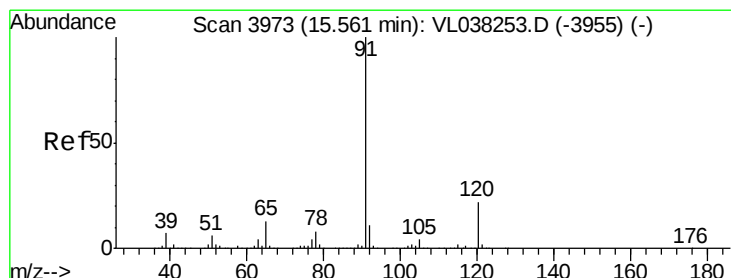
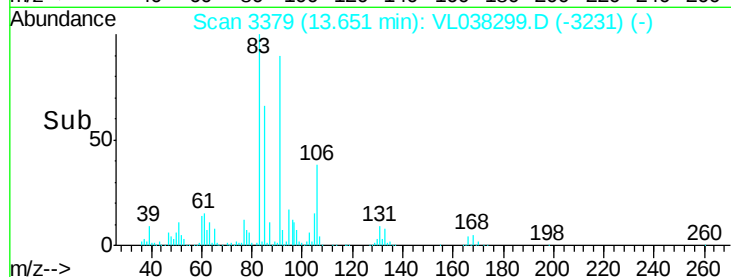
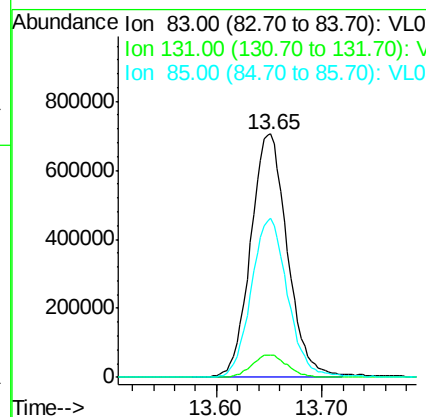
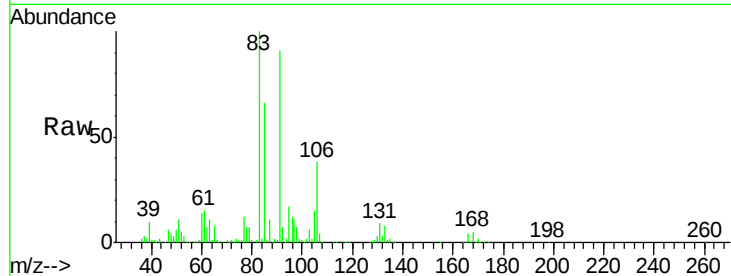
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#64

n-propylbenzene

Concen: 11.010 ppbv

RT: 15.53 min Scan# 3964

Delta R.T. -0.03 min

Lab File: VL038299.D

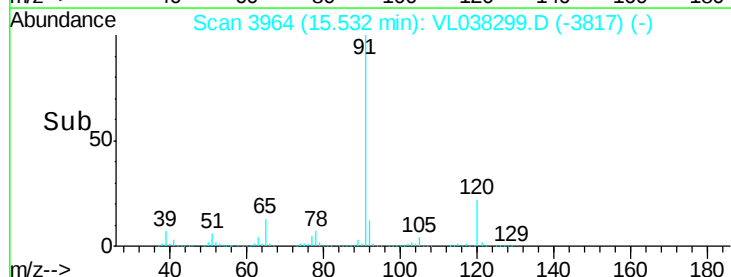
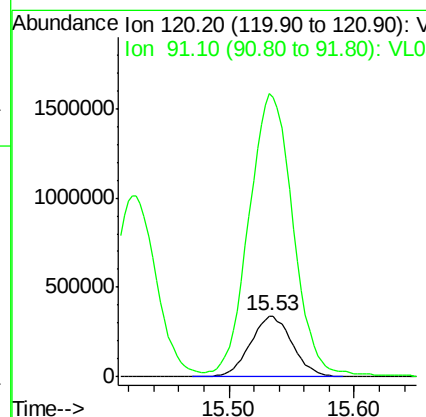
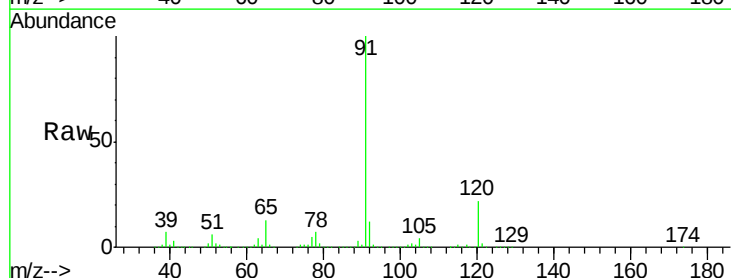
Acq: 27 Jan 2022 16:32

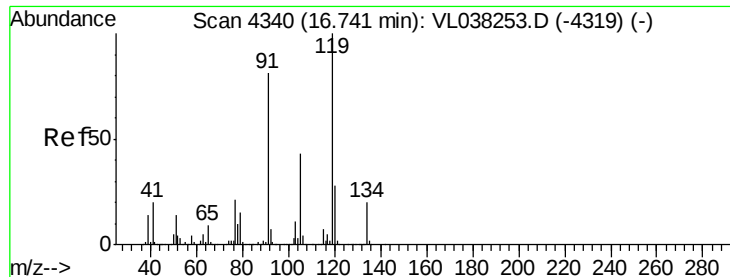
Tgt Ion:120 Resp: 790195

Ion Ratio Lower Upper

120 100

91 494.0 390.8 586.2





#65

tert-Butylbenzene

Concen: 10.844 ppbv m

RT: 16.72

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:1

Ion Rati

119 100

91 84.

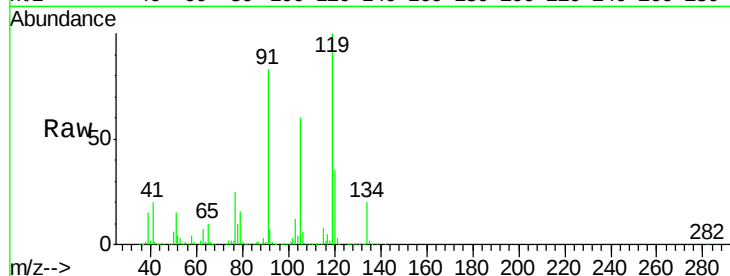
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022

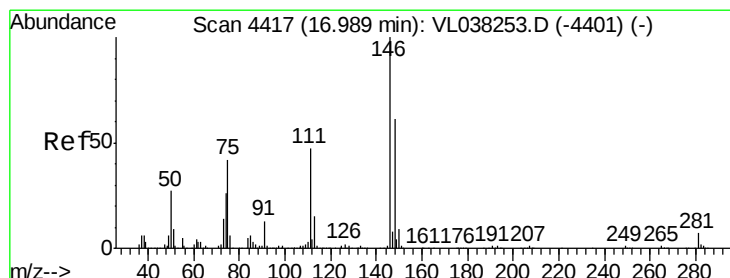
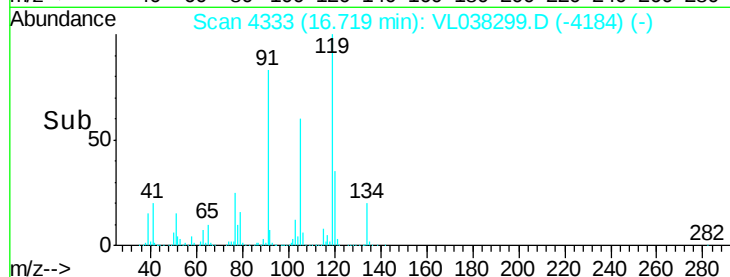
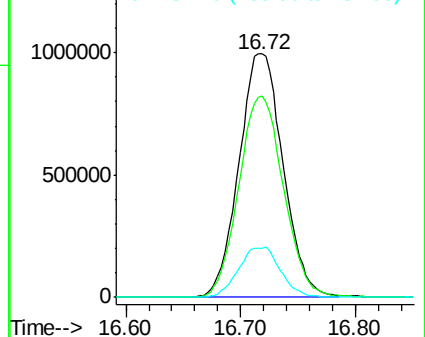
Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 12.871 ppbv

RT: 16.96 min Scan# 4407

Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

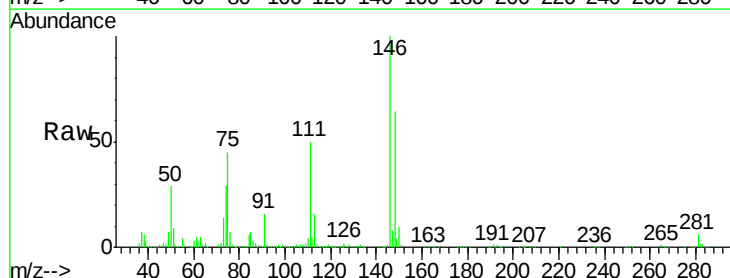
Tgt Ion: 91 Resp: 143673

Ion Ratio Lower Upper

91 100

126 16.7 12.6 18.8

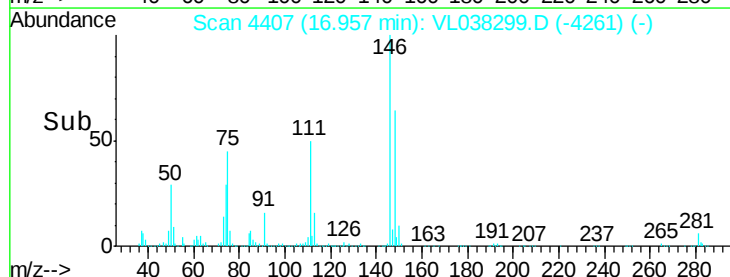
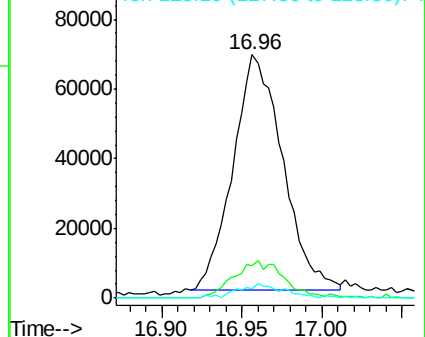
128 6.2 4.3 6.5

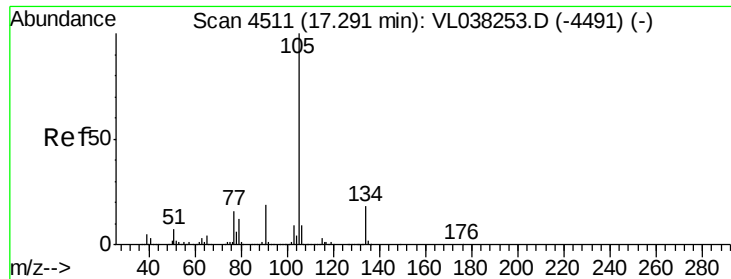


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.930 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 27 Jan 2022 16:32

Tgt Ion:1

Ion Ratio

105 100

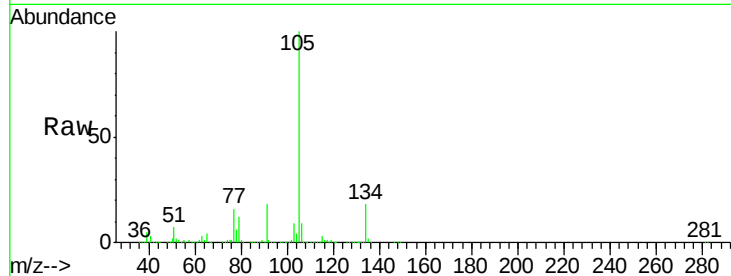
134 18.

Manual Integrations

APPROVED

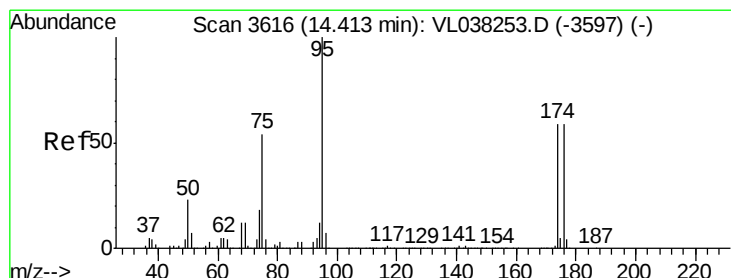
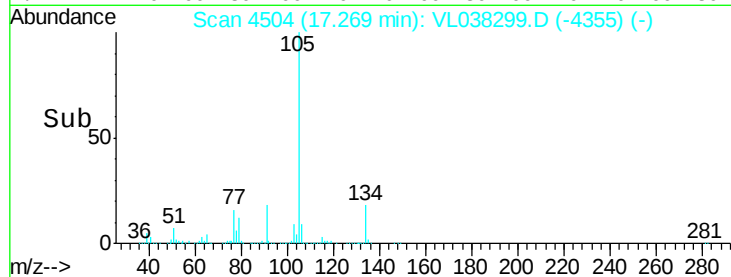
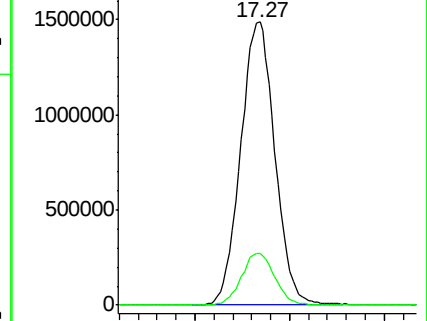
Reviewed By :Semsettin Yesilyurt 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.173 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

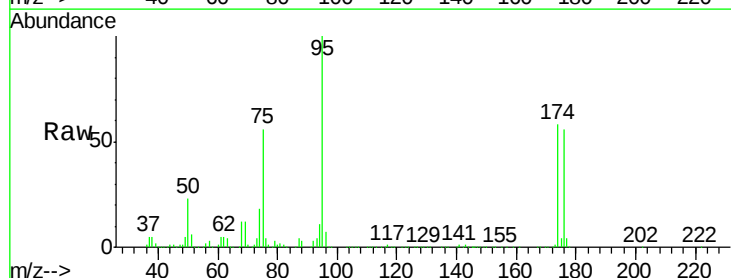
Tgt Ion: 95 Resp: 1481725

Ion Ratio Lower Upper

95 100

174 60.6 48.3 72.5

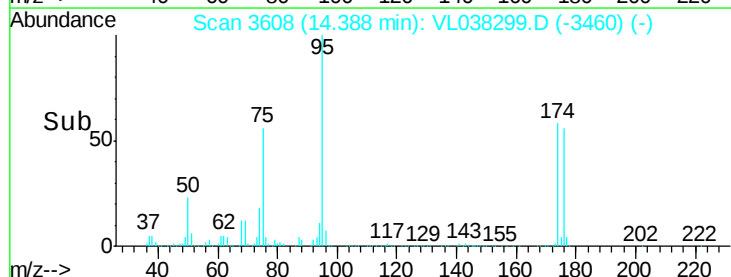
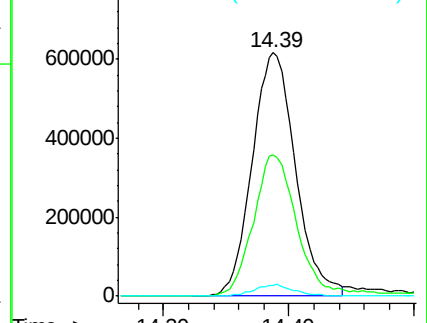
175 4.4 3.5 5.3

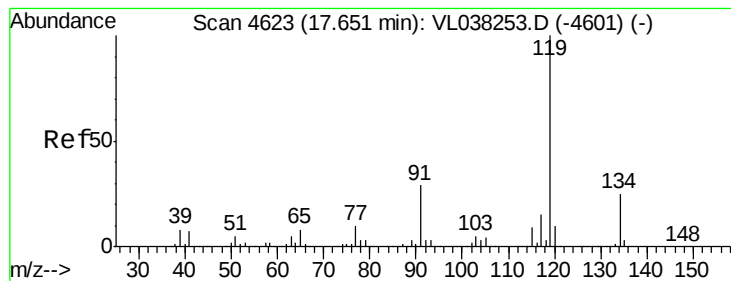


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 11.489 ppbv

RT: 17.63

Delta R.T. MSVOA_L

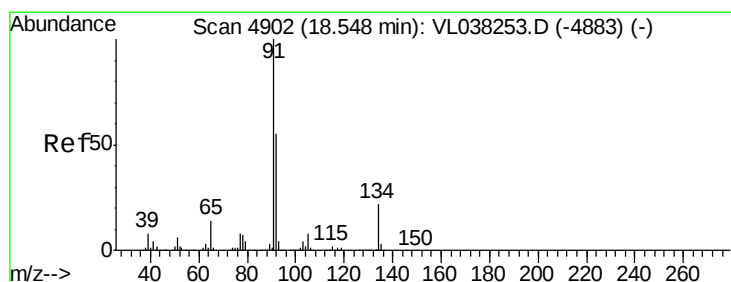
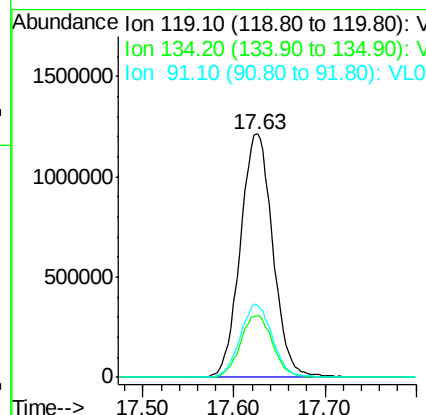
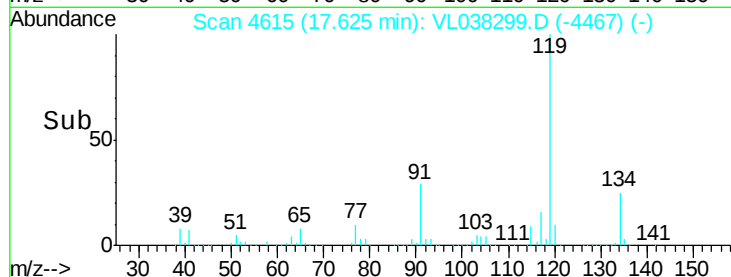
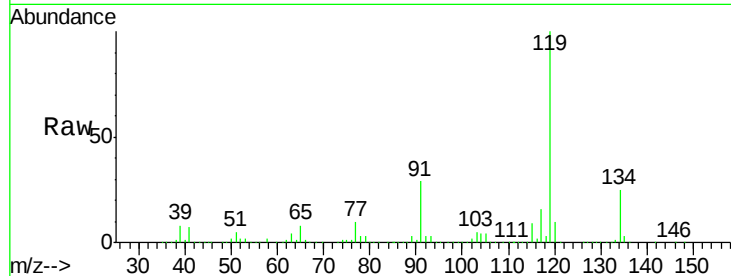
Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion: 1
Ion Ratio
119 100
134 25.
91 29.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#70

n-Butylbenzene

Concen: 11.784 ppbv

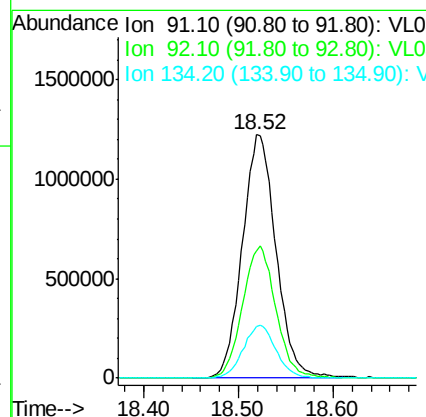
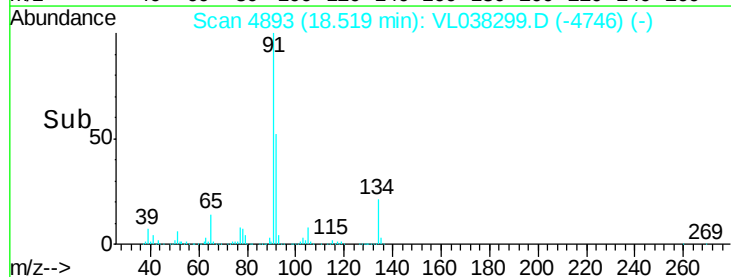
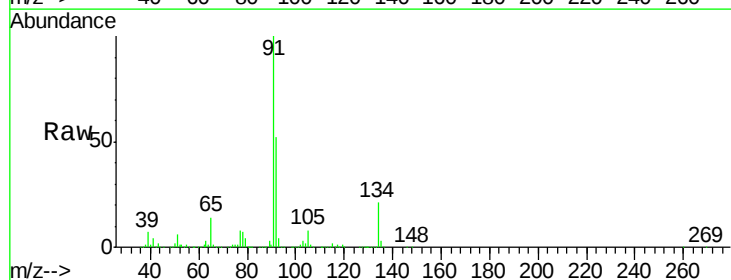
RT: 18.52 min Scan# 4893

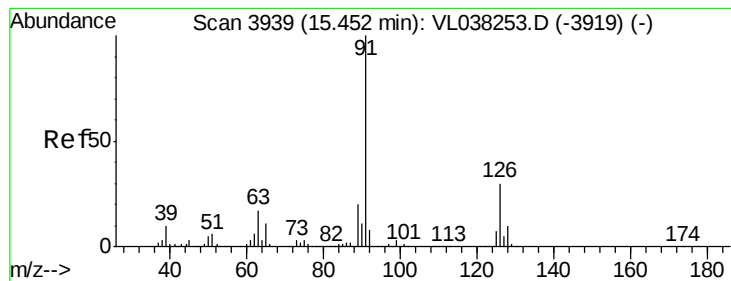
Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion: 91 Resp: 3019361
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.0
134 21.4 17.3 25.9



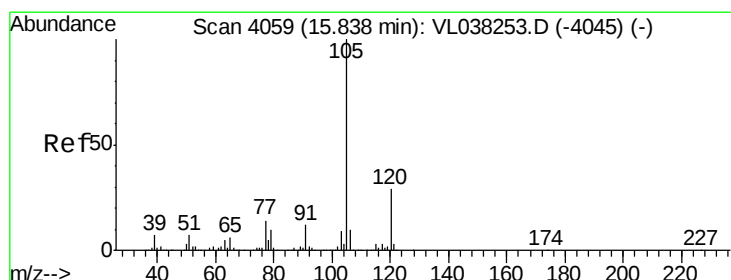
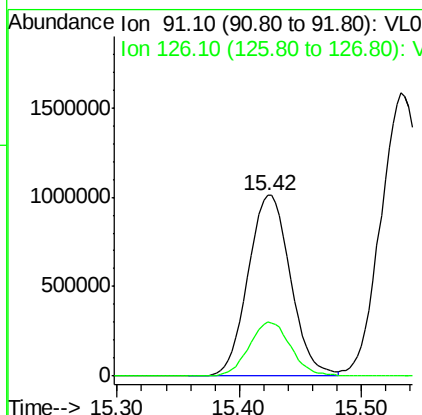
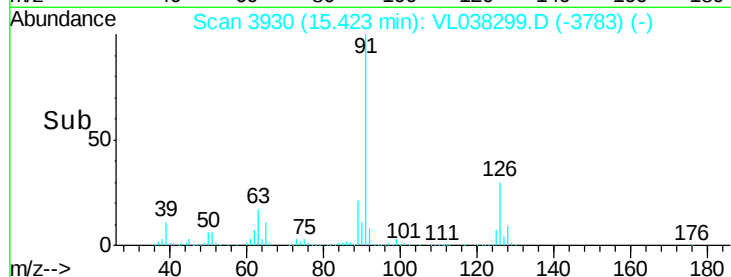
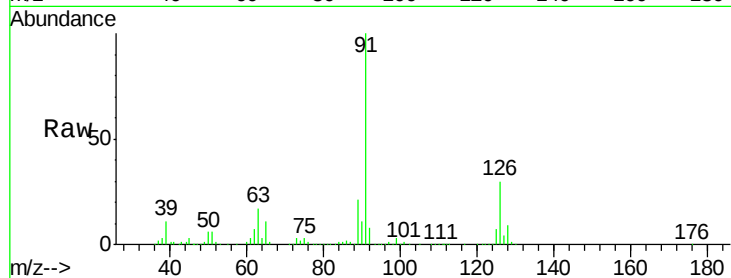


#71
 2-Chlorotoluene
 Concen: 10.999 ppbv
 RT: 15.42 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:
 Ion Ratio
 91 100
 126 29.

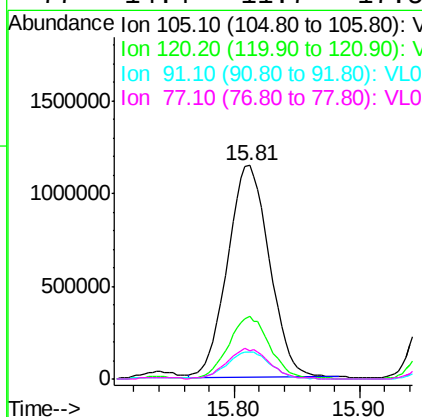
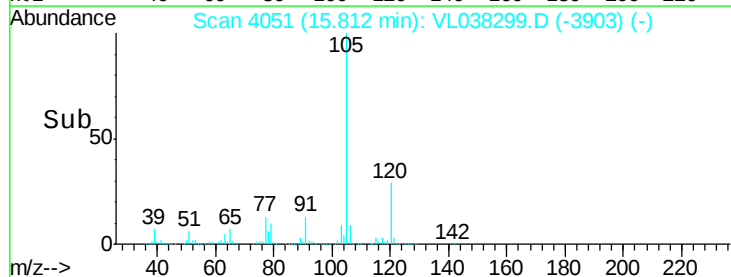
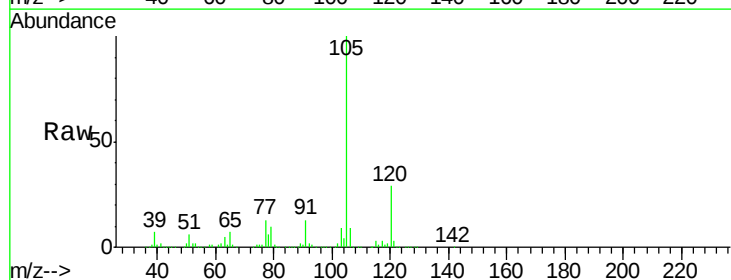
Manual Integrations
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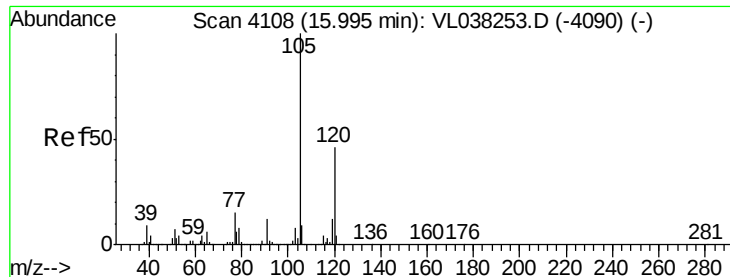
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#72
 4-Ethyltoluene
 Concen: 11.385 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T.: -0.03 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion:105 Resp: 2664684
 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



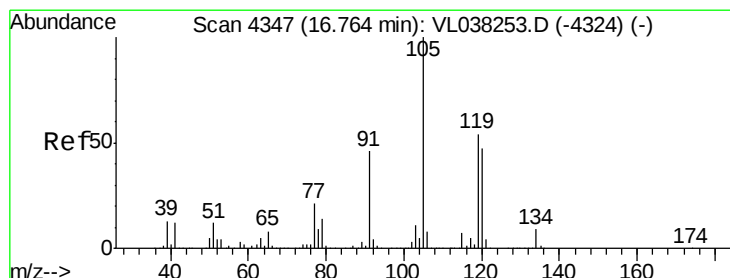
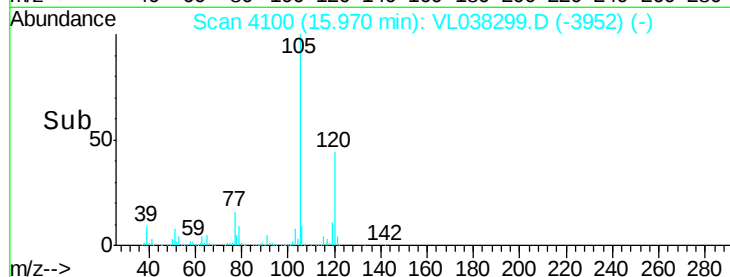
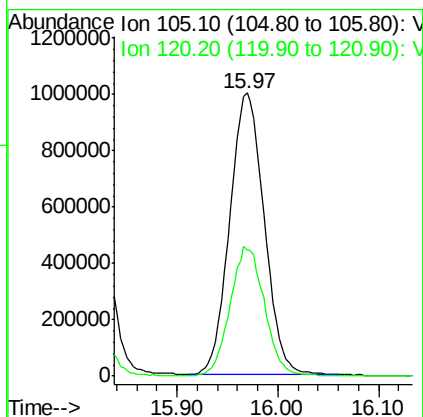
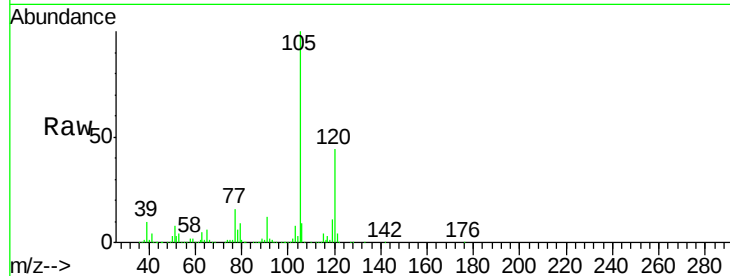


#73
 1,3,5-Trimethylbenzene
 Concen: 11.243 ppbv
 RT: 15.97 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0127ABS01
 Acq: 27 Jan 2022 16:32

Tgt Ion:1
 Ion Rati
 105 100
 120 44.

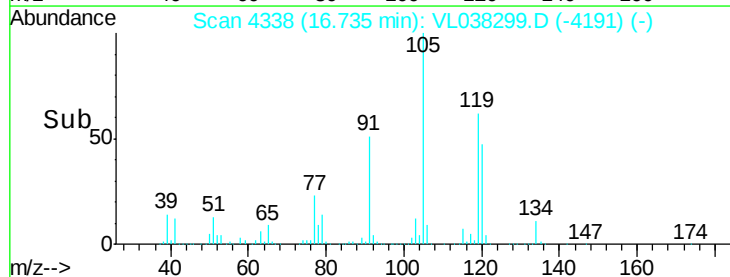
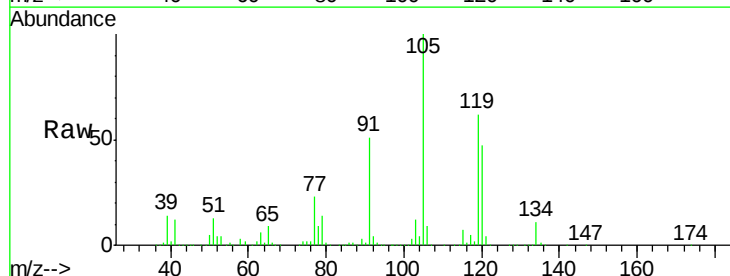
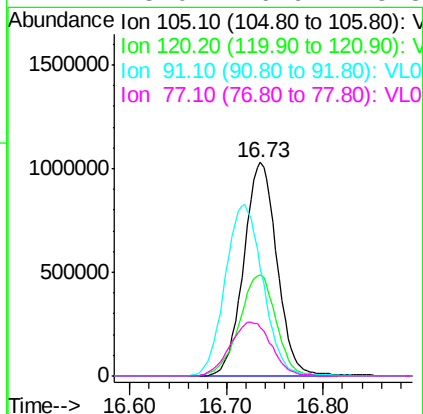
Manual Integrations
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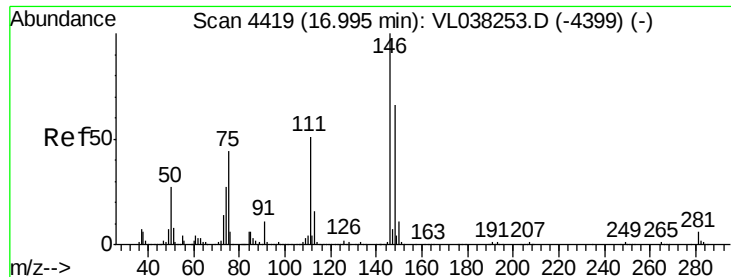
Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 11.080 ppbv
 RT: 16.73 min Scan# 4338
 Delta R.T. -0.03 min
 Lab File: VL038299.D
 Acq: 27 Jan 2022 16:32

Tgt Ion:105 Resp: 2456930
 Ion Ratio Lower Upper
 105 100
 120 47.1 37.2 55.8
 91 50.3 36.6 55.0
 77 23.0 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 11.512 ppbv

RT: 16.97

Delta R.T. MSVOA_L

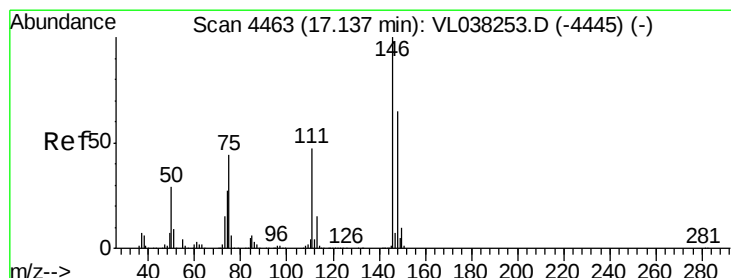
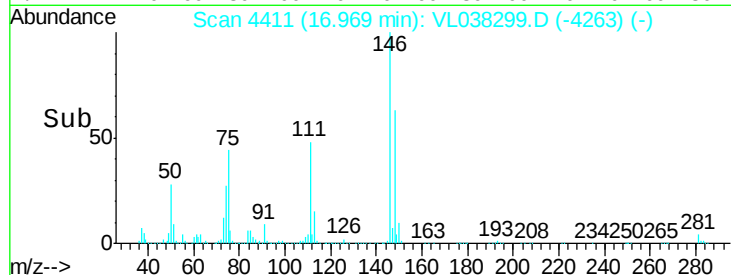
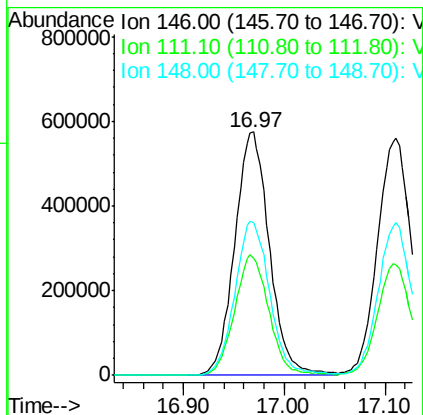
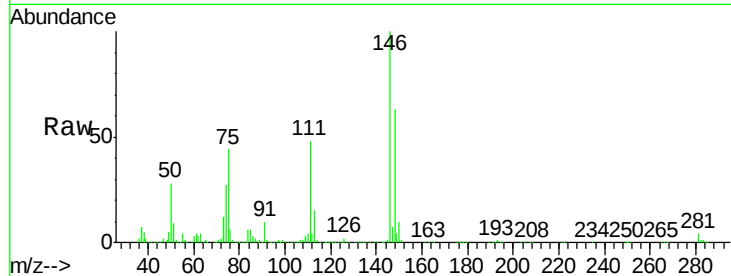
Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:1
Ion Ratio
146 100
111 49.
148 63.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#76

1,4-Dichlorobenzene

Concen: 11.531 ppbv

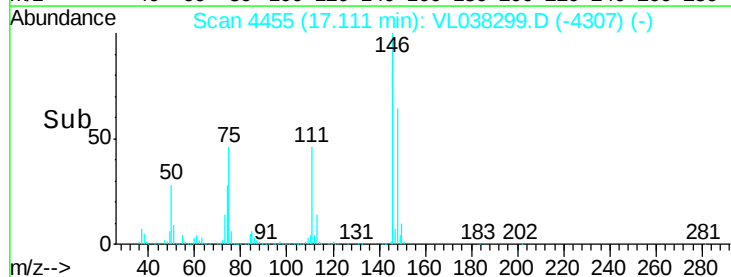
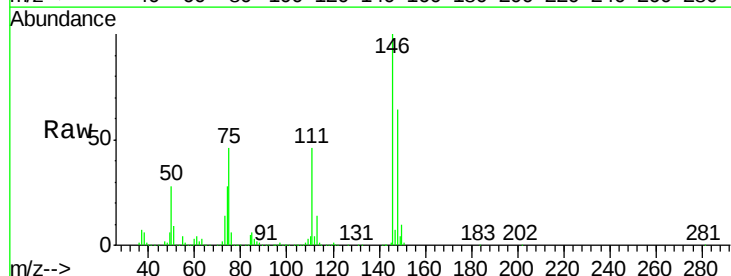
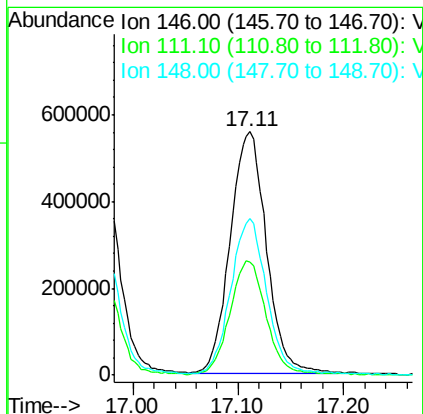
RT: 17.11 min Scan# 4455

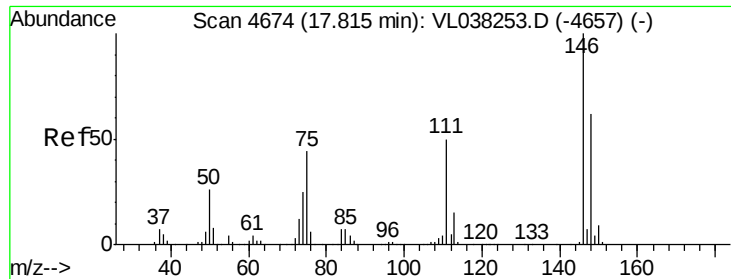
Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion:146 Resp: 1328407
Ion Ratio Lower Upper
146 100
111 47.5 23.2 69.6
148 65.3 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 11.356 ppbv

RT: 17.79

Delta R.T. MSVOA_L

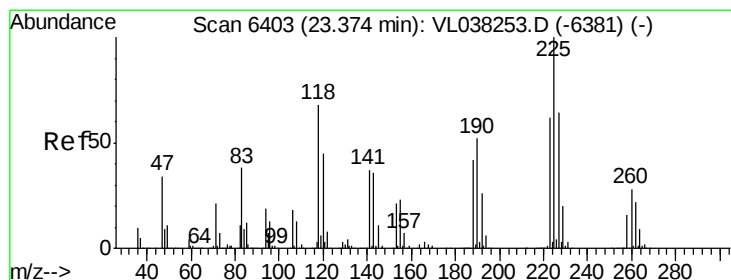
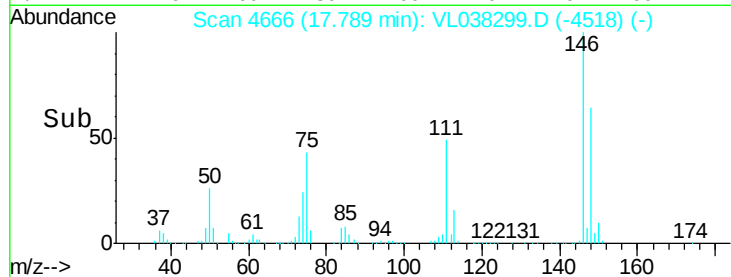
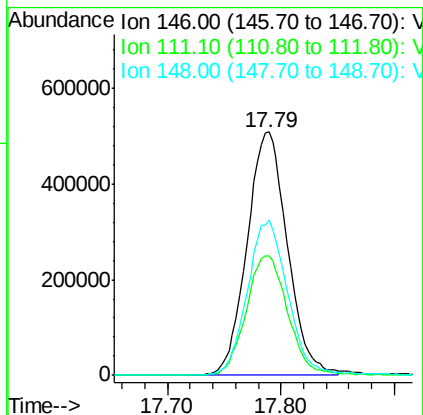
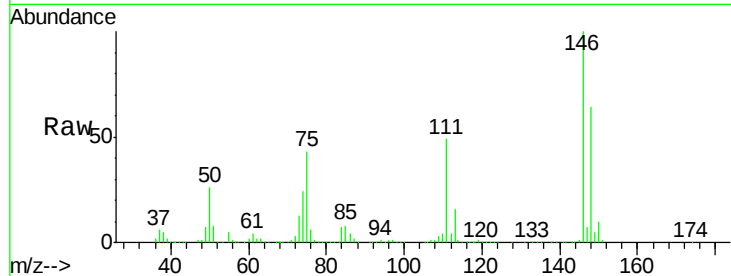
Lab File: ClientSampleId :

Acq: 27 Jan 2022 16:32

Tgt Ion:1
Ion Rati
146 100
111 50.
148 63.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.638 ppbv

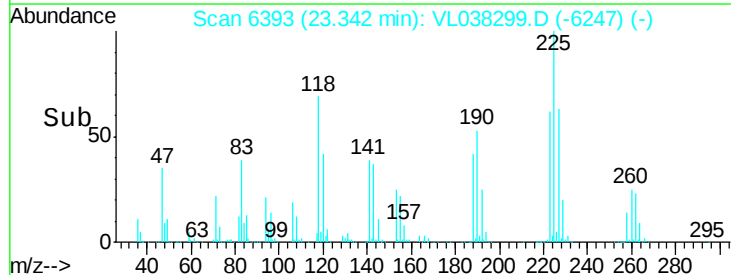
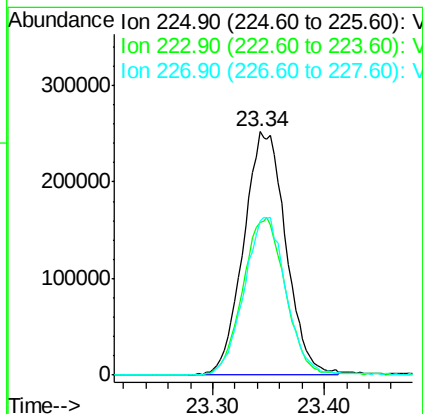
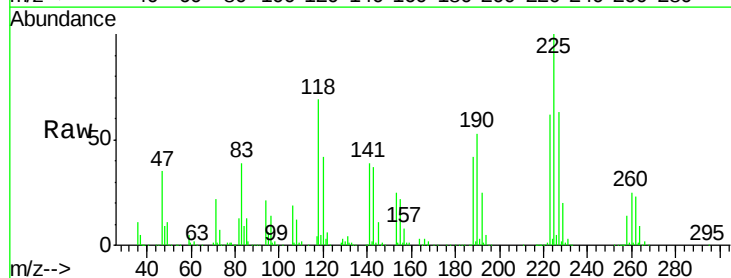
RT: 23.34 min Scan# 6393

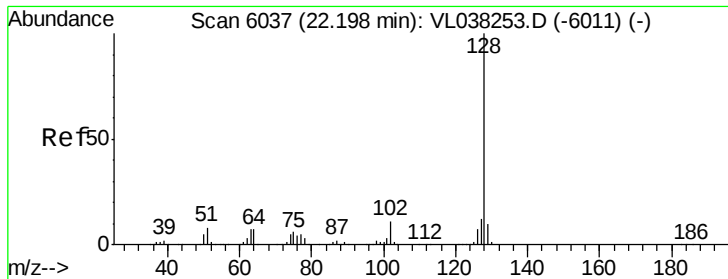
Delta R.T. -0.03 min

Lab File: VL038299.D

Acq: 27 Jan 2022 16:32

Tgt Ion:225 Resp: 663738
Ion Ratio Lower Upper
225 100
223 0.0 51.7 77.5#
227 0.0 51.4 77.0#



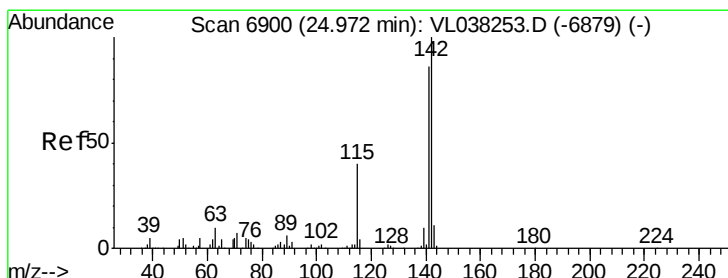
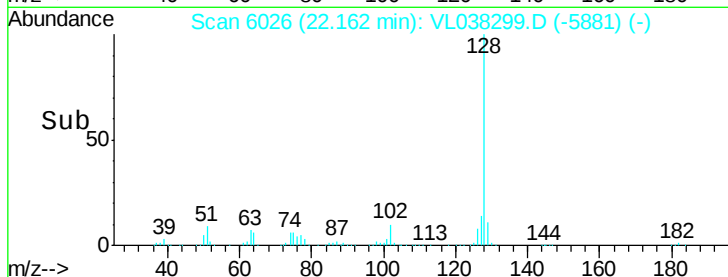
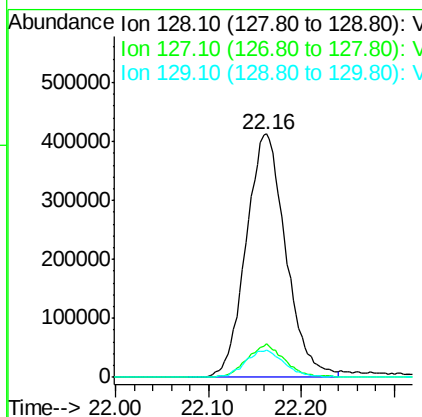
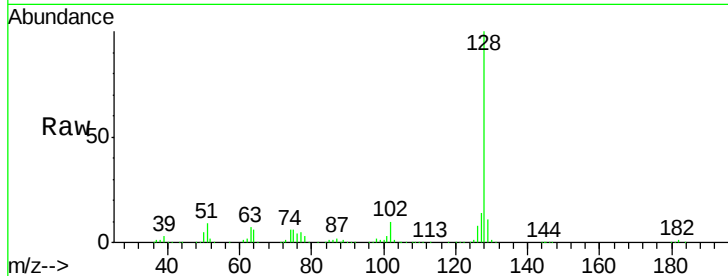


#79
Naphthalene
Concen: 11.835 ppbv
RT: 22.16 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL0127ABS01
Acq: 27 Jan 2022 16:32

Tgt Ion: 128
Ion Ratio: 100
127 13.1
129 11.1

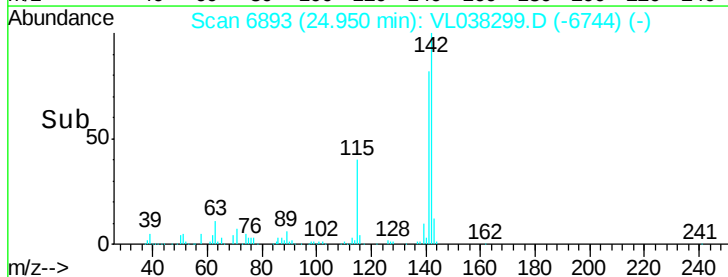
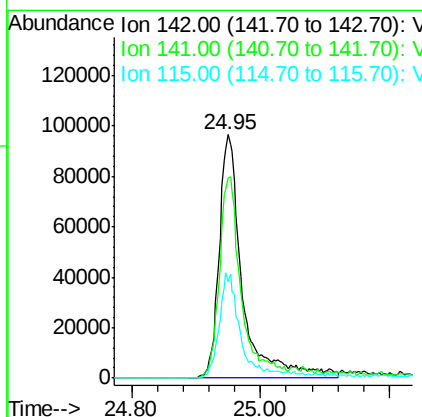
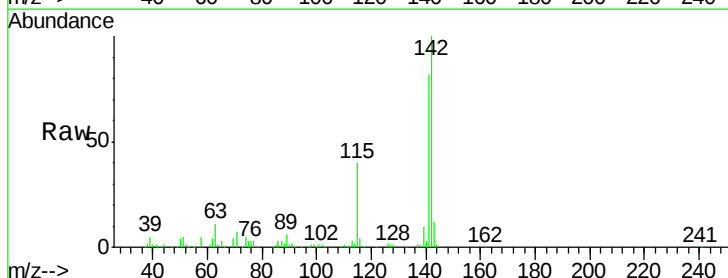
Manual Integrations
APPROVED

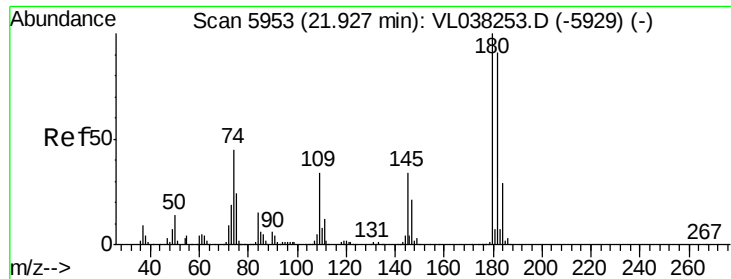
Reviewed By : Semsettin Yesilyurt 01/28/2022
Supervised By : Mahesh Dadoda 01/28/2022



#80
Naphthalene, 2-methyl-
Concen: 21.763 ppbv
RT: 24.95 min Scan# 6893
Delta R.T.: -0.02 min
Lab File: VL038299.D
Acq: 27 Jan 2022 16:32

Tgt Ion: 142 Resp: 245366
Ion Ratio Lower Upper
142 100
141 77.2 70.2 105.4
115 42.0 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.715 ppbv m
 RT: 21.90
 Delta R.T
 Lab File: ClientSampleId :
 VL0127ABS01
 Acq: 27 Jan 2022 10:32

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022

