

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038262.D
 Acq On : 24 Jan 2022 16:36
 Operator : SY/AP
 Sample : VL0124ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0124ABS01

Manual Integrations
 APPROVED

Quant Time: Jan 24 22:18:58 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 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	856154	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2285324	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2035231m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1622147	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1708094	9.372	ppbv 99
3) Chlorodifluoromethane	3.00	51	1460247	8.568	ppbv 99
4) Chloromethane	3.15	50	500612	8.537	ppbv 98
5) Vinyl Chloride	3.27	62	498732	8.522	ppbv 98
6) Bromomethane	3.48	94	286993	9.071	ppbv 99
7) Chloroethane	3.57	64	175364	8.871	ppbv 94
8) Dichlorotetrafluoroethane	3.20	85	1221046	8.658	ppbv 99
9) Propene	3.02	41	475840	8.576	ppbv 96
10) Heptane	8.13	43	1270541	8.901	ppbv 100
11) Trichlorofluoromethane	3.96	101	1232436	8.680	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	916243	8.537	ppbv 98
13) Ethanol	3.62	45	54002m	9.067	ppbv
14) Bromoethene	3.75	108	376350	8.974	ppbv 99
15) Acetone	3.86	43	612048	8.110	ppbv 98
16) 1,3-Butadiene	3.34	39	474726	8.765	ppbv 100
17) tert-Butyl alcohol	4.30	59	702881	8.485	ppbv 96
18) 1,1-Dichloroethene	4.30	96	403747	8.651	ppbv 98
19) Isopropyl Alcohol	3.97	45	374726	7.937	ppbv # 97
20) Methylene Chloride	4.36	84	342520	7.803	ppbv 98
21) Allyl Chloride	4.42	41	606776	9.087	ppbv 100
22) trans-1,2-Dichloroethene	4.90	96	438945	9.102	ppbv 99
23) Vinyl Acetate	5.08	43	1010106	9.205	ppbv 100
24) 1,1-Dichloroethane	5.02	63	851398	8.709	ppbv 99
25) Ethyl Acetate	5.69	43	1973884	9.341	ppbv 100
26) Hexane	5.70	57	899042	9.147	ppbv 99
27) Carbon Disulfide	4.56	76	1050459	9.135	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	901604	8.843	ppbv 99
29) Chloroform	5.76	83	1453224	9.058	ppbv 99
30) Cyclohexane	7.14	84	759355	8.873	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	928195	10.826	ppbv 97
32) 1,1,1-Trichloroethane	6.52	97	1430683	8.928	ppbv 99
34) 2-Butanone	5.26	43	665694	8.907	ppbv 99
35) Carbon Tetrachloride	7.03	117	1502319	9.365	ppbv 98
36) Benzene	6.90	78	1914561	9.471	ppbv 99
37) 1,2-Dichloroethane	6.32	62	1106921	9.560	ppbv 99
38) Trichloroethene	7.84	130	687305	9.127	ppbv 99
39) 1,2-Dichloropropane	7.62	63	757618	9.244	ppbv 99
40) 1,4-Dioxane	7.84	88	178849	9.067	ppbv 85
41) Tetrahydrofuran	6.06	42	490426	9.762	ppbv 99
42) Bromodichloromethane	7.80	83	1611515	9.381	ppbv 100
43) Methyl Methacrylate	8.02	69	722559	10.105	ppbv 99

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Instrument :
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 ClientSampleId :
 VL0124ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 24 22:18:58 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

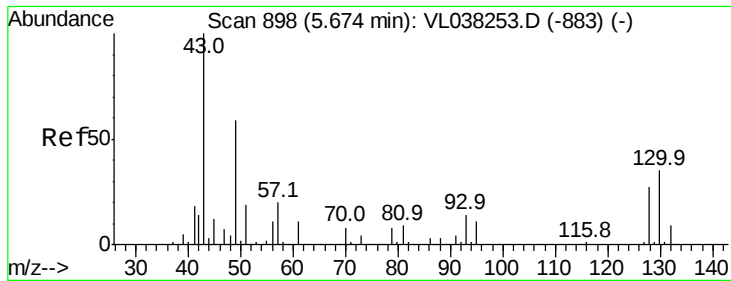
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3198000	8.977	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	646808	11.134	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	805432	10.391	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	765510	9.506	ppbv	97
48) Dibromochloromethane	10.31	129	1330000	9.810	ppbv	100
49) Bromoform	13.05	173	1029806	10.536	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	1276037	9.571	ppbv	99
51) 2-Hexanone	10.14	43	564552	9.615	ppbv	96
52) Tetrachloroethene	11.23	164	624750	8.967	ppbv	95
53) Toluene	9.82	91	2168425	9.691	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1138497	9.944	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	854813	9.596	ppbv	96
57) Chlorobenzene	12.15	112	1556666	9.558	ppbv	100
58) Ethyl Benzene	12.72	91	2922192	9.770	ppbv	100
59) m/p-Xylene	13.00	91	4843074m	18.978	ppbv	
60) o-Xylene	13.70	91	2284176	9.624	ppbv	99
61) Styrene	13.53	104	1219960	11.014	ppbv	100
62) Isopropylbenzene	14.67	105	3051377	9.644	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1638234	9.328	ppbv	100
64) n-propylbenzene	15.57	120	780419	10.253	ppbv	98
65) tert-Butylbenzene	16.75	119	2592486	9.948	ppbv	99
66) Benzyl Chloride	17.00	91	141273	11.934	ppbv	97
67) sec-Butylbenzene	17.30	105	3603674	9.940	ppbv	99
69) p-Isopropyltoluene	17.66	119	2916895	10.514	ppbv	100
70) n-Butylbenzene	18.55	91	2933617	10.796	ppbv	99
71) 2-Chlorotoluene	15.46	91	2387335	10.187	ppbv	99
72) 4-Ethyltoluene	15.84	105	2629931	10.596	ppbv	100
73) 1,3,5-Trimethylbenzene	16.01	105	2314758	10.370	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	2381188	10.126	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	1329044	10.532	ppbv	100
76) 1,4-Dichlorobenzene	17.15	146	1302200	10.659	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1230073	10.495	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	646120	7.929	ppbv	100
79) Naphthalene	22.20	128	1130119	10.279	ppbv	99
80) Naphthalene, 2-methyl-	24.98	142	197563	16.523	ppbv	96
81) 1,2,4-Trichlorobenzene	21.94	180	613403	9.486	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:30 VL0124ABS01

Tot Ion:

Ion Ratio

49 100

128 48.

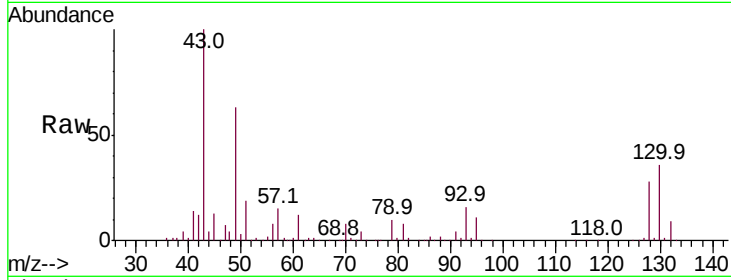
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

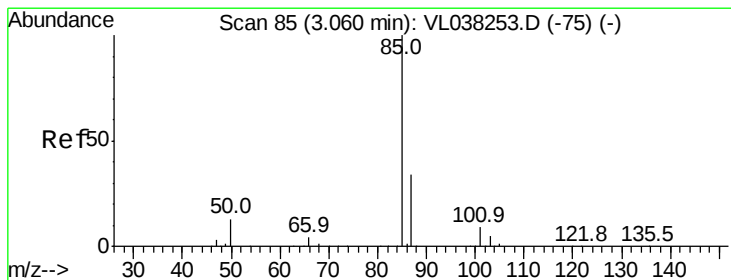
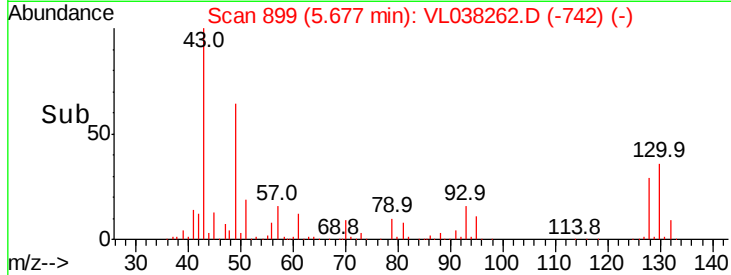
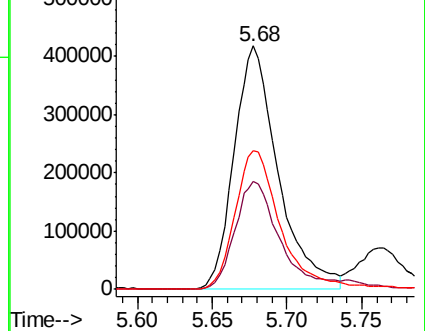
Supervised By :Mahesh Dadoda 01/26/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 9.372 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.00 min

Lab File: VL038262.D

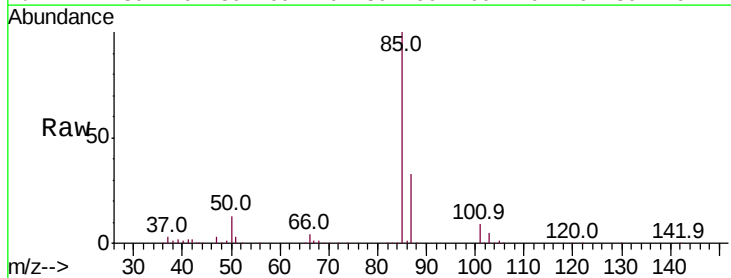
Acq: 24 Jan 2022 16:36

Tgt Ion: 85 Resp: 1708094

Ion Ratio Lower Upper

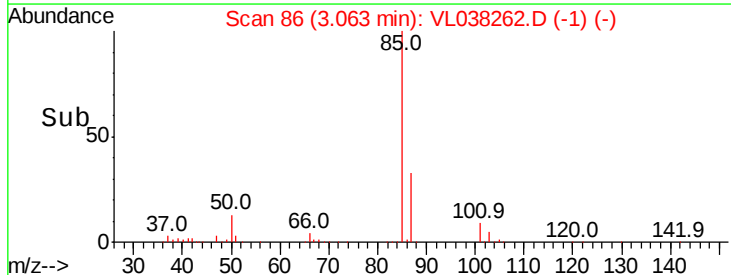
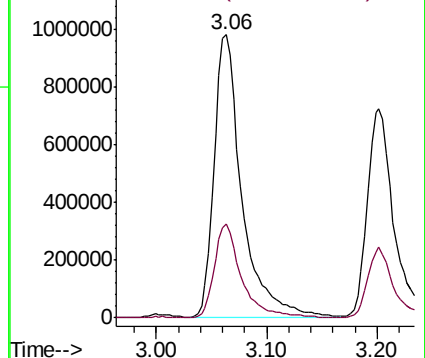
85 100

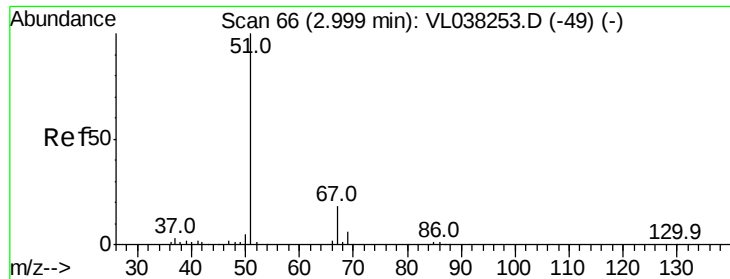
87 33.3 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



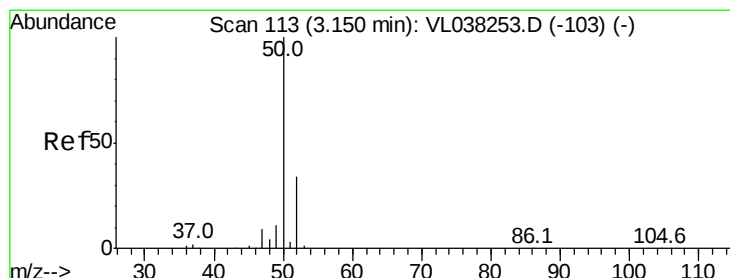
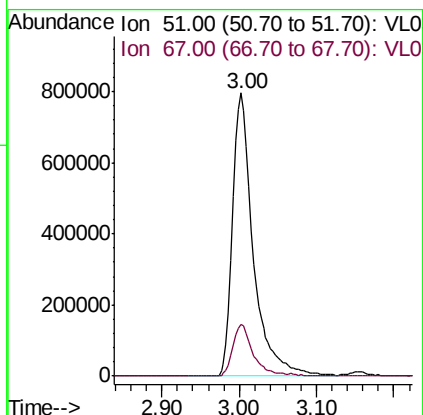
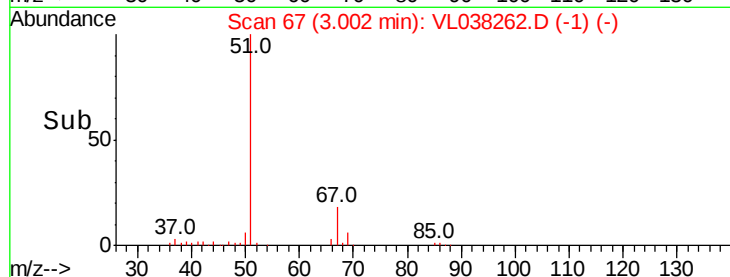
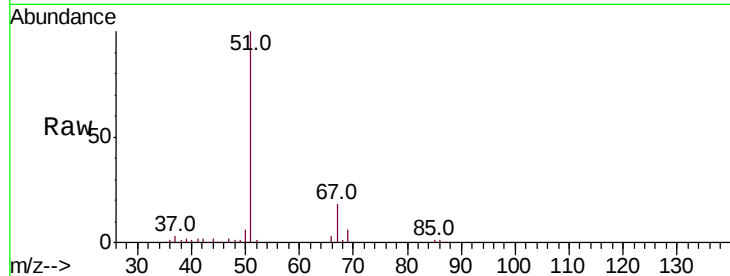


#3
Chlorodifluoromethane
Concen: 8.568 ppbv
RT: 3.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
51 100
67 18.

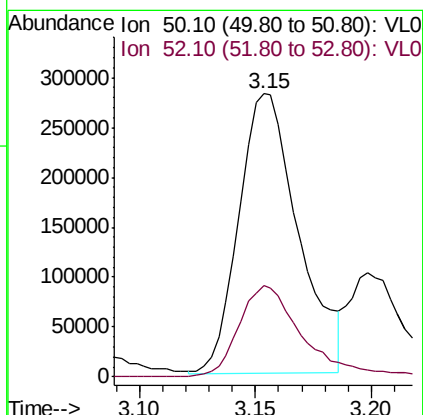
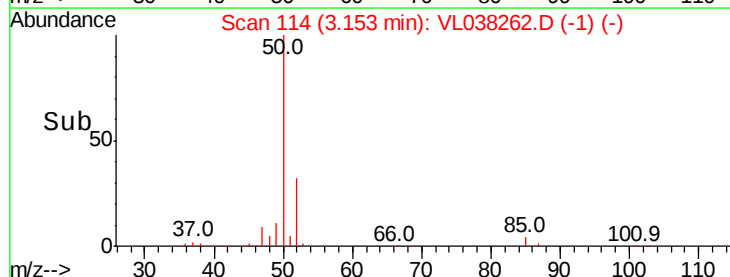
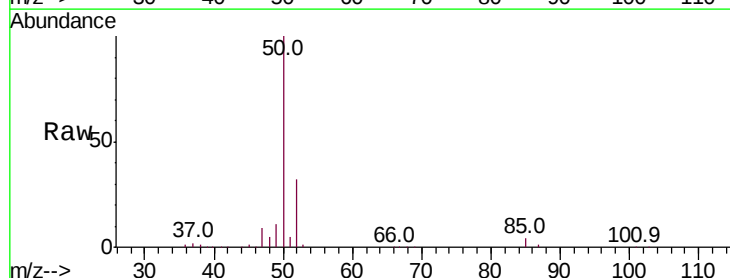
Manual Integrations
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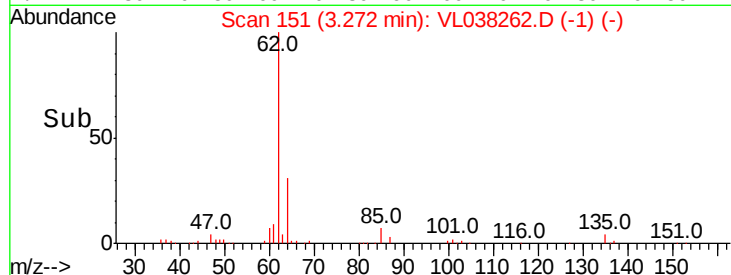
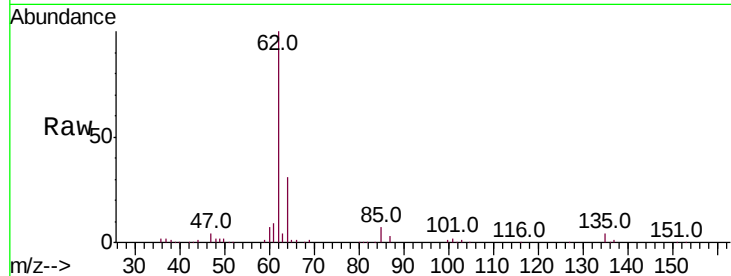
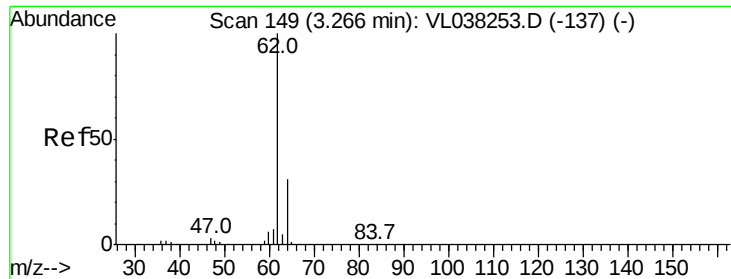
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#4
Chloromethane
Concen: 8.537 ppbv
RT: 3.15 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 50 Resp: 500612
Ion Ratio Lower Upper
50 100
52 32.9 27.1 40.7





#5

Vinyl Chloride

Concen: 8.522 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:30 VL0124ABS01

Tot Ion:

Ion Ratio

62 100

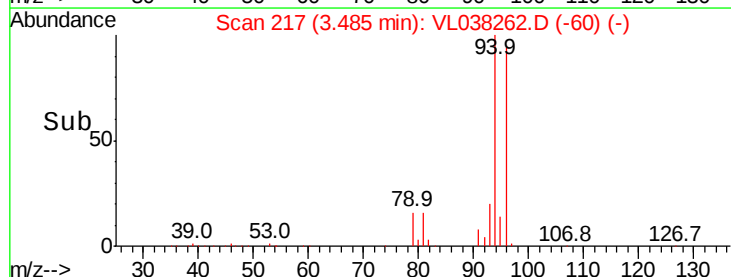
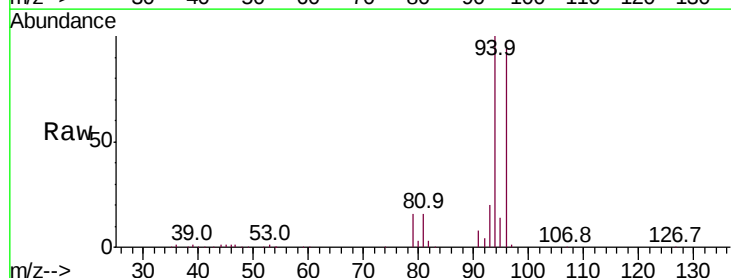
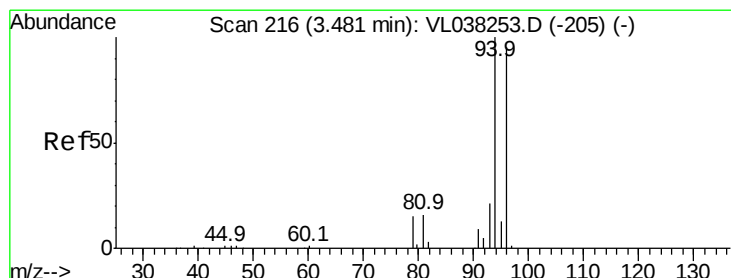
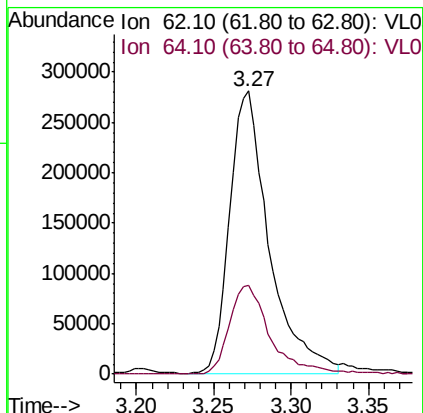
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#6

Bromomethane

Concen: 9.071 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.00 min

Lab File: VL038262.D

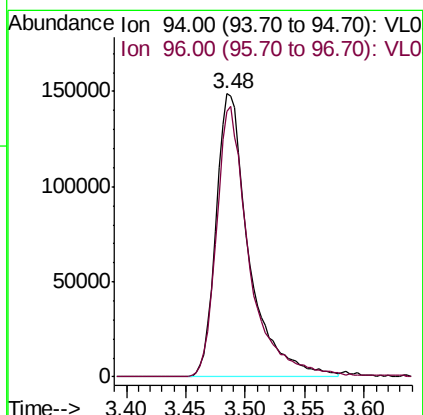
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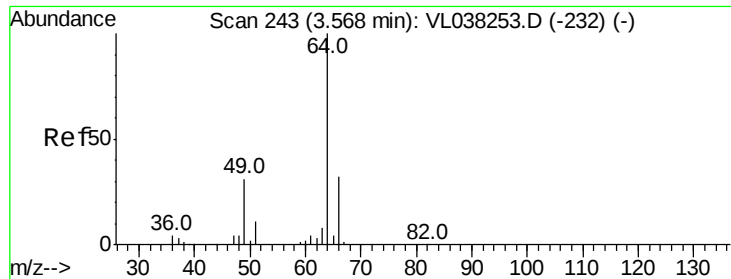
Tgt Ion: 94 Resp: 286993

Ion Ratio Lower Upper

94 100

96 93.9 76.0 114.0





#7

Chloroethane

Concen: 8.871 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:36 VL0124ABS01

Tot Ion:

Ion Ratio

64 100

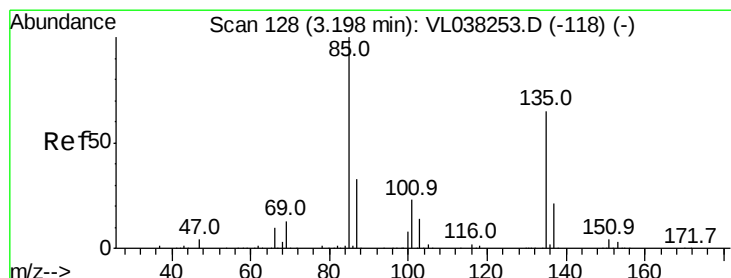
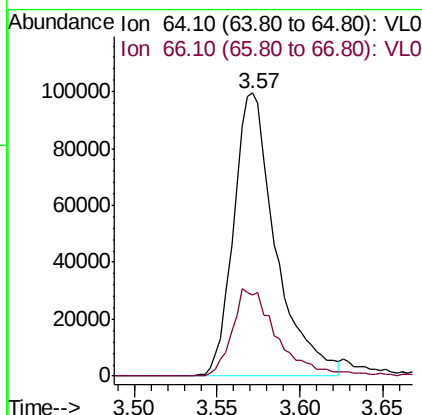
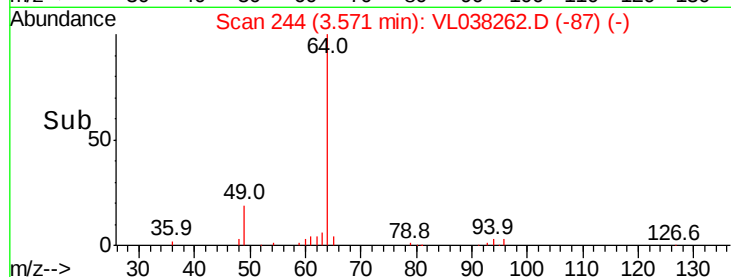
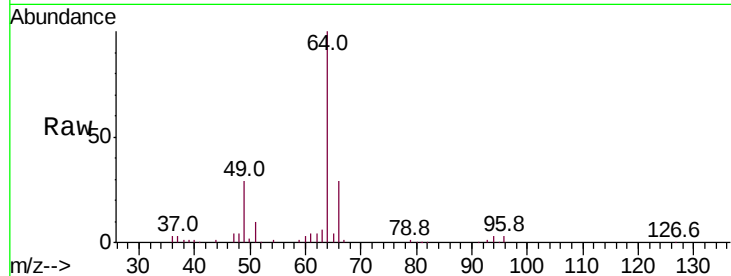
66 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#8

Dichlorotetrafluoroethane

Concen: 8.658 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.00 min

Lab File: VL038262.D

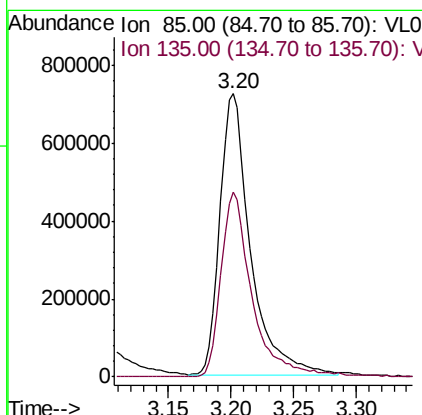
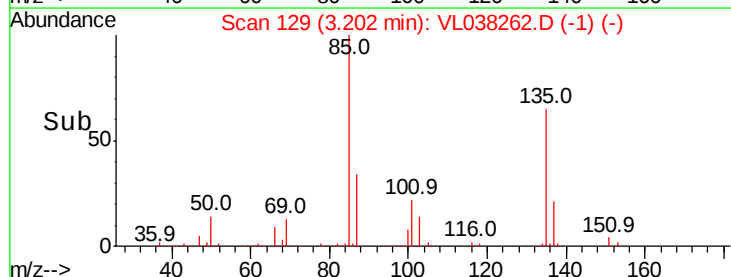
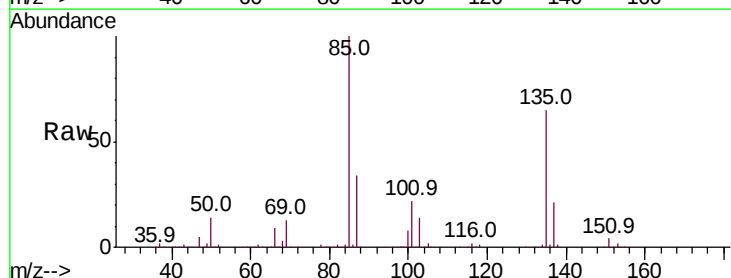
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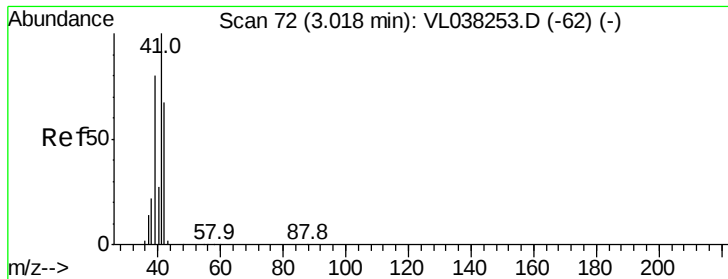
Tgt Ion: 85 Resp: 1221046

Ion Ratio Lower Upper

85 100

135 67.7 53.7 80.5



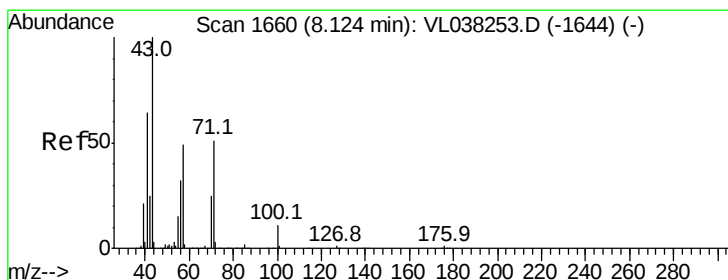
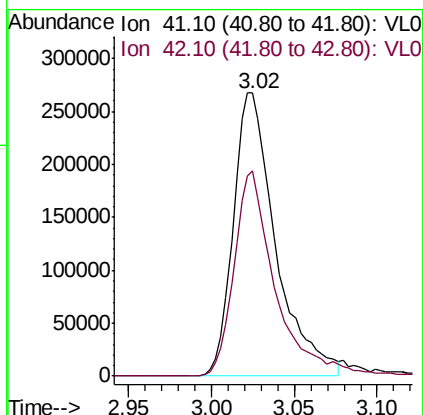
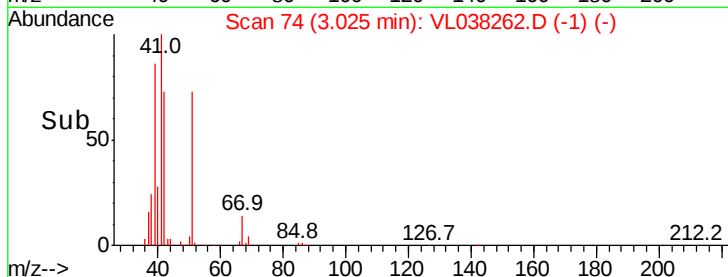
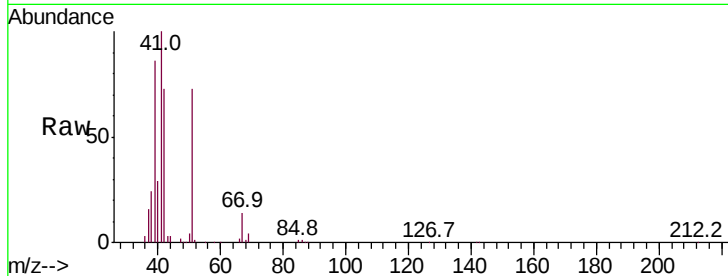


#9
 Propene
 Concen: 8.576 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 41 100
 42 71.

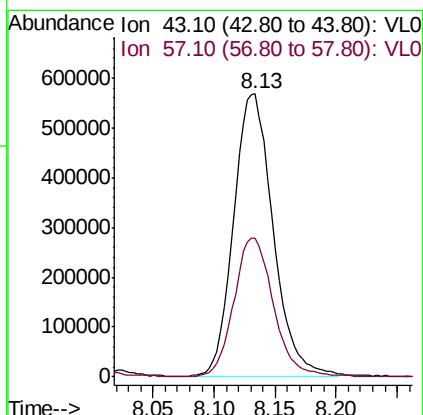
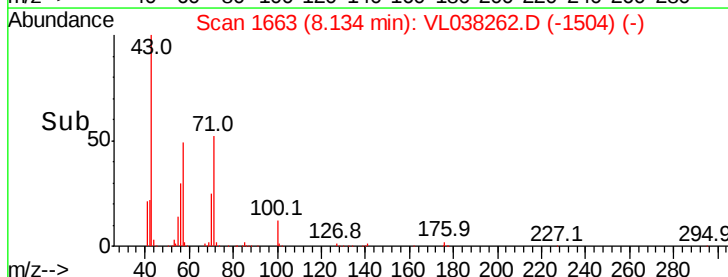
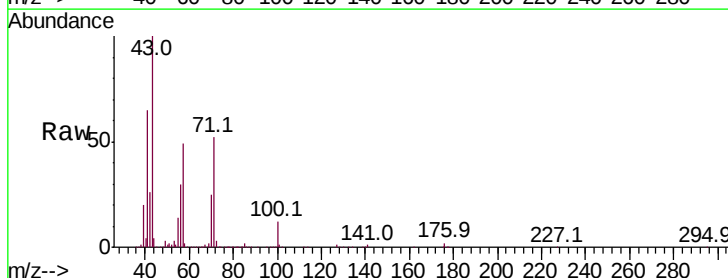
Manual Integrations
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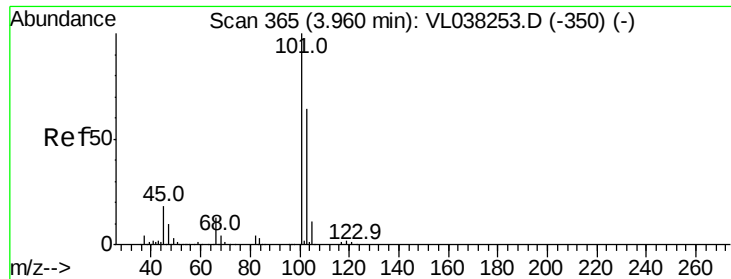
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#10
 Heptane
 Concen: 8.901 ppbv
 RT: 8.13 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion: 43 Resp: 1270541
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.5 59.3



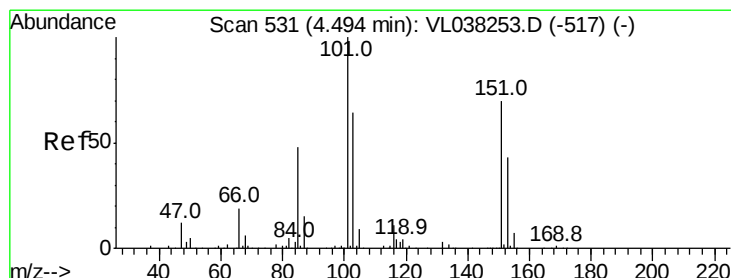
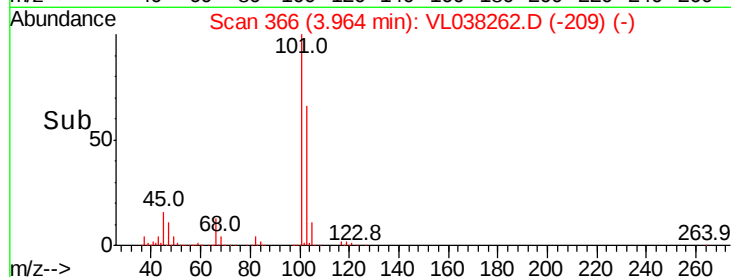
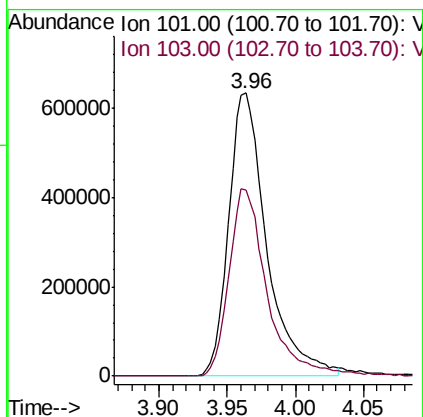
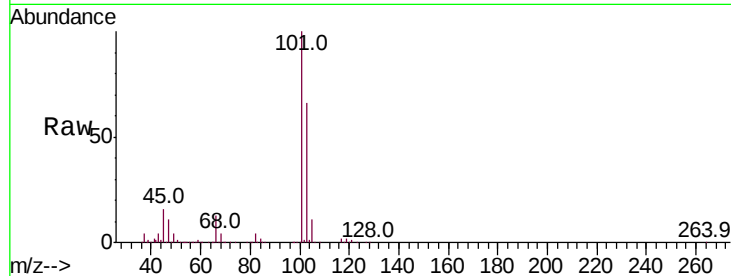


#11
 Trichlorofluoromethane
 Concen: 8.680 ppbv
 RT: 3.96
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:1
 Ion Rati
 101 100
 103 65.

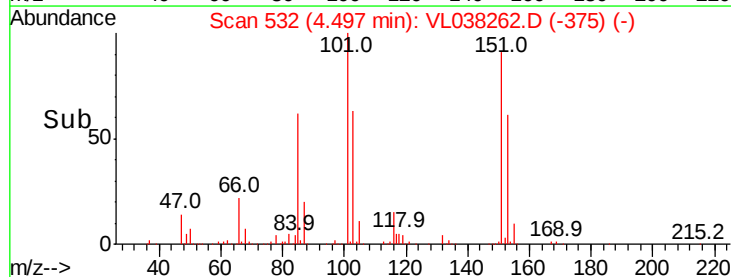
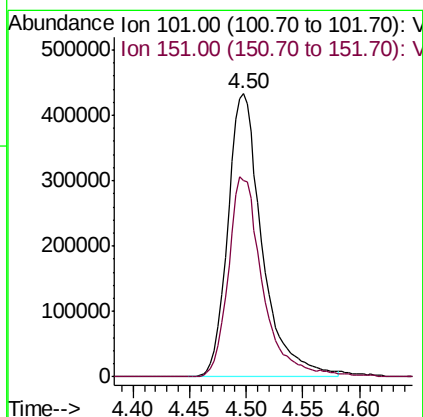
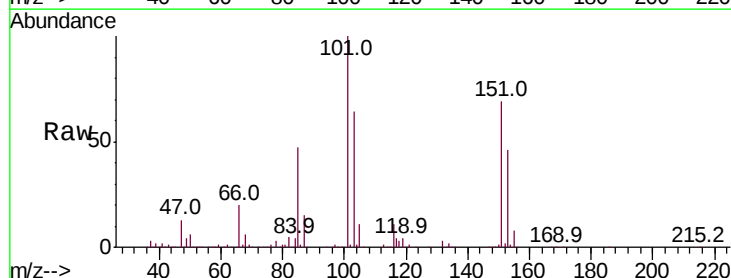
Manual Integrations
 APPROVED

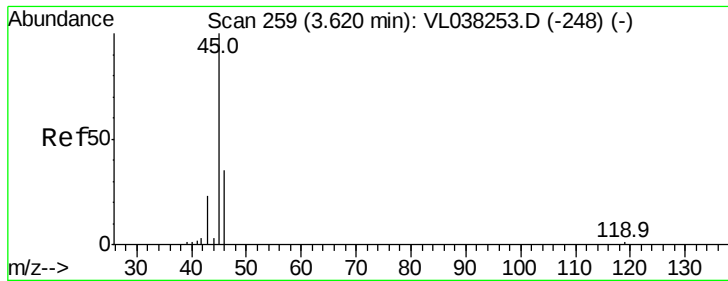
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.537 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion:101 Resp: 916243
 Ion Ratio Lower Upper
 101 100
 151 71.1 55.3 82.9



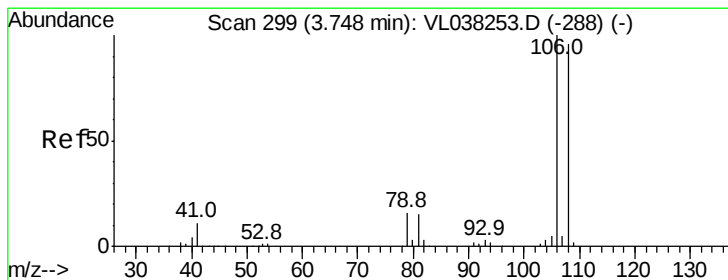
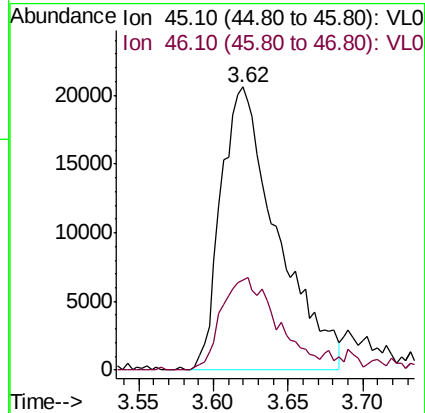
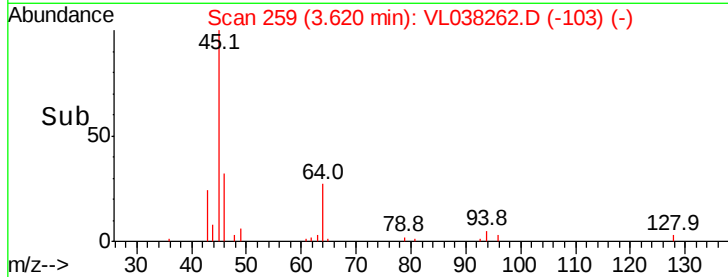
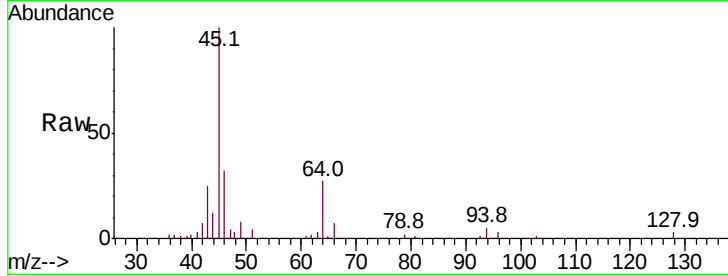


#13
Ethanol
Concen: 9.067 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 16:30

Tot Ion:
Ion Ratio
45 100
46 33.

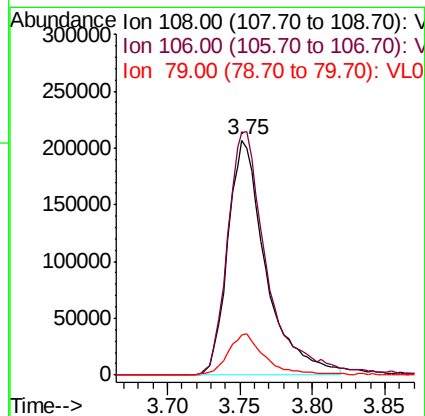
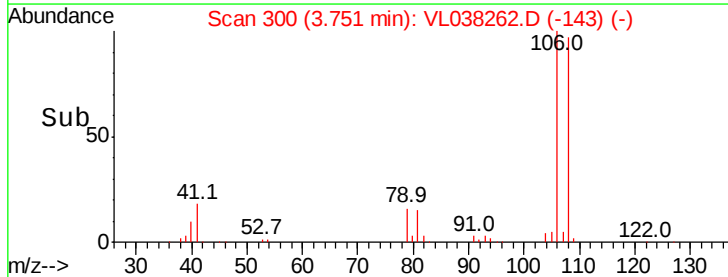
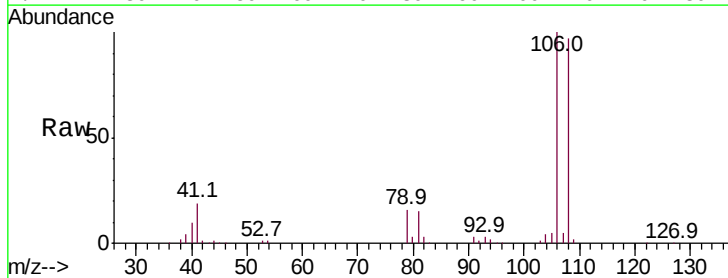
Manual Integrations
APPROVED

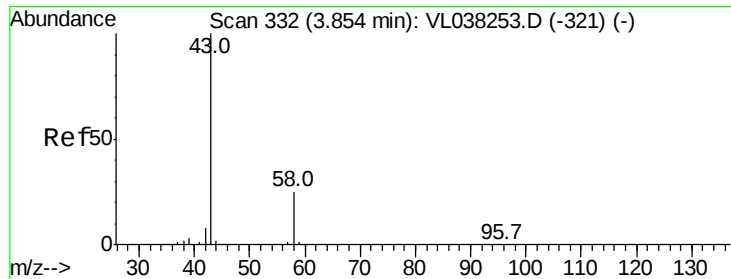
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#14
Bromoethene
Concen: 8.974 ppbv
RT: 3.75 min Scan# 300
Delta R.T.: 0.00 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion:108 Resp: 376350
Ion Ratio Lower Upper
108 100
106 109.1 86.4 129.6
79 17.5 14.1 21.1



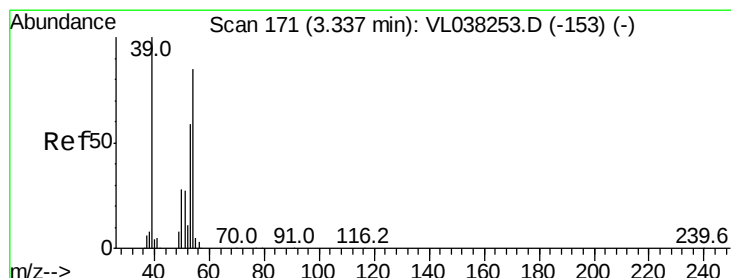
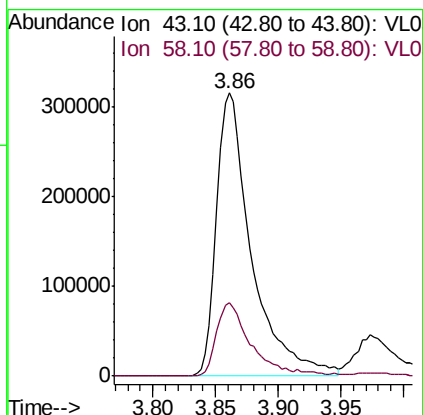
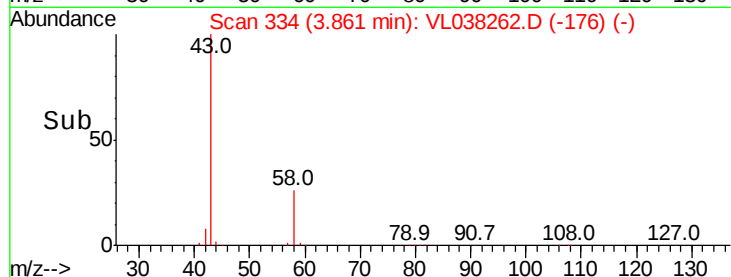
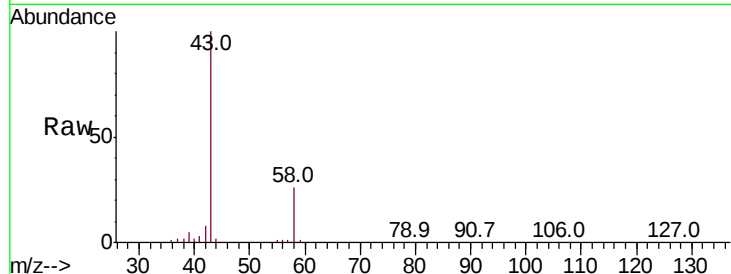


#15
Acetone
Concen: 8.110 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
43 100
58 26.

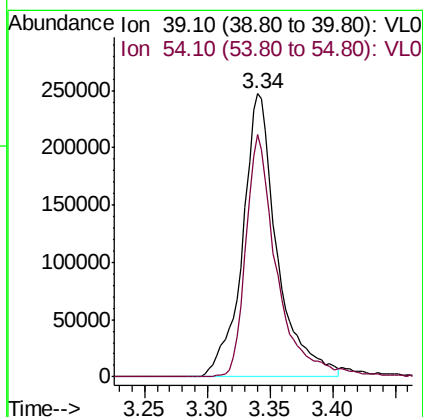
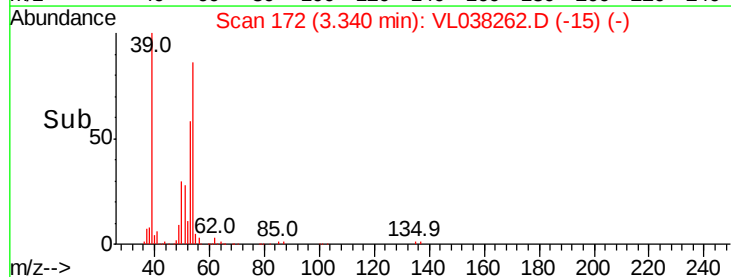
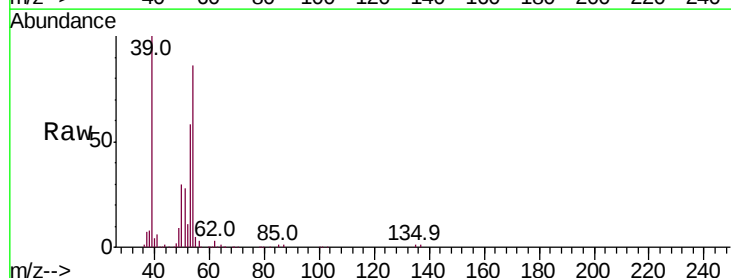
Manual Integrations
APPROVED

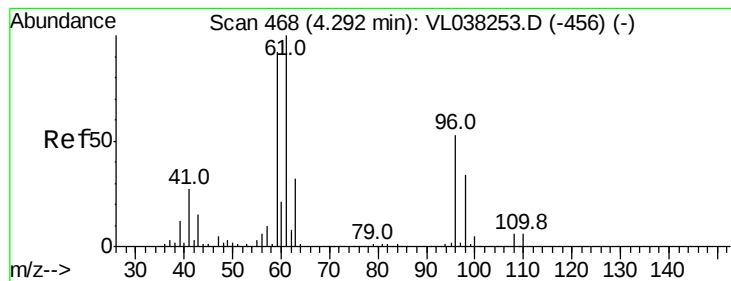
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#16
1,3-Butadiene
Concen: 8.765 ppbv
RT: 3.34 min Scan# 172
Delta R.T. 0.00 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 39 Resp: 474726
Ion Ratio Lower Upper
39 100
54 77.9 62.6 94.0





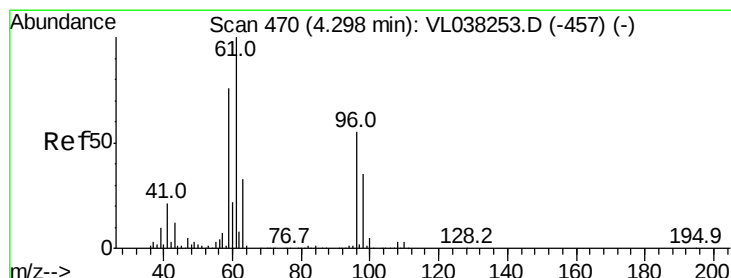
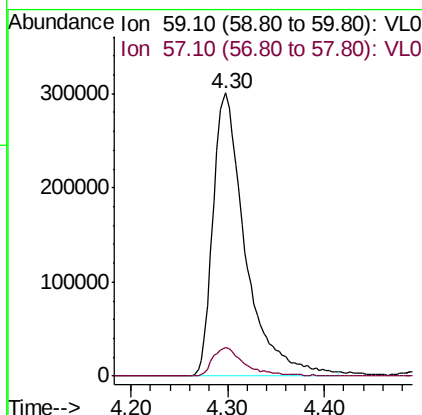
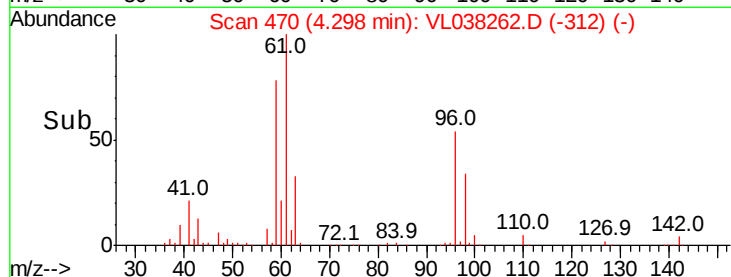
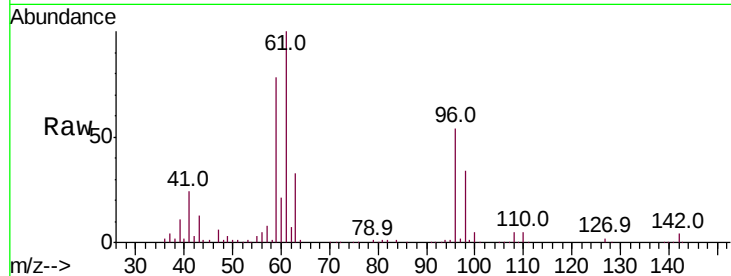
#17

tert-Butyl alcohol
Concen: 8.485 ppbv
RT: 4.30 min
Delta R.T. 0.01 min
Lab File: VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
59 100
57 10.

Manual Integrations
APPROVED

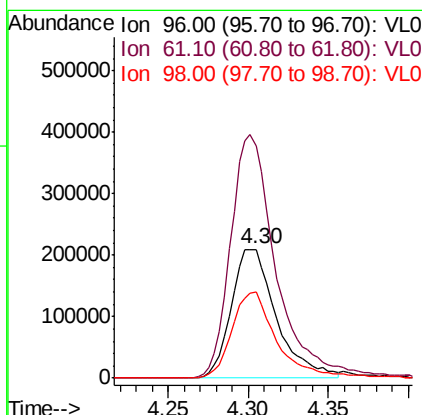
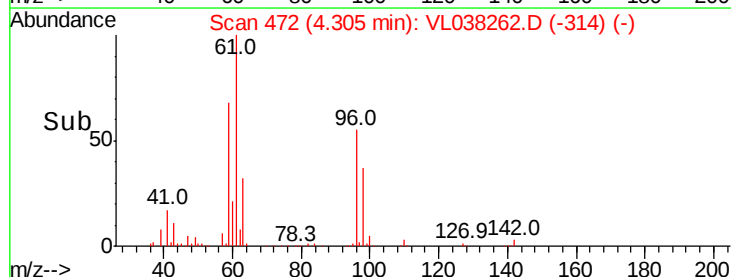
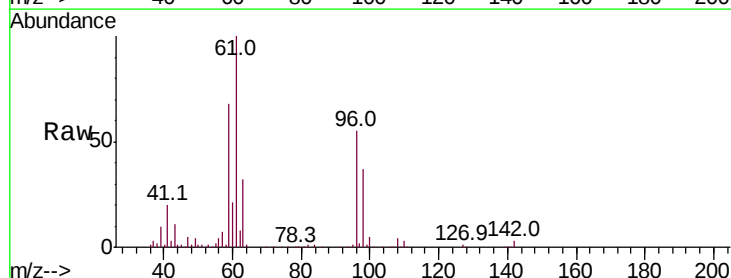
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022

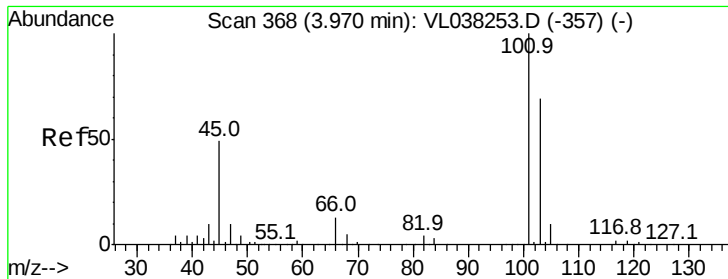


#18

1,1-Dichloroethene
Concen: 8.651 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 96 Resp: 403747
Ion Ratio Lower Upper
96 100
61 180.2 146.5 219.7
98 66.9 51.9 77.9





#19

Isopropyl Alcohol

Concen: 7.937 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:36

Tot Ion:

Ion Ratio

45 100

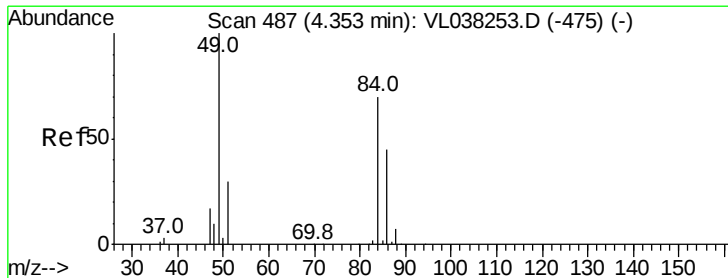
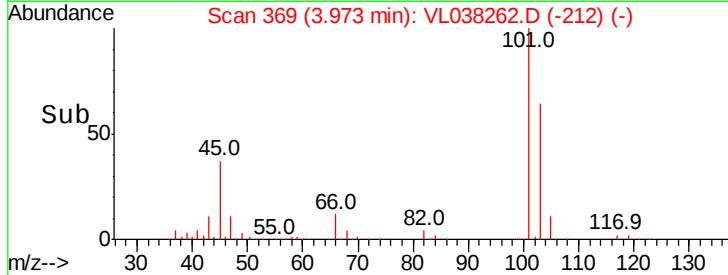
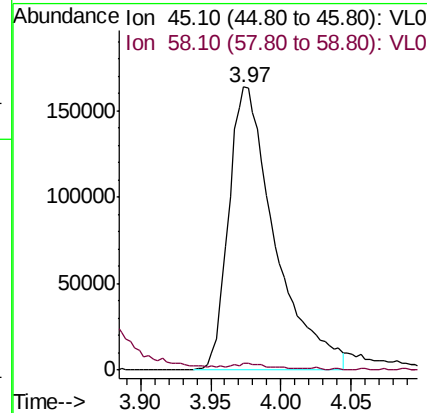
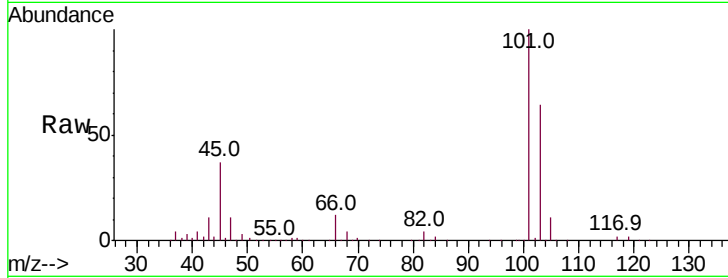
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#20

Methylene Chloride

Concen: 7.803 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

Tgt Ion: 84 Resp: 342520

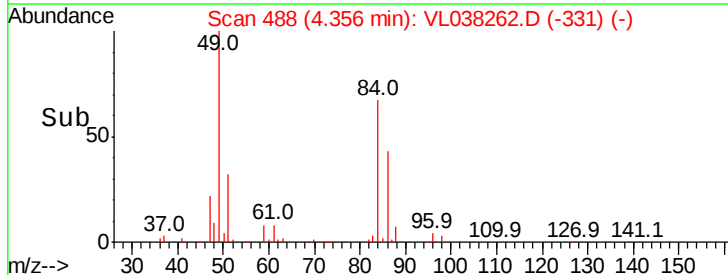
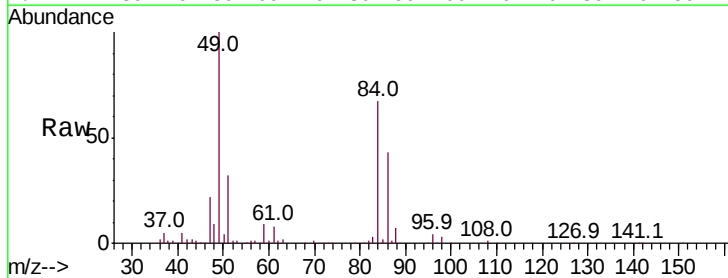
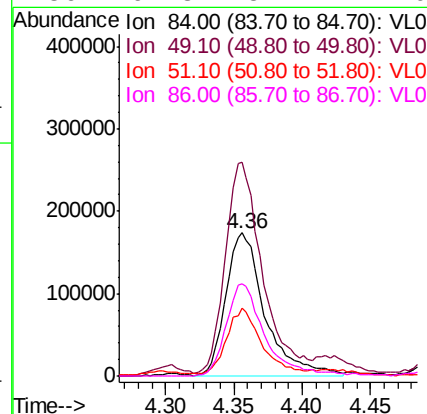
Ion Ratio Lower Upper

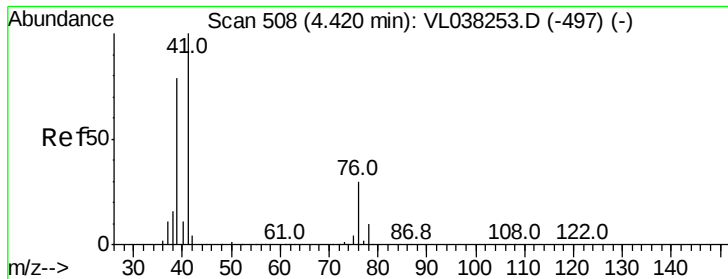
84 100

49 147.8 115.0 172.6

51 45.4 35.0 52.6

86 64.3 51.4 77.0



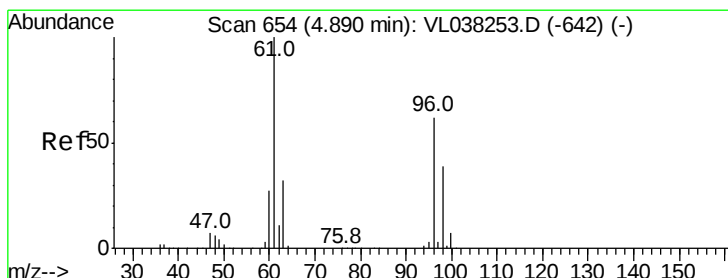
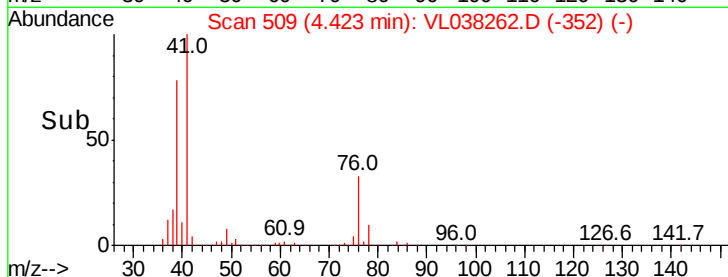
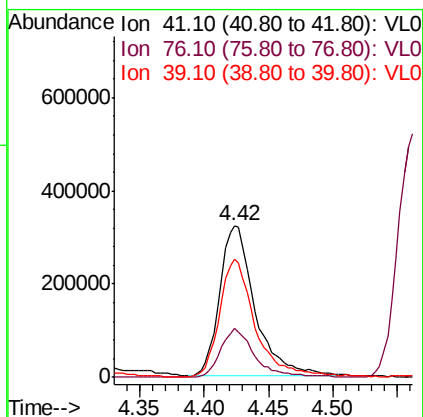
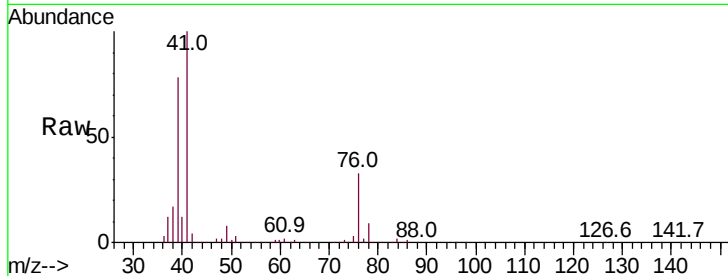


#21
Allvl Chloride
Concen: 9.087 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
41 100
76 31.
39 79.

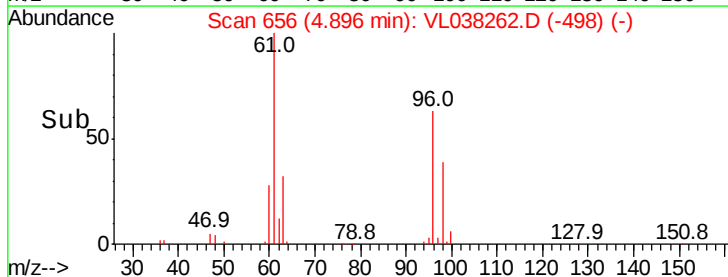
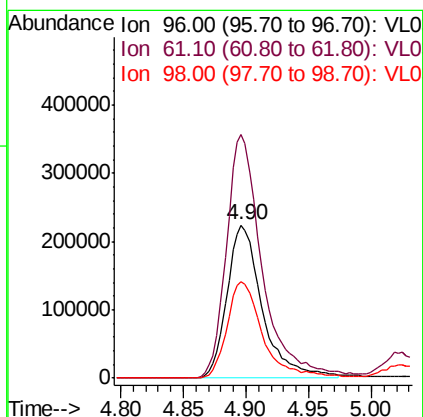
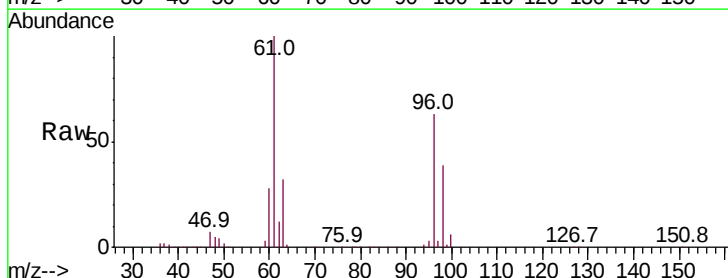
Manual Integrations
APPROVED

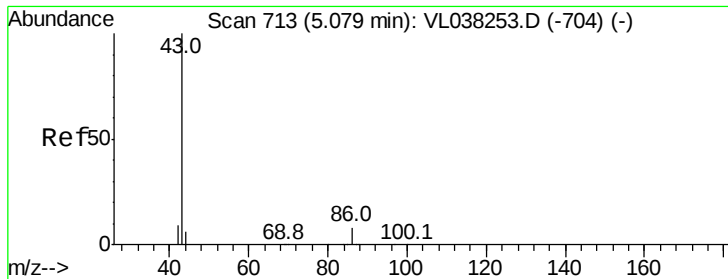
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#22
trans-1,2-Dichloroethene
Concen: 9.102 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 96 Resp: 438945
Ion Ratio Lower Upper
96 100
61 158.6 128.8 193.2
98 62.6 49.8 74.8





#23

Vinyl Acetate

Concen: 9.205 ppbv

RT: 5.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:36 VL0124ABS01

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

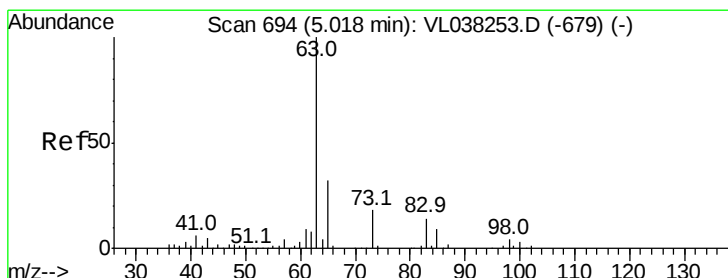
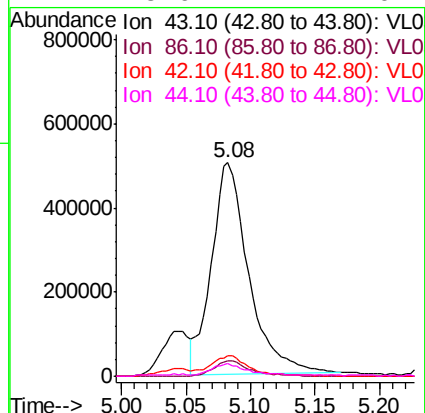
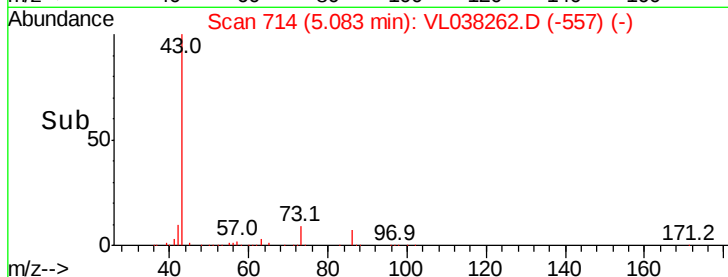
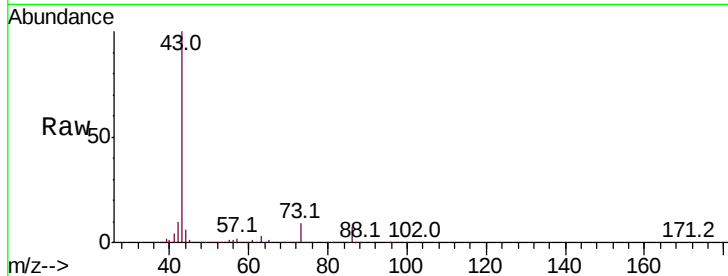
44 5.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#24

1,1-Dichloroethane

Concen: 8.709 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.00 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

Tgt Ion: 63 Resp: 851398

Ion Ratio Lower Upper

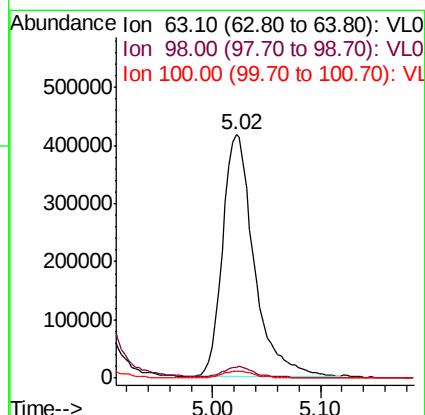
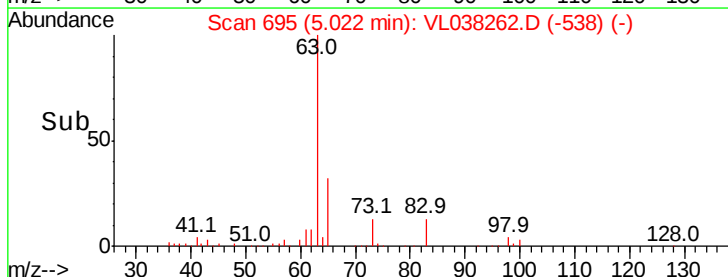
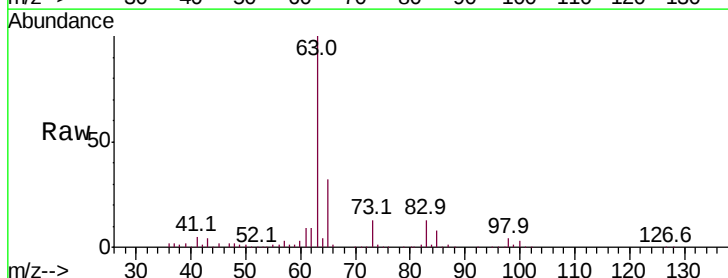
63 100

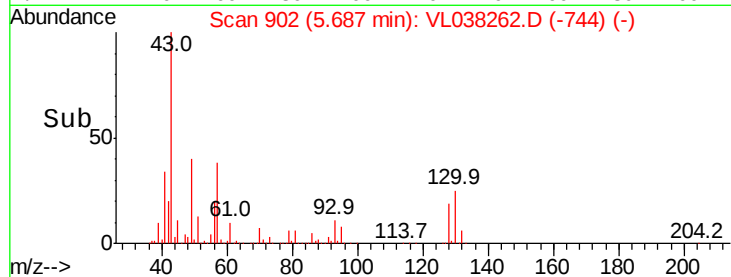
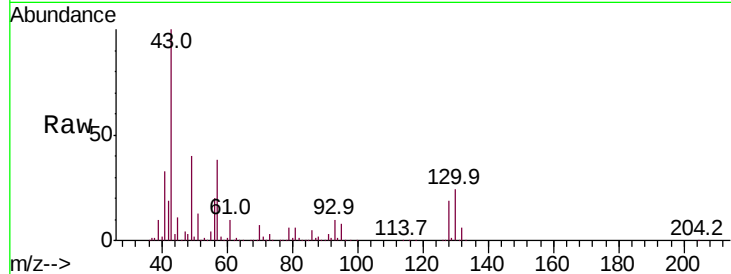
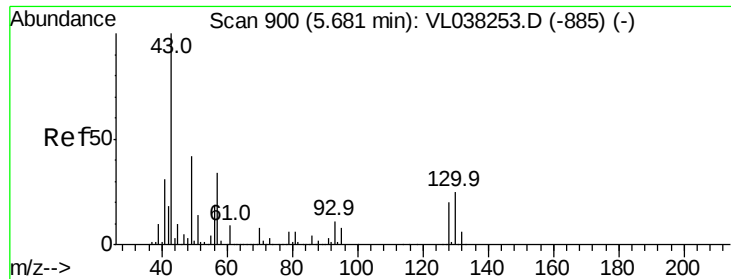
98 4.3

100 2.8

2.3 6.8

1.3 3.9



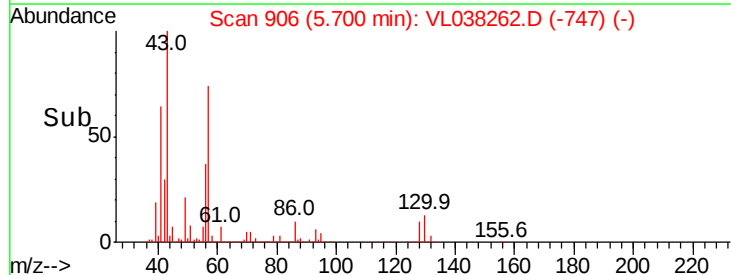
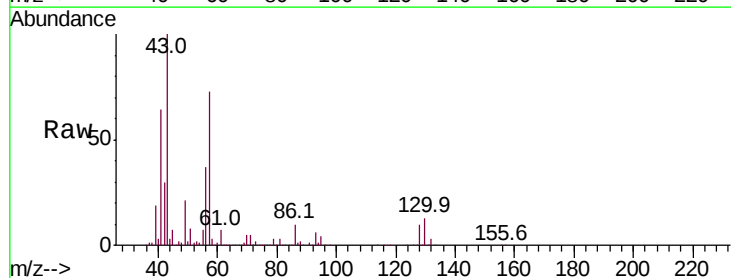
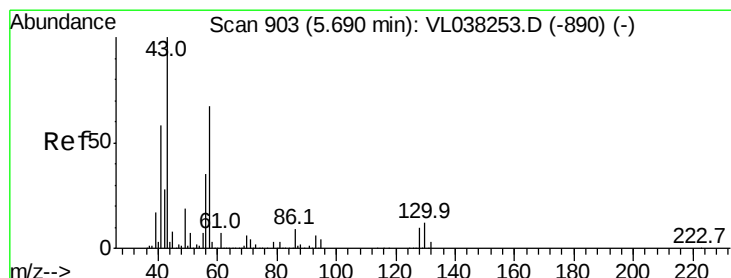
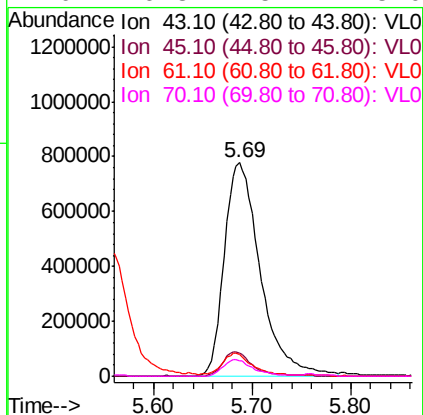


#25
Ethyl Acetate
Concen: 9.341 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:30

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.8 5.4 8.0

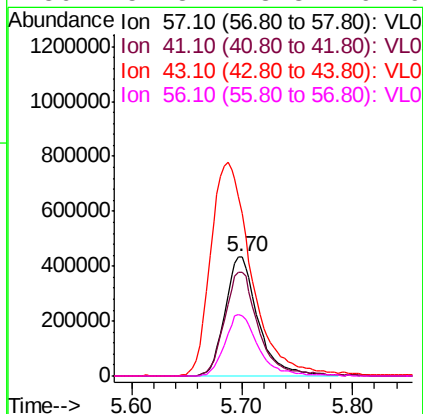
Manual Integrations
APPROVED

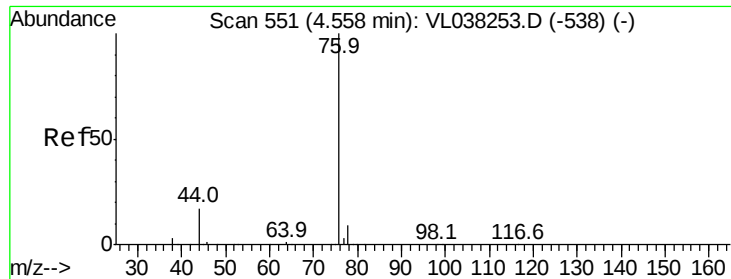
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 9.147 ppbv
RT: 5.70 min Scan# 906
Delta R.T.: 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 57 Resp: 899042
Ion Ratio Lower Upper
57 100
41 90.0 72.8 109.2
43 222.7 177.0 265.6
56 52.8 43.3 64.9





#27

Carbon Disulfide

Concen: 9.135 ppbv

RT: 4.56

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId : VL0124ABS01

Acq: 24 Jan 2022 16:36

Tot Ion:

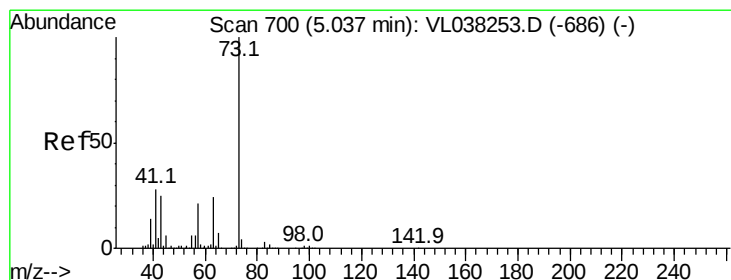
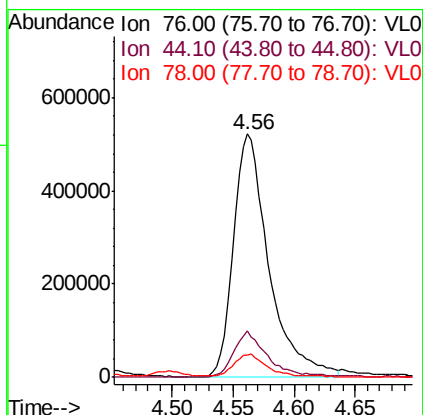
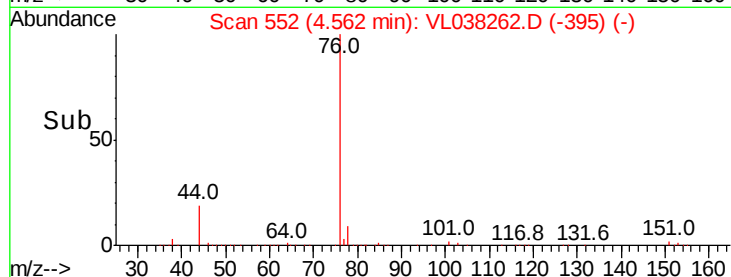
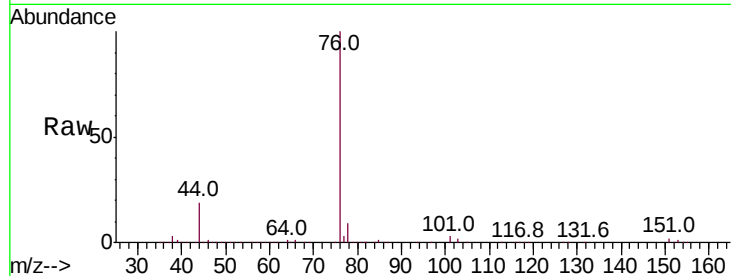
Ion	Ratio
76	100
44	18.
78	9.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 01/25/2022

Supervised By : Mahesh Dadoda 01/26/2022



#28

Methyl tert-Butyl Ether

Concen: 8.843 ppbv

RT: 5.04 min Scan# 702

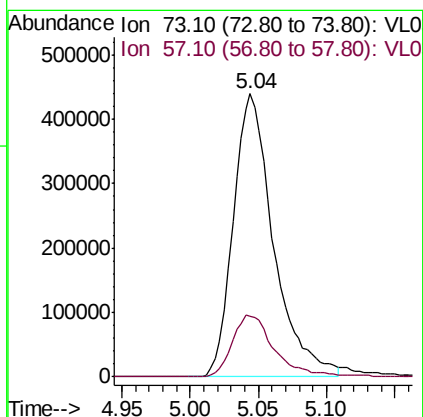
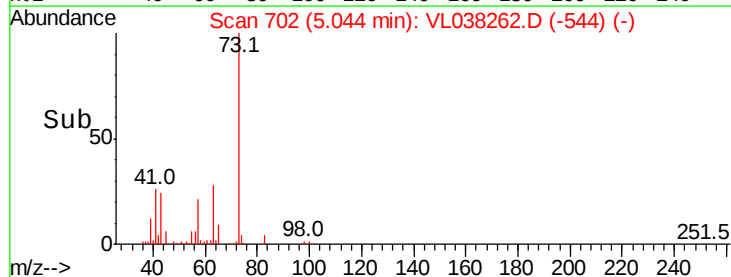
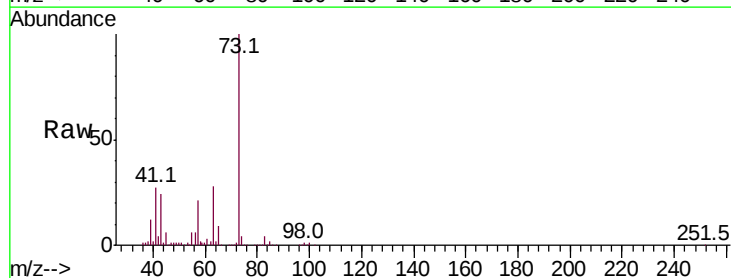
Delta R.T. 0.01 min

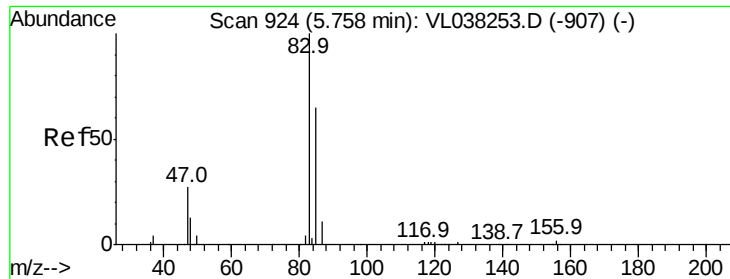
Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

Tgt Ion: 73 Resp: 901604

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.2	27.4



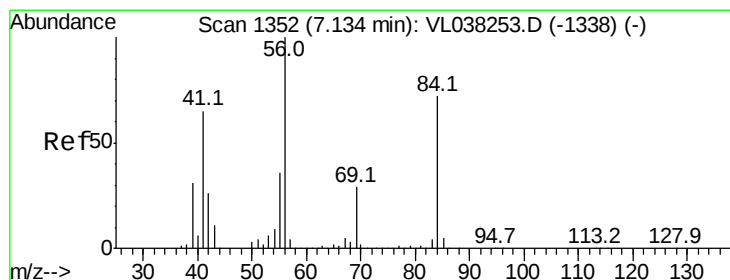
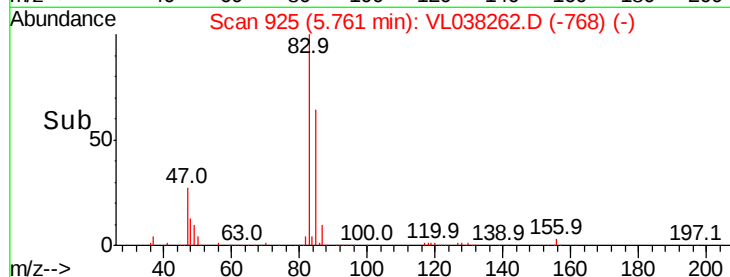
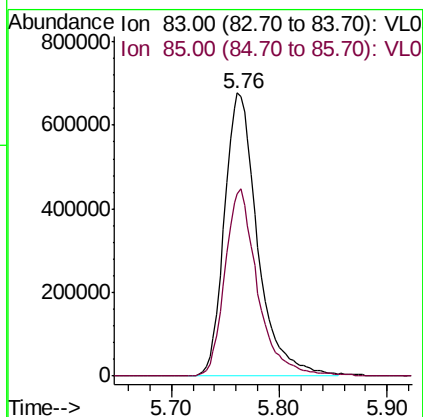
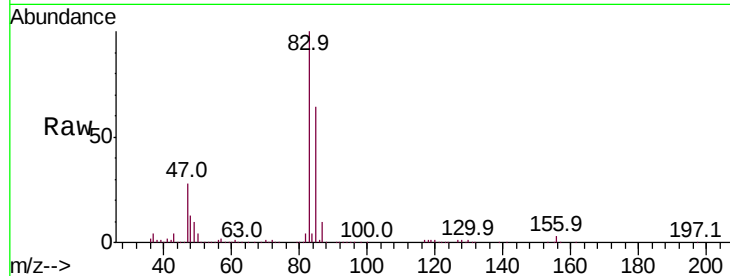


#29
Chloroform
Concen: 9.058 ppbv
RT: 5.76
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
83 100
85 64.

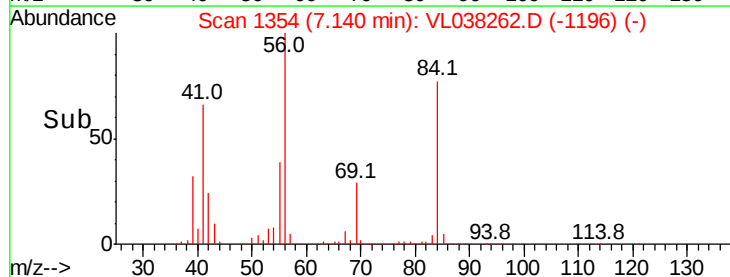
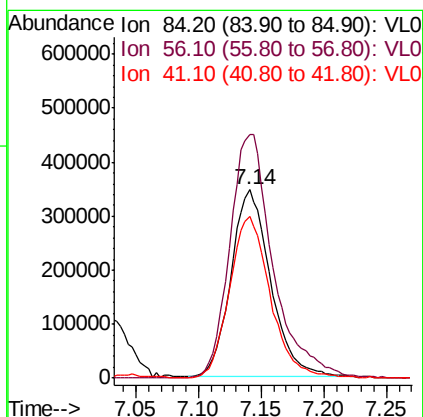
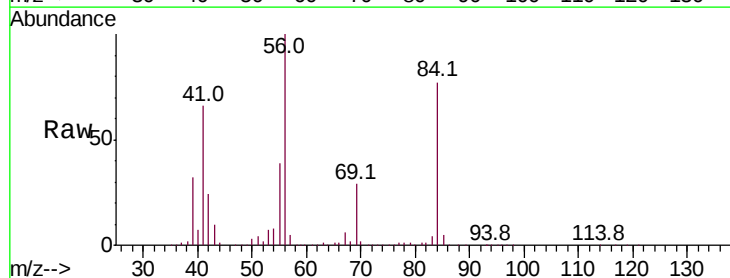
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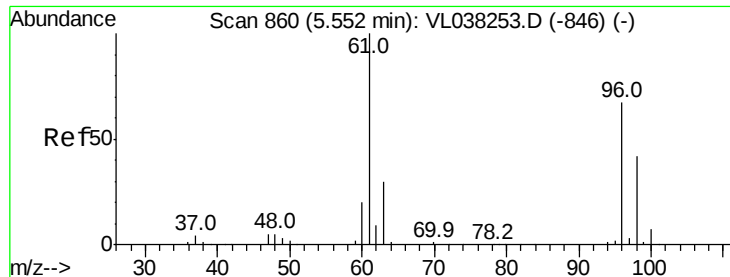
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#30
Cyclohexane
Concen: 8.873 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 84 Resp: 759355
Ion Ratio Lower Upper
84 100
56 143.9 112.7 169.1
41 90.1 71.1 106.7



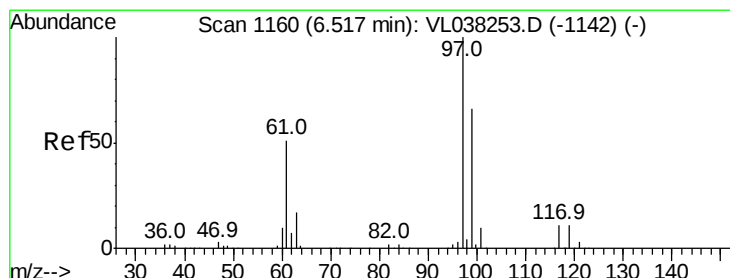
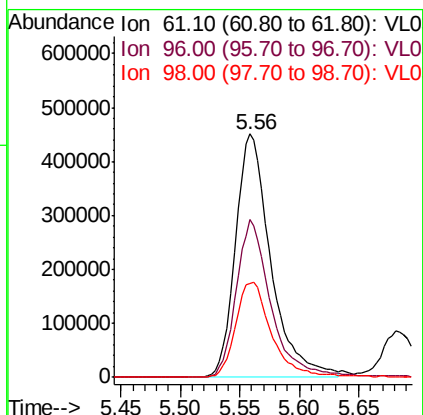
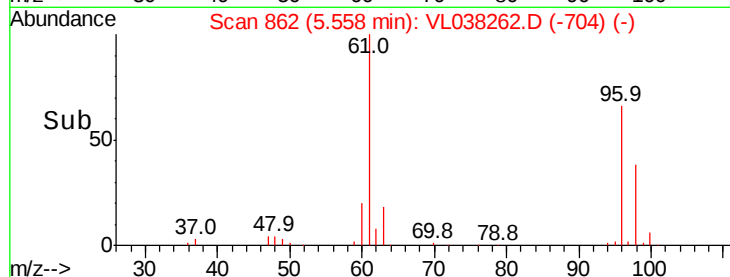
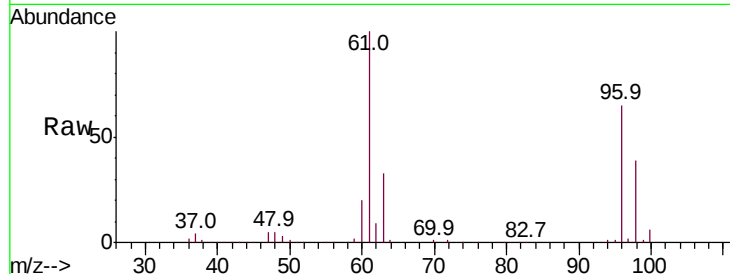


#31
 cis-1,2-Dichloroethene
 Concen: 10.826 ppbv
 RT: 5.56
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 61 100
 96 65.
 98 38.

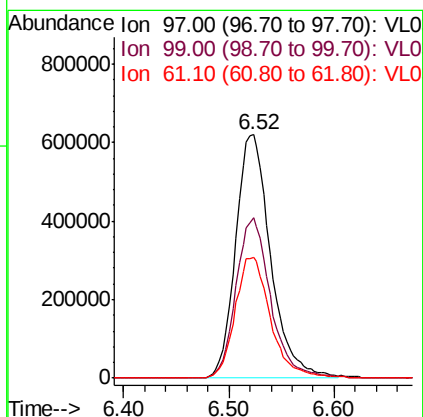
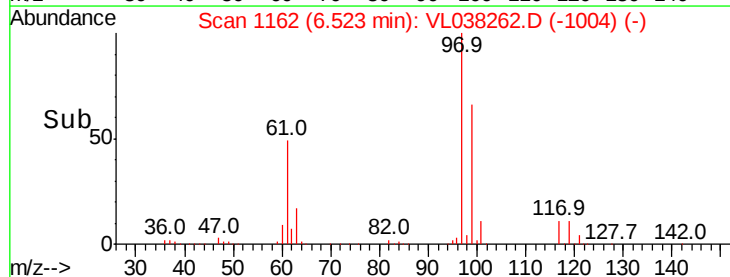
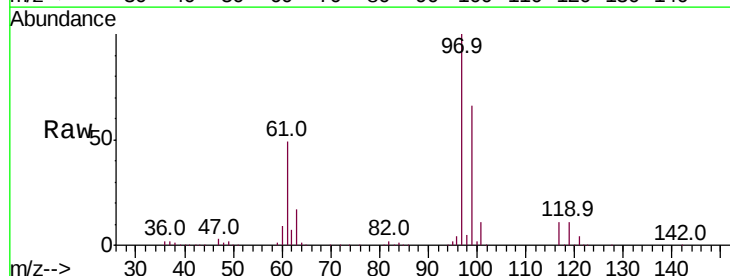
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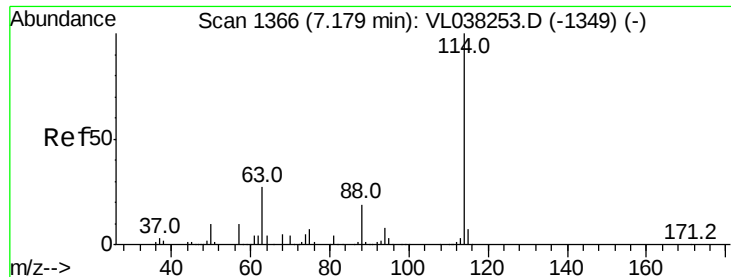
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#32
 1,1,1-Trichloroethane
 Concen: 8.928 ppbv
 RT: 6.52 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion: 97 Resp: 1430683
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.5 77.3
 61 50.3 40.5 60.7



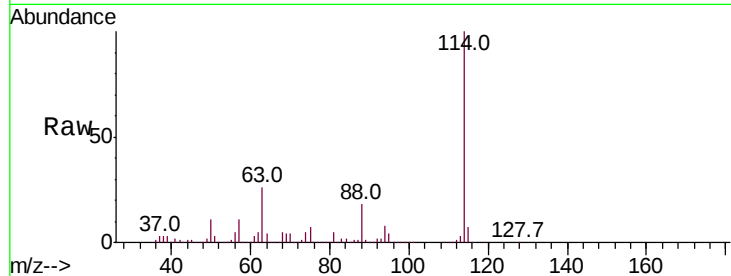


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0124ABS01
 Acq: 24 Jan 2022 16:30

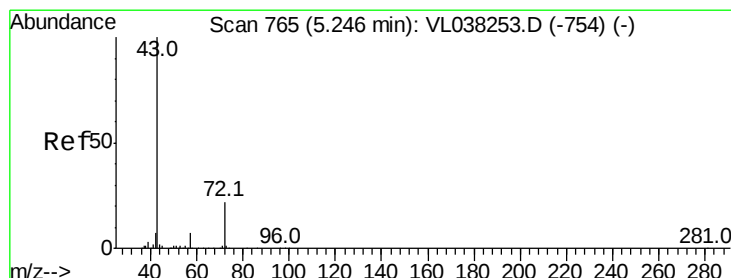
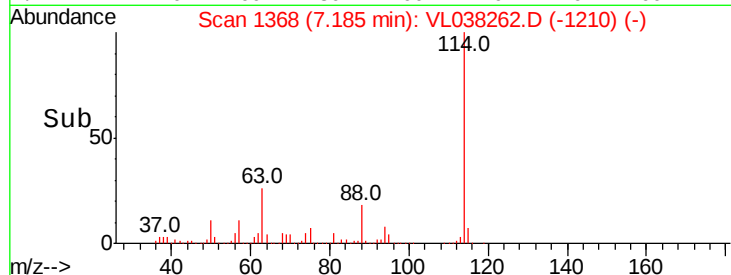
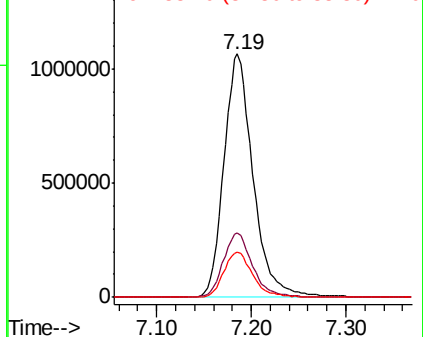
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

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Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

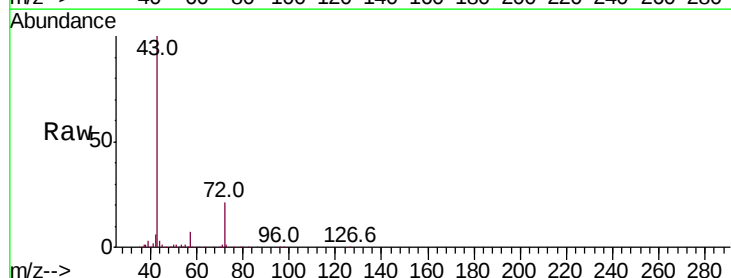


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

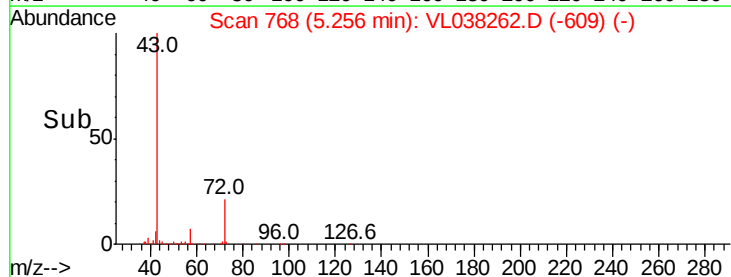
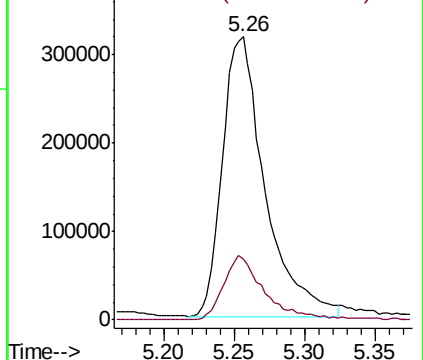


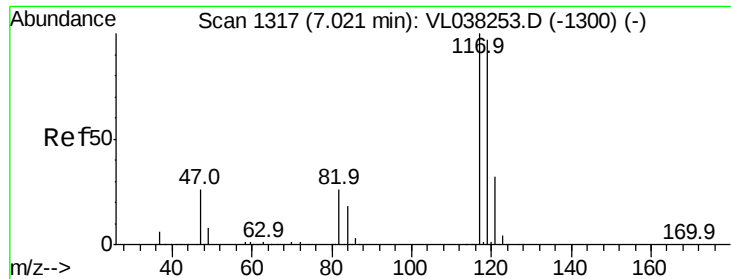
#34
 2-Butanone
 Concen: 8.907 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion: 43 Resp: 665694
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.1 27.1



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



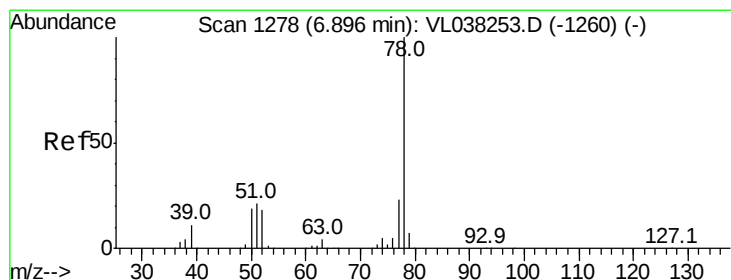
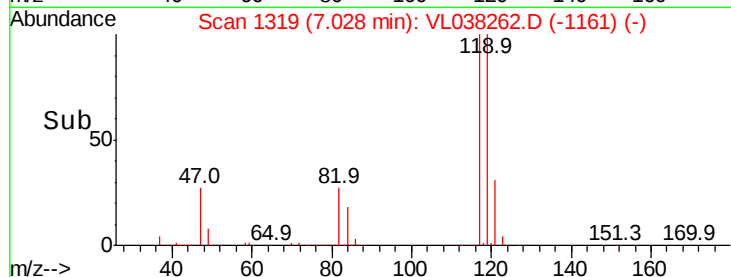
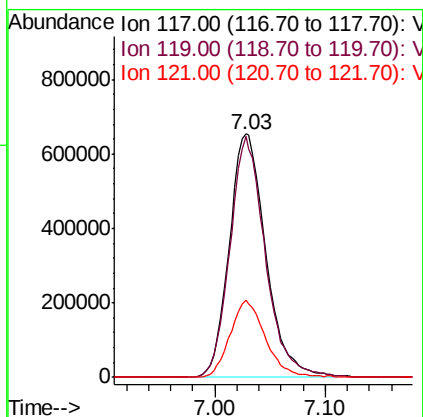
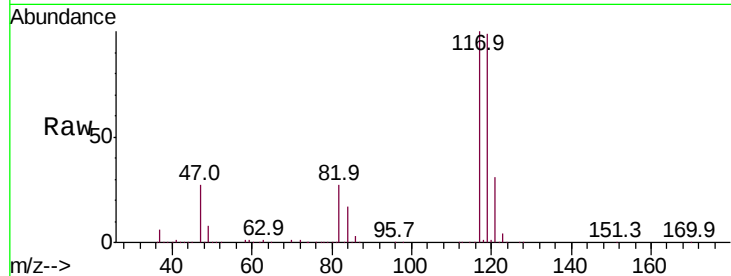


#35
Carbon Tetrachloride
Concen: 9.365 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:1
Ion Rati
117 100
119 99.
121 31.

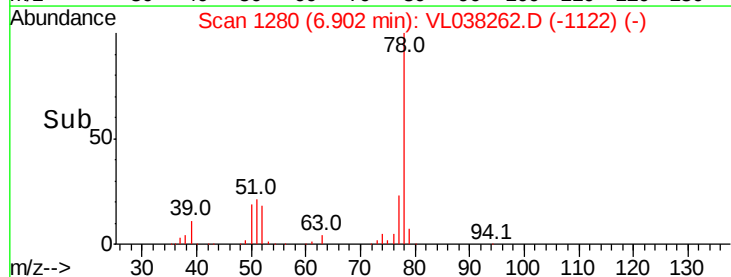
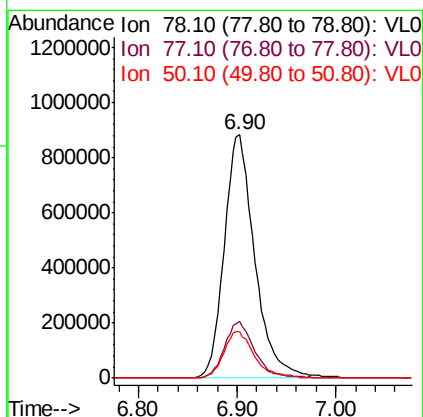
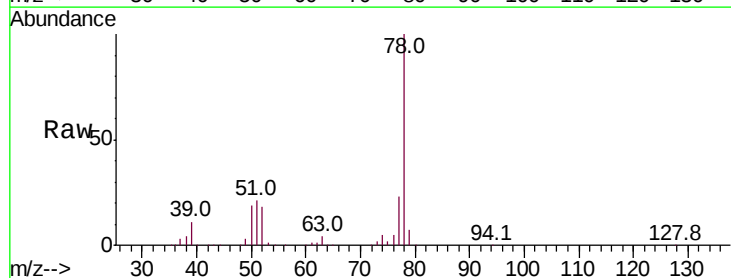
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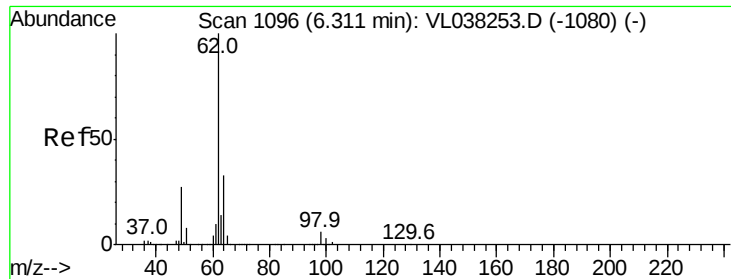
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#36
Benzene
Concen: 9.471 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 78 Resp: 1914561
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2
50 19.3 15.1 22.7





#37

1,2-Dichloroethane

Concen: 9.560 ppbv

RT: 6.32

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VL0124ABS01

Acq: 24 Jan 2022 16:36

Tot Ion:

Ion Ratio

62 100

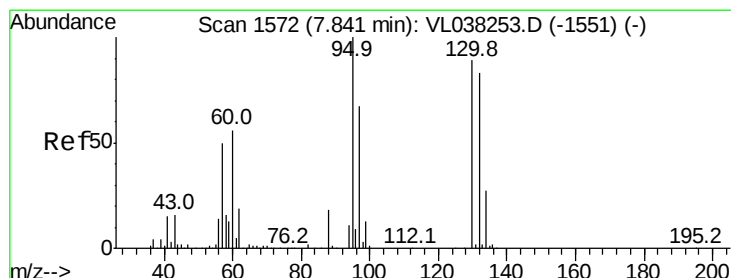
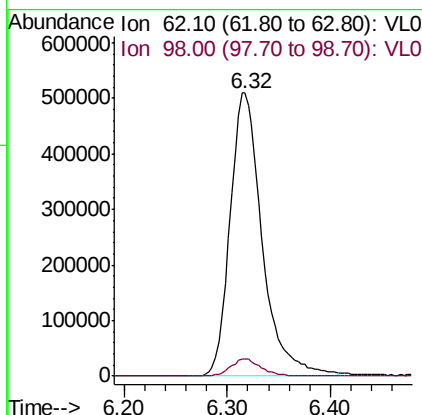
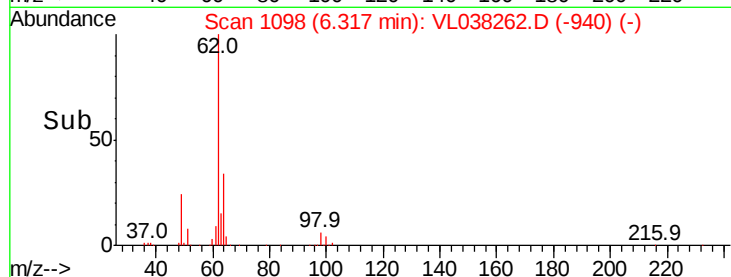
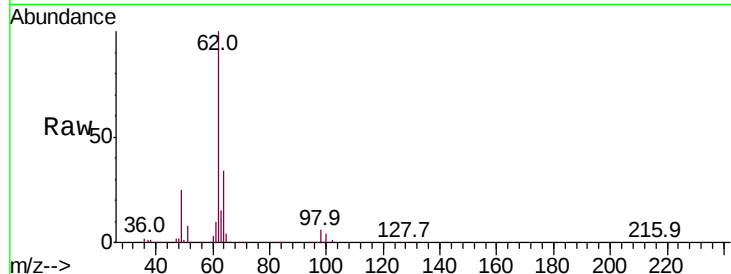
98 5.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#38

Trichloroethene

Concen: 9.127 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

Tgt Ion:130 Resp: 687305

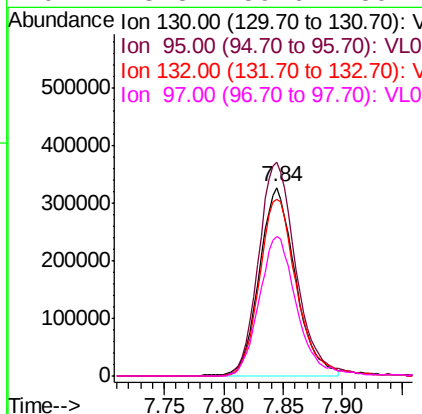
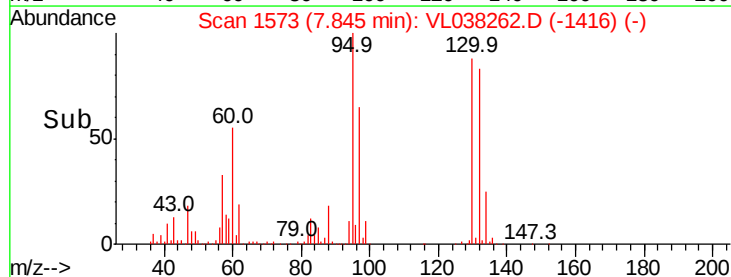
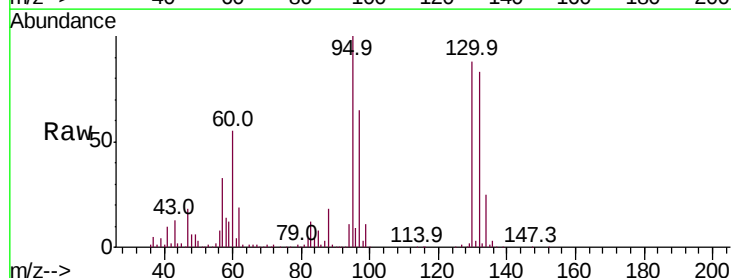
Ion Ratio Lower Upper

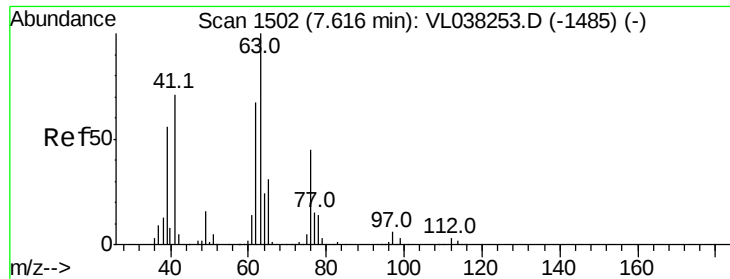
130 100

95 113.3 89.4 134.2

132 93.6 74.6 111.8

97 73.8 59.6 89.4



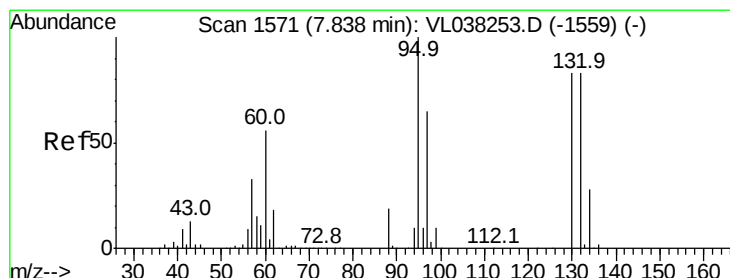
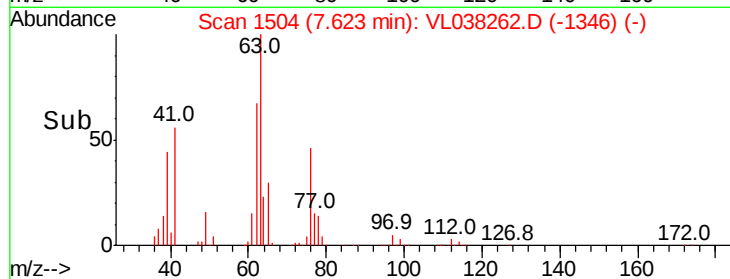
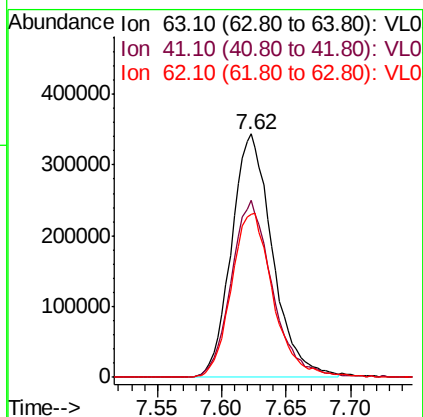
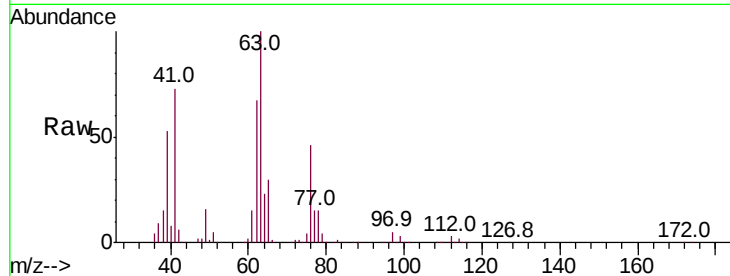


#39
 1,2-Dichloropropane
 Concen: 9.244 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 63 100
 41 72.
 62 66.

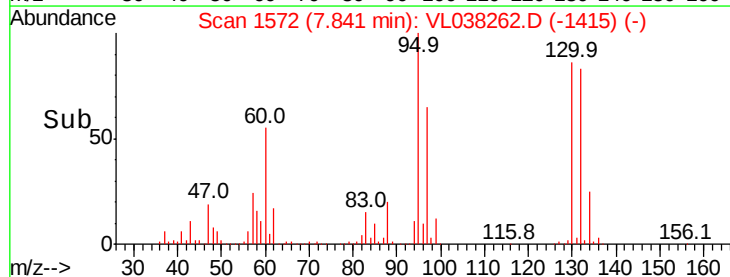
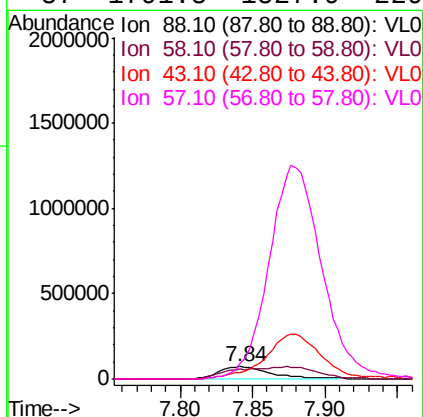
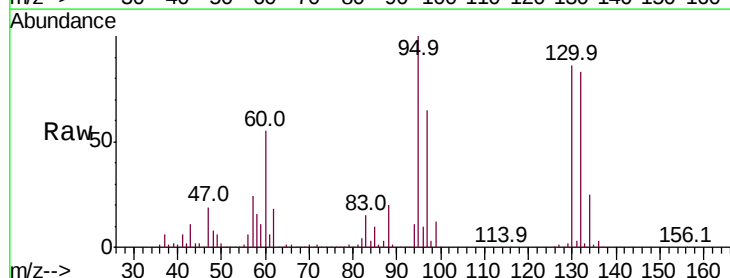
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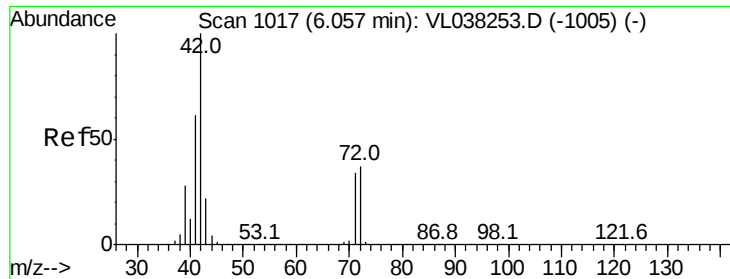
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#40
 1,4-Dioxane
 Concen: 9.067 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion: 88 Resp: 178849
 Ion Ratio Lower Upper
 88 100
 58 162.2 138.6 208.0
 43 405.3 346.9 520.3
 57 1791.5 1527.9 2291.9





#41

Tetrahydrofuran

Concen: 9.762 ppbv

RT: 6.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:36

Tot Ion:

Ion Ratio

42 100

72 37.

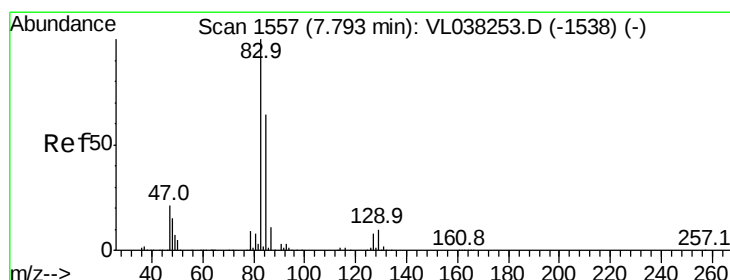
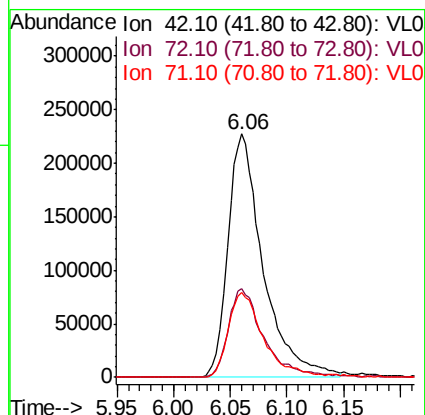
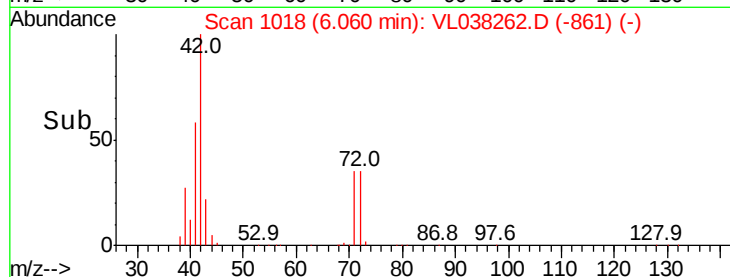
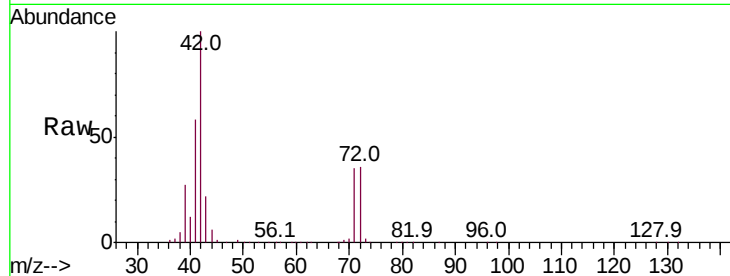
71 36.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#42

Bromodichloromethane

Concen: 9.381 ppbv

RT: 7.80 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

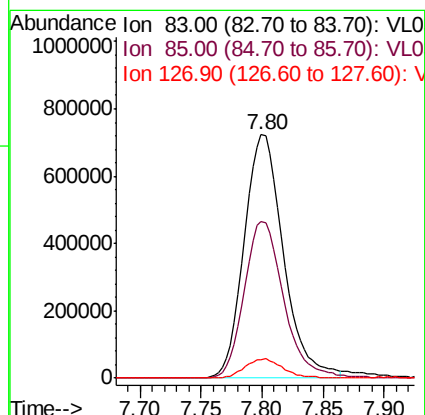
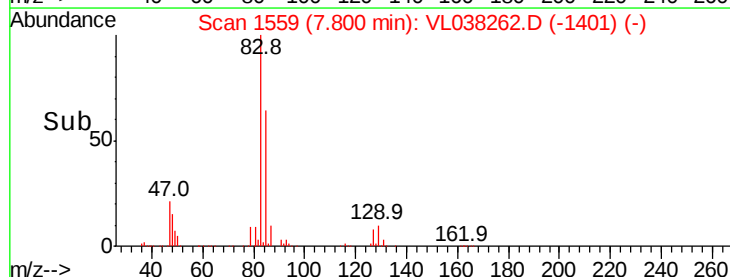
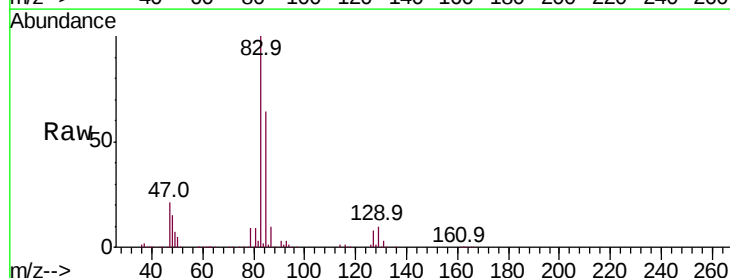
Tgt Ion: 83 Resp: 1611515

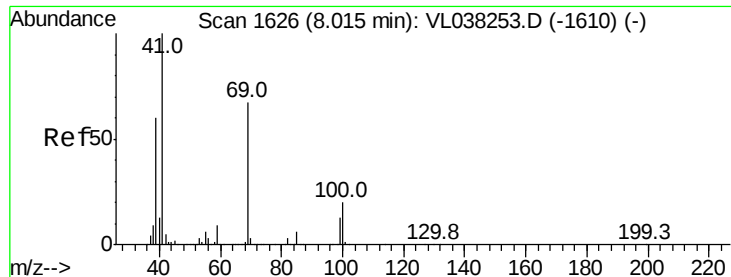
Ion Ratio Lower Upper

83 100

85 64.3 51.5 77.3

127 7.8 6.2 9.4



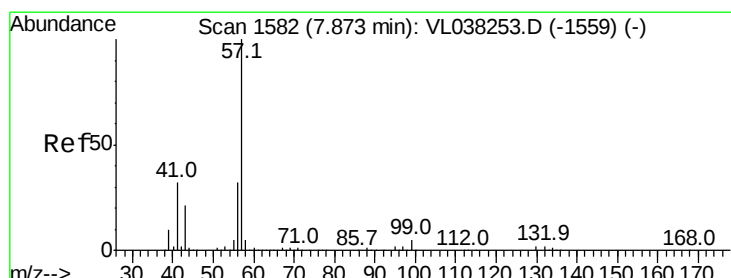
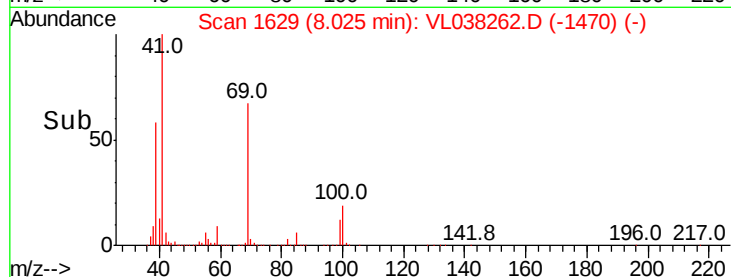
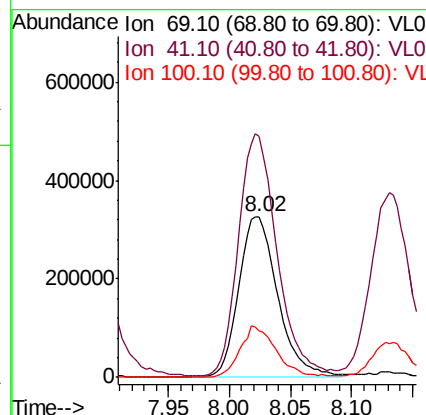
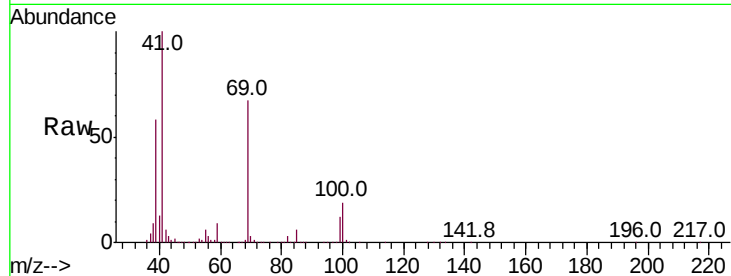


#43
Methvl Methacrvlate
Concen: 10.105 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
69 100
41 151.
100 29.

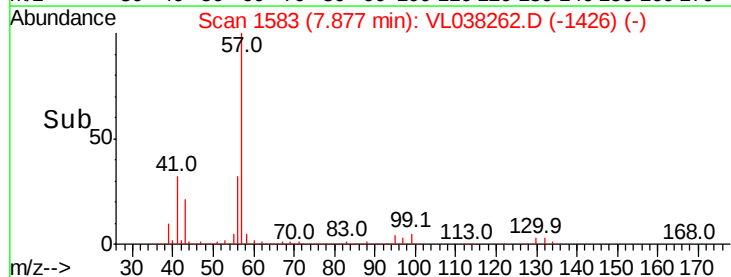
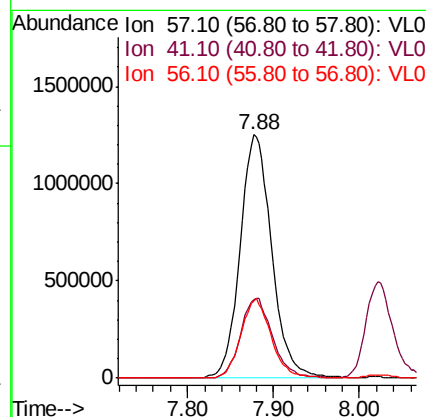
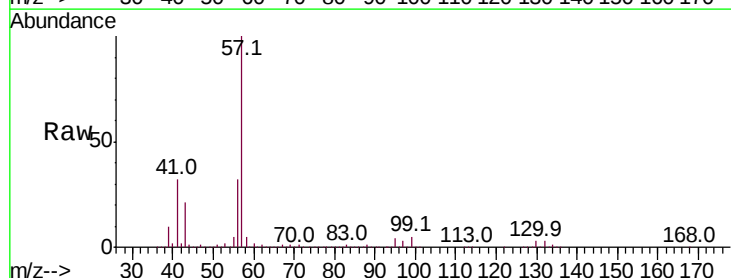
Manual Integrations
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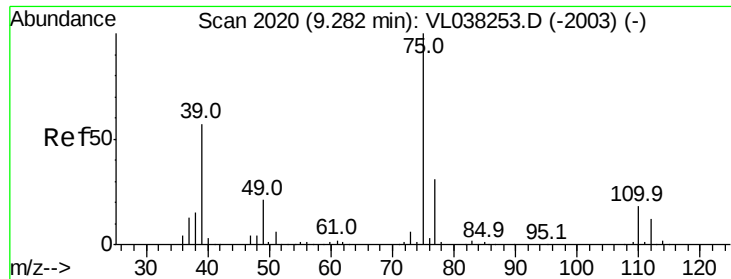
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#44
2,2,4-Trimethylpentane
Concen: 8.977 ppbv
RT: 7.88 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 57 Resp: 3198000
Ion Ratio Lower Upper
57 100
41 33.4 26.3 39.5
56 31.3 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 11.134 ppbv

RT: 9.29 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:36 VL0124ABS01

Tot Ion:

Ion Ratio

75 100

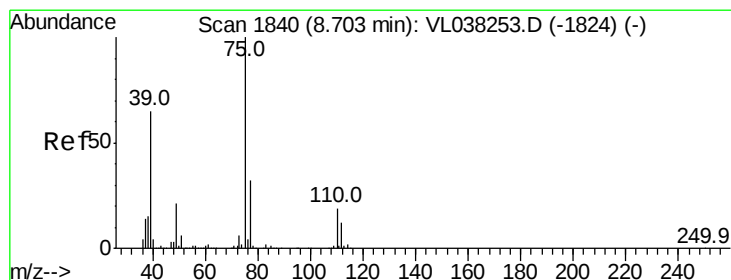
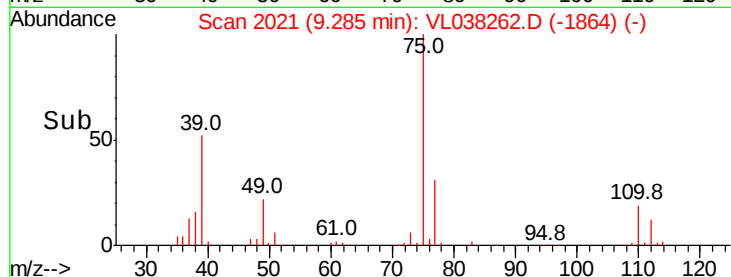
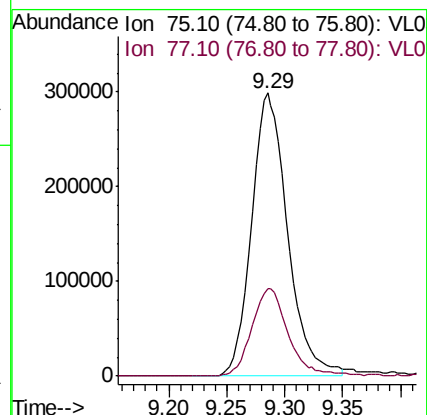
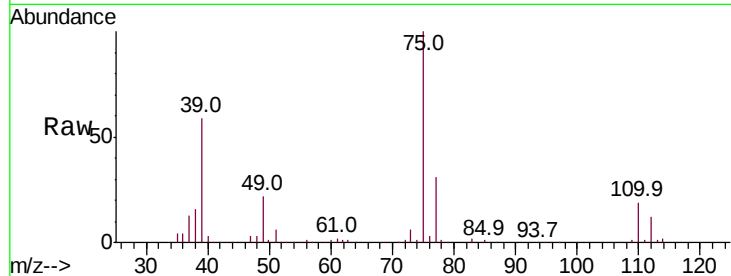
77 30.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#46

cis-1,3-Dichloropropene

Concen: 10.391 ppbv

RT: 8.71 min Scan# 1842

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

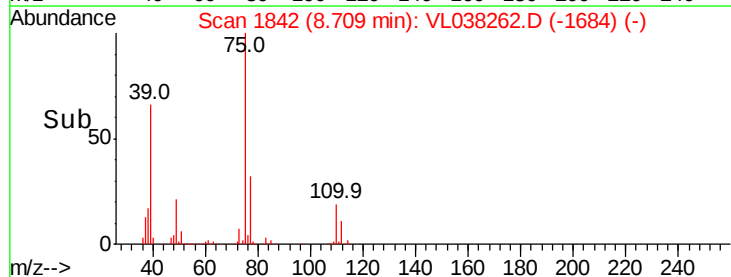
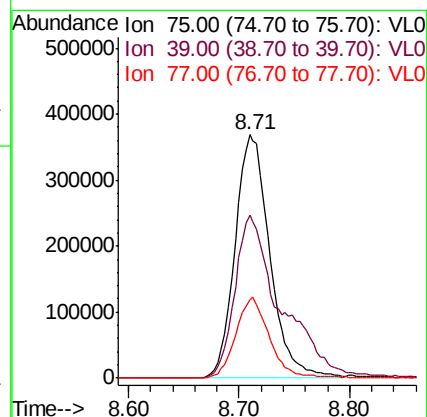
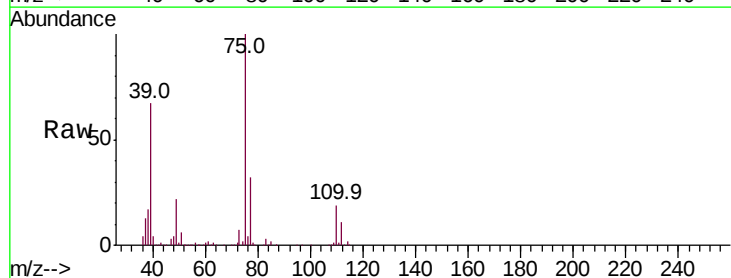
Tgt Ion: 75 Resp: 805432

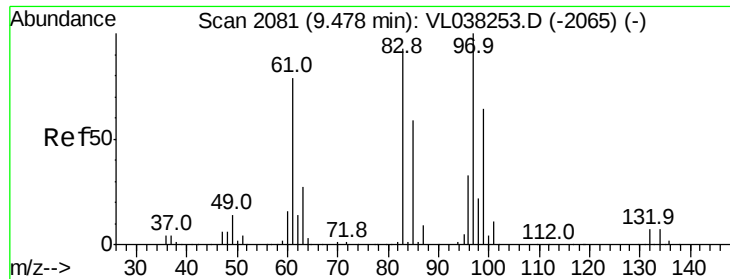
Ion Ratio Lower Upper

75 100

39 66.8 52.3 78.5

77 32.1 25.4 38.0



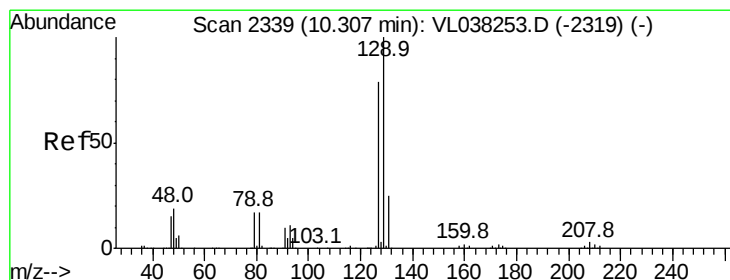
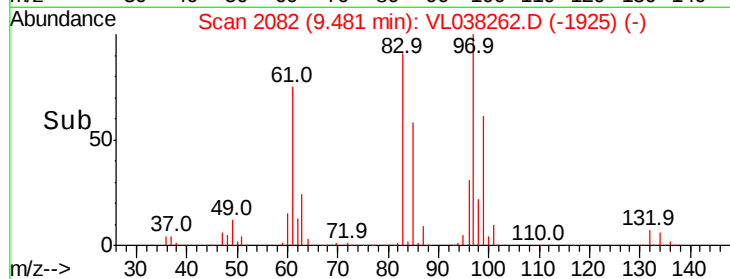
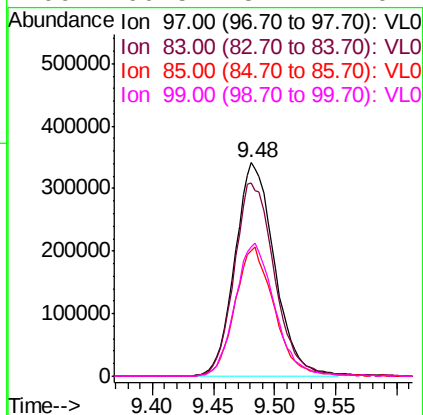
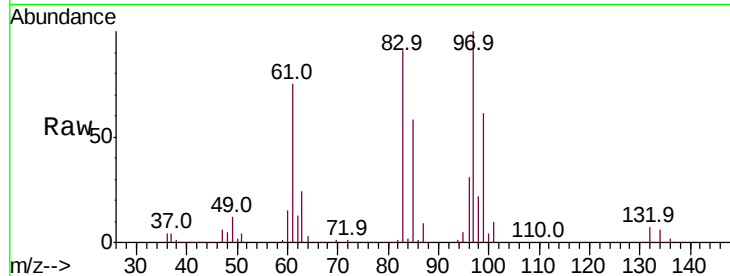


#47
 1,1,2-Trichloroethane
 Concen: 9.506 ppbv
 RT: 9.48
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 58.
 99 60.5 51.1 76.7

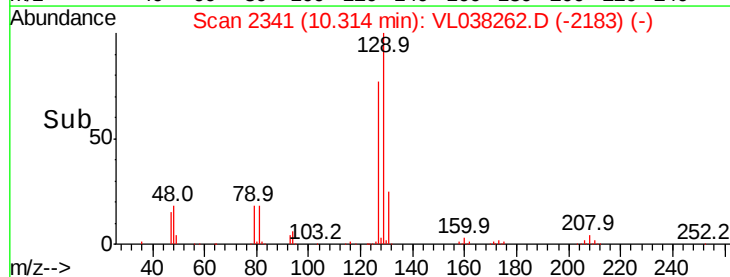
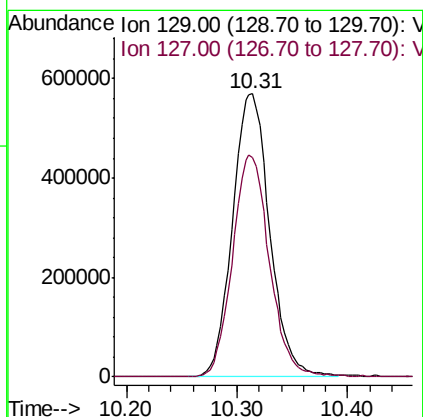
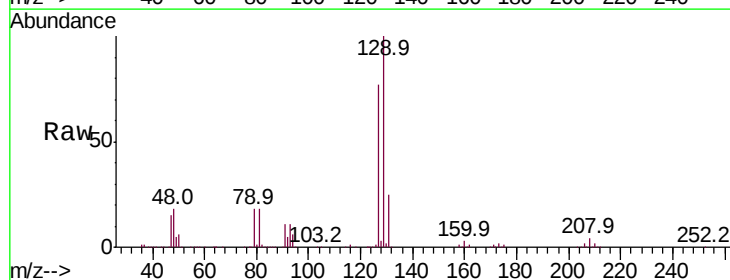
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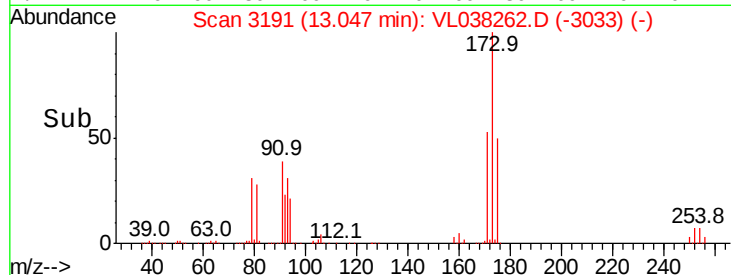
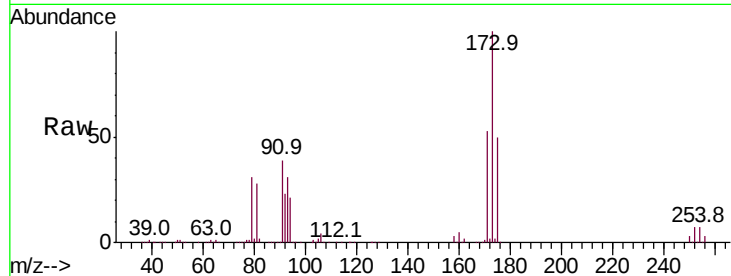
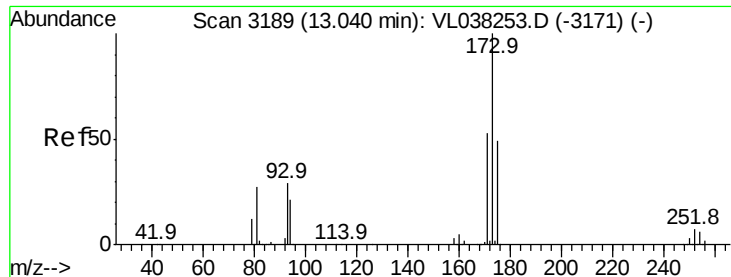
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#48
 Dibromochloromethane
 Concen: 9.810 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion:129 Resp: 1330000
 Ion Ratio Lower Upper
 129 100
 127 78.4 39.1 117.3





#49

Bromoform

Concen: 10.536 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:36

Tot Ion:1

Ion Ratio

173 100

175 49.

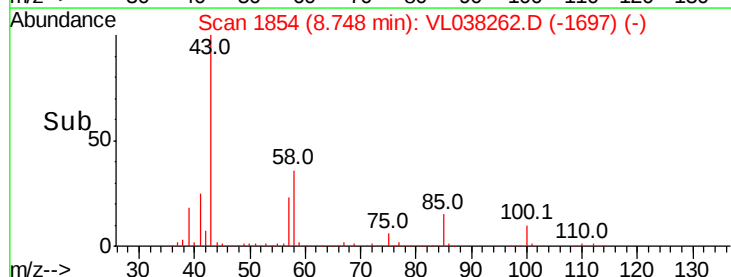
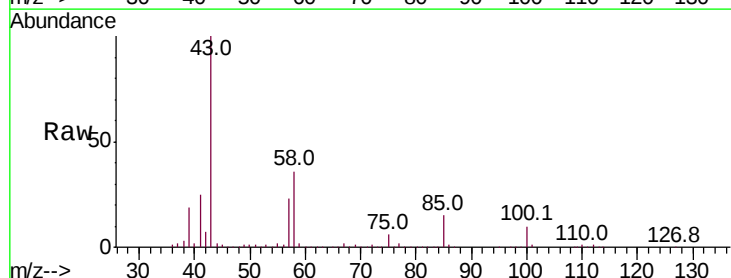
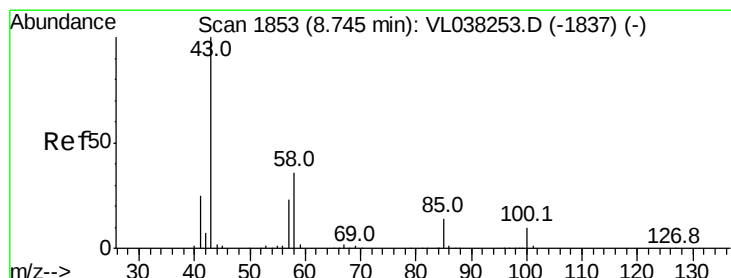
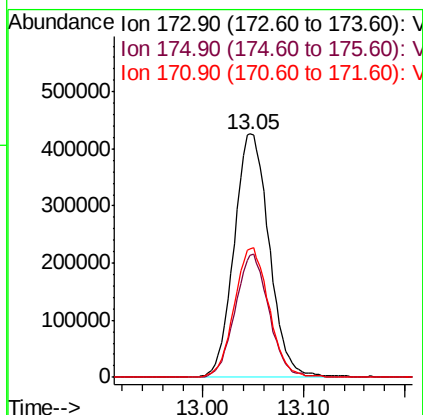
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#50

4-Methyl-2-Pentanone

Concen: 9.571 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VL038262.D

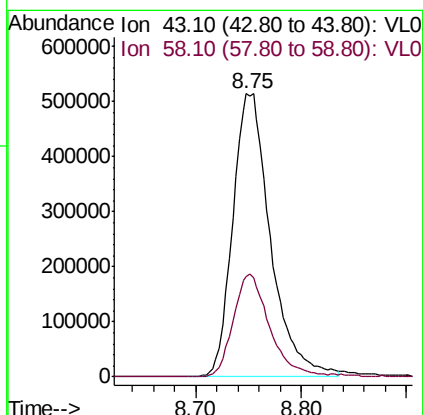
Acq: 24 Jan 2022 16:36

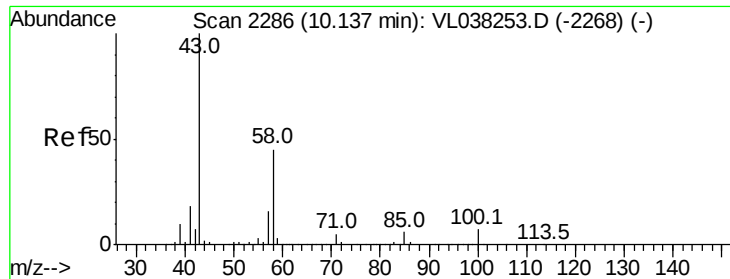
Tgt Ion: 43 Resp: 1276037

Ion Ratio Lower Upper

43 100

58 35.7 28.2 42.4



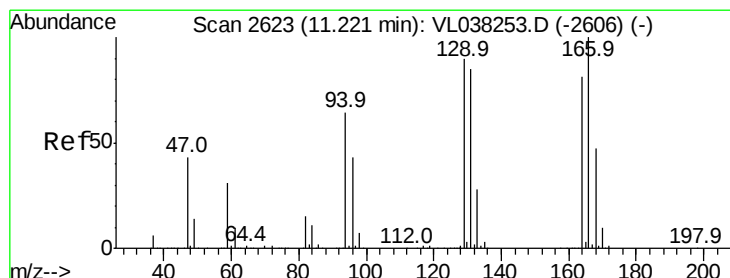
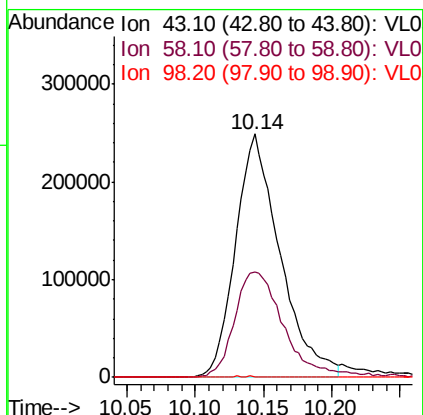
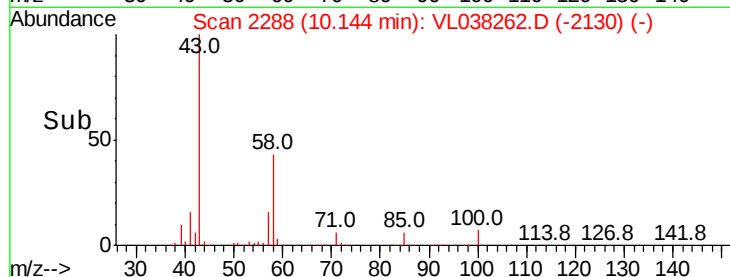
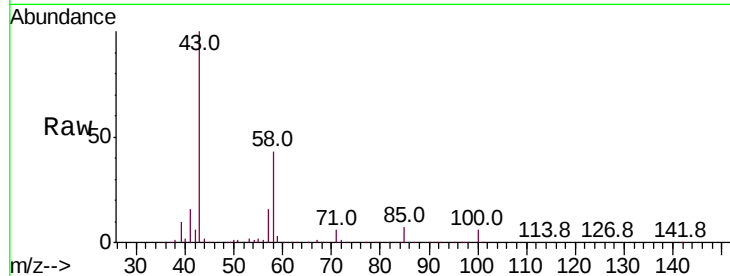


#51
2-Hexanone
Concen: 9.615 ppbv
RT: 10.14 min
Delta R.T. 0.01 min
Lab File: VL0124ABS01
Acq: 24 Jan 2022 16:36

Tot Ion:
Ion Ratio
43 100
58 48.1
98 0.1

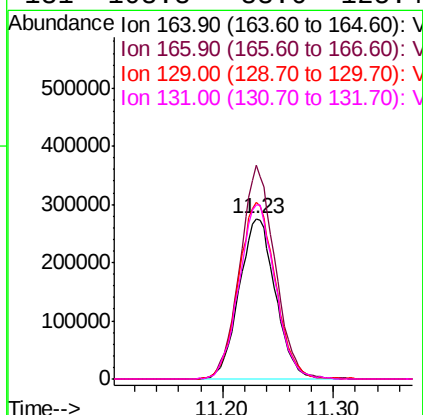
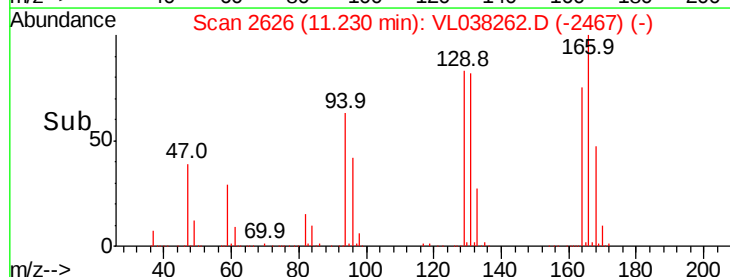
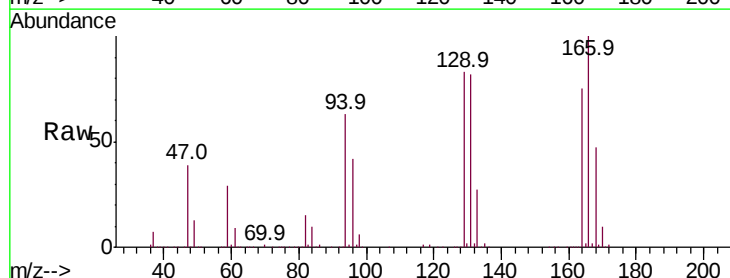
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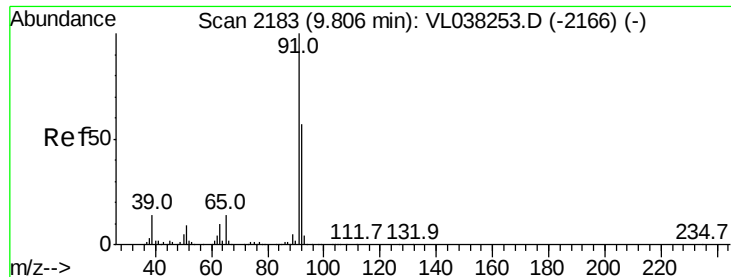
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#52
Tetrachloroethene
Concen: 8.967 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion:164 Resp: 624750
Ion Ratio Lower Upper
164 100
166 133.0 98.8 148.2
129 110.5 89.2 133.8
131 108.8 83.6 125.4





#53

Toluene

Concen: 9.691 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:30

Tot Ion:

Ion Ratio

91 100

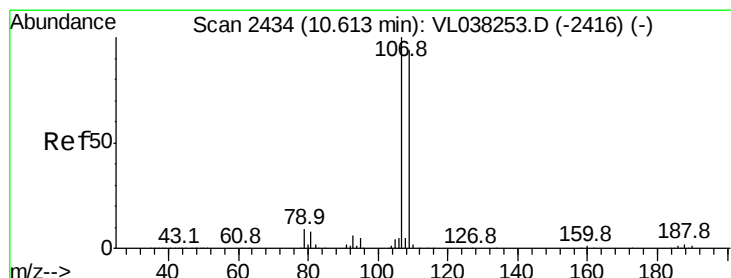
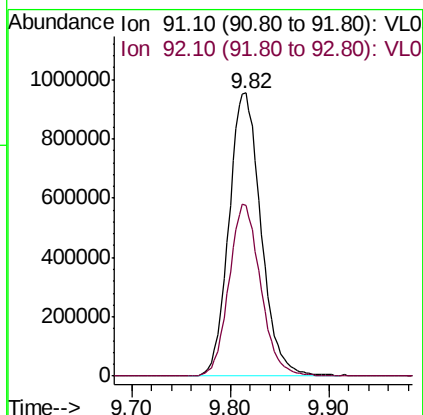
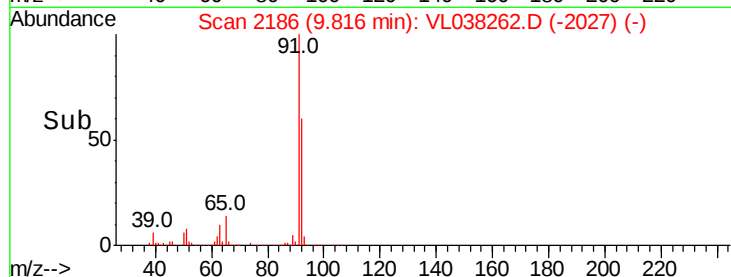
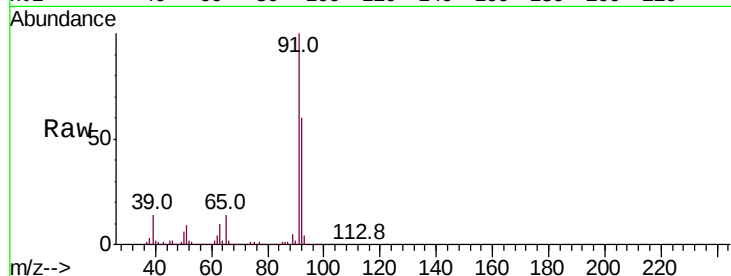
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#54

1,2-Dibromoethane

Concen: 9.944 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.00 min

Lab File: VL038262.D

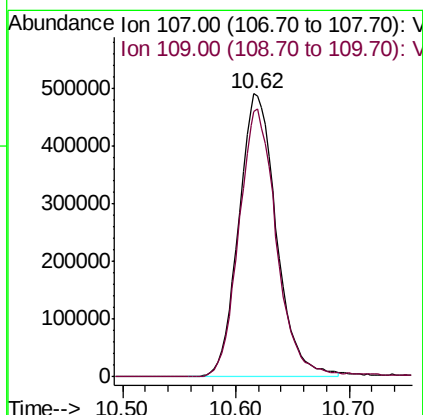
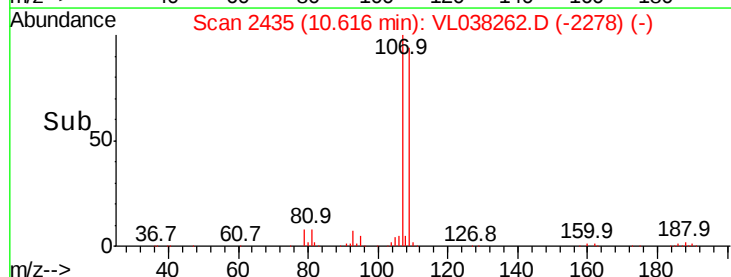
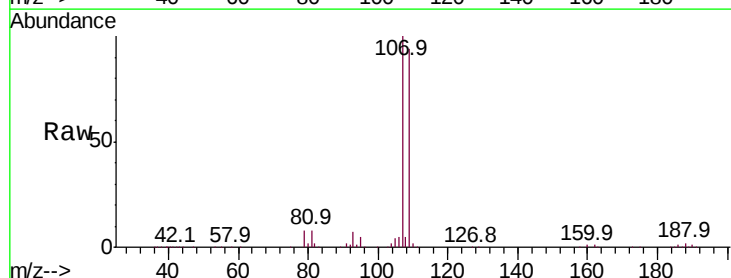
Acq: 24 Jan 2022 16:36

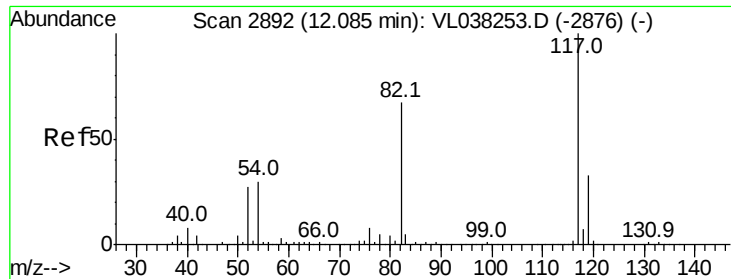
Tgt Ion:107 Resp: 1138497

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.0



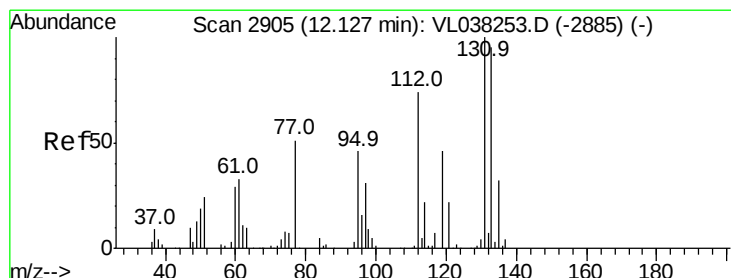
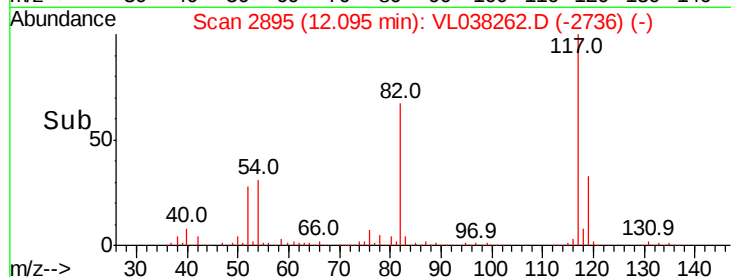
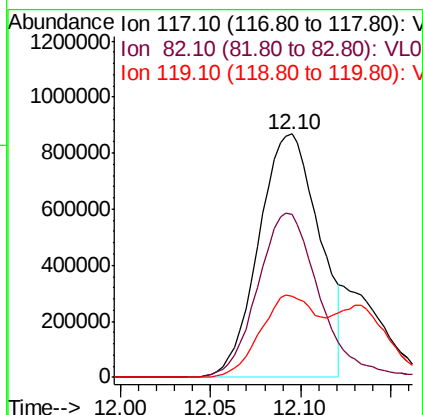
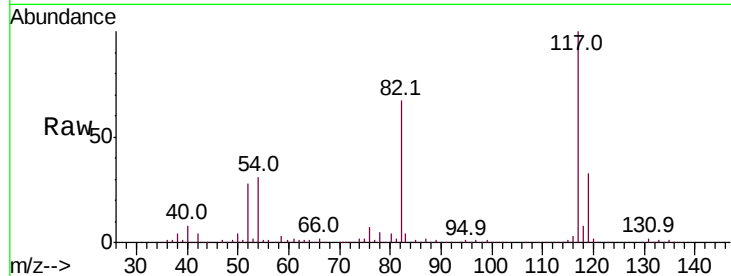


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
VL0124ABS01
Acq: 24 Jan 2022 16:30

Tot Ion:1
Ion Rati
117 100
82 69.
119 34.

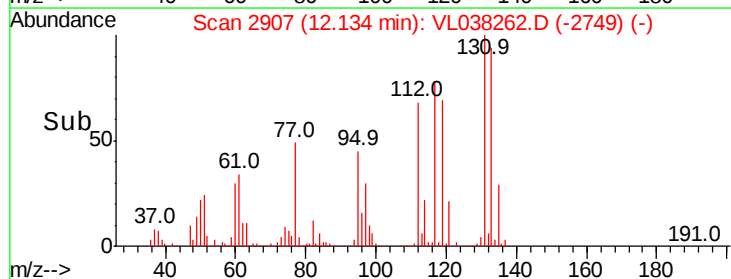
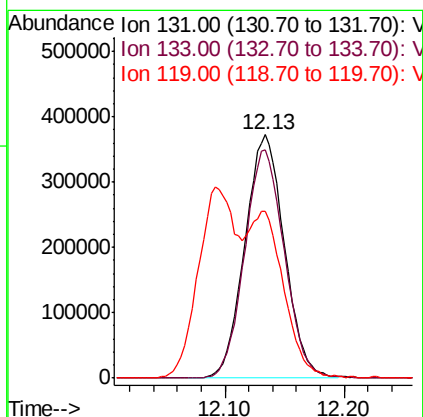
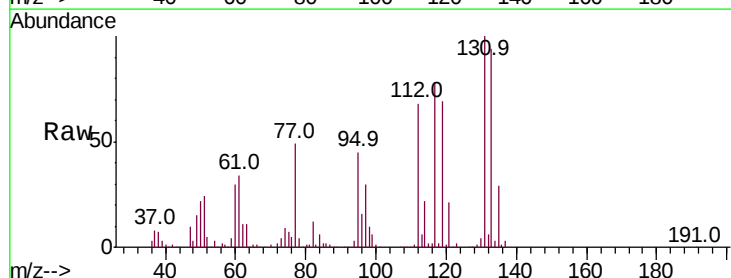
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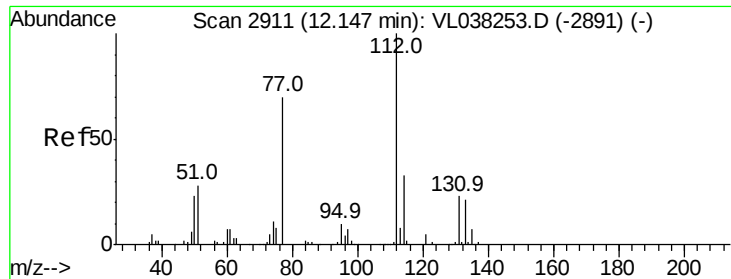
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.596 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion:131 Resp: 854813
Ion Ratio Lower Upper
131 100
133 94.6 76.0 114.0
119 58.5 53.0 79.4





#57

Chlorobenzene

Concen: 9.558 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:30

Tot Ion:1

Ion Rati

112 100

77 70.

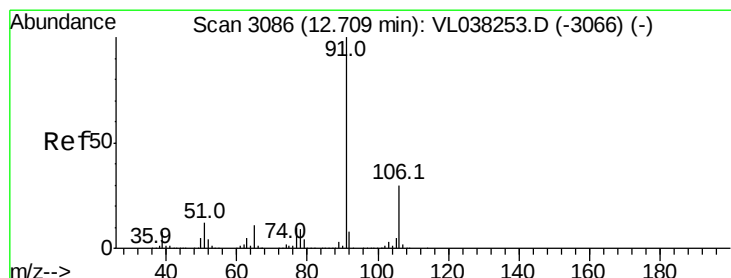
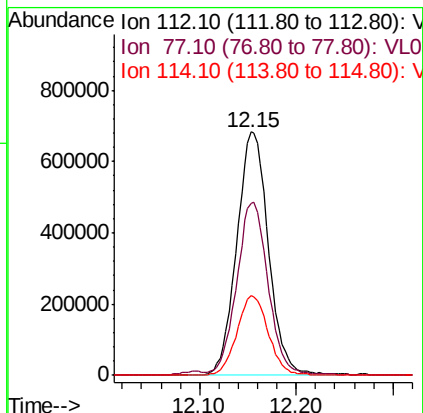
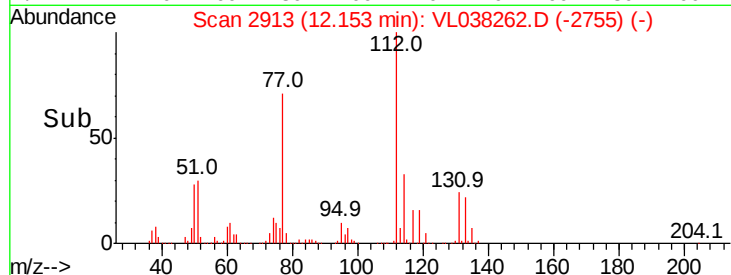
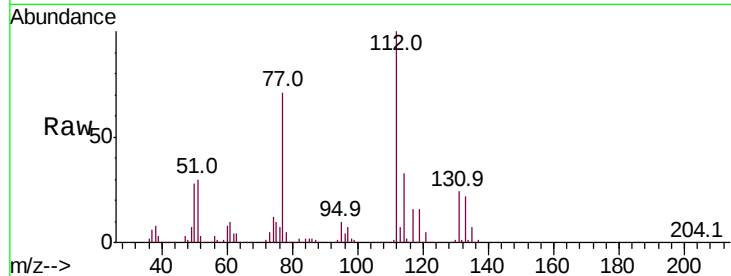
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#58

Ethyl Benzene

Concen: 9.770 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.01 min

Lab File: VL038262.D

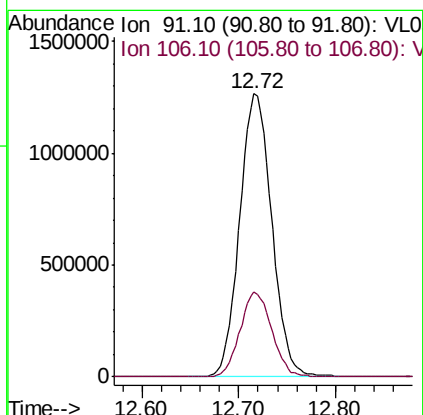
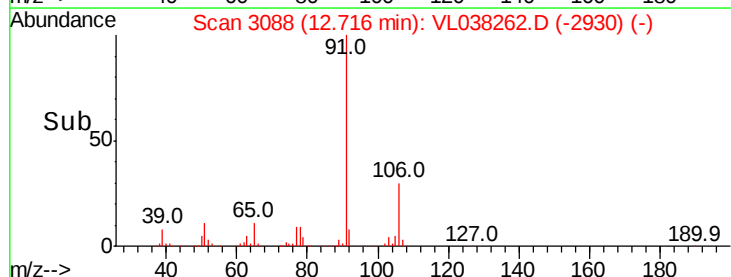
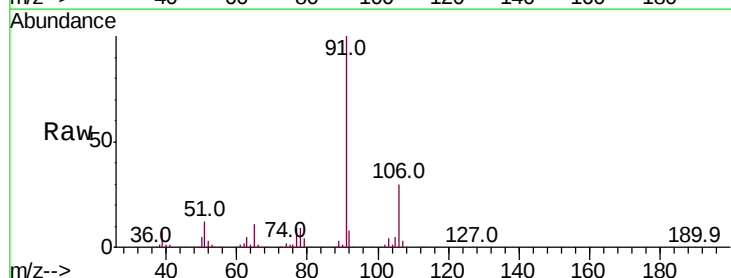
Acq: 24 Jan 2022 16:36

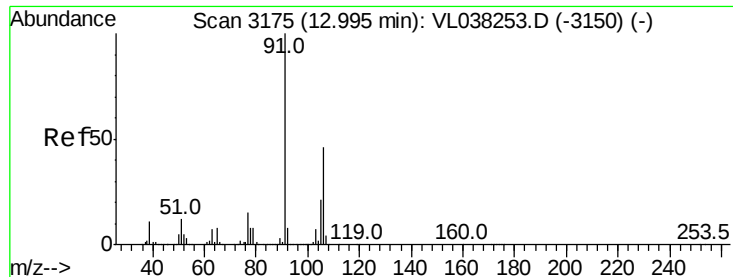
Tgt Ion: 91 Resp: 2922192

Ion Ratio Lower Upper

91 100

106 30.2 24.1 36.1





#59

m/p-Xylene

Concen: 18.978 ppbv m

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:30

Tot Ion:

Ion Ratio

91 100

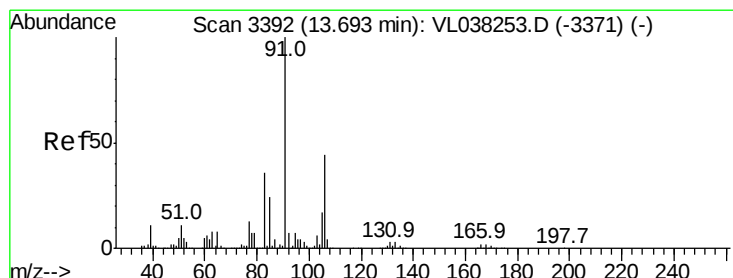
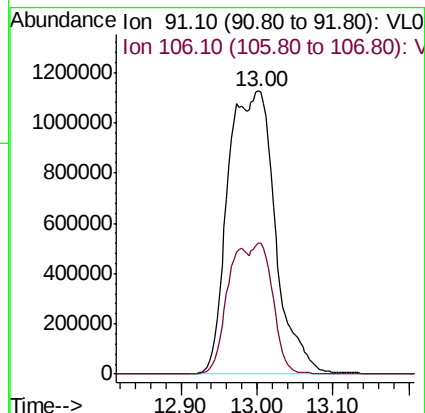
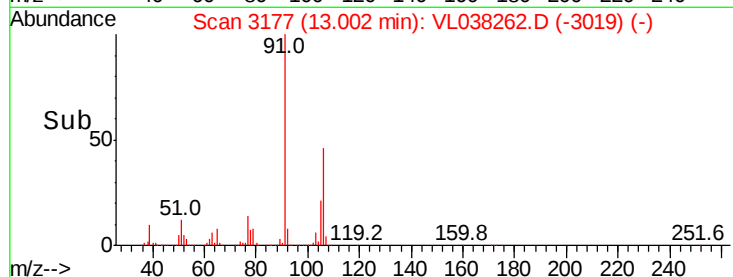
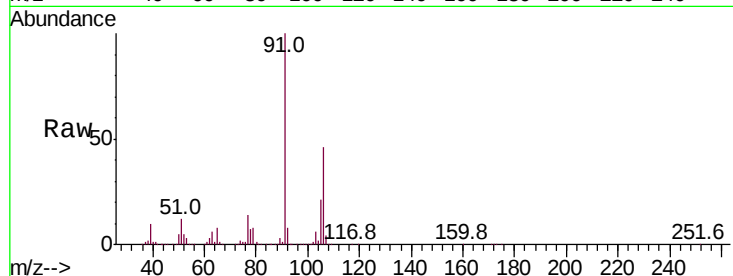
106 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#60

o-Xylene

Concen: 9.624 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL038262.D

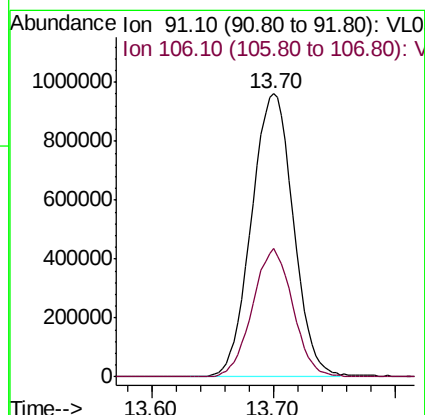
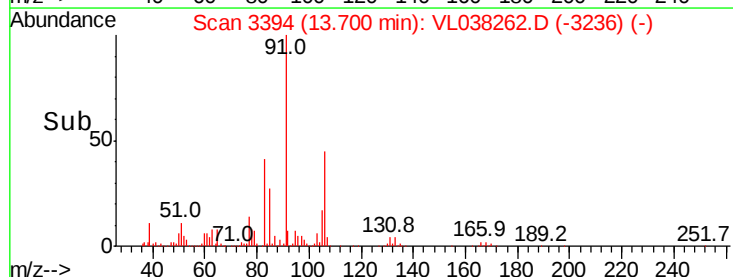
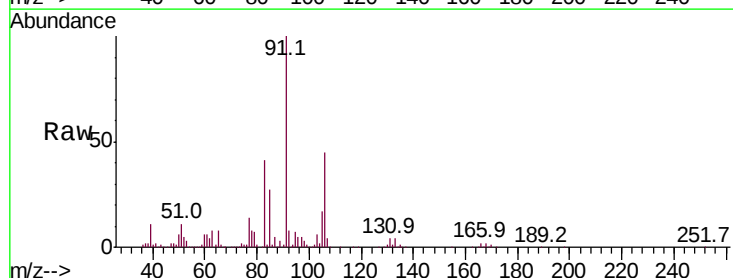
Acq: 24 Jan 2022 16:36

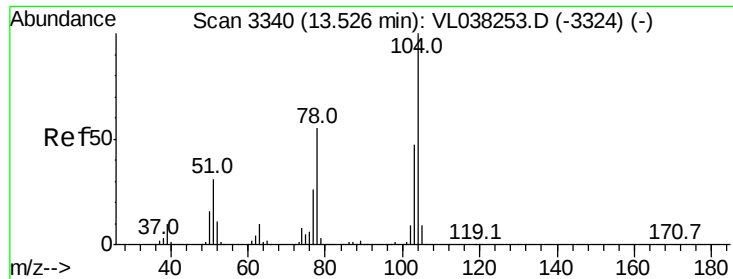
Tgt Ion: 91 Resp: 2284176

Ion Ratio Lower Upper

91 100

106 43.8 22.2 66.6





#61

Stvrene

Concen: 11.014 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:36

Tot Ion:1

Ion Rati

104 100

78 54.

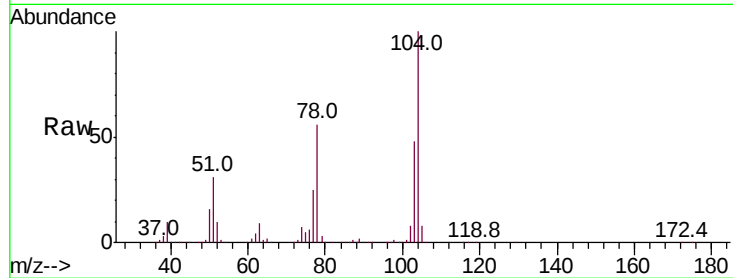
103 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

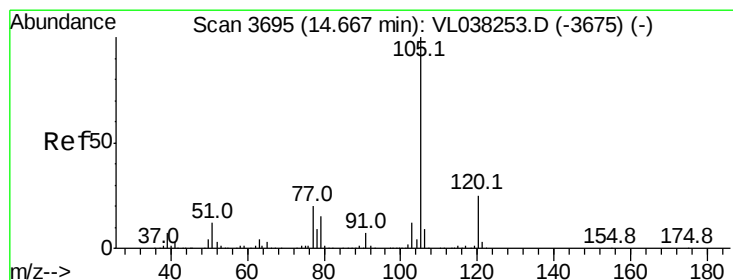
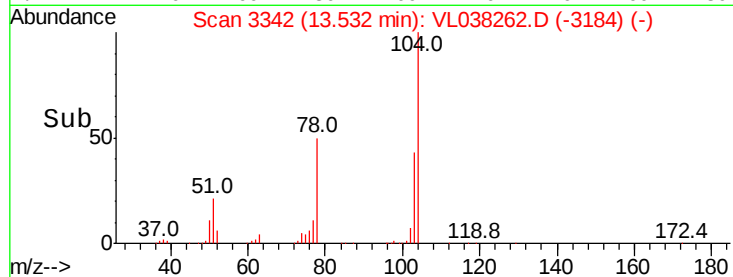
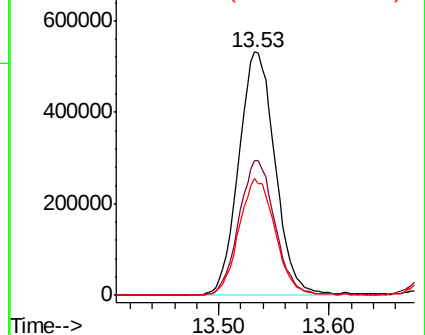
Supervised By :Mahesh Dadoda 01/26/2022



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: 9.644 ppbv

RT: 14.67 min Scan# 3697

Delta R.T. 0.01 min

Lab File: VL038262.D

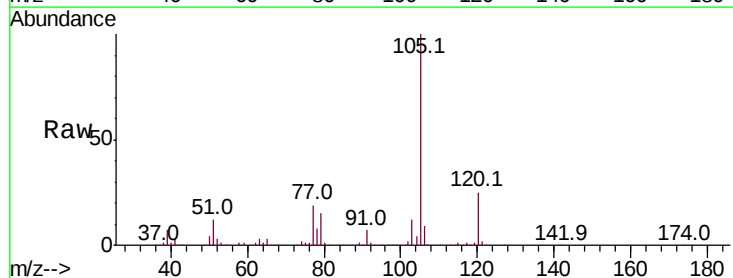
Acq: 24 Jan 2022 16:36

Tgt Ion:105 Resp: 3051377

Ion Ratio Lower Upper

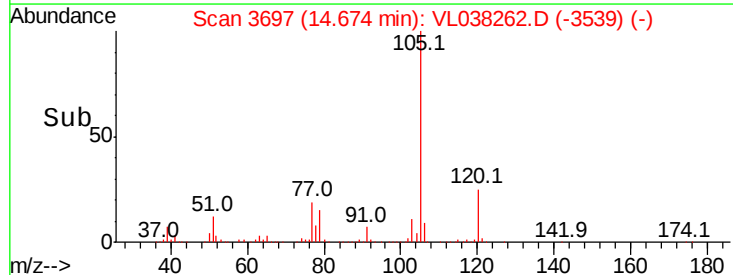
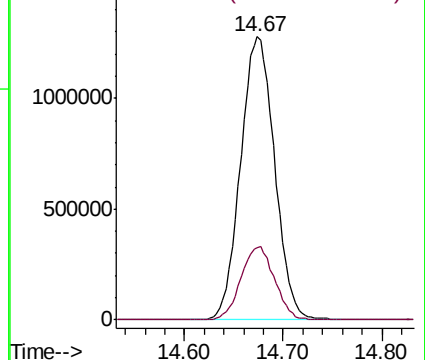
105 100

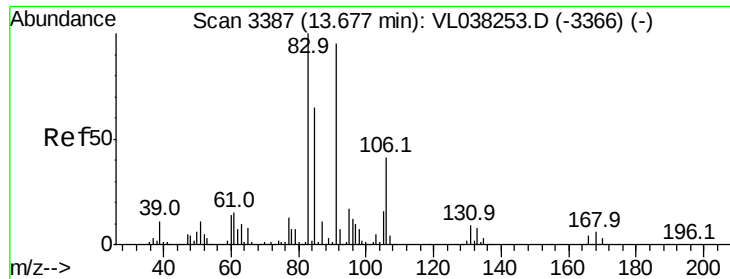
120 25.6 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



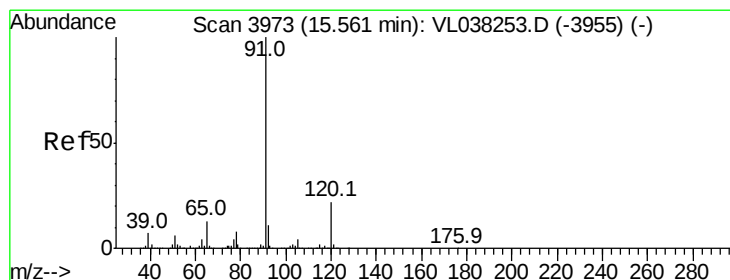
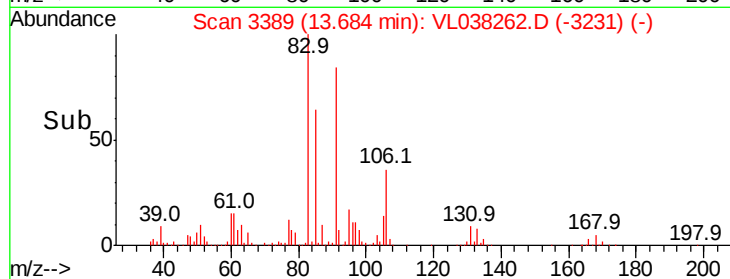
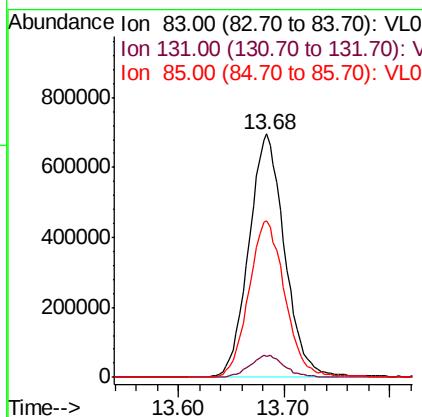
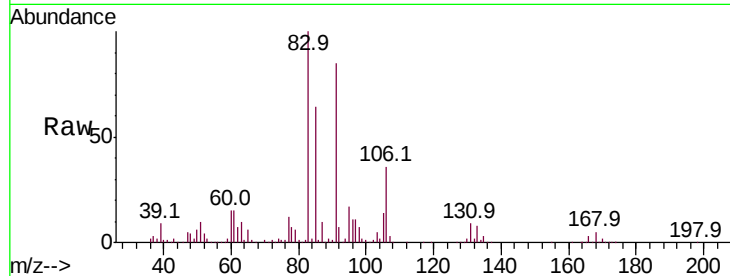


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.328 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

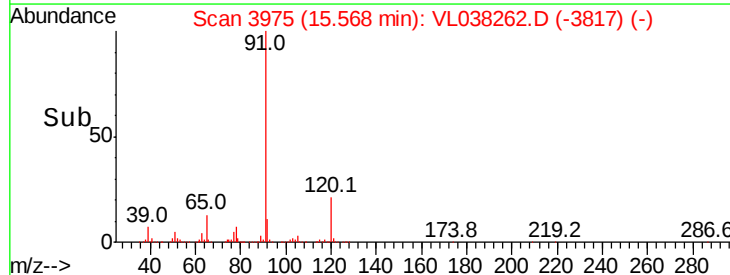
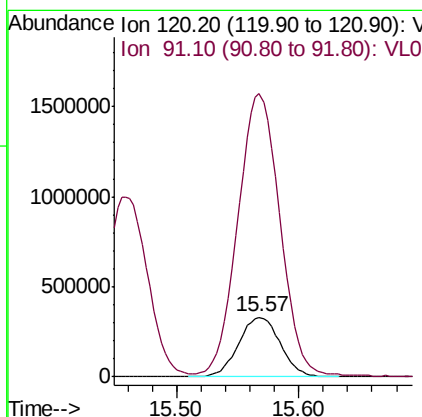
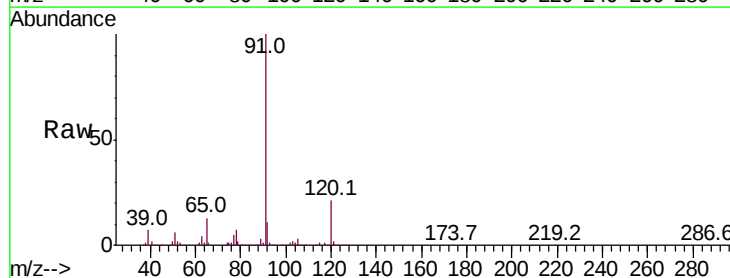
Manual Integrations
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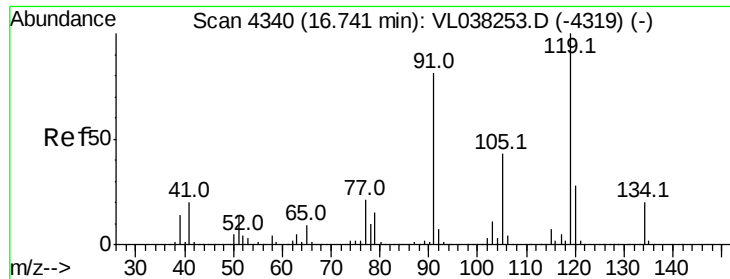
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#64
 n-propylbenzene
 Concen: 10.253 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion:120 Resp: 780419
 Ion Ratio Lower Upper
 120 100
 91 483.2 390.8 586.2



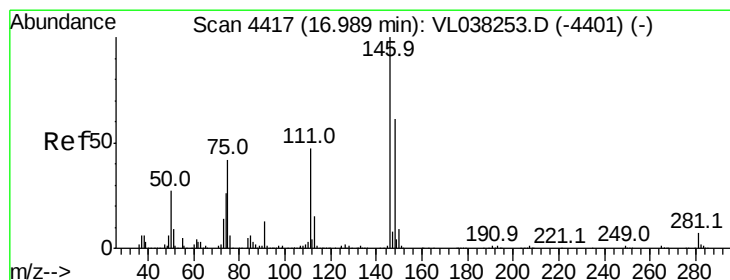
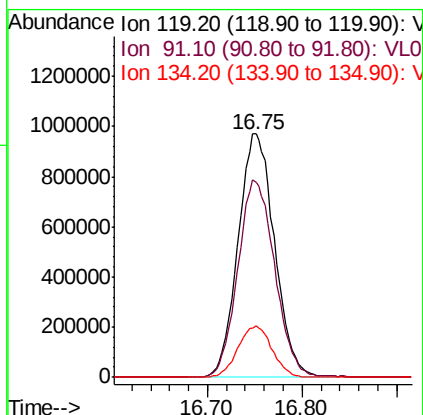
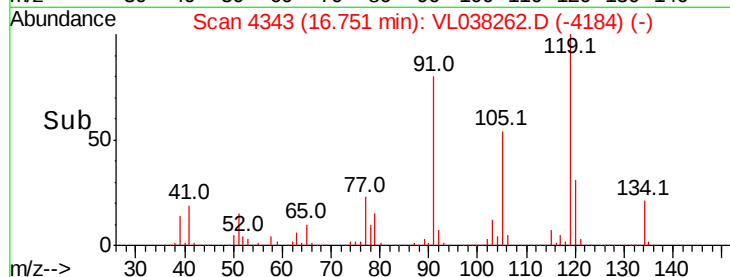
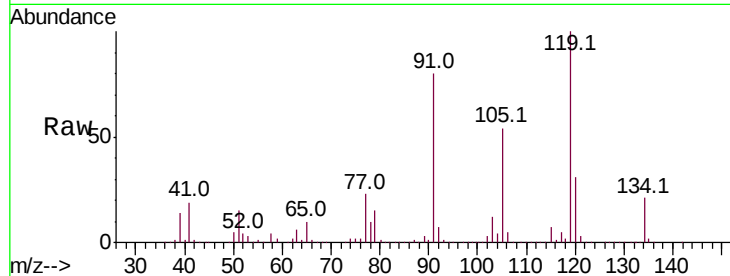


#65
tert-Butylbenzene
Concen: 9.948 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:30

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

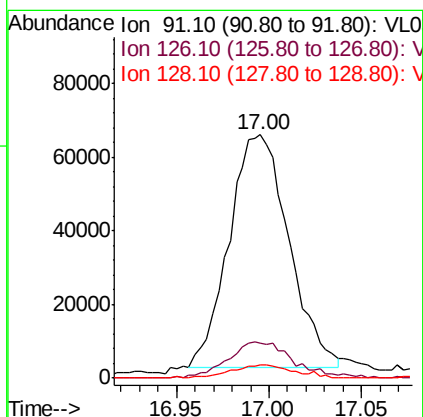
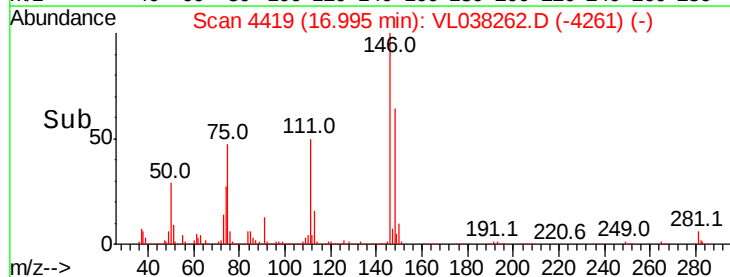
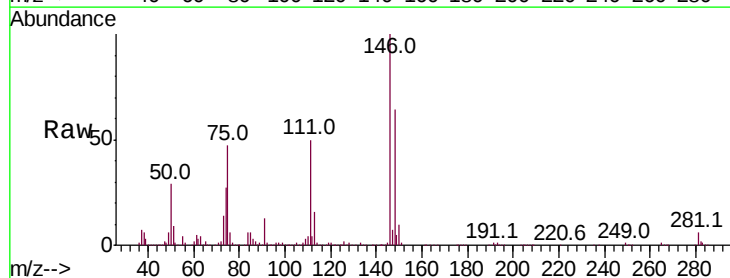
Manual Integrations
APPROVED

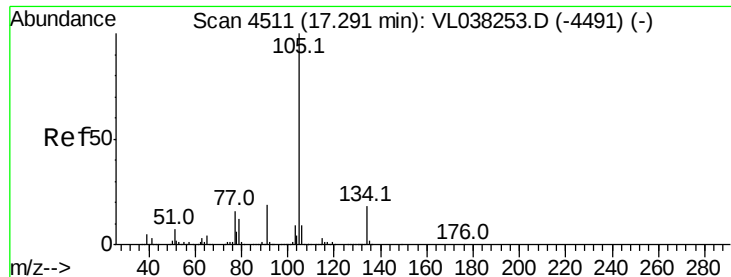
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#66
Benzyl Chloride
Concen: 11.934 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 91 Resp: 141273
Ion Ratio Lower Upper
91 100
126 17.3 12.6 18.8
128 6.0 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.940 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:36

Tot Ion:1

Ion Rati

105 100

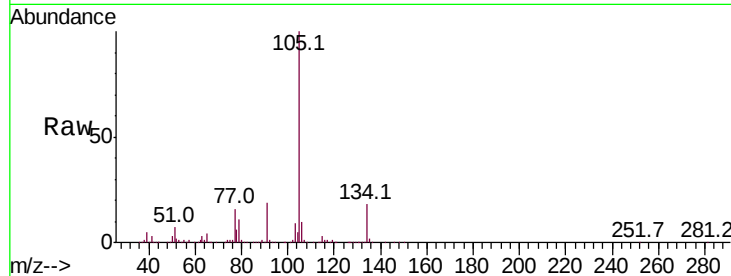
134 18.

Manual Integrations

APPROVED

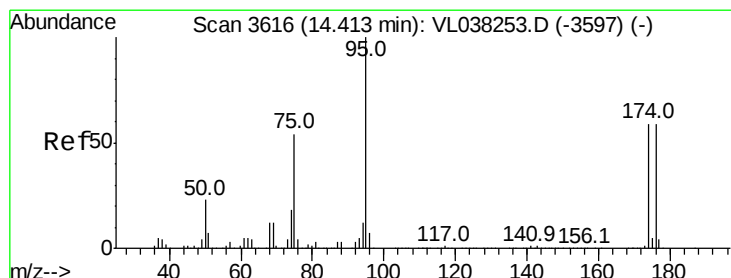
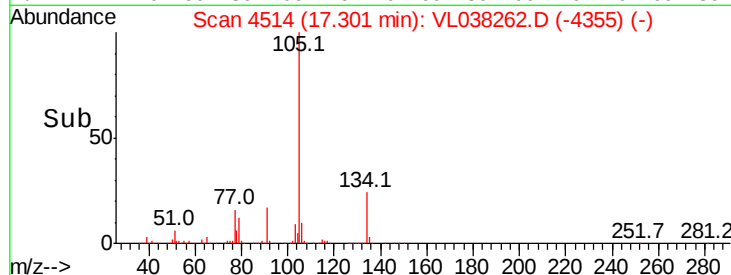
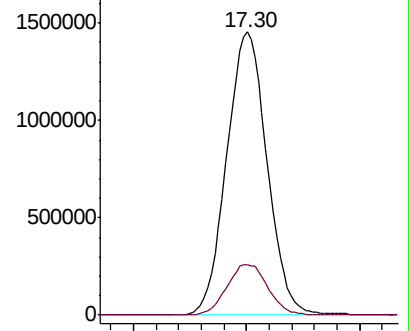
Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



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: 10.501 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

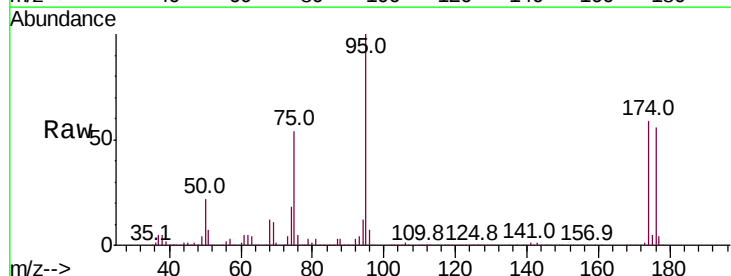
Tgt Ion: 95 Resp: 1622147

Ion Ratio Lower Upper

95 100

174 59.7 48.3 72.5

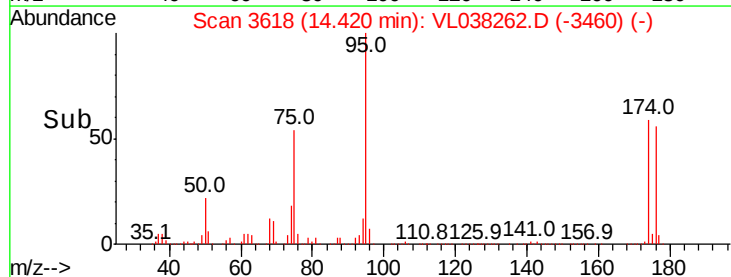
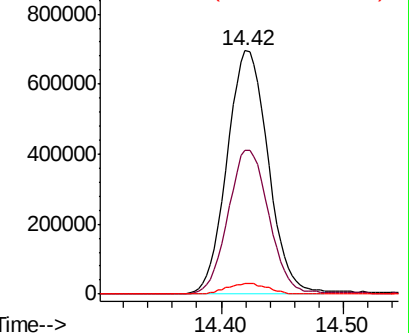
175 4.5 3.5 5.3

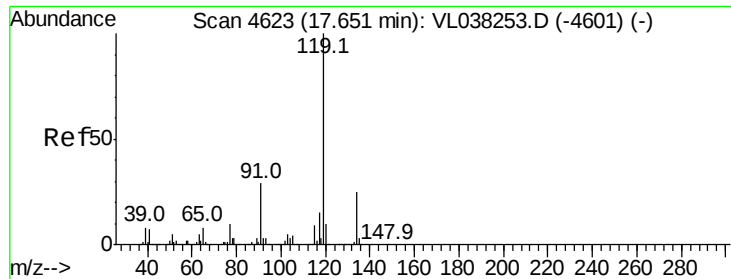


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



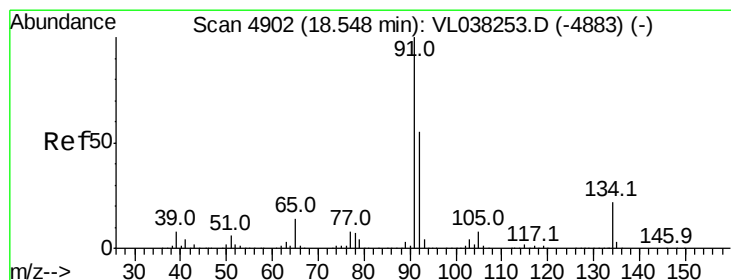
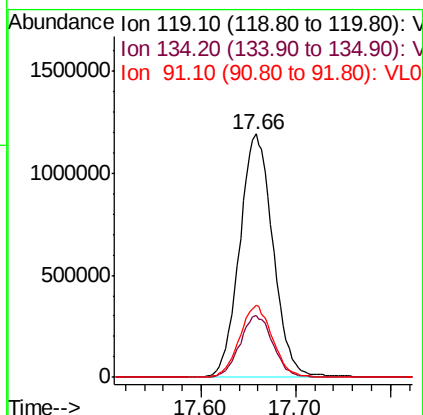
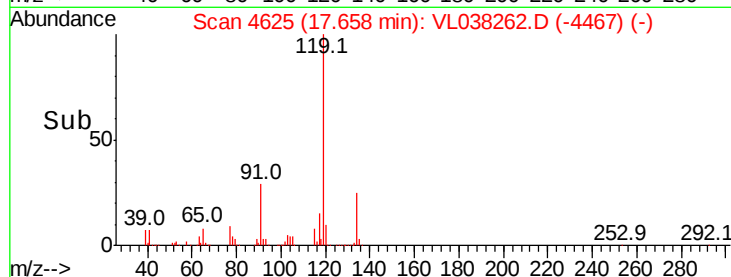
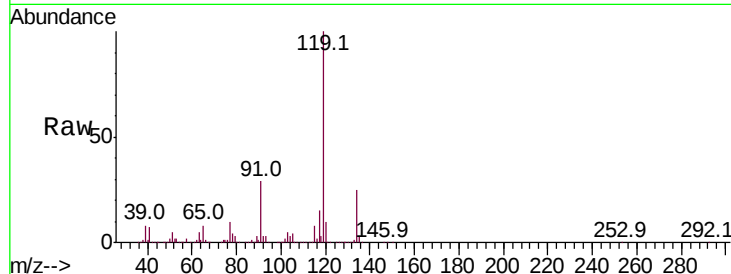


#69
p-Isopropyltoluene
Concen: 10.514 ppbv
RT: 17.66 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABS01
Acq: 24 Jan 2022 16:36

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

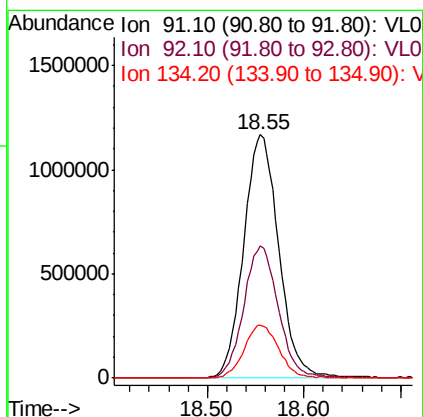
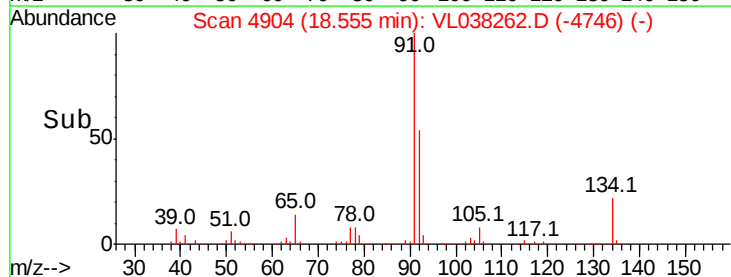
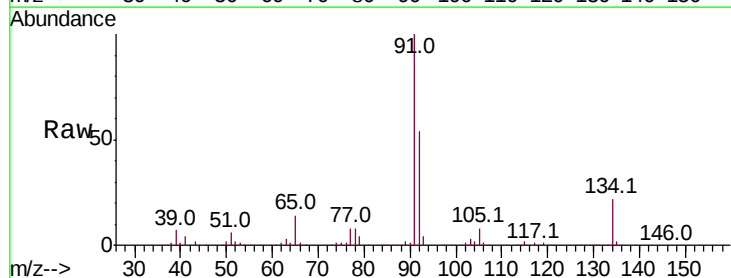
Manual Integrations
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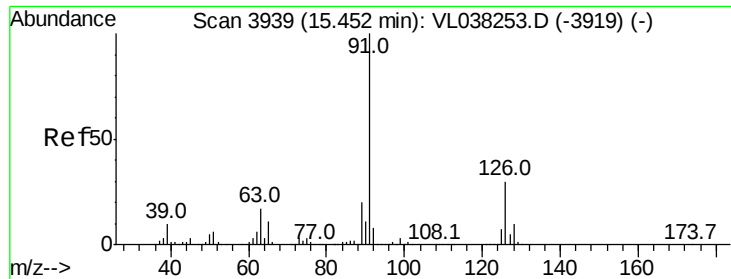
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#70
n-Butylbenzene
Concen: 10.796 ppbv
RT: 18.55 min Scan# 4904
Delta R.T.: 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 91 Resp: 2933617
Ion Ratio Lower Upper
91 100
92 53.8 43.4 65.0
134 21.8 17.3 25.9



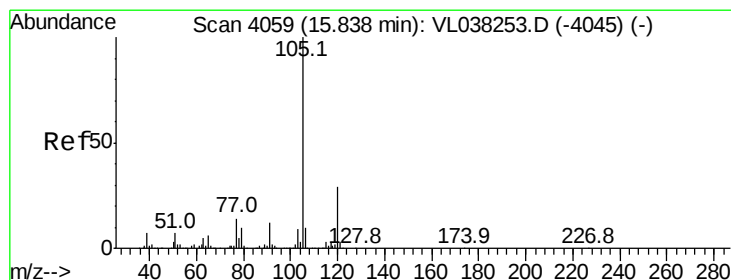
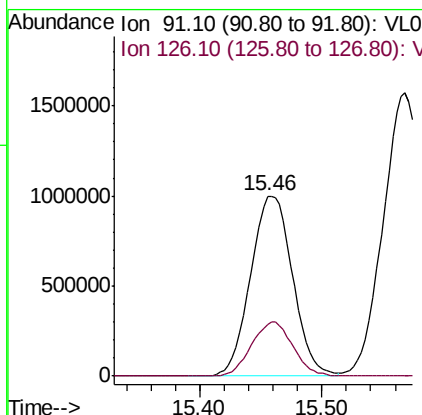
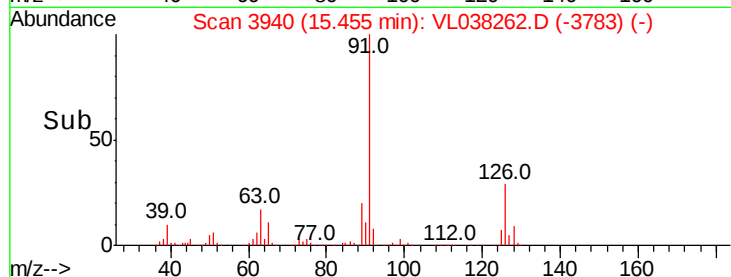
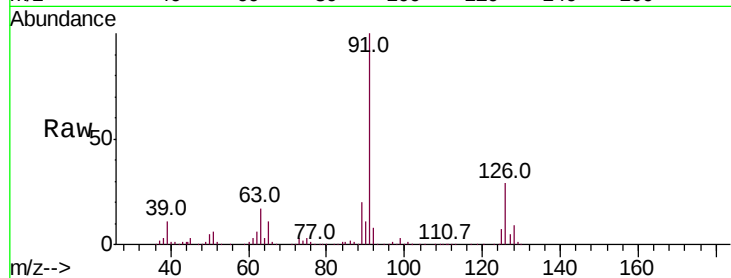


#71
 2-Chlorotoluene
 Concen: 10.187 ppbv
 RT: 15.46 min
 Delta R.T. 0.01 min
 Lab File: VL0124ABS01
 Acq: 24 Jan 2022 16:36

Tot Ion:
 Ion Ratio
 91 100
 126 29.

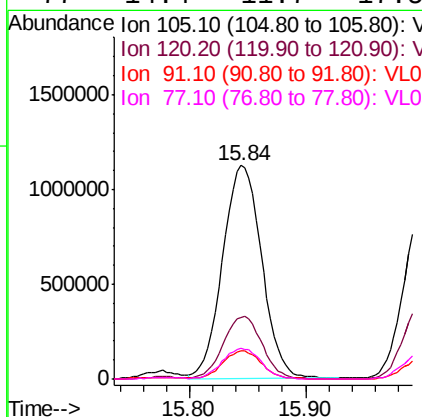
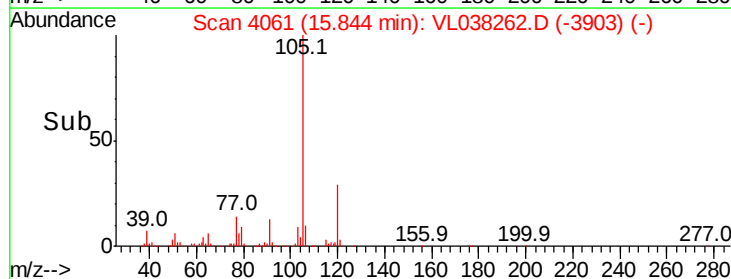
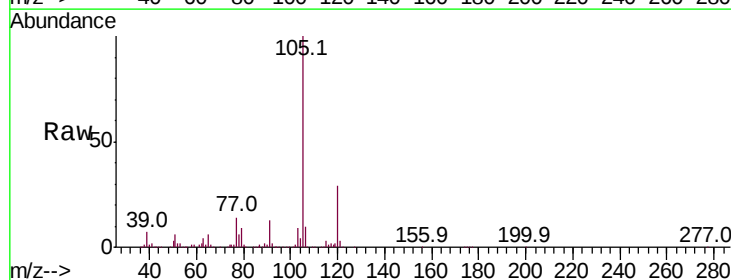
Manual Integrations
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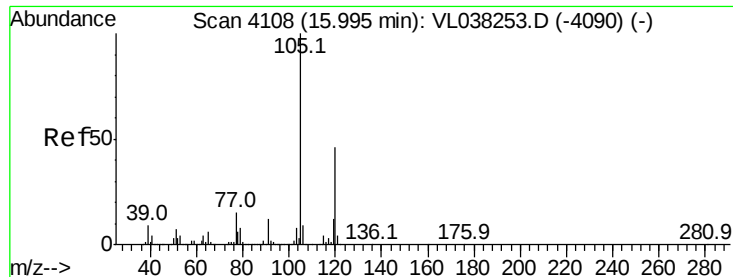
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#72
 4-Ethyltoluene
 Concen: 10.596 ppbv
 RT: 15.84 min Scan# 4061
 Delta R.T. 0.01 min
 Lab File: VL038262.D
 Acq: 24 Jan 2022 16:36

Tgt Ion:105 Resp: 2629931
 Ion Ratio Lower Upper
 105 100
 120 29.5 23.8 35.8
 91 12.7 10.2 15.4
 77 14.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.370 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:30

Tot Ion:1

Ion Rati

105 100

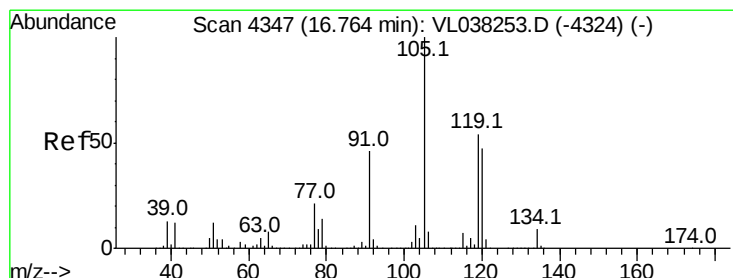
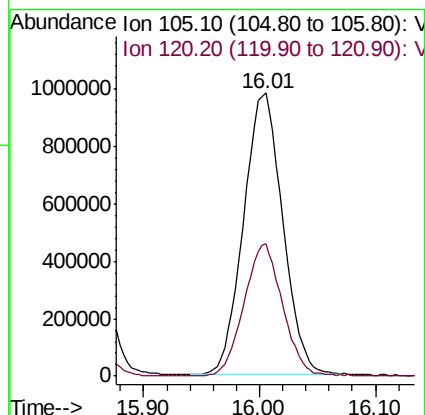
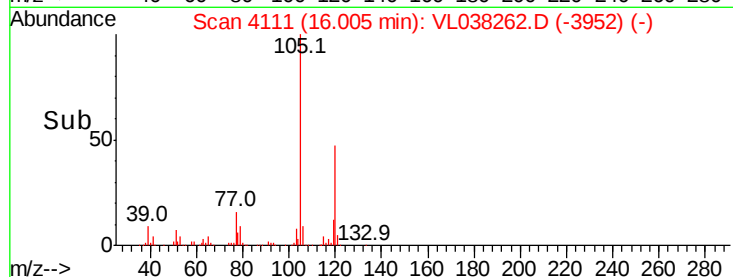
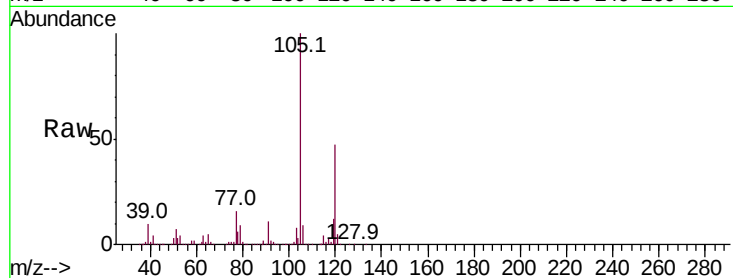
120 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.126 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

Tgt Ion:105 Resp: 2381188

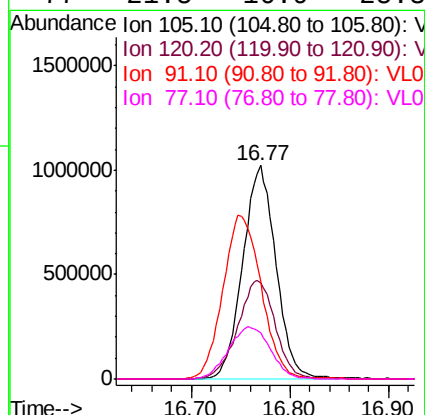
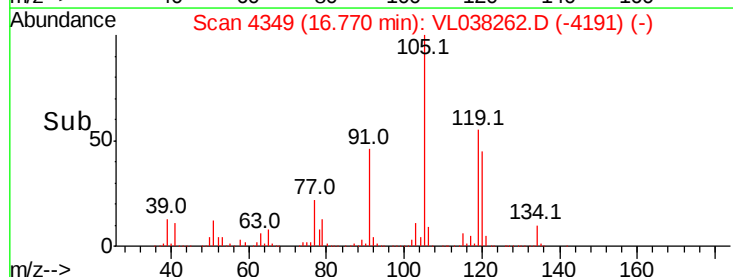
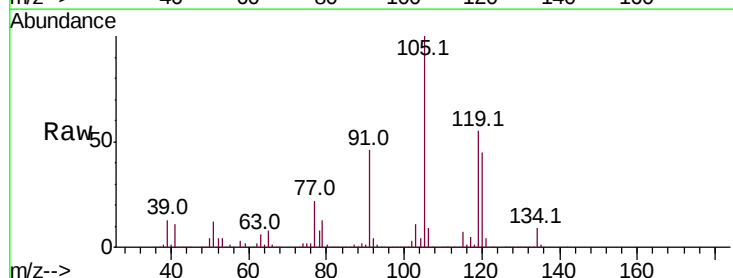
Ion Ratio Lower Upper

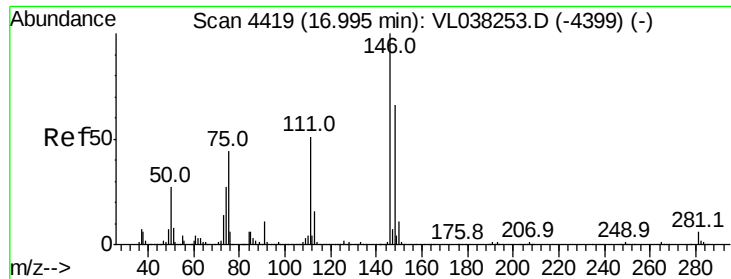
105 100

120 45.0 37.2 55.8

91 45.4 36.6 55.0

77 21.5 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 10.532 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 16:30

Tot Ion:1

Ion Rati

146 100

111 48.

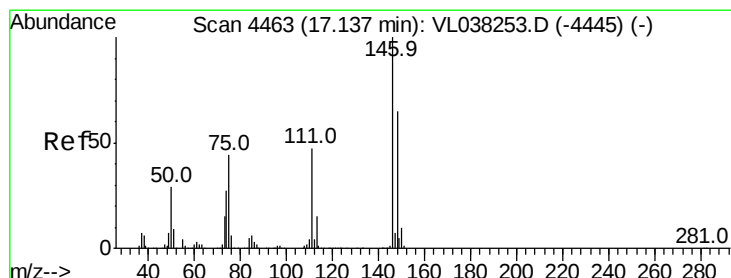
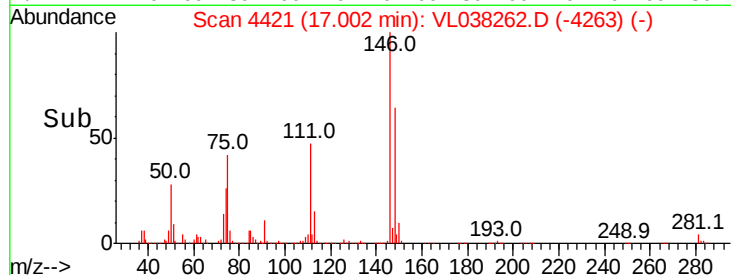
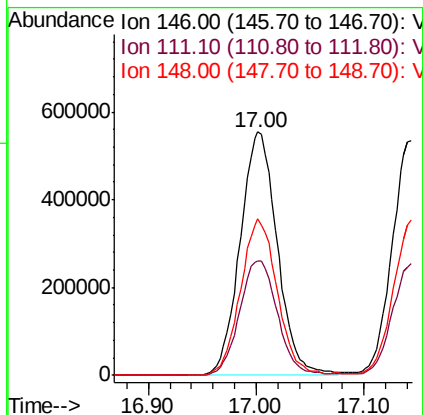
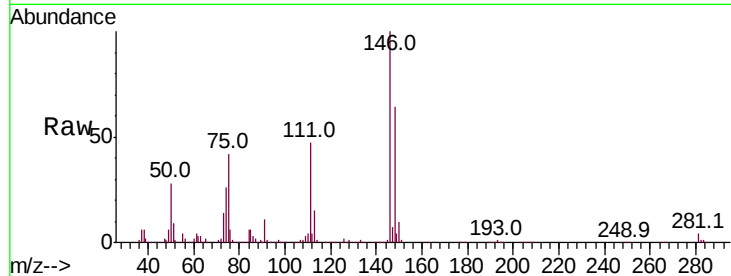
148 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#76

1,4-Dichlorobenzene

Concen: 10.659 ppbv

RT: 17.15 min Scan# 4466

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

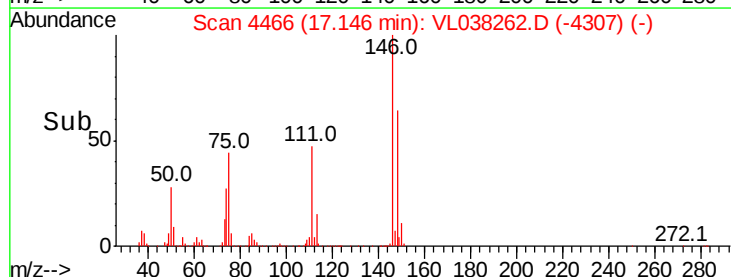
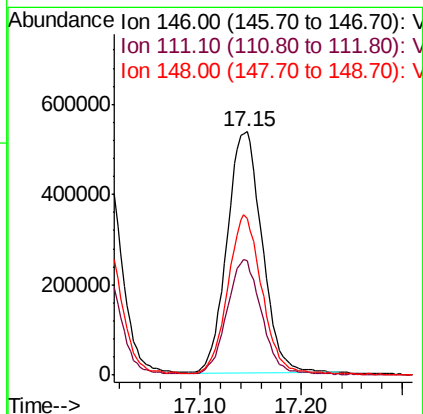
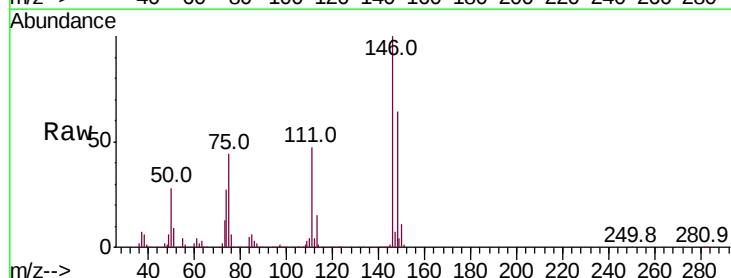
Tgt Ion:146 Resp: 1302200

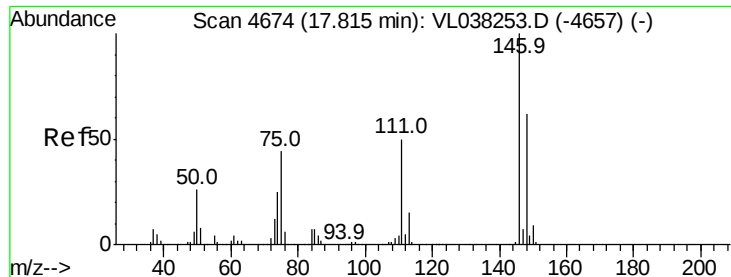
Ion Ratio Lower Upper

146 100

111 47.5 23.2 69.6

148 65.1 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 10.495 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 16:36

Tot Ion:1

Ion Ratio

146 100

111 50.

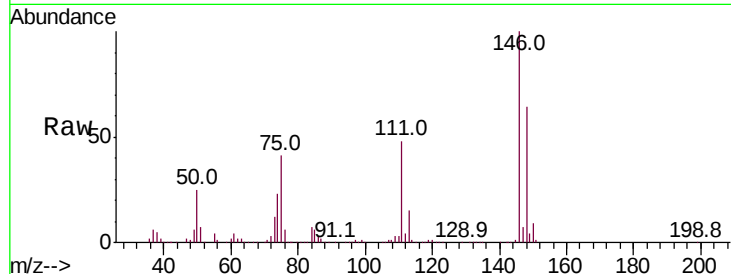
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

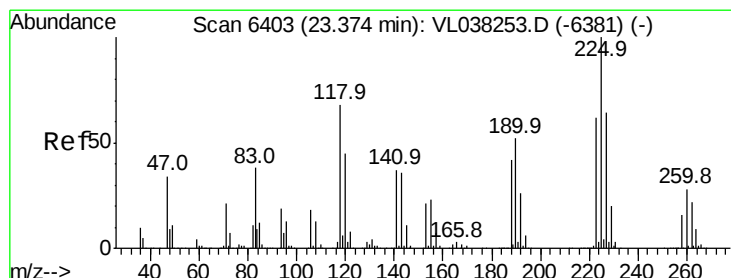
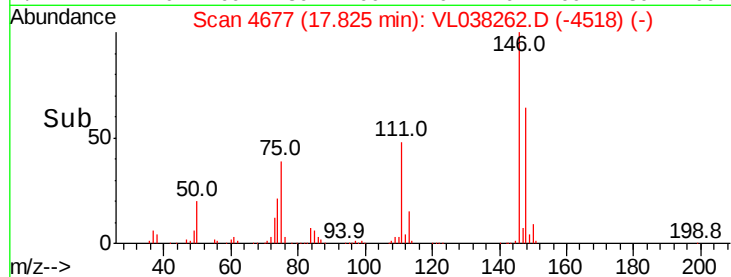
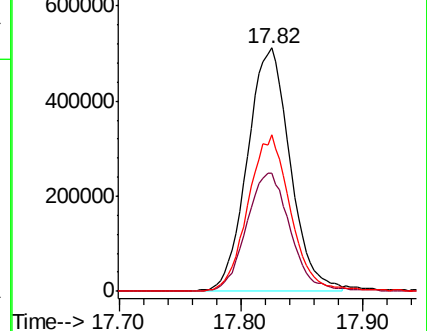
Supervised By :Mahesh Dadoda 01/26/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 7.929 ppbv

RT: 23.38 min Scan# 6405

Delta R.T. 0.01 min

Lab File: VL038262.D

Acq: 24 Jan 2022 16:36

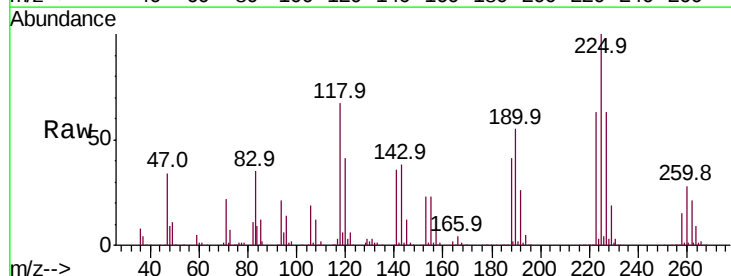
Tgt Ion:225 Resp: 646120

Ion Ratio Lower Upper

225 100

223 64.8 51.7 77.5

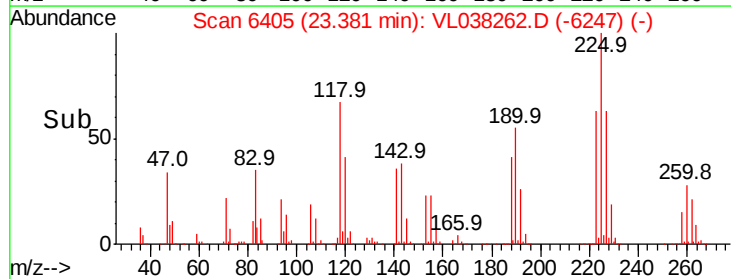
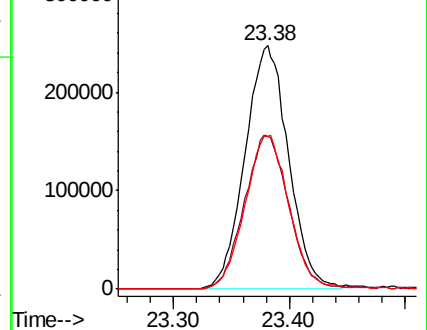
227 64.2 51.4 77.0

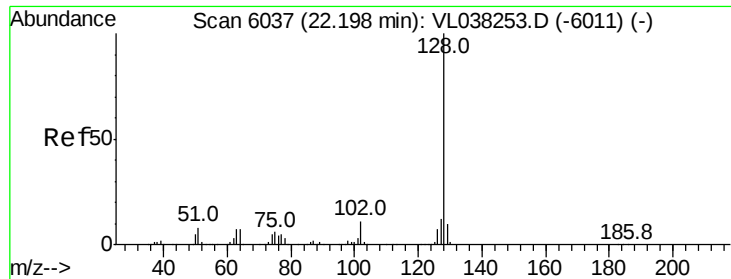


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



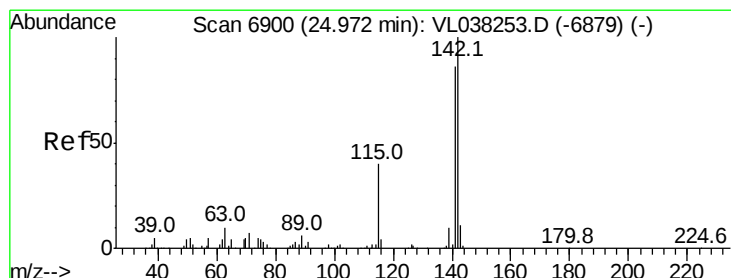
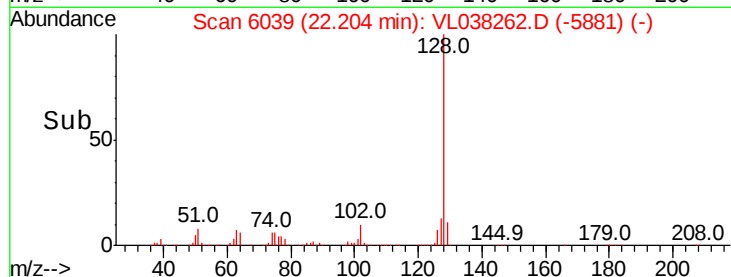
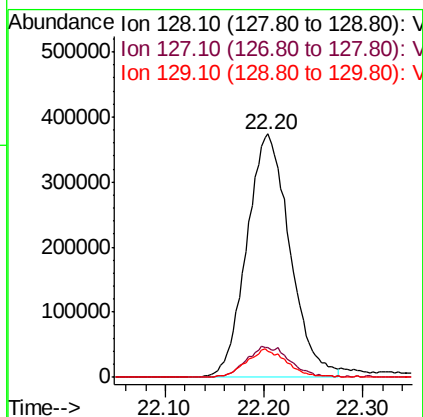
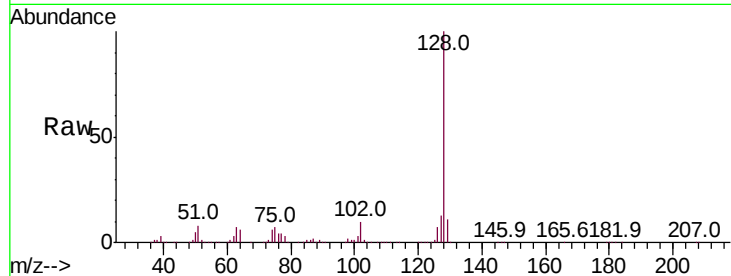


#79
Naphthalene
Concen: 10.279 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL0124ABS01
Acq: 24 Jan 2022 16:36

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

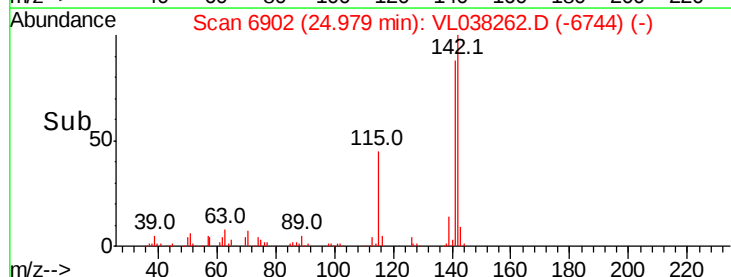
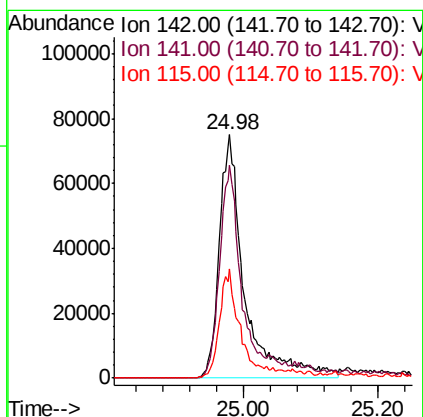
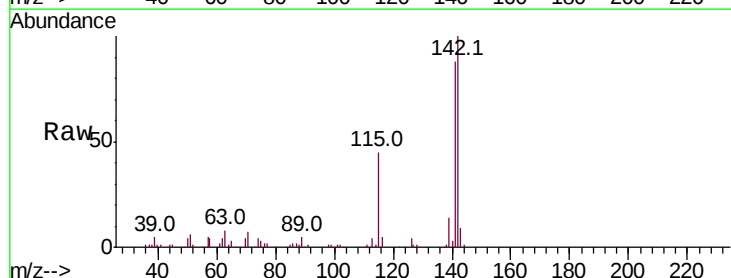
Manual Integrations
APPROVED

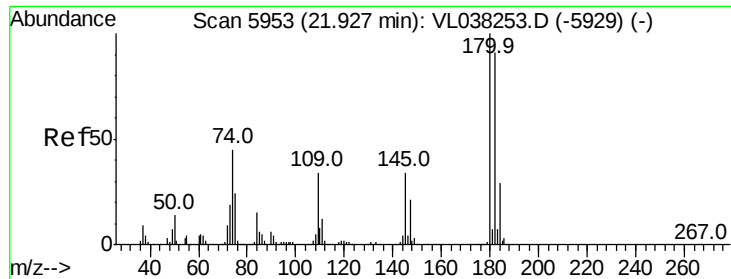
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#80
Naphthalene, 2-methyl-
Concen: 16.523 ppbv
RT: 24.98 min Scan# 6902
Delta R.T.: 0.01 min
Lab File: VL038262.D
Acq: 24 Jan 2022 16:36

Tgt Ion: 142 Resp: 197563
Ion Ratio Lower Upper
142 100
141 82.3 70.2 105.4
115 39.7 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.486 ppbv
 RT: 21.94
 Delta R.T.
 Lab File: ClientSampleId :
 VL0124ABS01
 Acq: 24 Jan 2022 16:50

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

