

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038053.D
 Acq On : 18 Nov 2021 13:41
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 ICVVL111821

Manual Integrations
 APPROVED

Quant Time: Nov 19 07:23:52 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	837540	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2521083	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2299654m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1721208	10.38	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1462229	10.569	ppbv 99
3) Chlorodifluoromethane	3.00	51	1703484	9.685	ppbv 99
4) Chloromethane	3.15	50	609221	10.175	ppbv 98
5) Vinyl Chloride	3.26	62	600858	10.229	ppbv 99
6) Bromomethane	3.48	94	307457	9.771	ppbv 99
7) Chloroethane	3.57	64	205357	9.851	ppbv 100
8) Dichlorotetrafluoroethane	3.20	85	1397633	10.156	ppbv 99
9) Propene	3.02	41	631757	9.753	ppbv 98
10) Heptane	8.12	43	1542503	9.635	ppbv 100
11) Trichlorofluoromethane	3.96	101	1300211	9.882	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	889831	9.561	ppbv 99
13) Ethanol	3.62	45	45671m	7.296	ppbv
14) Bromoethene	3.75	108	410999	9.862	ppbv 99
15) Acetone	3.85	43	695766	9.581	ppbv 100
16) 1,3-Butadiene	3.33	39	579654	10.232	ppbv 97
17) tert-Butyl alcohol	4.29	59	788512	8.952	ppbv 100
18) 1,1-Dichloroethene	4.29	96	410359	9.611	ppbv 99
19) Isopropyl Alcohol	3.97	45	430651m	8.208	ppbv
20) Methylene Chloride	4.35	84	359413	8.836	ppbv 98
21) Allyl Chloride	4.42	41	653824	9.727	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	430017	9.943	ppbv 98
23) Vinyl Acetate	5.08	43	1078786	10.262	ppbv 98
24) 1,1-Dichloroethane	5.02	63	856455	9.784	ppbv 99
25) Ethyl Acetate	5.68	43	2367363	9.809	ppbv 99
26) Hexane	5.69	57	1135135	9.758	ppbv 96
27) Carbon Disulfide	4.56	76	1047046	10.048	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	966467	9.781	ppbv 99
29) Chloroform	5.75	83	1677796	9.787	ppbv 98
30) Cyclohexane	7.13	84	1014948	9.611	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	1100325	9.944	ppbv 99
32) 1,1,1-Trichloroethane	6.51	97	1714893	9.856	ppbv 99
34) 2-Butanone	5.25	43	1053270	10.361	ppbv 98
35) Carbon Tetrachloride	7.02	117	1764759	9.963	ppbv 100
36) Benzene	6.90	78	2442669	9.713	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1226393	10.097	ppbv 100
38) Trichloroethene	7.84	130	877270	9.248	ppbv 99
39) 1,2-Dichloropropane	7.62	63	945097	9.797	ppbv 99
40) 1,4-Dioxane	7.84	88	189163m	7.526	ppbv
41) Tetrahydrofuran	6.05	42	614586	9.739	ppbv 99
42) Bromodichloromethane	7.79	83	1847198	10.004	ppbv 99
43) Methyl Methacrylate	8.02	69	900113	10.462	ppbv 100

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 ClientSampleId :
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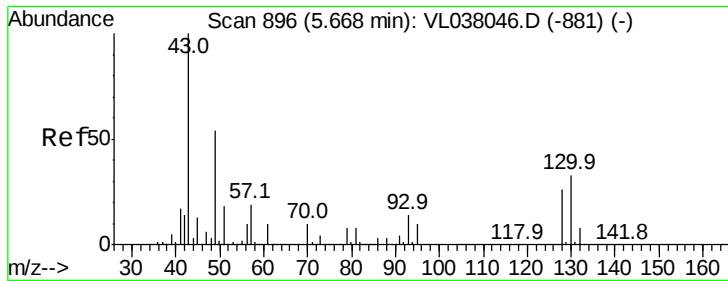
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3917730	9.311	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	793070	11.492	ppbv	96
46) cis-1,3-Dichloropropene	8.71	75	988356	10.588	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	971515	9.616	ppbv	96
48) Dibromochloromethane	10.30	129	1606084	10.438	ppbv	98
49) Bromoform	13.04	173	1160252	10.541	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1570711	10.174	ppbv	100
51) 2-Hexanone	10.14	43	735020	10.120	ppbv #	99
52) Tetrachloroethene	11.23	164	809166	8.696	ppbv	96
53) Toluene	9.81	91	2787789	9.635	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1413733	9.906	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1007286	9.649	ppbv	95
57) Chlorobenzene	12.15	112	1974093	9.578	ppbv	99
58) Ethyl Benzene	12.71	91	3614641	9.510	ppbv	100
59) m/p-Xylene	13.00	91	5880405m	18.379	ppbv	
60) o-Xylene	13.70	91	2690212	9.064	ppbv	98
61) Styrene	13.53	104	1582782	9.946	ppbv	98
62) Isopropylbenzene	14.67	105	3897983	9.252	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1954452	8.865	ppbv	99
64) n-propylbenzene	15.56	120	1053017	9.811	ppbv	100
65) tert-Butylbenzene	16.74	119	3392292	9.139	ppbv	100
66) Benzyl Chloride	16.99	91	195232	10.378	ppbv	100
67) sec-Butylbenzene	17.29	105	4849028	9.375	ppbv	100
69) p-Isopropyltoluene	17.65	119	3995888	9.876	ppbv	100
70) n-Butylbenzene	18.55	91	3985480	10.302	ppbv	100
71) 2-Chlorotoluene	15.45	91	2874849	9.333	ppbv	99
72) 4-Ethyltoluene	15.84	105	3485952	10.130	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	3066230	9.755	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	3107768	9.595	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1798786	10.111	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1774114	9.910	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1737187	10.085	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	1042371	9.692	ppbv	99
79) Naphthalene	22.19	128	2142005	12.558	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	513580	14.050	ppbv	99
81) 1,2,4-Trichlorobenzene	21.92	180	1134277	11.572	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_L

Delta R.T. 0.00

Lab File: ClientSampleId: ICVVL111821

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

49 100

128 53.

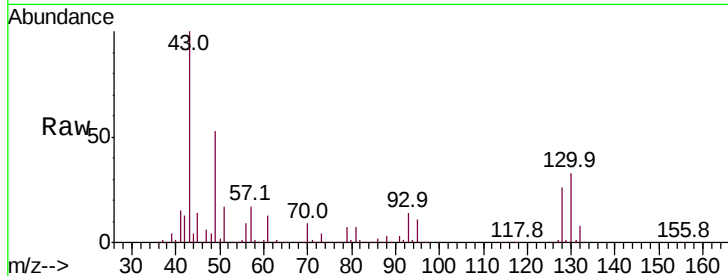
130 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

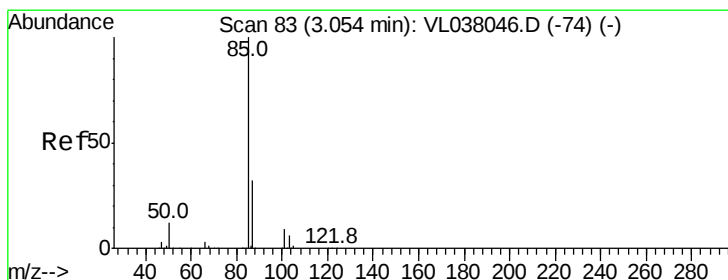
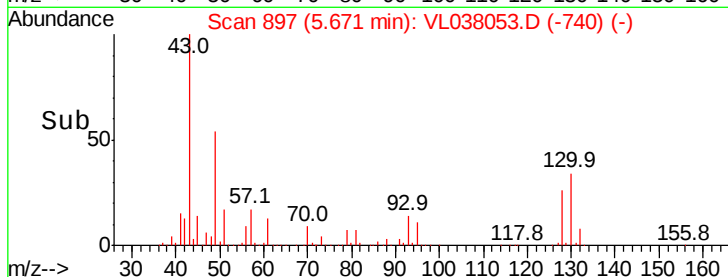
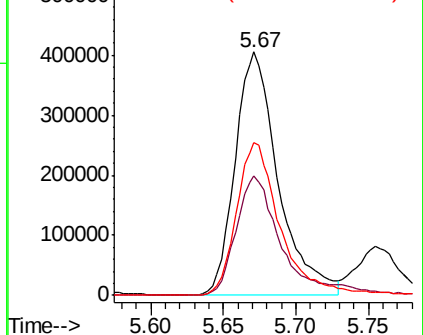
Supervised By :Mahesh Dadoda 11/29/2021



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: 10.569 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038053.D

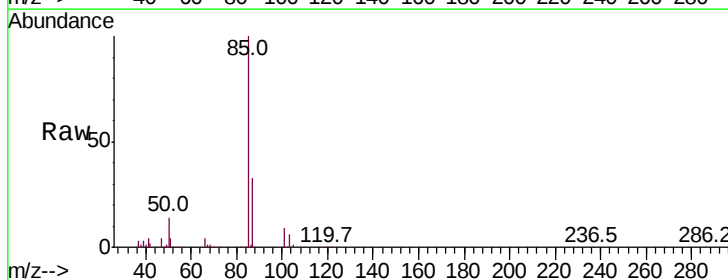
Acq: 18 Nov 2021 13:41

Tgt Ion: 85 Resp: 1462229

Ion Ratio Lower Upper

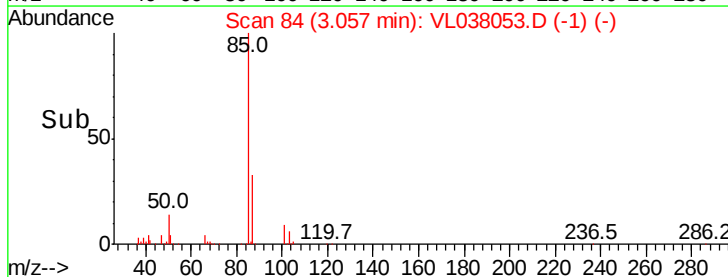
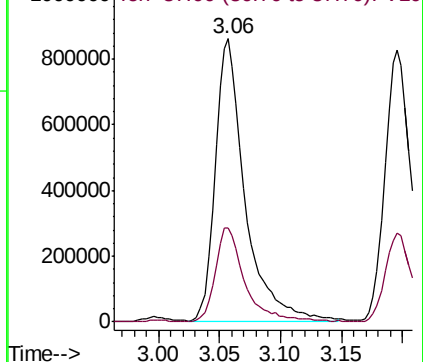
85 100

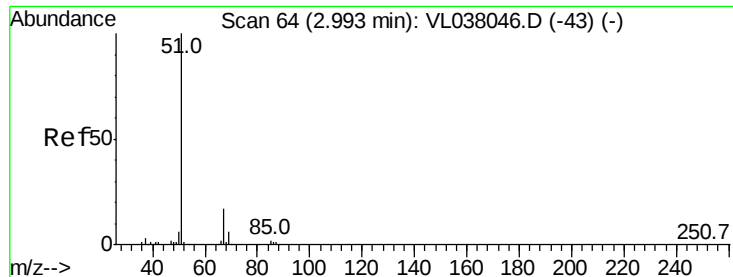
87 33.0 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.685 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

51 100

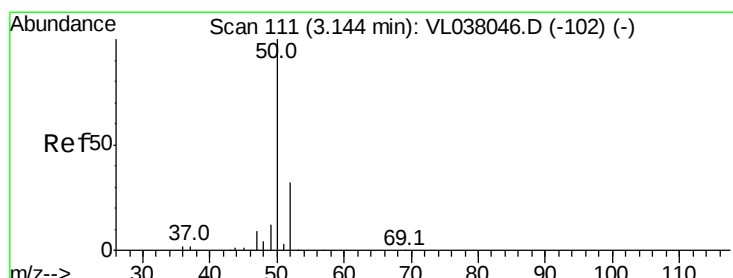
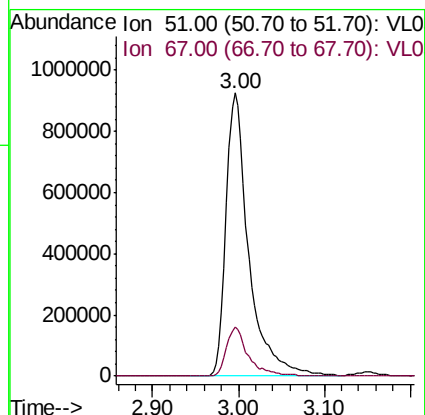
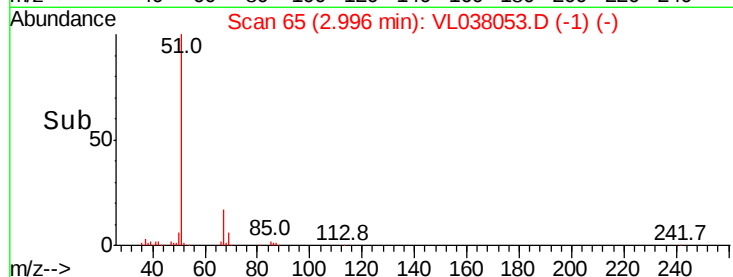
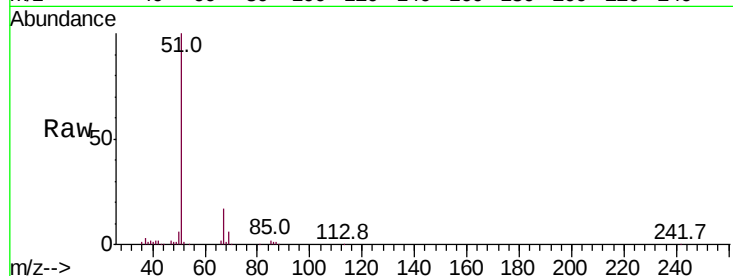
67 17.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#4

Chloromethane

Concen: 10.175 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038053.D

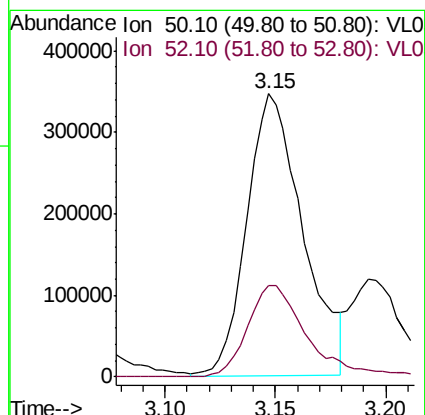
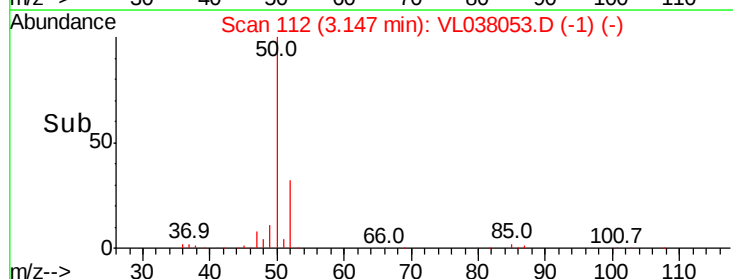
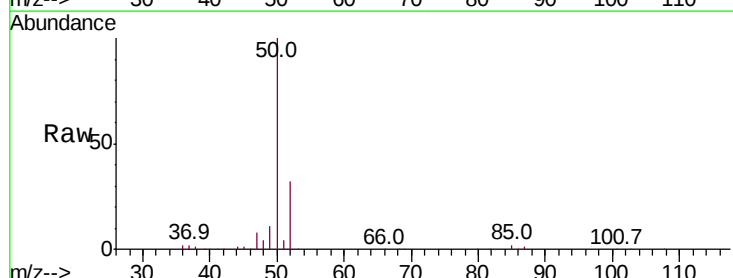
Acq: 18 Nov 2021 13:41

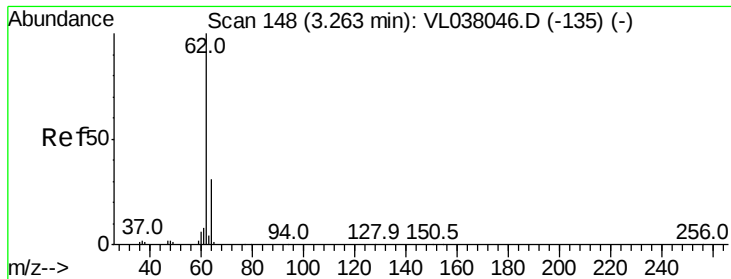
Tgt Ion: 50 Resp: 609221

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.0





#5

Vinyl Chloride

Concen: 10.229 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: ICVVL111821

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

62 100

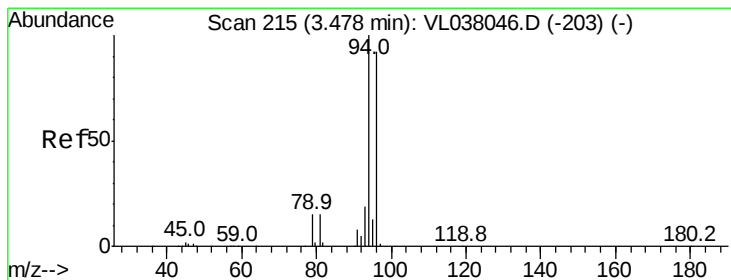
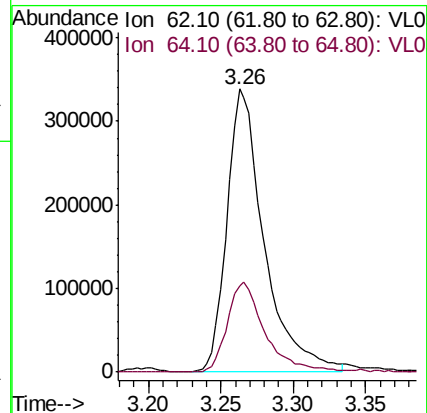
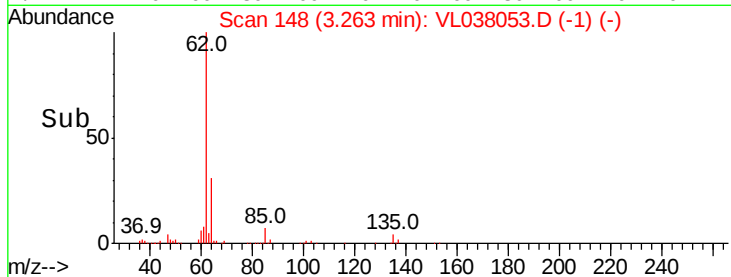
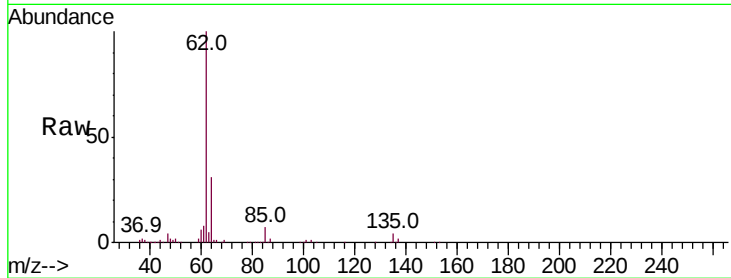
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 9.771 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038053.D

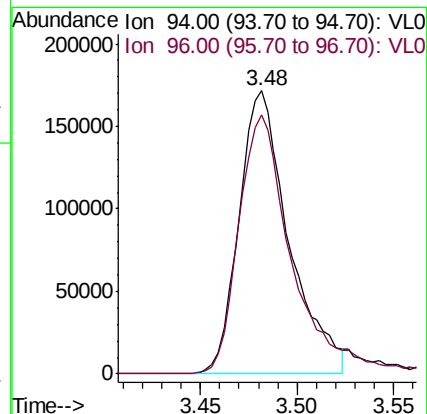
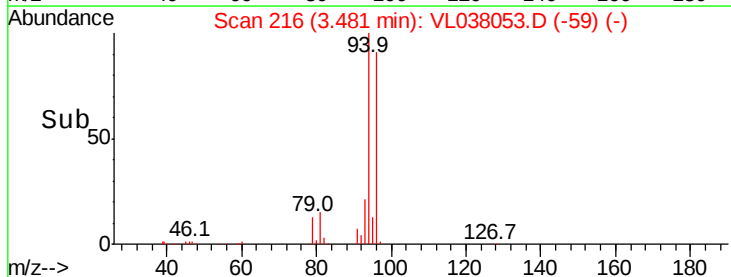
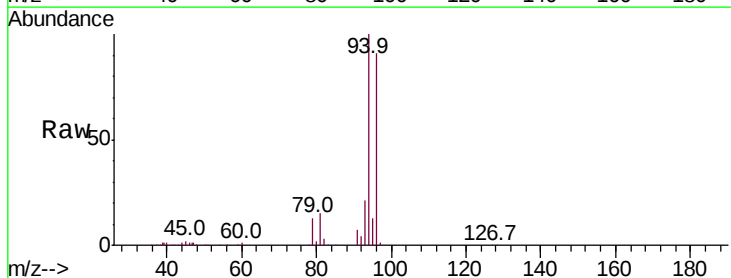
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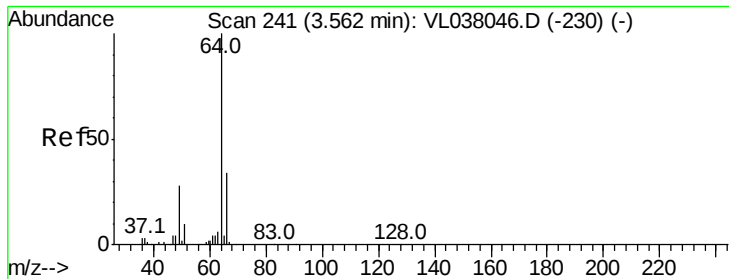
Tgt Ion: 94 Resp: 307457

Ion Ratio Lower Upper

94 100

96 91.2 73.9 110.9





#7

Chloroethane

Concen: 9.851 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

64 100

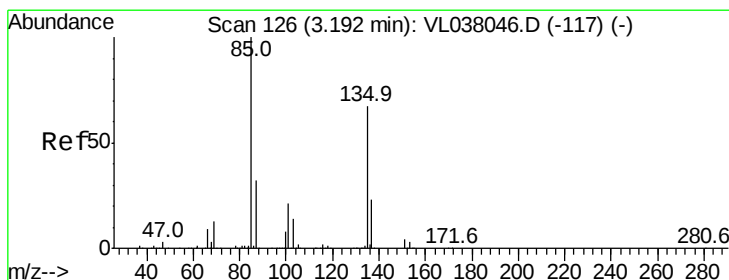
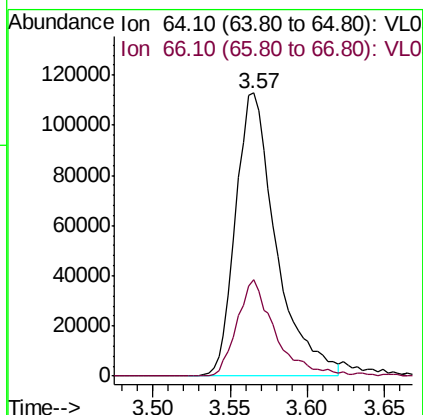
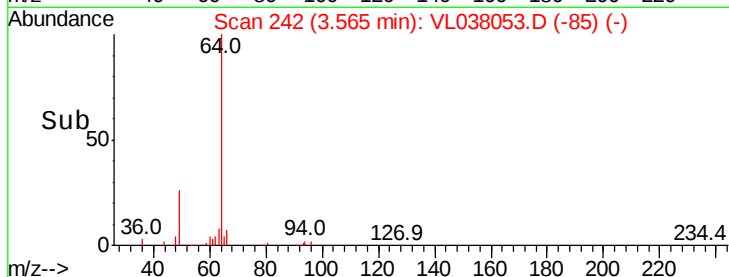
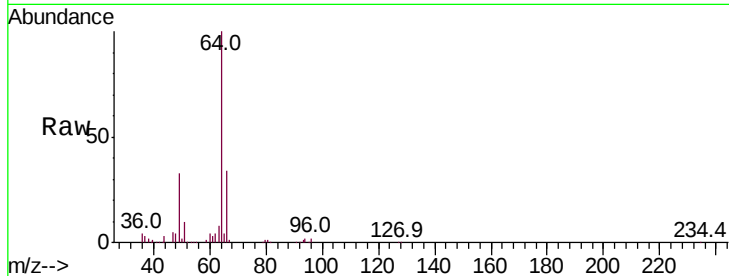
66 34.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 10.156 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.00 min

Lab File: VL038053.D

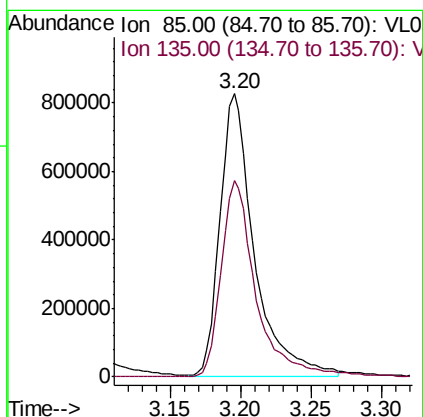
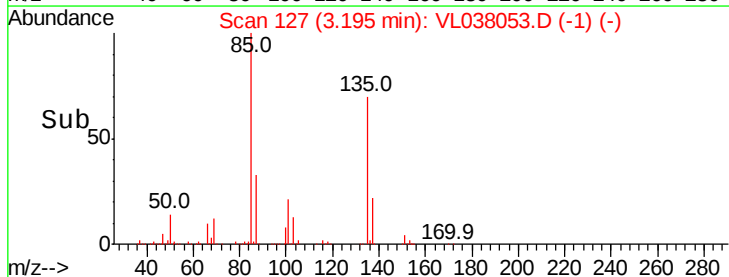
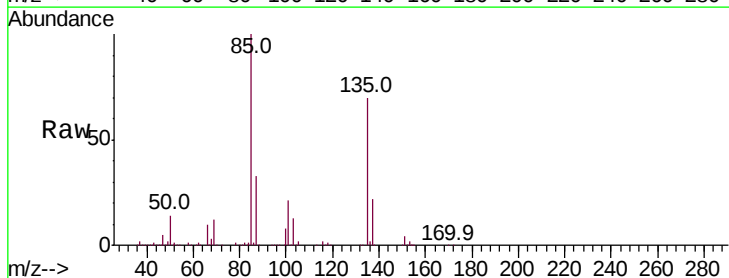
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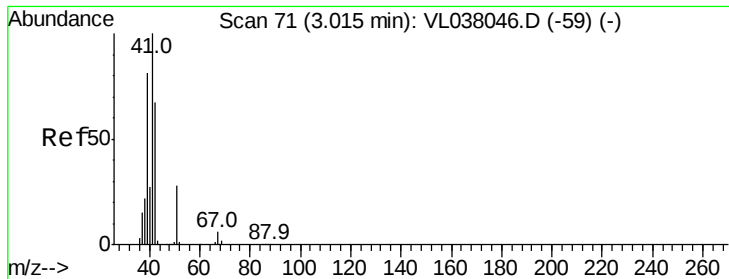
Tgt Ion: 85 Resp: 1397633

Ion Ratio Lower Upper

85 100

135 71.4 57.9 86.9





#9

Propene

Concen: 9.753 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

41 100

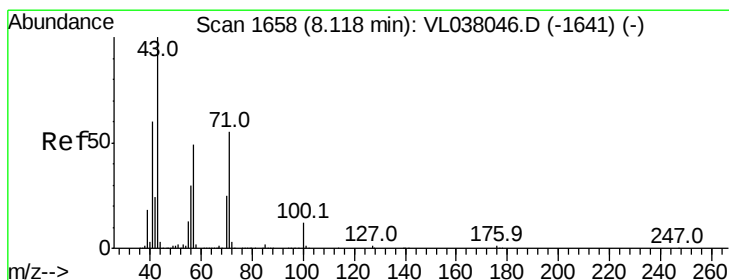
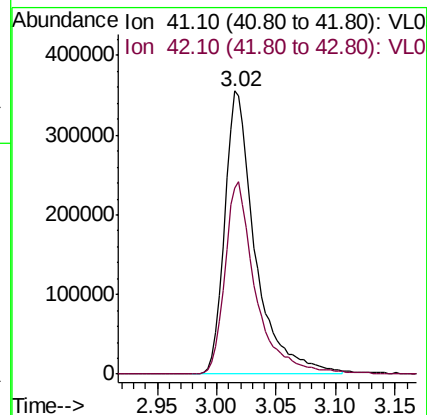
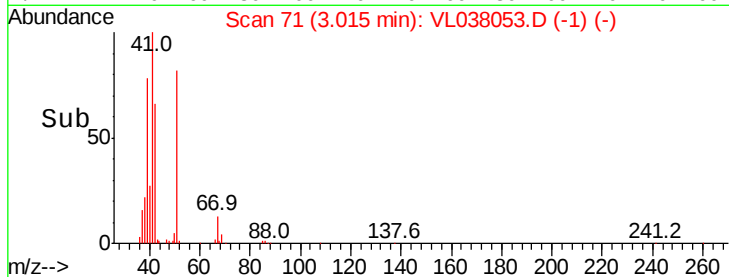
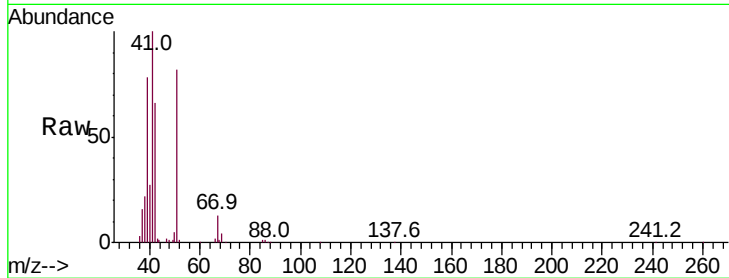
42 68.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#10

Heptane

Concen: 9.635 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VL038053.D

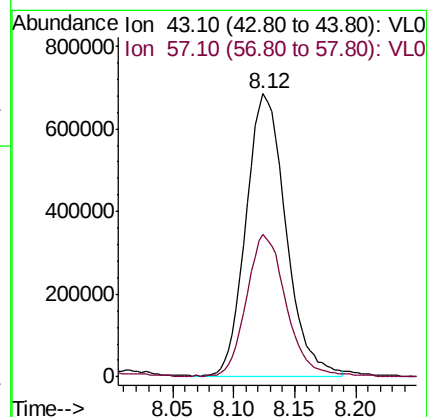
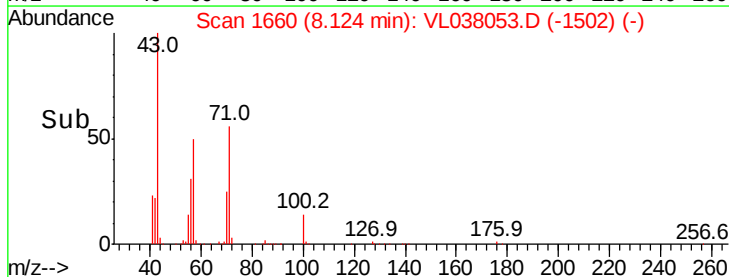
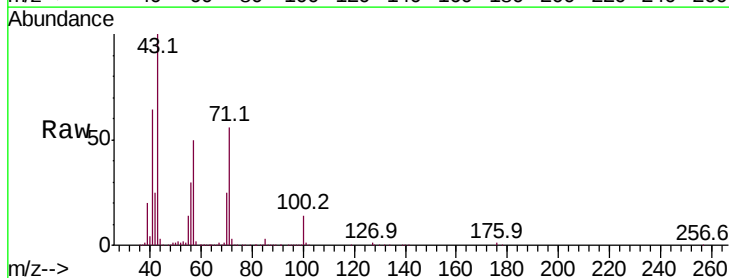
Acq: 18 Nov 2021 13:41

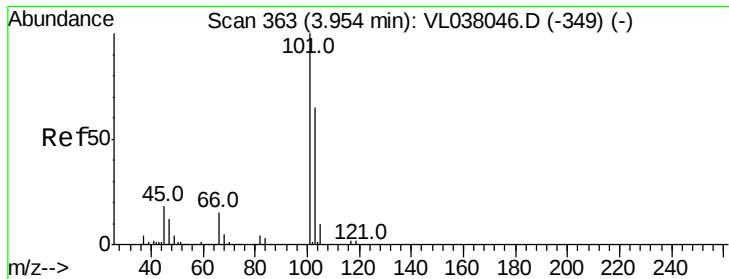
Tgt Ion: 43 Resp: 1542503

Ion Ratio Lower Upper

43 100

57 50.2 40.4 60.6



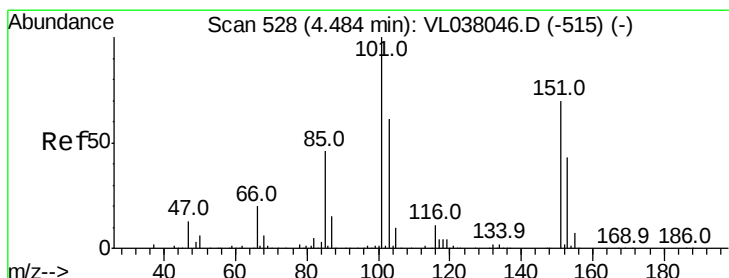
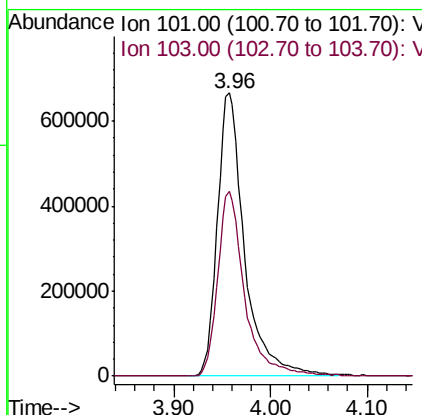
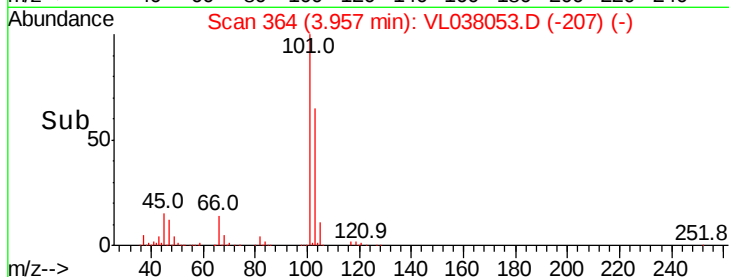
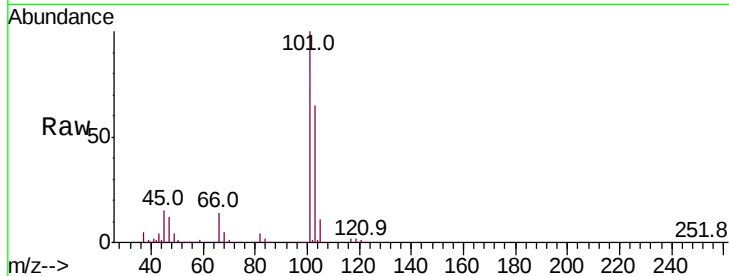


#11
 Trichlorofluoromethane
 Concen: 9.882 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 13:41

Tot Ion:1
 Ion Rati
 101 100
 103 65.

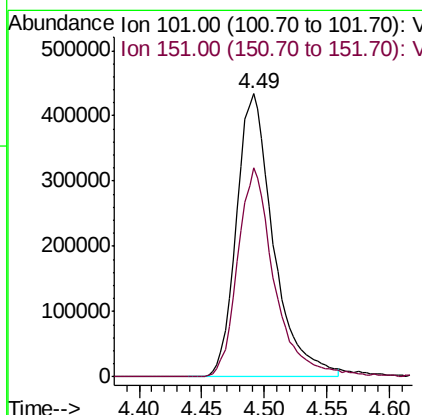
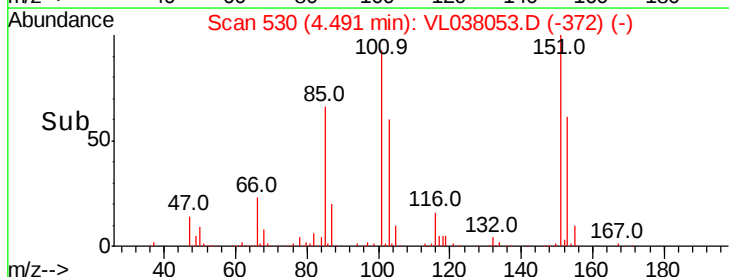
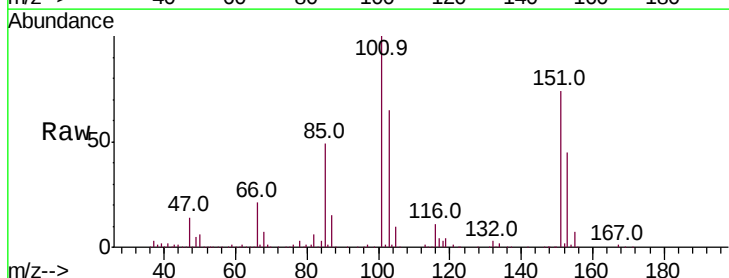
Manual Integrations
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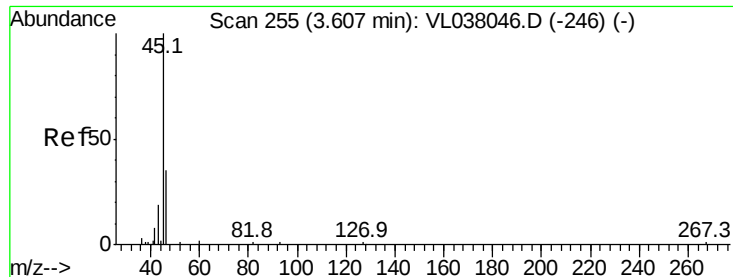
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.561 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:101 Resp: 889831
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.0 88.4



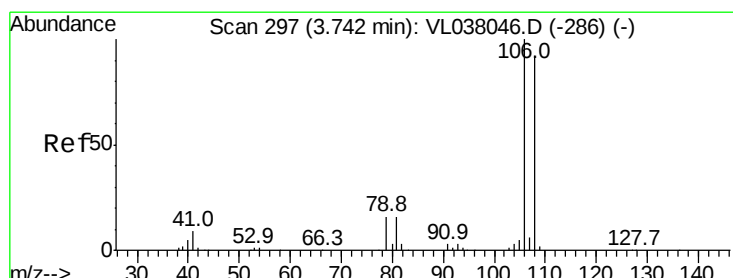
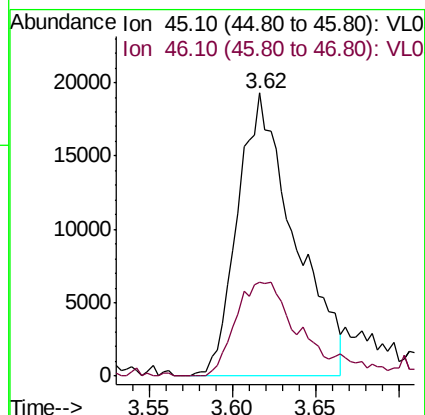
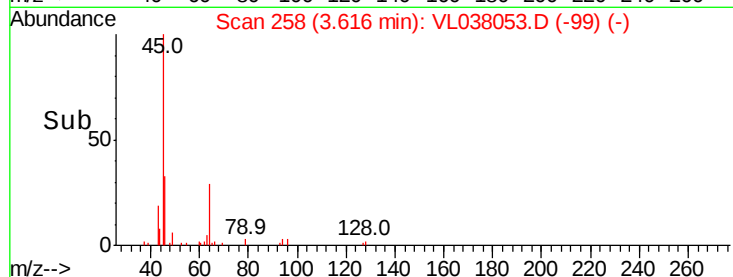
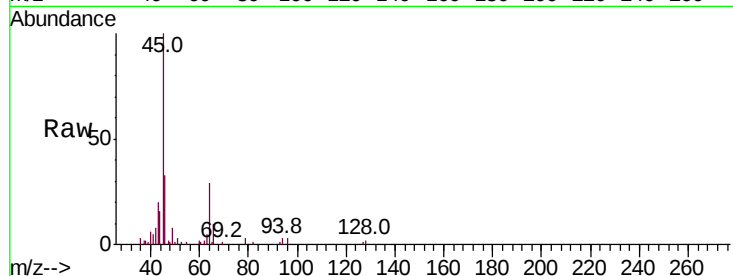


#13
Ethanol
Concen: 7.296 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
45 100
46 41.

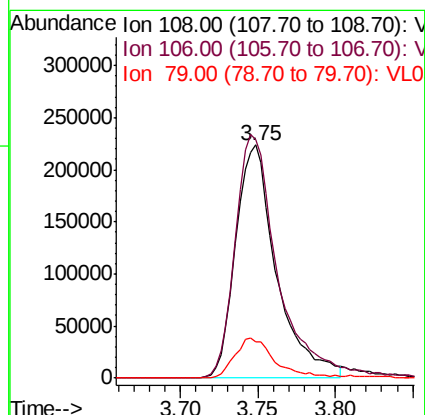
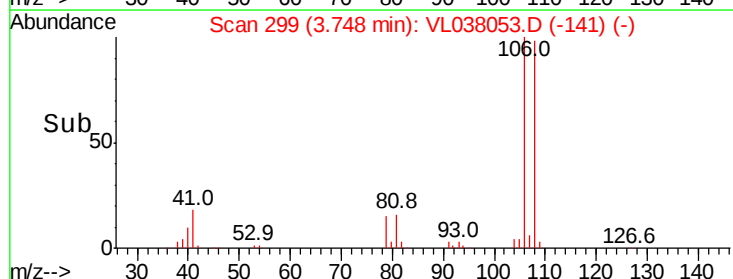
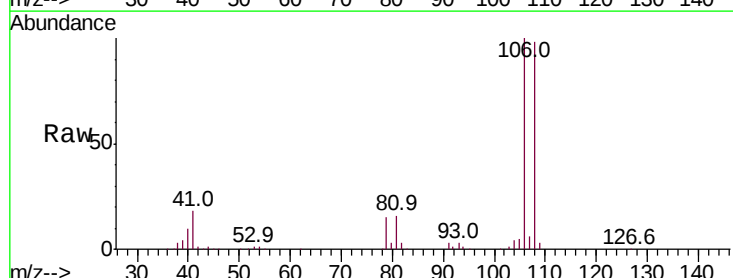
Manual Integrations
APPROVED

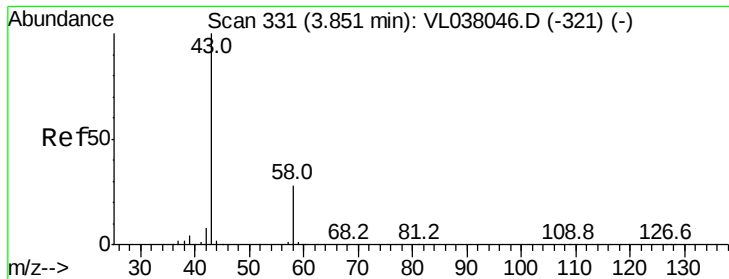
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Bromoethene
Concen: 9.862 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:108 Resp: 410999
Ion Ratio Lower Upper
108 100
106 111.1 89.4 134.0
79 18.2 14.1 21.1





#15

Acetone

Concen: 9.581 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

43 100

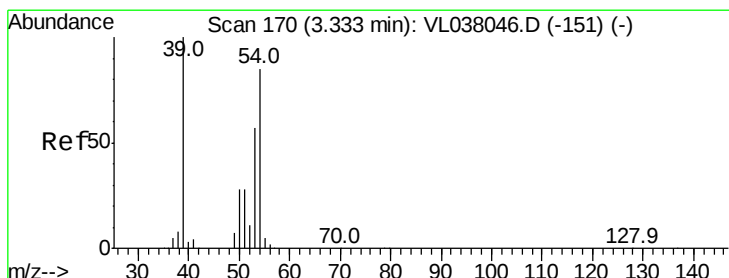
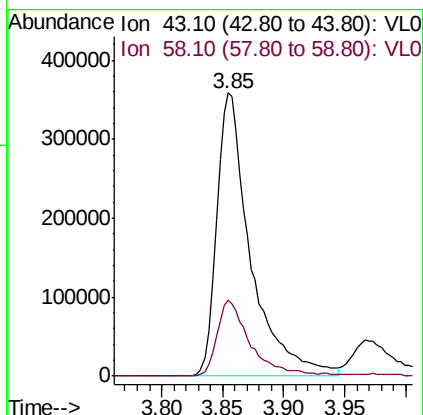
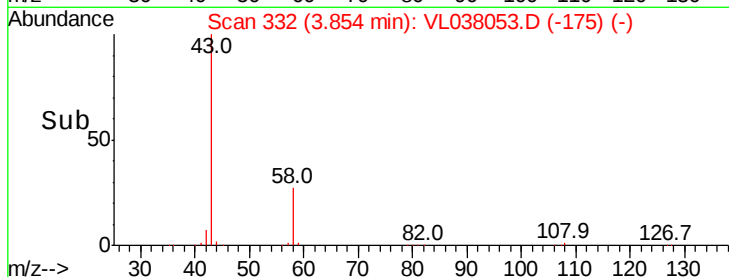
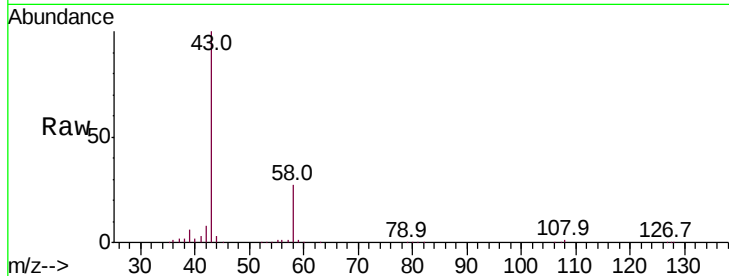
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#16

1,3-Butadiene

Concen: 10.232 ppbv

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038053.D

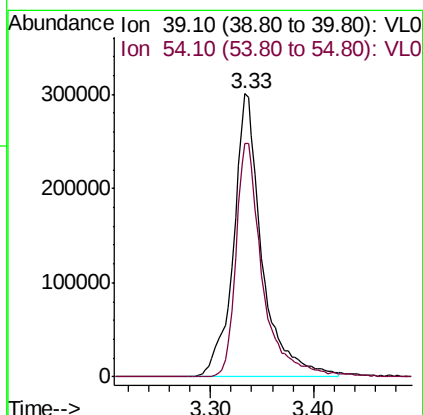
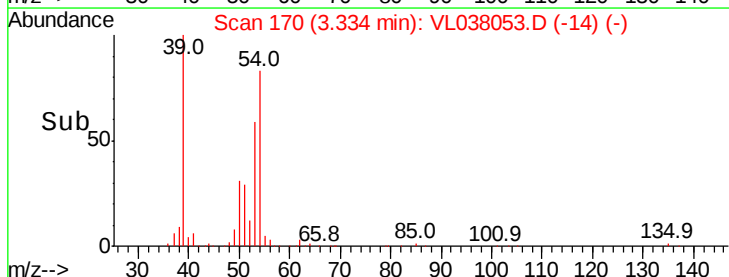
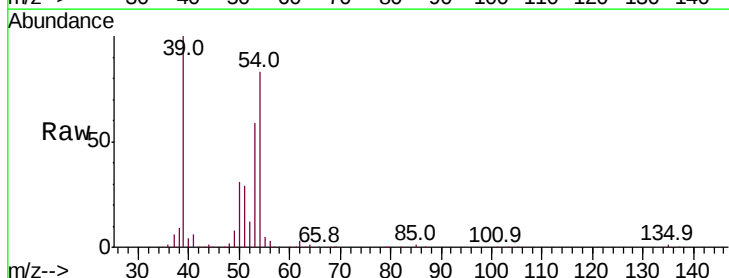
Acq: 18 Nov 2021 13:41

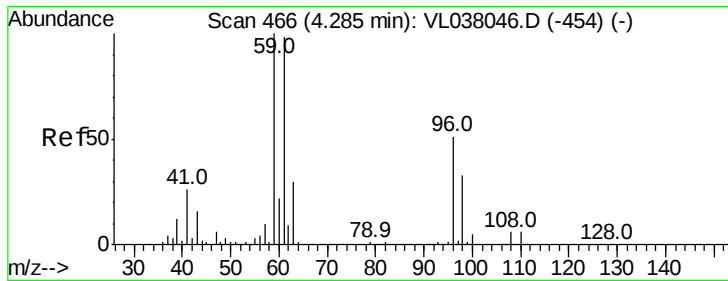
Tgt Ion: 39 Resp: 579654

Ion Ratio Lower Upper

39 100

54 77.5 64.4 96.6





#17

tert-Butyl alcohol

Concen: 8.952 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

59 100

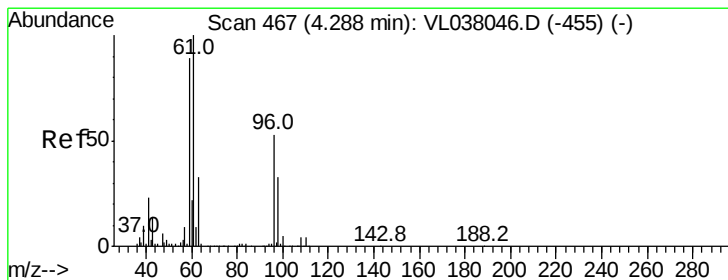
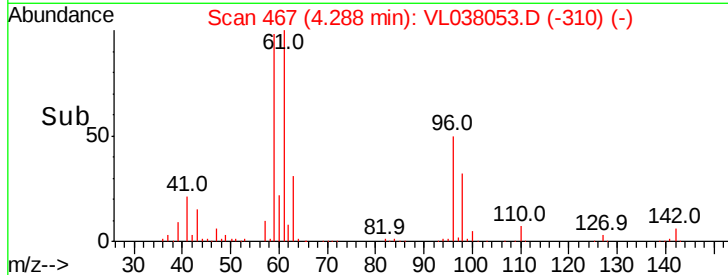
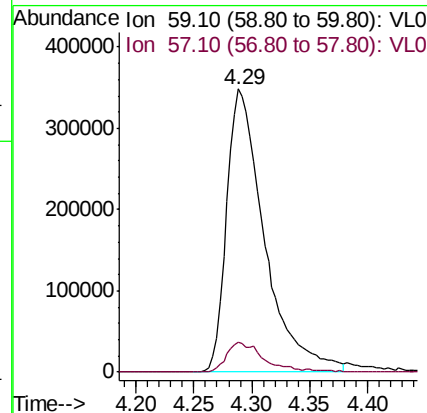
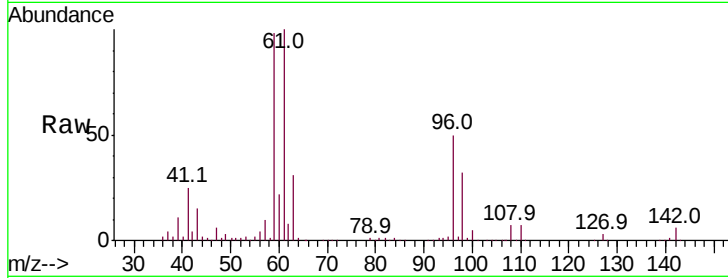
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#18

1,1-Dichloroethene

Concen: 9.611 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

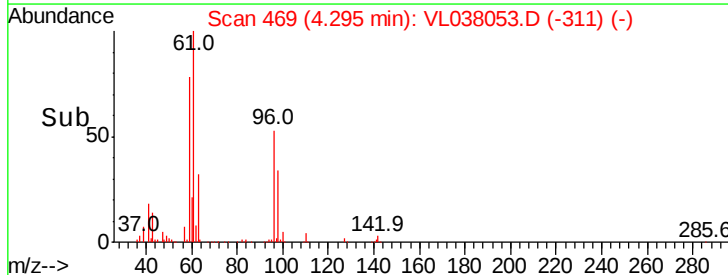
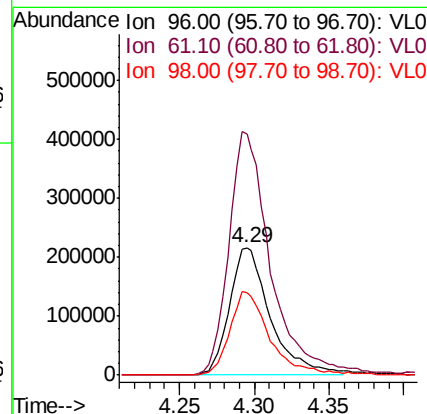
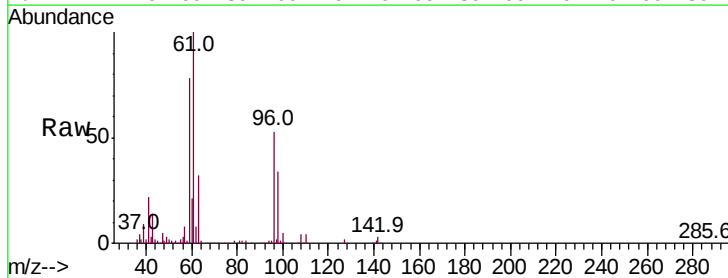
Tgt Ion: 96 Resp: 410359

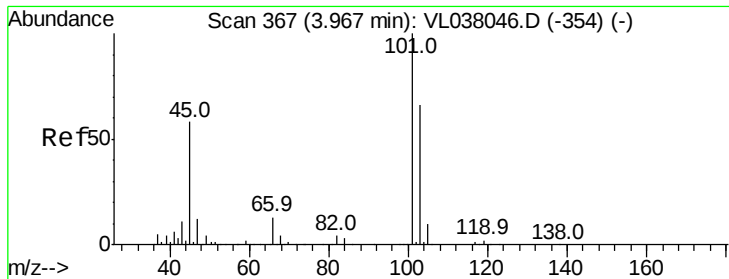
Ion Ratio Lower Upper

96 100

61 188.8 149.8 224.8

98 64.4 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.208 ppbv m

RT: 3.97 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

45 100

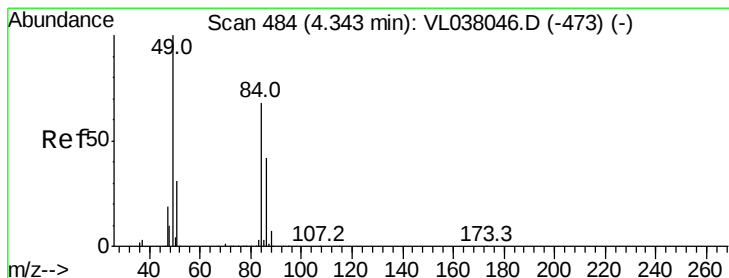
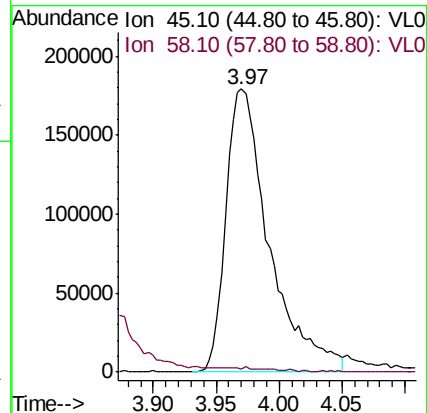
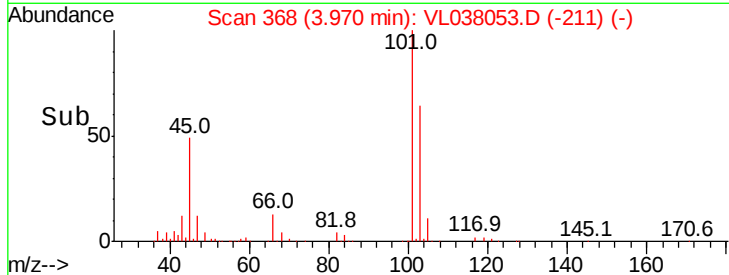
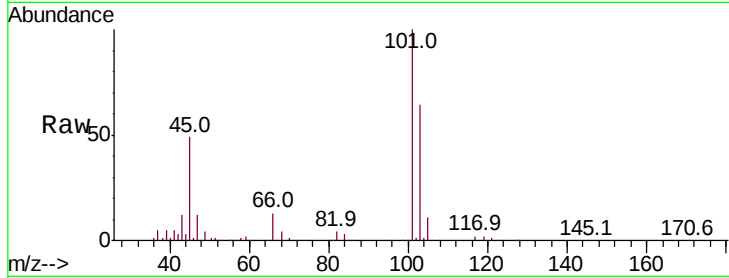
58 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 8.836 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 84 Resp: 359413

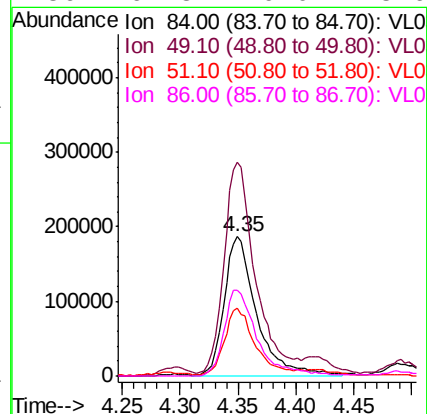
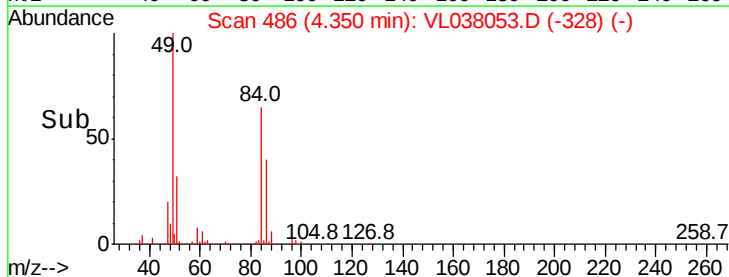
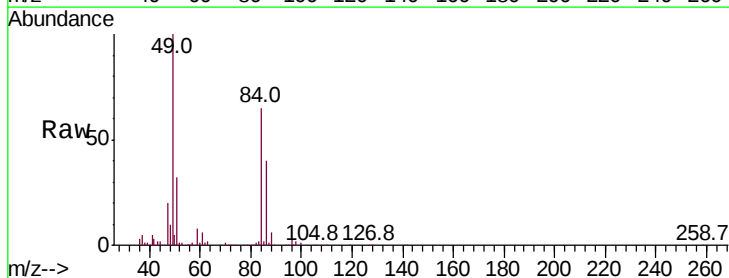
Ion Ratio Lower Upper

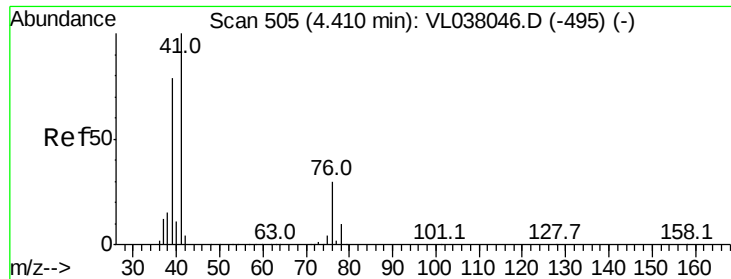
84 100

49 151.1 118.2 177.2

51 47.5 36.8 55.2

86 61.8 49.0 73.6



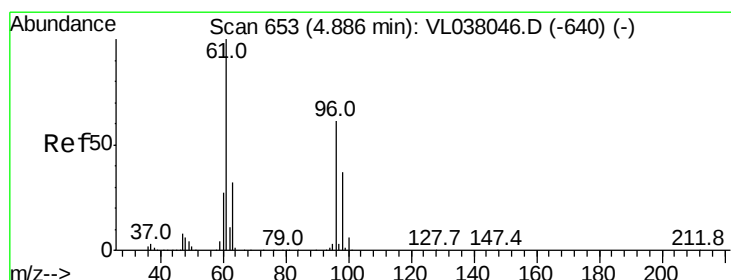
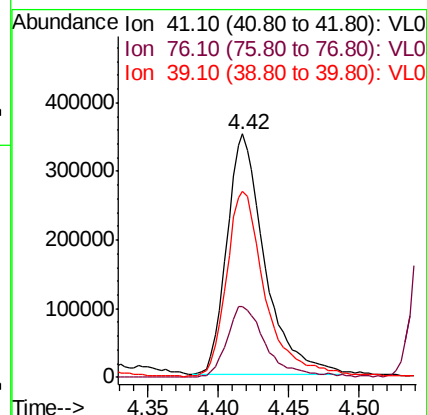
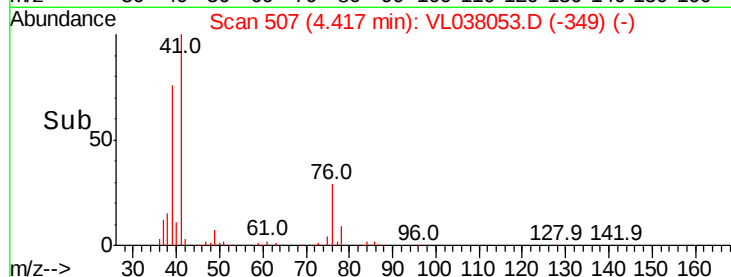
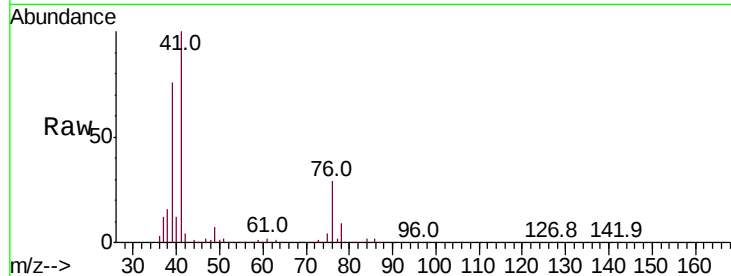


#21
Allvl Chloride
Concen: 9.727 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
41 100
76 30.
39 79.

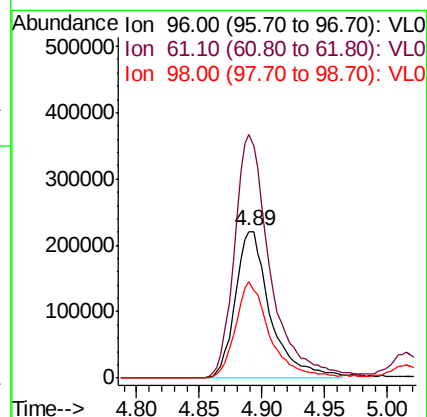
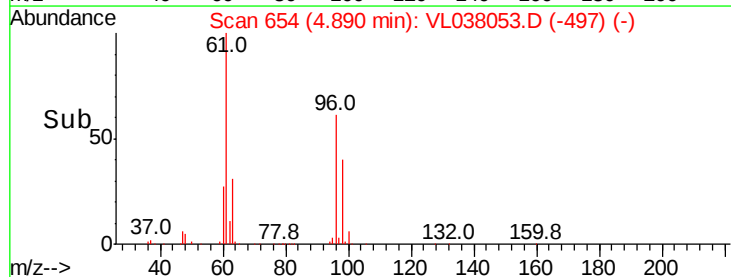
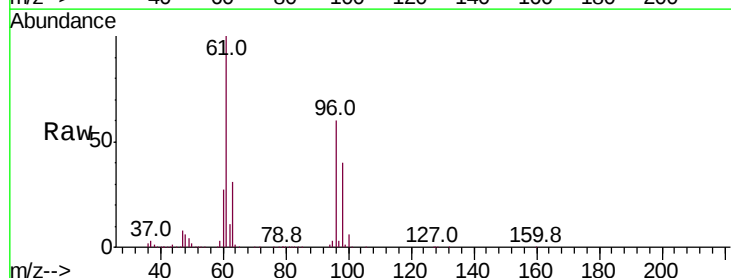
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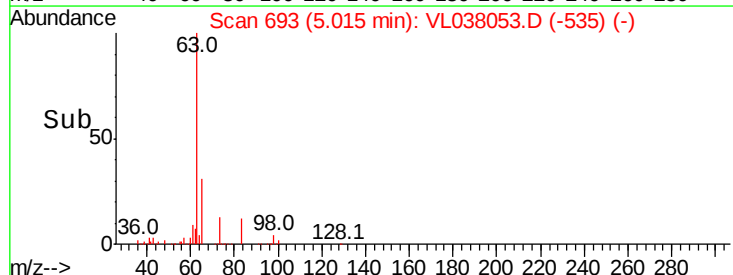
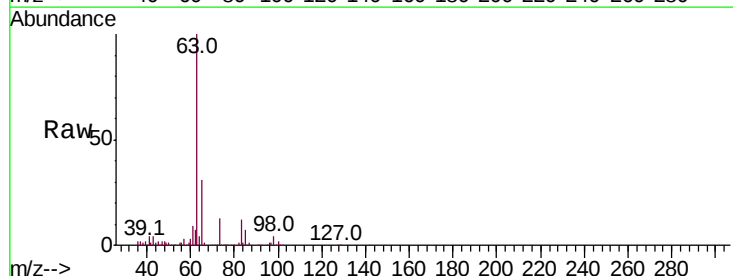
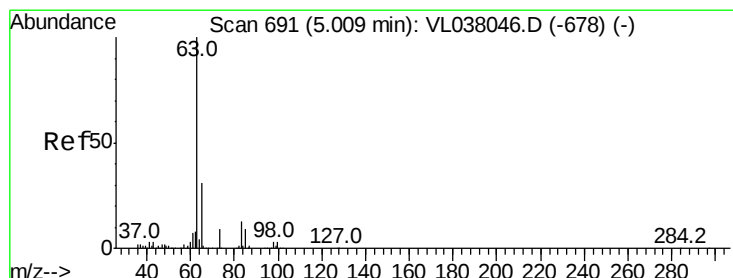
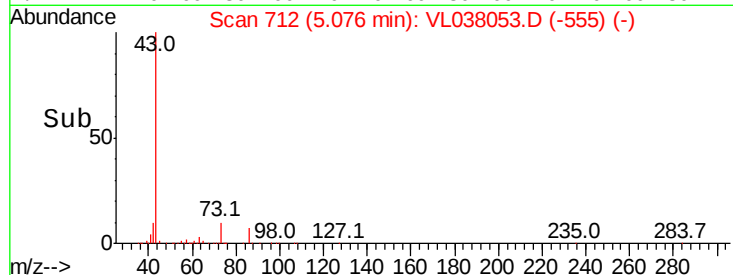
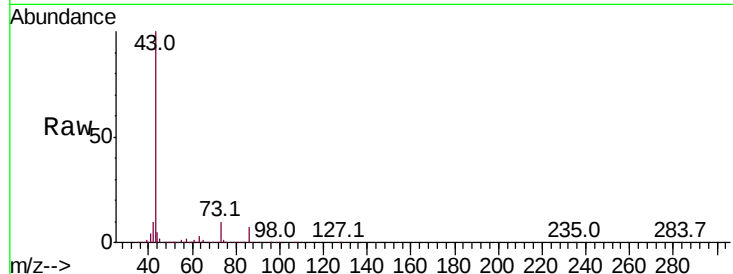
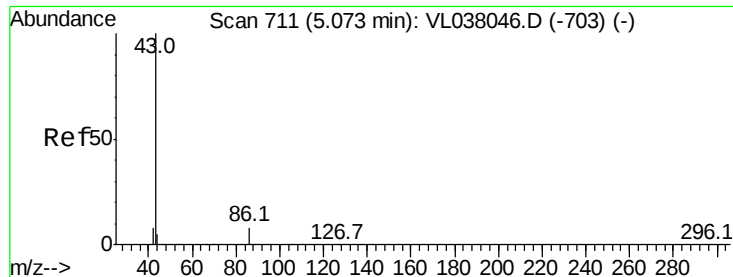
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.943 ppbv
RT: 4.89 min Scan# 654
Delta R.T. 0.00 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 96 Resp: 430017
Ion Ratio Lower Upper
96 100
61 165.6 131.6 197.4
98 65.6 48.4 72.6





#23

Vinyl Acetate

Concen: 10.262 ppbv

RT: 5.08

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion: 43.10 (42.80 to 43.80): VL0

Ion Ratio: 43 100

86 7.

42 9.

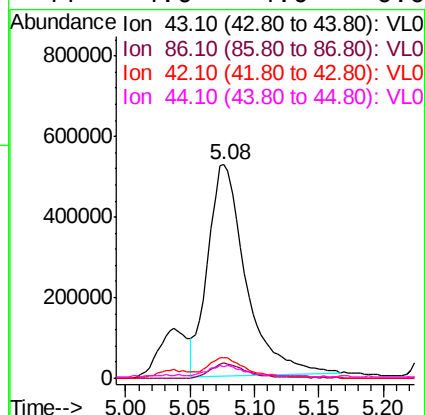
44 4.6 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 9.784 ppbv

RT: 5.02 min Scan# 693

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

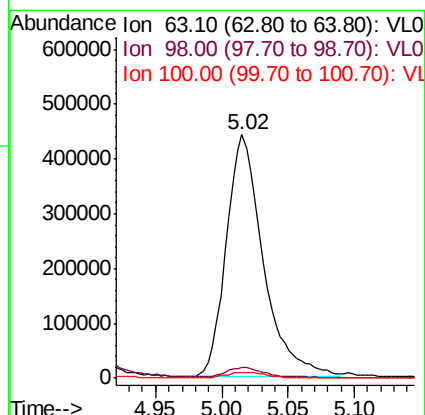
Tgt Ion: 63 Resp: 856455

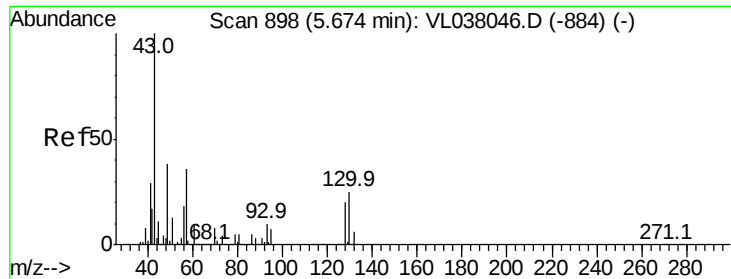
Ion Ratio Lower Upper

63 100

98 4.1 1.8 5.4

100 2.4 1.4 4.0



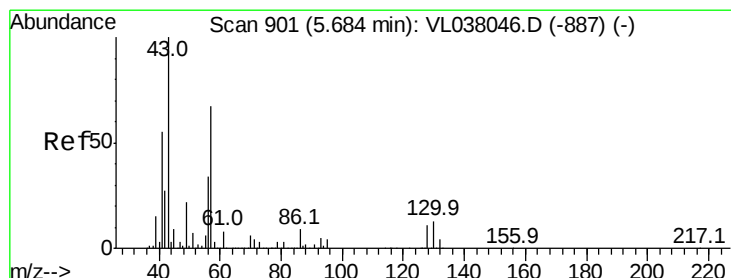
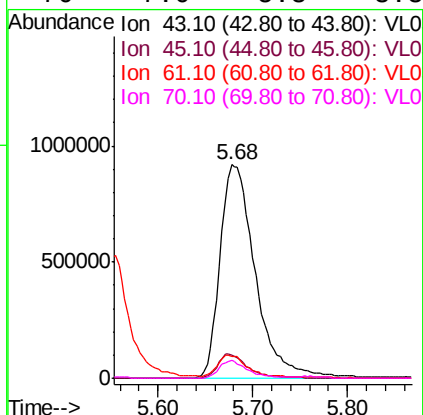
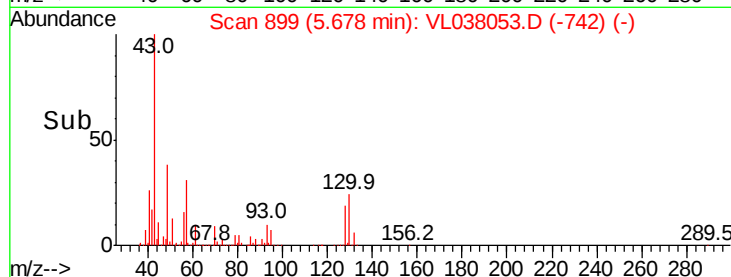
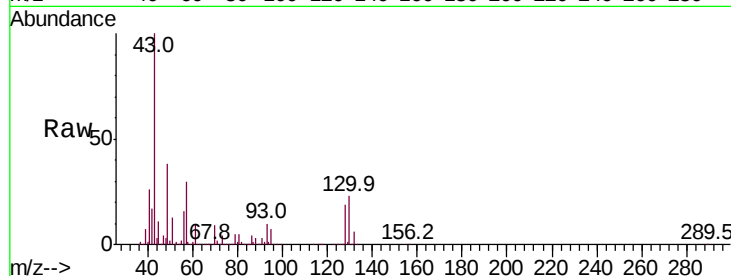


#25
Ethyl Acetate
Concen: 9.809 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.0 5.8 8.8

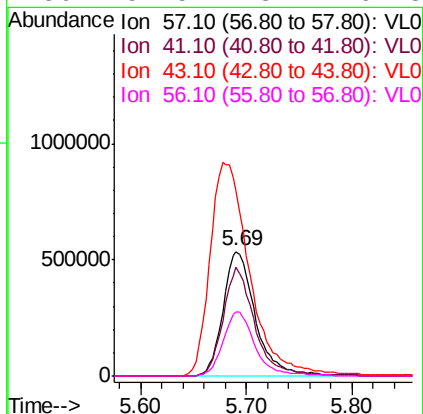
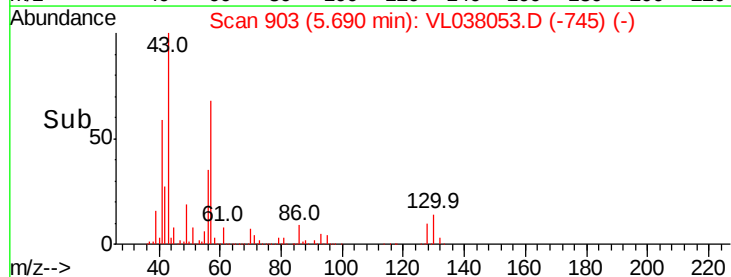
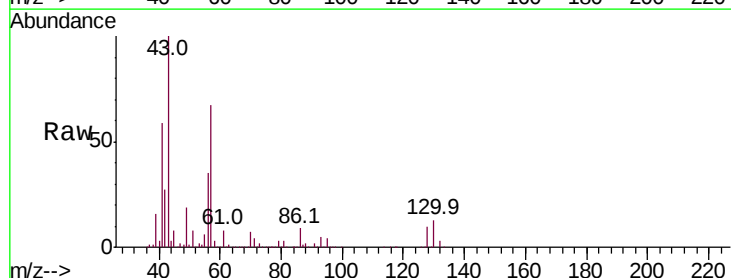
Manual Integrations
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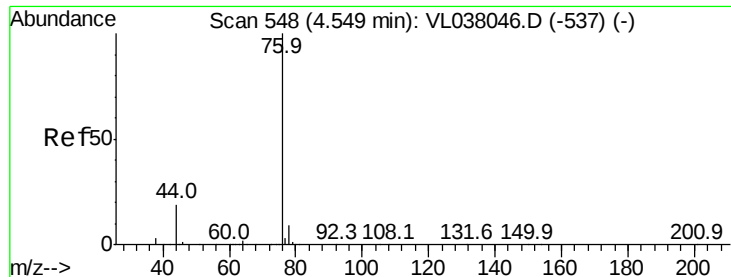
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 9.758 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 57 Resp: 1135135
Ion Ratio Lower Upper
57 100
41 85.5 71.4 107.2
43 210.6 174.6 261.8
56 51.5 43.2 64.8





#27

Carbon Disulfide

Concen: 10.048 ppbv

RT: 4.56

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId : ICVVL111821

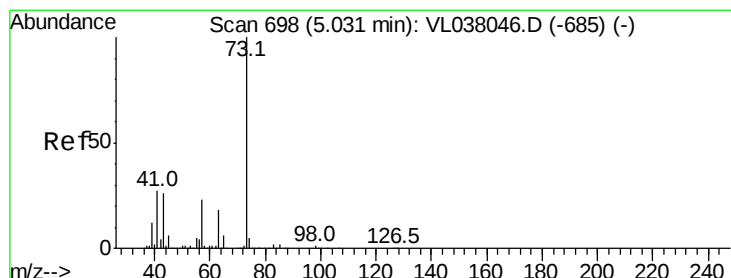
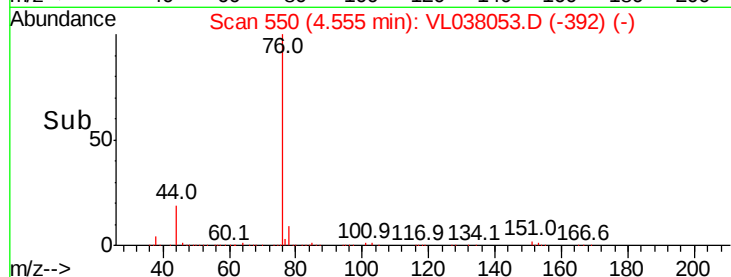
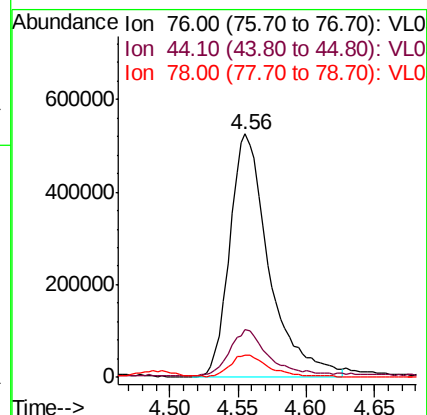
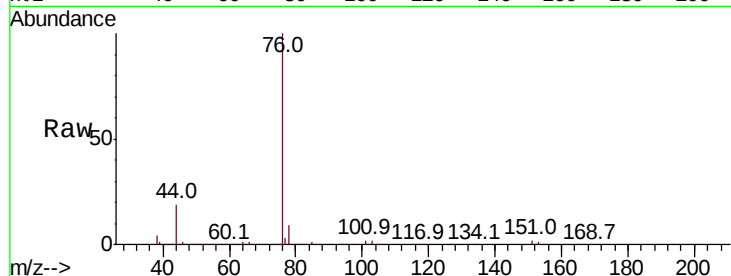
Acq: 18 Nov 2021 13:41

Tot Ion:

Ion	Ratio
76	100
44	19.0
78	9.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28

Methyl tert-Butyl Ether

Concen: 9.781 ppbv

RT: 5.04 min Scan# 700

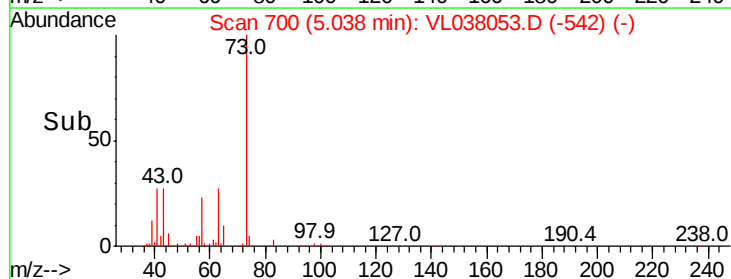
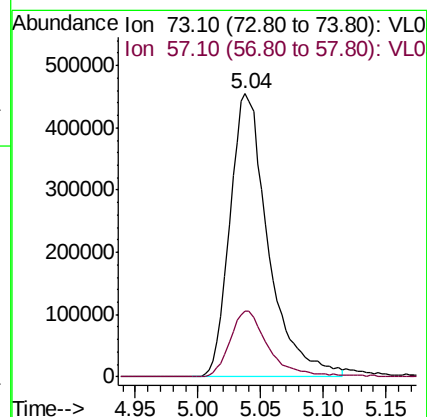
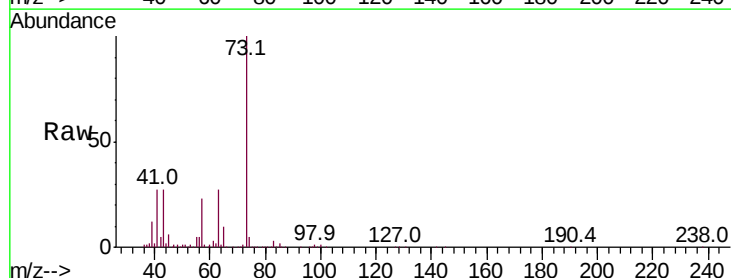
Delta R.T. 0.01 min

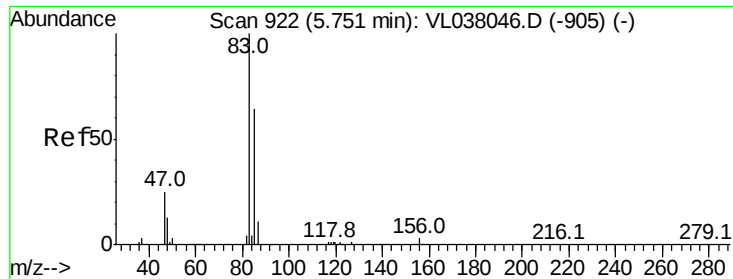
Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion: 73 Resp: 966467

Ion	Ratio	Lower	Upper
73	100		
57	24.0	19.0	28.4



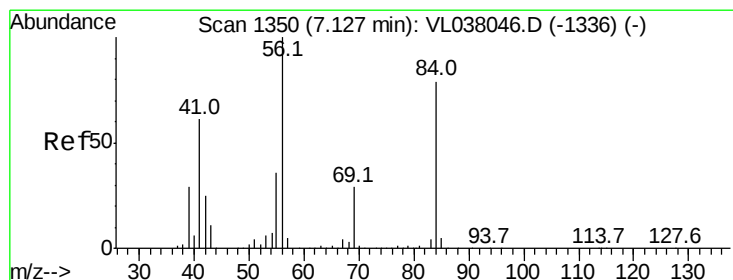
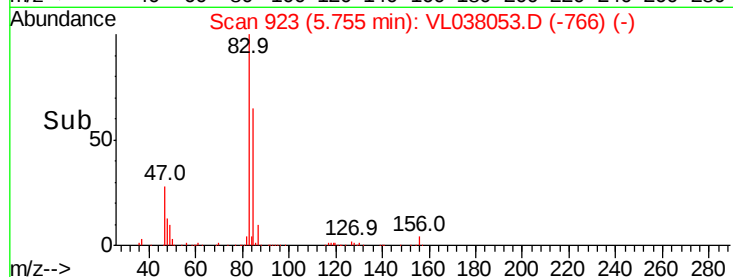
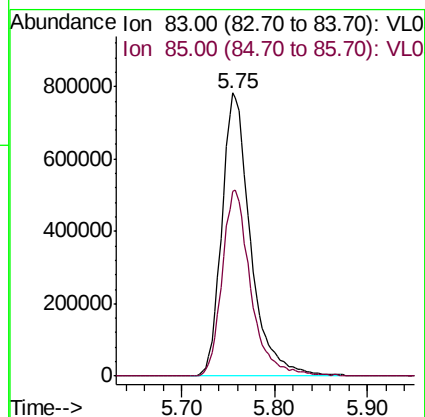
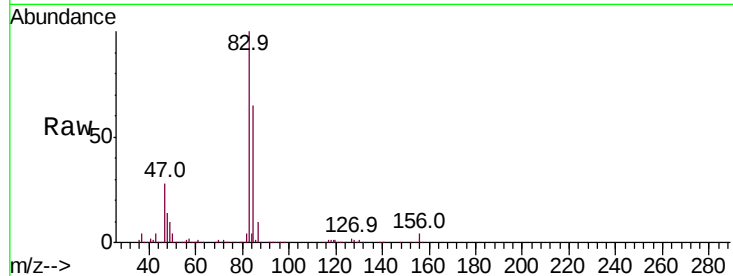


#29
Chloroform
Concen: 9.787 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
83 100
85 65.

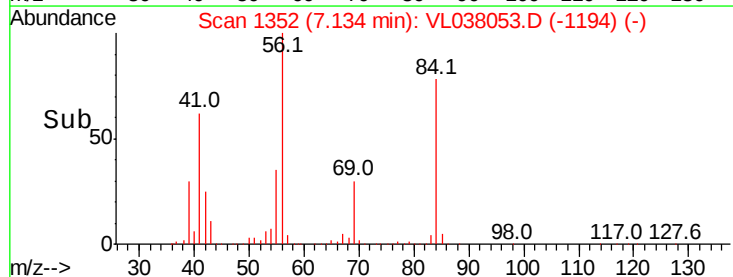
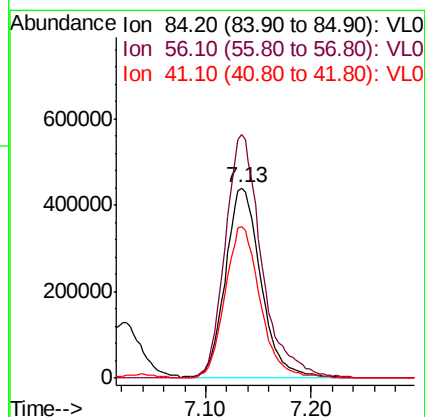
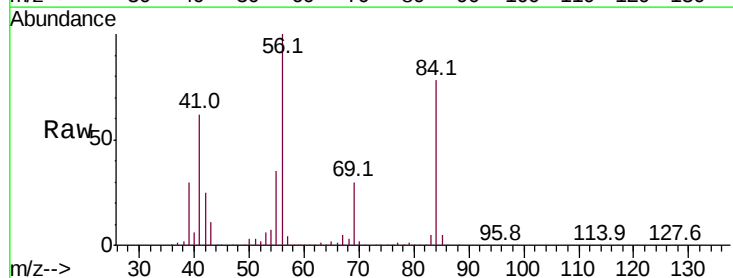
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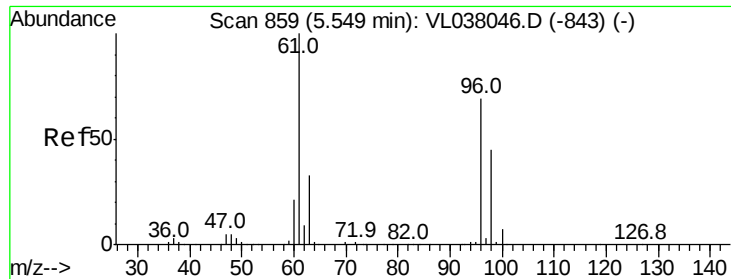
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 9.611 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 84 Resp: 1014948
Ion Ratio Lower Upper
84 100
56 133.6 108.1 162.1
41 80.2 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.944 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

61 100

96 67.

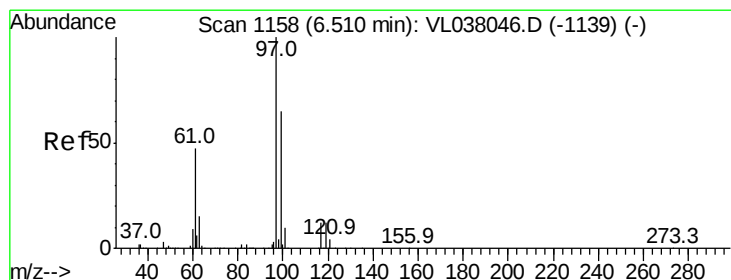
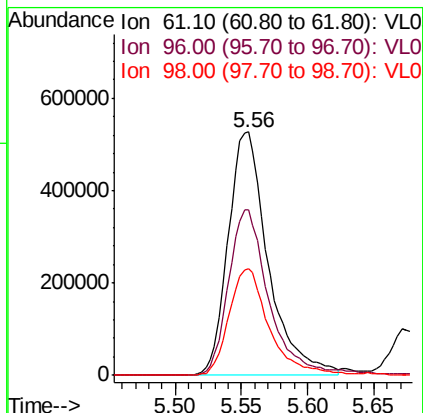
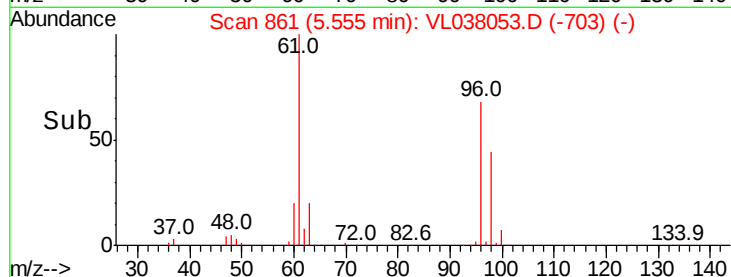
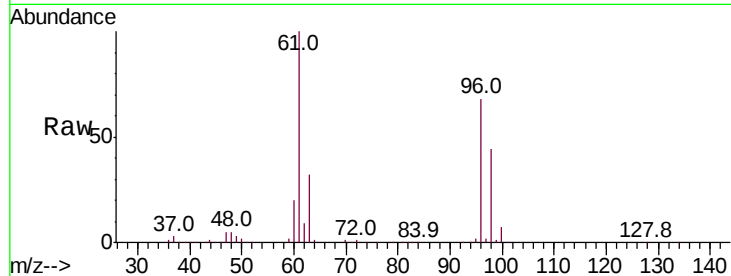
98 44.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.856 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.00 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

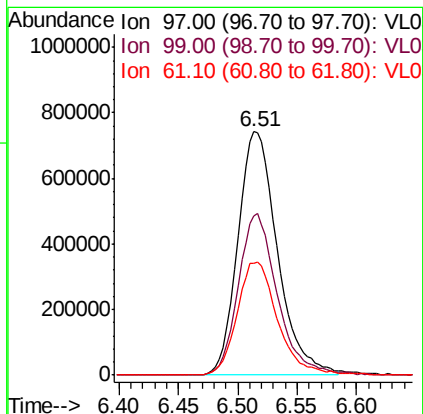
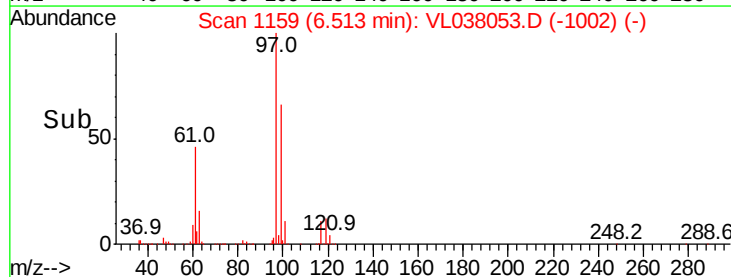
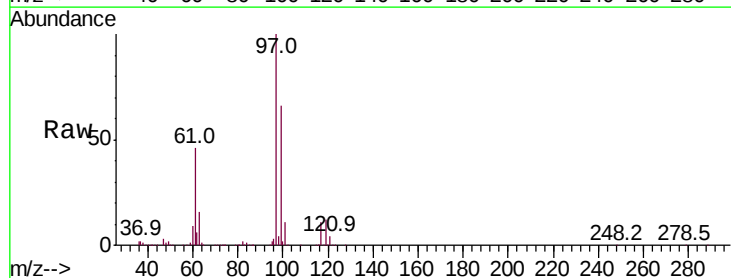
Tgt Ion: 97 Resp: 1714893

Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.4

61 47.7 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: ICVVL111821

Acq: 18 Nov 2021 13:41

Tot Ion: 1

Ion Ratio

114 100

63 24.

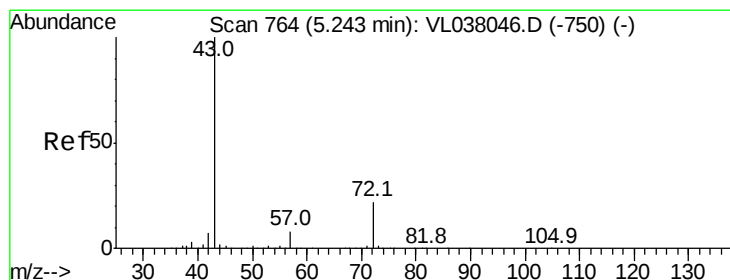
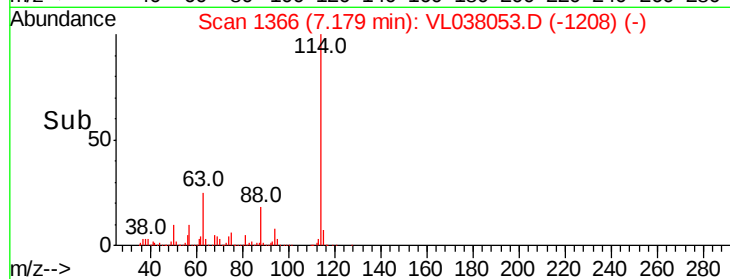
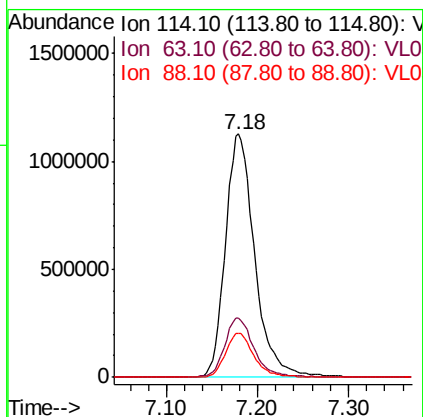
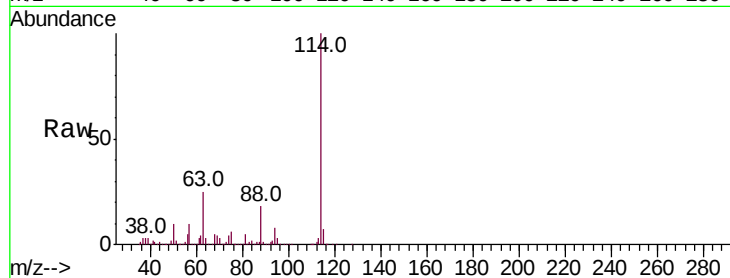
88 17.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021

Supervised By : Mahesh Dadoda 11/29/2021



#34

2-Butanone

Concen: 10.361 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.01 min

Lab File: VL038053.D

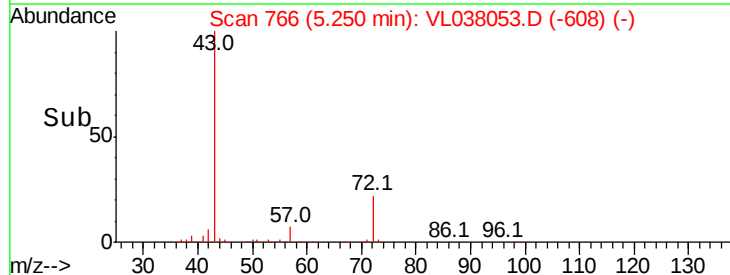
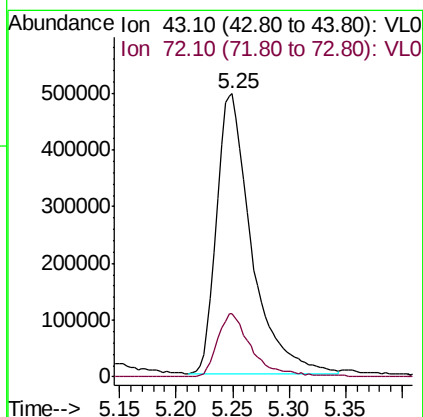
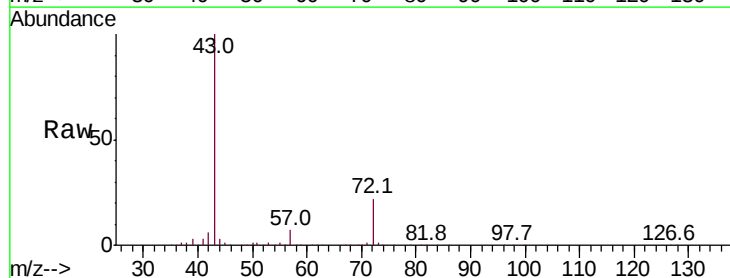
Acq: 18 Nov 2021 13:41

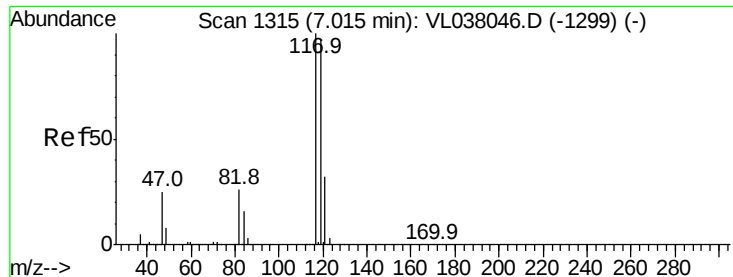
Tgt Ion: 43 Resp: 1053270

Ion Ratio Lower Upper

43 100

72 22.7 18.8 28.2



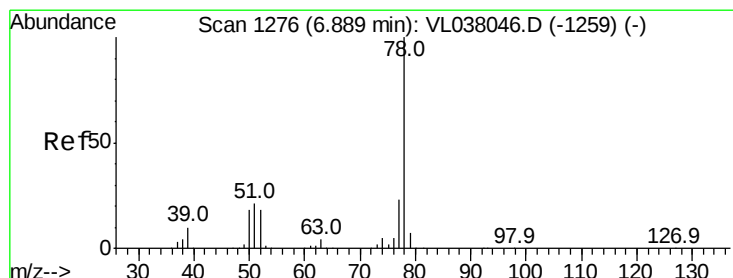
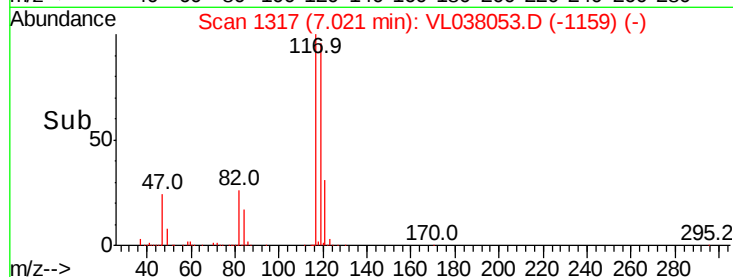
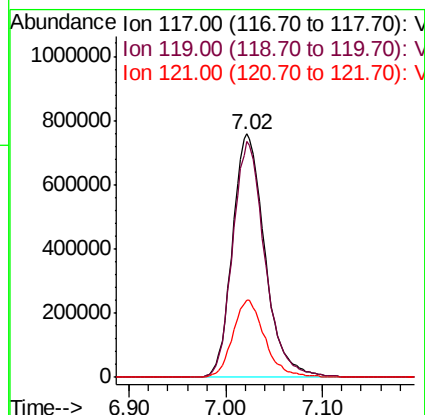
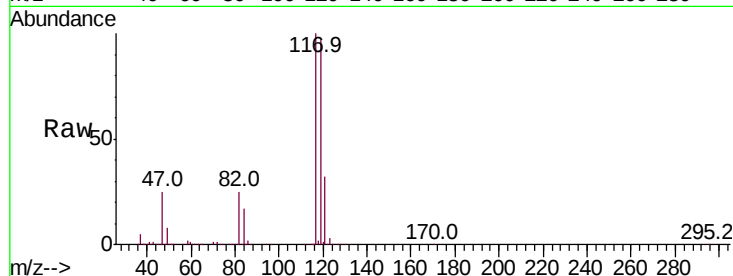


#35
Carbon Tetrachloride
Concen: 9.963 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

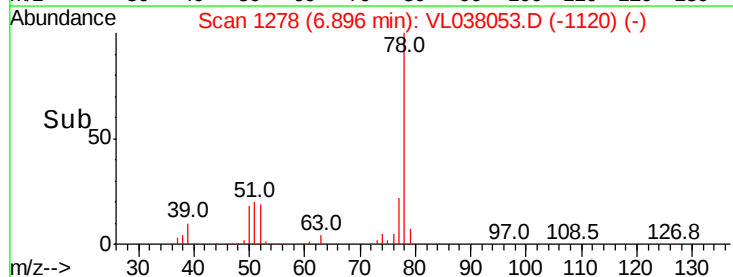
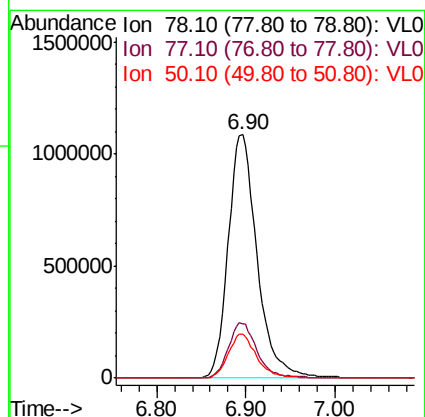
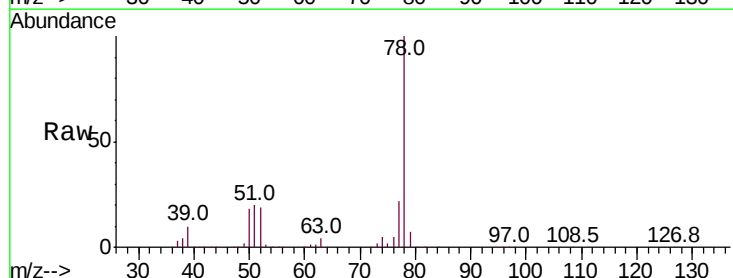
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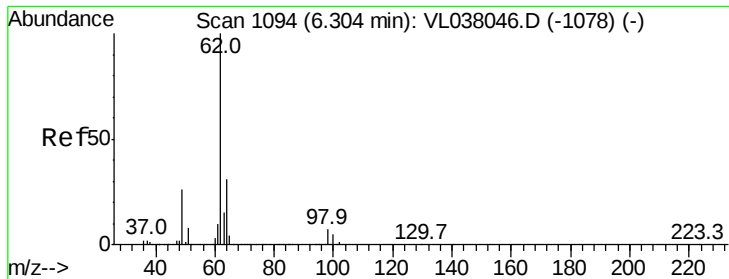
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 9.713 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 78 Resp: 2442669
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.4
50 17.8 14.7 22.1



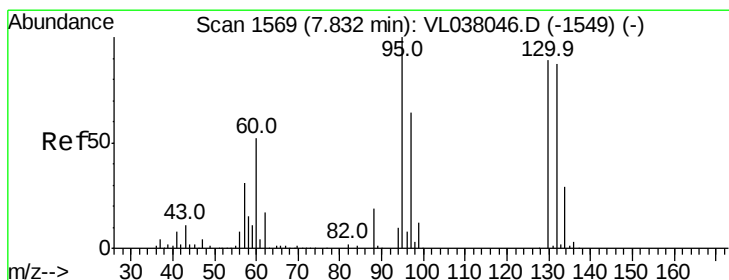
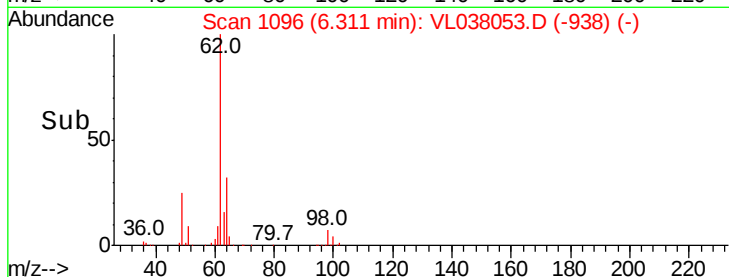
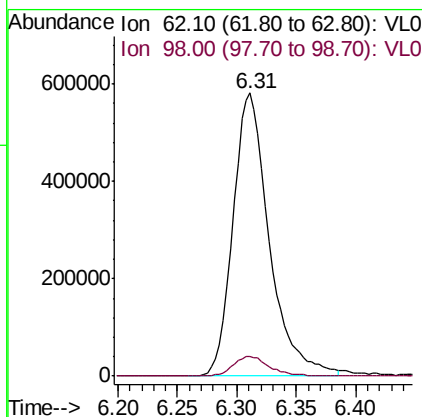
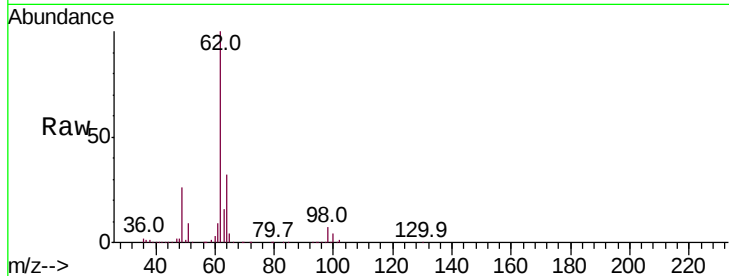


#37
 1,2-Dichloroethane
 Concen: 10.097 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 13:41

Tot Ion:
 Ion Ratio
 62 100
 98 7.

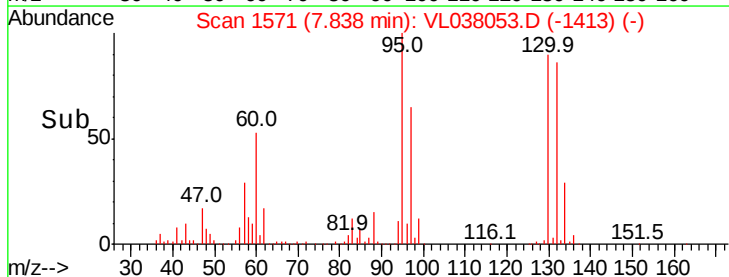
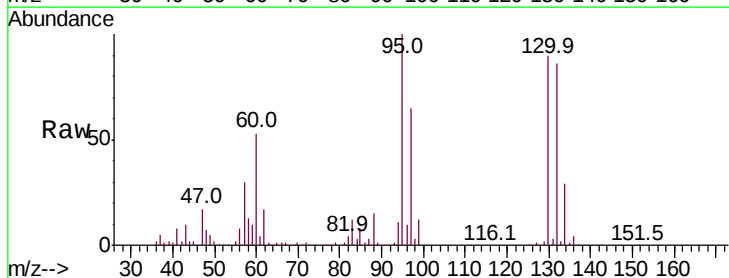
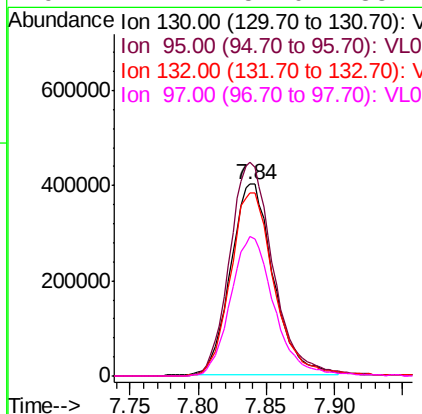
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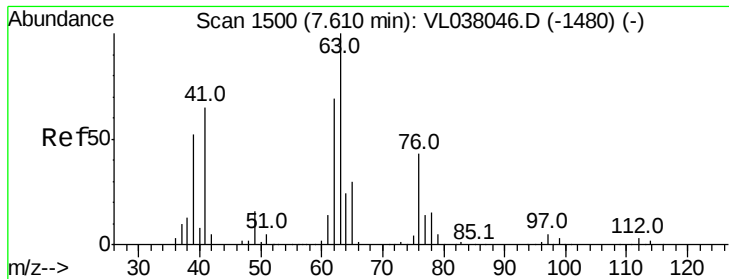
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 9.248 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:130 Resp: 877270
 Ion Ratio Lower Upper
 130 100
 95 111.9 89.4 134.2
 132 95.8 78.2 117.2
 97 72.7 57.0 85.4



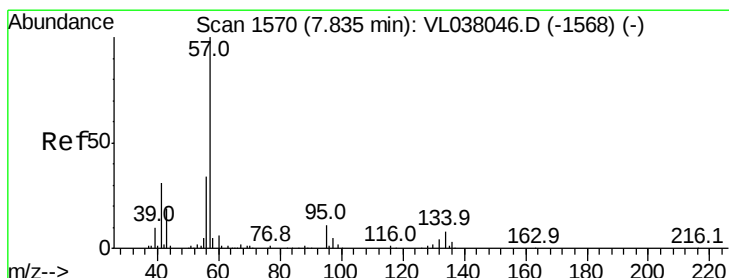
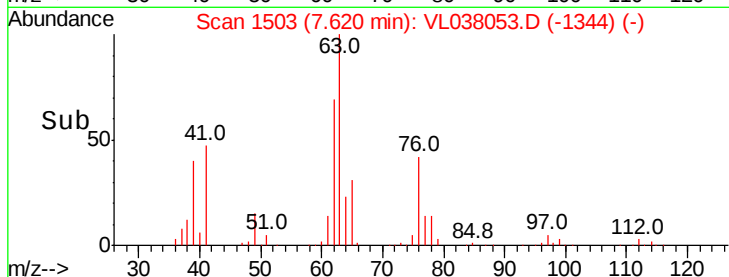
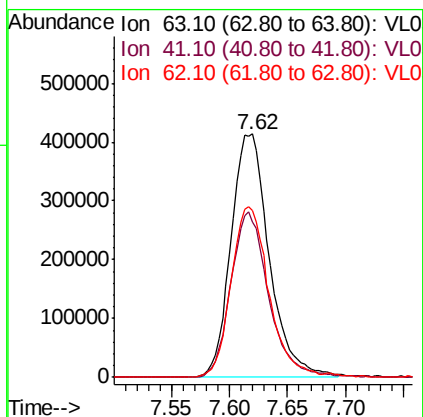
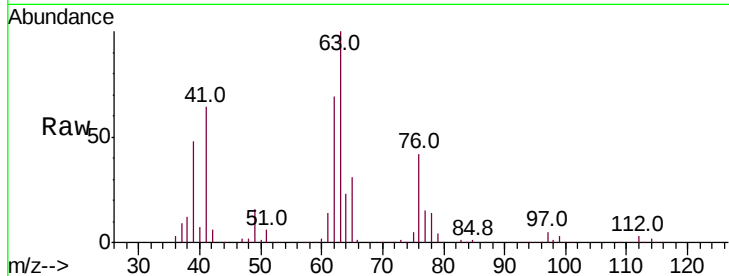


#39
 1,2-Dichloropropane
 Concen: 9.797 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

Tot Ion:
 Ion Ratio
 63 100
 41 63.
 62 68.

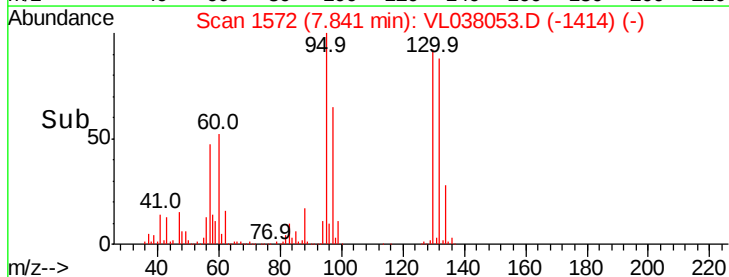
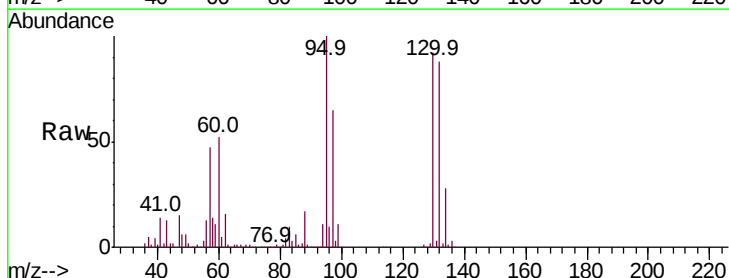
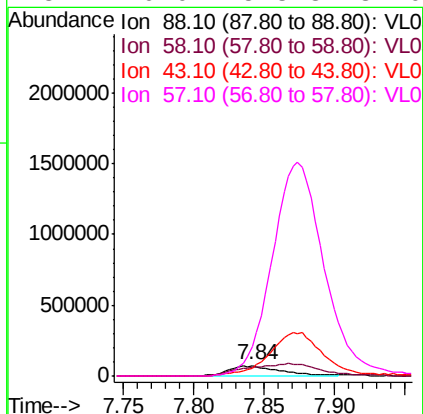
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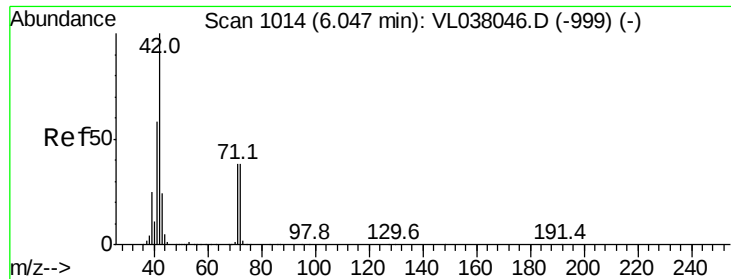
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 7.526 ppbv m
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 88 Resp: 189163
 Ion Ratio Lower Upper
 88 100
 58 0.0 229.2 343.8#
 43 0.0 553.3 829.9#
 57 0.0 2513.8 3770.8#



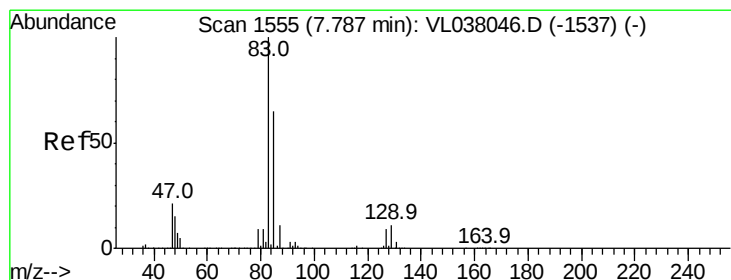
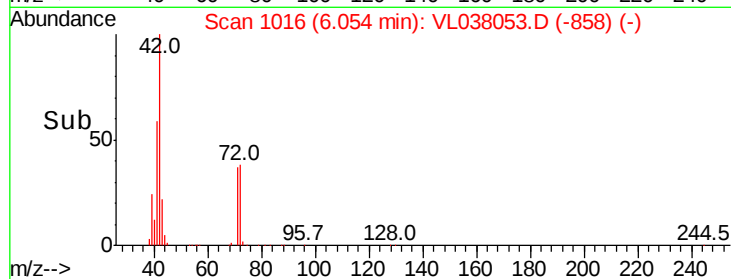
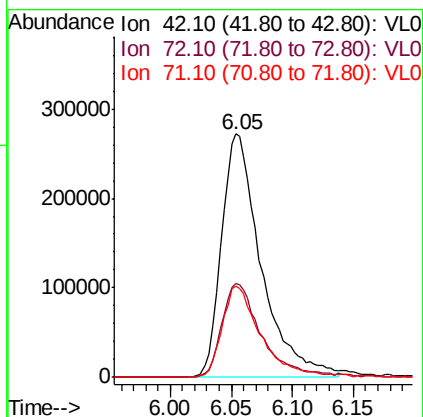
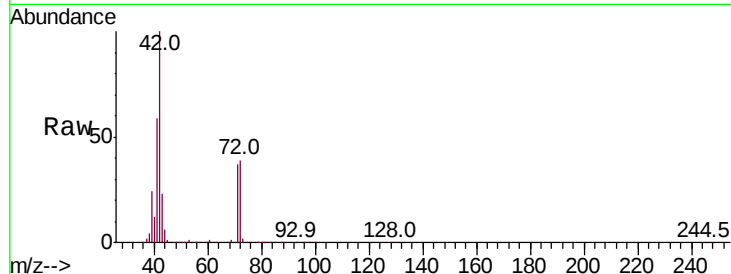


#41
Tetrahydrofuran
Concen: 9.739 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
42 100
72 39.
71 37.

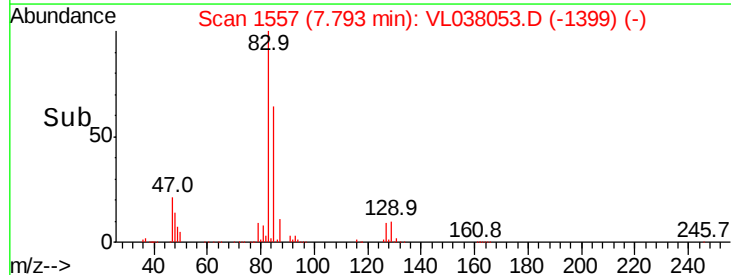
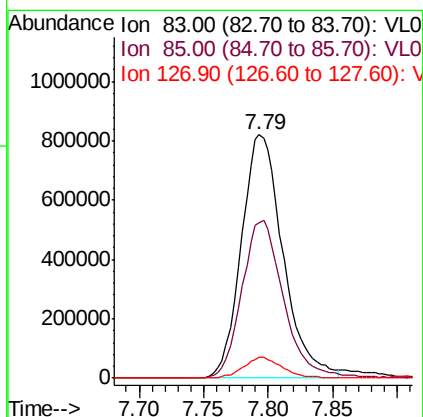
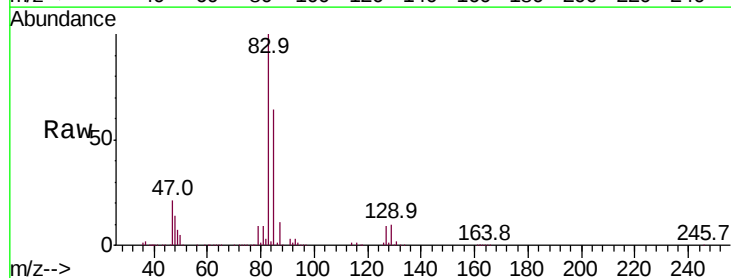
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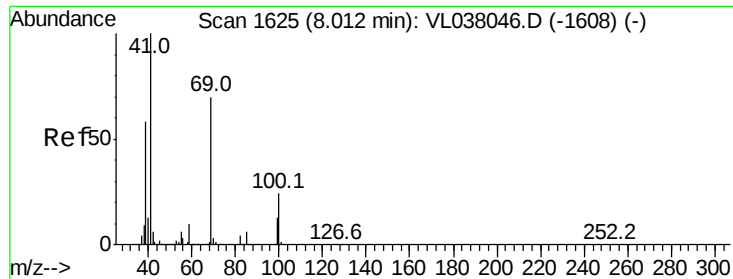
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 10.004 ppbv
RT: 7.79 min Scan# 1557
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 83 Resp: 1847198
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9
127 8.7 6.8 10.2



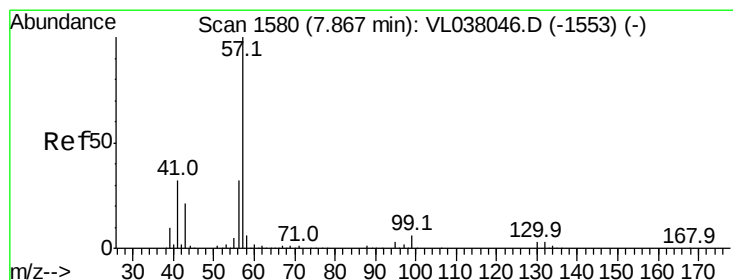
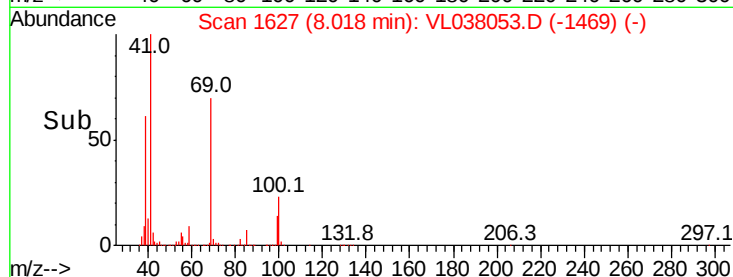
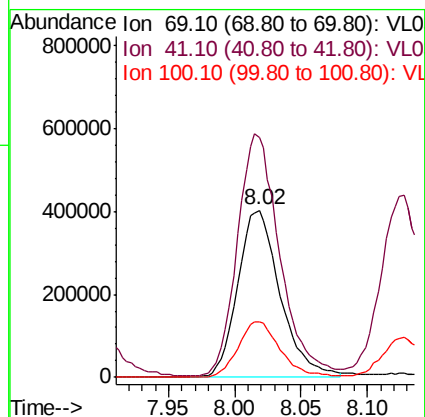
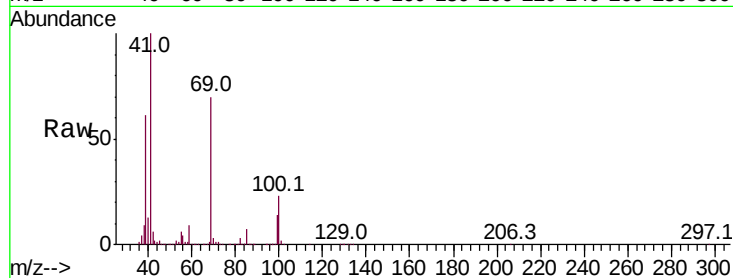


#43
Methvl Methacrvlate
Concen: 10.462 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
69 100
41 145.
100 33.

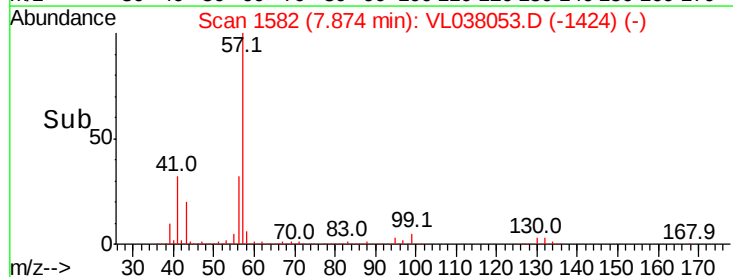
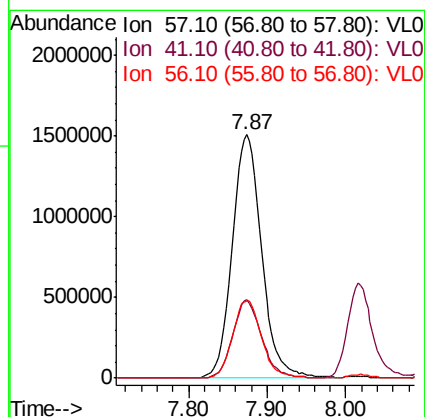
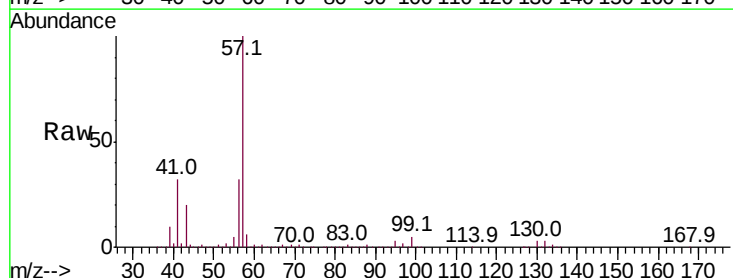
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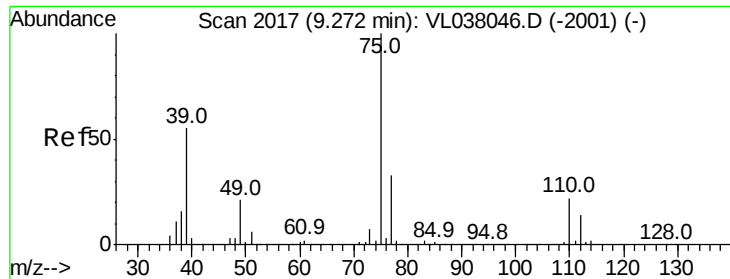
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
2,2,4-Trimethylpentane
Concen: 9.311 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 57 Resp: 3917730
Ion Ratio Lower Upper
57 100
41 31.6 25.8 38.6
56 31.6 25.6 38.4



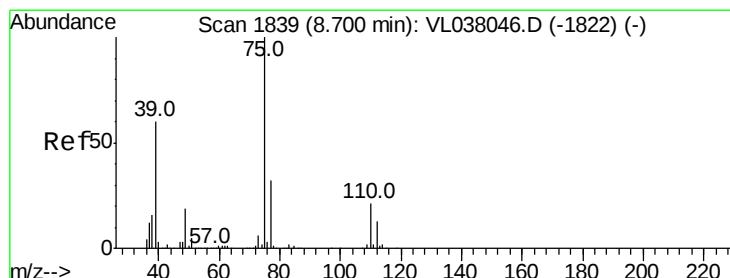
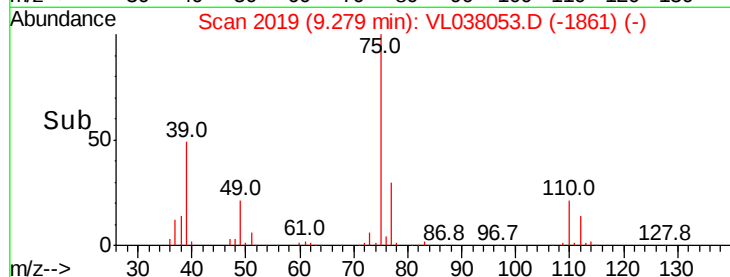
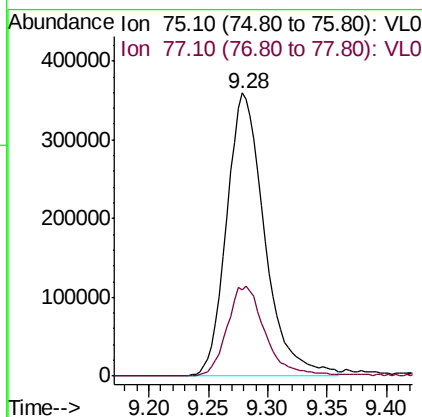
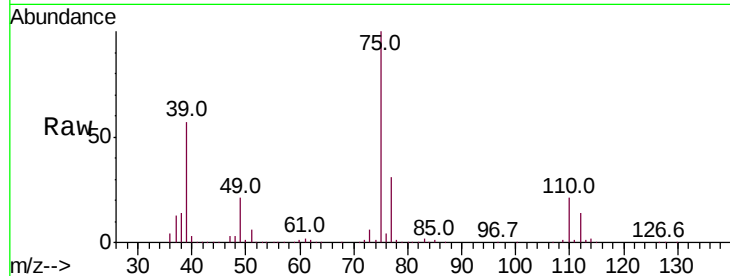


#45
 t-1,3-Dichloropropene
 Concen: 11.492 ppbv
 RT: 9.28
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

Tot Ion:
 Ion Rati
 75 100
 77 30.

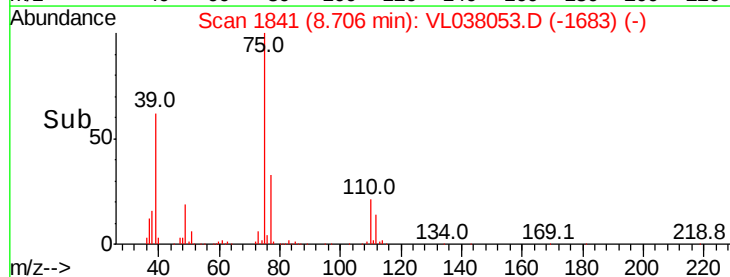
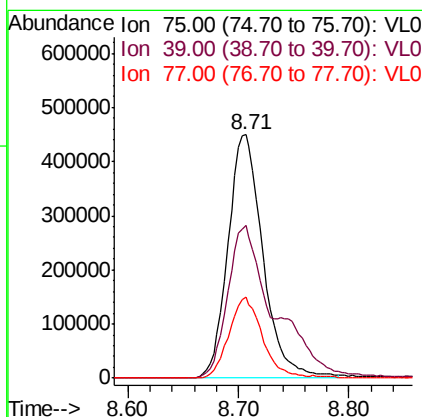
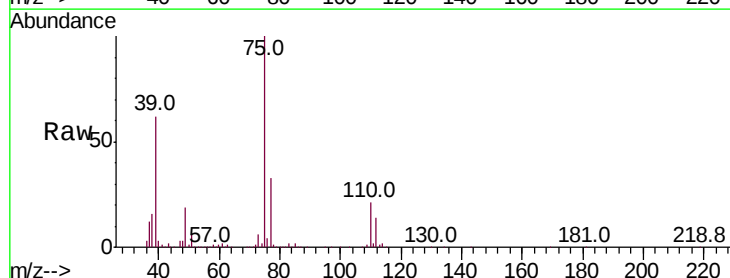
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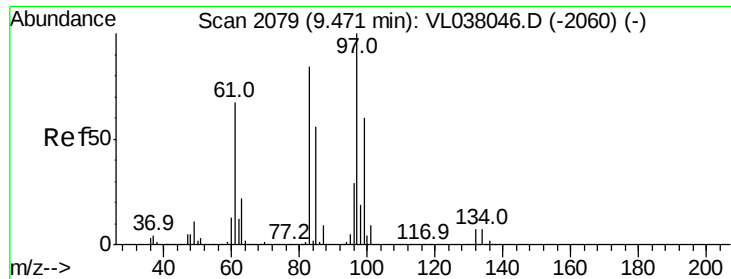
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 10.588 ppbv
 RT: 8.71 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 75 Resp: 988356
 Ion Ratio Lower Upper
 75 100
 39 62.3 47.8 71.8
 77 33.1 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.616 ppbv

RT: 9.48

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id: ICVVL111821

Lab File:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

97 100

83 88.

85 55.

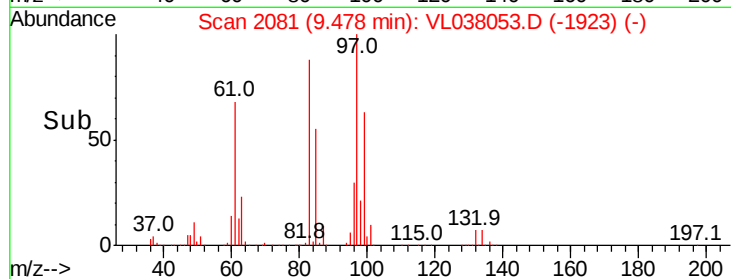
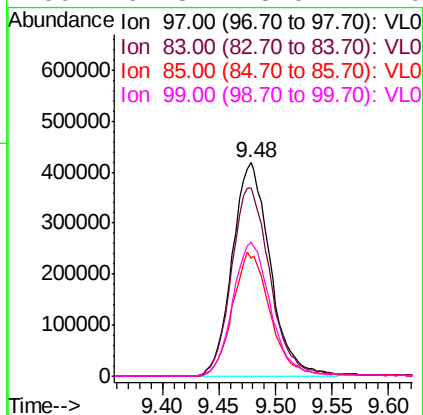
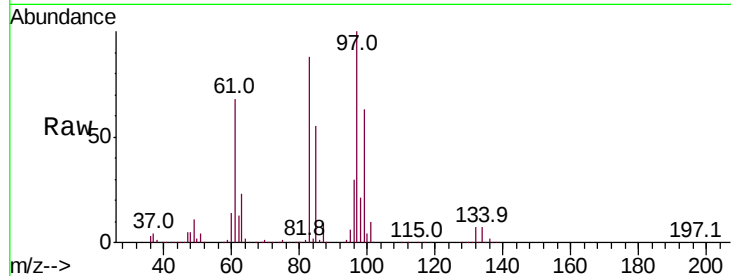
99 62.8 48.0 72.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#48

Dibromochloromethane

Concen: 10.438 ppbv

RT: 10.30 min Scan# 2338

Delta R.T. 0.01 min

Lab File: VL038053.D

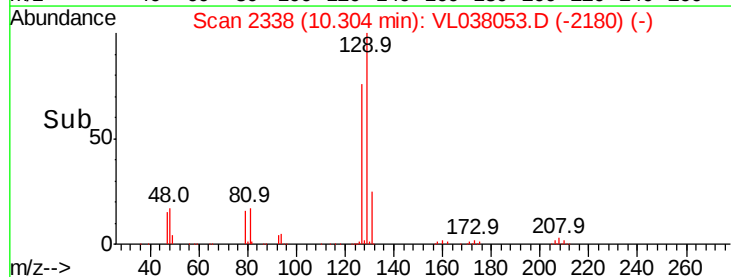
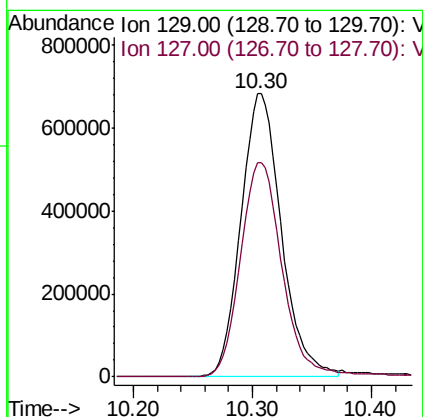
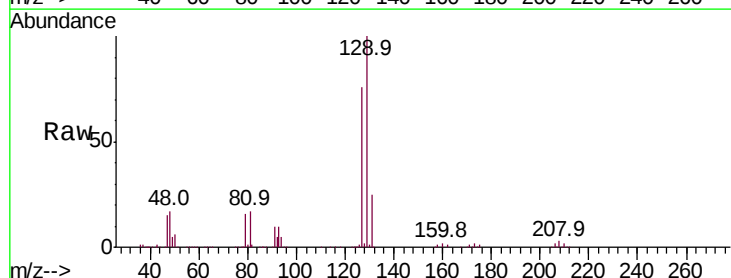
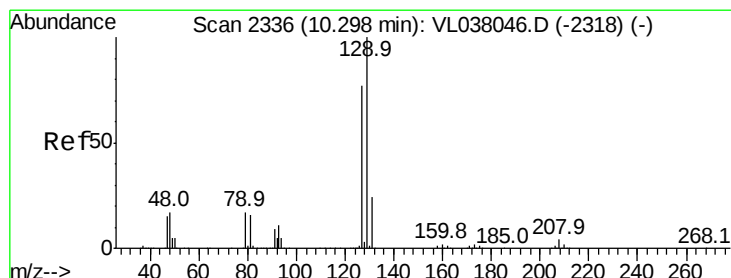
Acq: 18 Nov 2021 13:41

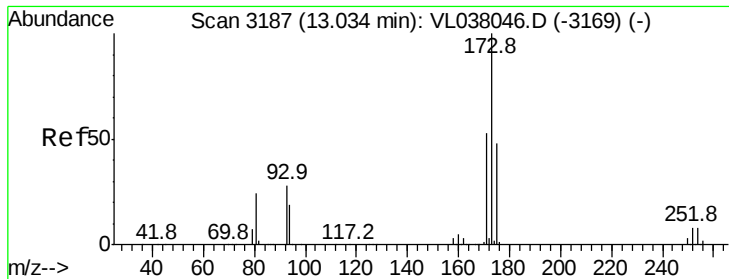
Tgt Ion:129 Resp: 1606084

Ion Ratio Lower Upper

129 100

127 80.1 39.4 118.1





#49

Bromoform

Concen: 10.541 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion:1

Ion Rati

173 100

175 54.

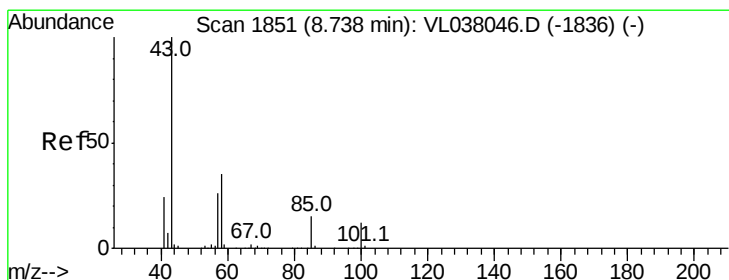
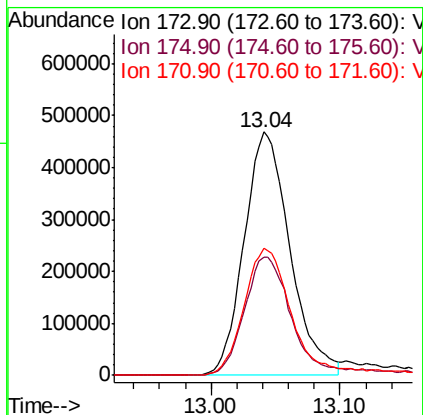
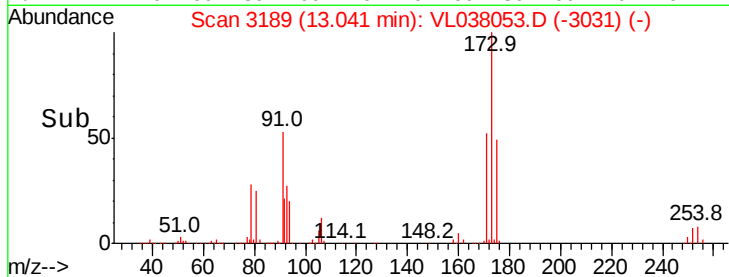
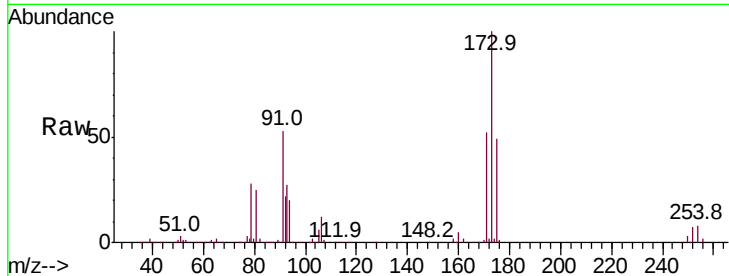
171 57.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#50

4-Methyl-2-Pentanone

Concen: 10.174 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038053.D

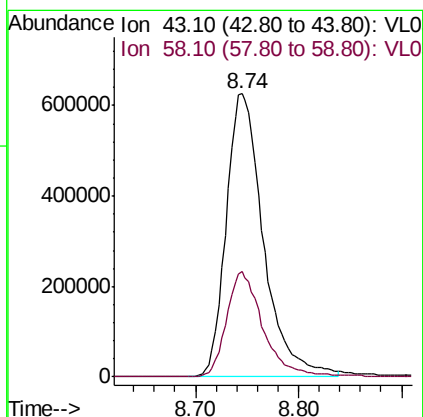
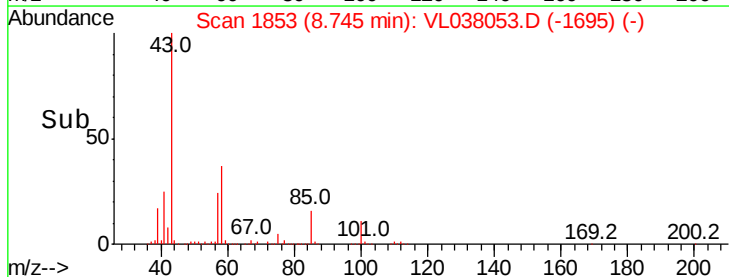
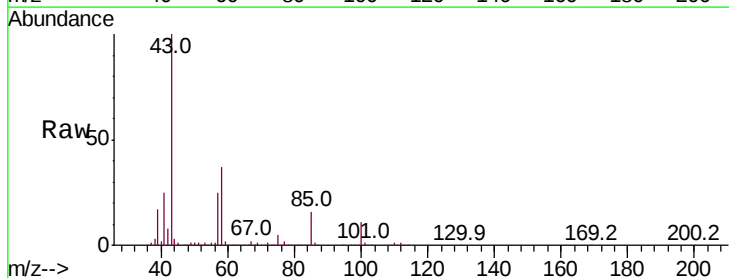
Acq: 18 Nov 2021 13:41

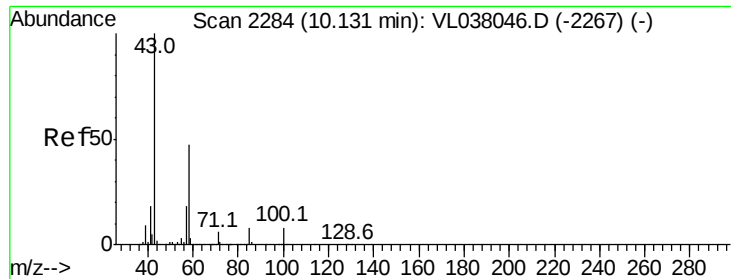
Tgt Ion: 43 Resp: 1570711

Ion Ratio Lower Upper

43 100

58 36.9 29.4 44.2



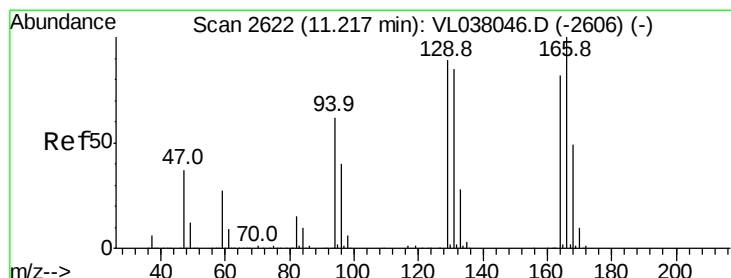
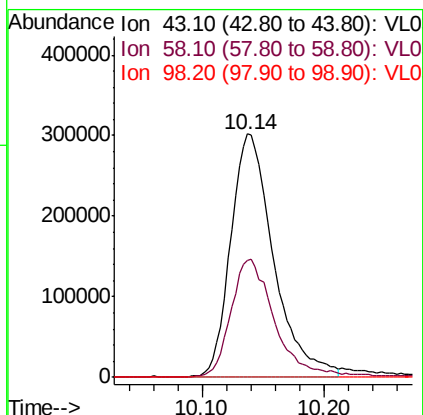
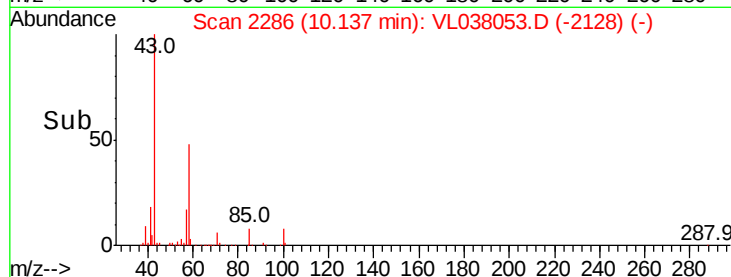
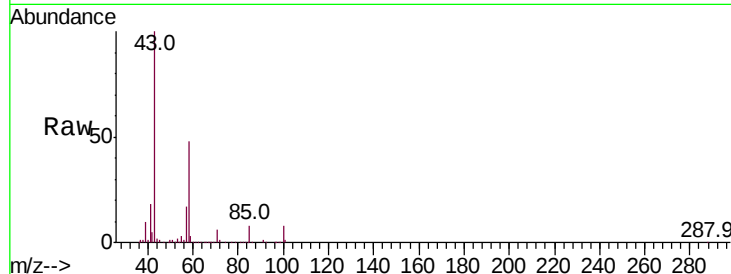


#51
2-Hexanone
Concen: 10.120 ppbv
RT: 10.14
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

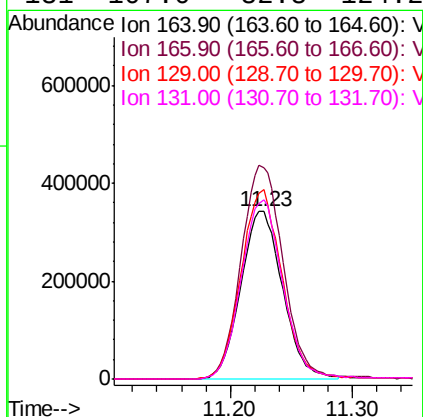
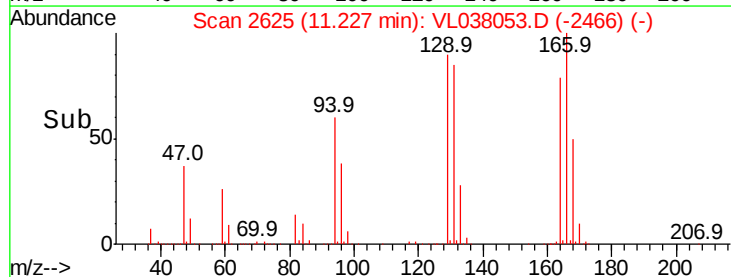
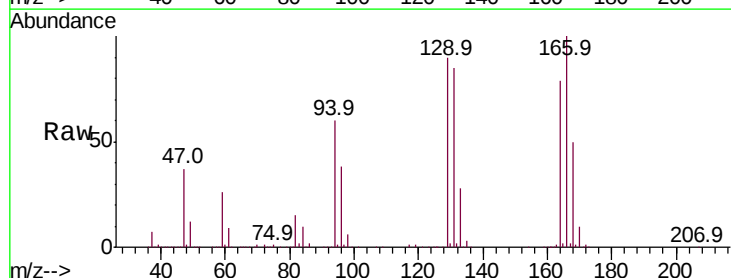
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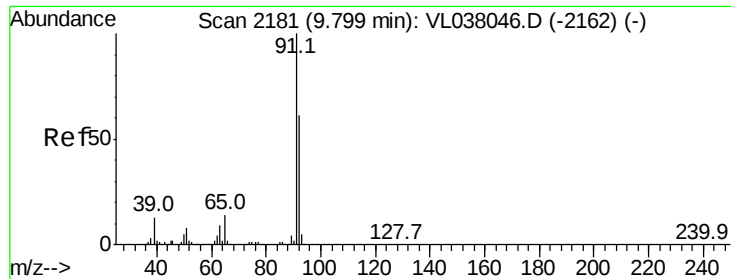
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
Tetrachloroethene
Concen: 8.696 ppbv
RT: 11.23 min Scan# 2625
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:164 Resp: 809166
Ion Ratio Lower Upper
164 100
166 126.1 97.2 145.8
129 113.5 86.9 130.3
131 107.0 82.8 124.2





#53

Toluene

Concen: 9.635 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

91 100

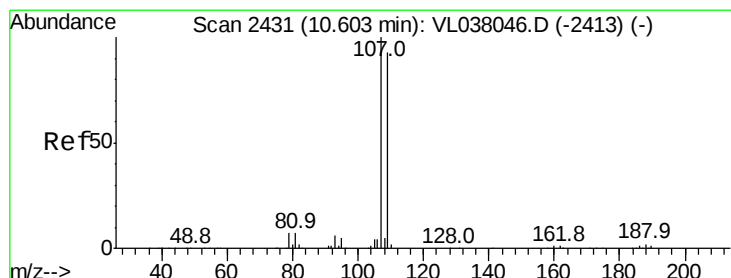
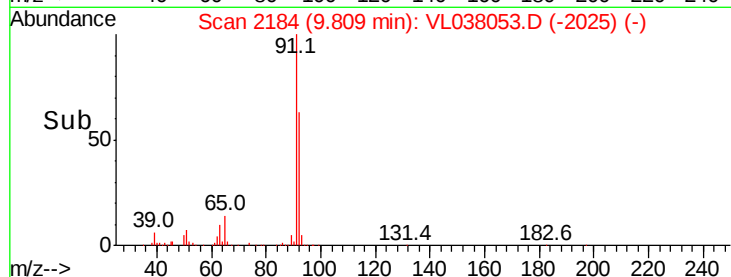
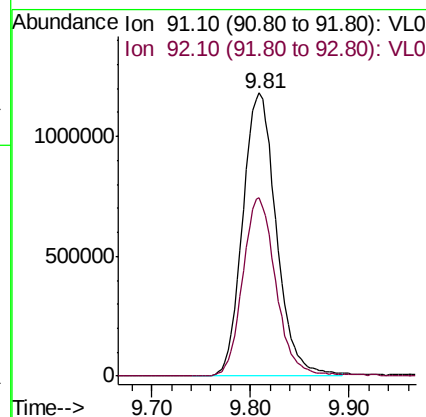
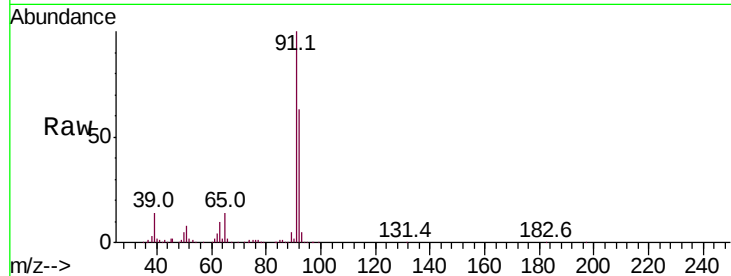
92 62.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 9.906 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.01 min

Lab File: VL038053.D

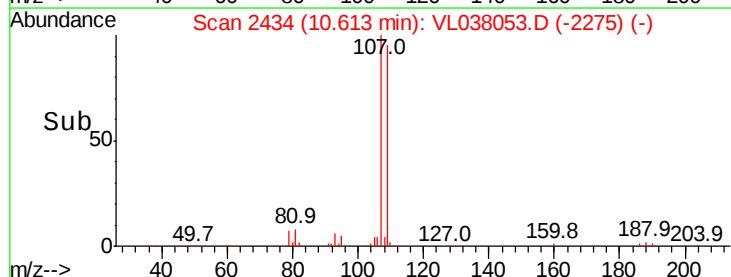
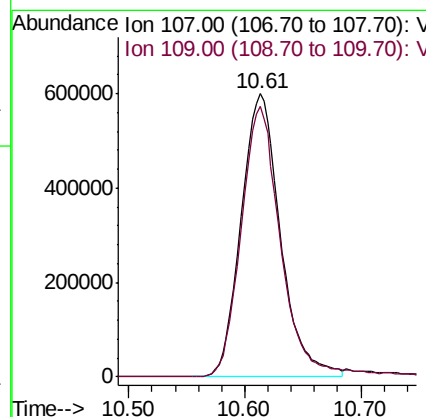
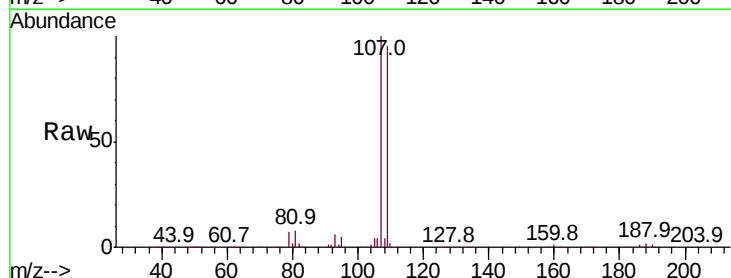
Acq: 18 Nov 2021 13:41

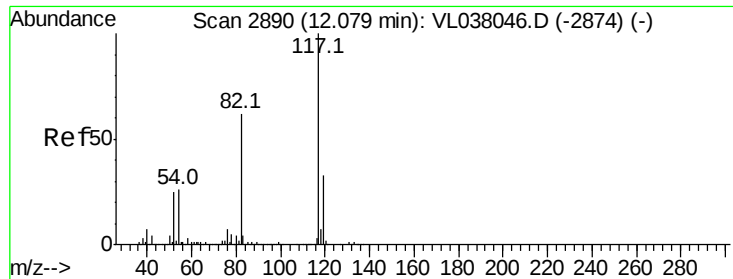
Tgt Ion:107 Resp: 1413733

Ion Ratio Lower Upper

107 100

109 95.5 74.6 111.8



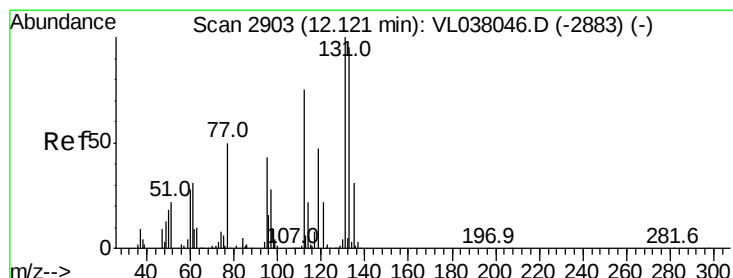
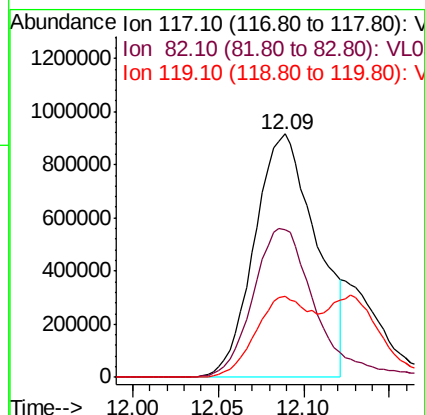
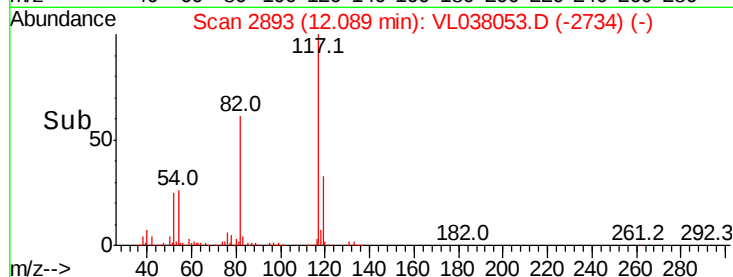
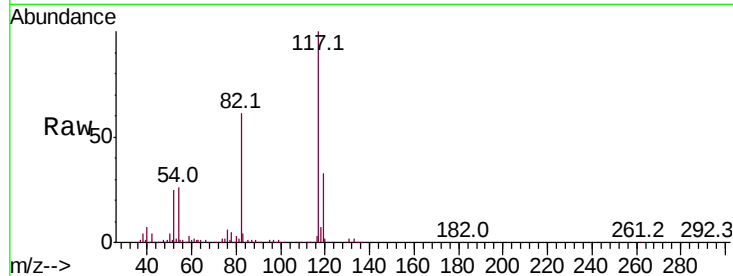


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 13:41

Tot Ion:1
Ion Rati
117 100
82 64.
119 32.

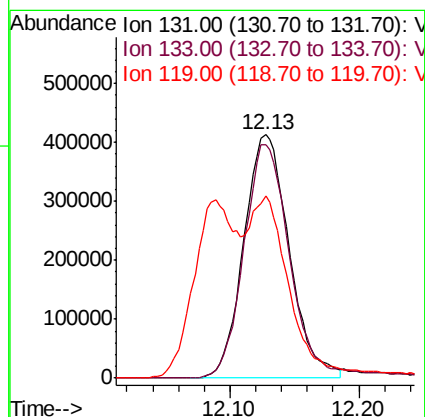
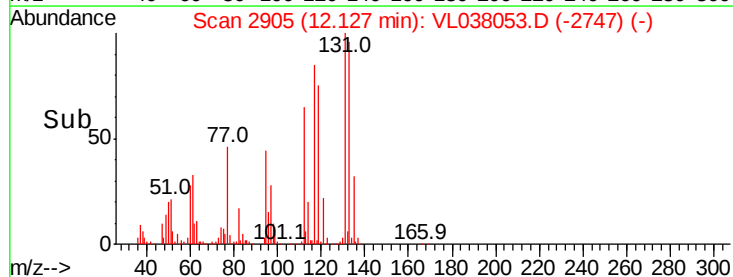
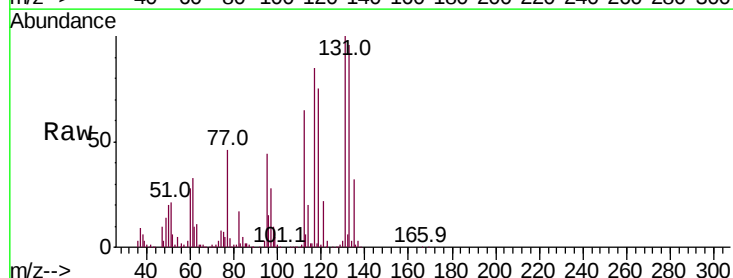
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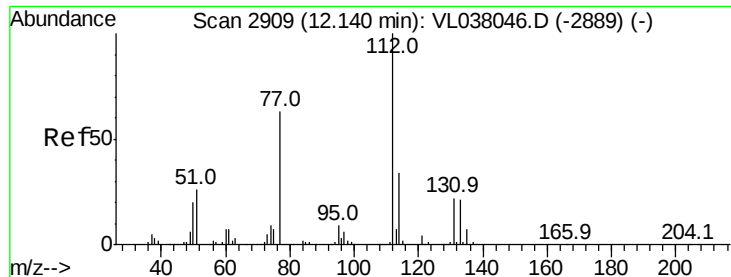
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.649 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:131 Resp: 1007286
Ion Ratio Lower Upper
131 100
133 101.5 78.8 118.2
119 65.0 56.3 84.5



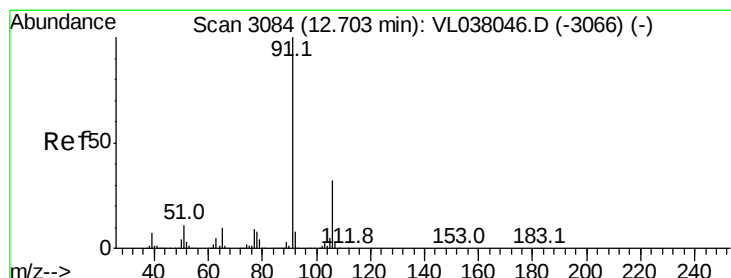
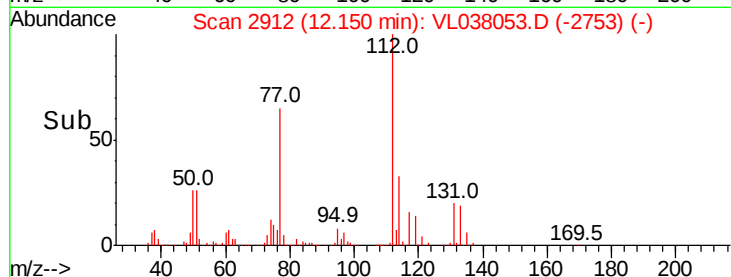
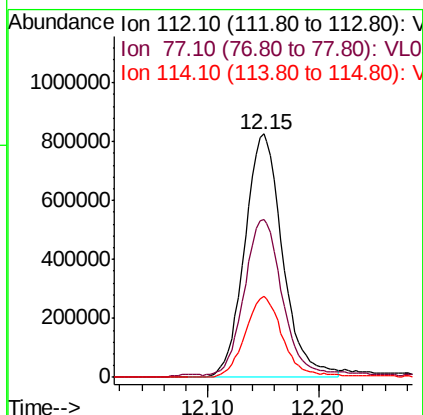
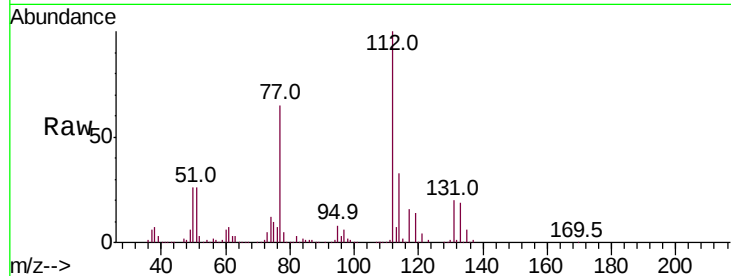


#57
Chlorobenzene
Concen: 9.578 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampled : ICVVL111821
Acq: 18 Nov 2021 13:41

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 33.

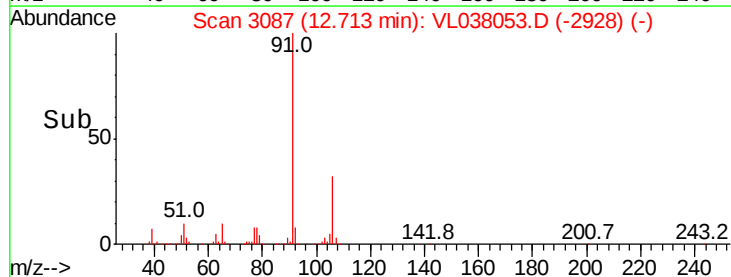
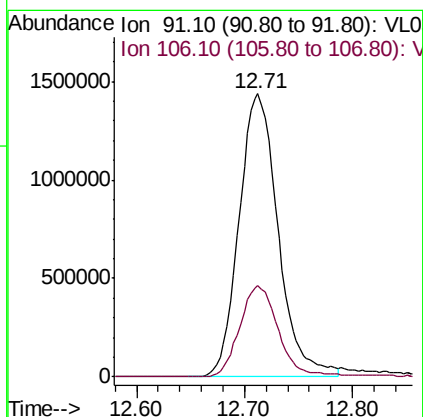
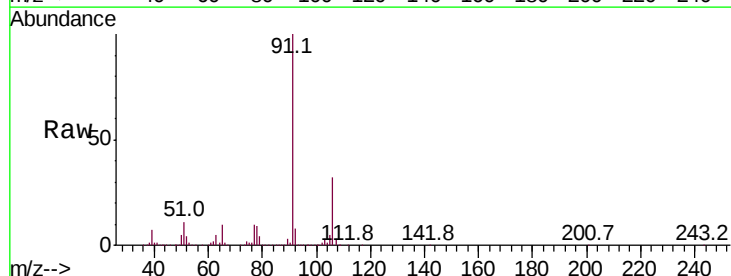
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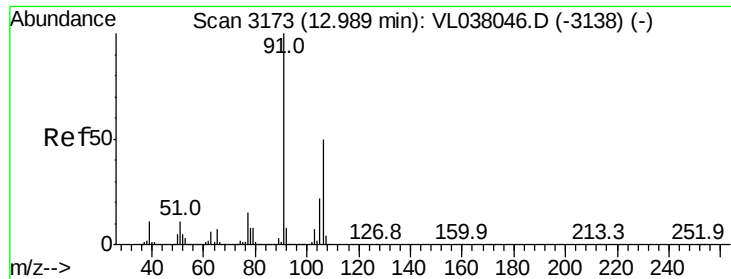
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 9.510 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 3614641
Ion Ratio Lower Upper
91 100
106 32.4 25.8 38.6



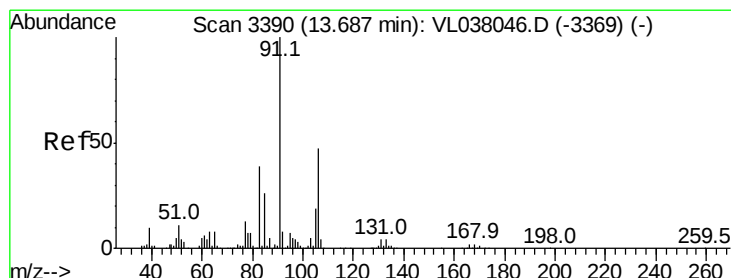
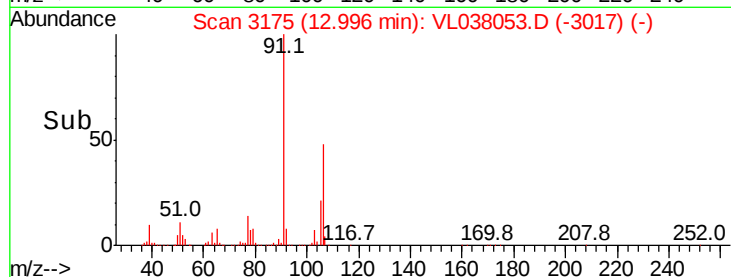
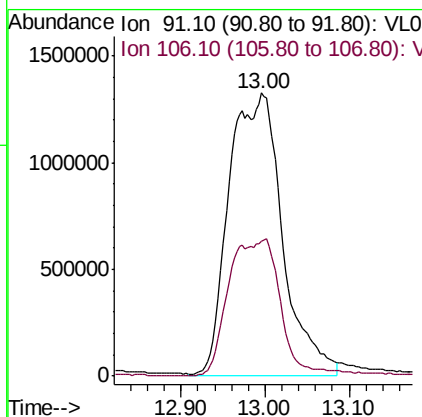
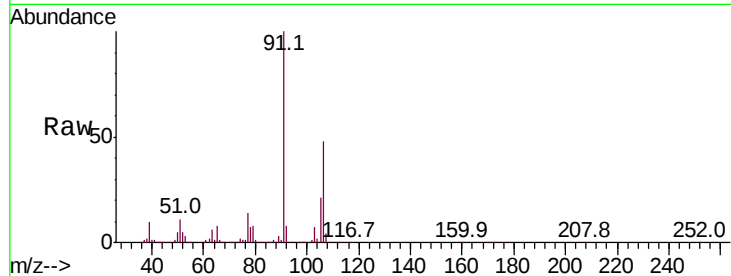


#59
m/p-Xylene
Concen: 18.379 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:
Ion Ratio
91 100
106 47.

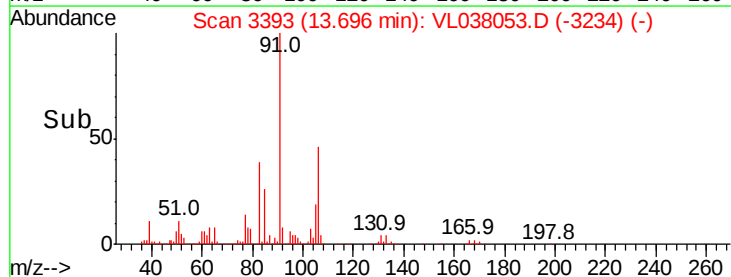
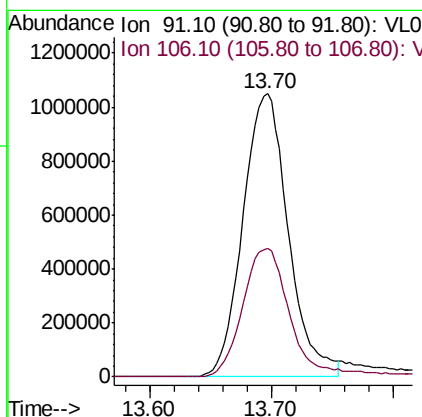
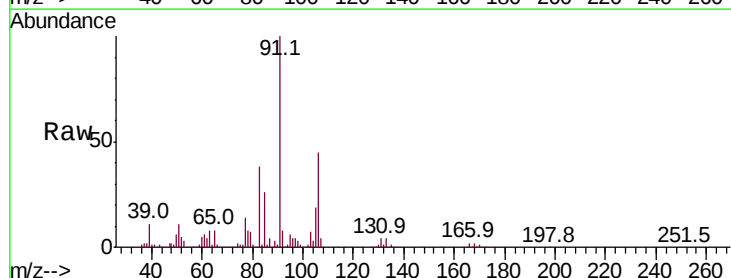
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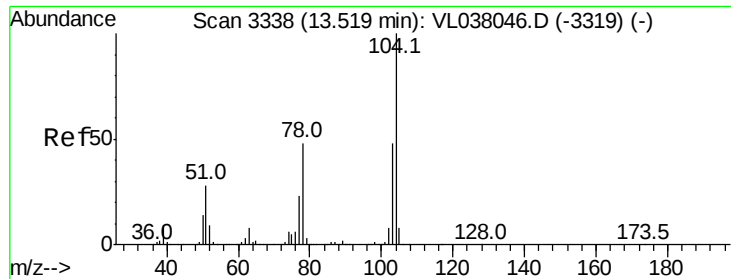
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 9.064 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 2690212
Ion Ratio Lower Upper
91 100
106 49.5 24.2 72.6



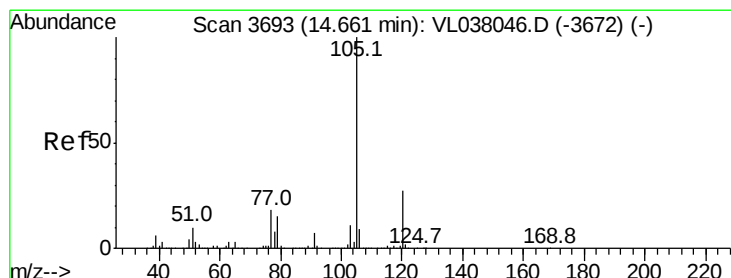
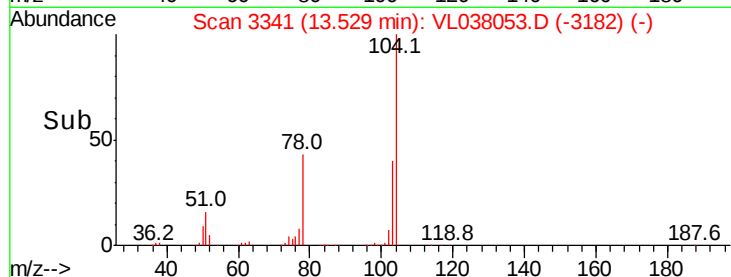
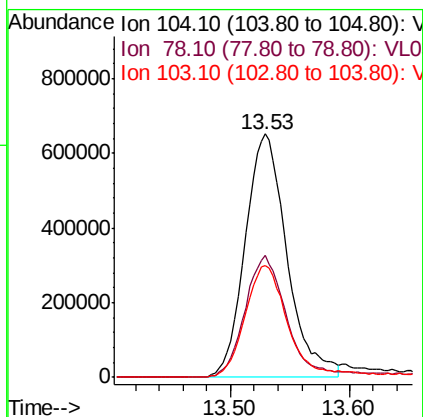
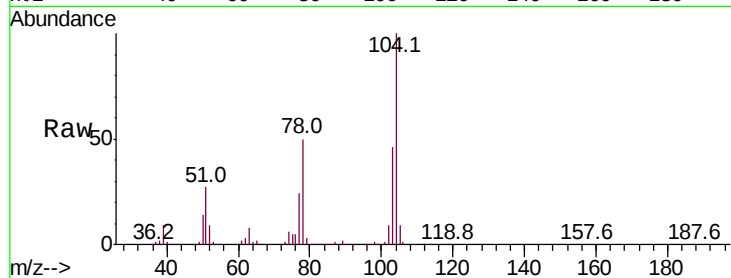


#61
Stvrene
Concen: 9.946 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 18 Nov 2021 13:41

Tot Ion:1
Ion Rati
104 100
78 51.
103 48.

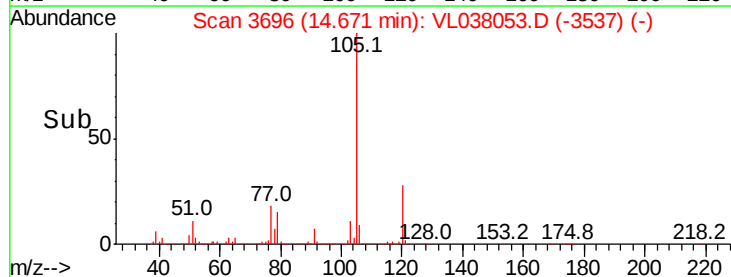
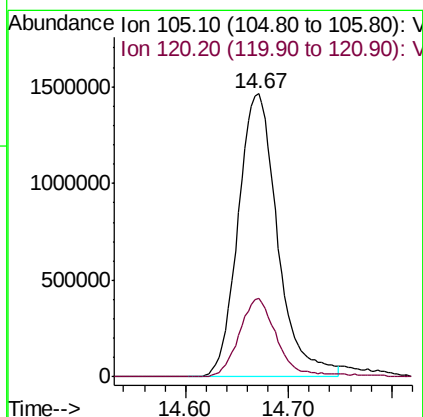
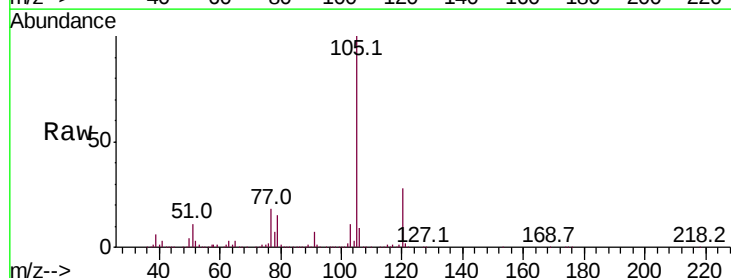
Manual Integrations
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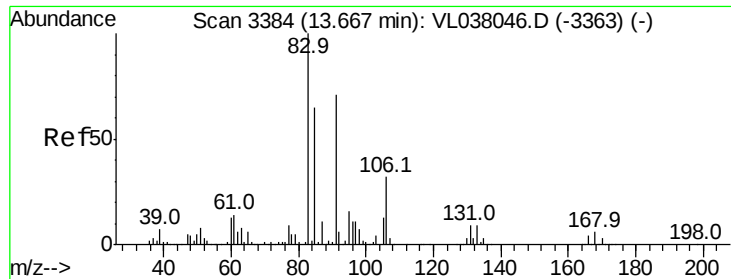
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 9.252 ppbv
RT: 14.67 min Scan# 3696
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:105 Resp: 3897983
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.6



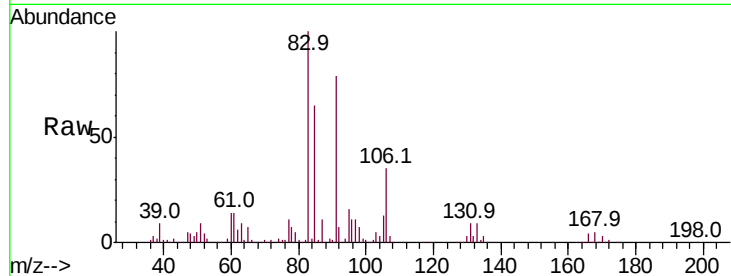


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.865 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 18 Nov 2021 13:41

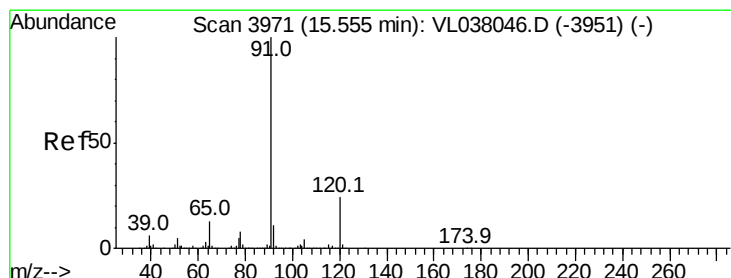
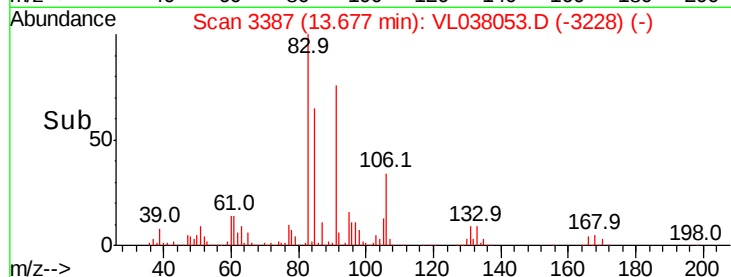
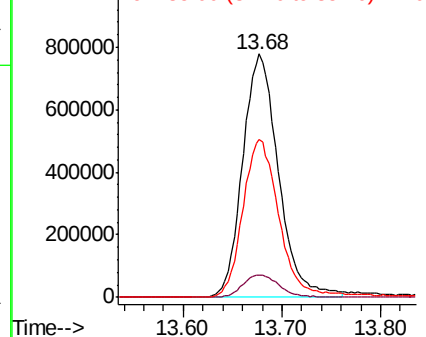
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

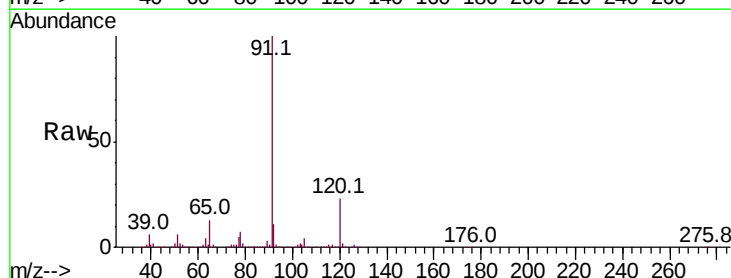


Abundance Ion 83.00 (82.70 to 83.70): VL0
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

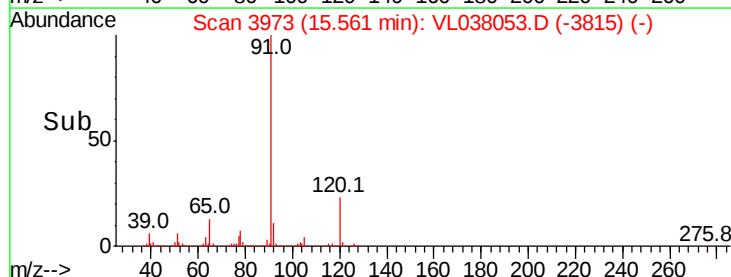
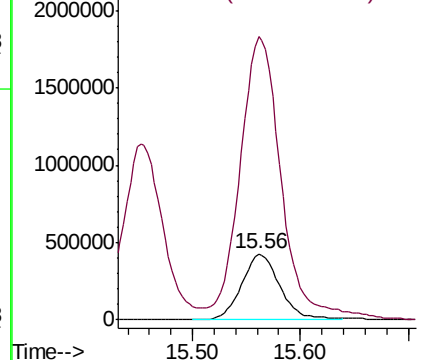


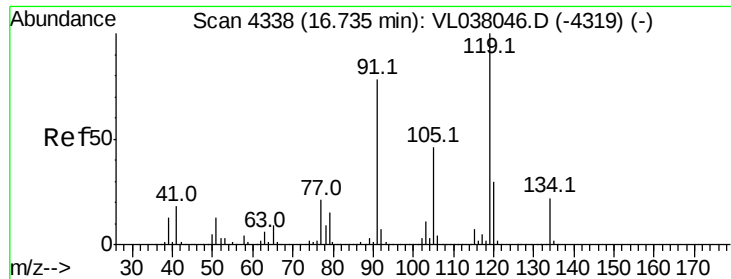
#64
 n-propylbenzene
 Concen: 9.811 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:120 Resp: 1053017
 Ion Ratio Lower Upper
 120 100
 91 465.0 371.7 557.5



Abundance Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0



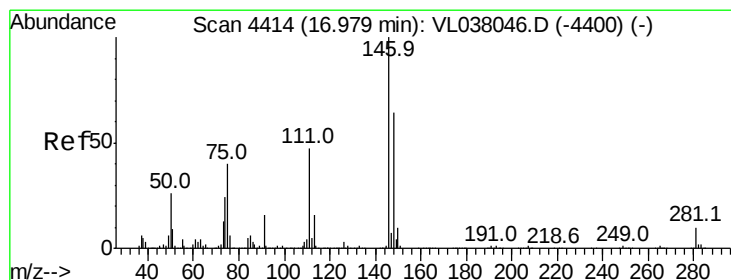
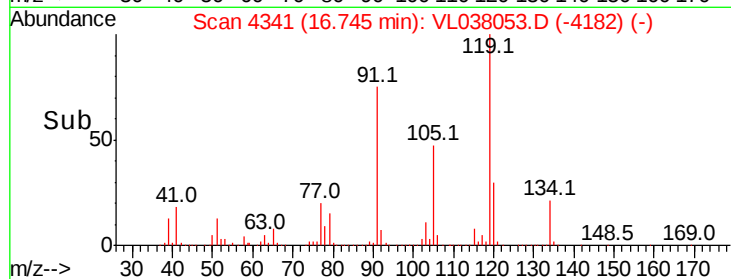
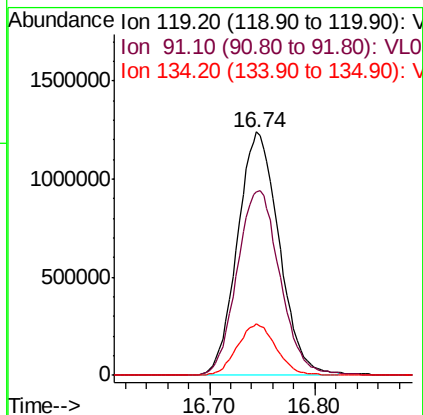
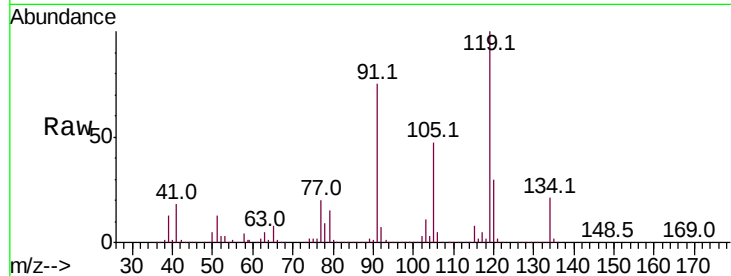


#65
tert-Butylbenzene
Concen: 9.139 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion: 1
Ion Ratio
119 100
91 78.
134 20.

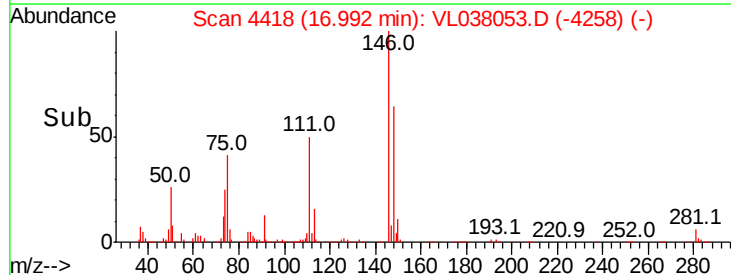
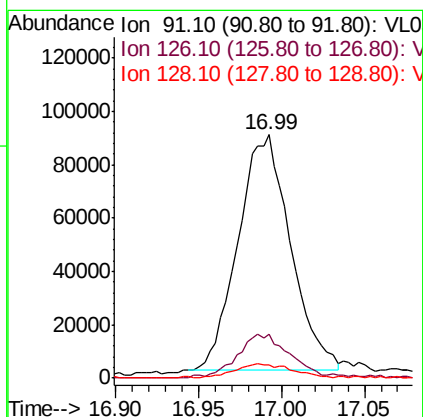
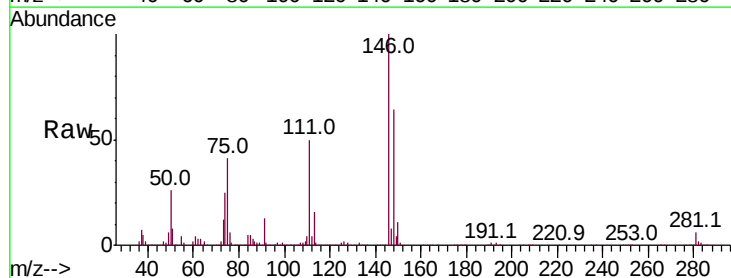
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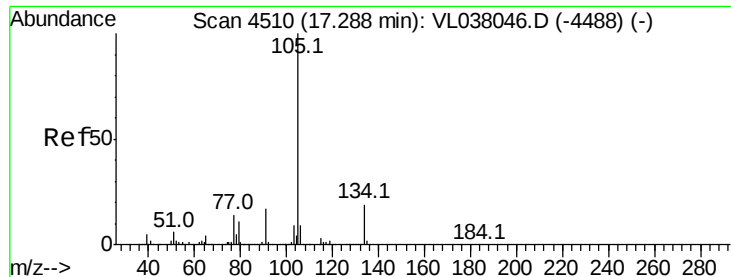
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 10.378 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 195232
Ion Ratio Lower Upper
91 100
126 19.4 15.5 23.3
128 7.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 9.375 ppbv

RT: 17.29

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:41

Tot Ion:1

Ion Ratio

105 100

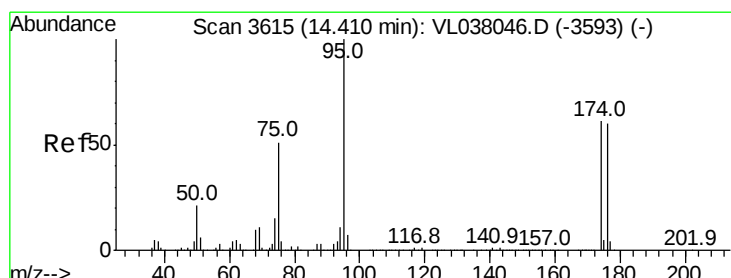
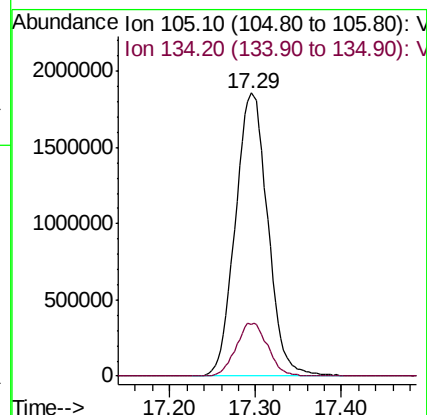
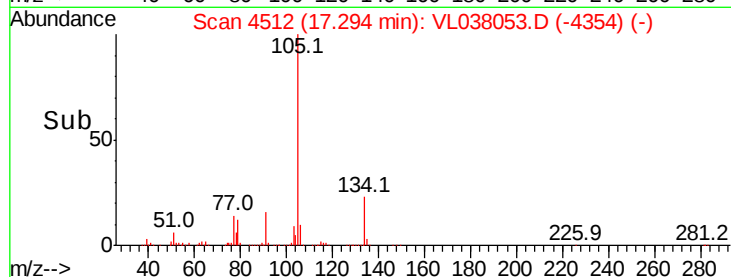
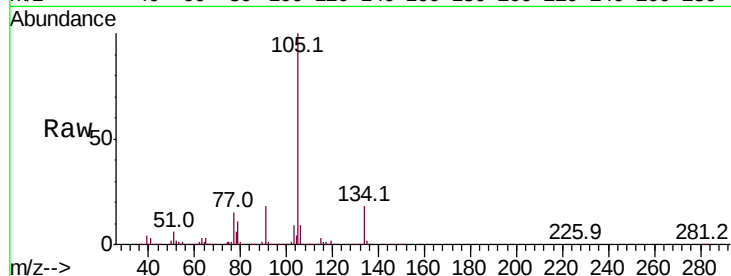
134 18.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.376 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

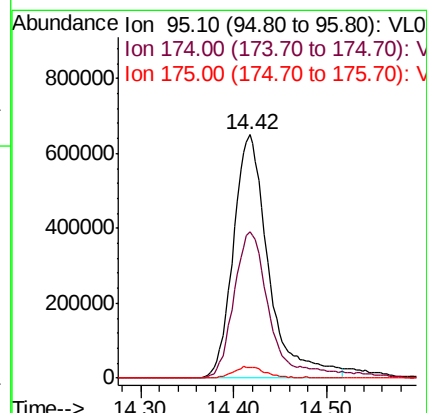
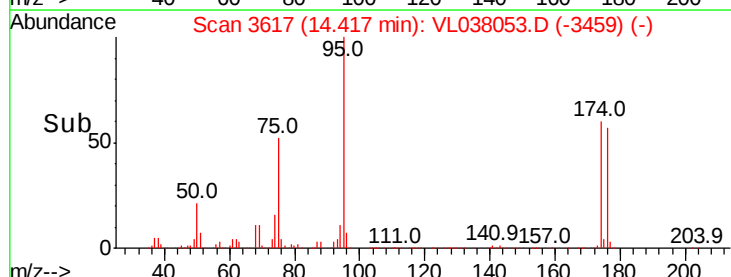
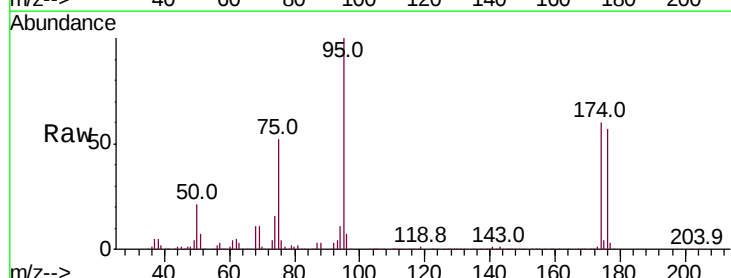
Tgt Ion: 95 Resp: 1721208

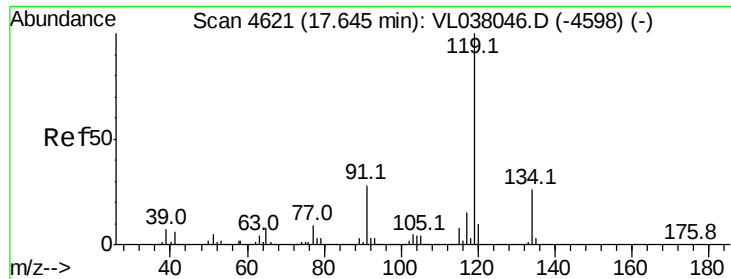
Ion Ratio Lower Upper

95 100

174 63.0 53.1 79.7

175 4.6 4.0 6.0



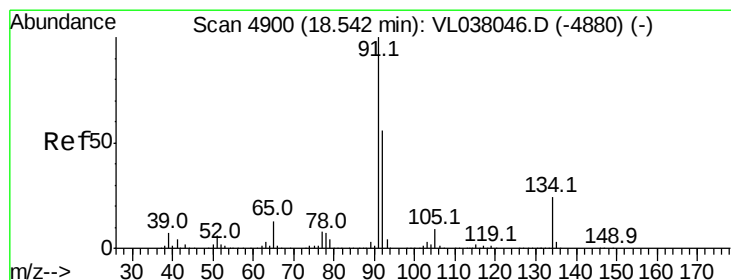
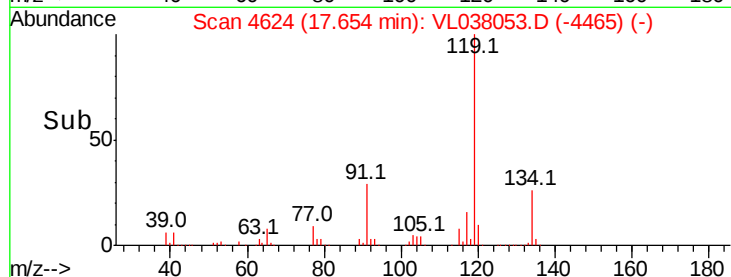
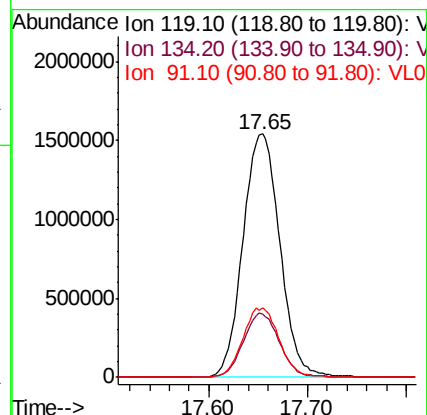
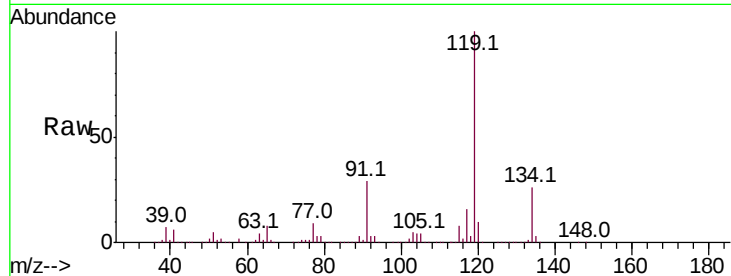


#69
 p-Isopropyltoluene
 Concen: 9.876 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Nov 2021 13:41

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 28.

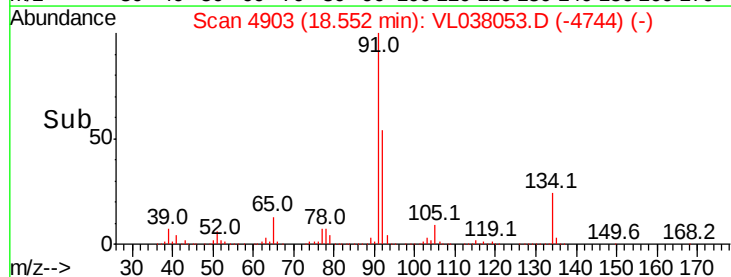
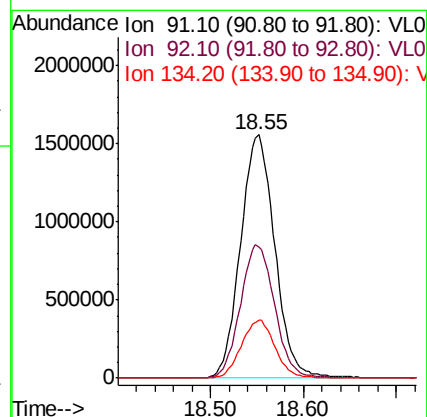
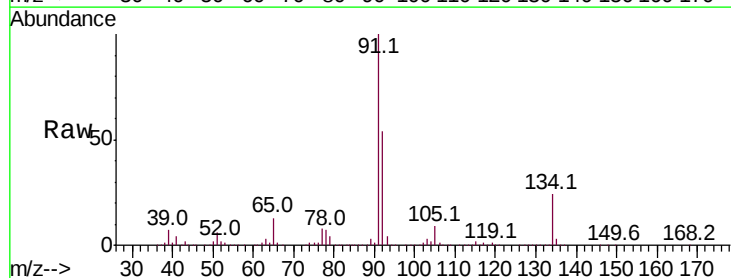
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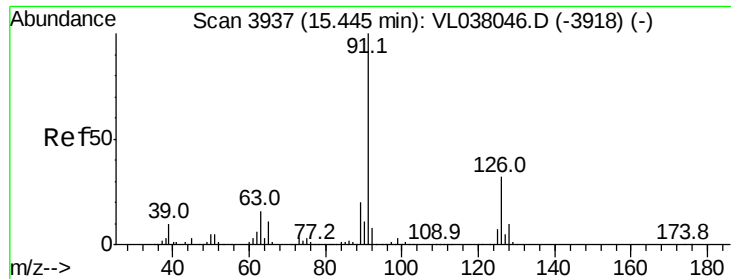
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 10.302 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion: 91 Resp: 3985480
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.1 66.1
 134 23.6 18.9 28.3





#71

2-Chlorotoluene

Concen: 9.333 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 18 Nov 2021 13:41

Tot Ion:

Ion Ratio

91 100

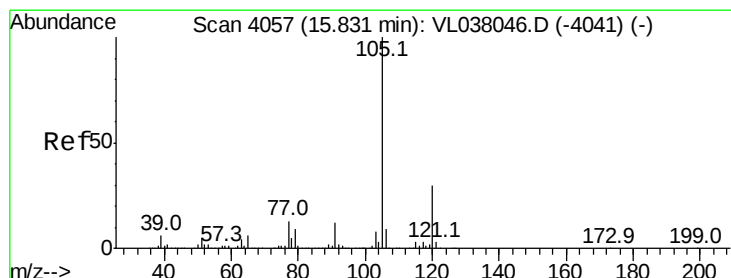
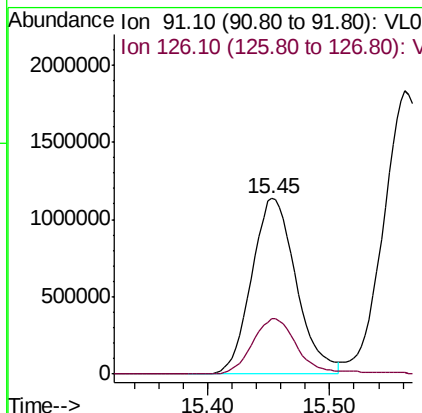
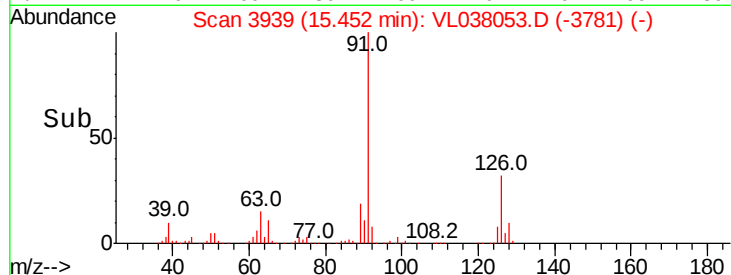
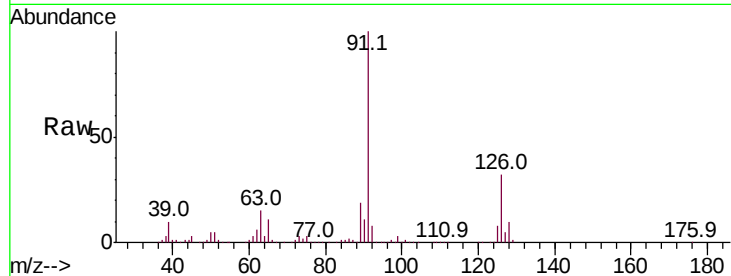
126 33.

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Supervised By :Mahesh Dadoda 11/29/2021



#72

4-Ethyltoluene

Concen: 10.130 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion:105 Resp: 3485952

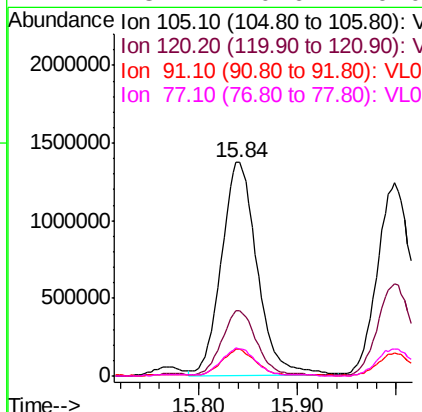
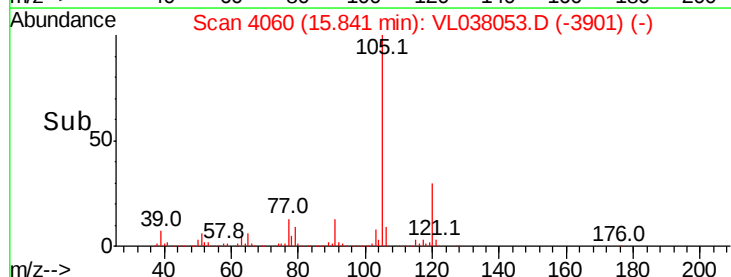
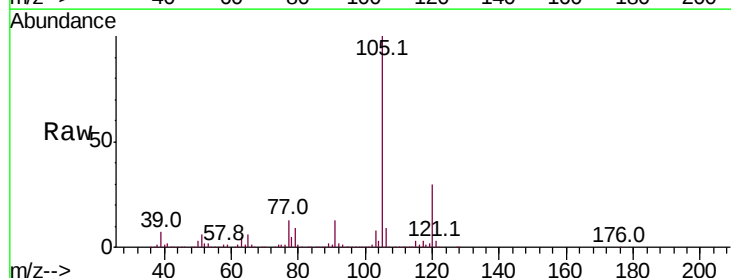
Ion Ratio Lower Upper

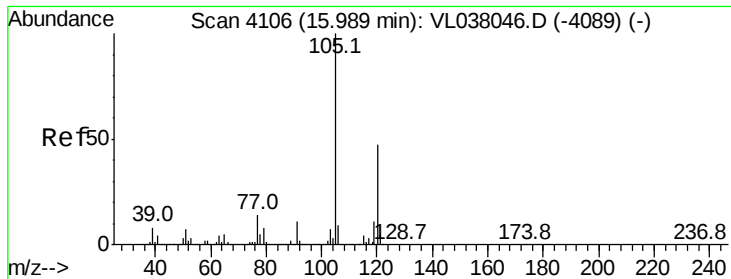
105 100

120 30.5 25.1 37.7

91 11.8 9.7 14.5

77 13.1 10.6 16.0



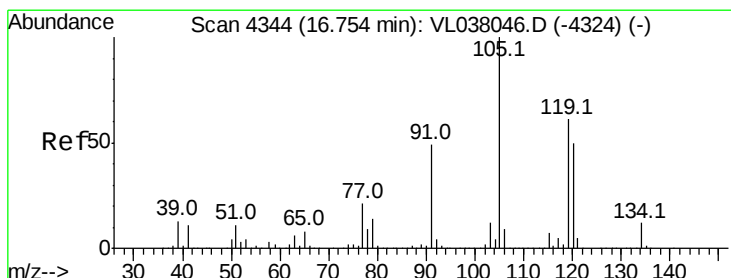
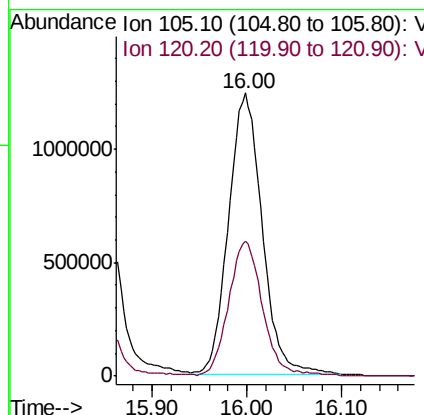
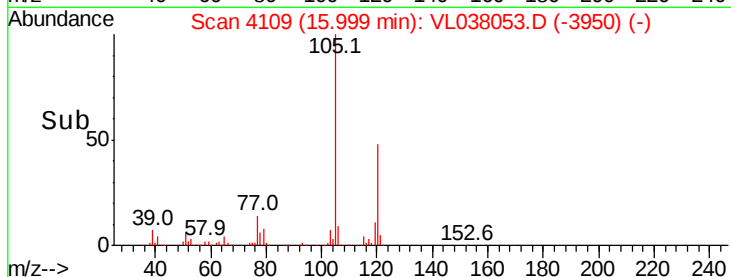
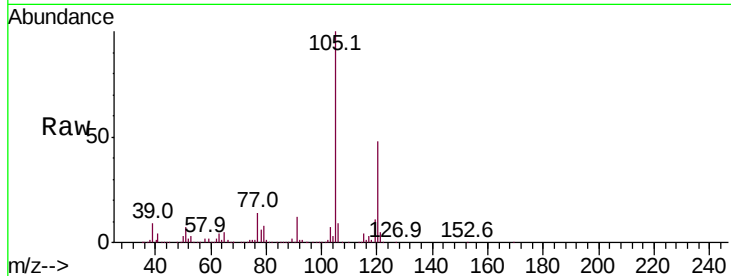


#73
 1,3,5-Trimethylbenzene
 Concen: 9.755 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL038046.D
 Acq: 18 Nov 2021 13:41

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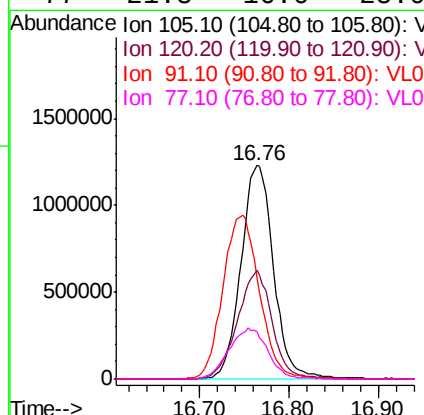
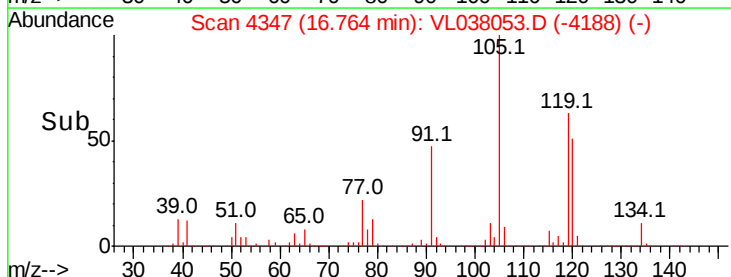
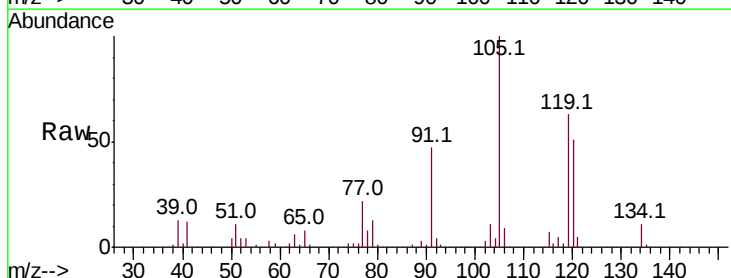
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

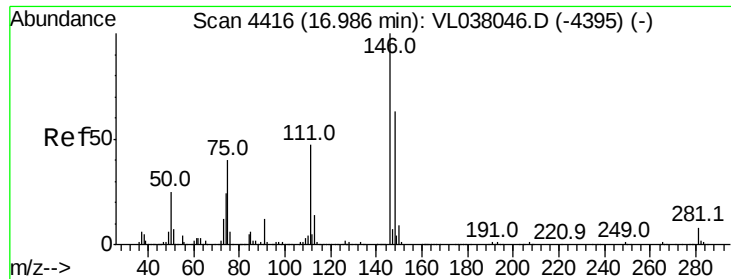
Tot Ion:1
 Ion Ratio
 105 100
 120 47.



#74
 1,2,4-Trimethylbenzene
 Concen: 9.595 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038053.D
 Acq: 18 Nov 2021 13:41

Tgt Ion:105 Resp: 3107768
 Ion Ratio Lower Upper
 105 100
 120 50.9 40.1 60.1
 91 47.1 39.8 59.8
 77 21.8 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 10.111 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 18 Nov 2021 13:41

Tot Ion:1

Ion Rati

146 100

111 47.

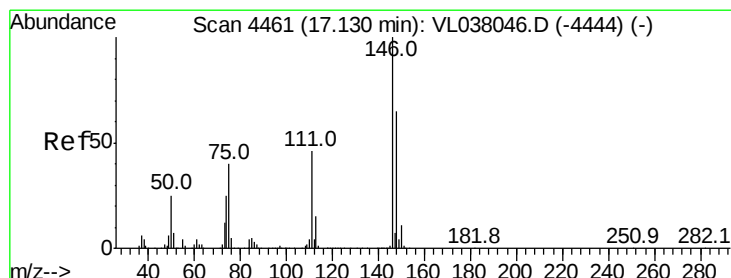
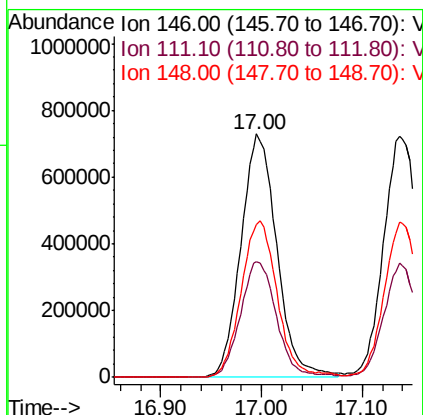
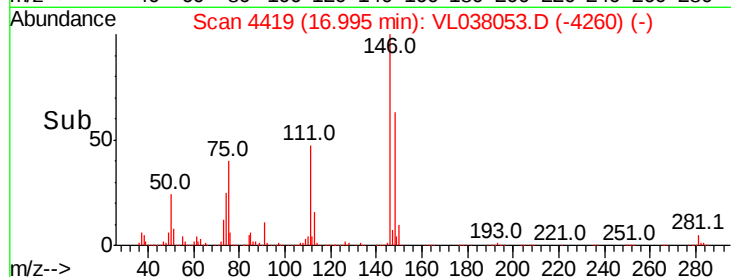
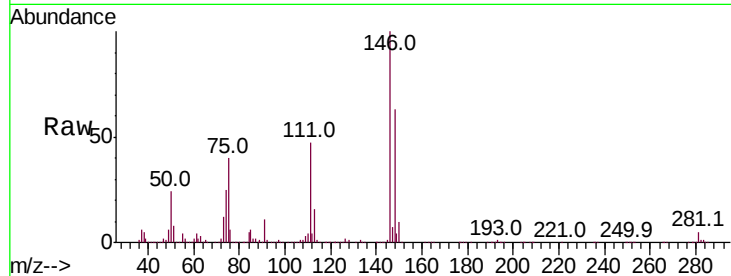
148 64.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#76

1,4-Dichlorobenzene

Concen: 9.910 ppbv

RT: 17.14 min Scan# 4463

Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion:146 Resp: 1774114

Ion Ratio Lower Upper

146 100

111 47.1

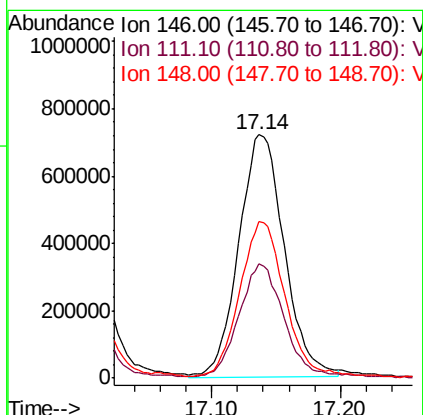
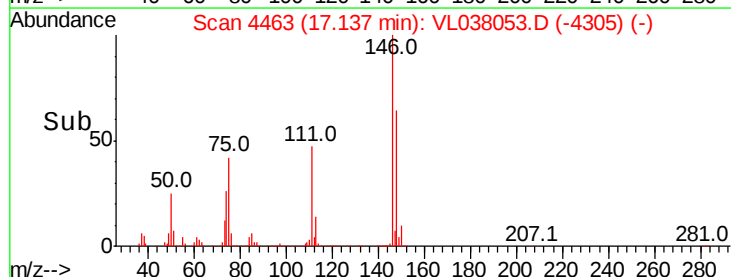
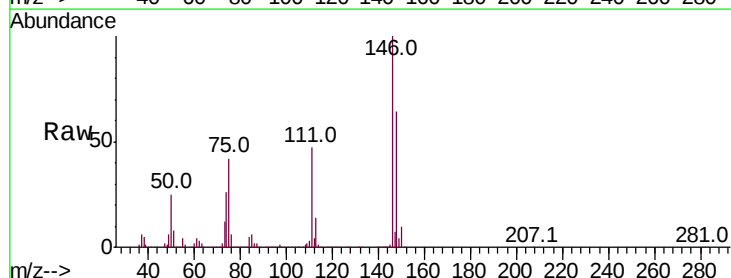
148 65.3

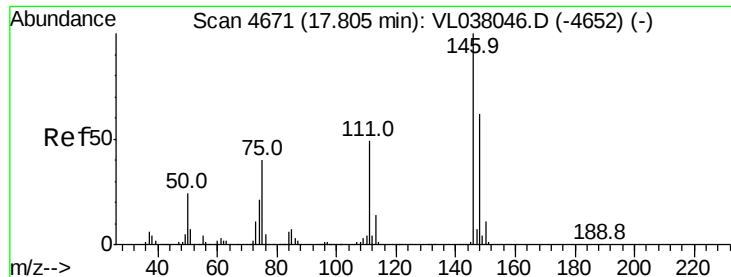
23.8

71.5

33.2

99.6





#77

1,2-Dichlorobenzene

Concen: 10.085 ppbv

RT: 17.82

Delta R.T. MSVOA_L

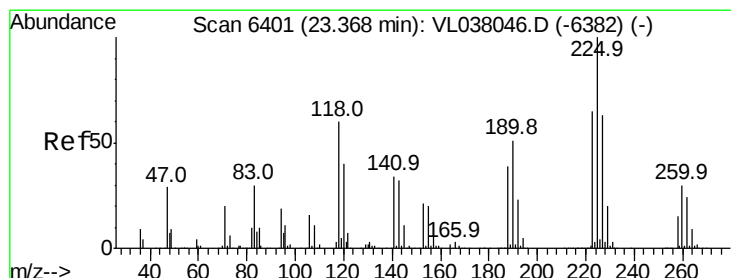
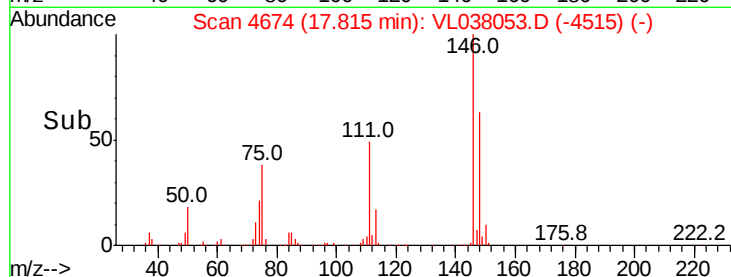
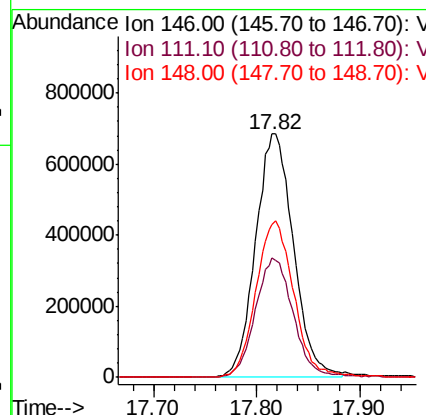
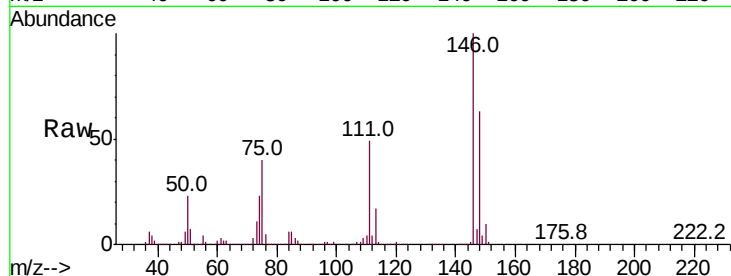
Lab File: ClientSampled :

Acq: 18 Nov 2021 13:41

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

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Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#78

Hexachloro-1,3-Butadiene

Concen: 9.692 ppbv

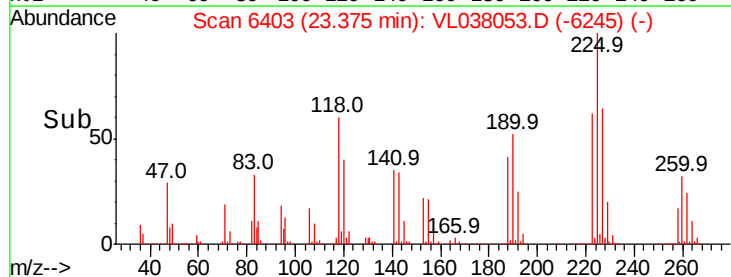
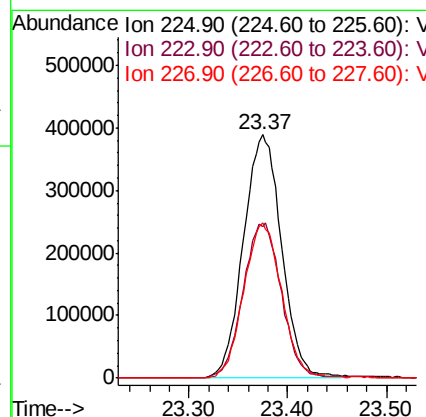
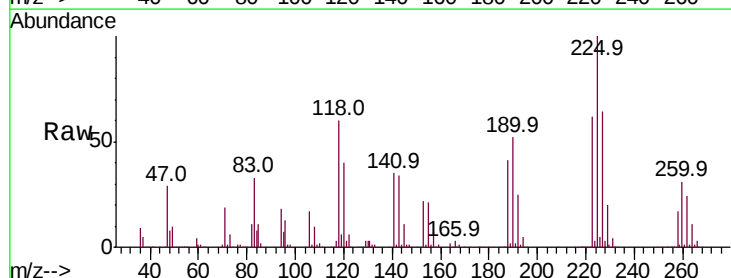
RT: 23.37 min Scan# 6403

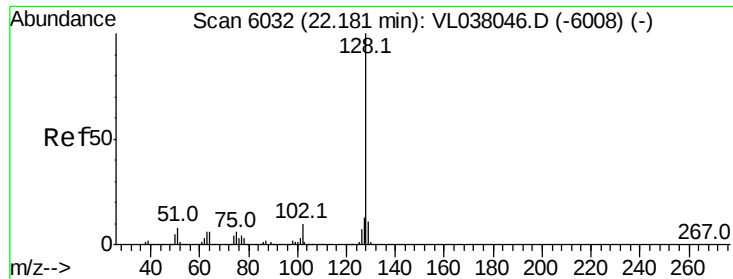
Delta R.T. 0.01 min

Lab File: VL038053.D

Acq: 18 Nov 2021 13:41

Tgt Ion:225 Resp: 1042371
Ion Ratio Lower Upper
225 100
223 64.5 52.3 78.5
227 64.1 52.4 78.6



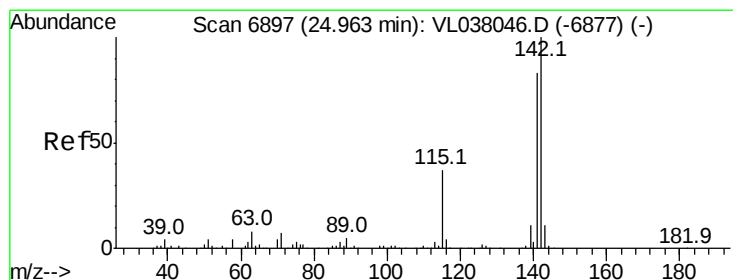
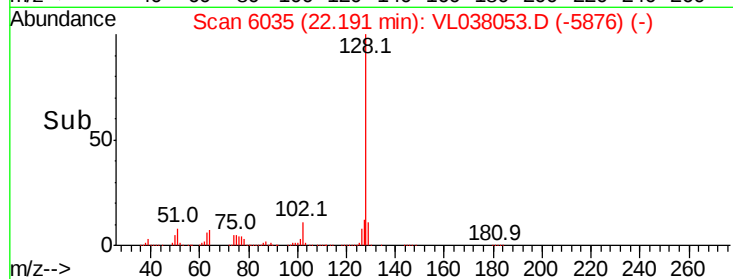
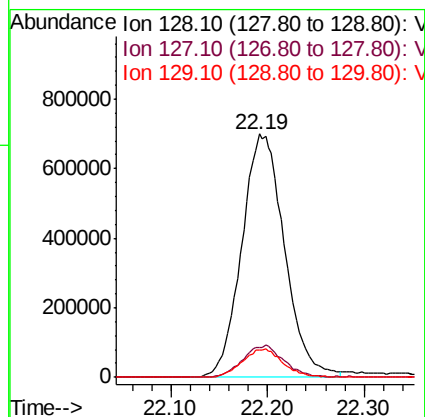
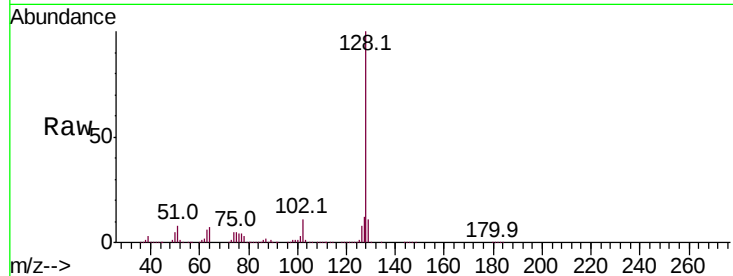


#79
Naphthalene
Concen: 12.558 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 13:41

Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

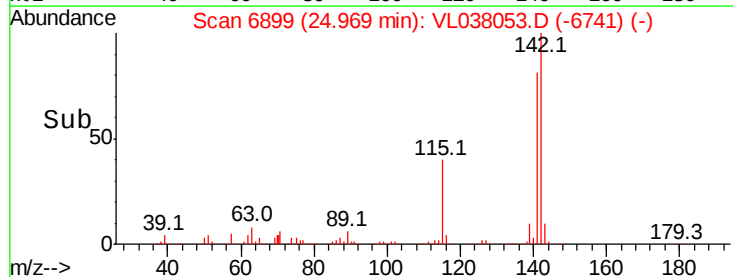
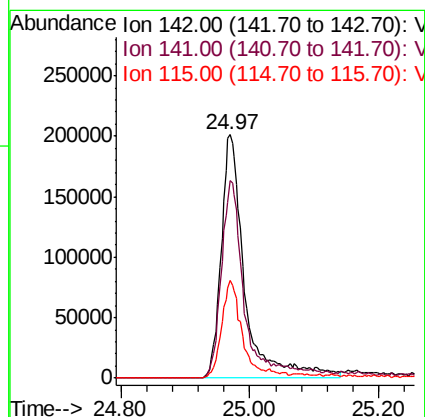
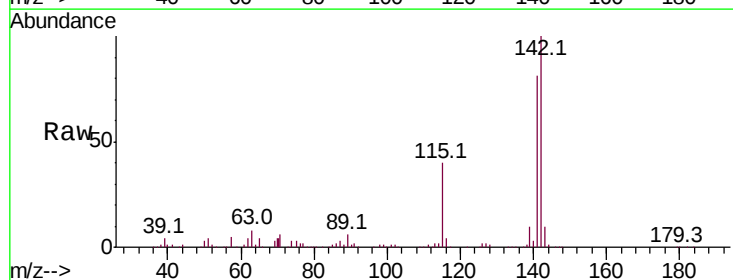
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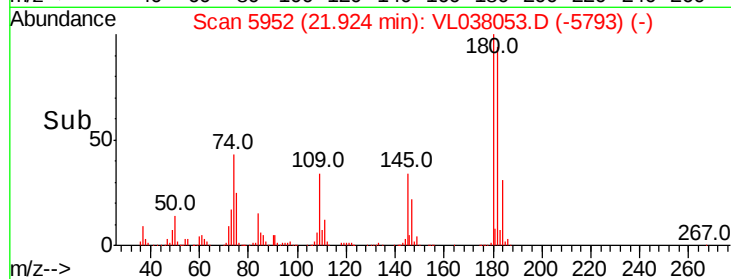
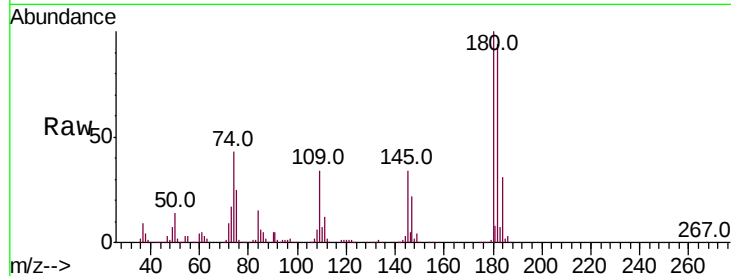
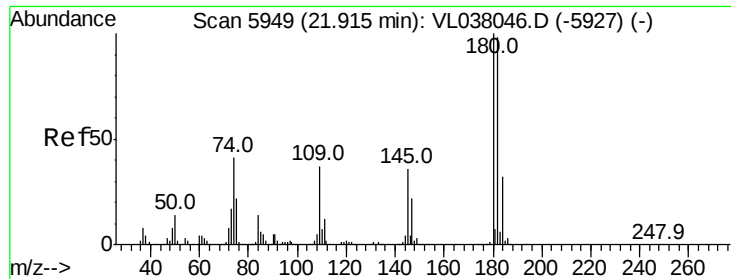
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 14.050 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. 0.01 min
Lab File: VL038053.D
Acq: 18 Nov 2021 13:41

Tgt Ion:142 Resp: 513580
Ion Ratio Lower Upper
142 100
141 85.3 67.3 100.9
115 35.9 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.572 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 ICVVL111821
 Acq: 18 Nov 2021 13:41

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

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Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

