

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038047.D
 Acq On : 18 Nov 2021 9:27
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Quant Time: Nov 18 10:41:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 10:39:10 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	5.66	49	942219	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2794807	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2575159	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1801247	9.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	287047	1.498 ppbv	95
3) Chlorodifluoromethane	2.99	51	416047	1.699 ppbv	98
4) Chloromethane	3.15	50	145532	1.670 ppbv	100
5) Vinyl Chloride	3.26	62	138228	1.652 ppbv	97
6) Bromomethane	3.48	94	70751	1.582 ppbv	94
7) Chloroethane	3.56	64	49745m	1.691 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	328912	1.657 ppbv	100
9) Propene	3.02	41	153616	1.663 ppbv	98
10) Heptane	8.12	43	389693	1.714 ppbv	99
11) Trichlorofluoromethane	3.95	101	323158m	1.706 ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.49	101	222512	1.516 ppbv	100
13) Ethanol	3.61	45	14739m	1.800 ppbv	
14) Bromoethene	3.74	108	99199m	1.616 ppbv	
15) Acetone	3.86	43	176203m	1.591 ppbv	
16) 1,3-Butadiene	3.33	39	132385	1.614 ppbv	99
17) tert-Butyl alcohol	4.29	59	207218m	1.393 ppbv	
18) 1,1-Dichloroethene	4.29	96	99766	1.473 ppbv	92
19) Isopropyl Alcohol	3.98	45	119708m	1.476 ppbv	
20) Methylene Chloride	4.35	84	97389m	1.499 ppbv	
21) Allyl Chloride	4.41	41	154883	1.397 ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	98781	1.445 ppbv	99
23) Vinyl Acetate	5.07	43	232451	1.267 ppbv	98
24) 1,1-Dichloroethane	5.01	63	201619	1.409 ppbv	99
25) Ethyl Acetate	5.68	43	586757	2.252 ppbv	100
26) Hexane	5.69	57	280779	2.145 ppbv	99
27) Carbon Disulfide	4.55	76	243247	1.417 ppbv #	91
28) Methyl tert-Butyl Ether	5.04	73	237832	1.417 ppbv	99
29) Chloroform	5.75	83	416332	2.111 ppbv	99
30) Cyclohexane	7.12	84	250434	1.699 ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	265695	2.451 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	416237	1.664 ppbv	99
34) 2-Butanone	5.25	43	239770	2.601 ppbv	98
35) Carbon Tetrachloride	7.01	117	424824	2.199 ppbv	94
36) Benzene	6.89	78	596276	2.243 ppbv	99
37) 1,2-Dichloroethane	6.30	62	287309	2.328 ppbv	100
38) Trichloroethene	7.83	130	216465	2.004 ppbv	98
39) 1,2-Dichloropropane	7.61	63	226433	2.203 ppbv	94
40) 1,4-Dioxane	7.85	88	57986	2.188 ppbv #	1
41) Tetrahydrofuran	6.06	42	148337m	2.243 ppbv	
42) Bromodichloromethane	7.79	83	443963	2.285 ppbv	99
43) Methyl Methacrylate	8.01	69	202220	2.132 ppbv	96

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC002

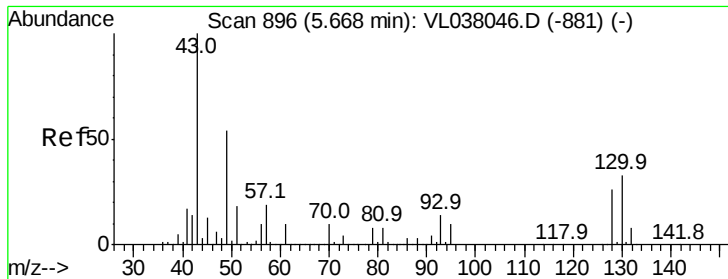
Manual Integrations
 APPROVED

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

Quant Time: Nov 18 10:41:50 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 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	1038278	2.273	ppbv	98
45) t-1,3-Dichloropropene	9.27	75	158433	2.017	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	221481	2.158	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	240912	2.308	ppbv	98
48) Dibromochloromethane	10.30	129	377266	2.223	ppbv	99
49) Bromoform	13.03	173	279105	2.131	ppbv	97
50) 4-Methyl-2-Pentanone	8.75	43	360959	2.172	ppbv	95
51) 2-Hexanone	10.14	43	173891m	2.240	ppbv	
52) Tetrachloroethene	11.21	164	211602	2.108	ppbv	99
53) Toluene	9.80	91	698655	2.247	ppbv	99
54) 1,2-Dibromoethane	10.60	107	339012	2.318	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.12	131	259575	2.309	ppbv #	1
57) Chlorobenzene	12.14	112	497733	2.357	ppbv	98
58) Ethyl Benzene	12.70	91	924494	2.364	ppbv	98
59) m/p-Xylene	12.99	91	1560839m	4.802	ppbv	
60) o-Xylene	13.68	91	717068	2.377	ppbv	99
61) Styrene	13.52	104	381649	2.269	ppbv	98
62) Isopropylbenzene	14.66	105	1024588	2.349	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	518972	2.301	ppbv	100
64) n-propylbenzene	15.55	120	265602	2.389	ppbv	94
65) tert-Butylbenzene	16.73	119	926963	2.422	ppbv	98
66) Benzyl Chloride	16.98	91	44833m	1.677	ppbv	
67) sec-Butylbenzene	17.28	105	1304730	2.468	ppbv	99
69) p-Isopropyltoluene	17.64	119	1033039	2.424	ppbv	100
70) n-Butylbenzene	18.54	91	981117	2.511	ppbv	100
71) 2-Chlorotoluene	15.44	91	752342	2.410	ppbv	100
72) 4-Ethyltoluene	15.83	105	848840	2.360	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	781280	2.375	ppbv	96
74) 1,2,4-Trimethylbenzene	16.75	105	829116	2.503	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	442706	2.422	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	452367m	2.415	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	434265m	2.477	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	277153	2.437	ppbv	99
79) Naphthalene	22.18	128	435556	2.397	ppbv	98
80) Naphthalene, 2-methyl-	24.97	142	93864	2.736	ppbv	94
81) 1,2,4-Trichlorobenzene	21.91	180	247729	2.411	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

49 100

128 52.

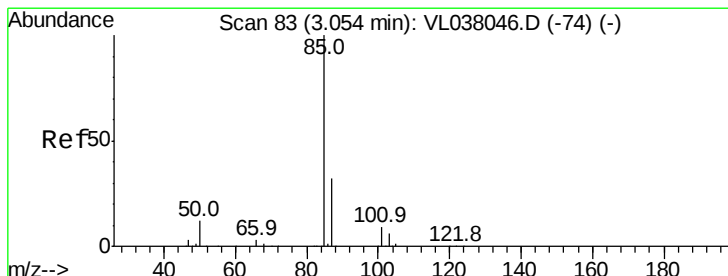
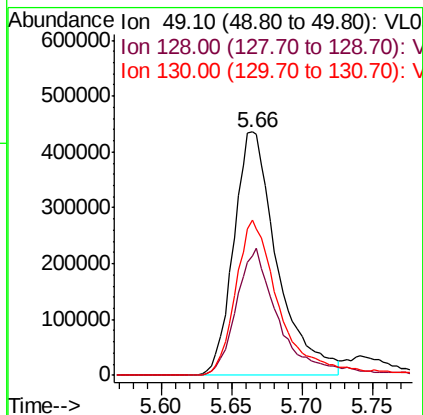
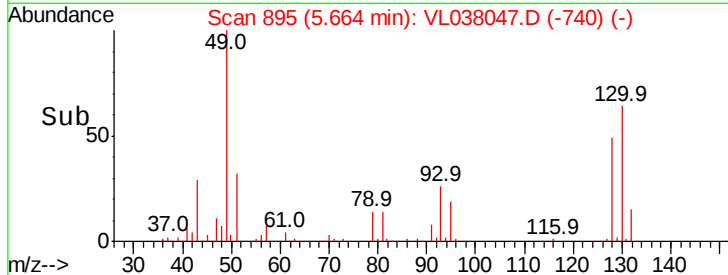
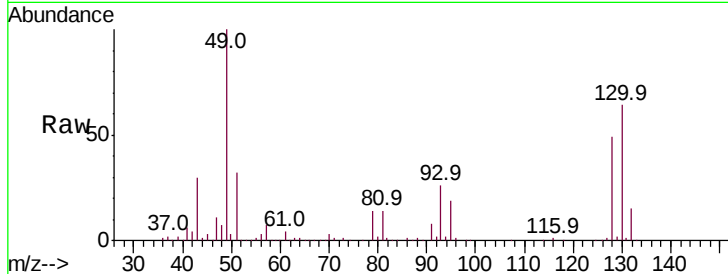
130 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 1.498 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038047.D

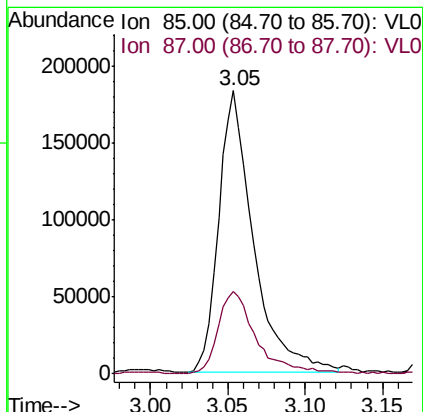
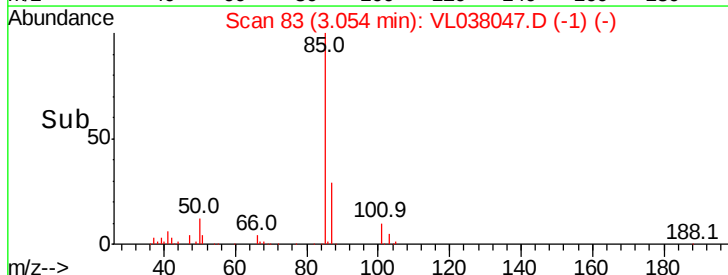
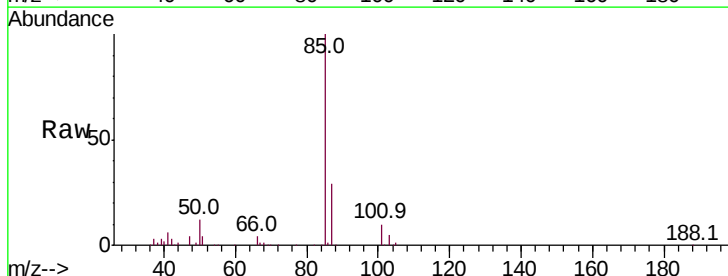
Acq: 18 Nov 2021 9:27

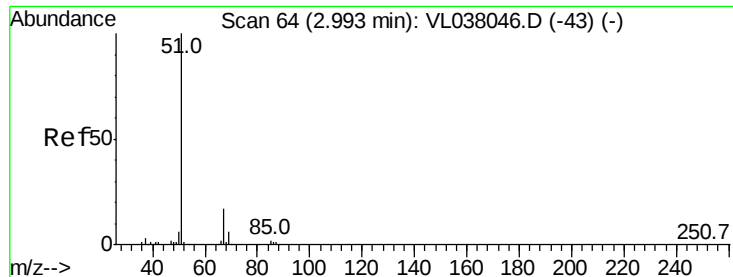
Tgt Ion: 85 Resp: 287047

Ion Ratio Lower Upper

85 100

87 29.2 25.8 38.6





#3

Chlorodifluoromethane

Concen: 1.699 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

51 100

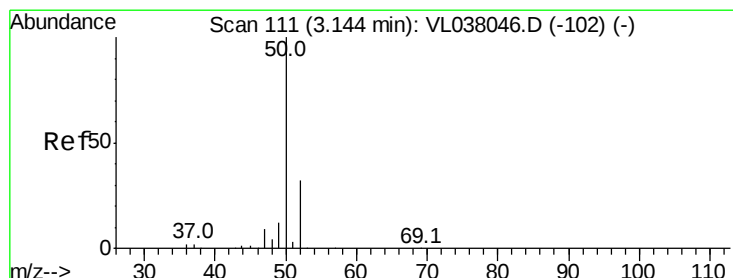
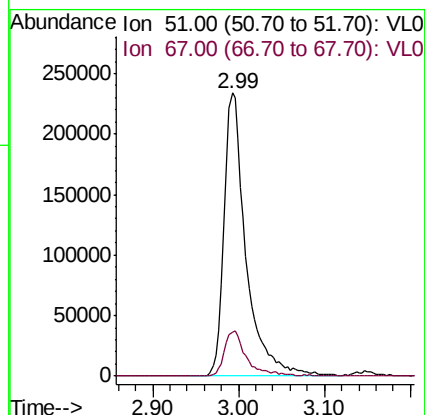
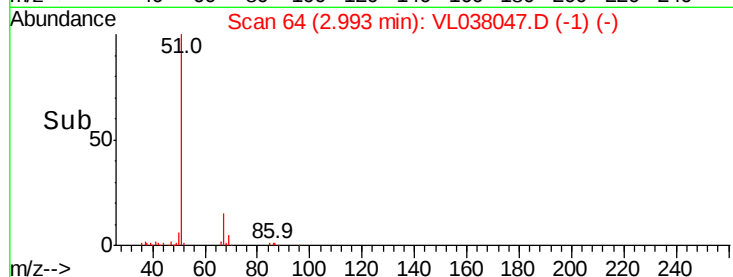
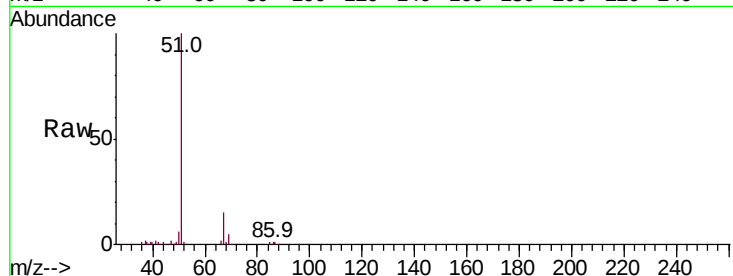
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#4

Chloromethane

Concen: 1.670 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.00 min

Lab File: VL038047.D

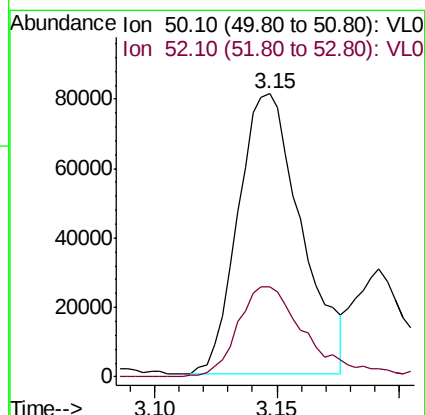
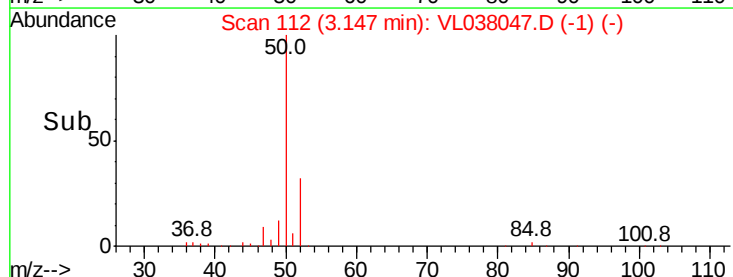
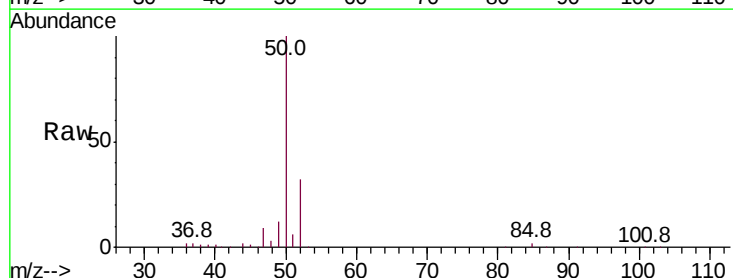
Acq: 18 Nov 2021 9:27

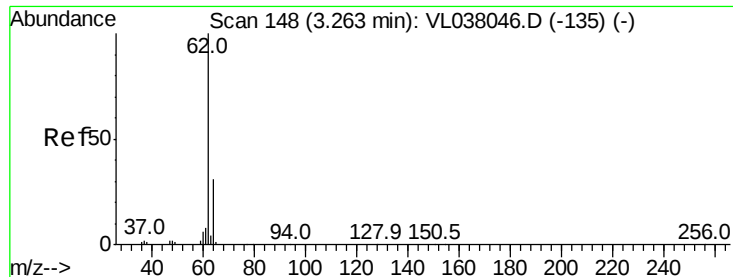
Tgt Ion: 50 Resp: 145532

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.0





#5

Vinyl Chloride

Concen: 1.652 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 18 Nov 2021 9:27 VSTDIC002

Tot Ion:

Ion Ratio

62 100

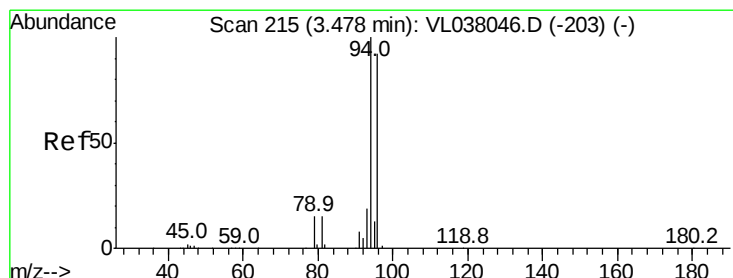
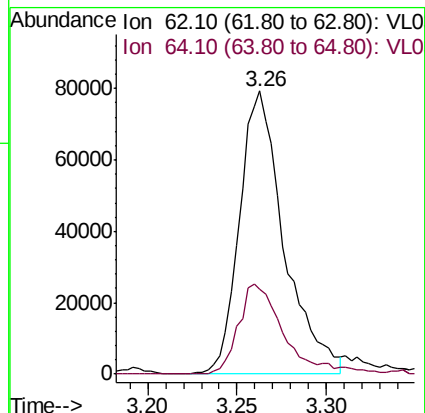
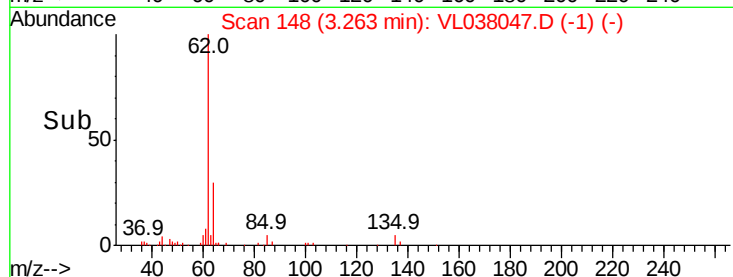
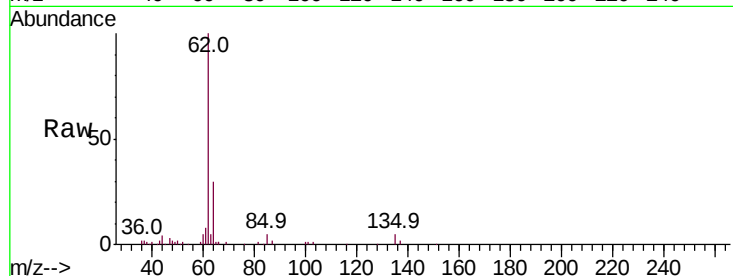
64 29.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 1.582 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038047.D

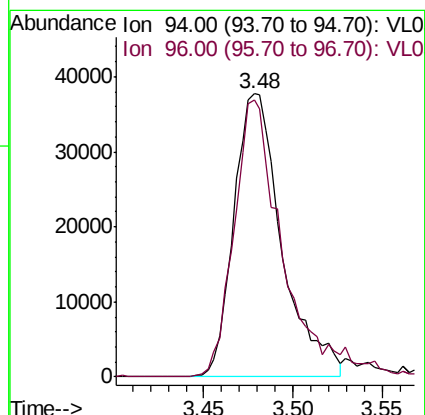
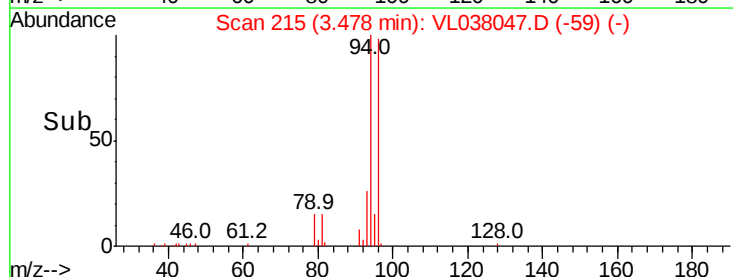
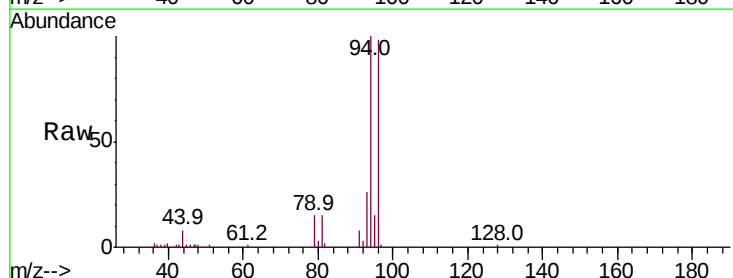
Acq: 18 Nov 2021 9:27

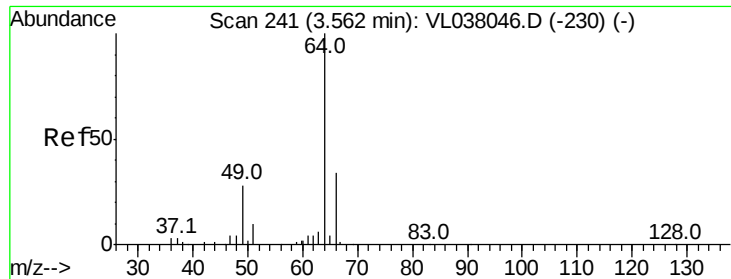
Tgt Ion: 94 Resp: 70751

Ion Ratio Lower Upper

94 100

96 97.9 73.9 110.9





#7

Chloroethane

Concen: 1.691 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 VSTDIC002

Tot Ion:

Ion Ratio

64 100

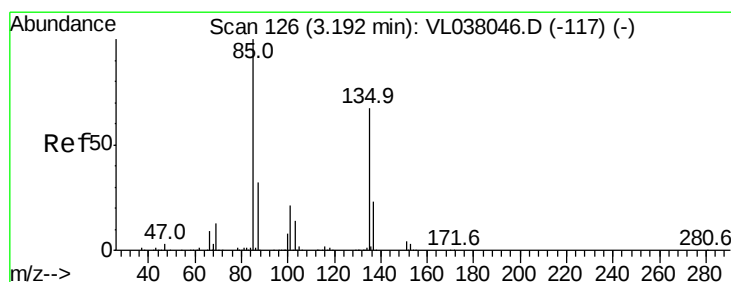
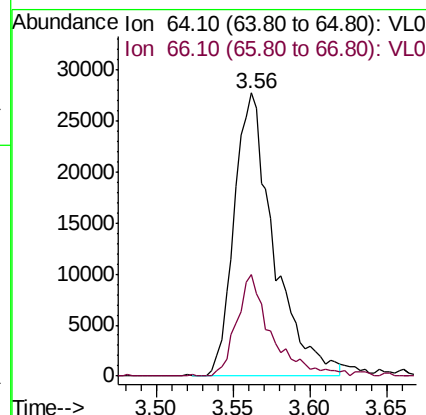
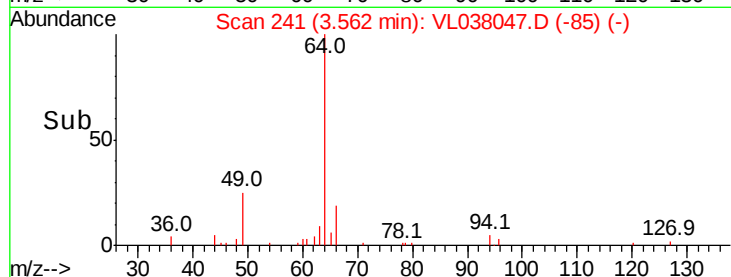
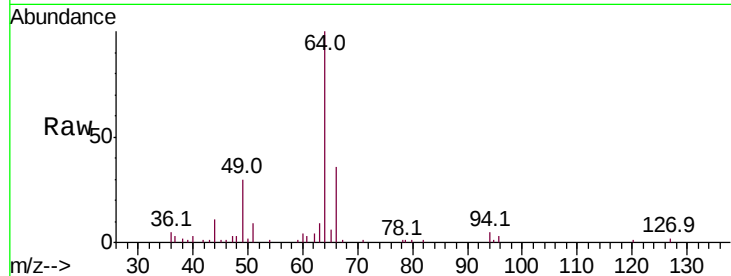
66 35.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 1.657 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038047.D

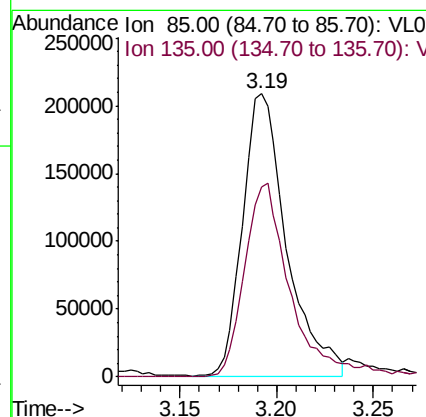
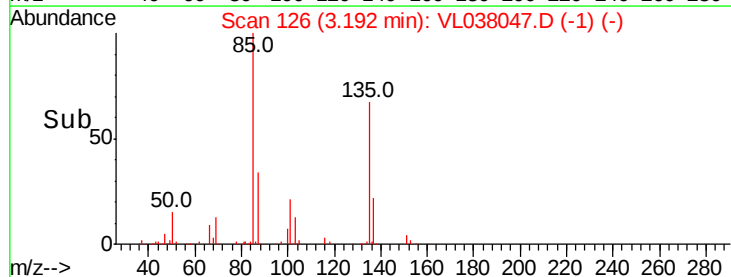
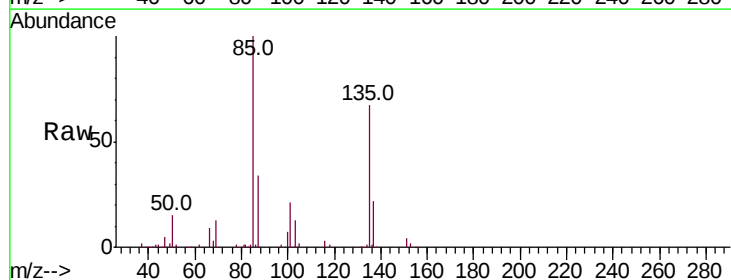
Acq: 18 Nov 2021 9:27

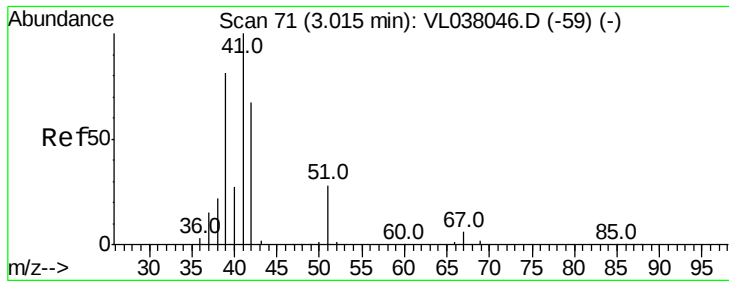
Tgt Ion: 85 Resp: 328912

Ion Ratio Lower Upper

85 100

135 72.7 57.9 86.9



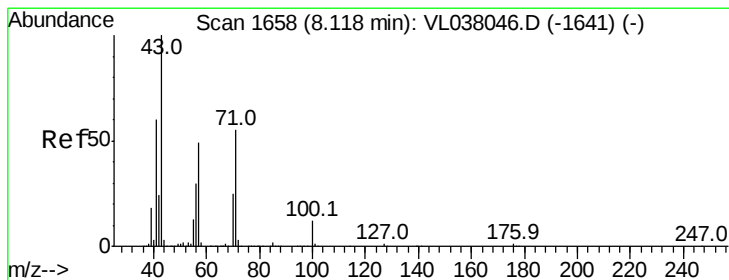
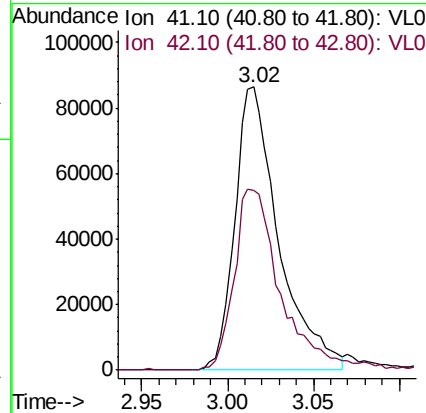
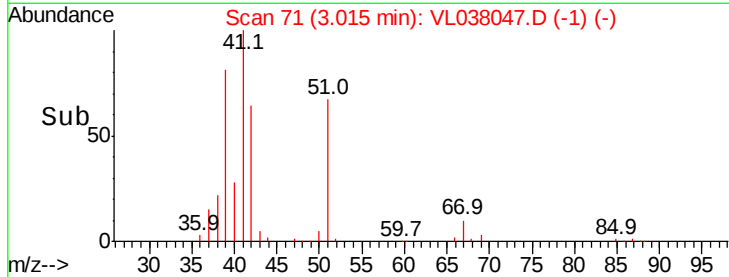
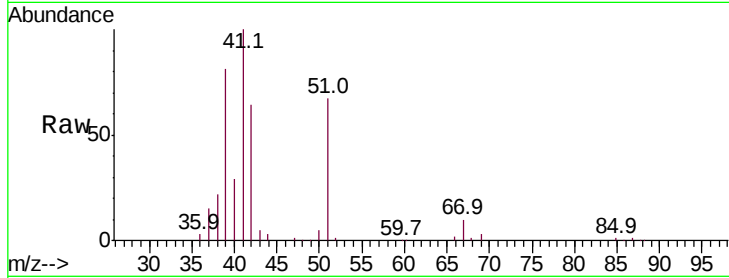


#9
 Propene
 Concen: 1.663 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:
 Ion Ratio
 41 100
 42 68.

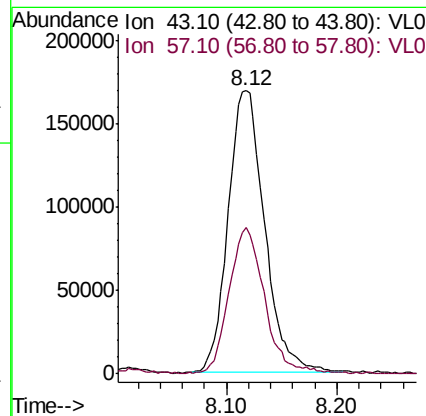
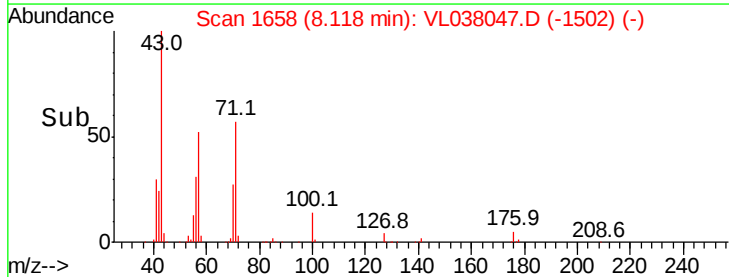
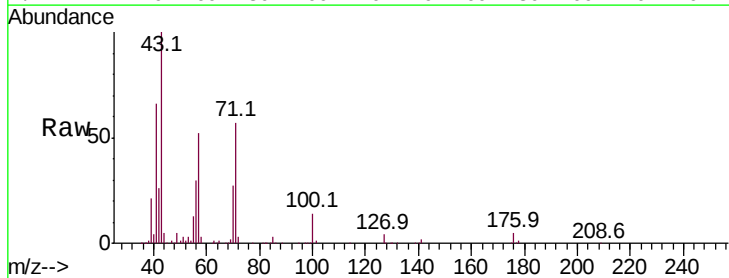
Manual Integrations
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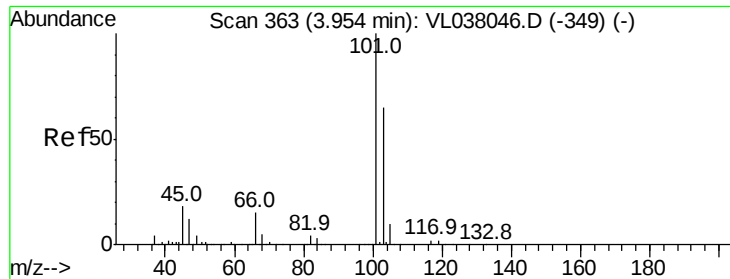
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#10
 Heptane
 Concen: 1.714 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion: 43 Resp: 389693
 Ion Ratio Lower Upper
 43 100
 57 49.6 40.4 60.6



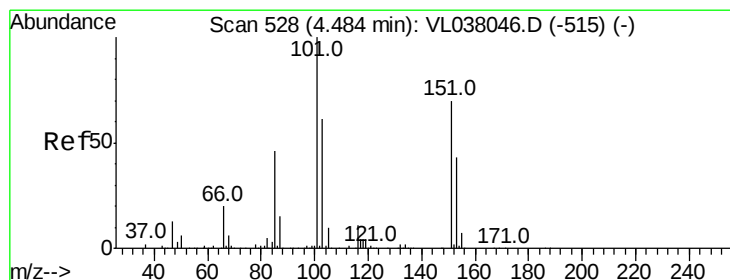
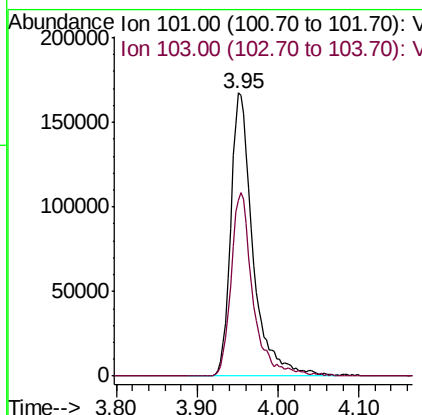
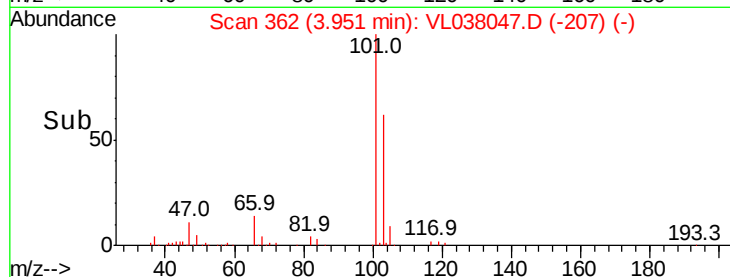
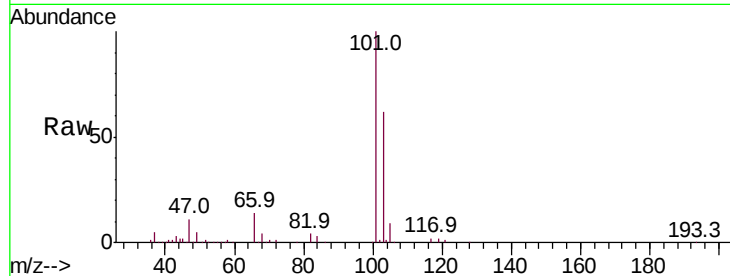


#11
 Trichlorofluoromethane
 Concen: 1.706 ppbv m
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:1
 Ion Rati
 101 100
 103 61.

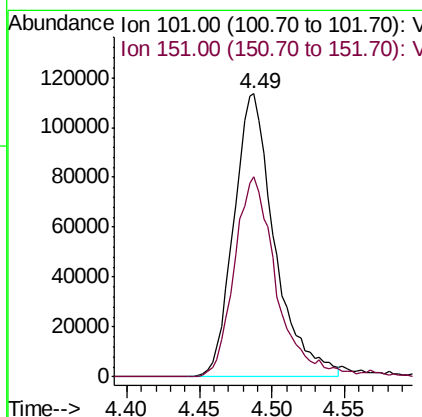
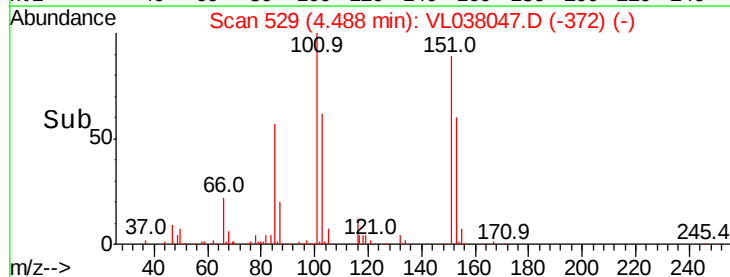
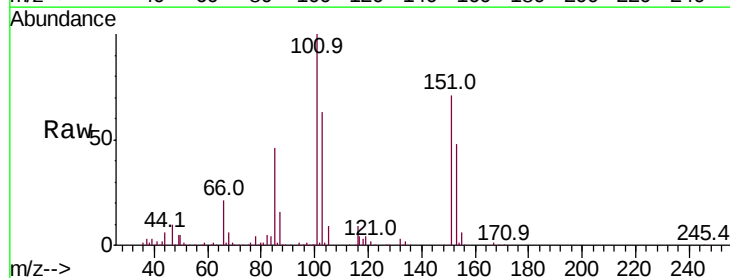
Manual Integrations
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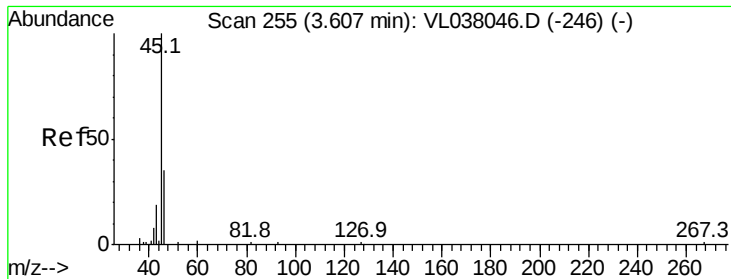
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.516 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion:101 Resp: 222512
 Ion Ratio Lower Upper
 101 100
 151 74.1 59.0 88.4





#13

Ethanol

Concen: 1.800 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 VSTDIC002

Tot Ion:

Ion Ratio

45 100

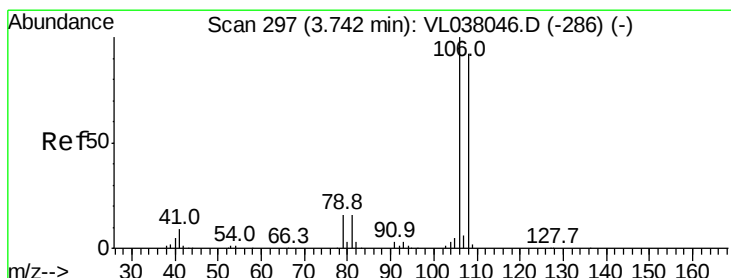
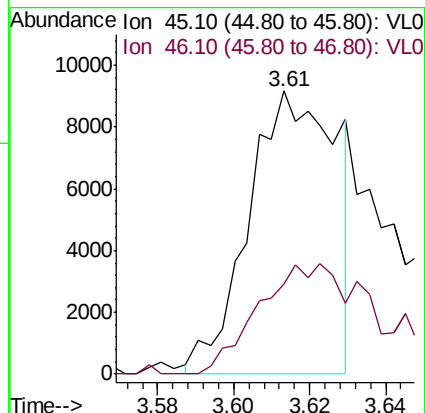
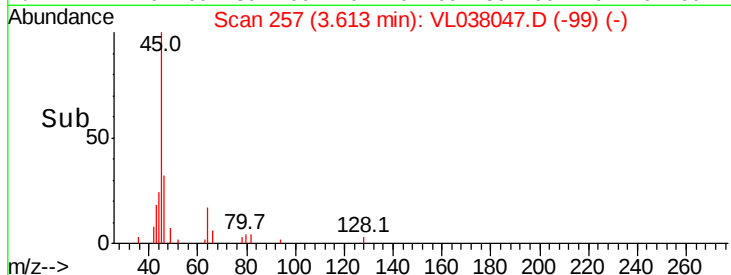
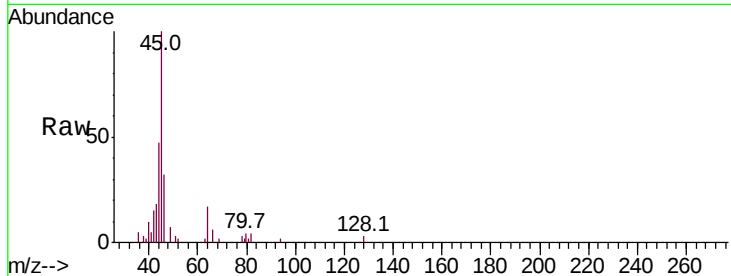
46 0.

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APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#14

Bromoethene

Concen: 1.616 ppbv m

RT: 3.74 min Scan# 298

Delta R.T. 0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

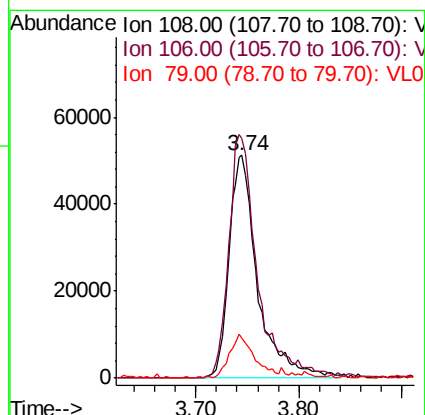
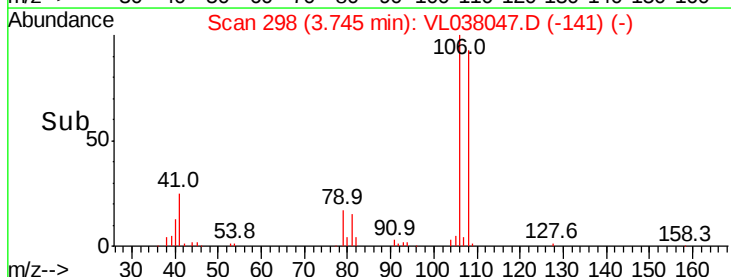
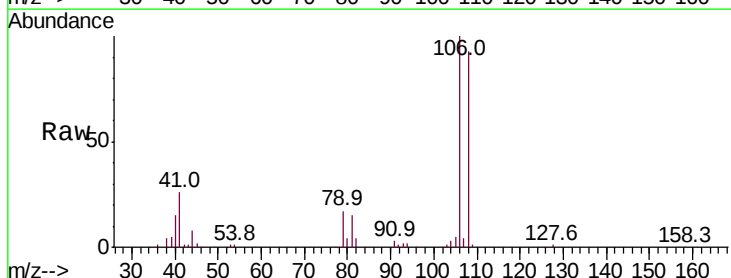
Tgt Ion:108 Resp: 99199

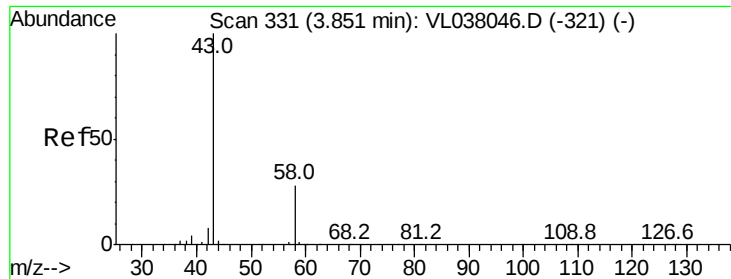
Ion Ratio Lower Upper

108 100

106 111.7 89.4 134.0

79 19.9 14.1 21.1





#15

Acetone

Concen: 1.591 ppbv m

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

43 100

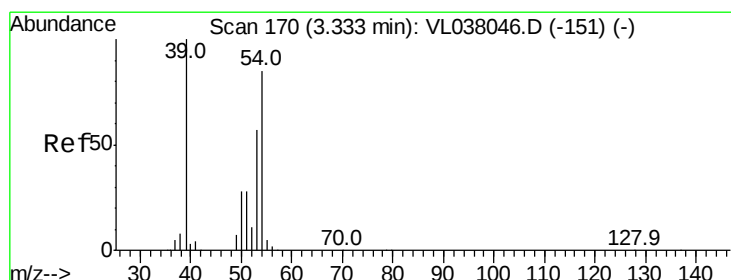
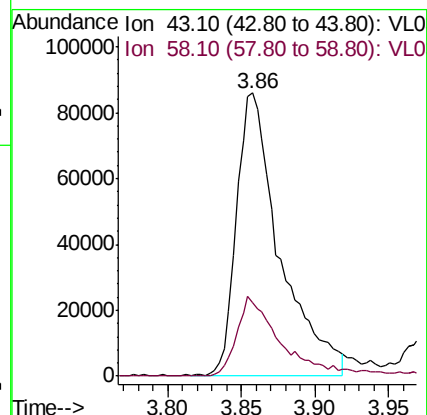
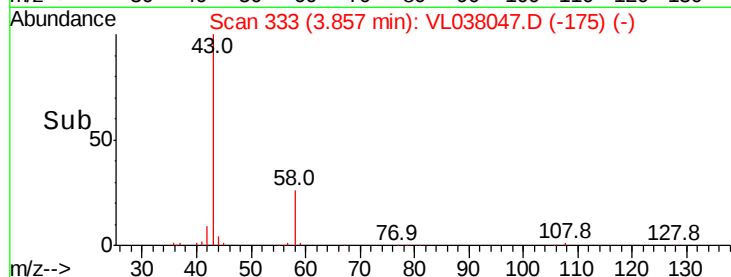
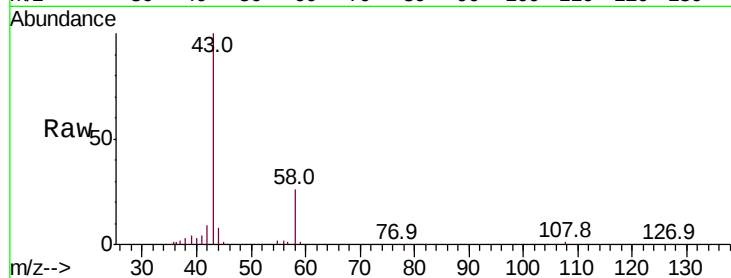
58 29.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#16

1,3-Butadiene

Concen: 1.614 ppbv

RT: 3.33 min Scan# 169

Delta R.T. -0.00 min

Lab File: VL038047.D

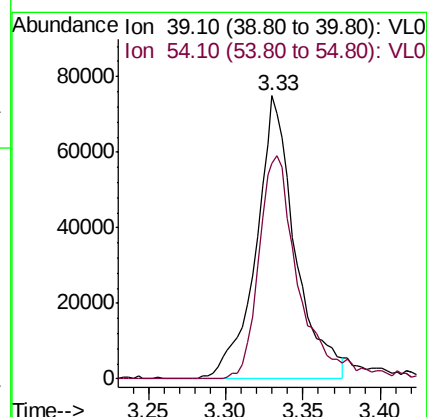
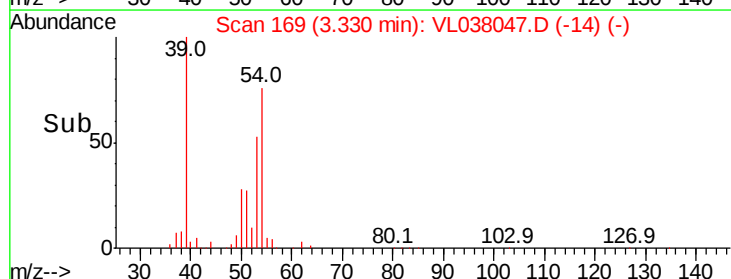
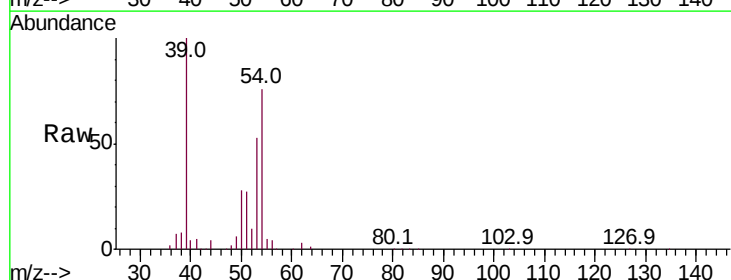
Acq: 18 Nov 2021 9:27

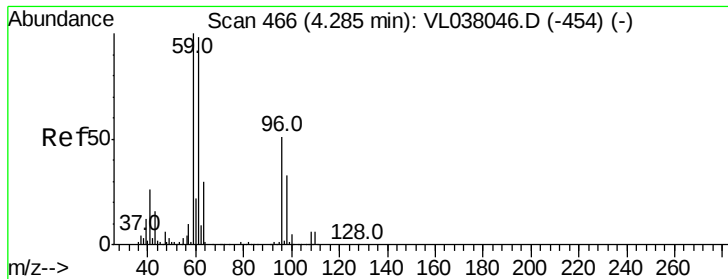
Tgt Ion: 39 Resp: 132385

Ion Ratio Lower Upper

39 100

54 81.4 64.4 96.6





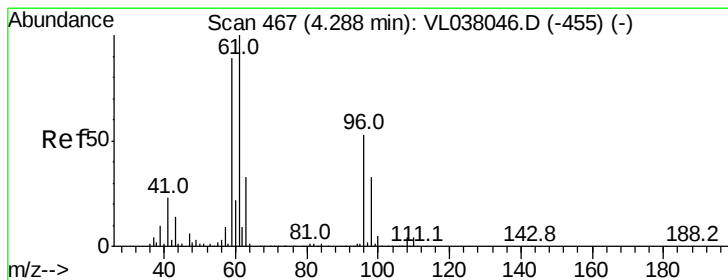
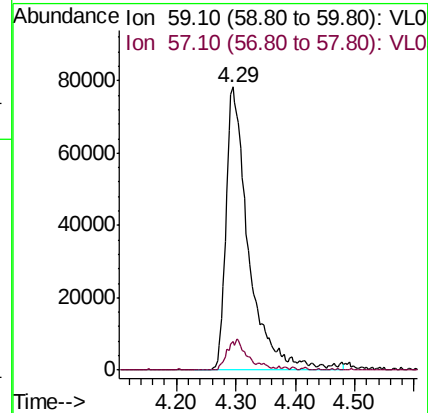
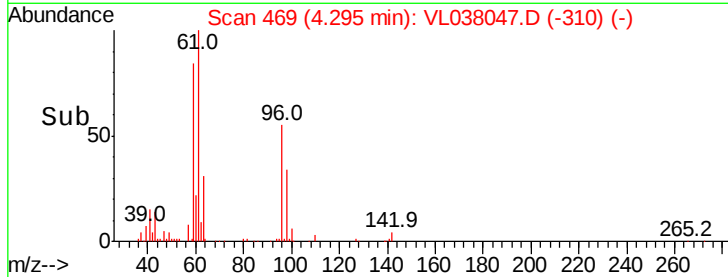
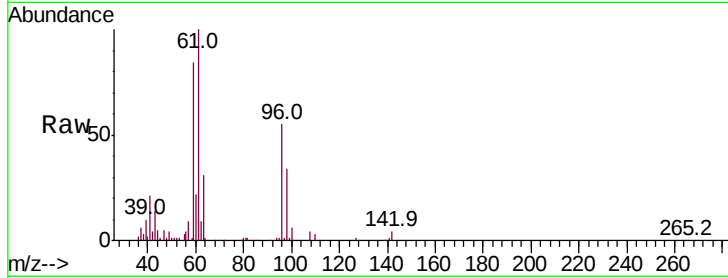
#17

tert-Butyl alcohol
Concen: 1.393 ppbv m
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
59 100
57 10.

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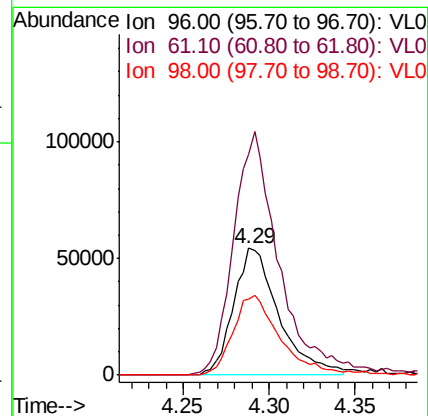
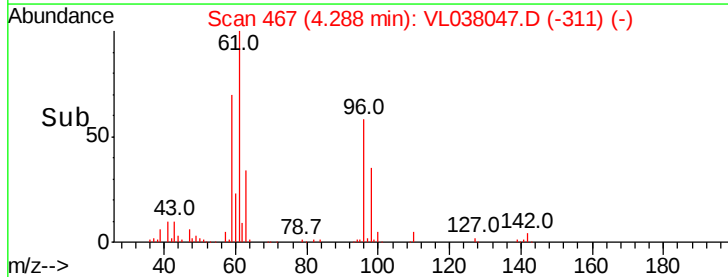
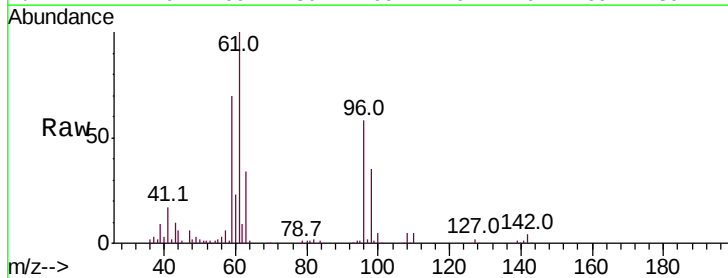
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021

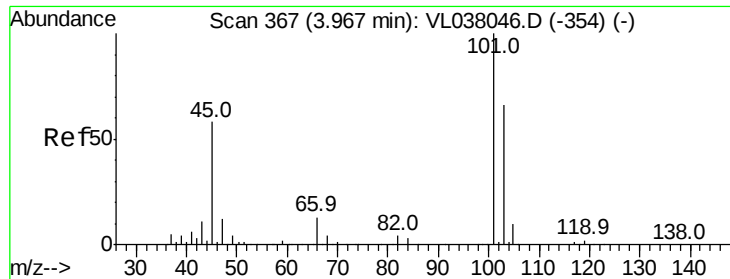


#18

1,1-Dichloroethene
Concen: 1.473 ppbv
RT: 4.29 min Scan# 467
Delta R.T.: 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 96 Resp: 99766
Ion Ratio Lower Upper
96 100
61 172.7 149.8 224.8
98 60.1 50.2 75.2





#19

Isopropyl Alcohol

Concen: 1.476 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

45 100

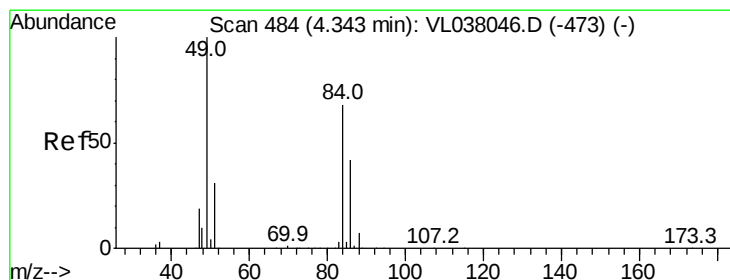
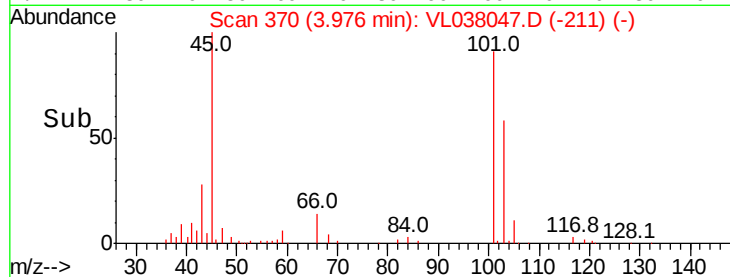
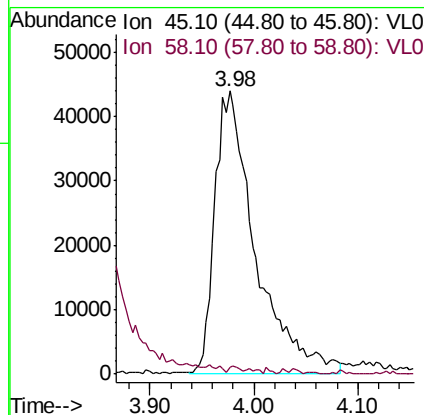
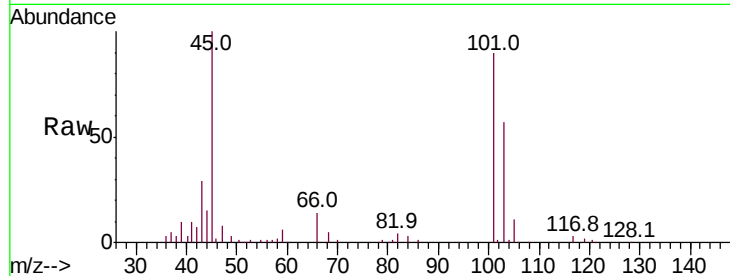
58 2.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 1.499 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

Tgt Ion: 84 Resp: 97389

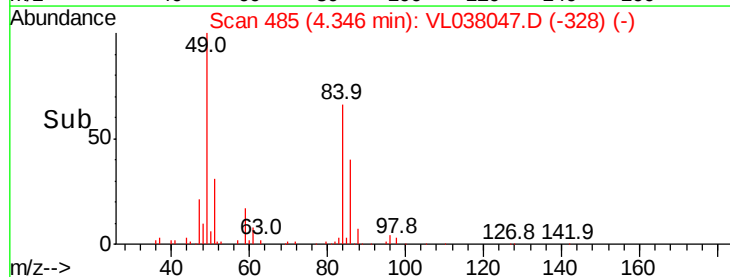
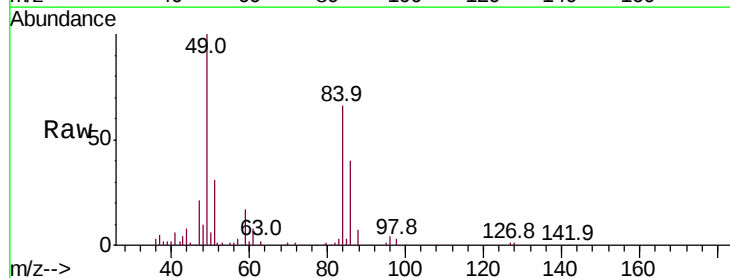
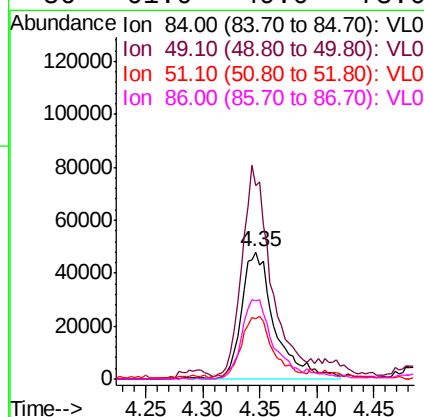
Ion Ratio Lower Upper

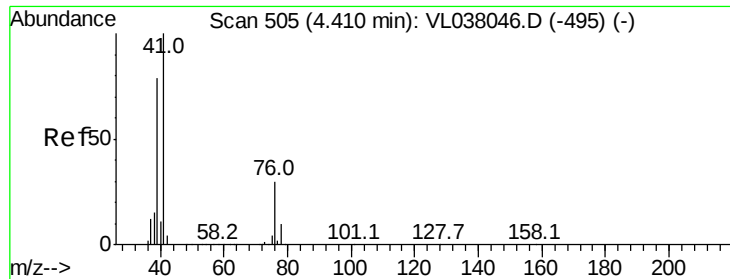
84 100

49 152.2 118.2 177.2

51 47.2 36.8 55.2

86 61.0 49.0 73.6



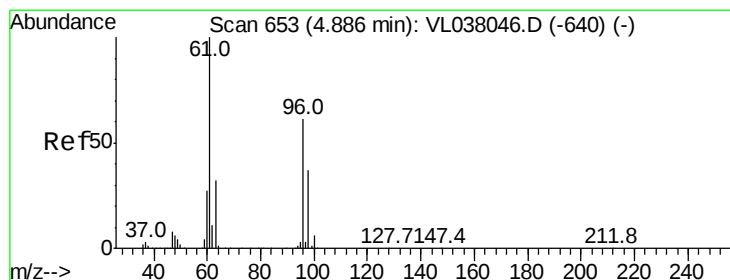
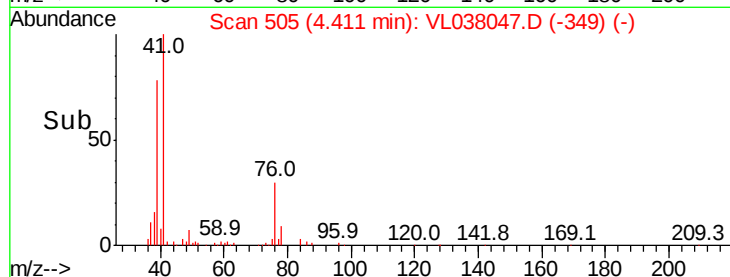
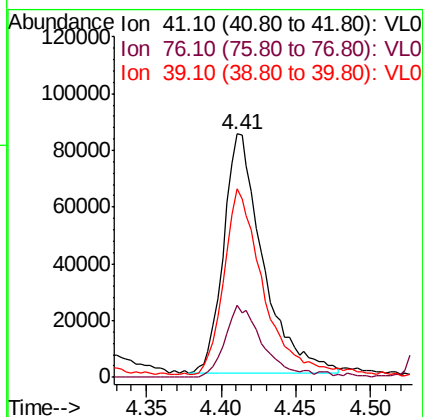
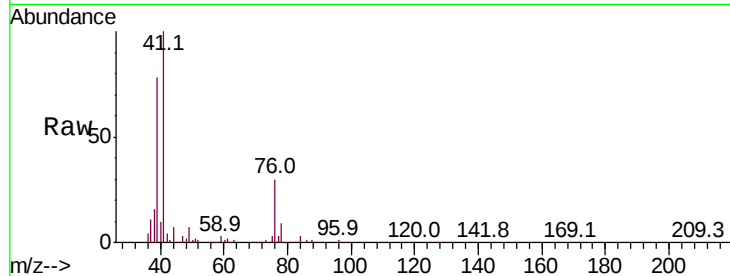


#21
Allvl Chloride
Concen: 1.397 ppbv
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
41 100
76 30.
39 83.

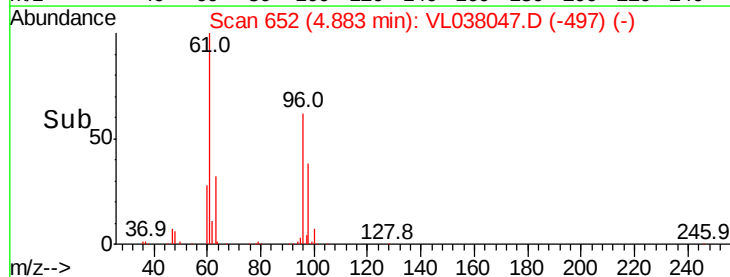
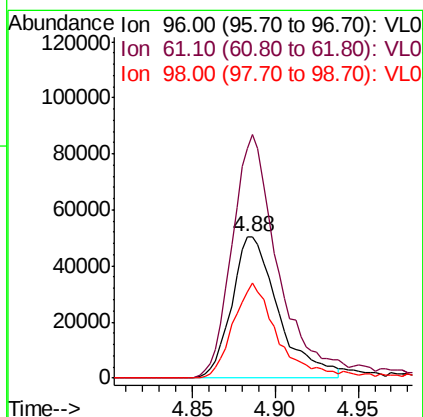
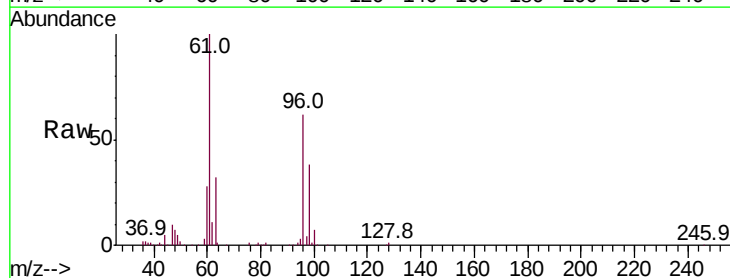
Manual Integrations
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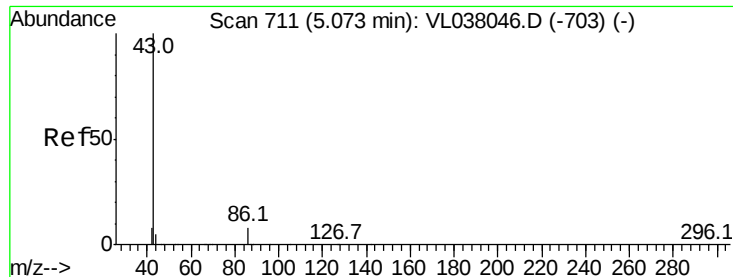
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 1.445 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 96 Resp: 98781
Ion Ratio Lower Upper
96 100
61 162.4 131.6 197.4
98 61.1 48.4 72.6





#23

Vinyl Acetate

Concen: 1.267 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 VSTDIC002

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

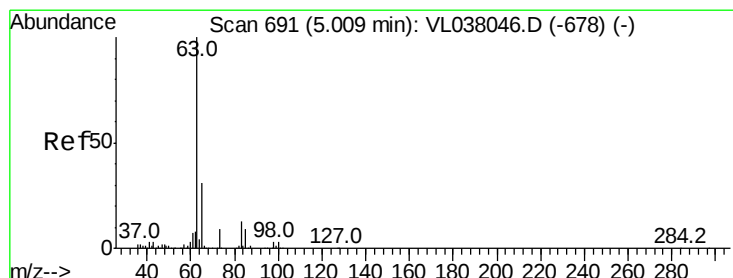
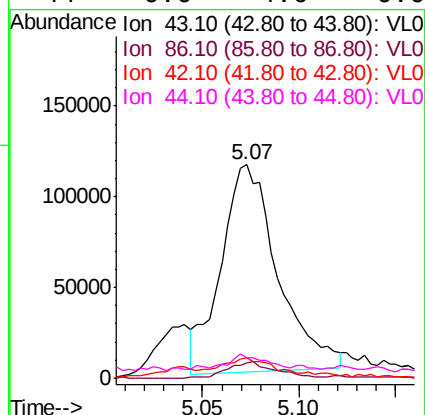
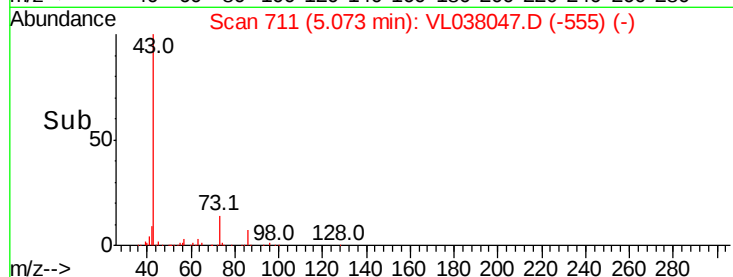
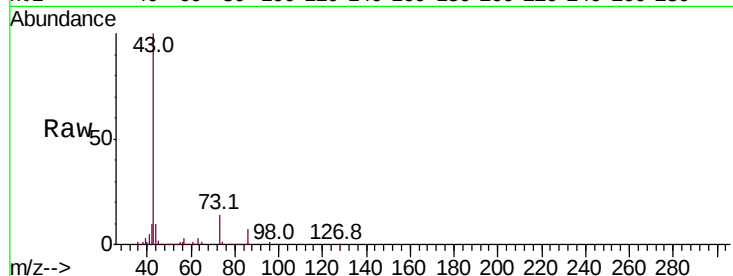
44 6.0

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 1.409 ppbv

RT: 5.01 min Scan# 692

Delta R.T. 0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

Tgt Ion: 63 Resp: 201619

Ion Ratio Lower Upper

63 100

98 4.2

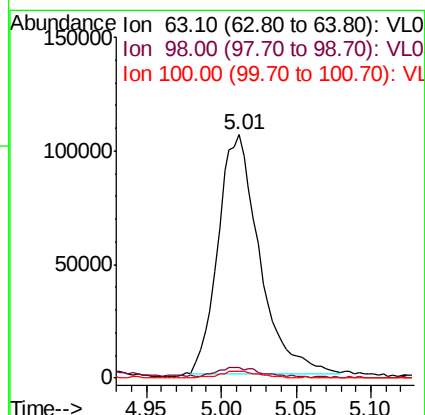
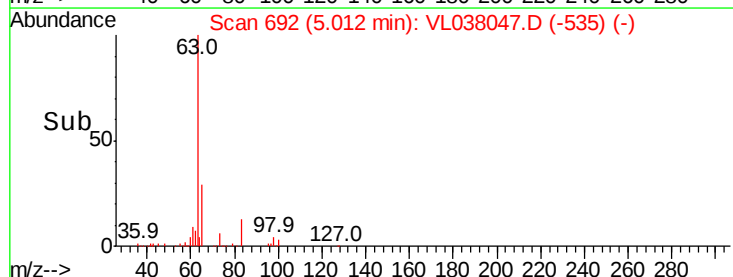
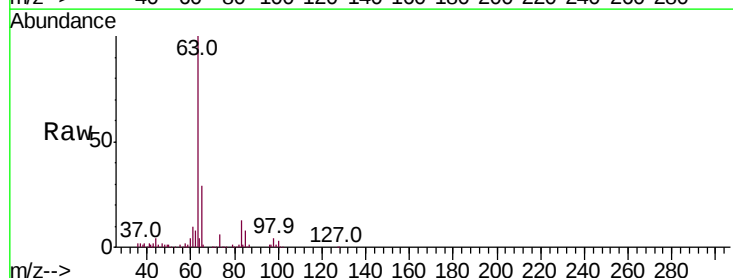
100 2.7

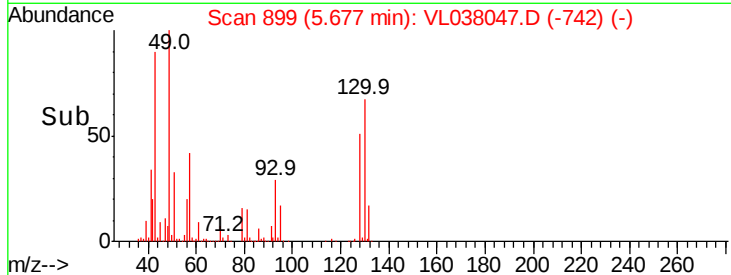
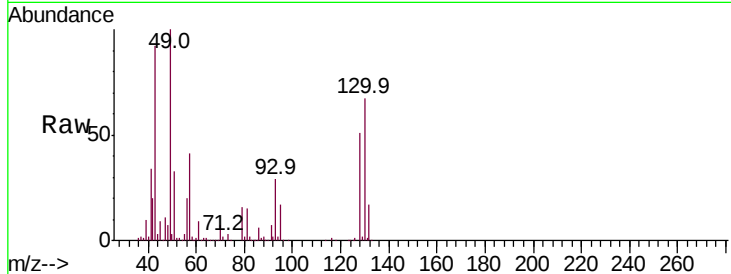
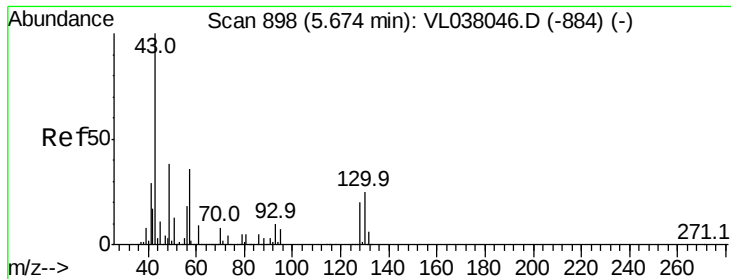
1.8

5.4

1.4

4.0



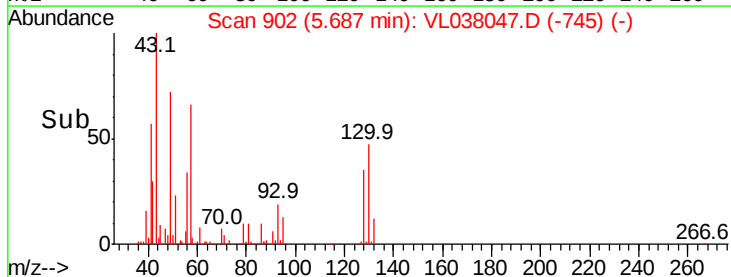
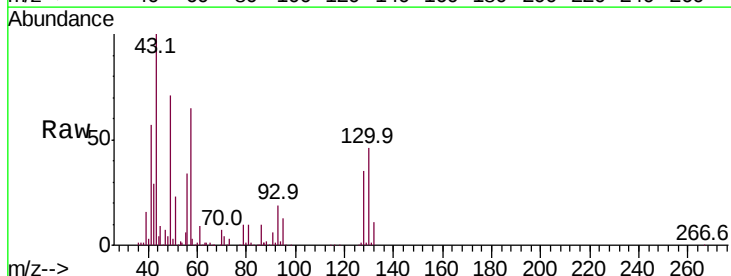
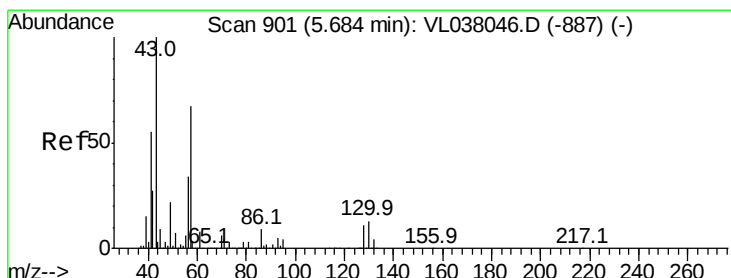
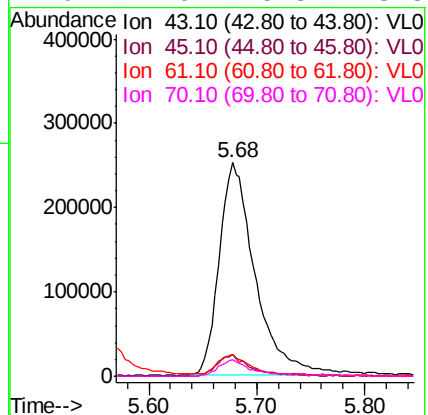


#25
Ethyl Acetate
Concen: 2.252 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 7.0 5.8 8.8

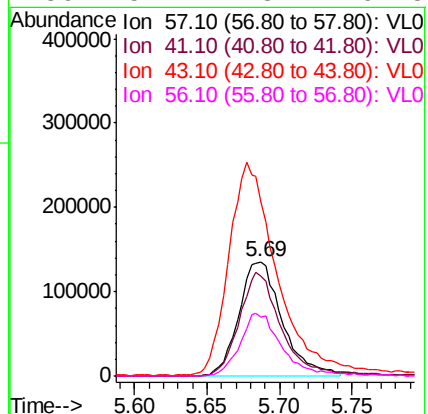
Manual Integrations
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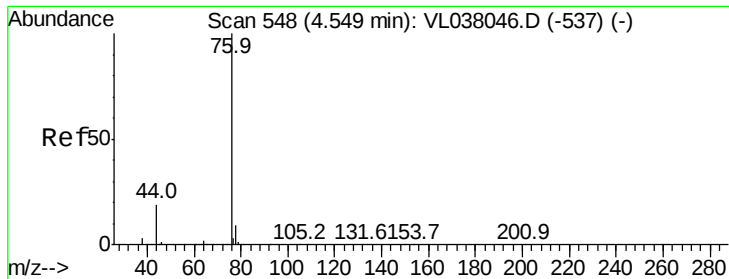
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 2.145 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 57 Resp: 280779
Ion Ratio Lower Upper
57 100
41 89.6 71.4 107.2
43 216.5 174.6 261.8
56 54.1 43.2 64.8



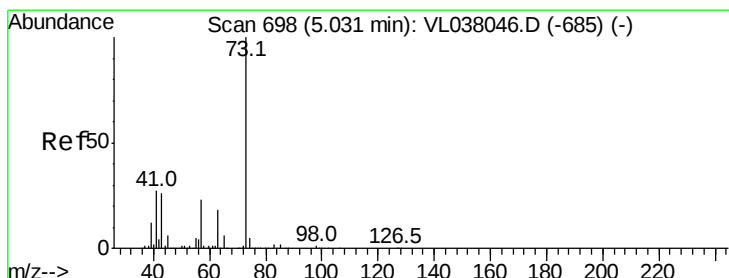
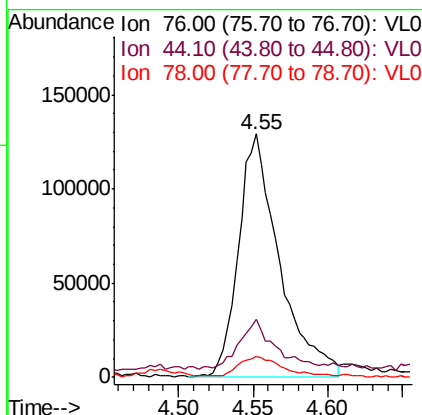
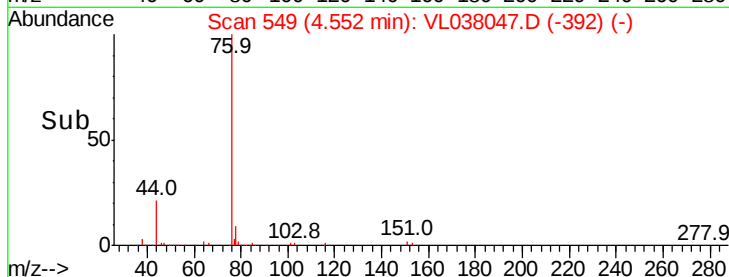
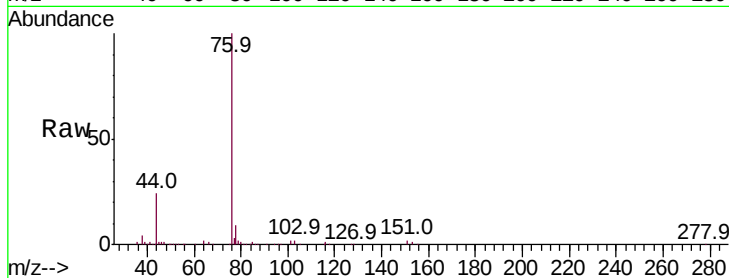


#27
Carbon Disulfide
Concen: 1.417 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
76 100
44 23.
78 10.

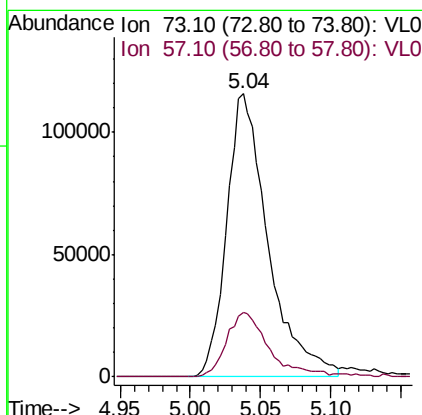
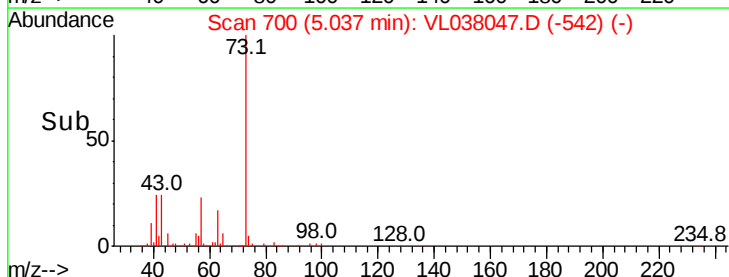
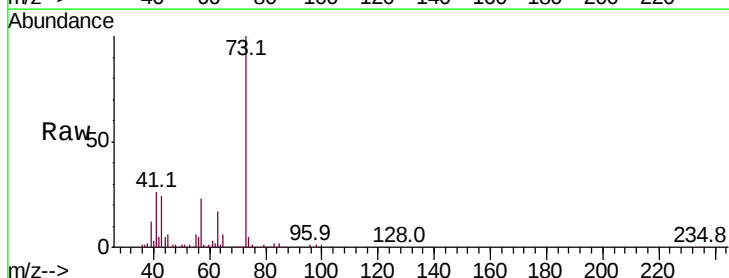
Manual Integrations
APPROVED

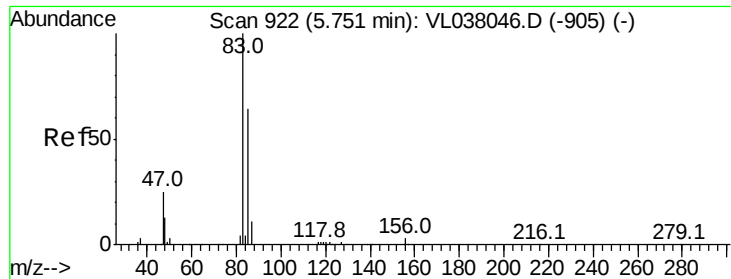
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
Methyl tert-Butyl Ether
Concen: 1.417 ppbv
RT: 5.04 min Scan# 700
Delta R.T. 0.01 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 73 Resp: 237832
Ion Ratio Lower Upper
73 100
57 24.2 19.0 28.4



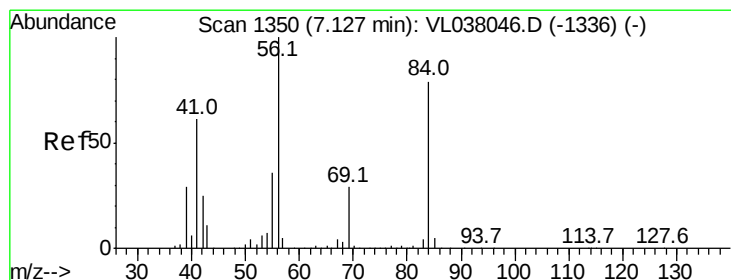
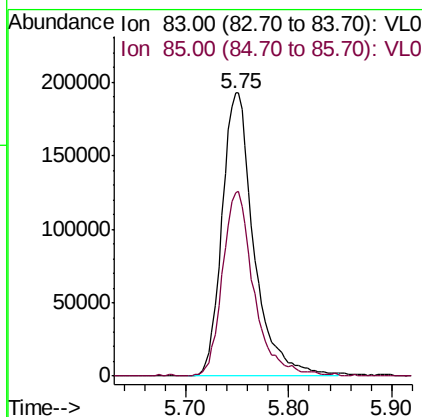
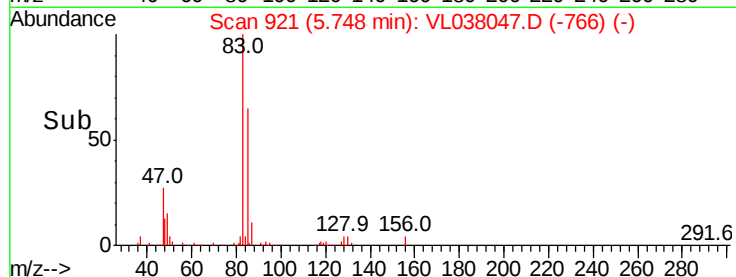
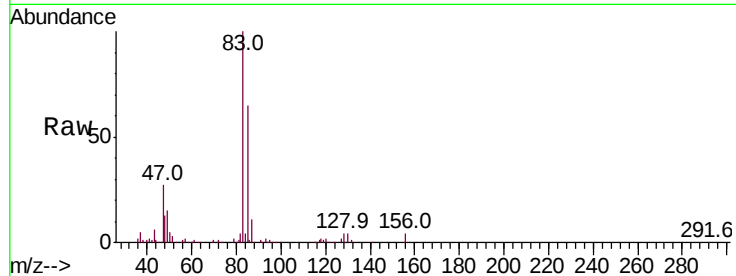


#29
Chloroform
Concen: 2.111 ppbv
RT: 5.75
Delta R.T.: MSVOA_1
Lab File: ClientSampleId :
VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Rati
83 100
85 64.

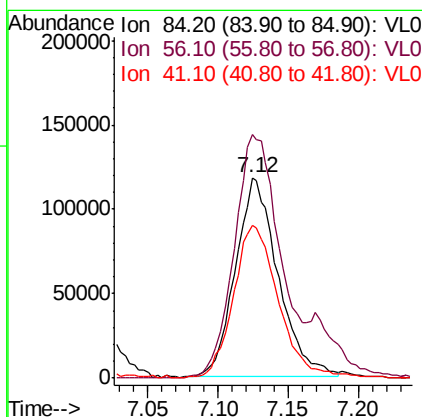
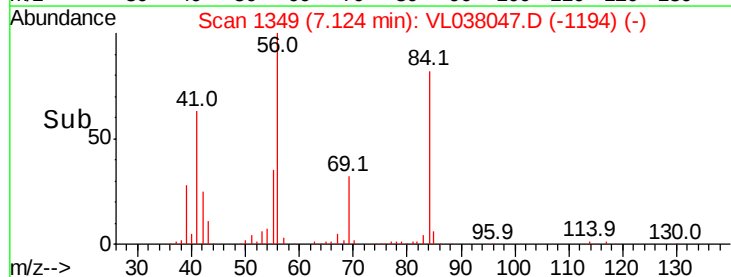
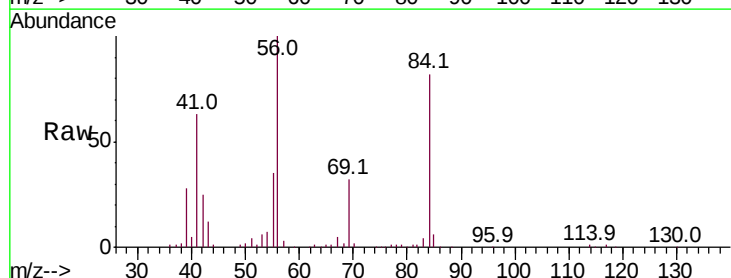
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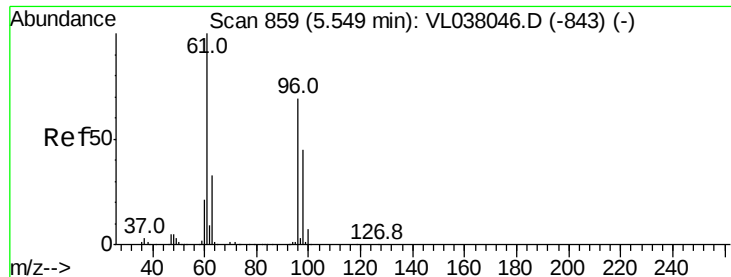
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 1.699 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 84 Resp: 250434
Ion Ratio Lower Upper
84 100
56 153.1 108.1 162.1
41 82.1 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 2.451 ppbv

RT: 5.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

61 100

96 71.

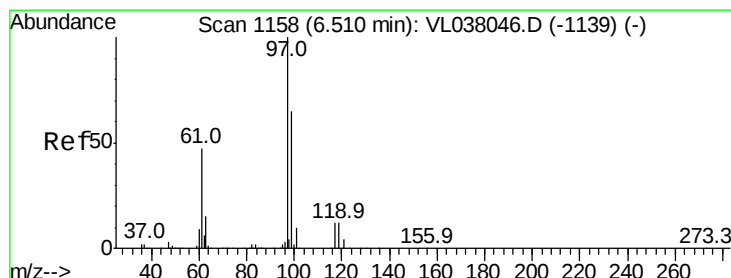
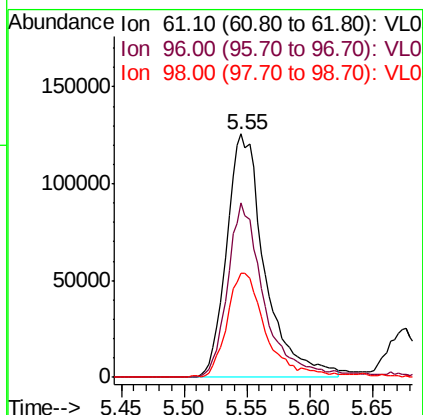
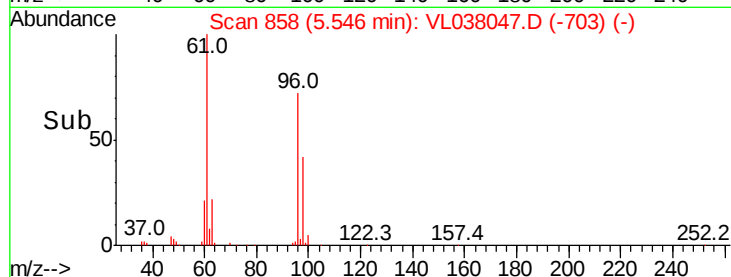
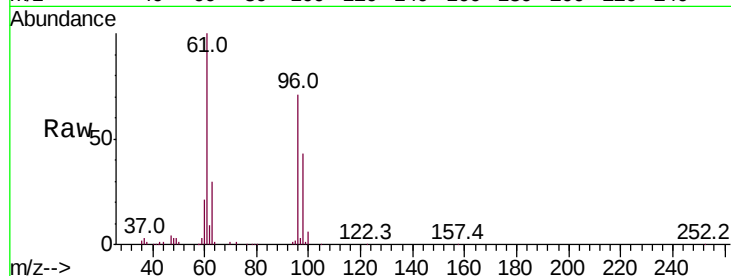
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 1.664 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

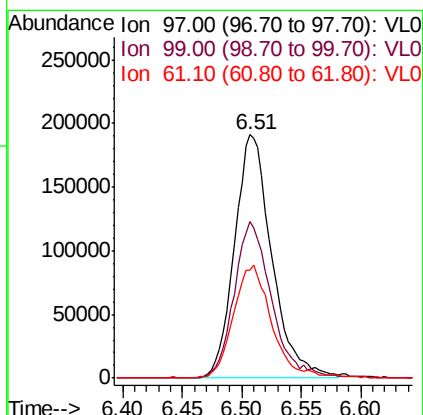
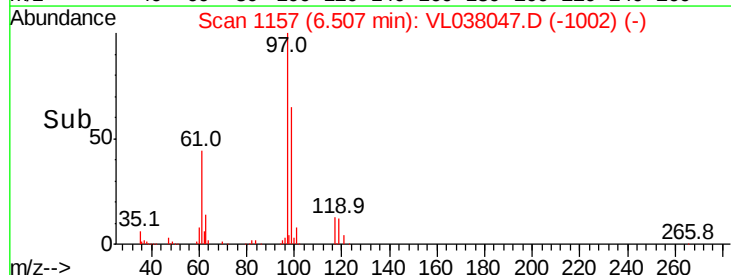
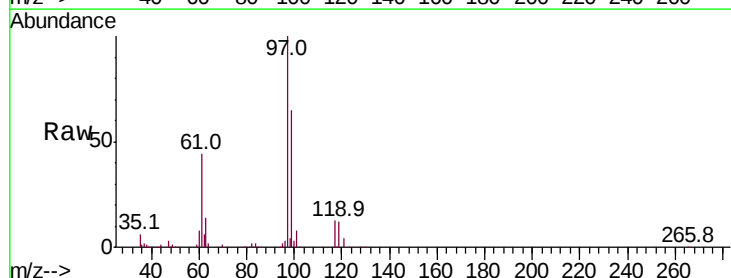
Tgt Ion: 97 Resp: 416237

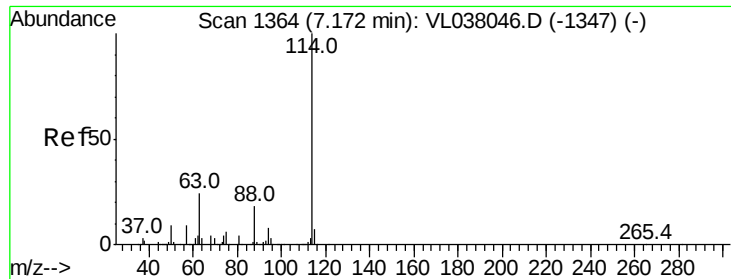
Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.4

61 48.2 37.7 56.5



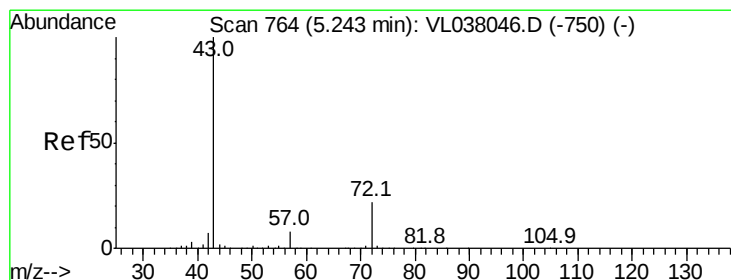
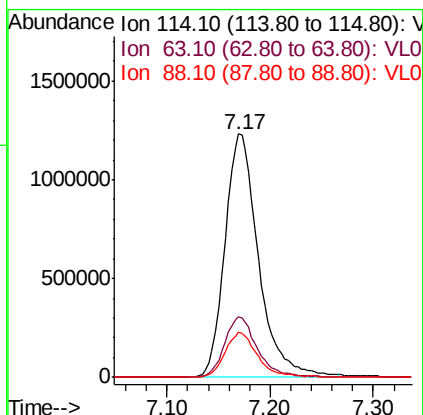
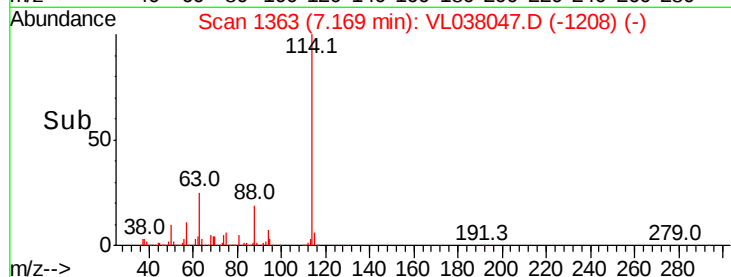
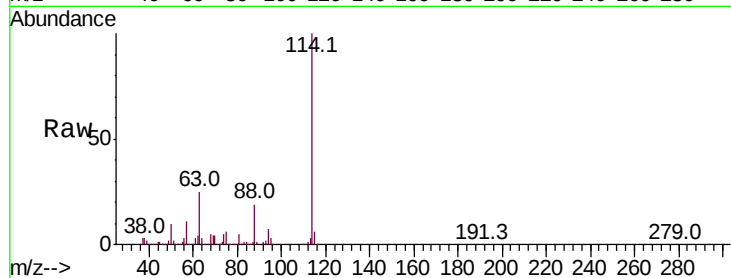


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

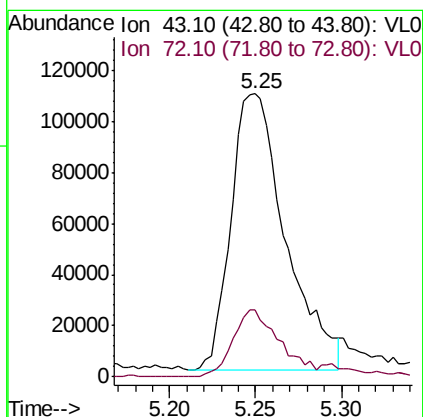
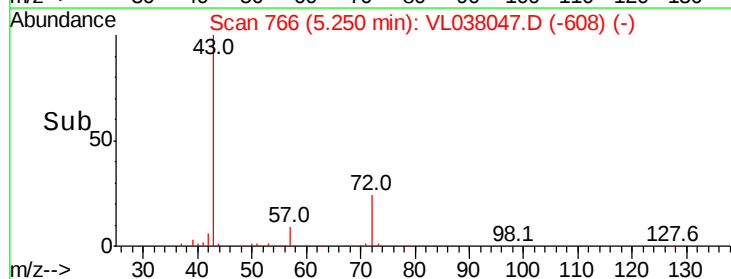
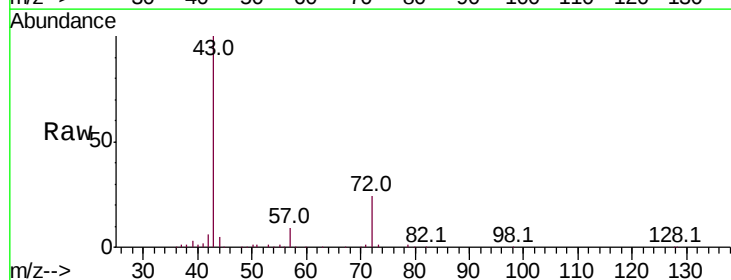
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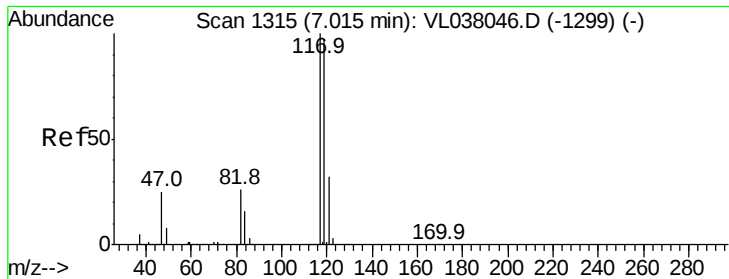
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 2.601 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.01 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion: 43 Resp: 239770
 Ion Ratio Lower Upper
 43 100
 72 24.5 18.8 28.2



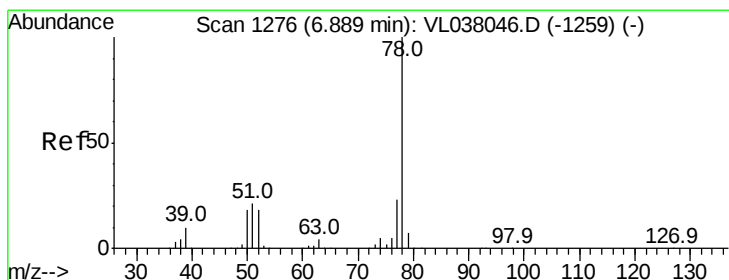
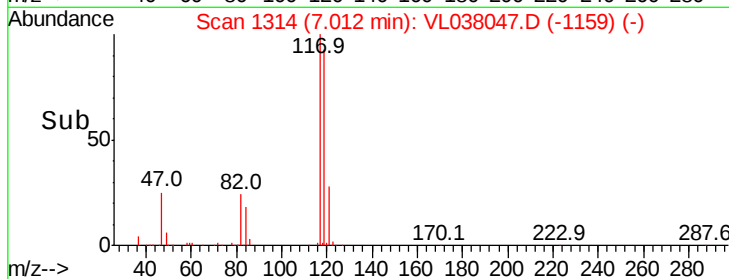
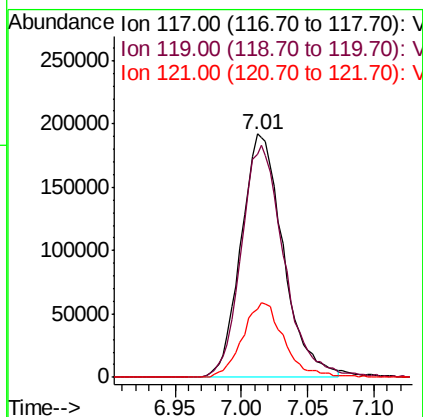
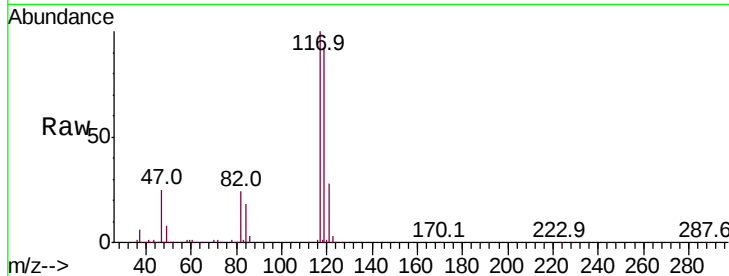


#35
Carbon Tetrachloride
Concen: 2.199 ppbv
RT: 7.01
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:1
Ion Rati
117 100
119 91.
121 27.

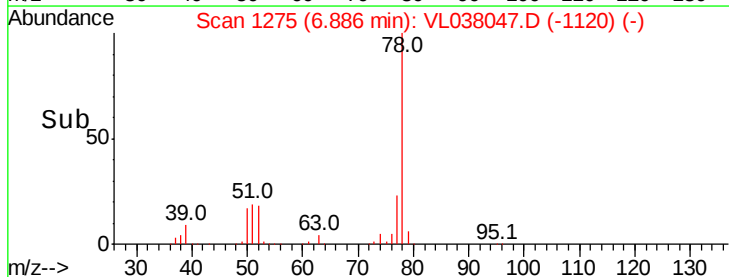
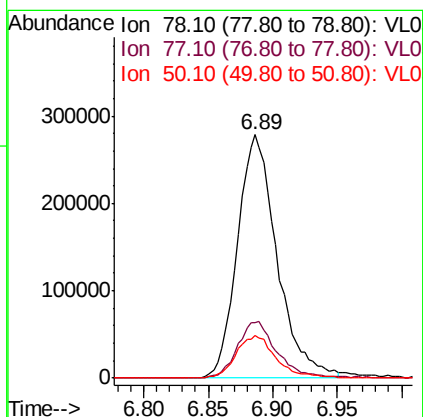
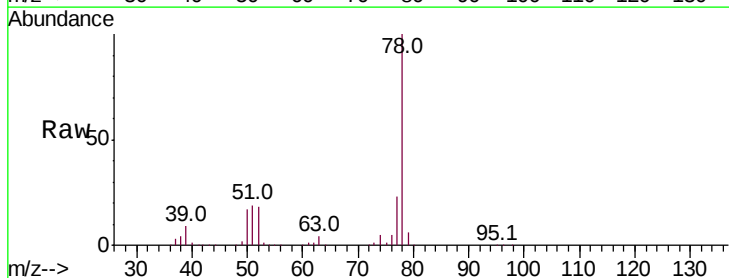
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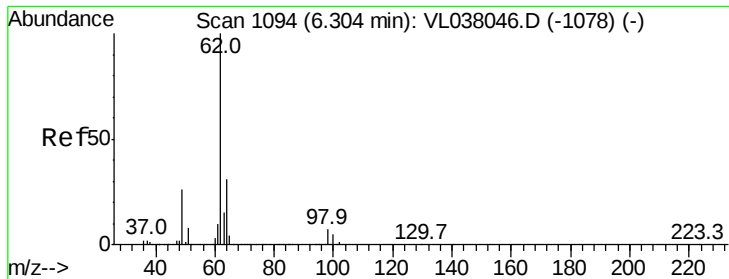
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 2.243 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 78 Resp: 596276
Ion Ratio Lower Upper
78 100
77 22.7 18.2 27.4
50 17.3 14.7 22.1





#37

1,2-Dichloroethane

Concen: 2.328 ppbv

RT: 6.30 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

62 100

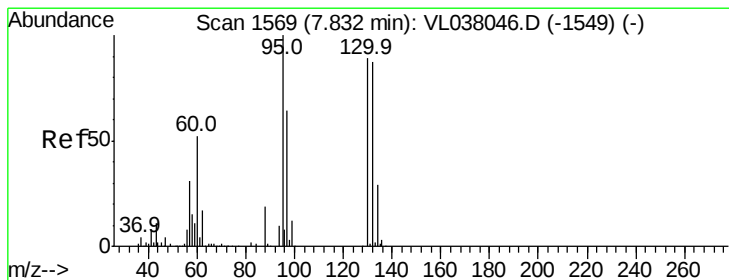
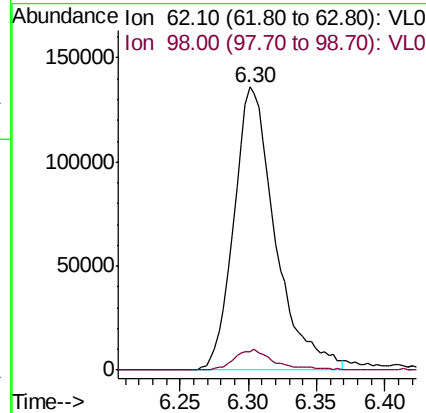
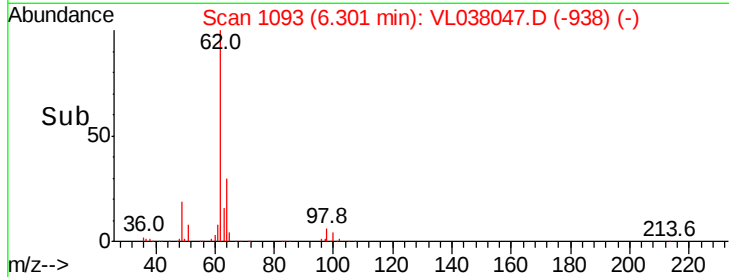
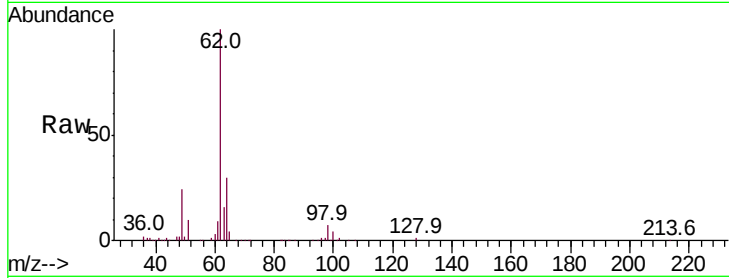
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#38

Trichloroethene

Concen: 2.004 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

Tgt Ion:130 Resp: 216465

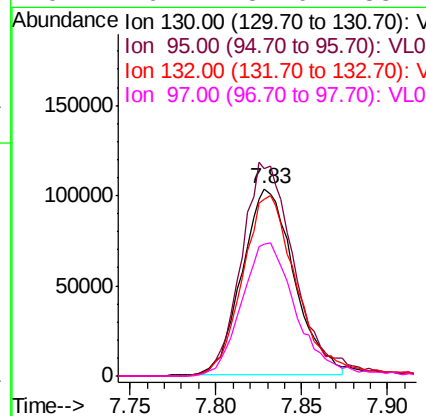
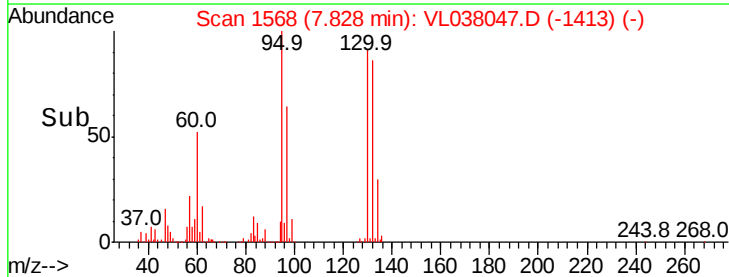
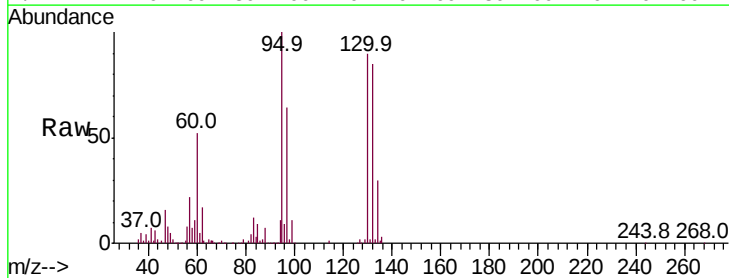
Ion Ratio Lower Upper

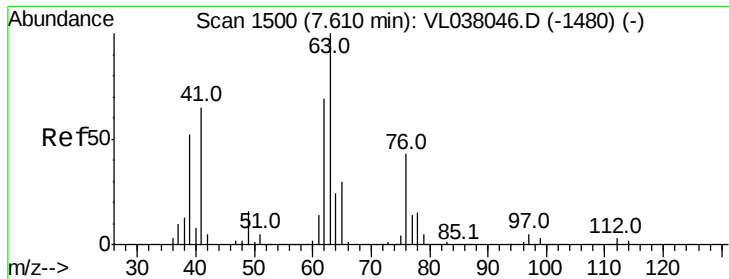
130 100

95 110.6 89.4 134.2

132 94.6 78.2 117.2

97 70.7 57.0 85.4



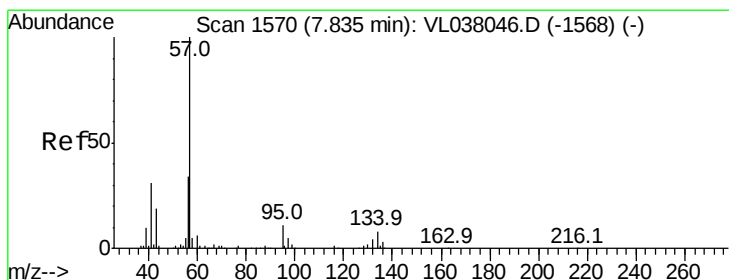
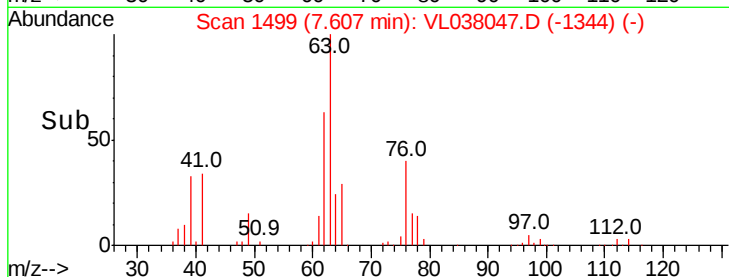
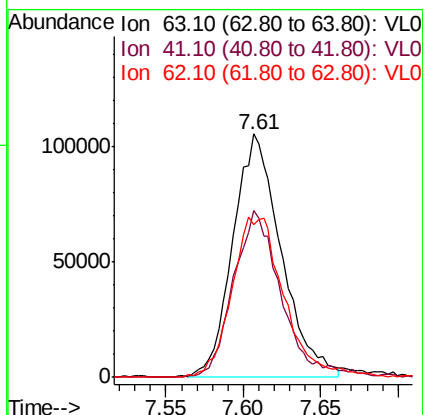
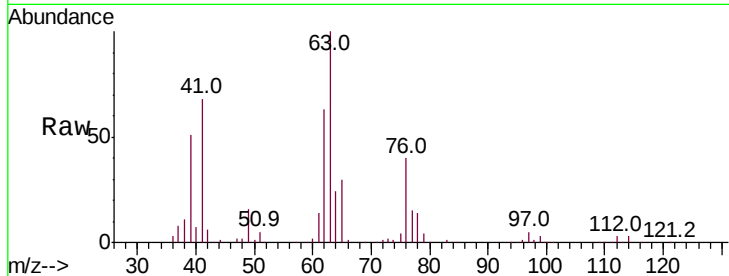


#39
 1,2-Dichloropropane
 Concen: 2.203 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

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

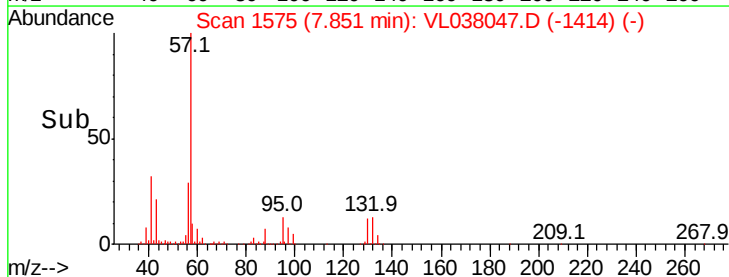
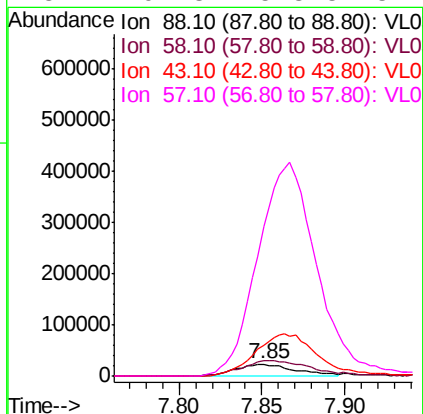
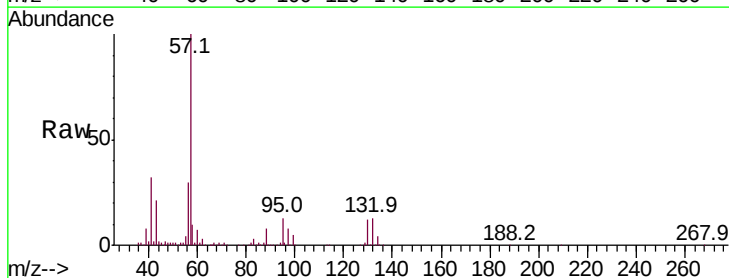
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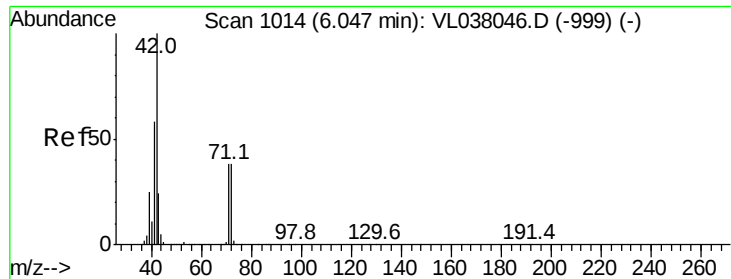
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 2.188 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.02 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion: 88 Resp: 57986
 Ion Ratio Lower Upper
 88 100
 58 158.4 229.2 343.8#
 43 384.7 553.3 829.9#
 57 1797.3 2513.8 3770.8#



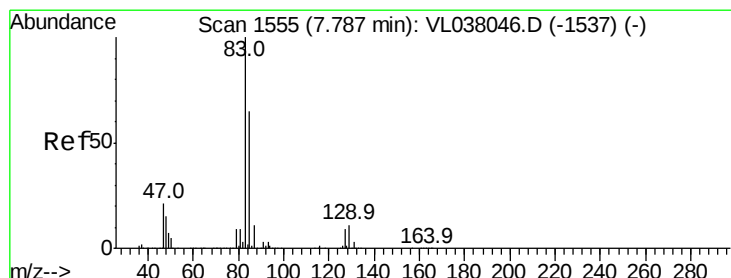
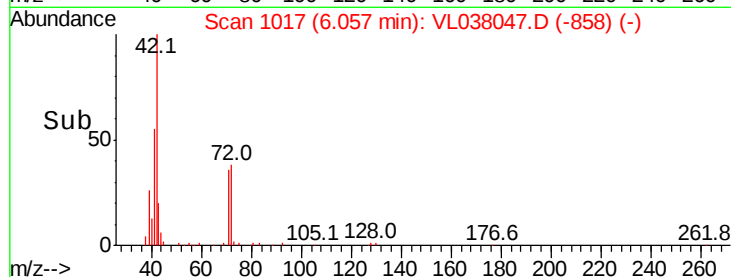
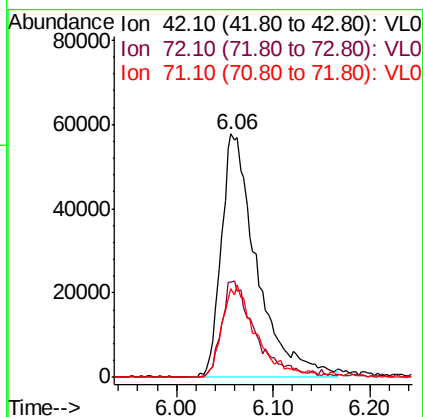
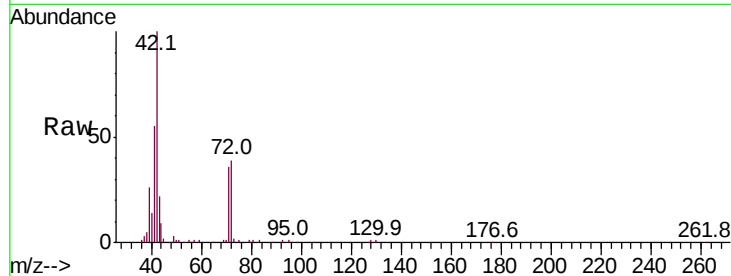


#41
Tetrahydrofuran
Concen: 2.243 ppbv m
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
42 100
72 38.
71 37.

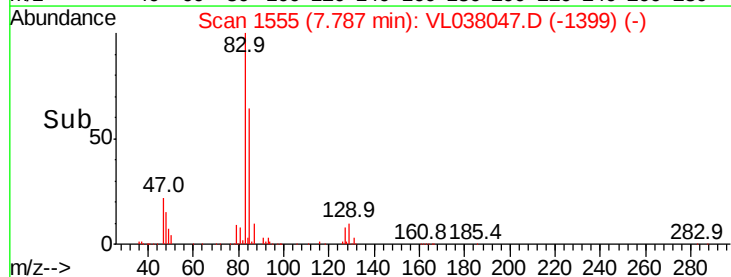
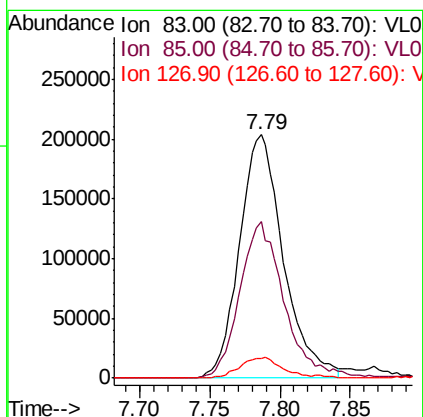
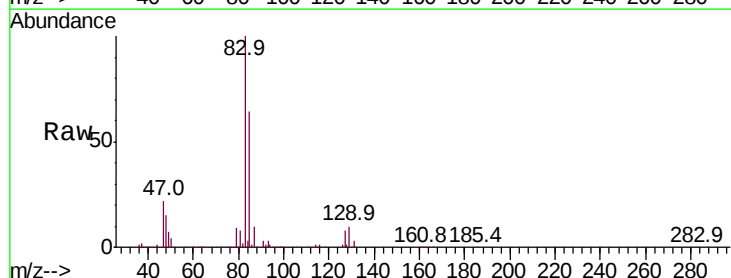
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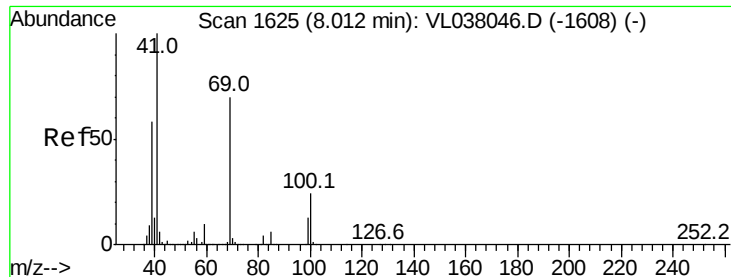
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 2.285 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 83 Resp: 443963
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9
127 8.0 6.8 10.2



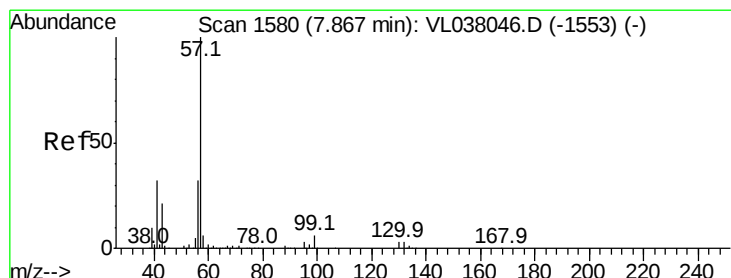
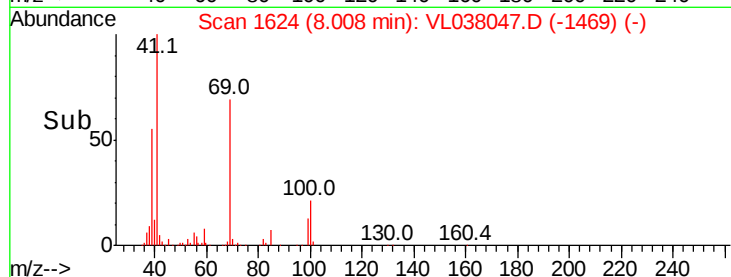
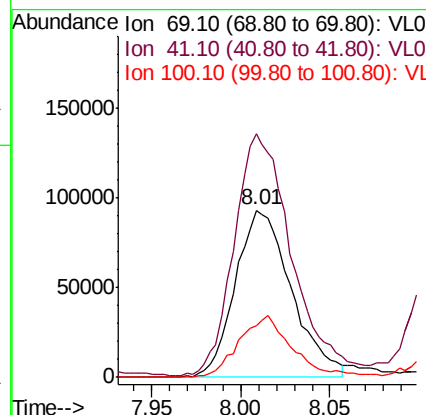
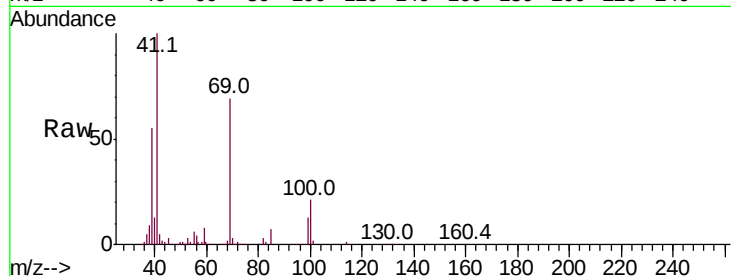


#43
Methyl Methacrylate
Concen: 2.132 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
69 100
41 151.
100 35.

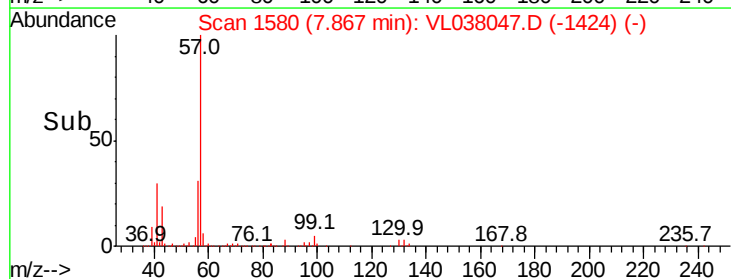
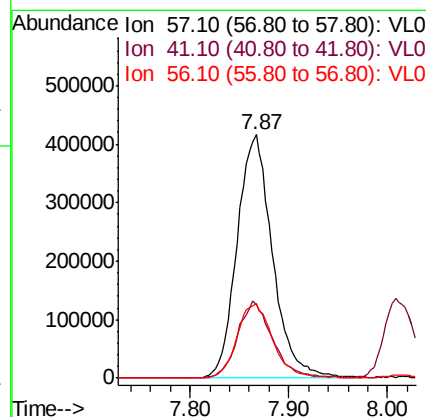
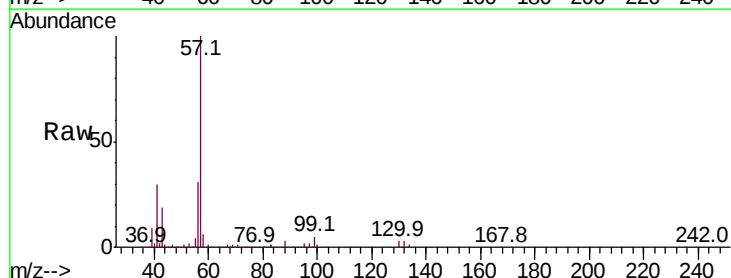
Manual Integrations
APPROVED

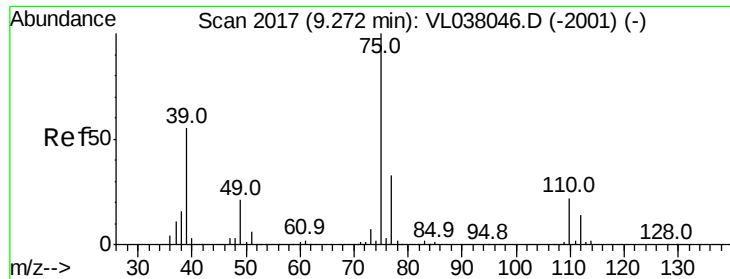
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
2,2,4-Trimethylpentane
Concen: 2.273 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 57 Resp: 1038278
Ion Ratio Lower Upper
57 100
41 31.4 25.8 38.6
56 31.1 25.6 38.4



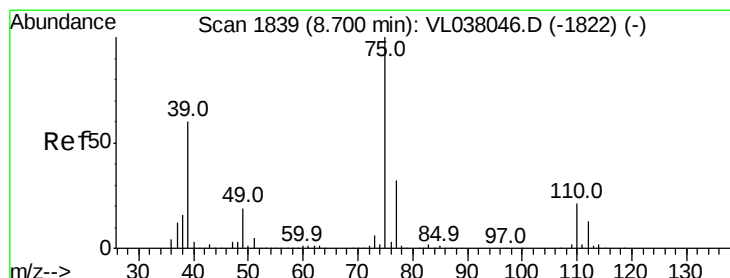
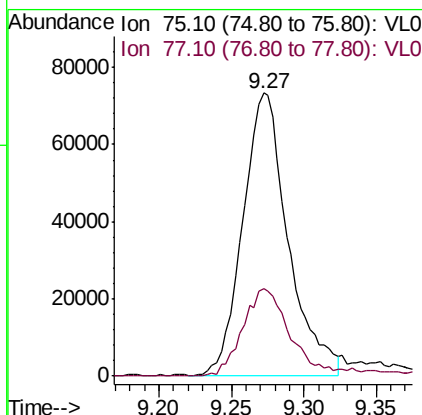
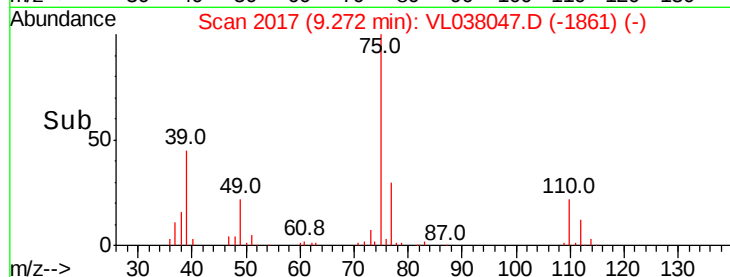
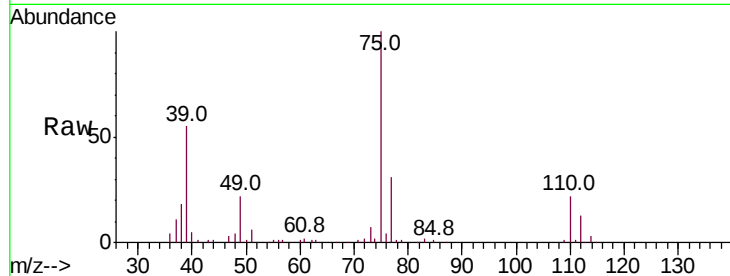


#45
 t-1,3-Dichloropropene
 Concen: 2.017 ppbv
 RT: 9.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:
 Ion Rati
 75 100
 77 30.

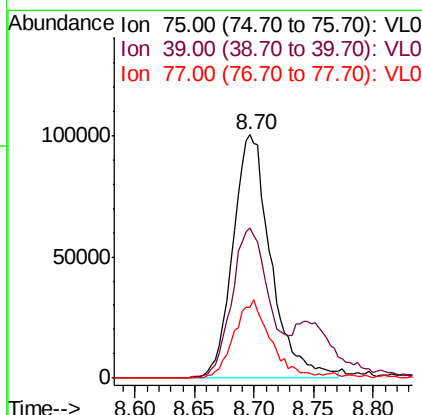
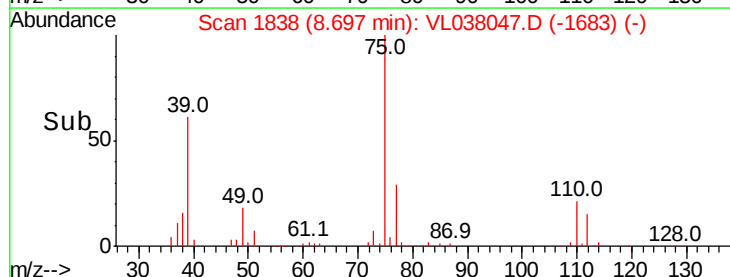
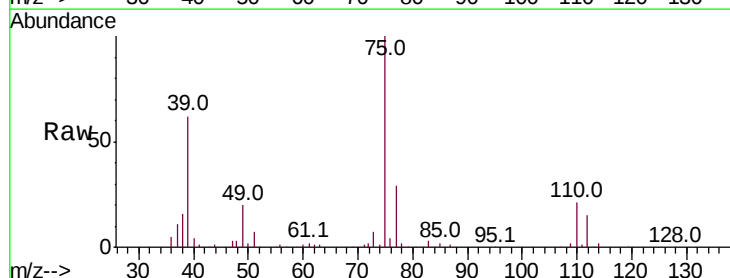
Manual Integrations
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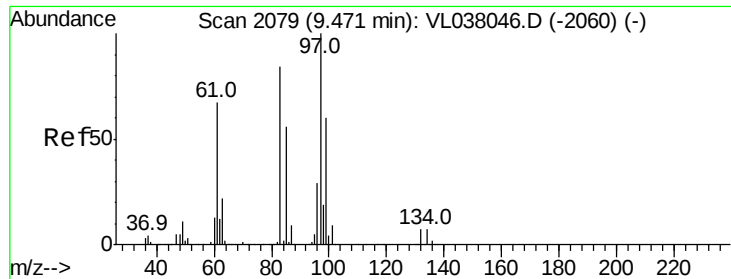
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 2.158 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion: 75 Resp: 221481
 Ion Ratio Lower Upper
 75 100
 39 61.6 47.8 71.8
 77 28.9 25.5 38.3



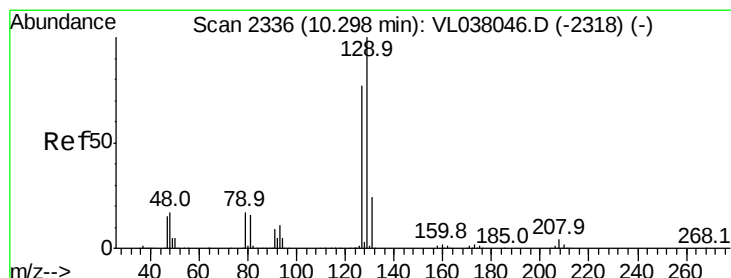
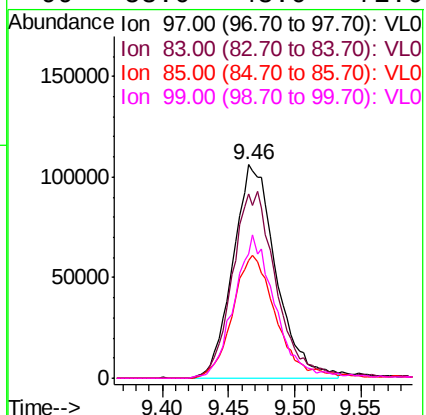
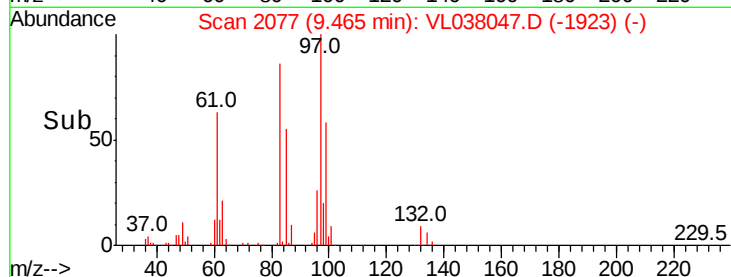
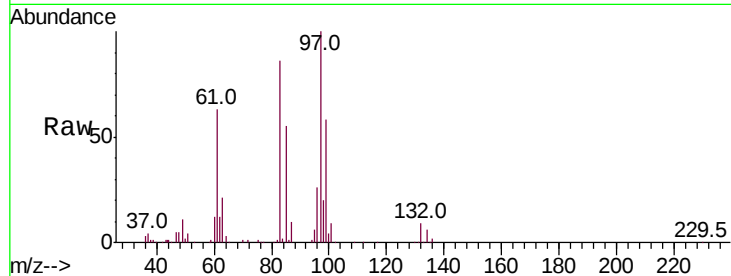


#47
 1,1,2-Trichloroethane
 Concen: 2.308 ppbv
 RT: 9.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:
 Ion Ratio
 97 100
 83 85.
 85 54.
 99 58.0 48.0 72.0

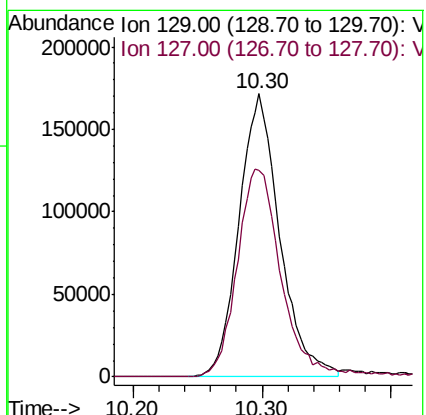
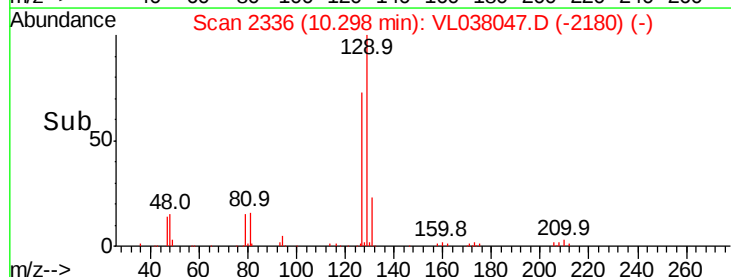
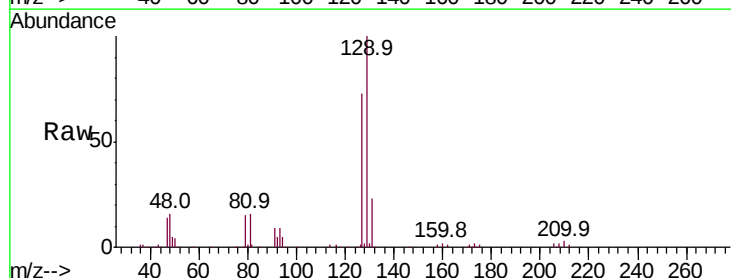
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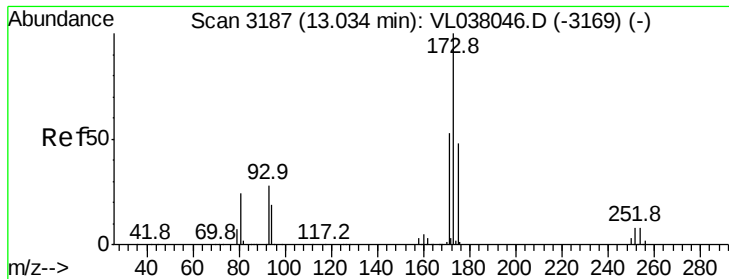
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#48
 Dibromochloromethane
 Concen: 2.223 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T. 0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion:129 Resp: 377266
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.4 118.1





#49

Bromoform

Concen: 2.131 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:1

Ion Rati

173 100

175 50.

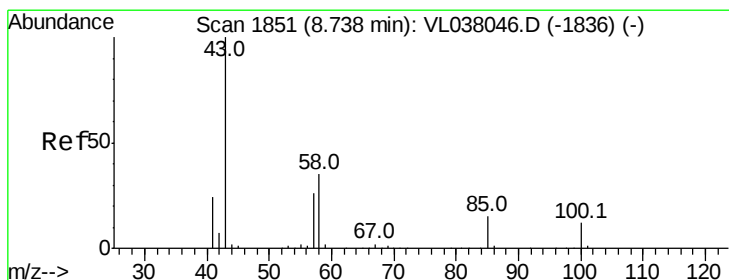
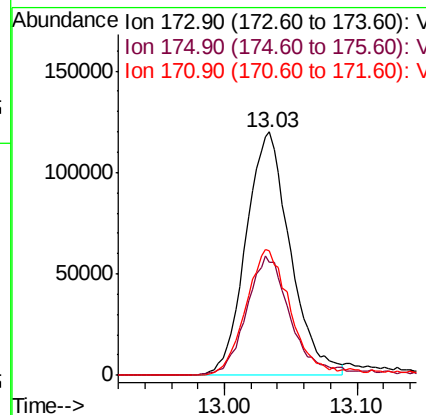
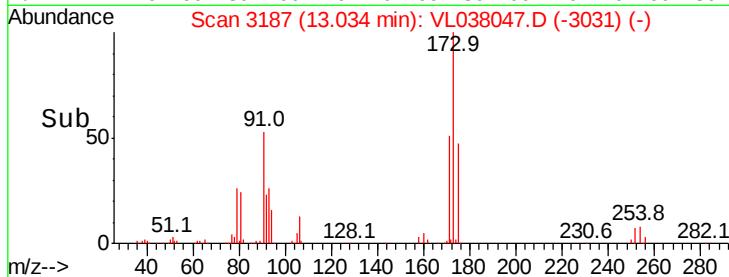
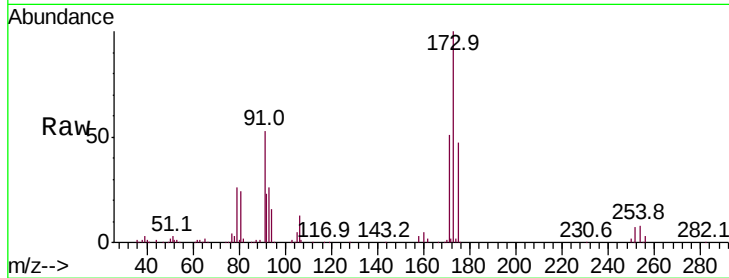
171 54.

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: 2.172 ppbv

RT: 8.75 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VL038047.D

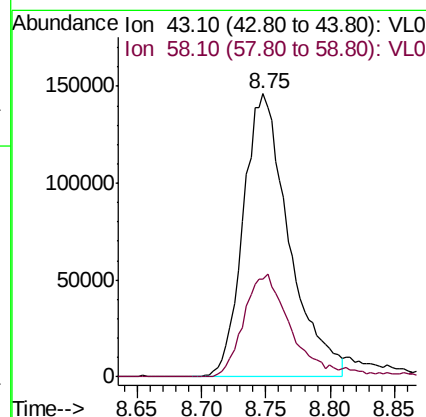
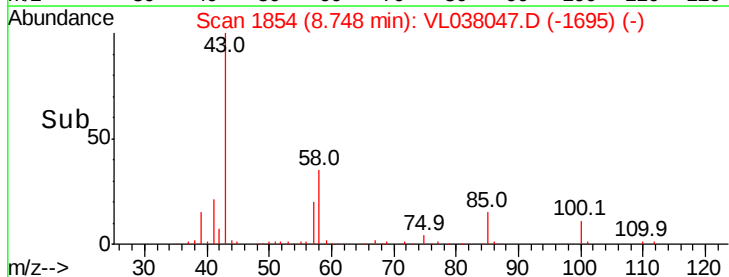
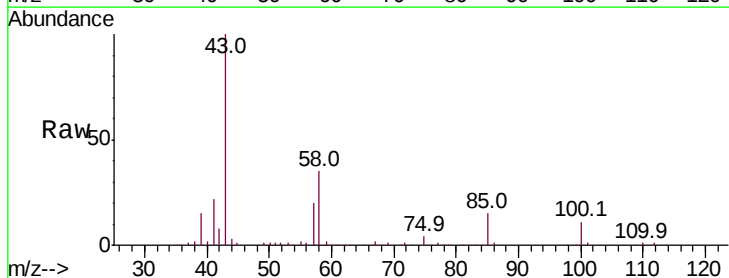
Acq: 18 Nov 2021 9:27

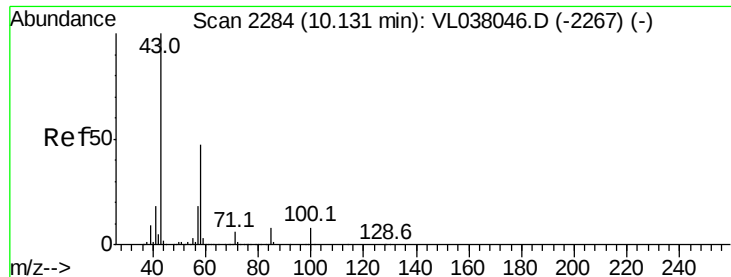
Tgt Ion: 43 Resp: 360959

Ion Ratio Lower Upper

43 100

58 39.7 29.4 44.2



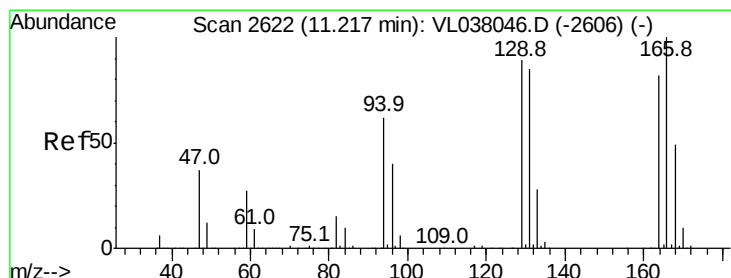
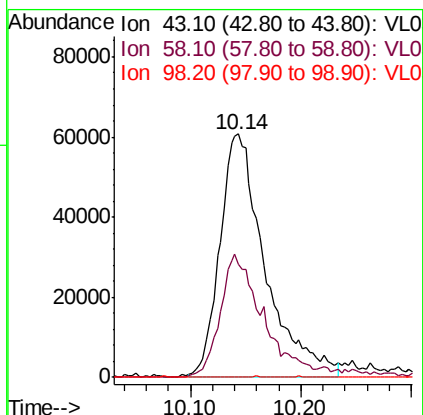
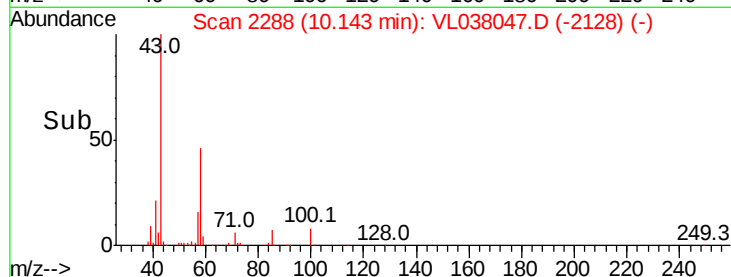
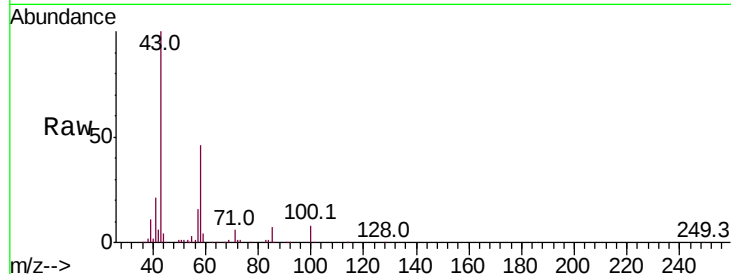


#51
2-Hexanone
Concen: 2.240 ppbv m
RT: 10.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
43 100
58 50.
98 0.

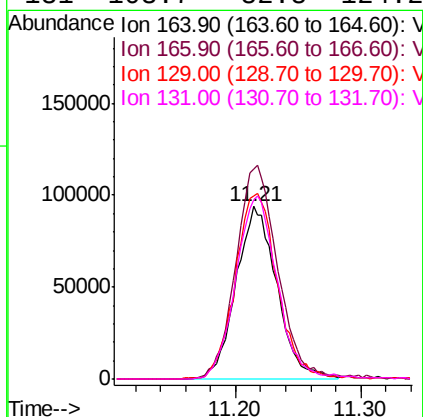
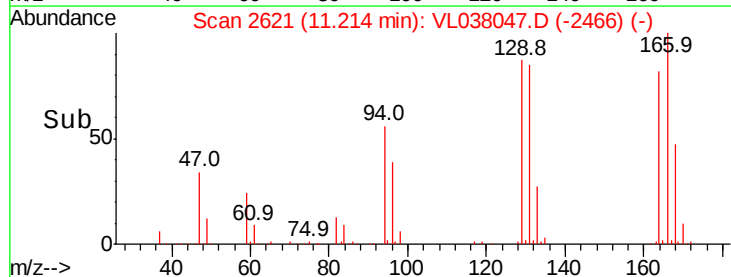
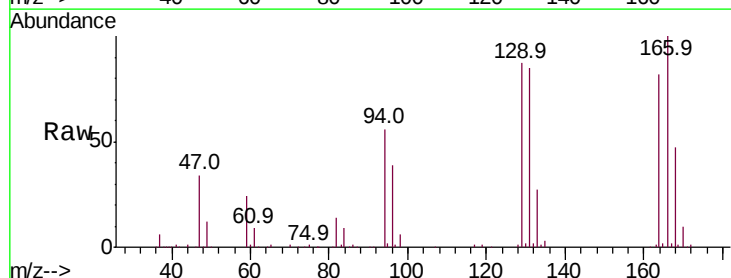
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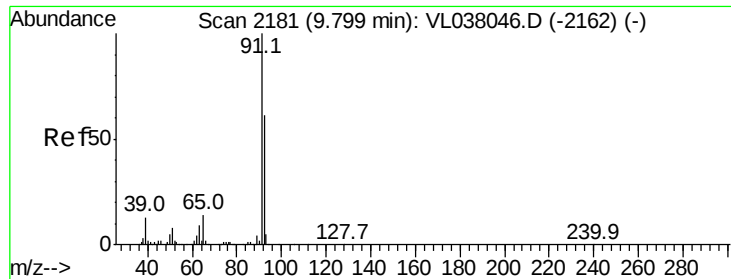
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#52
Tetrachloroethene
Concen: 2.108 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion:164 Resp: 211602
Ion Ratio Lower Upper
164 100
166 121.6 97.2 145.8
129 105.6 86.9 130.3
131 103.7 82.8 124.2





#53

Toluene

Concen: 2.247 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

91 100

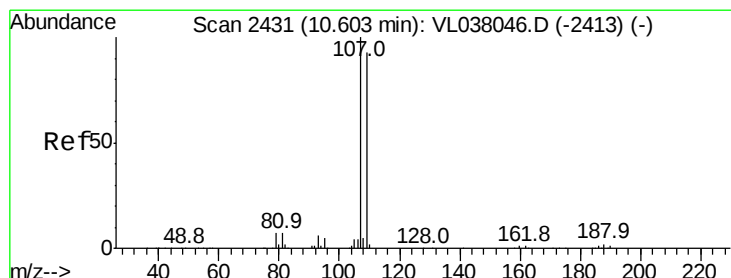
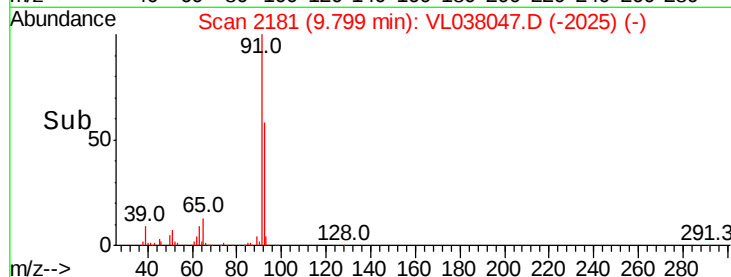
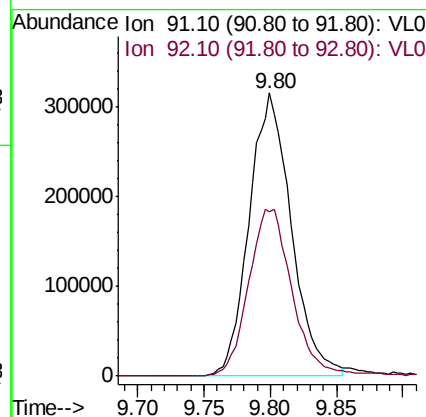
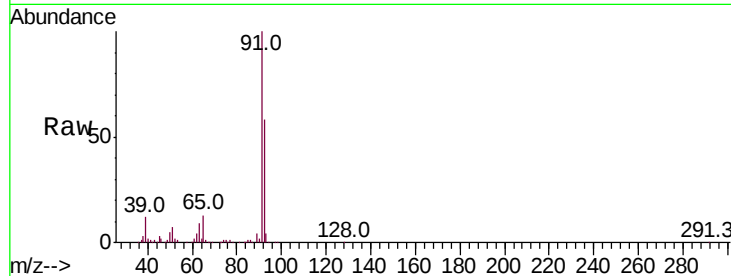
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 2.318 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038047.D

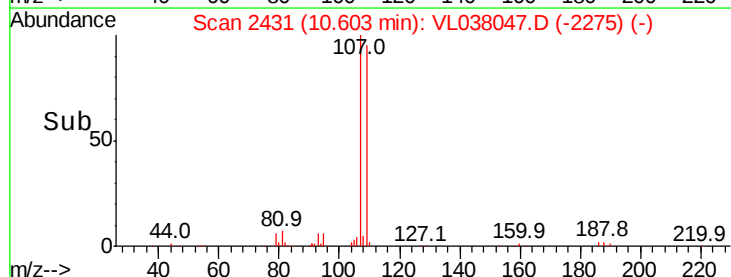
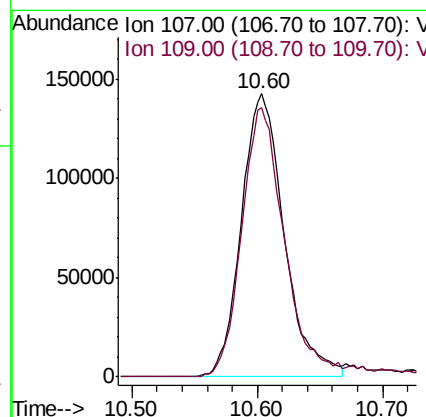
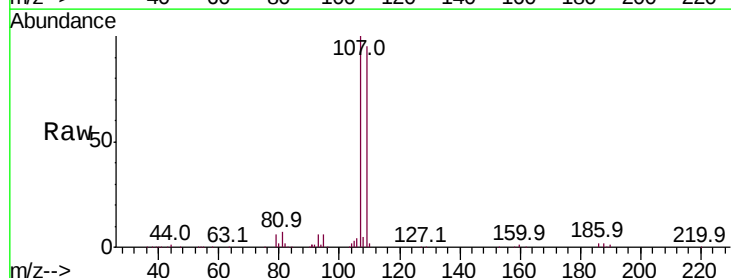
Acq: 18 Nov 2021 9:27

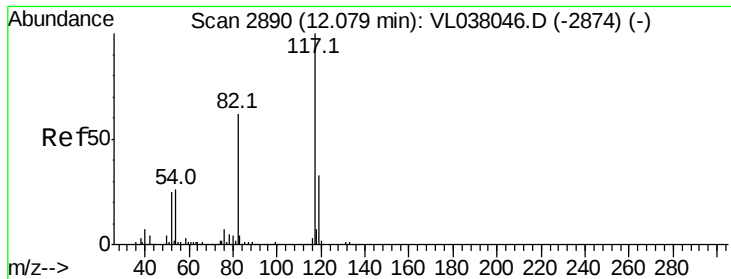
Tgt Ion:107 Resp: 339012

Ion Ratio Lower Upper

107 100

109 95.1 74.6 111.8



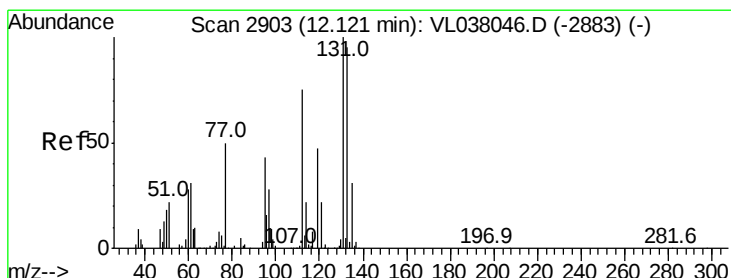
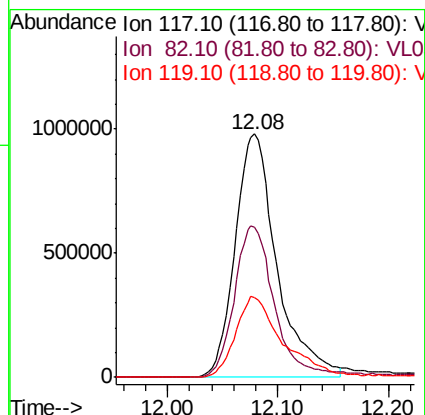
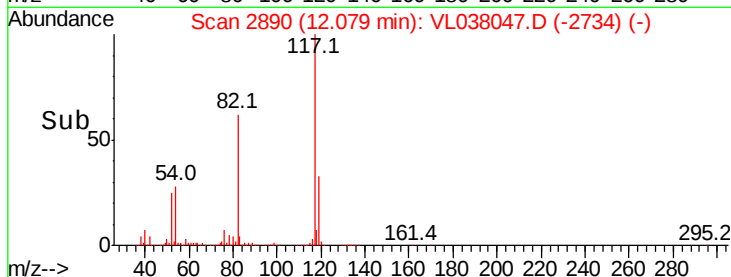
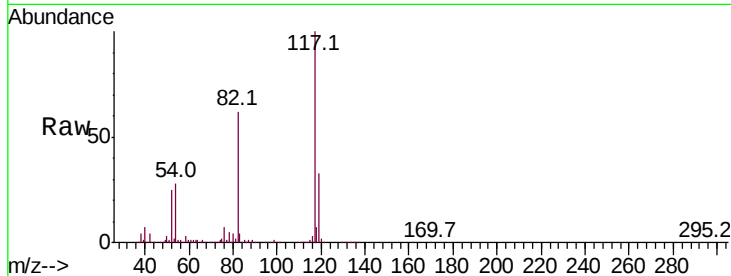


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:1
Ion Rati
117 100
82 62.
119 39.

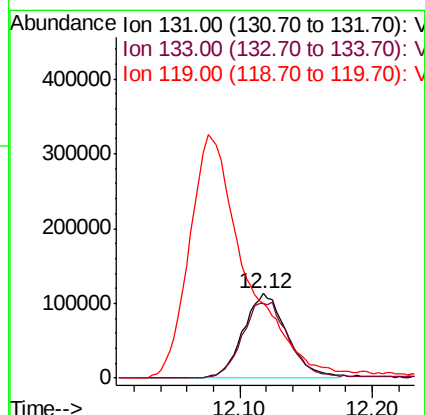
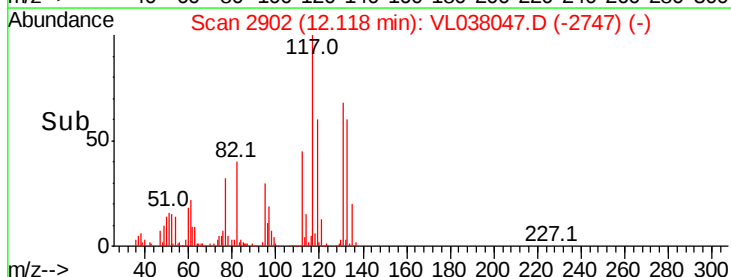
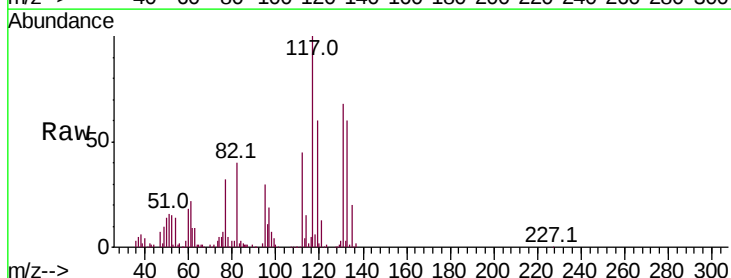
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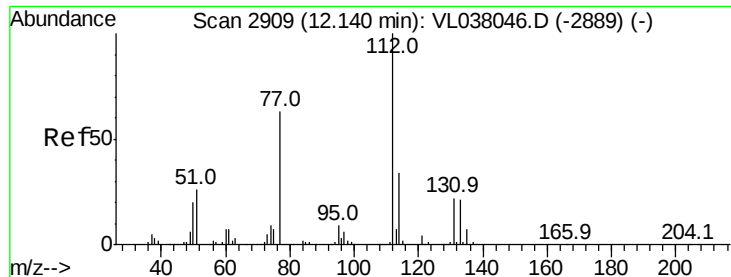
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 2.309 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion:131 Resp: 259575
Ion Ratio Lower Upper
131 100
133 98.0 78.8 118.2
119 383.7 56.3 84.5#



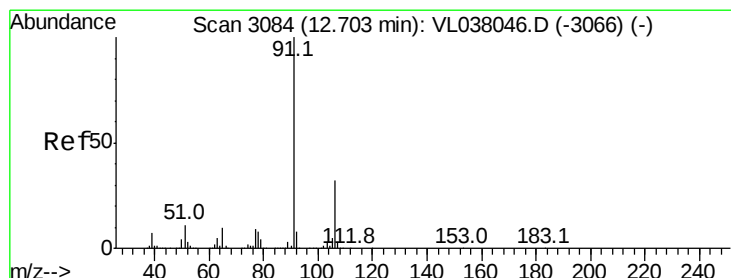
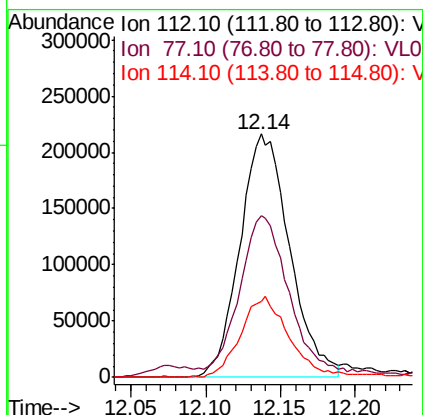
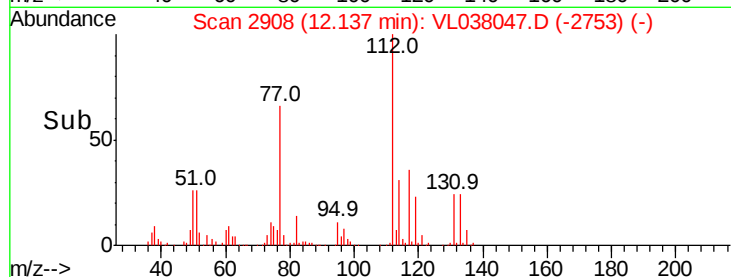
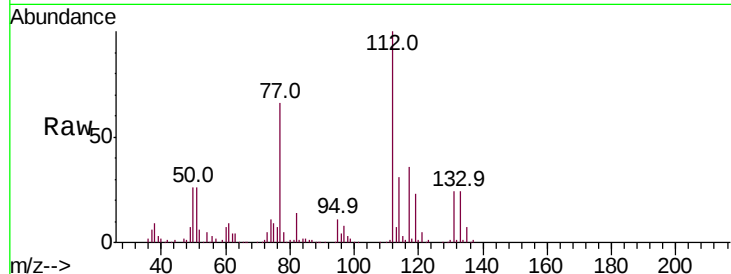


#57
Chlorobenzene
Concen: 2.357 ppbv
RT: 12.14 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 31.

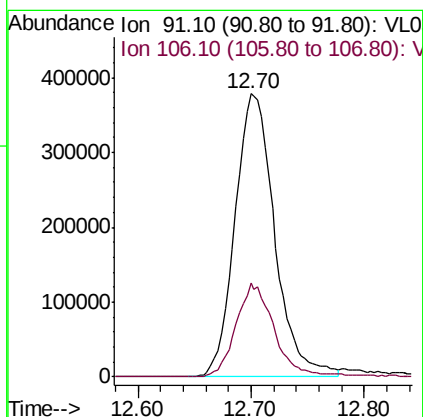
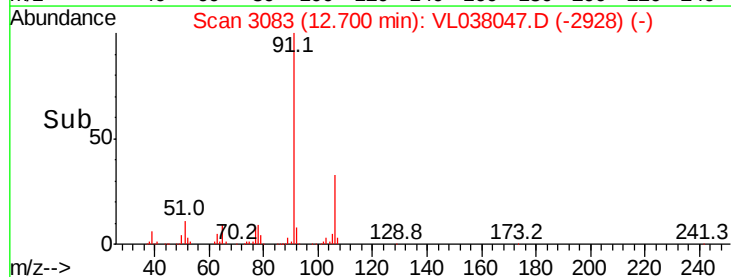
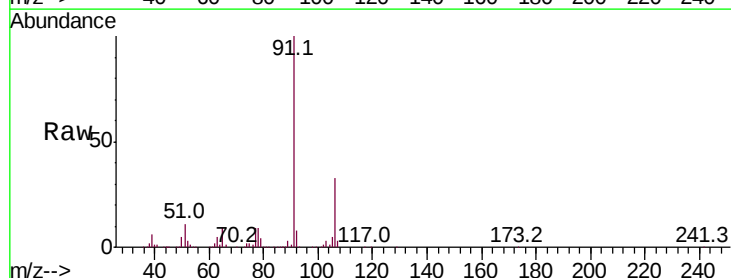
Manual Integrations
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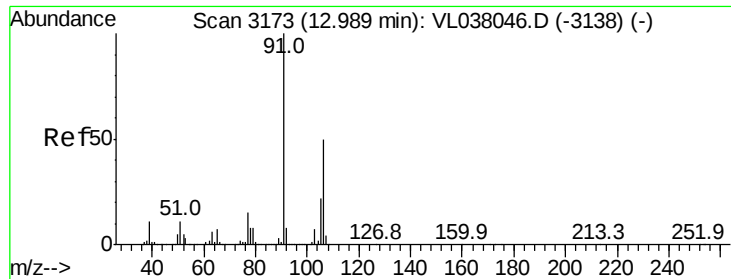
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 2.364 ppbv
RT: 12.70 min Scan# 3083
Delta R.T.: -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 91 Resp: 924494
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.6



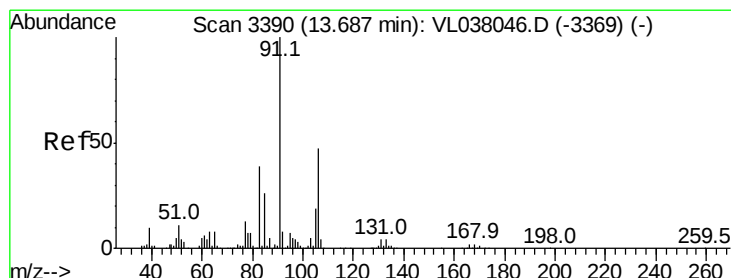
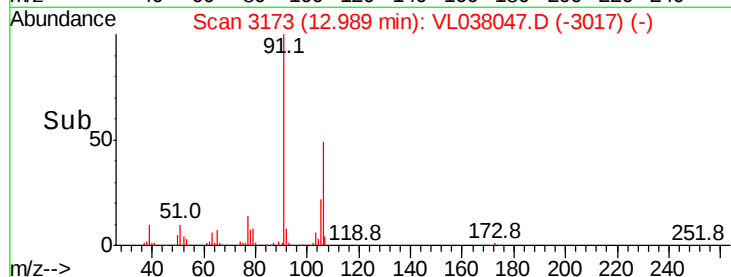
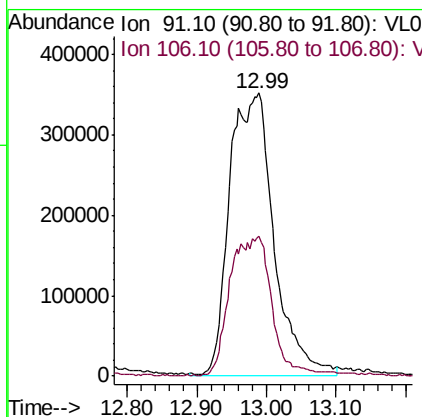
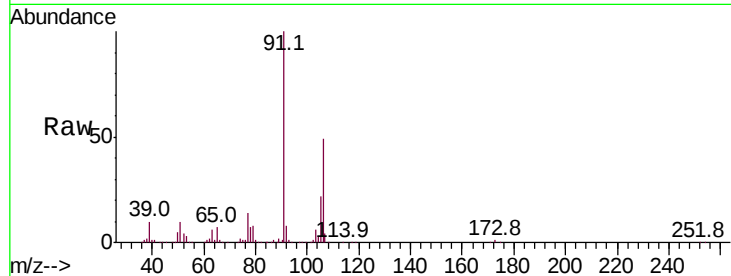


#59
m/p-Xylene
Concen: 4.802 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 9:27

Tot Ion:
Ion Ratio
91 100
106 47.

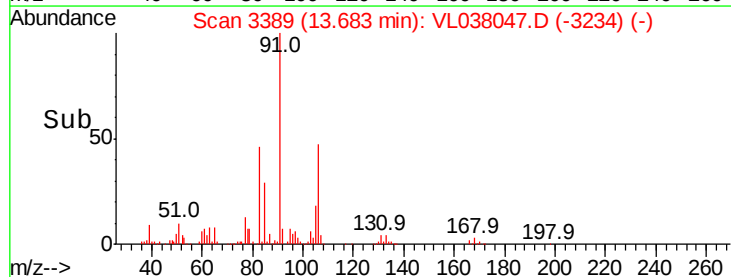
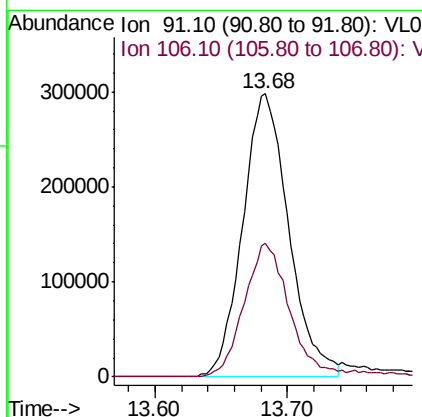
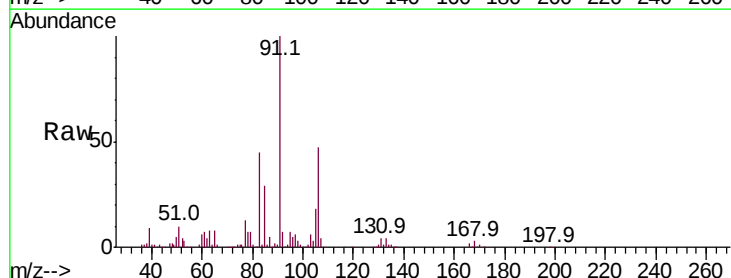
Manual Integrations
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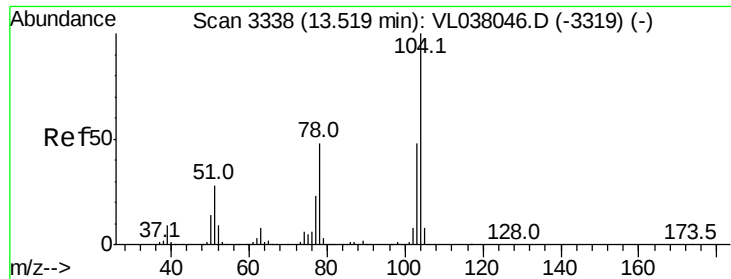
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 2.377 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 91 Resp: 717068
Ion Ratio Lower Upper
91 100
106 49.2 24.2 72.6



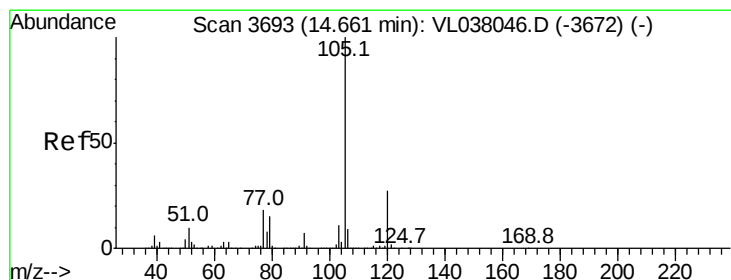
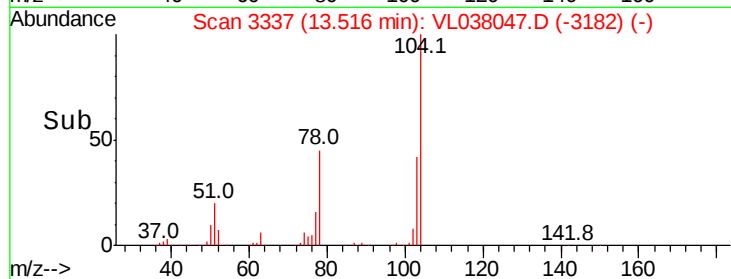
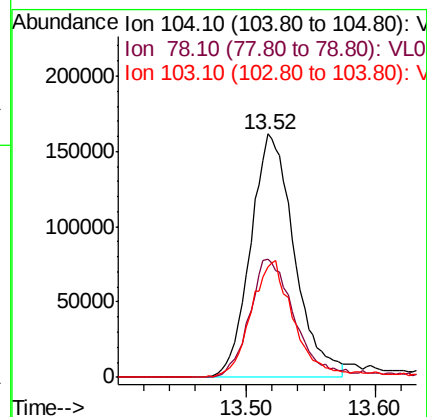
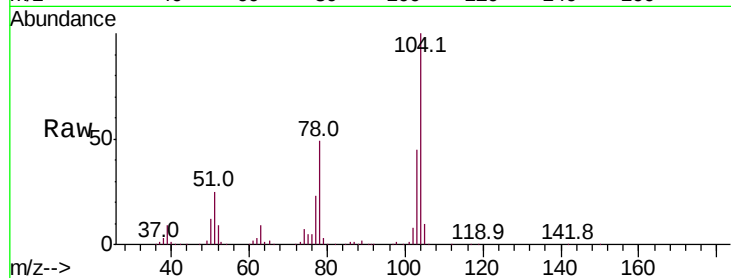


#61
Stvrene
Concen: 2.269 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC002
Acq: 18 Nov 2021 9:27

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

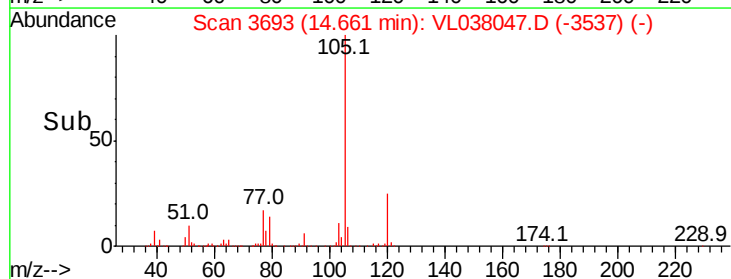
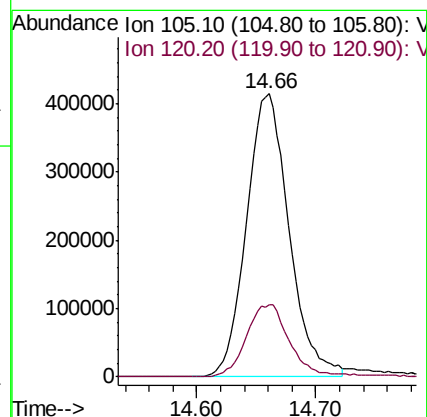
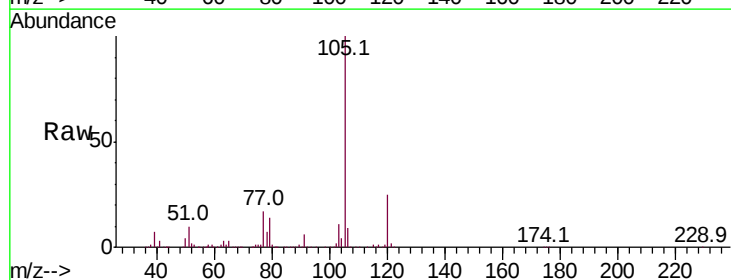
Manual Integrations
APPROVED

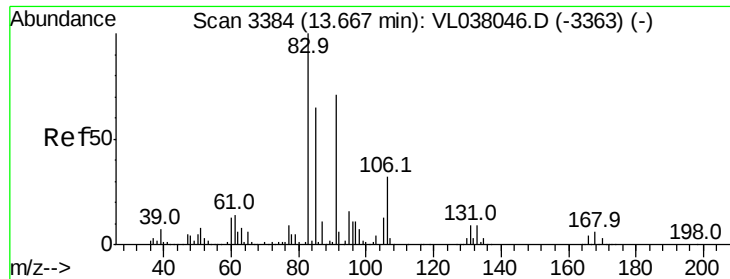
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 2.349 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion:105 Resp: 1024588
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6





#63

1,1,2,2-Tetrachloroethane

Concen: 2.301 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

83 100

131 9.

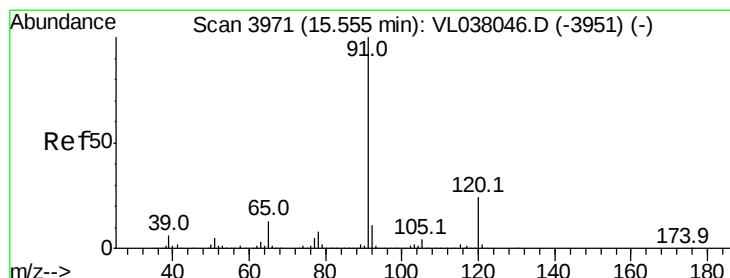
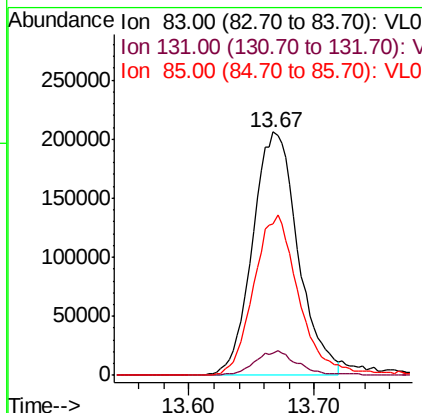
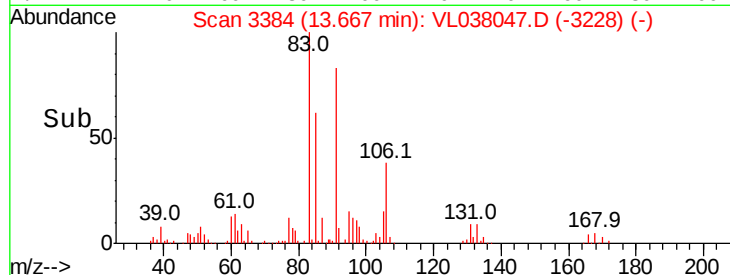
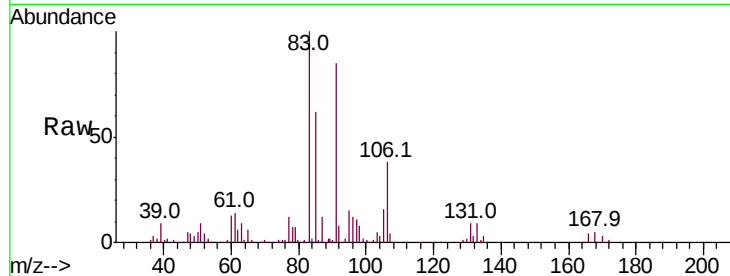
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#64

n-propylbenzene

Concen: 2.389 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. 0.00 min

Lab File: VL038047.D

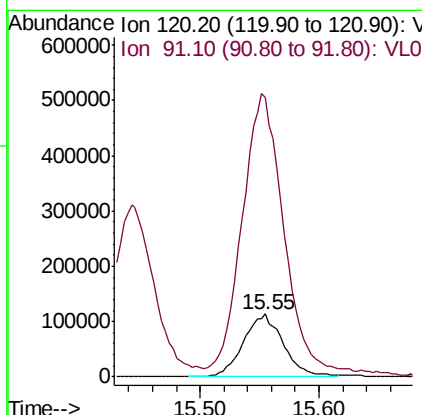
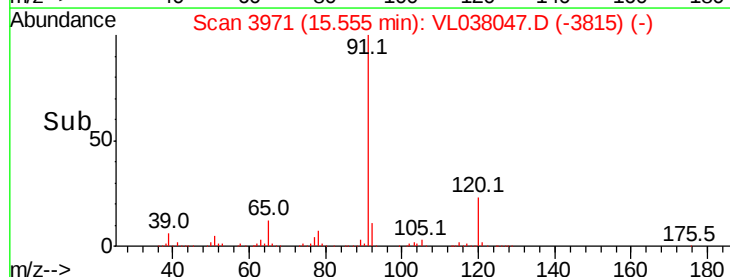
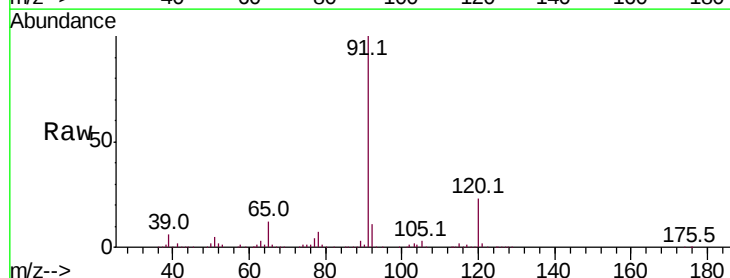
Acq: 18 Nov 2021 9:27

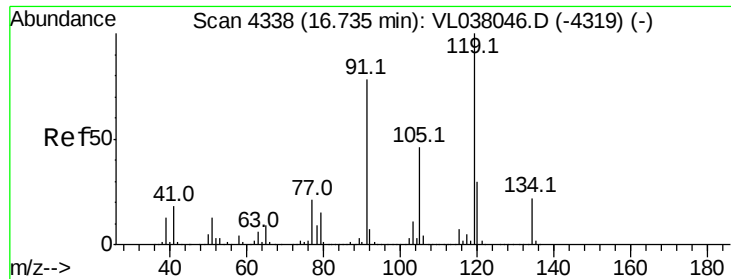
Tgt Ion:120 Resp: 265602

Ion Ratio Lower Upper

120 100

91 481.6 371.7 557.5



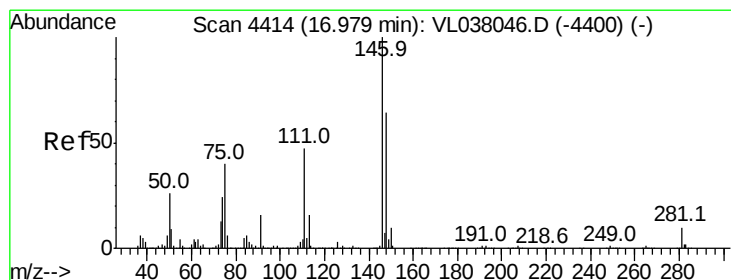
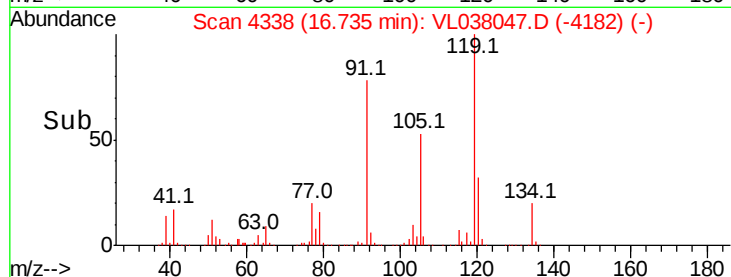
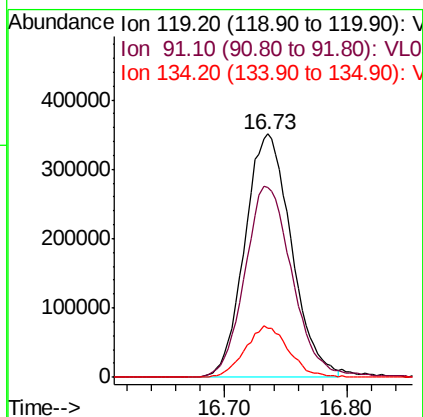
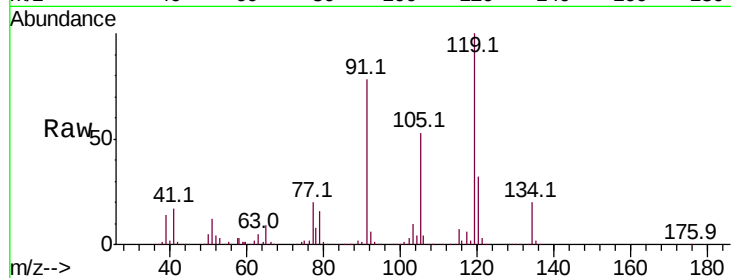


#65
tert-Butylbenzene
Concen: 2.422 ppbv
RT: 16.73 min
Delta R.T. 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

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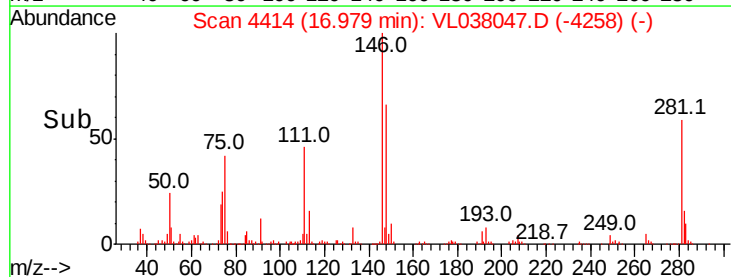
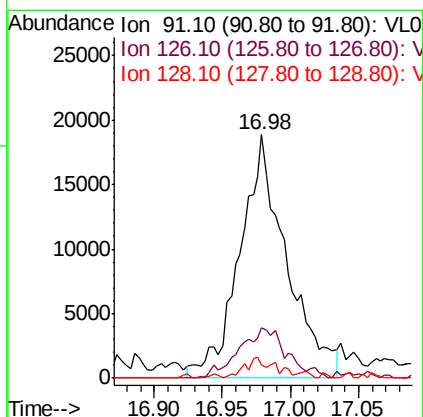
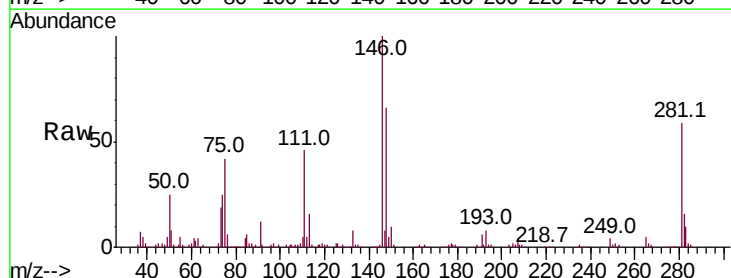
Tot Ion: 1
Ion Ratio
119 100
91 80.0
134 19.0

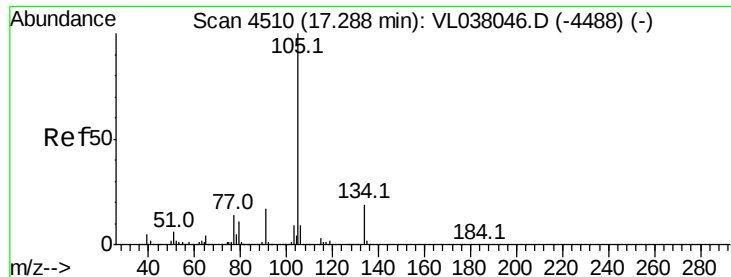
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 1.677 ppbv m
RT: 16.98 min Scan# 4414
Delta R.T. 0.00 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion: 91 Resp: 44833
Ion Ratio Lower Upper
91 100
126 21.9 15.5 23.3
128 7.0 5.6 8.4





#67

sec-Butylbenzene

Concen: 2.468 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 9:27

Tot Ion:1

Ion Rati

105 100

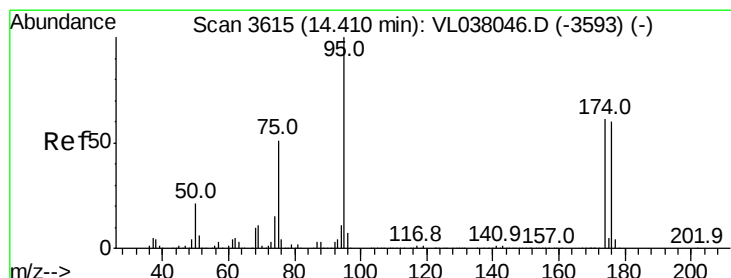
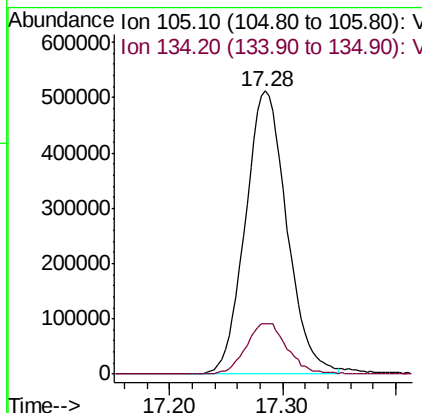
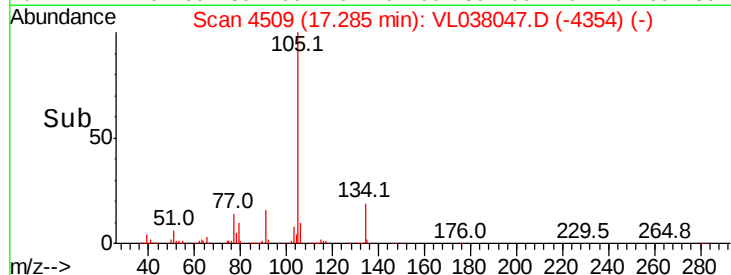
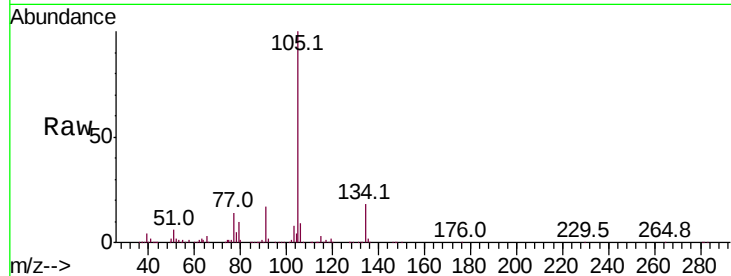
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.681 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

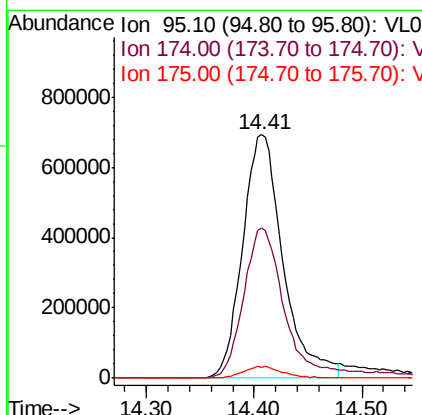
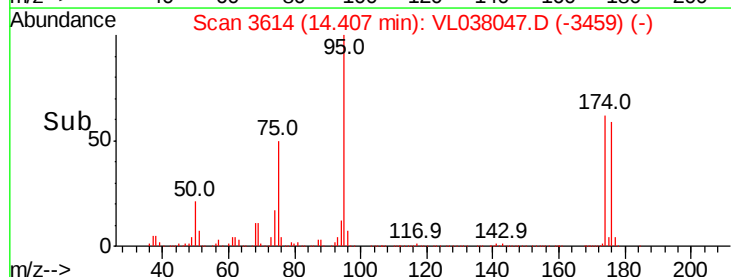
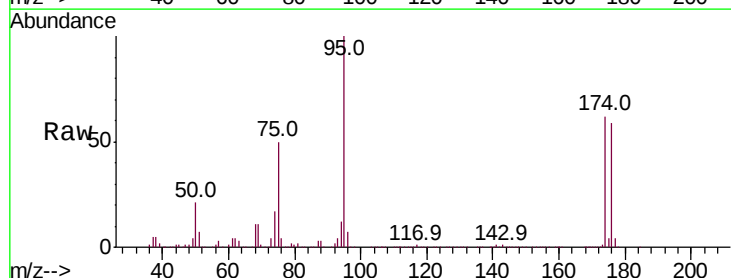
Tgt Ion: 95 Resp: 1801247

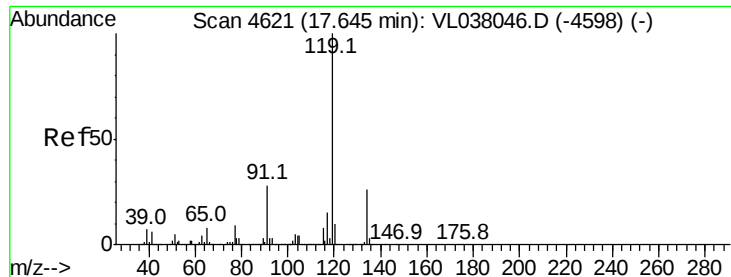
Ion Ratio Lower Upper

95 100

174 65.8 53.1 79.7

175 4.8 4.0 6.0



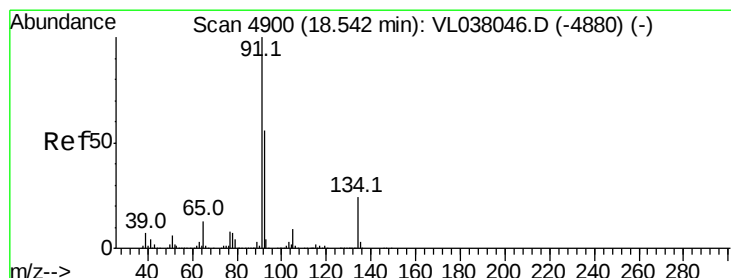
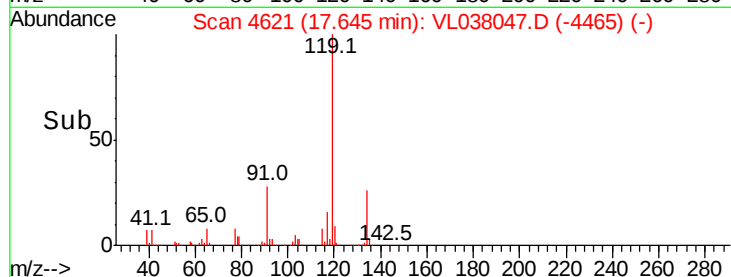
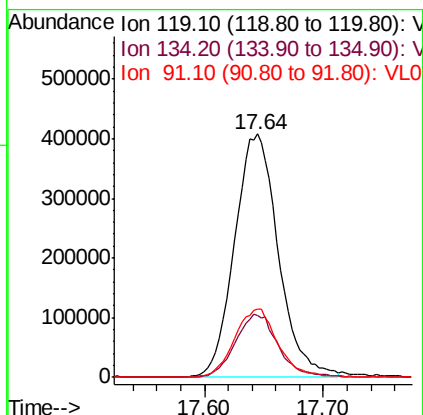
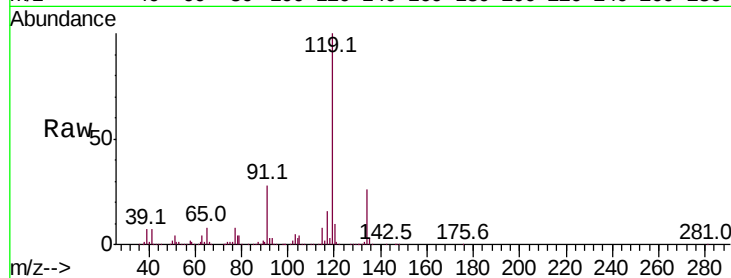


#69
 p-Isopropyltoluene
 Concen: 2.424 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 27.

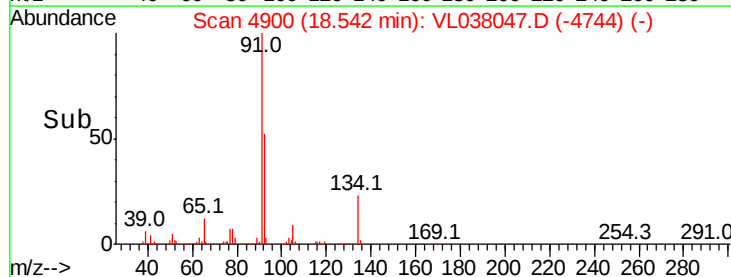
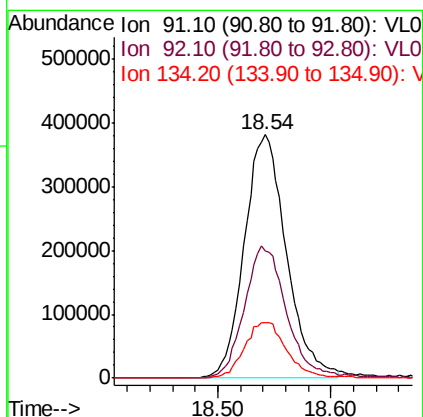
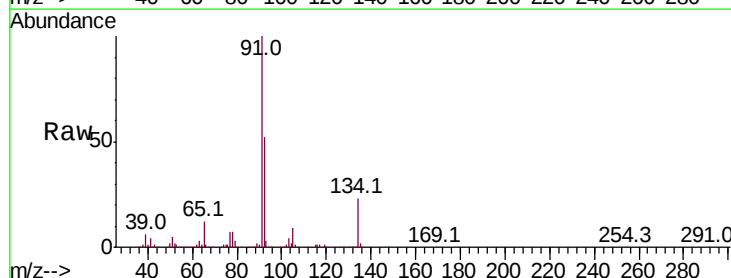
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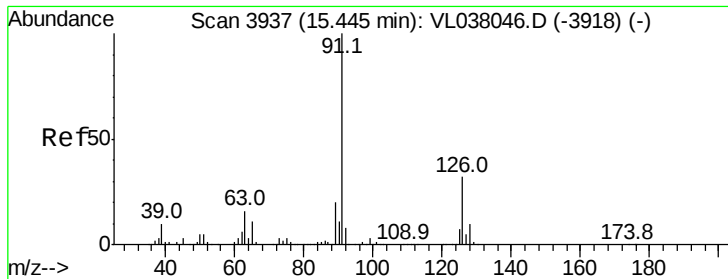
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 2.511 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion: 91 Resp: 981117
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.1 66.1
 134 23.4 18.9 28.3





#71

2-Chlorotoluene

Concen: 2.410 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 9:27

Tot Ion:

Ion Ratio

91 100

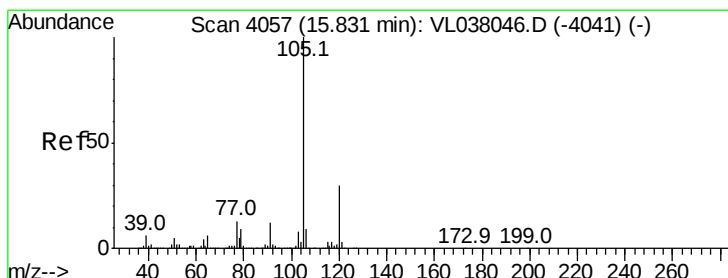
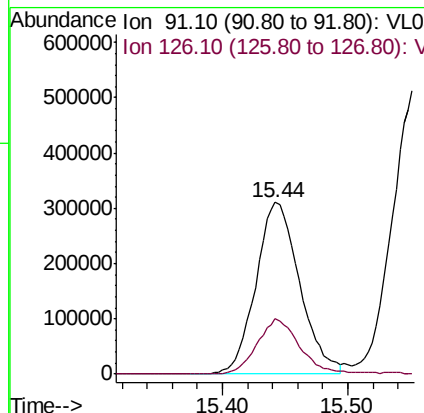
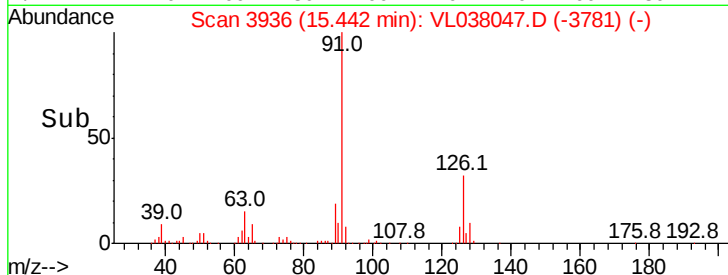
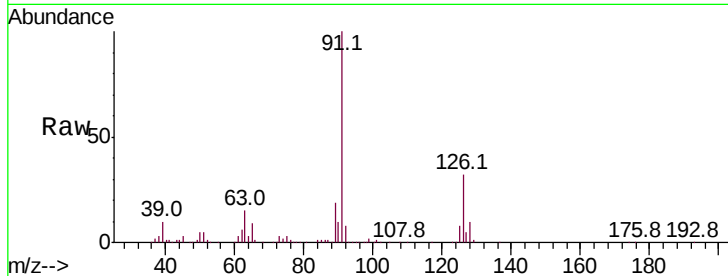
126 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#72

4-Ethyltoluene

Concen: 2.360 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. 0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

Tgt Ion:105 Resp: 848840

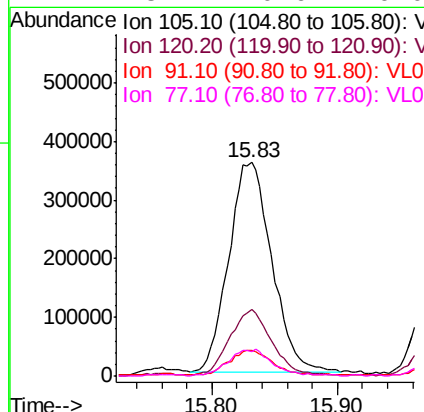
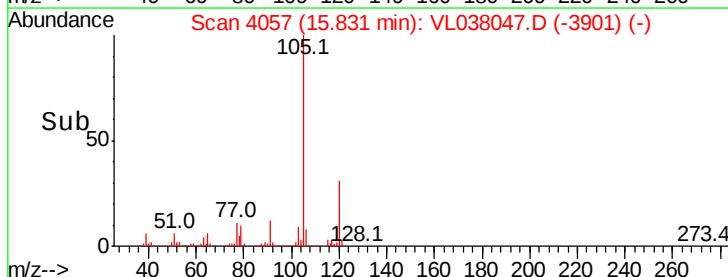
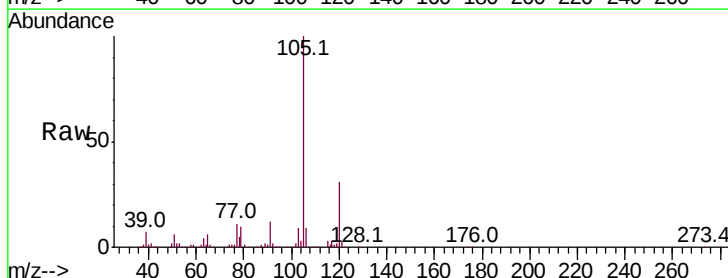
Ion Ratio Lower Upper

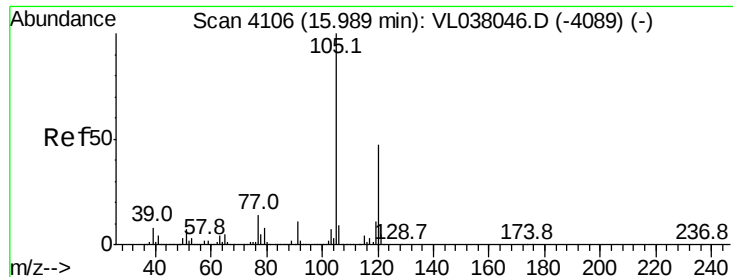
105 100

120 31.9 25.1 37.7

91 12.1 9.7 14.5

77 13.1 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 2.375 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 9:27

Tot Ion:1

Ion Ratio

105 100

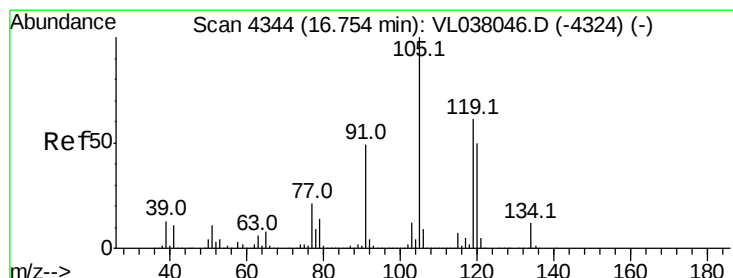
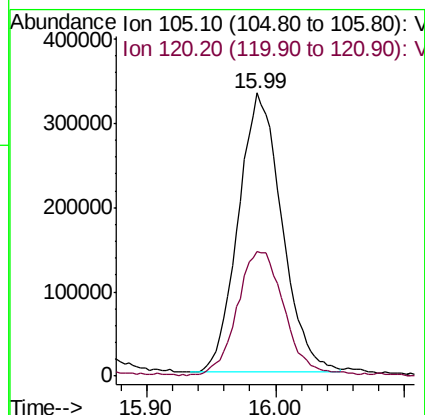
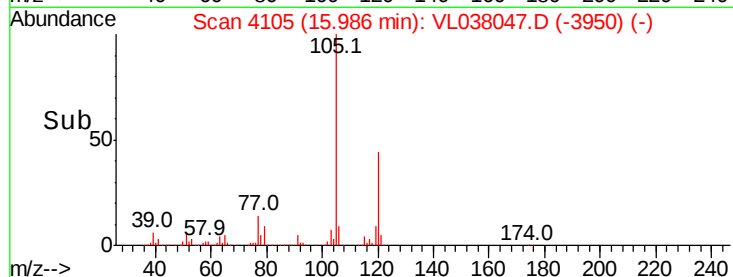
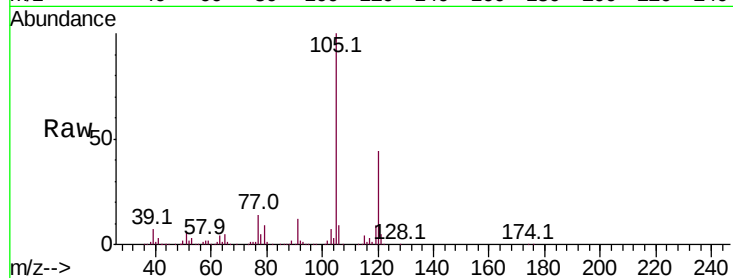
120 44.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 2.503 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

Tgt Ion:105 Resp: 829116

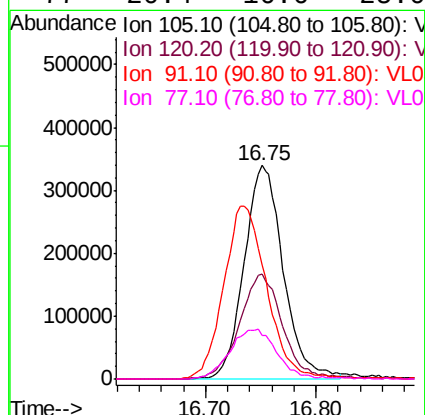
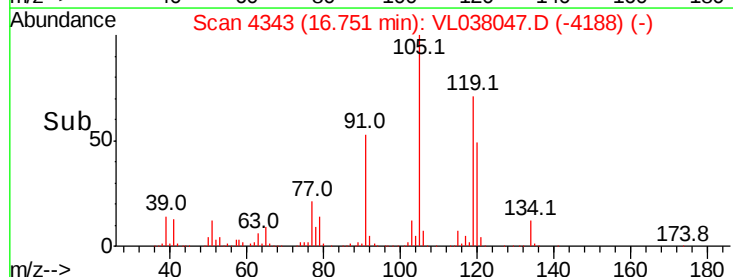
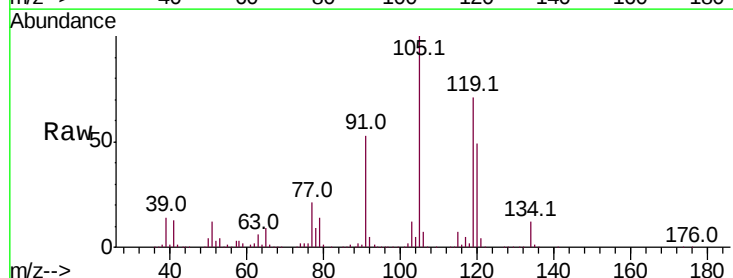
Ion Ratio Lower Upper

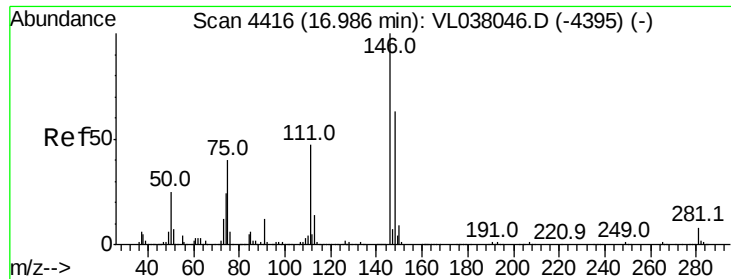
105 100

120 49.0 40.1 60.1

91 52.2 39.8 59.8

77 20.4 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 2.422 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampled :

VSTDIC002

Acq: 18 Nov 2021 9:27

Tot Ion:1

Ion Rati

146 100

111 48.

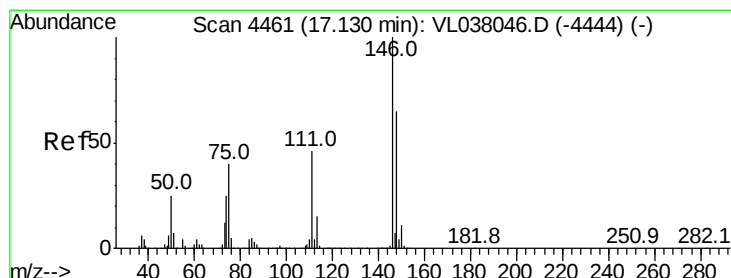
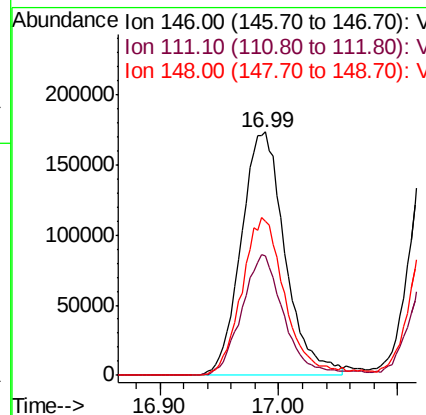
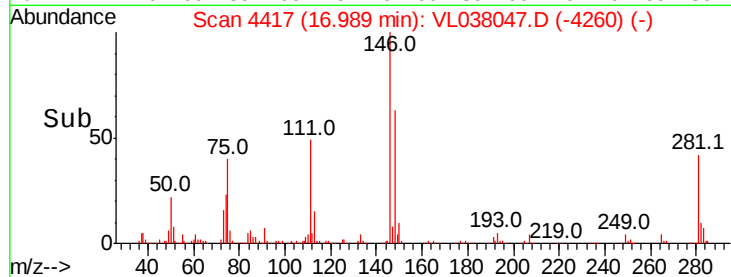
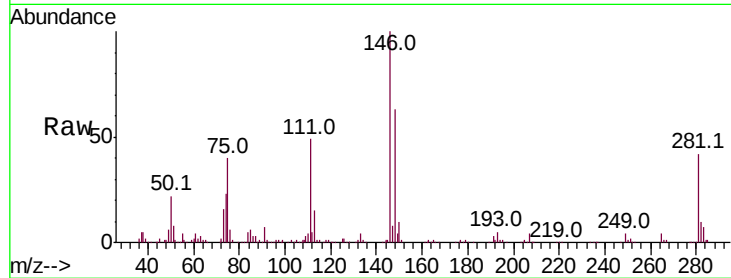
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#76

1,4-Dichlorobenzene

Concen: 2.415 ppbv m

RT: 17.13 min Scan# 4461

Delta R.T. 0.00 min

Lab File: VL038047.D

Acq: 18 Nov 2021 9:27

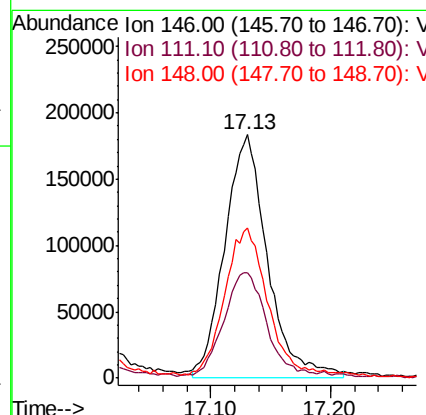
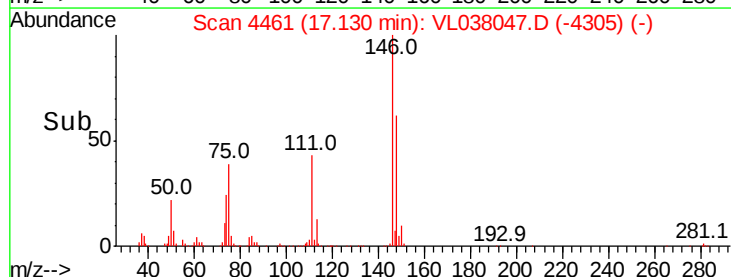
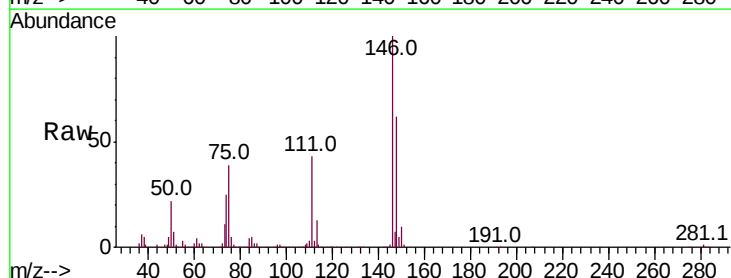
Tgt Ion:146 Resp: 452367

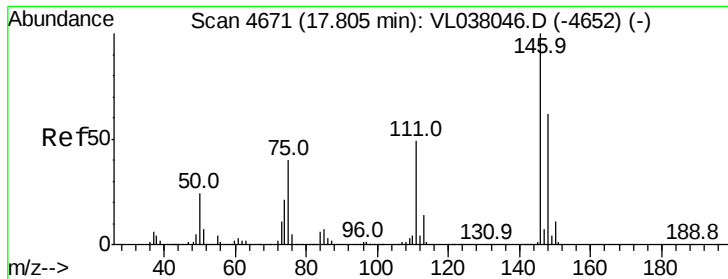
Ion Ratio Lower Upper

146 100

111 45.7 23.8 71.5

148 62.8 33.2 99.6



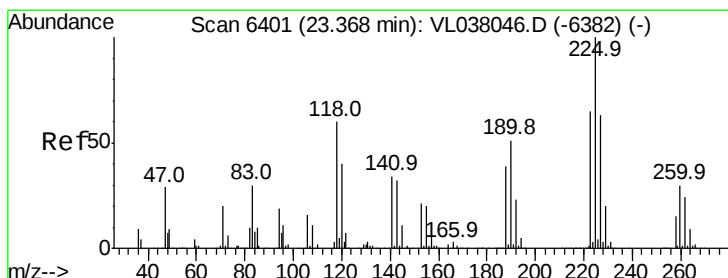
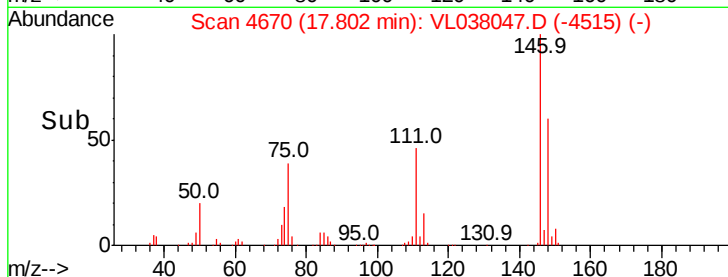
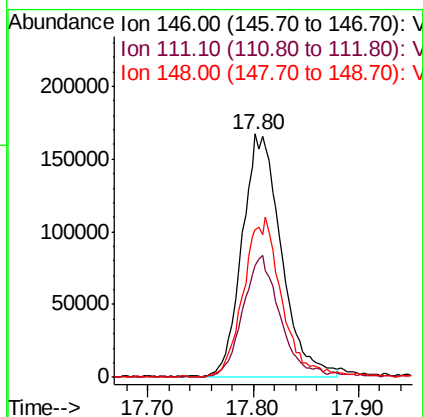
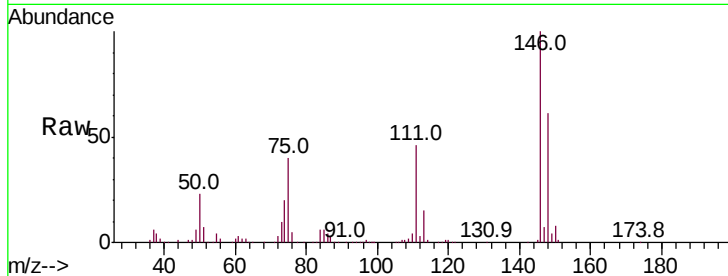


#77
 1,2-Dichlorobenzene
 Concen: 2.477 ppbv m
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:1
 Ion Rati
 146 100
 111 0.
 148 0.

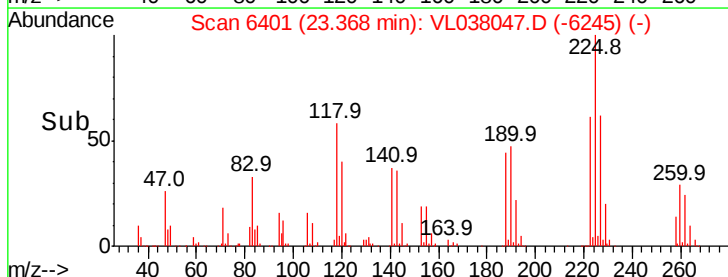
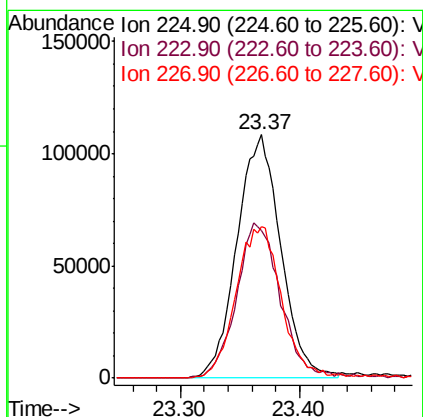
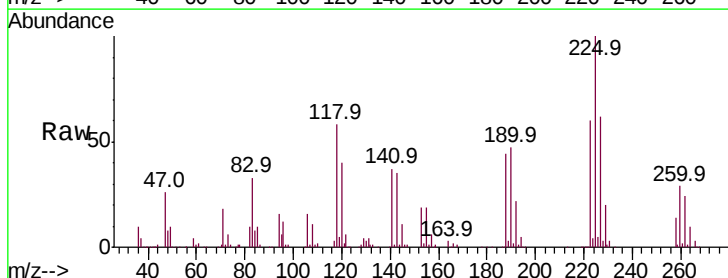
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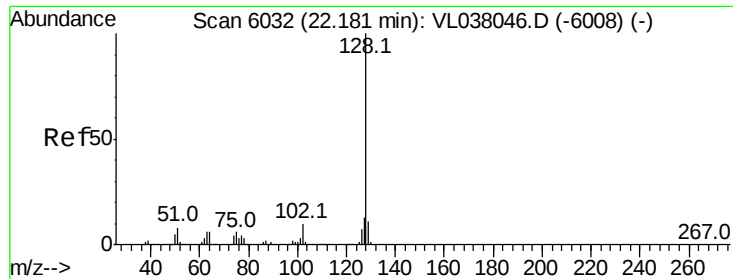
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.437 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.00 min
 Lab File: VL038047.D
 Acq: 18 Nov 2021 9:27

Tgt Ion:225 Resp: 277153
 Ion Ratio Lower Upper
 225 100
 223 63.9 52.3 78.5
 227 65.3 52.4 78.6



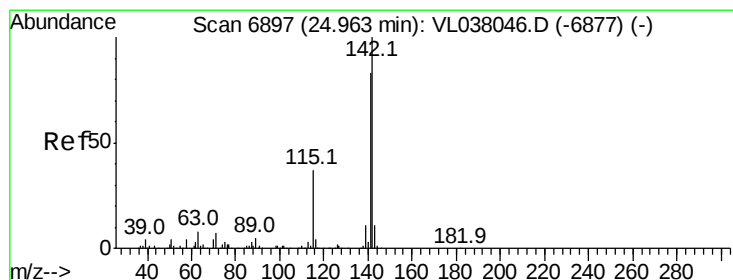
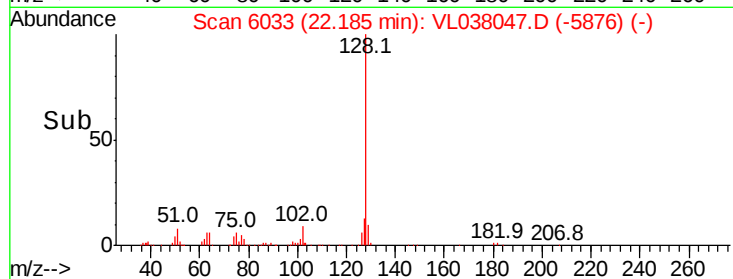
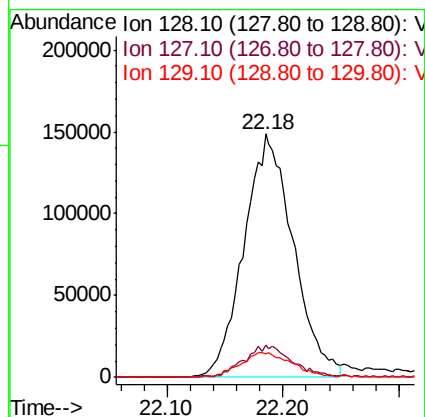
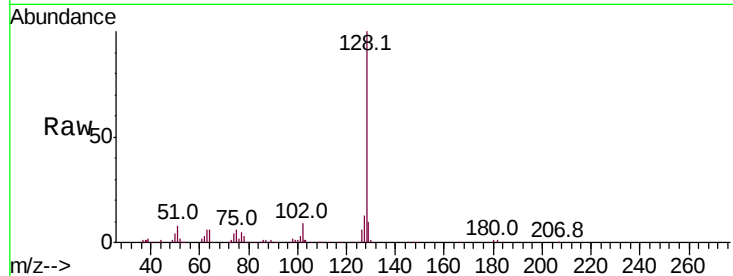


#79
Naphthalene
Concen: 2.397 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC002
Acq: 18 Nov 2021 9:27

Tot Ion:1
Ion Rati
128 100
127 13.
129 9.

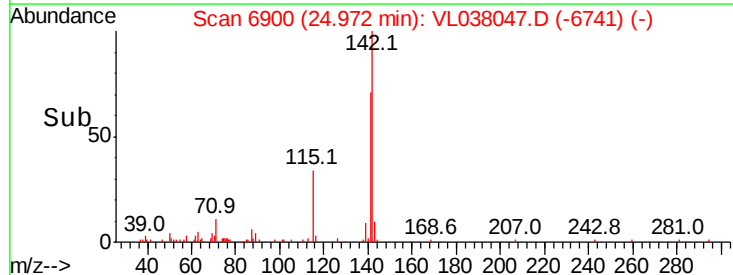
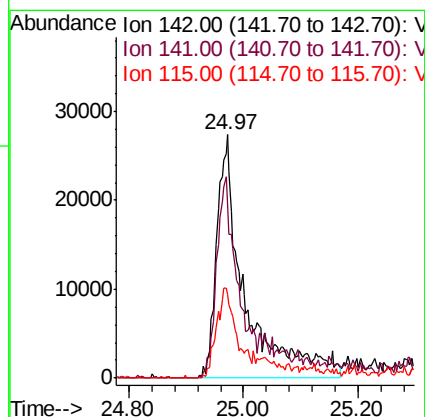
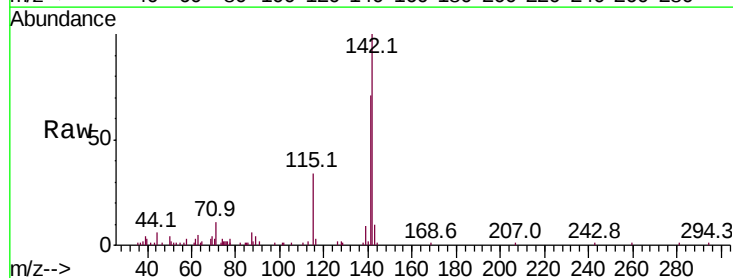
Manual Integrations
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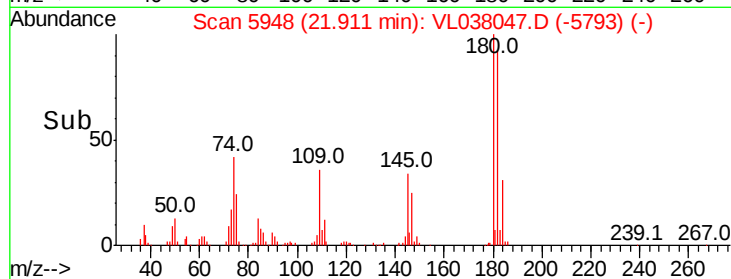
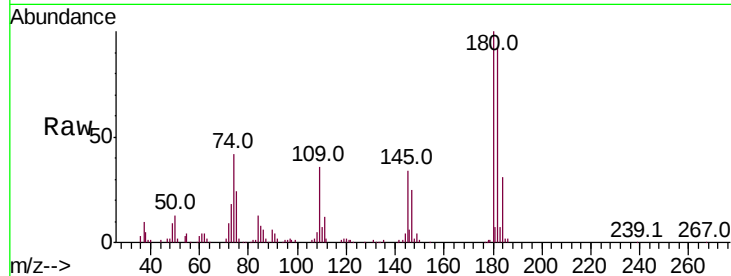
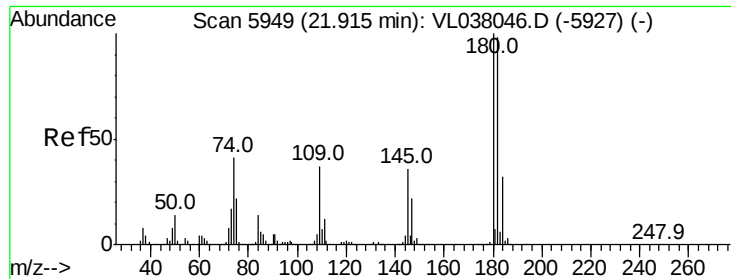
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 2.736 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.01 min
Lab File: VL038047.D
Acq: 18 Nov 2021 9:27

Tgt Ion:142 Resp: 93864
Ion Ratio Lower Upper
142 100
141 80.5 67.3 100.9
115 29.0 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 2.411 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 18 Nov 2021 9:27

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 32.

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

