

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038960.D
 Acq On : 5 May 2022 4:39
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 10:10:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1352843	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3227645	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2852397	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2277705	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	116152	0.531	ppbv	90
3) Chlorodifluoromethane	2.99	51	87102	0.366	ppbv	98
4) Chloromethane	3.14	50	45568m	0.515	ppbv	
5) Vinyl Chloride	3.25	62	35572	0.393	ppbv	98
6) Bromomethane	3.47	94	17407	0.361	ppbv	93
7) Chloroethane	3.56	64	13402	0.434	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	98871	0.476	ppbv	95
9) Propene	3.01	41	41408	0.530	ppbv	100
10) Heptane	8.11	43	89948	0.450	ppbv	97
11) Trichlorofluoromethane	3.95	101	95306	0.438	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.48	101	62031	0.441	ppbv	90
13) Ethanol	3.62	45	2556m	0.299	ppbv	
14) Bromoethene	3.74	108	23694	0.405	ppbv #	80
15) Acetone	3.86	43	63311	0.474	ppbv #	88
16) 1,3-Butadiene	3.33	39	39532m	0.444	ppbv	
17) tert-Butyl alcohol	4.30	59	53844m	0.479	ppbv	
18) 1,1-Dichloroethene	4.29	96	23285	0.375	ppbv	96
19) Isopropyl Alcohol	3.98	45	28743	0.403	ppbv #	93
20) Methylene Chloride	4.35	84	25454	0.423	ppbv	97
21) Allyl Chloride	4.41	41	45989m	0.449	ppbv	
22) trans-1,2-Dichloroethene	4.88	96	29518m	0.501	ppbv	
23) Vinyl Acetate	5.08	43	52774m	0.260	ppbv	
24) 1,1-Dichloroethane	5.01	63	56492	0.361	ppbv	97
25) Ethyl Acetate	5.68	43	150388	0.475	ppbv #	97
26) Hexane	5.68	57	73794m	0.512	ppbv	
27) Carbon Disulfide	4.55	76	55345	0.389	ppbv #	82
28) Methyl tert-Butyl Ether	5.04	73	49264	0.309	ppbv #	87
29) Chloroform	5.75	83	110004	0.470	ppbv	99
30) Cyclohexane	7.12	84	59356	0.508	ppbv	87
31) cis-1,2-Dichloroethene	5.55	61	68093	0.483	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	106203	0.450	ppbv	96
34) 2-Butanone	5.25	43	84994	0.530	ppbv	98
35) Carbon Tetrachloride	7.01	117	104034	0.420	ppbv	97
36) Benzene	6.88	78	139432	0.474	ppbv	97
37) 1,2-Dichloroethane	6.30	62	77546	0.440	ppbv #	96
38) Trichloroethene	7.83	130	55505	0.471	ppbv	95
39) 1,2-Dichloropropane	7.61	63	50556	0.424	ppbv	94
40) 1,4-Dioxane	7.86	88	22276m	0.728	ppbv	
41) Tetrahydrofuran	6.07	42	54366m	0.683	ppbv	
42) Bromodichloromethane	7.78	83	111570m	0.466	ppbv	
43) Methyl Methacrylate	8.01	69	55280m	0.544	ppbv	

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 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.5

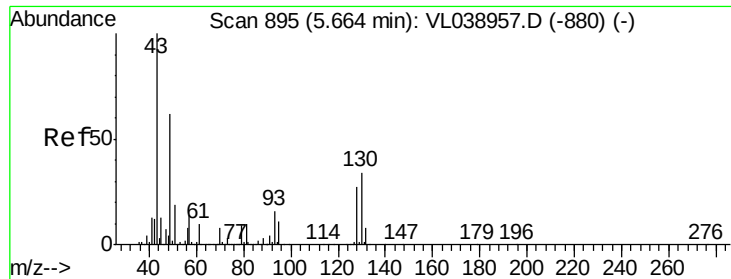
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 10:10:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	249281	0.479	ppbv	97
45) t-1,3-Dichloropropene	9.28	75	40500m	0.352	ppbv	
46) cis-1,3-Dichloropropene	8.69	75	60292	0.412	ppbv #	91
47) 1,1,2-Trichloroethane	9.46	97	58638m	0.483	ppbv	
48) Dibromochloromethane	10.30	129	83224m	0.446	ppbv	
49) Bromoform	13.03	173	58932m	0.395	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	136554m	0.570	ppbv	
51) 2-Hexanone	10.14	43	93392	0.689	ppbv #	94
52) Tetrachloroethene	11.21	164	47448	0.436	ppbv #	90
53) Toluene	9.80	91	151586	0.482	ppbv	99
54) 1,2-Dibromoethane	10.60	107	63840	0.373	ppbv	86
56) 1,1,1,2-Tetrachloroethane	12.11	131	62874m	0.489	ppbv	
57) Chlorobenzene	12.13	112	111093	0.466	ppbv	90
58) Ethyl Benzene	12.70	91	214489	0.523	ppbv	92
59) m/p-Xylene	12.99	91	364427m	1.016	ppbv	
60) o-Xylene	13.67	91	164057	0.474	ppbv	99
61) Styrene	13.52	104	83126m	0.482	ppbv	
62) Isopropylbenzene	14.65	105	252932	0.536	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	99298	0.382	ppbv	97
64) n-propylbenzene	15.55	120	56978m	0.495	ppbv	
65) tert-Butylbenzene	16.73	119	228797m	0.559	ppbv	
66) Benzyl Chloride	16.98	91	18858m	0.376	ppbv	
67) sec-Butylbenzene	17.28	105	316739m	0.545	ppbv	
69) p-Isopropyltoluene	17.63	119	241922	0.532	ppbv	95
70) n-Butylbenzene	18.54	91	249990	0.525	ppbv	100
71) 2-Chlorotoluene	15.44	91	192620	0.543	ppbv	98
72) 4-Ethyltoluene	15.82	105	181206	0.476	ppbv	97
73) 1,3,5-Trimethylbenzene	15.98	105	155703	0.439	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	188445m	0.492	ppbv	
75) 1,3-Dichlorobenzene	16.97	146	105144m	0.490	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	104628m	0.490	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	102661m	0.506	ppbv	
78) Hexachloro-1,3-Butadiene	23.35	225	99350	0.544	ppbv	93
79) Naphthalene	22.17	128	130103m	0.551	ppbv	
80) Naphthalene, 2-methyl-	24.97	142	24818	0.482	ppbv #	75
81) 1,2,4-Trichlorobenzene	21.90	180	80565m	0.562	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. -

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39

Tot Ion:

Ion Ratio

49 100

128 46.

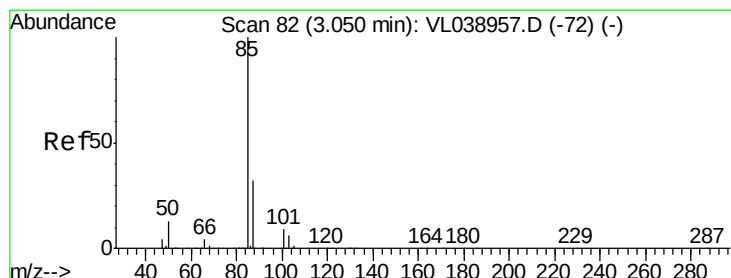
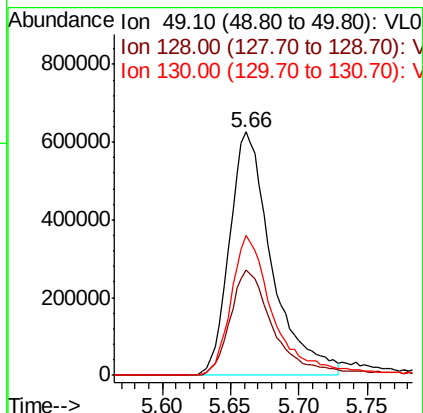
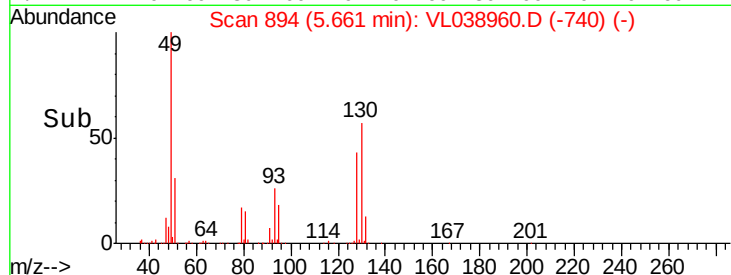
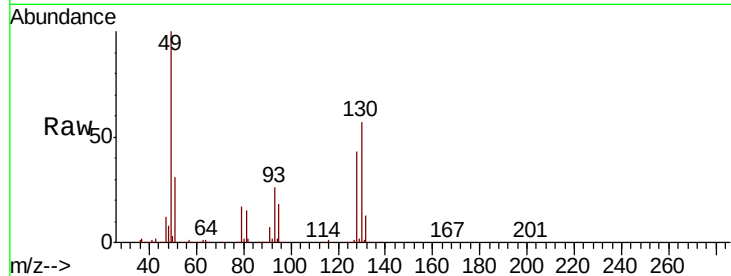
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#2

Dichlorodifluoromethane

Concen: 0.531 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038960.D

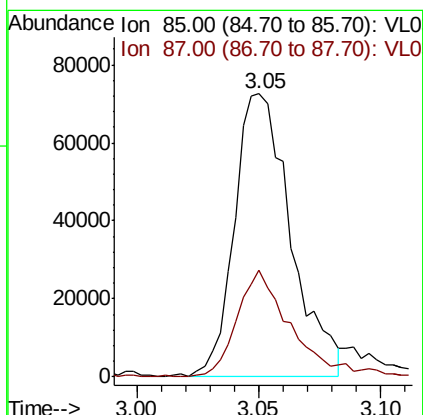
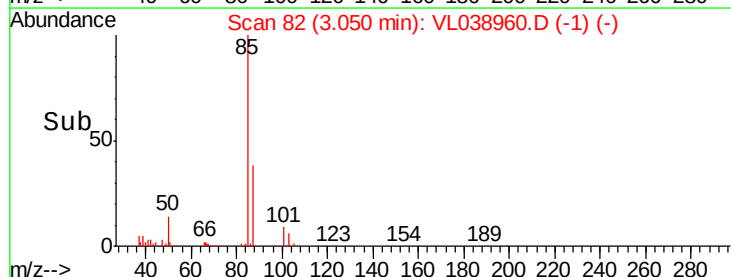
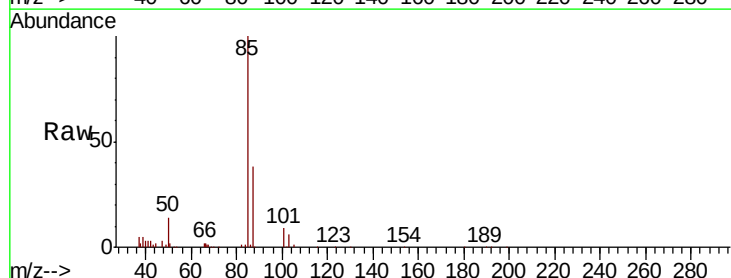
Acq: 5 May 2022 4:39

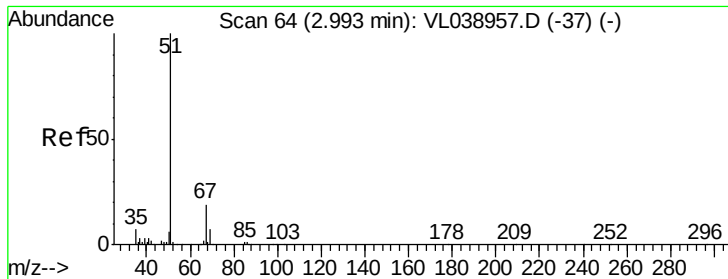
Tgt Ion: 85 Resp: 116152

Ion Ratio Lower Upper

85 100

87 37.6 25.7 38.5





#3

Chlorodifluoromethane

Concen: 0.366 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDIC0.5

Acq: 5 May 2022 4:39

Tot Ion:

Ion Ratio

51 100

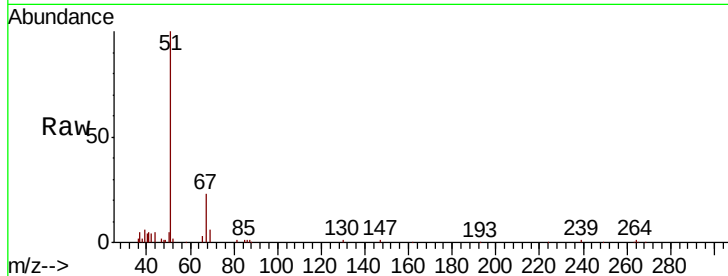
67 18.

Manual Integrations

APPROVED

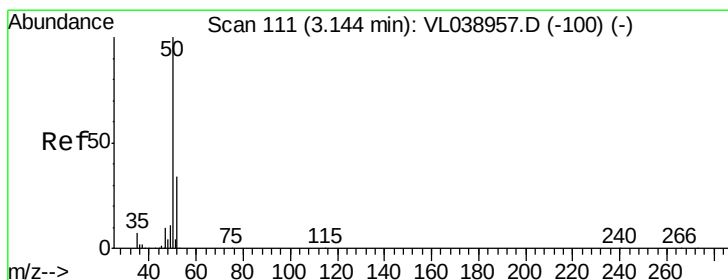
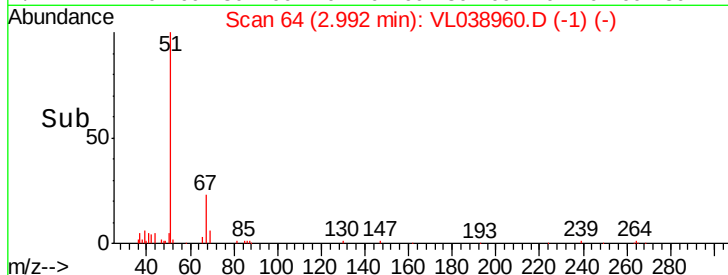
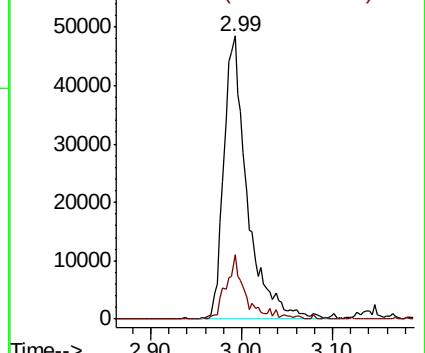
Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.515 ppbv m

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038960.D

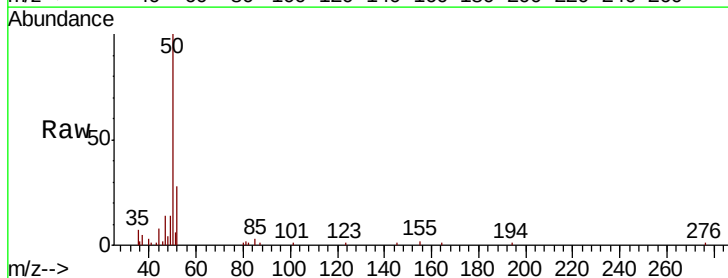
Acq: 5 May 2022 4:39

Tgt Ion: 50 Resp: 45568

Ion Ratio Lower Upper

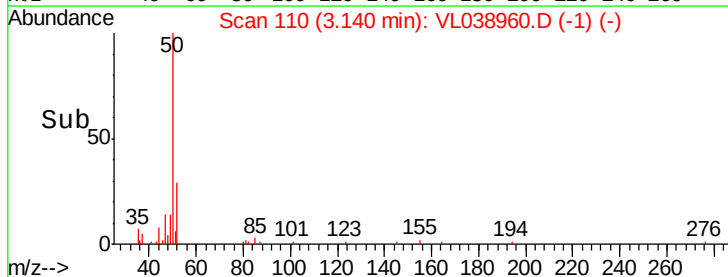
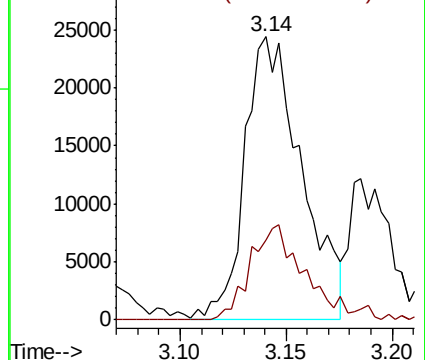
50 100

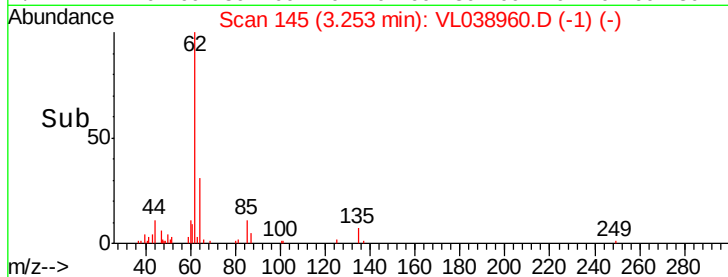
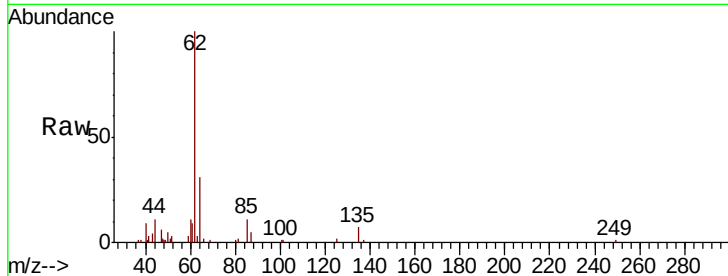
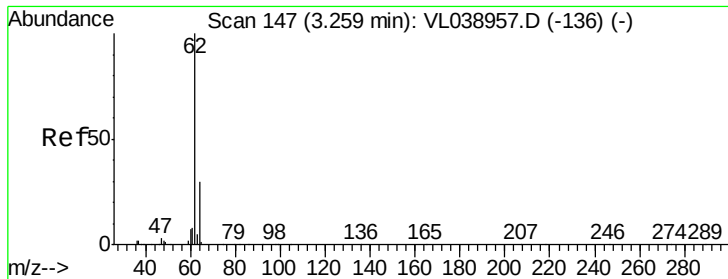
52 28.3 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.393 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

62 100

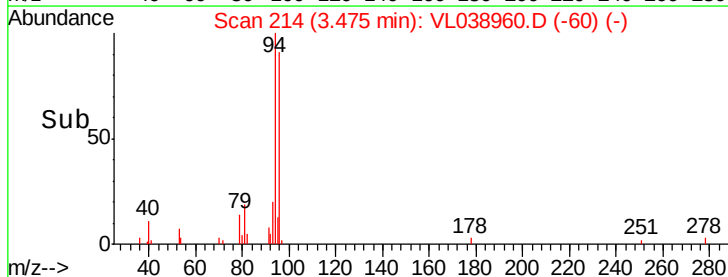
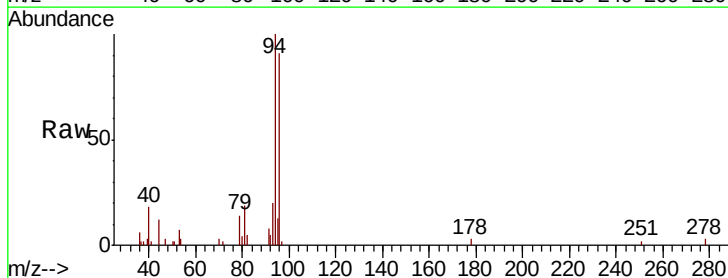
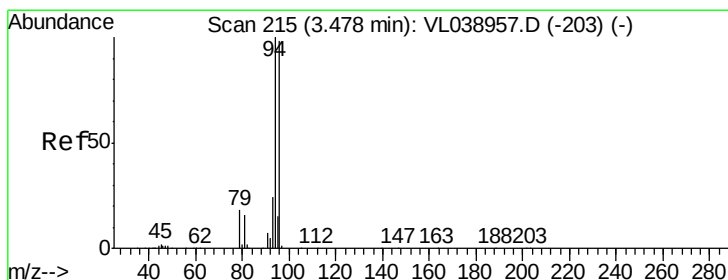
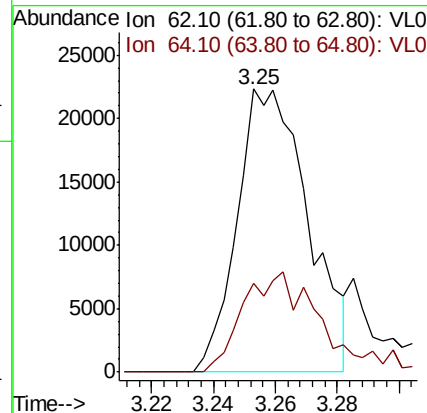
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 0.361 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038960.D

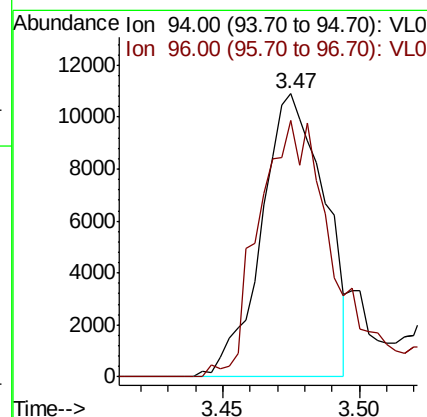
Acq: 5 May 2022 4:39

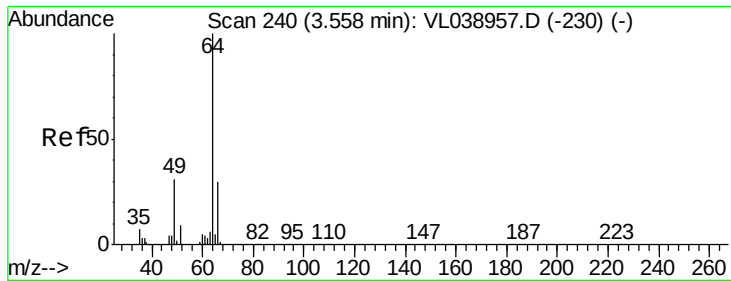
Tgt Ion: 94 Resp: 17407

Ion Ratio Lower Upper

94 100

96 90.7 78.1 117.1





#7

Chloroethane

Concen: 0.434 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

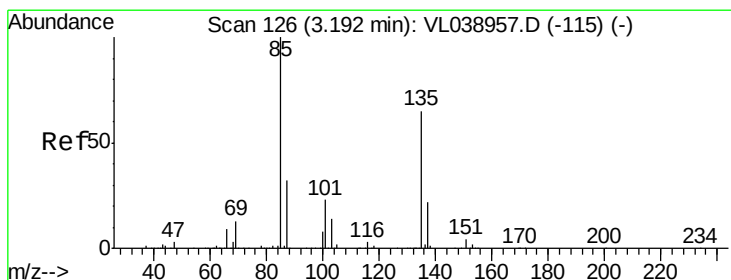
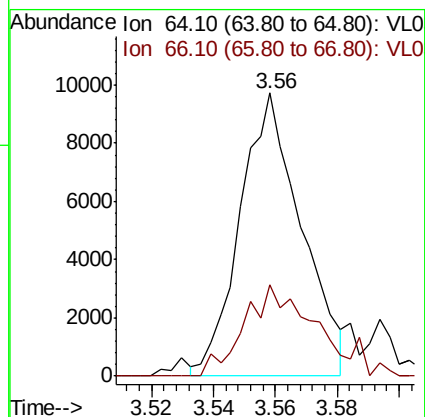
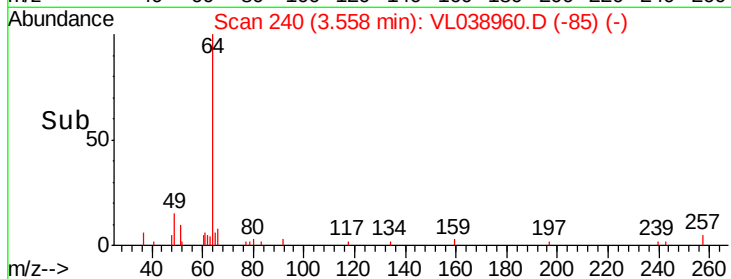
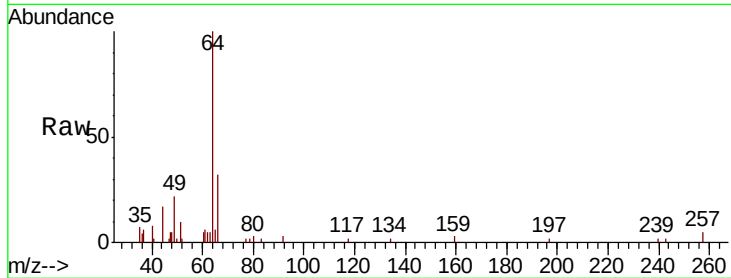
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 0.476 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038960.D

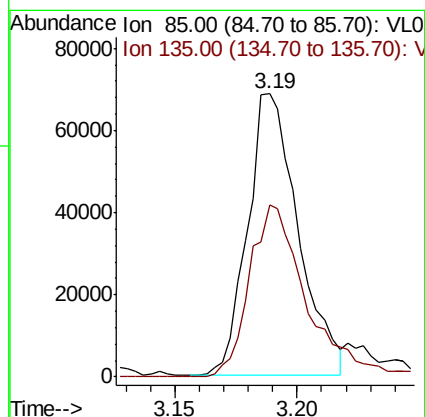
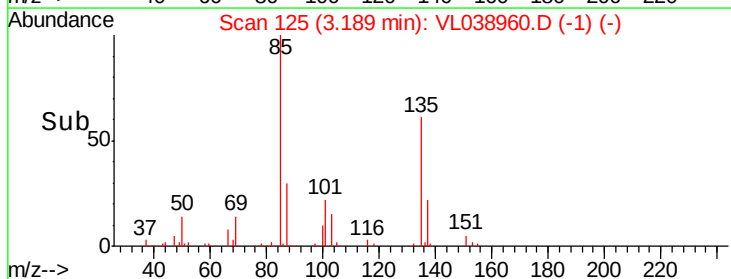
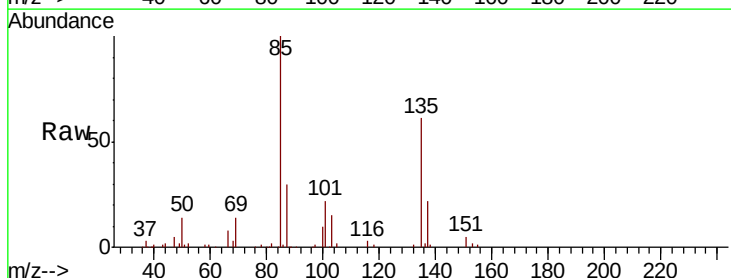
Acq: 5 May 2022 4:39

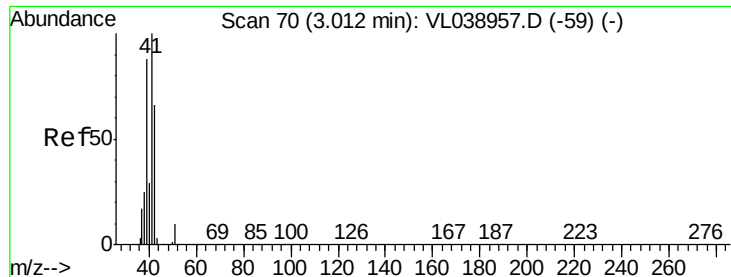
Tgt Ion: 85 Resp: 98871

Ion Ratio Lower Upper

85 100

135 71.0 53.6 80.4



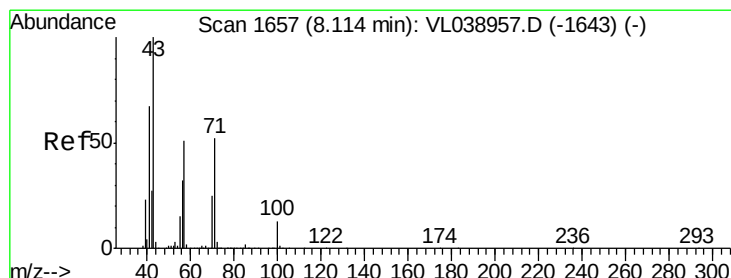
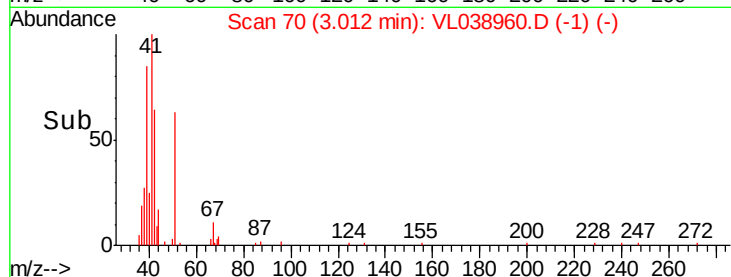
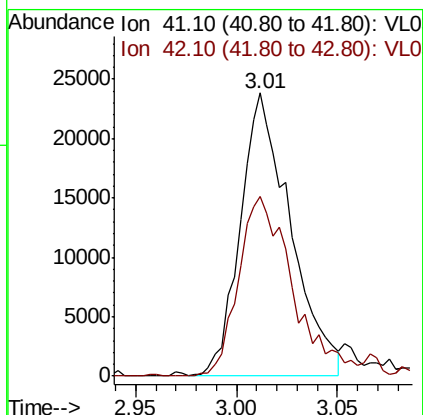
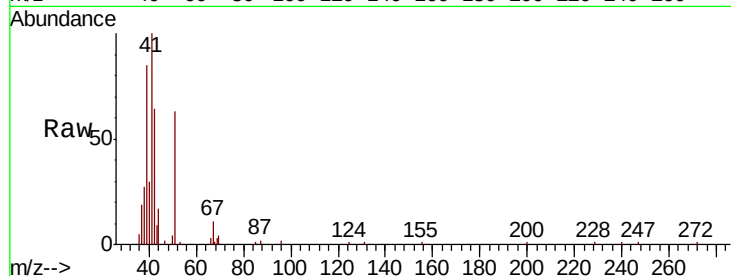


#9
 Propene
 Concen: 0.530 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 41 100
 42 73.

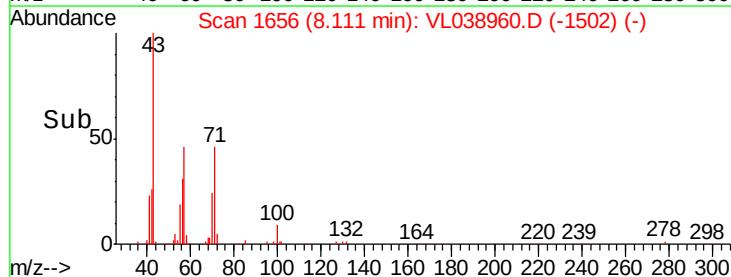
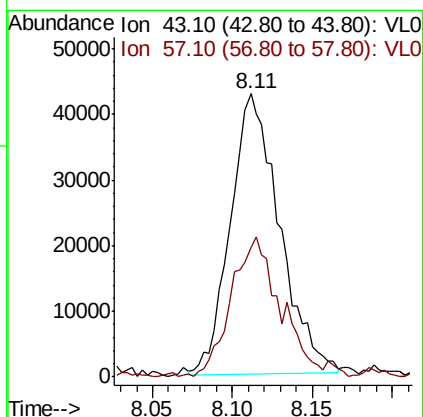
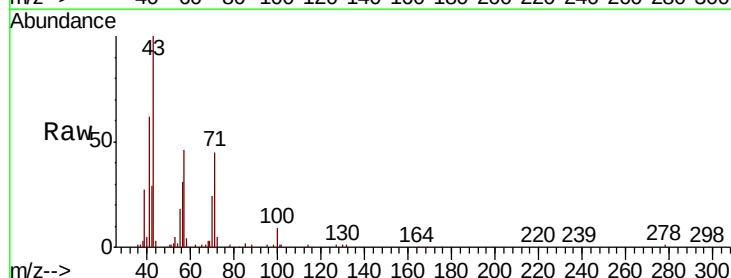
Manual Integrations
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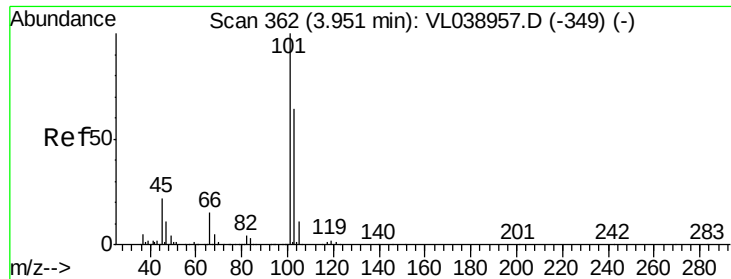
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#10
 Heptane
 Concen: 0.450 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 89948
 Ion Ratio Lower Upper
 43 100
 57 52.8 40.5 60.7



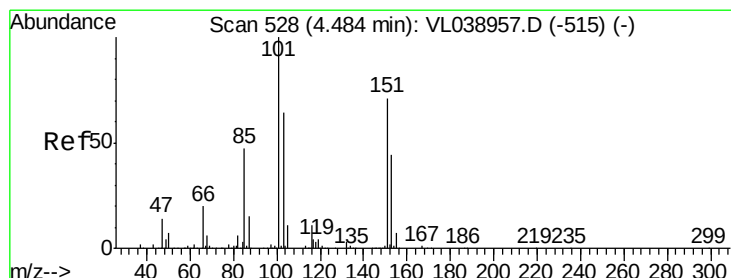
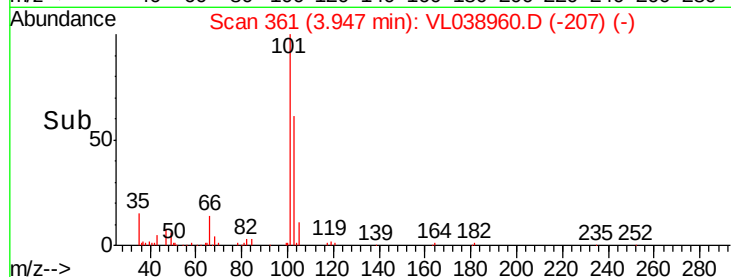
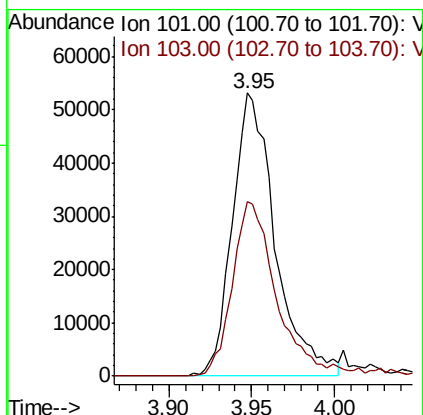
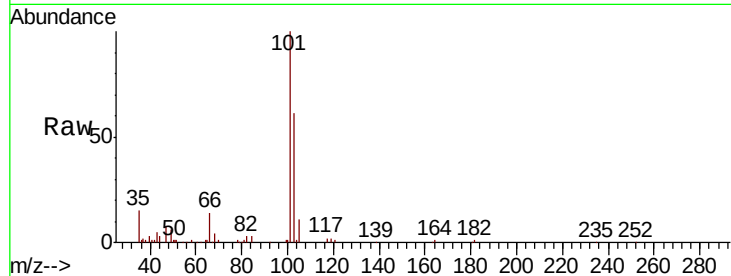


#11
 Trichlorofluoromethane
 Concen: 0.438 ppbv
 RT: 3.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:1
 Ion Rati
 101 100
 103 61.

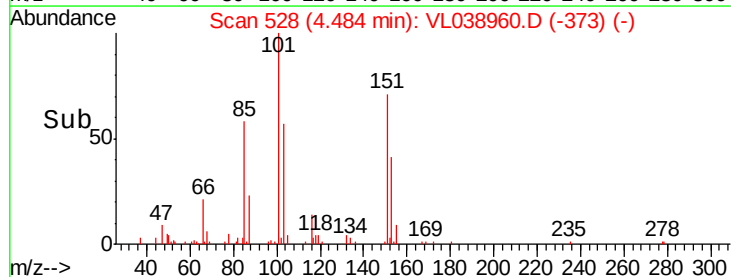
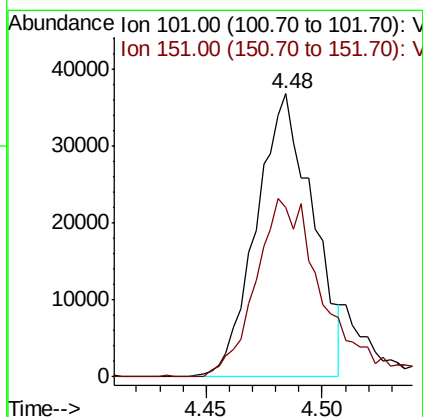
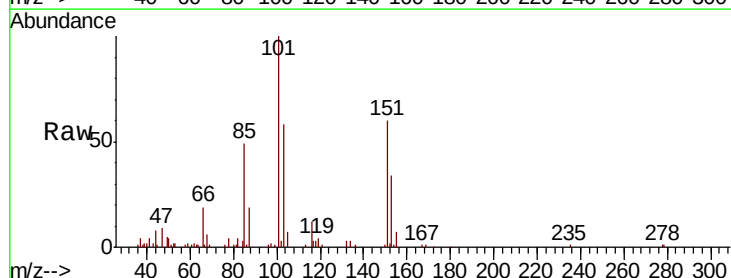
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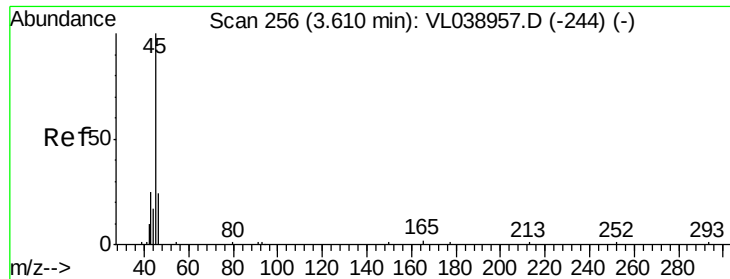
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.441 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:101 Resp: 62031
 Ion Ratio Lower Upper
 101 100
 151 77.5 55.4 83.0



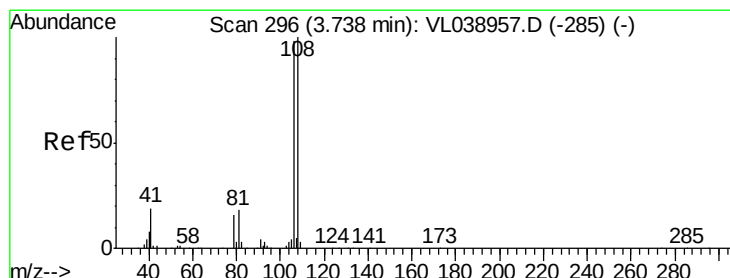
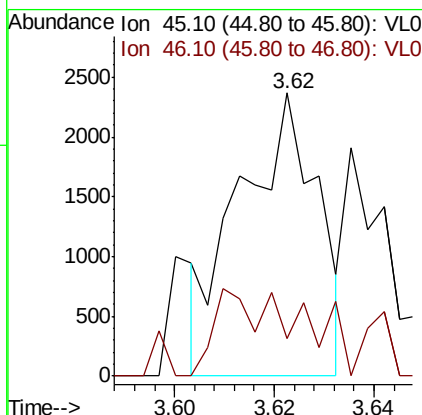
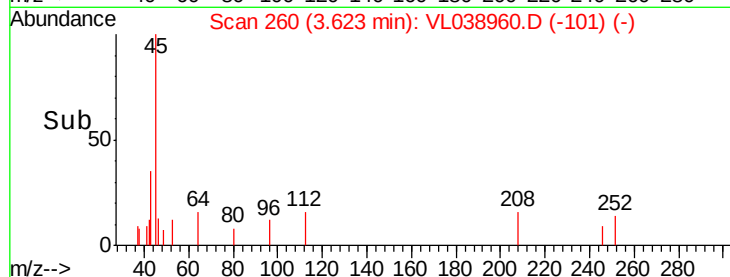
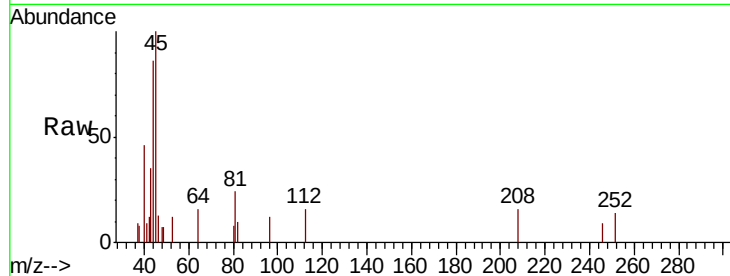


#13
Ethanol
Concen: 0.299 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.5
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
45 100
46 45.

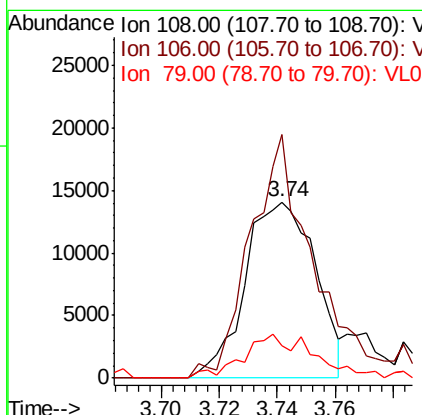
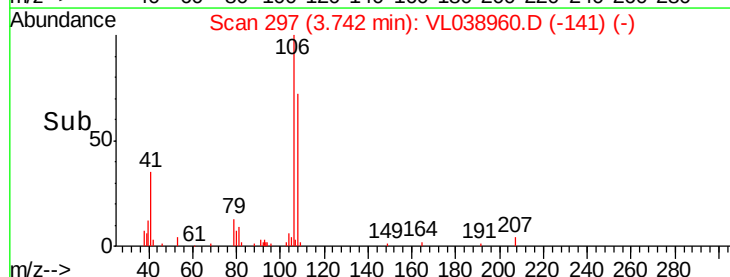
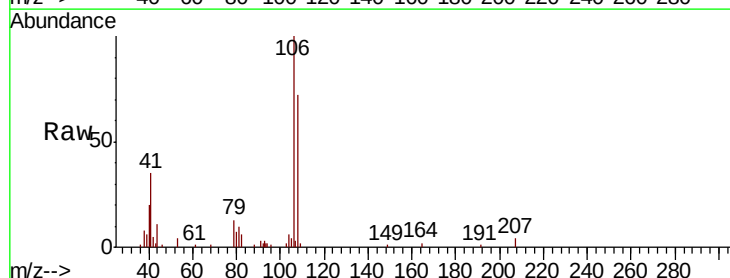
Manual Integrations
APPROVED

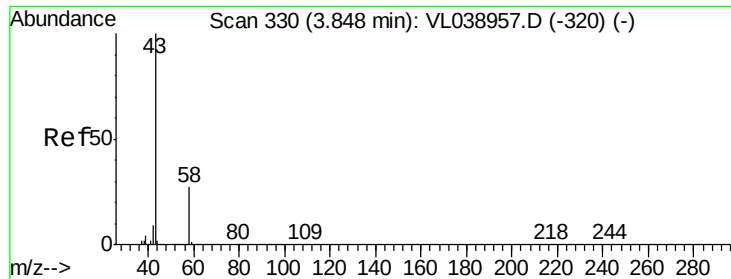
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#14
Bromoethene
Concen: 0.405 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:108 Resp: 23694
Ion Ratio Lower Upper
108 100
106 135.0 90.3 135.5
79 25.6 14.9 22.3#





#15

Acetone

Concen: 0.474 ppbv

RT: 3.86 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

43 100

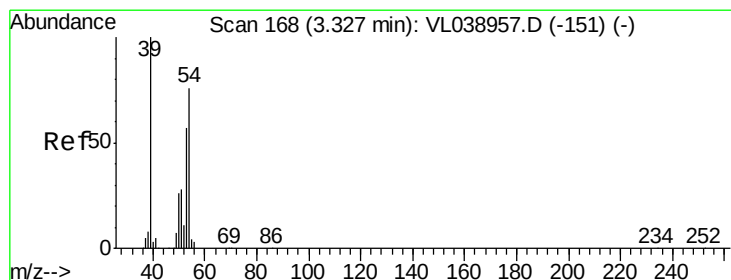
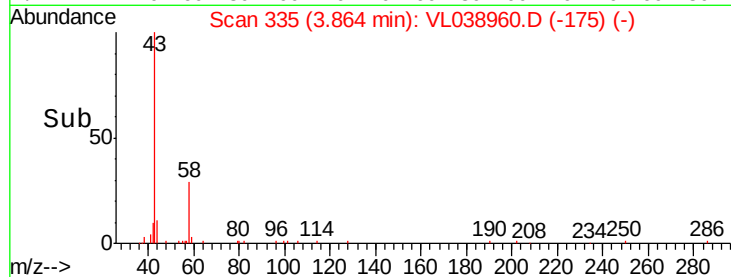
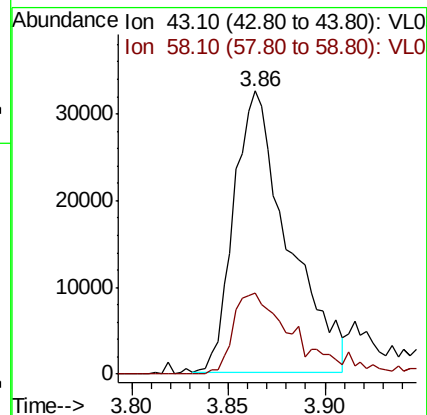
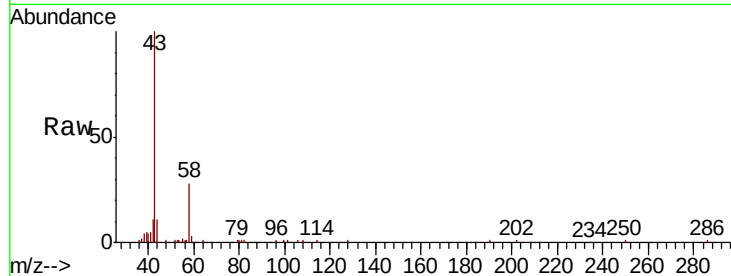
58 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#16

1,3-Butadiene

Concen: 0.444 ppbv m

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL038960.D

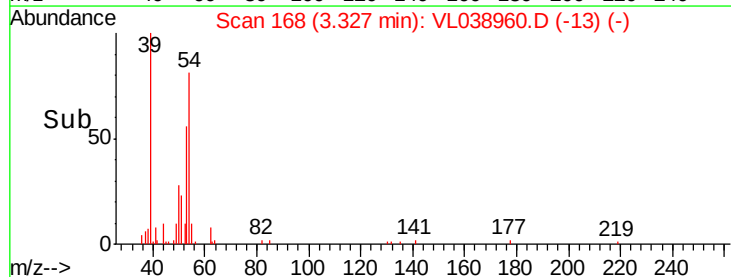
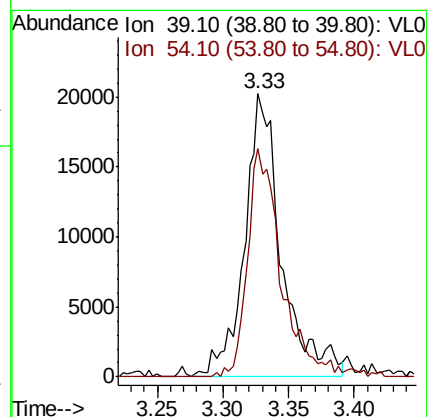
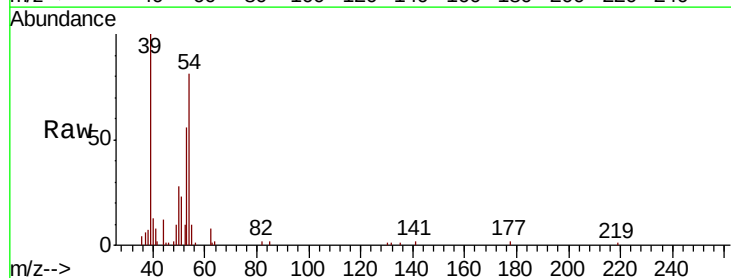
Acq: 5 May 2022 4:39

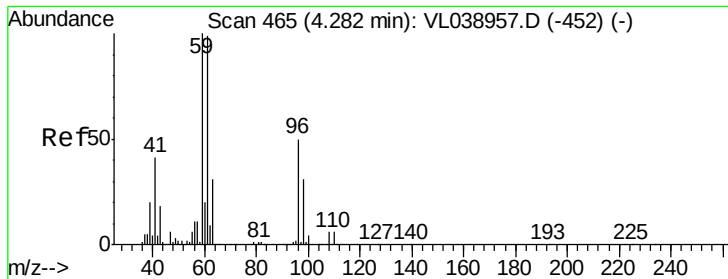
Tgt Ion: 39 Resp: 39532

Ion Ratio Lower Upper

39 100

54 74.4 65.2 97.8



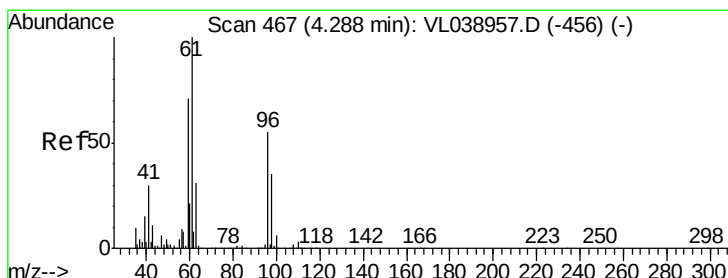
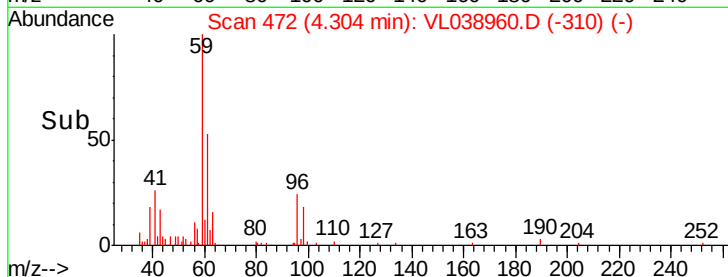
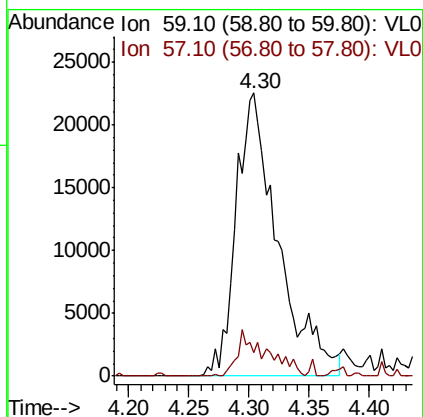
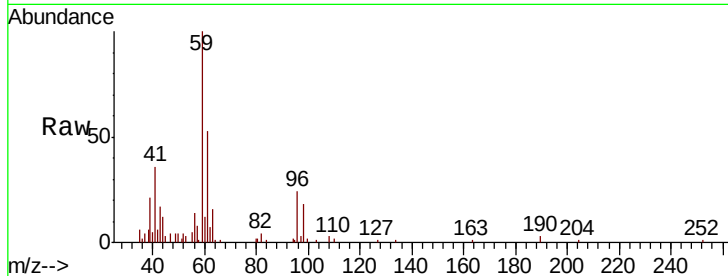


#17
 tert-Butyl alcohol
 Concen: 0.479 ppbv m
 RT: 4.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Rati
 59 100
 57 0.

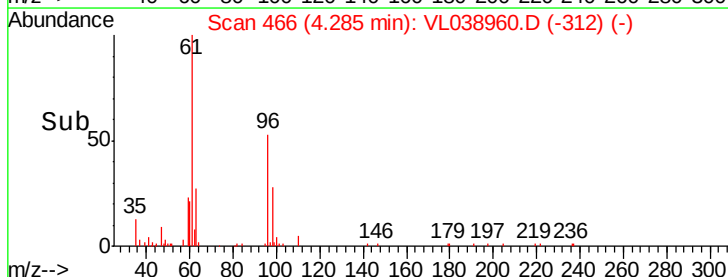
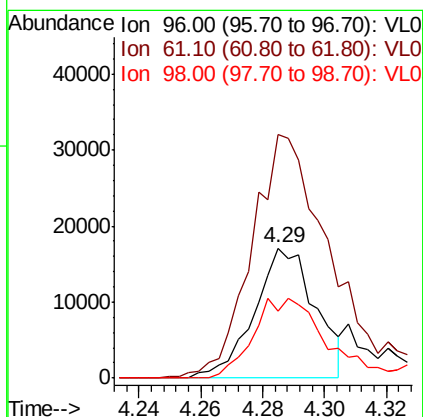
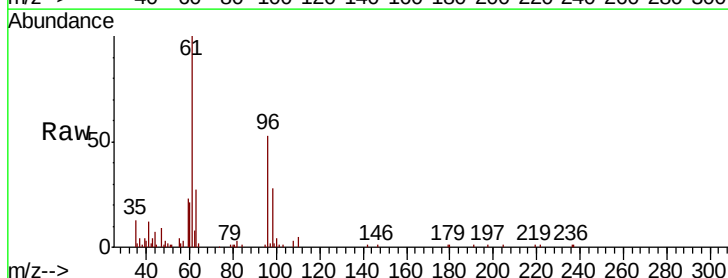
Manual Integrations
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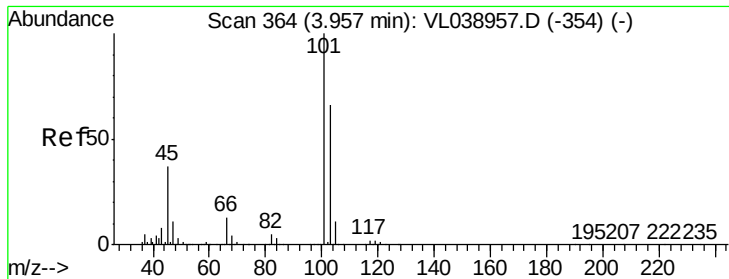
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#18
 1,1-Dichloroethene
 Concen: 0.375 ppbv
 RT: 4.29 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 96 Resp: 23285
 Ion Ratio Lower Upper
 96 100
 61 183.5 146.3 219.5
 98 52.0 50.6 75.8





#19

Isopropyl Alcohol

Concen: 0.403 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

45 100

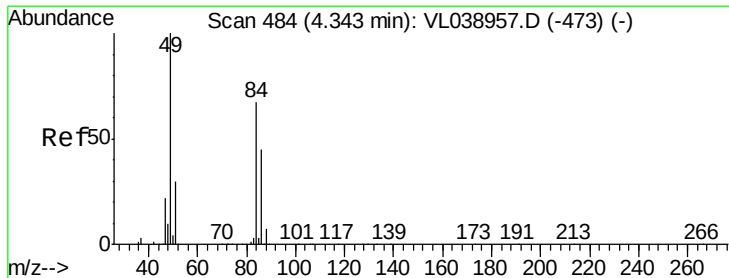
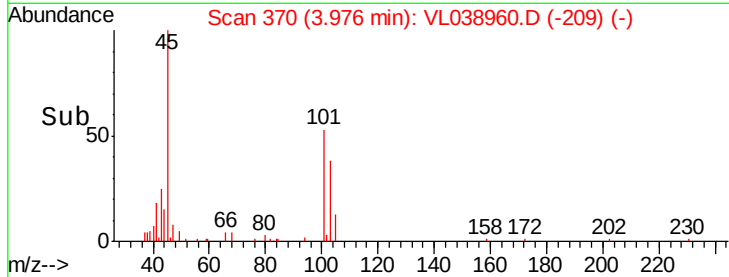
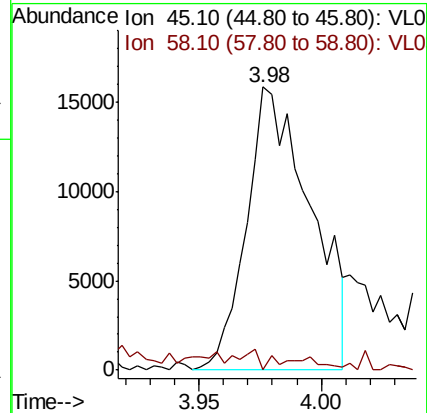
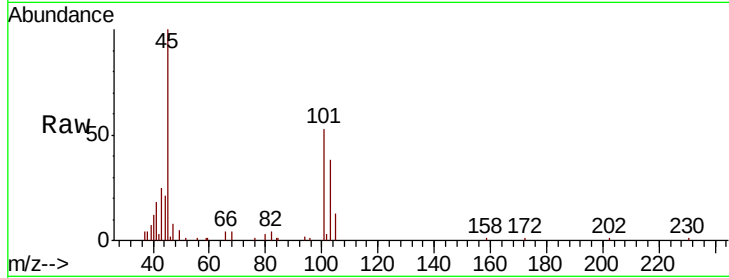
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#20

Methylene Chloride

Concen: 0.423 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

Tgt Ion: 84 Resp: 25454

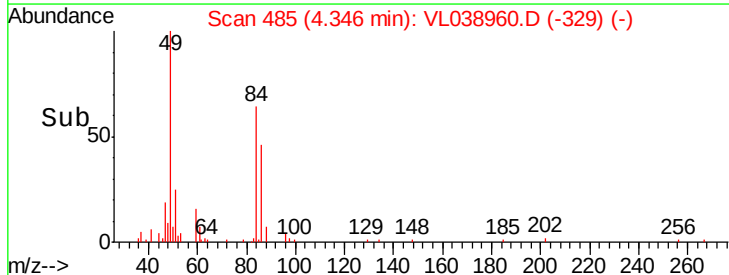
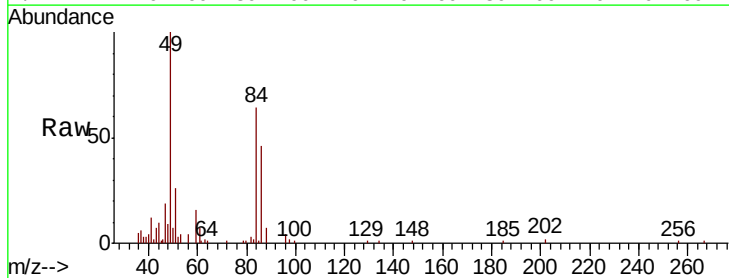
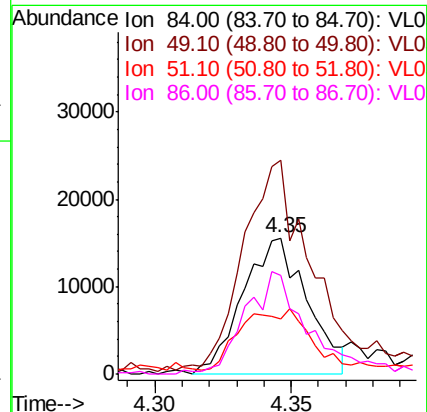
Ion Ratio Lower Upper

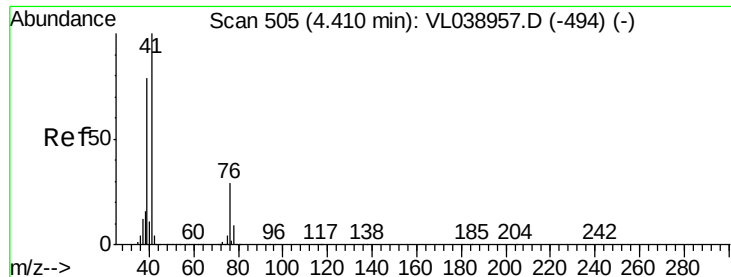
84 100

49 150.4 119.9 179.9

51 36.9 35.7 53.5

86 70.0 53.8 80.6



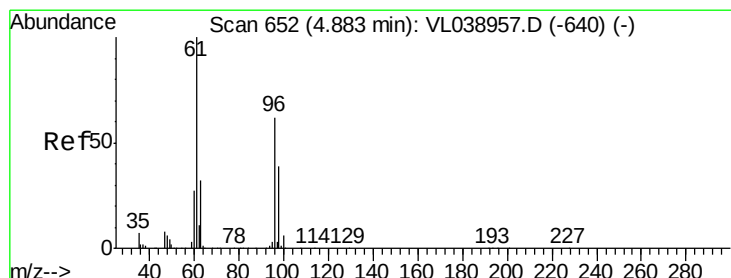
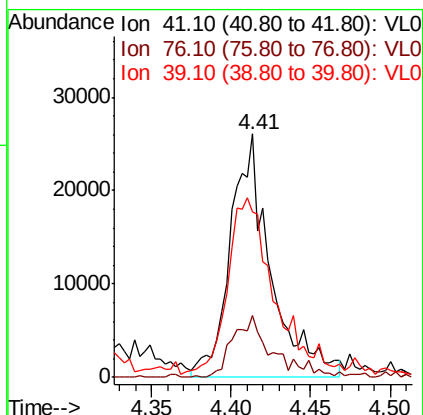
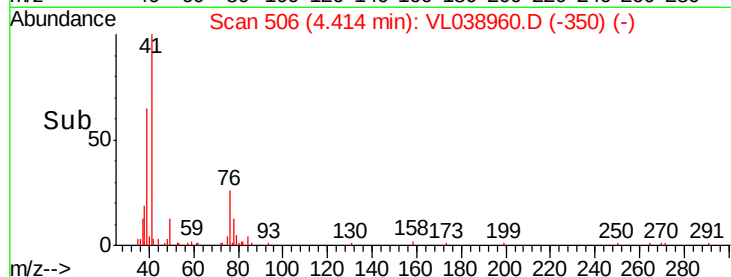
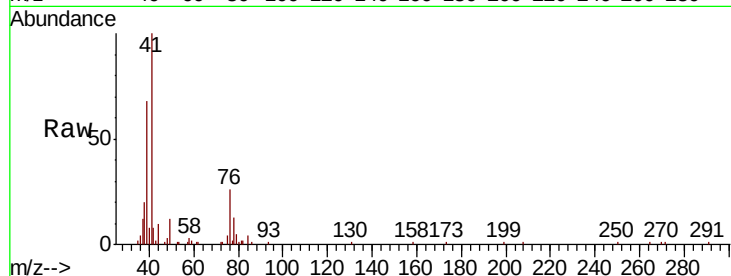


#21
 Allvl Chloride
 Concen: 0.449 ppbv m
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 41 100
 76 0.
 39 0.

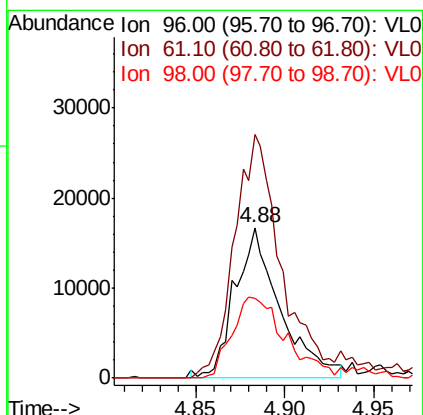
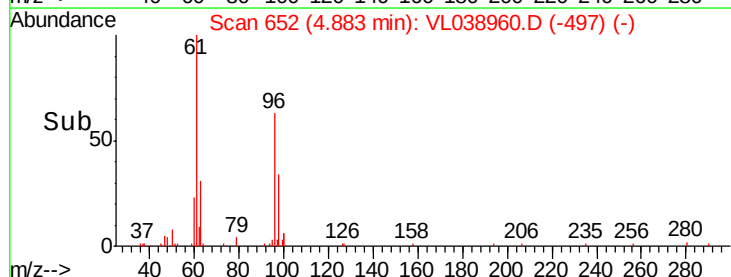
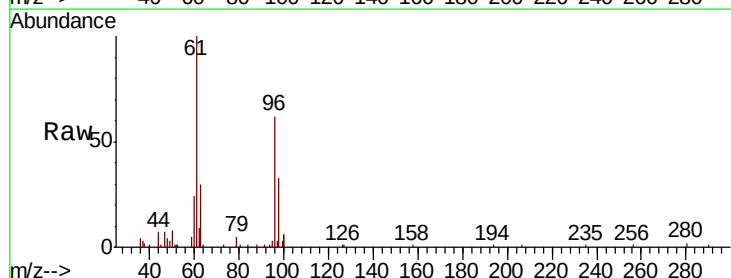
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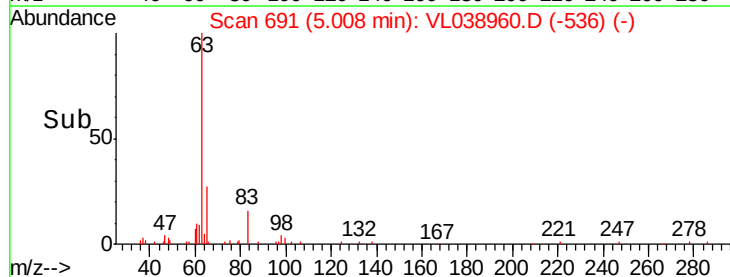
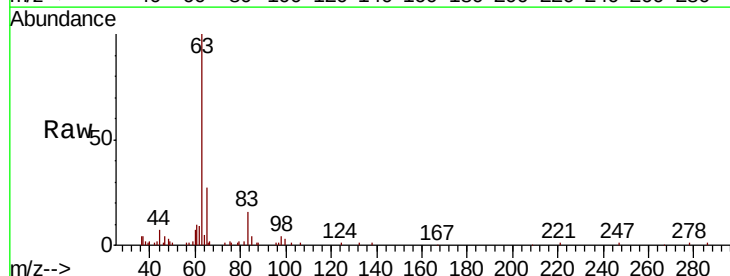
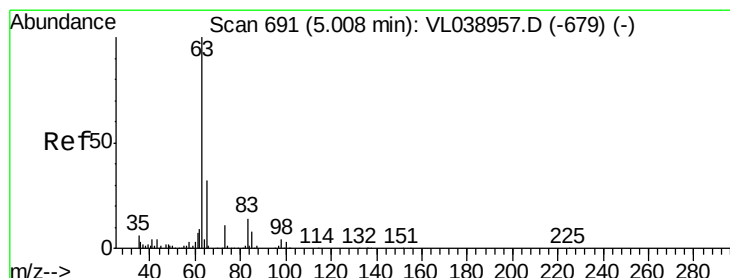
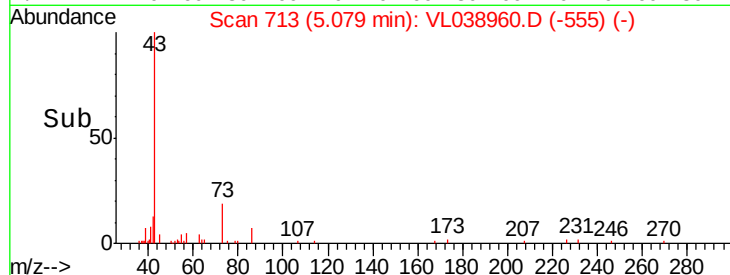
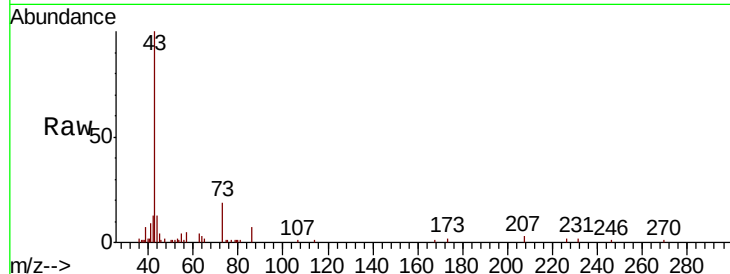
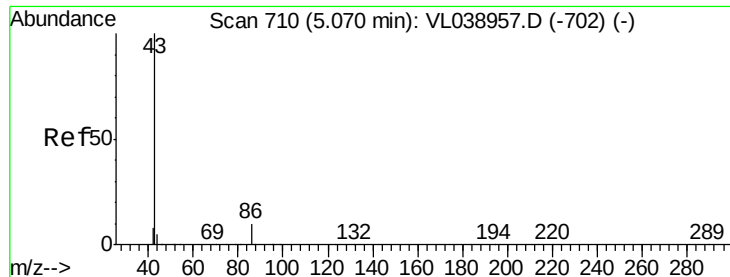
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.501 ppbv m
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 96 Resp: 29518
 Ion Ratio Lower Upper
 96 100
 61 162.0 128.2 192.2
 98 53.1 50.1 75.1





#23

Vinyl Acetate

Concen: 0.260 ppbv m

RT: 5.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

43 100

86 7.

42 12.

44 13.3

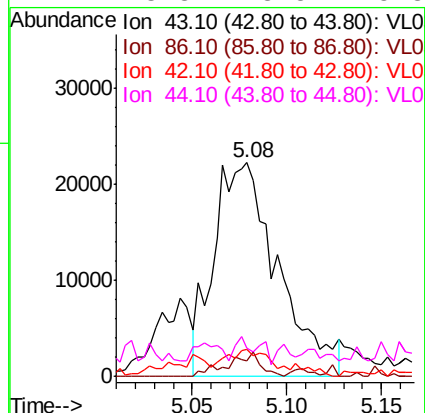
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

3.5 5.3#



#24

1,1-Dichloroethane

Concen: 0.361 ppbv

RT: 5.01 min Scan# 691

Delta R.T. -0.00 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

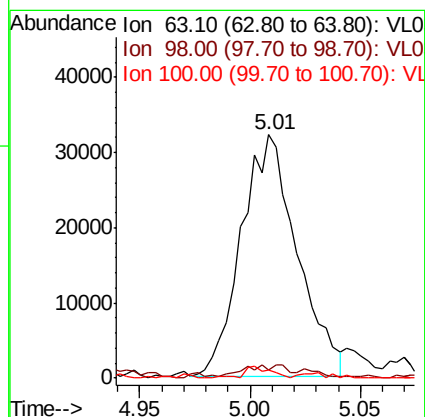
Tgt Ion: 63 Resp: 56492

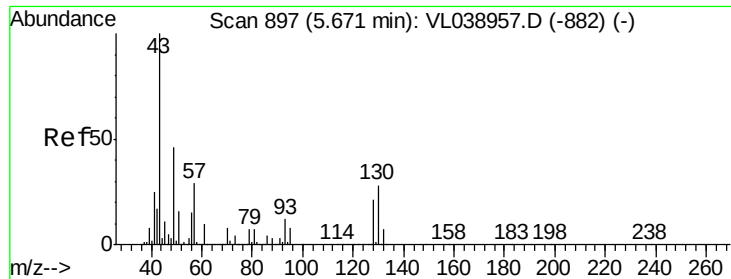
Ion Ratio Lower Upper

63 100

98 2.8 2.1 6.2

100 3.1 1.4 4.2



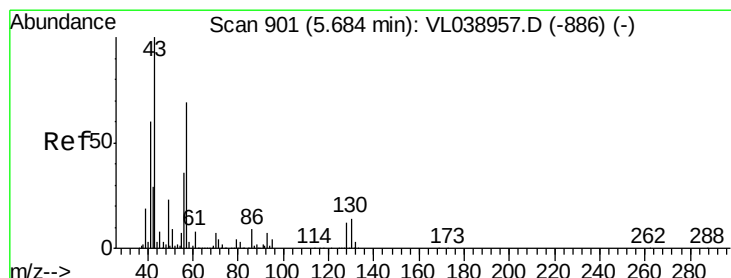
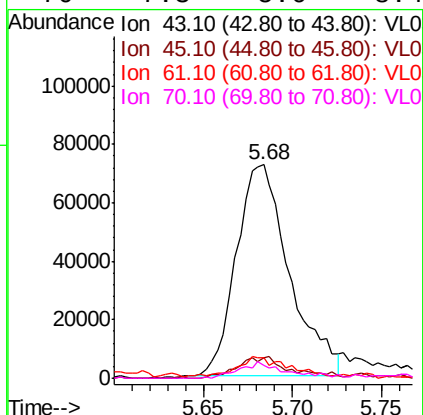
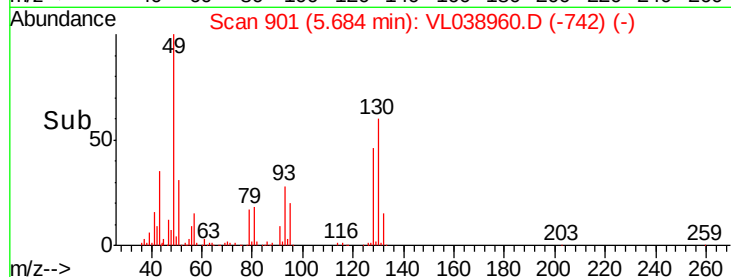
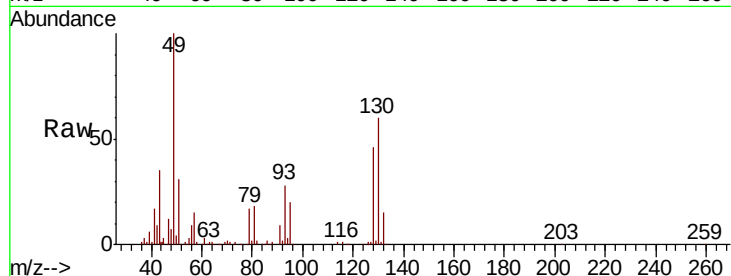


#25
Ethyl Acetate
Concen: 0.475 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
43 100
45 10.
61 12.
70 7.3 5.6 8.4

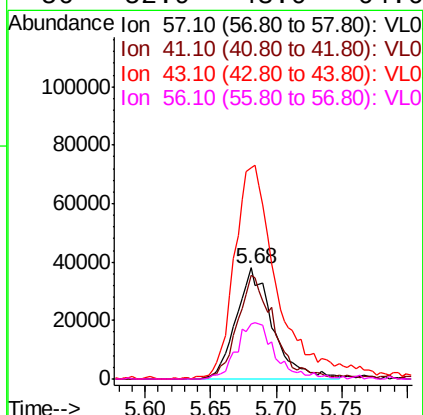
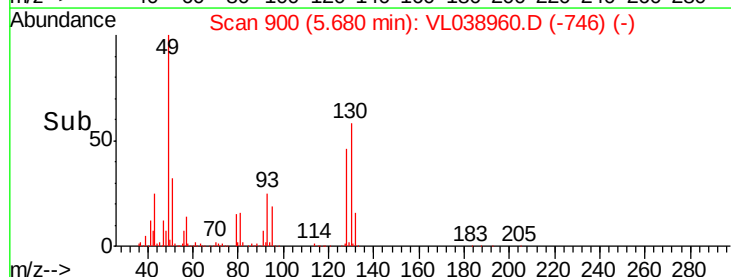
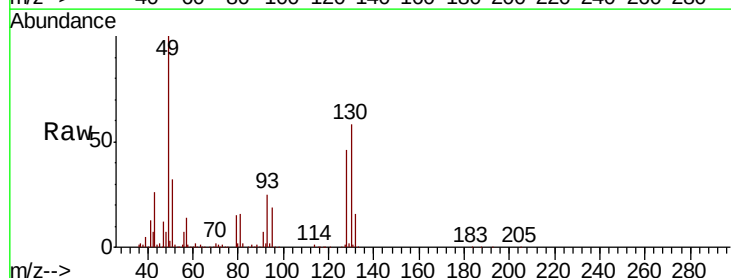
Manual Integrations
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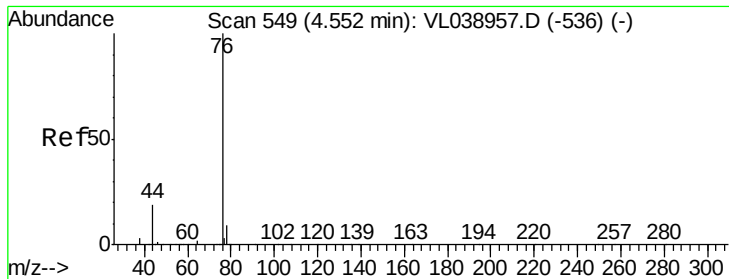
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 0.512 ppbv m
RT: 5.68 min Scan# 900
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 57 Resp: 73794
Ion Ratio Lower Upper
57 100
41 97.0 75.2 112.8
43 232.6 190.8 286.2
56 52.9 43.0 64.6





#27

Carbon Disulfide

Concen: 0.389 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39

Tot Ion:

Ion Ratio

76 100

44 29.

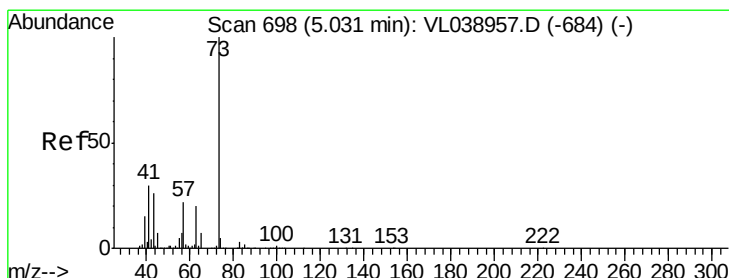
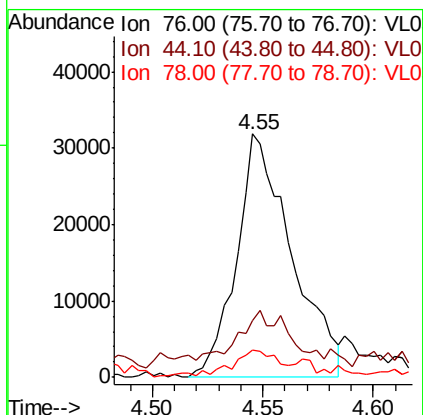
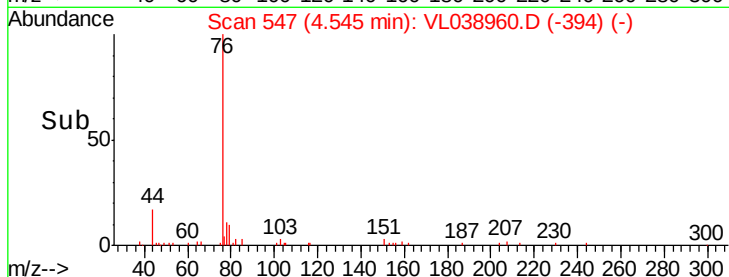
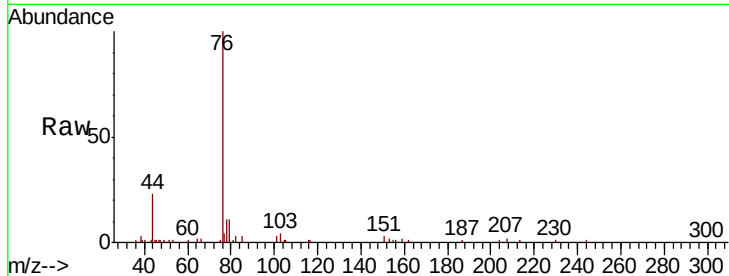
78 13.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#28

Methyl tert-Butyl Ether

Concen: 0.309 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.01 min

Lab File: VL038960.D

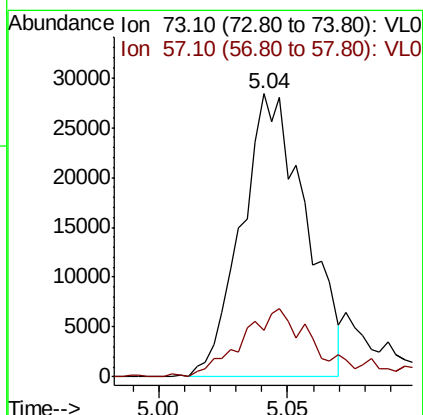
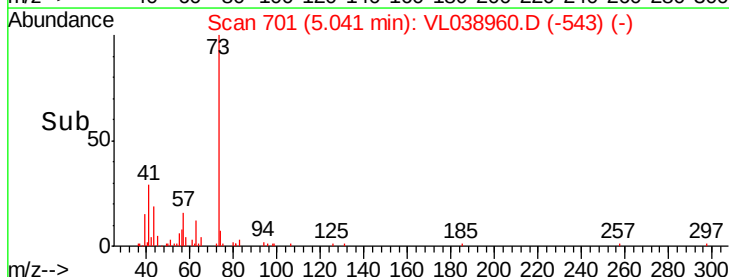
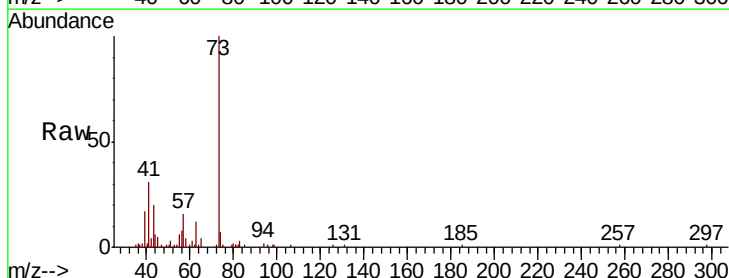
Acq: 5 May 2022 4:39

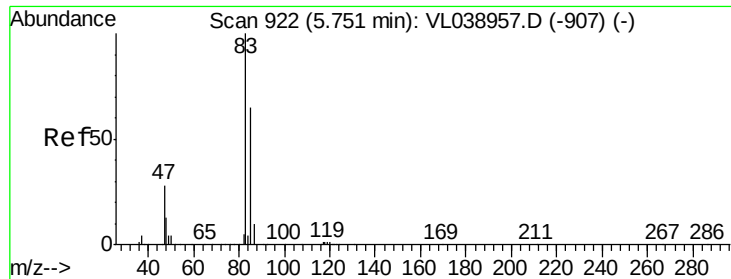
Tgt Ion: 73 Resp: 49264

Ion Ratio Lower Upper

73 100

57 29.7 18.8 28.2#



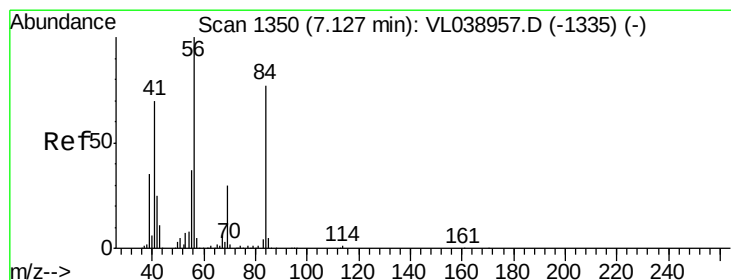
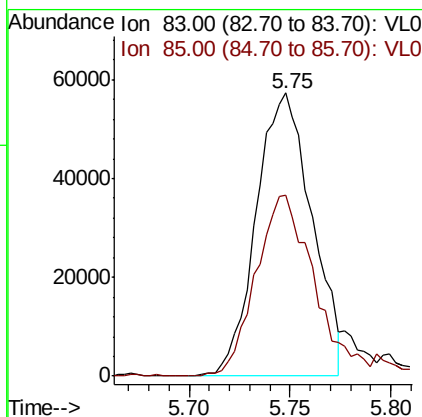
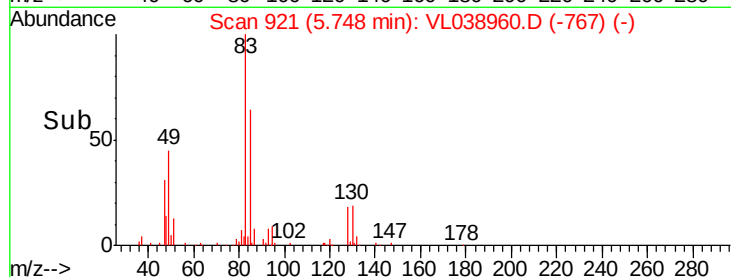
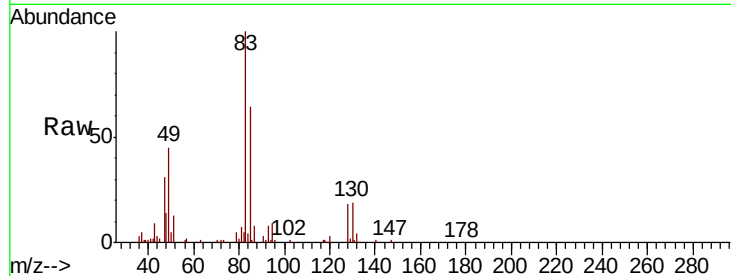


#29
Chloroform
Concen: 0.470 ppbv
RT: 5.75
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
83 100
85 64.

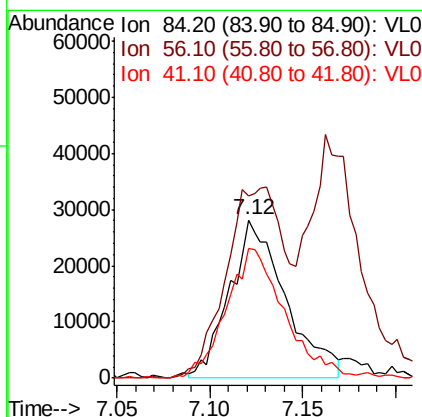
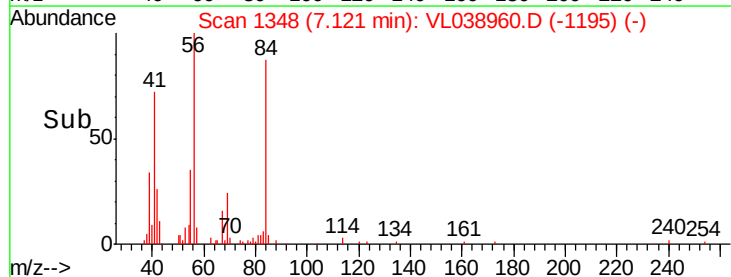
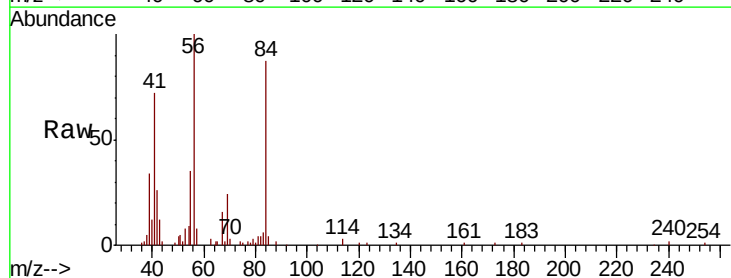
Manual Integrations
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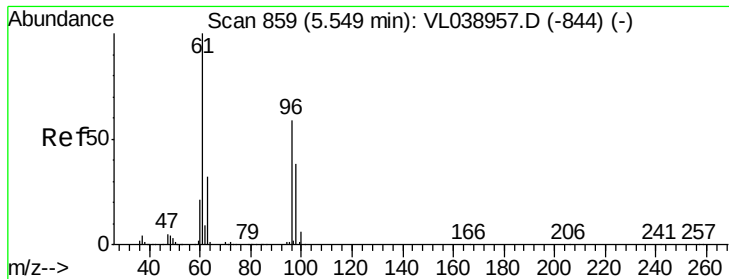
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 0.508 ppbv
RT: 7.12 min Scan# 1348
Delta R.T.: -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 84 Resp: 59356
Ion Ratio Lower Upper
84 100
56 121.8 115.3 172.9
41 86.1 72.0 108.0



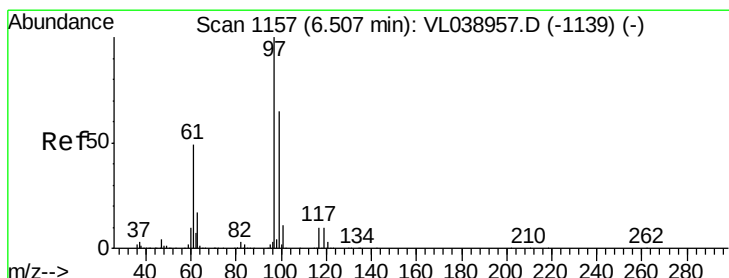
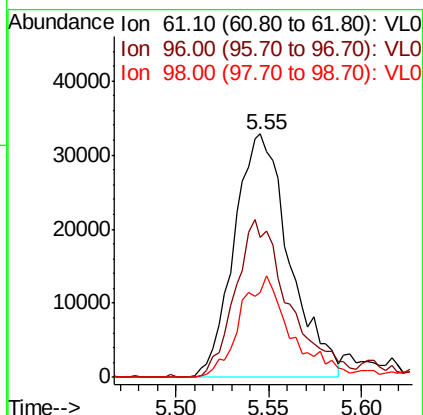
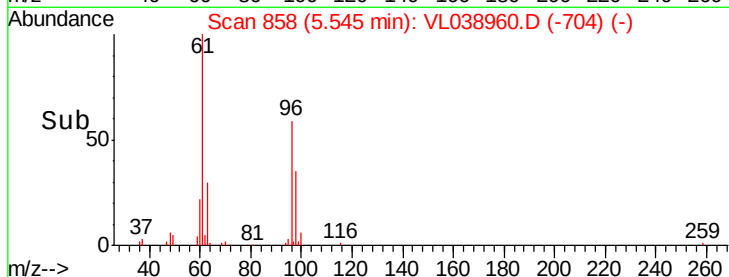
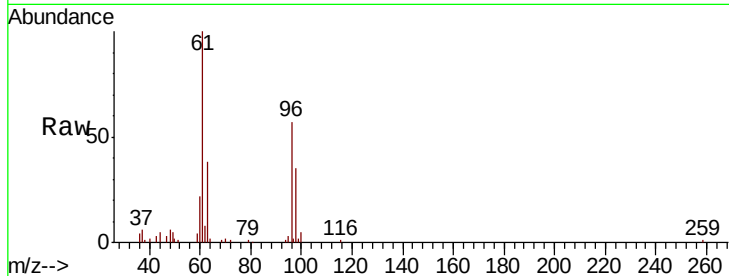


#31
 cis-1,2-Dichloroethene
 Concen: 0.483 ppbv
 RT: 5.55
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 61 100
 96 57.
 98 34.

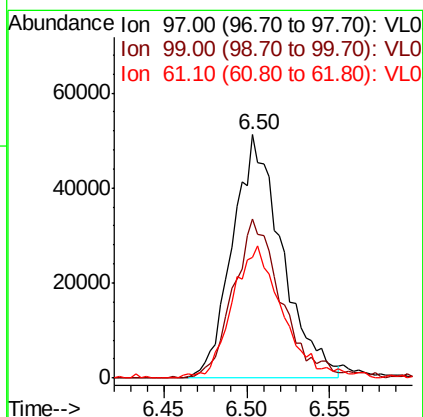
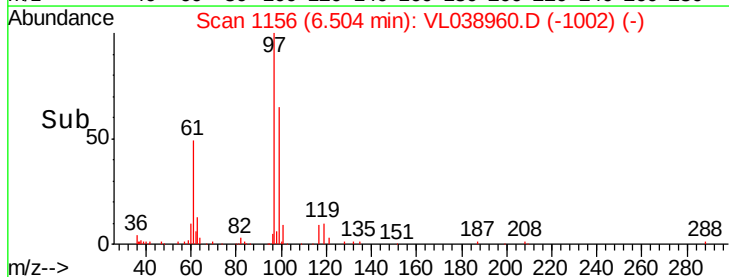
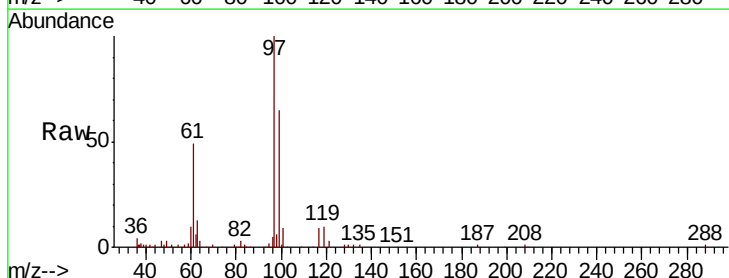
Manual Integrations
 APPROVED

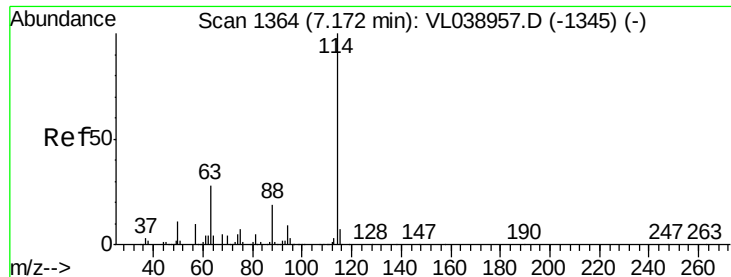
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.450 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 97 Resp: 106203
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.9 77.9
 61 56.3 40.9 61.3



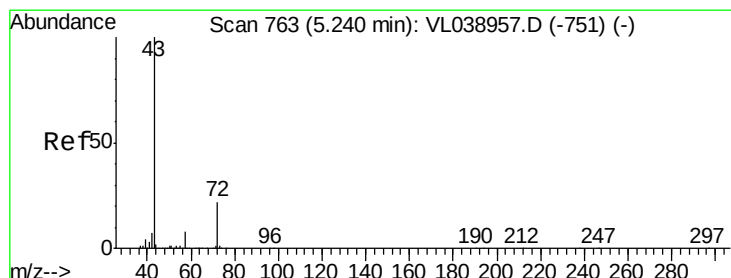
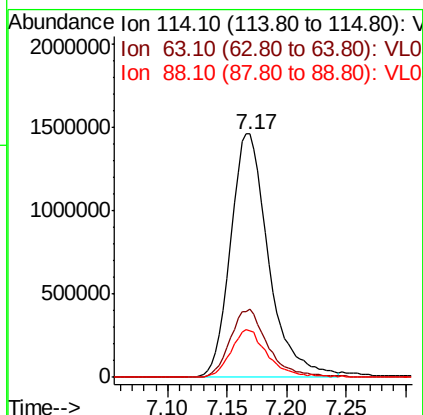
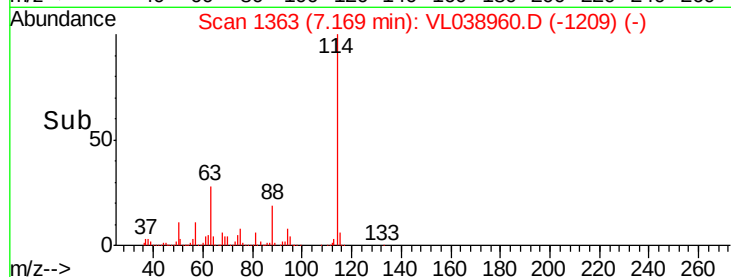
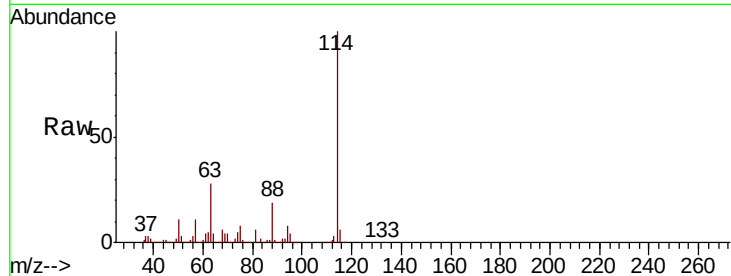


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

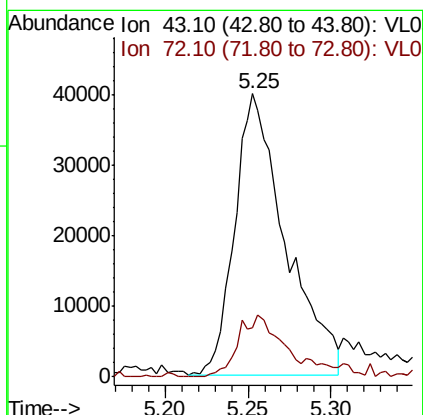
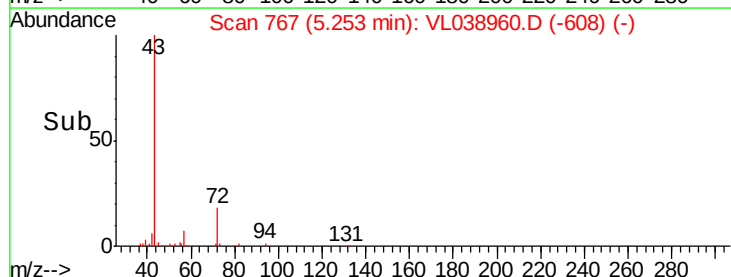
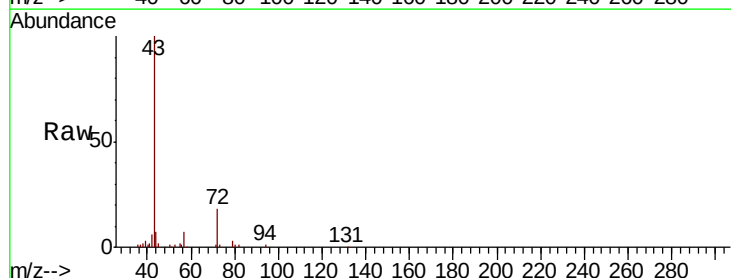
Manual Integrations
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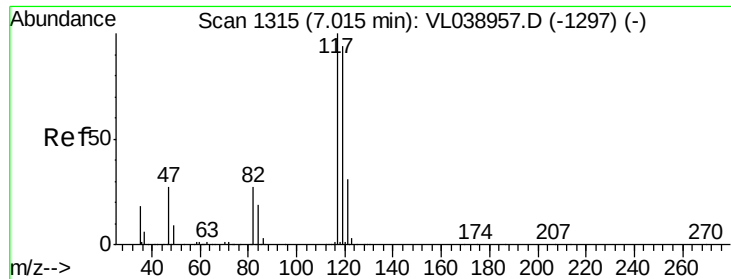
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 0.530 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 43 Resp: 84994
 Ion Ratio Lower Upper
 43 100
 72 23.0 17.8 26.6



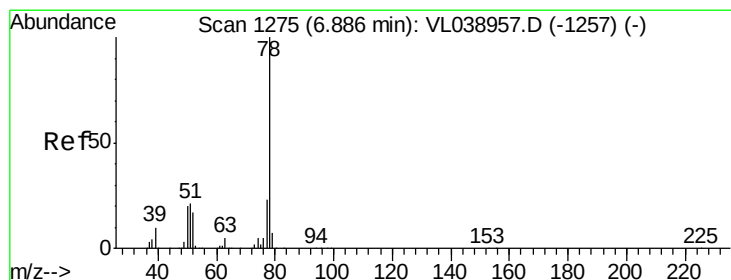
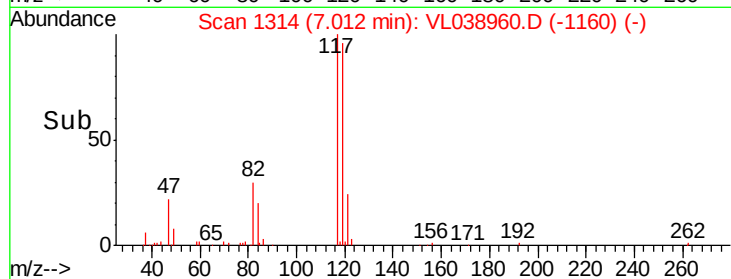
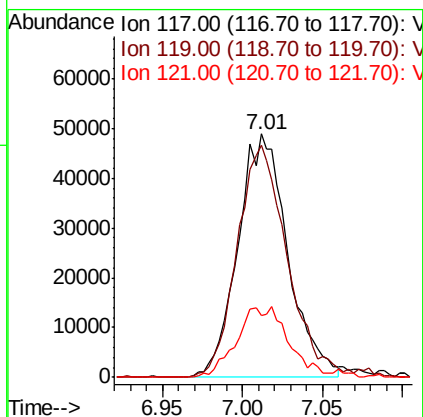
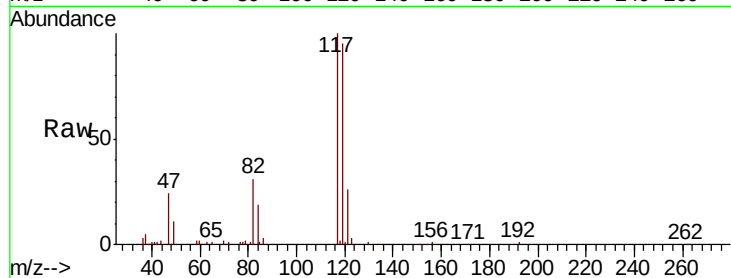


#35
Carbon Tetrachloride
Concen: 0.420 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:1
Ion Rati
117 100
119 95.
121 25.

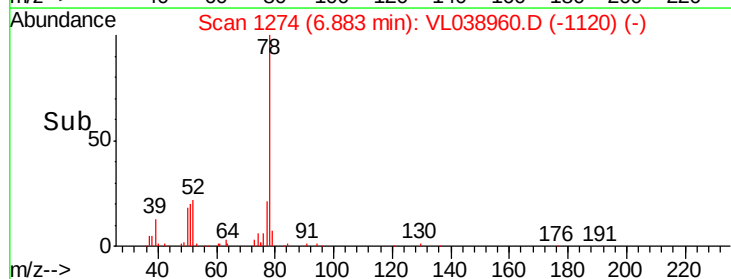
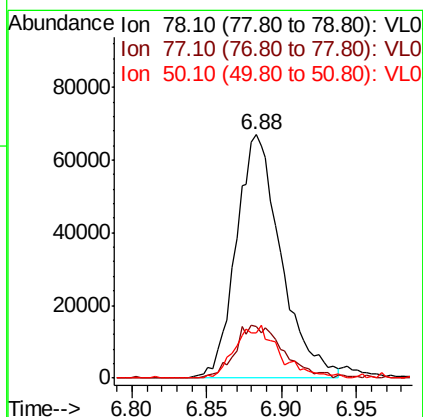
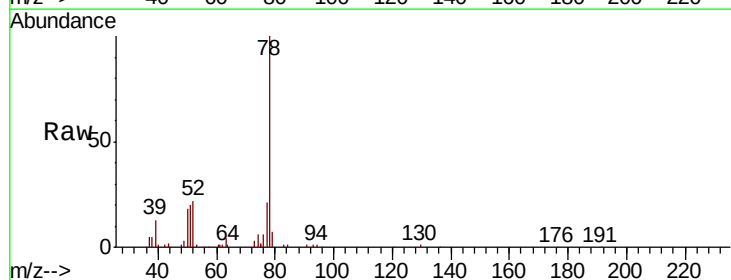
Manual Integrations
APPROVED

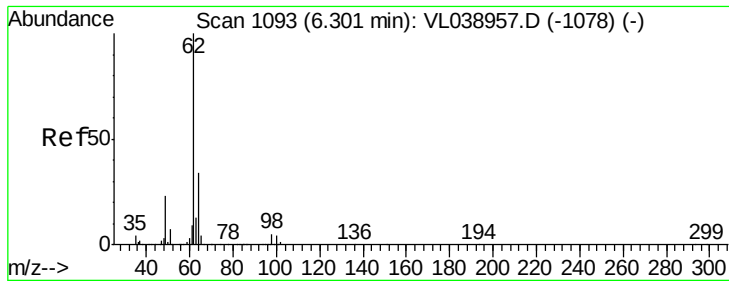
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#36
Benzene
Concen: 0.474 ppbv
RT: 6.88 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 78 Resp: 139432
Ion Ratio Lower Upper
78 100
77 21.2 18.6 28.0
50 18.4 15.6 23.4



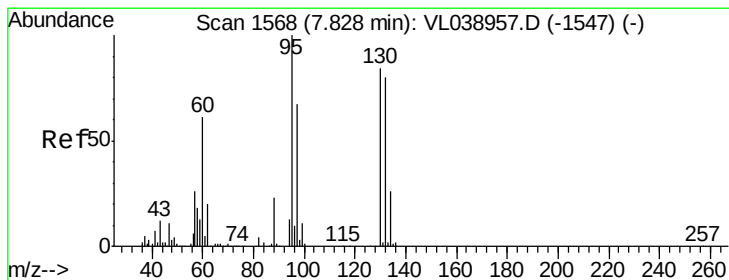
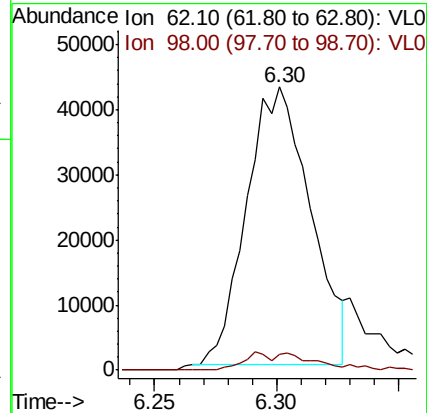
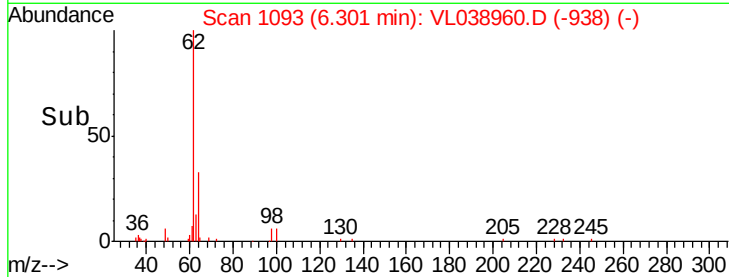
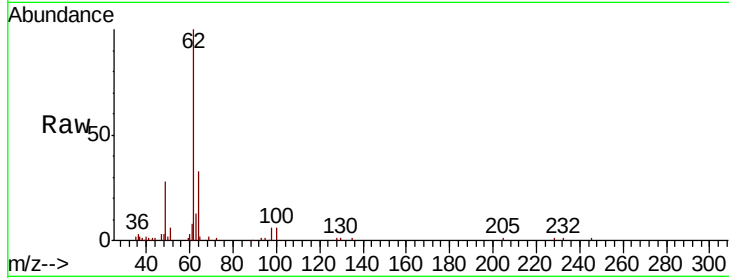


#37
 1,2-Dichloroethane
 Concen: 0.440 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 62 100
 98 6.

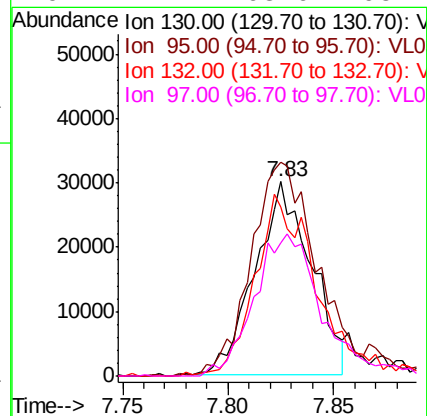
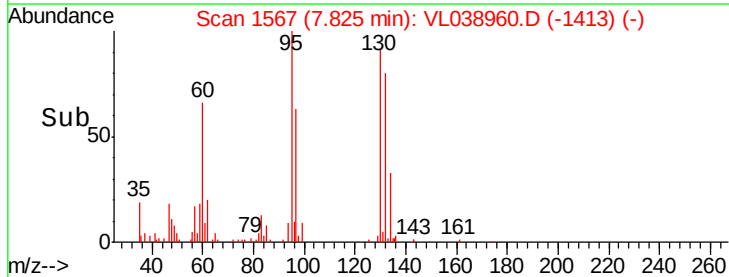
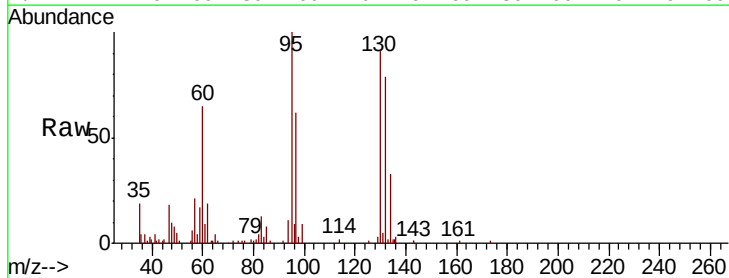
Manual Integrations
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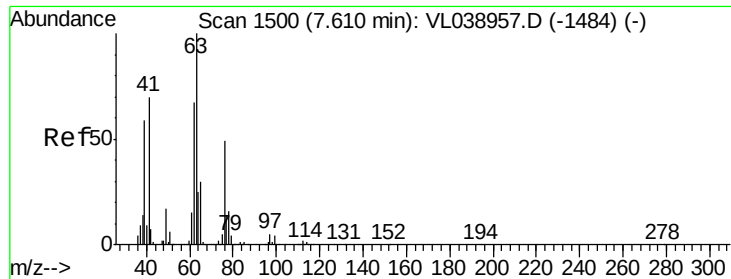
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 0.471 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:130 Resp: 55505
 Ion Ratio Lower Upper
 130 100
 95 115.0 94.8 142.2
 132 90.9 75.8 113.8
 97 72.1 63.6 95.4



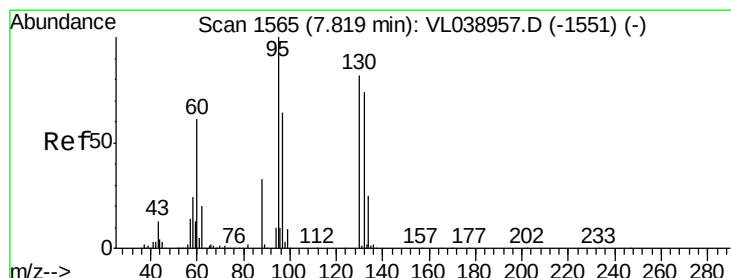
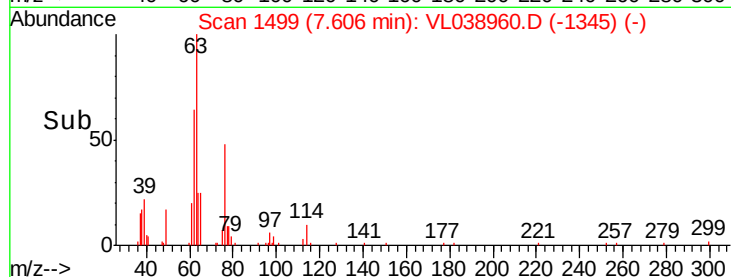
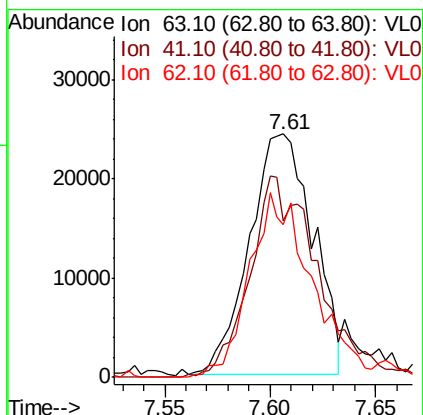
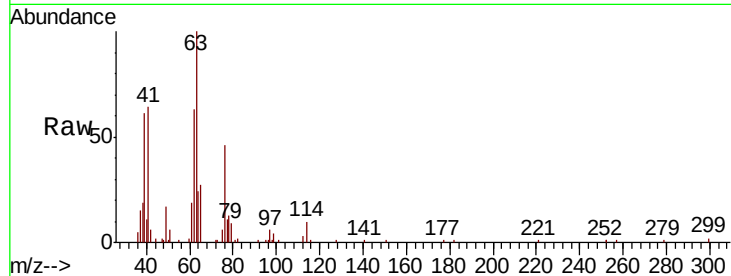


#39
 1,2-Dichloropropane
 Concen: 0.424 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

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

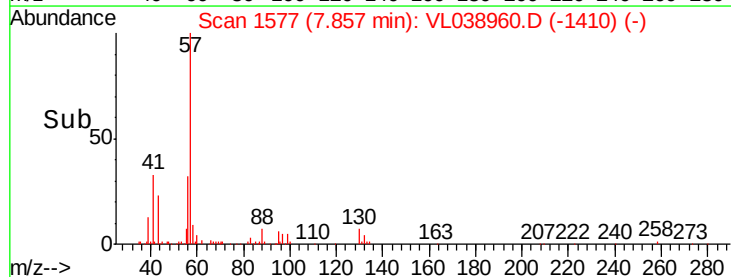
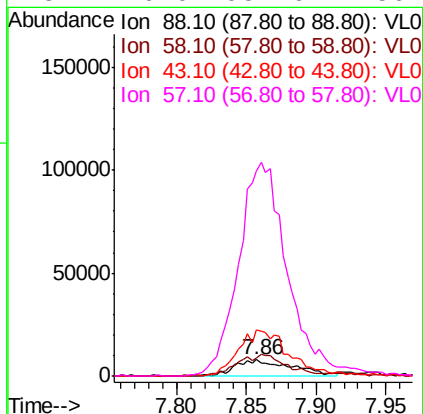
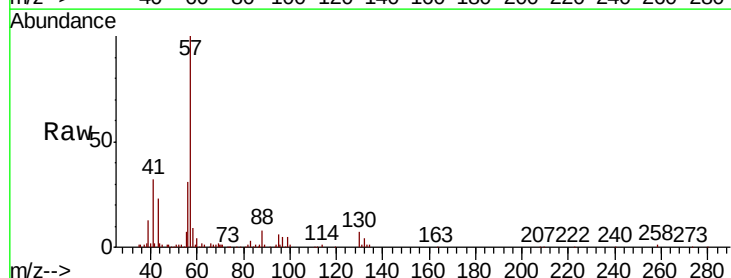
Manual Integrations
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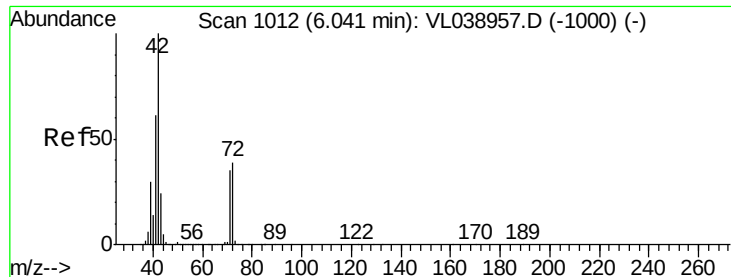
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#40
 1,4-Dioxane
 Concen: 0.728 ppbv m
 RT: 7.86 min Scan# 1577
 Delta R.T. 0.04 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 88 Resp: 22276
 Ion Ratio Lower Upper
 88 100
 58 0.0 106.1 159.1#
 43 0.0 222.9 334.3#
 57 0.0 957.6 1436.4#



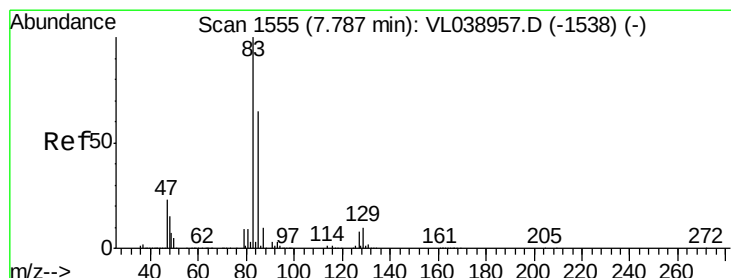
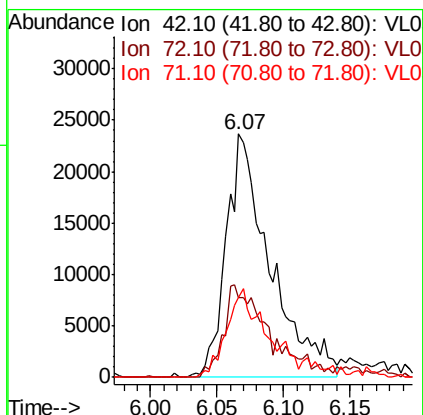
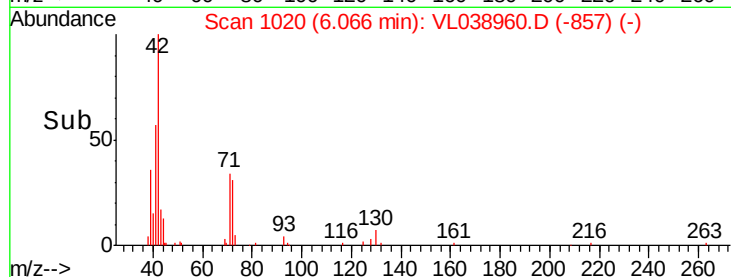
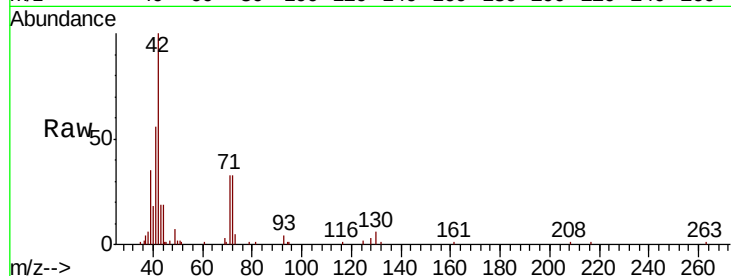


#41
Tetrahydrofuran
Concen: 0.683 ppbv m
RT: 6.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
42 100
72 39.
71 38.

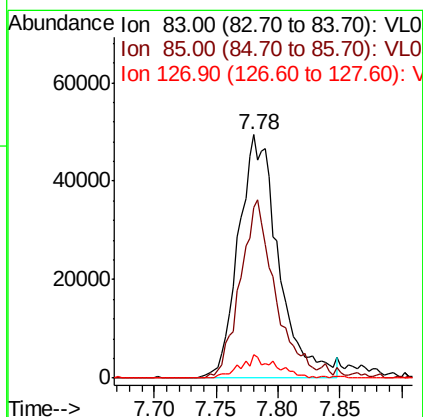
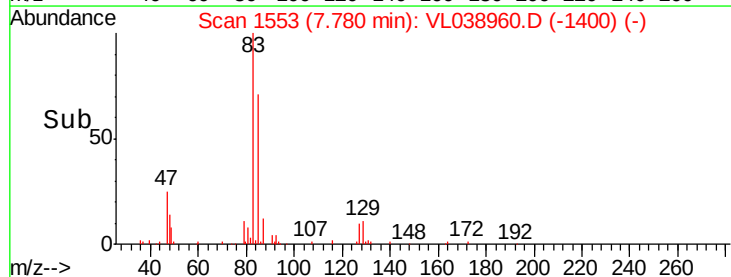
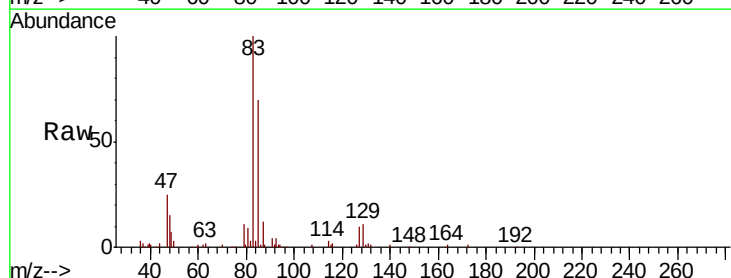
Manual Integrations
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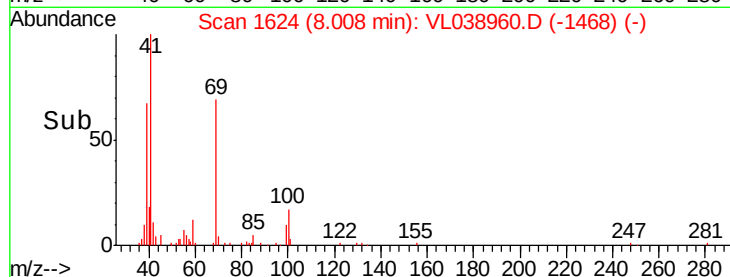
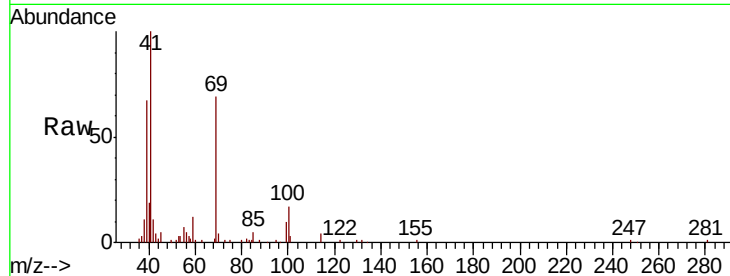
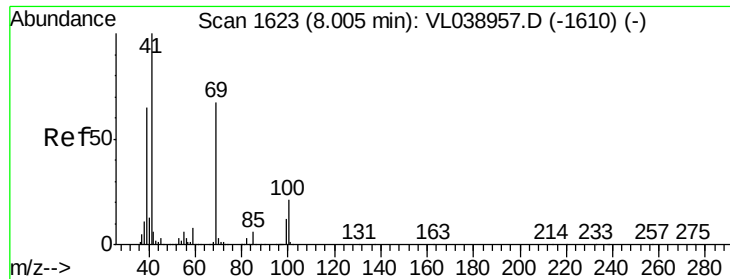
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#42
Bromodichloromethane
Concen: 0.466 ppbv m
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 83 Resp: 111570
Ion Ratio Lower Upper
83 100
85 70.1 52.0 78.0
127 9.5 6.0 9.0#





#43

Methyl Methacrylate

Concen: 0.544 ppbv m

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39

Tot Ion:

Ion Ratio

69 100

41 152.

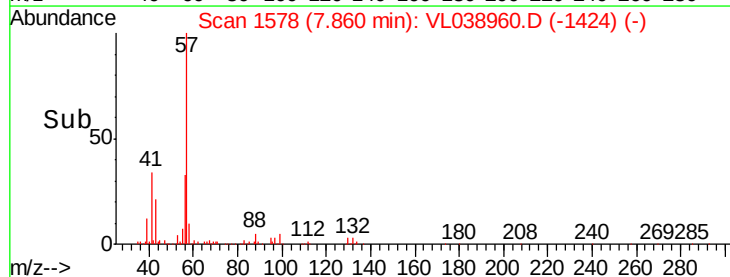
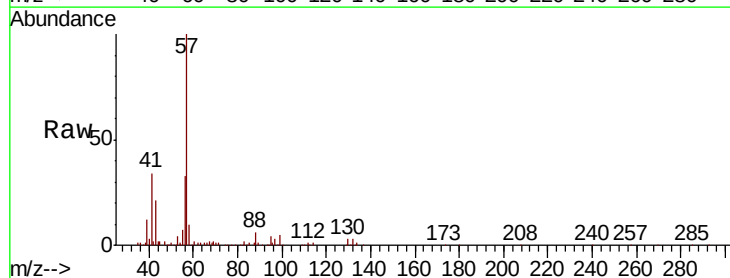
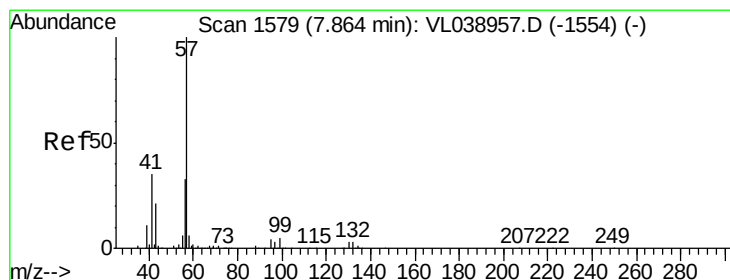
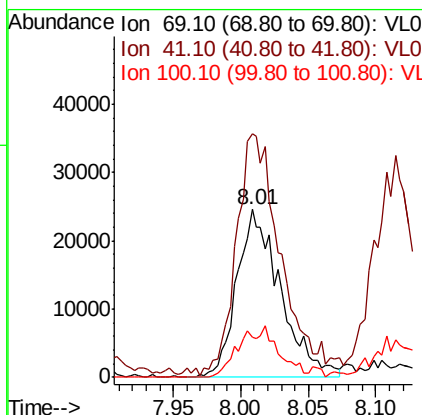
100 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#44

2,2,4-Trimethylpentane

Concen: 0.479 ppbv

RT: 7.86 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

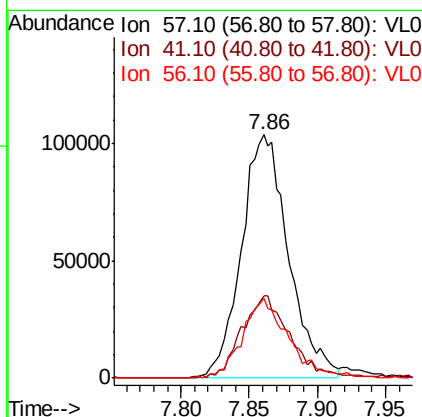
Tgt Ion: 57 Resp: 249281

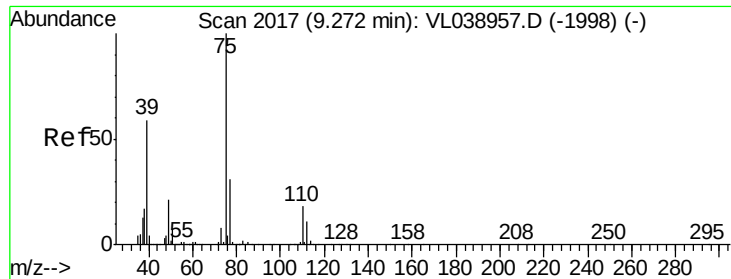
Ion Ratio Lower Upper

57 100

41 35.0 26.3 39.5

56 32.3 24.6 37.0





#45

t-1,3-Dichloropropene

Concen: 0.352 ppbv m

RT: 9.28 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

75 100

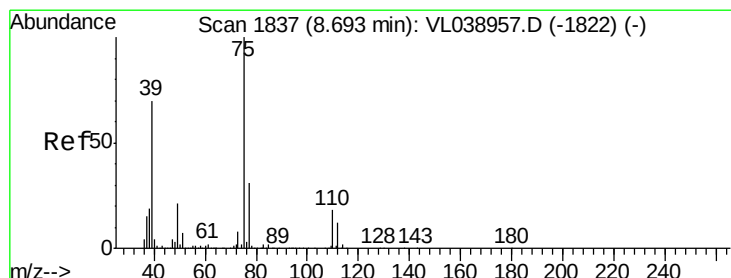
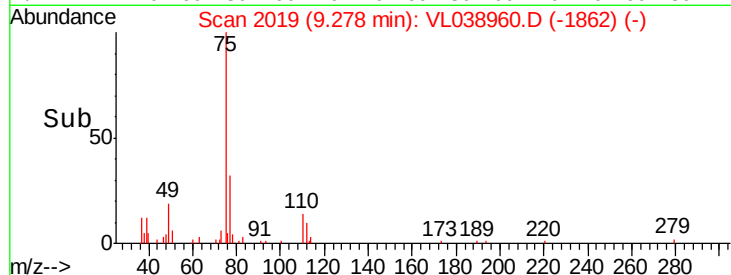
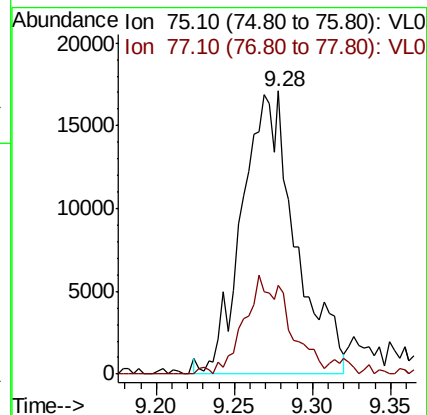
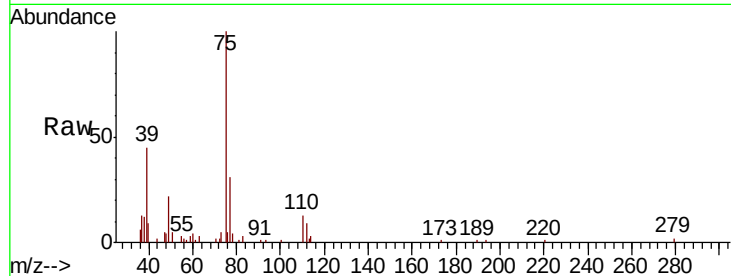
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.412 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. -0.00 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

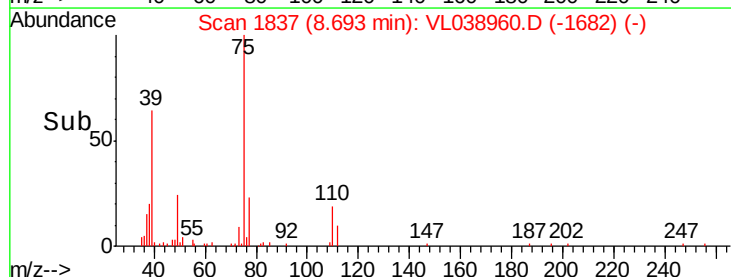
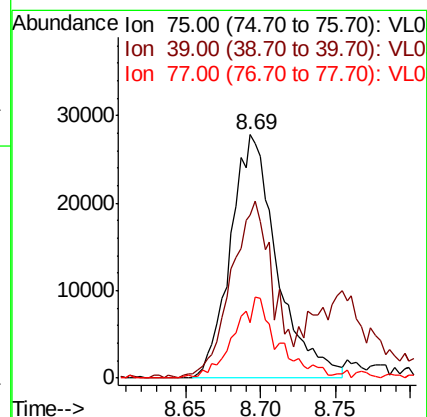
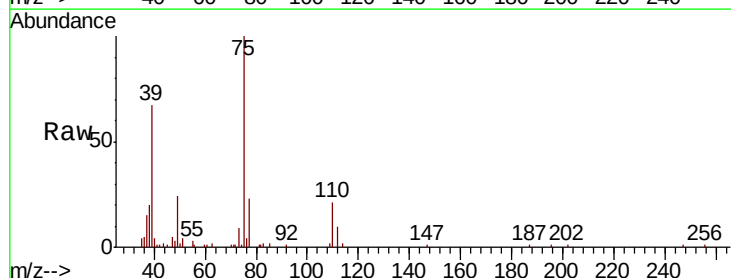
Tgt Ion: 75 Resp: 60292

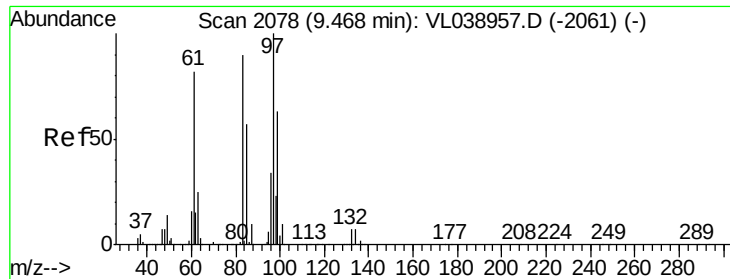
Ion Ratio Lower Upper

75 100

39 65.3 55.8 83.6

77 22.1 24.8 37.2#



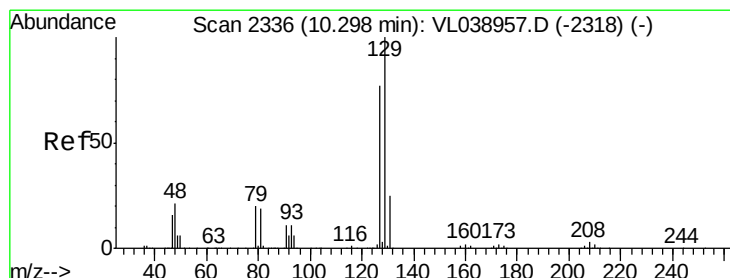
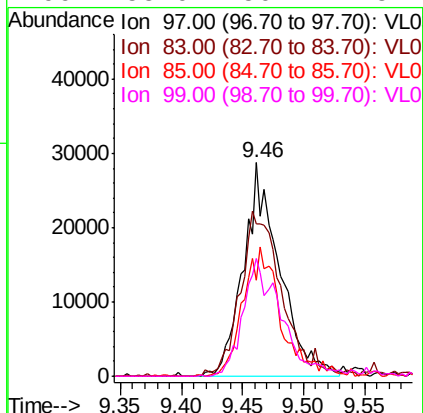
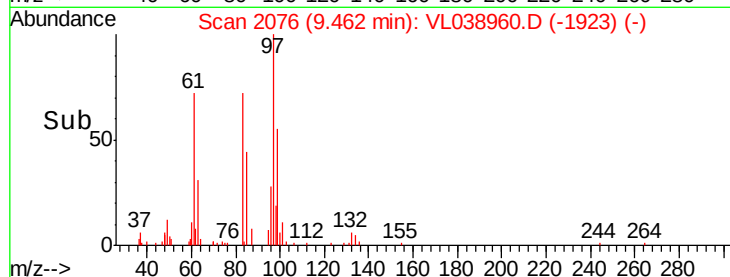
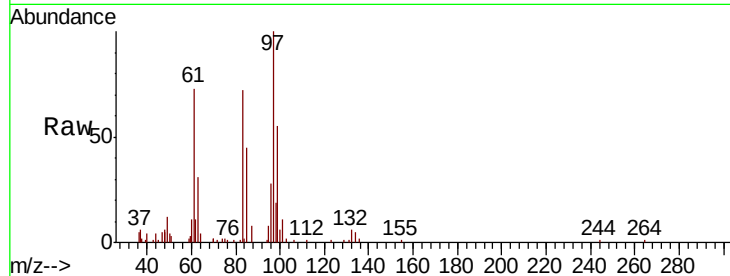


#47
 1,1,2-Trichloroethane
 Concen: 0.483 ppbv m
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 97 100
 83 71.
 85 45.
 99 55.0 50.2 75.4

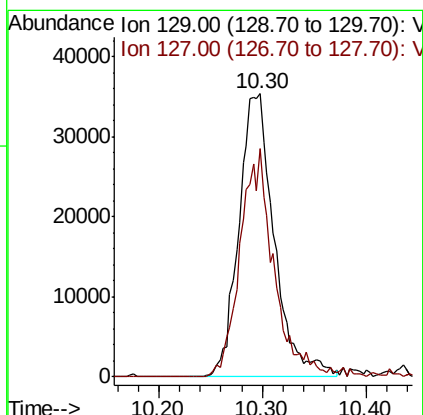
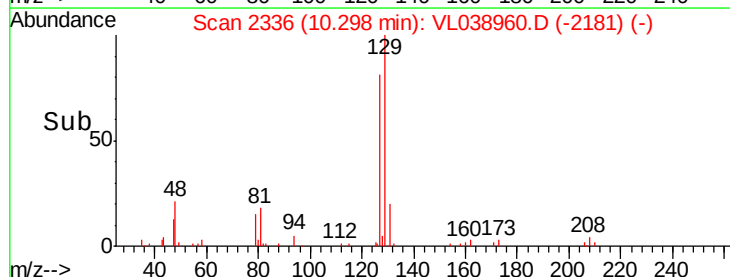
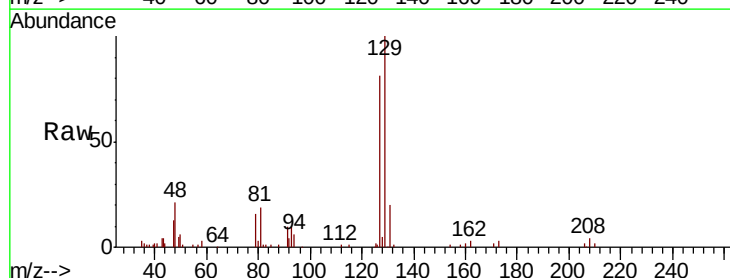
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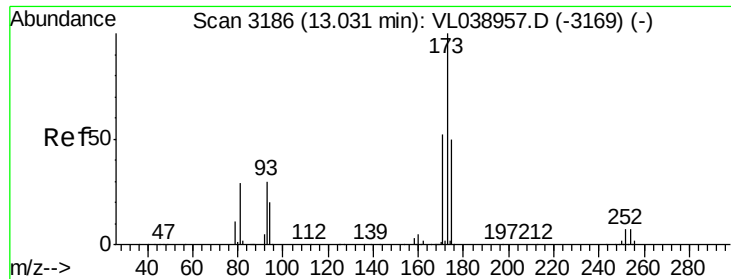
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#48
 Dibromochloromethane
 Concen: 0.446 ppbv m
 RT: 10.30 min Scan# 2336
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:129 Resp: 83224
 Ion Ratio Lower Upper
 129 100
 127 0.0 39.3 117.9#





#49

Bromoform

Concen: 0.395 ppbv m

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39

Tot Ion:1

Ion Rati

173 100

175 51.

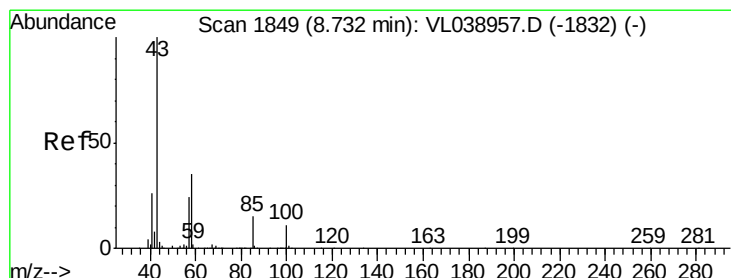
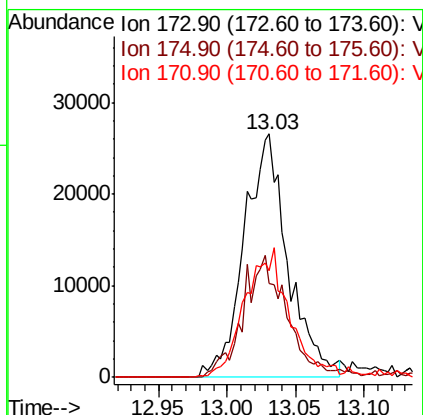
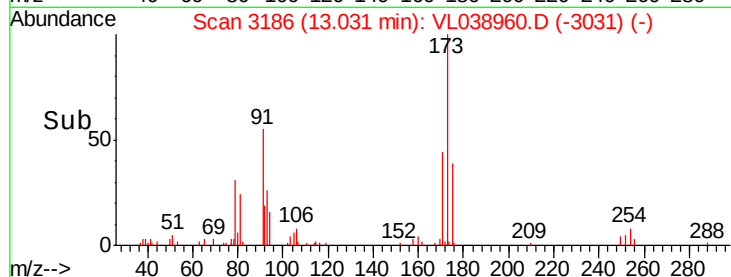
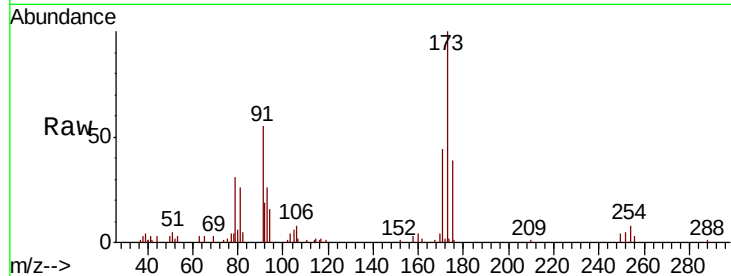
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#50

4-Methyl-2-Pentanone

Concen: 0.570 ppbv m

RT: 8.76 min Scan# 1857

Delta R.T. 0.03 min

Lab File: VL038960.D

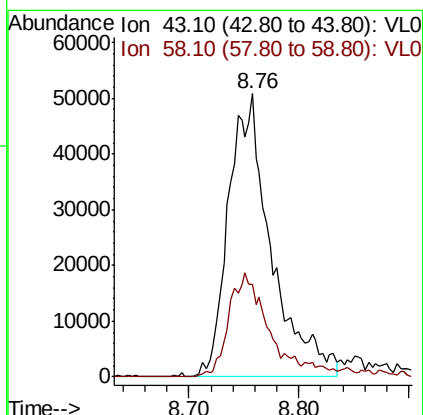
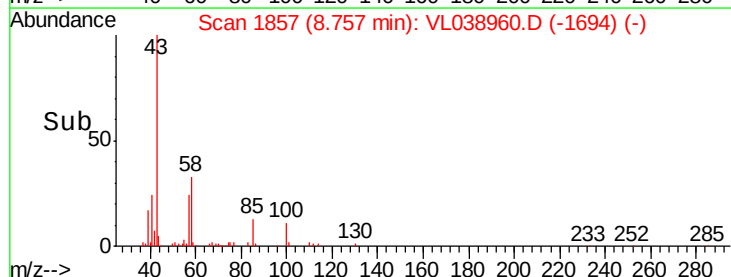
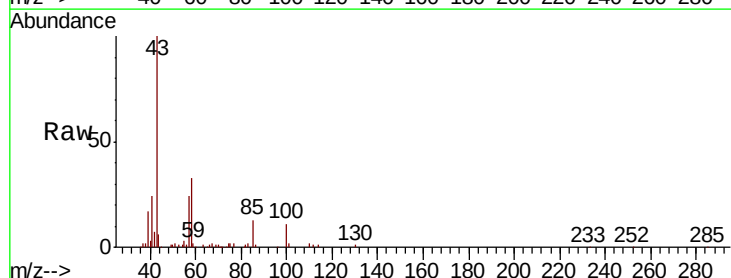
Acq: 5 May 2022 4:39

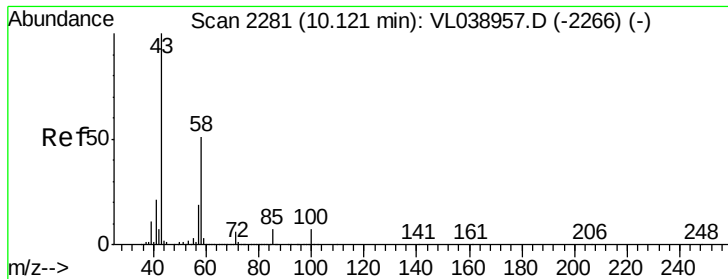
Tgt Ion: 43 Resp: 136554

Ion Ratio Lower Upper

43 100

58 0.0 28.4 42.6#



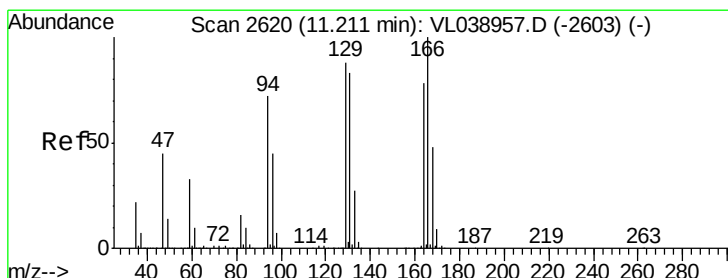
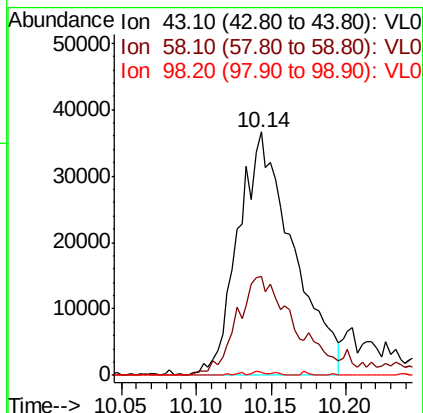
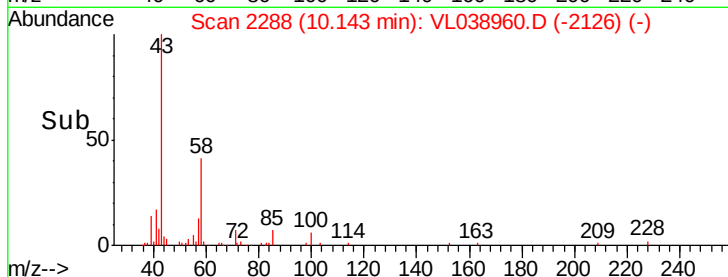
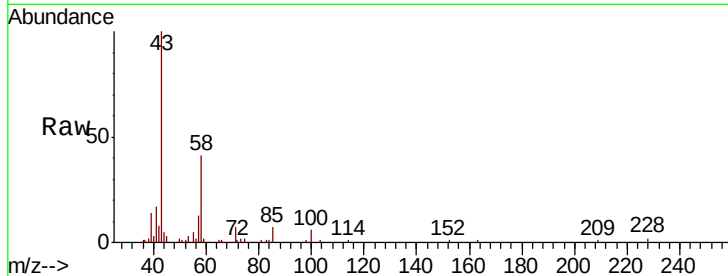


#51
2-Hexanone
Concen: 0.689 ppbv
RT: 10.14 min
Delta R.T.: MSVOA_1
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
43 100
58 45.
98 1.

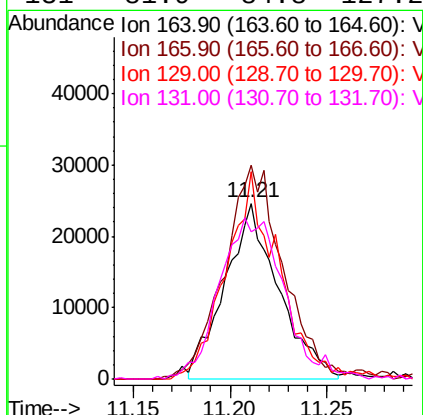
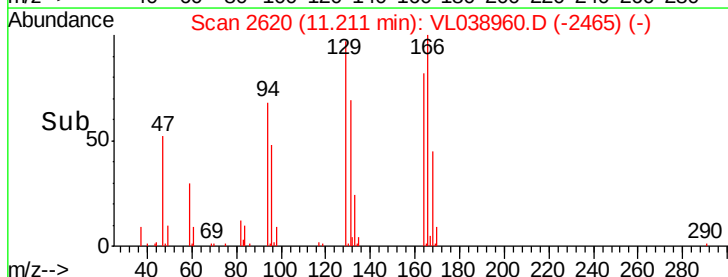
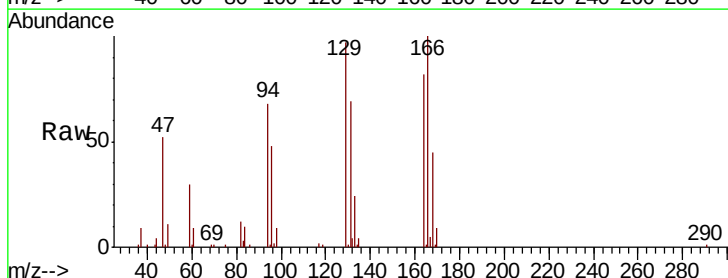
Manual Integrations
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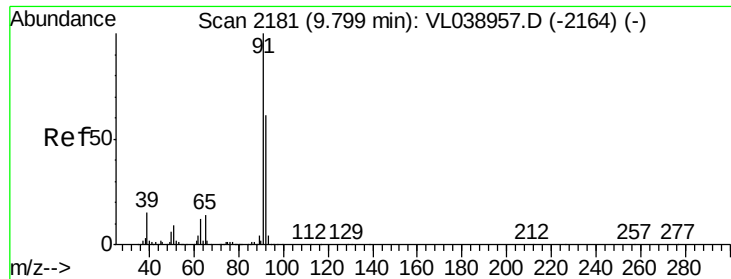
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 0.436 ppbv
RT: 11.21 min Scan# 2620
Delta R.T.: -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:164 Resp: 47448
Ion Ratio Lower Upper
164 100
166 120.2 102.5 153.7
129 114.8 90.1 135.1
131 81.9 84.8 127.2#





#53

Toluene

Concen: 0.482 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:

Ion Ratio

91 100

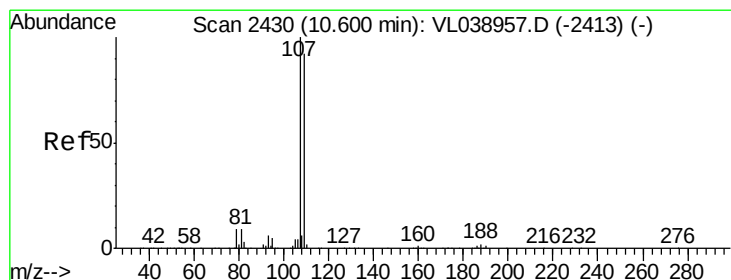
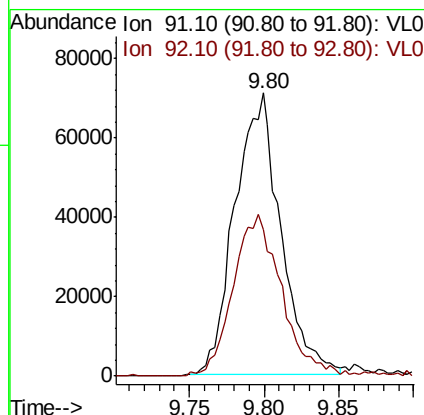
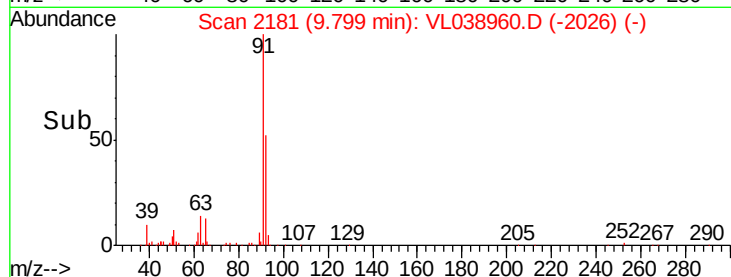
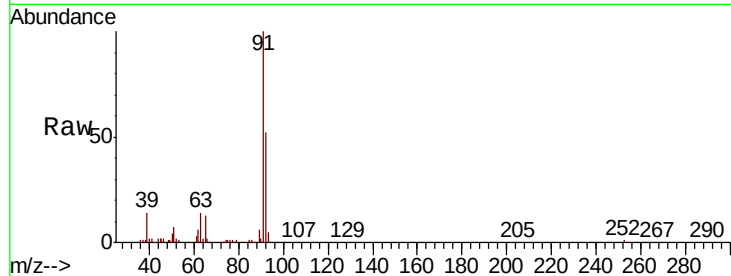
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#54

1,2-Dibromoethane

Concen: 0.373 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038960.D

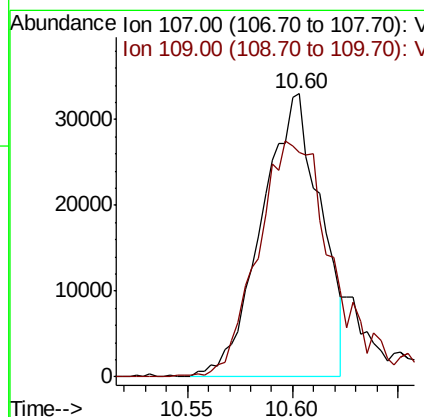
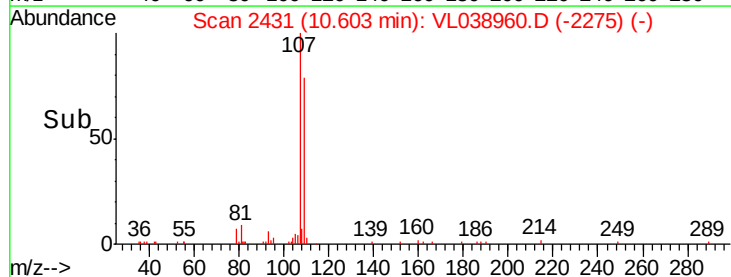
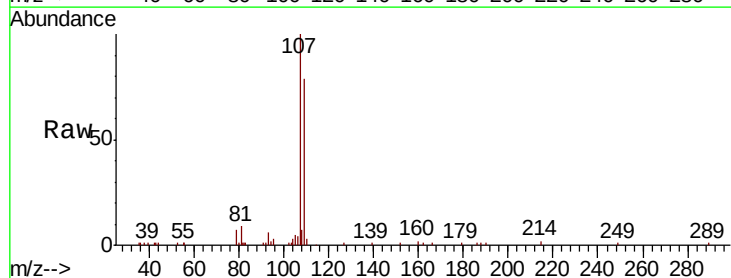
Acq: 5 May 2022 4:39

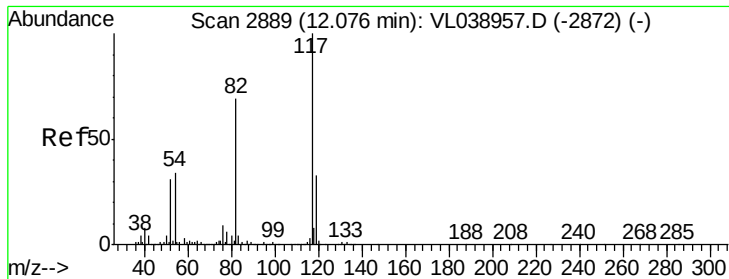
Tgt Ion:107 Resp: 63840

Ion Ratio Lower Upper

107 100

109 79.0 73.8 110.8



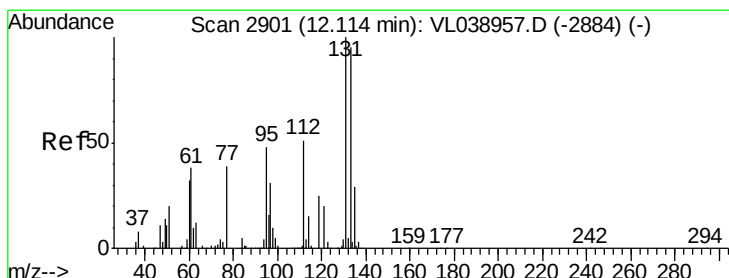
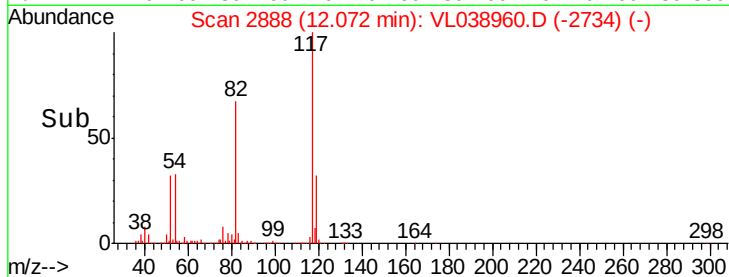
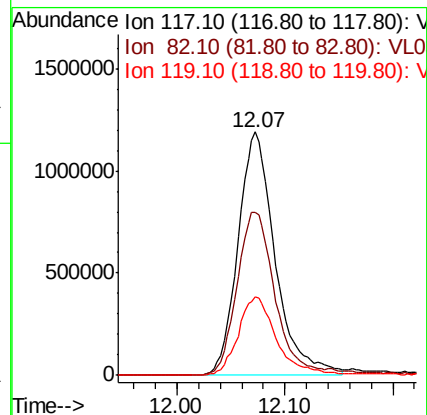
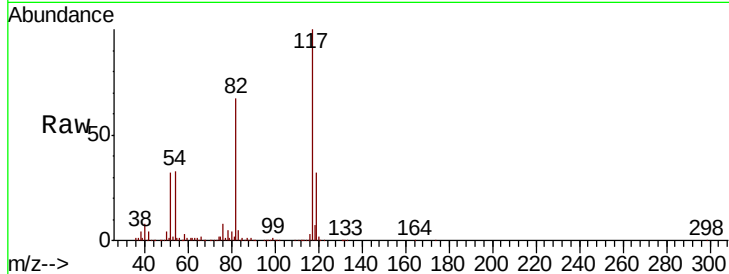


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:1
Ion Rati
117 100
82 72.
119 34.

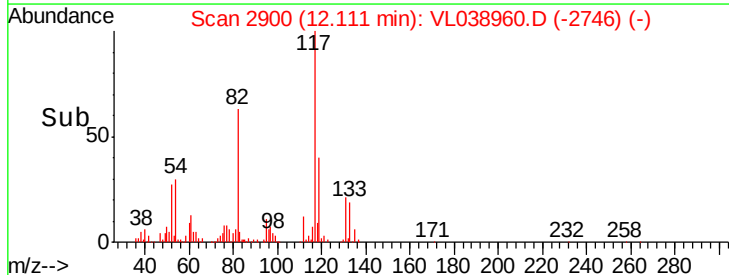
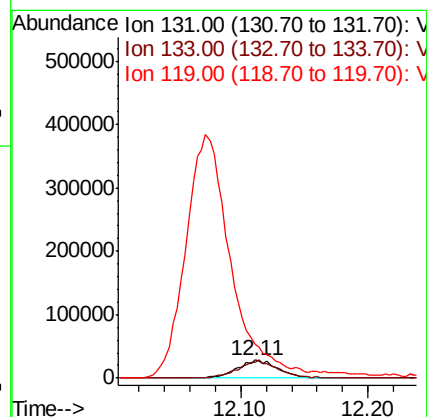
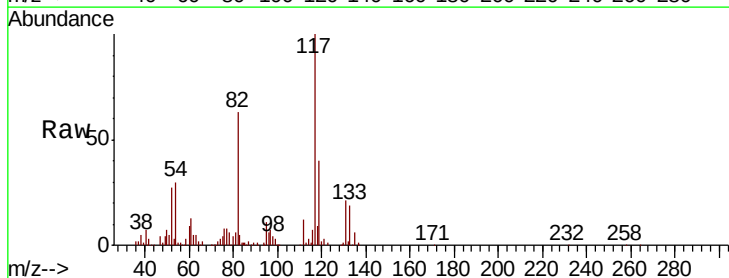
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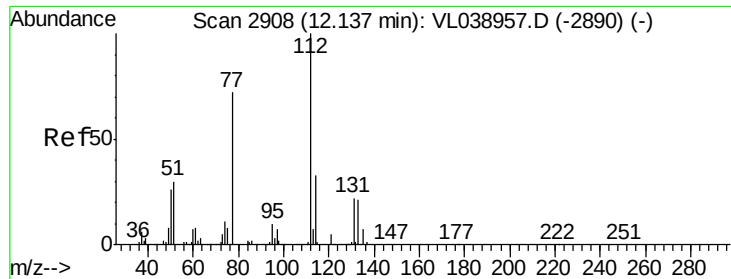
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.489 ppbv m
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:131 Resp: 62874
Ion Ratio Lower Upper
131 100
133 0.0 76.9 115.3#
119 0.0 47.4 71.0#



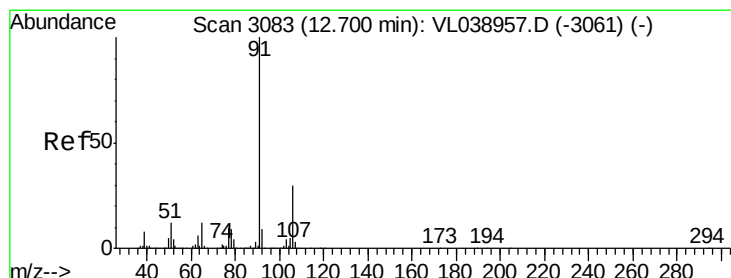
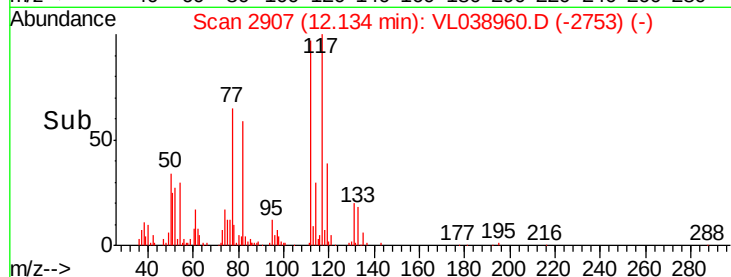
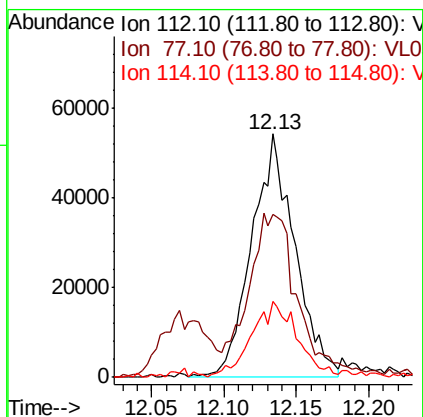
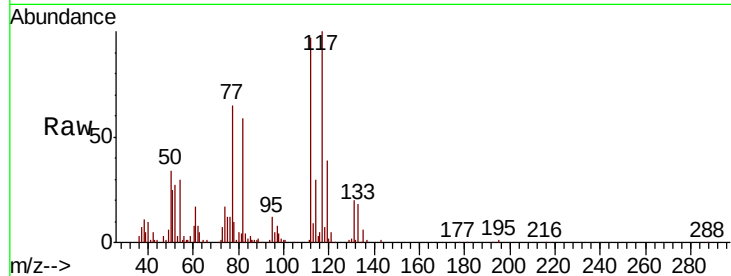


#57
Chlorobenzene
Concen: 0.466 ppbv
RT: 12.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:1
Ion Rati
112 100
77 60.
114 31.

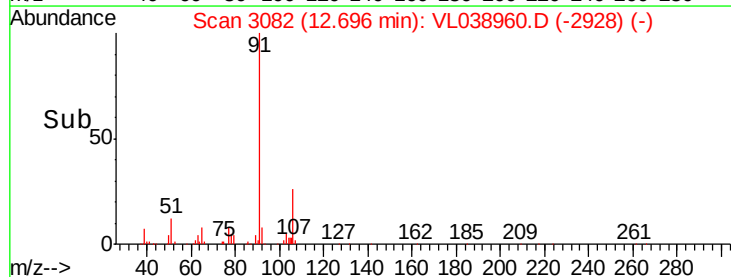
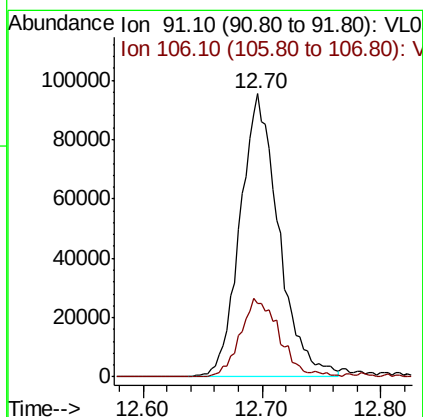
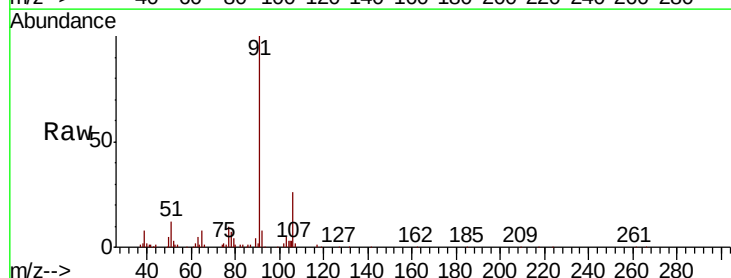
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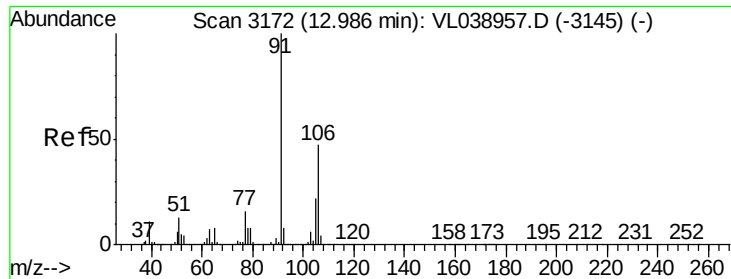
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#58
Ethyl Benzene
Concen: 0.523 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 214489
Ion Ratio Lower Upper
91 100
106 26.0 24.2 36.4



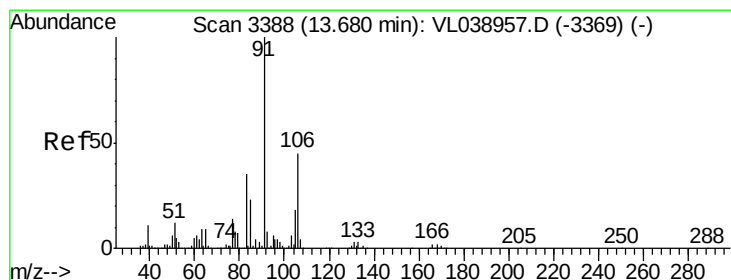
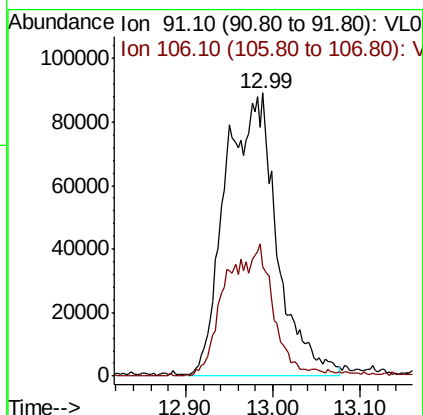
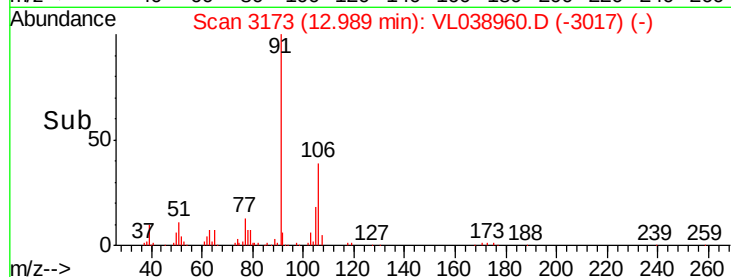
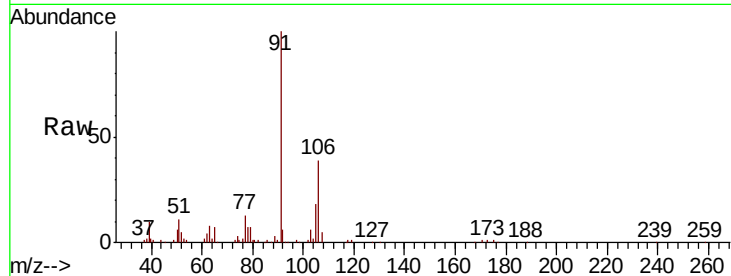


#59
m/p-Xylene
Concen: 1.016 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 4:39

Tot Ion:
Ion Ratio
91 100
106 0.

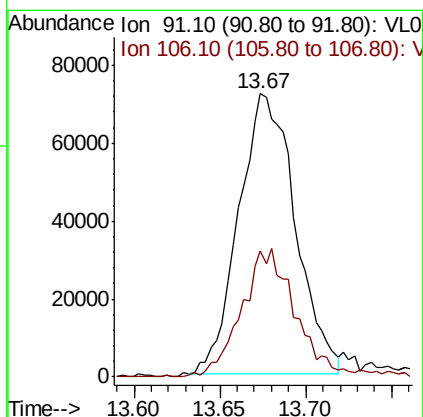
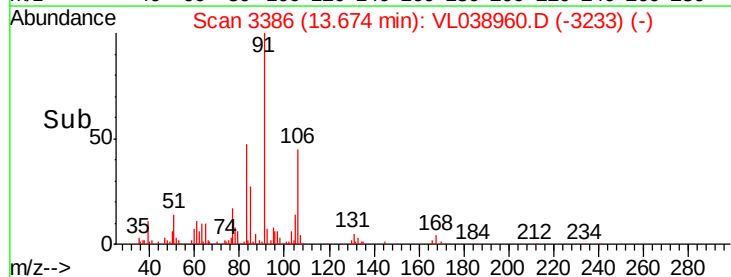
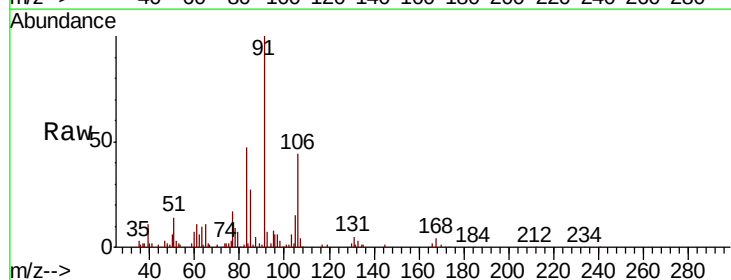
Manual Integrations
APPROVED

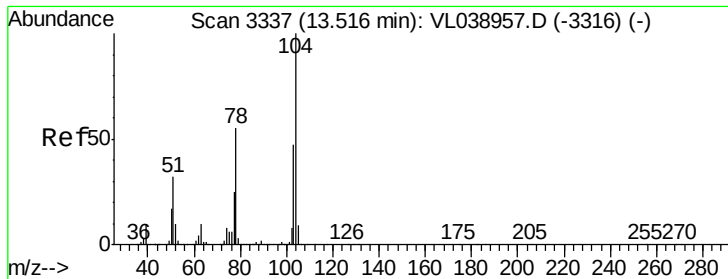
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#60
o-Xylene
Concen: 0.474 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 164057
Ion Ratio Lower Upper
91 100
106 45.3 22.2 66.6



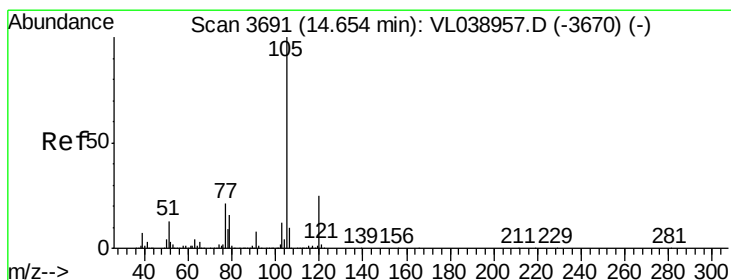
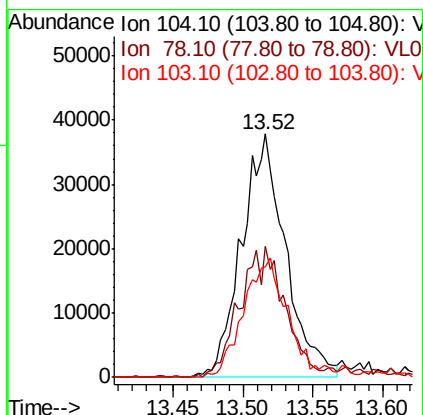
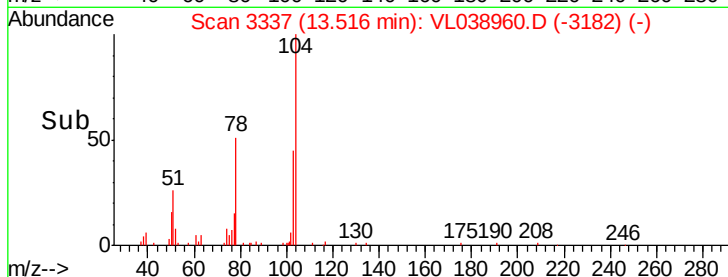
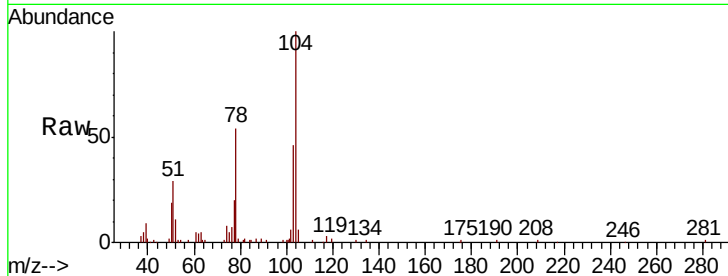


#61
Stvrene
Concen: 0.482 ppbv m
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampled:
VSTDIC0.5
Acq: 5 May 2022 4:39

Tot Ion:1
Ion Rati
104 100
78 57.
103 52.

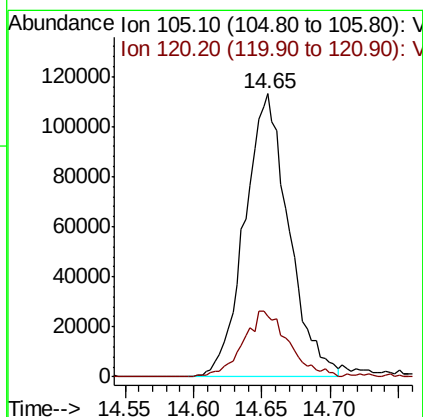
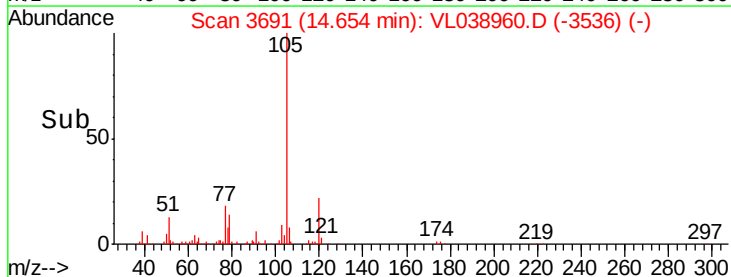
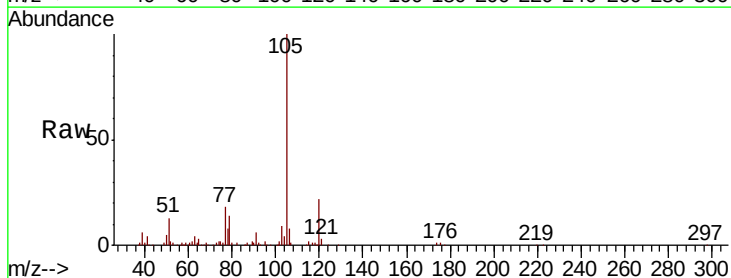
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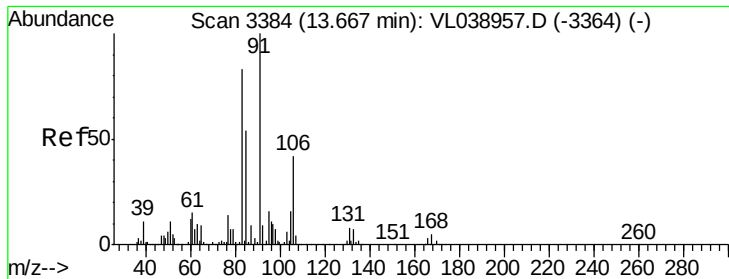
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#62
Isopropylbenzene
Concen: 0.536 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.00 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:105 Resp: 252932
Ion Ratio Lower Upper
105 100
120 24.9 20.5 30.7



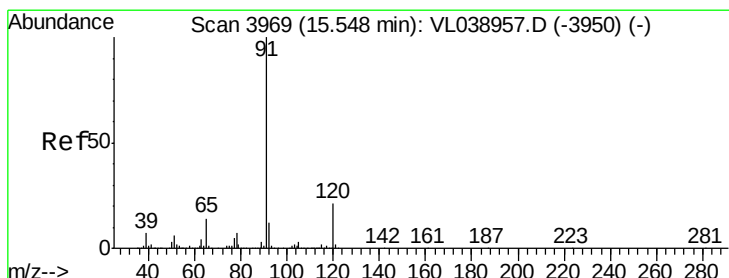
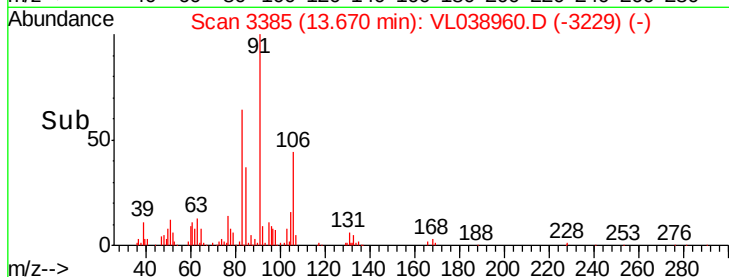
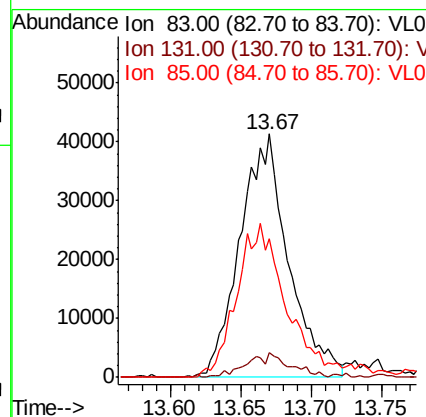
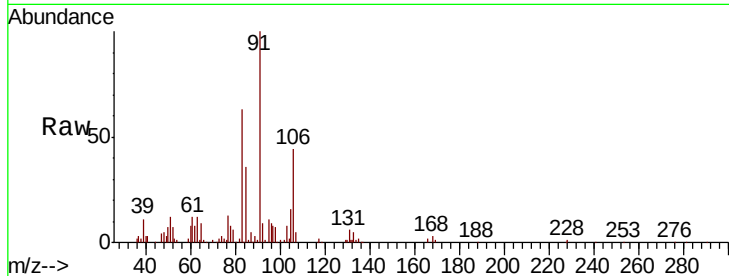


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.382 ppbv
 RT: 13.67
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 68.

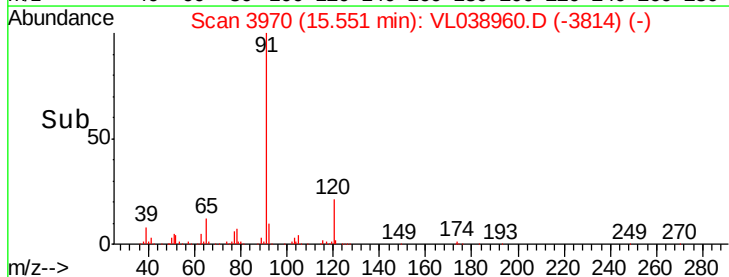
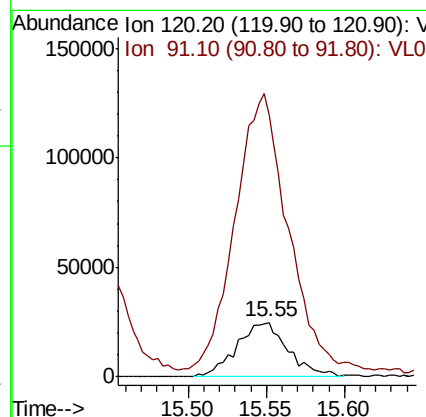
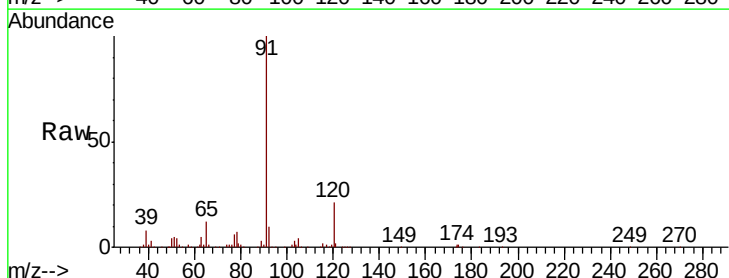
Manual Integrations
 APPROVED

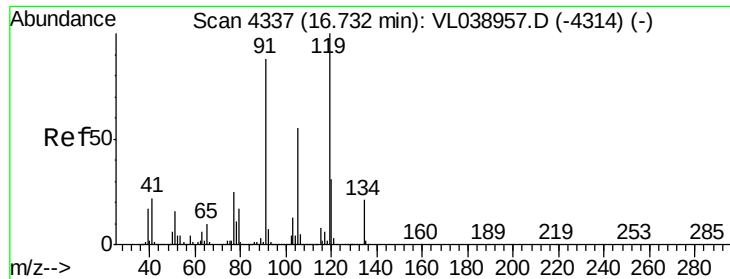
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#64
 n-propylbenzene
 Concen: 0.495 ppbv m
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:120 Resp: 56978
 Ion Ratio Lower Upper
 120 100
 91 560.8 400.6 601.0





#65

tert-Butylbenzene

Concen: 0.559 ppbv m

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39

Tot Ion:1

Ion Rati

119 100

91 0.

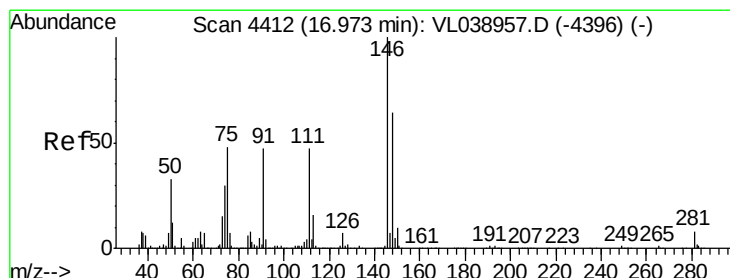
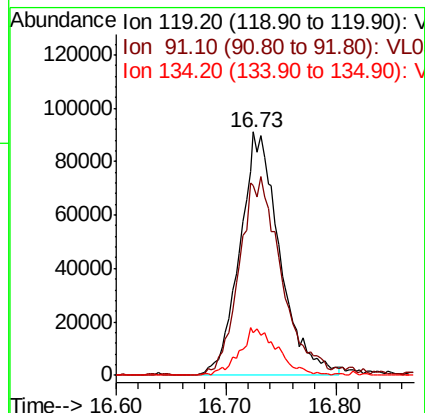
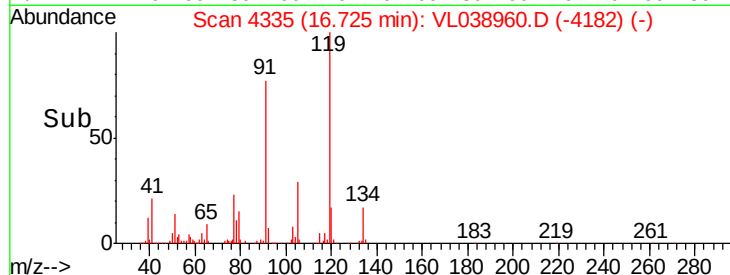
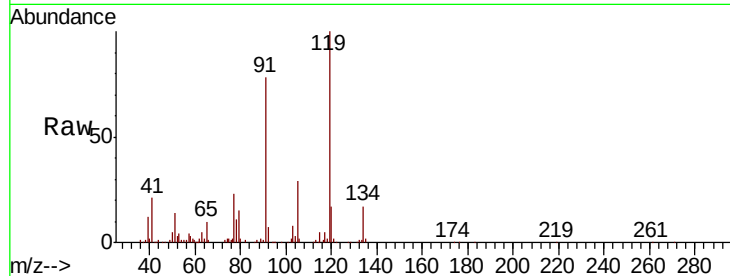
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#66

Benzyl Chloride

Concen: 0.376 ppbv m

RT: 16.98 min Scan# 4415

Delta R.T. 0.01 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

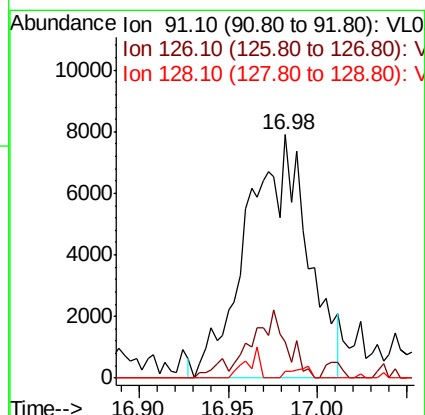
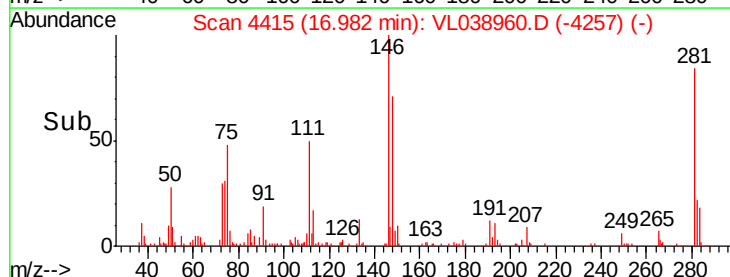
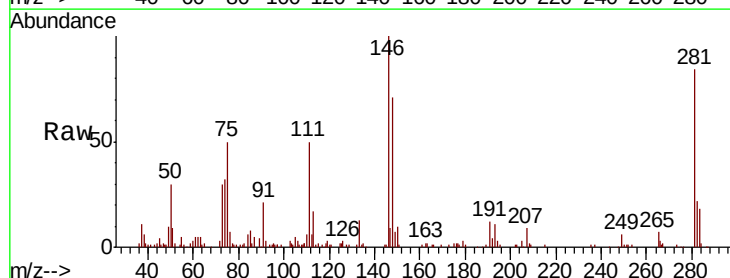
Tgt Ion: 91 Resp: 18858

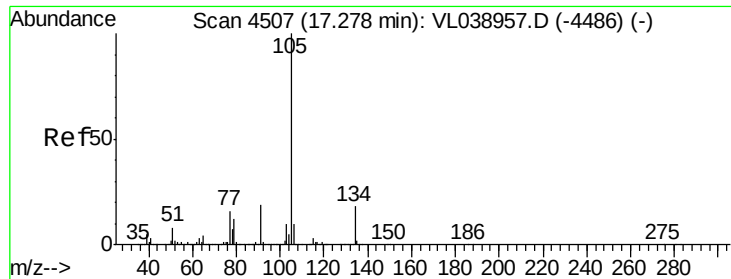
Ion Ratio Lower Upper

91 100

126 0.0 11.8 17.6#

128 2.6 4.2 6.2#



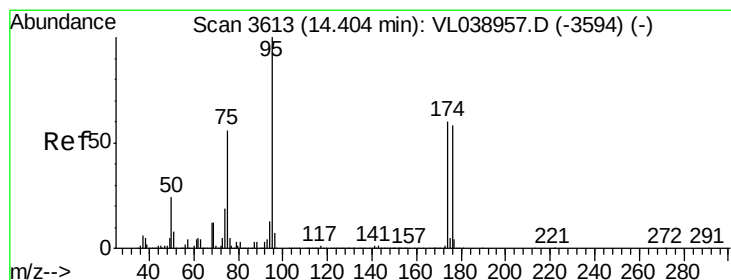
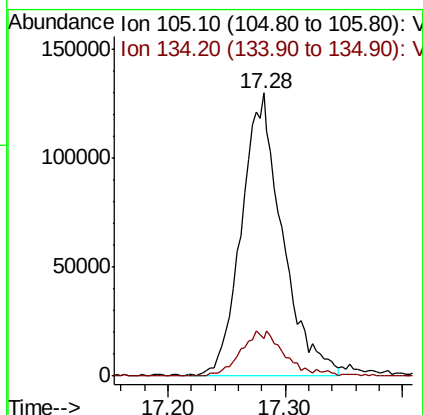
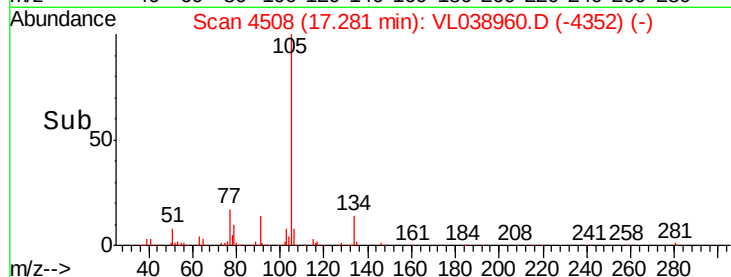
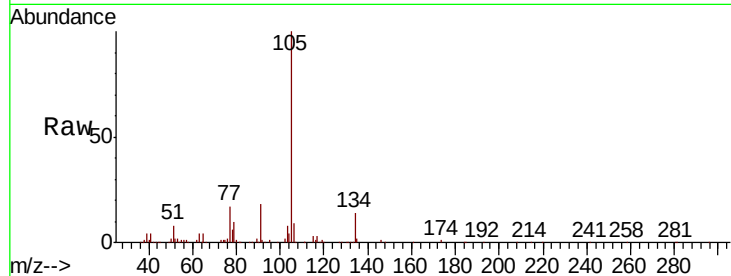


#67
 sec-Butylbenzene
 Concen: 0.545 ppbv m
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:1
 Ion Rati
 105 100
 134 17.

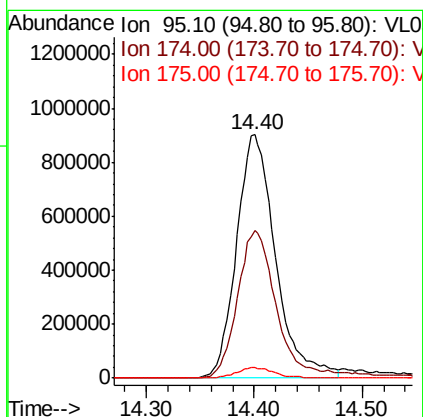
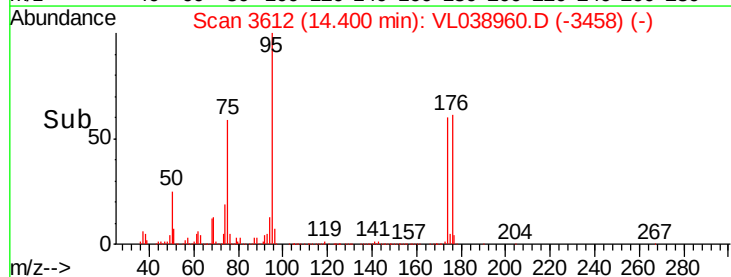
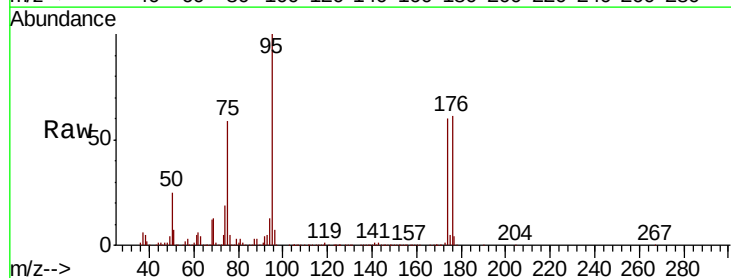
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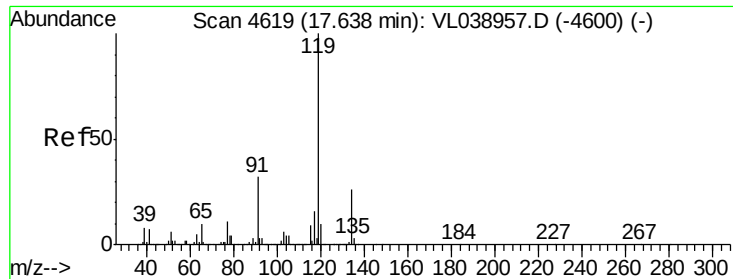
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.095 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 95 Resp: 2277705
 Ion Ratio Lower Upper
 95 100
 174 63.2 50.8 76.2
 175 4.4 3.8 5.6



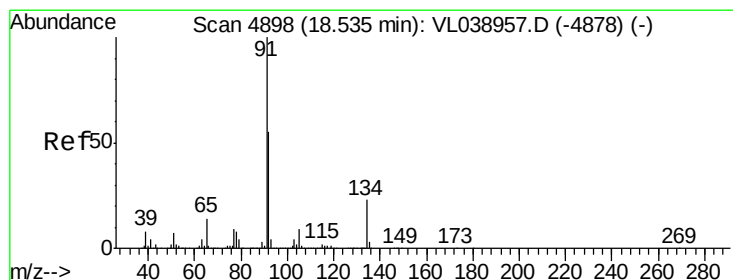
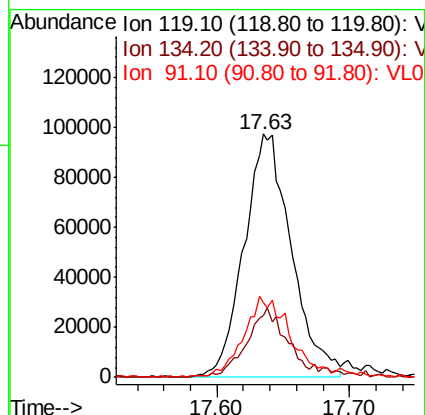
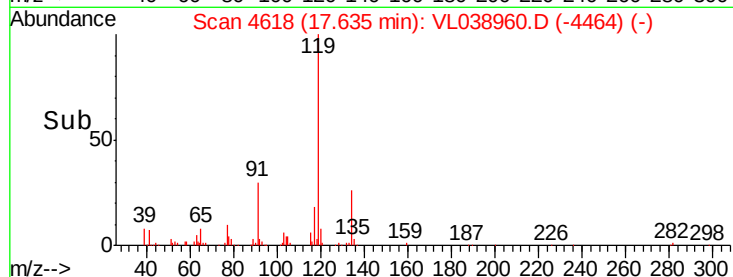
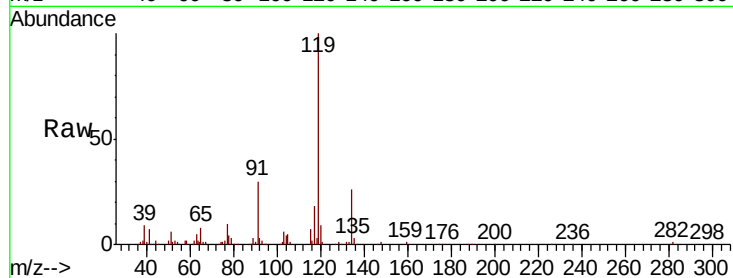


#69
 p-Isopropyltoluene
 Concen: 0.532 ppbv
 RT: 17.63 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 5 May 2022 4:39

Manual Integrations
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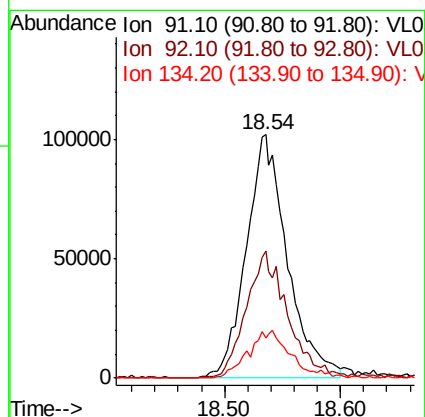
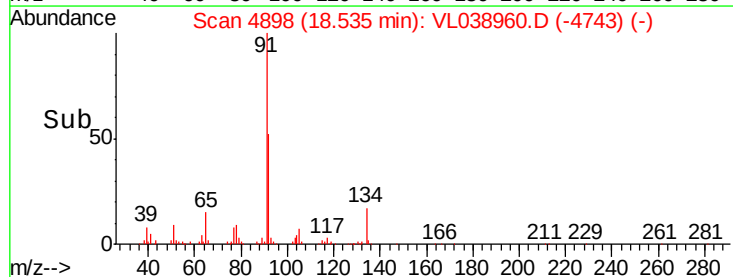
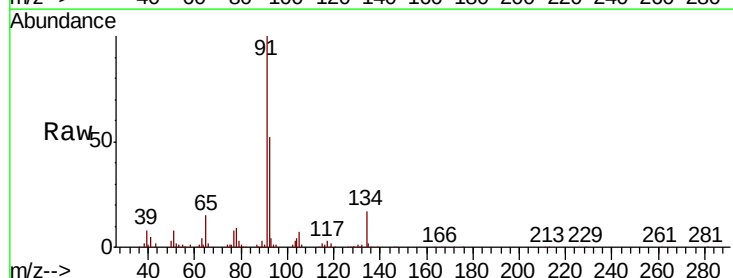
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

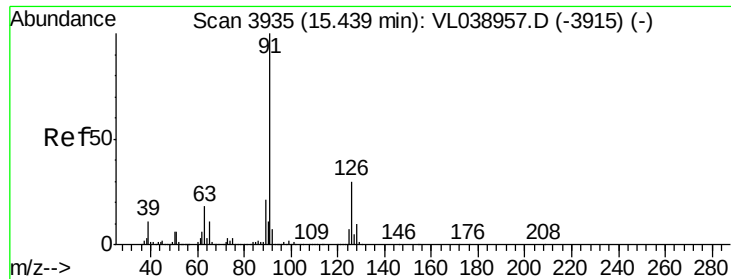
Tot Ion:1
 Ion Rati
 119 100
 134 26.
 91 34.



#70
 n-Butylbenzene
 Concen: 0.525 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion: 91 Resp: 249990
 Ion Ratio Lower Upper
 91 100
 92 54.0 43.1 64.7
 134 20.7 17.0 25.4



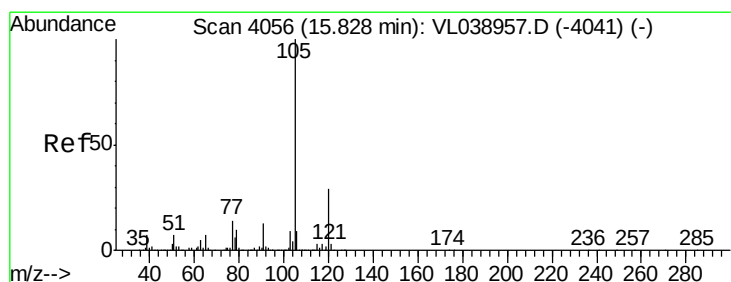
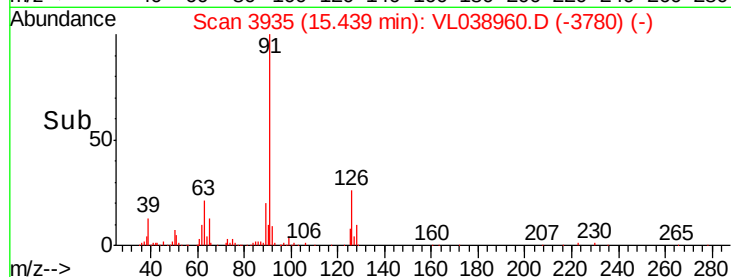
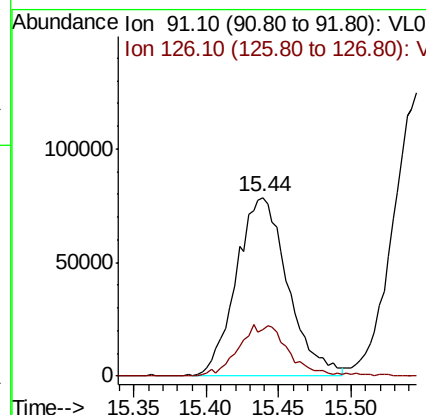
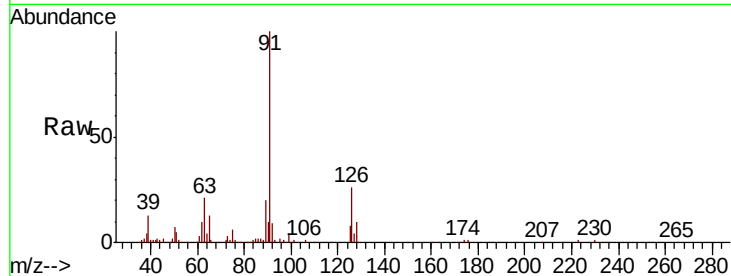


#71
 2-Chlorotoluene
 Concen: 0.543 ppbv
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:
 Ion Ratio
 91 100
 126 28.

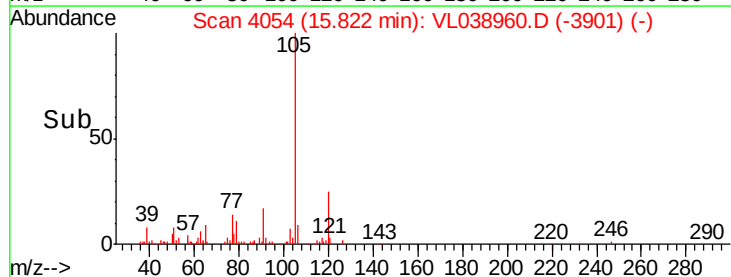
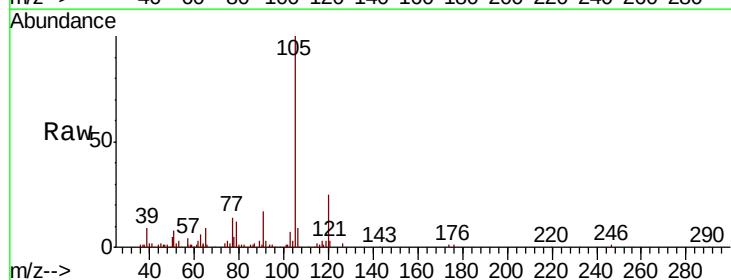
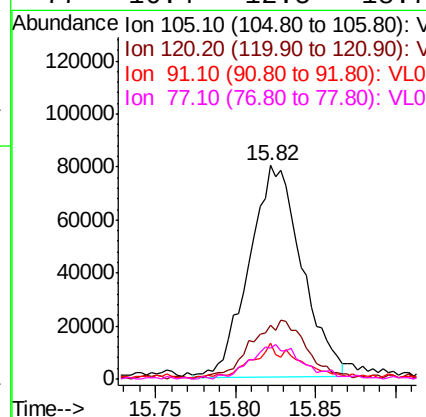
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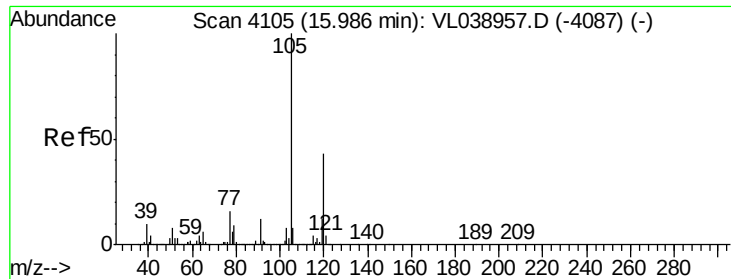
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#72
 4-Ethyltoluene
 Concen: 0.476 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.01 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:105 Resp: 181206
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.4 35.0
 91 15.4 10.6 16.0
 77 16.4 12.5 18.7





#73

1,3,5-Trimethylbenzene

Concen: 0.439 ppbv

RT: 15.98 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39

Tot Ion:1

Ion Ratio

105 100

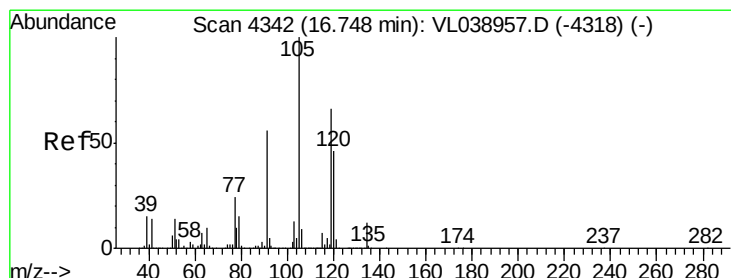
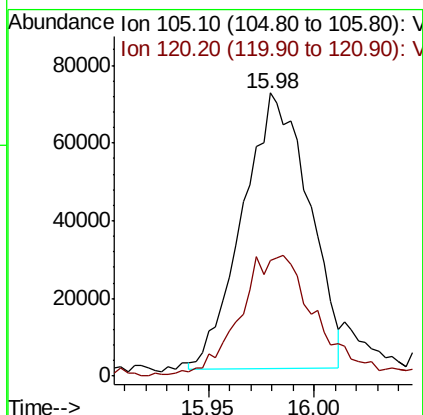
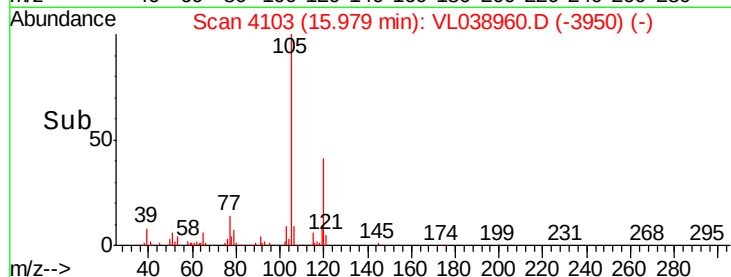
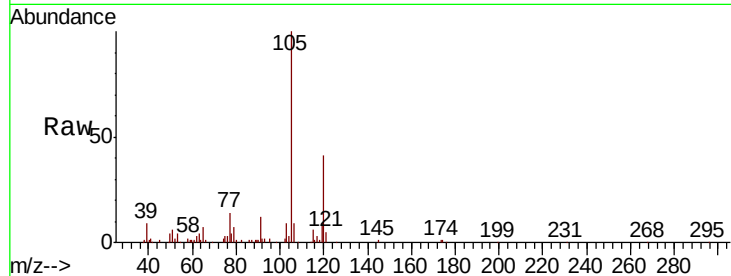
120 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.492 ppbv m

RT: 16.75 min Scan# 4342

Delta R.T. -0.00 min

Lab File: VL038960.D

Acq: 5 May 2022 4:39

Tgt Ion:105 Resp: 188445

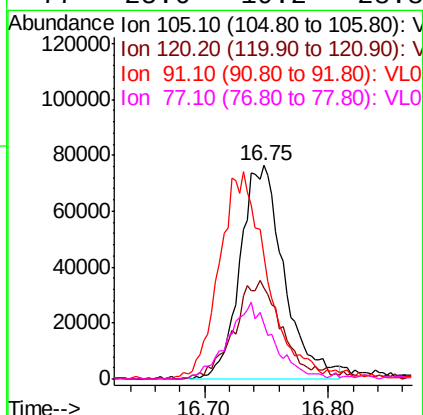
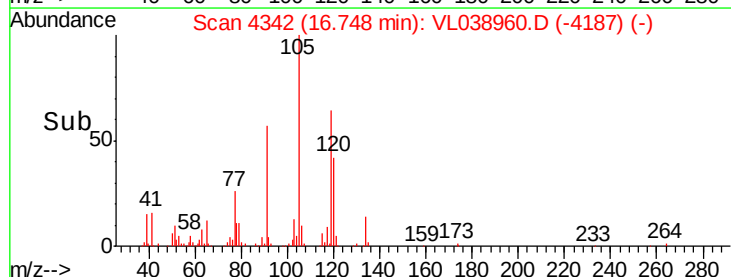
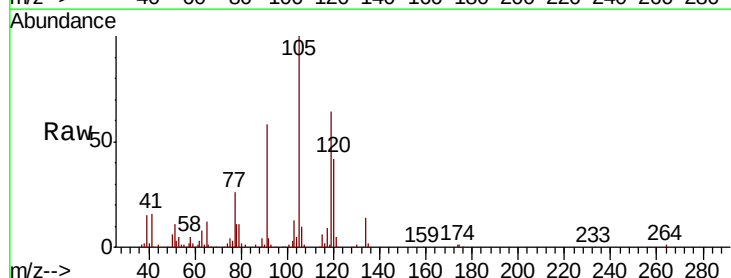
Ion Ratio Lower Upper

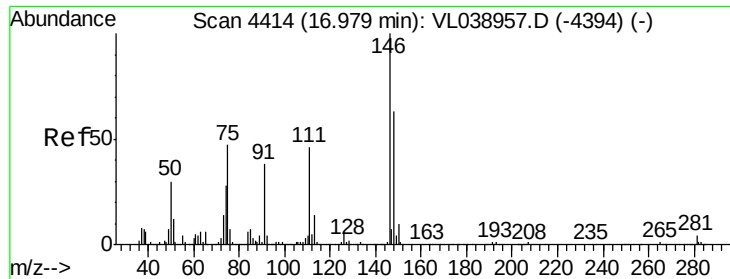
105 100

120 42.4 36.9 55.3

91 57.7 45.0 67.4

77 25.6 19.2 28.8



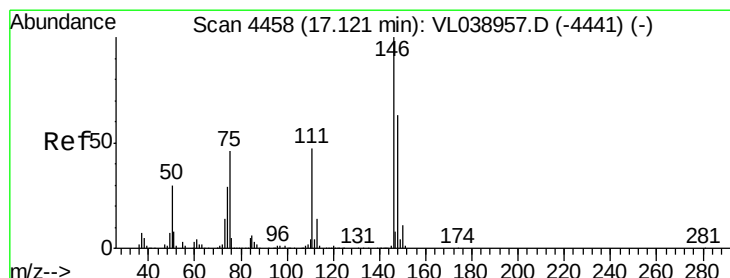
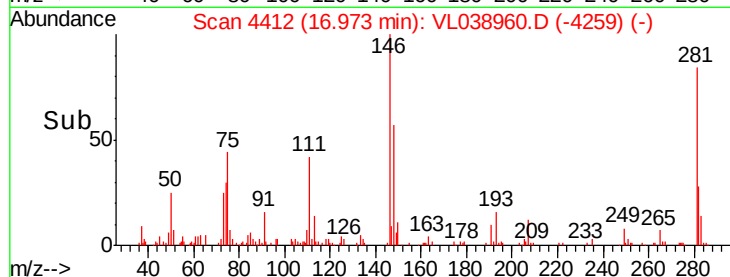
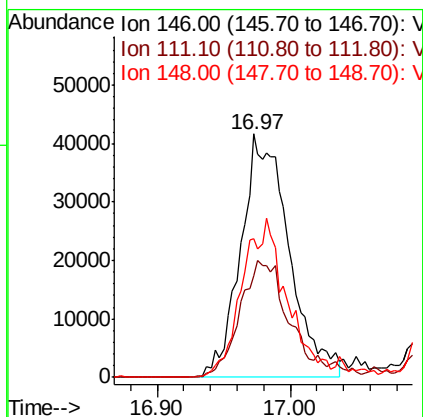
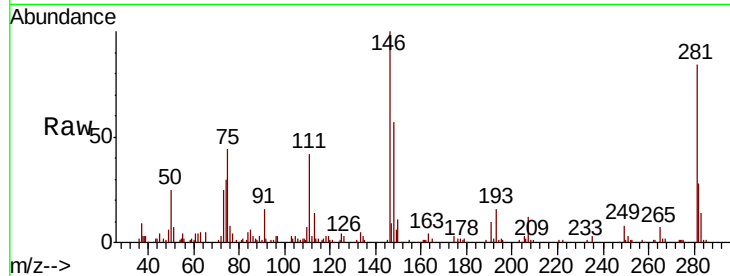


#75
 1,3-Dichlorobenzene
 Concen: 0.490 ppbv m
 RT: 16.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 0.

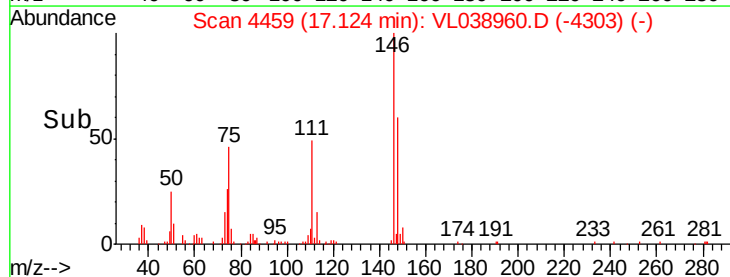
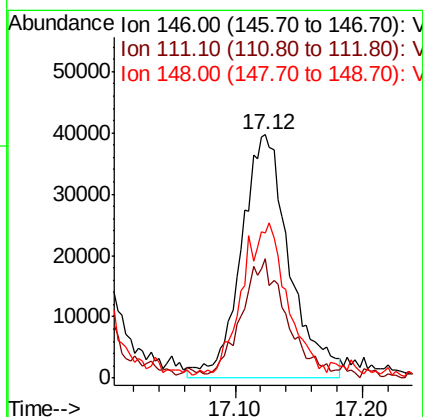
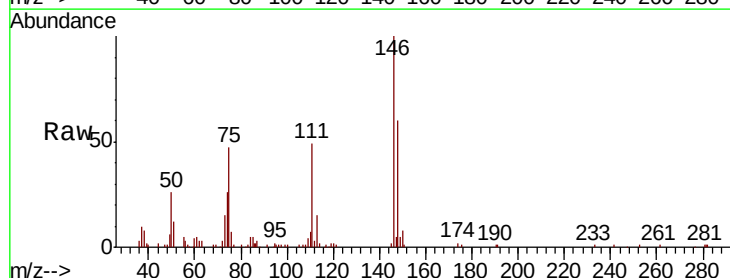
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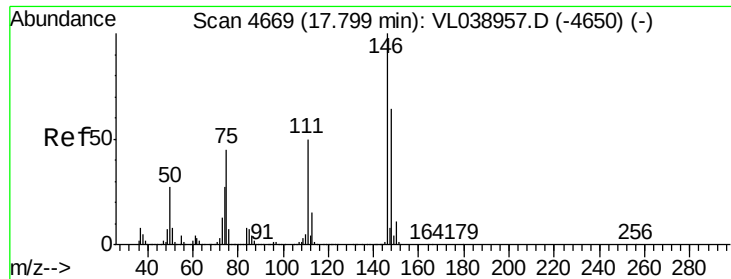
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#76
 1,4-Dichlorobenzene
 Concen: 0.490 ppbv m
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:146 Resp: 104628
 Ion Ratio Lower Upper
 146 100
 111 50.5 23.6 71.0
 148 63.7 32.2 96.6



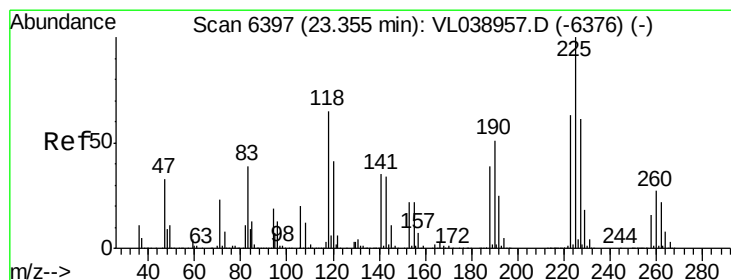
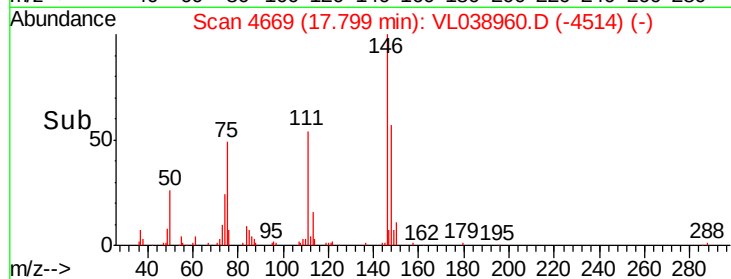
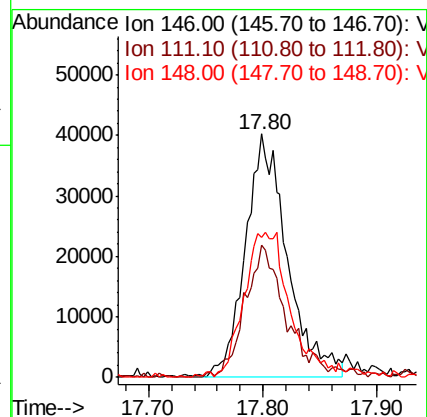
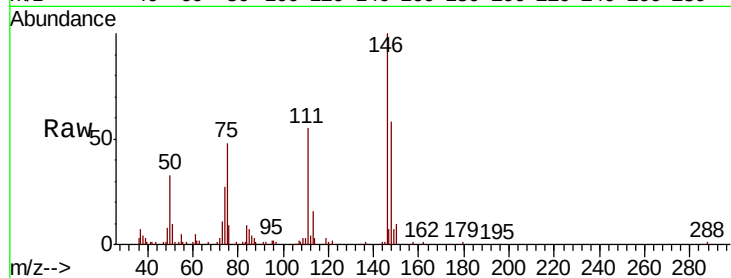


#77
 1,2-Dichlorobenzene
 Concen: 0.506 ppbv m
 RT: 17.80
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 5 May 2022 4:39

Tot Ion:1
 Ion Rati
 146 100
 111 54.
 148 68.

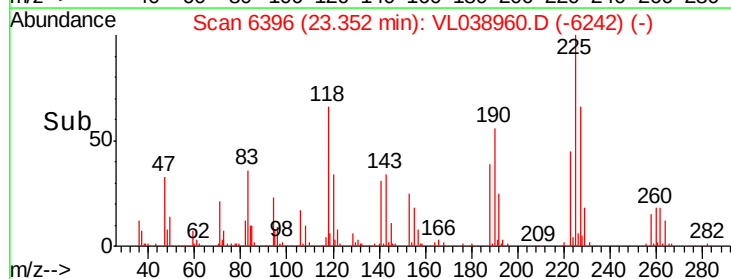
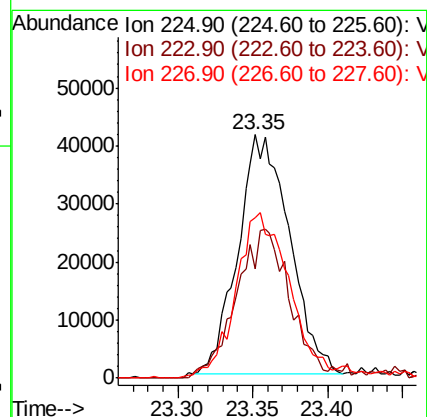
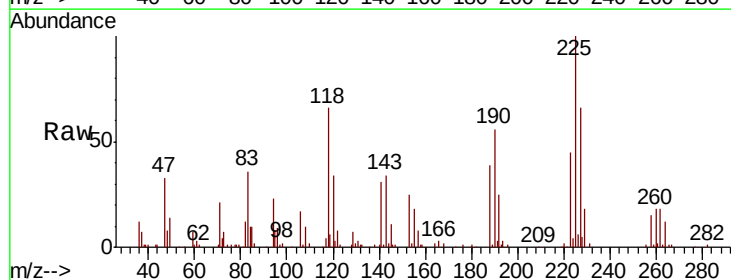
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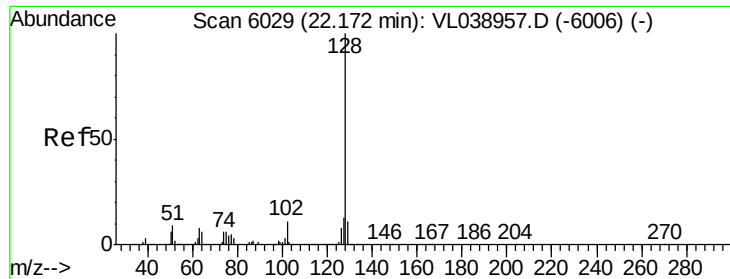
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.544 ppbv
 RT: 23.35 min Scan# 6396
 Delta R.T. -0.00 min
 Lab File: VL038960.D
 Acq: 5 May 2022 4:39

Tgt Ion:225 Resp: 99350
 Ion Ratio Lower Upper
 225 100
 223 65.4 51.4 77.0
 227 74.2 51.4 77.0



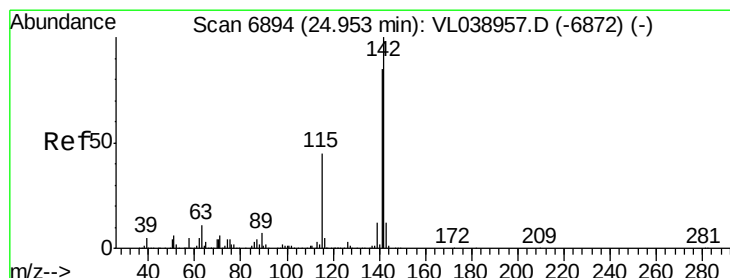
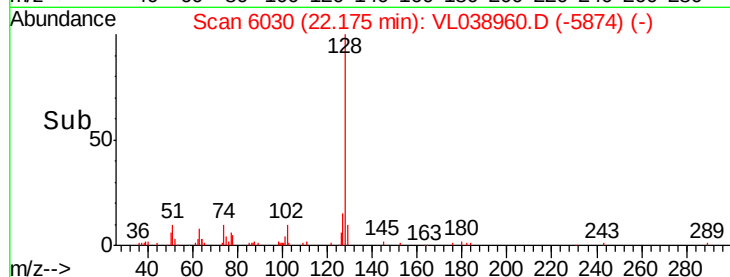
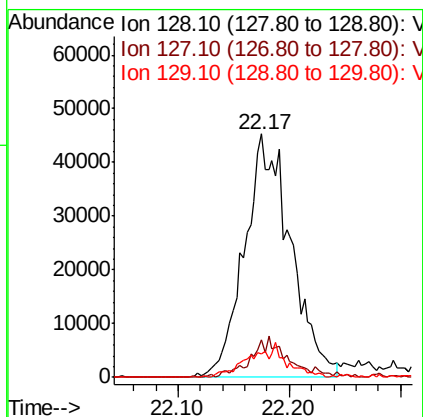
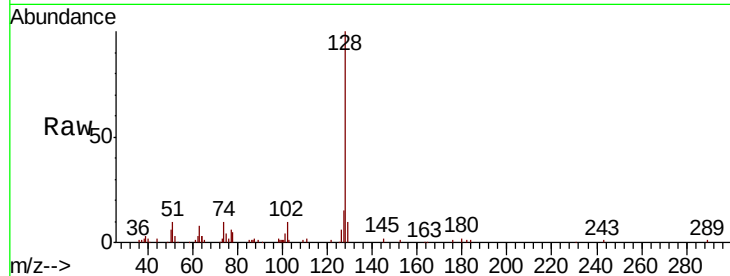


#79
Naphthalene
Concen: 0.551 ppbv m
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC0.5
Acq: 5 May 2022 4:39

Tot Ion:1
Ion Rati
128 100
127 15.
129 9.

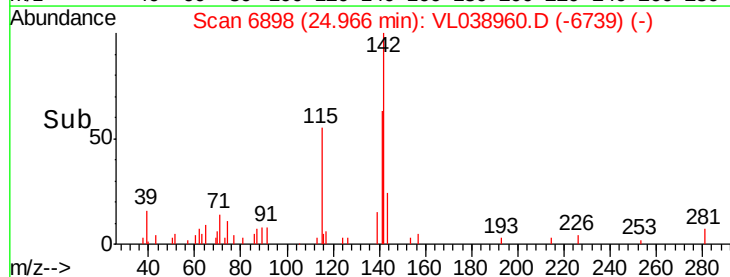
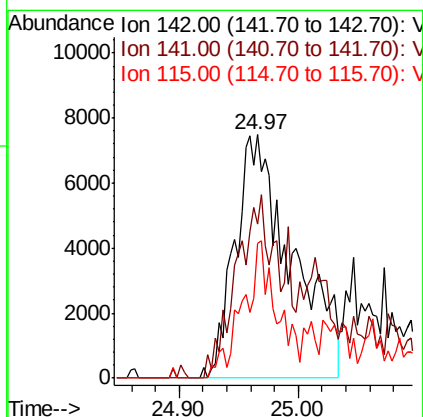
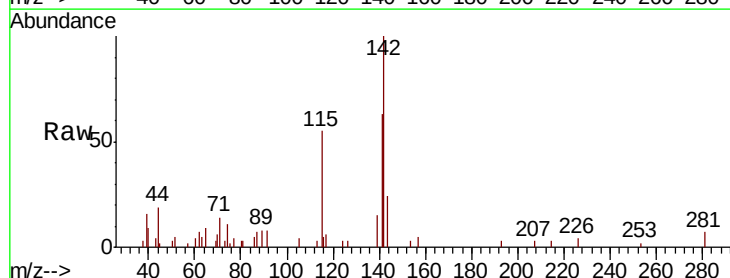
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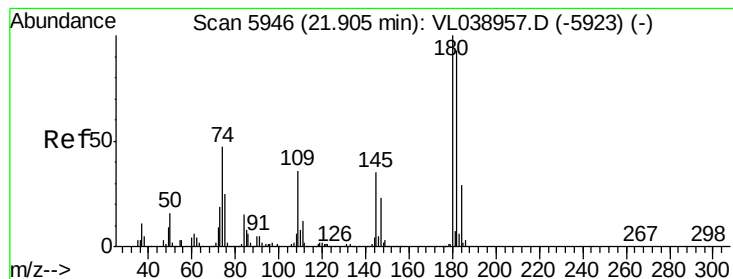
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#80
Naphthalene, 2-methyl-
Concen: 0.482 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038960.D
Acq: 5 May 2022 4:39

Tgt Ion:142 Resp: 24818
Ion Ratio Lower Upper
142 100
141 56.1 70.8 106.2#
115 47.8 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 0.562 ppbv m

RT: 21.90 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 4:39 VSTDIC0.5

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022

