

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL038988.D
 Acq On : 9 May 2022 14:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: May 10 05:53:29 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

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

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1103319	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2527596	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2502564	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2014900	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	1571116	9.088	ppbv	97
3) Chlorodifluoromethane	2.98	51	1368951	9.999	ppbv	98
4) Chloromethane	3.13	50	663718	9.681	ppbv	97
5) Vinyl Chloride	3.25	62	655490	10.470	ppbv	97
6) Bromomethane	3.47	94	334721	11.317	ppbv	97
7) Chloroethane	3.55	64	233501	11.143	ppbv	99
8) Dichlorotetrafluoroethane	3.18	85	1668970	10.652	ppbv	98
9) Propene	3.01	41	544867	9.113	ppbv	96
10) Heptane	8.10	43	1405726	9.584	ppbv	100
11) Trichlorofluoromethane	3.94	101	1653257	11.146	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	1173352	11.484	ppbv	99
13) Ethanol	3.60	45	36541m	8.636	ppbv	
14) Bromoethene	3.73	108	487313	11.566	ppbv	96
15) Acetone	3.84	43	1145739	11.009	ppbv	99
16) 1,3-Butadiene	3.32	39	631233	10.557	ppbv	99
17) tert-Butyl alcohol	4.27	59	921687	11.522	ppbv	99
18) 1,1-Dichloroethene	4.28	96	511866	11.640	ppbv	97
19) Isopropyl Alcohol	3.95	45	553815	11.192	ppbv #	96
20) Methylene Chloride	4.33	84	432361	11.022	ppbv	95
21) Allyl Chloride	4.40	41	808481	11.400	ppbv	97
22) trans-1,2-Dichloroethene	4.87	96	545555	11.485	ppbv	96
23) Vinyl Acetate	5.06	43	985437	11.967	ppbv #	97
24) 1,1-Dichloroethane	5.00	63	1079185	11.381	ppbv	99
25) Ethyl Acetate	5.66	43	2557278	10.266	ppbv	99
26) Hexane	5.67	57	1083242	9.787	ppbv	99
27) Carbon Disulfide	4.54	76	1322742	12.581	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	941334	11.178	ppbv	99
29) Chloroform	5.74	83	1866217	10.422	ppbv	100
30) Cyclohexane	7.11	84	859591	9.276	ppbv	98
31) cis-1,2-Dichloroethene	5.53	61	1160757	10.294	ppbv	99
32) 1,1,1-Trichloroethane	6.49	97	1908779	10.661	ppbv	99
34) 2-Butanone	5.23	43	1275404	9.891	ppbv	100
35) Carbon Tetrachloride	7.00	117	1992981	11.967	ppbv	98
36) Benzene	6.87	78	2133099	9.861	ppbv	96
37) 1,2-Dichloroethane	6.29	62	1587126	11.859	ppbv	97
38) Trichloroethene	7.82	130	951020	9.890	ppbv	96
39) 1,2-Dichloropropane	7.59	63	855108	10.160	ppbv #	88
40) 1,4-Dioxane	7.81	88	289500	9.577	ppbv	82
41) Tetrahydrofuran	6.03	42	893301	10.307	ppbv	98
42) Bromodichloromethane	7.77	83	2093910	11.444	ppbv	97
43) Methyl Methacrylate	7.99	69	919678	10.473	ppbv	97

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:53:29 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

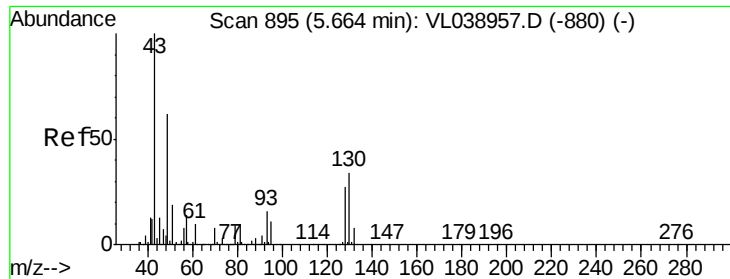
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3740459	9.855	ppbv	98
45) t-1,3-Dichloropropene	9.26	75	1101563	12.959	ppbv	98
46) cis-1,3-Dichloropropene	8.68	75	1337814	11.868	ppbv	96
47) 1,1,2-Trichloroethane	9.46	97	887335	10.137	ppbv	98
48) Dibromochloromethane	10.28	129	1662321	11.667	ppbv	100
49) Bromoform	13.01	173	1319802	12.146	ppbv	100
50) 4-Methyl-2-Pentanone	8.72	43	2425010	10.724	ppbv	99
51) 2-Hexanone	10.10	43	1928513	11.686	ppbv #	98
52) Tetrachloroethene	11.20	164	753266	9.745	ppbv	96
53) Toluene	9.78	91	2499288	10.309	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1280985	10.749	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	1121399	10.213	ppbv	98
57) Chlorobenzene	12.12	112	1803917	9.616	ppbv	99
58) Ethyl Benzene	12.68	91	3441562	9.556	ppbv	98
59) m/p-Xylene	12.97	91	6078863m	19.771	ppbv	
60) o-Xylene	13.67	91	2887095	9.977	ppbv	98
61) Styrene	13.50	104	1603470	10.379	ppbv	98
62) Isopropylbenzene	14.64	105	4098103	9.684	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.65	83	1621152	9.514	ppbv	98
64) n-propylbenzene	15.54	120	1017975	9.950	ppbv	94
65) tert-Butylbenzene	16.72	119	3651499	9.848	ppbv	98
66) Benzyl Chloride	16.96	91	662869	13.677	ppbv	99
67) sec-Butylbenzene	17.27	105	5219621	9.853	ppbv	99
69) p-Isopropyltoluene	17.63	119	4308510	10.068	ppbv	98
70) n-Butylbenzene	18.52	91	4677093	10.287	ppbv	99
71) 2-Chlorotoluene	15.43	91	3209079	9.837	ppbv	99
72) 4-Ethyltoluene	15.81	105	3415175	10.357	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	3033681	10.219	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	3316755	10.204	ppbv	98
75) 1,3-Dichlorobenzene	16.97	146	1792064	10.062	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1807529	10.317	ppbv	99
77) 1,2-Dichlorobenzene	17.79	146	1782400	10.119	ppbv	99
78) Hexachloro-1,3-Butadiene	23.35	225	1471480	9.090	ppbv	99
79) Naphthalene	22.16	128	3012445	11.409	ppbv	100
80) Naphthalene, 2-methyl-	24.94	142	1057756	13.243	ppbv	98
81) 1,2,4-Trichlorobenzene	21.89	180	1595547	10.313	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId :

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

49 100

128 45.

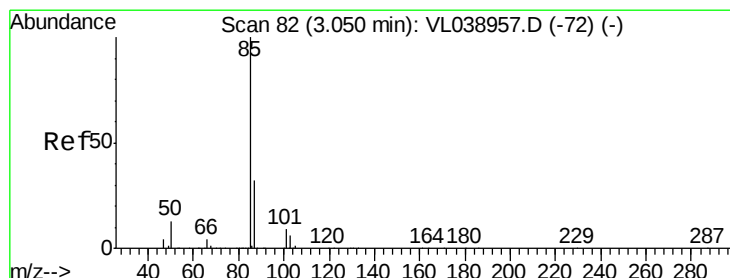
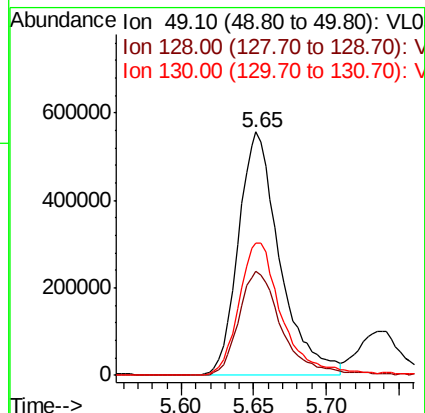
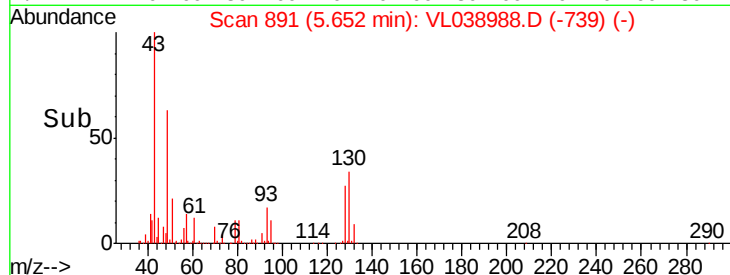
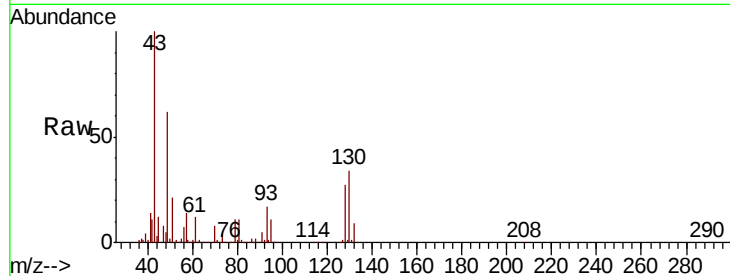
130 58.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#2

Dichlorodifluoromethane

Concen: 9.088 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038988.D

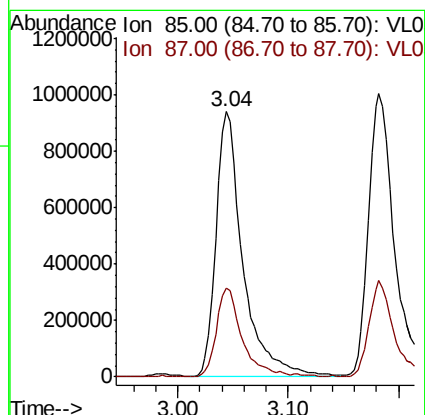
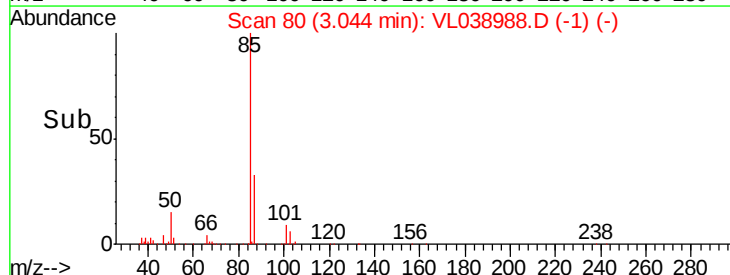
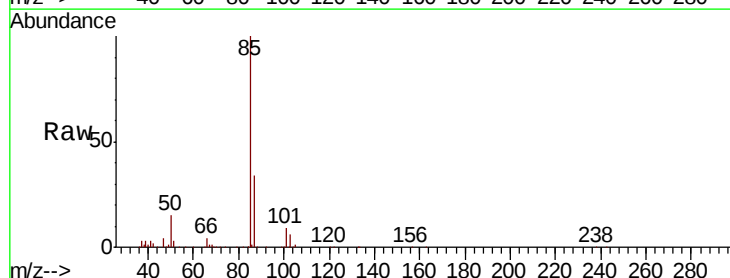
Acq: 9 May 2022 14:17

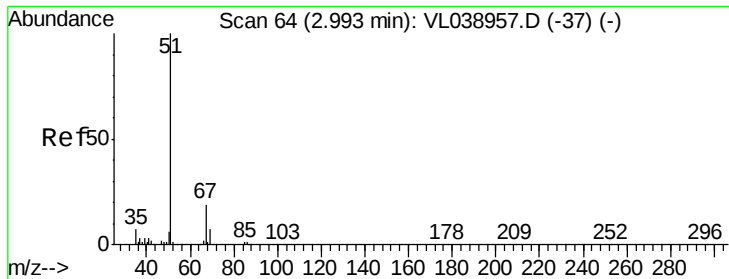
Tgt Ion: 85 Resp: 1571116

Ion Ratio Lower Upper

85 100

87 33.5 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.999 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 14:17 VSTDCCC010

Tot Ion:

Ion Ratio

51 100

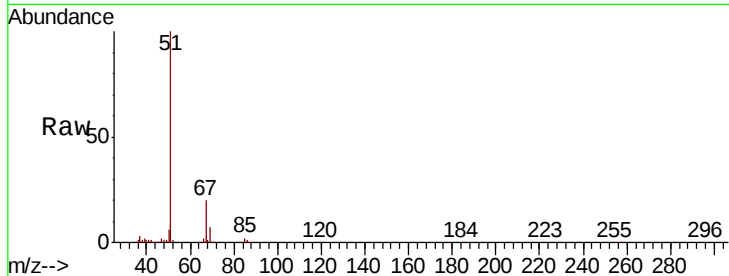
67 20.

Manual Integrations

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Supervised By :Mahesh Dadoda 05/11/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

2.98

800000

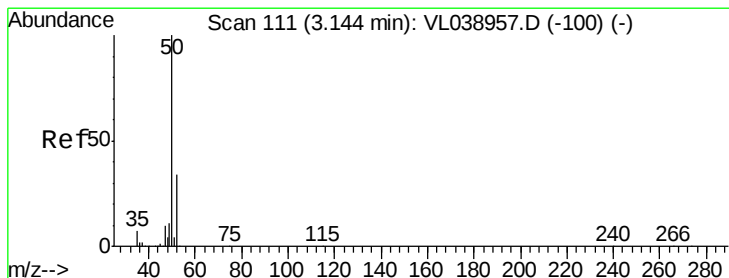
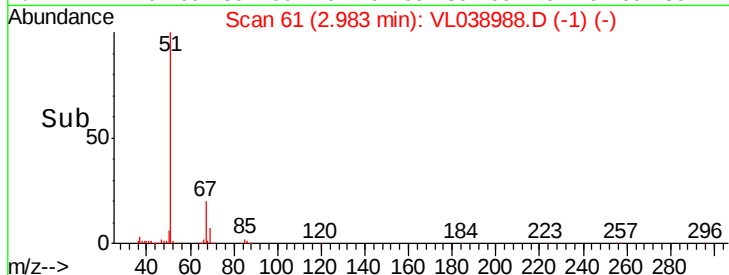
600000

400000

200000

0

Time-->



#4

Chloromethane

Concen: 9.681 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL038988.D

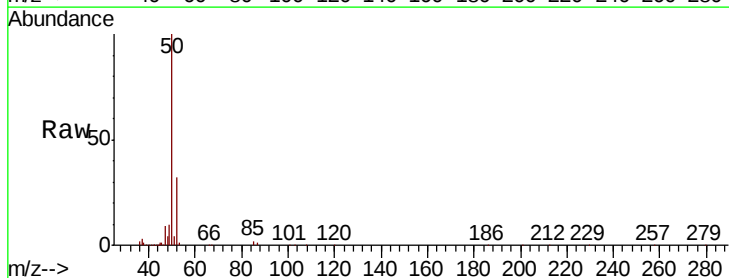
Acq: 9 May 2022 14:17

Tgt Ion: 50 Resp: 663718

Ion Ratio Lower Upper

50 100

52 32.7 27.3 40.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.13

400000

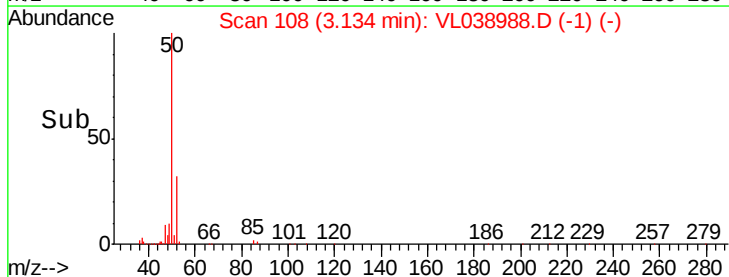
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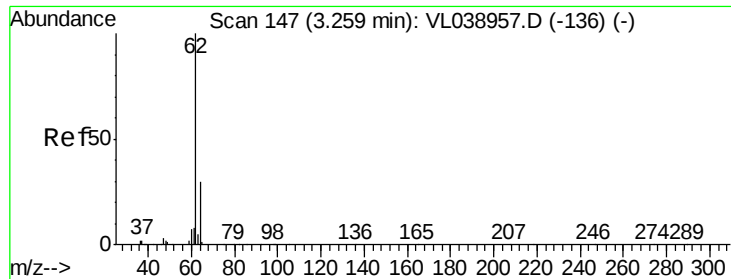
200000

100000

0

Time-->





#5

Vinyl Chloride

Concen: 10.470 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 14:17 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

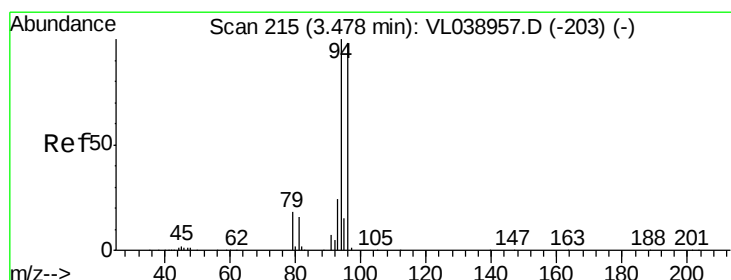
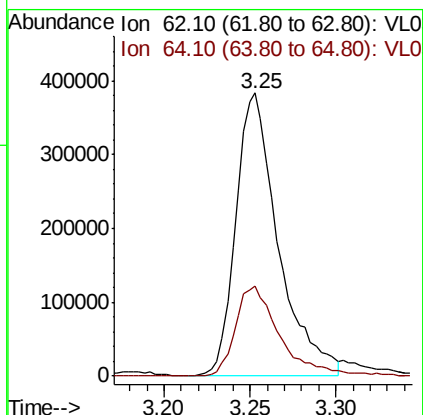
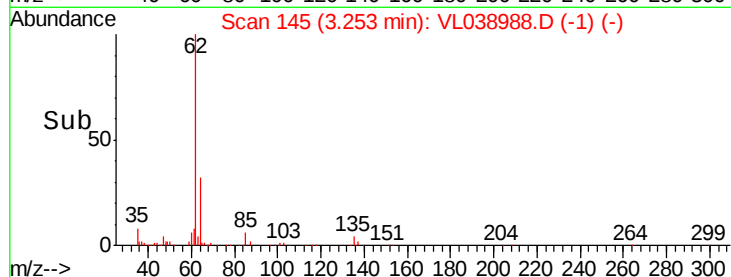
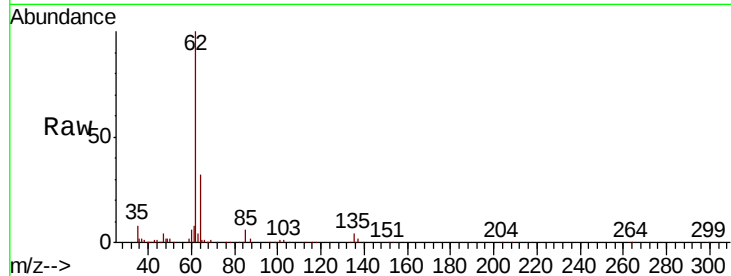
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#6

Bromomethane

Concen: 11.317 ppbv

RT: 3.47 min Scan# 211

Delta R.T. -0.01 min

Lab File: VL038988.D

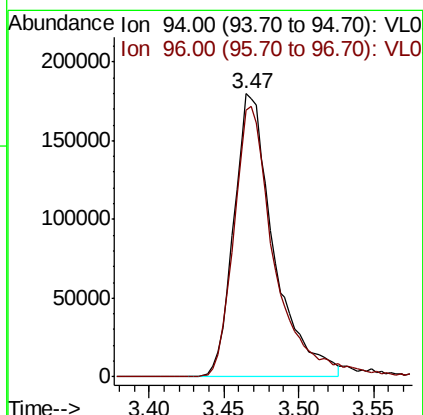
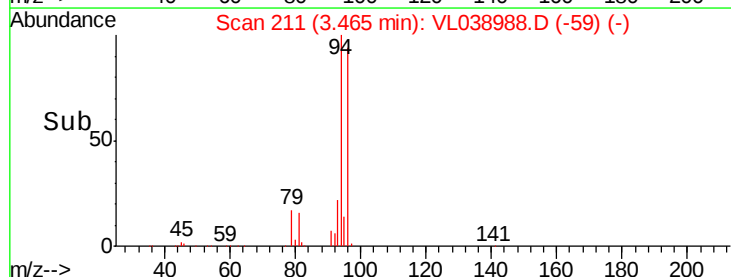
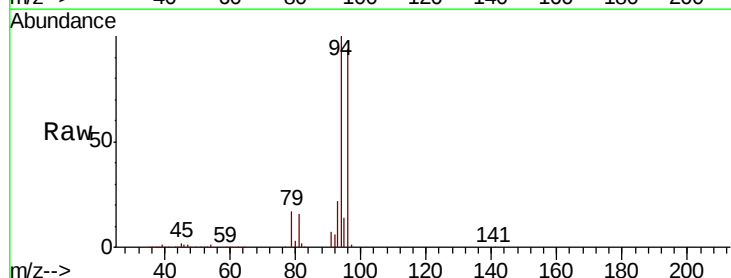
Acq: 9 May 2022 14:17

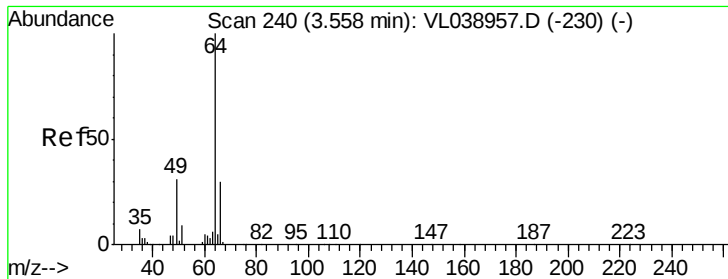
Tgt Ion: 94 Resp: 334721

Ion Ratio Lower Upper

94 100

96 94.2 78.1 117.1





#7

Chloroethane

Concen: 11.143 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T. -0.01 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

64 100

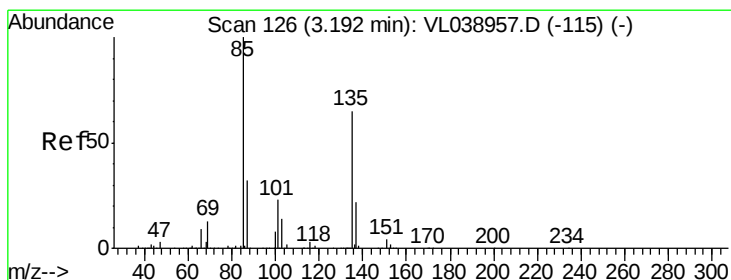
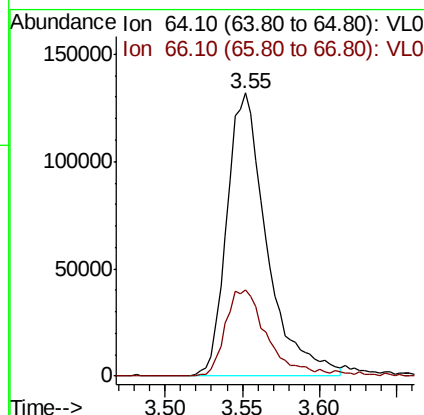
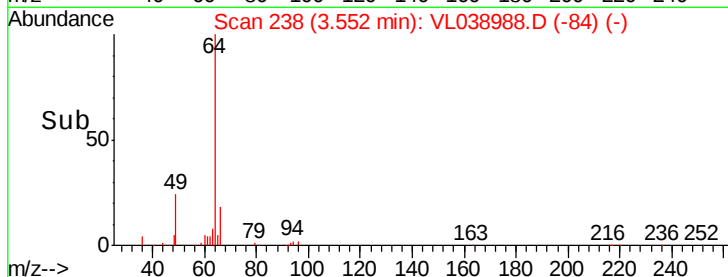
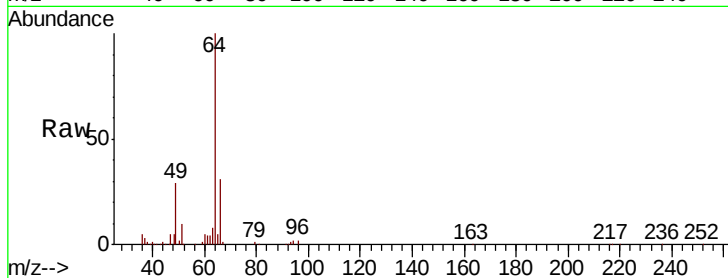
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#8

Dichlorotetrafluoroethane

Concen: 10.652 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL038988.D

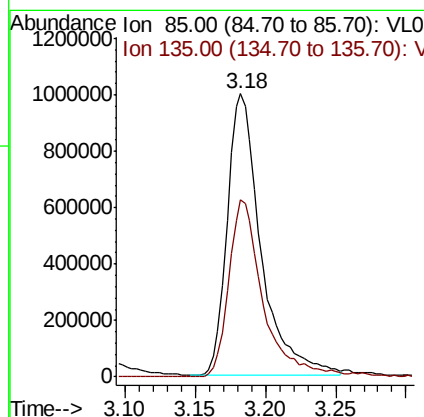
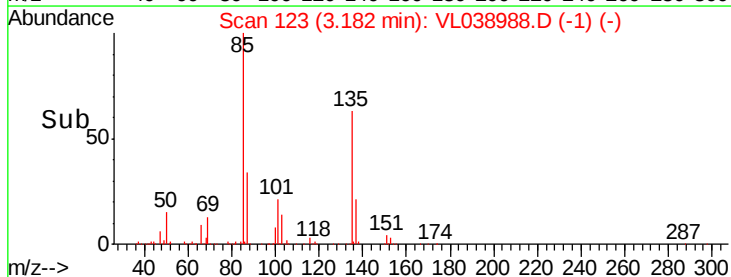
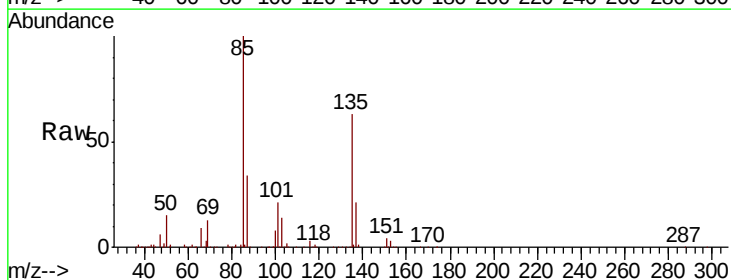
Acq: 9 May 2022 14:17

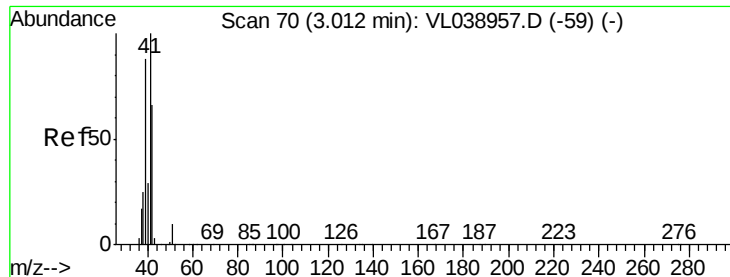
Tgt Ion: 85 Resp: 1668970

Ion Ratio Lower Upper

85 100

135 65.2 53.6 80.4



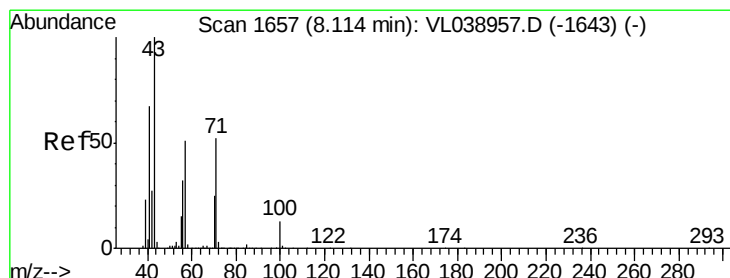
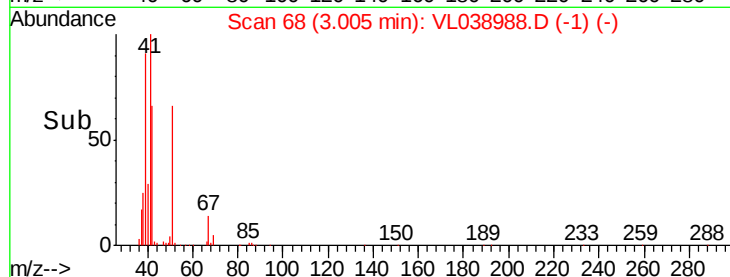
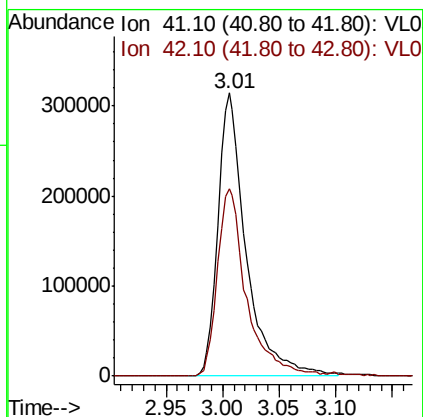
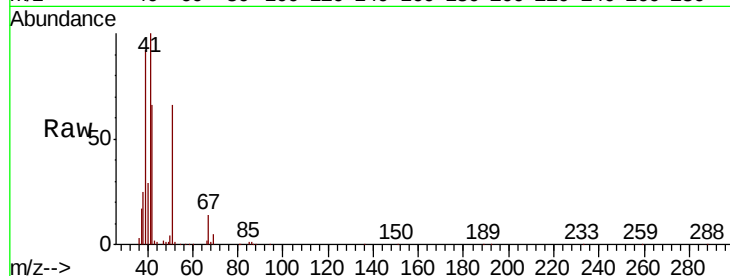


#9
 Propene
 Concen: 9.113 ppbv
 RT: 3.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 41 100
 42 69.

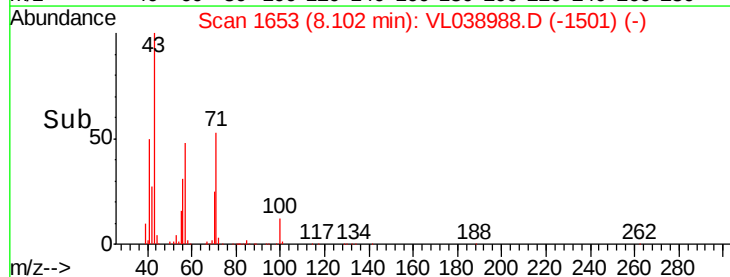
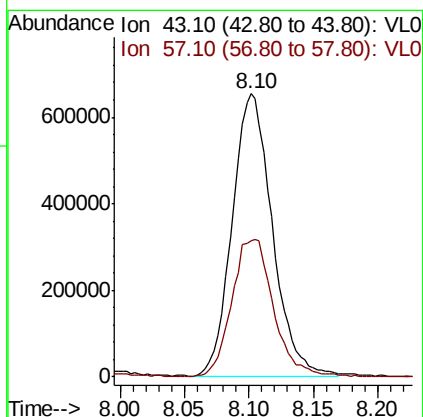
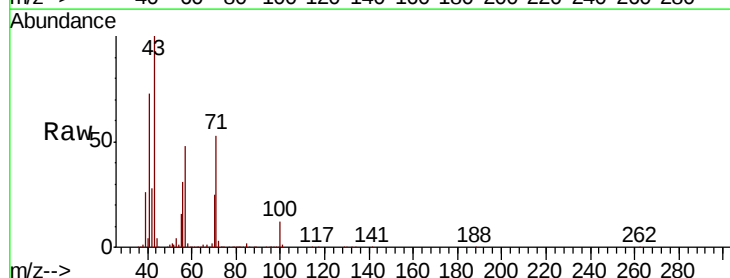
Manual Integrations
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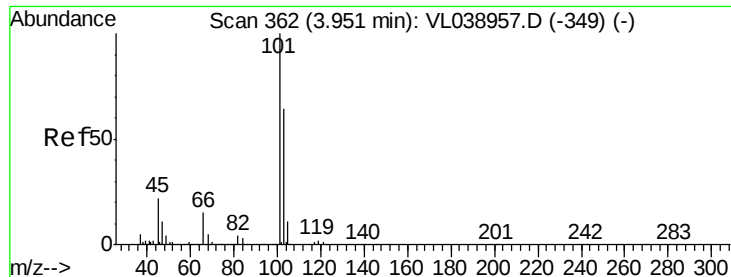
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#10
 Heptane
 Concen: 9.584 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 1405726
 Ion Ratio Lower Upper
 43 100
 57 50.6 40.5 60.7



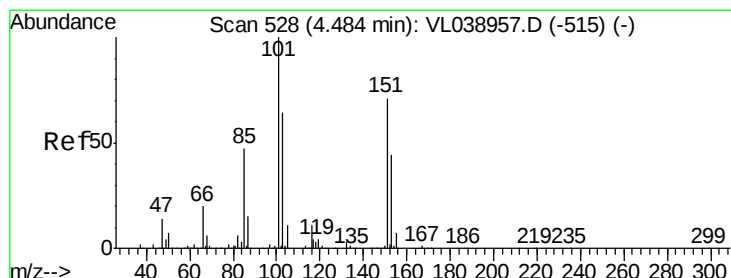
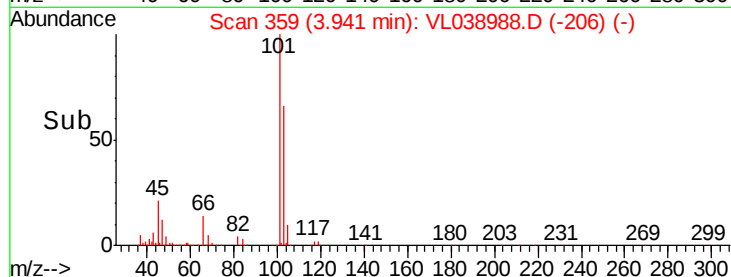
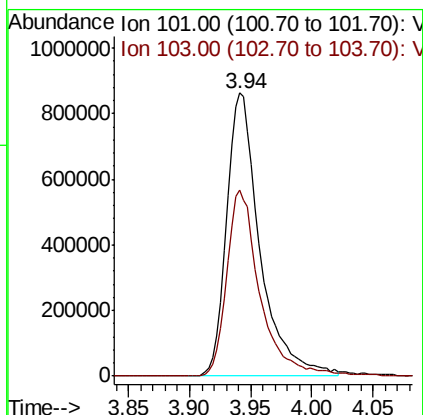
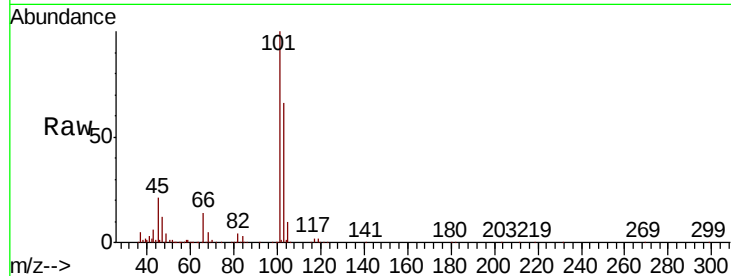


#11
 Trichlorofluoromethane
 Concen: 11.146 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:1
 Ion Rati
 101 100
 103 65.

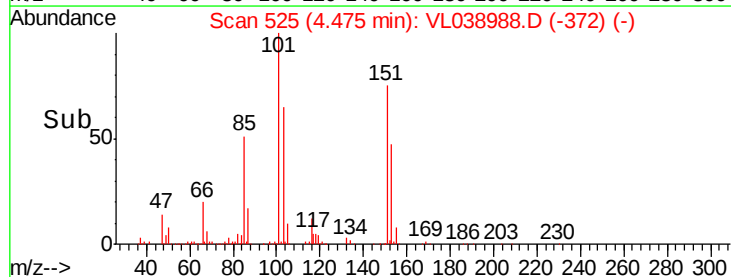
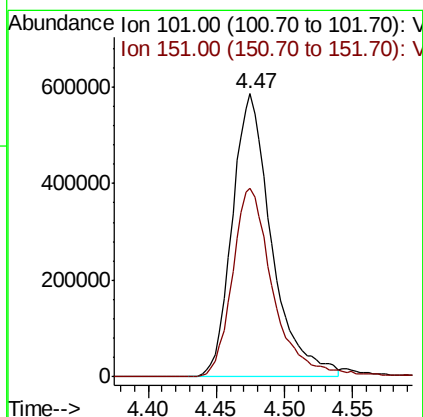
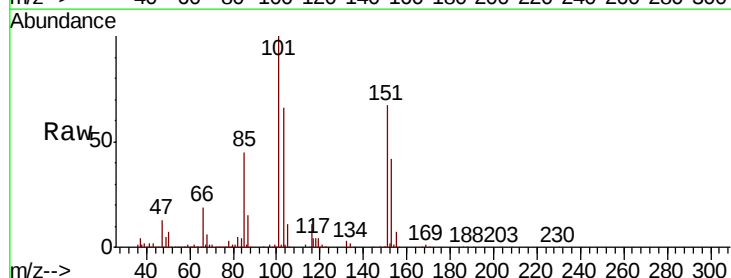
Manual Integrations
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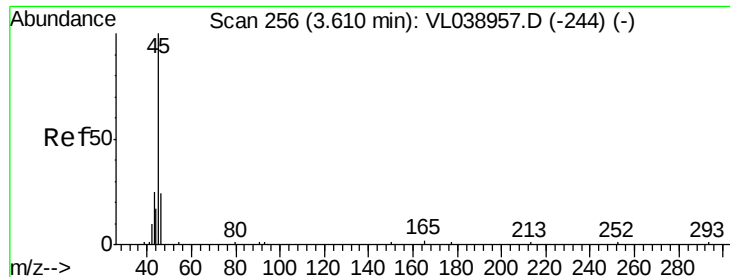
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.484 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:101 Resp: 1173352
 Ion Ratio Lower Upper
 101 100
 151 69.6 55.4 83.0





#13

Ethanol

Concen: 8.636 ppbv m

RT: 3.60 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 14:17 VSTDCC010

Tot Ion:

Ion Ratio

45 100

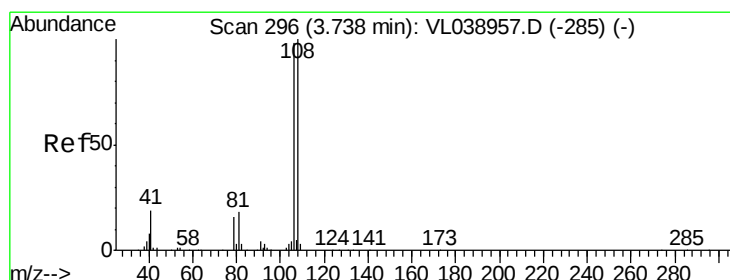
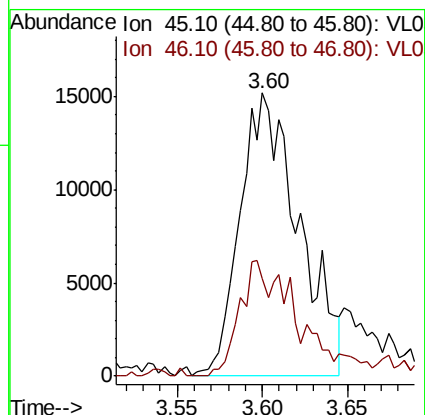
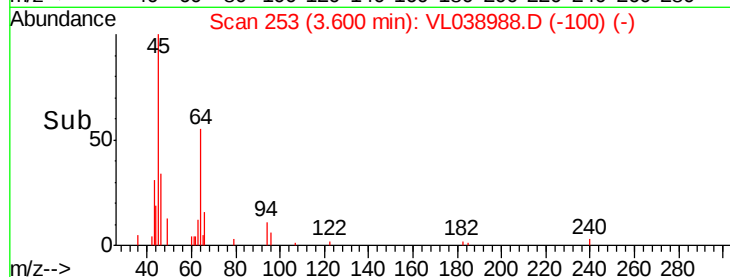
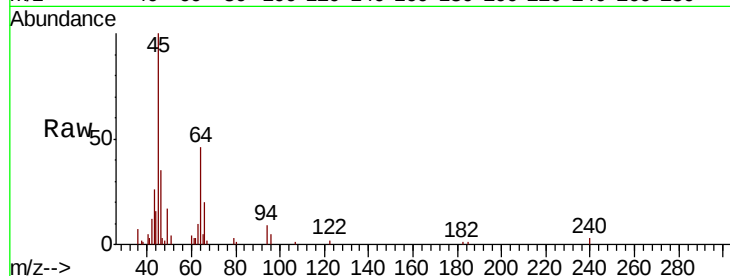
46 46.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#14

Bromoethene

Concen: 11.566 ppbv

RT: 3.73 min Scan# 294

Delta R.T. -0.01 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

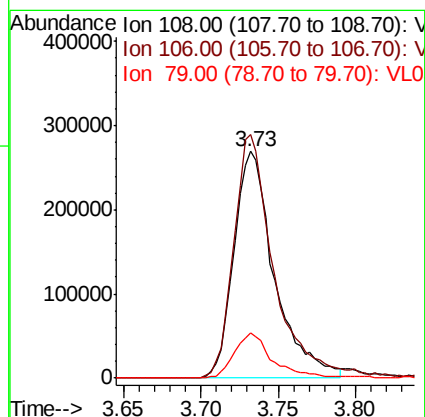
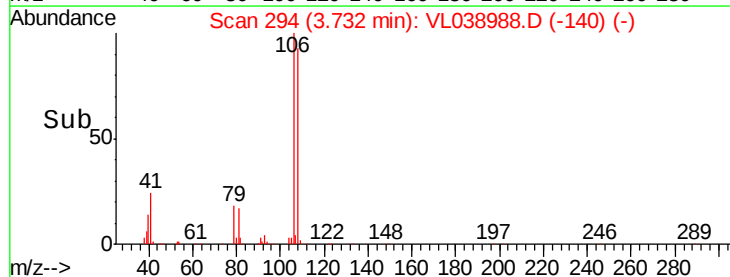
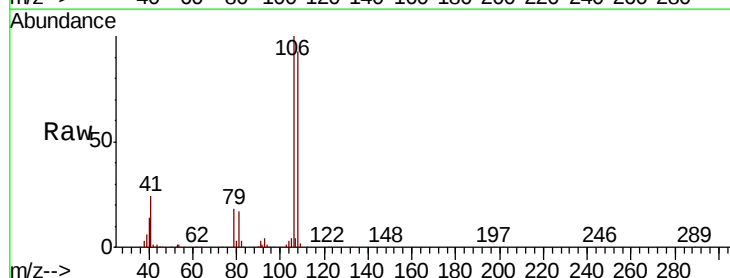
Tgt Ion:108 Resp: 487313

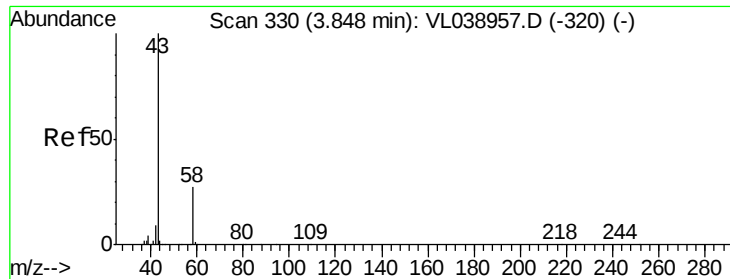
Ion Ratio Lower Upper

108 100

106 108.5 90.3 135.5

79 19.7 14.9 22.3



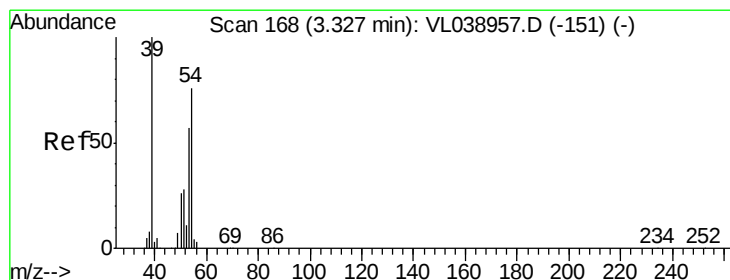
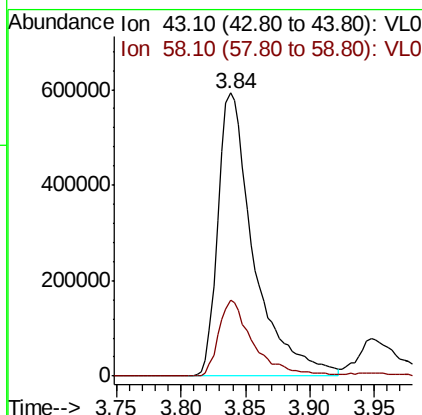
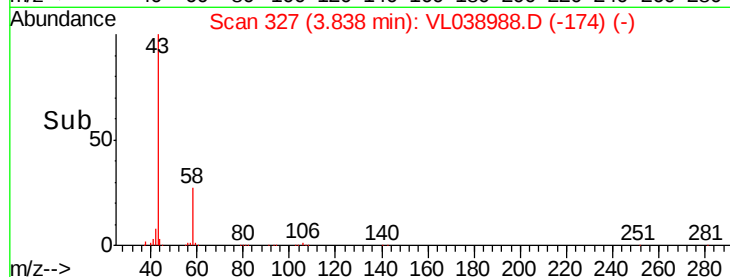
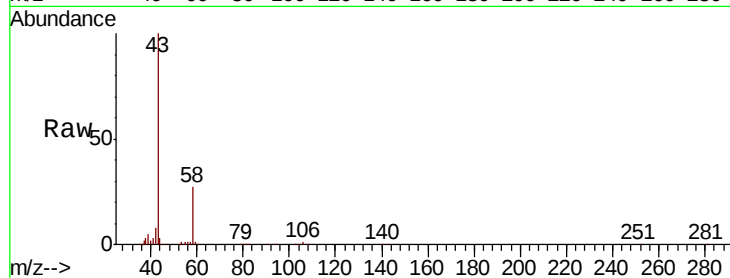


#15
Acetone
Concen: 11.009 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
43 100
58 26.

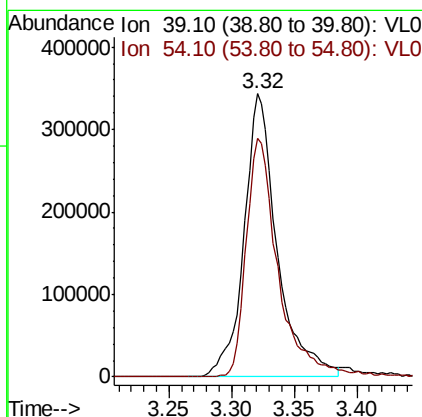
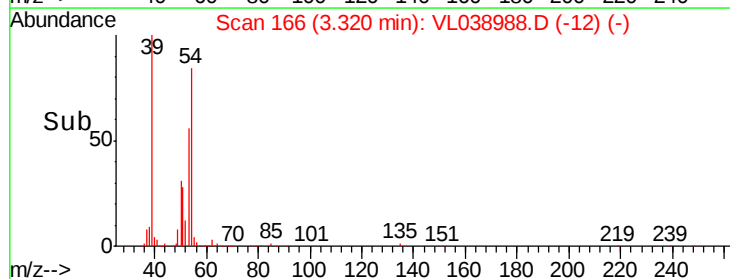
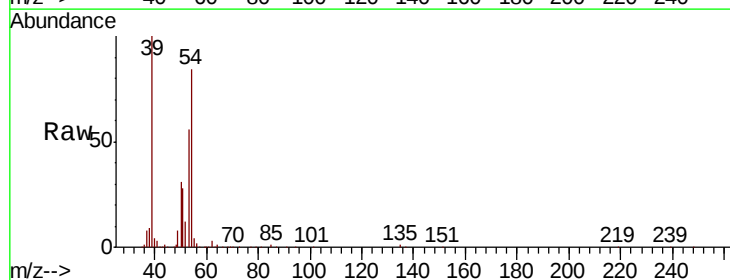
Manual Integrations
APPROVED

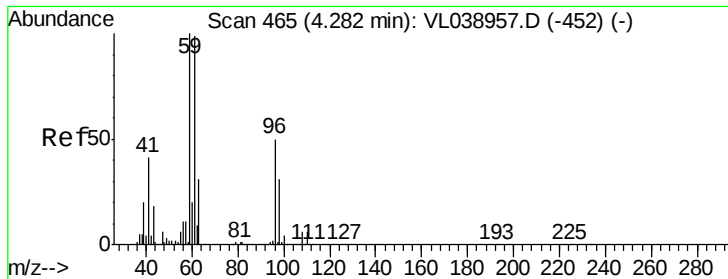
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#16
1,3-Butadiene
Concen: 10.557 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 39 Resp: 631233
Ion Ratio Lower Upper
39 100
54 82.5 65.2 97.8





#17

tert-Butyl alcohol

Concen: 11.522 ppbv

RT: 4.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 May 2022 14:17 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

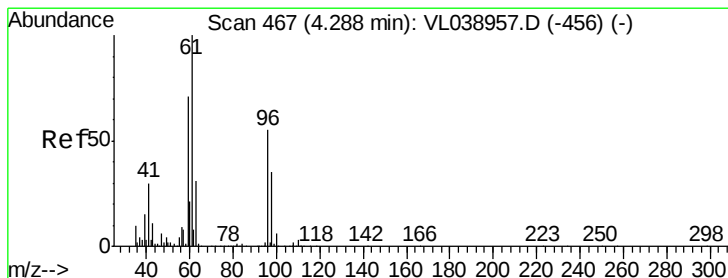
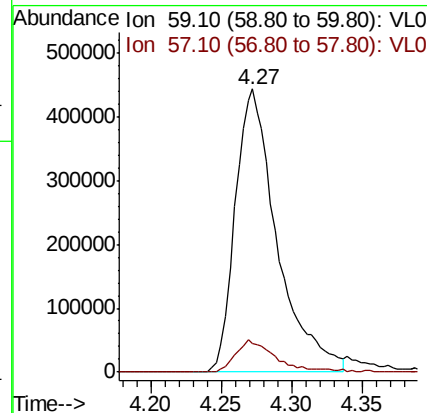
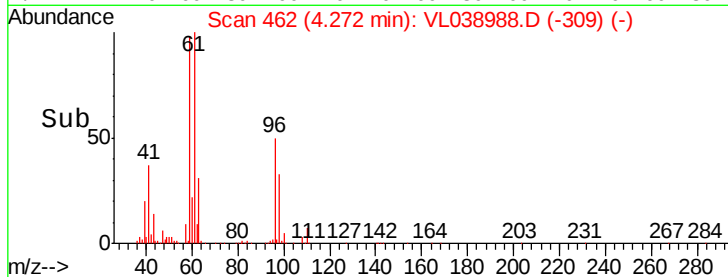
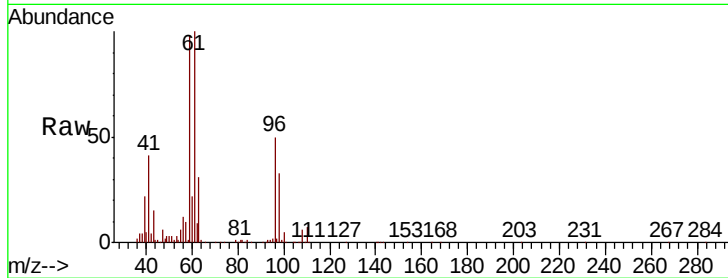
57 11.

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APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#18

1,1-Dichloroethene

Concen: 11.640 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

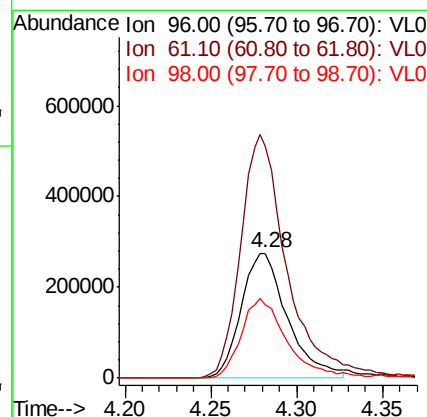
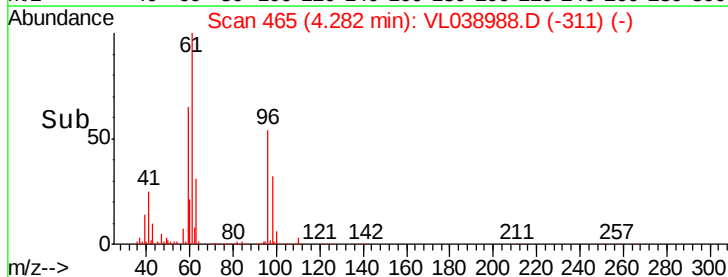
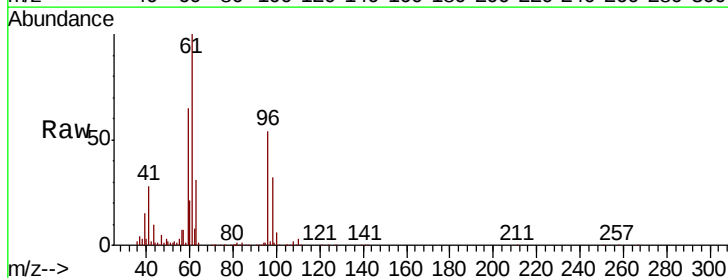
Tgt Ion: 96 Resp: 511866

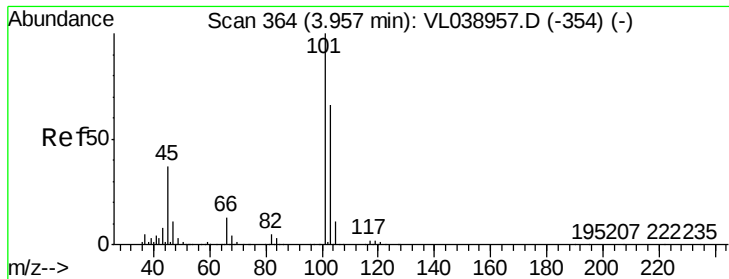
Ion Ratio Lower Upper

96 100

61 185.5 146.3 219.5

98 59.2 50.6 75.8



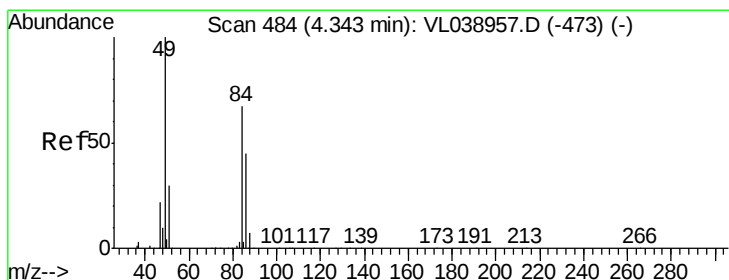
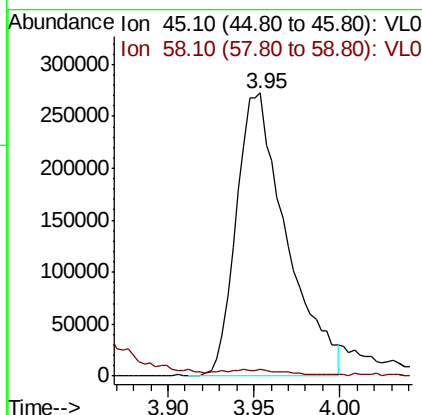
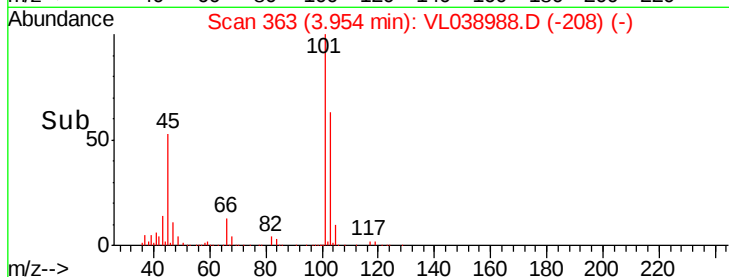
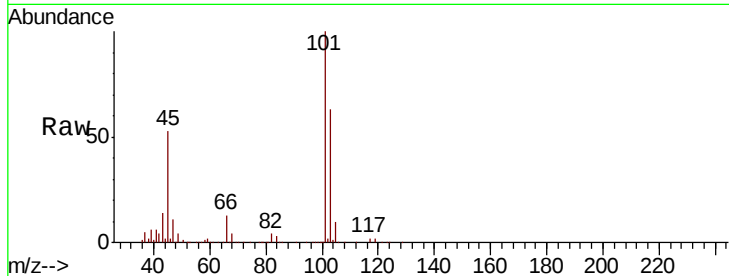


#19
Isopropyl Alcohol
Concen: 11.192 ppbv
RT: 3.95 min
Delta R.T.: MSVOA.L
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
45 100
58 3.

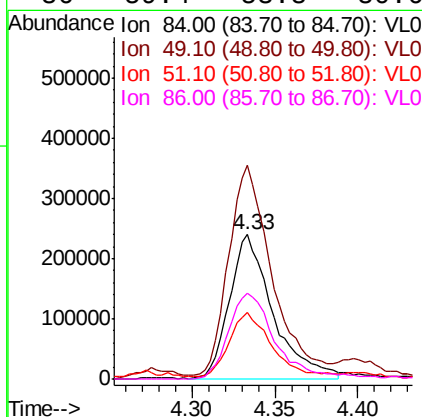
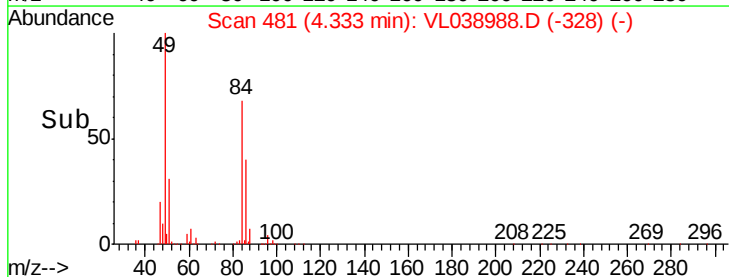
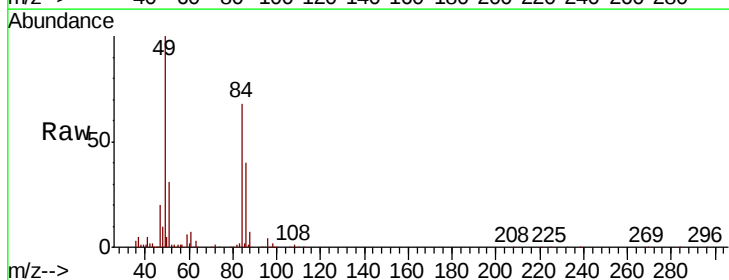
Manual Integrations
APPROVED

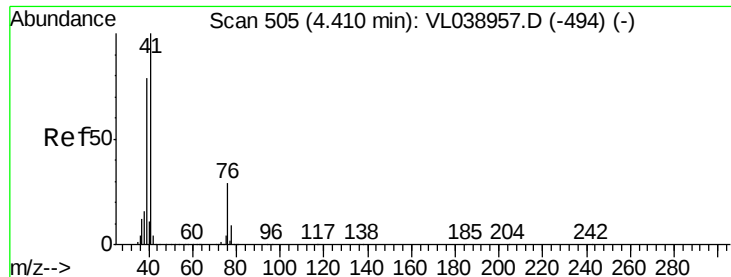
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#20
Methylene Chloride
Concen: 11.022 ppbv
RT: 4.33 min Scan# 481
Delta R.T.: -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 84 Resp: 432361
Ion Ratio Lower Upper
84 100
49 145.6 119.9 179.9
51 45.0 35.7 53.5
86 59.4 53.8 80.6



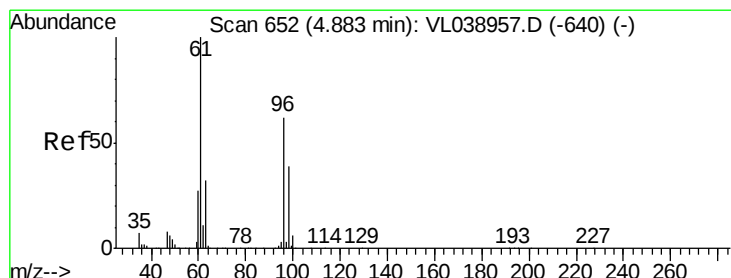
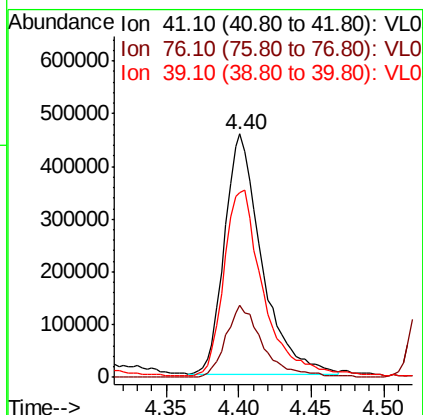
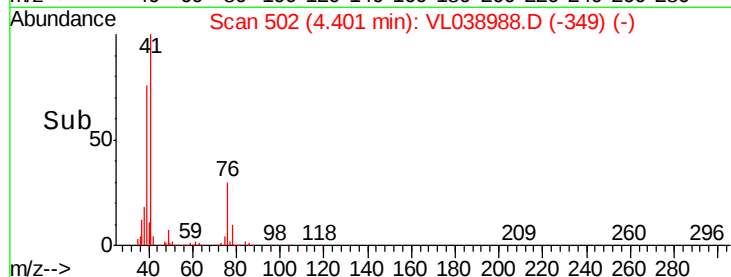
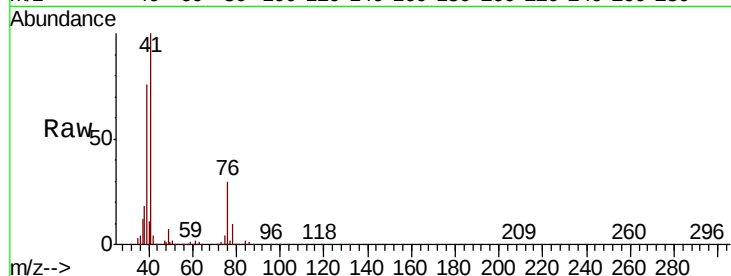


#21
 Allvl Chloride
 Concen: 11.400 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

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

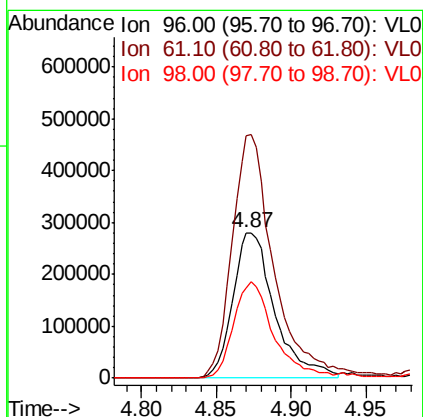
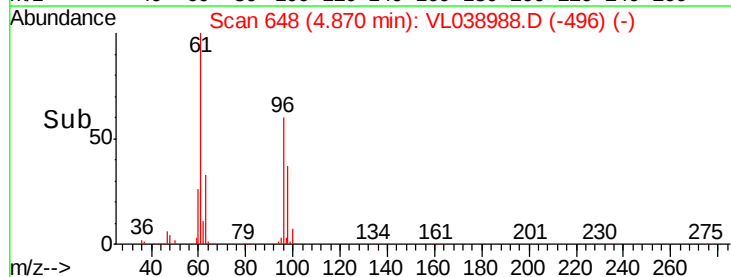
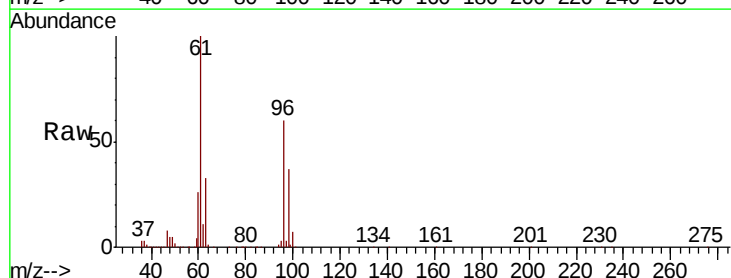
Manual Integrations
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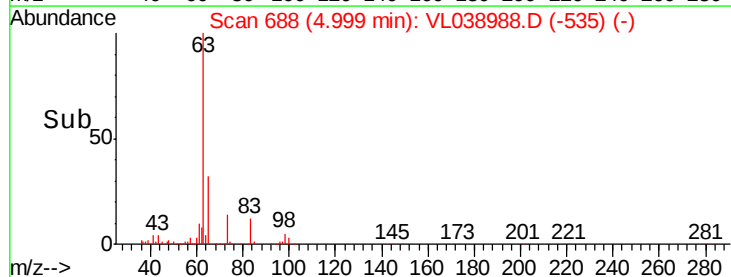
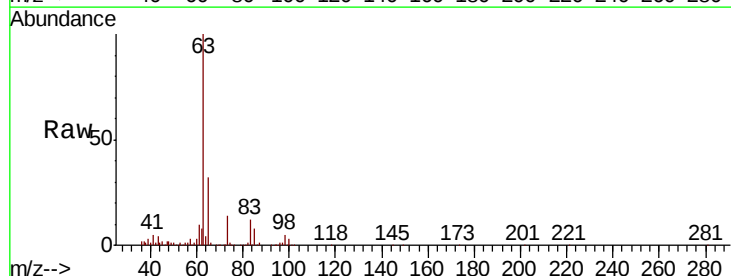
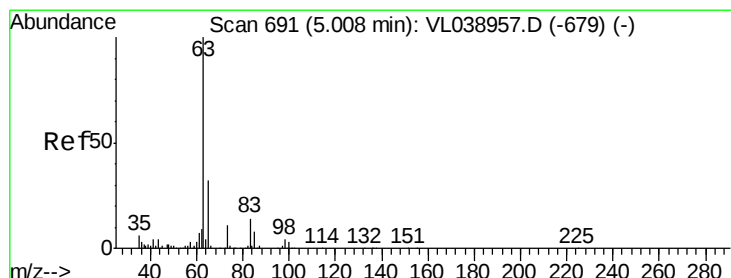
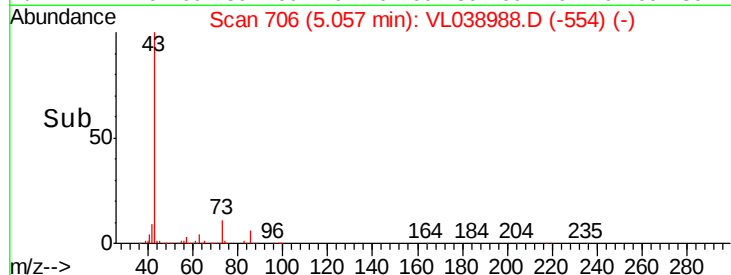
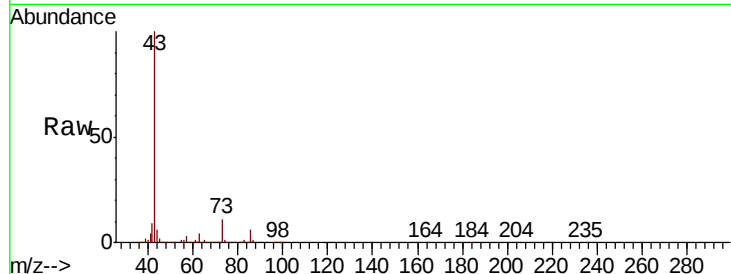
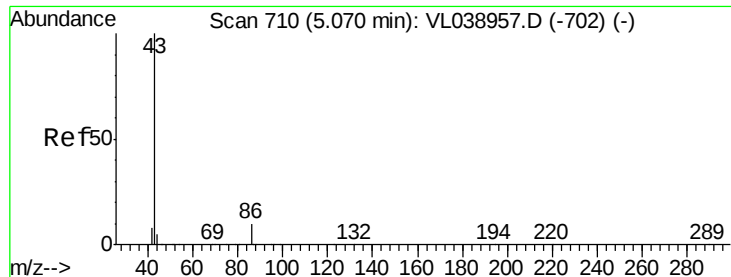
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.485 ppbv
 RT: 4.87 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 96 Resp: 545555
 Ion Ratio Lower Upper
 96 100
 61 167.1 128.2 192.2
 98 62.1 50.1 75.1





#23

Vinyl Acetate

Concen: 11.967 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

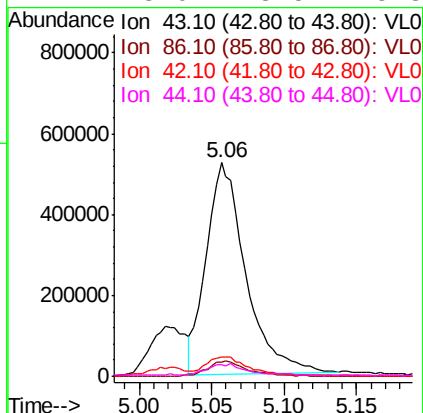
44 5.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#24

1,1-Dichloroethane

Concen: 11.381 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

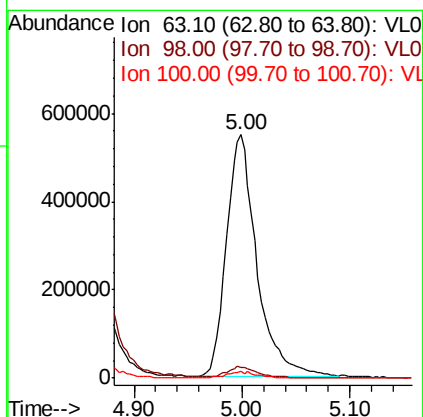
Tgt Ion: 63 Resp: 1079185

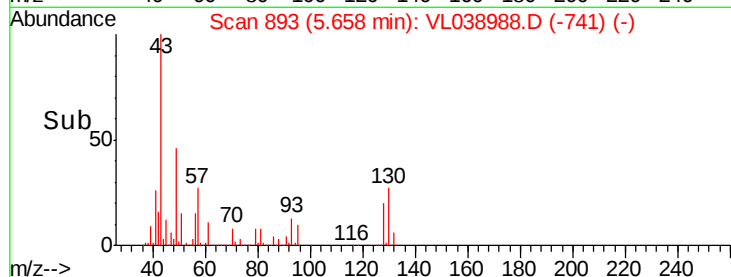
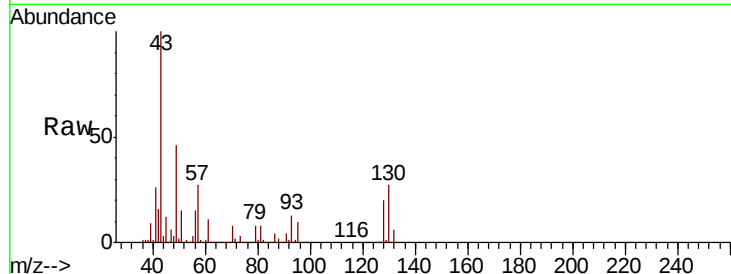
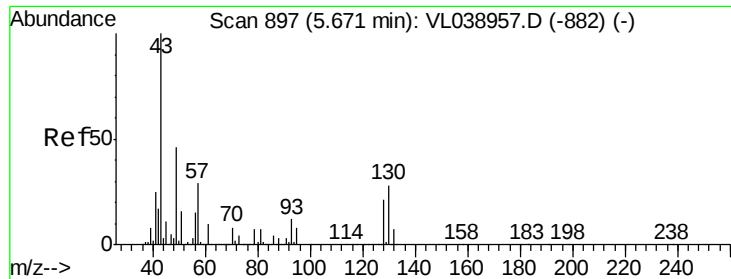
Ion Ratio Lower Upper

63 100

98 4.4 2.1 6.2

100 2.5 1.4 4.2



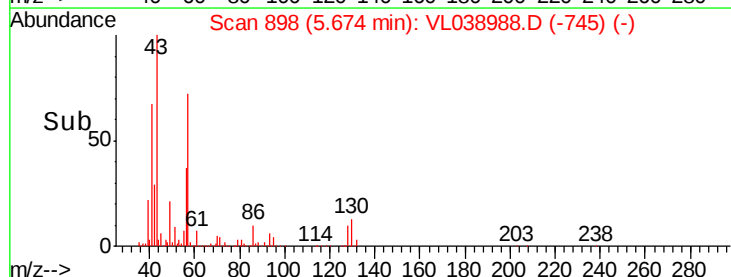
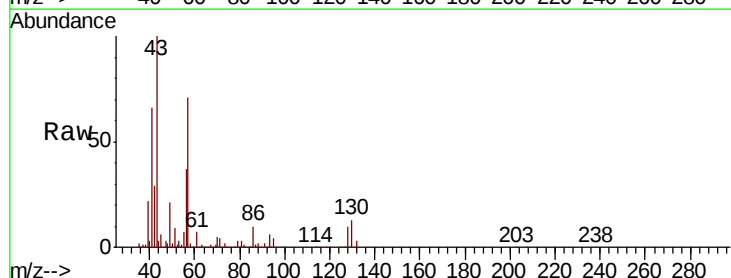
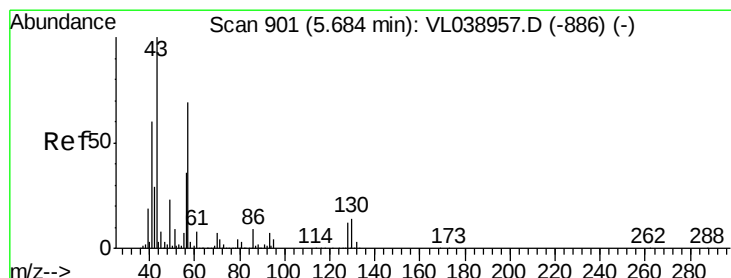
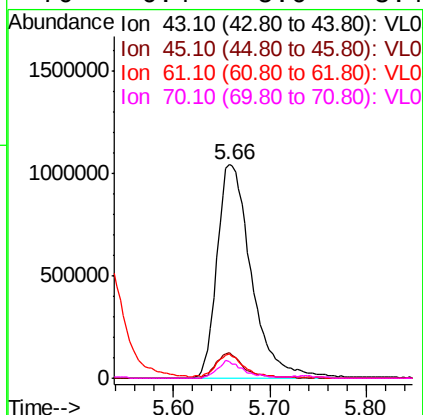


#25
Ethyl Acetate
Concen: 10.266 ppbv
RT: 5.66
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 6.4 5.6 8.4

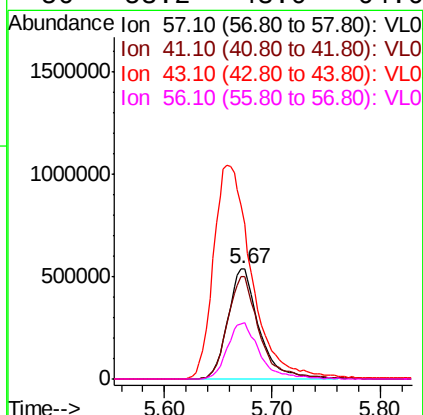
Manual Integrations
APPROVED

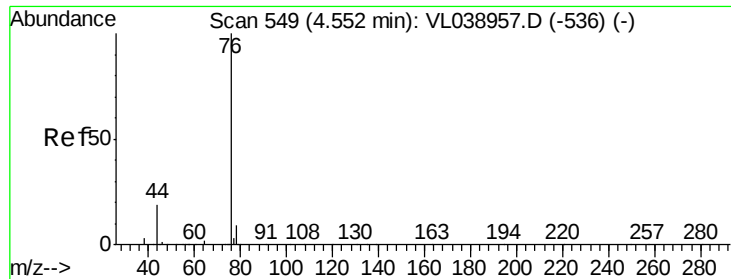
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
Hexane
Concen: 9.787 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 57 Resp: 1083242
Ion Ratio Lower Upper
57 100
41 95.5 75.2 112.8
43 238.8 190.8 286.2
56 53.2 43.0 64.6





#27

Carbon Disulfide

Concen: 12.581 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

76 100

44 18.

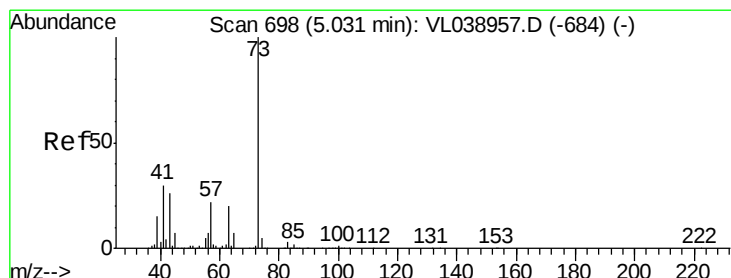
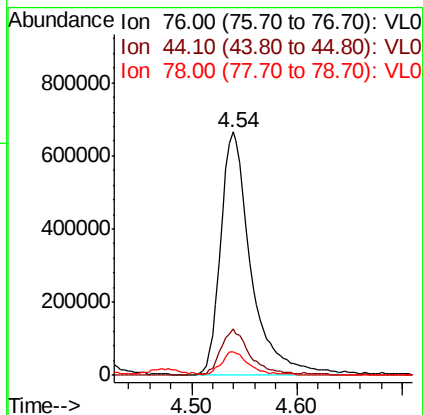
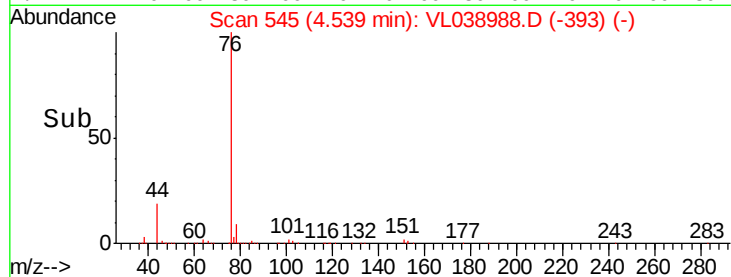
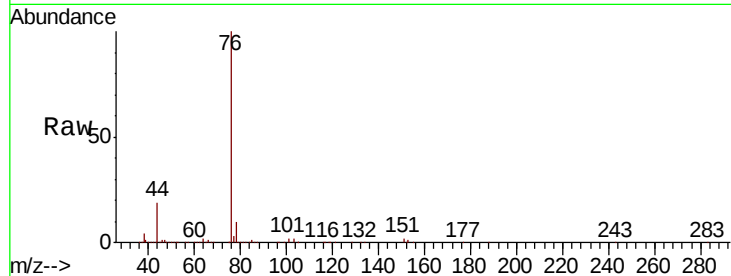
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#28

Methyl tert-Butyl Ether

Concen: 11.178 ppbv

RT: 5.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: VL038988.D

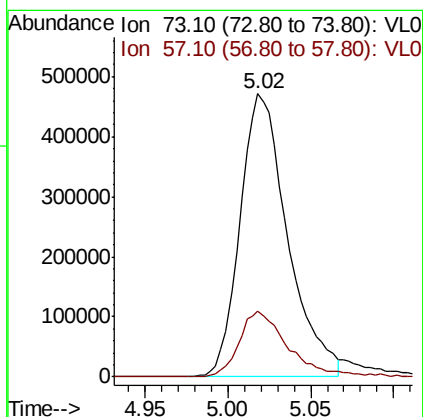
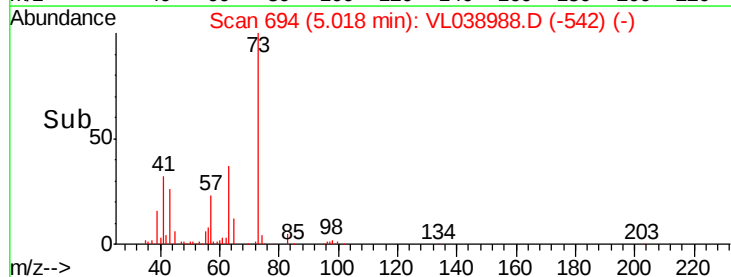
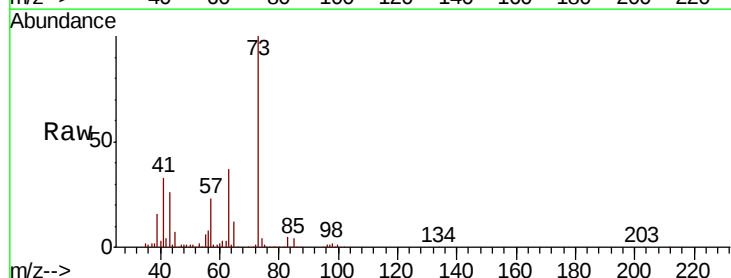
Acq: 9 May 2022 14:17

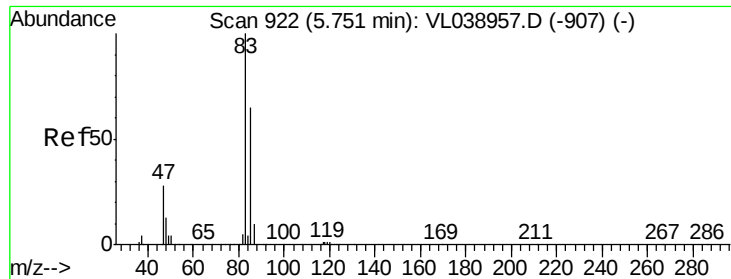
Tgt Ion: 73 Resp: 941334

Ion Ratio Lower Upper

73 100

57 24.0 18.8 28.2



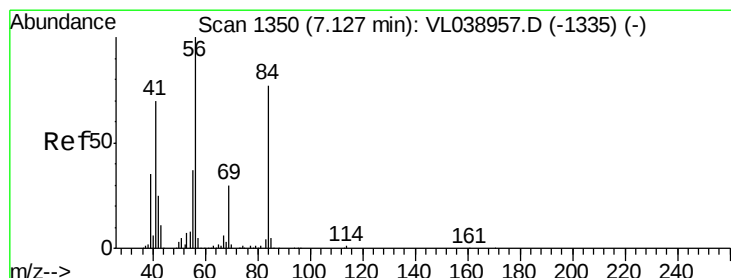
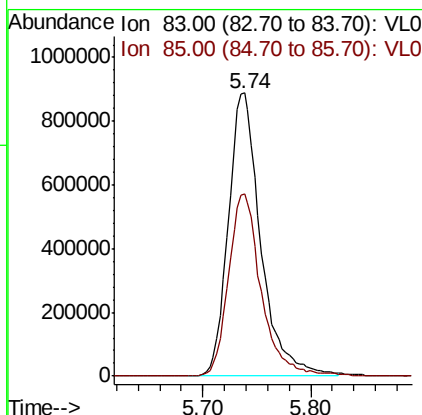
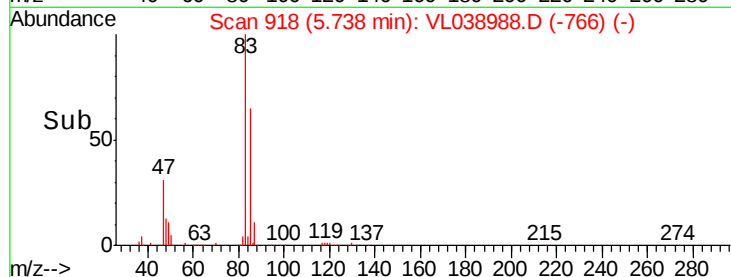
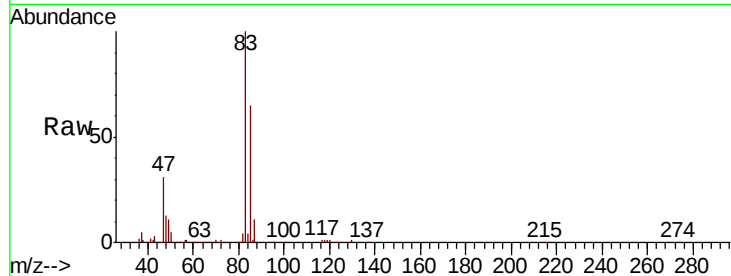


#29
Chloroform
Concen: 10.422 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
83 100
85 64.

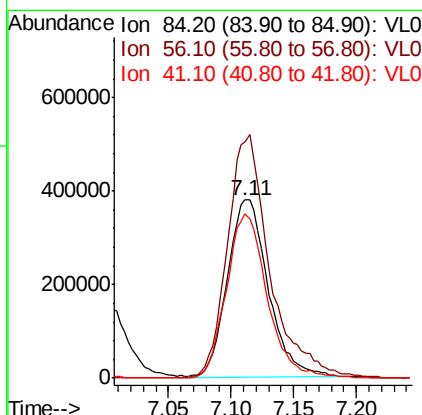
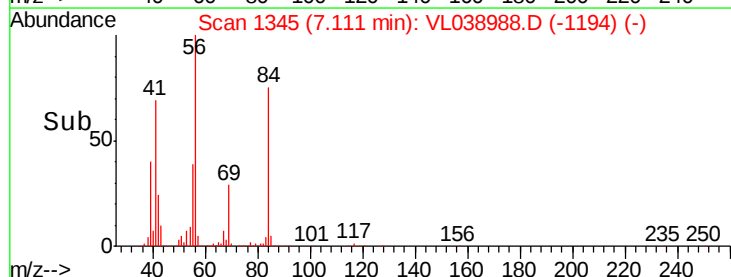
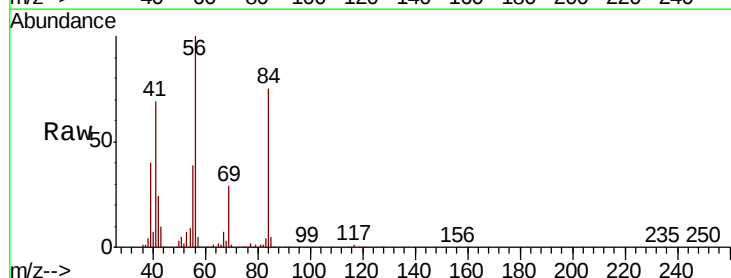
Manual Integrations
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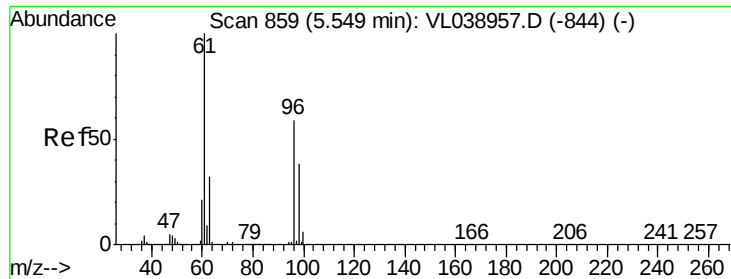
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#30
Cyclohexane
Concen: 9.276 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 84 Resp: 859591
Ion Ratio Lower Upper
84 100
56 142.9 115.3 172.9
41 92.7 72.0 108.0



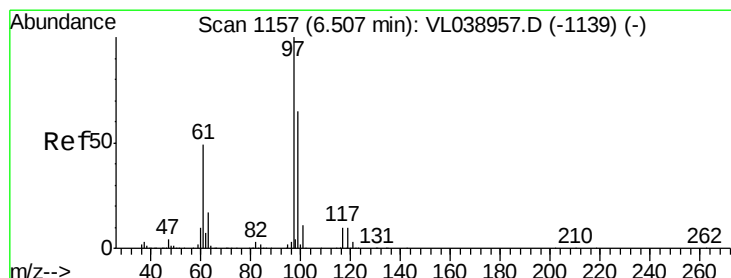
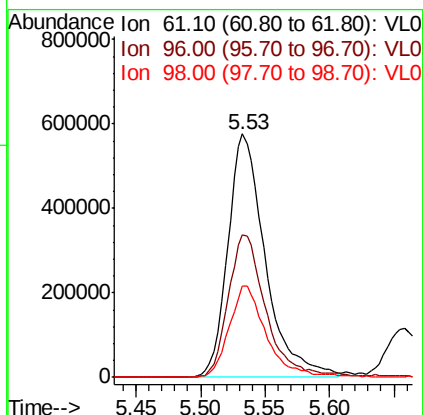
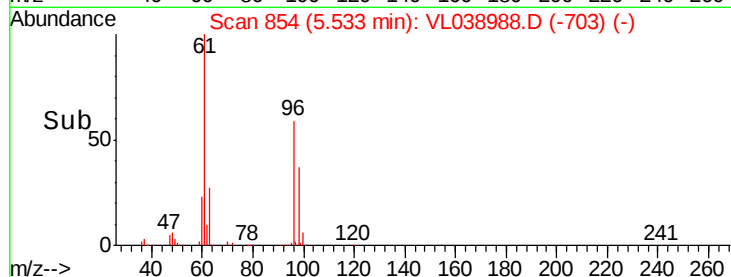
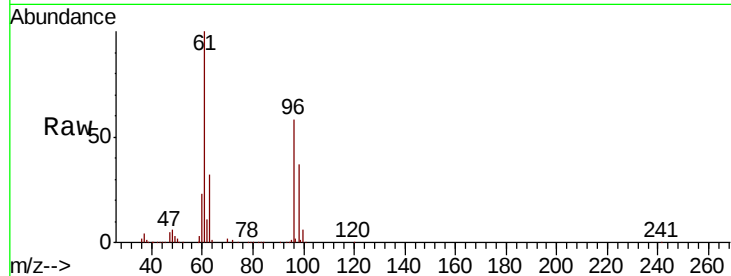


#31
 cis-1,2-Dichloroethene
 Concen: 10.294 ppbv
 RT: 5.53
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 61 100
 96 58.
 98 37.

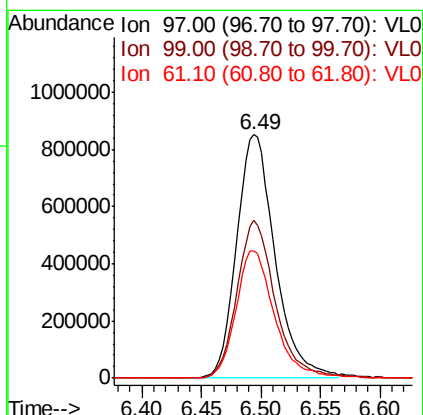
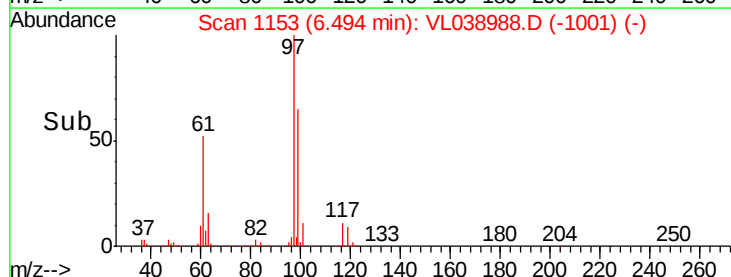
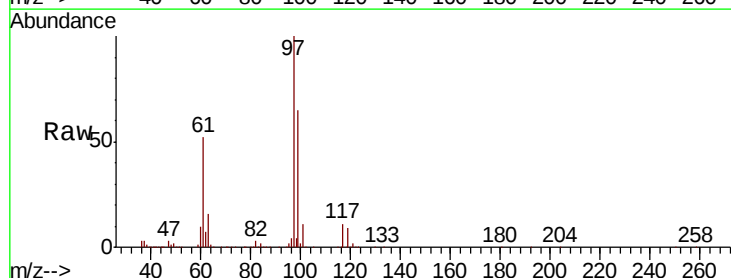
Manual Integrations
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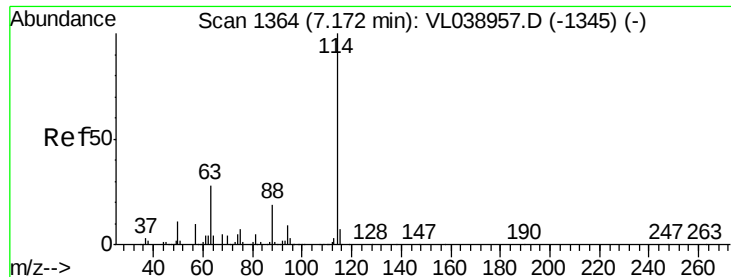
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.661 ppbv
 RT: 6.49 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 97 Resp: 1908779
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 52.6 40.9 61.3



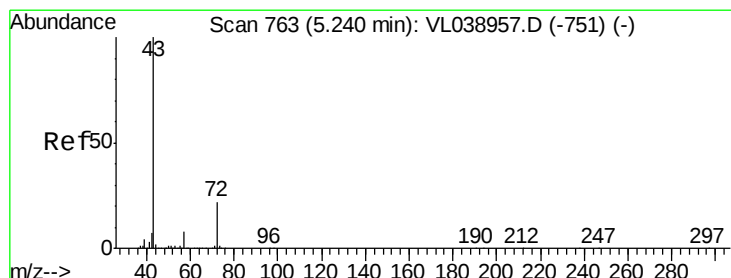
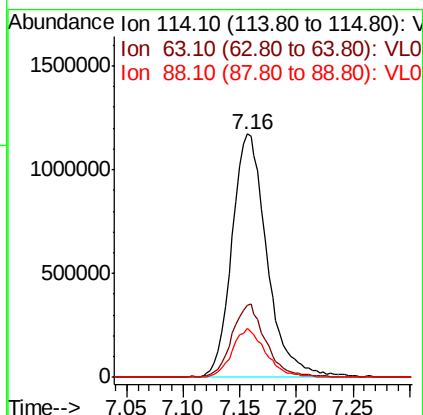
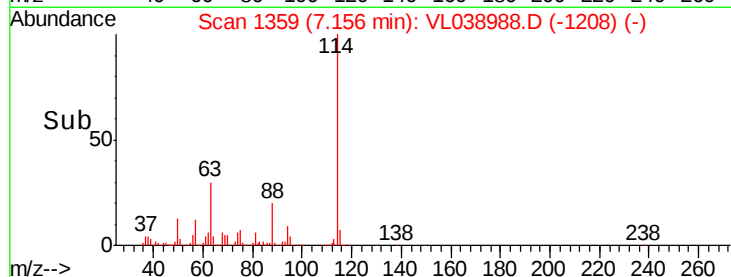
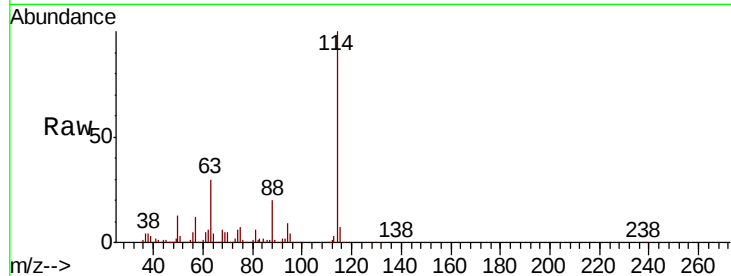


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:1
 Ion Rati
 114 100
 63 29.
 88 19.

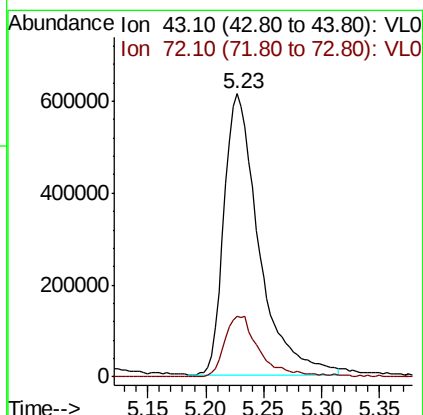
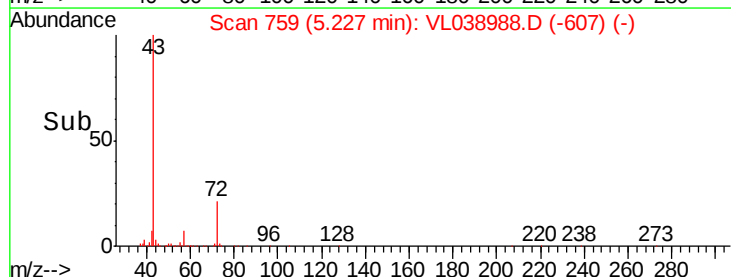
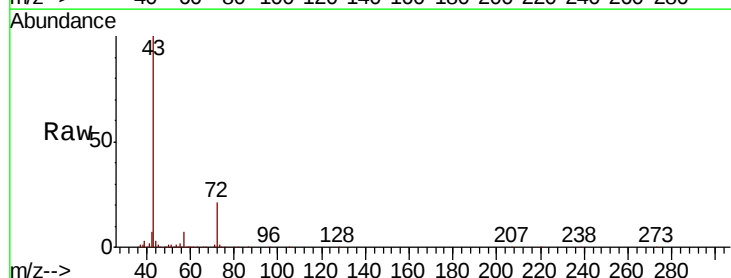
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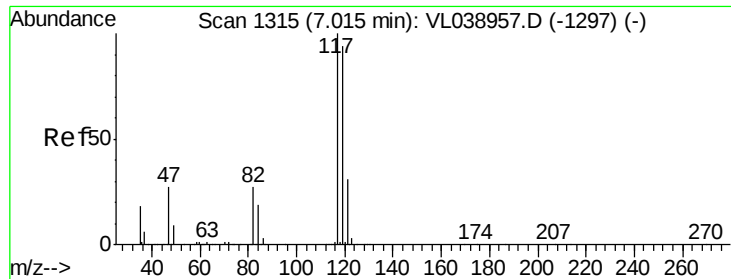
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#34
 2-Butanone
 Concen: 9.891 ppbv
 RT: 5.23 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 1275404
 Ion Ratio Lower Upper
 43 100
 72 22.4 17.8 26.6



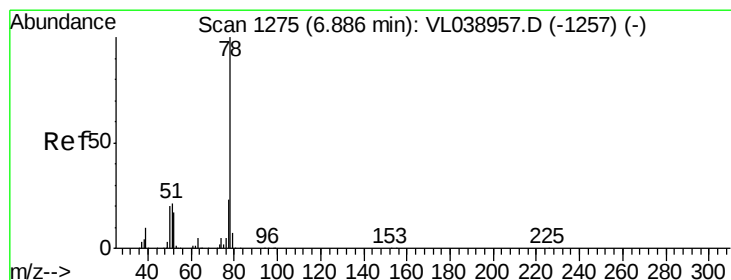
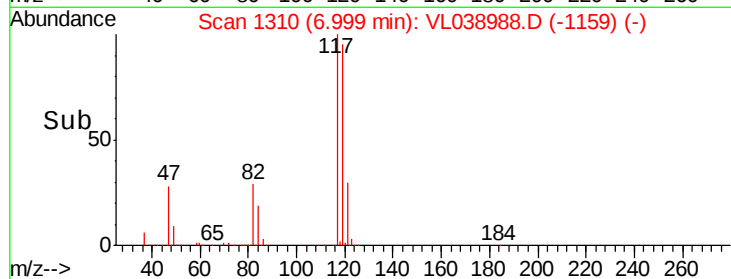
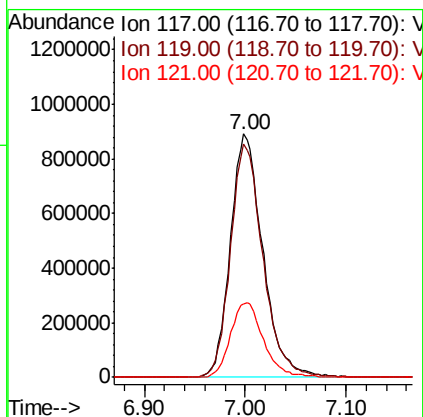
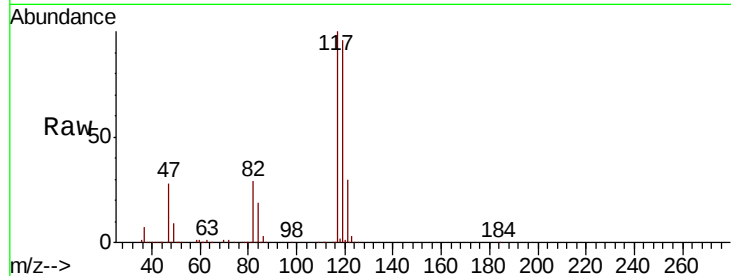


#35
Carbon Tetrachloride
Concen: 11.967 ppbv
RT: 7.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 May 2022 14:17

Tot Ion:1
Ion Rati
117 100
119 95.
121 30.

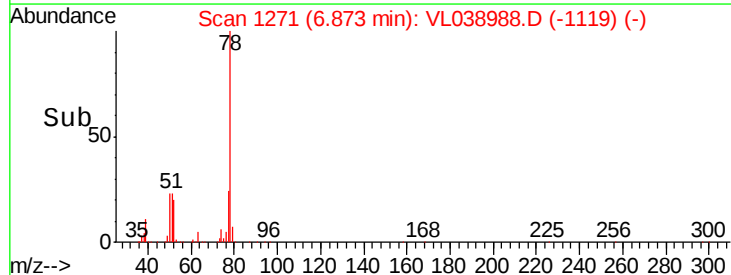
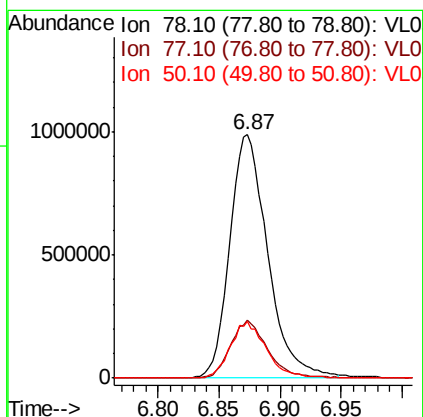
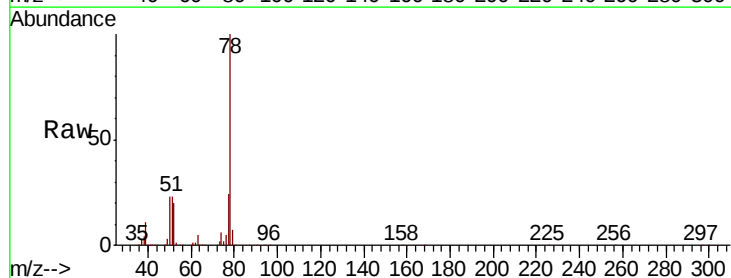
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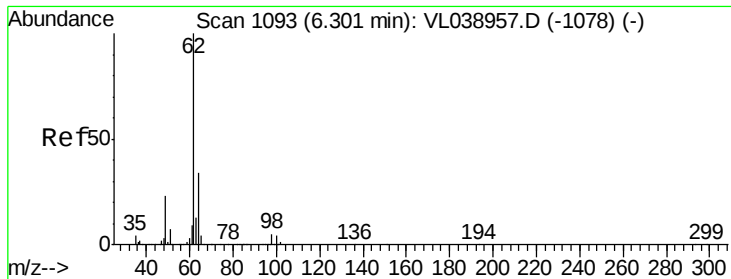
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#36
Benzene
Concen: 9.861 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 78 Resp: 2133099
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
50 23.2 15.6 23.4



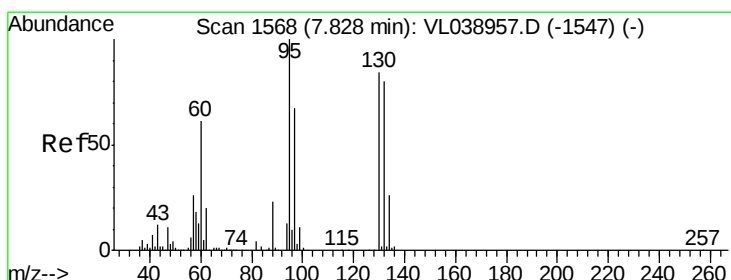
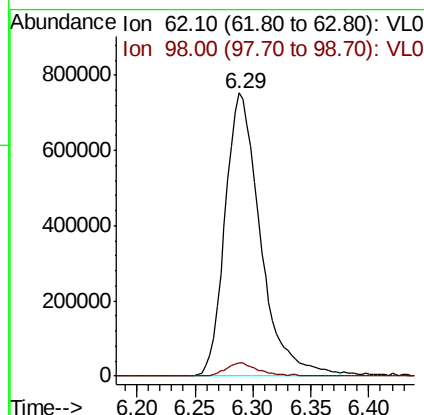
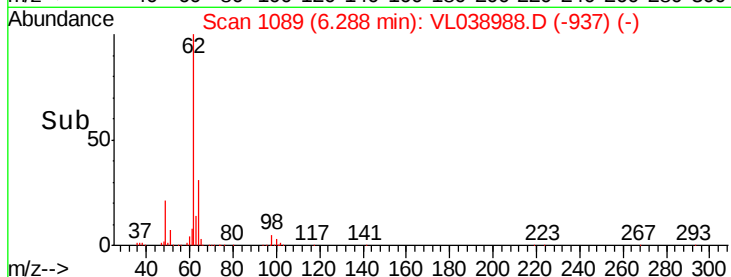
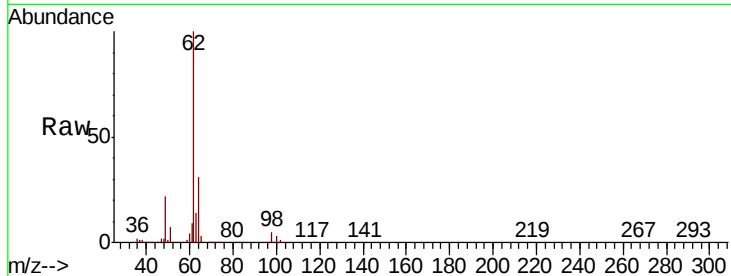


#37
 1,2-Dichloroethane
 Concen: 11.859 ppbv
 RT: 6.29
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 62 100
 98 4.

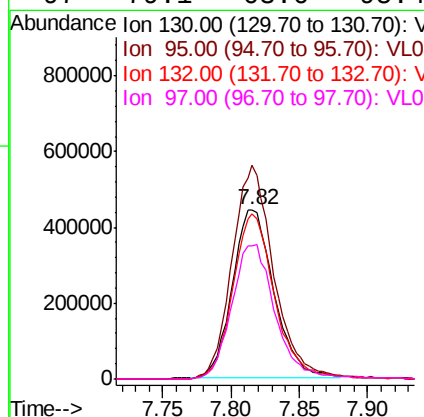
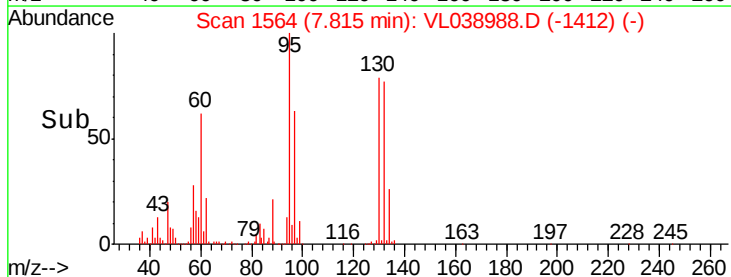
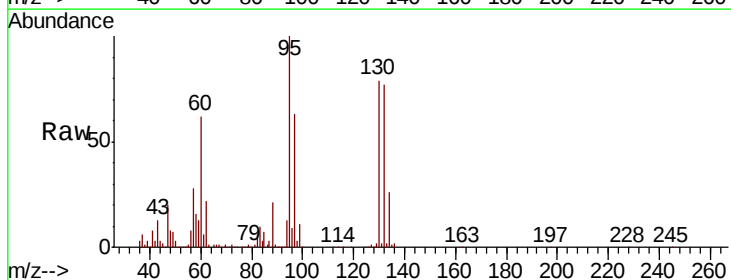
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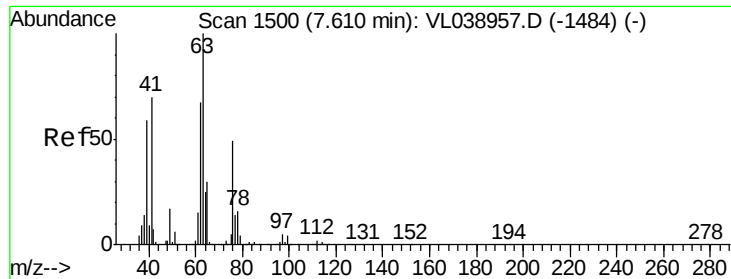
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#38
 Trichloroethene
 Concen: 9.890 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:130 Resp: 951020
 Ion Ratio Lower Upper
 130 100
 95 126.2 94.8 142.2
 132 97.6 75.8 113.8
 97 79.1 63.6 95.4



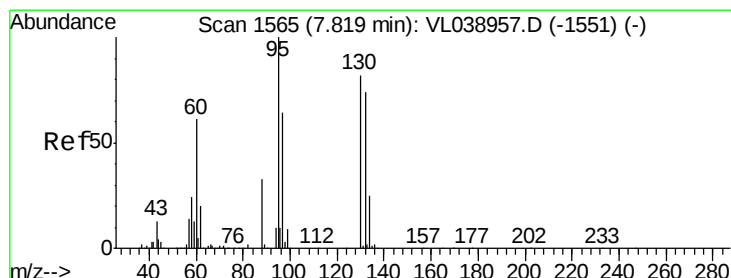
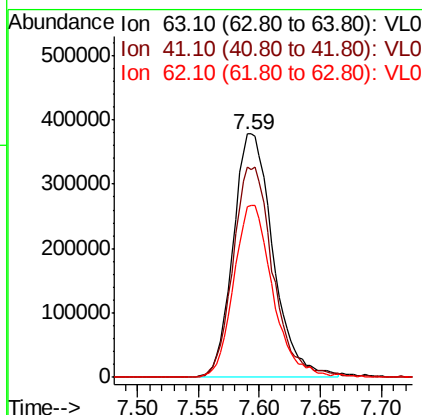
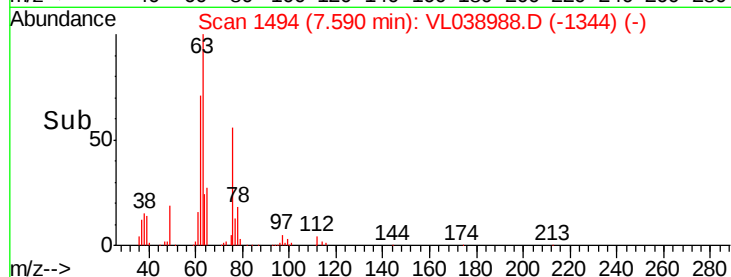
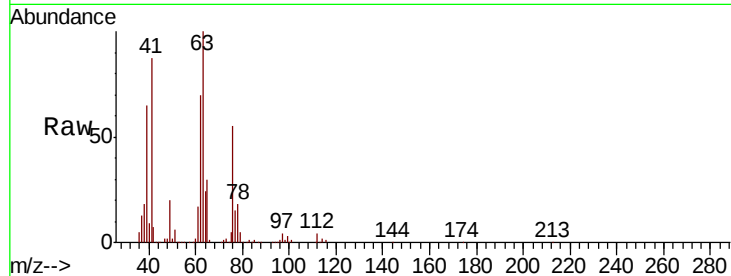


#39
 1,2-Dichloropropane
 Concen: 10.160 ppbv
 RT: 7.59
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 63 100
 41 86.
 62 70.

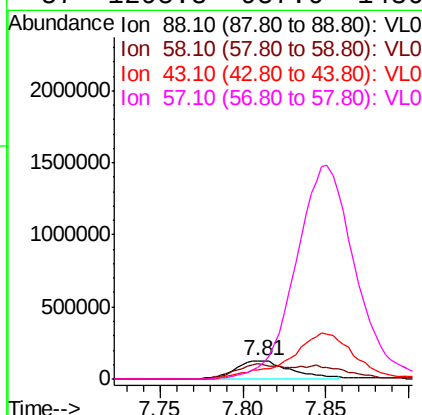
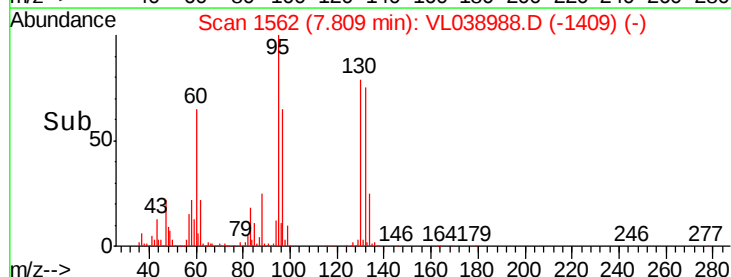
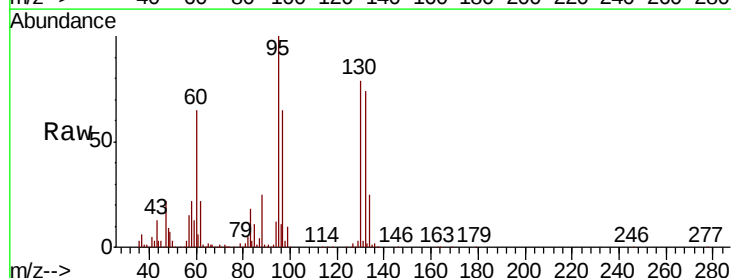
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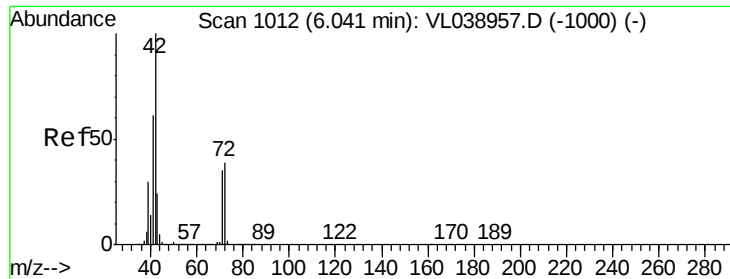
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#40
 1,4-Dioxane
 Concen: 9.577 ppbv
 RT: 7.81 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 88 Resp: 289500
 Ion Ratio Lower Upper
 88 100
 58 144.8 106.1 159.1
 43 304.7 222.9 334.3
 57 1295.8 957.6 1436.4



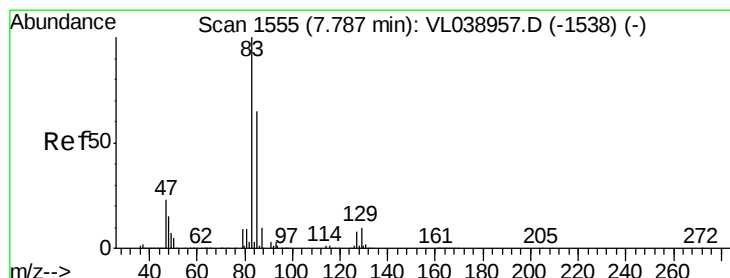
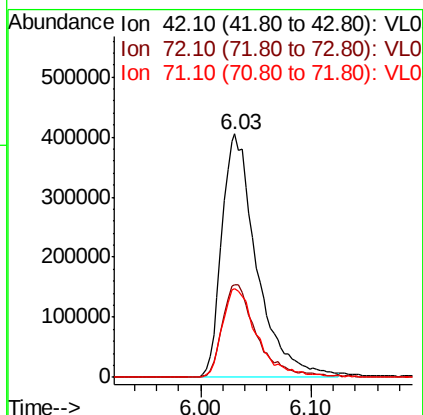
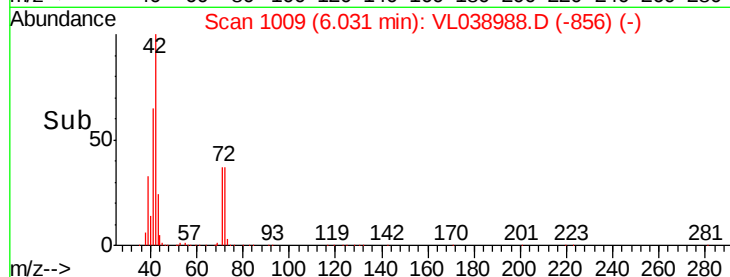
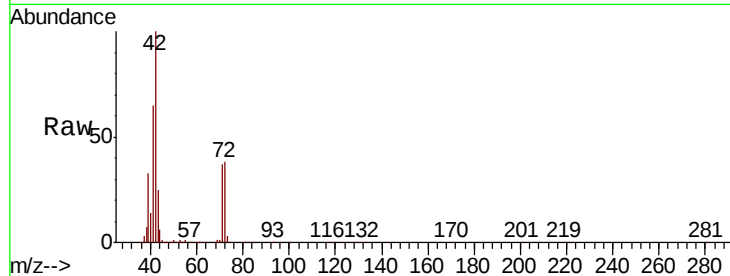


#41
Tetrahydrofuran
Concen: 10.307 ppbv
RT: 6.03
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

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

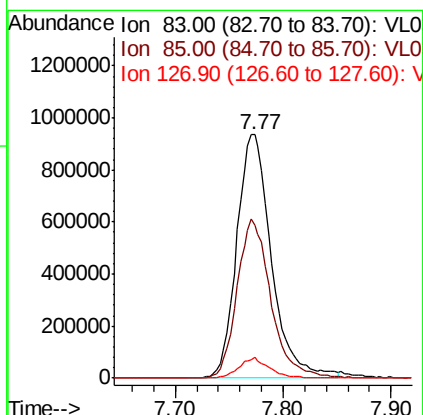
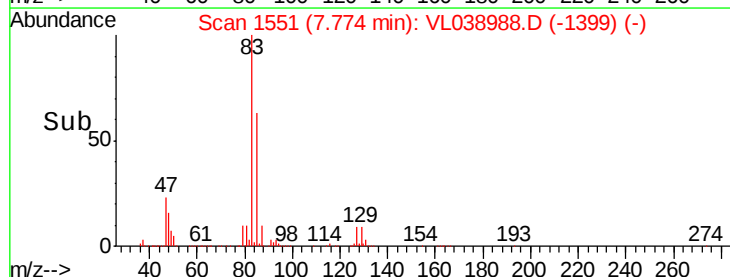
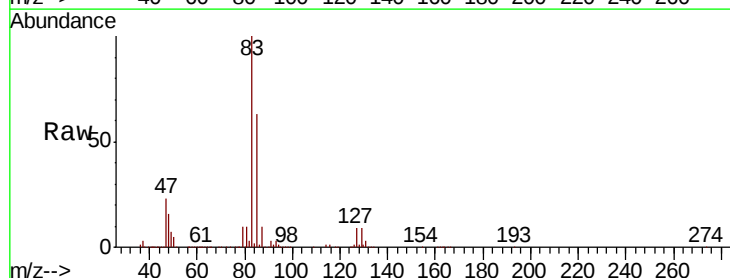
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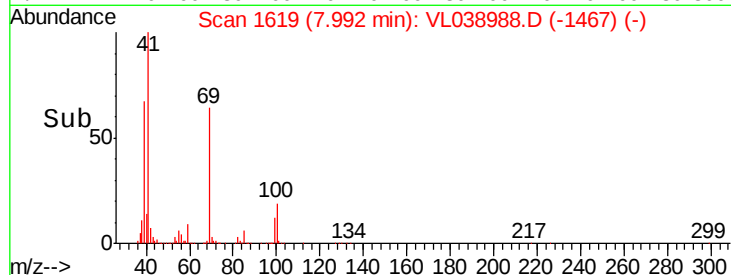
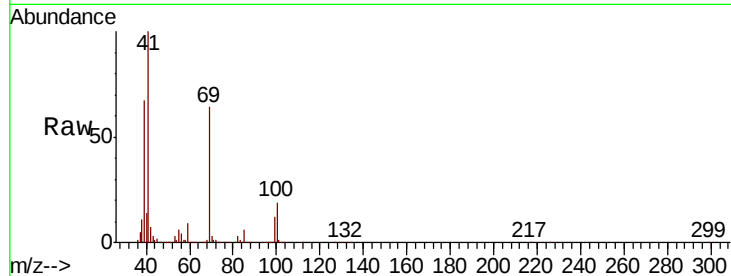
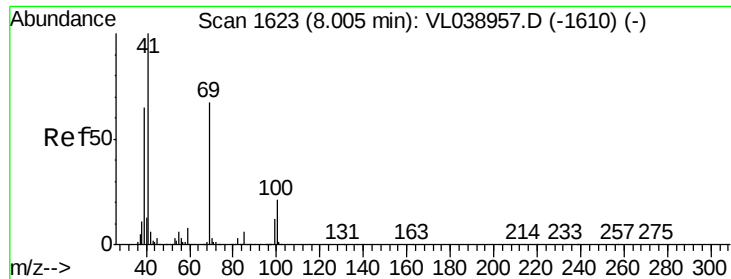
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#42
Bromodichloromethane
Concen: 11.444 ppbv
RT: 7.77 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 83 Resp: 2093910
Ion Ratio Lower Upper
83 100
85 62.6 52.0 78.0
127 8.6 6.0 9.0





#43

Methyl Methacrylate

Concen: 10.473 ppbv

RT: 7.99

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

69 100

41 156.

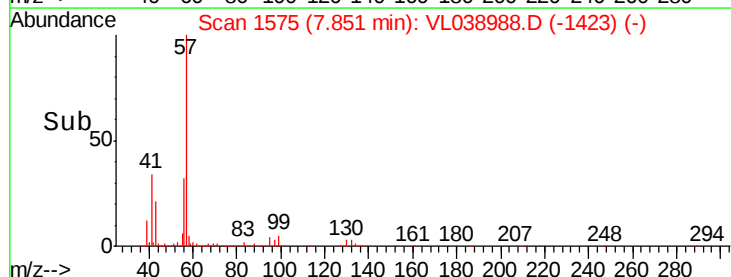
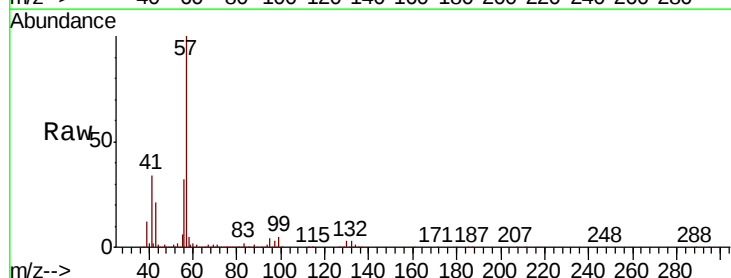
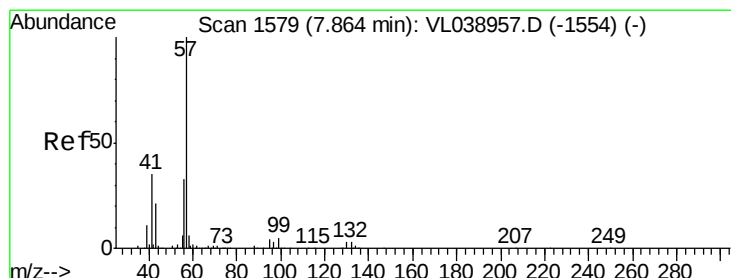
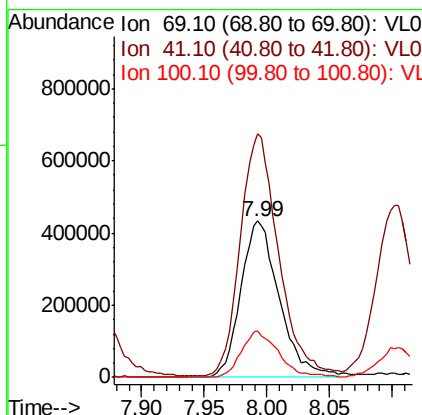
100 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#44

2,2,4-Trimethylpentane

Concen: 9.855 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. -0.01 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

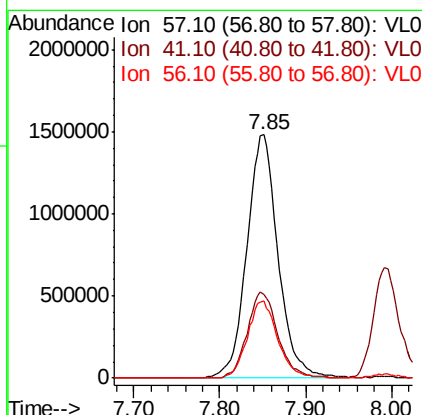
Tgt Ion: 57 Resp: 3740459

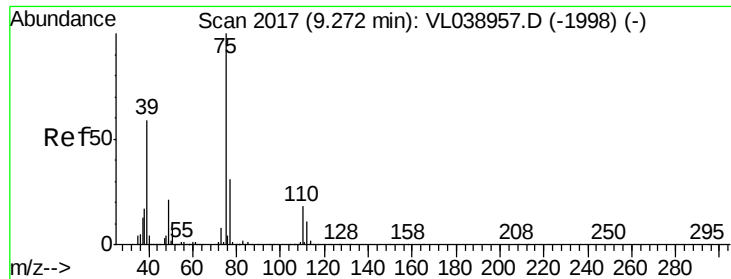
Ion Ratio Lower Upper

57 100

41 34.9 26.3 39.5

56 30.8 24.6 37.0



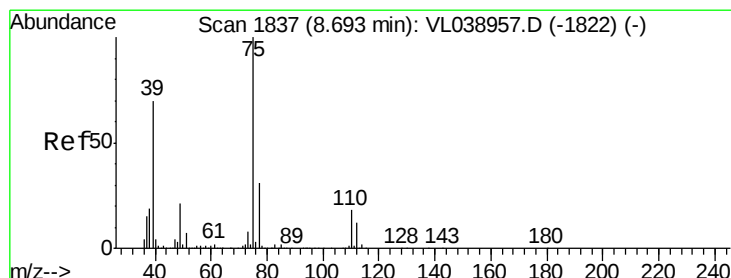
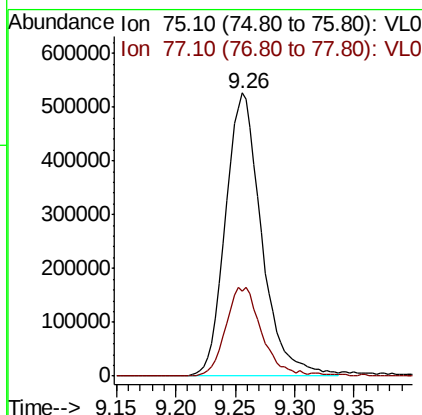
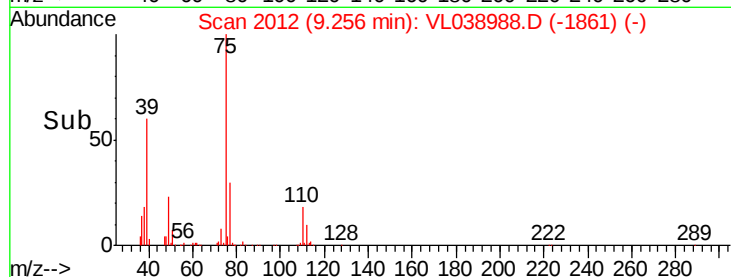
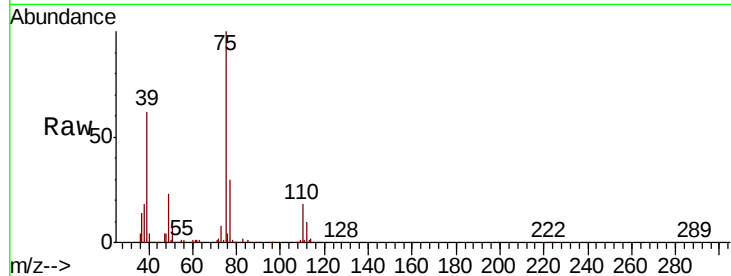


#45
t-1,3-Dichloropropene
Concen: 12.959 ppbv
RT: 9.26
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
75 100
77 30.

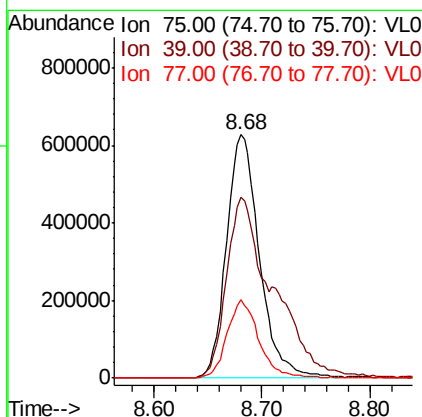
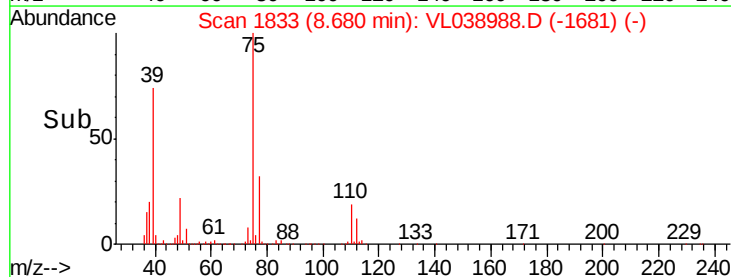
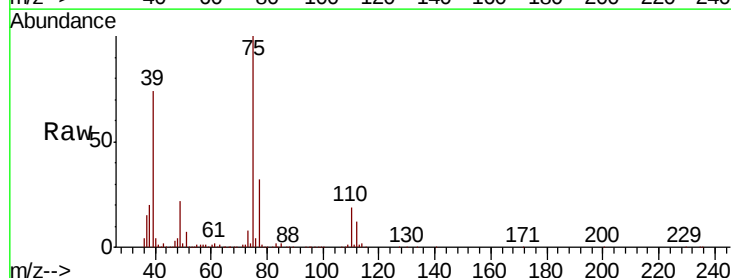
Manual Integrations
APPROVED

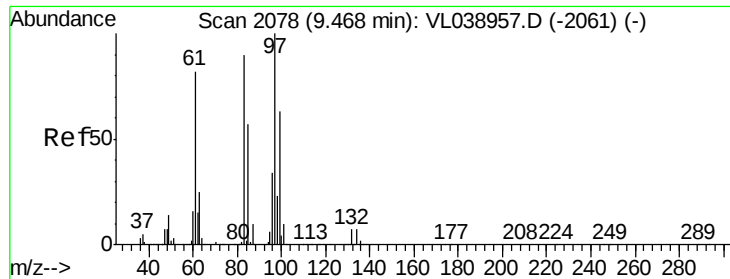
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#46
cis-1,3-Dichloropropene
Concen: 11.868 ppbv
RT: 8.68 min Scan# 1833
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 75 Resp: 1337814
Ion Ratio Lower Upper
75 100
39 74.2 55.8 83.6
77 32.0 24.8 37.2



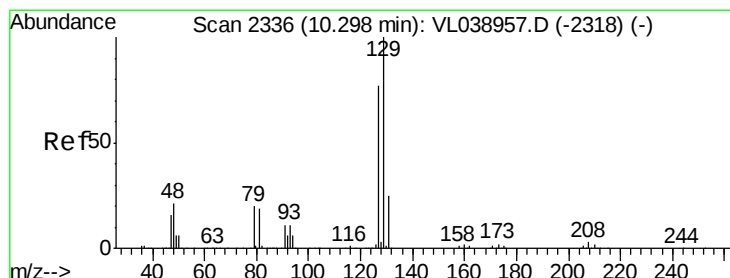
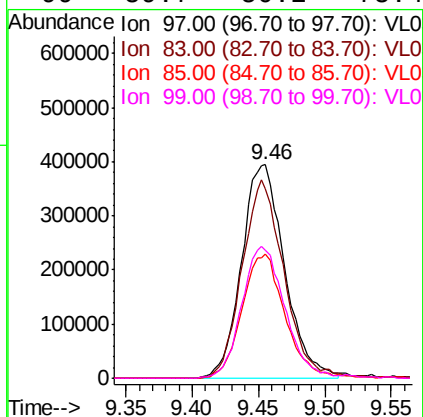
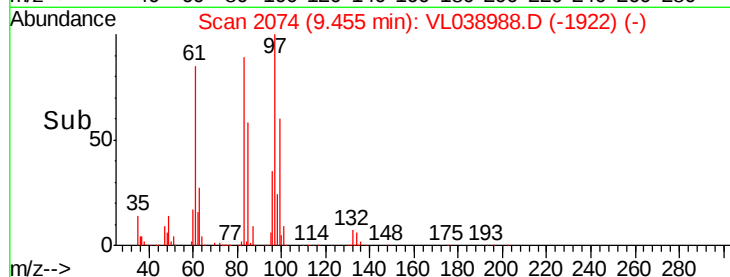
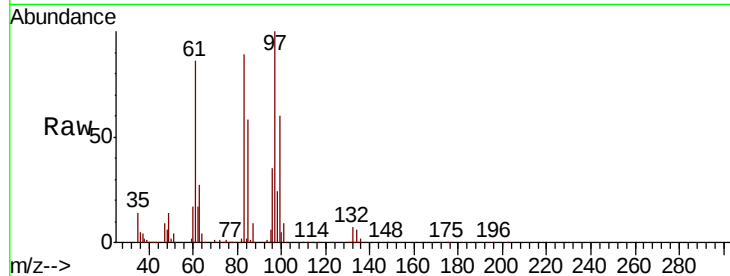


#47
 1,1,2-Trichloroethane
 Concen: 10.137 ppbv
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 58.
 99 59.7 50.2 75.4

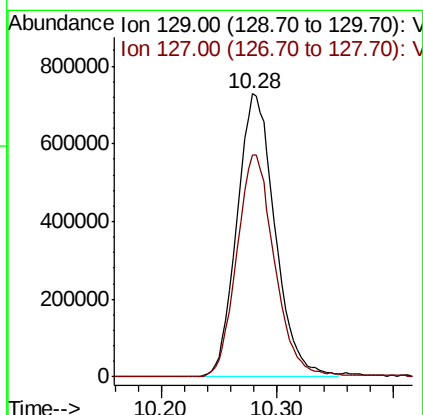
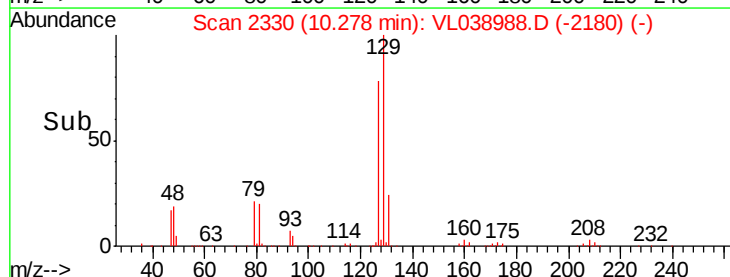
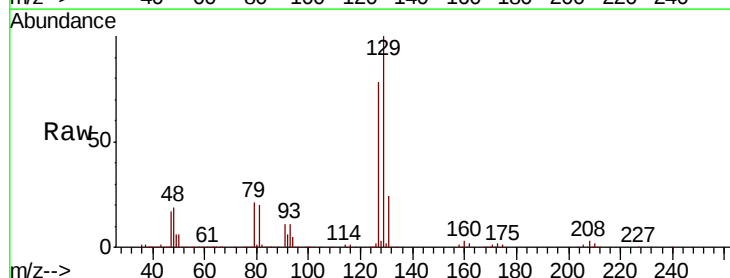
Manual Integrations
 APPROVED

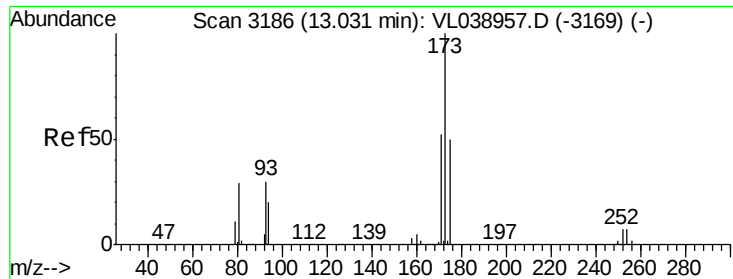
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#48
 Dibromochloromethane
 Concen: 11.667 ppbv
 RT: 10.28 min Scan# 2330
 Delta R.T. -0.02 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:129 Resp: 1662321
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.3 117.9





#49

Bromoform

Concen: 12.146 ppbv

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 May 2022 14:17

Tot Ion:1

Ion Rati

173 100

175 51.

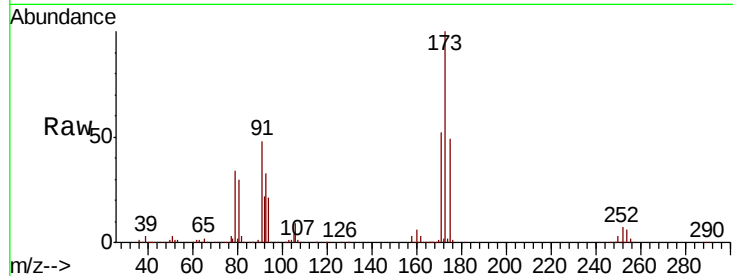
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

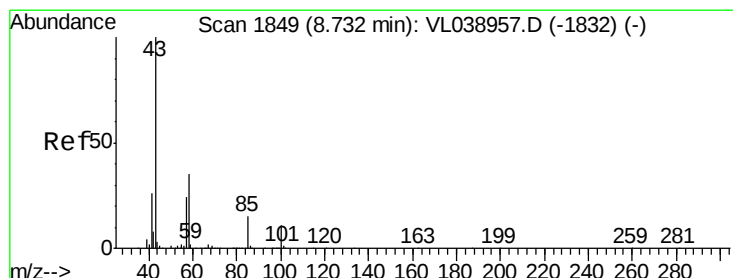
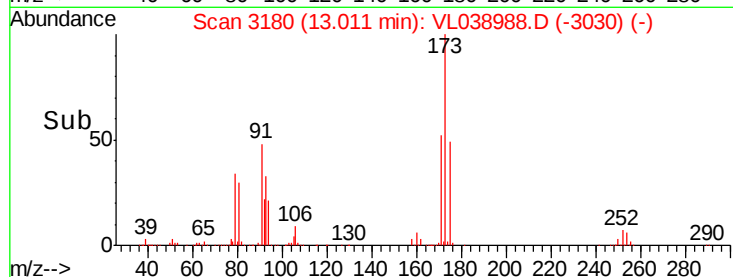
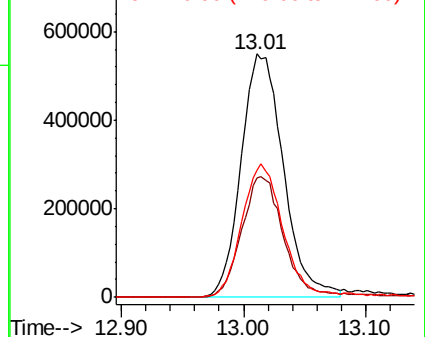
Supervised By :Mahesh Dadoda 05/11/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.724 ppbv

RT: 8.72 min Scan# 1844

Delta R.T. -0.02 min

Lab File: VL038988.D

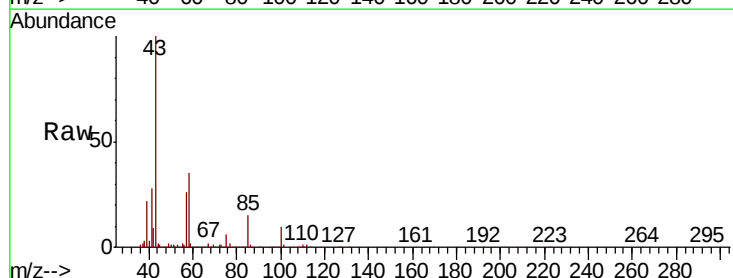
Acq: 9 May 2022 14:17

Tgt Ion: 43 Resp: 2425010

Ion Ratio Lower Upper

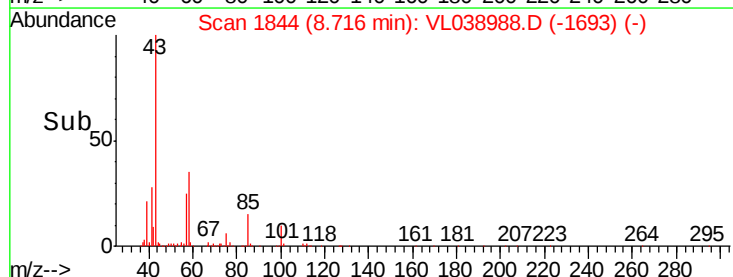
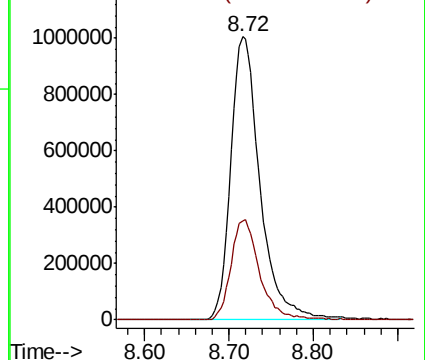
43 100

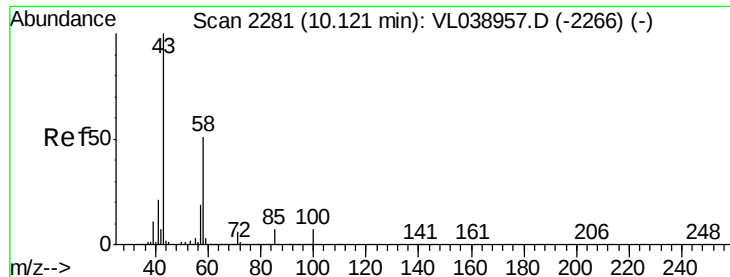
58 35.1 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



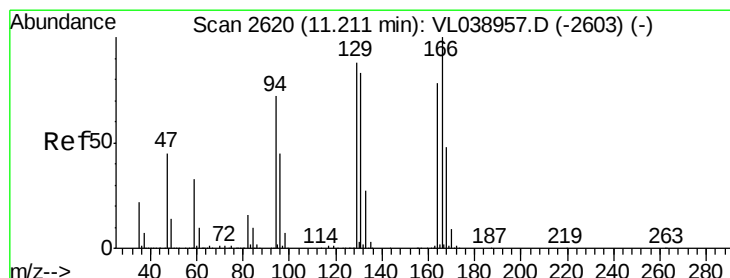
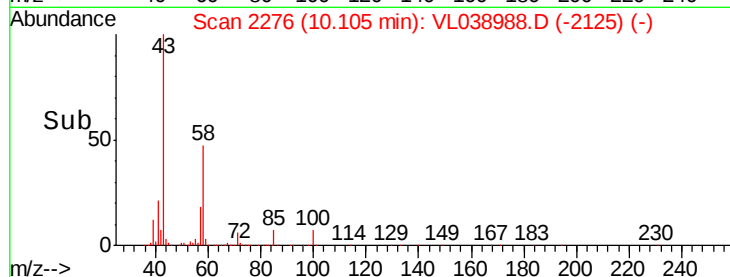
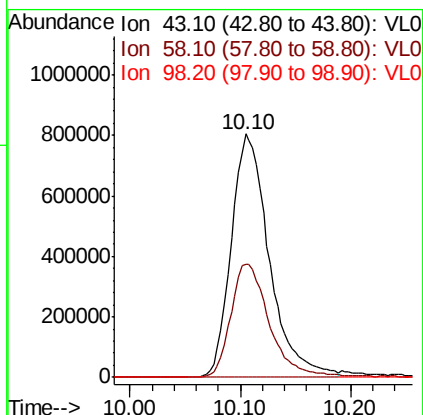
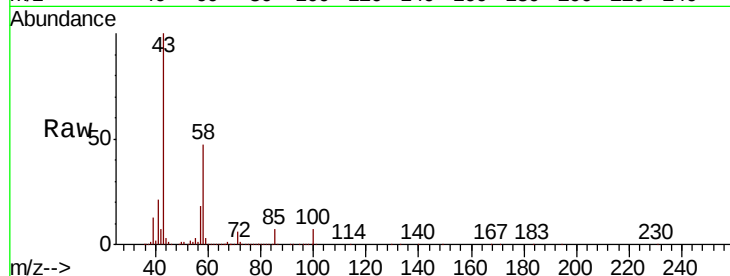


#51
2-Hexanone
Concen: 11.686 ppbv
RT: 10.10 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
43 100
58 48.
98 0.

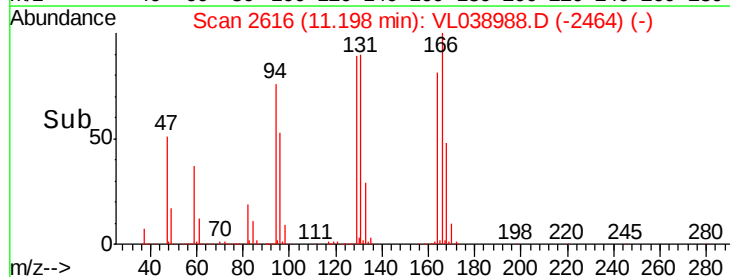
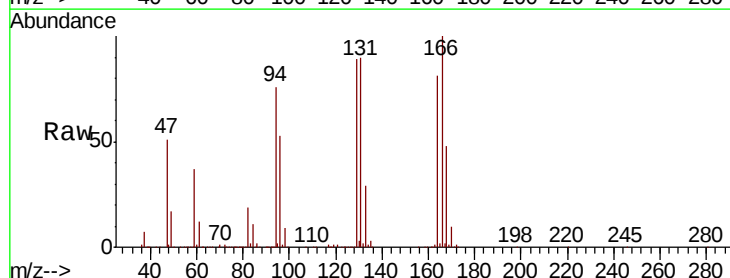
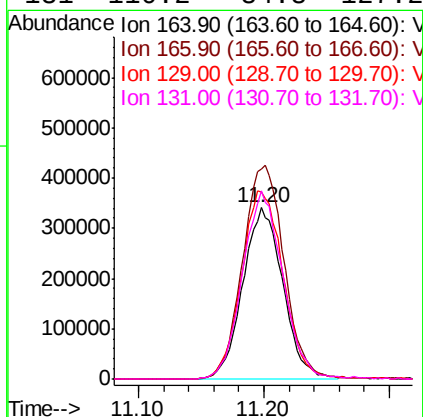
Manual Integrations
APPROVED

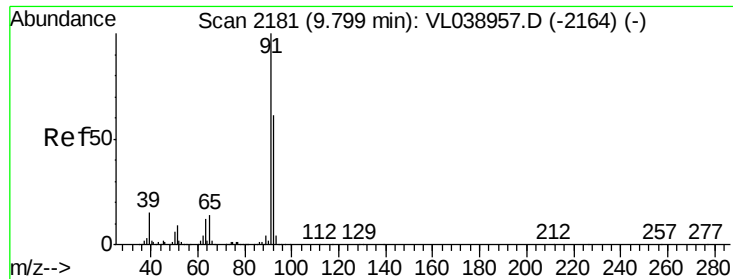
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#52
Tetrachloroethene
Concen: 9.745 ppbv
RT: 11.20 min Scan# 2616
Delta R.T.: -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:164 Resp: 753266
Ion Ratio Lower Upper
164 100
166 123.1 102.5 153.7
129 109.6 90.1 135.1
131 110.2 84.8 127.2



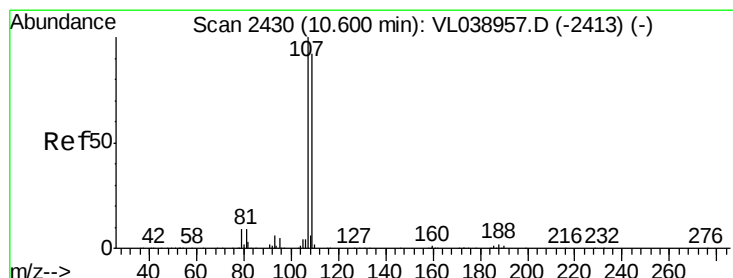
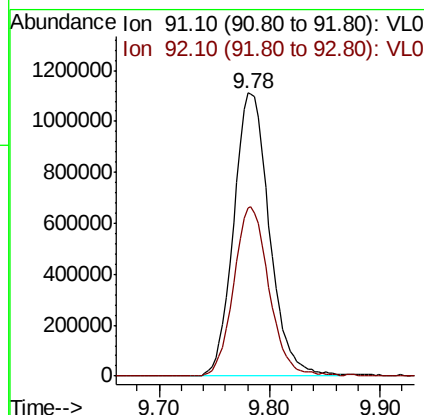
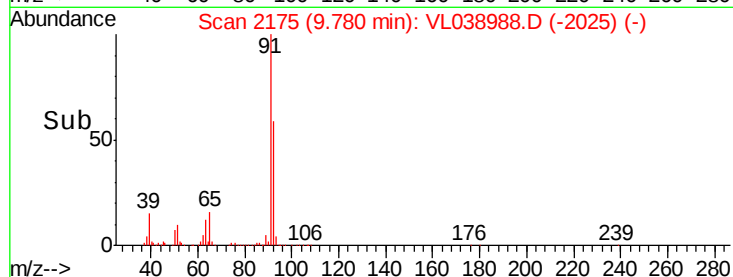
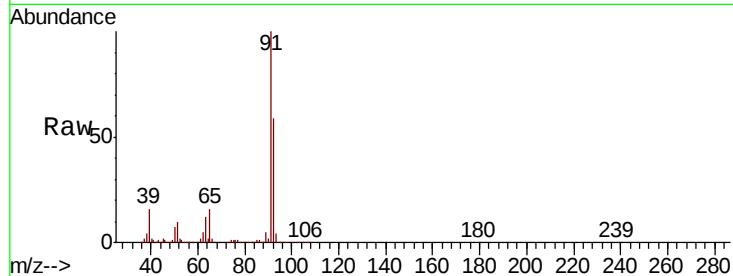


#53
Toluene
Concen: 10.309 ppbv
RT: 9.78
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 9 May 2022 14:17

Tot Ion:
Ion Ratio
91 100
92 59.

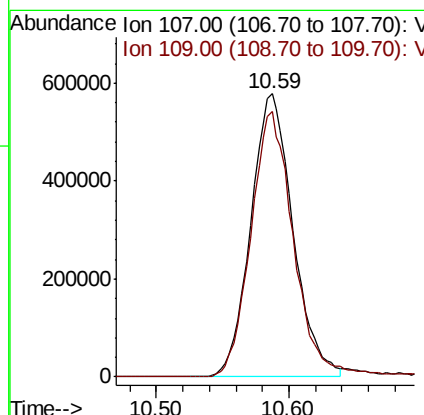
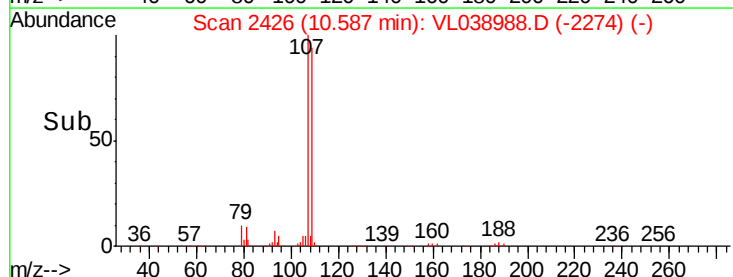
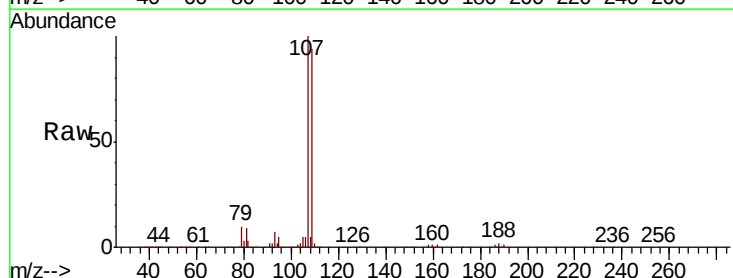
Manual Integrations
APPROVED

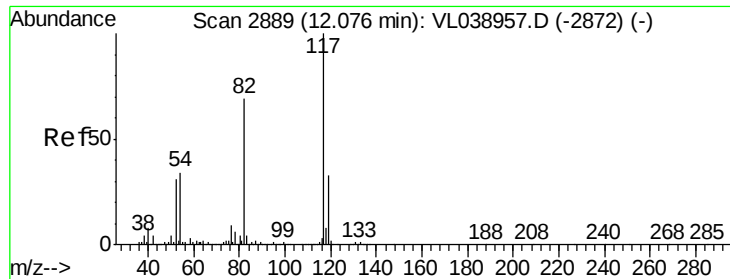
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#54
1,2-Dibromoethane
Concen: 10.749 ppbv
RT: 10.59 min Scan# 2426
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:107 Resp: 1280985
Ion Ratio Lower Upper
107 100
109 93.6 73.8 110.8



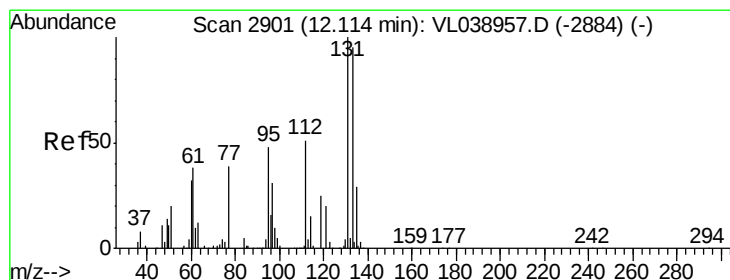
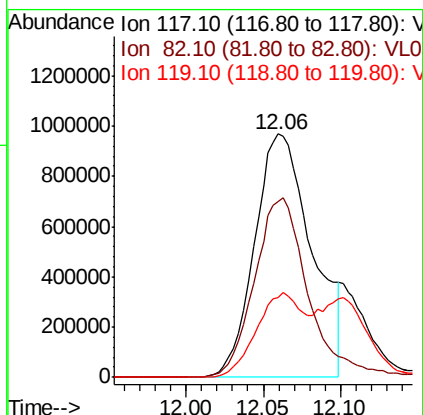
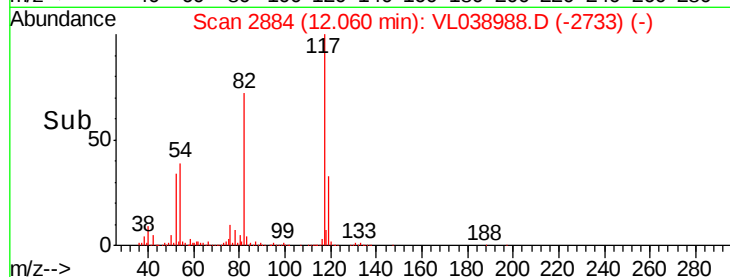
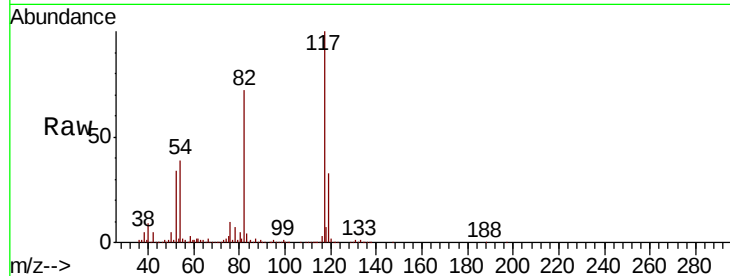


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010
Acq: 9 May 2022 14:17

Tot Ion:1
Ion Rati
117 100
82 71.
119 28.

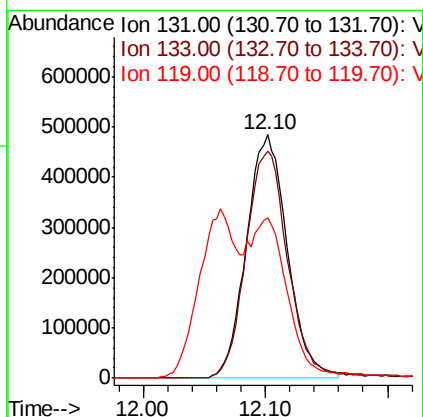
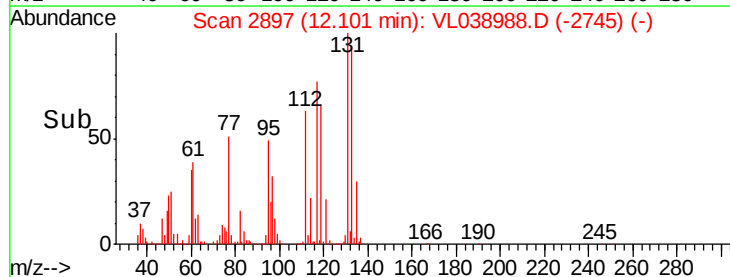
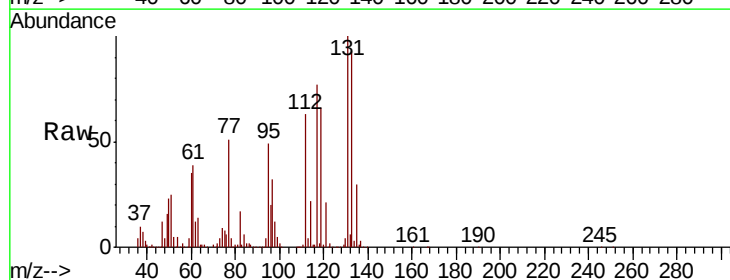
Manual Integrations
APPROVED

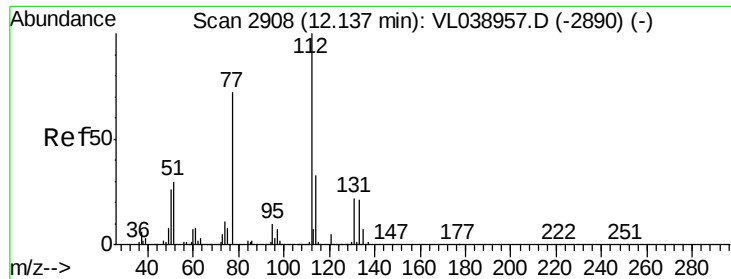
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.213 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:131 Resp: 1121399
Ion Ratio Lower Upper
131 100
133 97.5 76.9 115.3
119 61.0 47.4 71.0



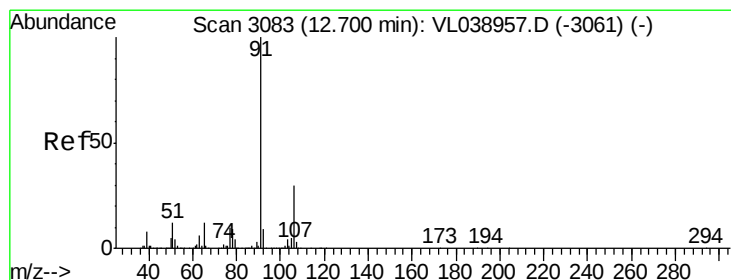
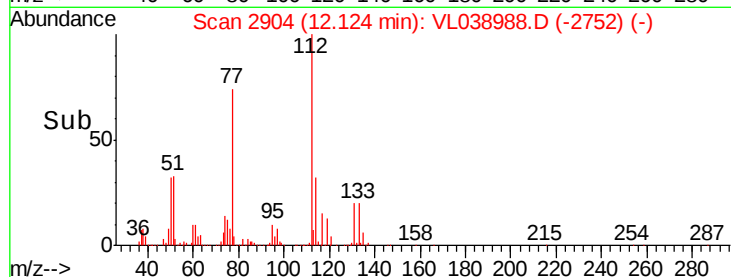
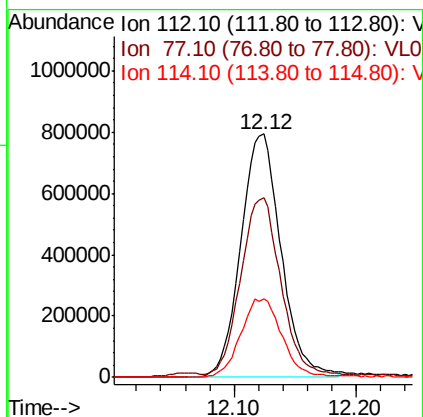
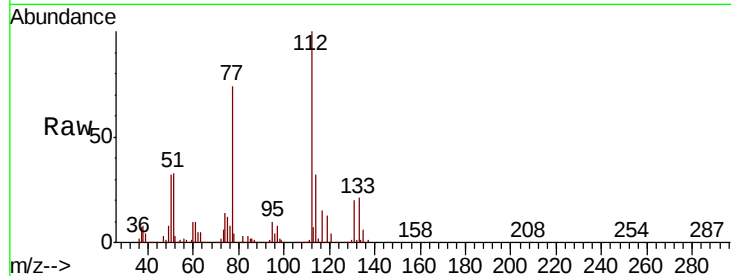


#57
Chlorobenzene
Concen: 9.616 ppbv
RT: 12.12 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion: 1
Ion Ratio
112 100
77 72.1
114 32.1

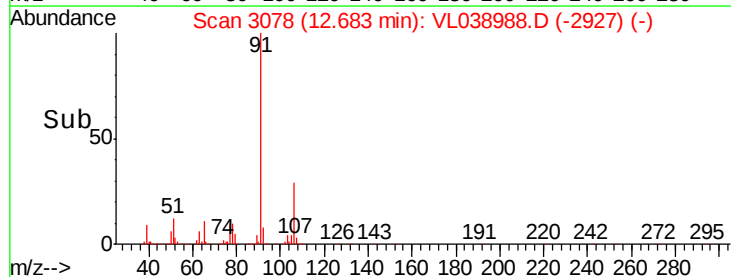
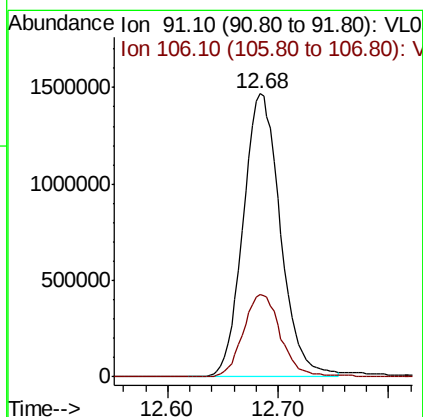
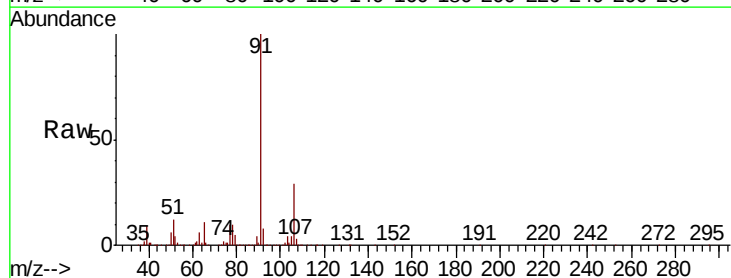
Manual Integrations
APPROVED

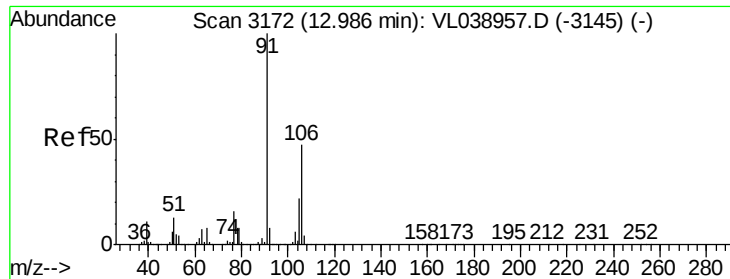
Reviewed By : Semsettin Yesilyurt 05/10/2022
Supervised By : Mahesh Dadoda 05/11/2022



#58
Ethyl Benzene
Concen: 9.556 ppbv
RT: 12.68 min Scan# 3078
Delta R.T.: -0.02 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 3441562
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.4



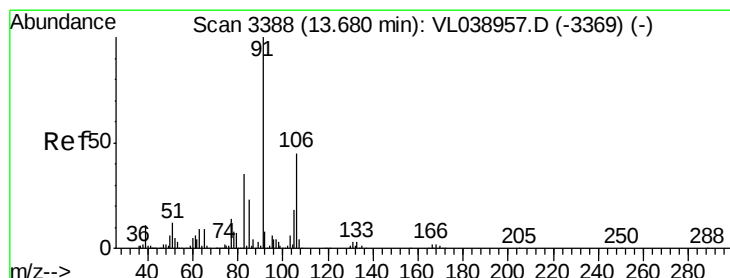
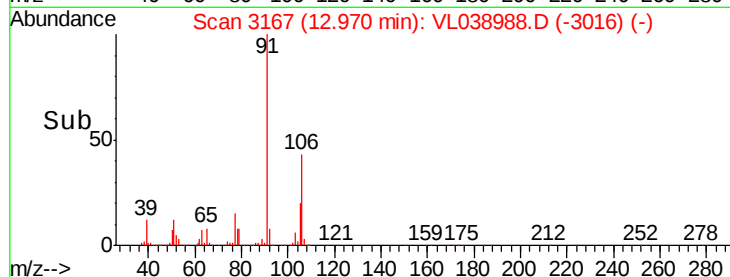
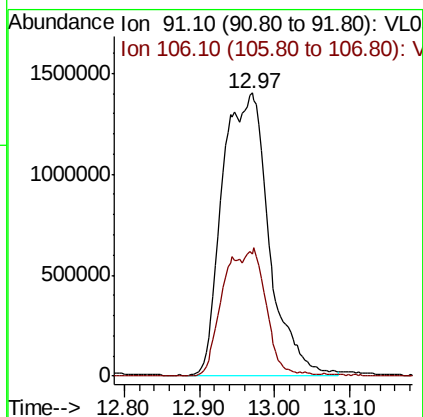
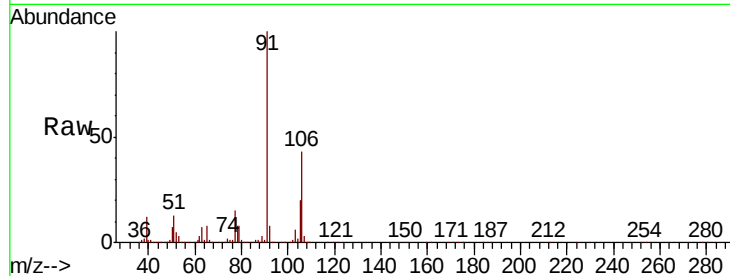


#59
m/p-Xylene
Concen: 19.771 ppbv m
RT: 12.97
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampled:
VSTDCCC010
Acq: 9 May 2022 14:17

Tot Ion:
Ion Rati
91 100
106 41.

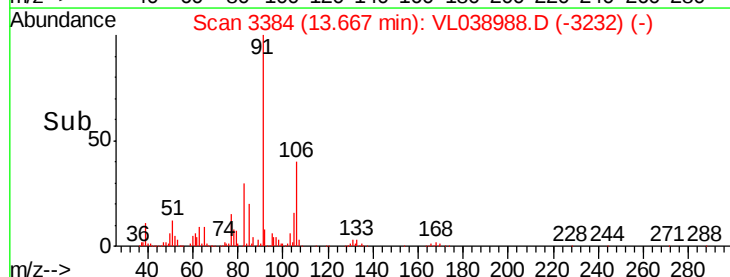
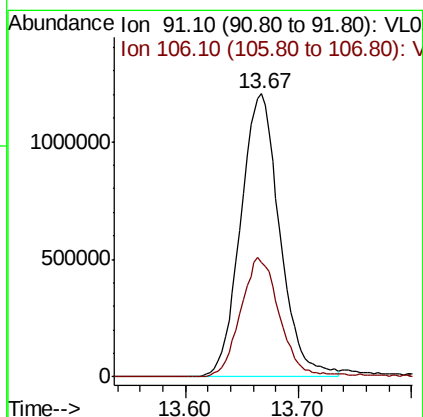
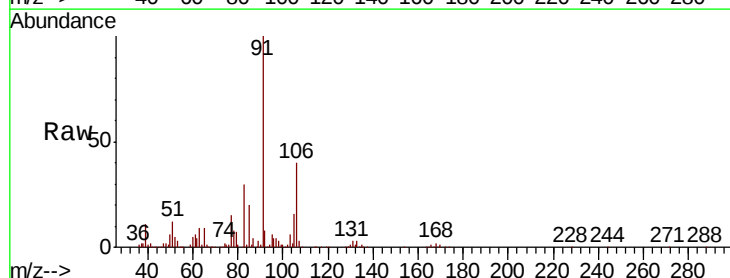
Manual Integrations
APPROVED

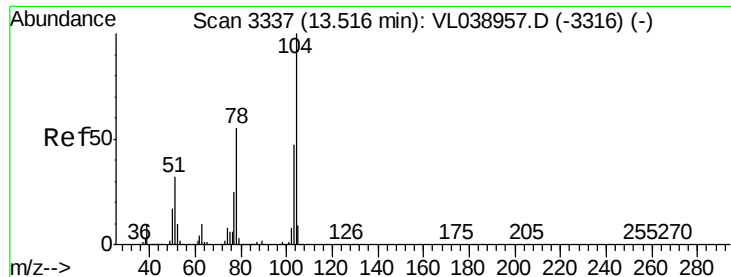
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
o-Xylene
Concen: 9.977 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 2887095
Ion Ratio Lower Upper
91 100
106 43.1 22.2 66.6



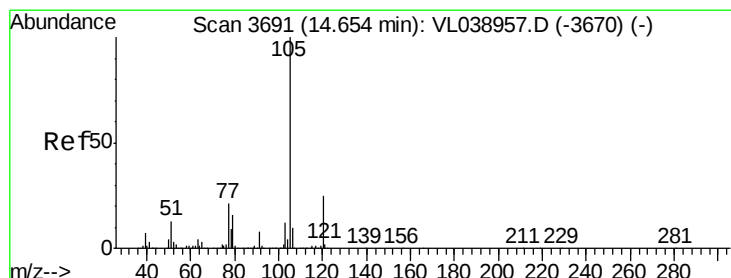
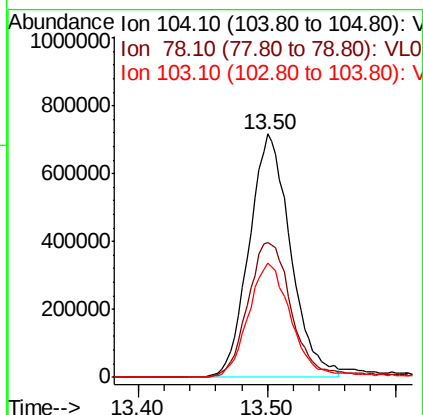
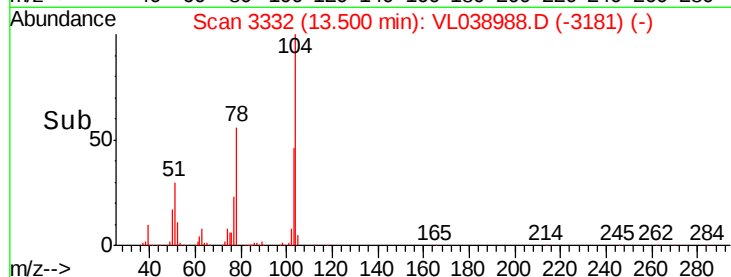
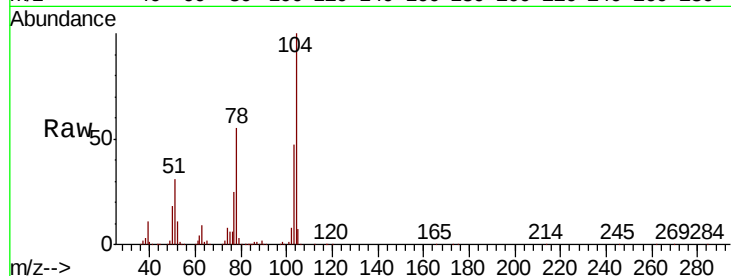


#61
Stvrene
Concen: 10.379 ppbv
RT: 13.50
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 9 May 2022 14:17

Tot Ion:1
Ion Rati
104 100
78 60.
103 49.

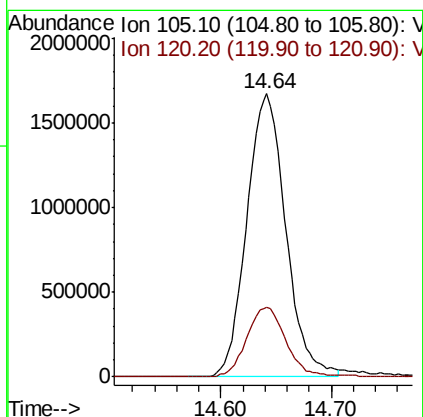
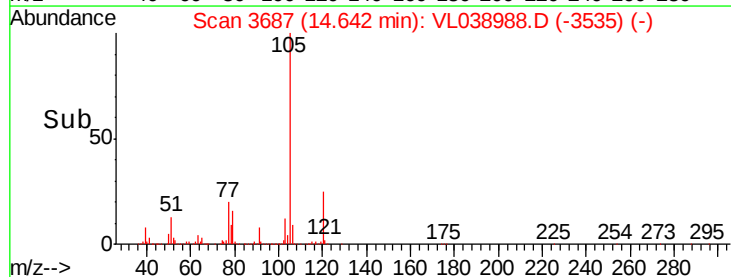
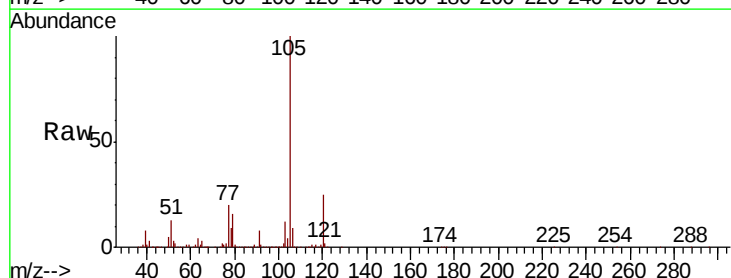
Manual Integrations
APPROVED

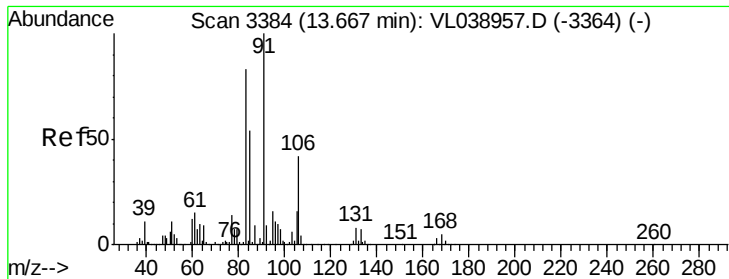
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#62
Isopropylbenzene
Concen: 9.684 ppbv
RT: 14.64 min Scan# 3687
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 4098103
Ion Ratio Lower Upper
105 100
120 25.1 20.5 30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 9.514 ppbv

RT: 13.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 May 2022 14:17

Tot Ion:

Ion Ratio

83 100

131 9.

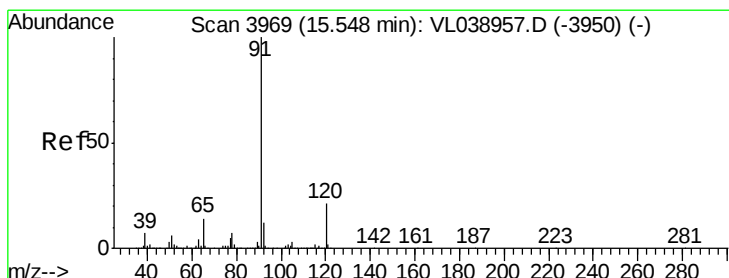
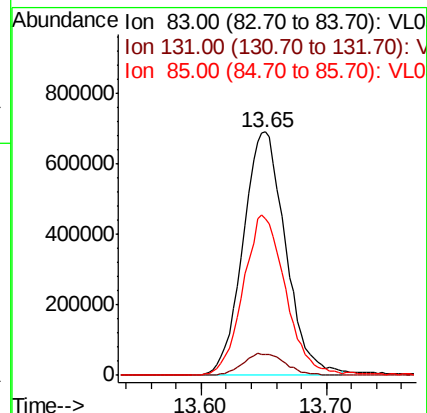
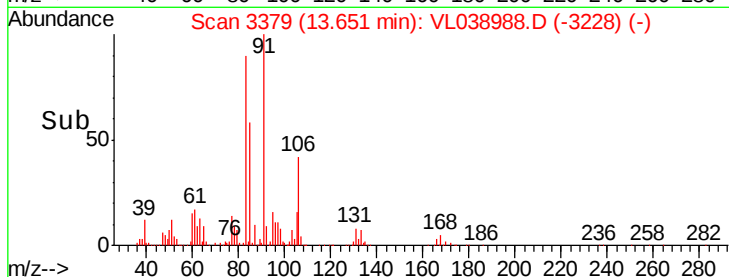
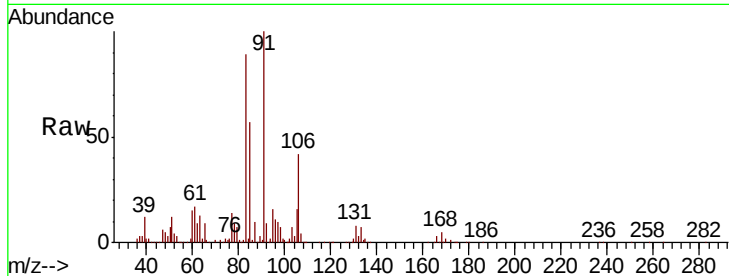
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#64

n-propylbenzene

Concen: 9.950 ppbv

RT: 15.54 min Scan# 3965

Delta R.T. -0.01 min

Lab File: VL038988.D

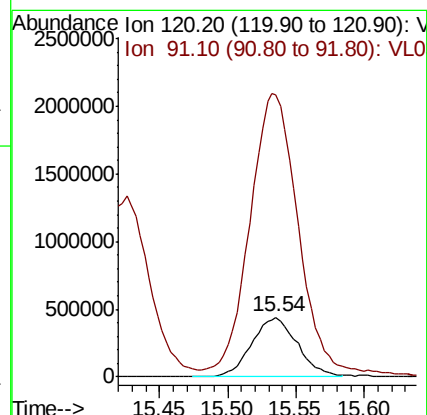
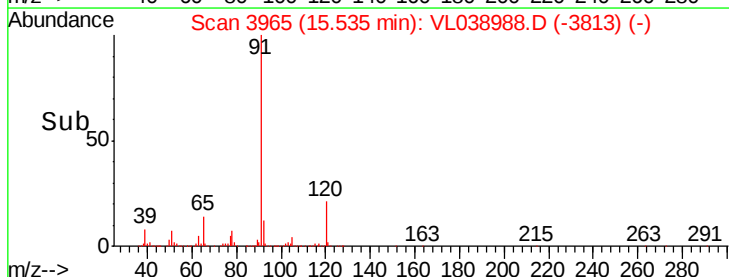
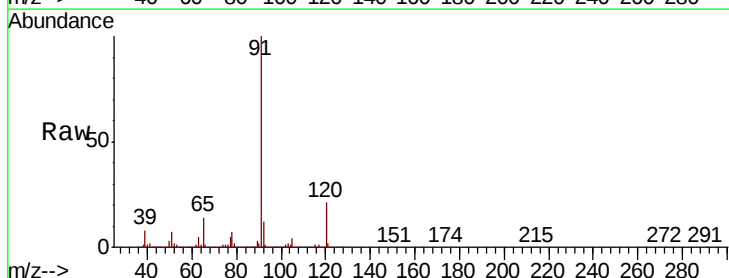
Acq: 9 May 2022 14:17

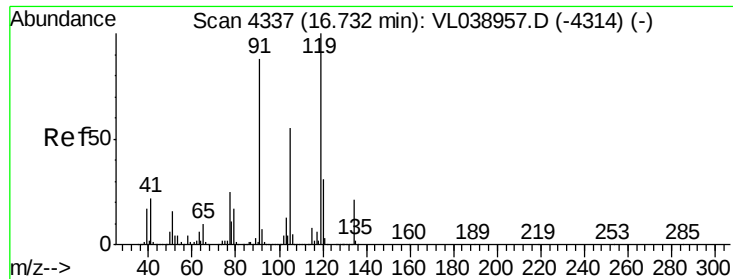
Tgt Ion:120 Resp: 1017975

Ion Ratio Lower Upper

120 100

91 516.0 400.6 601.0



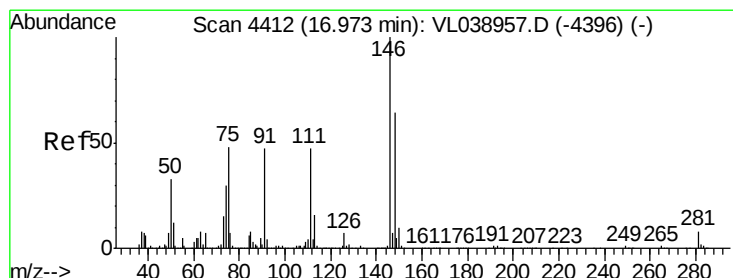
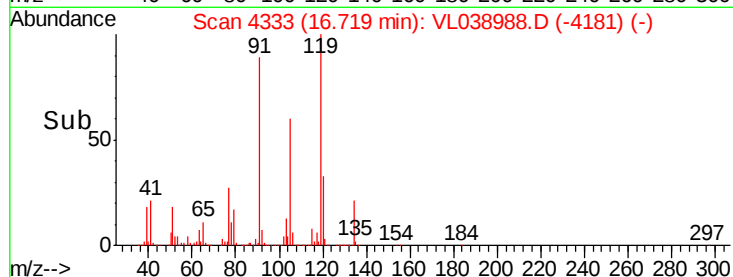
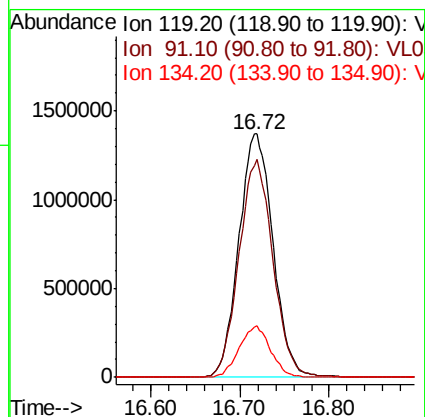
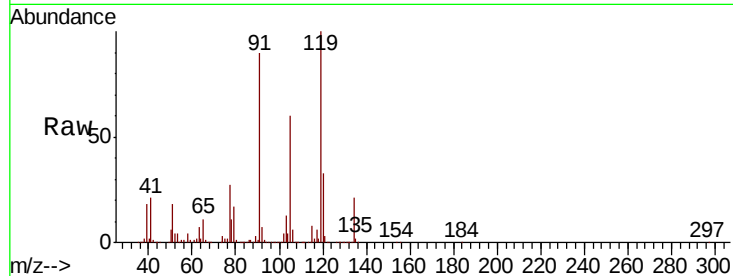


#65
tert-Butylbenzene
Concen: 9.848 ppbv
RT: 16.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 9 May 2022 14:17

Tot Ion: 1
Ion Ratio
119 100
91 89.
134 19.

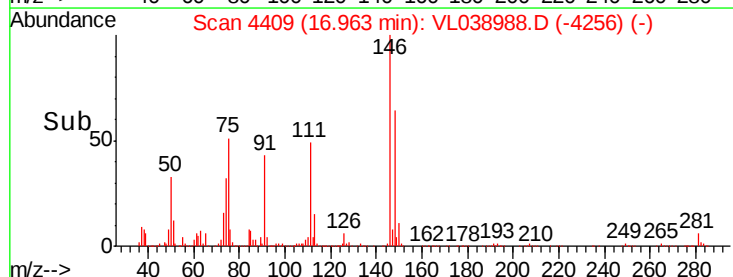
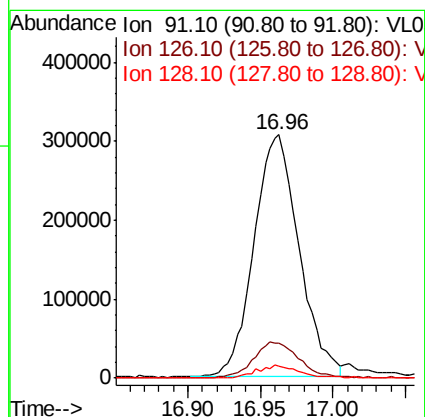
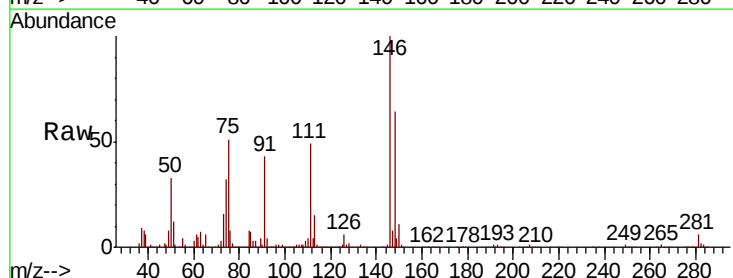
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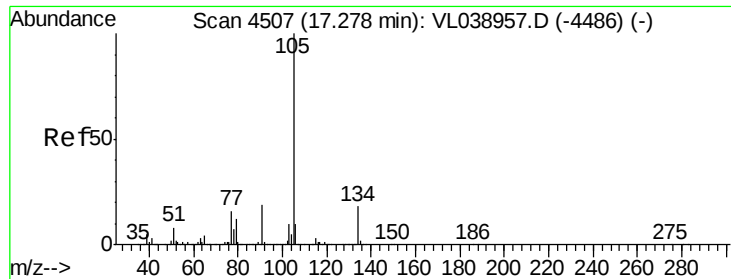
Reviewed By : Semsettin Yesilyurt 05/10/2022
Supervised By : Mahesh Dadoda 05/11/2022



#66
Benzyl Chloride
Concen: 13.677 ppbv
RT: 16.96 min Scan# 4409
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 662869
Ion Ratio Lower Upper
91 100
126 15.5 11.8 17.6
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 9.853 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 May 2022 14:17

Tot Ion:1

Ion Rati

105 100

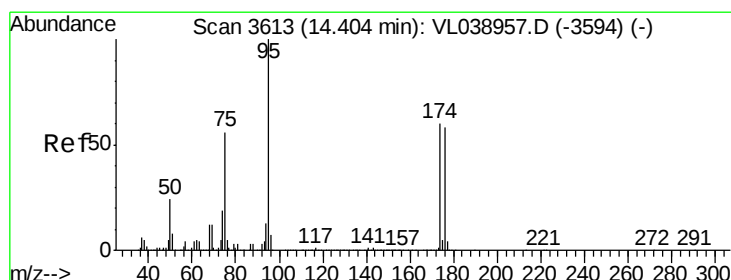
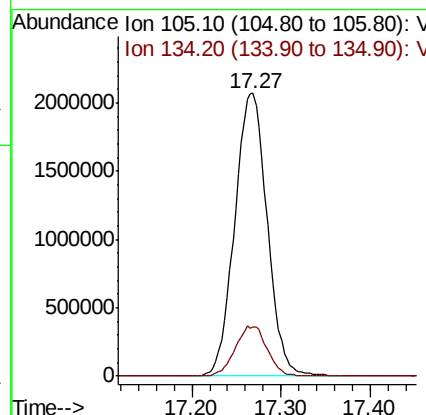
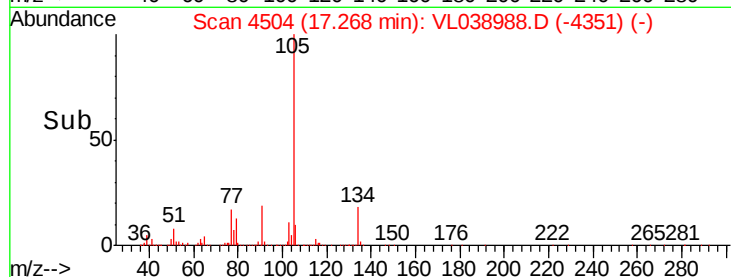
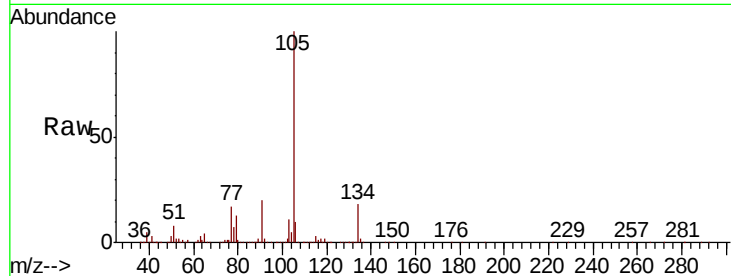
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.166 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.02 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

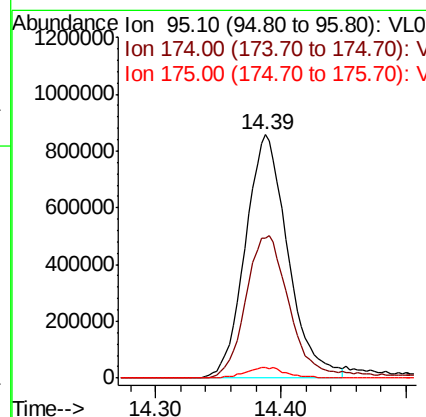
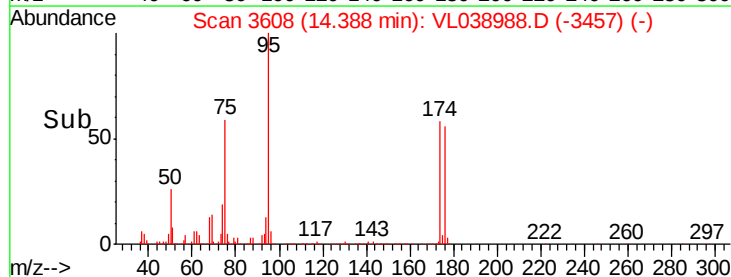
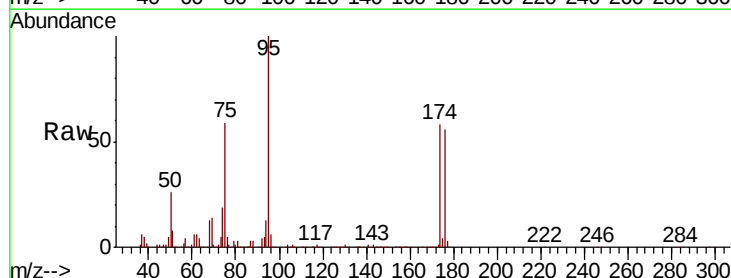
Tgt Ion: 95 Resp: 2014900

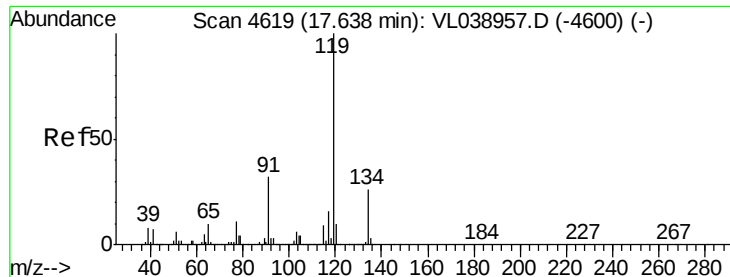
Ion Ratio Lower Upper

95 100

174 62.6 50.8 76.2

175 4.6 3.8 5.6



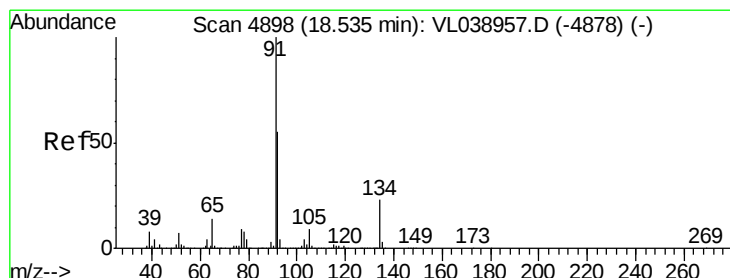
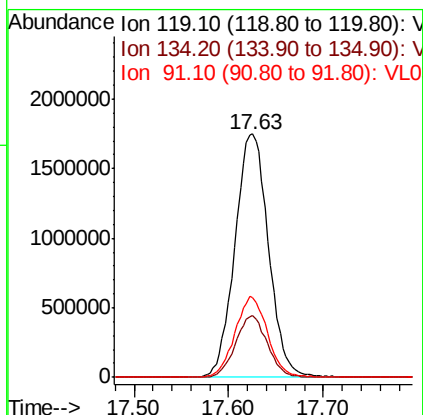
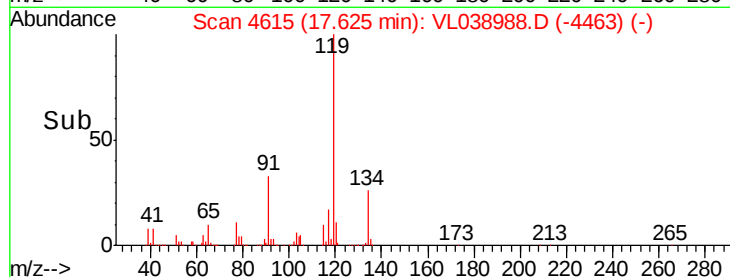
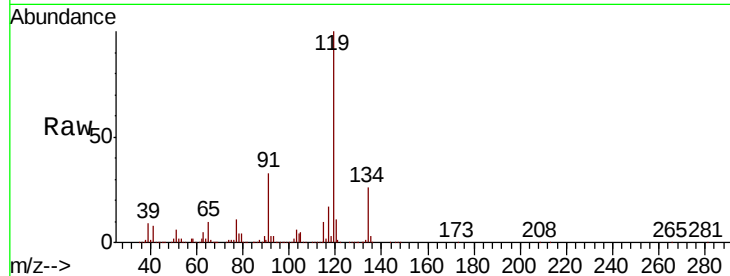


#69
 p-Isopropyltoluene
 Concen: 10.068 ppbv
 RT: 17.63 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion: 1
 Ion Ratio
 119 100
 134 24.1
 91 32.1

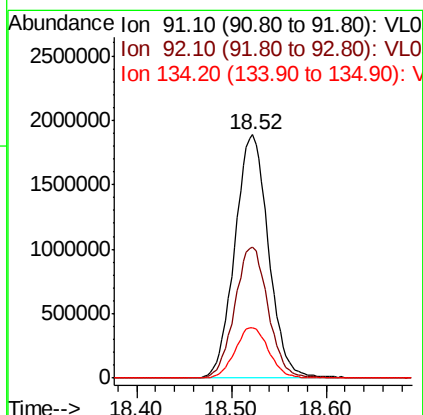
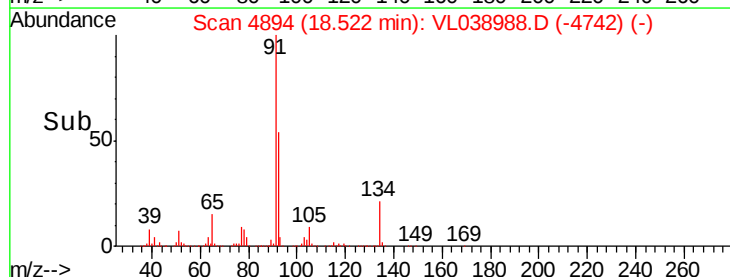
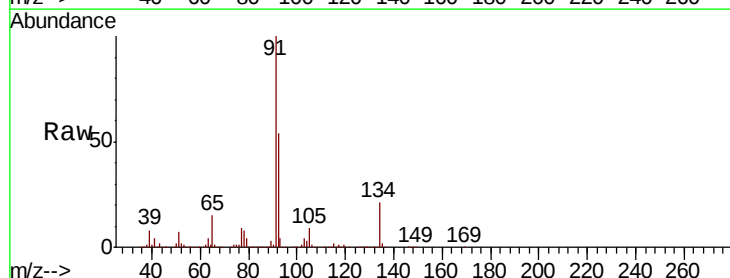
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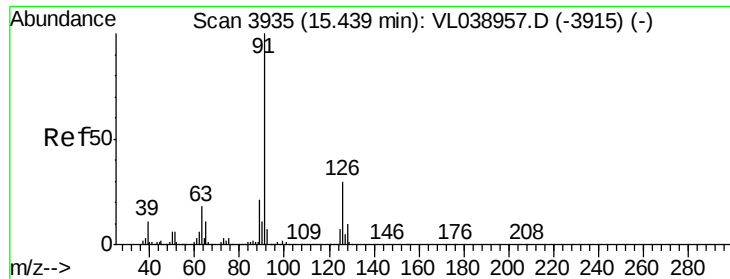
Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022



#70
 n-Butylbenzene
 Concen: 10.287 ppbv
 RT: 18.52 min Scan# 4894
 Delta R.T.: -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion: 91 Resp: 4677093
 Ion Ratio Lower Upper
 91 100
 92 53.5 43.1 64.7
 134 20.9 17.0 25.4



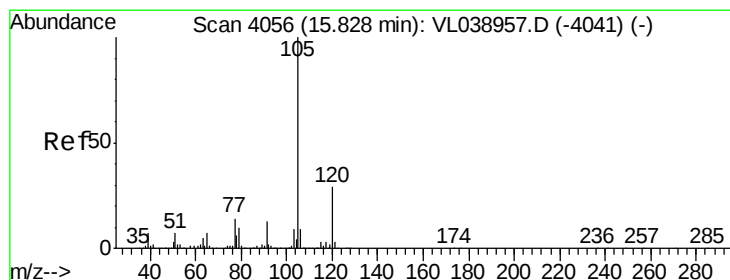
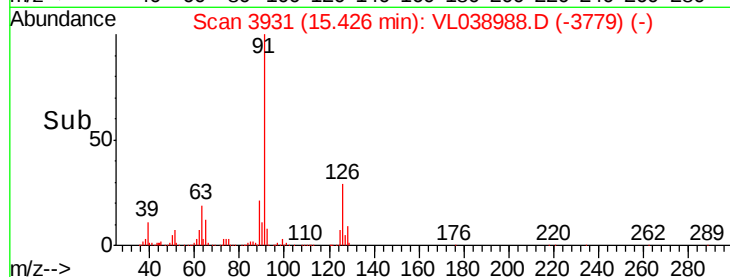
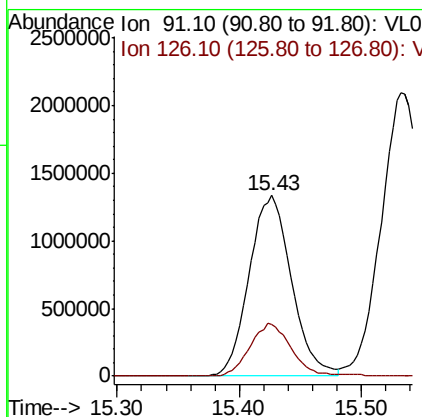
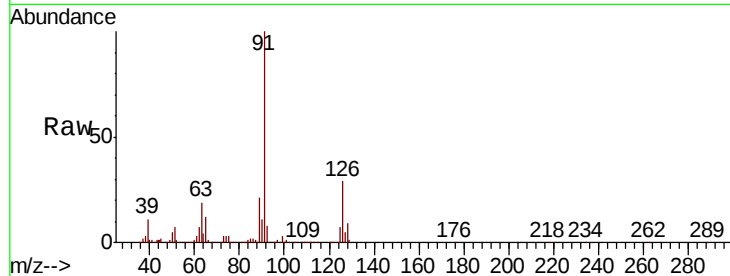


#71
 2-Chlorotoluene
 Concen: 9.837 ppbv
 RT: 15.43 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:
 Ion Ratio
 91 100
 126 29.

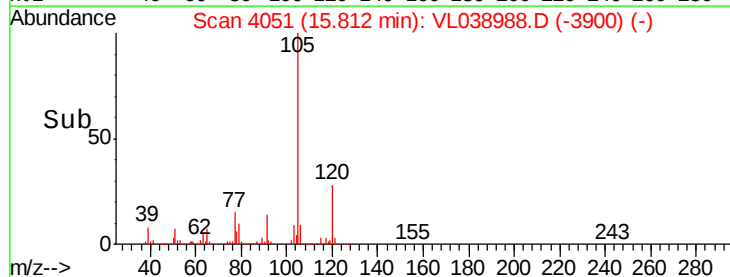
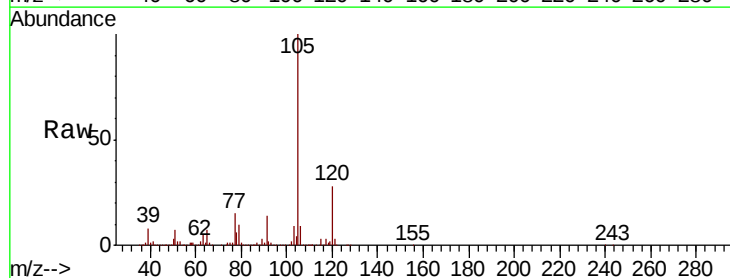
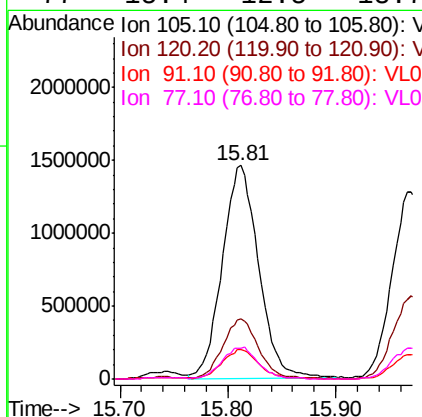
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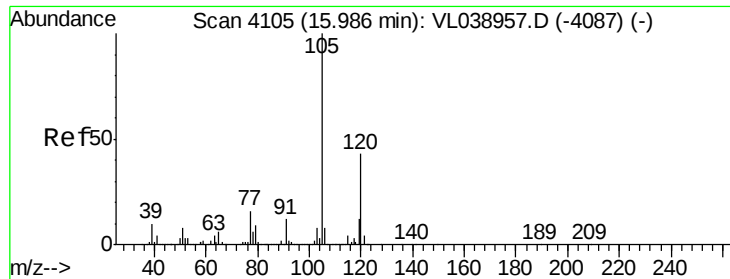
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#72
 4-Ethyltoluene
 Concen: 10.357 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. -0.02 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 3415175
 Ion Ratio Lower Upper
 105 100
 120 28.2 23.4 35.0
 91 13.7 10.6 16.0
 77 15.4 12.5 18.7





#73

1,3,5-Trimethylbenzene

Concen: 10.219 ppbv

RT: 15.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010

Acq: 9 May 2022 14:17

Tot Ion:1

Ion Rati

105 100

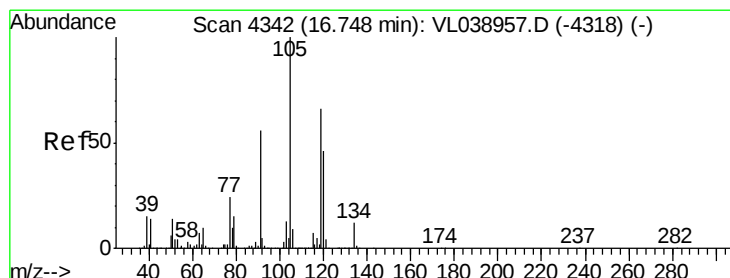
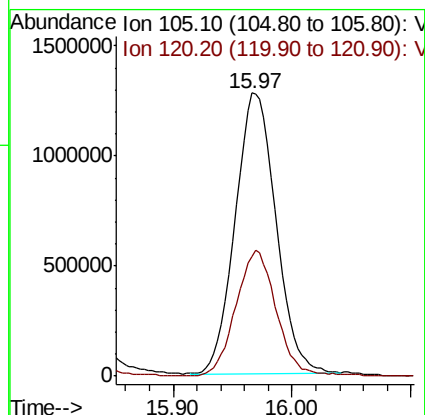
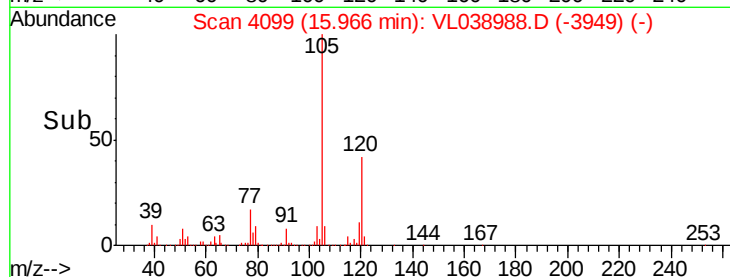
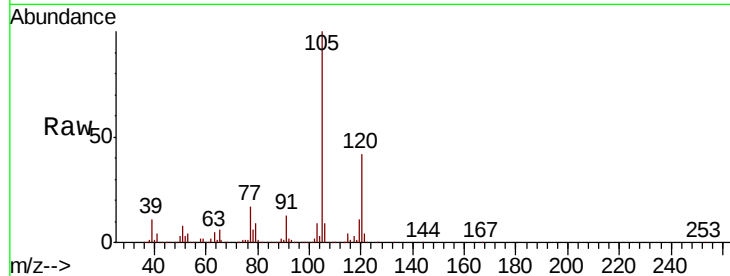
120 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022

Supervised By :Mahesh Dadoda 05/11/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.204 ppbv

RT: 16.73 min Scan# 4338

Delta R.T. -0.01 min

Lab File: VL038988.D

Acq: 9 May 2022 14:17

Tgt Ion:105 Resp: 3316755

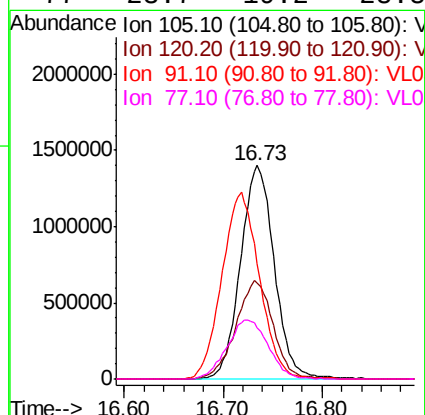
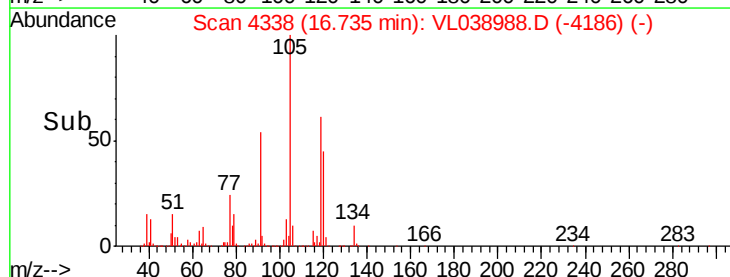
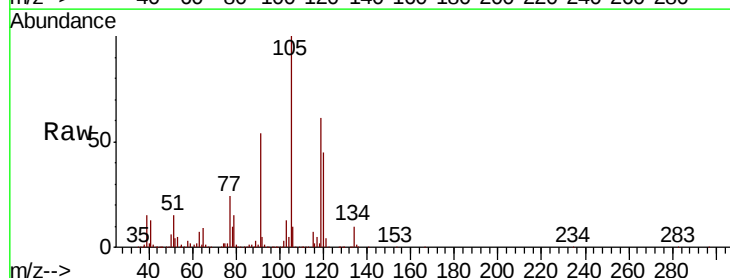
Ion Ratio Lower Upper

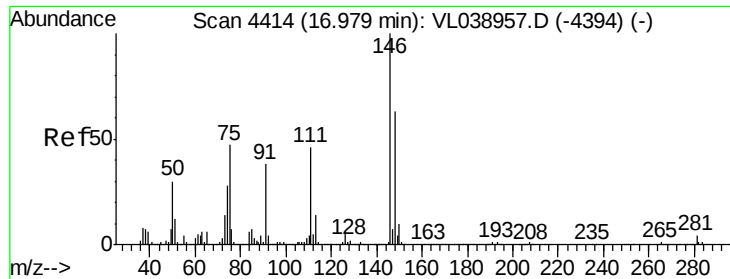
105 100

120 45.0 36.9 55.3

91 53.5 45.0 67.4

77 23.7 19.2 28.8



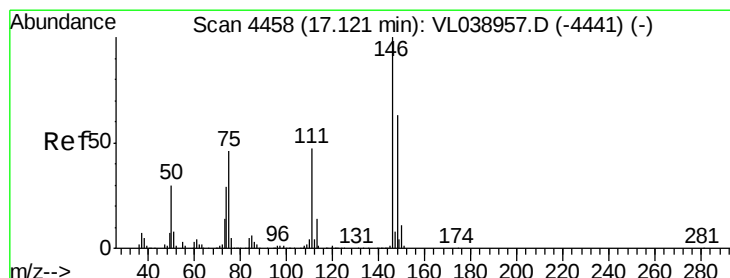
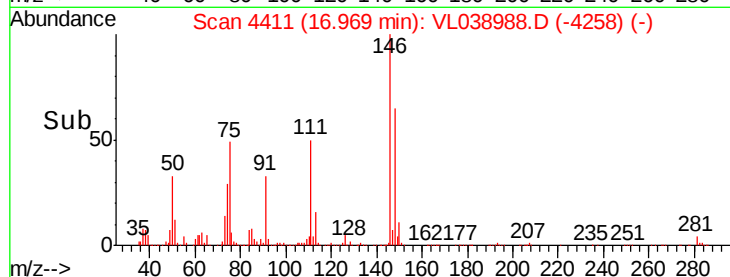
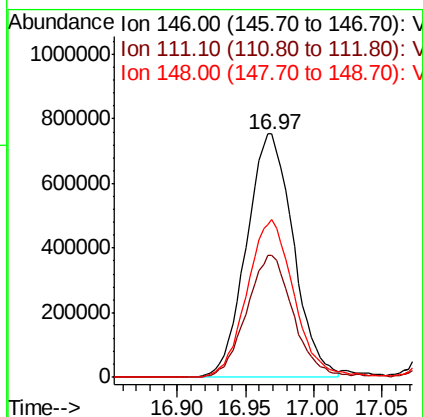
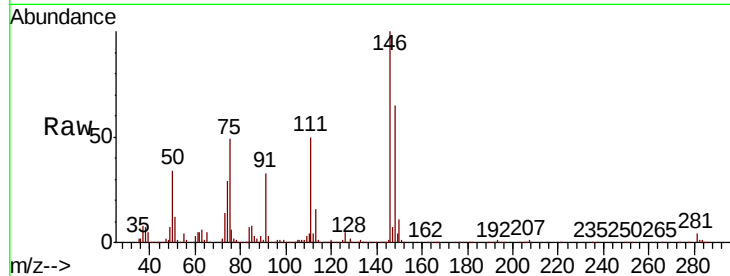


#75
 1,3-Dichlorobenzene
 Concen: 10.062 ppbv
 RT: 16.97 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 65.

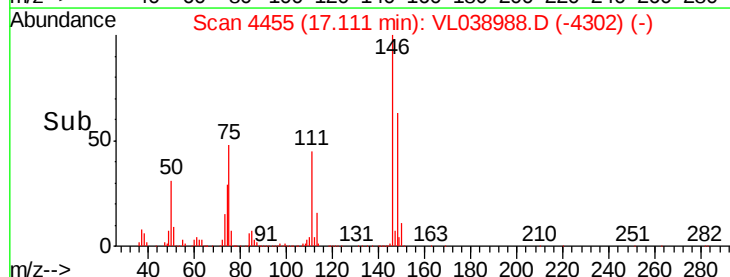
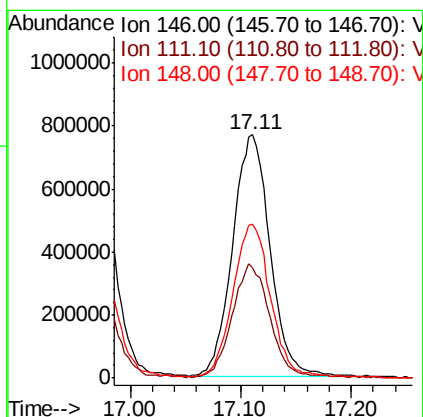
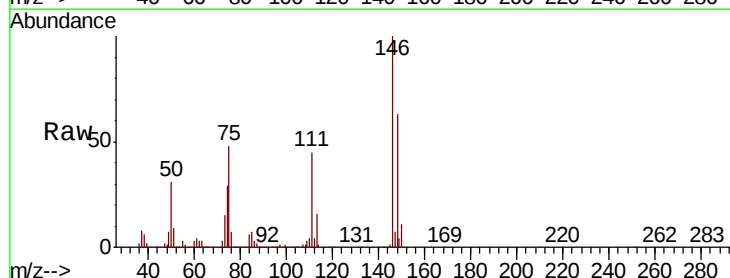
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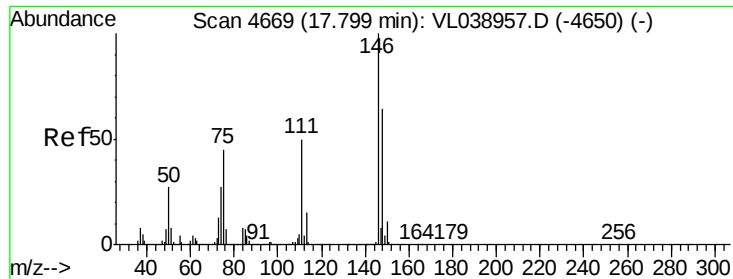
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.317 ppbv
 RT: 17.11 min Scan# 4455
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:146 Resp: 1807529
 Ion Ratio Lower Upper
 146 100
 111 47.9 23.6 71.0
 148 64.5 32.2 96.6



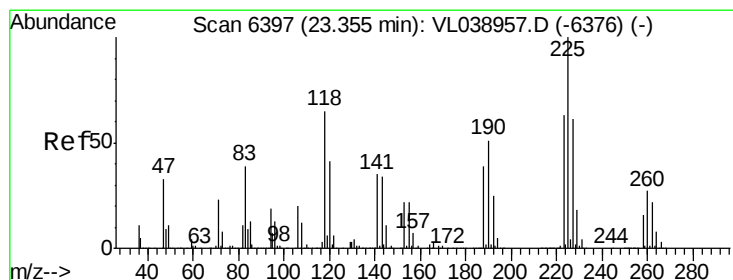
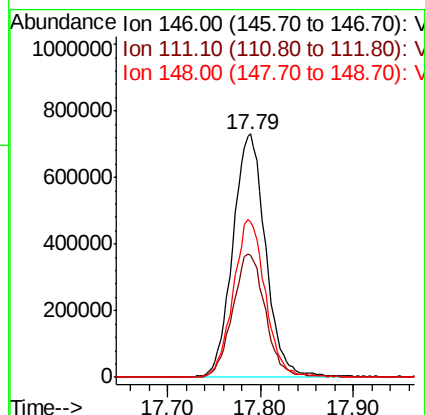
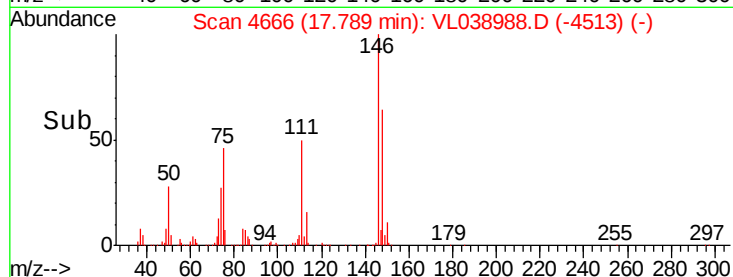
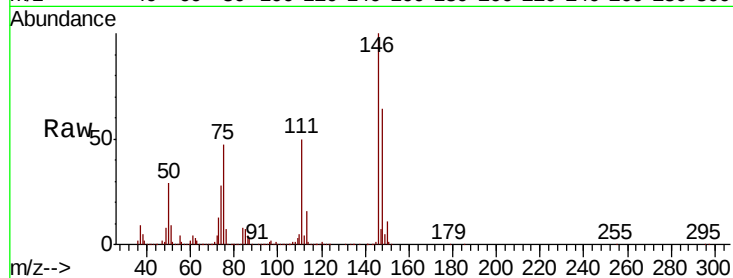


#77
 1,2-Dichlorobenzene
 Concen: 10.119 ppbv
 RT: 17.79 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14:17

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

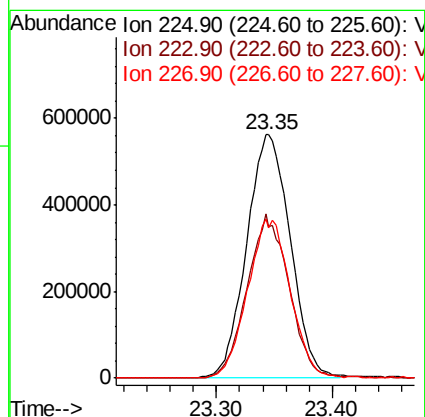
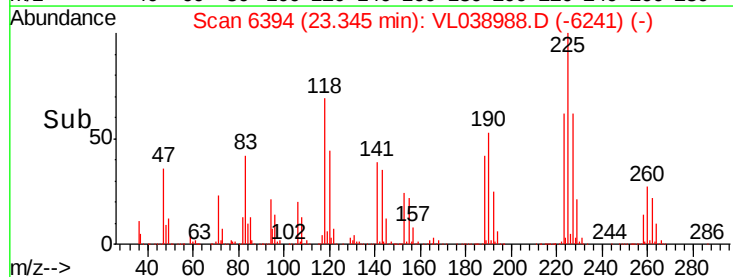
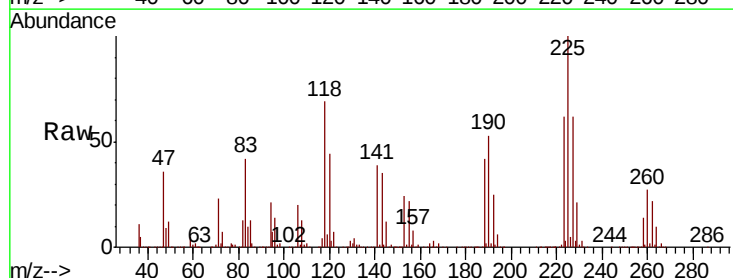
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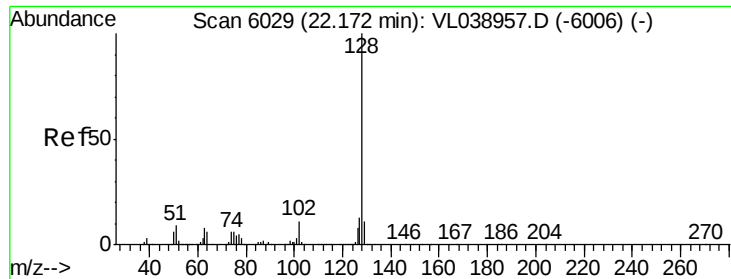
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.090 ppbv
 RT: 23.35 min Scan# 6394
 Delta R.T. -0.01 min
 Lab File: VL038988.D
 Acq: 9 May 2022 14:17

Tgt Ion:225 Resp: 1471480
 Ion Ratio Lower Upper
 225 100
 223 64.9 51.4 77.0
 227 64.4 51.4 77.0



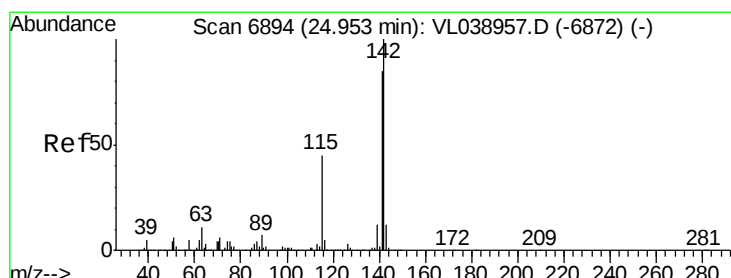
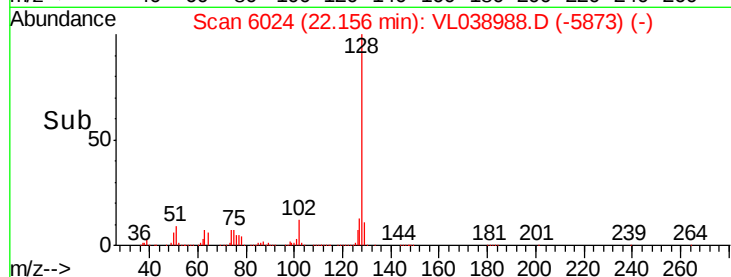
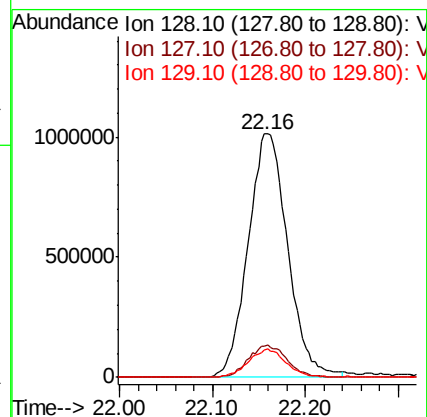
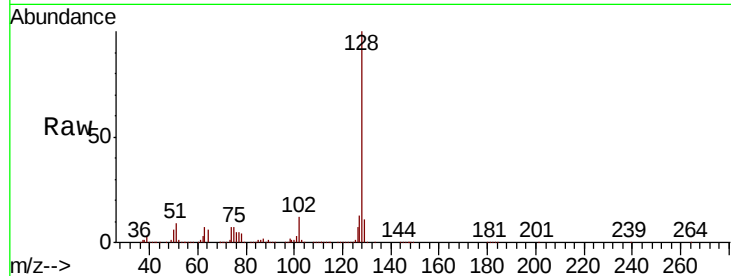


#79
Naphthalene
Concen: 11.409 ppbv
RT: 22.16 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 14:17

Tot Ion:1
Ion Rati
128 100
127 13.
129 11.

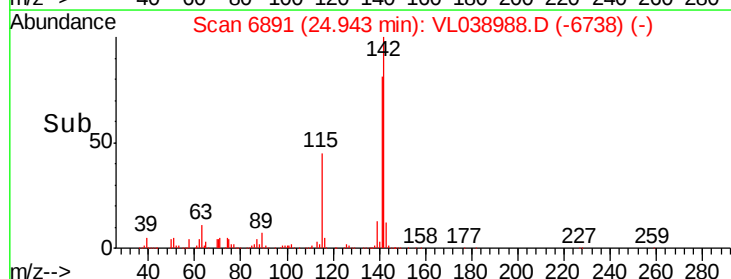
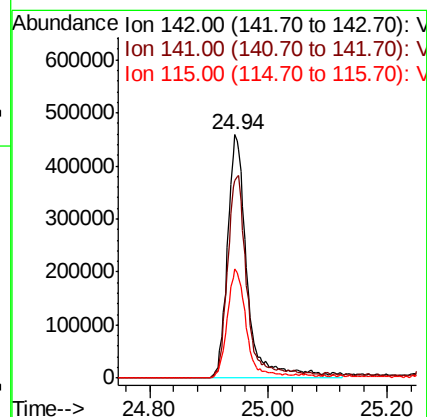
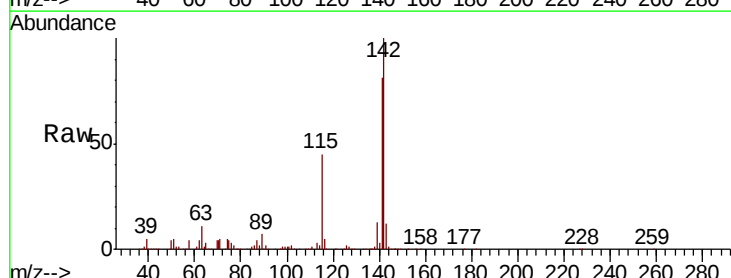
Manual Integrations
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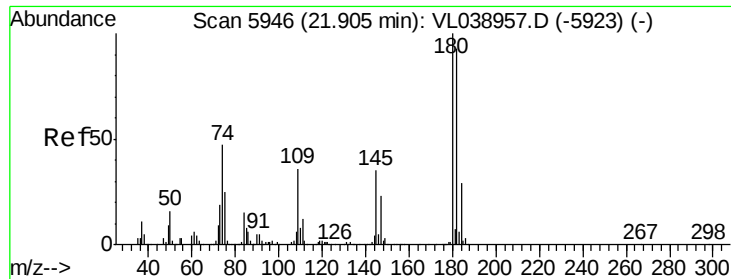
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#80
Naphthalene, 2-methyl-
Concen: 13.243 ppbv
RT: 24.94 min Scan# 6891
Delta R.T. -0.01 min
Lab File: VL038988.D
Acq: 9 May 2022 14:17

Tgt Ion:142 Resp: 1057756
Ion Ratio Lower Upper
142 100
141 85.7 70.8 106.2
115 43.2 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.313 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 9 May 2022 14.17

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

