

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038255.D
 Acq On : 24 Jan 2022 10:45
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Quant Time: Jan 24 11:24:41 2022

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

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

QLast Update : Mon Jan 24 11:15:25 2022

Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	839800	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2253915	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2012260	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1513997	9.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	201851	1.276 ppbv	97
3) Chlorodifluoromethane	3.00	51	173404	0.983 ppbv	99
4) Chloromethane	3.15	50	60780	0.993 ppbv	92
5) Vinyl Chloride	3.27	62	57574	0.936 ppbv	99
6) Bromomethane	3.48	94	31627	1.009 ppbv	90
7) Chloroethane	3.57	64	18479	0.892 ppbv #	79
8) Dichlorotetrafluoroethane	3.20	85	135239	0.901 ppbv	94
9) Propene	3.02	41	53105	0.867 ppbv	91
10) Heptane	8.13	43	139155	0.895 ppbv	97
11) Trichlorofluoromethane	3.96	101	146112	1.005 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.49	101	106790	0.973 ppbv	96
13) Ethanol	3.63	45	5811m	0.559 ppbv	
14) Bromoethene	3.75	108	42345	0.968 ppbv	99
15) Acetone	3.87	43	80265	0.952 ppbv	96
16) 1,3-Butadiene	3.34	39	55330m	0.964 ppbv	
17) tert-Butyl alcohol	4.31	59	83940m	0.907 ppbv	
18) 1,1-Dichloroethene	4.29	96	47938	0.997 ppbv	99
19) Isopropyl Alcohol	4.00	45	50541m	0.961 ppbv	
20) Methylene Chloride	4.35	84	47200m	0.992 ppbv	
21) Allyl Chloride	4.42	41	62971	0.883 ppbv	88
22) trans-1,2-Dichloroethene	4.89	96	48386m	0.987 ppbv	
23) Vinyl Acetate	5.08	43	100723	0.883 ppbv #	97
24) 1,1-Dichloroethane	5.02	63	100097	0.981 ppbv	97
25) Ethyl Acetate	5.69	43	218750	0.958 ppbv	98
26) Hexane	5.69	57	97443	0.851 ppbv	94
27) Carbon Disulfide	4.56	76	111650	1.107 ppbv	97
28) Methyl tert-Butyl Ether	5.05	73	99100	0.861 ppbv	94
29) Chloroform	5.75	83	165528	0.974 ppbv	100
30) Cyclohexane	7.14	84	88477m	0.872 ppbv	
31) cis-1,2-Dichloroethene	5.56	61	82408	0.917 ppbv	93
32) 1,1,1-Trichloroethane	6.52	97	156458	0.928 ppbv	96
34) 2-Butanone	5.26	43	68364	1.009 ppbv	92
35) Carbon Tetrachloride	7.02	117	162804	1.170 ppbv	95
36) Benzene	6.89	78	211541	1.006 ppbv	97
37) 1,2-Dichloroethane	6.31	62	117005	1.109 ppbv	99
38) Trichloroethene	7.84	130	75059	0.938 ppbv	97
39) 1,2-Dichloropropane	7.62	63	84066	1.039 ppbv	99
40) 1,4-Dioxane	7.87	88	22517m	0.957 ppbv	
41) Tetrahydrofuran	6.07	42	52438m	1.057 ppbv	
42) Bromodichloromethane	7.79	83	174709	1.164 ppbv	99
43) Methyl Methacrylate	8.02	69	69715	0.964 ppbv	91

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

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC001

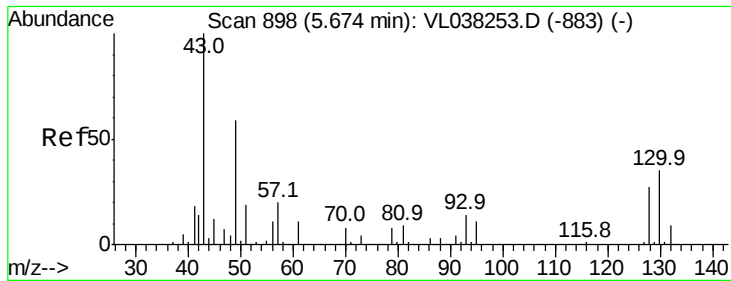
Manual Integrations
 APPROVED

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

Quant Time: Jan 24 11:24:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 11:15:25 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	380997	1.067	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	50545	0.944	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	72887m	0.983	ppbv	
47) 1,1,2-Trichloroethane	9.48	97	81679	0.973	ppbv	88
48) Dibromochloromethane	10.30	129	136861	1.159	ppbv	97
49) Bromoform	13.04	173	97045	1.157	ppbv	96
50) 4-Methyl-2-Pentanone	8.76	43	135819m	1.103	ppbv	
51) 2-Hexanone	10.16	43	56758m	0.963	ppbv	
52) Tetrachloroethene	11.22	164	69908	0.901	ppbv	94
53) Toluene	9.81	91	229894	0.948	ppbv	100
54) 1,2-Dibromoethane	10.61	107	115650	0.971	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.12	131	93150	1.113	ppbv #	1
57) Chlorobenzene	12.15	112	175380	1.005	ppbv	98
58) Ethyl Benzene	12.71	91	313026	1.002	ppbv	96
59) m/p-Xylene	12.99	91	545144m	2.042	ppbv	
60) o-Xylene	13.69	91	255533	1.032	ppbv	98
61) Styrene	13.53	104	107710	0.859	ppbv	98
62) Isopropylbenzene	14.67	105	338637	0.975	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	183910	0.966	ppbv	100
64) n-propylbenzene	15.56	120	81124m	0.939	ppbv	
65) tert-Butylbenzene	16.74	119	280602	0.917	ppbv	94
66) Benzyl Chloride	17.00	91	10015m	0.879	ppbv	
67) sec-Butylbenzene	17.29	105	391465	0.931	ppbv	100
69) p-Isopropyltoluene	17.65	119	287326	0.850	ppbv	95
70) n-Butylbenzene	18.55	91	289169	0.900	ppbv	98
71) 2-Chlorotoluene	15.46	91	246249	0.952	ppbv	98
72) 4-Ethyltoluene	15.83	105	257446	0.903	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	235270	0.922	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	248463	0.927	ppbv #	88
75) 1,3-Dichlorobenzene	16.99	146	132022	0.912	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	130338m	0.908	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	119482	0.862	ppbv	97
78) Hexachloro-1,3-Butadiene	23.37	225	89666m	1.049	ppbv	
79) Naphthalene	22.20	128	87600	0.633	ppbv #	95
80) Naphthalene, 2-methyl-	24.98	142	7368m	0.268	ppbv	
81) 1,2,4-Trichlorobenzene	21.92	180	58631m	0.741	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC001

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

49 100

128 47.

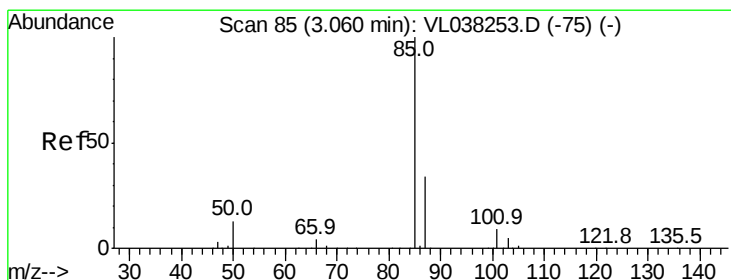
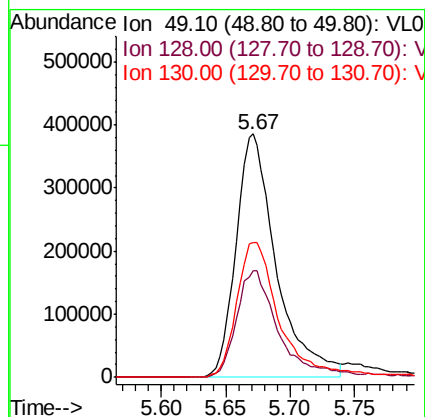
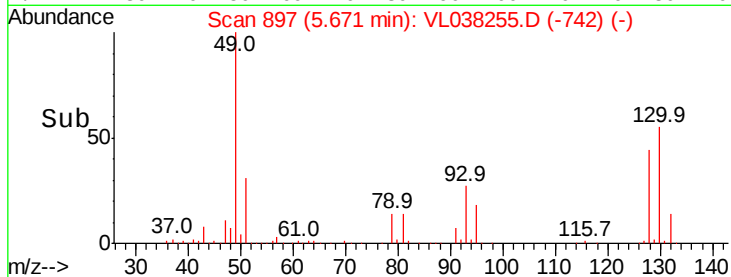
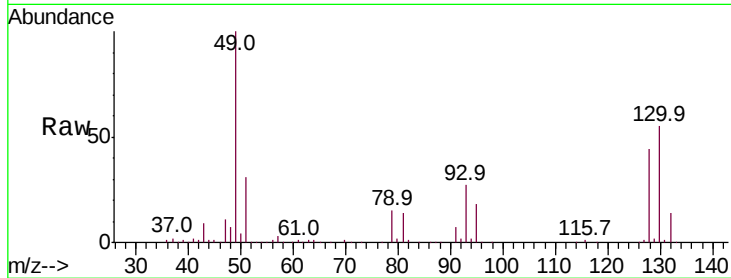
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#2

Dichlorodifluoromethane

Concen: 1.276 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.00 min

Lab File: VL038255.D

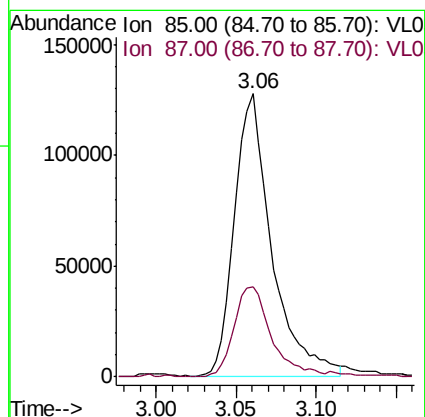
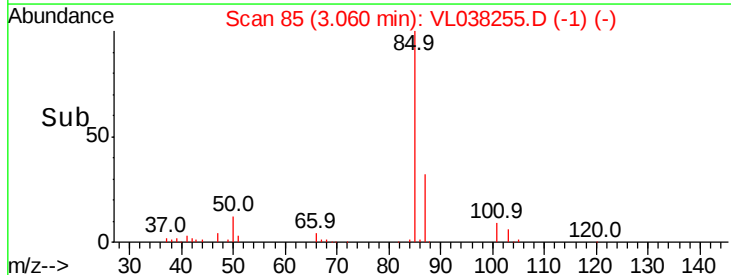
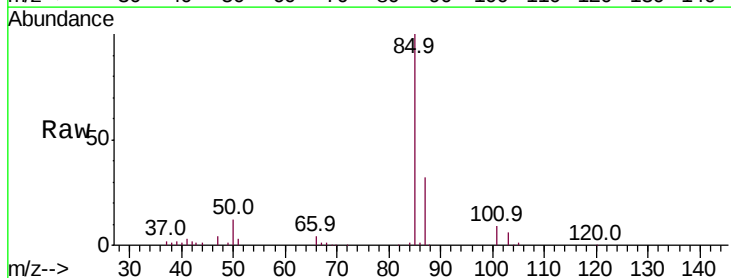
Acq: 24 Jan 2022 10:45

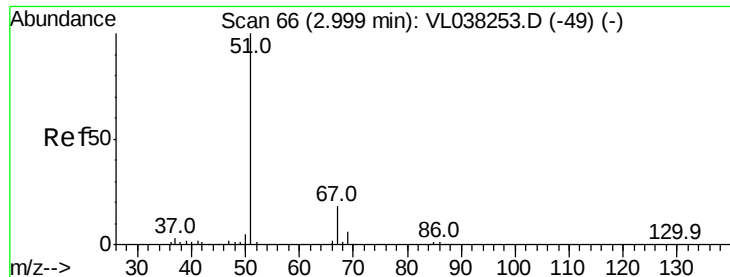
Tgt Ion: 85 Resp: 201851

Ion Ratio Lower Upper

85 100

87 31.9 27.0 40.6



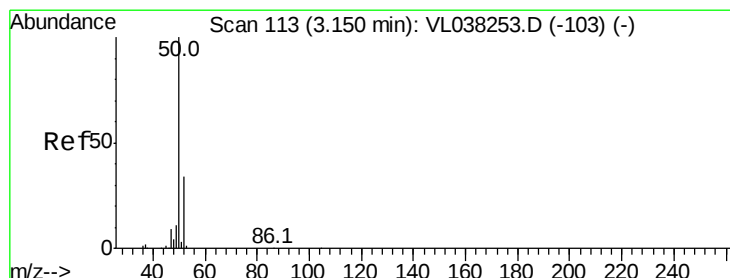
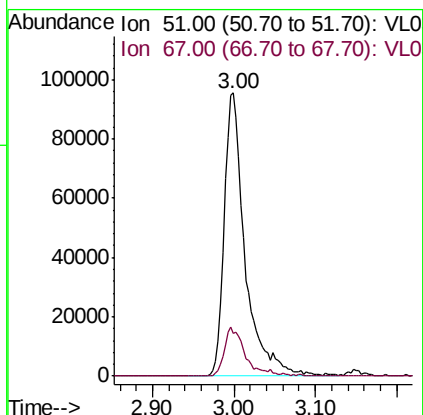
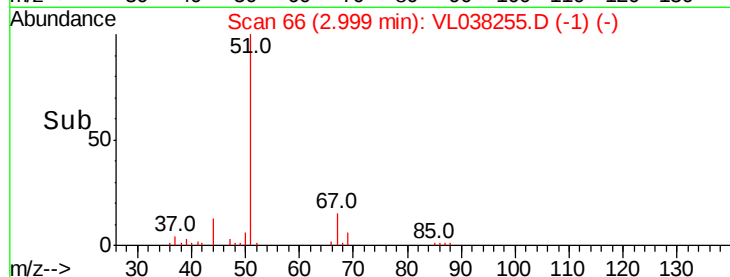
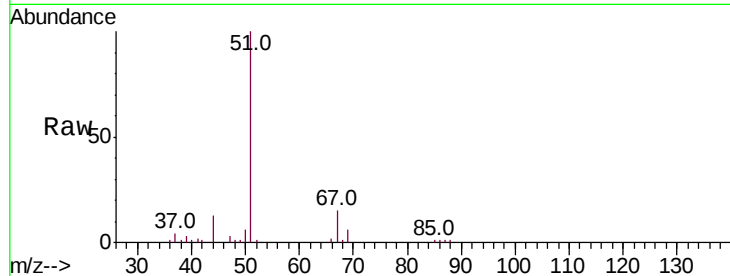


#3
 Chlorodifluoromethane
 Concen: 0.983 ppbv
 RT: 3.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 51 100
 67 17.

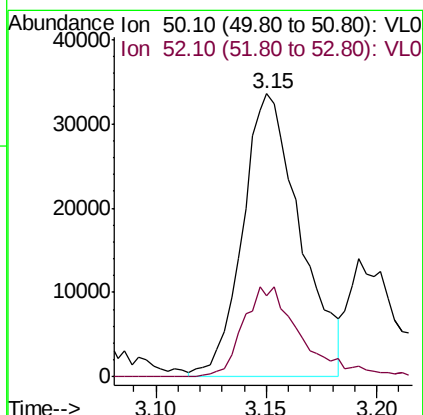
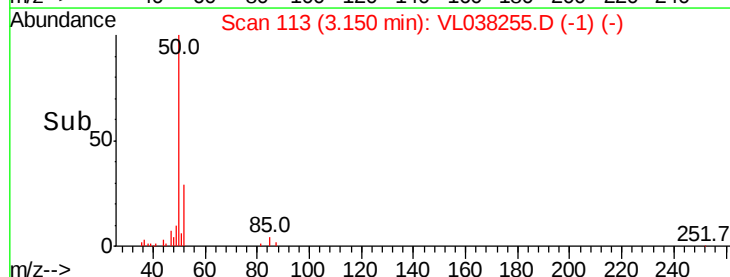
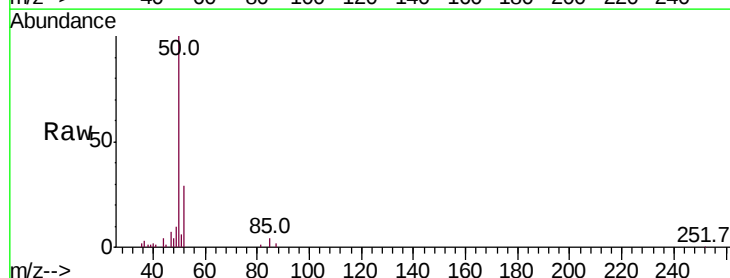
Manual Integrations
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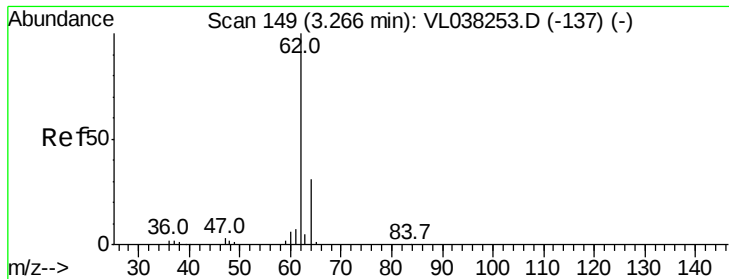
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#4
 Chloromethane
 Concen: 0.993 ppbv
 RT: 3.15 min Scan# 113
 Delta R.T.: 0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion: 50 Resp: 60780
 Ion Ratio Lower Upper
 50 100
 52 29.2 27.1 40.7





#5

Vinyl Chloride

Concen: 0.936 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC001

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

62 100

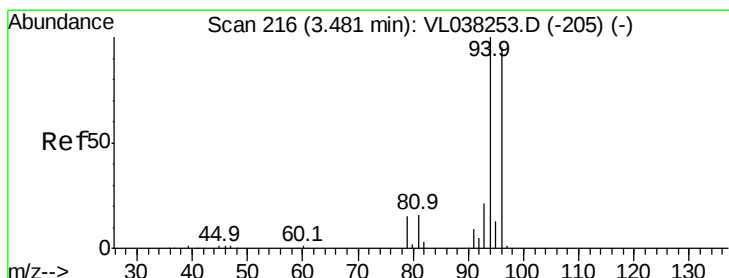
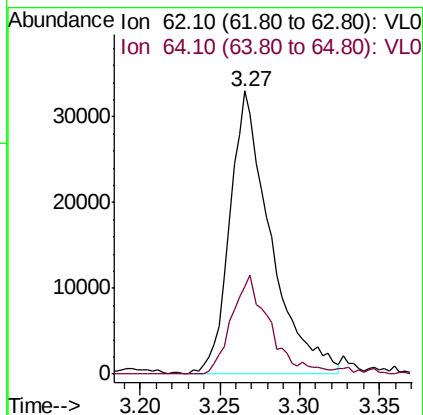
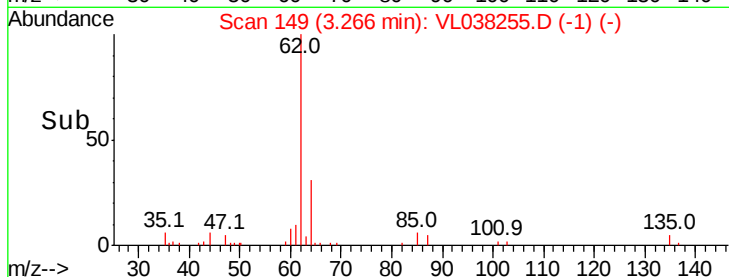
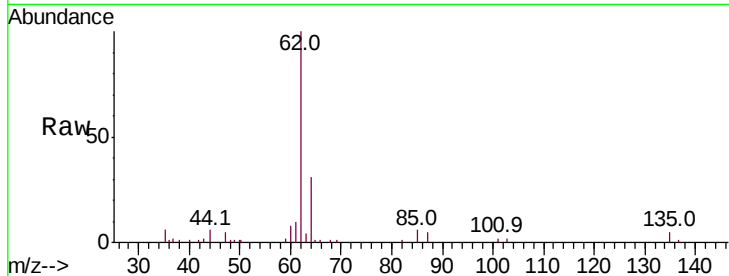
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#6

Bromomethane

Concen: 1.009 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL038255.D

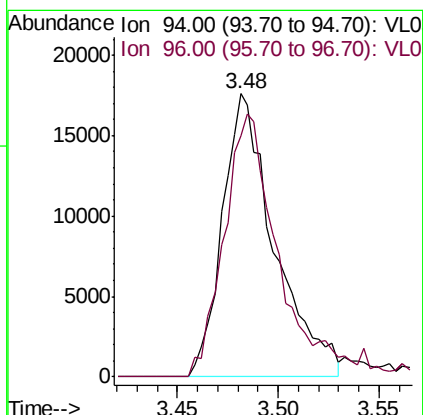
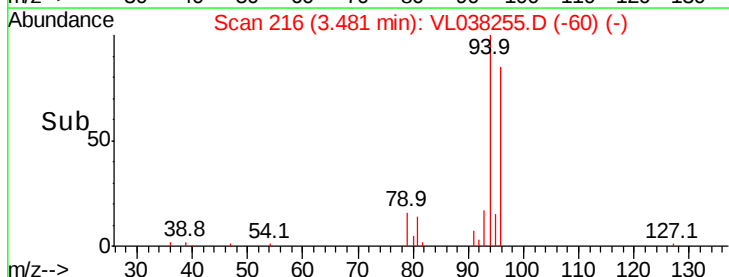
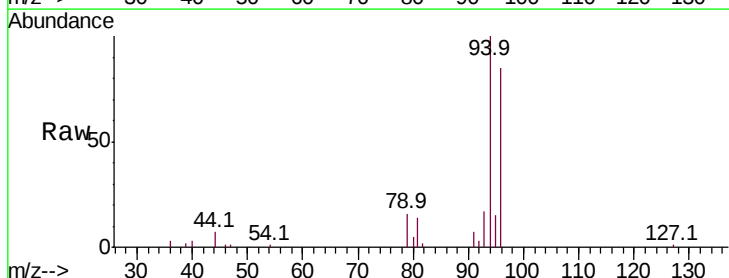
Acq: 24 Jan 2022 10:45

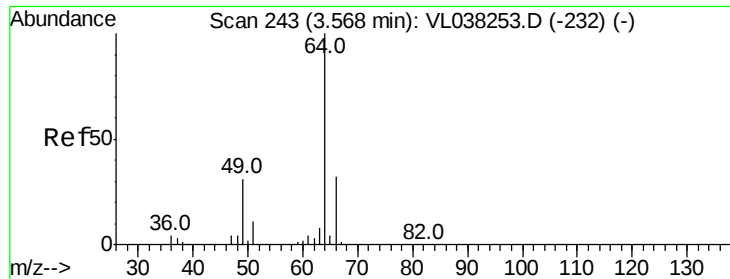
Tgt Ion: 94 Resp: 31627

Ion Ratio Lower Upper

94 100

96 85.0 76.0 114.0





#7

Chloroethane

Concen: 0.892 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

64 100

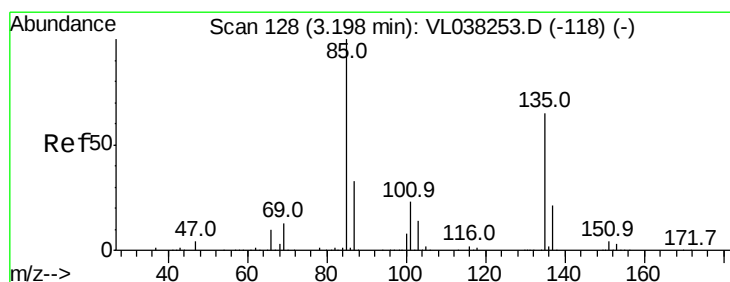
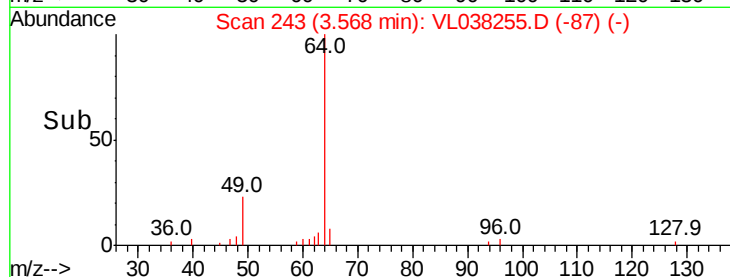
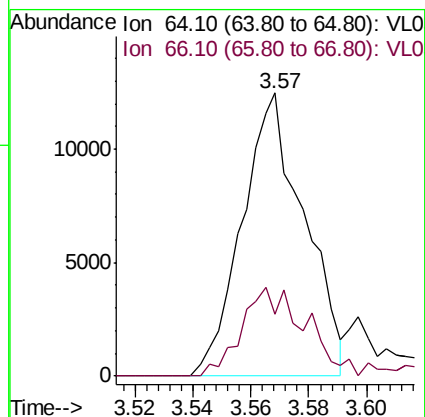
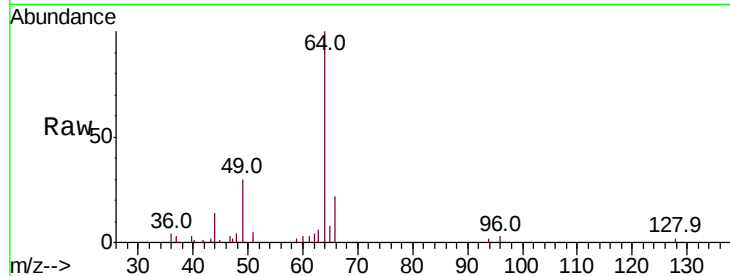
66 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#8

Dichlorotetrafluoroethane

Concen: 0.901 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.00 min

Lab File: VL038255.D

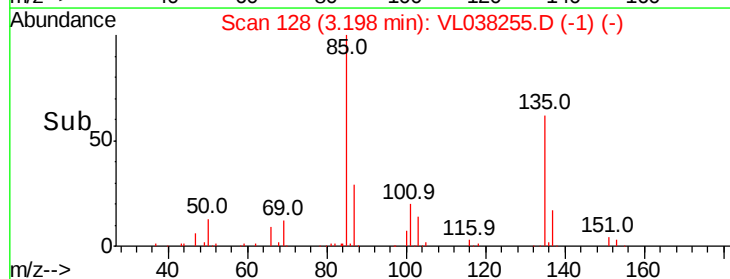
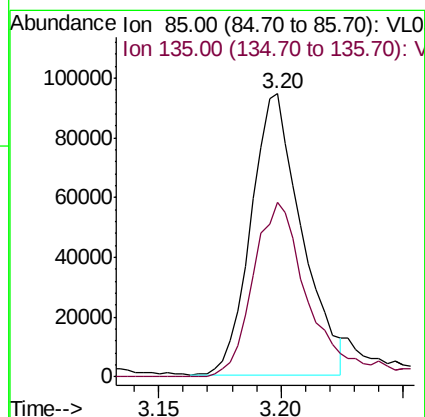
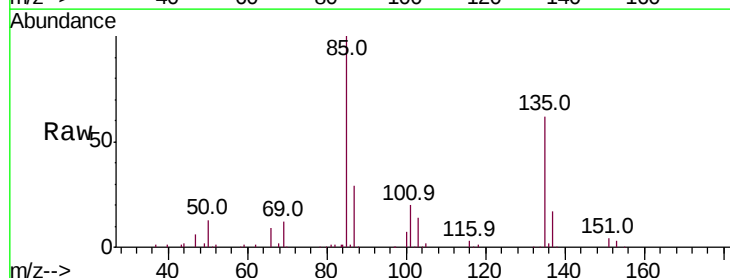
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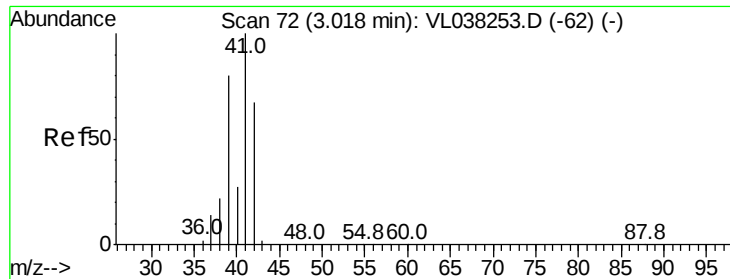
Tgt Ion: 85 Resp: 135239

Ion Ratio Lower Upper

85 100

135 72.0 53.7 80.5





#9

Propene

Concen: 0.867 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

41 100

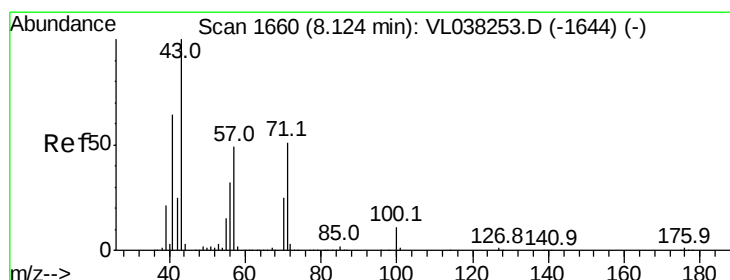
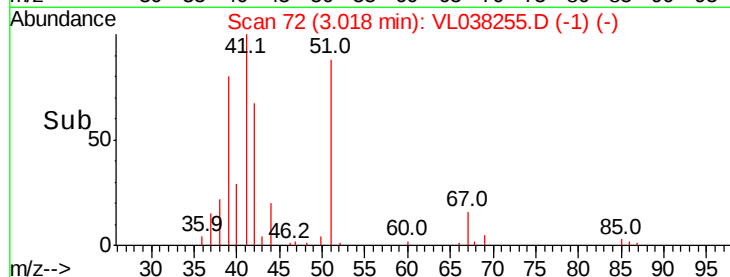
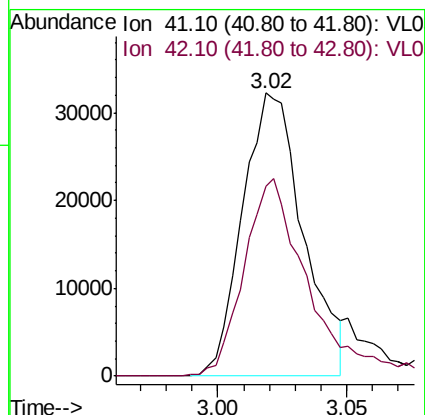
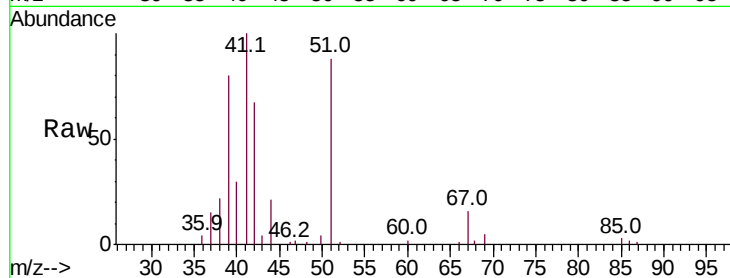
42 75.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#10

Heptane

Concen: 0.895 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL038255.D

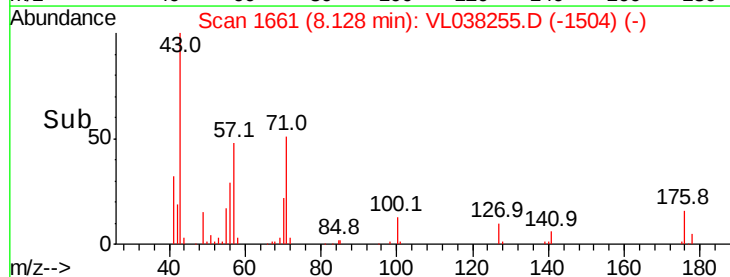
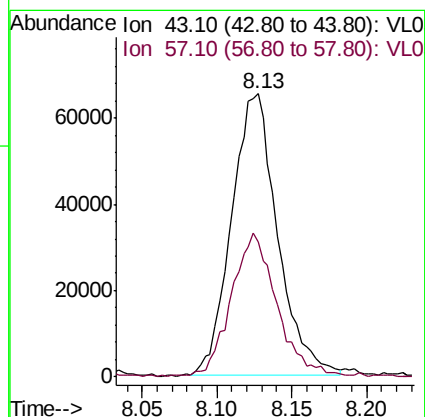
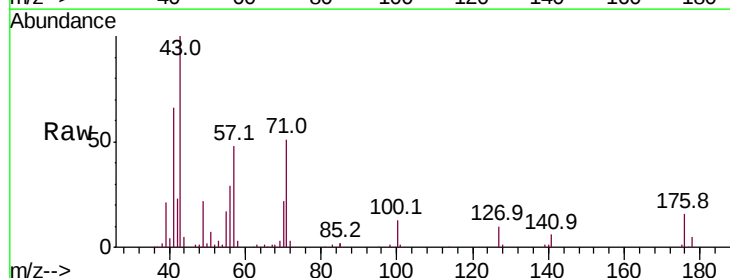
Acq: 24 Jan 2022 10:45

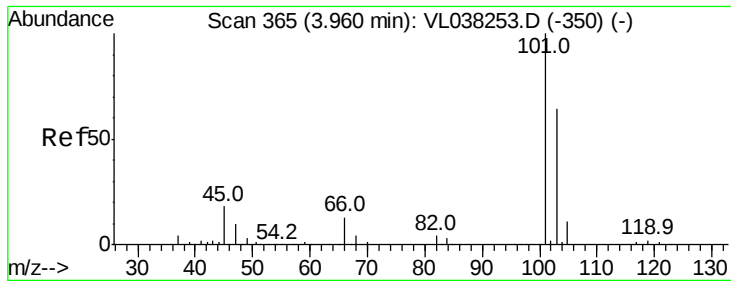
Tgt Ion: 43 Resp: 139155

Ion Ratio Lower Upper

43 100

57 51.4 39.5 59.3



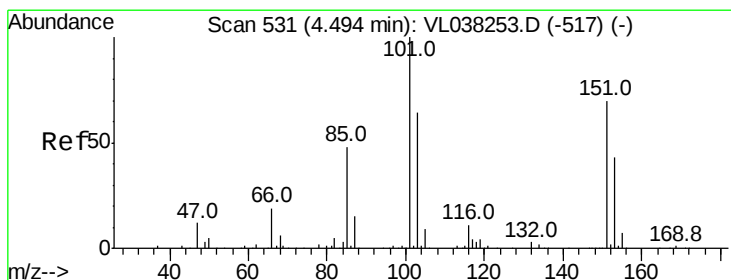
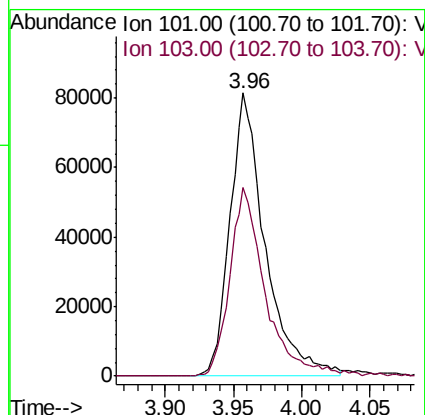
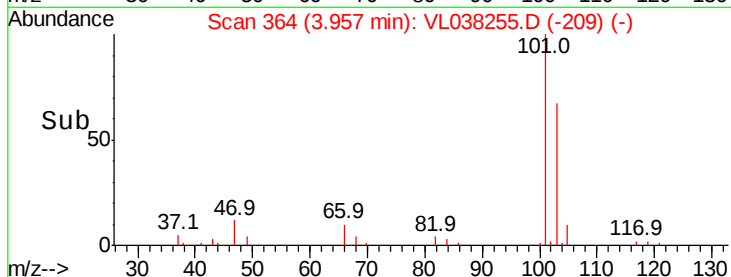
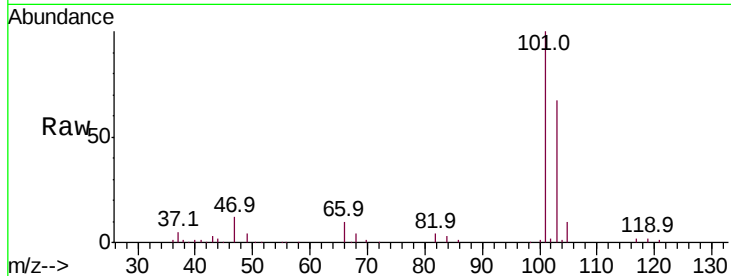


#11
 Trichlorofluoromethane
 Concen: 1.005 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:1
 Ion Rati
 101 100
 103 66.

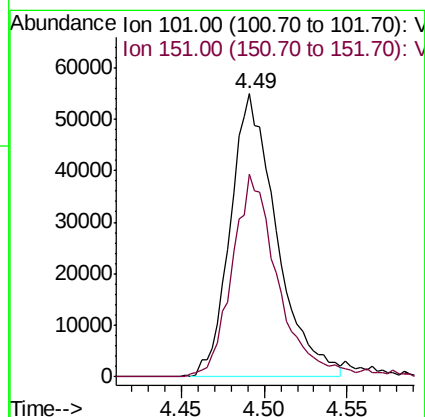
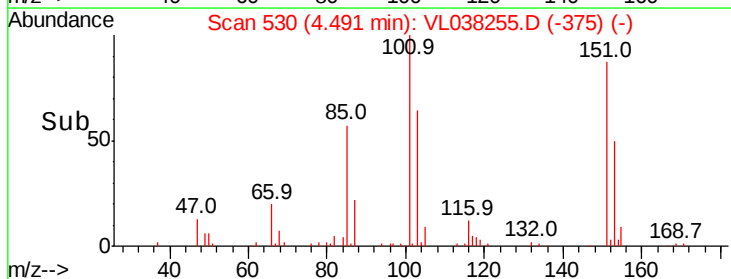
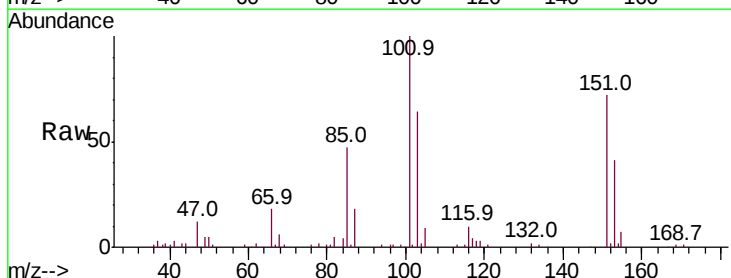
Manual Integrations
 APPROVED

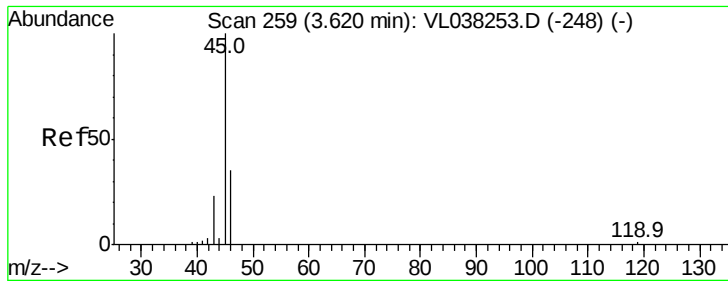
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.973 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion:101 Resp: 106790
 Ion Ratio Lower Upper
 101 100
 151 72.1 55.3 82.9



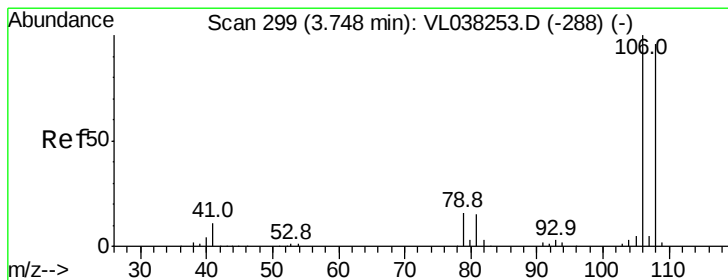
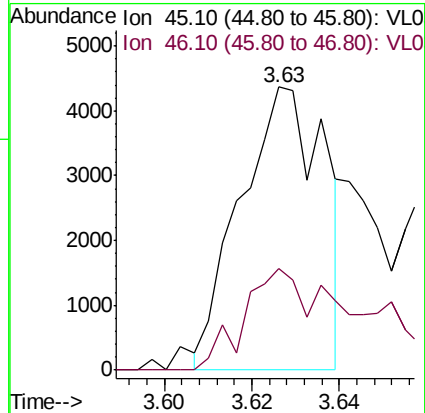
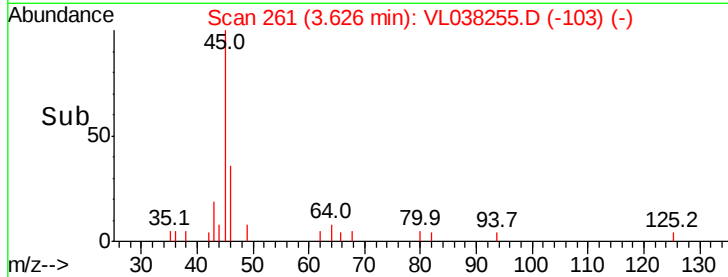
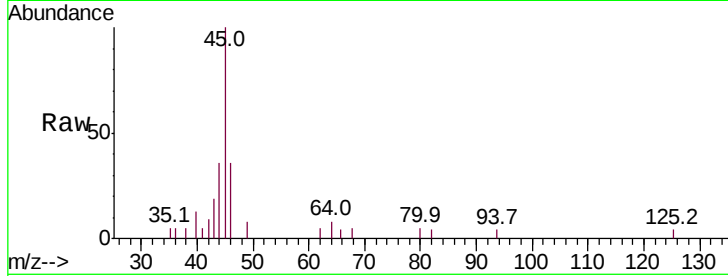


#13
Ethanol
Concen: 0.559 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 10:45

Tot Ion:
Ion Rati
45 100
46 60.

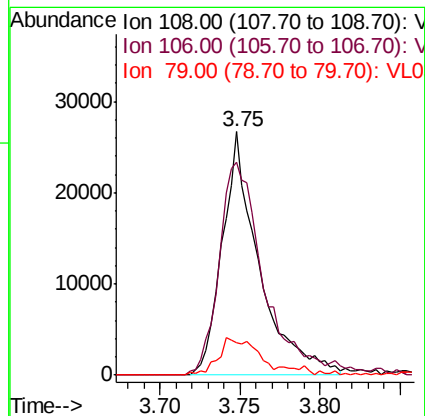
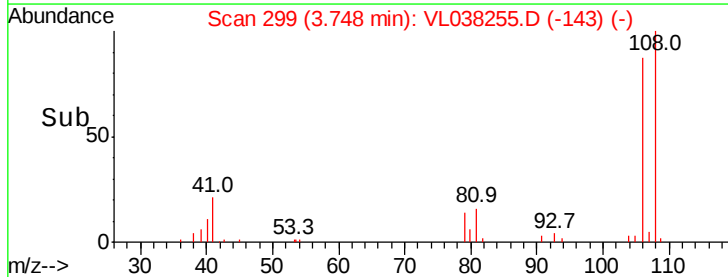
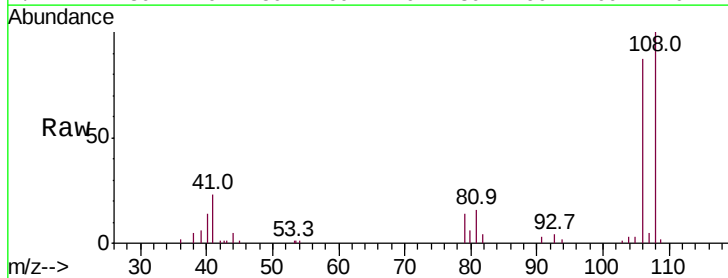
Manual Integrations
APPROVED

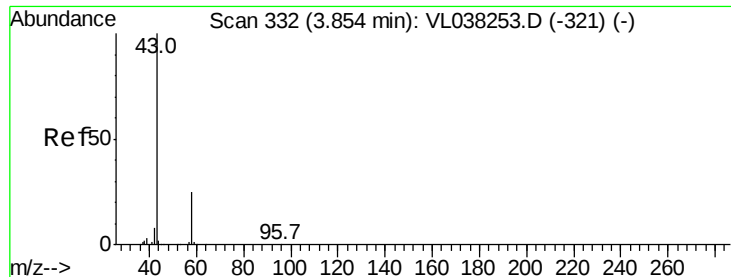
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#14
Bromoethene
Concen: 0.968 ppbv
RT: 3.75 min Scan# 299
Delta R.T. 0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion:108 Resp: 42345
Ion Ratio Lower Upper
108 100
106 108.4 86.4 129.6
79 18.9 14.1 21.1



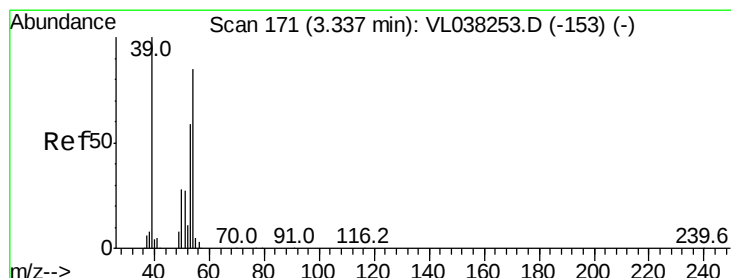
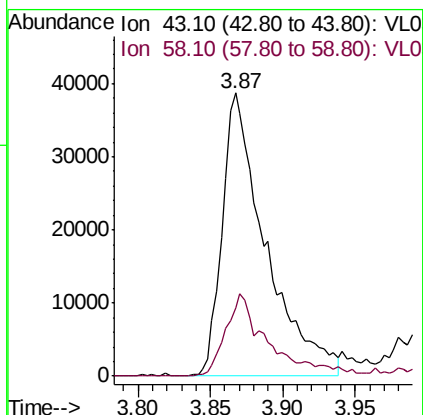
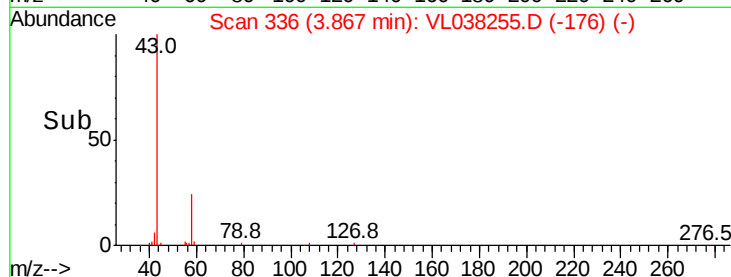
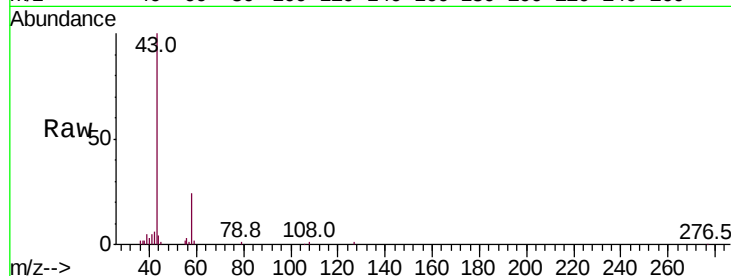


#15
Acetone
Concen: 0.952 ppbv
RT: 3.87
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 10:45

Tot Ion:
Ion Ratio
43 100
58 29.

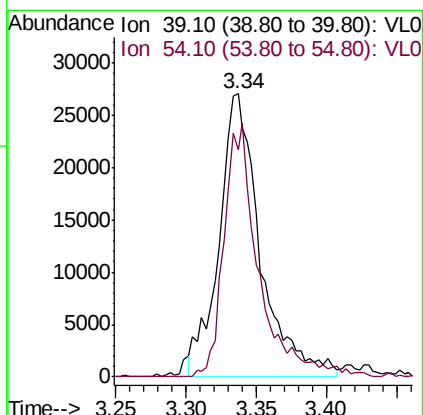
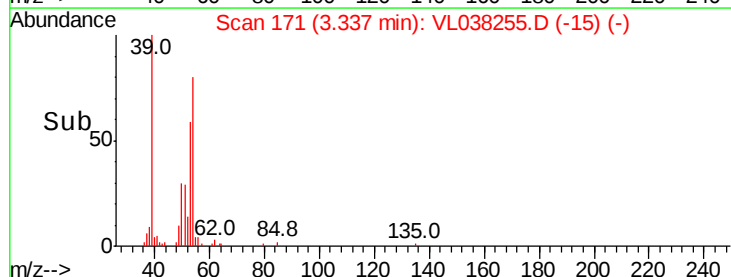
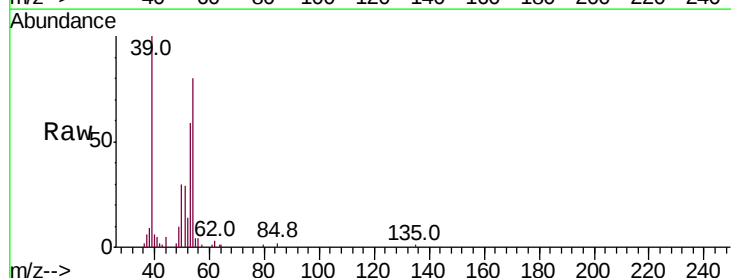
Manual Integrations
APPROVED

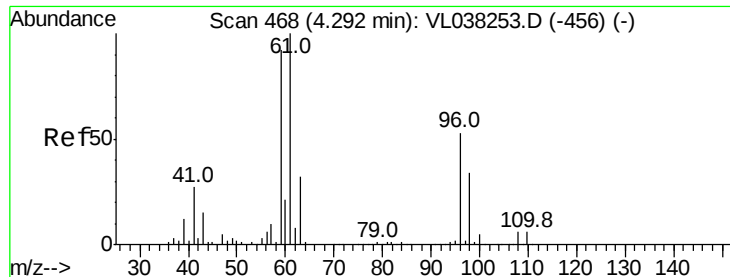
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#16
1,3-Butadiene
Concen: 0.964 ppbv m
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 39 Resp: 55330
Ion Ratio Lower Upper
39 100
54 74.6 62.6 94.0





#17

tert-Butyl alcohol

Concen: 0.907 ppbv

RT: 4.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

59 100

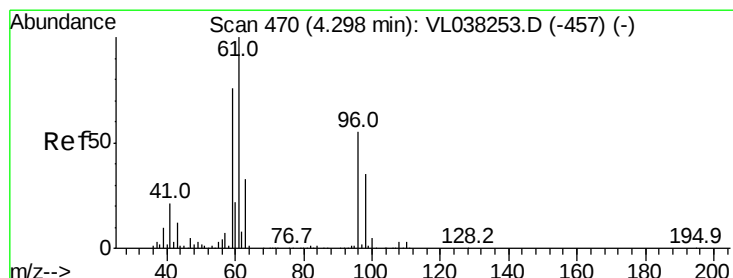
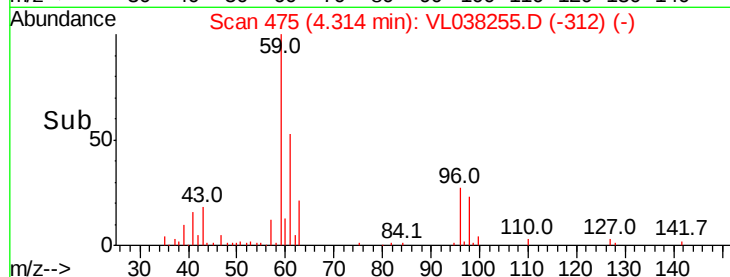
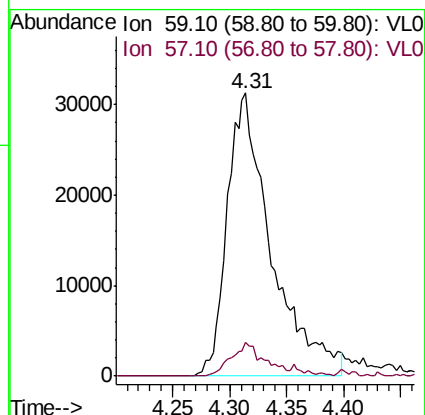
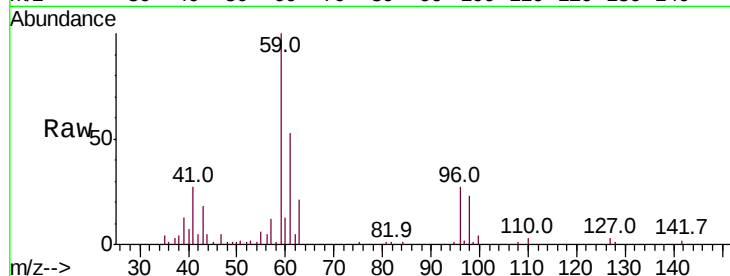
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#18

1,1-Dichloroethene

Concen: 0.997 ppbv

RT: 4.29 min Scan# 469

Delta R.T. -0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

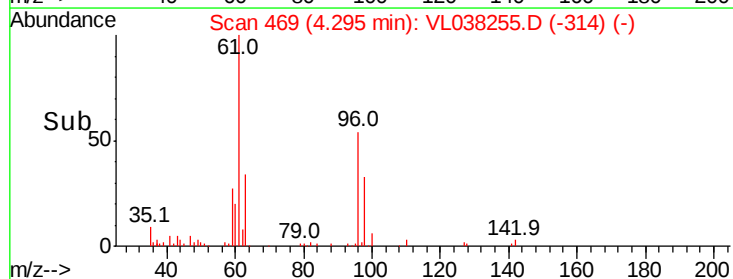
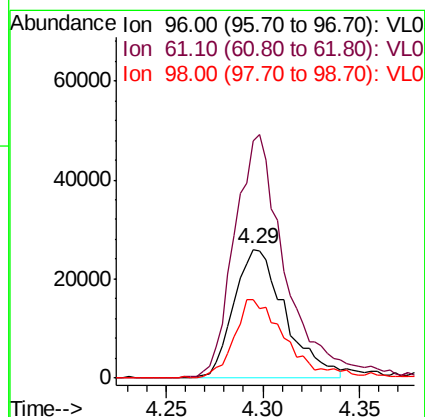
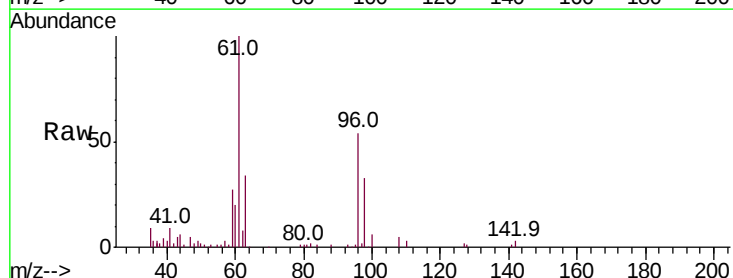
Tgt Ion: 96 Resp: 47938

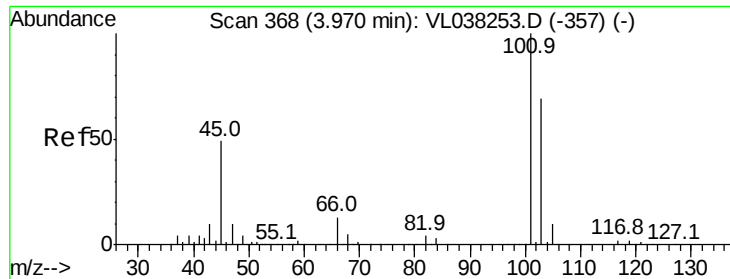
Ion Ratio Lower Upper

96 100

61 183.3 146.5 219.7

98 60.8 51.9 77.9





#19

Isopropyl Alcohol

Concen: 0.961 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC001

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

45 100

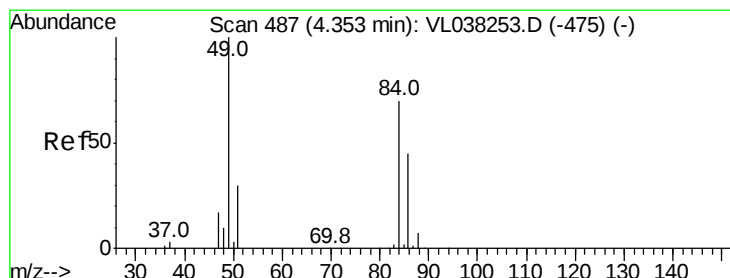
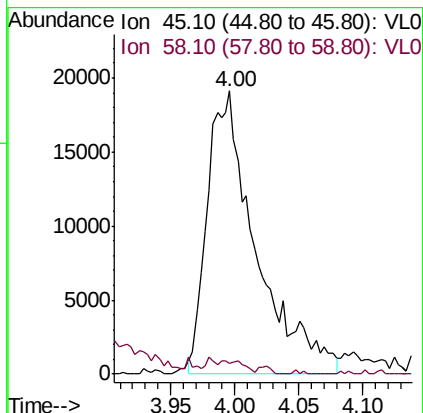
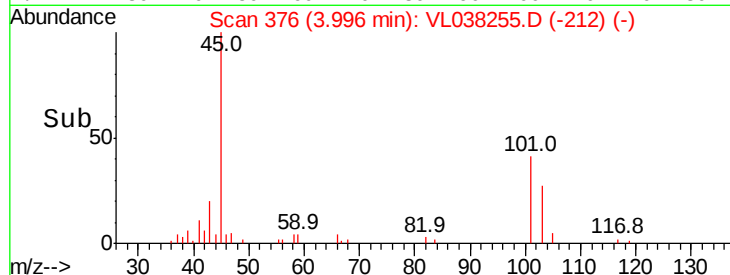
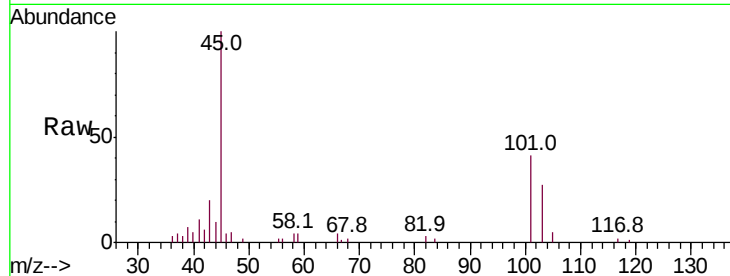
58 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#20

Methylene Chloride

Concen: 0.992 ppbv m

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

Tgt Ion: 84 Resp: 47200

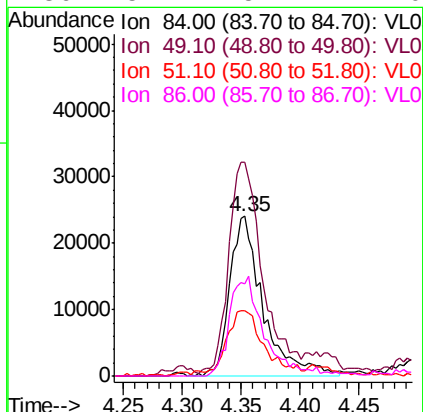
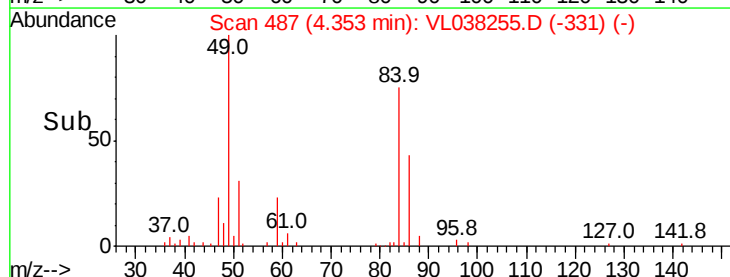
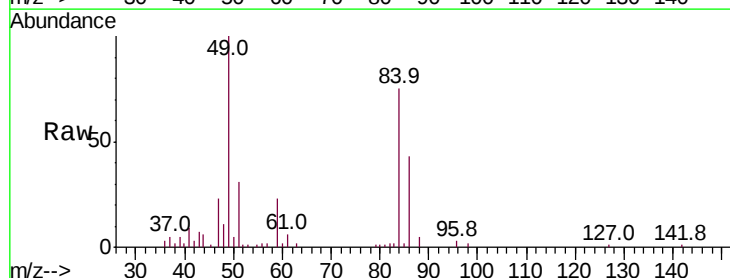
Ion Ratio Lower Upper

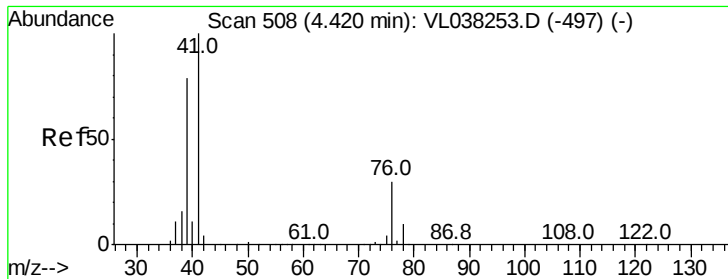
84 100

49 133.6 115.0 172.6

51 41.1 35.0 52.6

86 57.4 51.4 77.0





#21

Allvl Chloride

Concen: 0.883 ppbv

RT: 4.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

41 100

76 33.

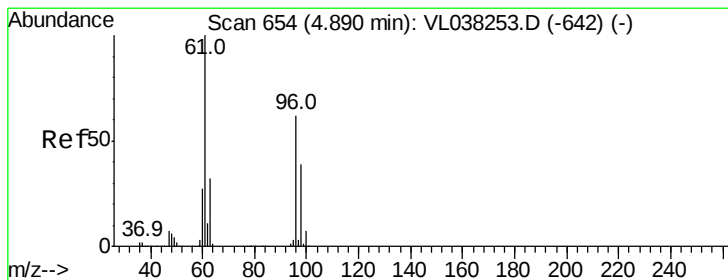
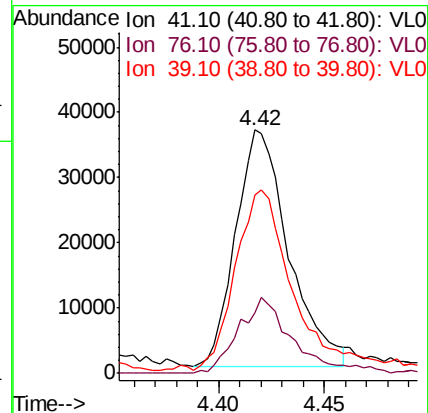
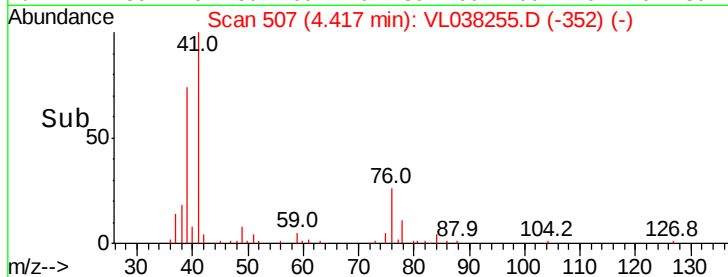
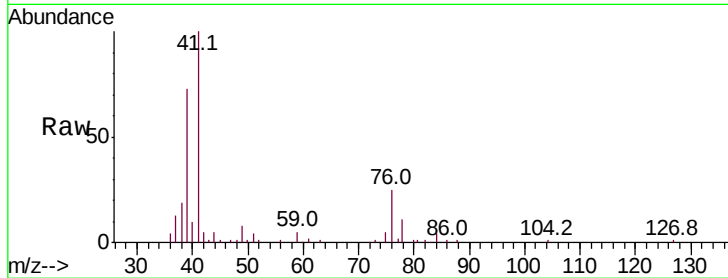
39 91.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#22

trans-1,2-Dichloroethene

Concen: 0.987 ppbv m

RT: 4.89 min Scan# 655

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

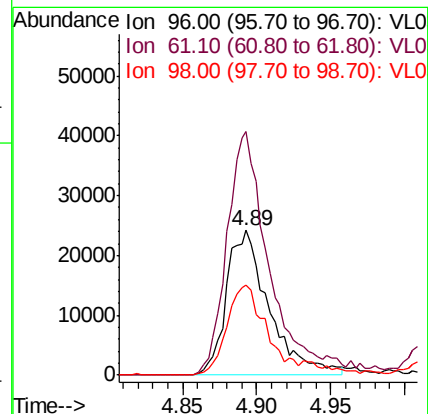
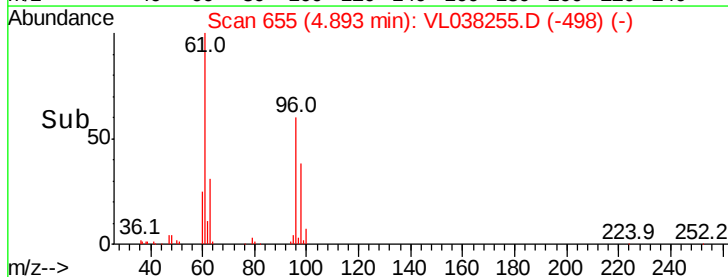
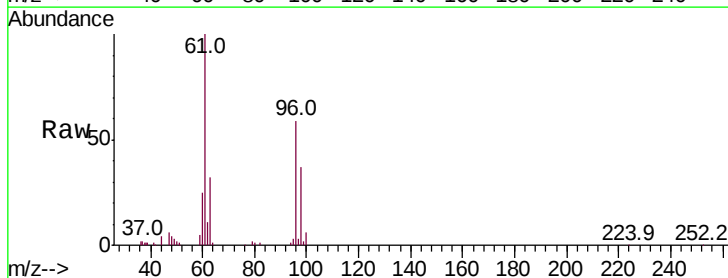
Tgt Ion: 96 Resp: 48386

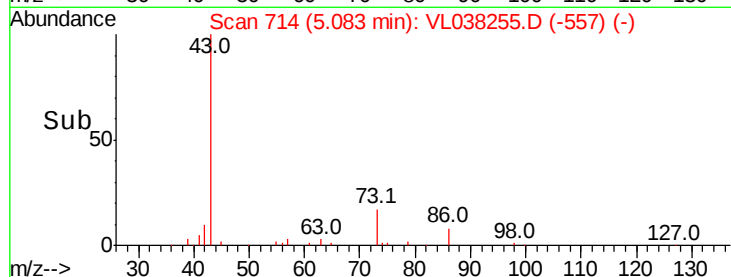
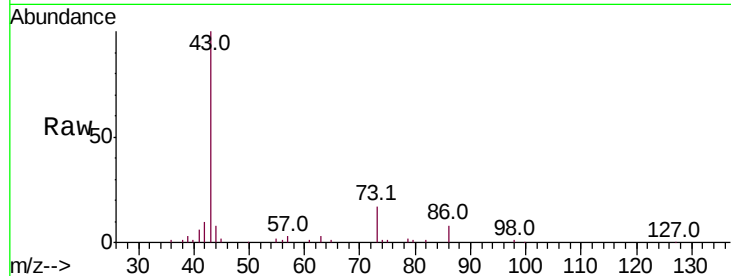
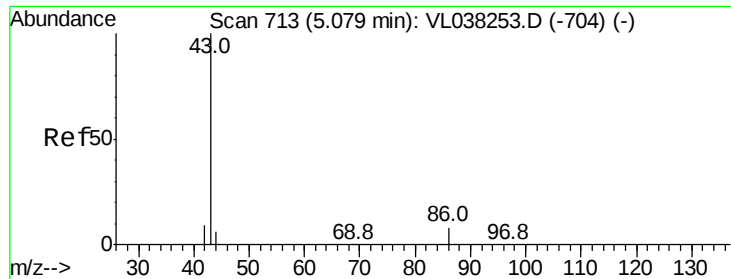
Ion Ratio Lower Upper

96 100

61 168.3 128.8 193.2

98 62.5 49.8 74.8





#23

Vinyl Acetate

Concen: 0.883 ppbv

RT: 5.08

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 10:45

Tot Ion: Manual Integrations

Ion Ratio APPROVED

43 100

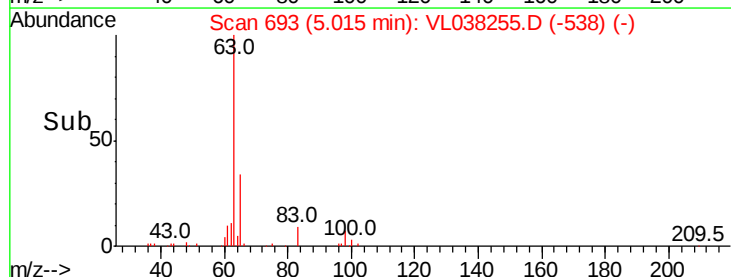
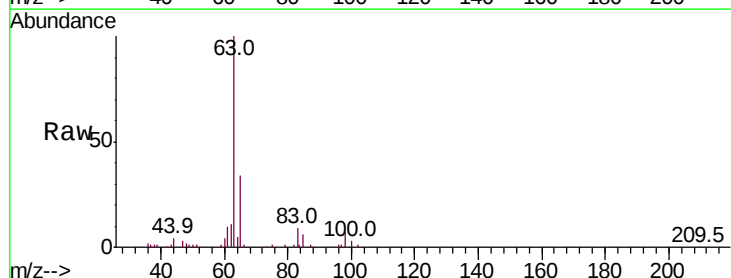
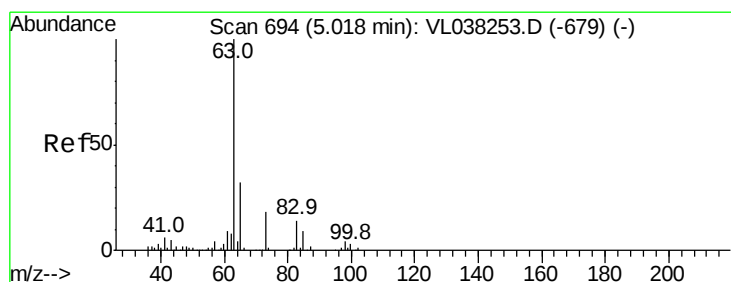
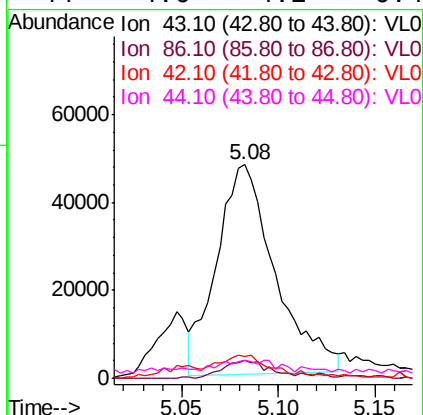
86 8.

42 10.

44 4.6 4.2 6.4

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#24

1,1-Dichloroethane

Concen: 0.981 ppbv

RT: 5.02 min Scan# 693

Delta R.T. -0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

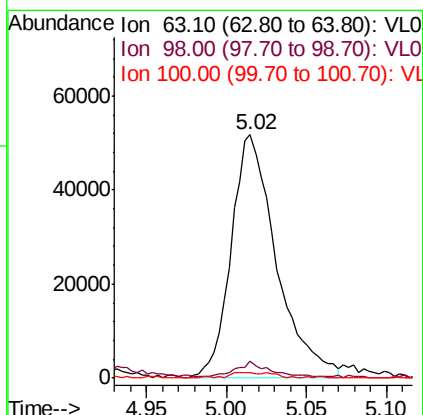
Tgt Ion: 63 Resp: 100097

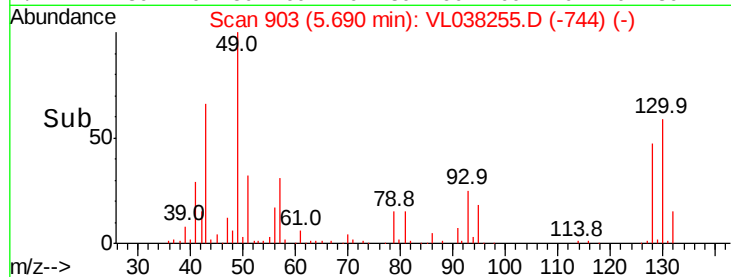
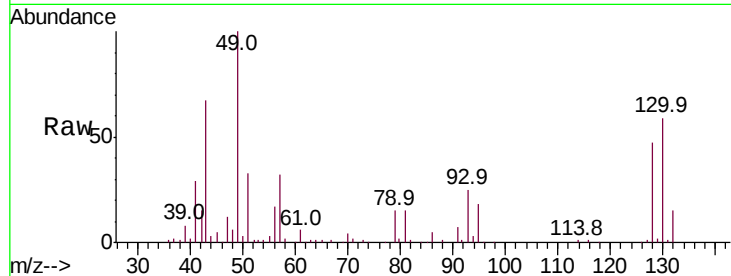
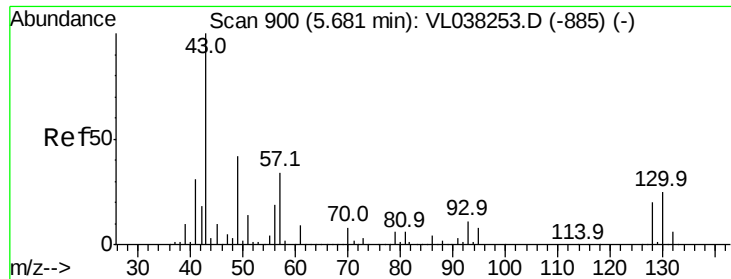
Ion Ratio Lower Upper

63 100

98 5.8 2.3 6.8

100 2.5 1.3 3.9



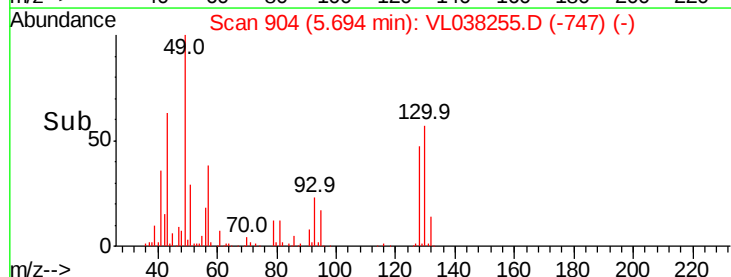
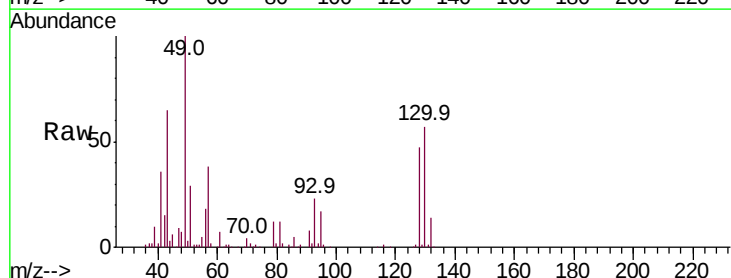
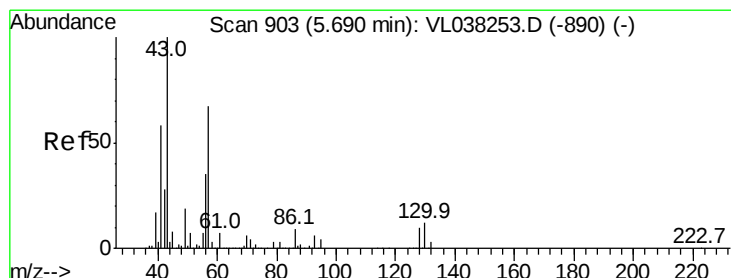
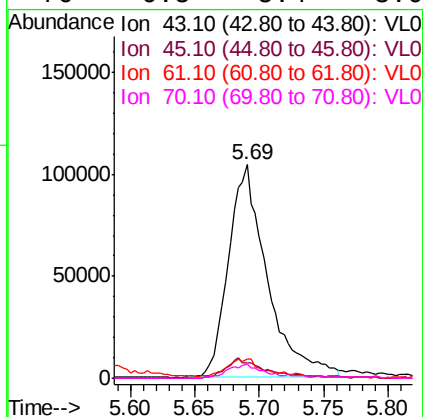


#25
Ethyl Acetate
Concen: 0.958 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 10.0, 61 11.0, 70 6.5, 5.4, 8.0

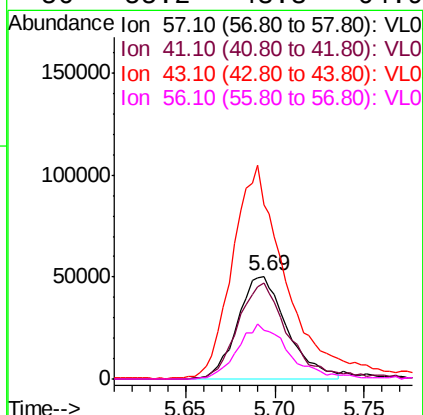
Manual Integrations
APPROVED

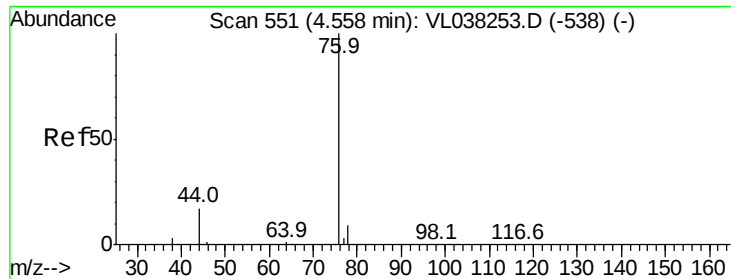
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 0.851 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 57 Resp: 97443
Ion Ratio Lower Upper
57 100
41 98.6 72.8 109.2
43 232.2 177.0 265.6
56 55.2 43.3 64.9





#27

Carbon Disulfide

Concen: 1.107 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

76 100

44 19.

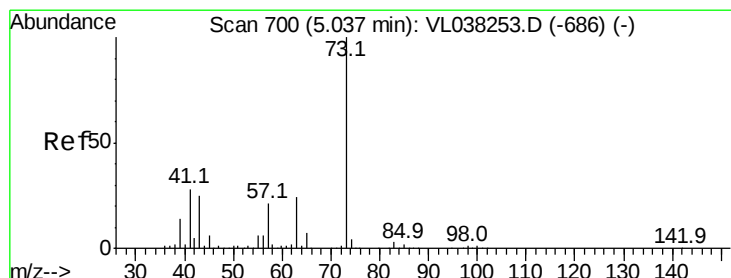
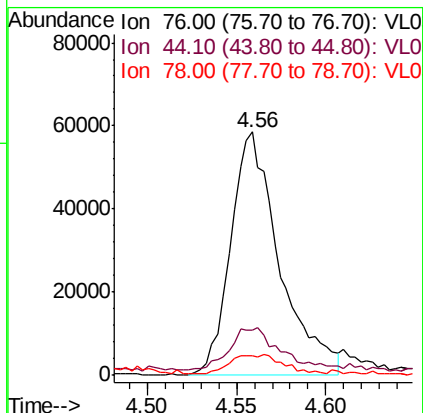
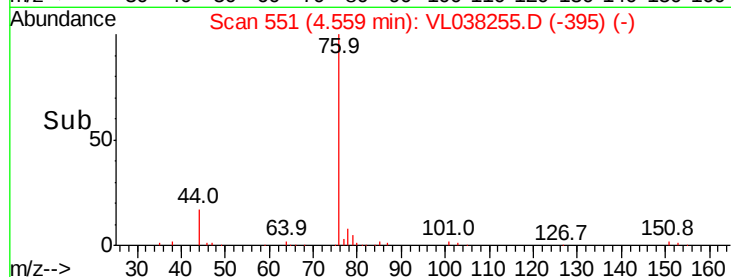
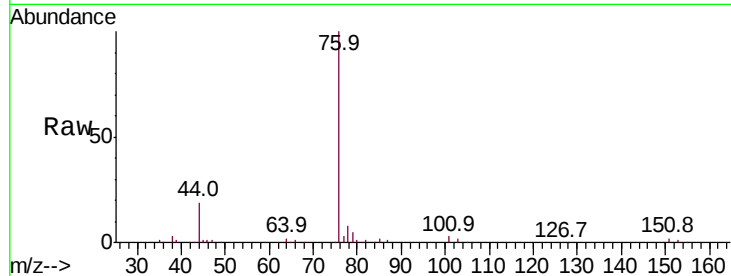
78 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#28

Methyl tert-Butyl Ether

Concen: 0.861 ppbv

RT: 5.05 min Scan# 704

Delta R.T. 0.01 min

Lab File: VL038255.D

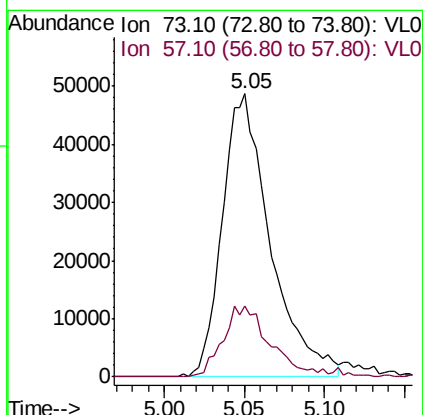
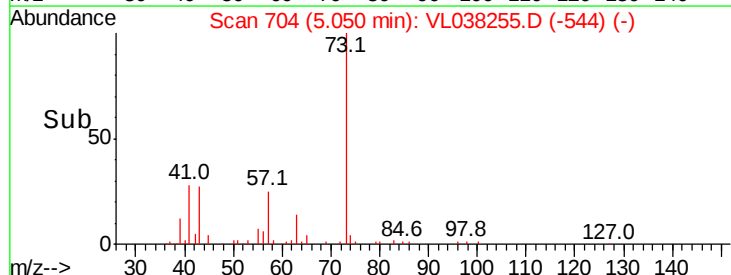
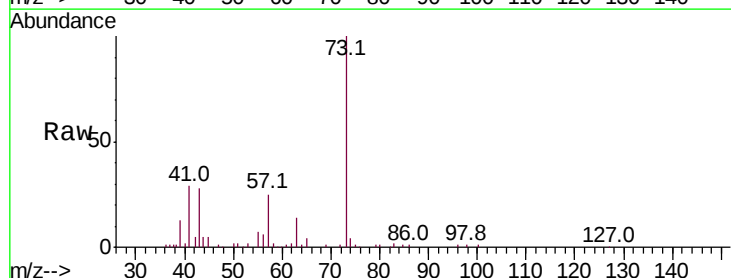
Acq: 24 Jan 2022 10:45

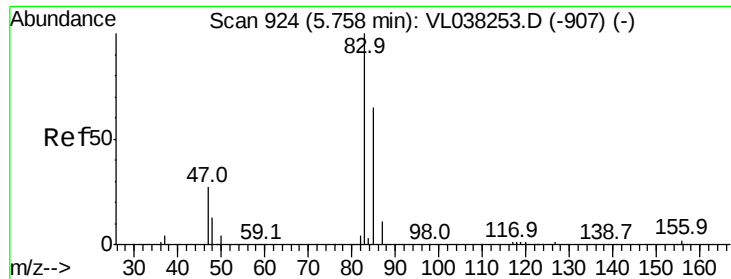
Tgt Ion: 73 Resp: 99100

Ion Ratio Lower Upper

73 100

57 25.8 18.2 27.4





#29

Chloroform

Concen: 0.974 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

83 100

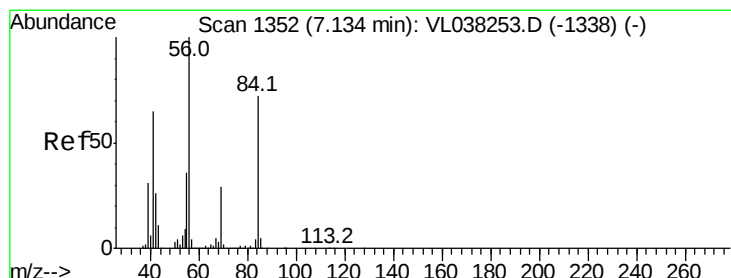
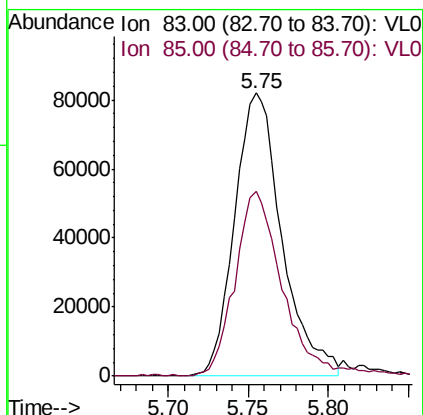
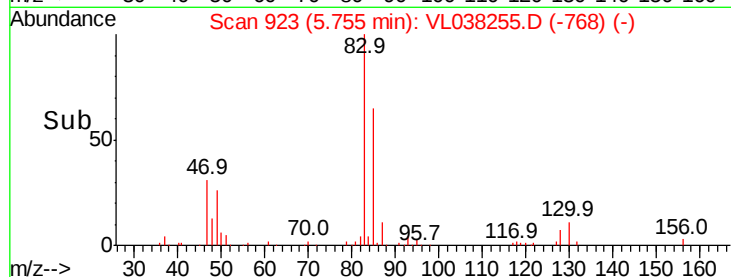
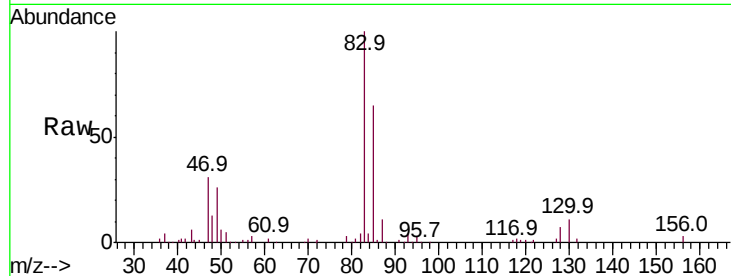
85 64.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#30

Cyclohexane

Concen: 0.872 ppbv m

RT: 7.14 min Scan# 1353

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

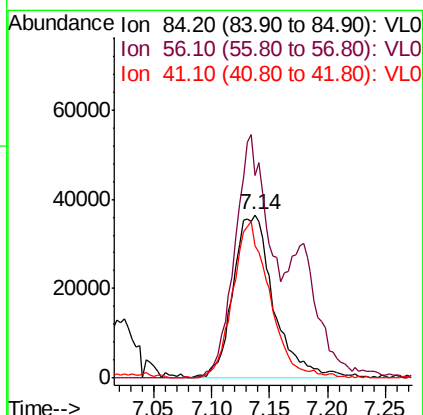
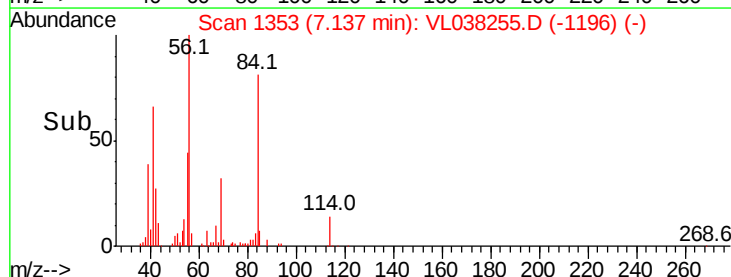
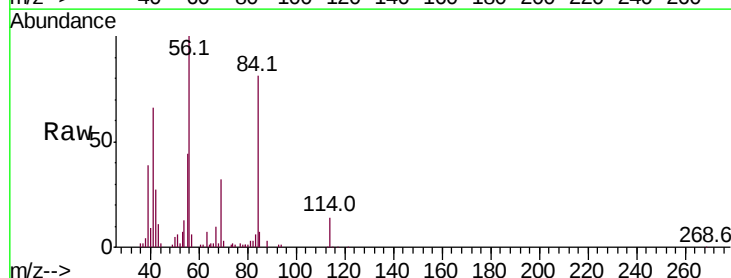
Tgt Ion: 84 Resp: 88477

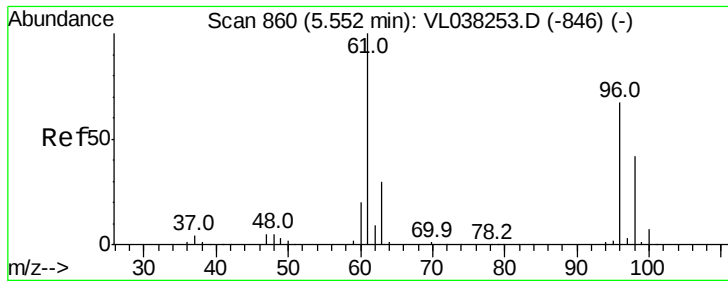
Ion Ratio Lower Upper

84 100

56 0.0 112.7 169.1#

41 0.0 71.1 106.7#





#31

cis-1,2-Dichloroethene

Concen: 0.917 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

61 100

96 58.

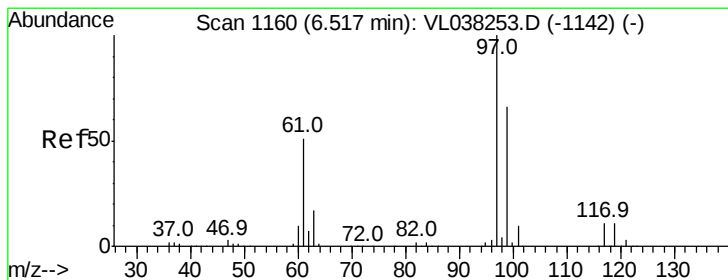
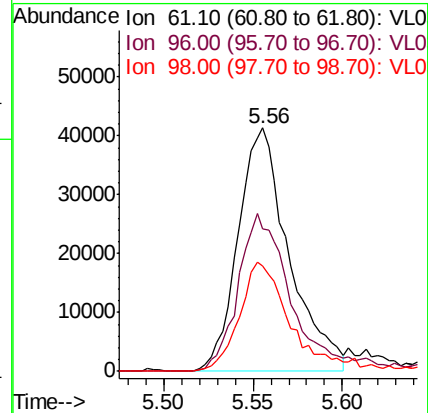
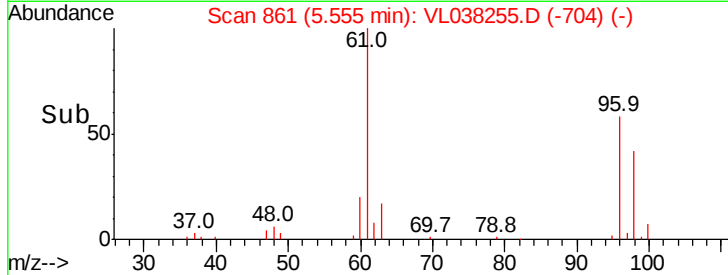
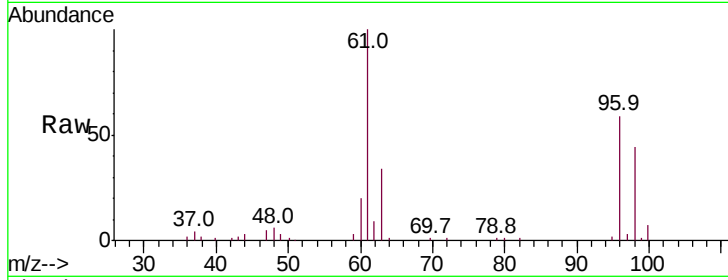
98 43.

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APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#32

1,1,1-Trichloroethane

Concen: 0.928 ppbv

RT: 6.52 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

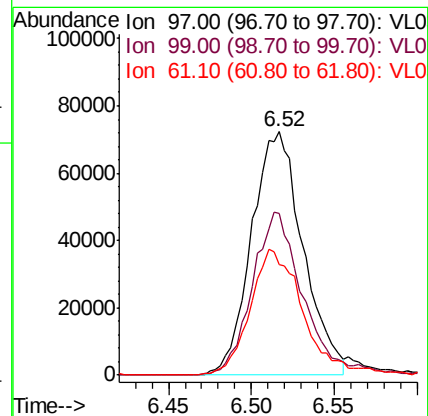
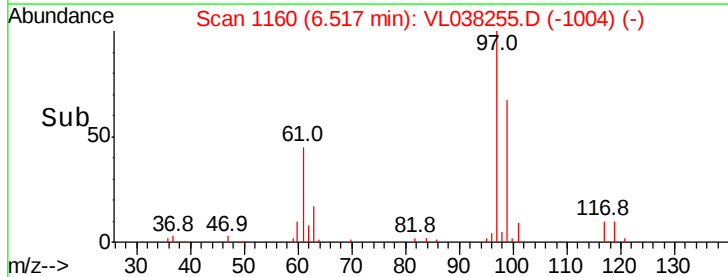
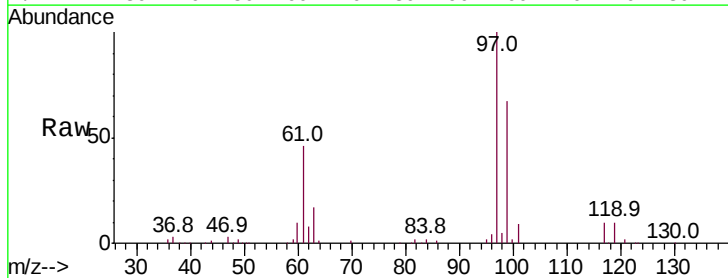
Tgt Ion: 97 Resp: 156458

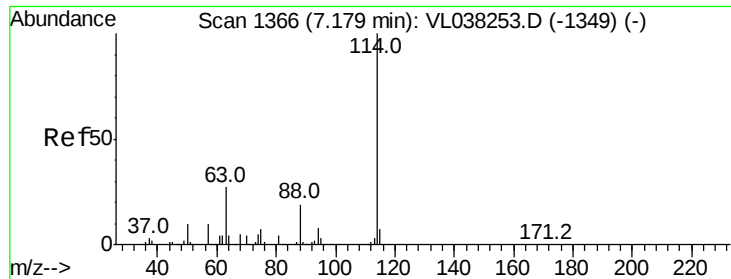
Ion Ratio Lower Upper

97 100

99 67.0 51.5 77.3

61 53.9 40.5 60.7



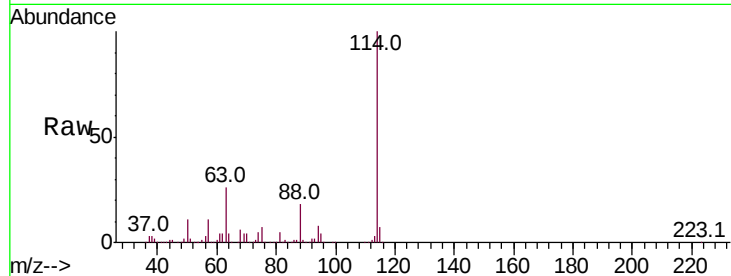


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

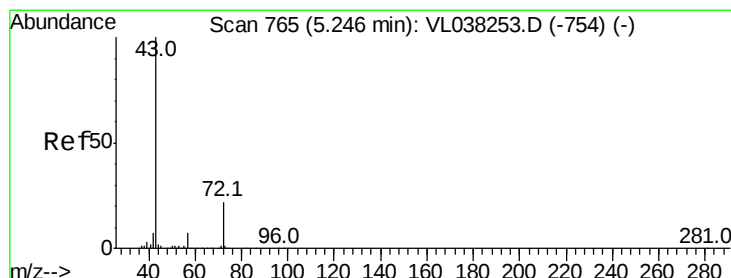
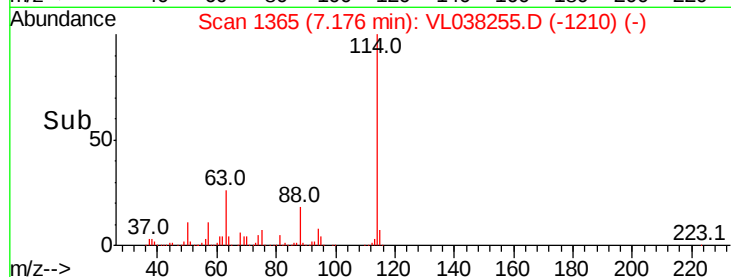
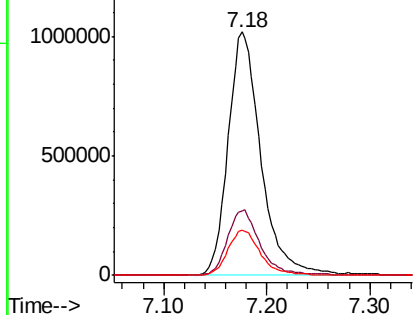
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

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

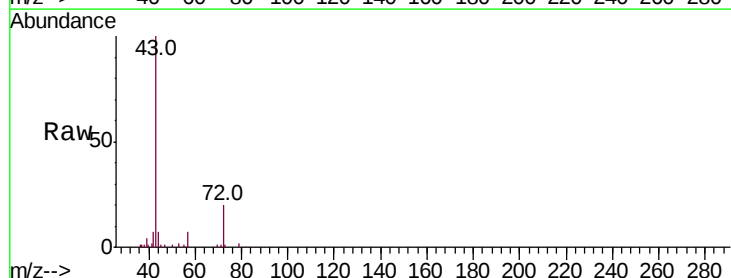


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

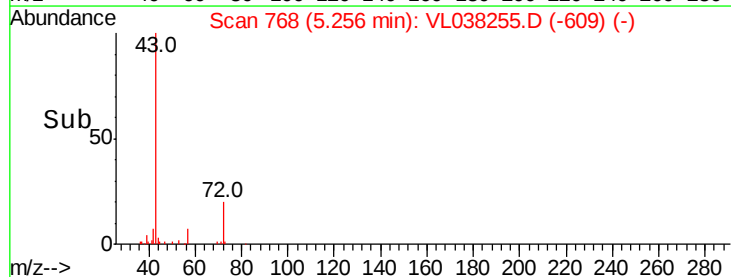
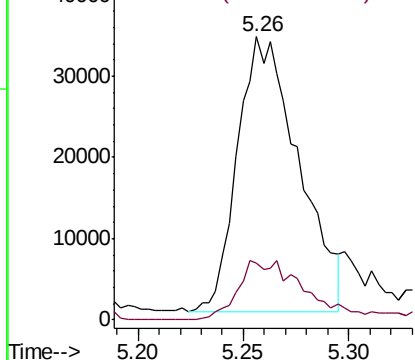


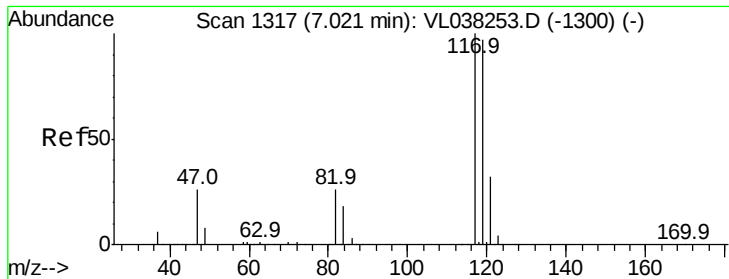
#34
 2-Butanone
 Concen: 1.009 ppbv
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion: 43 Resp: 68364
 Ion Ratio Lower Upper
 43 100
 72 26.3 18.1 27.1



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



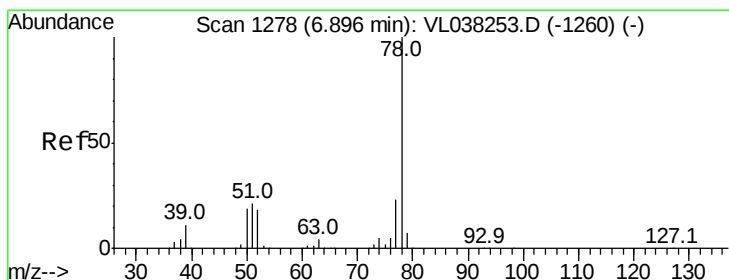
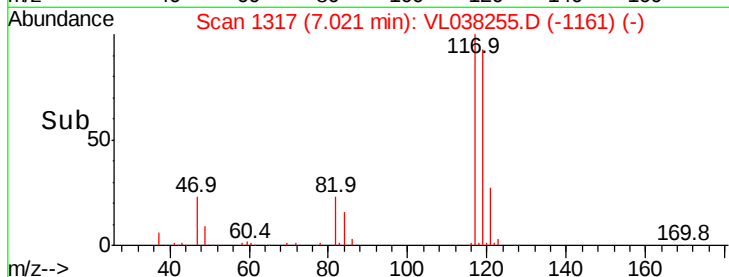
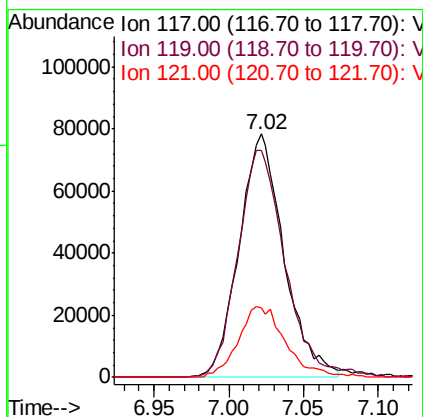
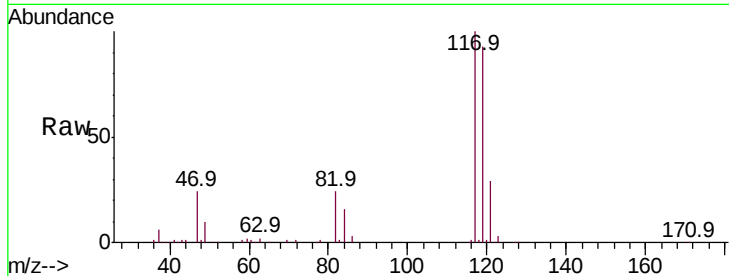


#35
Carbon Tetrachloride
Concen: 1.170 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion:1
Ion Rati
117 100
119 93.
121 28.

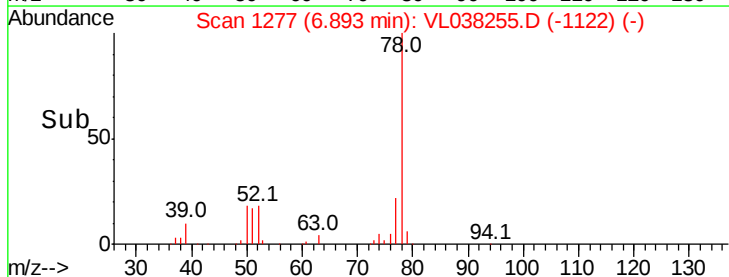
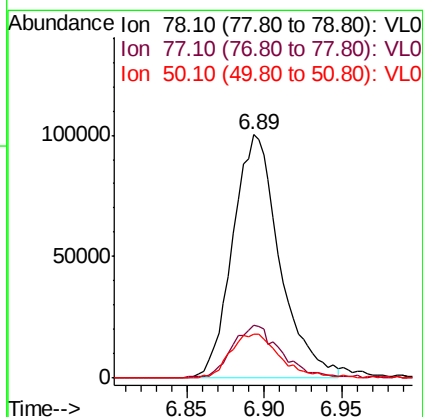
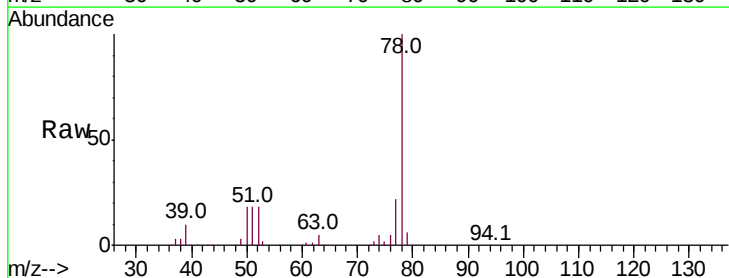
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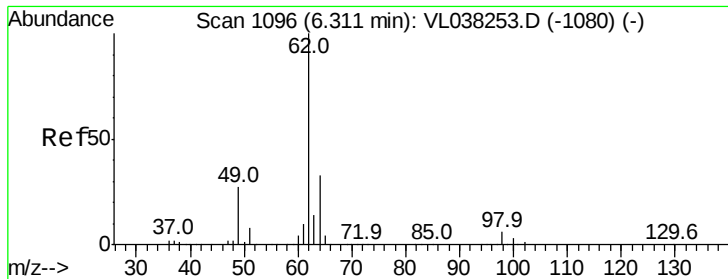
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#36
Benzene
Concen: 1.006 ppbv
RT: 6.89 min Scan# 1277
Delta R.T. -0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 78 Resp: 211541
Ion Ratio Lower Upper
78 100
77 21.0 18.2 27.2
50 18.3 15.1 22.7



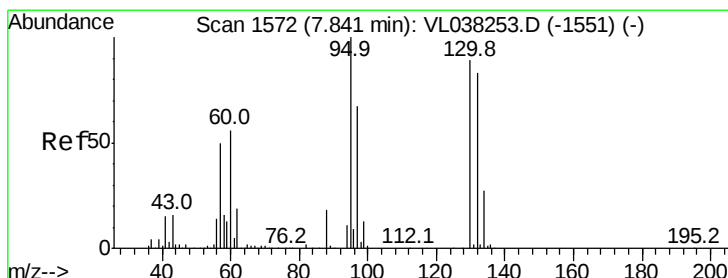
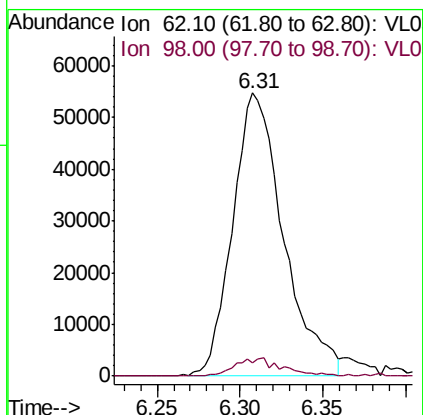
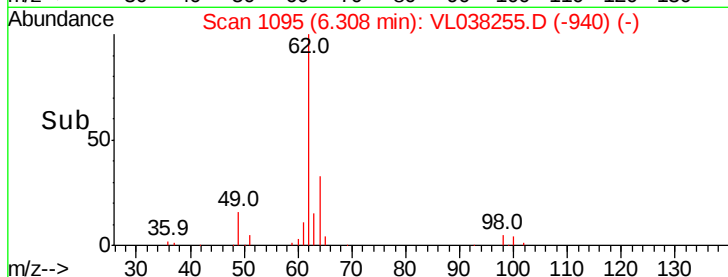
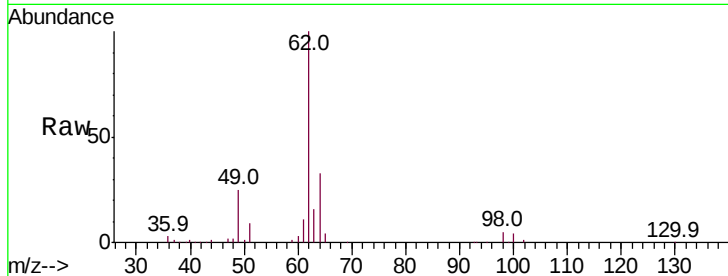


#37
 1,2-Dichloroethane
 Concen: 1.109 ppbv
 RT: 6.31
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 62 100
 98 6.

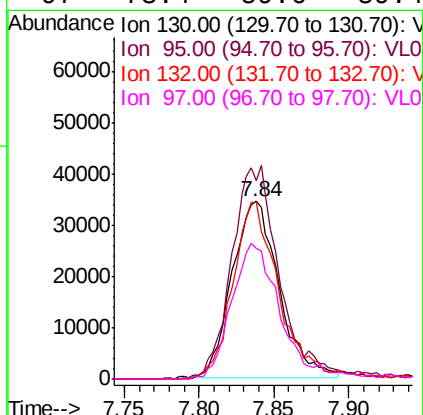
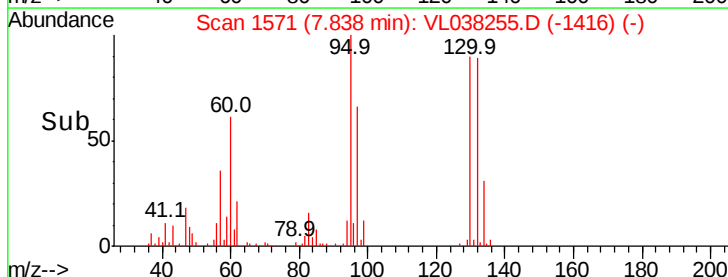
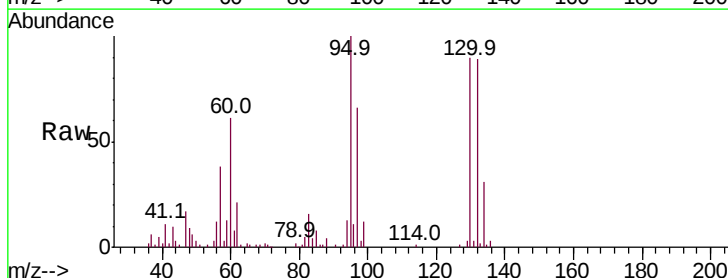
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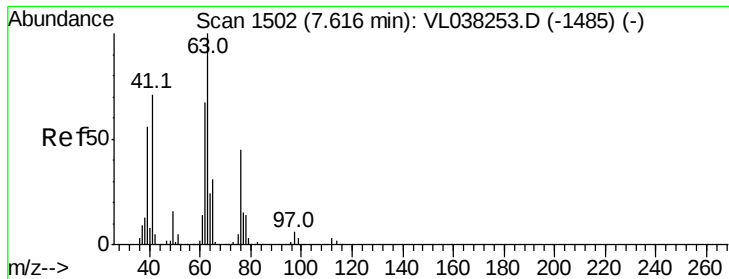
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#38
 Trichloroethene
 Concen: 0.938 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T.: -0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion:130 Resp: 75059
 Ion Ratio Lower Upper
 130 100
 95 112.2 89.4 134.2
 132 99.9 74.6 111.8
 97 73.4 59.6 89.4



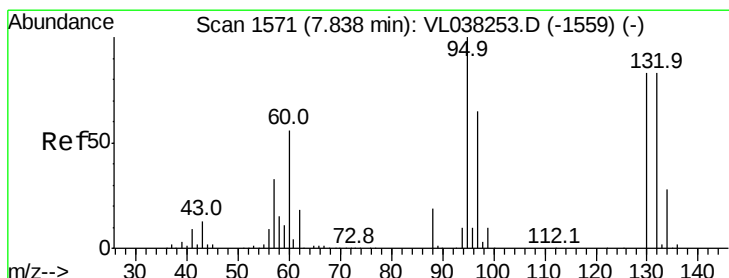
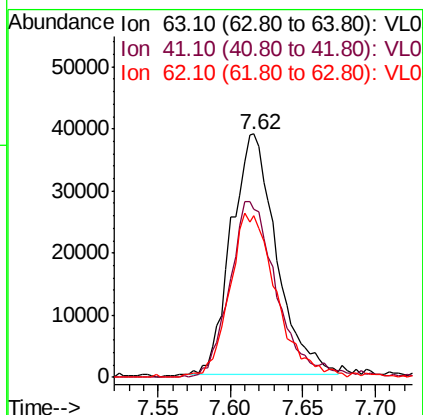
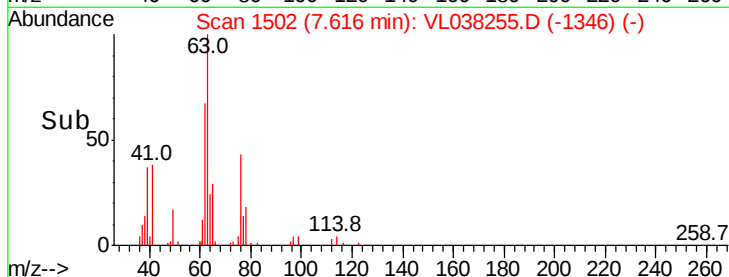
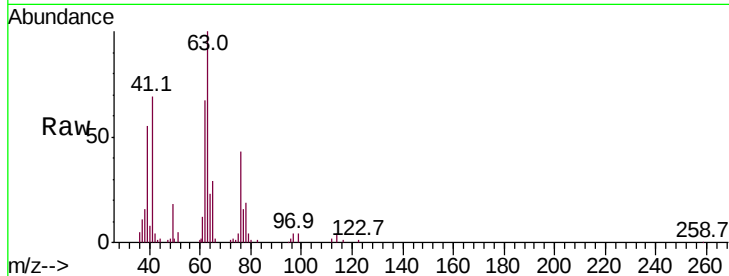


#39
 1,2-Dichloropropane
 Concen: 1.039 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 63 100
 41 70.
 62 65.

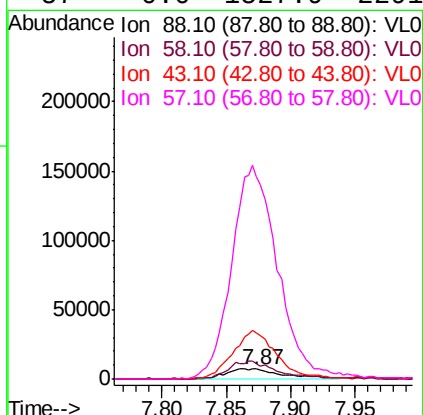
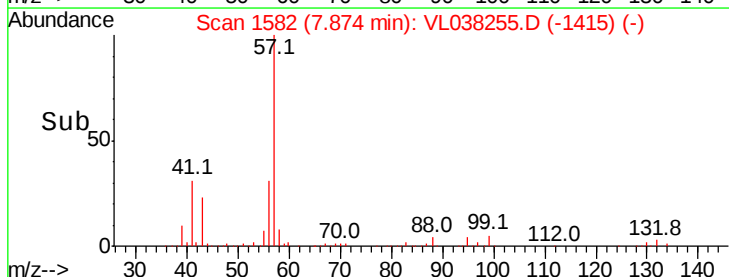
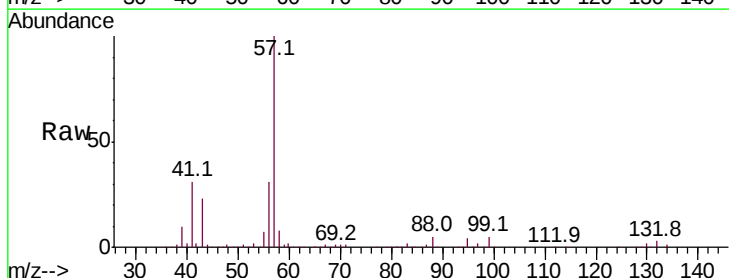
Manual Integrations
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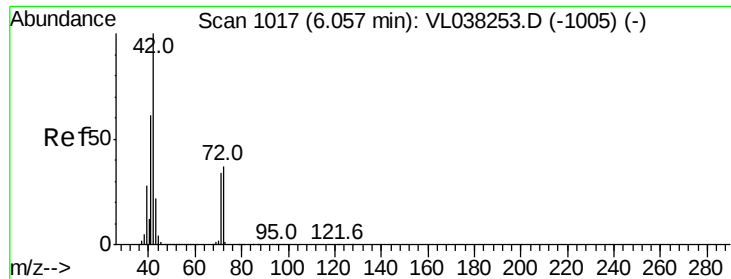
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#40
 1,4-Dioxane
 Concen: 0.957 ppbv m
 RT: 7.87 min Scan# 1582
 Delta R.T. 0.04 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion: 88 Resp: 22517
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#



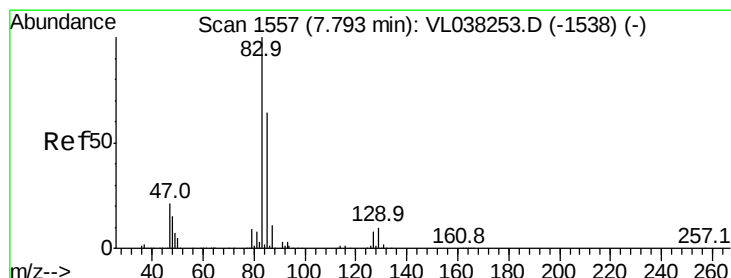
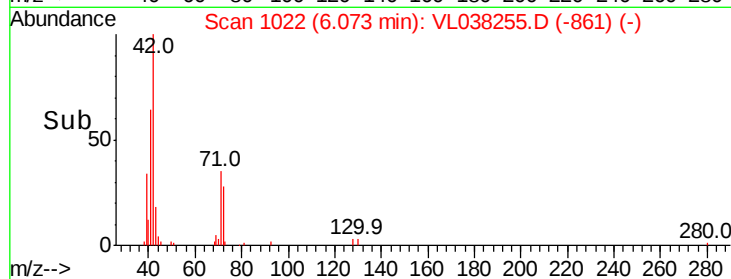
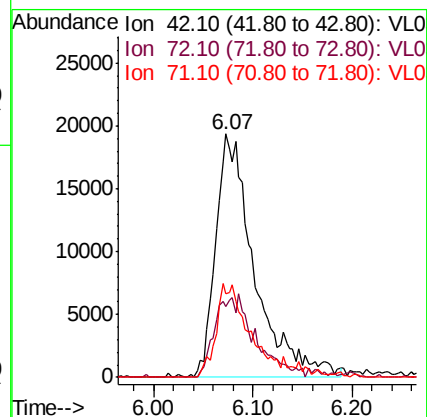
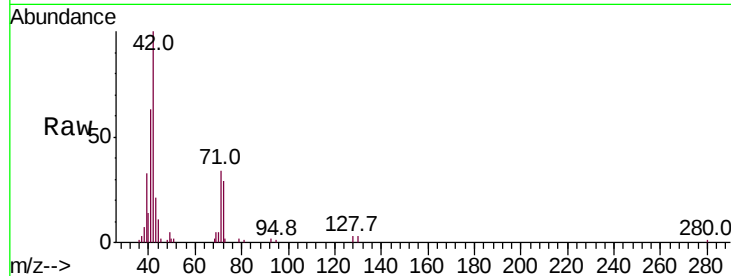


#41
Tetrahydrofuran
Concen: 1.057 ppbv m
RT: 6.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 10:45

Tot Ion:
Ion Ratio
42 100
72 0.
71 36.

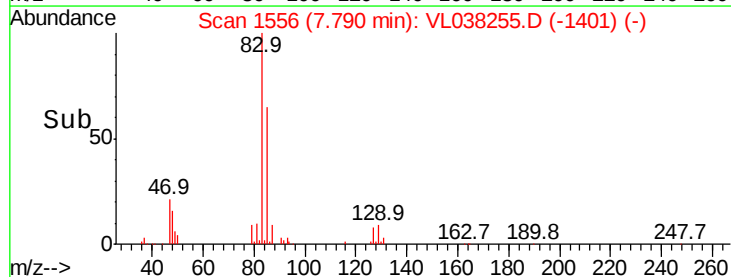
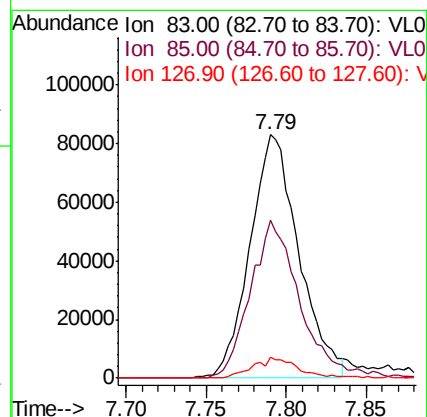
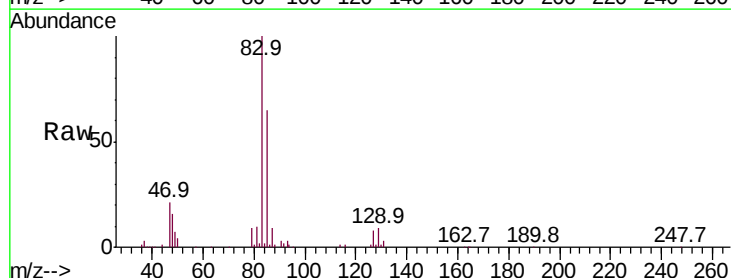
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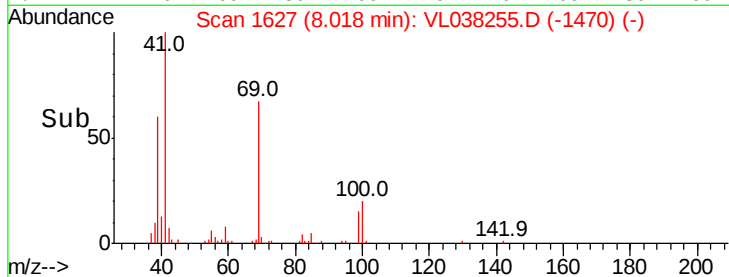
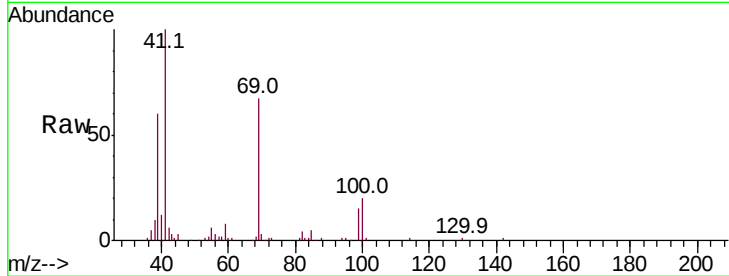
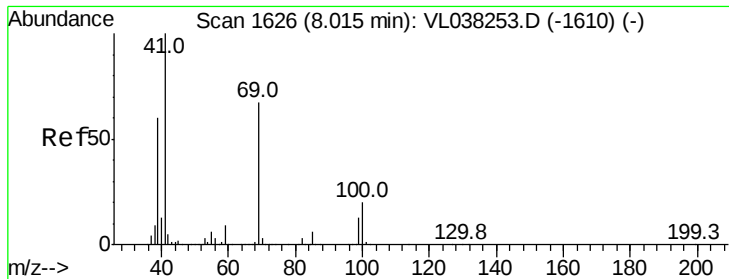
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#42
Bromodichloromethane
Concen: 1.164 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 83 Resp: 174709
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3
127 8.4 6.2 9.4



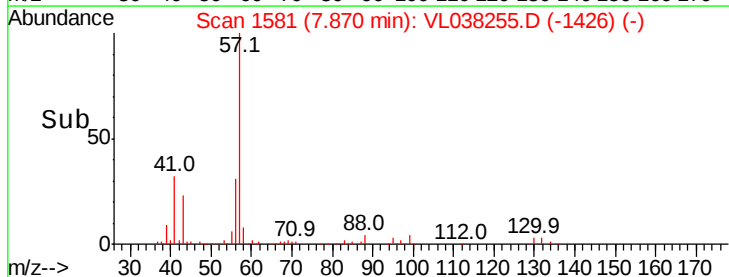
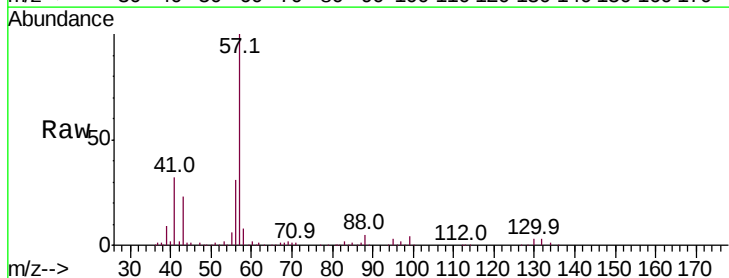
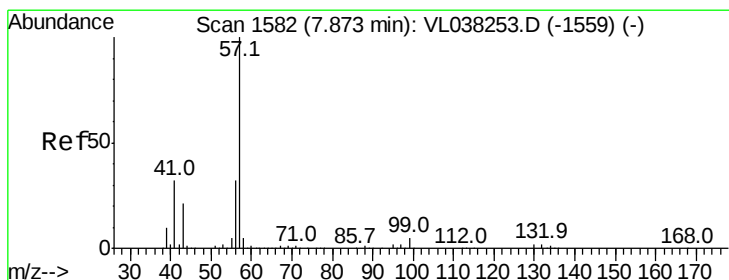
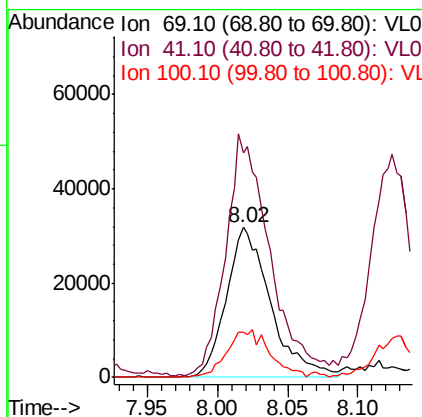


#43
Methyl Methacrylate
Concen: 0.964 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion:
Ion Ratio
69 100
41 164.
100 31.

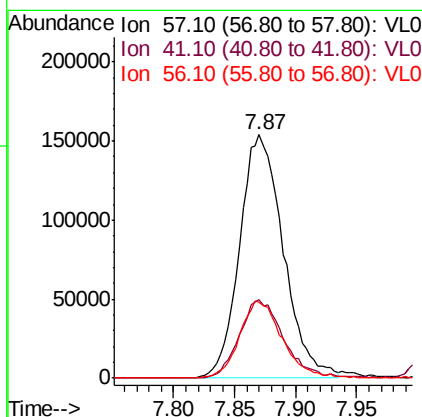
Manual Integrations
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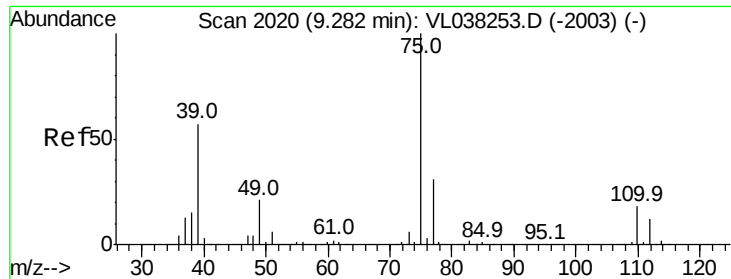
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#44
2,2,4-Trimethylpentane
Concen: 1.067 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 57 Resp: 380997
Ion Ratio Lower Upper
57 100
41 32.9 26.3 39.5
56 31.3 25.2 37.8



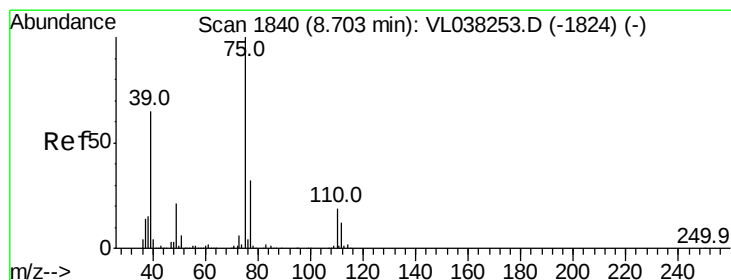
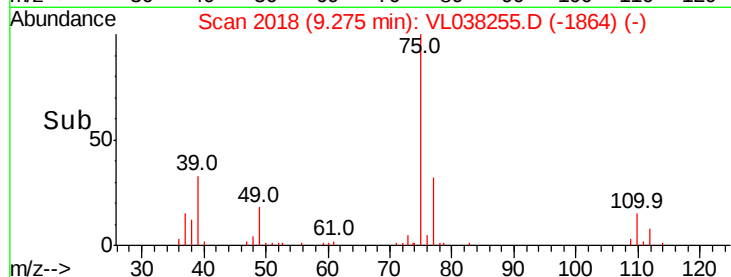
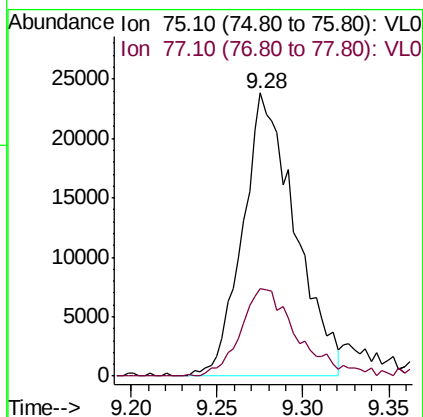
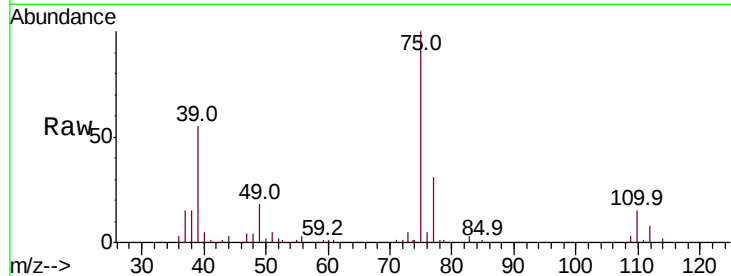


#45
 t-1,3-Dichloropropene
 Concen: 0.944 ppbv
 RT: 9.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 75 100
 77 31.

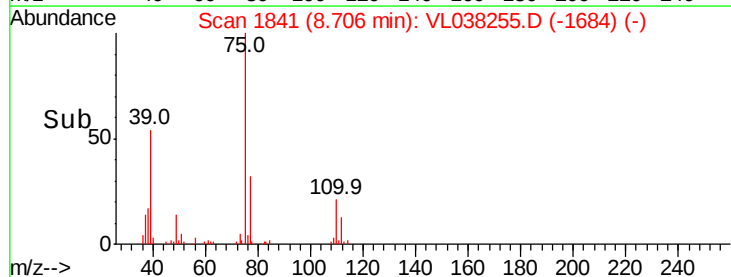
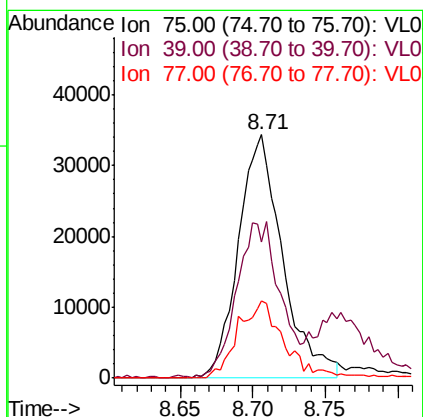
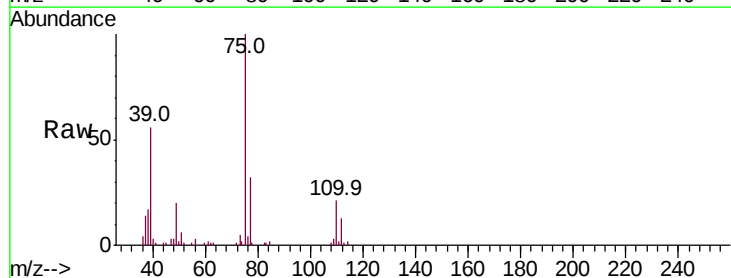
Manual Integrations
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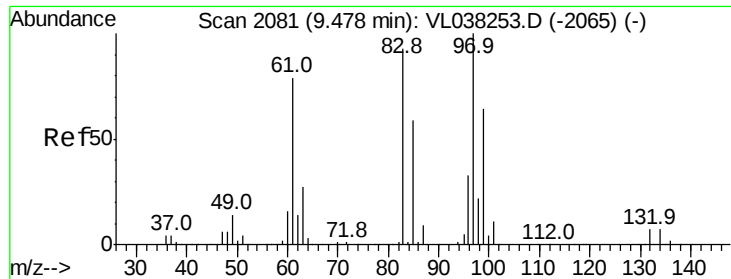
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#46
 cis-1,3-Dichloropropene
 Concen: 0.983 ppbv m
 RT: 8.71 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion: 75 Resp: 72887
 Ion Ratio Lower Upper
 75 100
 39 55.8 52.3 78.5
 77 31.6 25.4 38.0



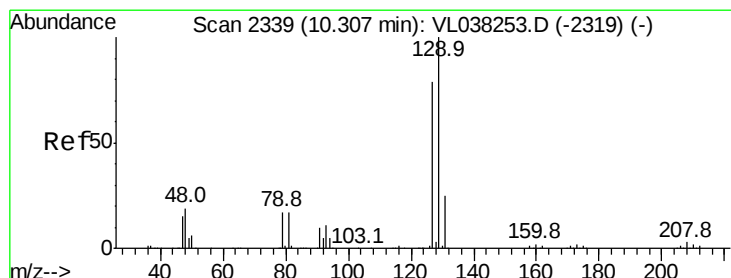
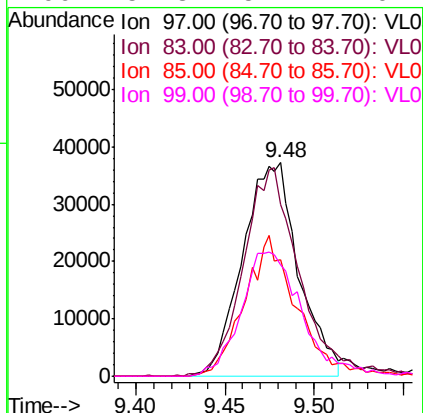
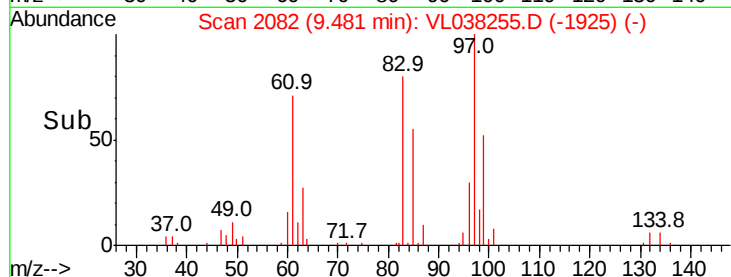
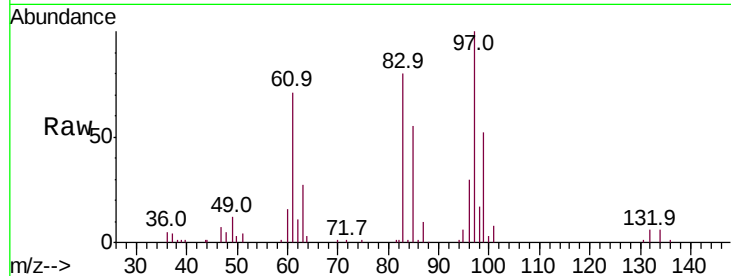


#47
 1,1,2-Trichloroethane
 Concen: 0.973 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 97 100
 83 79.
 85 54.
 99 52.3 51.1 76.7

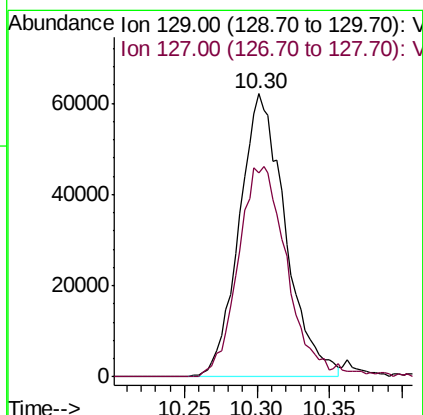
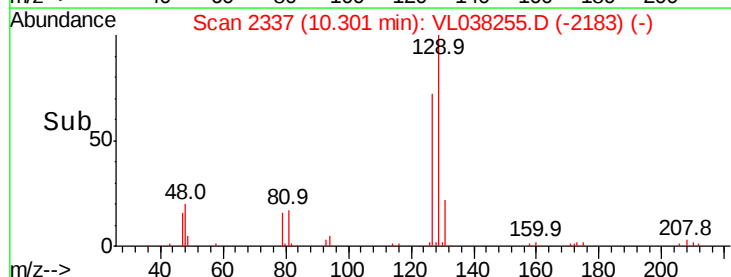
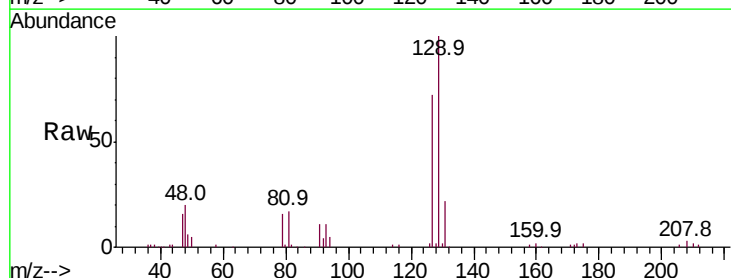
Manual Integrations
 APPROVED

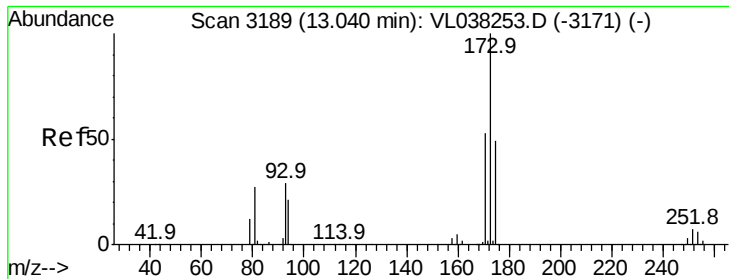
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#48
 Dibromochloromethane
 Concen: 1.159 ppbv
 RT: 10.30 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion:129 Resp: 136861
 Ion Ratio Lower Upper
 129 100
 127 80.7 39.1 117.3





#49

Bromoform

Concen: 1.157 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 24 Jan 2022 10:45

Instrument:

MSVOA_L

ClientSampleId:

VSTDIC001

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022

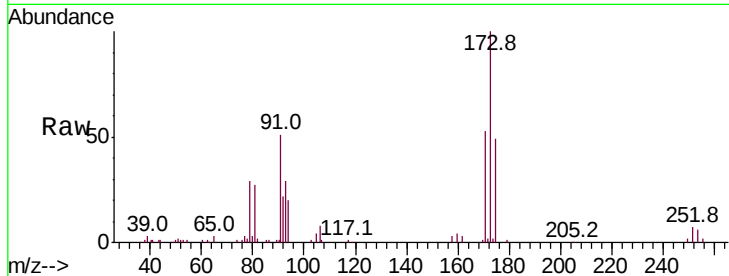
Tot Ion:1

Ion Rati

173 100

175 52.

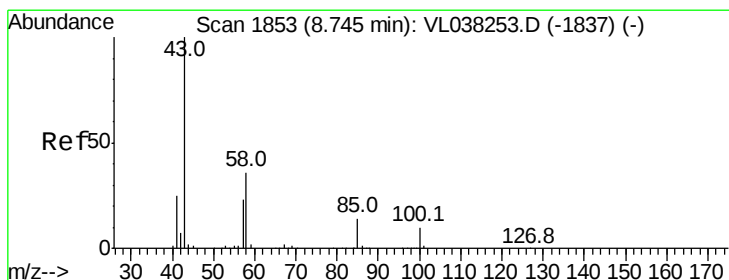
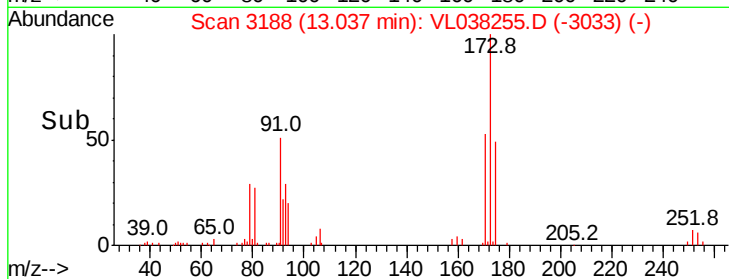
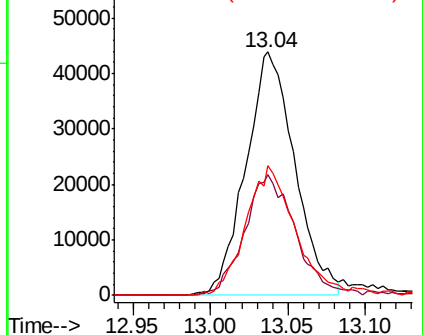
171 55.



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: 1.103 ppbv m

RT: 8.76 min Scan# 1857

Delta R.T. 0.01 min

Lab File: VL038255.D

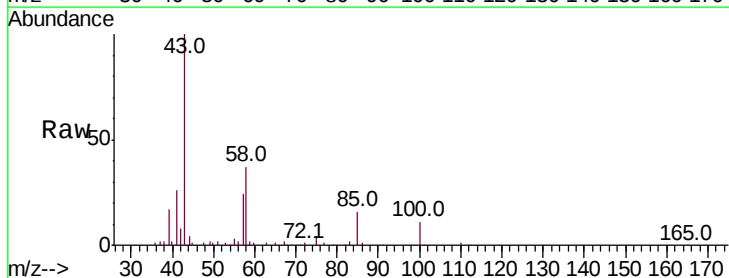
Acq: 24 Jan 2022 10:45

Tgt Ion: 43 Resp: 135819

Ion Ratio Lower Upper

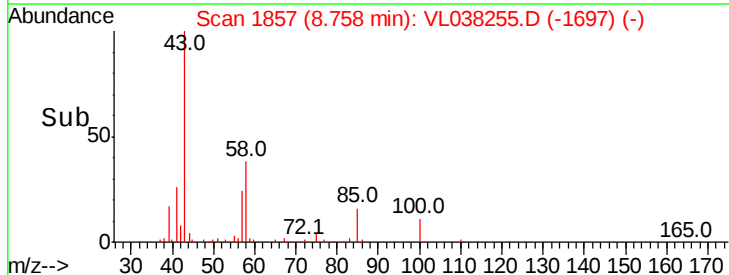
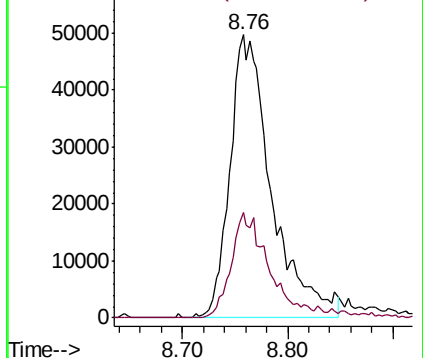
43 100

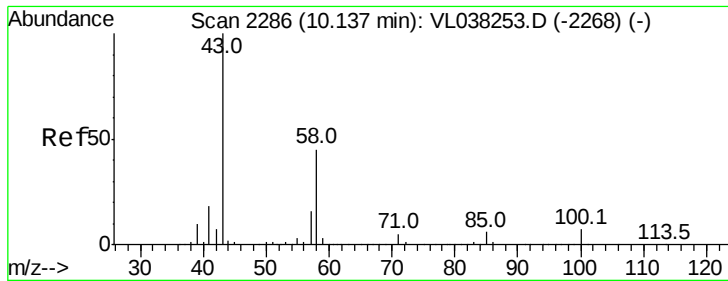
58 35.6 28.2 42.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 0.963 ppbv m

RT: 10.16

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Jan 2022 10:45

Tot Ion:

Ion Ratio

43 100

58 43.

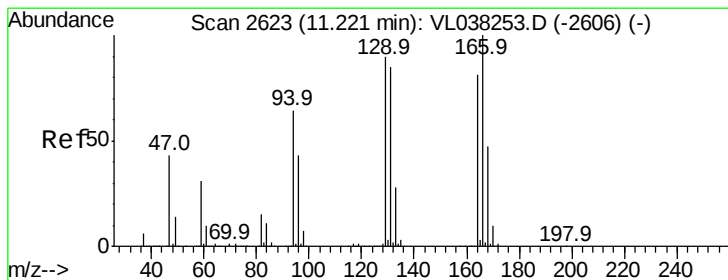
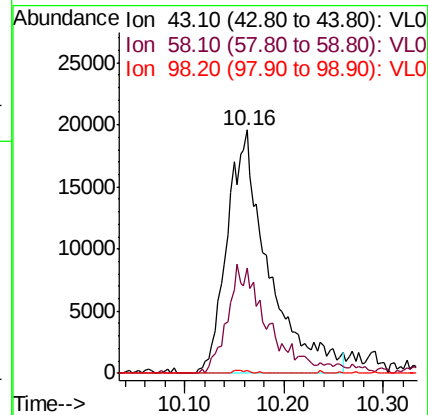
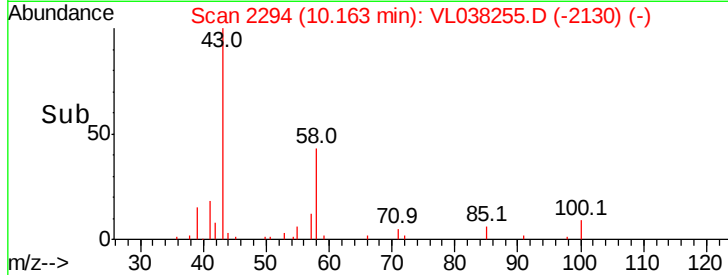
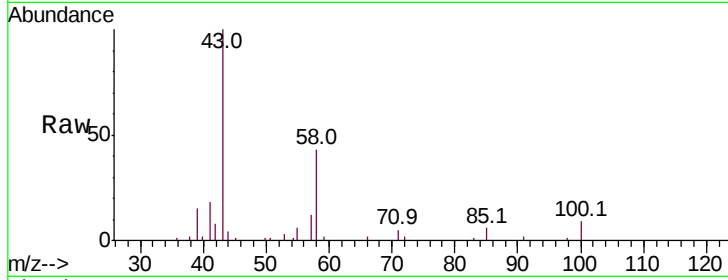
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#52

Tetrachloroethene

Concen: 0.901 ppbv

RT: 11.22 min Scan# 2624

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

Tgt Ion:164 Resp: 69908

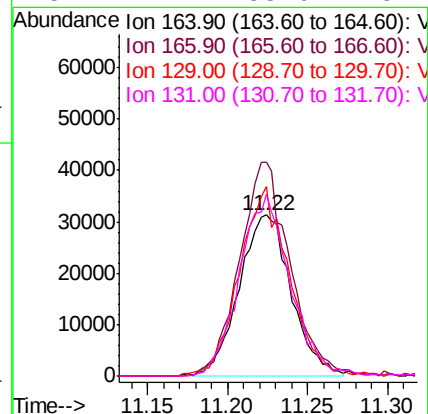
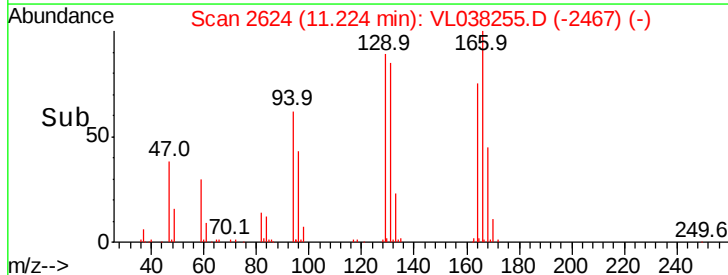
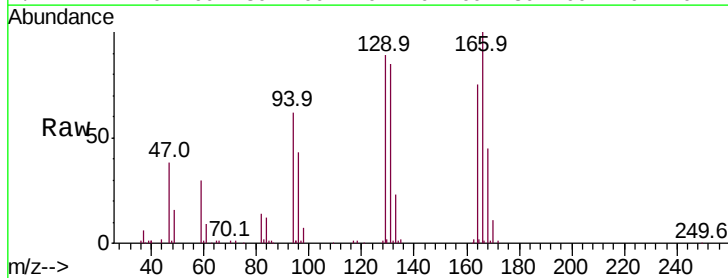
Ion Ratio Lower Upper

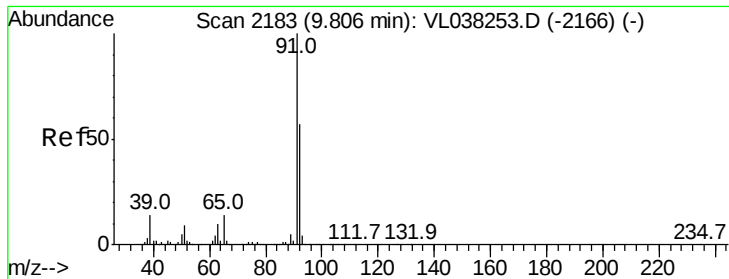
164 100

166 131.4 98.8 148.2

129 115.4 89.2 133.8

131 112.4 83.6 125.4





#53

Toluene

Concen: 0.948 ppbv

RT: 9.81 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 10:45 VSTDIC001

Tot Ion:

Ion Ratio

91 100

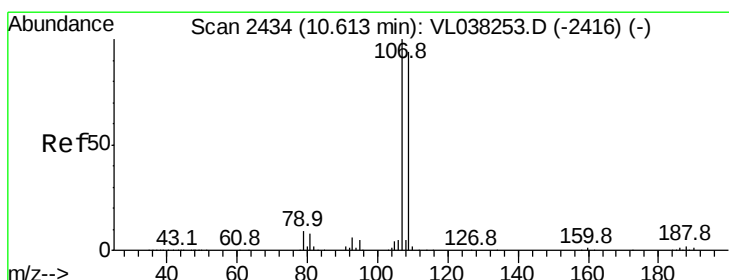
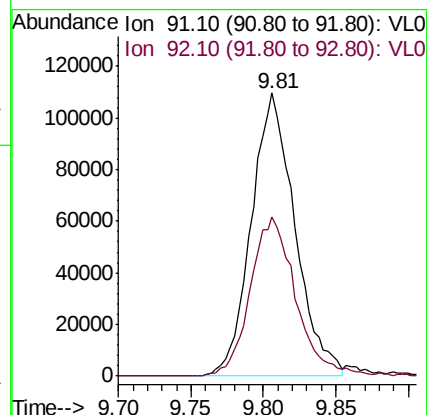
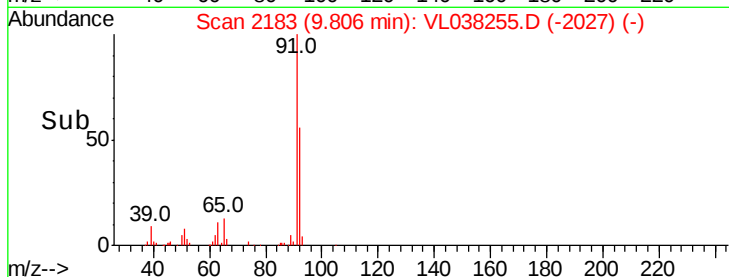
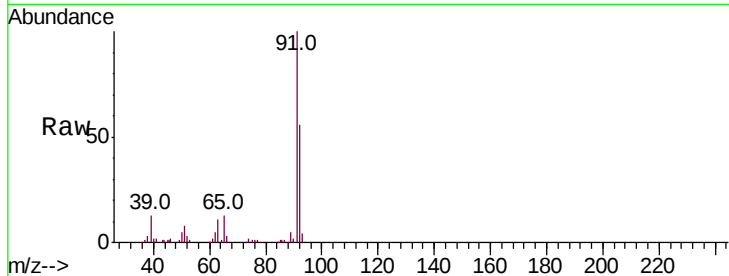
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#54

1,2-Dibromoethane

Concen: 0.971 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL038255.D

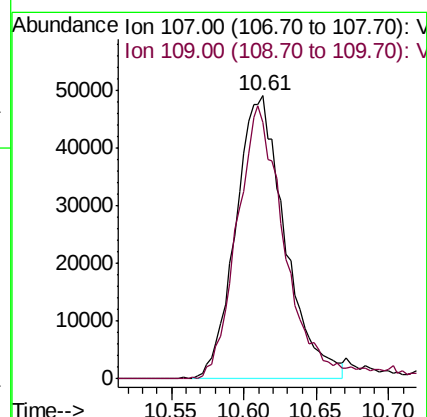
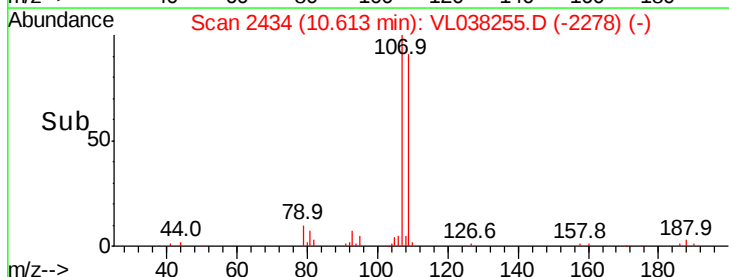
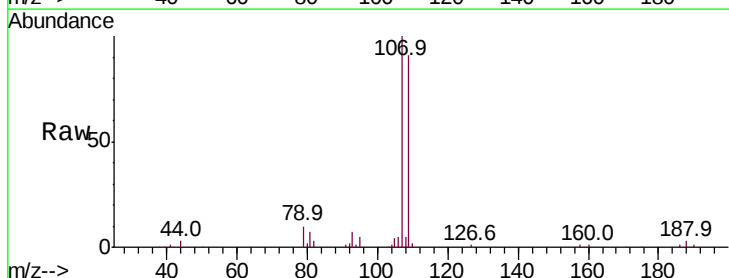
Acq: 24 Jan 2022 10:45

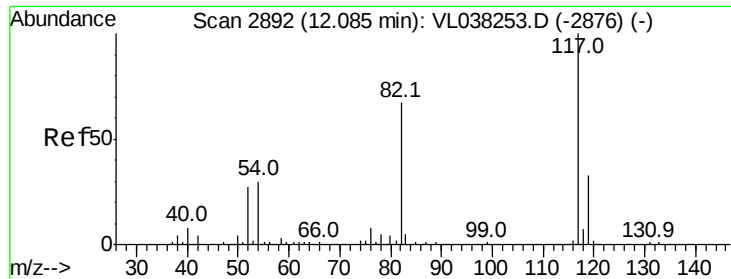
Tgt Ion:107 Resp: 115650

Ion Ratio Lower Upper

107 100

109 90.2 75.4 113.0



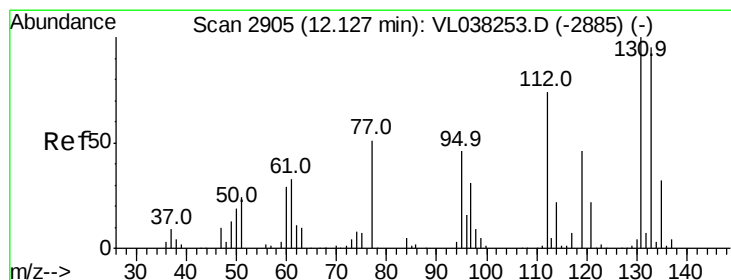
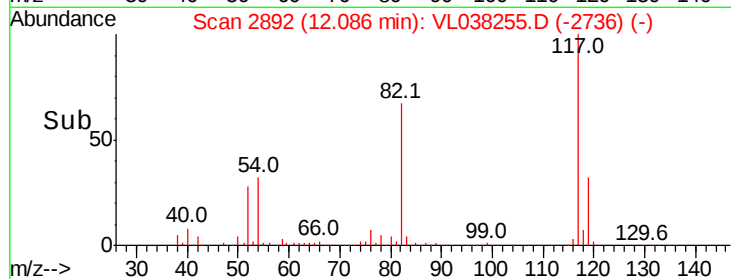
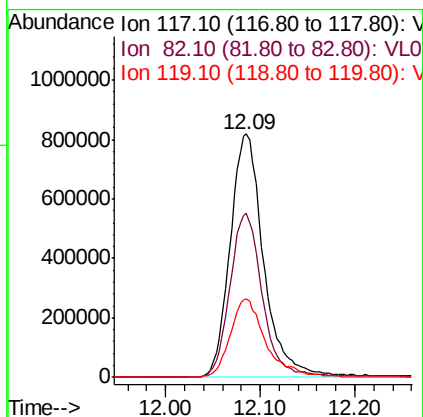
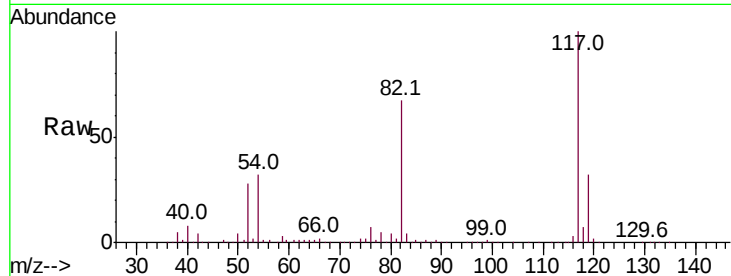


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion:1
Ion Rati
117 100
82 66.
119 34.

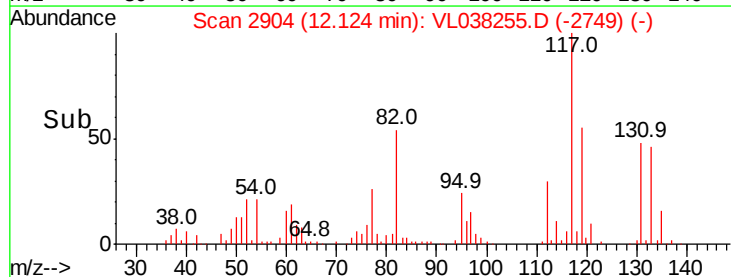
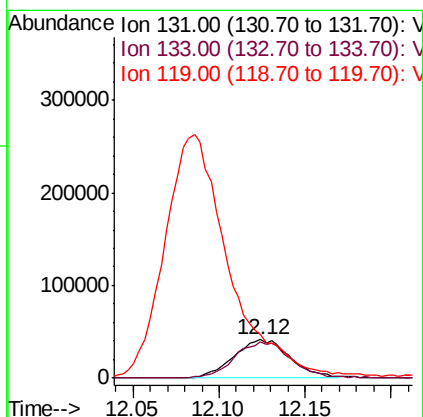
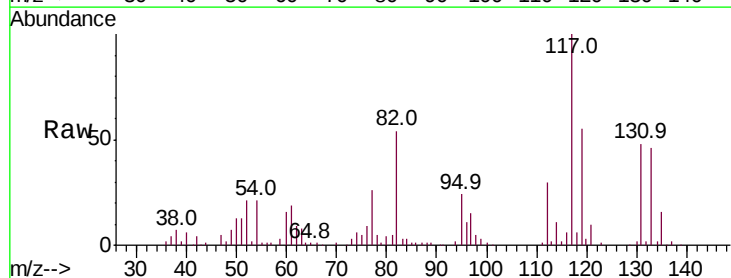
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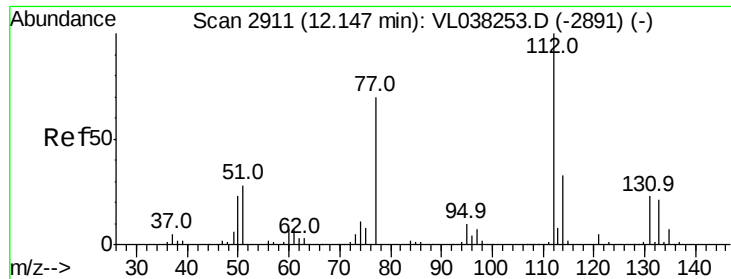
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 1.113 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. -0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion:131 Resp: 93150
Ion Ratio Lower Upper
131 100
133 97.3 76.0 114.0
119 750.6 53.0 79.4#



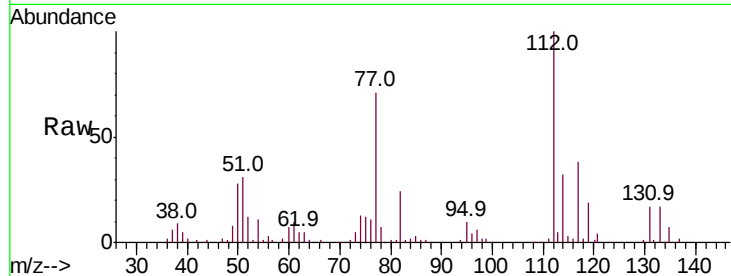


#57
Chlorobenzene
Concen: 1.005 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 24 Jan 2022 10:45

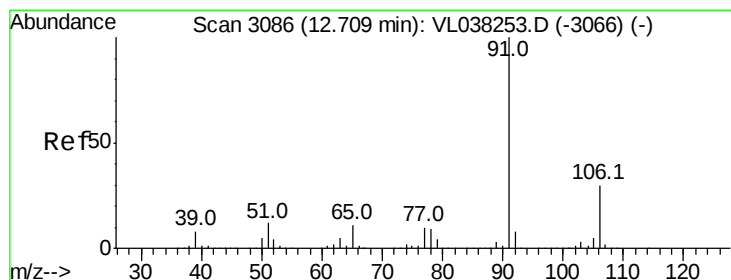
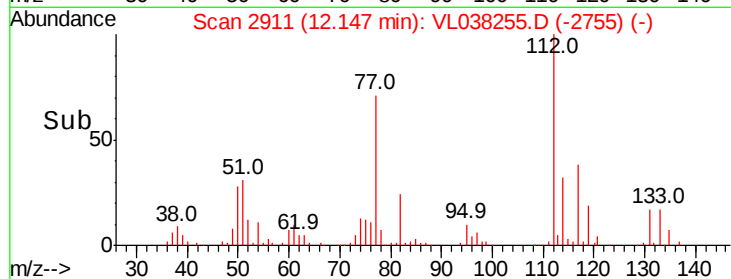
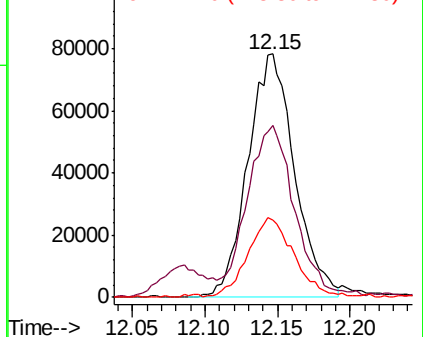
Tot Ion: 1
Ion Ratio
112 100
77 68.
114 30.

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

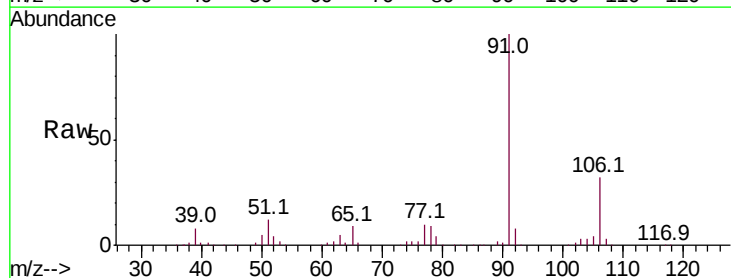


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

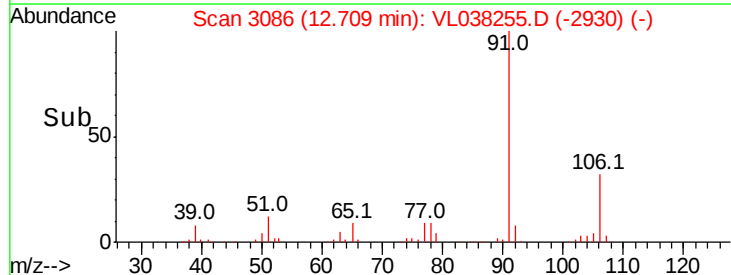
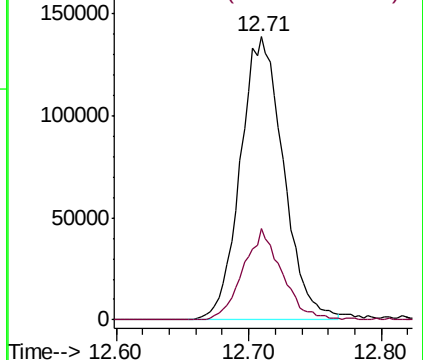


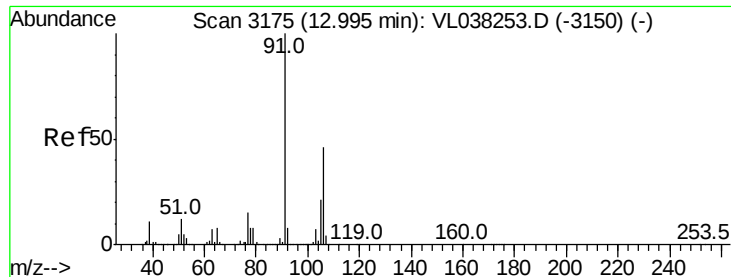
#58
Ethyl Benzene
Concen: 1.002 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 91 Resp: 313026
Ion Ratio Lower Upper
91 100
106 32.1 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V



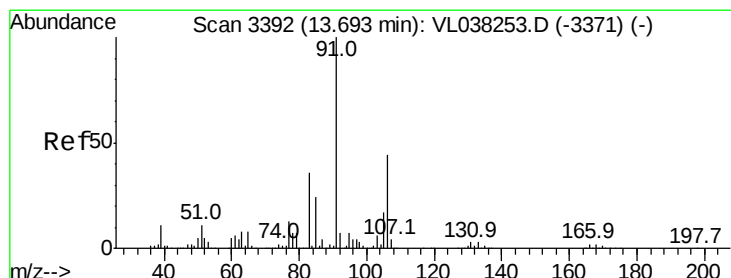
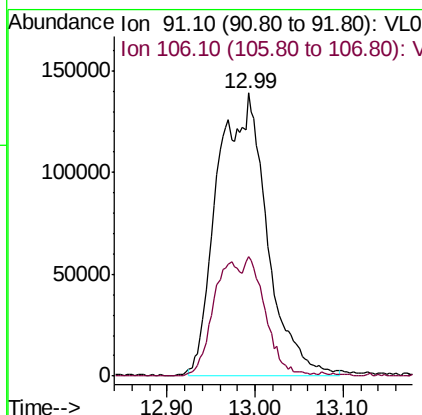
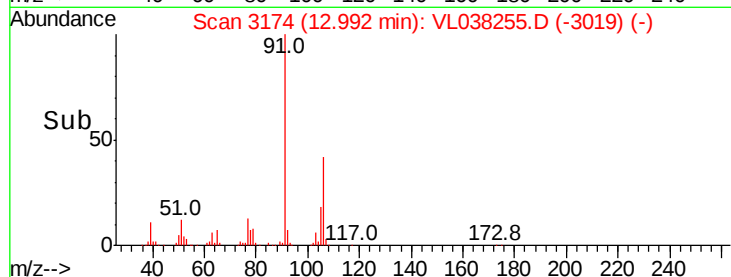
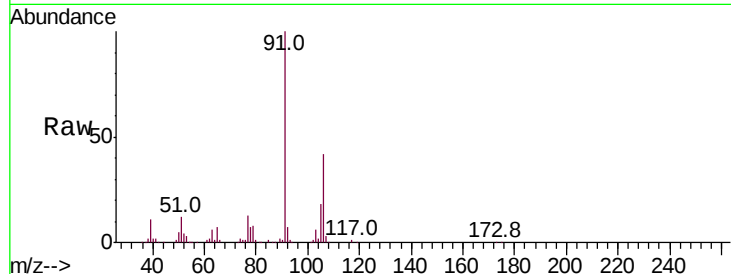


#59
m/p-Xylene
Concen: 2.042 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 24 Jan 2022 10:45
VSTDIC001

Tot Ion:
Ion Ratio
91 100
106 41.

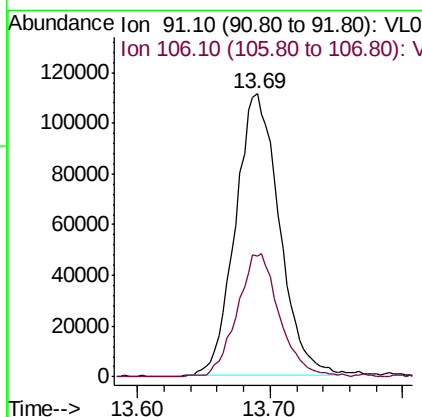
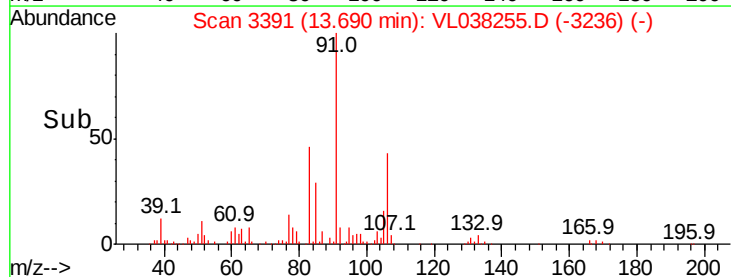
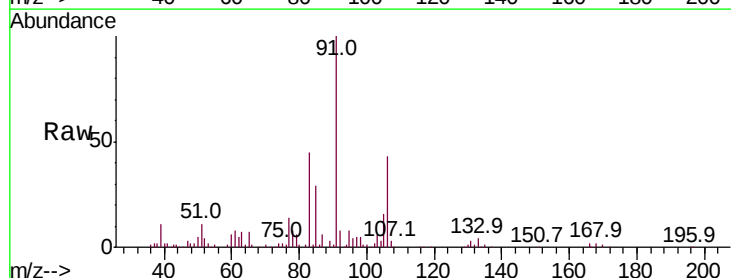
Manual Integrations
APPROVED

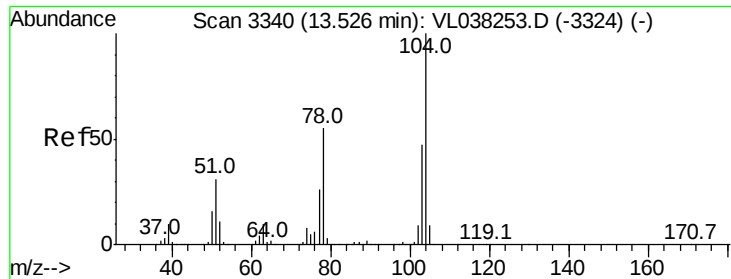
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#60
o-Xylene
Concen: 1.032 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 91 Resp: 255533
Ion Ratio Lower Upper
91 100
106 42.8 22.2 66.6



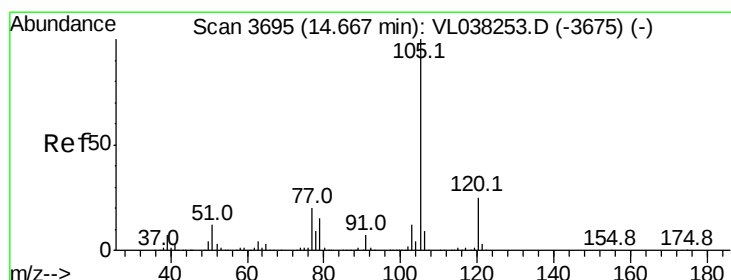
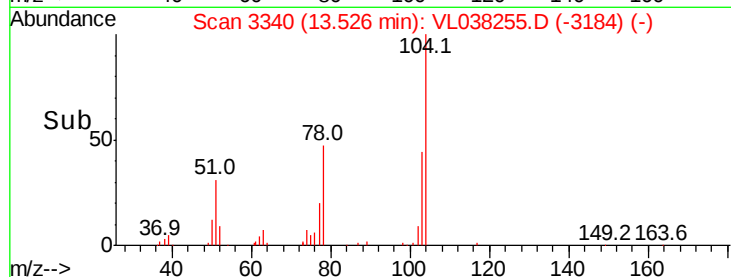
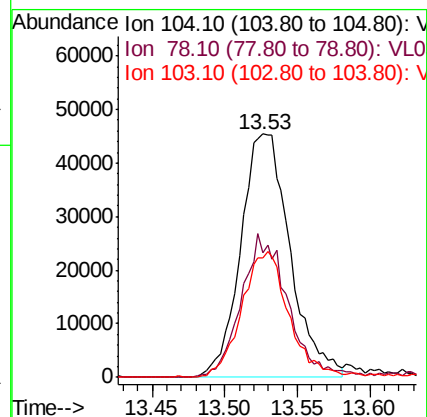
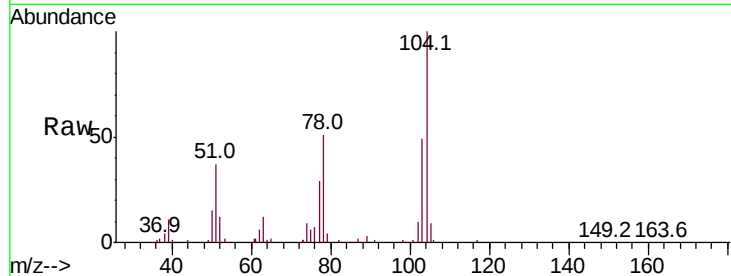


#61
Stvrene
Concen: 0.859 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion:1
Ion Rati
104 100
78 56.
103 50.

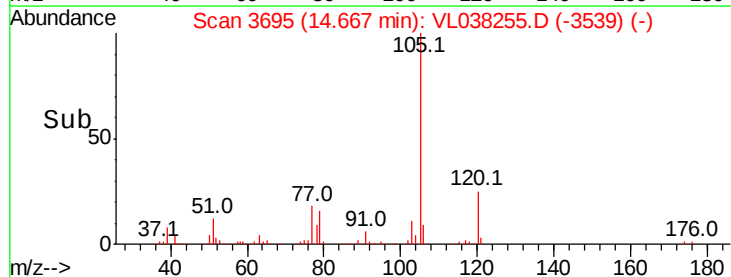
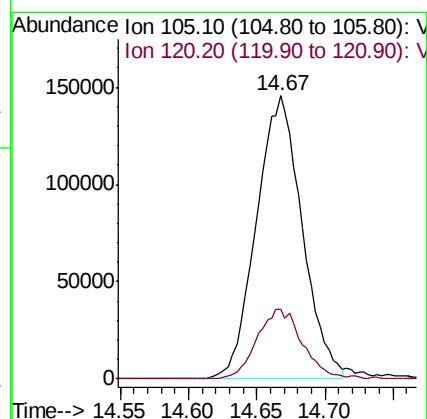
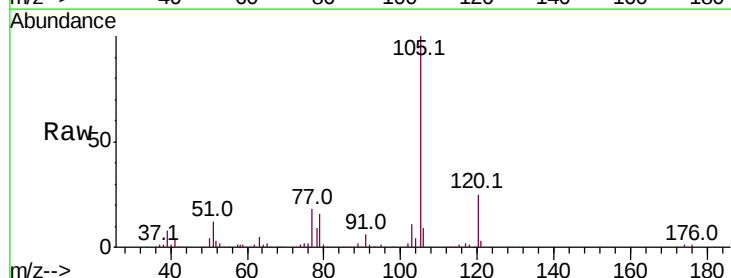
Manual Integrations
APPROVED

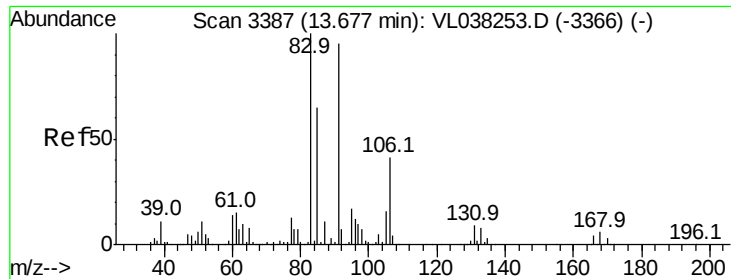
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#62
Isopropylbenzene
Concen: 0.975 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.00 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion:105 Resp: 338637
Ion Ratio Lower Upper
105 100
120 24.9 20.5 30.7



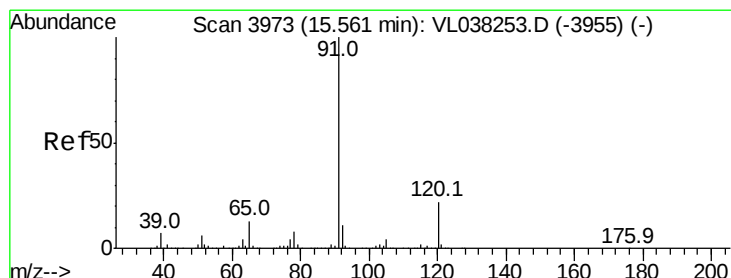
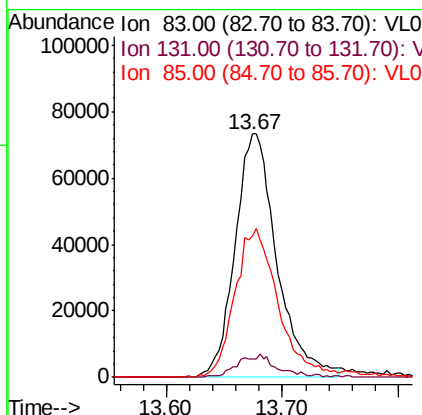
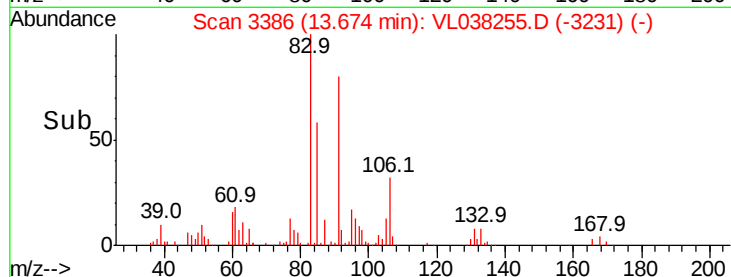
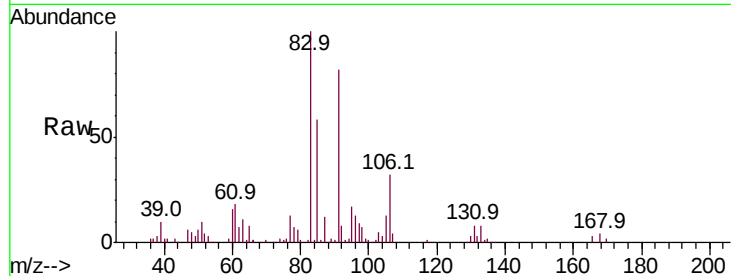


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.966 ppbv
 RT: 13.67 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 83 100
 131 8.
 85 65.

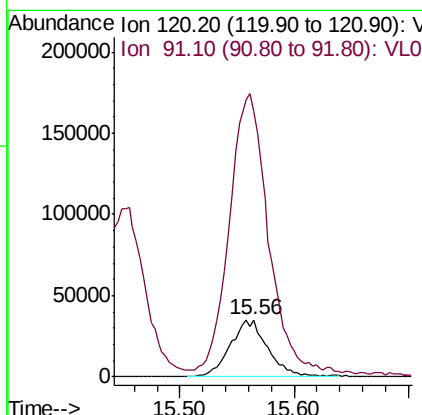
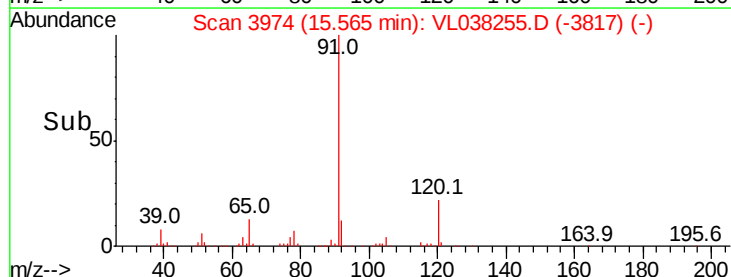
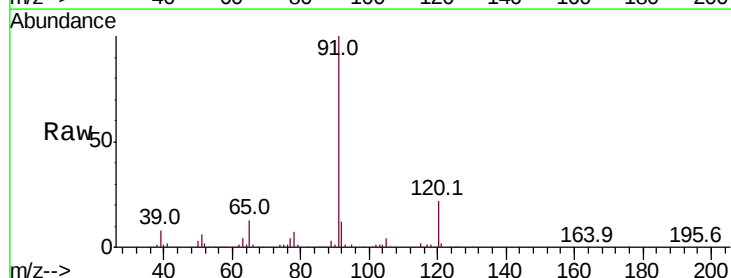
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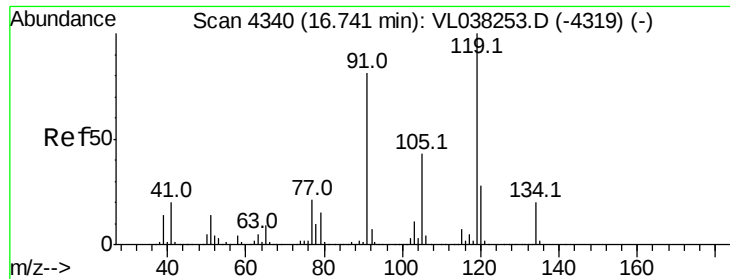
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#64
 n-propylbenzene
 Concen: 0.939 ppbv m
 RT: 15.56 min Scan# 3974
 Delta R.T. 0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion:120 Resp: 81124
 Ion Ratio Lower Upper
 120 100
 91 312.9 390.8 586.2#



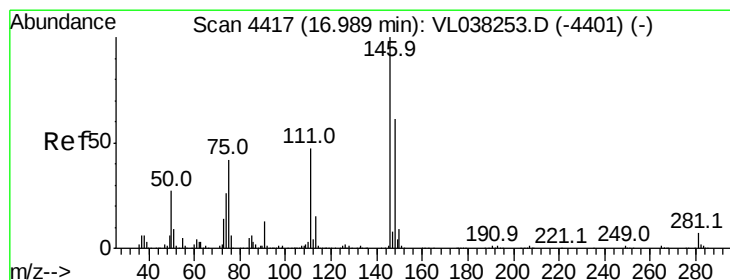
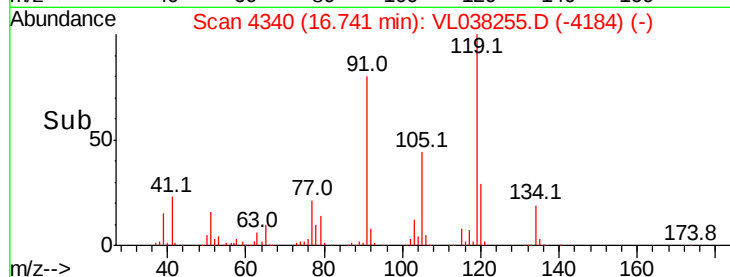
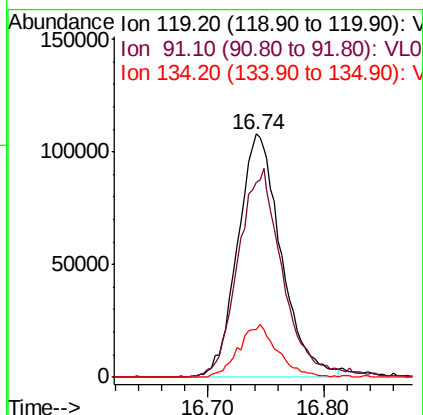
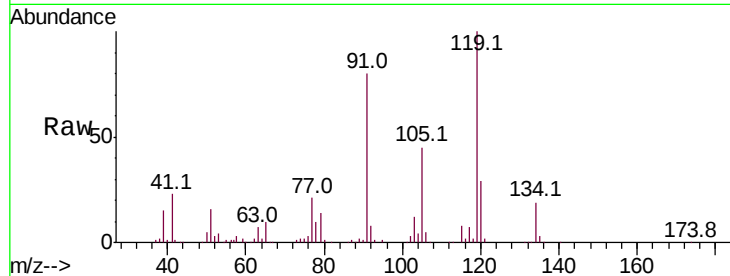


#65
tert-Butylbenzene
Concen: 0.917 ppbv
RT: 16.74 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion: 1
Ion Ratio
119 100
91 89.1
134 19.1

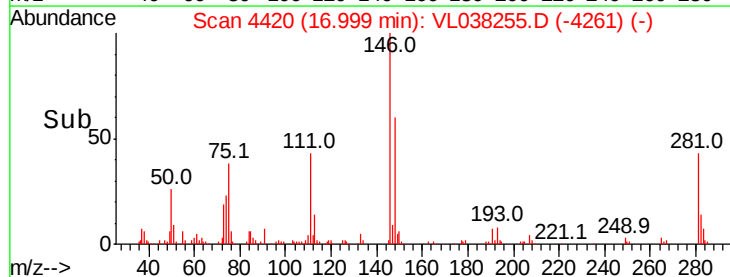
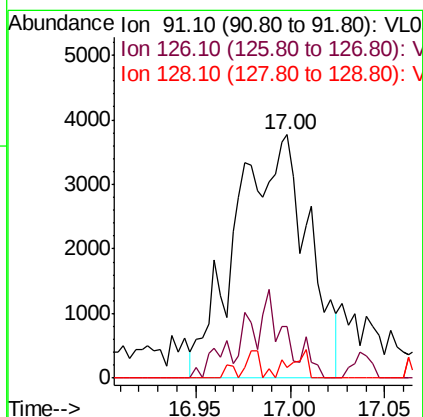
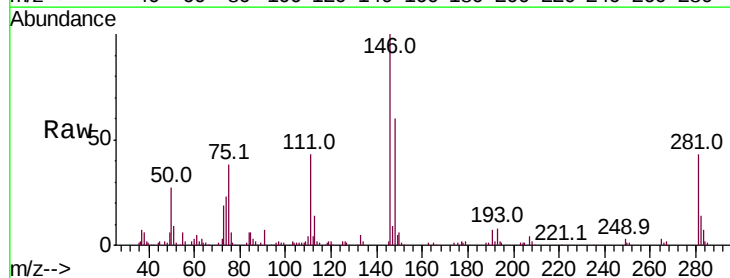
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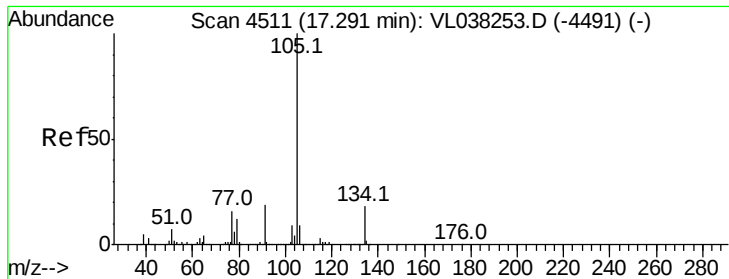
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#66
Benzyl Chloride
Concen: 0.879 ppbv m
RT: 17.00 min Scan# 4420
Delta R.T.: 0.01 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion: 91 Resp: 10015
Ion Ratio Lower Upper
91 100
126 0.0 12.6 18.8#
128 5.1 4.3 6.5





#67

sec-Butylbenzene

Concen: 0.931 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 24 Jan 2022 10:45

Tot Ion:1

Ion Ratio

105 100

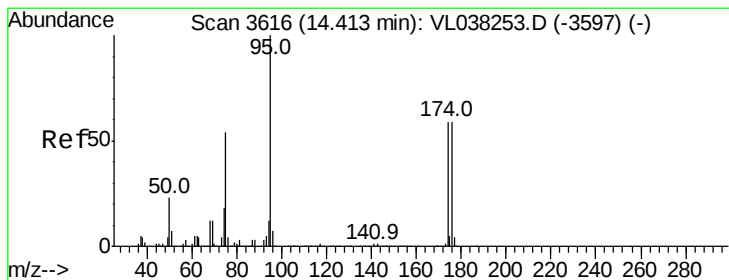
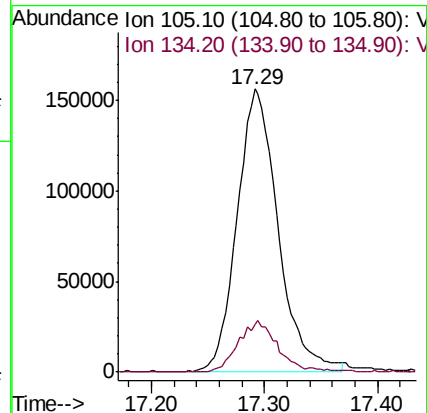
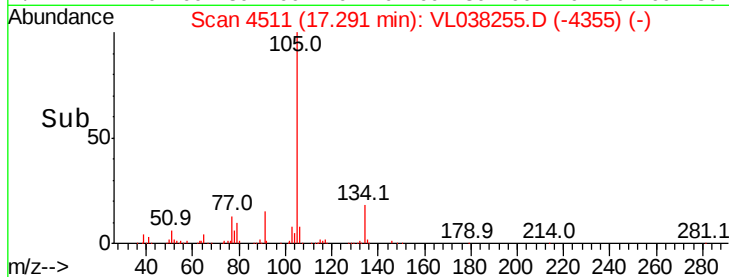
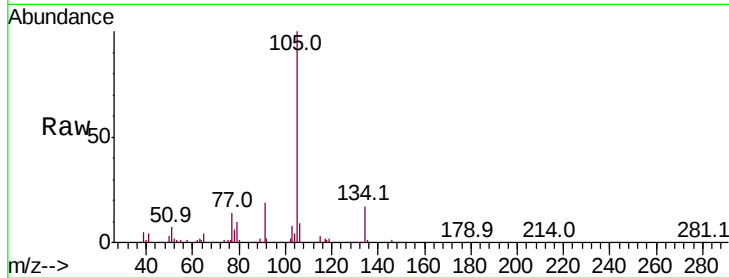
134 18.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.764 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. 0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

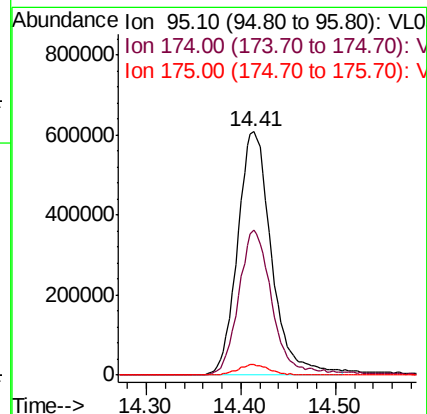
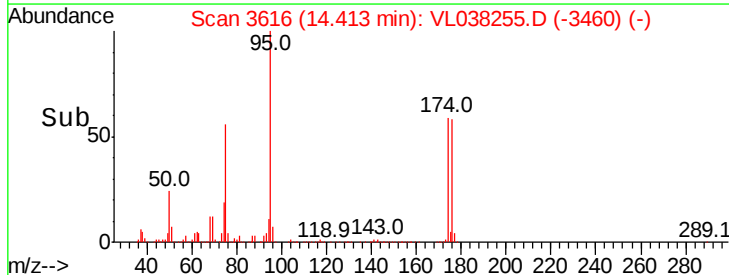
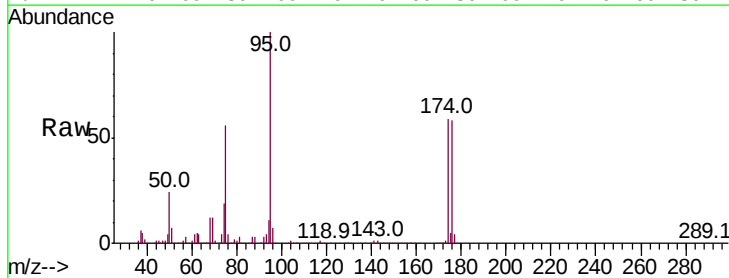
Tgt Ion: 95 Resp: 1513997

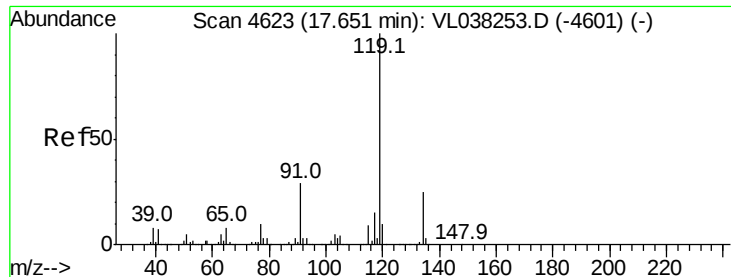
Ion Ratio Lower Upper

95 100

174 60.1 48.3 72.5

175 4.4 3.5 5.3



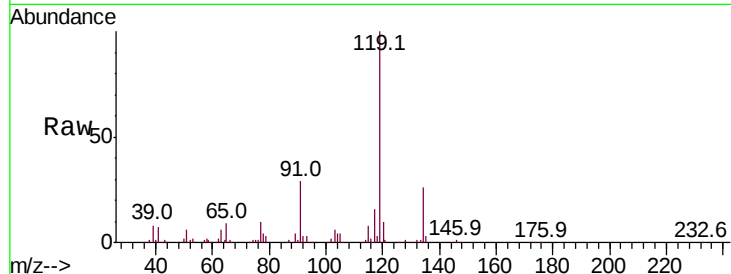


#69
 p-Isopropyltoluene
 Concen: 0.850 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

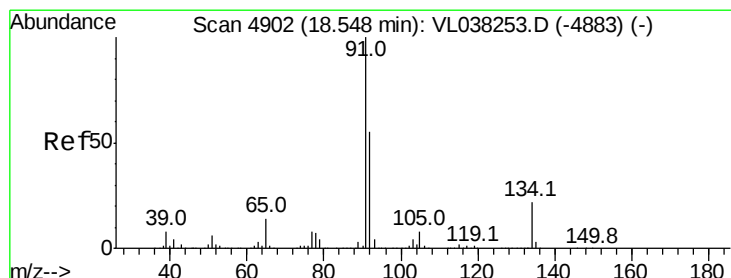
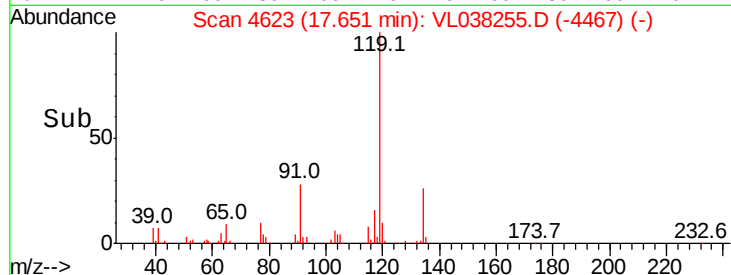
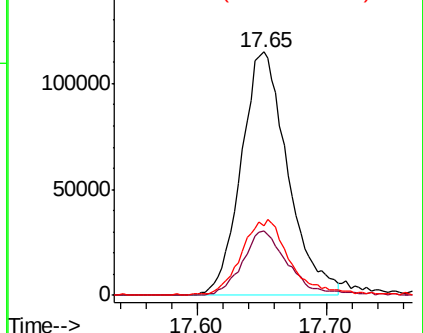
Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 33.

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 Supervised By :Mahesh Dadoda 01/26/2022

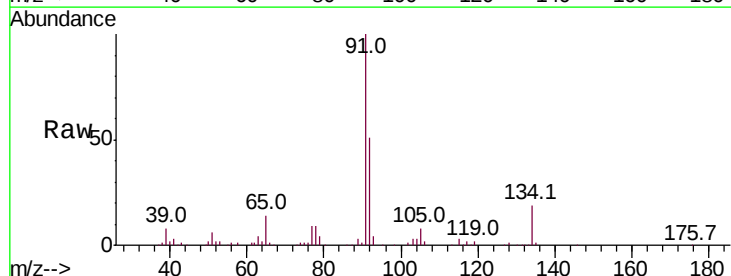


Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0

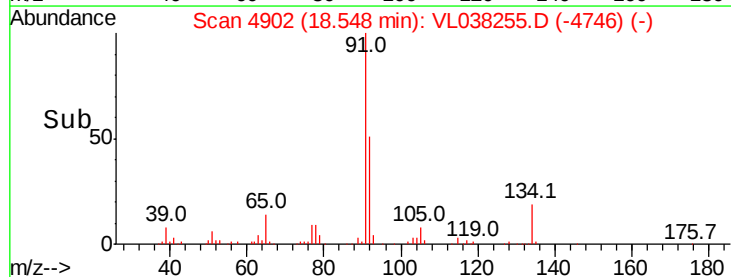
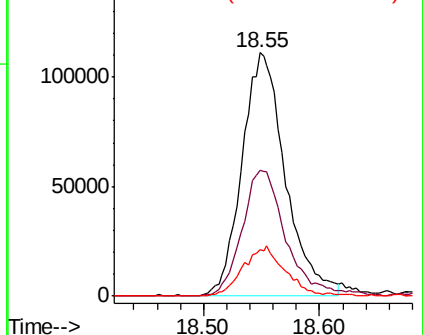


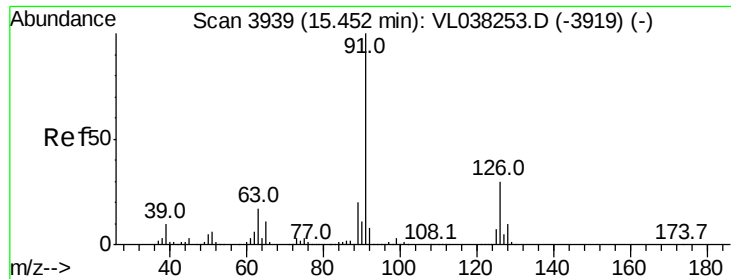
#70
 n-Butylbenzene
 Concen: 0.900 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. 0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion: 91 Resp: 289169
 Ion Ratio Lower Upper
 91 100
 92 52.5 43.4 65.0
 134 20.3 17.3 25.9



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0



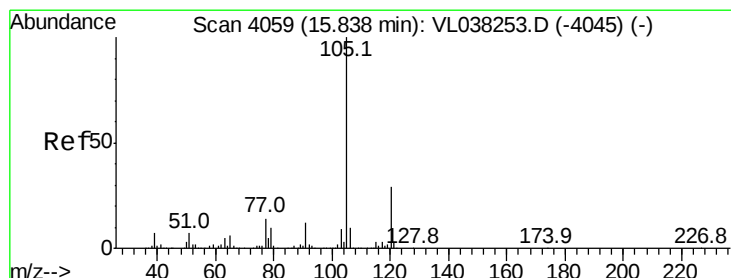
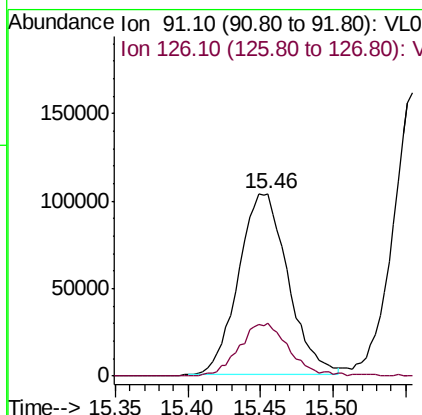
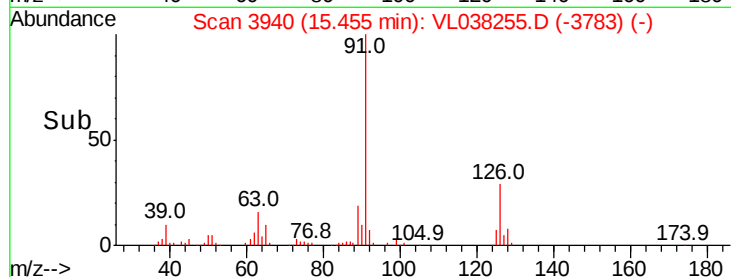
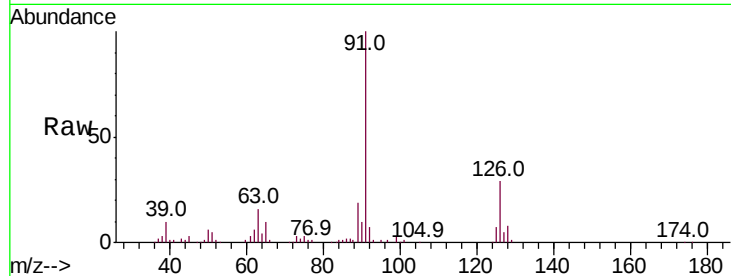


#71
 2-Chlorotoluene
 Concen: 0.952 ppbv
 RT: 15.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:
 Ion Ratio
 91 100
 126 29.

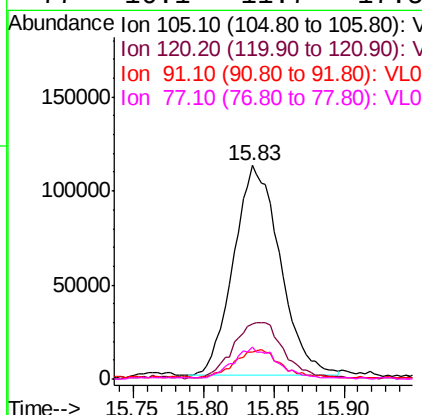
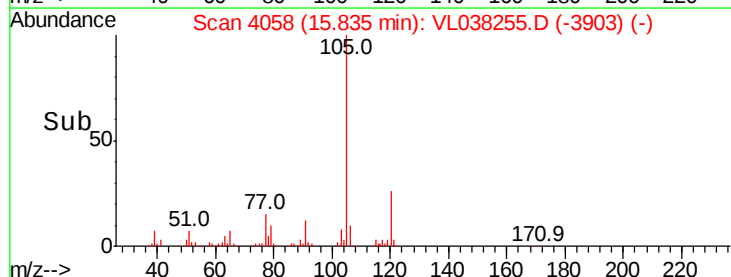
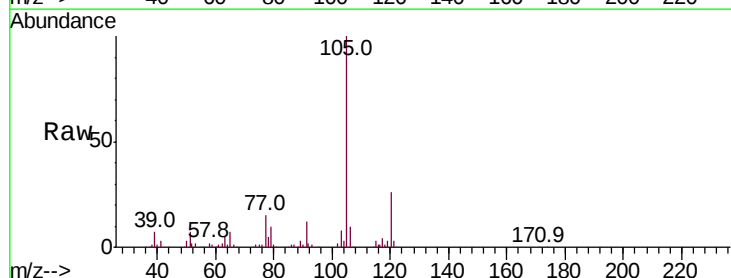
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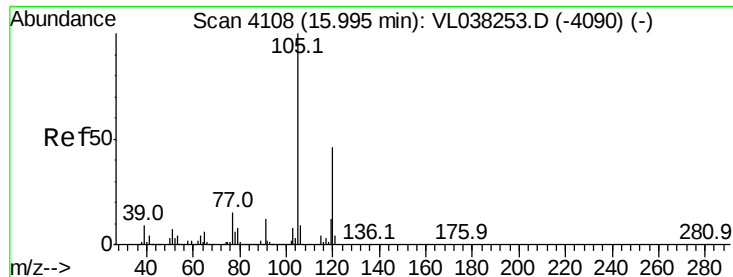
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#72
 4-Ethyltoluene
 Concen: 0.903 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.00 min
 Lab File: VL038255.D
 Acq: 24 Jan 2022 10:45

Tgt Ion:105 Resp: 257446
 Ion Ratio Lower Upper
 105 100
 120 30.3 23.8 35.8
 91 14.6 10.2 15.4
 77 16.1 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.922 ppbv

RT: 16.00

Instrument: MSVOA_1

Delta R.T.:

Client Sample ID:

Lab File: VSTDIC001

Acq: 24 Jan 2022 10:45

Tot Ion:1

Ion Ratio

105 100

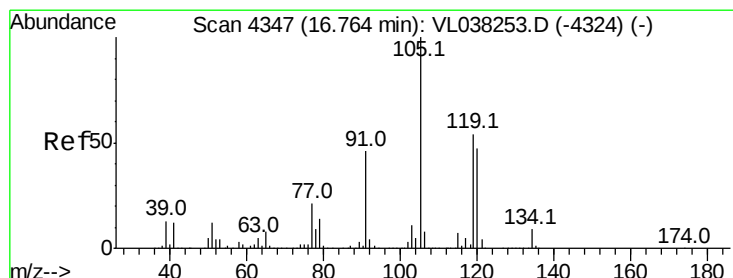
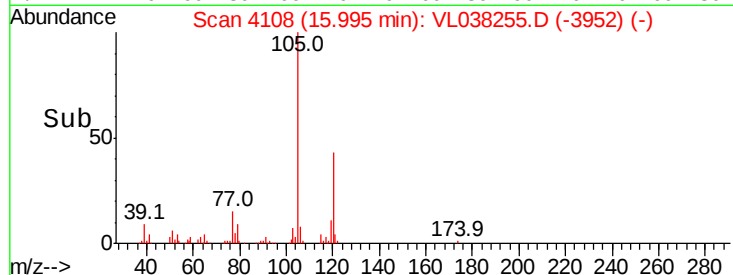
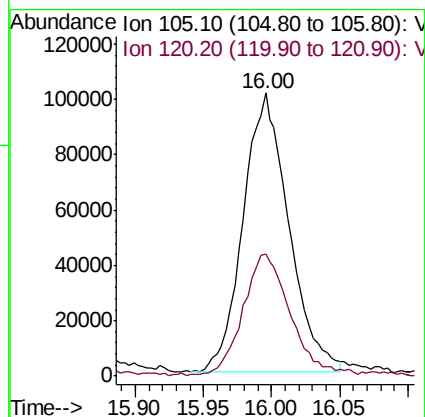
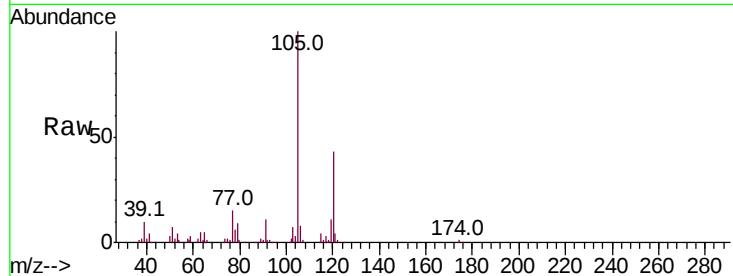
120 43.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.927 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

Tgt Ion:105 Resp: 248463

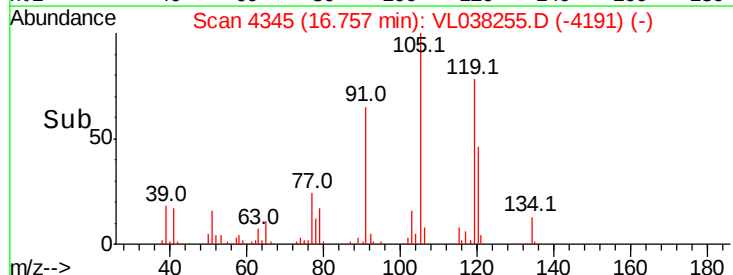
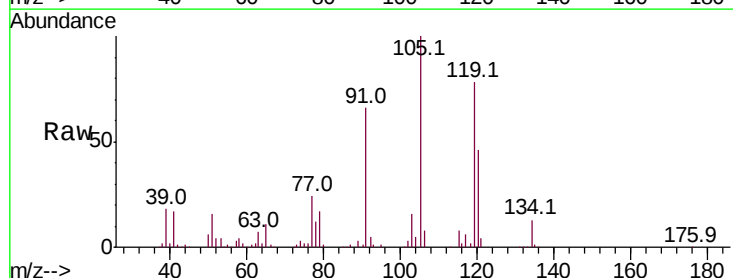
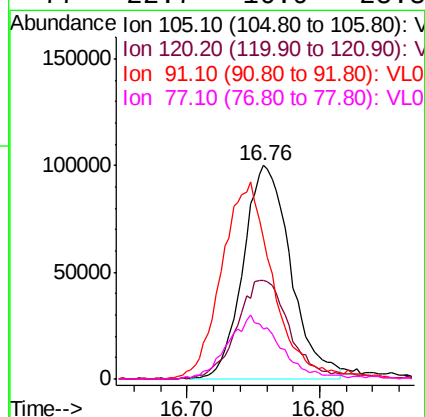
Ion Ratio Lower Upper

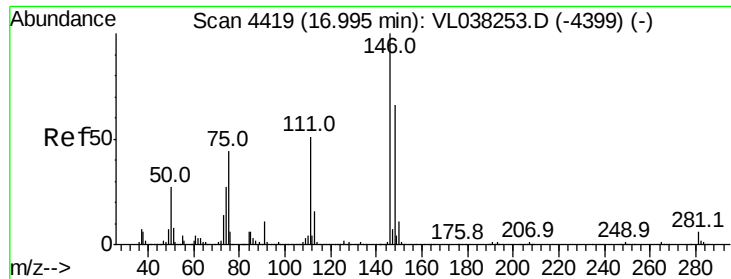
105 100

120 45.5 37.2 55.8

91 62.9 36.6 55.0#

77 22.7 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 0.912 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 10:45

Tot Ion:1

Ion Rati

146 100

111 48.

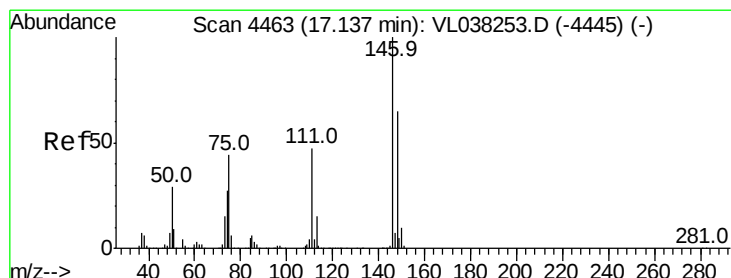
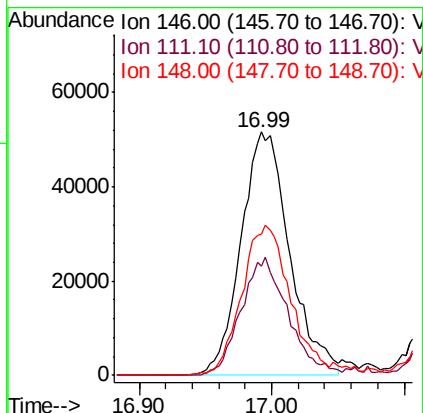
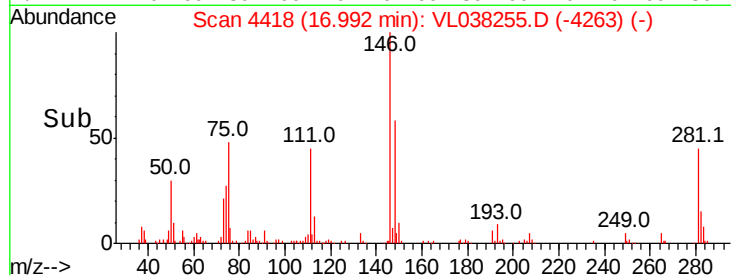
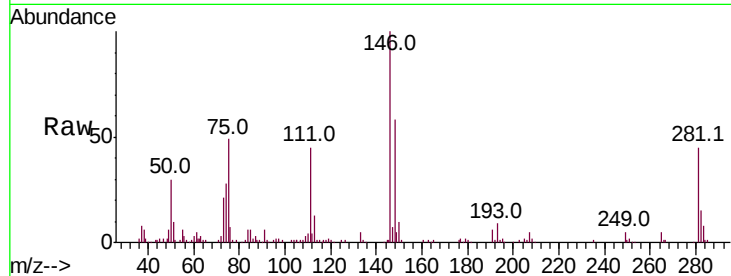
148 63.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#76

1,4-Dichlorobenzene

Concen: 0.908 ppbv m

RT: 17.13 min Scan# 4461

Delta R.T. -0.01 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

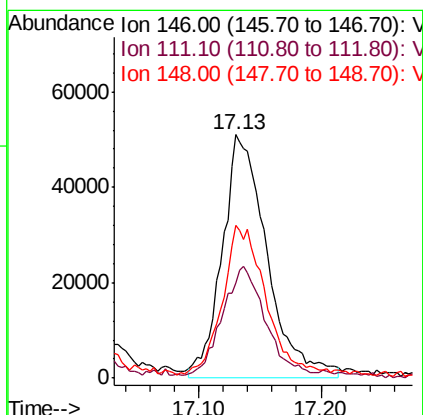
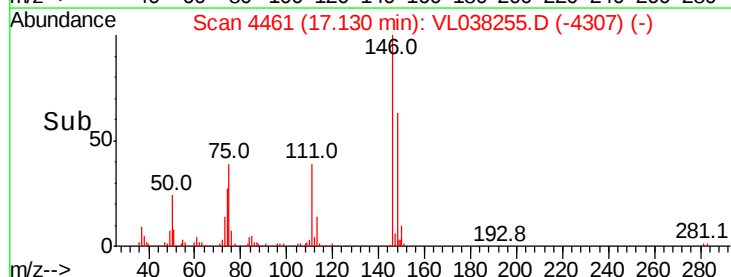
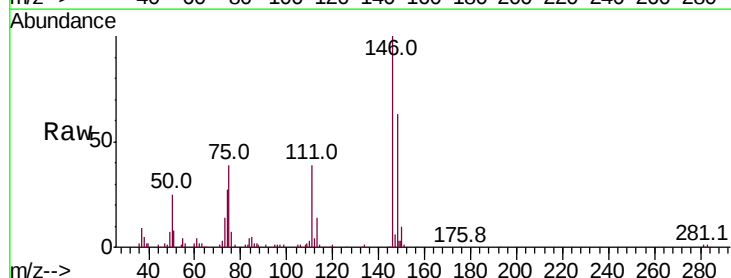
Tgt Ion:146 Resp: 130338

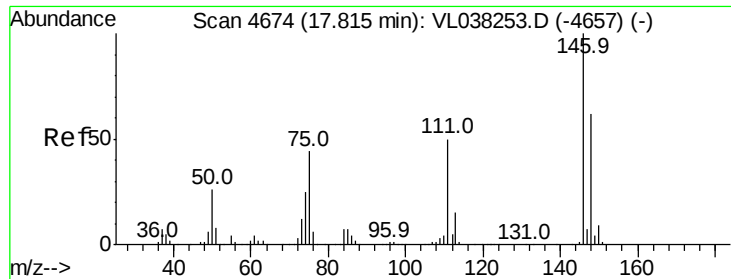
Ion Ratio Lower Upper

146 100

111 47.9 23.2 69.6

148 62.8 32.4 97.0





#77

1,2-Dichlorobenzene

Concen: 0.862 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampled :

VSTDIC001

Acq: 24 Jan 2022 10:45

Tot Ion:1

Ion Rati

146 100

111 52.

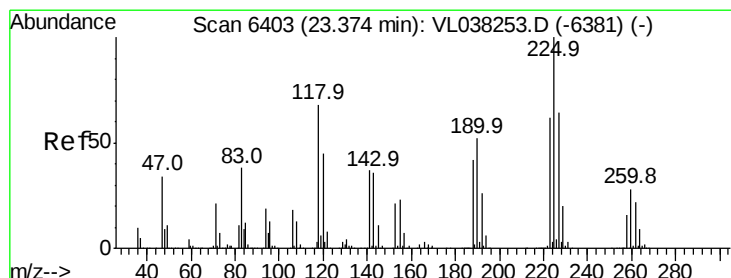
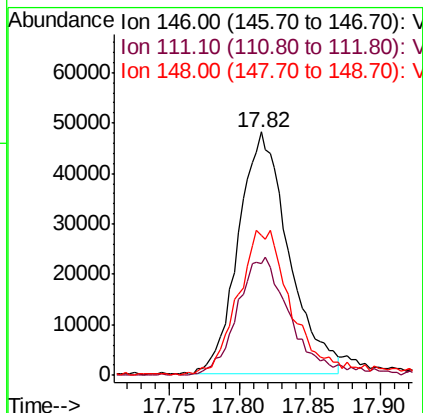
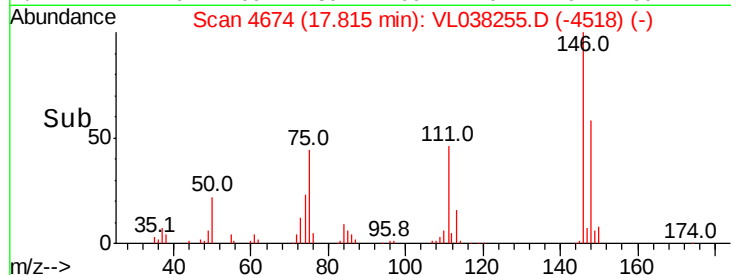
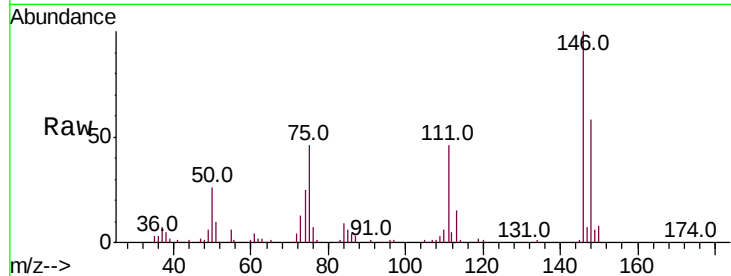
148 67.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#78

Hexachloro-1,3-Butadiene

Concen: 1.049 ppbv m

RT: 23.37 min Scan# 6402

Delta R.T. -0.00 min

Lab File: VL038255.D

Acq: 24 Jan 2022 10:45

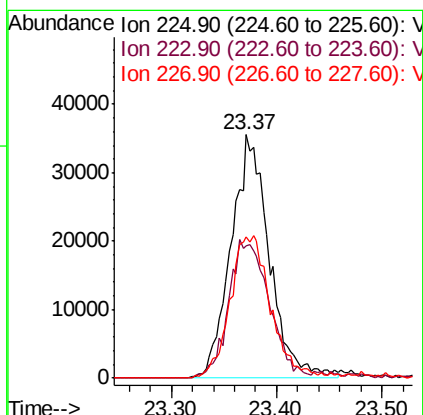
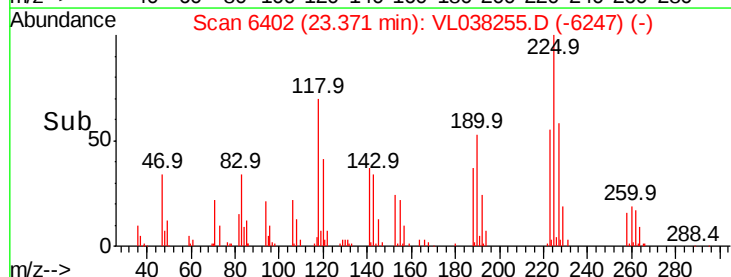
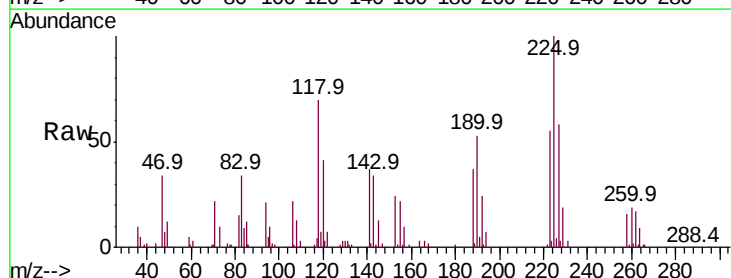
Tgt Ion:225 Resp: 89666

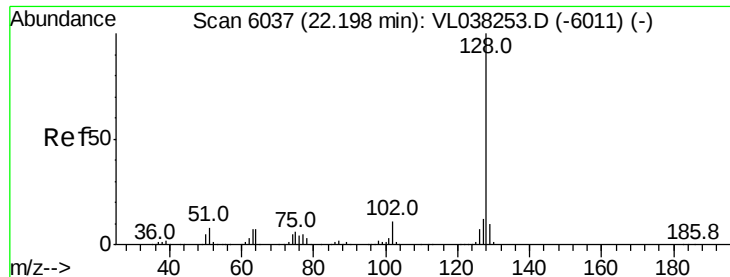
Ion Ratio Lower Upper

225 100

223 0.0 51.7 77.5#

227 62.3 51.4 77.0



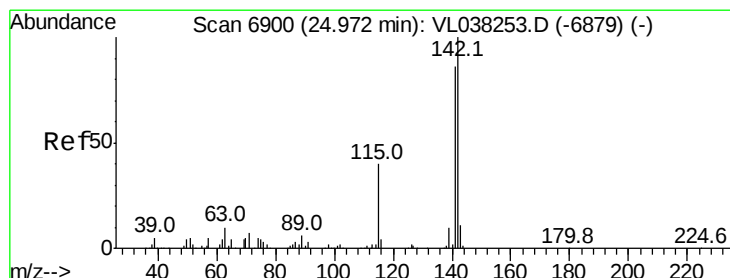
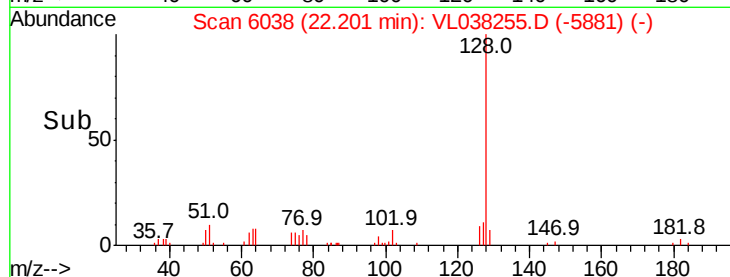
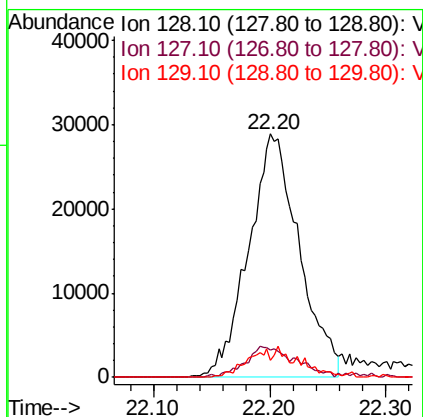
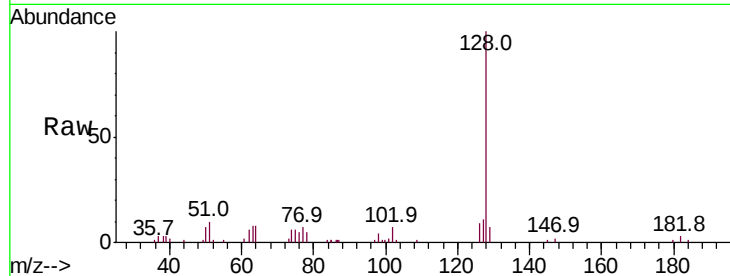


#79
Naphthalene
Concen: 0.633 ppbv
RT: 22.20 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VSTDIC001
Acq: 24 Jan 2022 10:45

Tot Ion:1
Ion Rati
128 100
127 11.
129 6.

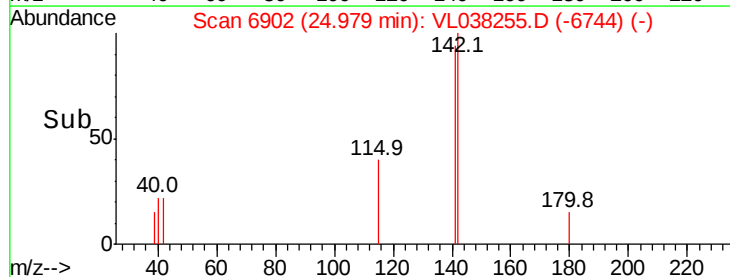
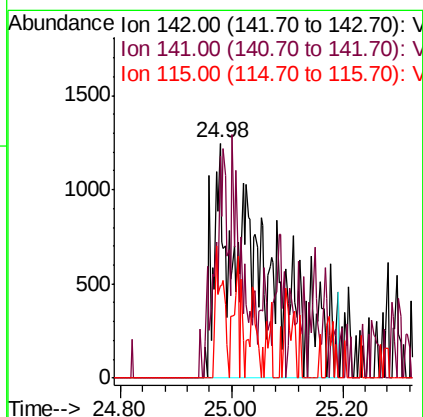
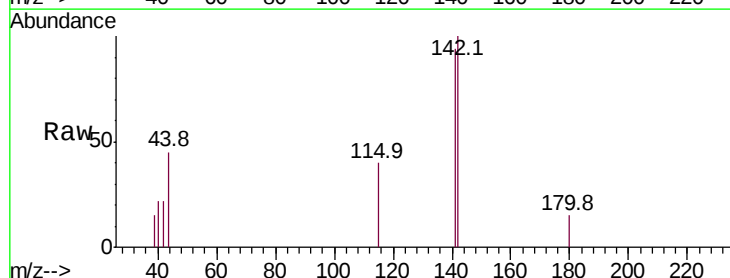
Manual Integrations
APPROVED

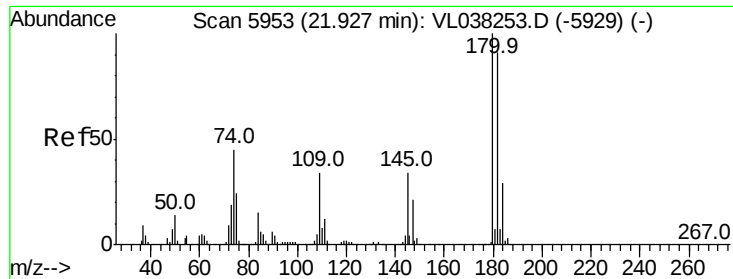
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#80
Naphthalene,2-methyl-
Concen: 0.268 ppbv m
RT: 24.98 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL038255.D
Acq: 24 Jan 2022 10:45

Tgt Ion:142 Resp: 7368
Ion Ratio Lower Upper
142 100
141 0.0 70.2 105.4#
115 16.3 31.8 47.6#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.741 ppbv m
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 24 Jan 2022 10:45

Tot Ion:1
 Ion Rati
 180 100
 182 95.
 184 29.

Manual Integrations
 APPROVED

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

