

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038026.D
 Acq On : 16 Nov 2021 3:43
 Operator : SY/AP
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 09:52:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	765857	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3096663	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2865200	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2117206	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	94057	0.817	ppbv	98
3) Chlorodifluoromethane	2.99	51	115157	0.757	ppbv	99
4) Chloromethane	3.14	50	39608	0.692	ppbv	92
5) Vinyl Chloride	3.26	62	37713	0.692	ppbv	99
6) Bromomethane	3.48	94	20664m	0.702	ppbv	
7) Chloroethane	3.56	64	13781m	0.697	ppbv	
8) Dichlorotetrafluoroethane	3.19	85	89543	0.686	ppbv	96
9) Propene	3.02	41	42811	0.773	ppbv	93
10) Heptane	8.12	43	106640	0.835	ppbv	98
11) Trichlorofluoromethane	3.95	101	87587	0.767	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	67751	0.759	ppbv	96
13) Ethanol	3.63	45	3775m	0.701	ppbv	
14) Bromoethene	3.75	108	28451m	0.742	ppbv	
15) Acetone	3.88	43	54883m	0.818	ppbv	
16) 1,3-Butadiene	3.33	39	32538m	0.617	ppbv	
17) tert-Butyl alcohol	4.33	59	69152m	0.904	ppbv	
18) 1,1-Dichloroethene	4.29	96	31743m	0.769	ppbv	
19) Isopropyl Alcohol	4.00	45	41401m	0.938	ppbv	
20) Methylene Chloride	4.35	84	34854m	0.946	ppbv	
21) Allyl Chloride	4.42	41	45842	0.722	ppbv #	85
22) trans-1,2-Dichloroethene	4.89	96	29268	0.705	ppbv	98
23) Vinyl Acetate	5.08	43	92845m	0.885	ppbv	
24) 1,1-Dichloroethane	5.01	63	65196	0.766	ppbv	98
25) Ethyl Acetate	5.69	43	107690	0.566	ppbv #	95
26) Hexane	5.69	57	58653m	0.647	ppbv	
27) Carbon Disulfide	4.55	76	71776	0.749	ppbv #	88
28) Methyl tert-Butyl Ether	5.06	73	75227	0.879	ppbv	95
29) Chloroform	5.75	83	85434m	0.615	ppbv	
30) Cyclohexane	7.12	84	70462m	0.853	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	50287m	0.618	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	110294	0.795	ppbv	100
34) 2-Butanone	5.26	43	56924m	0.512	ppbv	
35) Carbon Tetrachloride	7.01	117	108337	0.571	ppbv	98
36) Benzene	6.89	78	162287m	0.635	ppbv	
37) 1,2-Dichloroethane	6.30	62	68278	0.559	ppbv #	95
38) Trichloroethene	7.83	130	56786	0.542	ppbv	93
39) 1,2-Dichloropropane	7.61	63	62817	0.645	ppbv	86
40) 1,4-Dioxane	7.86	88	18302m	0.730	ppbv	
41) Tetrahydrofuran	6.08	42	43437m	0.744	ppbv	
42) Bromodichloromethane	7.78	83	110931	0.597	ppbv #	87
43) Methyl Methacrylate	8.02	69	53572	0.631	ppbv	95

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Instrument :
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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 16 09:52:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 16 03:19:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	287946	0.665	ppbv	97
45) t-1,3-Dichloropropene	9.27	75	40788m	0.633	ppbv	
46) cis-1,3-Dichloropropene	8.70	75	56332	0.650	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	63146m	0.586	ppbv	
48) Dibromochloromethane	10.29	129	96254	0.624	ppbv	100
49) Bromoform	13.03	173	73588	0.607	ppbv	98
50) 4-Methyl-2-Pentanone	8.76	43	98944m	0.645	ppbv	
51) 2-Hexanone	10.16	43	45143m	0.682	ppbv	
52) Tetrachloroethene	11.22	164	56010	0.584	ppbv	99
53) Toluene	9.80	91	192628m	0.702	ppbv	
54) 1,2-Dibromoethane	10.60	107	80560	0.577	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.11	131	70376m	0.610	ppbv	
57) Chlorobenzene	12.14	112	133832	0.591	ppbv #	93
58) Ethyl Benzene	12.71	91	251210m	0.714	ppbv	
59) m/p-Xylene	12.98	91	419764m	1.359	ppbv	
60) o-Xylene	13.68	91	193721	0.666	ppbv	99
61) Styrene	13.52	104	97719	0.713	ppbv	91
62) Isopropylbenzene	14.66	105	288250	0.694	ppbv	94
63) 1,1,2,2-Tetrachloroethane	13.67	83	131879	0.527	ppbv	100
64) n-propylbenzene	15.55	120	68579	0.649	ppbv	87
65) tert-Butylbenzene	16.74	119	257287m	0.705	ppbv	
66) Benzyl Chloride	16.98	91	15665m	0.789	ppbv	
67) sec-Butylbenzene	17.28	105	351602m	0.700	ppbv	
69) p-Isopropyltoluene	17.64	119	277311	0.689	ppbv	99
70) n-Butylbenzene	18.54	91	242971	0.658	ppbv	97
71) 2-Chlorotoluene	15.44	91	197439	0.681	ppbv	100
72) 4-Ethyltoluene	15.83	105	220098	0.654	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.98	105	218530m	0.699	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	212352	0.652	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	111525	0.552	ppbv	97
76) 1,4-Dichlorobenzene	17.12	146	117226m	0.598	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	111264m	0.587	ppbv	
78) Hexachloro-1,3-Butadiene	23.36	225	78616m	0.502	ppbv	
79) Naphthalene	22.19	128	98379m	0.548	ppbv	
80) Naphthalene, 2-methyl-	24.98	142	15681	0.507	ppbv #	46
81) 1,2,4-Trichlorobenzene	21.91	180	61201m	0.524	ppbv	

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

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations APPROVED

Quant Time: Nov 16 09:52:24 2021

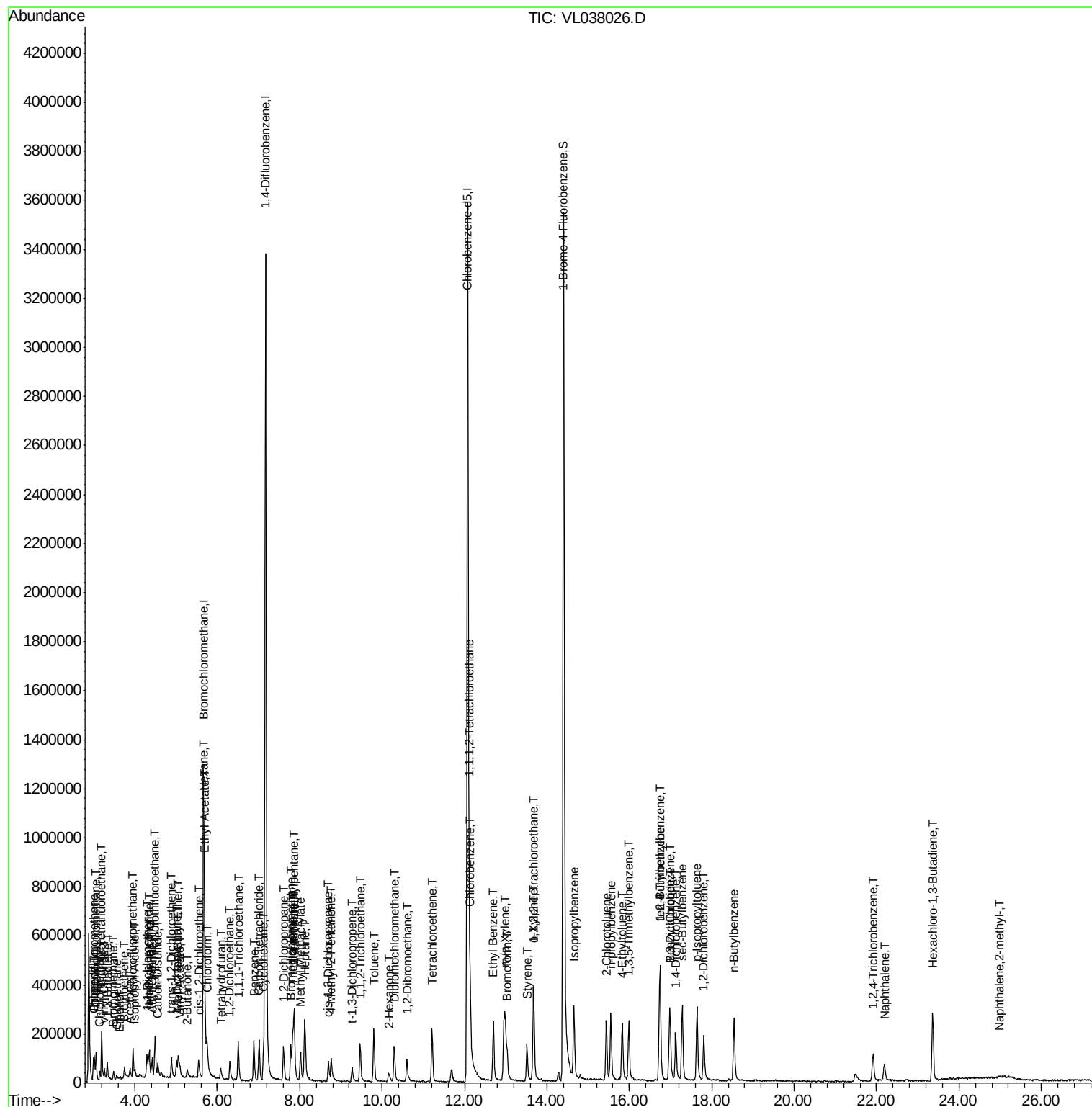
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621

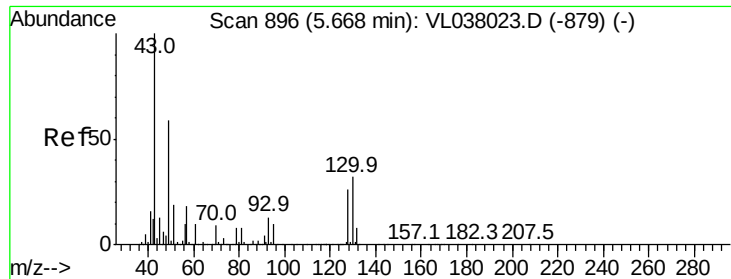
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Nov 16 03:19:45 2021

Response via : Initial Calibration

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 Supervised By : Mahesh Dadoda 11/17/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC0.5

Acq: 16 Nov 2021 3:43

Tot Ion:

Ion Ratio

49 100

128 47.

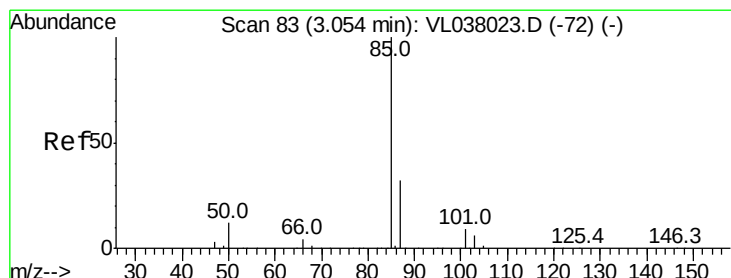
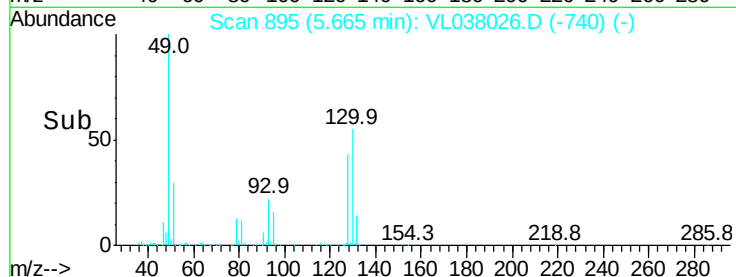
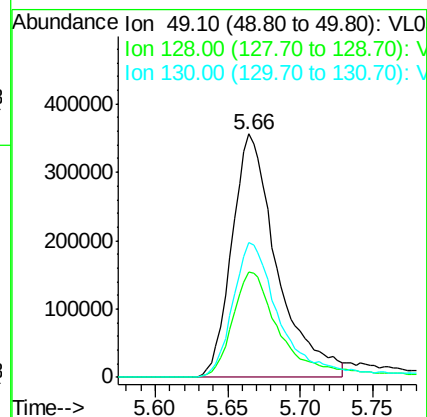
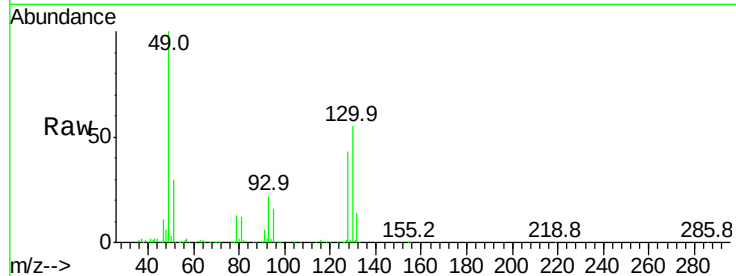
130 61.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 0.817 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038026.D

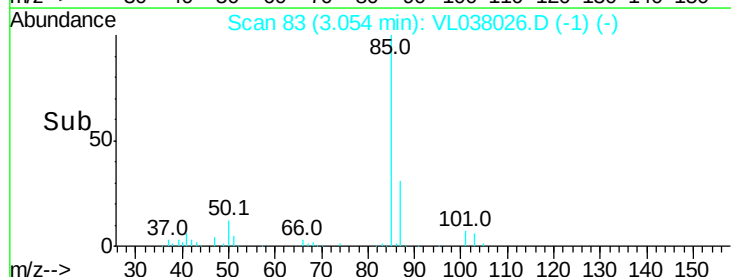
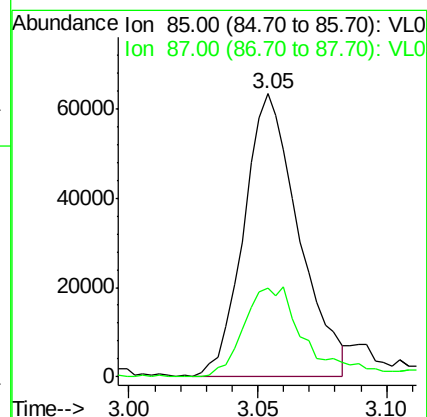
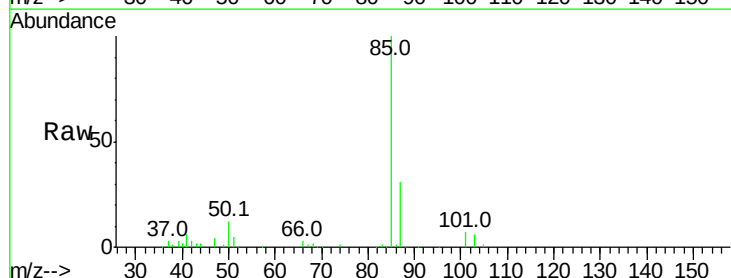
Acq: 16 Nov 2021 3:43

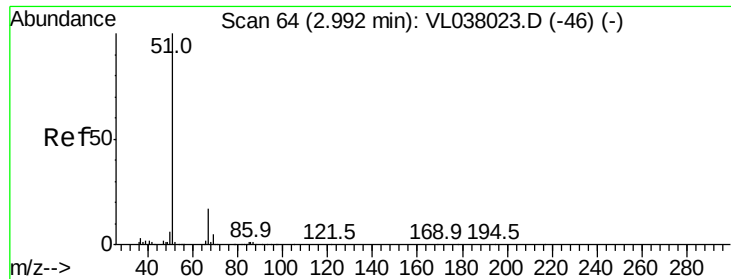
Tgt Ion: 85 Resp: 94057

Ion Ratio Lower Upper

85 100

87 31.2 25.9 38.9





#3

Chlorodifluoromethane

Concen: 0.757 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

51 100

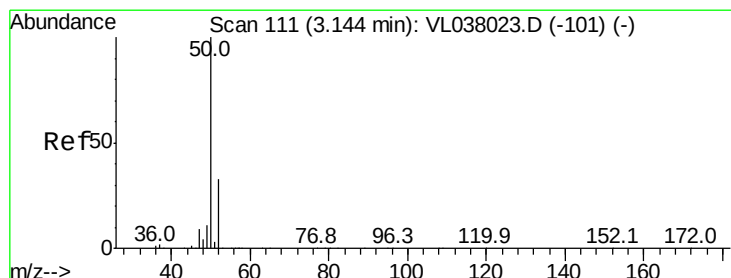
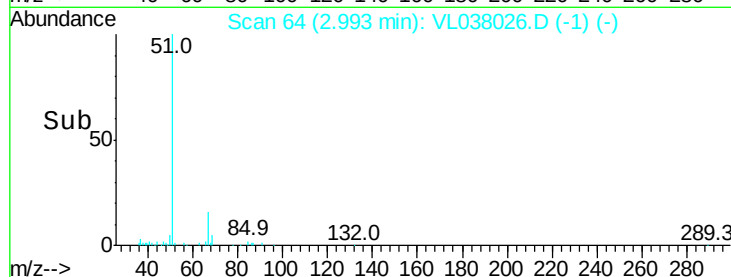
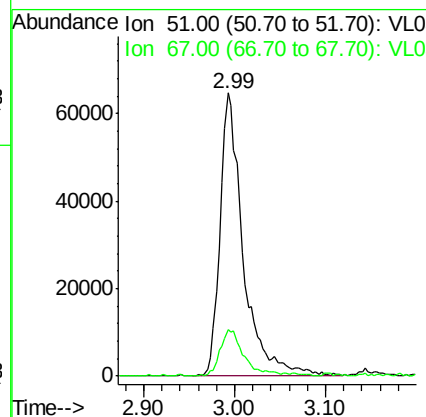
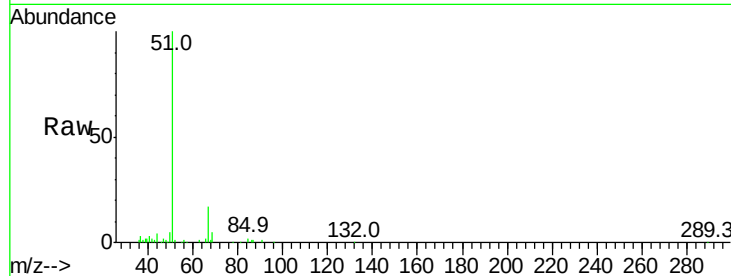
67 17.

Manual Integrations

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#4

Chloromethane

Concen: 0.692 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038026.D

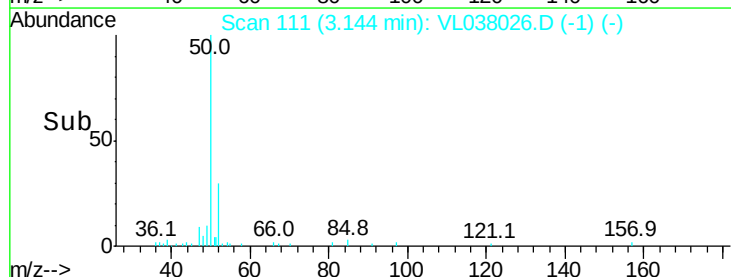
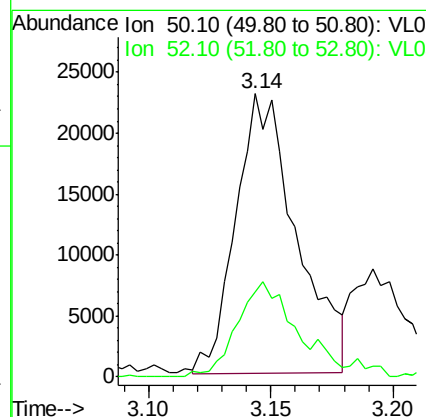
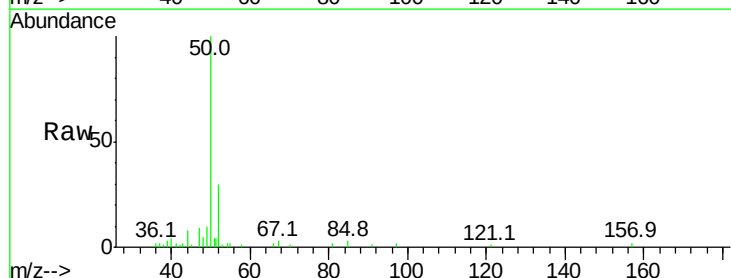
Acq: 16 Nov 2021 3:43

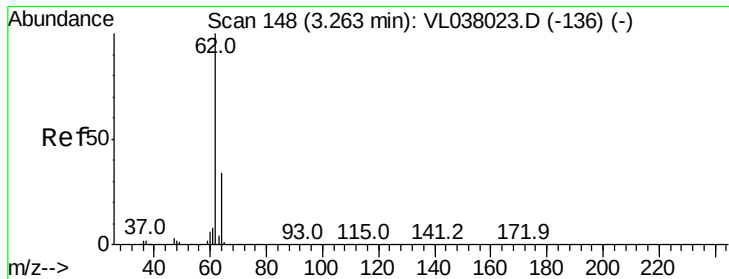
Tgt Ion: 50 Resp: 39608

Ion Ratio Lower Upper

50 100

52 28.8 26.4 39.6





#5

Vinyl Chloride

Concen: 0.692 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

62 100

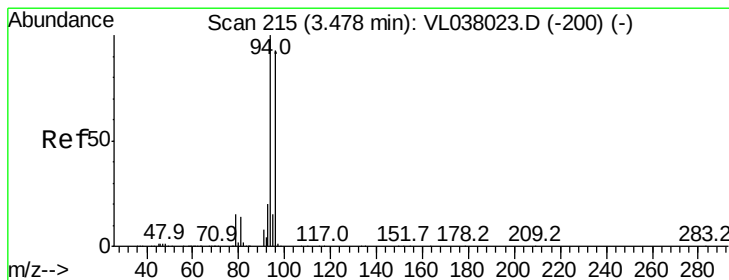
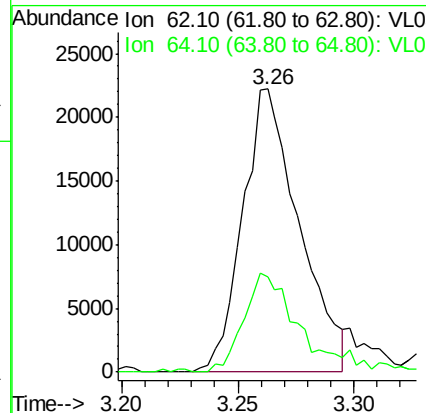
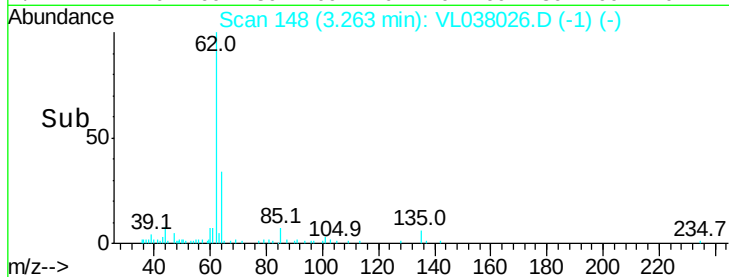
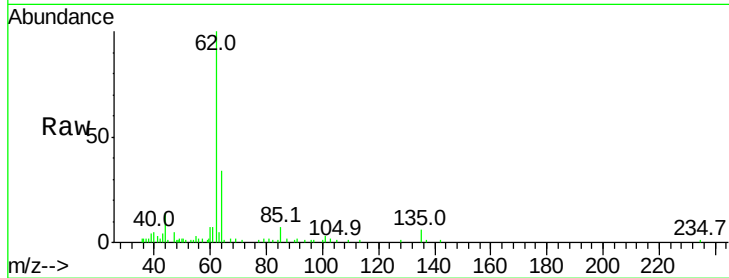
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

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#6

Bromomethane

Concen: 0.702 ppbv m

RT: 3.48 min Scan# 217

Delta R.T. 0.01 min

Lab File: VL038026.D

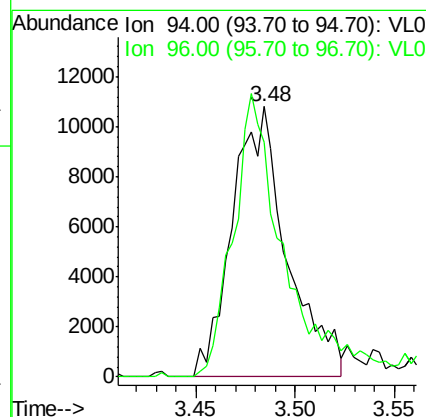
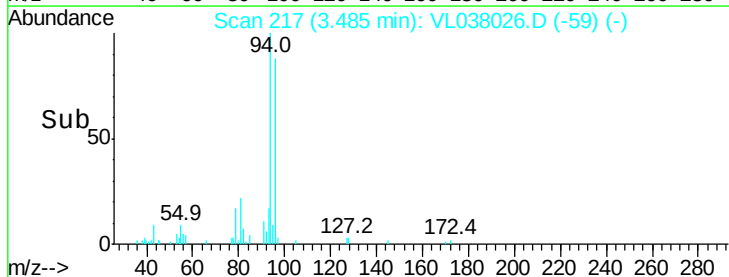
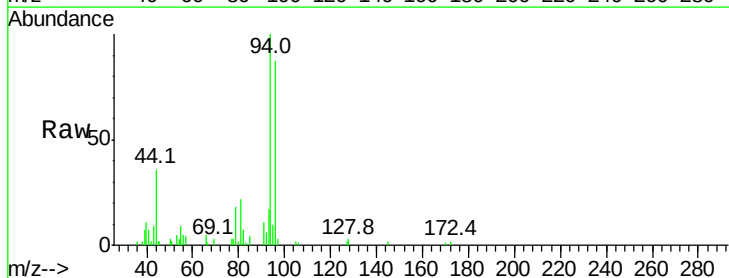
Acq: 16 Nov 2021 3:43

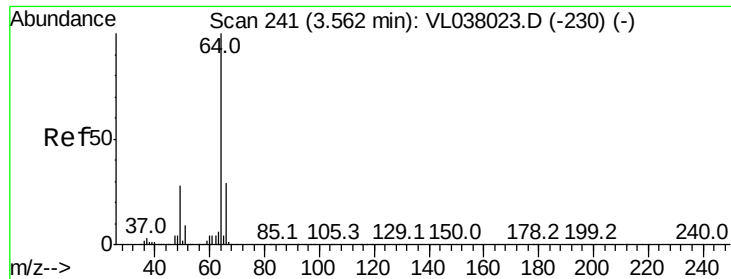
Tgt Ion: 94 Resp: 20664

Ion Ratio Lower Upper

94 100

96 86.8 74.8 112.2





#7

Chloroethane

Concen: 0.697 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

64 100

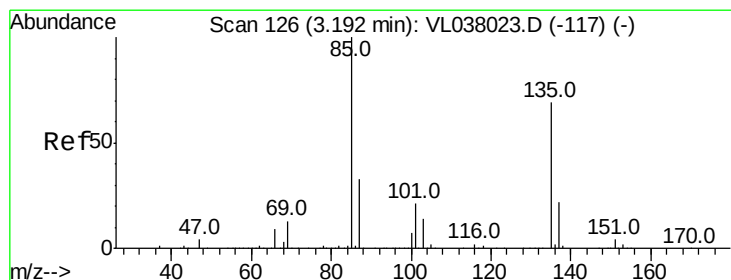
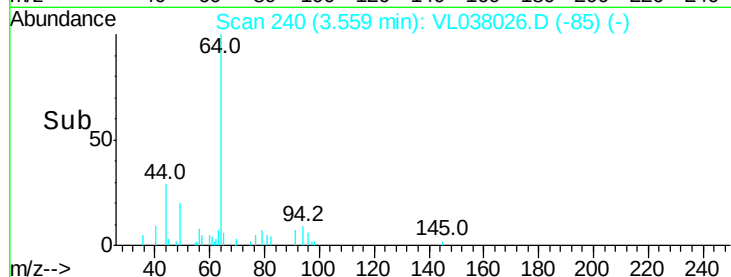
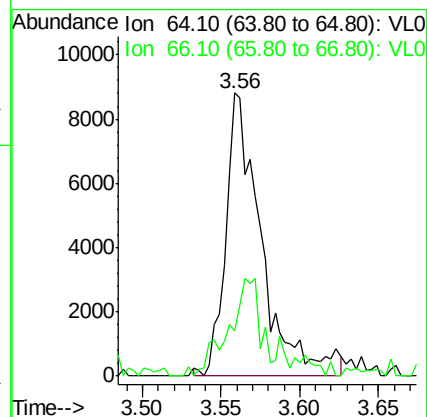
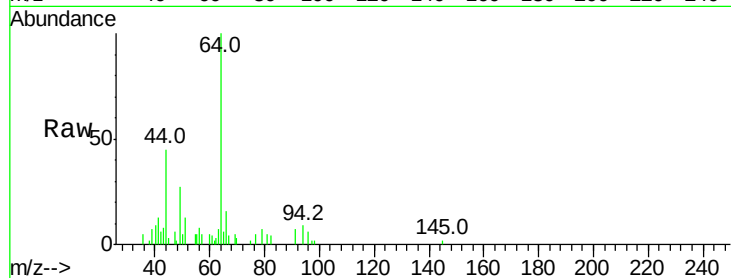
66 15.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 0.686 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038026.D

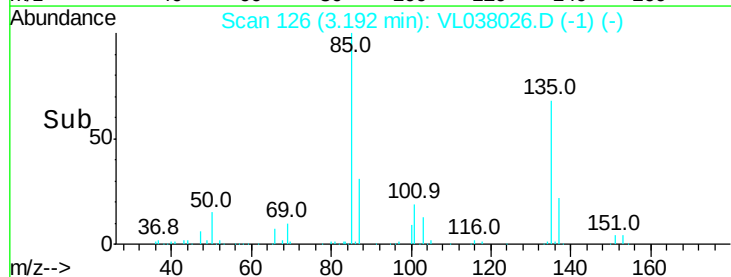
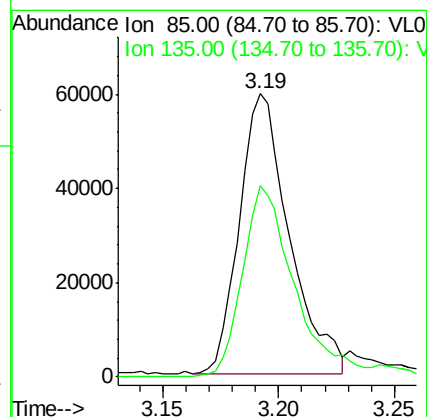
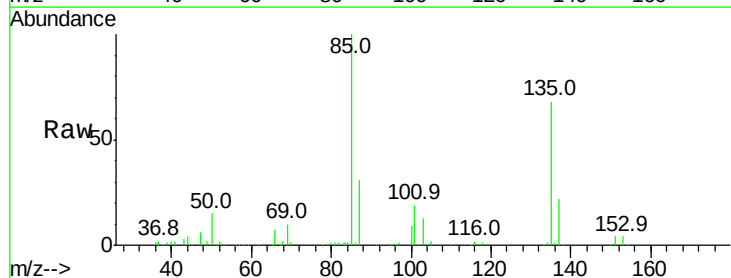
Acq: 16 Nov 2021 3:43

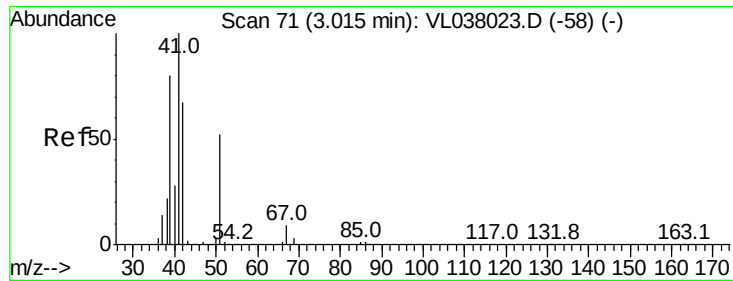
Tgt Ion: 85 Resp: 89543

Ion Ratio Lower Upper

85 100

135 74.4 57.0 85.6



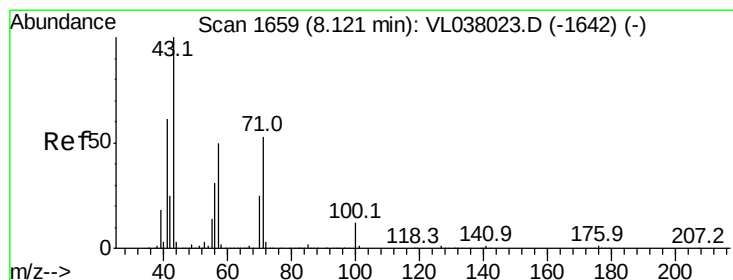
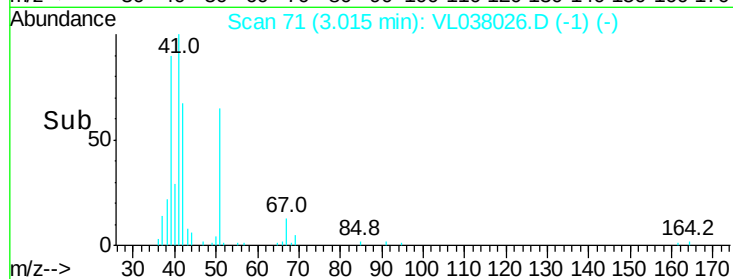
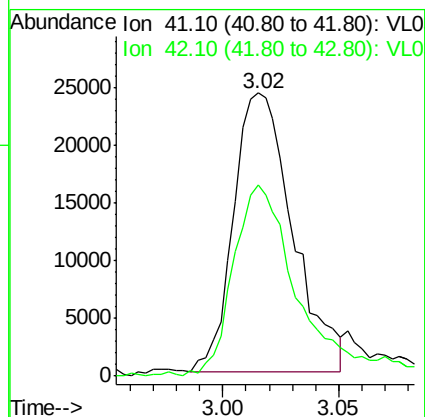
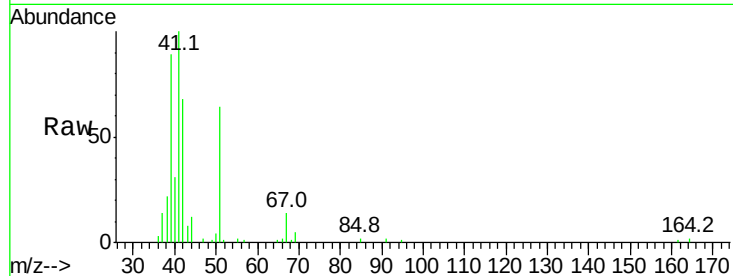


#9
 Propene
 Concen: 0.773 ppbv
 RT: 3.02
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 41 100
 42 74.

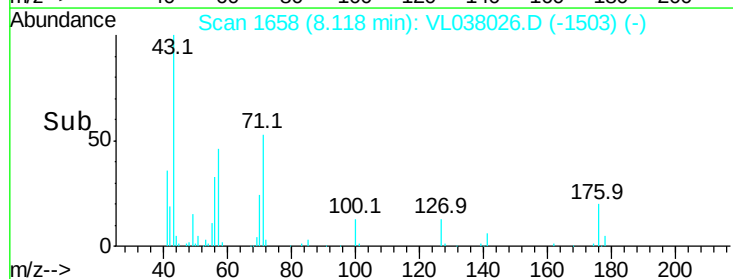
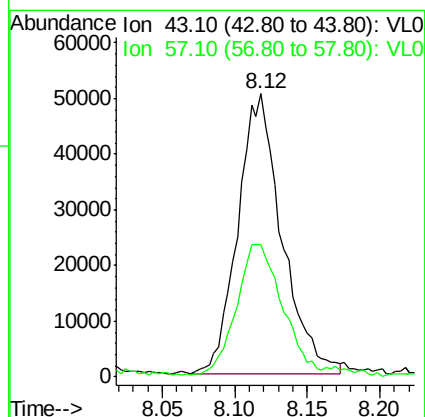
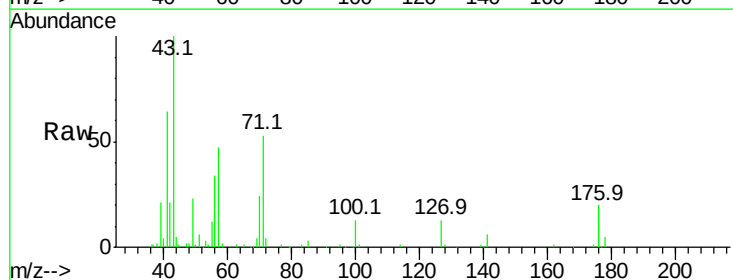
Manual Integrations
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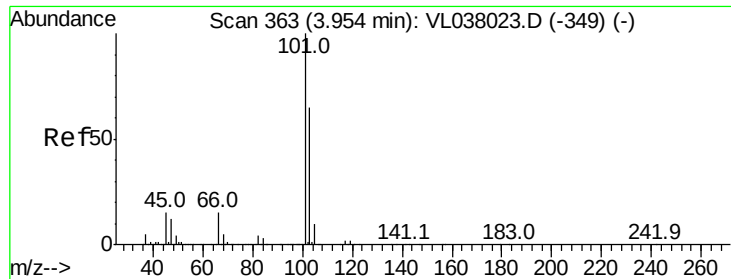
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 0.835 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 43 Resp: 106640
 Ion Ratio Lower Upper
 43 100
 57 51.0 39.9 59.9





#11

Trichlorofluoromethane

Concen: 0.767 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC0.5 Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

101 100

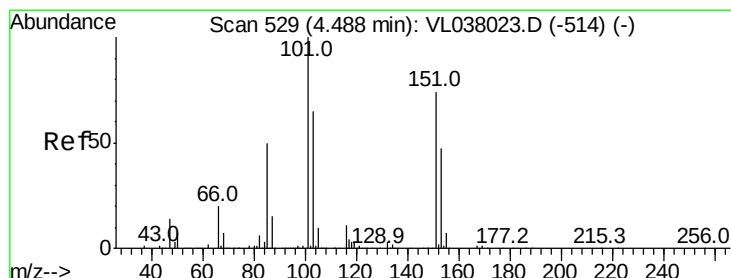
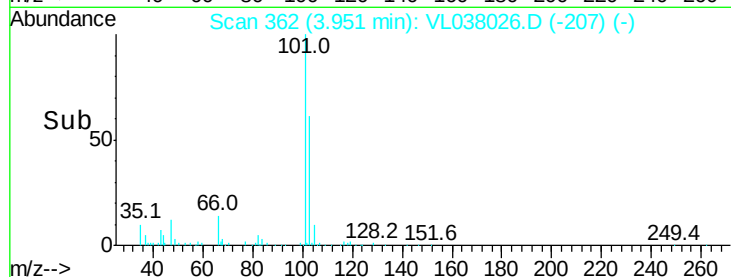
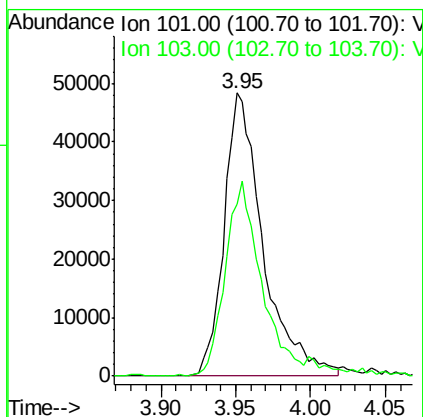
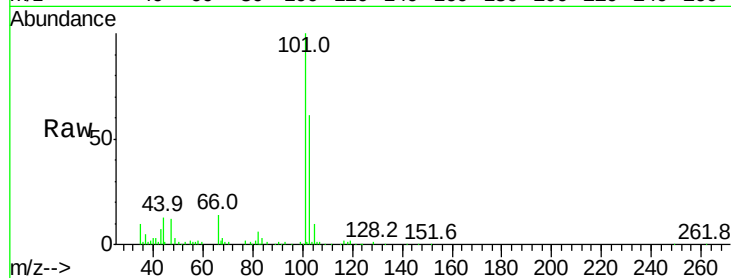
103 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.759 ppbv

RT: 4.49 min Scan# 529

Delta R.T. 0.00 min

Lab File: VL038026.D

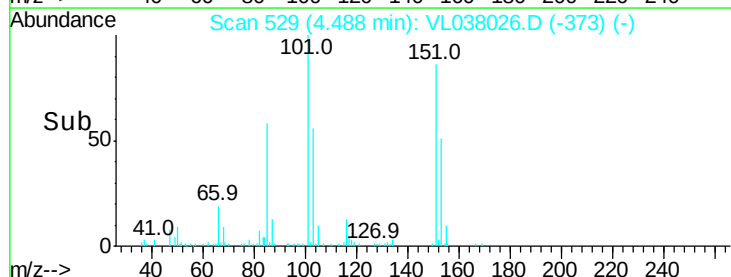
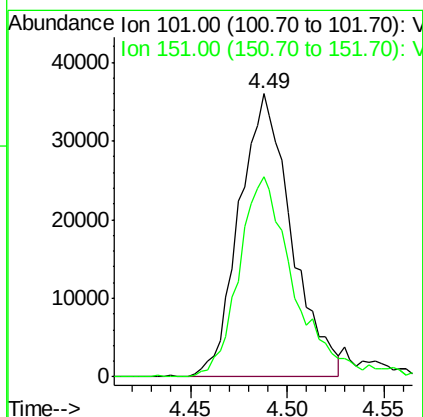
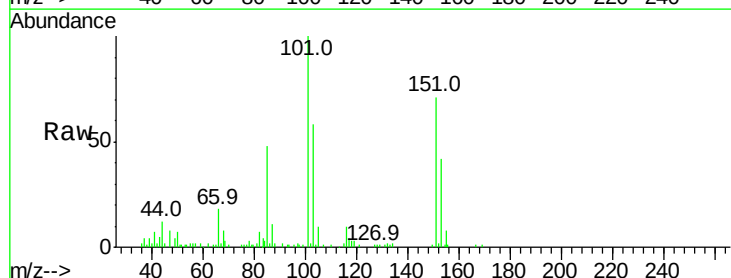
Acq: 16 Nov 2021 3:43

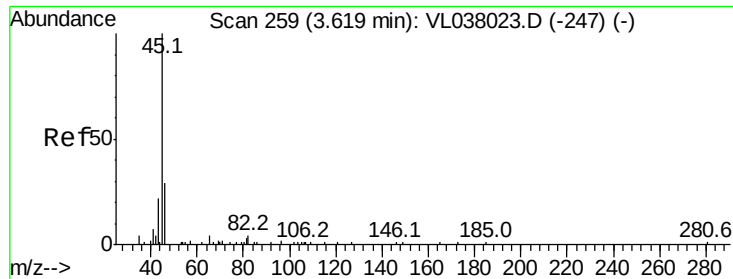
Tgt Ion:101 Resp: 67751

Ion Ratio Lower Upper

101 100

151 76.1 57.9 86.9



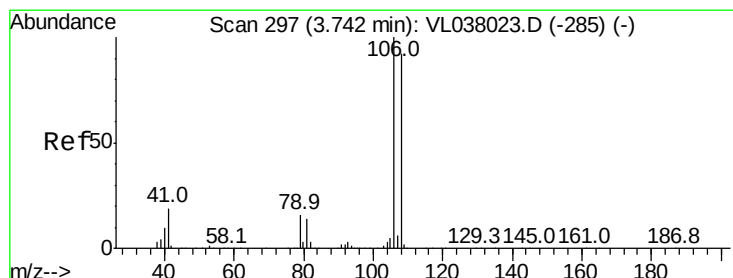
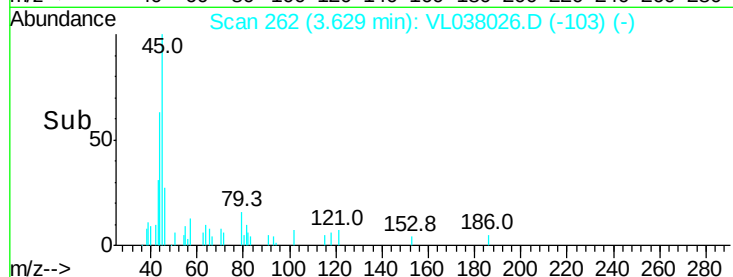
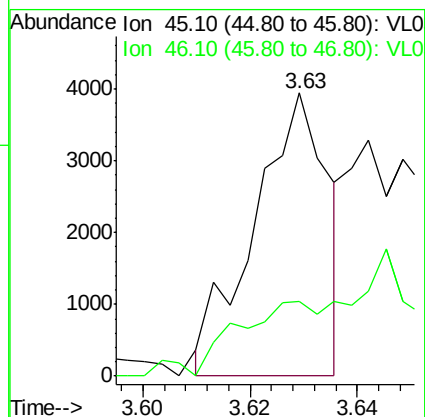
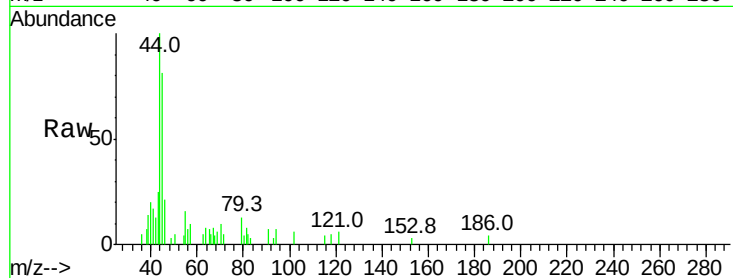


#13
Ethanol
Concen: 0.701 ppbv m
RT: 3.63
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

Tot Ion:
Ion Ratio
45 100
46 0.

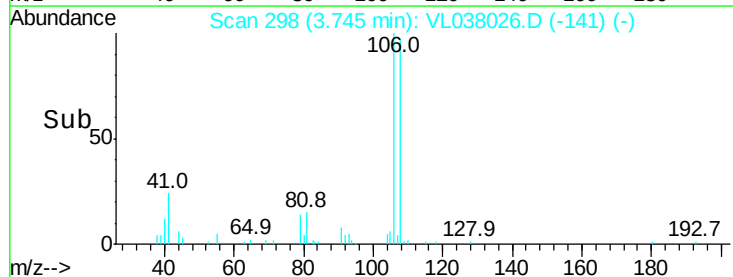
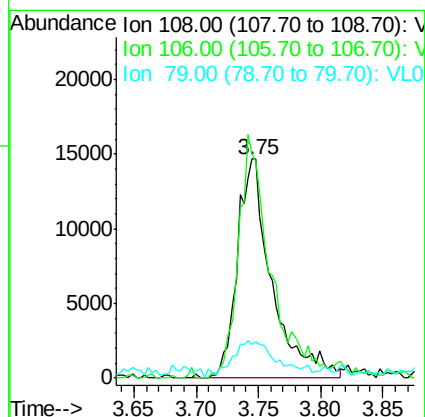
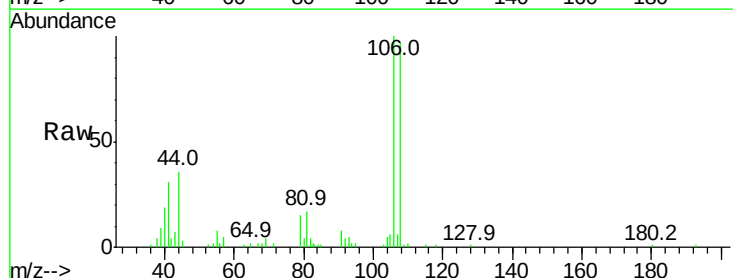
Manual Integrations
APPROVED

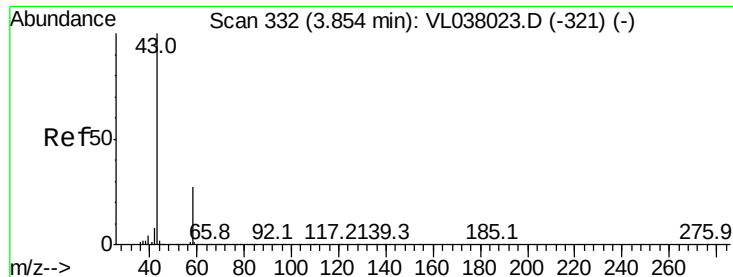
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 0.742 ppbv m
RT: 3.75 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion:108 Resp: 28451
Ion Ratio Lower Upper
108 100
106 108.1 90.4 135.6
79 19.6 14.1 21.1





#15

Acetone

Concen: 0.818 ppbv m

RT: 3.88

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:

Ion Ratio

43 100

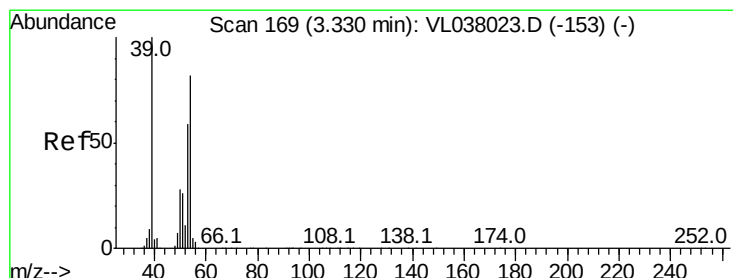
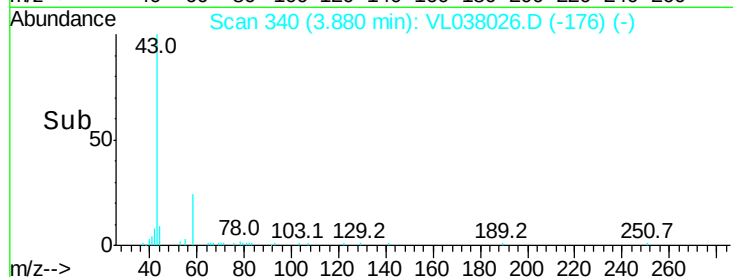
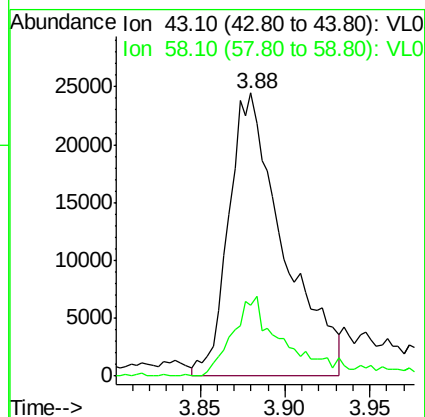
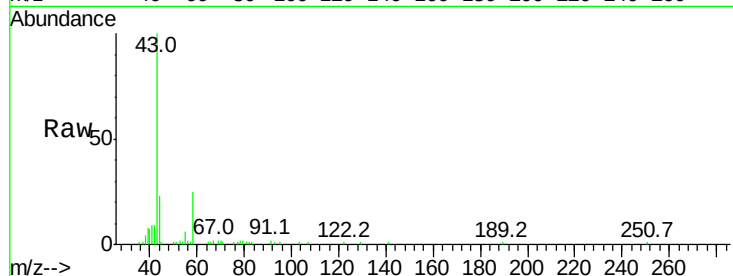
58 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 0.617 ppbv m

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038026.D

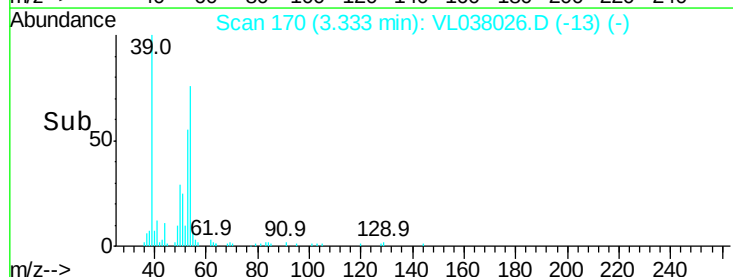
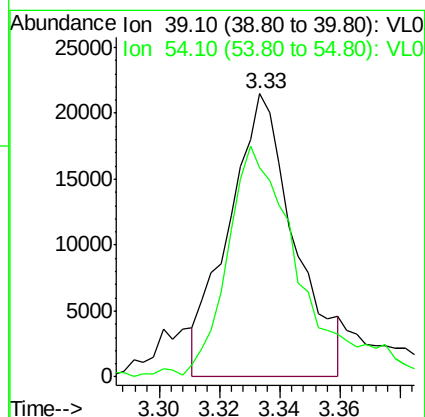
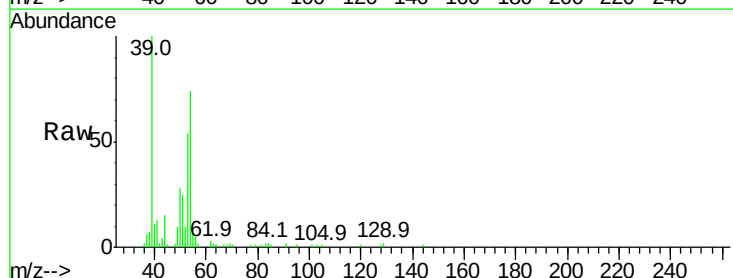
Acq: 16 Nov 2021 3:43

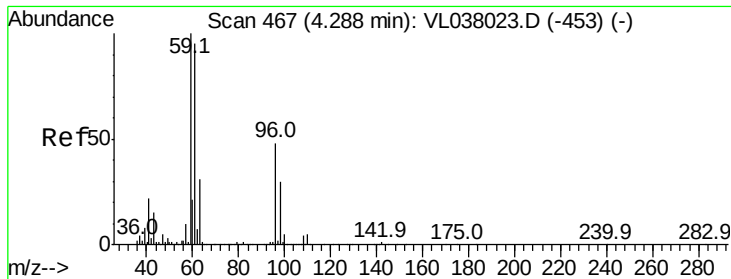
Tgt Ion: 39 Resp: 32538

Ion Ratio Lower Upper

39 100

54 100.6 63.8 95.8#





#17

tert-Butyl alcohol

Concen: 0.904 ppbv m

RT: 4.33 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

59 100

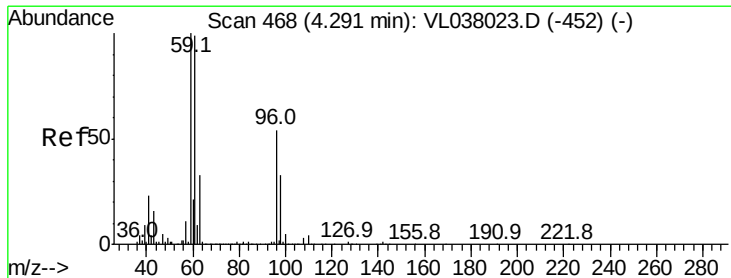
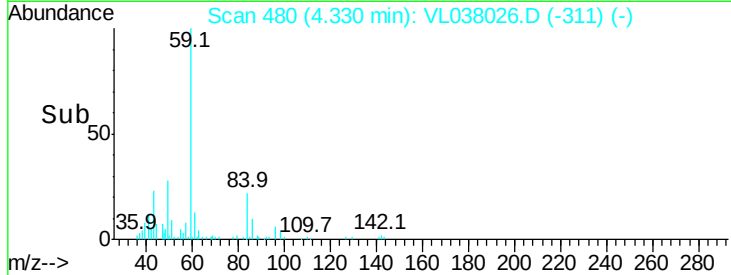
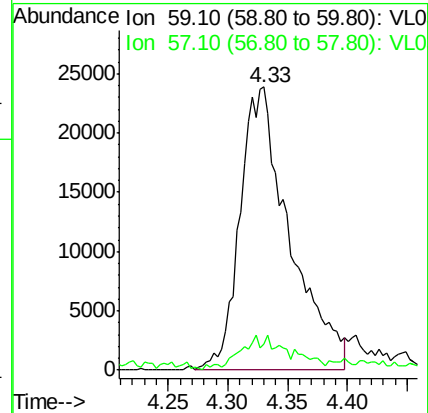
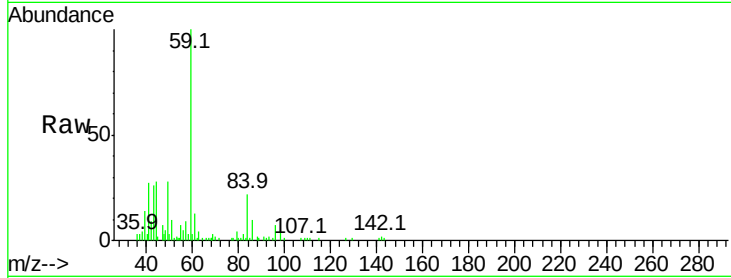
57 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#18

1,1-Dichloroethene

Concen: 0.769 ppbv m

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

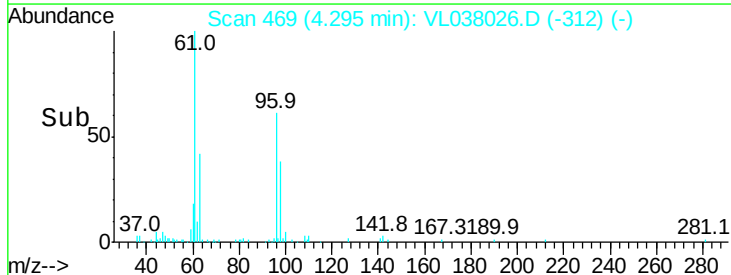
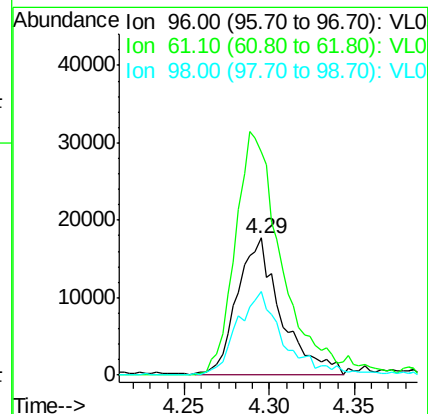
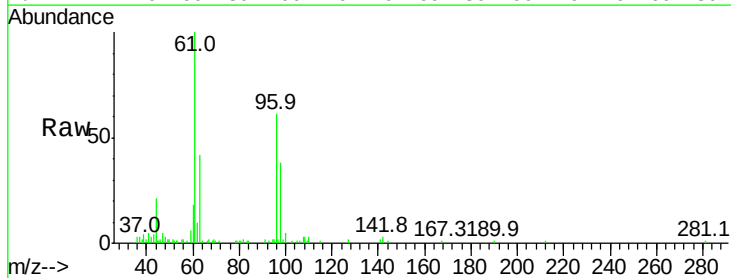
Tgt Ion: 96 Resp: 31743

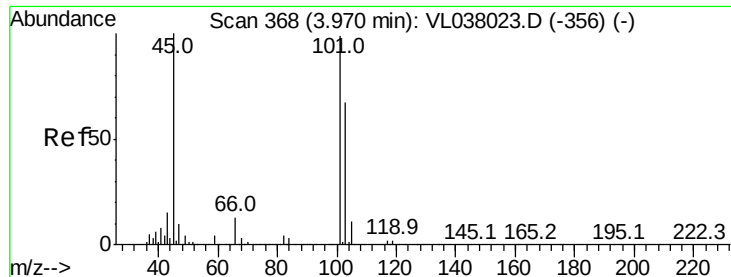
Ion Ratio Lower Upper

96 100

61 163.0 145.2 217.8

98 61.5 48.8 73.2





#19

Isopropyl Alcohol

Concen: 0.938 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

45 100

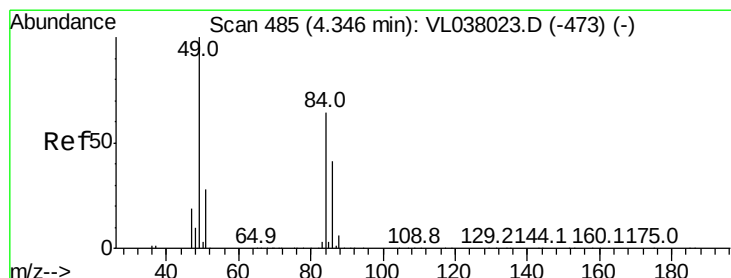
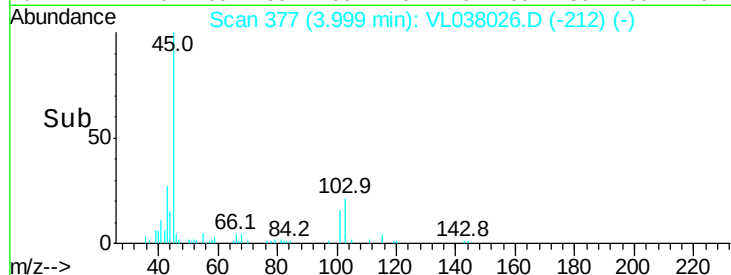
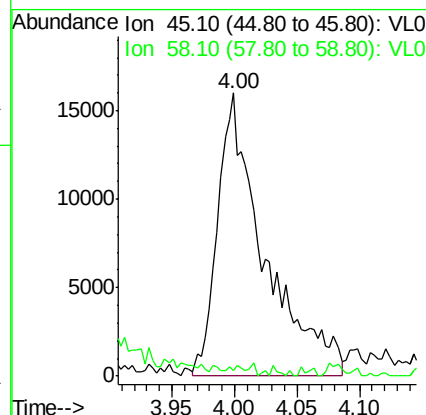
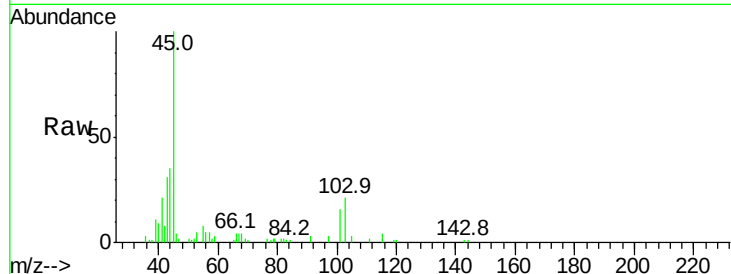
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 0.946 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 84 Resp: 34854

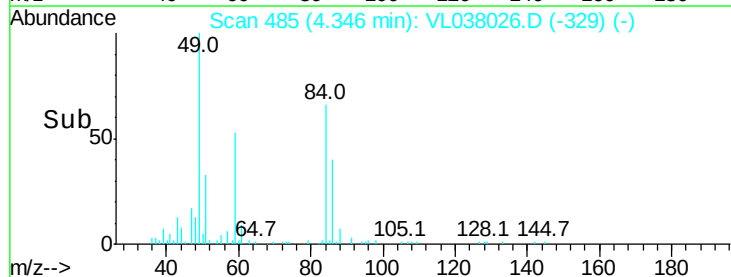
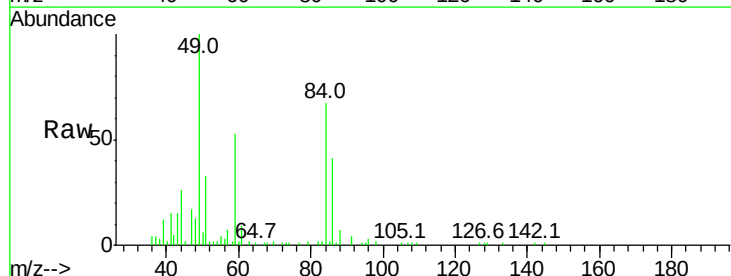
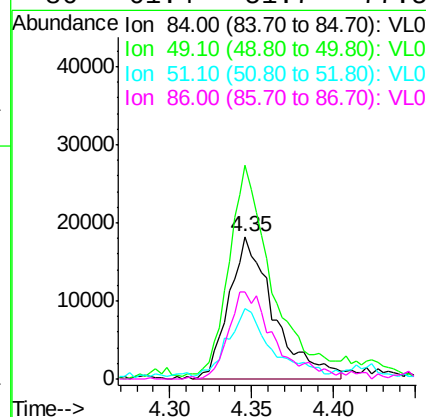
Ion Ratio Lower Upper

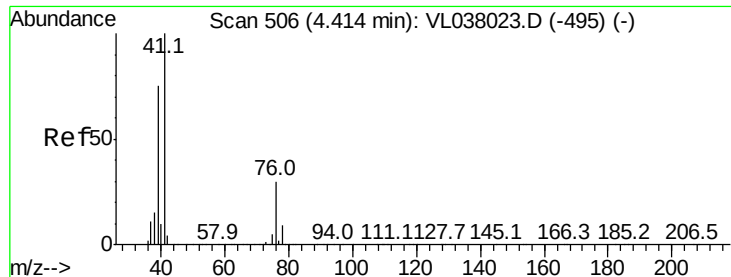
84 100

49 149.7 125.1 187.7

51 49.0 35.3 52.9

86 61.4 51.7 77.5



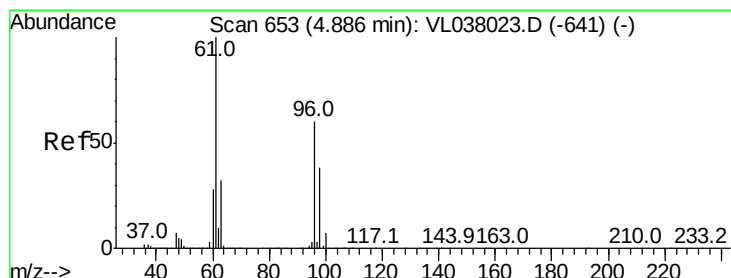
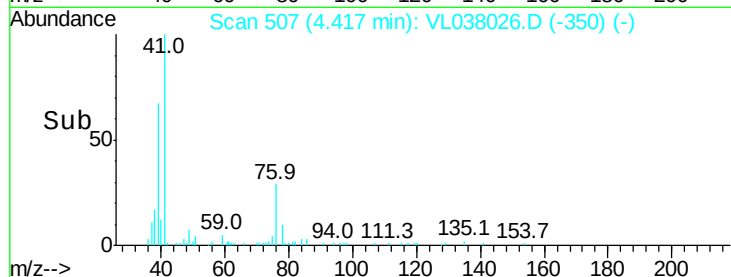
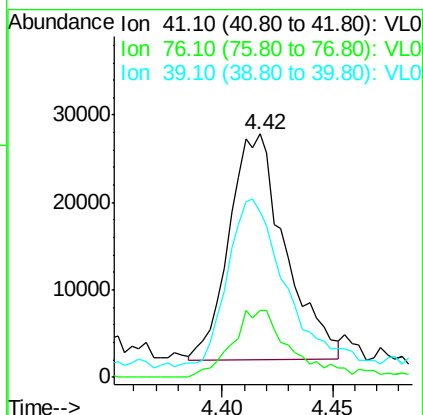
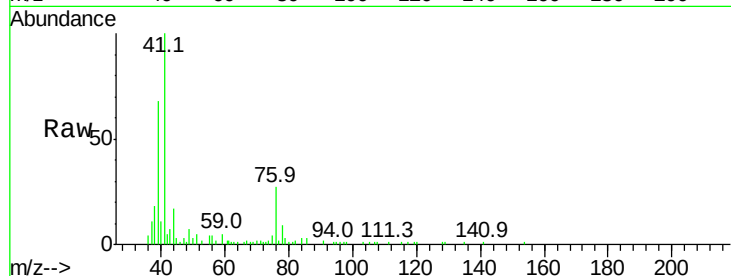


#21
 Allvl Chloride
 Concen: 0.722 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 41 100
 76 32.
 39 92.

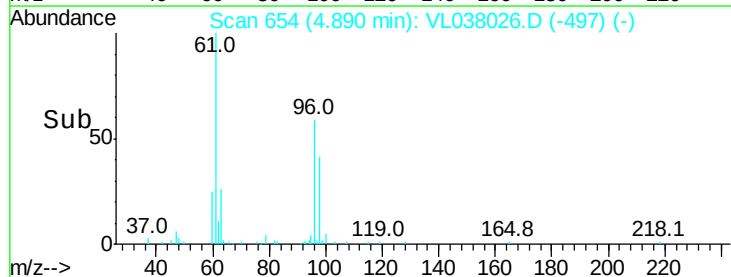
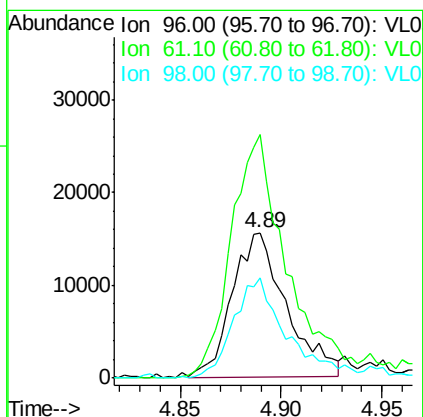
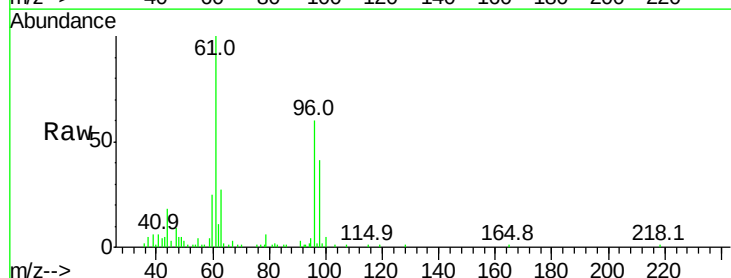
Manual Integrations
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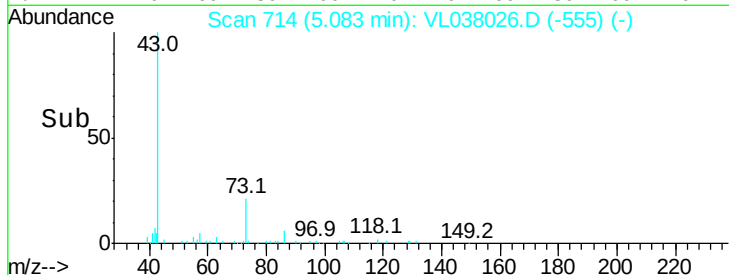
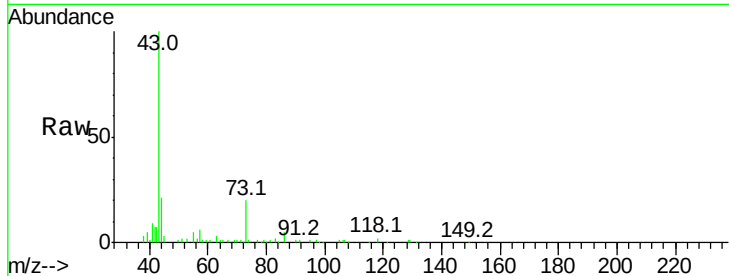
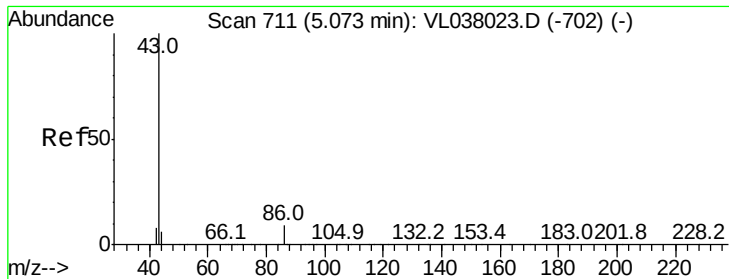
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.705 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 96 Resp: 29268
 Ion Ratio Lower Upper
 96 100
 61 168.0 134.2 201.4
 98 70.1 51.3 76.9



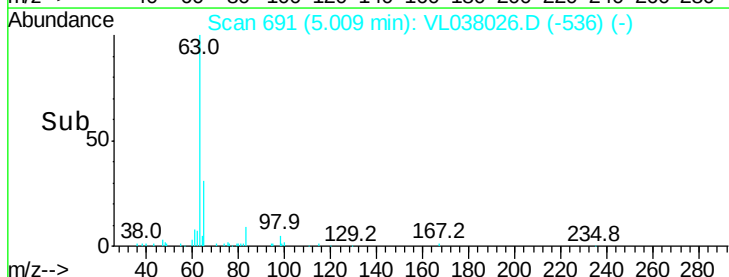
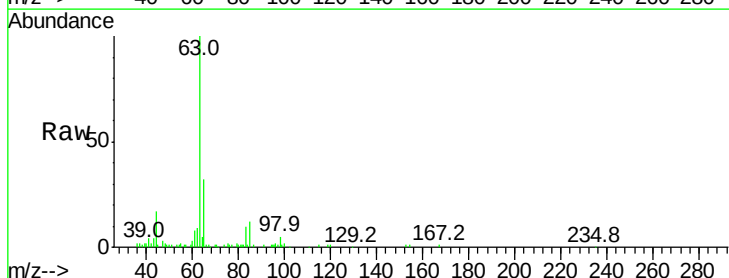
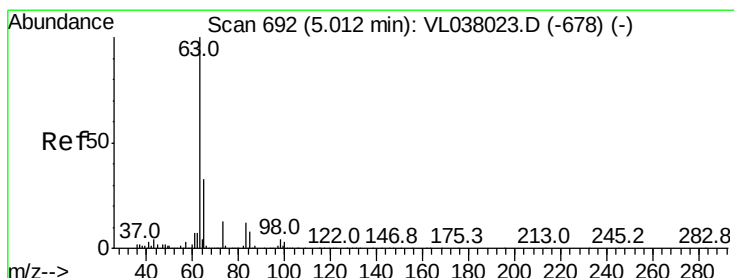
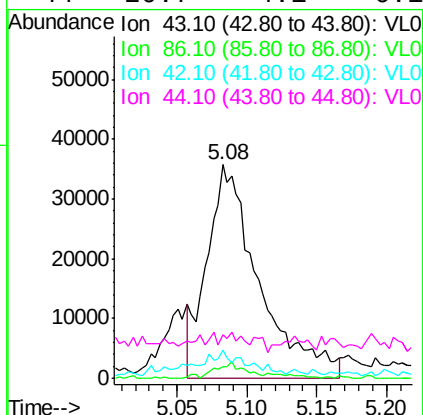


#23
 Vinyl Acetate
 Concen: 0.885 ppbv m
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 43 100
 86 5.
 42 6.
 44 20.7 4.1 6.1#

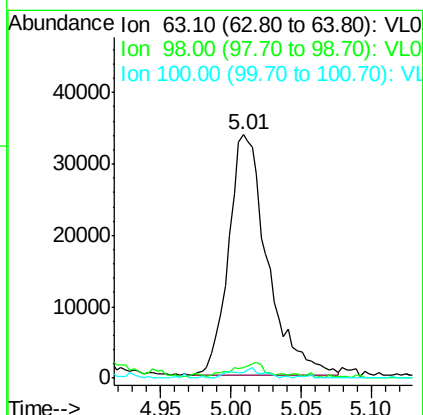
Manual Integrations
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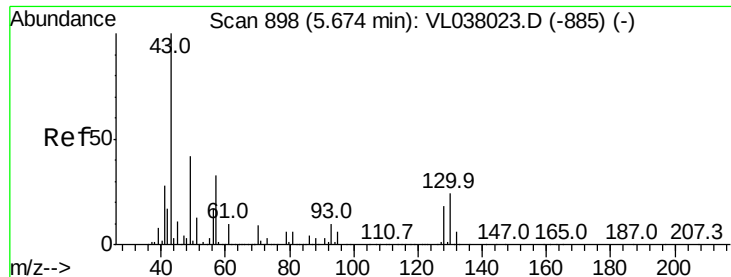
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 0.766 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 63 Resp: 65196
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.3 6.9
 100 2.2 1.5 4.4





#25

Ethyl Acetate

Concen: 0.566 ppbv

RT: 5.69

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:

Ion Ratio

43 100

45 13.

61 10.

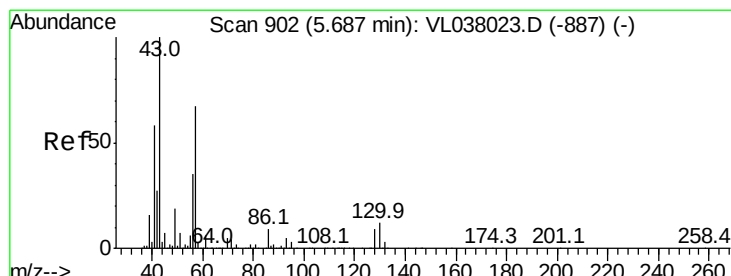
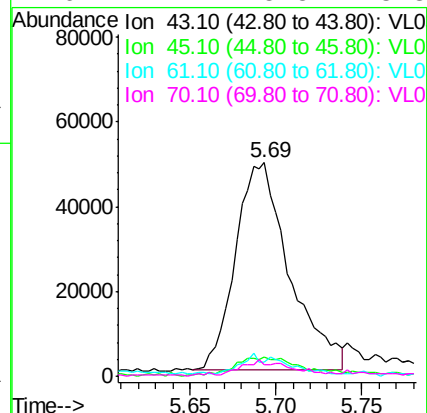
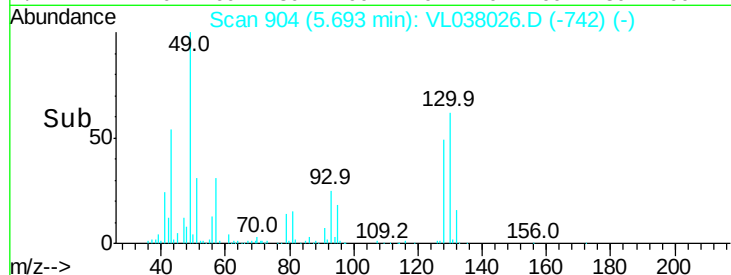
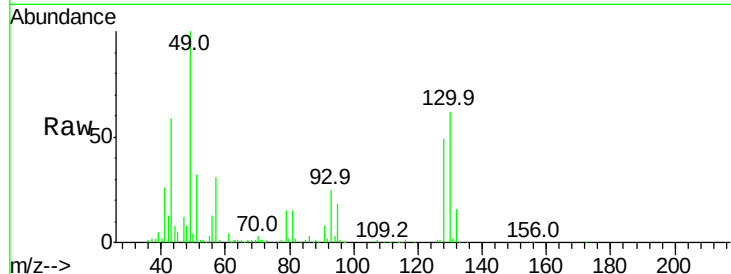
70 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

Hexane

Concen: 0.647 ppbv m

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 57 Resp: 58653

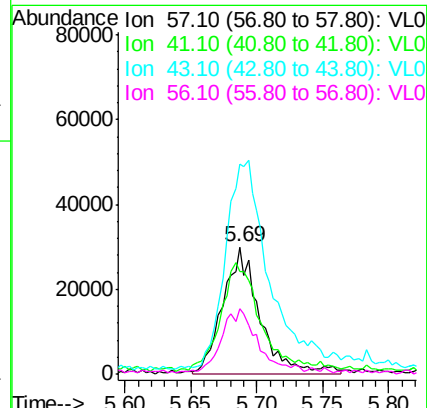
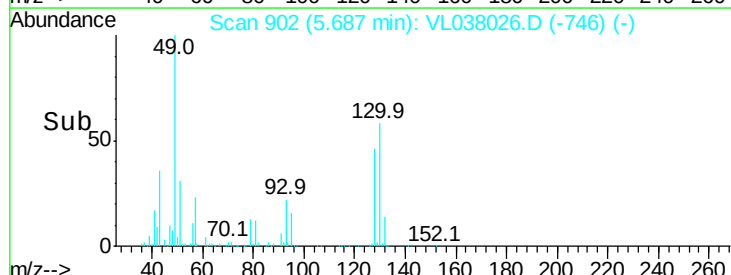
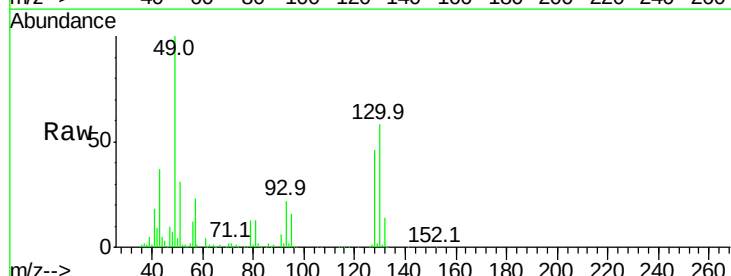
Ion Ratio Lower Upper

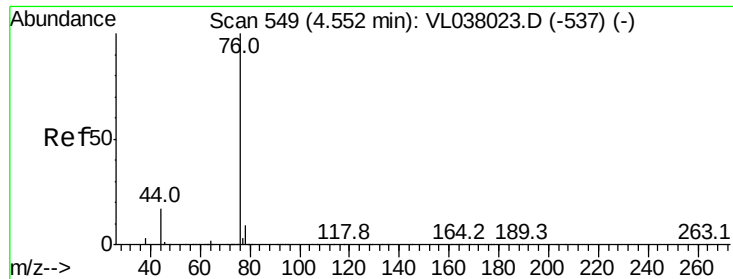
57 100

41 96.3 70.8 106.2

43 198.7 169.4 254.0

56 49.1 41.8 62.8





#27

Carbon Disulfide

Concen: 0.749 ppbv

RT: 4.55

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:

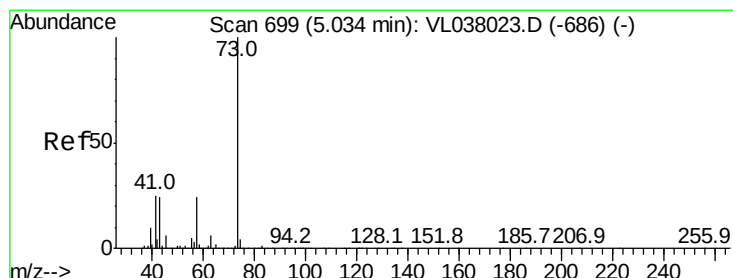
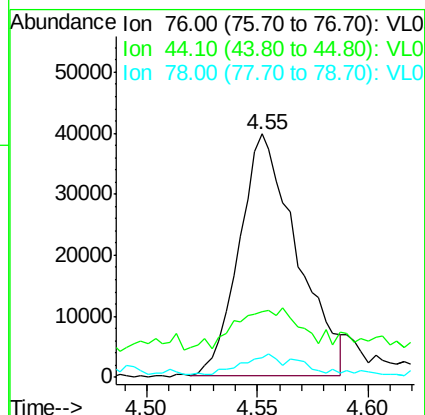
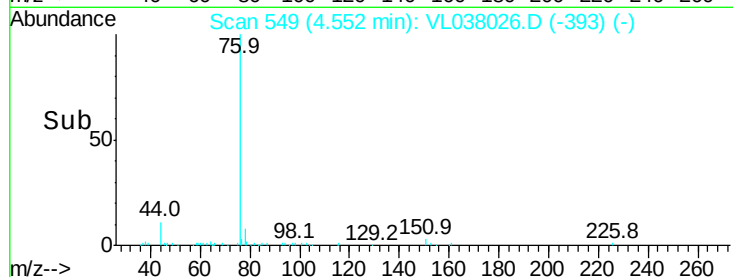
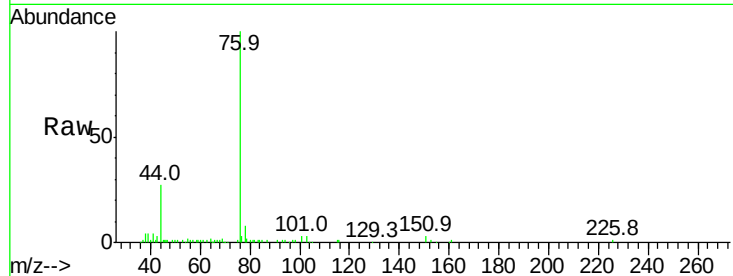
Ion	Ratio
76	100
44	26.
78	11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 0.879 ppbv

RT: 5.06 min Scan# 706

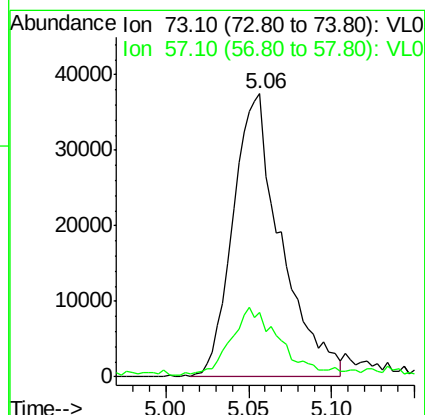
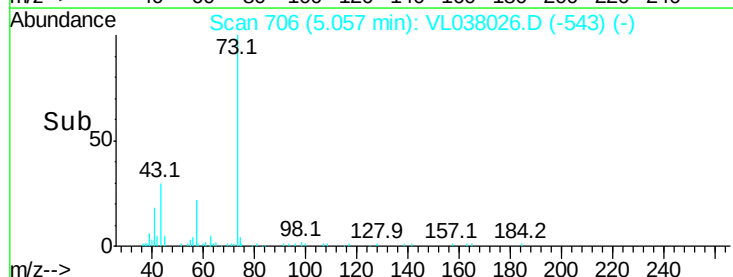
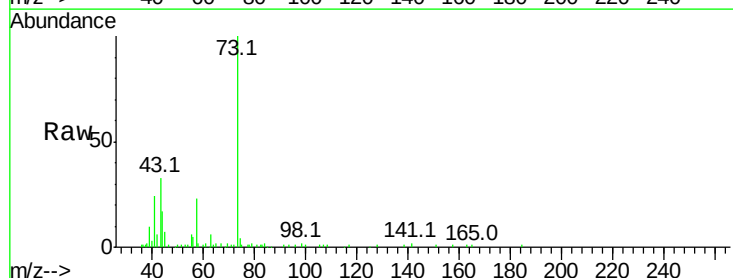
Delta R.T. 0.02 min

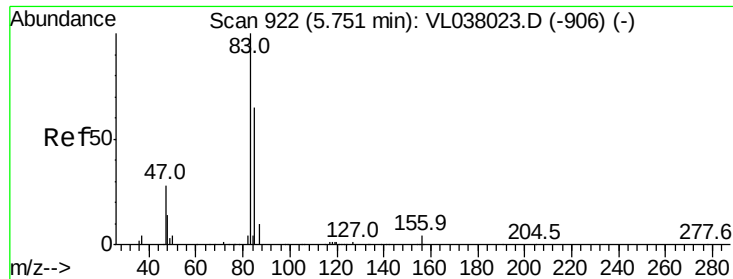
Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion: 73 Resp: 75227

Ion	Ratio	Lower	Upper
73	100		
57	26.2	19.1	28.7



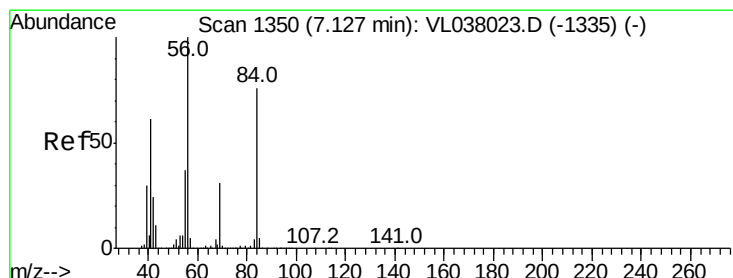
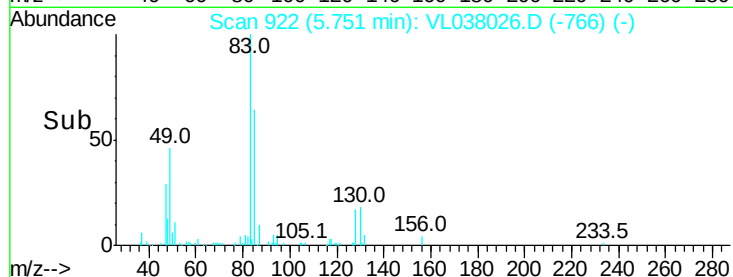
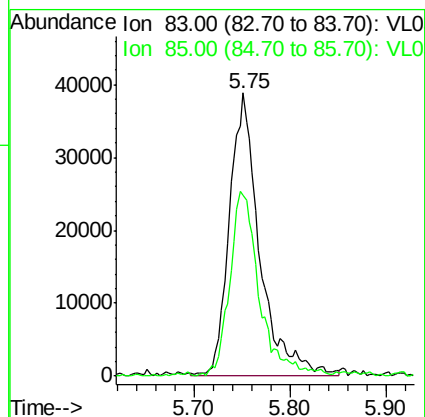
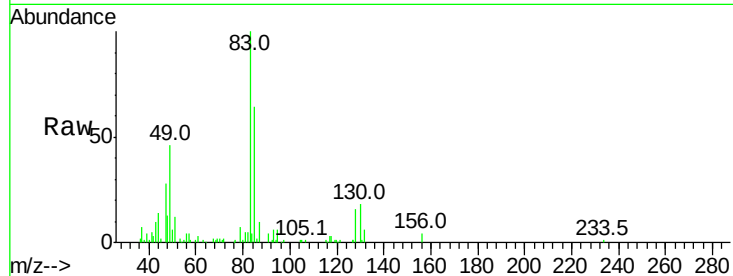


#29
Chloroform
Concen: 0.615 ppbv m
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:43

Tot Ion:
Ion Rati
83 100
85 63.

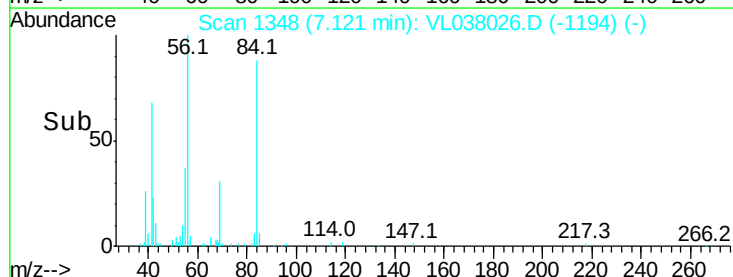
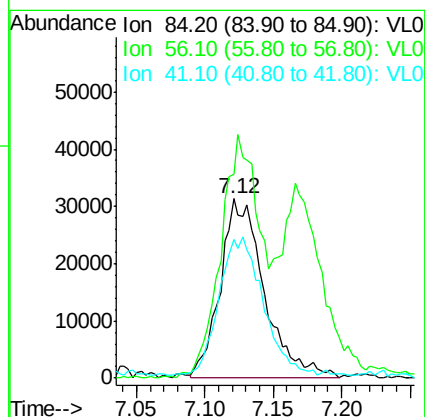
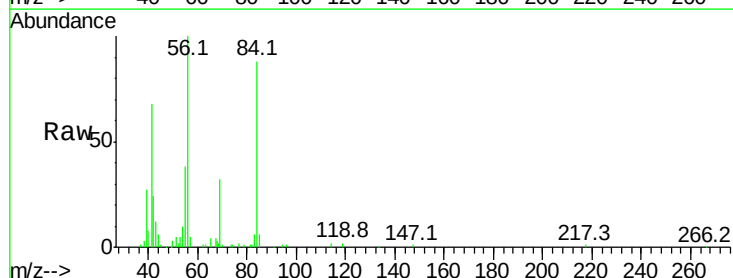
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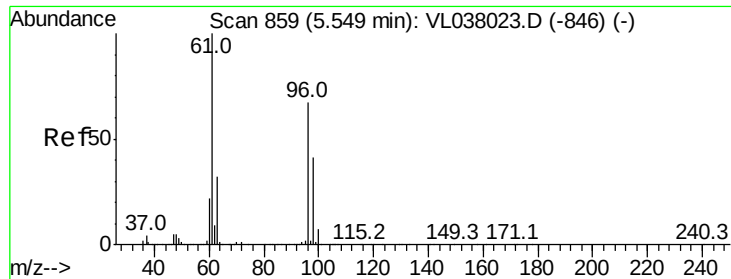
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 0.853 ppbv m
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion: 84 Resp: 70462
Ion Ratio Lower Upper
84 100
56 0.0 109.4 164.2#
41 0.0 65.8 98.6#





#31

cis-1,2-Dichloroethene

Concen: 0.618 ppbv m

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

61 100

96 54.

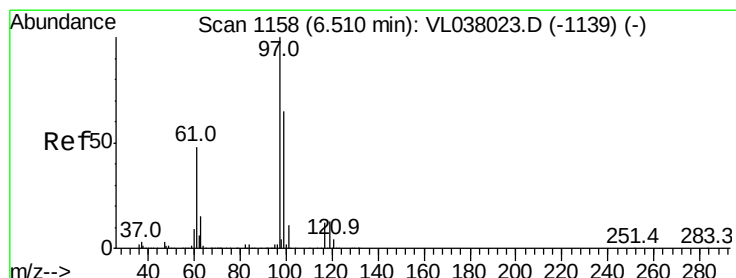
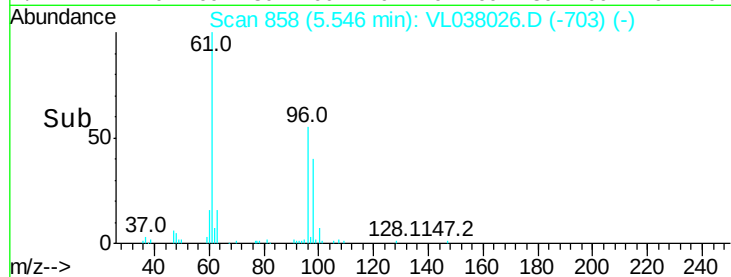
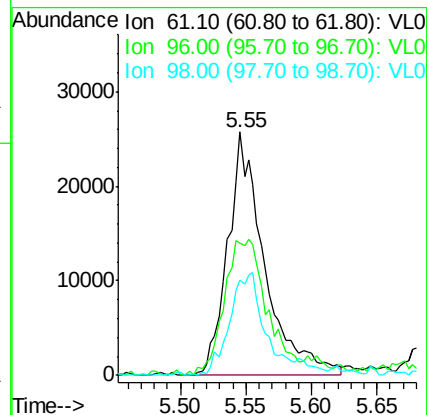
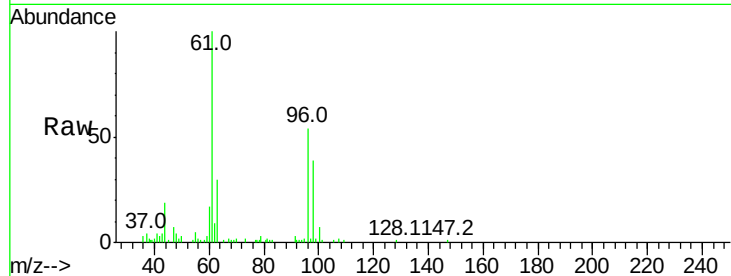
98 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 0.795 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

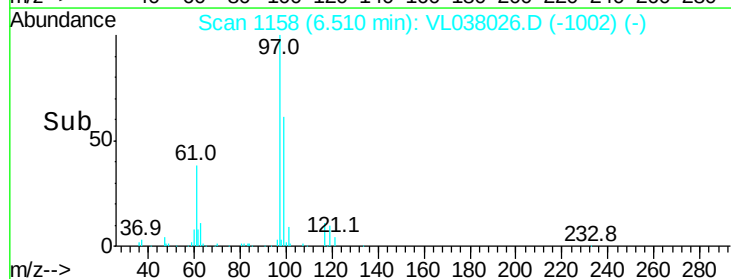
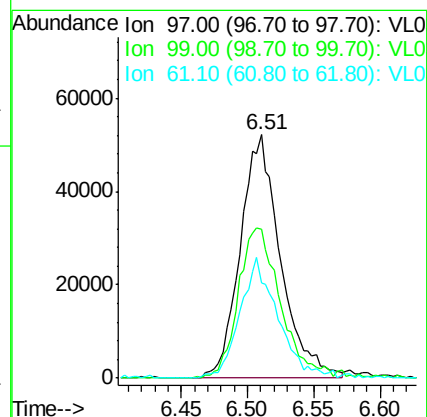
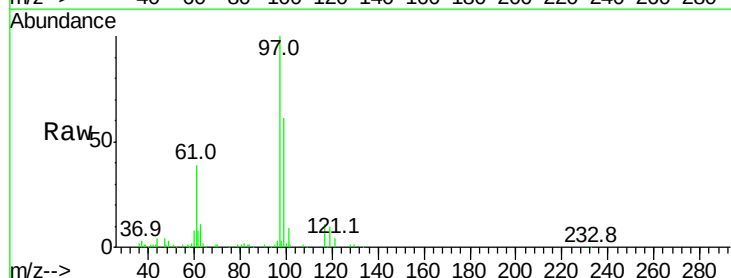
Tgt Ion: 97 Resp: 110294

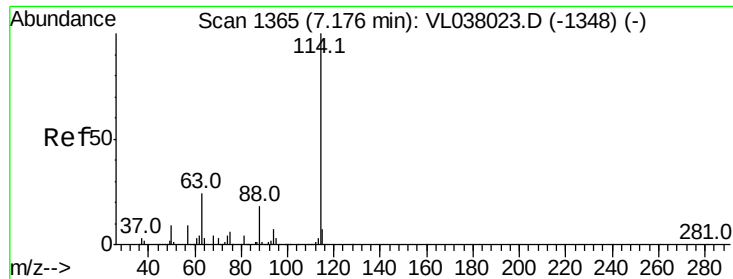
Ion Ratio Lower Upper

97 100

99 65.0 51.9 77.9

61 47.3 37.9 56.9





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

114 100

63 24.

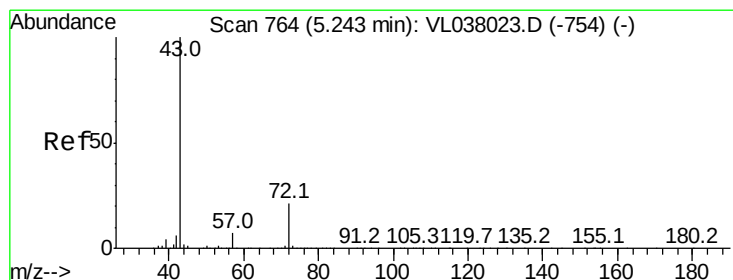
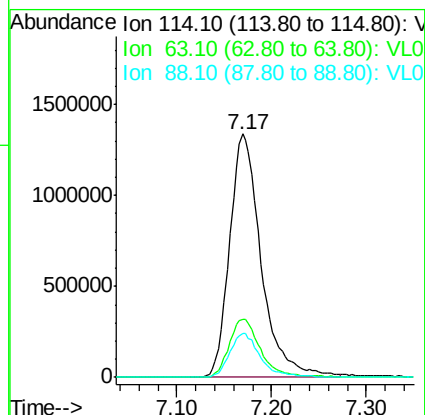
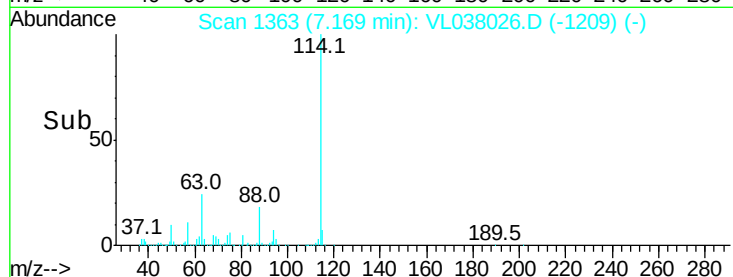
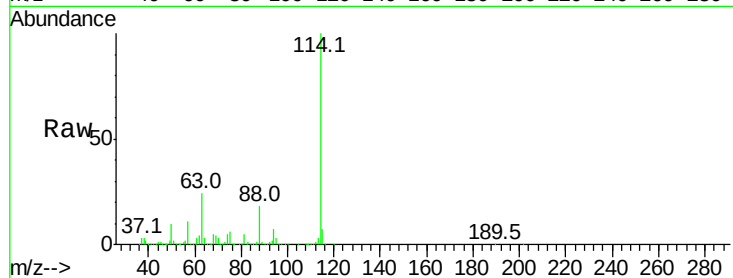
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

2-Butanone

Concen: 0.512 ppbv m

RT: 5.26 min Scan# 770

Delta R.T. 0.02 min

Lab File: VL038026.D

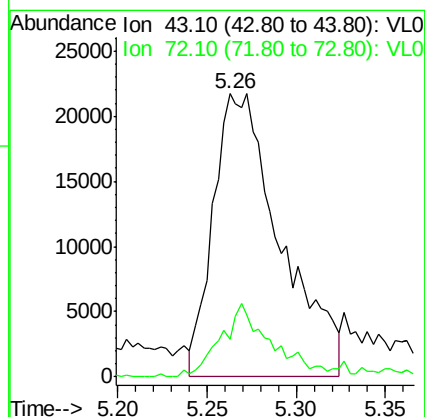
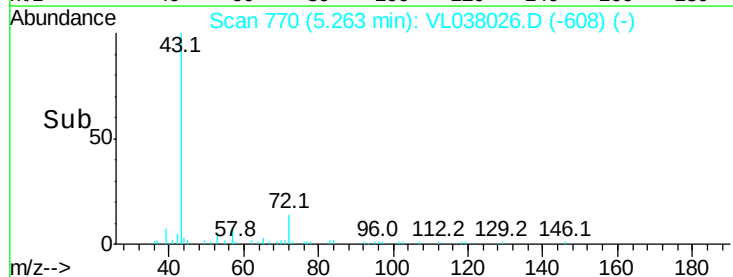
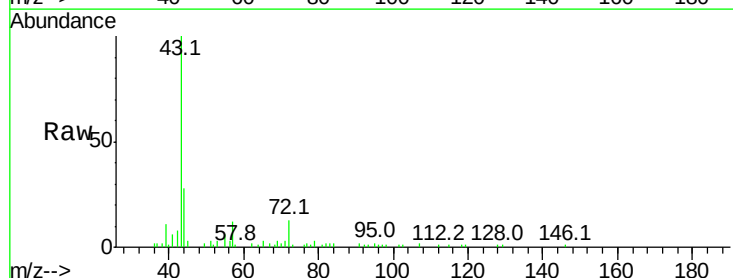
Acq: 16 Nov 2021 3:43

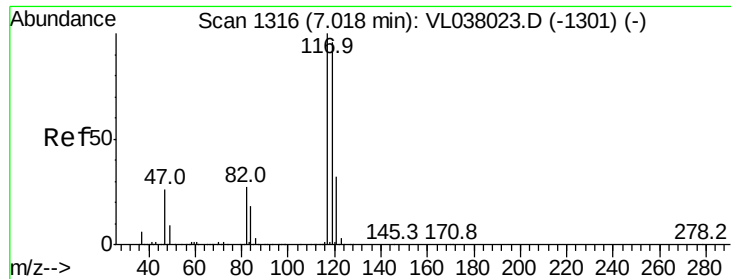
Tgt Ion: 43 Resp: 56924

Ion Ratio Lower Upper

43 100

72 0.0 18.2 27.4#



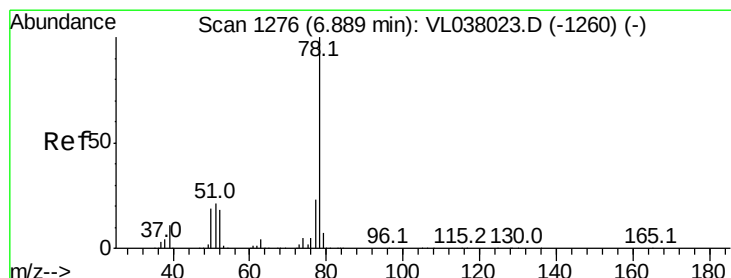
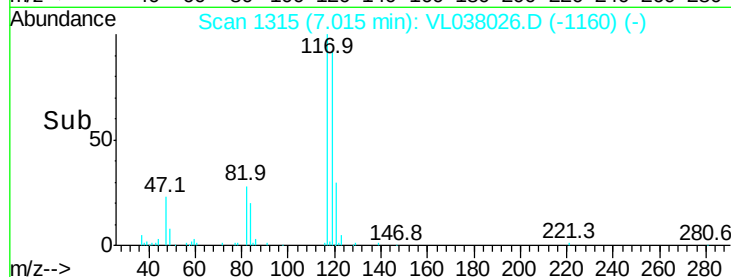
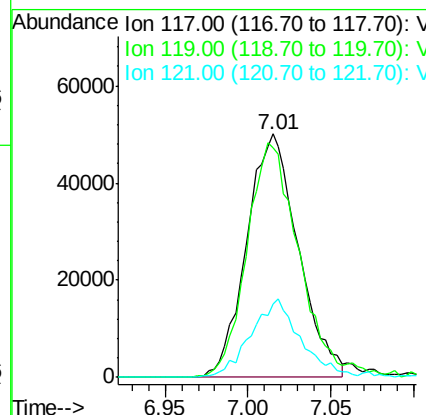
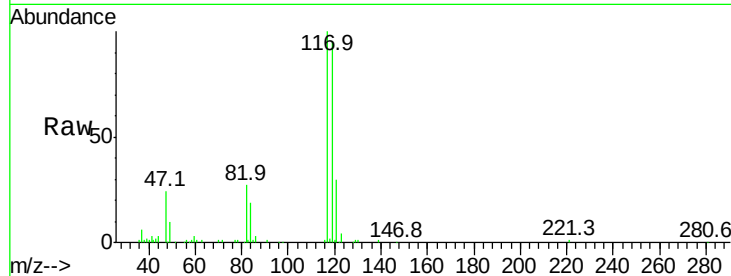


#35
Carbon Tetrachloride
Concen: 0.571 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

Tot Ion: 1
Ion Ratio
117 100
119 94.
121 30.

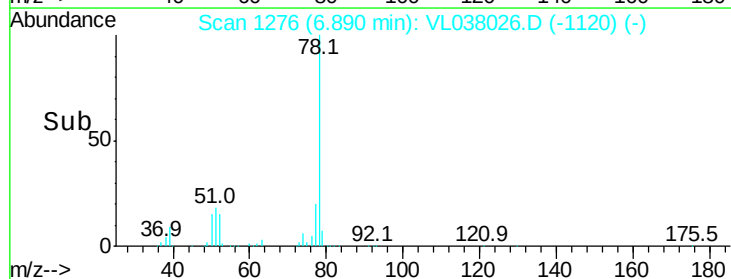
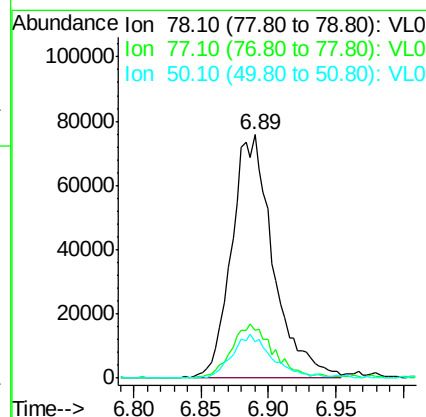
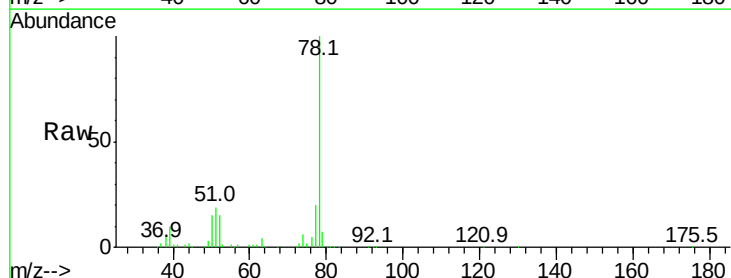
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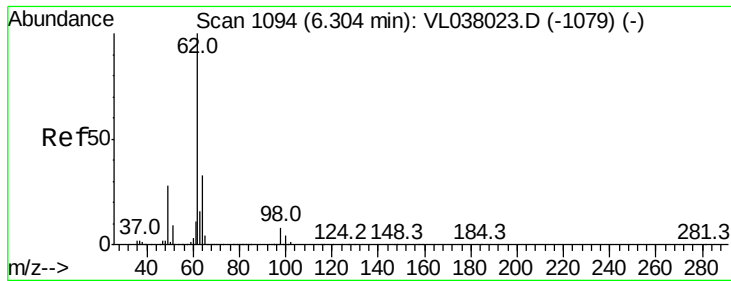
Reviewed By : Semsettin Yesilyurt 11/17/2021
Supervised By : Mahesh Dadoda 11/17/2021



#36
Benzene
Concen: 0.635 ppbv m
RT: 6.89 min Scan# 1276
Delta R.T. 0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion: 78 Resp: 162287
Ion Ratio Lower Upper
78 100
77 19.6 18.8 28.2
50 14.8 14.9 22.3#



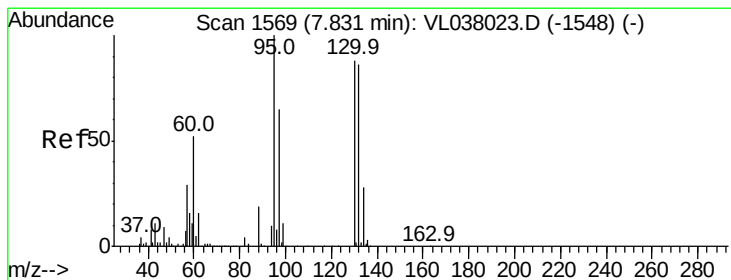
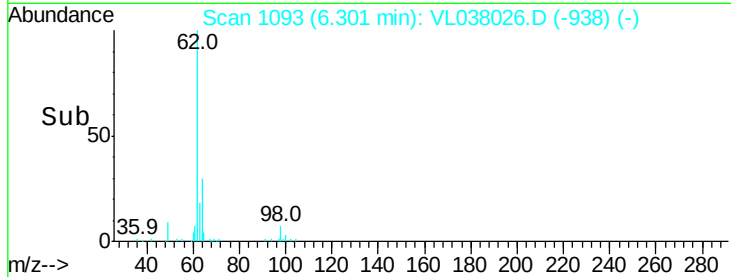
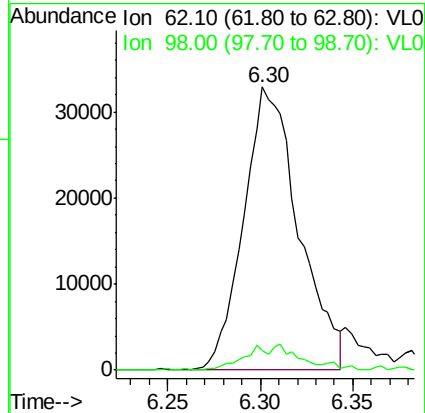
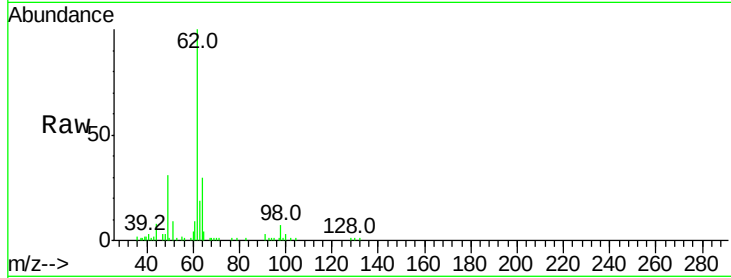


#37
 1,2-Dichloroethane
 Concen: 0.559 ppbv
 RT: 6.30
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 62 100
 98 9.

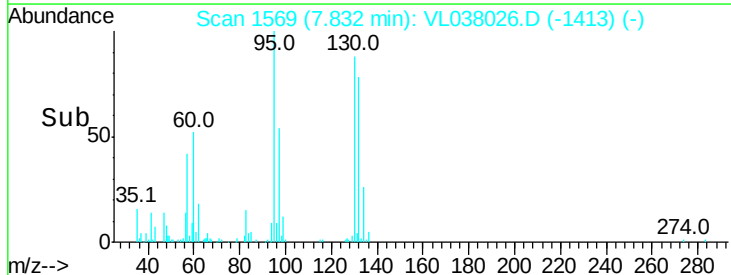
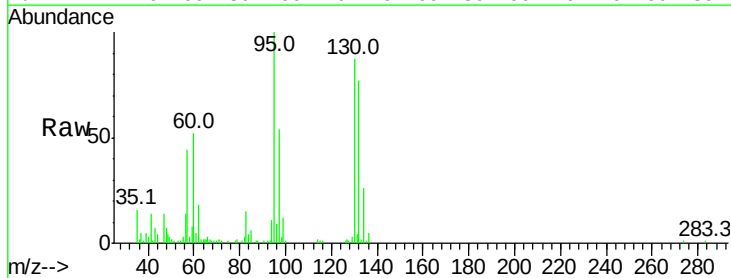
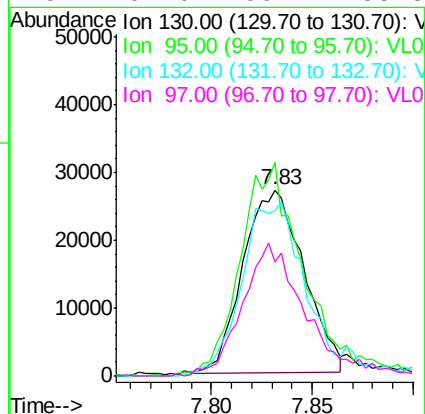
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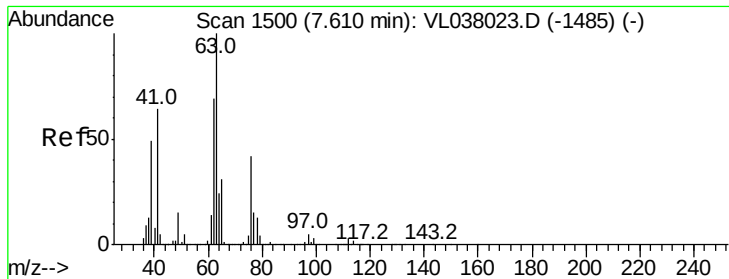
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 0.542 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion:130 Resp: 56786
 Ion Ratio Lower Upper
 130 100
 95 115.0 90.5 135.7
 132 89.9 77.4 116.0
 97 62.0 59.2 88.8



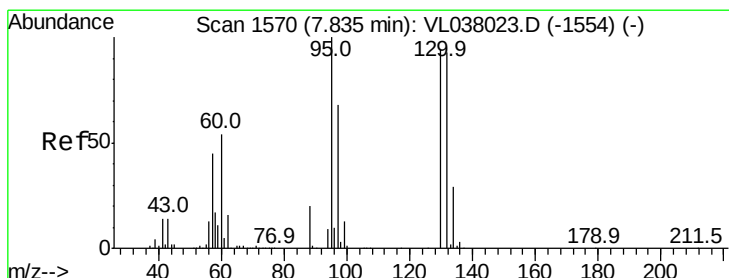
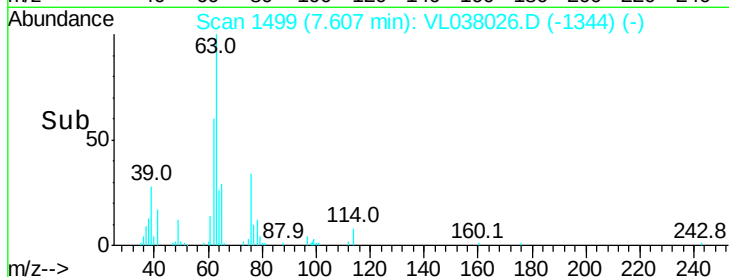
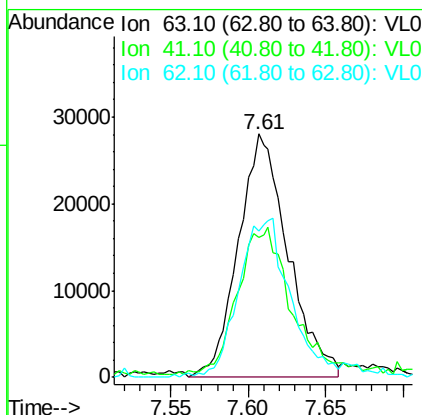
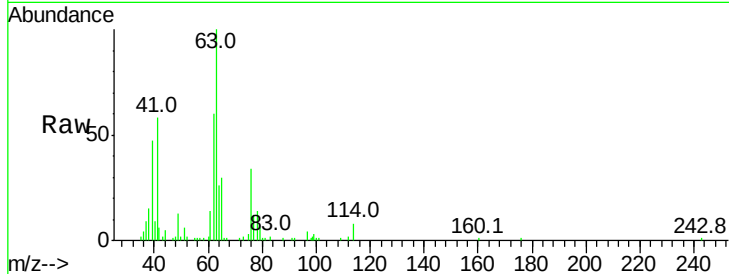


#39
 1,2-Dichloropropane
 Concen: 0.645 ppbv
 RT: 7.61 min
 Delta R.T.: 0.03 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 63 100
 41 52.1
 62 58.8

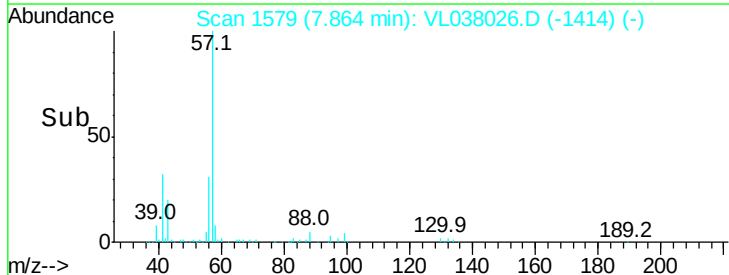
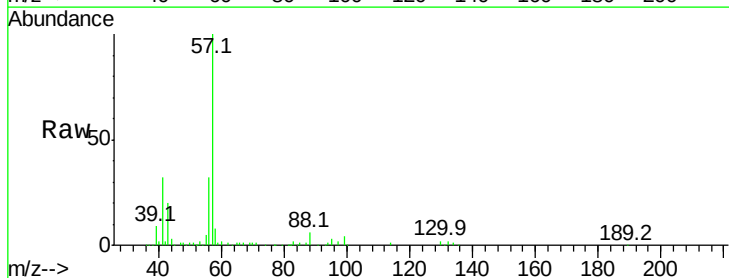
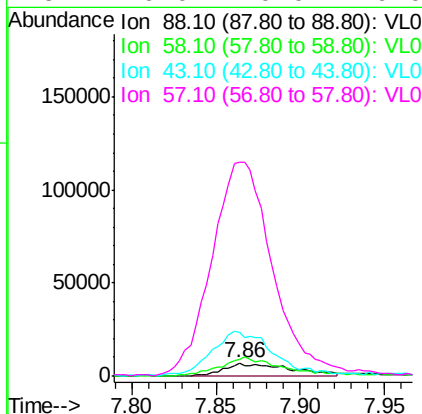
Manual Integrations
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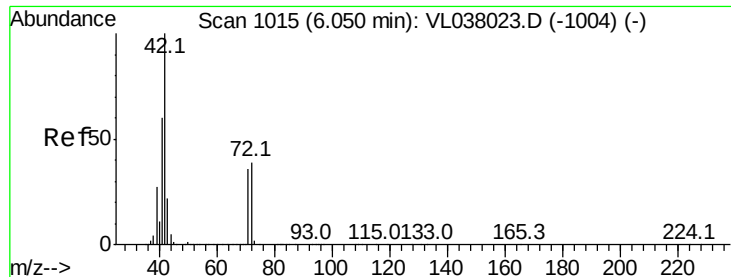
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 0.730 ppbv m
 RT: 7.86 min Scan# 1579
 Delta R.T.: 0.03 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 88 Resp: 18302
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.744 ppbv m

RT: 6.08 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

42 100

72 0.

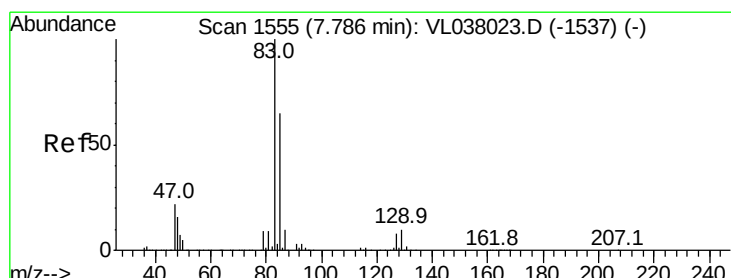
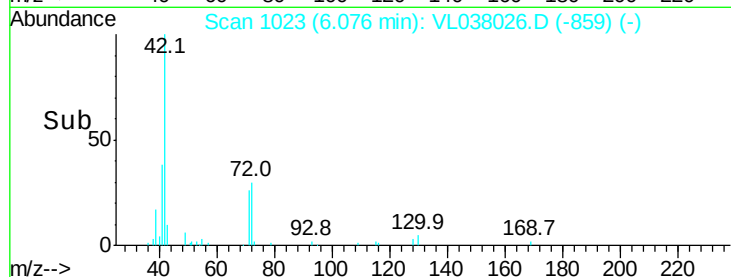
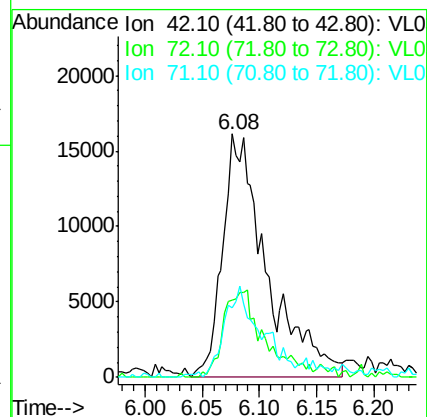
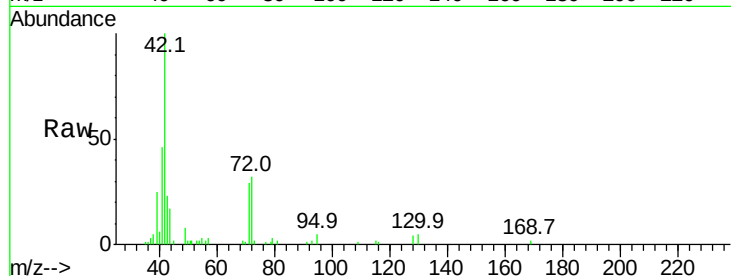
71 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#42

Bromodichloromethane

Concen: 0.597 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

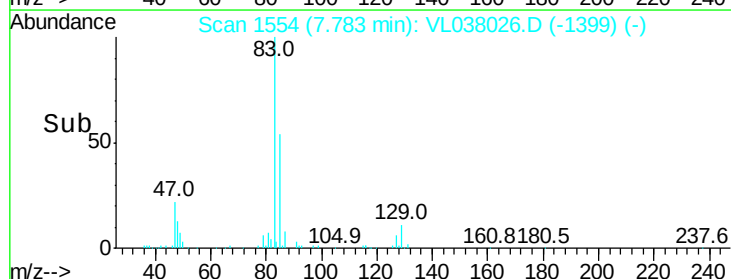
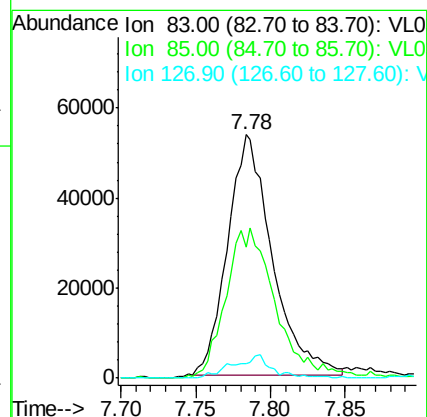
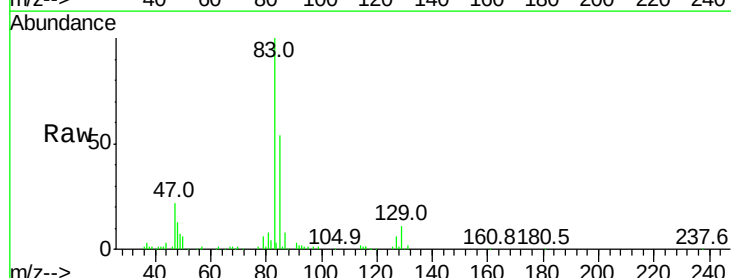
Tgt Ion: 83 Resp: 110931

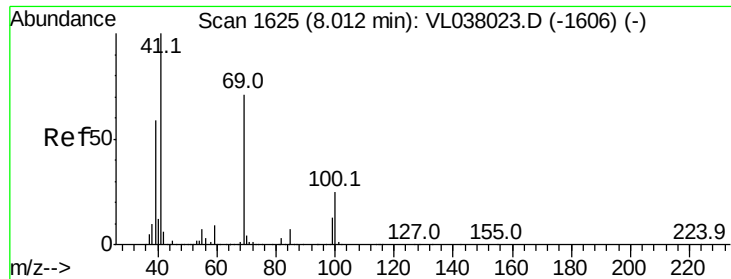
Ion Ratio Lower Upper

83 100

85 53.7 51.6 77.4

127 6.1 6.6 10.0#





#43

Methyl Methacrylate

Concen: 0.631 ppbv

RT: 8.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

69 100

41 150.

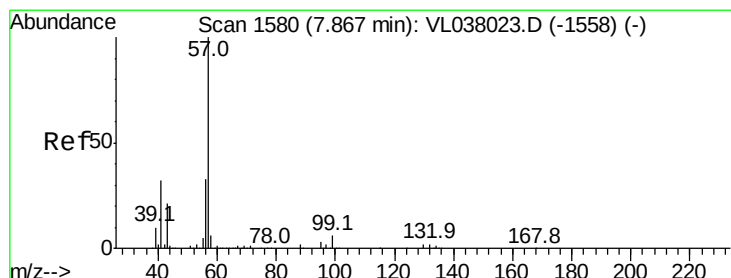
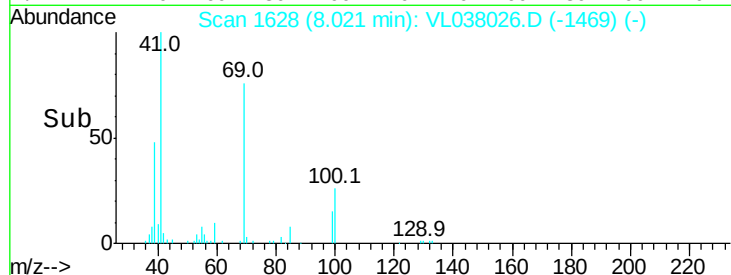
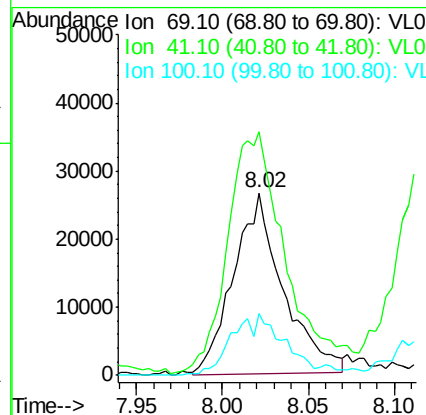
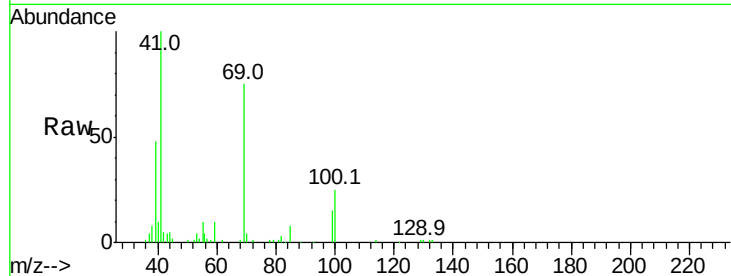
100 38.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

2,2,4-Trimethylpentane

Concen: 0.665 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

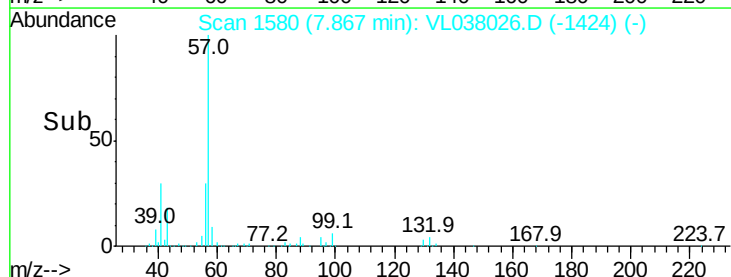
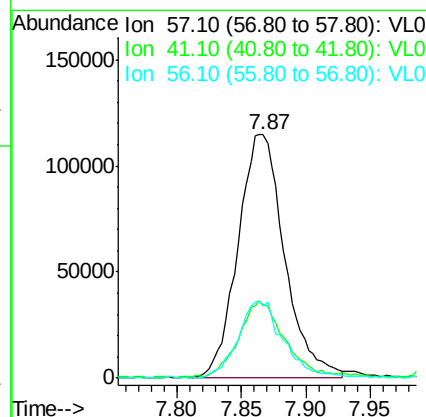
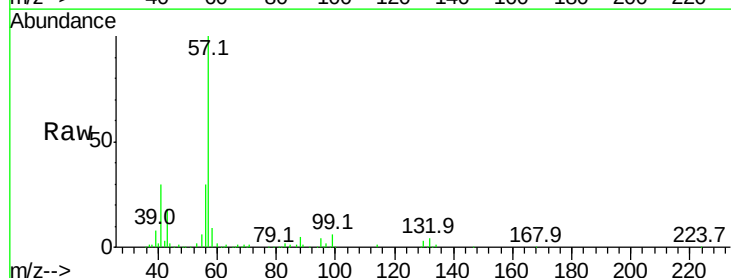
Tgt Ion: 57 Resp: 287946

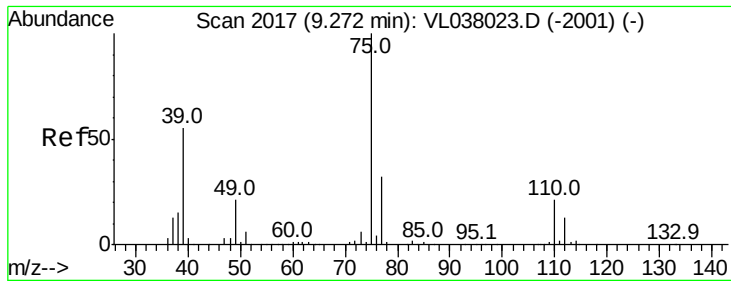
Ion Ratio Lower Upper

57 100

41 30.7 26.3 39.5

56 31.4 25.6 38.4



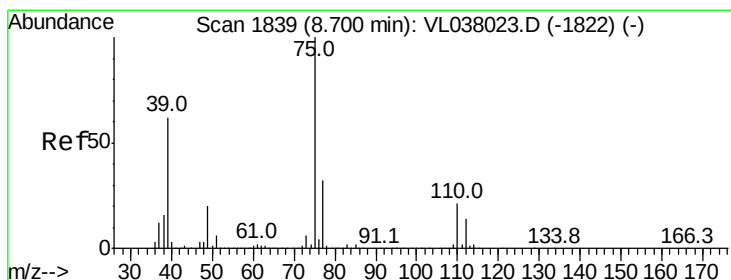
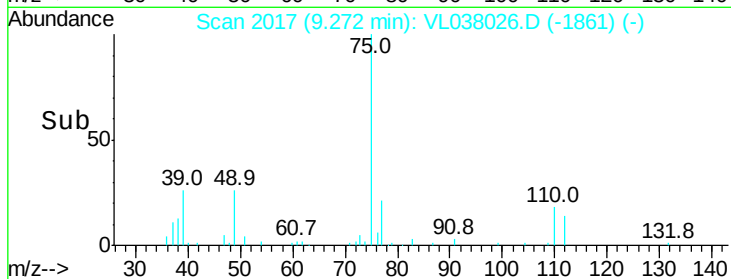
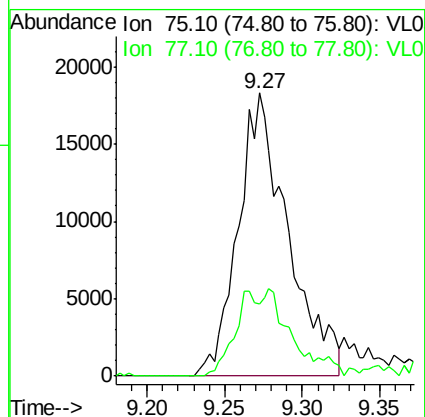
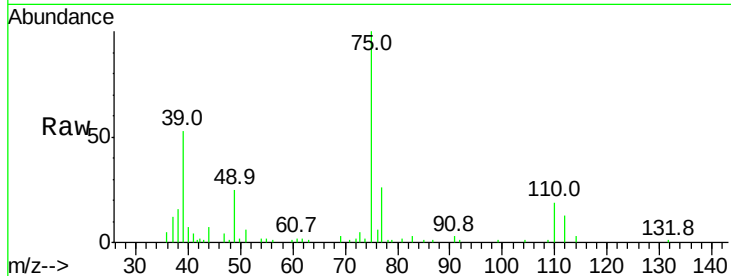


#45
 t-1,3-Dichloropropene
 Concen: 0.633 ppbv m
 RT: 9.27 Instrument : MSVOA_1
 Delta R.T. ClientSampleId :
 Lab File: VSTDIC0.5
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 75 100
 77 25.

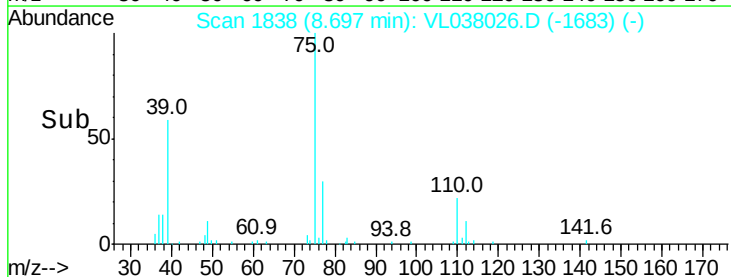
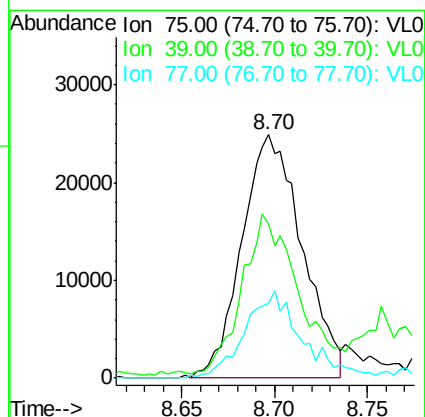
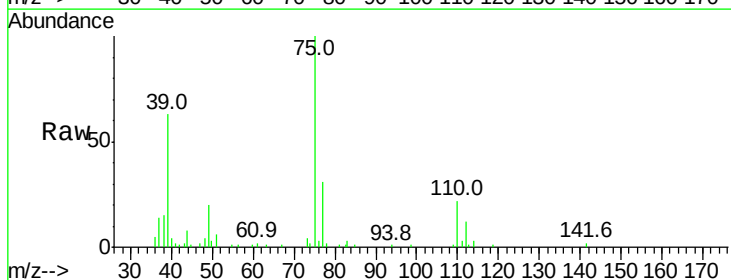
Manual Integrations
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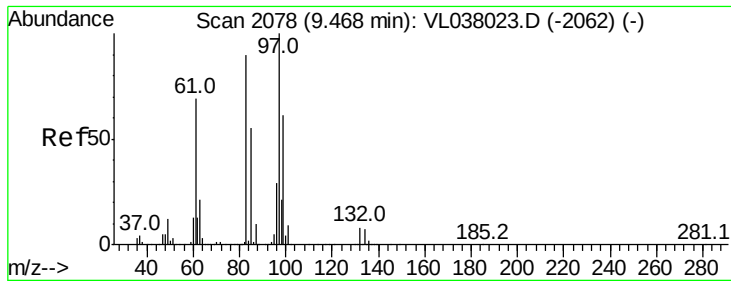
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#46
 cis-1,3-Dichloropropene
 Concen: 0.650 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 75 Resp: 56332
 Ion Ratio Lower Upper
 75 100
 39 61.8 49.2 73.8
 77 29.4 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 0.586 ppbv m

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

97 100

83 88.

85 57.

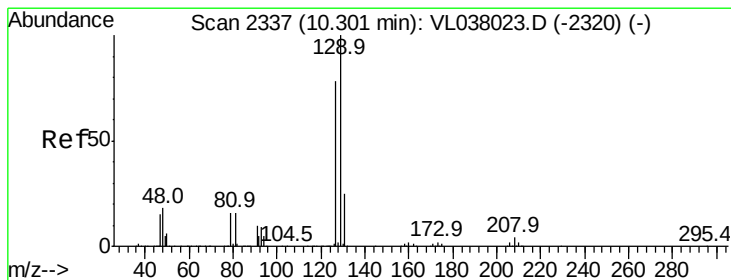
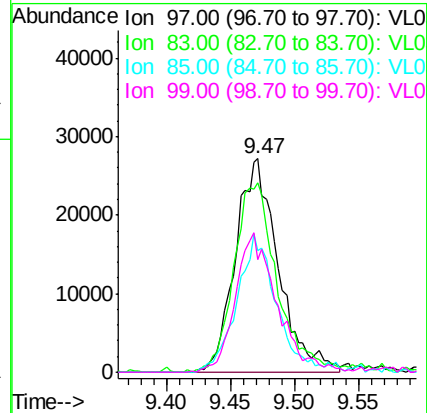
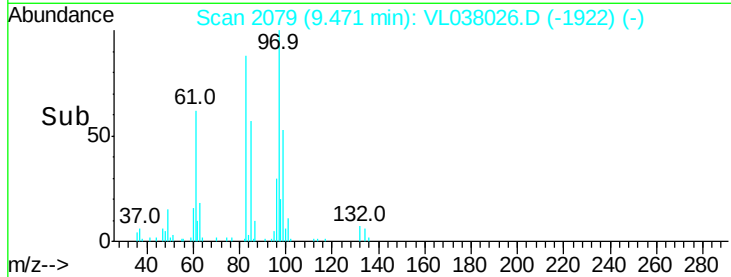
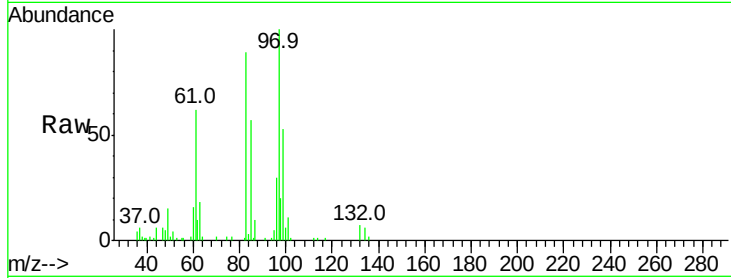
99 52.7 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Dibromochloromethane

Concen: 0.624 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. -0.01 min

Lab File: VL038026.D

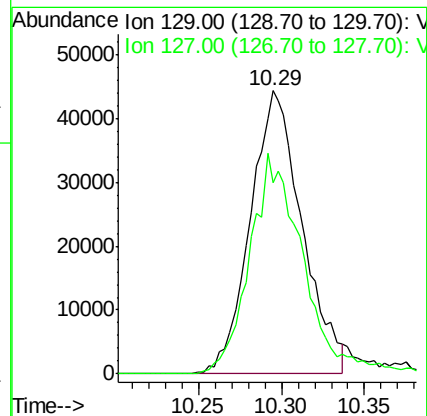
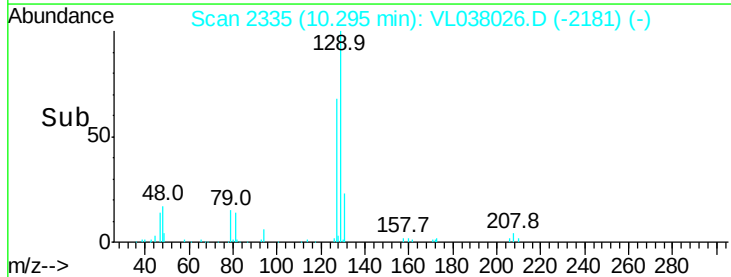
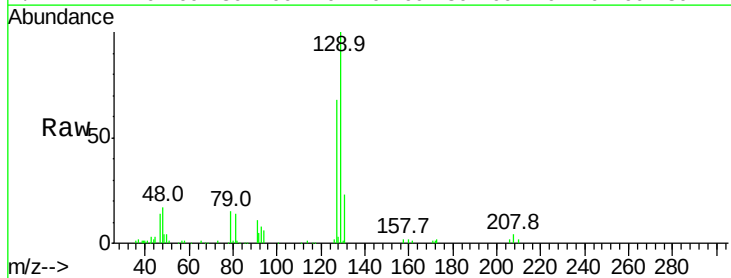
Acq: 16 Nov 2021 3:43

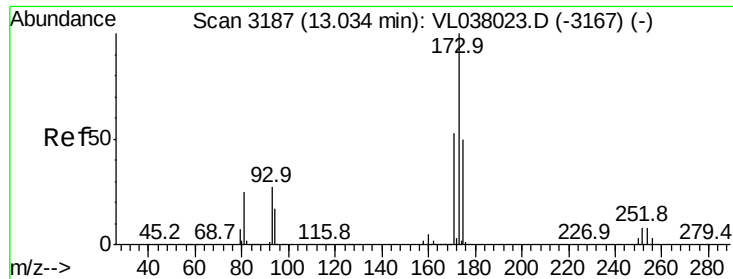
Tgt Ion:129 Resp: 96254

Ion Ratio Lower Upper

129 100

127 79.8 39.8 119.3





#49

Bromoform

Concen: 0.607 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

173 100

175 51.

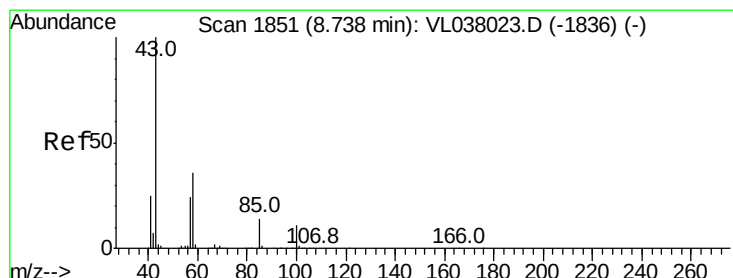
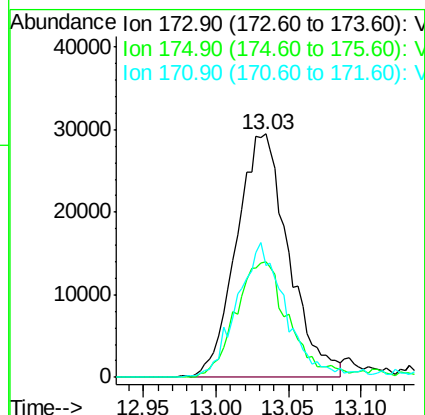
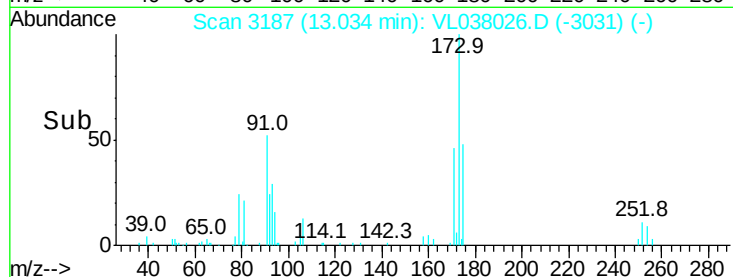
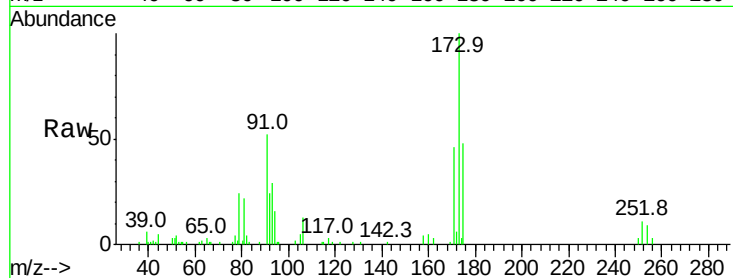
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

4-Methyl-2-Pentanone

Concen: 0.645 ppbv m

RT: 8.76 min Scan# 1859

Delta R.T. 0.03 min

Lab File: VL038026.D

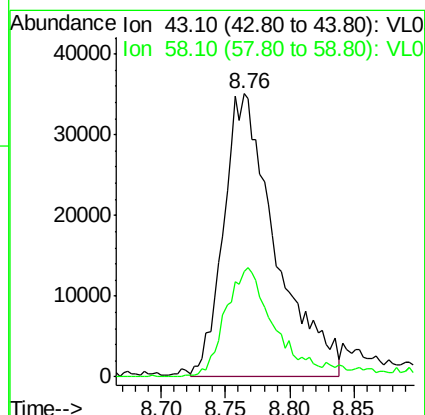
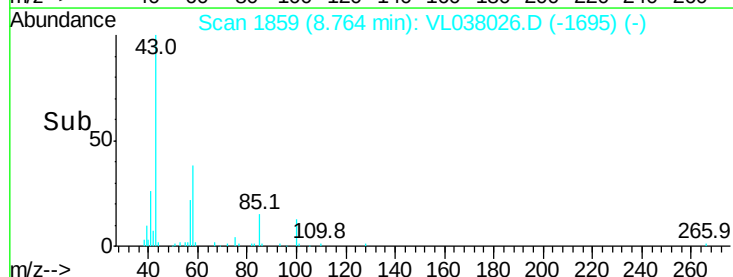
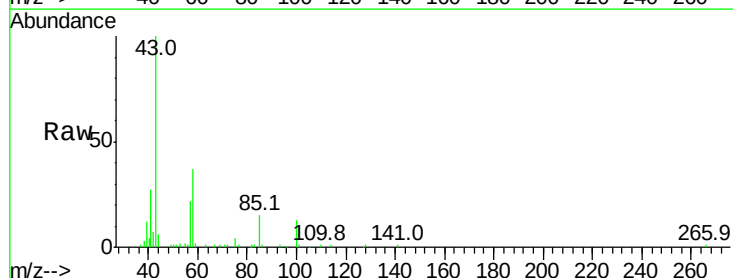
Acq: 16 Nov 2021 3:43

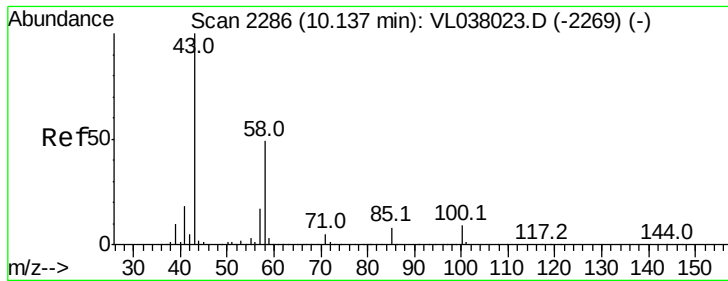
Tgt Ion: 43 Resp: 98944

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.6#



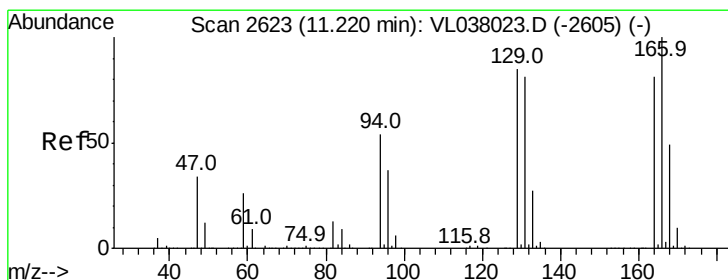
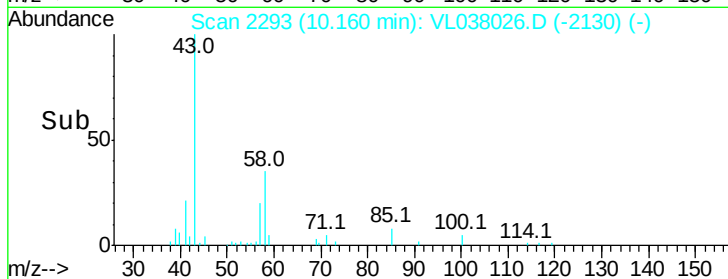
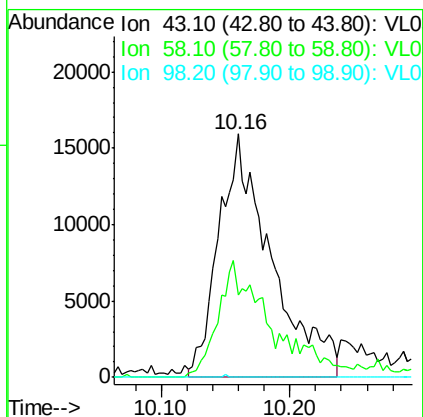
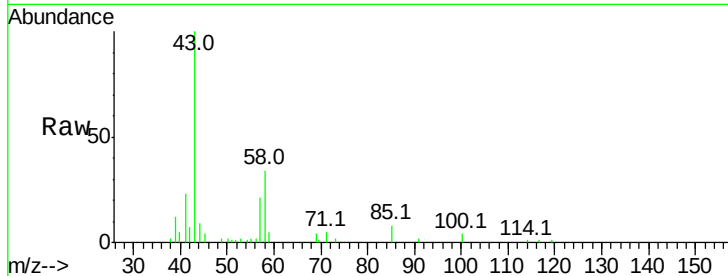


#51
2-Hexanone
Concen: 0.682 ppbv m
RT: 10.16
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
VSTDIC0.5
Acq: 16 Nov 2021 3:43

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

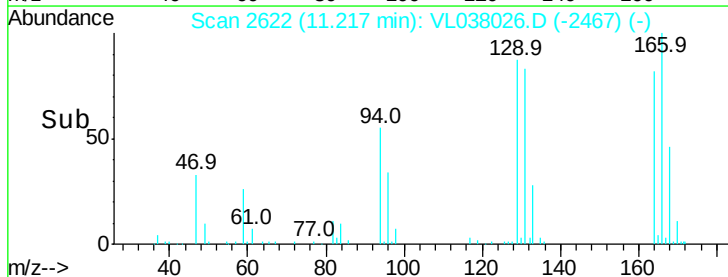
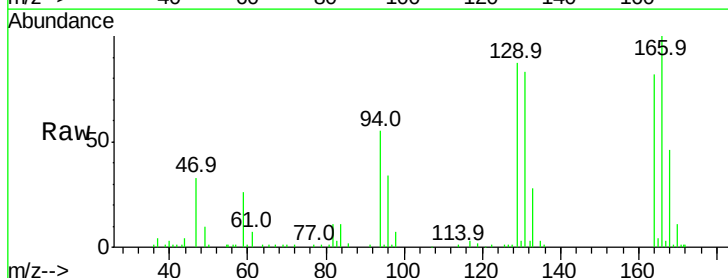
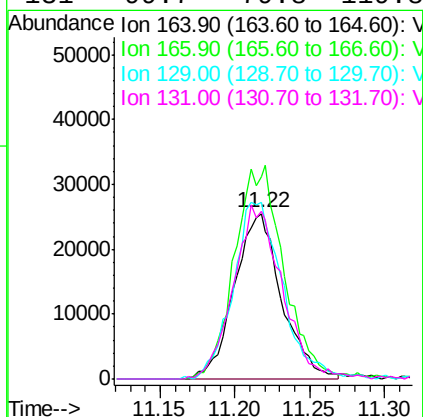
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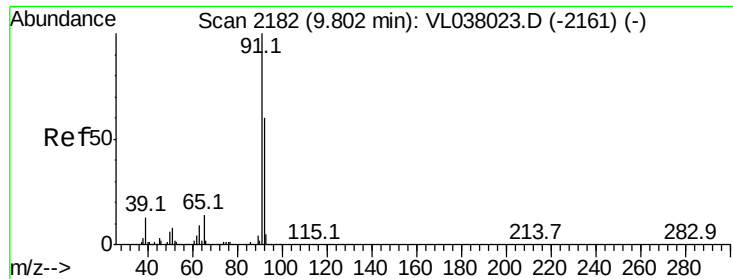
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 0.584 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion:164 Resp: 56010
Ion Ratio Lower Upper
164 100
166 121.6 98.6 148.0
129 105.6 84.1 126.1
131 99.7 79.8 119.8





#53

Toluene

Concen: 0.702 ppbv m

RT: 9.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43 VSTDIC0.5

Tot Ion:

Ion Ratio

91 100

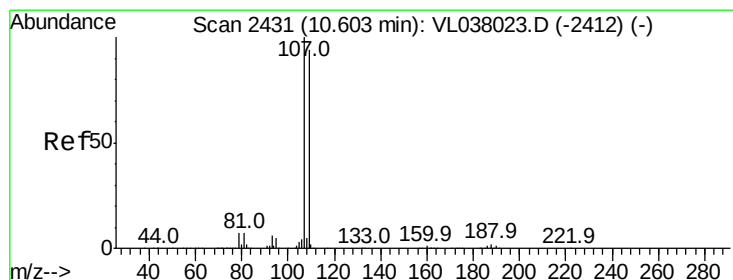
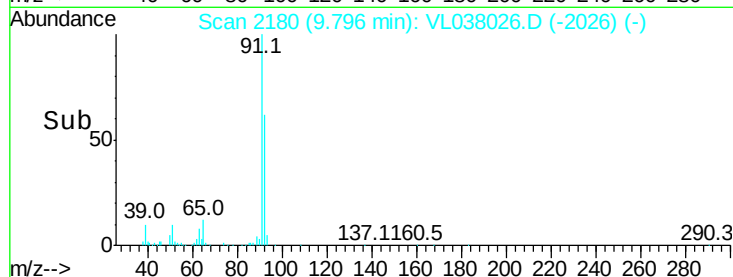
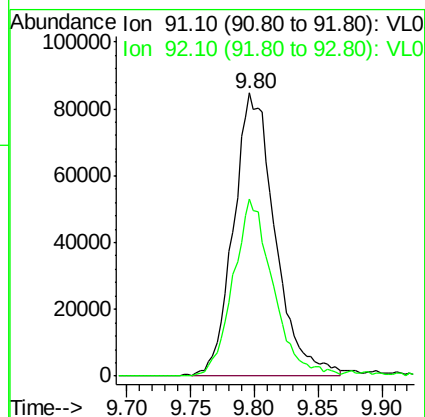
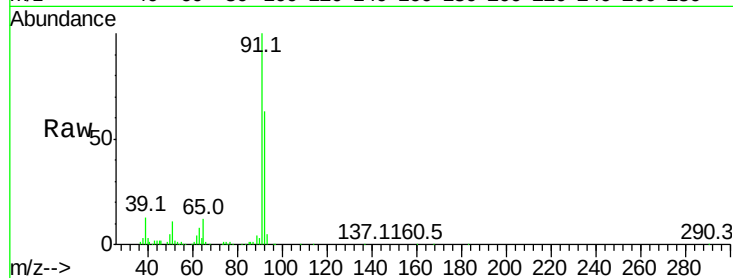
92 60.

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APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 0.577 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038026.D

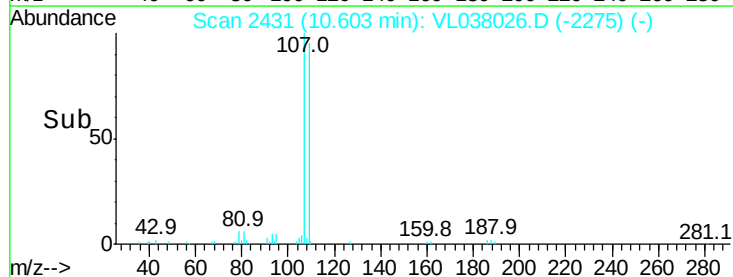
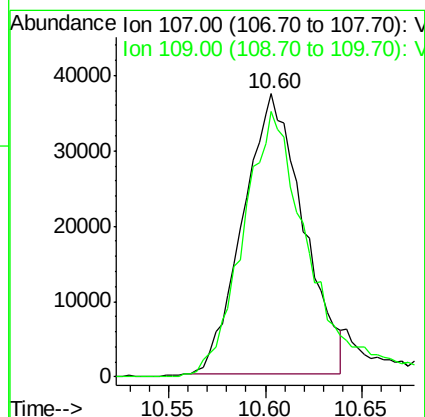
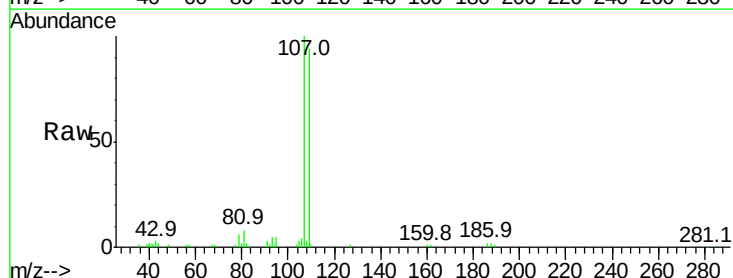
Acq: 16 Nov 2021 3:43

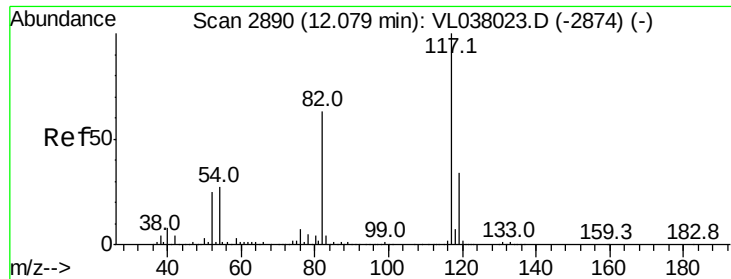
Tgt Ion:107 Resp: 80560

Ion Ratio Lower Upper

107 100

109 93.5 75.0 112.6



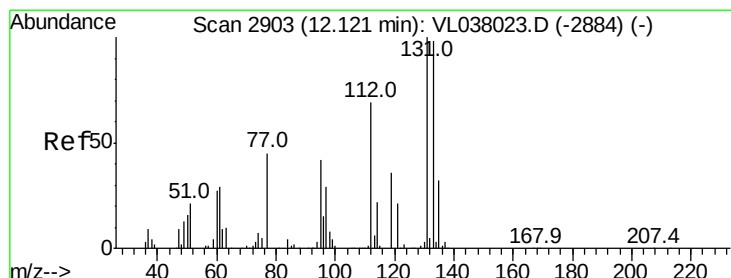
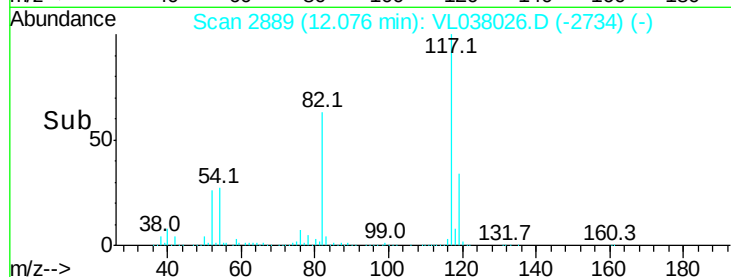
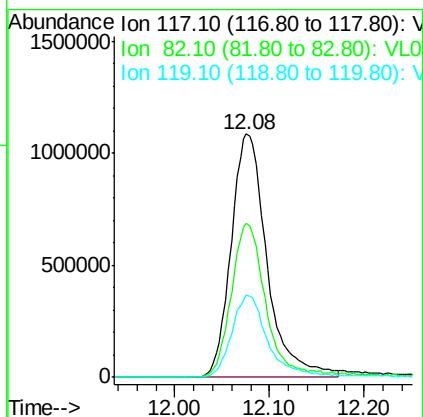
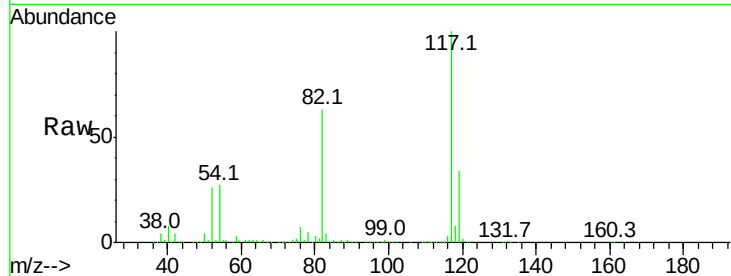


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC0.5
Acq: 16 Nov 2021 3:43

Tot Ion:1
Ion Rati
117 100
82 63.
119 35.

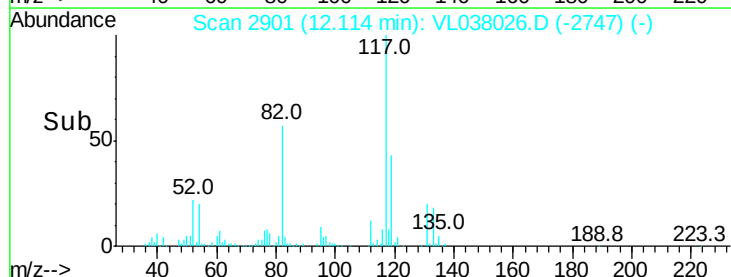
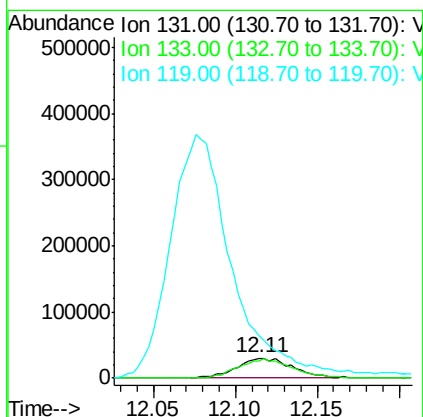
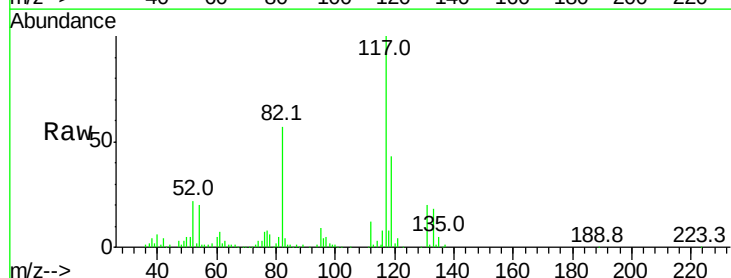
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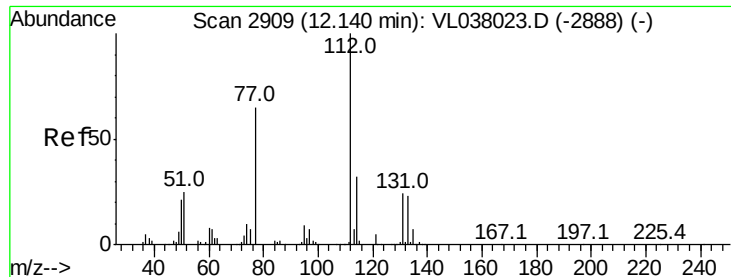
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 0.610 ppbv m
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion:131 Resp: 70376
Ion Ratio Lower Upper
131 100
133 0.0 77.8 116.8#
119 0.0 121.1 181.7#





#57

Chlorobenzene

Concen: 0.591 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Ratio

112 100

77 60.

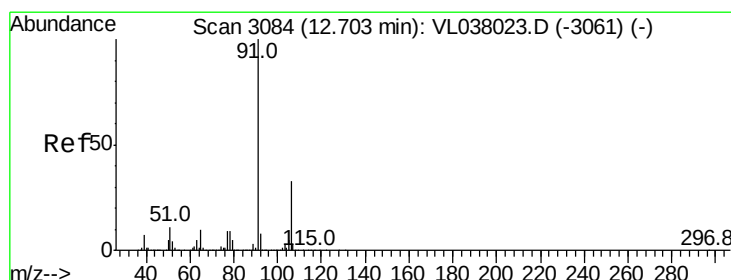
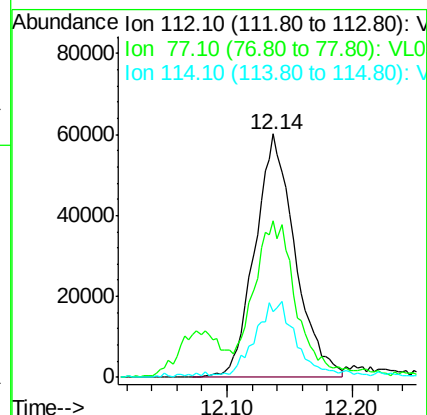
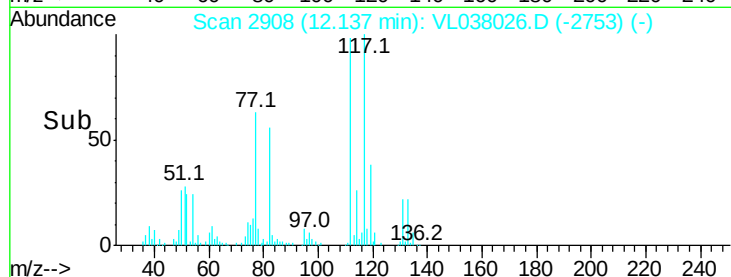
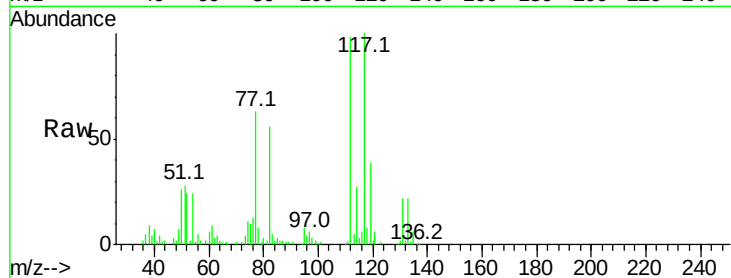
114 26.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

Ethyl Benzene

Concen: 0.714 ppbv m

RT: 12.71 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VL038026.D

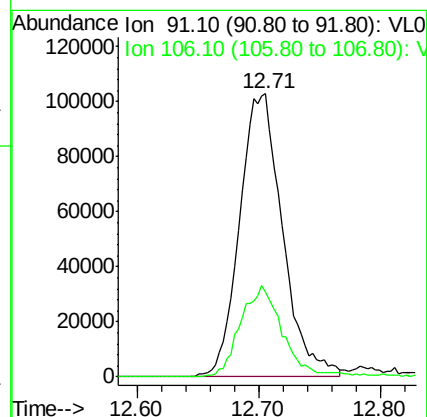
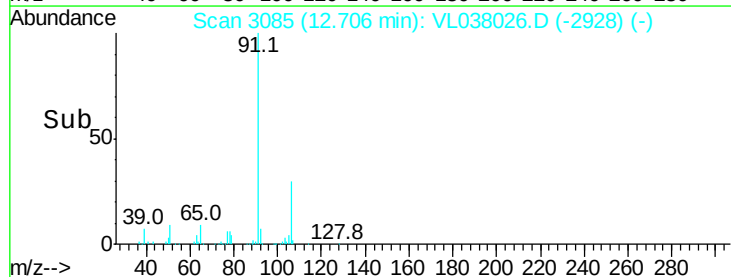
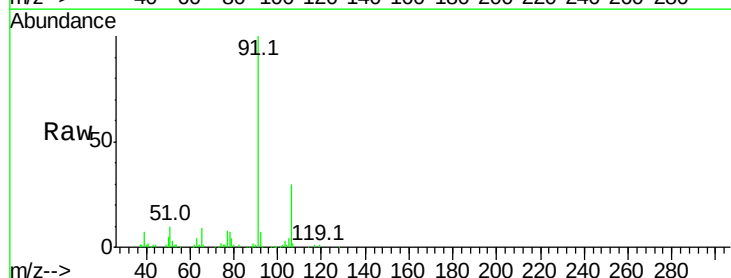
Acq: 16 Nov 2021 3:43

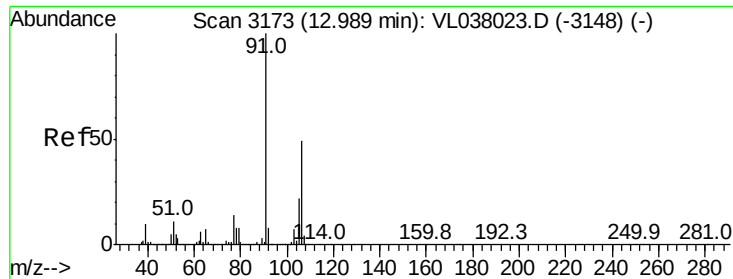
Tgt Ion: 91 Resp: 251210

Ion Ratio Lower Upper

91 100

106 30.1 26.2 39.2



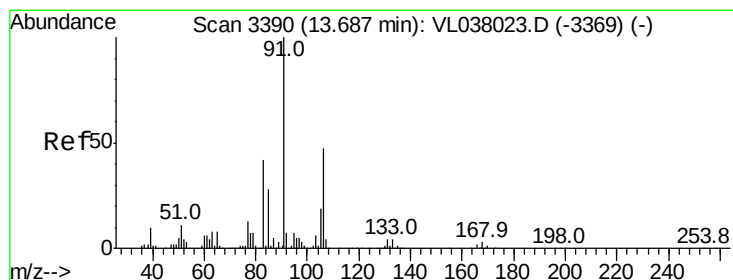
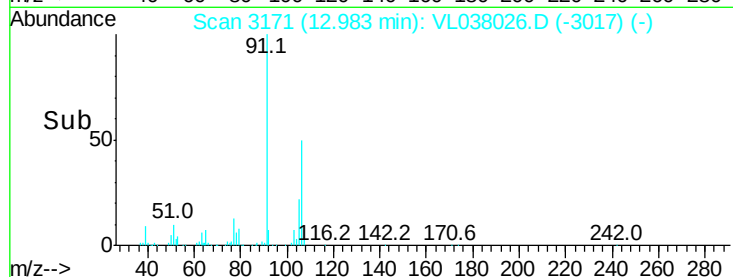
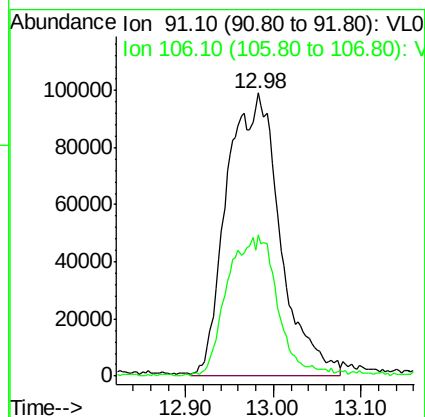
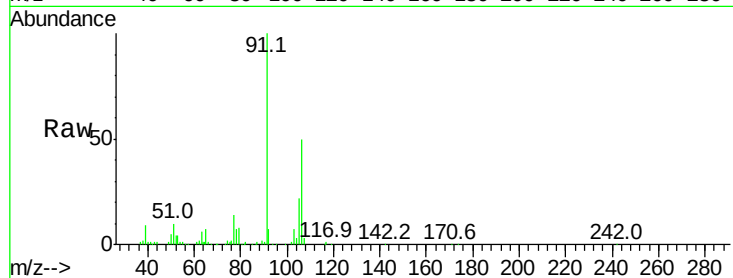


#59
m/p-Xylene
Concen: 1.359 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:43

Tot Ion:
Ion Ratio
91 100
106 45.

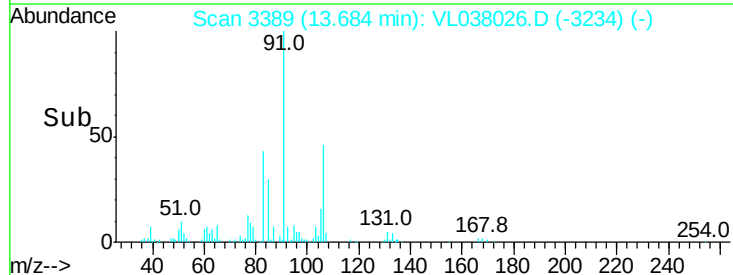
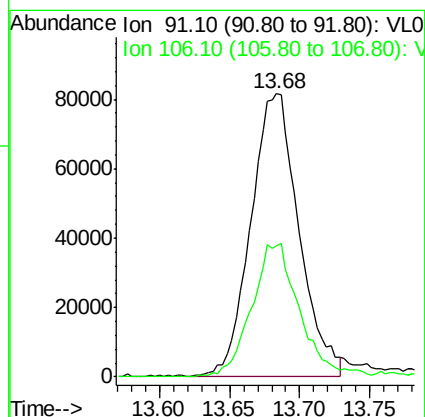
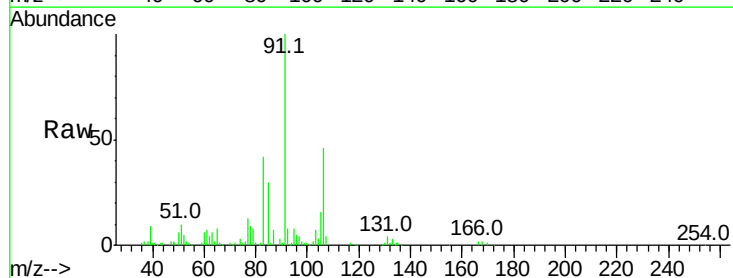
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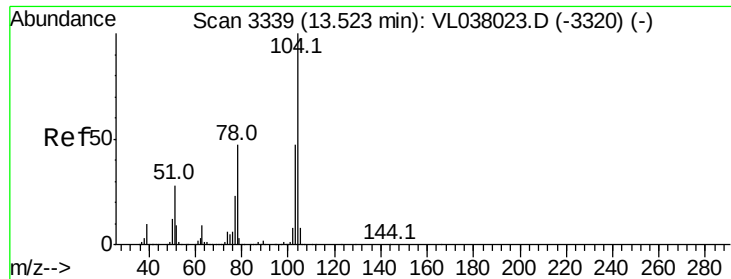
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 0.666 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion: 91 Resp: 193721
Ion Ratio Lower Upper
91 100
106 47.8 24.2 72.6



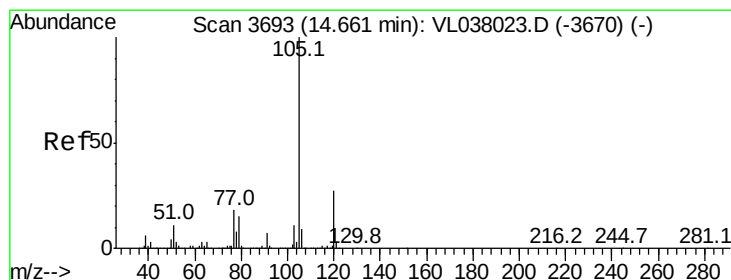
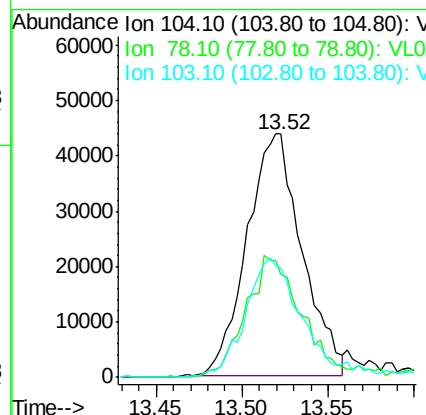
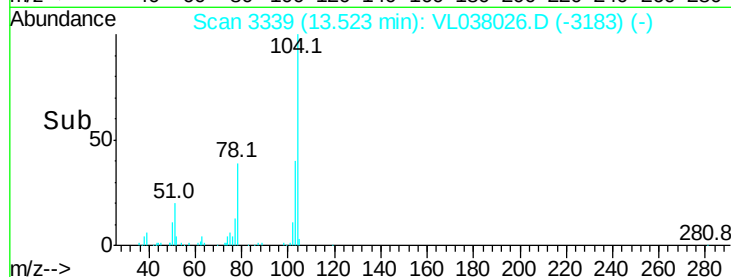
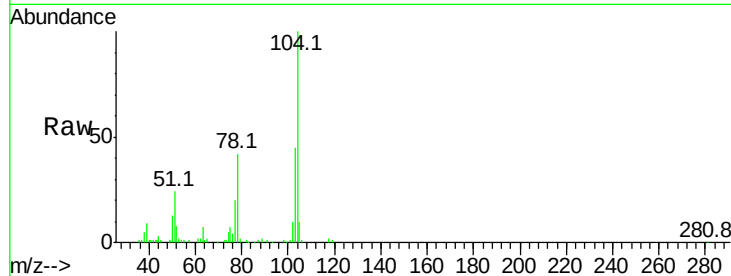


#61
Stvrene
Concen: 0.713 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:43

Tot Ion:1
Ion Rati
104 100
78 54.
103 52.

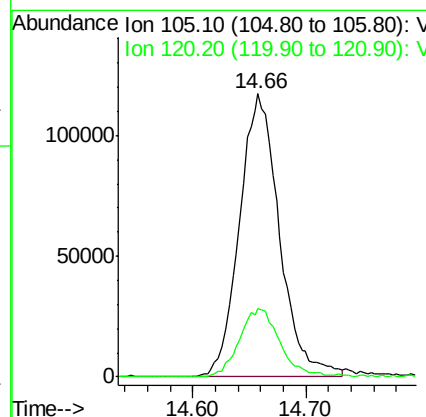
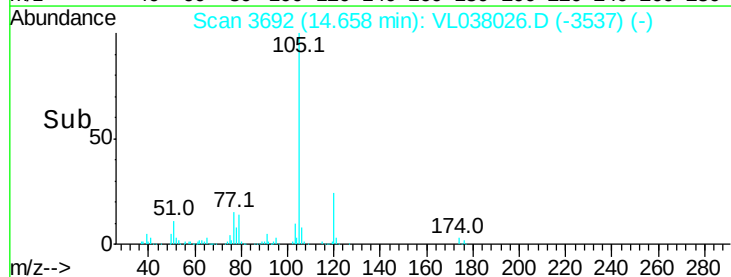
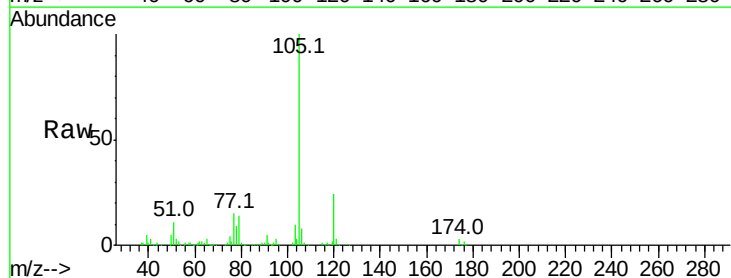
Manual Integrations
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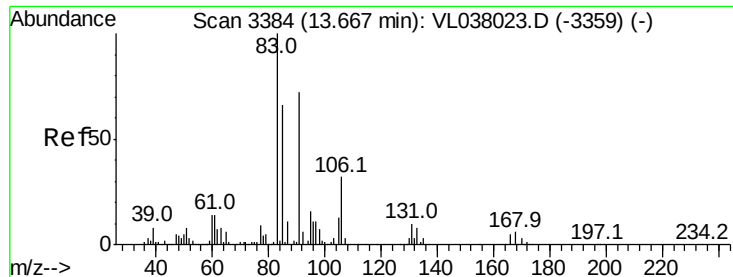
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
Isopropylbenzene
Concen: 0.694 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.00 min
Lab File: VL038026.D
Acq: 16 Nov 2021 3:43

Tgt Ion:105 Resp: 288250
Ion Ratio Lower Upper
105 100
120 24.2 21.7 32.5



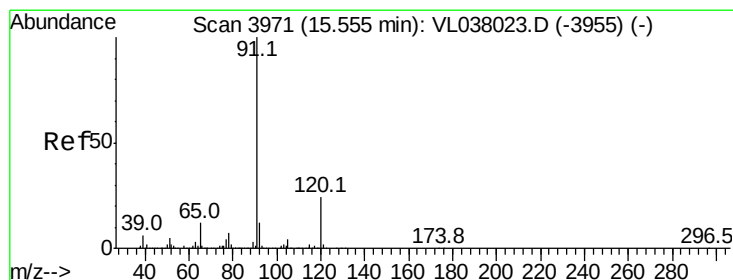
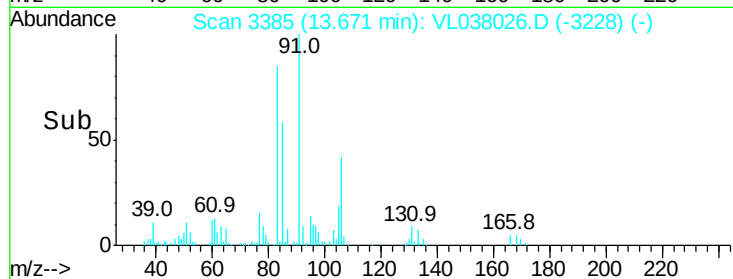
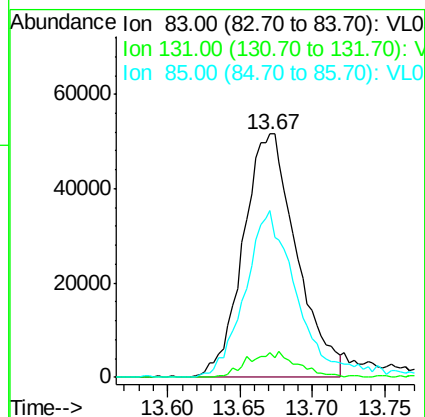
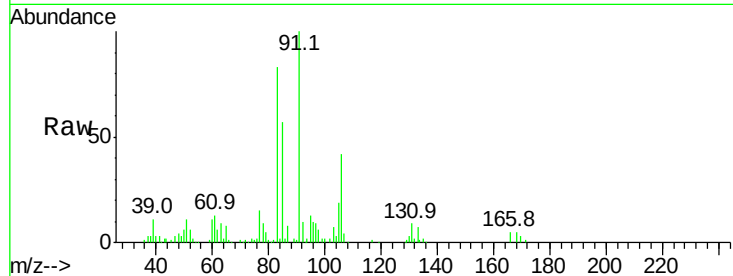


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.527 ppbv
 RT: 13.67 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDIC0.5
 Acq: 16 Nov 2021 3:43

Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.

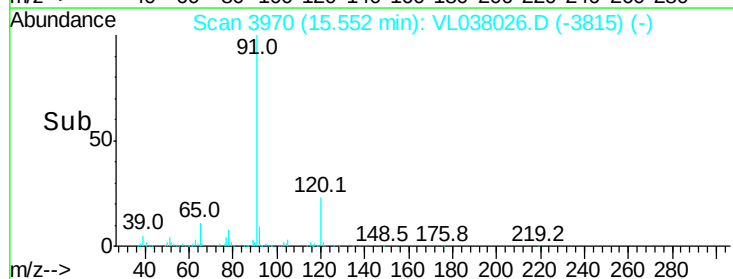
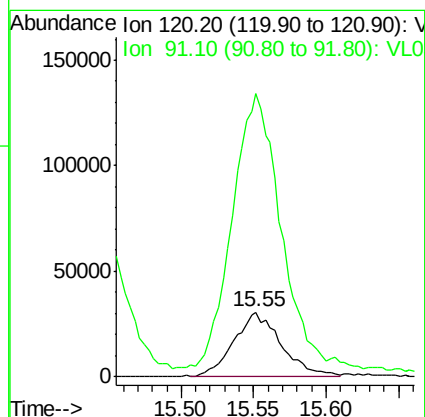
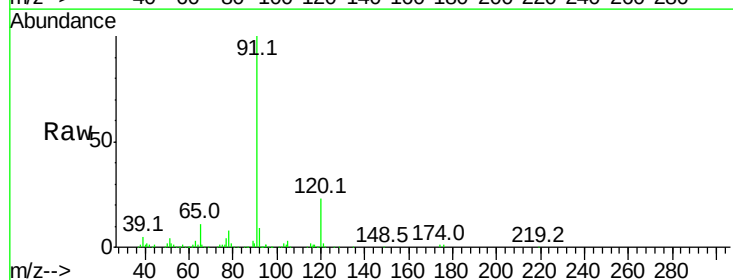
Manual Integrations
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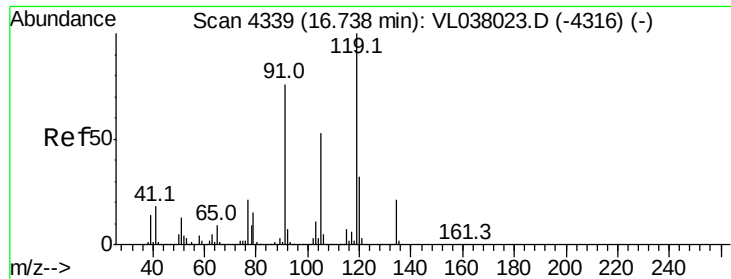
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#64
 n-propylbenzene
 Concen: 0.649 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T.: -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion:120 Resp: 68579
 Ion Ratio Lower Upper
 120 100
 91 492.3 367.4 551.0





#65

tert-Butylbenzene

Concen: 0.705 ppbv m

RT: 16.74

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

119 100

91 77.

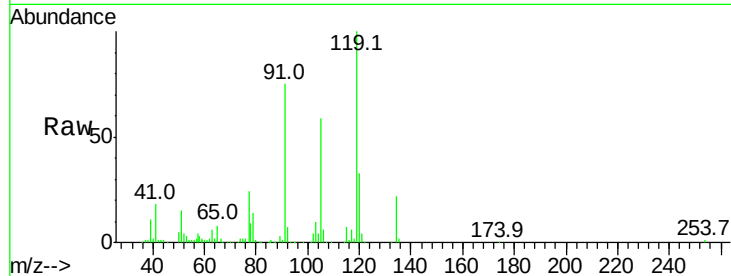
134 19.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

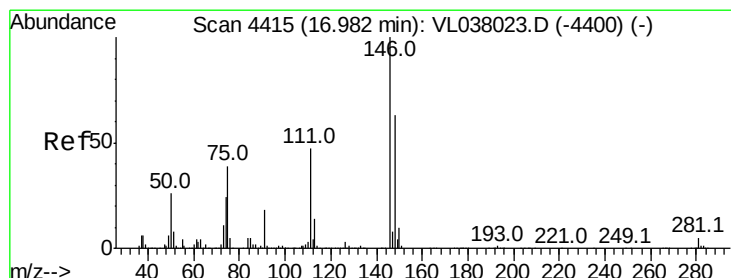
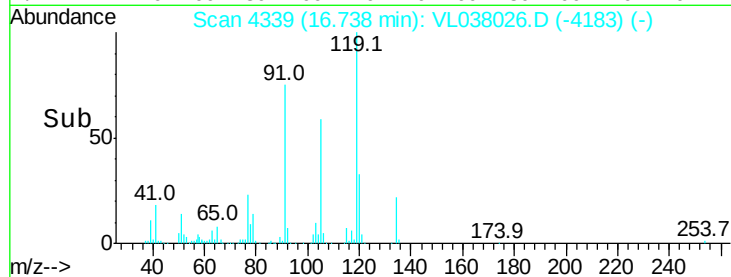
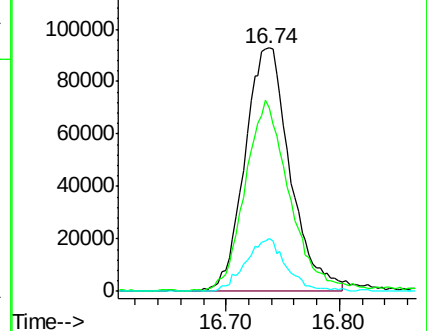
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 0.789 ppbv m

RT: 16.98 min Scan# 4414

Delta R.T. -0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

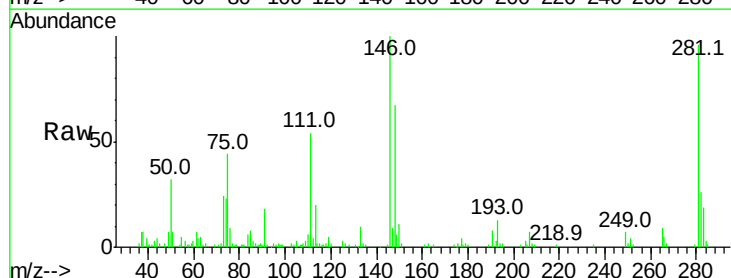
Tgt Ion: 91 Resp: 15665

Ion Ratio Lower Upper

91 100

126 0.0 16.4 24.6#

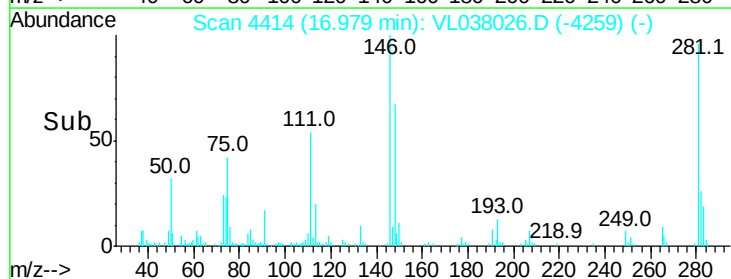
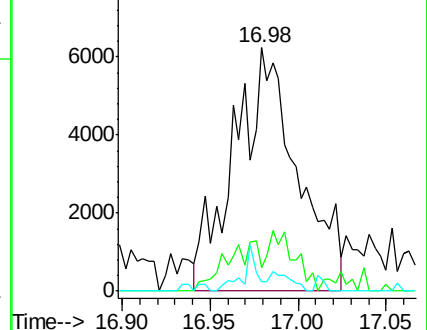
128 0.0 5.6 8.4#

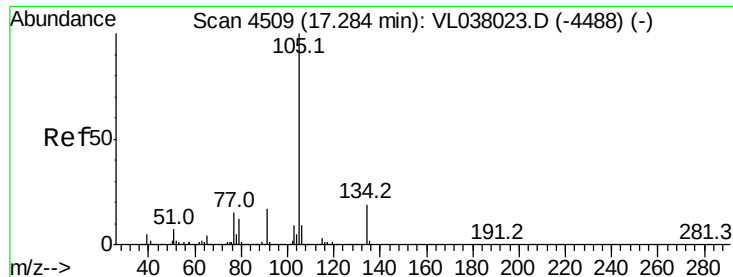


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 0.700 ppbv m

RT: 17.28

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

105 100

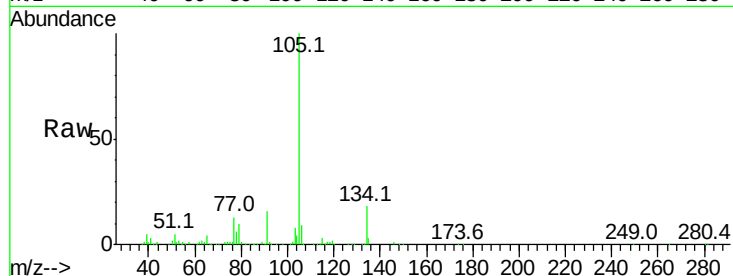
134 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.28

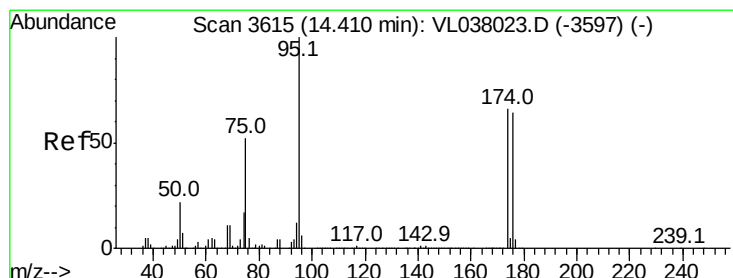
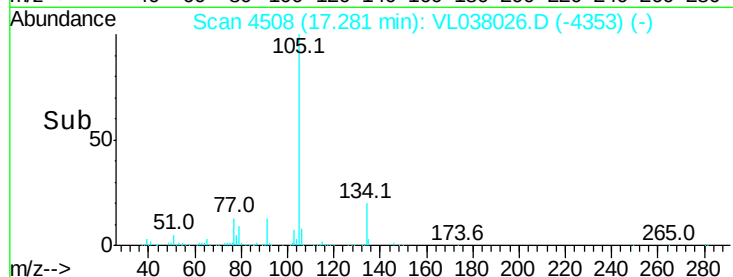
150000

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.285 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

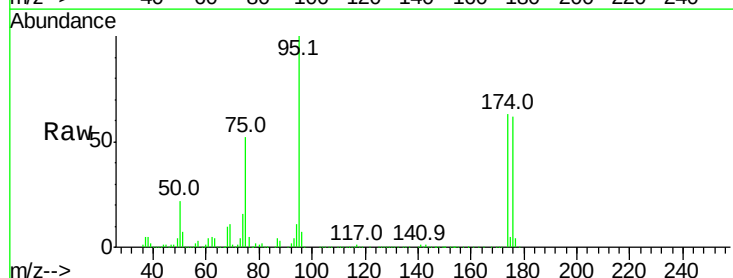
Tgt Ion: 95 Resp: 2117206

Ion Ratio Lower Upper

95 100

174 67.0 54.9 82.3

175 5.0 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

1000000

800000

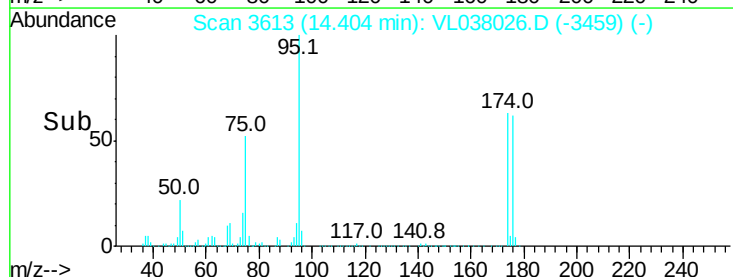
600000

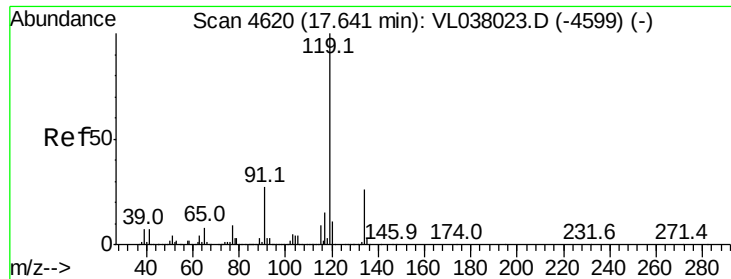
400000

200000

0

Time-->



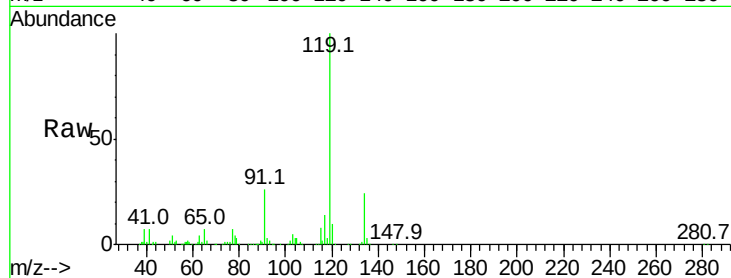


#69
 p-Isopropyltoluene
 Concen: 0.689 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_1
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 16 Nov 2021 3:43

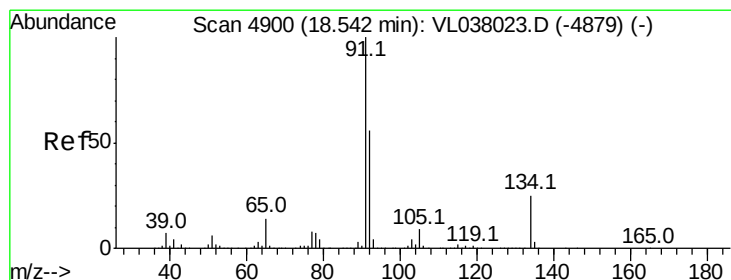
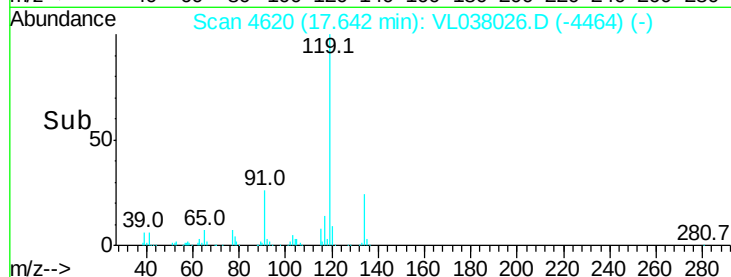
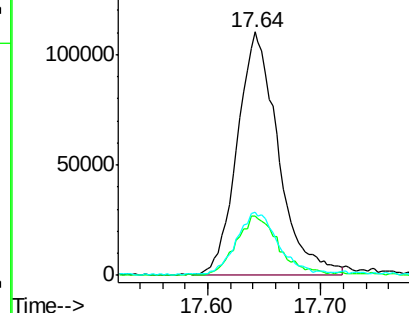
Tot Ion:1
 Ion Rati
 119 100
 134 26.
 91 26.

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Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

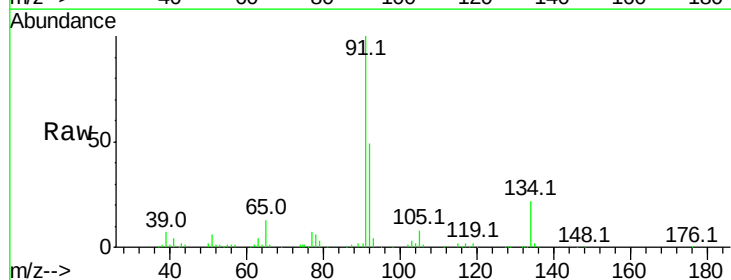


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

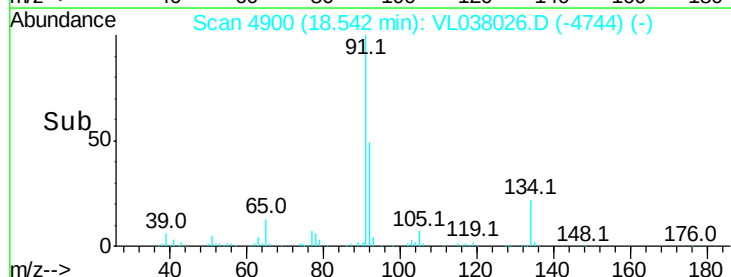
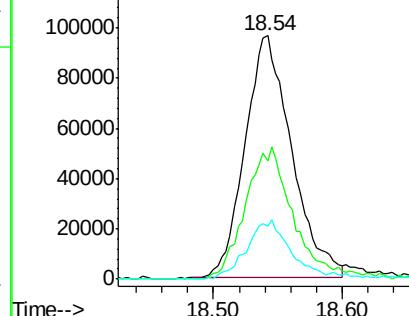


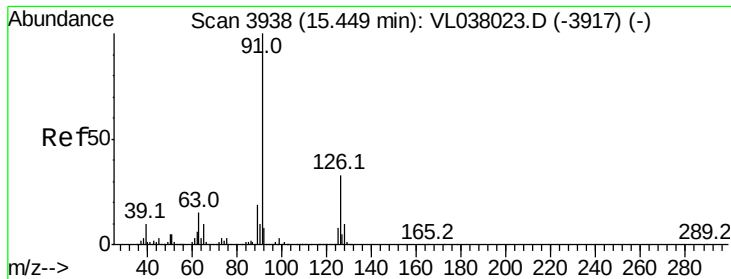
#70
 n-Butylbenzene
 Concen: 0.658 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. 0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion: 91 Resp: 242971
 Ion Ratio Lower Upper
 91 100
 92 57.8 44.2 66.2
 134 24.5 19.7 29.5



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): V





#71

2-Chlorotoluene

Concen: 0.681 ppbv

RT: 15.44

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:43

Tot Ion:

Ion Ratio

91 100

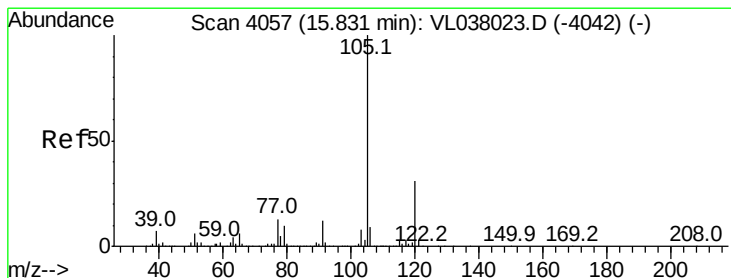
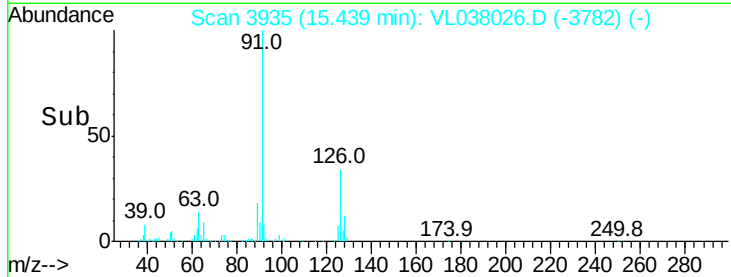
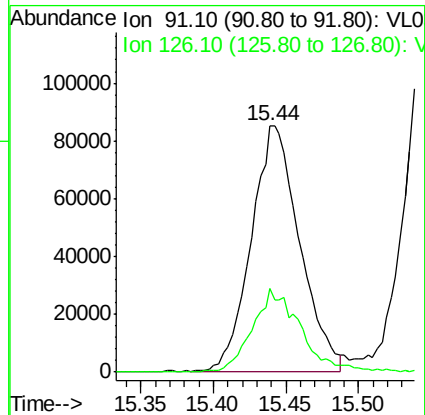
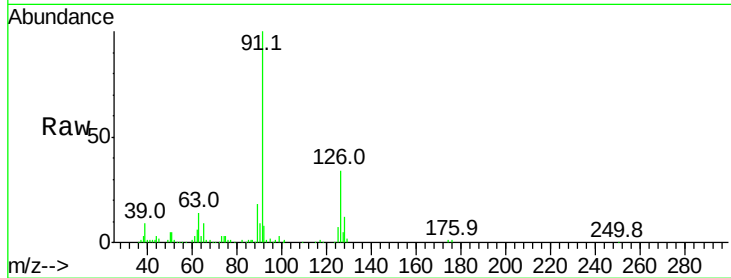
126 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

4-Ethyltoluene

Concen: 0.654 ppbv

RT: 15.83 min Scan# 4058

Delta R.T. 0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion:105 Resp: 220098

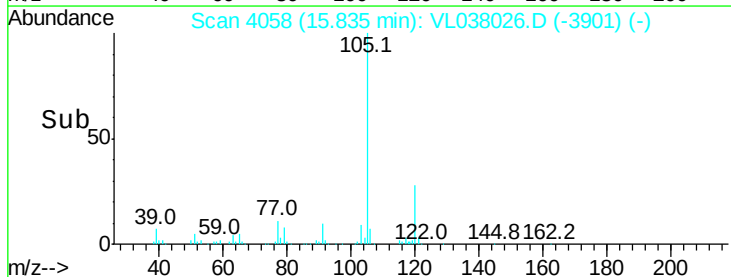
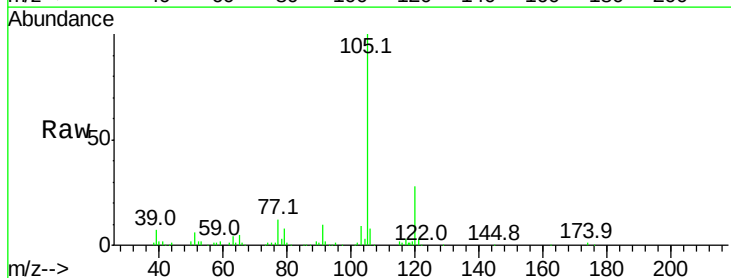
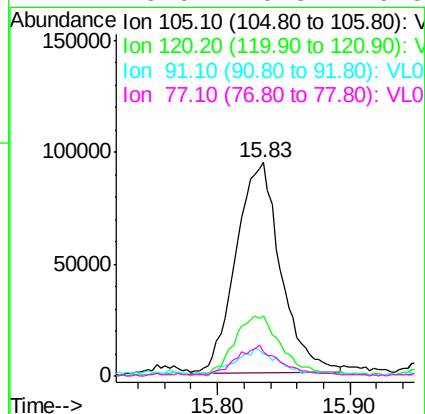
Ion Ratio Lower Upper

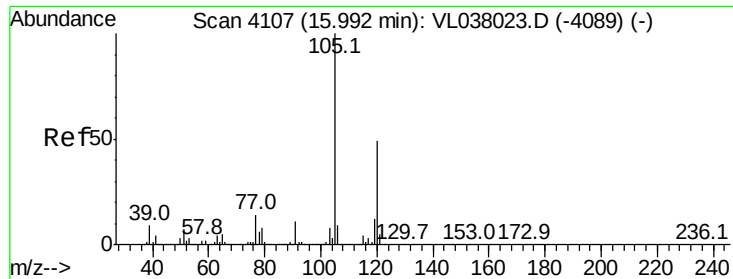
105 100

120 31.6 24.6 36.8

91 12.5 9.3 13.9

77 15.5 10.3 15.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.699 ppbv m

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

105 100

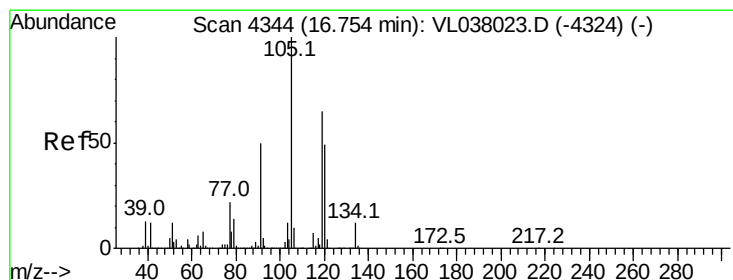
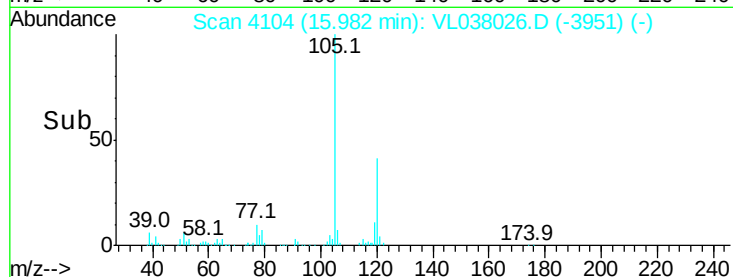
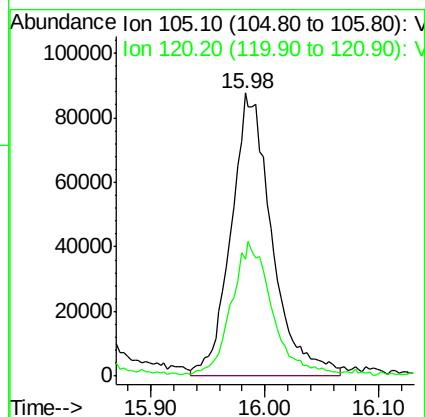
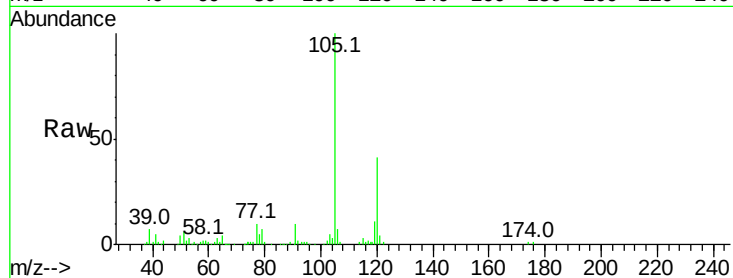
120 41.

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Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 0.652 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

Tgt Ion:105 Resp: 212352

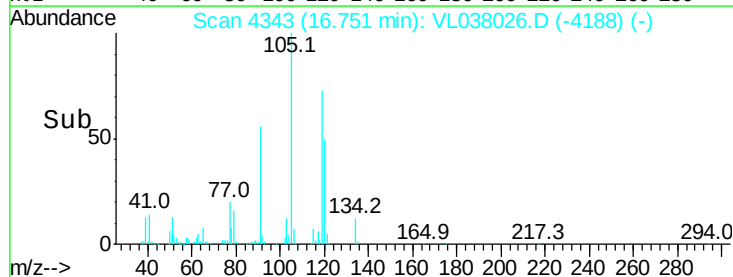
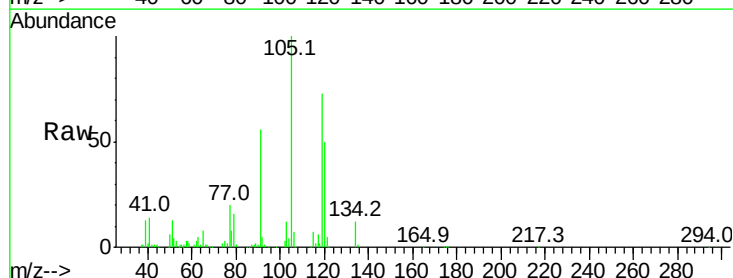
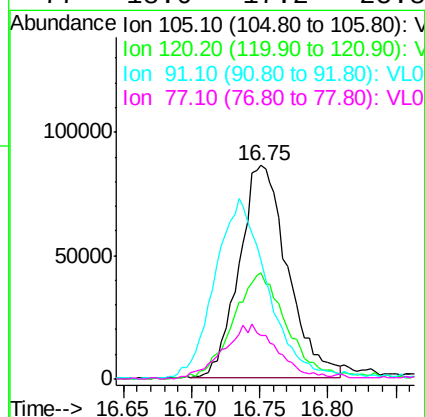
Ion Ratio Lower Upper

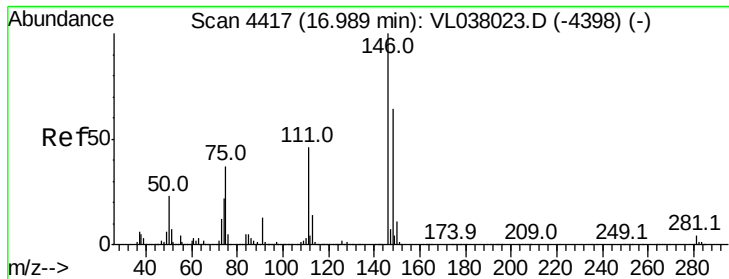
105 100

120 47.9 39.5 59.3

91 53.3 40.9 61.3

77 18.0 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 0.552 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

146 100

111 49.

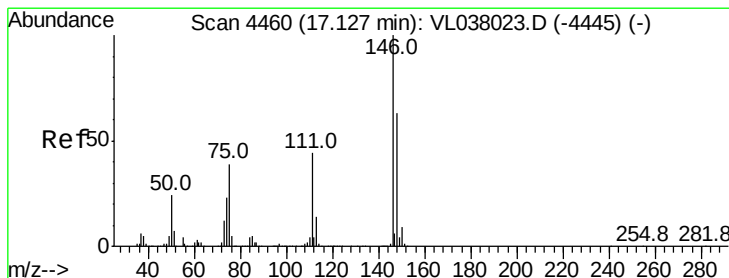
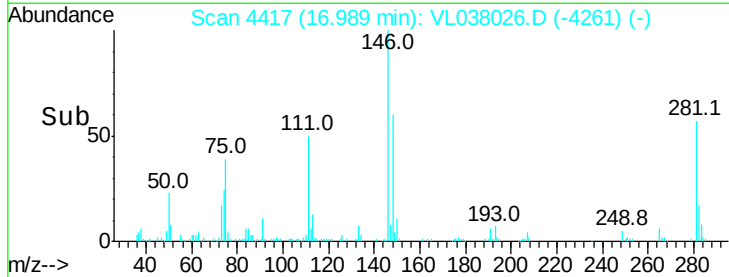
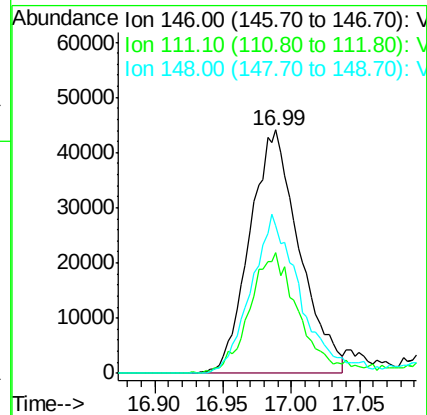
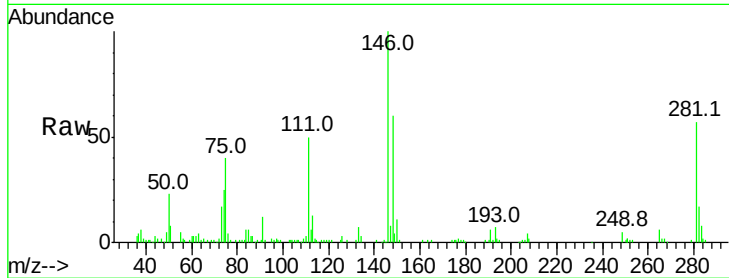
148 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 0.598 ppbv m

RT: 17.12 min Scan# 4459

Delta R.T. -0.00 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

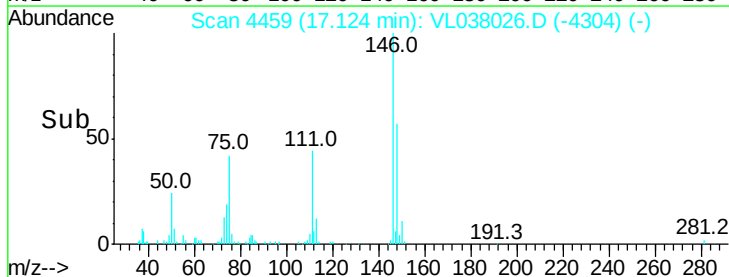
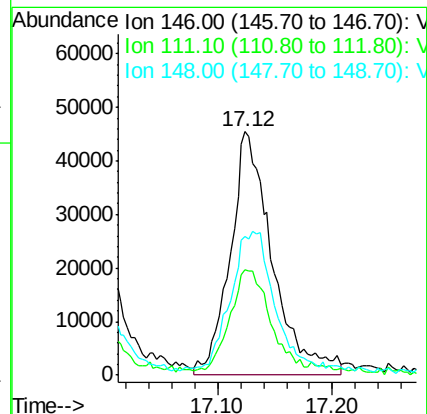
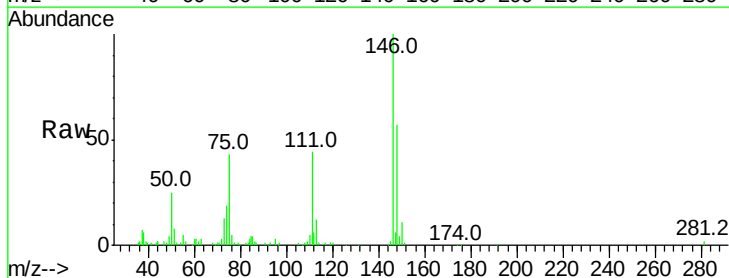
Tgt Ion:146 Resp: 117226

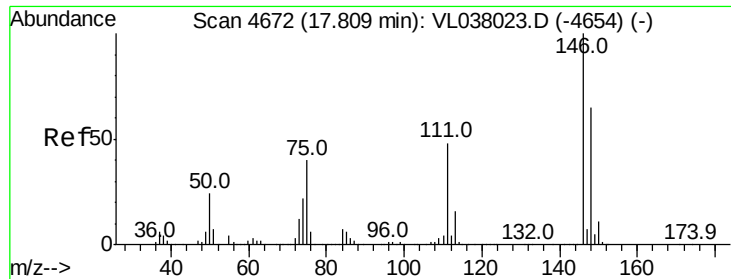
Ion Ratio Lower Upper

146 100

111 45.6 22.5 67.5

148 65.1 32.6 98.0



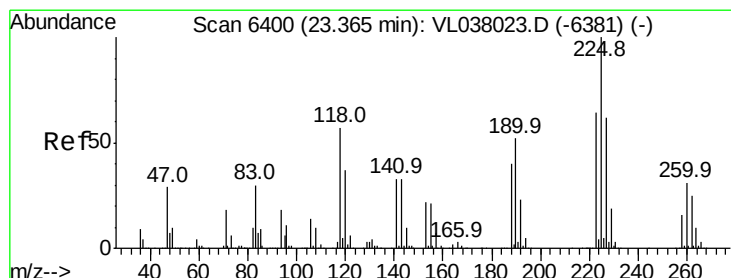
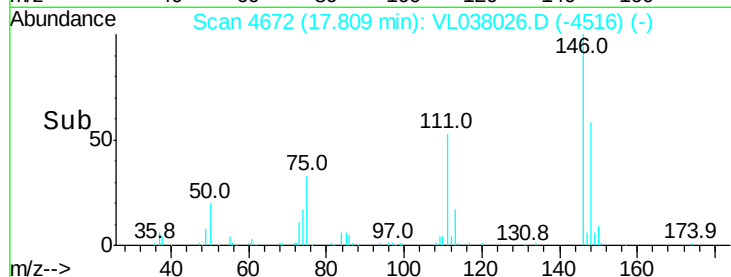
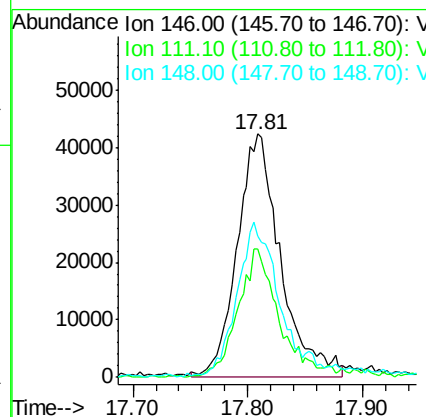
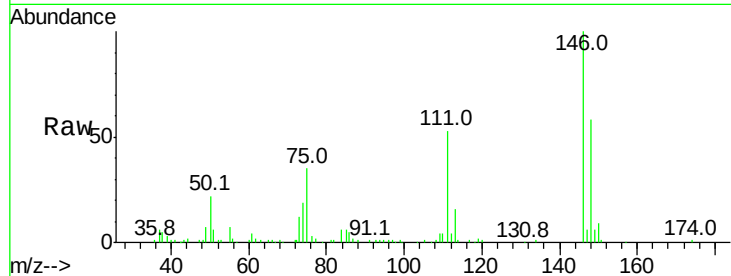


#77
 1,2-Dichlorobenzene
 Concen: 0.587 ppbv m
 RT: 17.81
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC0.5
 Acq: 16 Nov 2021 3:43

Tot Ion:1
 Ion Rati
 146 100
 111 53.
 148 67.

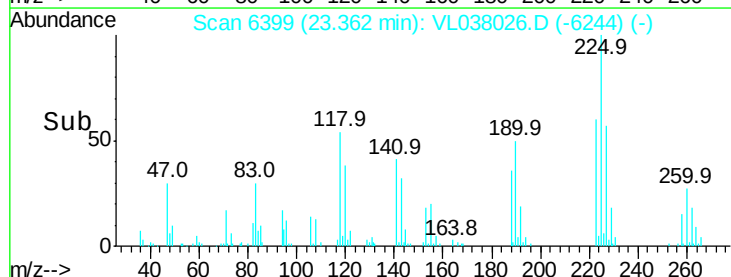
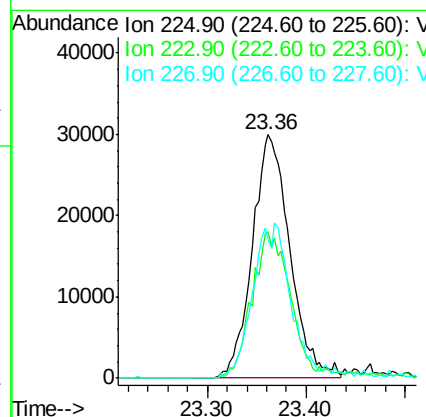
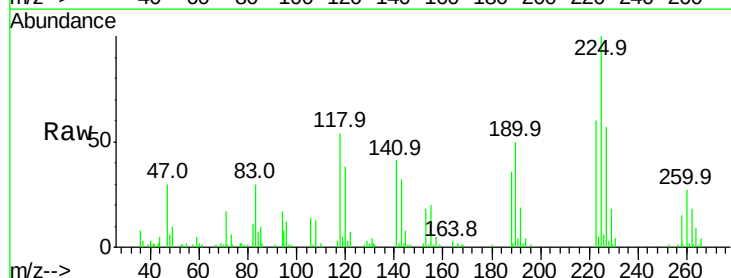
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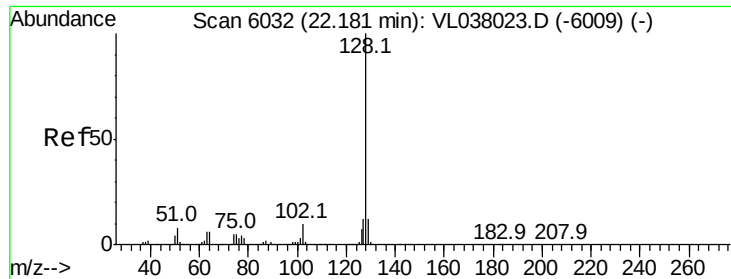
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.502 ppbv m
 RT: 23.36 min Scan# 6399
 Delta R.T. -0.00 min
 Lab File: VL038026.D
 Acq: 16 Nov 2021 3:43

Tgt Ion:225 Resp: 78616
 Ion Ratio Lower Upper
 225 100
 223 62.1 51.0 76.4
 227 65.2 51.4 77.2





#79

Naphthalene

Concen: 0.548 ppbv m

RT: 22.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:43

Tot Ion:1

Ion Rati

128 100

127 12.

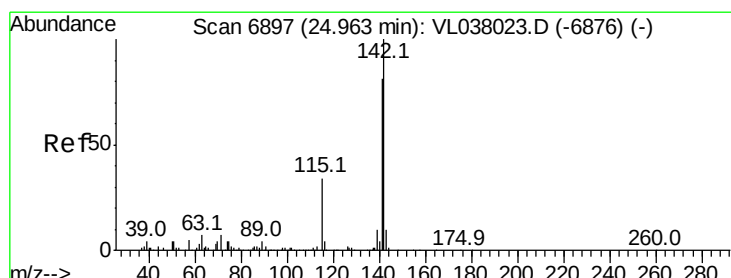
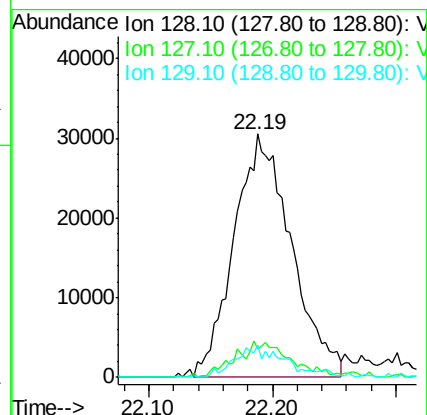
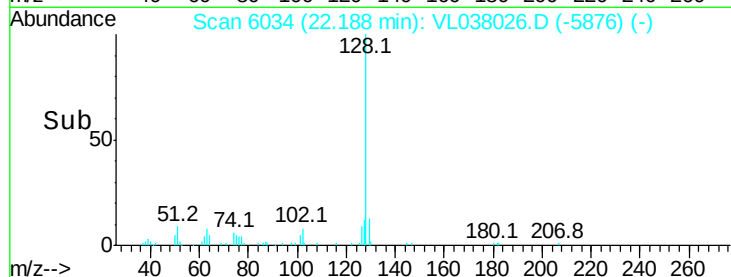
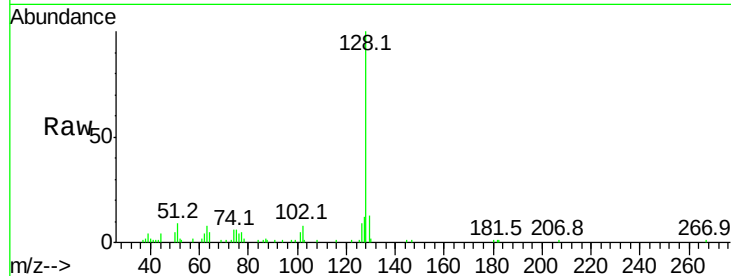
129 13.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#80

Naphthalene, 2-methyl-

Concen: 0.507 ppbv

RT: 24.98 min Scan# 6902

Delta R.T. 0.02 min

Lab File: VL038026.D

Acq: 16 Nov 2021 3:43

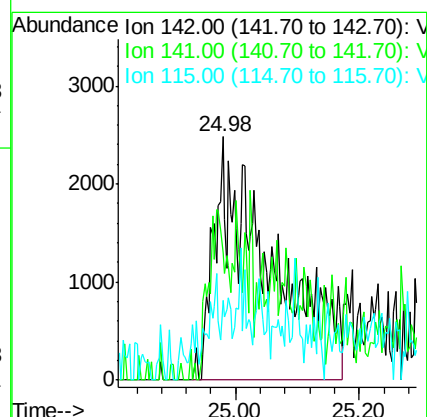
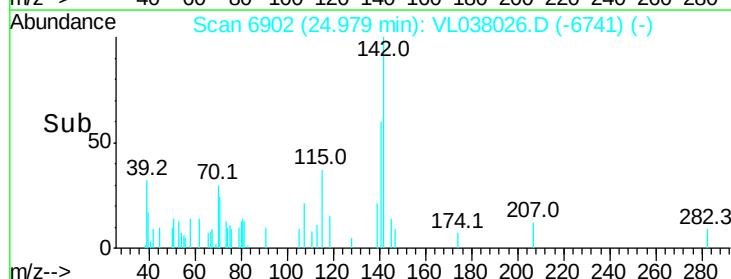
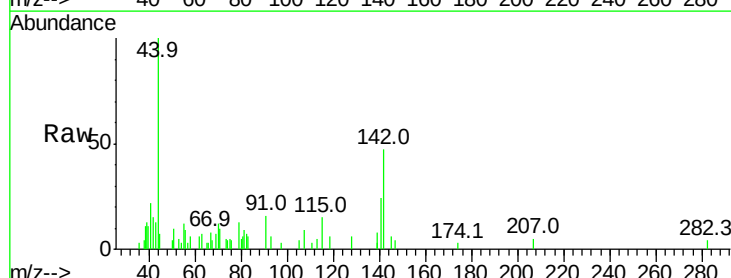
Tgt Ion:142 Resp: 15681

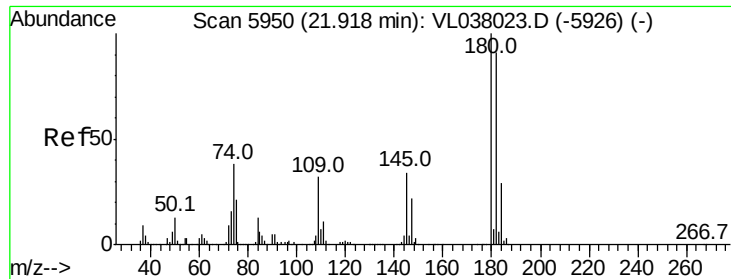
Ion Ratio Lower Upper

142 100

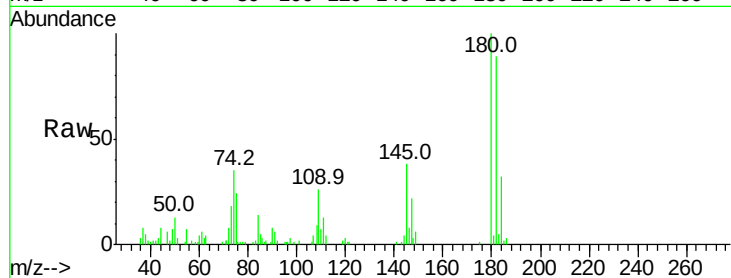
141 30.8 73.4 110.0#

115 18.0 28.1 42.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.524 ppbv m
 RT: 21.91
 Delta R.T
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3.43



Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 0.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

