

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038032.D
 Acq On : 16 Nov 2021 8:47
 Operator : SY/AP
 Sample : VL1116ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1116ABS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 17 06:58:38 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 16 09:59:16 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	755075	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2820000	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2545291m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1984484	10.79	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1363620	8.877 ppbv	99
3) Chlorodifluoromethane	2.99	51	1645344	8.382 ppbv	100
4) Chloromethane	3.14	50	585686	8.385 ppbv	100
5) Vinyl Chloride	3.26	62	605796	9.036 ppbv	95
6) Bromomethane	3.47	94	325274	9.077 ppbv	98
7) Chloroethane	3.56	64	207443	8.797 ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1375588	8.646 ppbv	99
9) Propene	3.01	41	608665	8.221 ppbv	99
10) Heptane	8.11	43	1530646	8.400 ppbv	100
11) Trichlorofluoromethane	3.95	101	1349846	8.894 ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1016709	8.643 ppbv	98
13) Ethanol	3.62	45	57987	8.835 ppbv #	100
14) Bromoethene	3.74	108	428804	8.718 ppbv	97
15) Acetone	3.85	43	704735	7.939 ppbv	98
16) 1,3-Butadiene	3.33	39	558881	8.501 ppbv	98
17) tert-Butyl alcohol	4.29	59	996089	8.354 ppbv	100
18) 1,1-Dichloroethene	4.29	96	470628	8.669 ppbv	99
19) Isopropyl Alcohol	3.96	45	505730	7.779 ppbv	98
20) Methylene Chloride	4.34	84	385974	7.412 ppbv	95
21) Allyl Chloride	4.41	41	763535	8.594 ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	502260	9.169 ppbv	99
23) Vinyl Acetate	5.07	43	1247724	8.486 ppbv	99
24) 1,1-Dichloroethane	5.01	63	999723	8.717 ppbv	99
25) Ethyl Acetate	5.67	43	1920885	9.198 ppbv	99
26) Hexane	5.68	57	931428	8.878 ppbv	99
27) Carbon Disulfide	4.55	76	1253919	9.113 ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1166334	8.669 ppbv	98
29) Chloroform	5.74	83	1486077	9.404 ppbv	99
30) Cyclohexane	7.12	84	976824	8.268 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	787466	9.066 ppbv	97
32) 1,1,1-Trichloroethane	6.50	97	1633864	8.148 ppbv	99
34) 2-Butanone	5.24	43	784911	8.439 ppbv	99
35) Carbon Tetrachloride	7.01	117	1679501	8.616 ppbv	99
36) Benzene	6.88	78	2360661	8.800 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1164507	9.353 ppbv	100
38) Trichloroethene	7.83	130	866445	7.951 ppbv	98
39) 1,2-Dichloropropane	7.60	63	924547	8.916 ppbv	99
40) 1,4-Dioxane	7.83	88	213283	7.976 ppbv #	100
41) Tetrahydrofuran	6.04	42	613347	9.190 ppbv	99
42) Bromodichloromethane	7.78	83	1790695	9.136 ppbv	100
43) Methyl Methacrylate	8.01	69	869739	9.090 ppbv	98

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Instrument :
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 ClientSampleId :
 VL1116ABS01

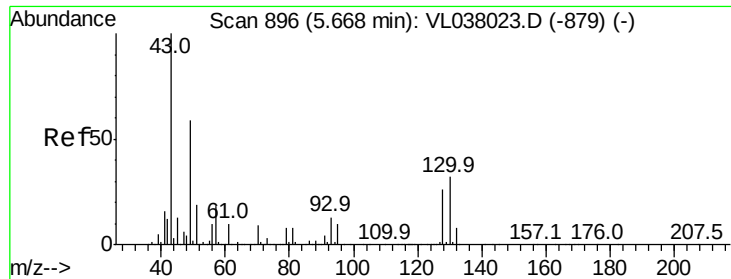
Manual Integrations
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3876939	8.413	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	826578	10.431	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	1036176	10.005	ppbv	99
47) 1,1,2-Trichloroethane	9.46	97	956428	9.081	ppbv	96
48) Dibromochloromethane	10.29	129	1599004	9.338	ppbv	99
49) Bromoform	13.03	173	1247456	9.441	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1536088	9.158	ppbv	99
51) 2-Hexanone	10.12	43	748104	9.552	ppbv #	97
52) Tetrachloroethene	11.21	164	821011	8.108	ppbv	99
53) Toluene	9.80	91	2769566	8.829	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1399388	9.483	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1032077	9.287	ppbv #	60
57) Chlorobenzene	12.13	112	1936140	9.277	ppbv	99
58) Ethyl Benzene	12.70	91	3628598	9.386	ppbv	99
59) m/p-Xylene	12.98	91	5841737m	18.185	ppbv	
60) o-Xylene	13.68	91	2682859	8.998	ppbv	100
61) Styrene	13.51	104	1636119	9.840	ppbv	98
62) Isopropylbenzene	14.65	105	3886528	9.015	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1901569	8.530	ppbv	99
64) n-propylbenzene	15.55	120	1052084	9.573	ppbv	95
65) tert-Butylbenzene	16.73	119	3352298	8.861	ppbv	99
66) Benzyl Chloride	16.97	91	311015	11.772	ppbv	98
67) sec-Butylbenzene	17.28	105	4715767	9.024	ppbv	99
69) p-Isopropyltoluene	17.64	119	3893613	9.242	ppbv	99
70) n-Butylbenzene	18.54	91	3776702	9.779	ppbv	100
71) 2-Chlorotoluene	15.44	91	2917021	9.453	ppbv	98
72) 4-Ethyltoluene	15.82	105	3377697	9.500	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	3004939	9.240	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	3037123	9.276	ppbv	98
75) 1,3-Dichlorobenzene	16.98	146	1808008	10.006	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1774789	9.587	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	1723749	9.947	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	933118	8.302	ppbv	99
79) Naphthalene	22.18	128	1850256	10.301	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	430858	12.704	ppbv	95
81) 1,2,4-Trichlorobenzene	21.90	180	1003126	9.876	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

49 100

128 50.

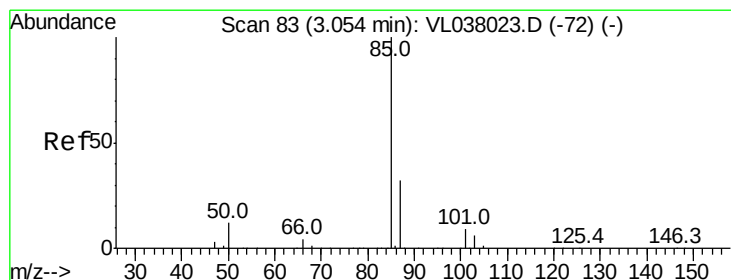
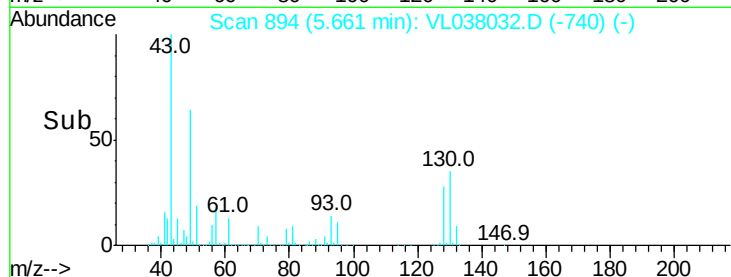
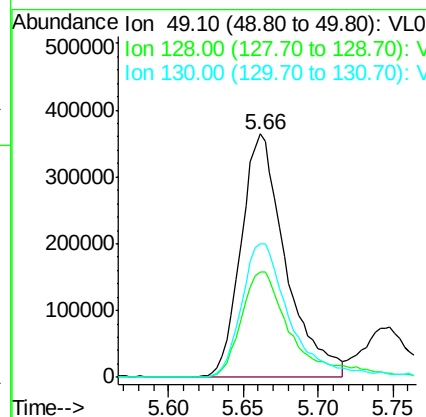
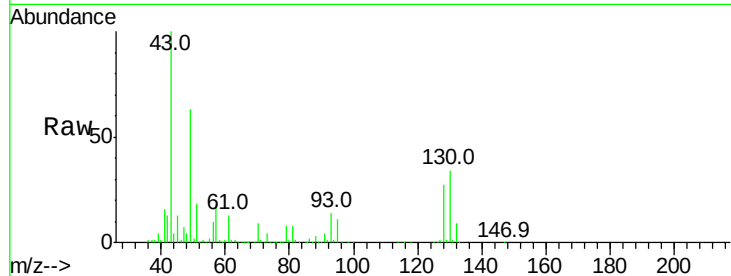
130 61.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 8.877 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038032.D

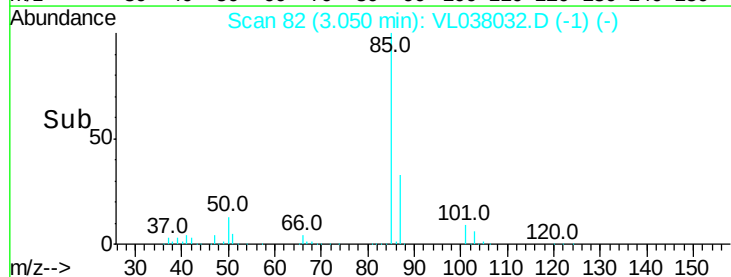
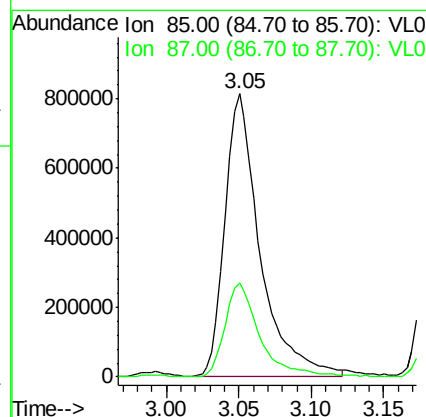
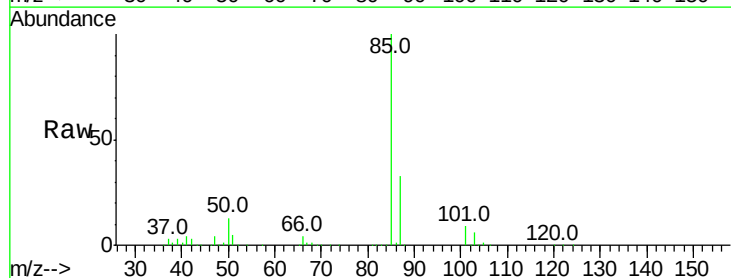
Acq: 16 Nov 2021 8:47

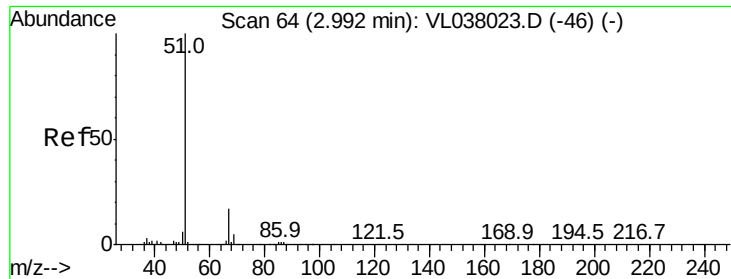
Tgt Ion: 85 Resp: 1363620

Ion Ratio Lower Upper

85 100

87 33.1 25.9 38.9





#3

Chlorodifluoromethane

Concen: 8.382 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47 VL1116ABS01

Tot Ion:

Ion Ratio

51 100

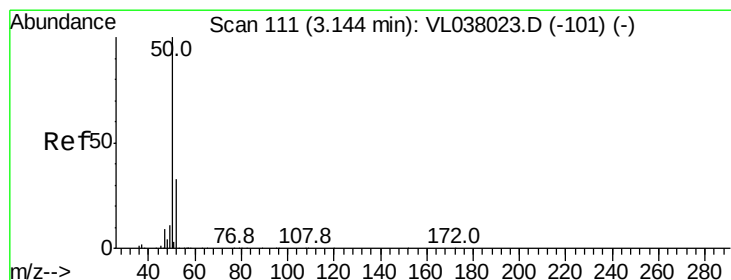
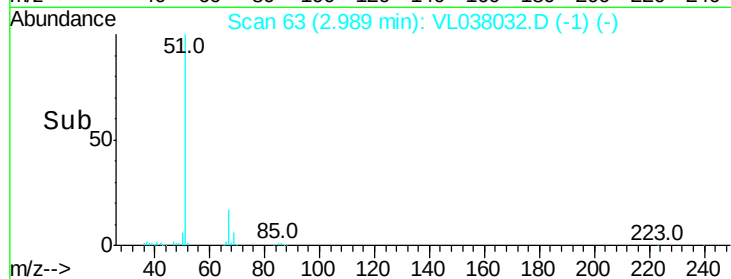
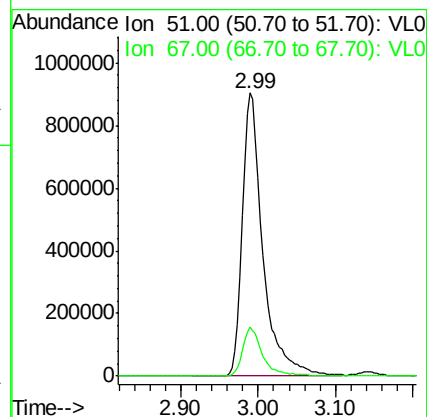
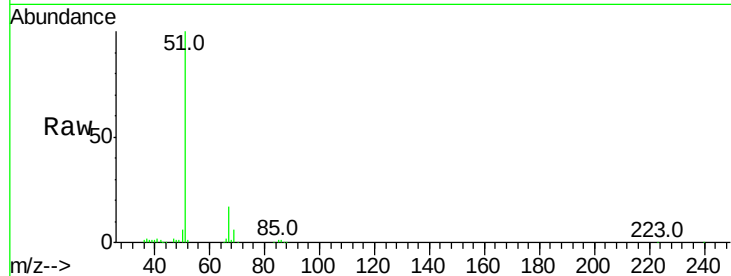
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 8.385 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038032.D

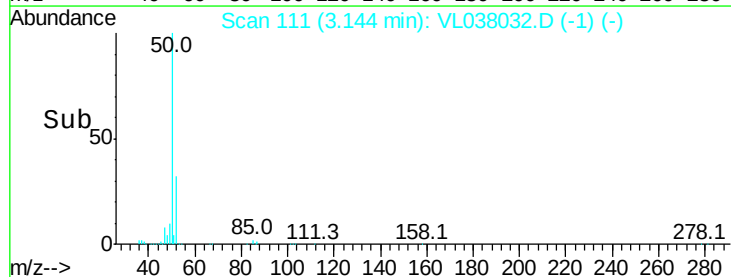
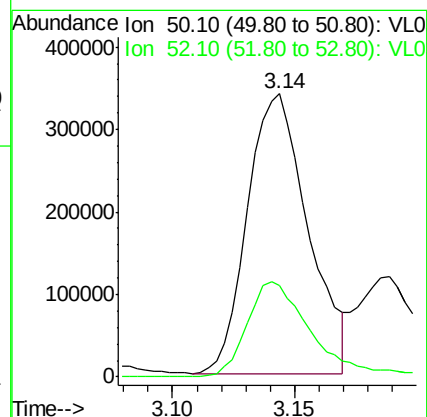
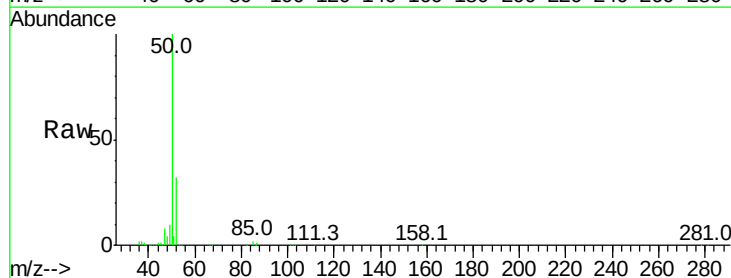
Acq: 16 Nov 2021 8:47

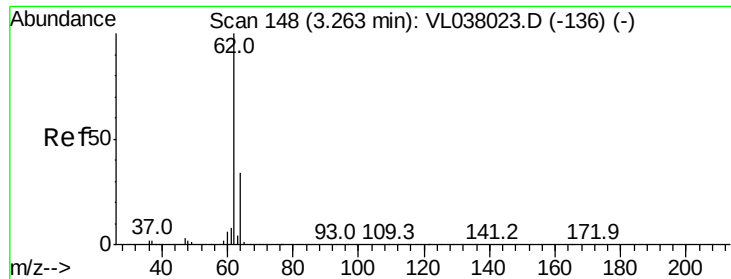
Tgt Ion: 50 Resp: 585686

Ion Ratio Lower Upper

50 100

52 32.8 26.4 39.6





#5

Vinyl Chloride

Concen: 9.036 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

62 100

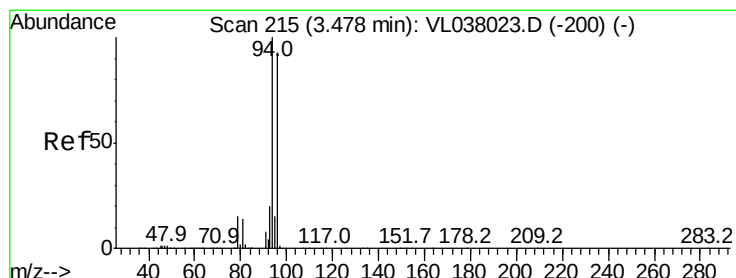
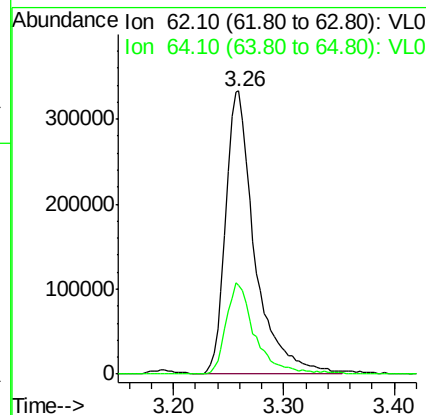
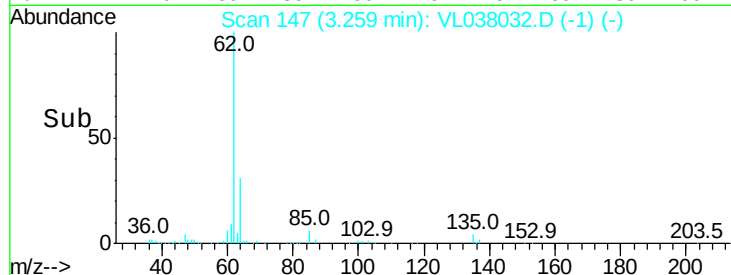
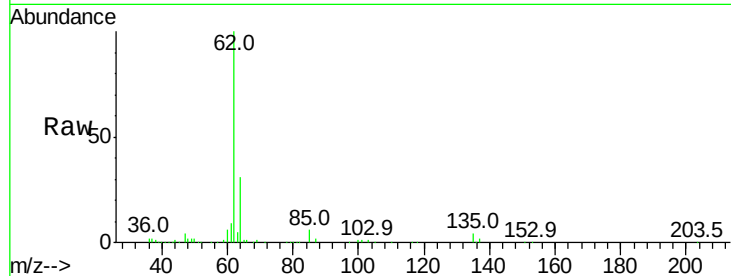
64 31.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 9.077 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038032.D

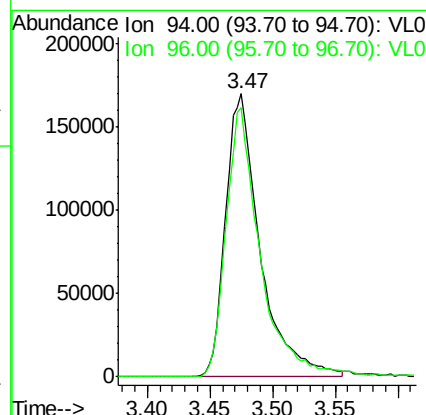
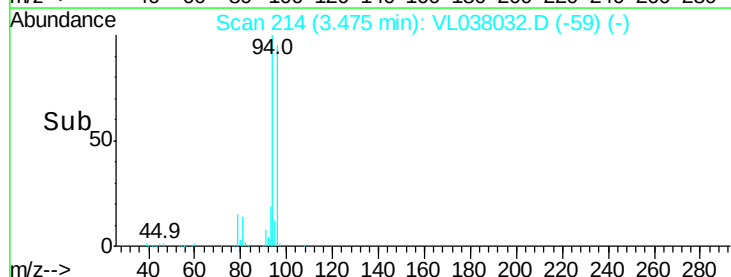
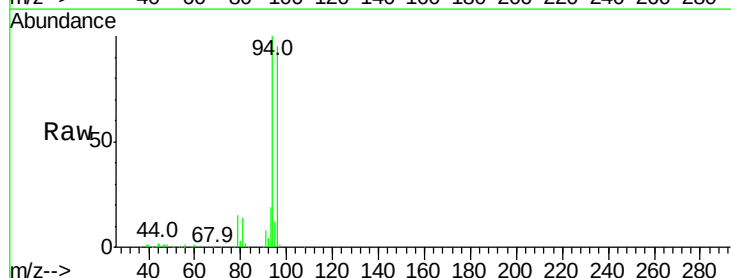
Acq: 16 Nov 2021 8:47

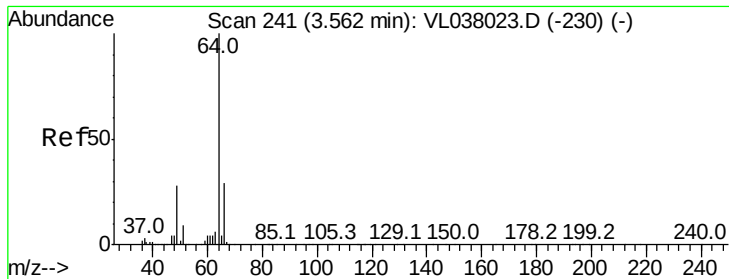
Tgt Ion: 94 Resp: 325274

Ion Ratio Lower Upper

94 100

96 95.4 74.8 112.2





#7

Chloroethane

Concen: 8.797 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

64 100

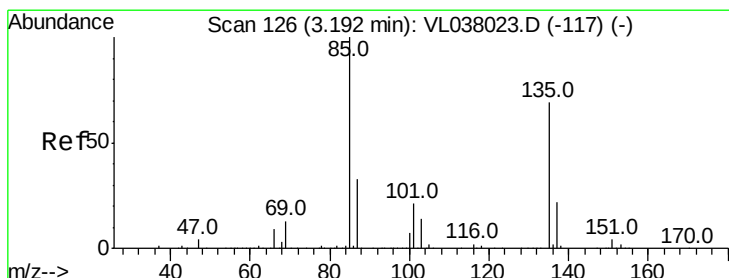
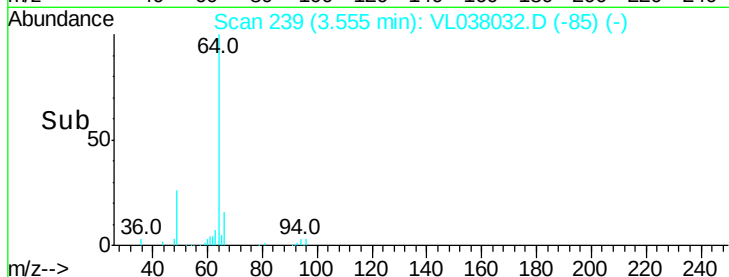
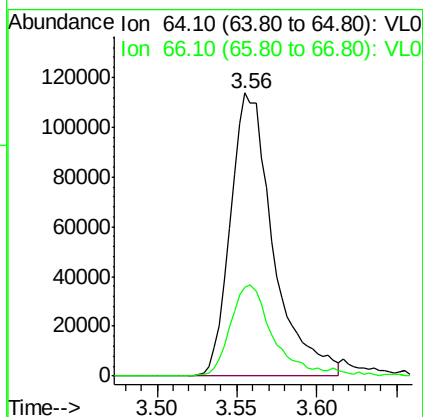
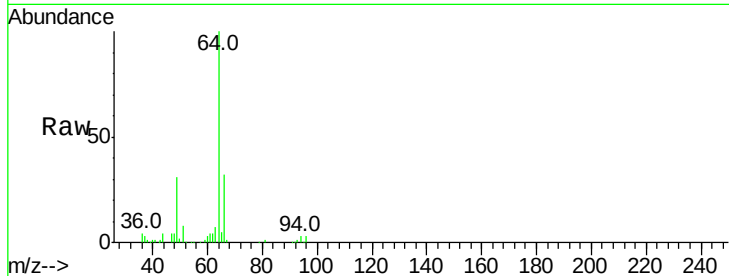
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 8.646 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038032.D

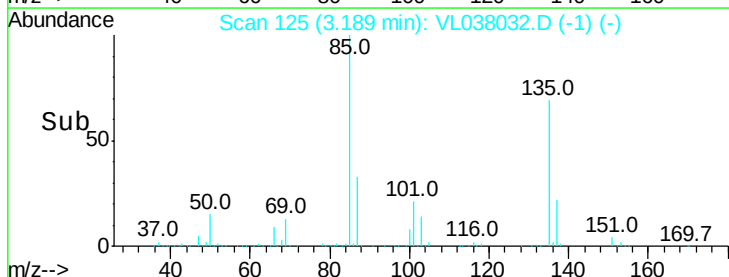
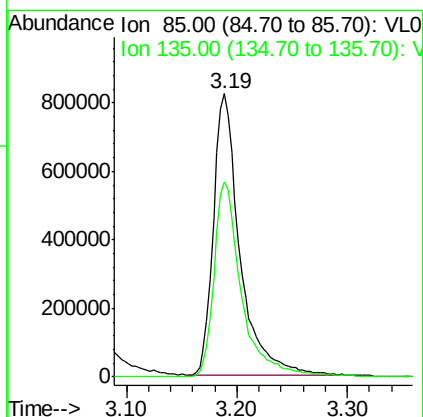
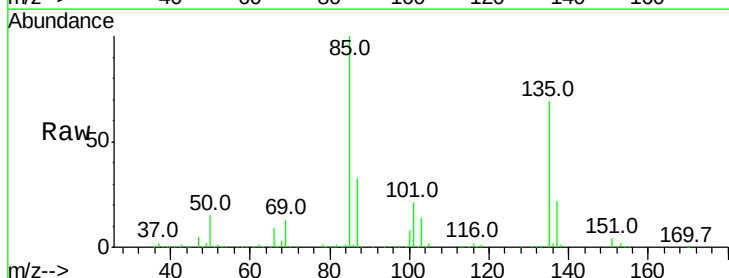
Acq: 16 Nov 2021 8:47

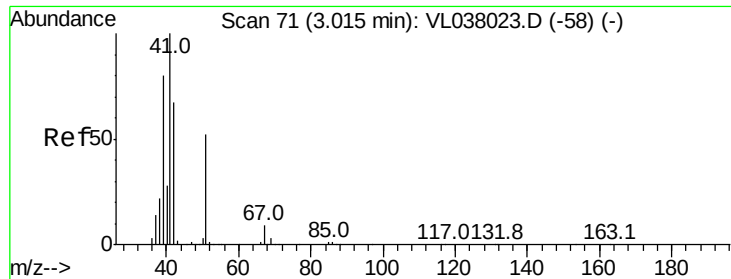
Tgt Ion: 85 Resp: 1375588

Ion Ratio Lower Upper

85 100

135 71.9 57.0 85.6





#9

Propene

Concen: 8.221 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

41 100

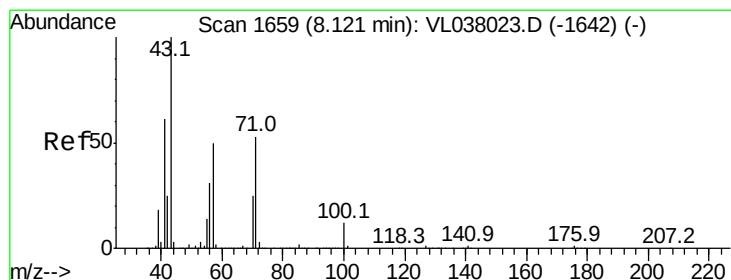
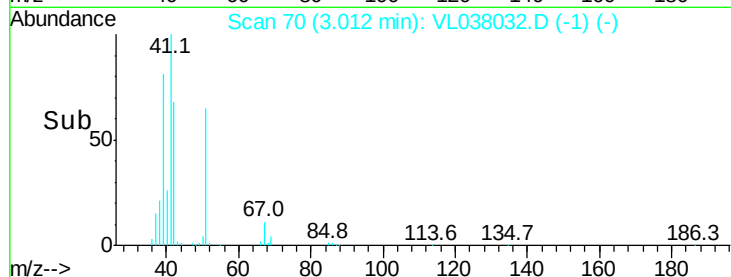
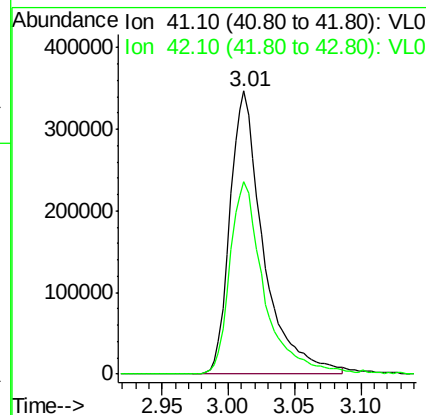
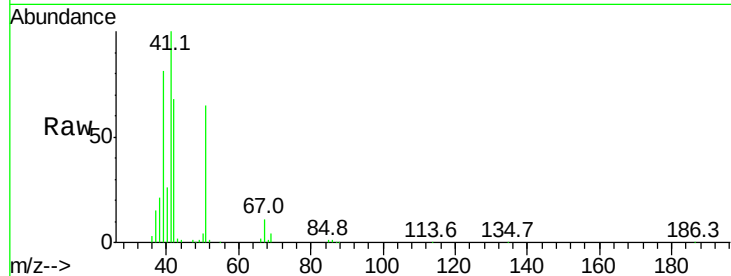
42 70.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2021



#10

Heptane

Concen: 8.400 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VL038032.D

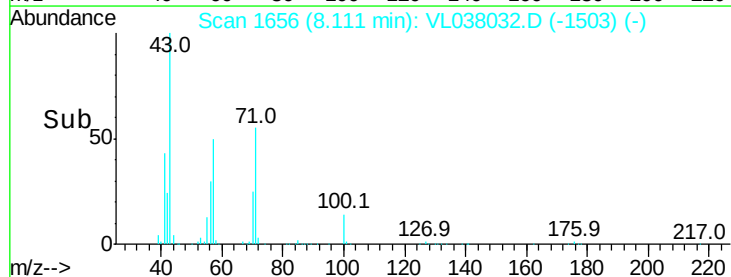
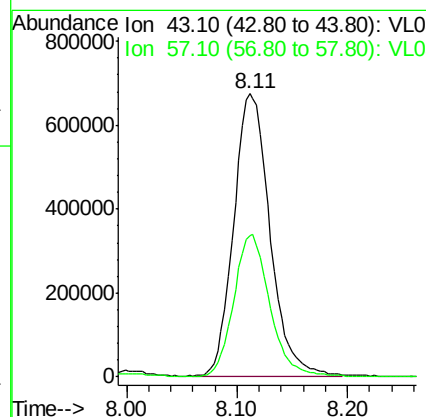
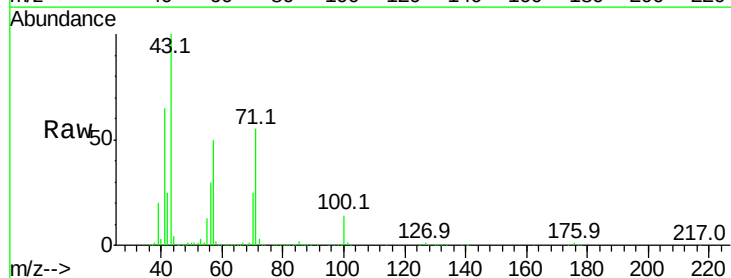
Acq: 16 Nov 2021 8:47

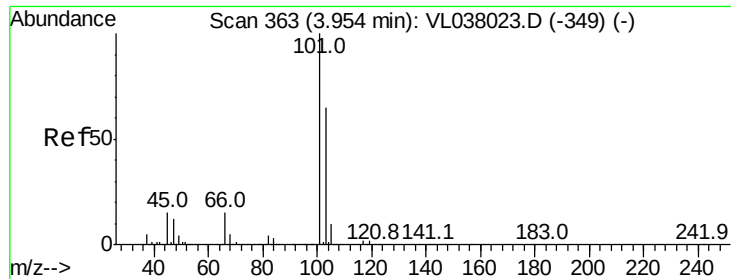
Tgt Ion: 43 Resp: 1530646

Ion Ratio Lower Upper

43 100

57 50.3 40.2 60.2



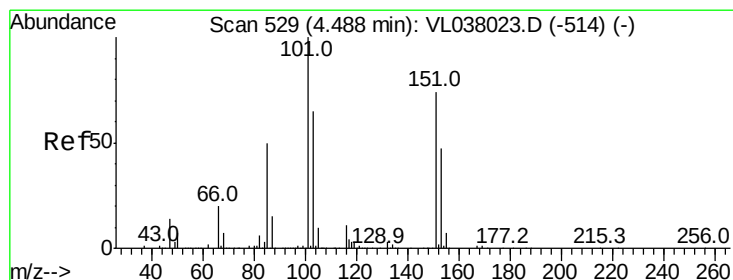
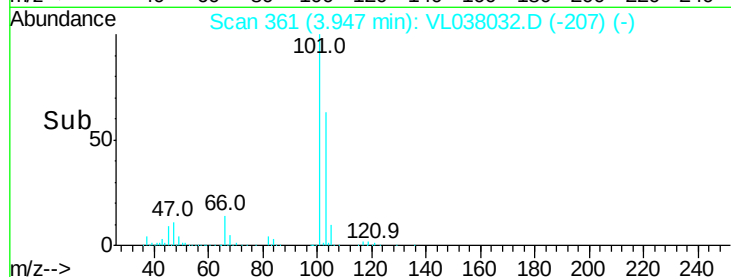
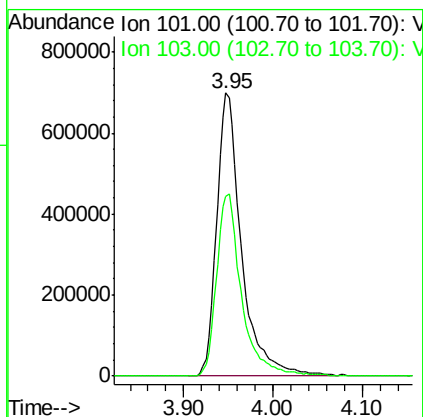
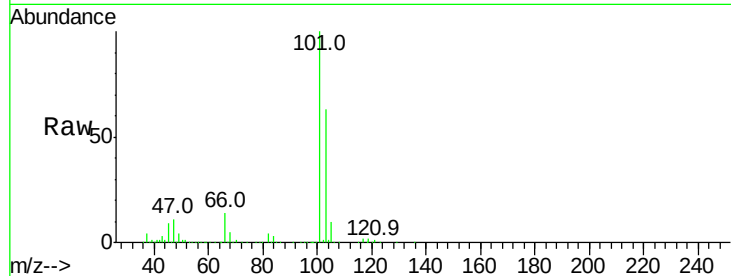


#11
 Trichlorofluoromethane
 Concen: 8.894 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion:1
 Ion Rati
 101 100
 103 63.

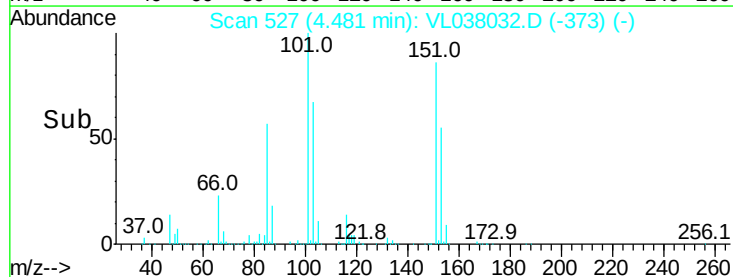
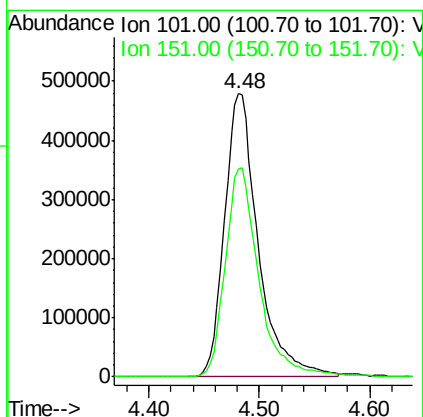
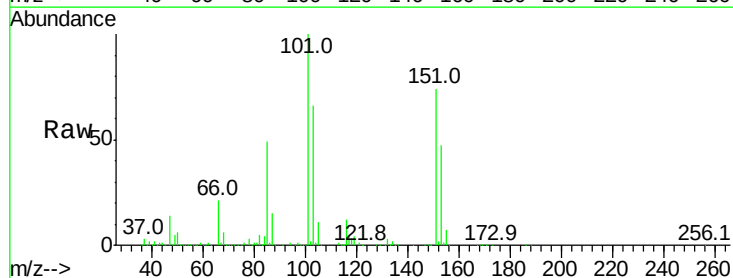
Manual Integrations
 APPROVED

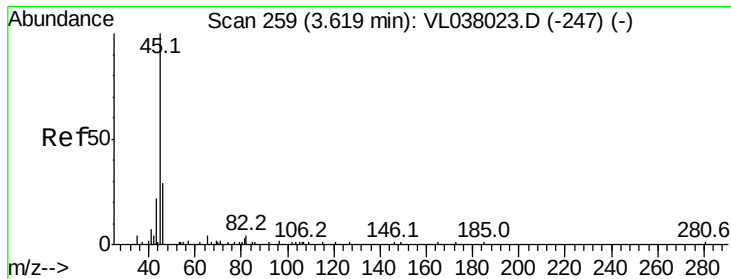
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.643 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion:101 Resp: 1016709
 Ion Ratio Lower Upper
 101 100
 151 74.1 57.8 86.8



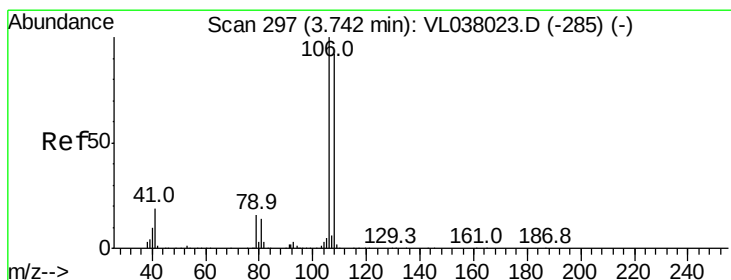
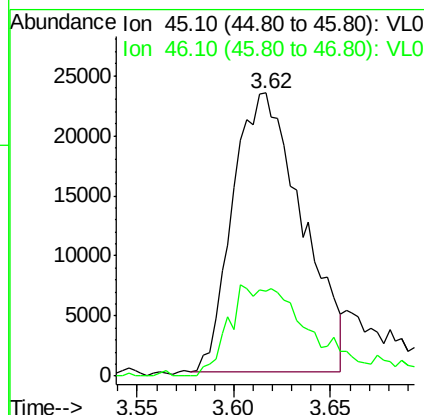
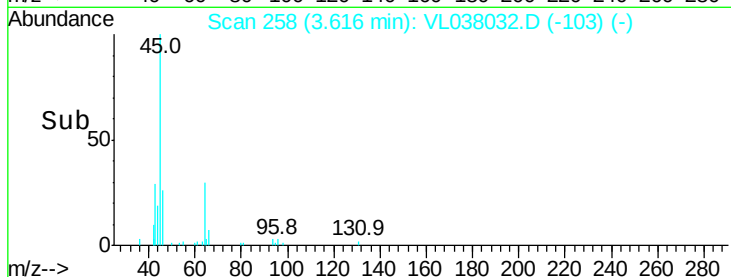
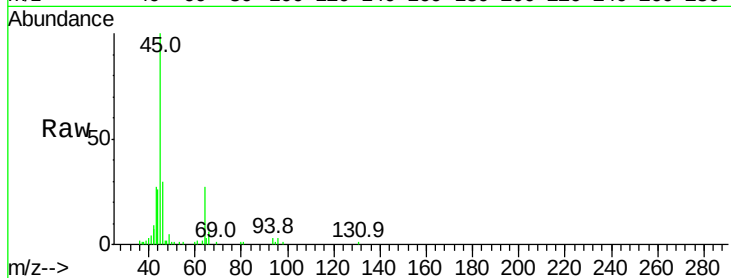


#13
Ethanol
Concen: 8.835 ppbv
RT: 3.62
Delta R.T.: MSVOA_1
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
45 100
46 42.

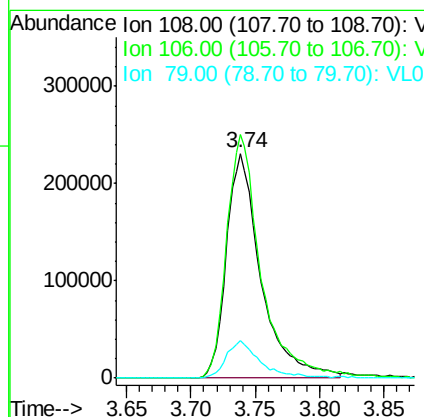
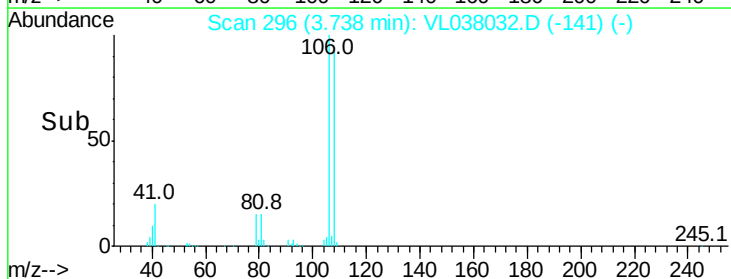
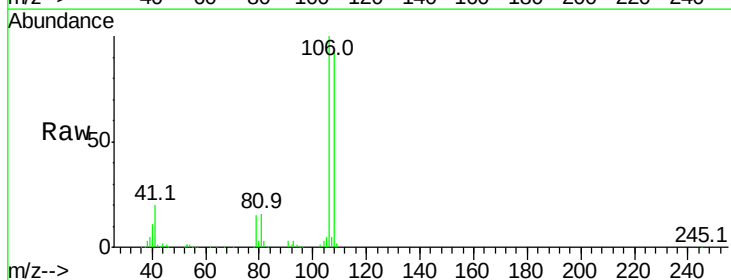
Manual Integrations
APPROVED

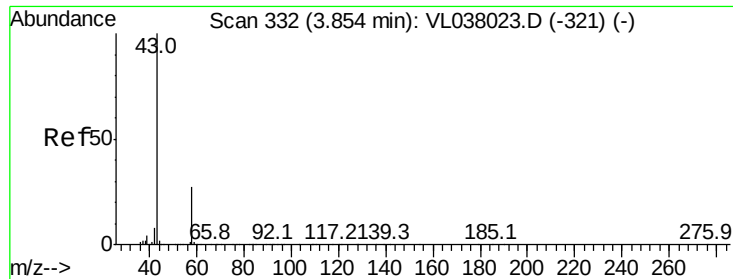
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 8.718 ppbv
RT: 3.74 min Scan# 296
Delta R.T.: -0.00 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion:108 Resp: 428804
Ion Ratio Lower Upper
108 100
106 109.3 90.4 135.6
79 16.9 14.5 21.7



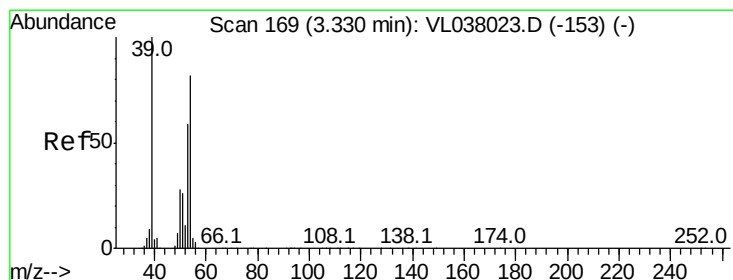
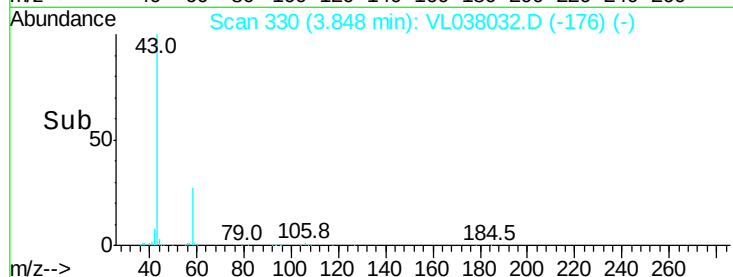
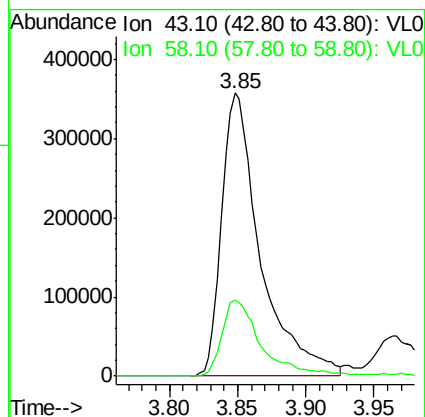
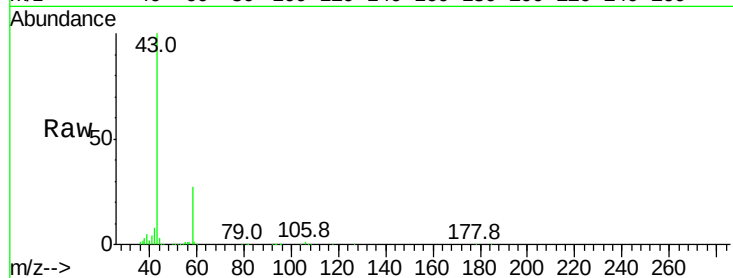


#15
Acetone
Concen: 7.939 ppbv
RT: 3.85
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
43 100
58 27.

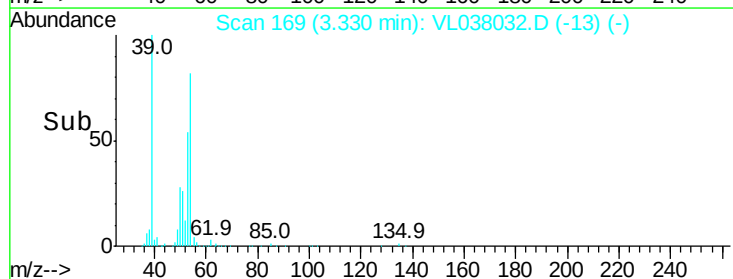
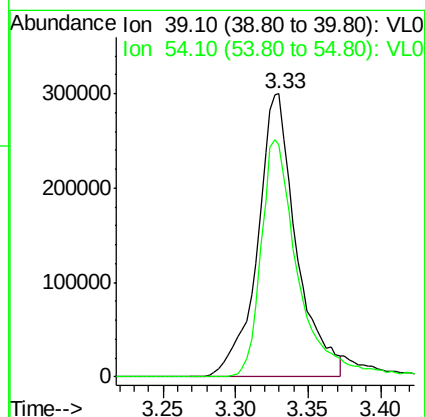
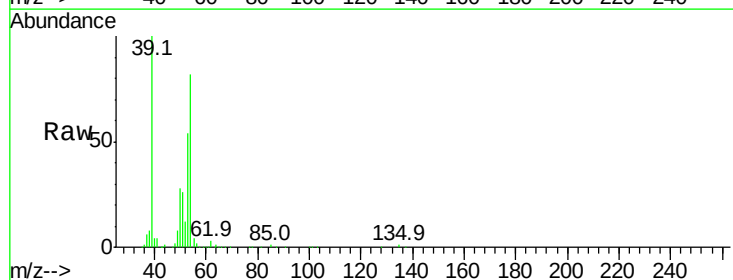
Manual Integrations
APPROVED

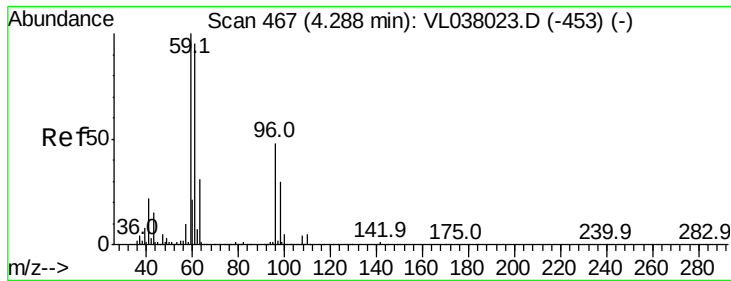
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
1,3-Butadiene
Concen: 8.501 ppbv
RT: 3.33 min Scan# 169
Delta R.T.: 0.00 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion: 39 Resp: 558881
Ion Ratio Lower Upper
39 100
54 81.5 63.7 95.5





#17

tert-Butyl alcohol

Concen: 8.354 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

59 100

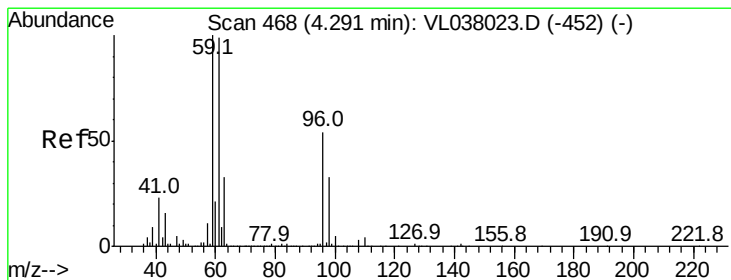
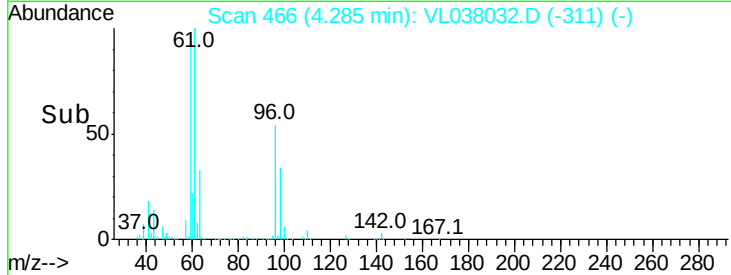
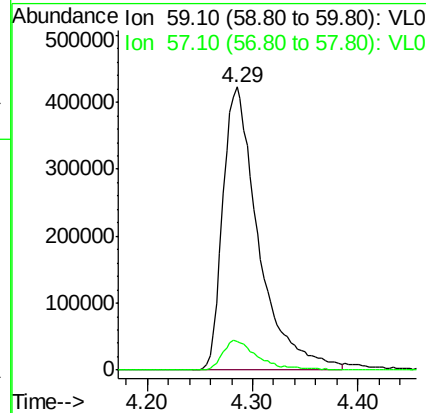
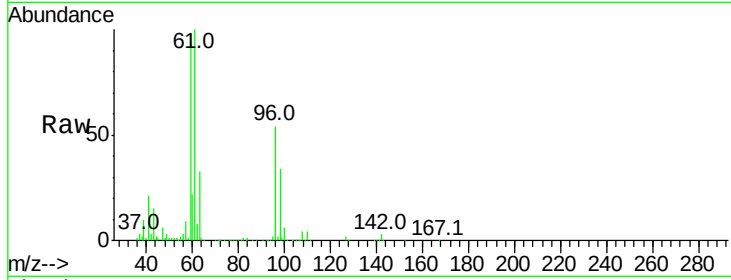
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#18

1,1-Dichloroethene

Concen: 8.669 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

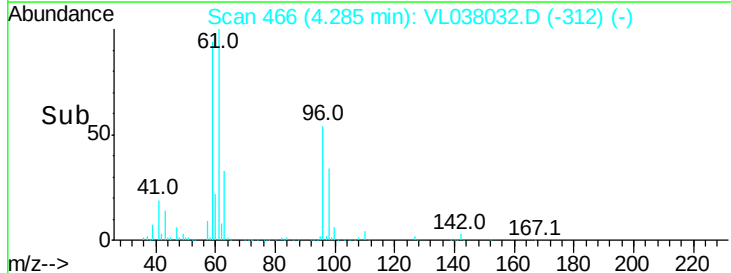
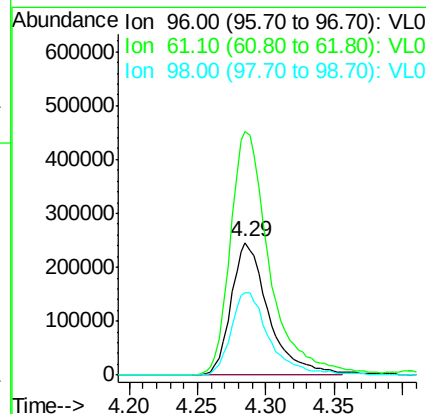
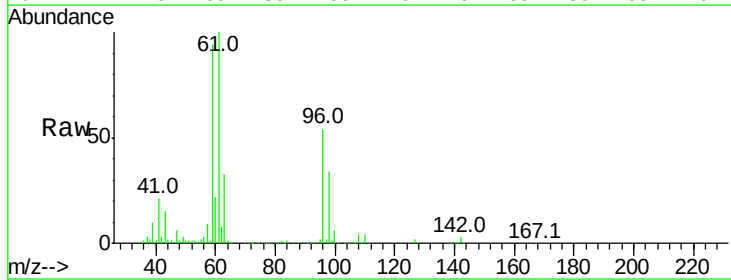
Tgt Ion: 96 Resp: 470628

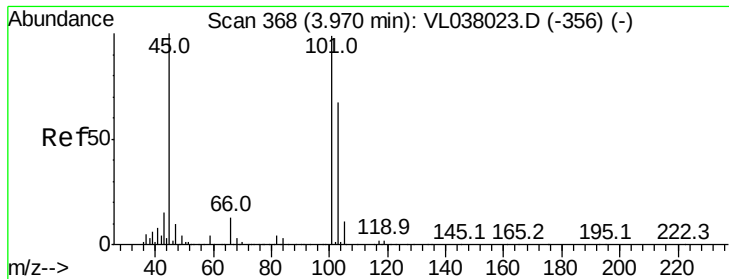
Ion Ratio Lower Upper

96 100

61 183.4 145.2 217.8

98 62.5 48.8 73.2





#19

Isopropyl Alcohol

Concen: 7.779 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

45 100

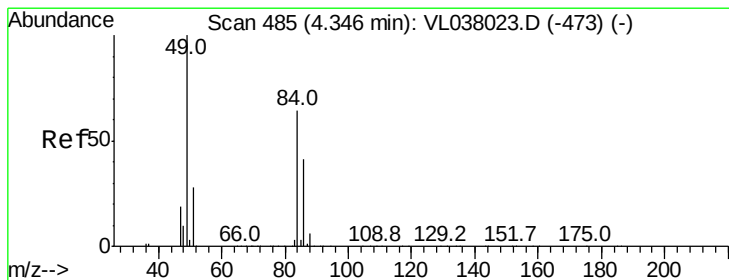
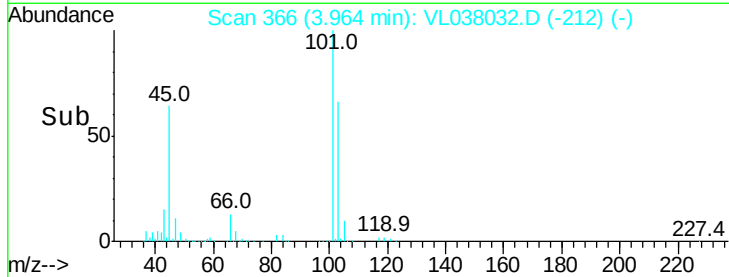
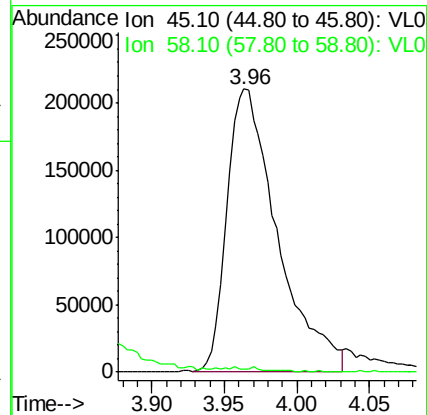
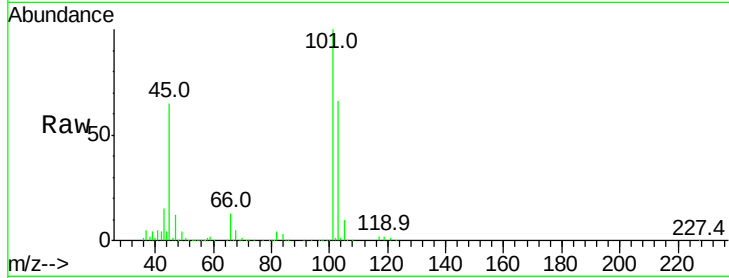
58 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 7.412 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion: 84 Resp: 385974

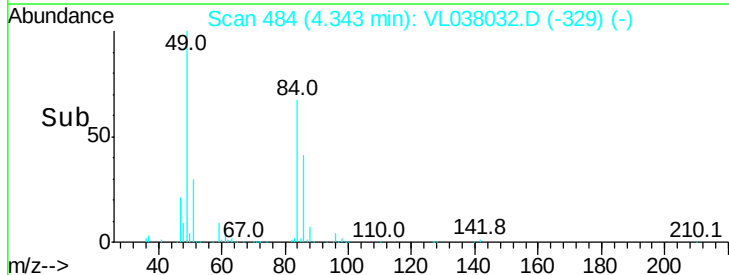
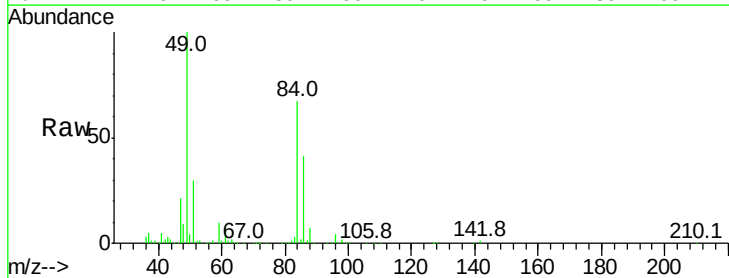
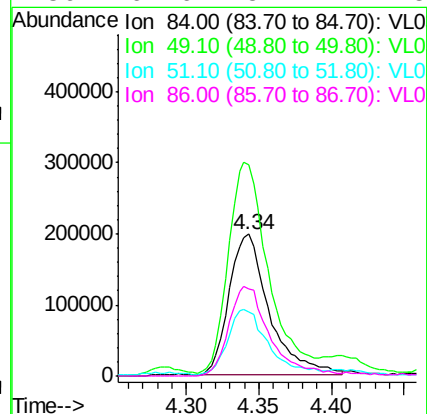
Ion Ratio Lower Upper

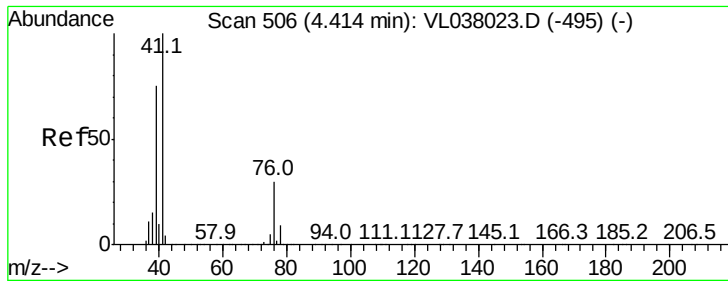
84 100

49 147.4 125.1 187.7

51 43.7 35.3 52.9

86 61.6 51.7 77.5



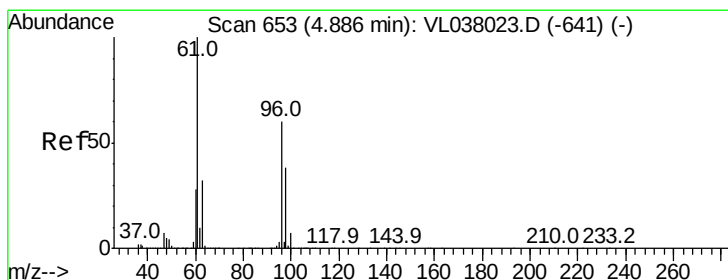
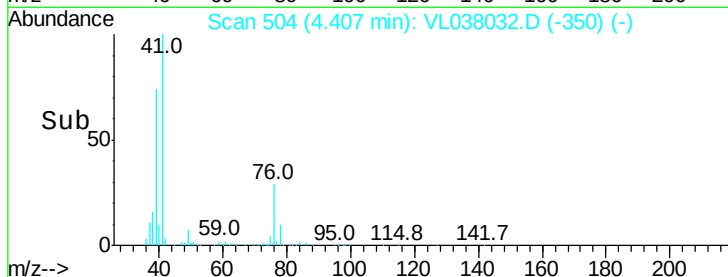
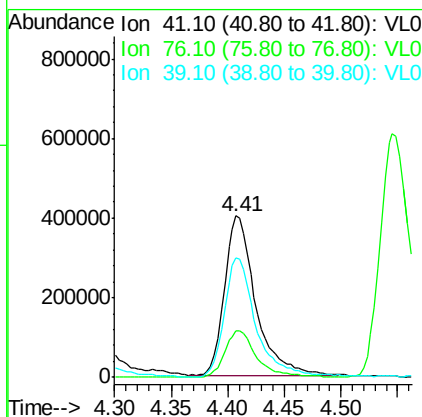
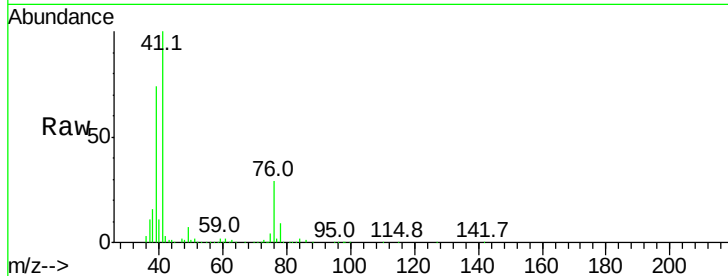


#21
 Allvl Chloride
 Concen: 8.594 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 41 100
 76 30.
 39 78.

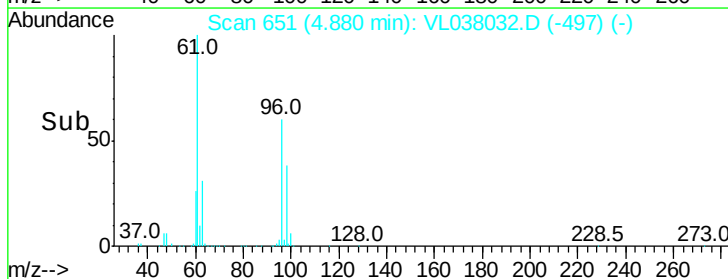
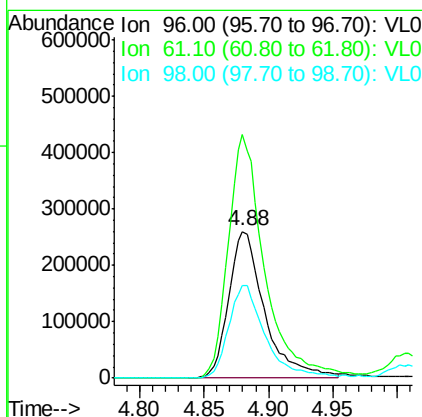
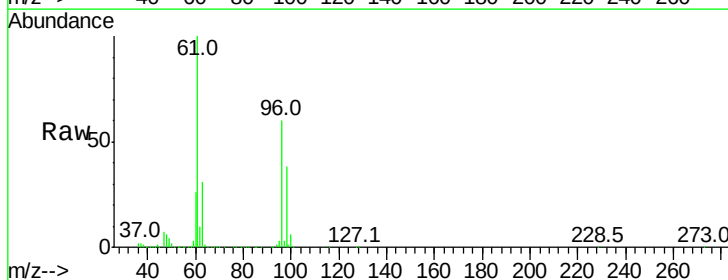
Manual Integrations
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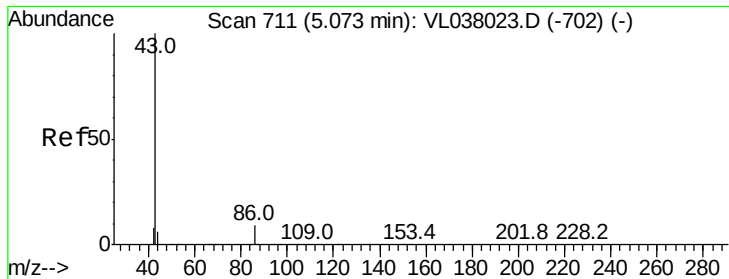
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.169 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. -0.01 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion: 96 Resp: 502260
 Ion Ratio Lower Upper
 96 100
 61 166.2 134.2 201.4
 98 63.5 51.3 76.9





#23

Vinyl Acetate

Concen: 8.486 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

43 100

86 7.

42 9.

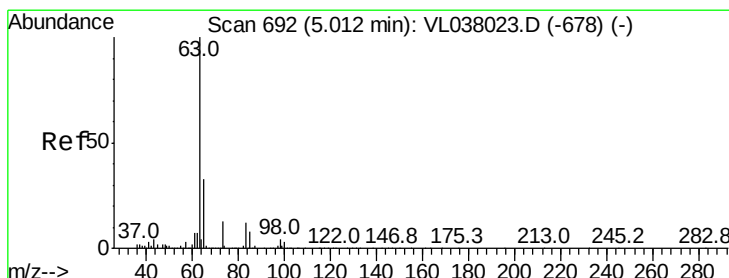
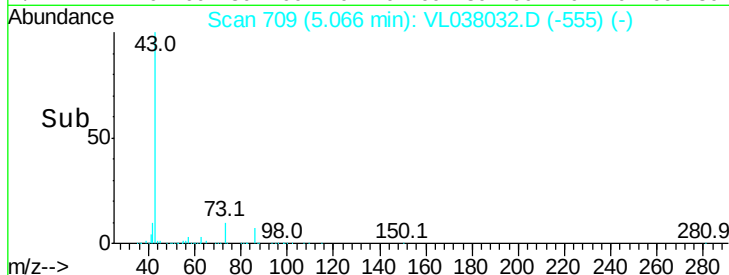
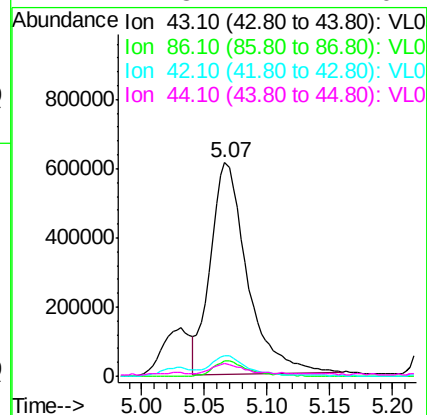
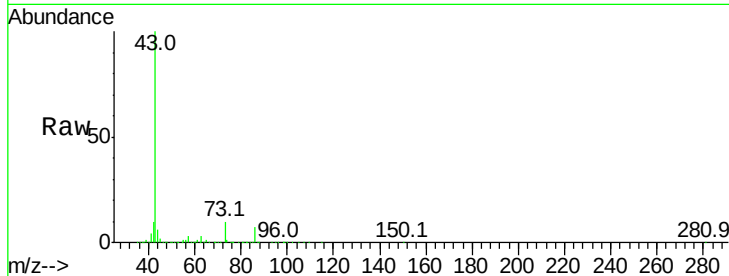
44 4.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 8.717 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

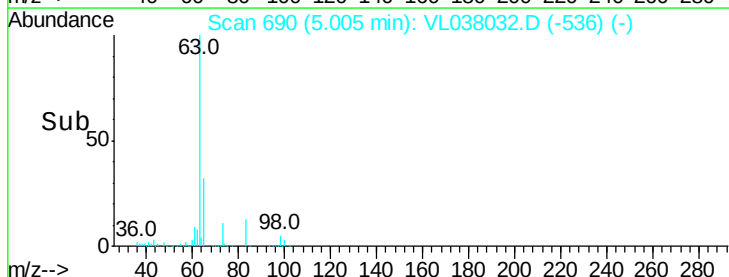
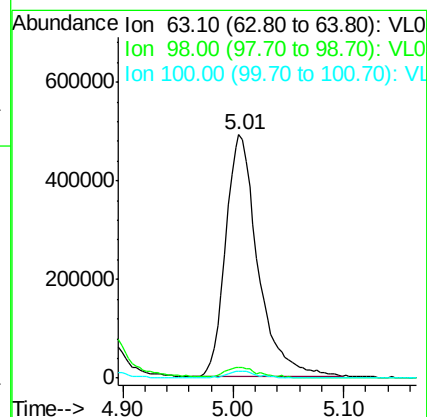
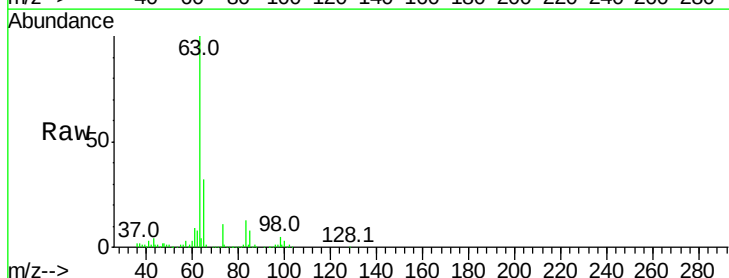
Tgt Ion: 63 Resp: 999723

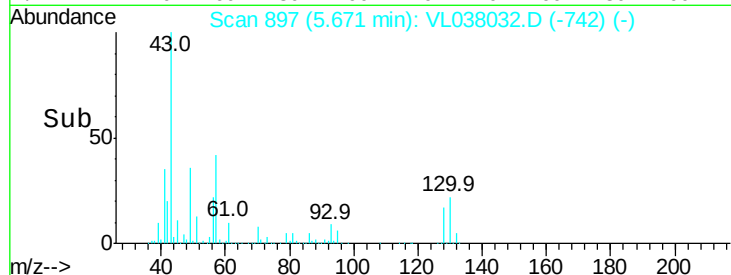
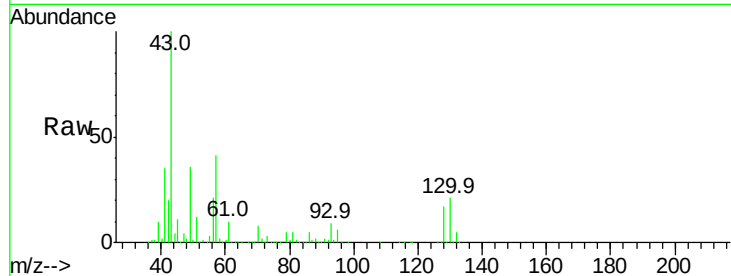
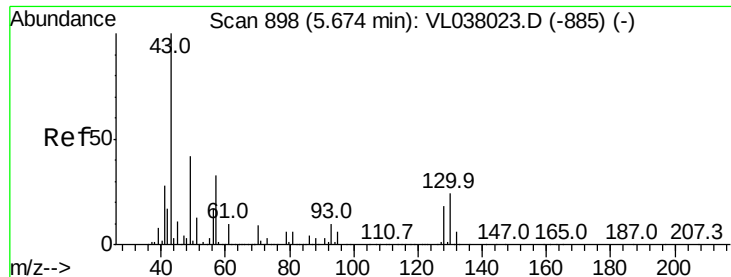
Ion Ratio Lower Upper

63 100

98 4.4 2.3 6.9

100 2.7 1.5 4.4



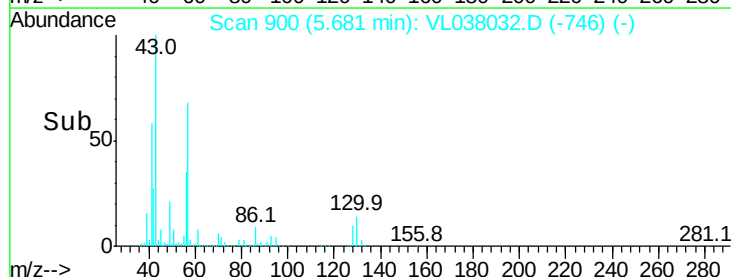
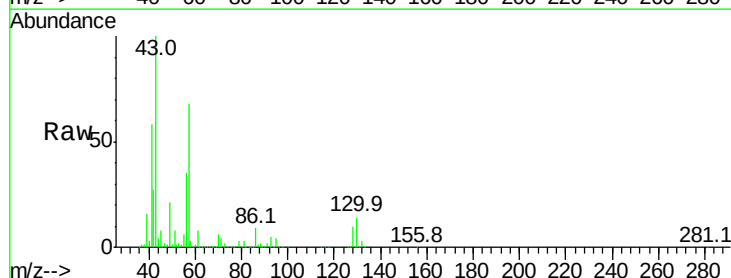
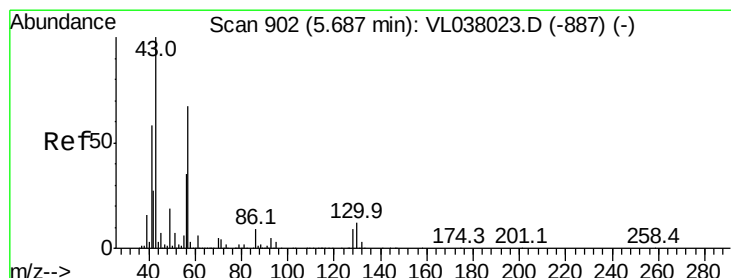
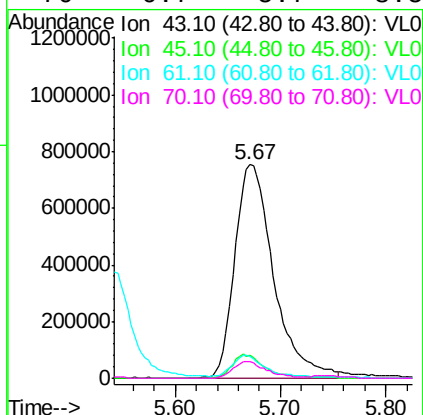


#25
Ethyl Acetate
Concen: 9.198 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.7 5.7 8.5

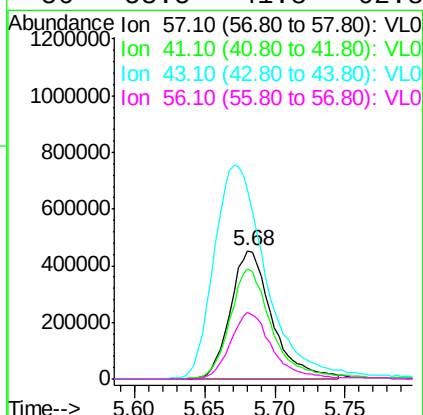
Manual Integrations
APPROVED

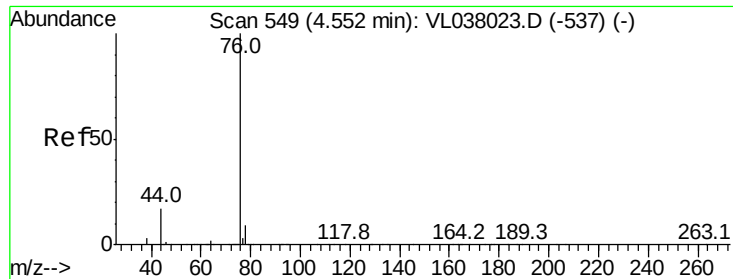
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 8.878 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion: 57 Resp: 931428
Ion Ratio Lower Upper
57 100
41 88.0 70.8 106.2
43 210.6 169.4 254.0
56 53.5 41.8 62.8





#27

Carbon Disulfide

Concen: 9.113 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

76 100

44 18.

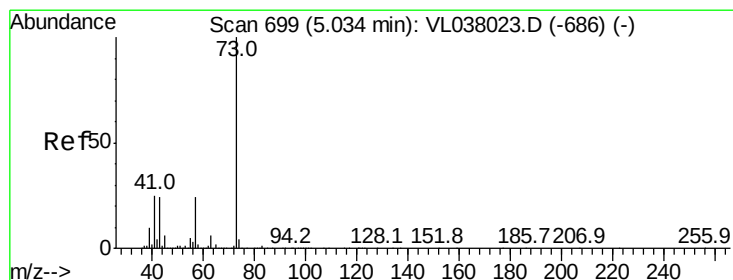
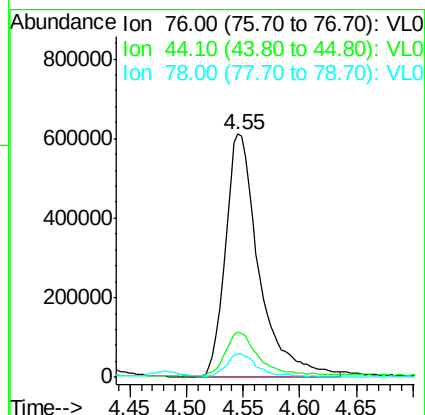
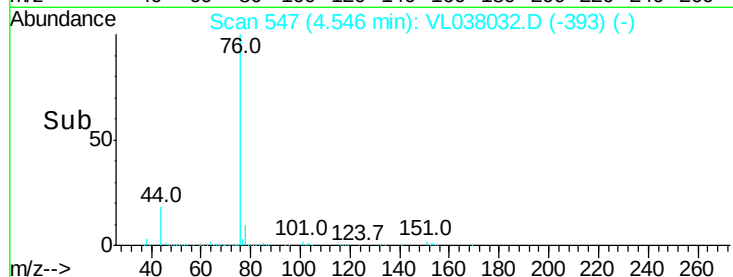
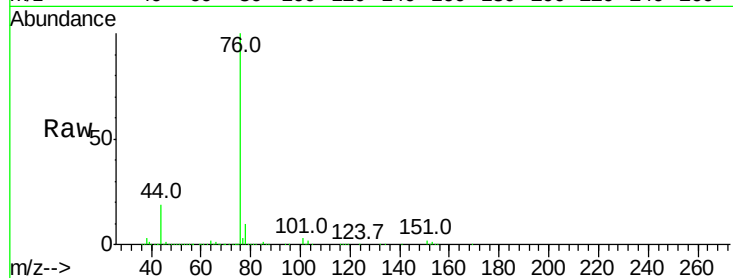
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 8.669 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.01 min

Lab File: VL038032.D

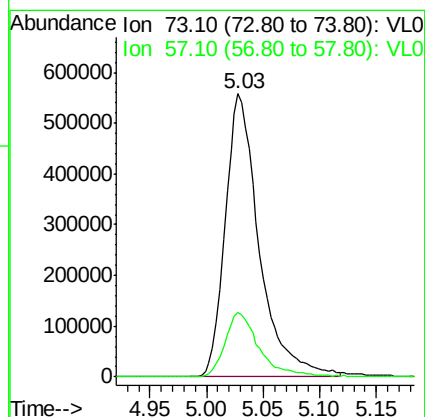
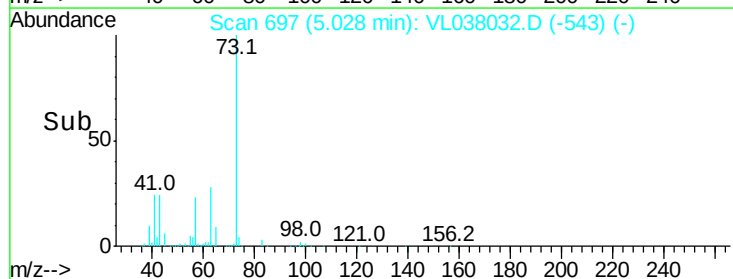
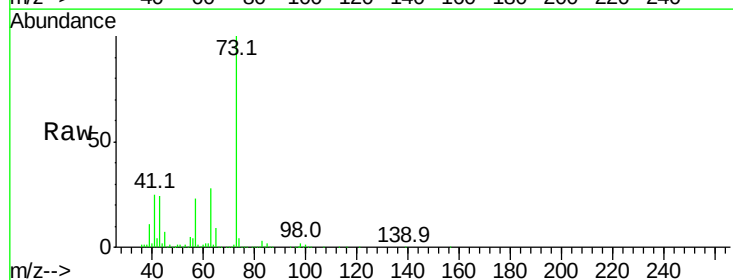
Acq: 16 Nov 2021 8:47

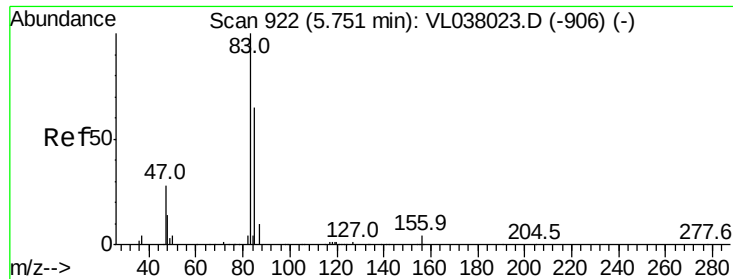
Tgt Ion: 73 Resp: 1166334

Ion Ratio Lower Upper

73 100

57 23.1 19.1 28.7



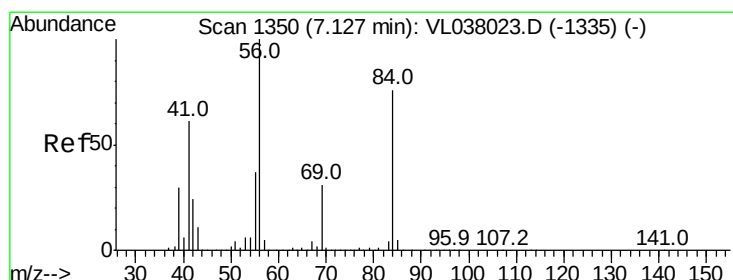
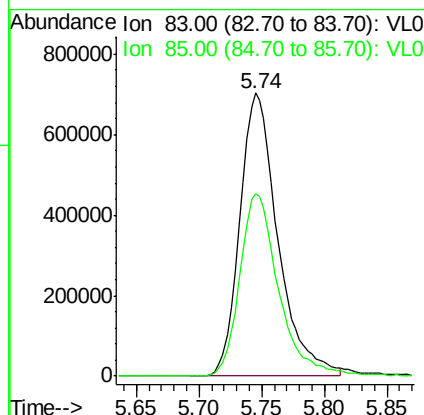
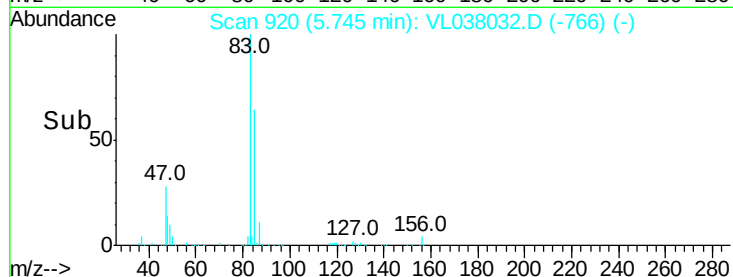
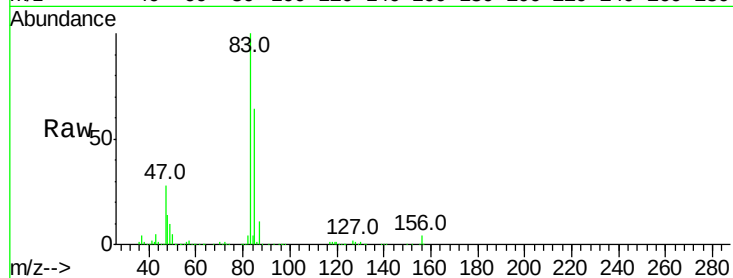


#29
Chloroform
Concen: 9.404 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
83 100
85 64.

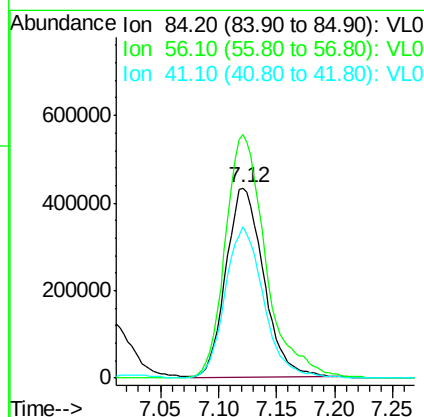
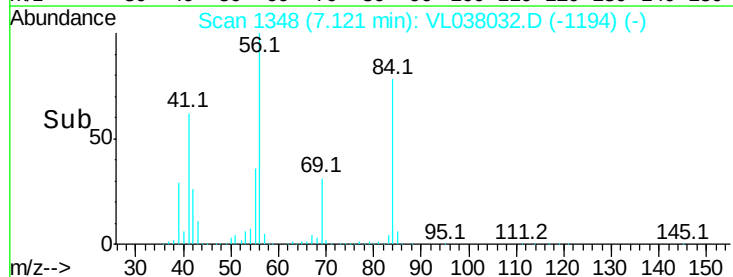
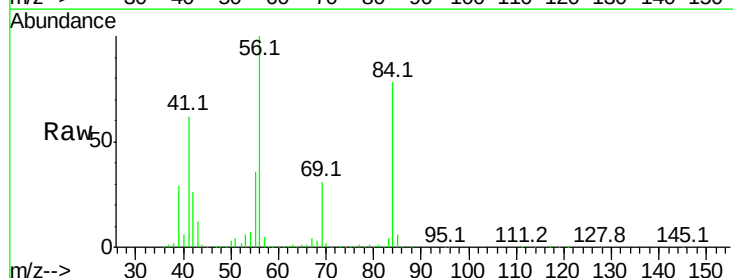
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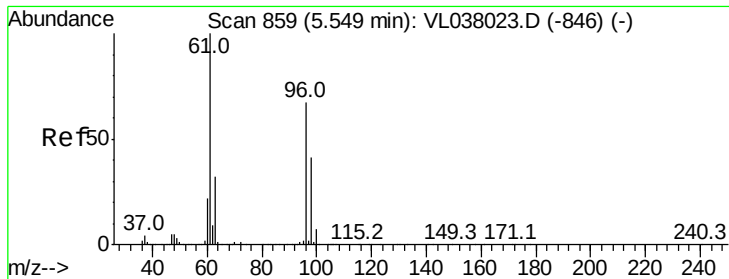
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 8.268 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion: 84 Resp: 976824
Ion Ratio Lower Upper
84 100
56 138.6 109.5 164.3
41 81.4 65.1 97.7



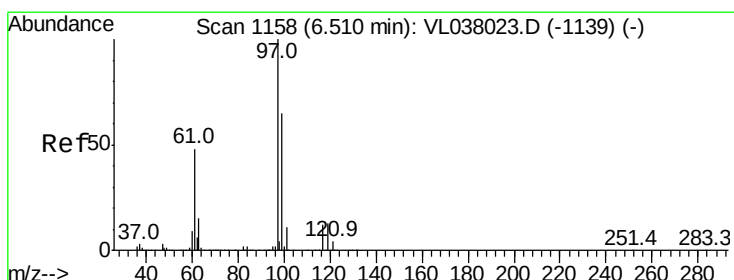
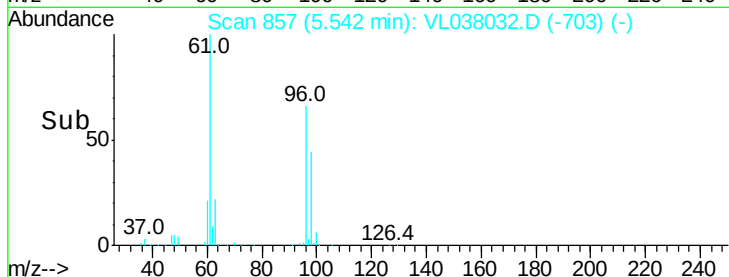
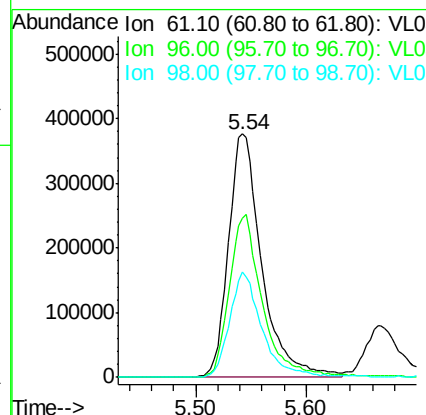
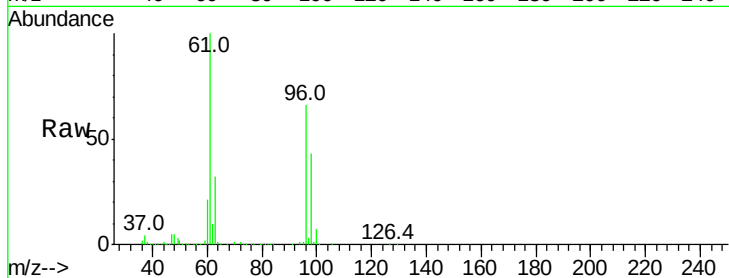


#31
 cis-1,2-Dichloroethene
 Concen: 9.066 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 61 100
 96 65.
 98 43.

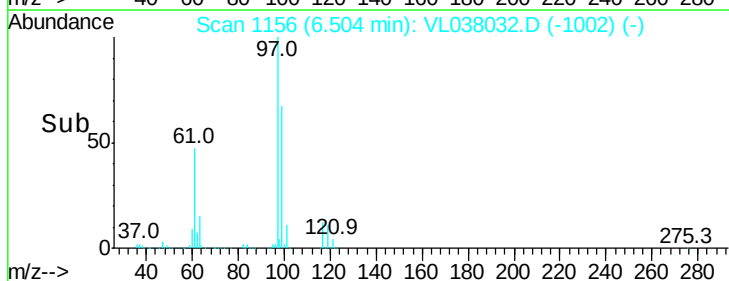
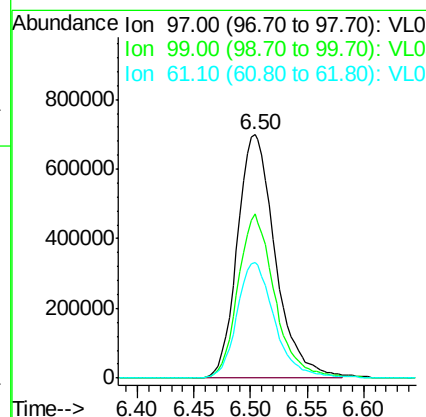
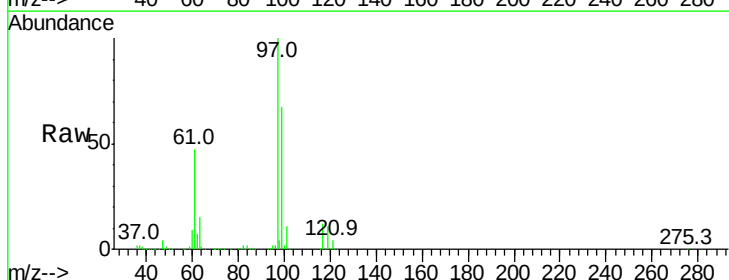
Manual Integrations
 APPROVED

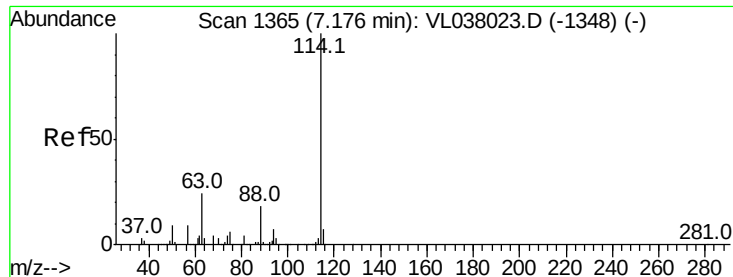
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#32
 1,1,1-Trichloroethane
 Concen: 8.148 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion: 97 Resp: 1633864
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.9 77.9
 61 46.9 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:1

Ion Rati

114 100

63 24.

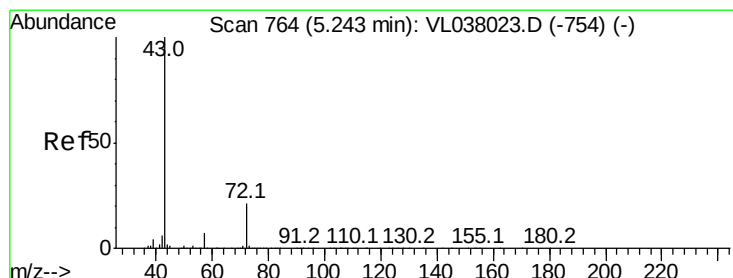
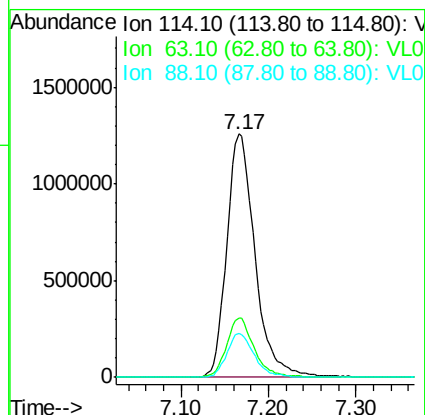
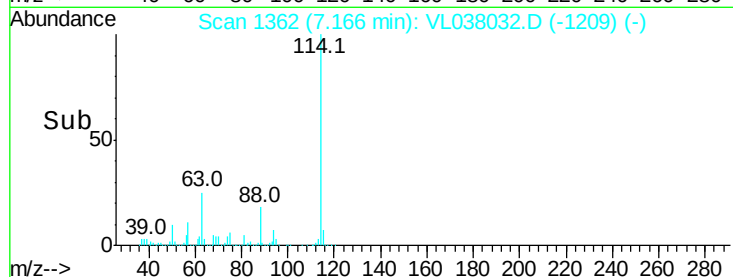
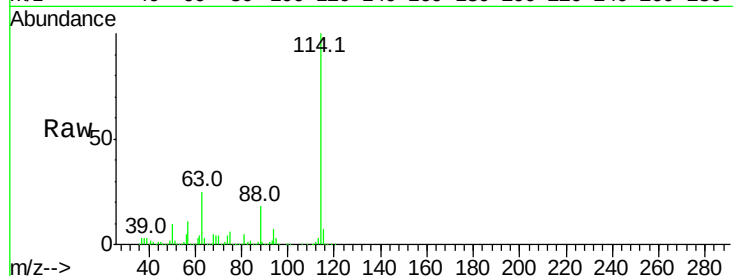
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

2-Butanone

Concen: 8.439 ppbv

RT: 5.24 min Scan# 762

Delta R.T. -0.01 min

Lab File: VL038032.D

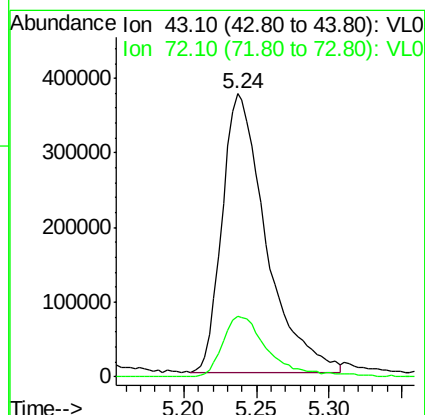
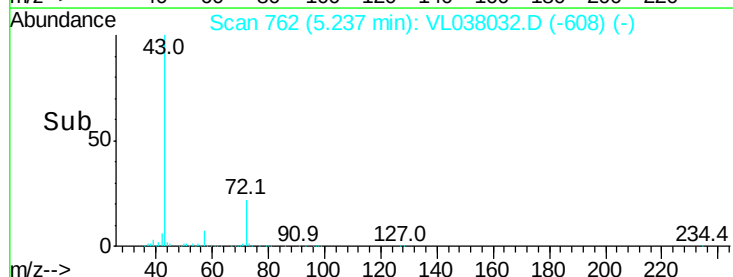
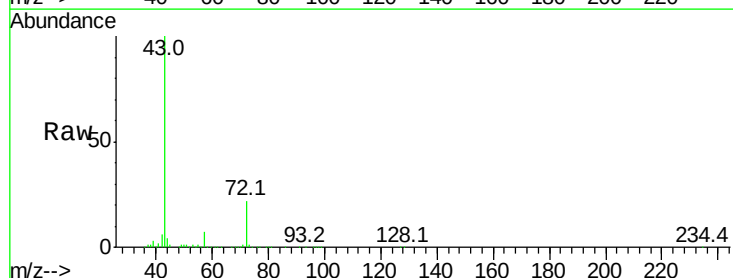
Acq: 16 Nov 2021 8:47

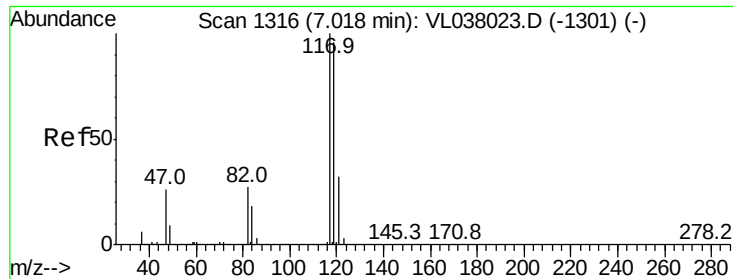
Tgt Ion: 43 Resp: 784911

Ion Ratio Lower Upper

43 100

72 23.3 18.2 27.2





#35

Carbon Tetrachloride

Concen: 8.616 ppbv

RT: 7.01

Delta R.T. MSVOA_L

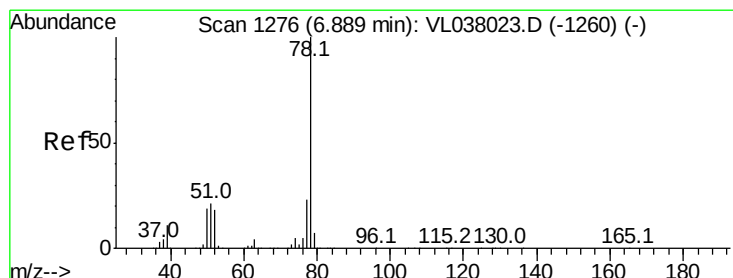
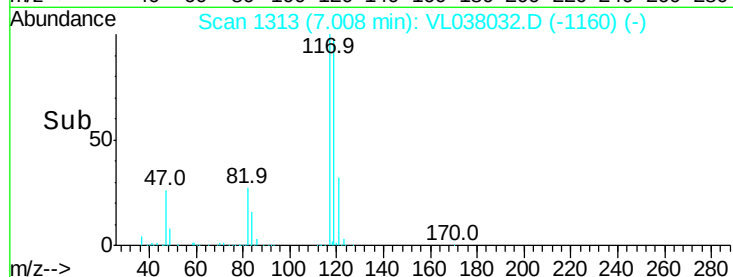
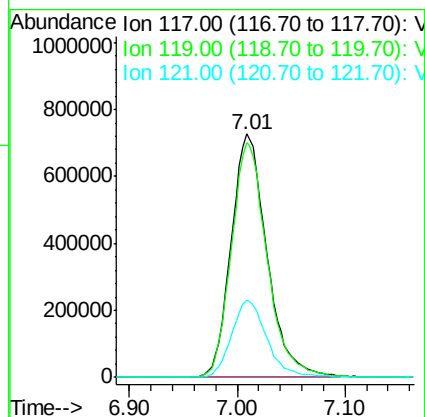
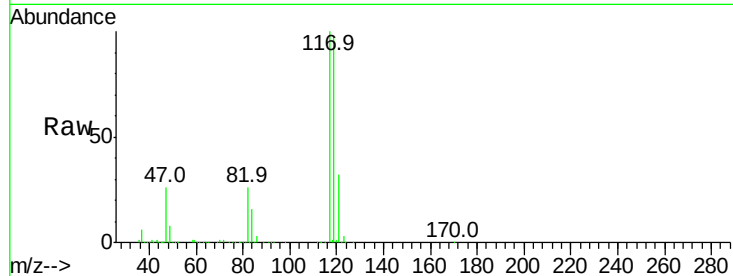
Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

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



#36

Benzene

Concen: 8.800 ppbv

RT: 6.88 min Scan# 1274

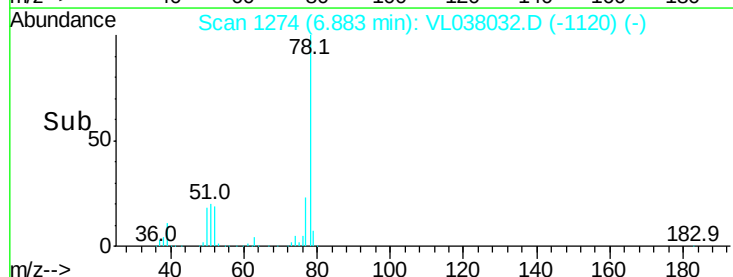
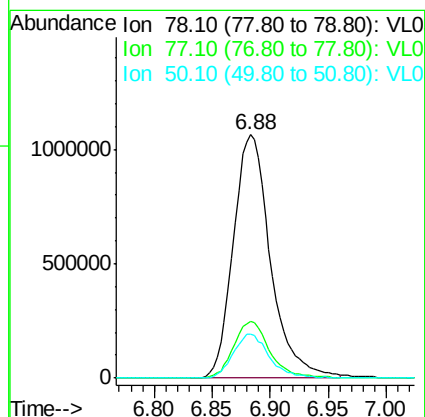
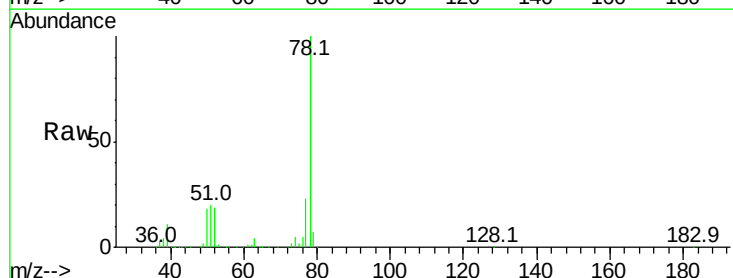
Delta R.T. -0.01 min

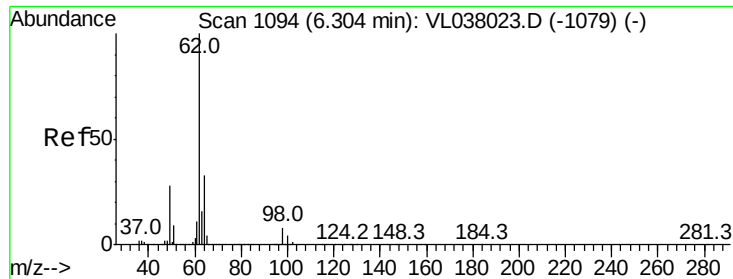
Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion: 78 Resp: 2360661

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.8	28.2
50	18.1	14.9	22.3



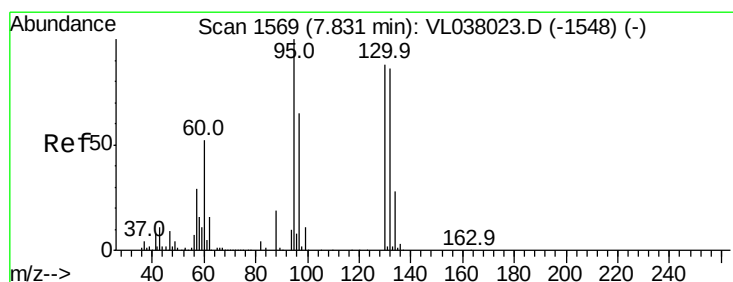
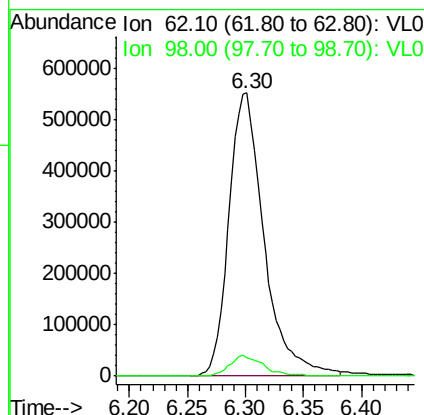
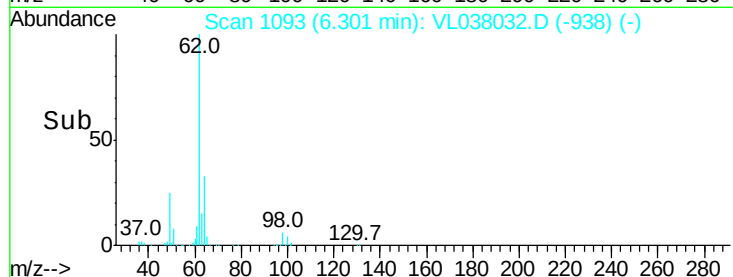
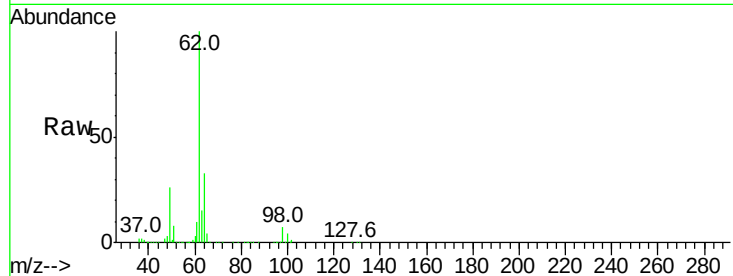


#37
 1,2-Dichloroethane
 Concen: 9.353 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 62 100
 98 7.

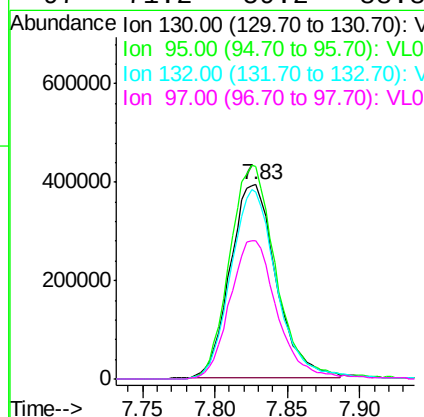
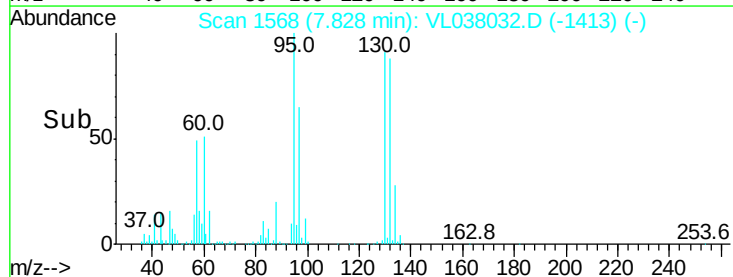
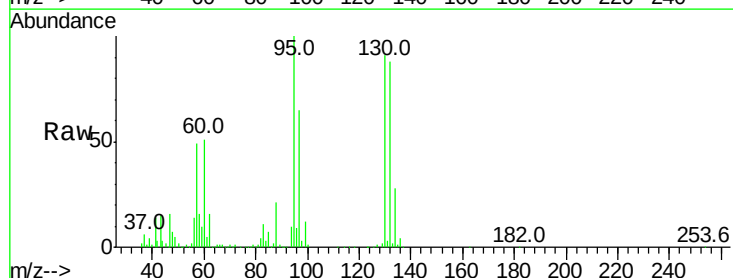
Manual Integrations
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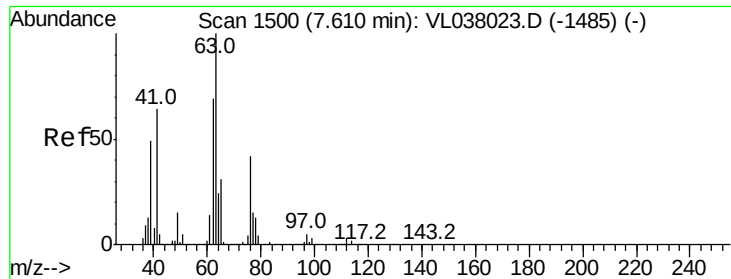
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 7.951 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion:130 Resp: 866445
 Ion Ratio Lower Upper
 130 100
 95 110.1 90.5 135.7
 132 96.3 77.4 116.0
 97 71.2 59.2 88.8



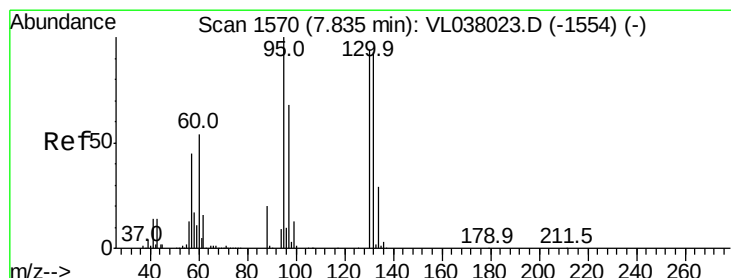
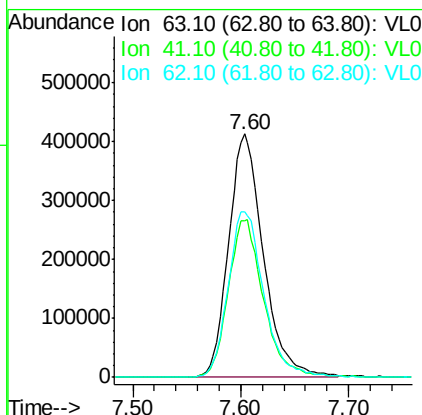
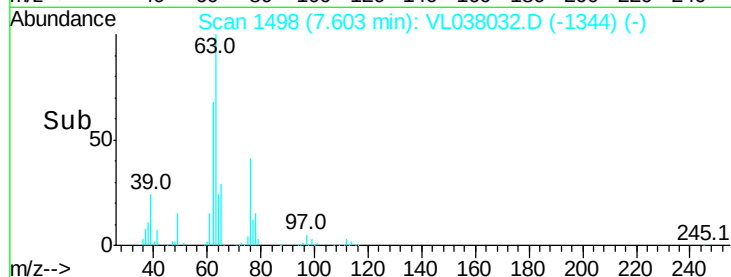
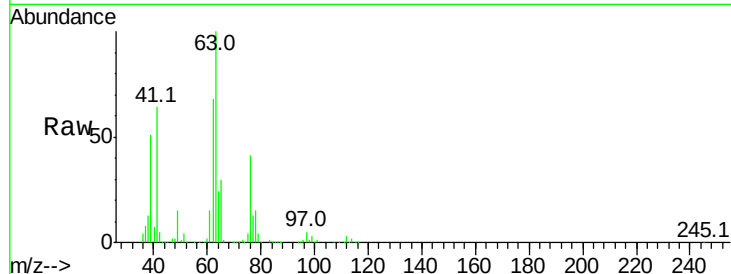


#39
 1,2-Dichloropropane
 Concen: 8.916 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion:
 Ion Ratio
 63 100
 41 64.
 62 68.

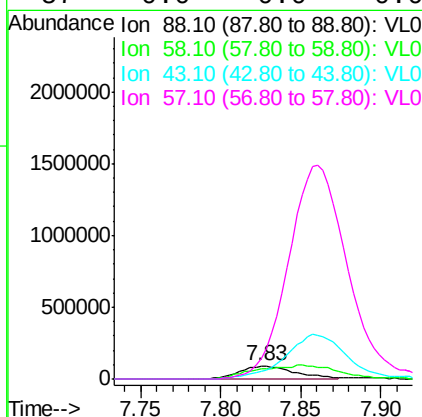
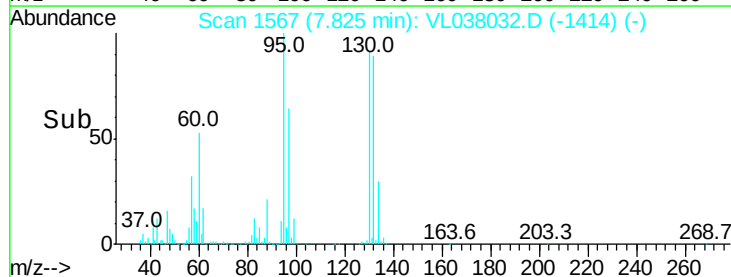
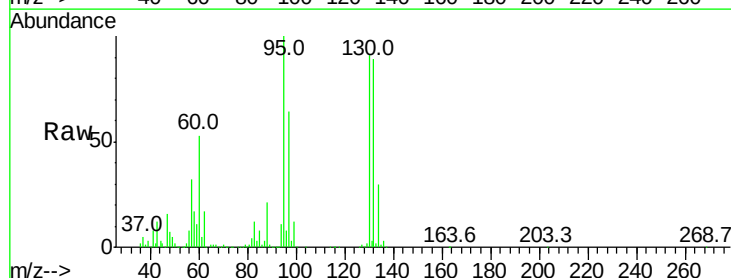
Manual Integrations
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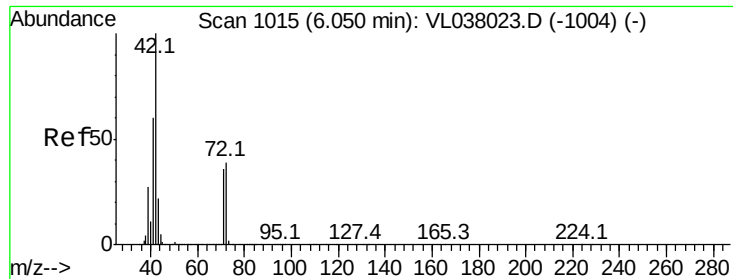
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 7.976 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion: 88 Resp: 213283
 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: 9.190 ppbv

RT: 6.04 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

42 100

72 38.

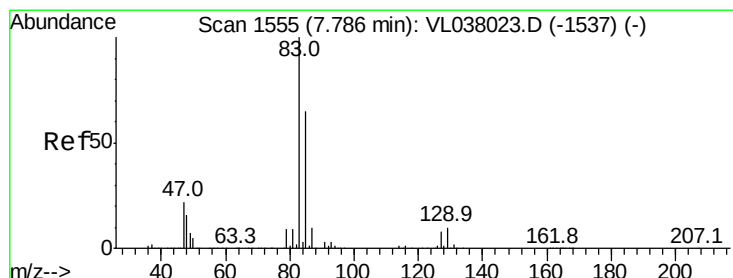
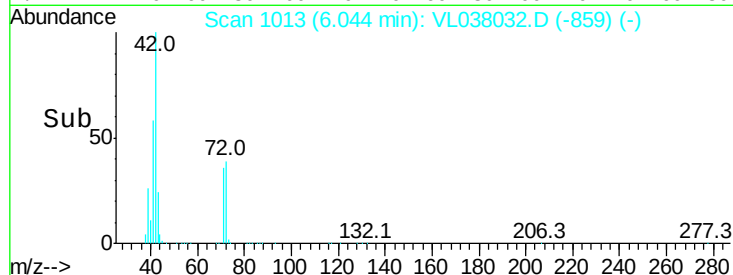
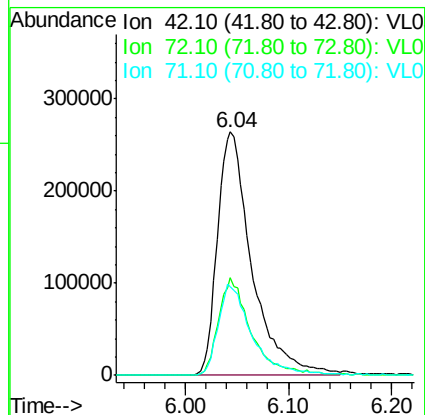
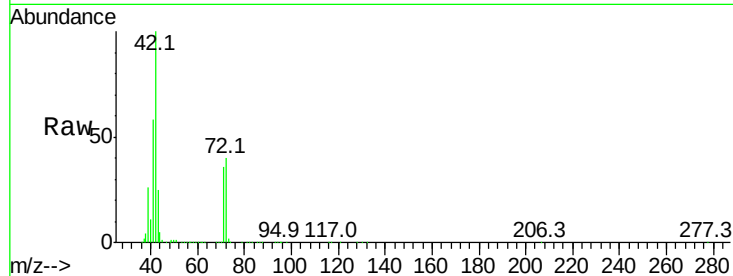
71 37.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#42

Bromodichloromethane

Concen: 9.136 ppbv

RT: 7.78 min Scan# 1553

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

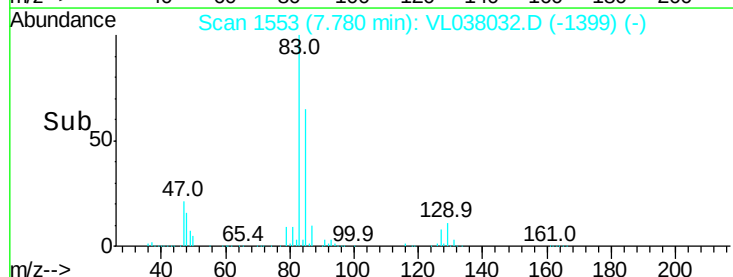
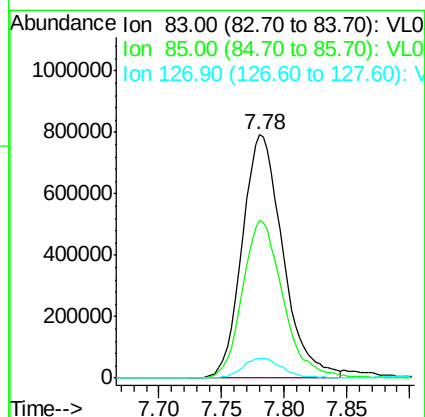
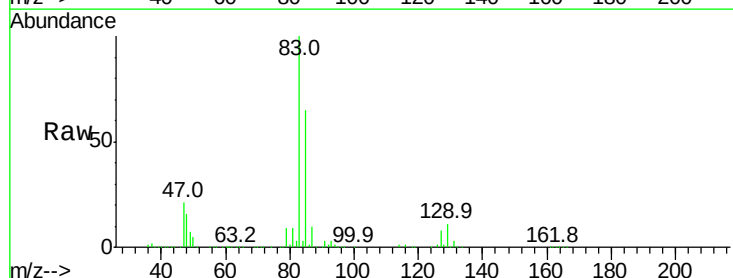
Tgt Ion: 83 Resp: 1790695

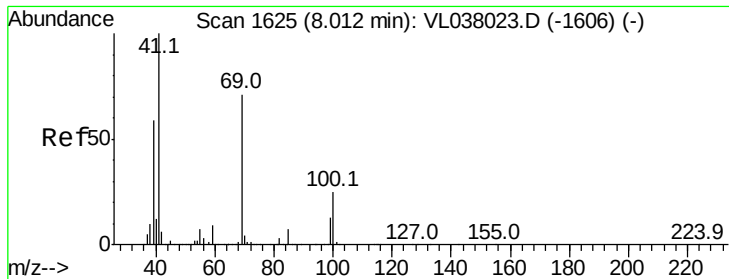
Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

127 8.2 6.6 10.0





#43

Methyl Methacrylate

Concen: 9.090 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

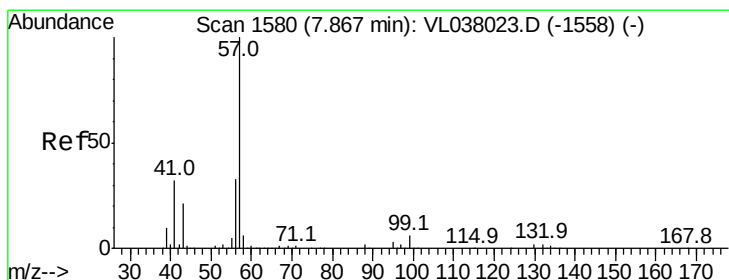
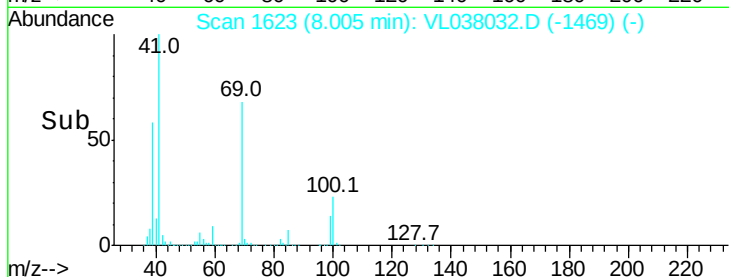
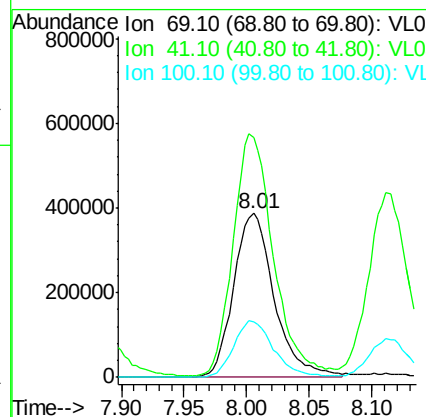
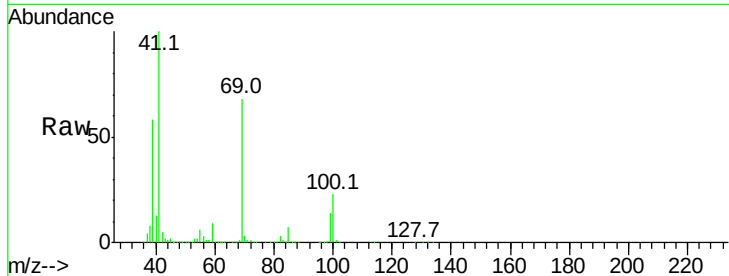
69	100
41	148.
100	34.

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: 8.413 ppbv

RT: 7.86 min Scan# 1578

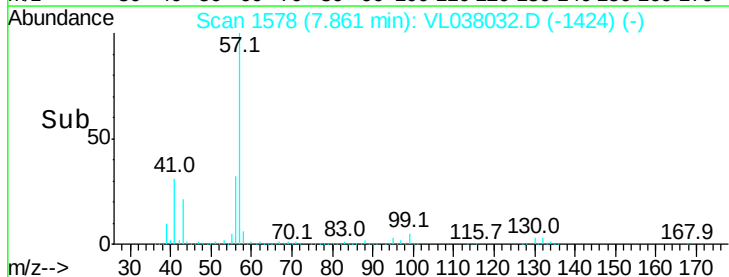
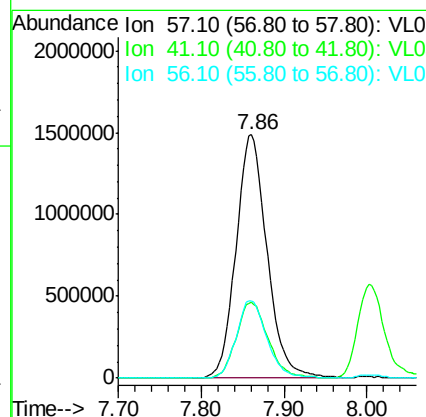
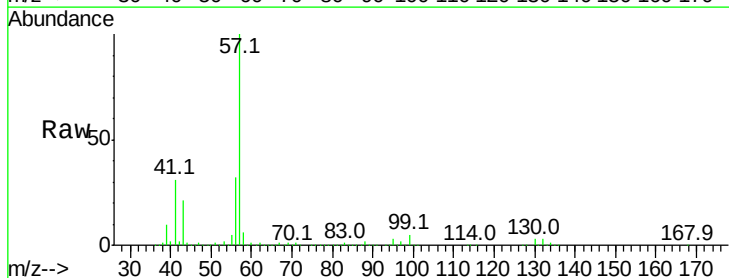
Delta R.T. -0.01 min

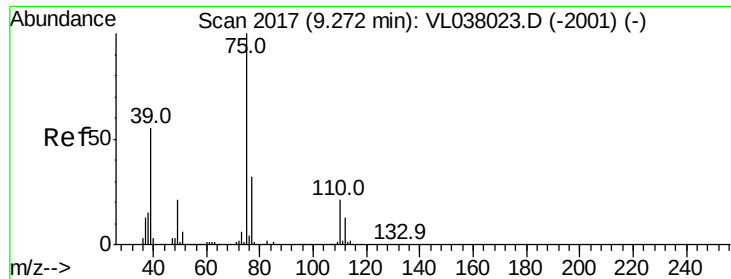
Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion: 57 Resp: 3876939

Ion	Ratio	Lower	Upper
57	100		
41	31.8	26.2	39.2
56	31.5	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 10.431 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47 VL1116ABS01

Tot Ion:

Ion Ratio

75 100

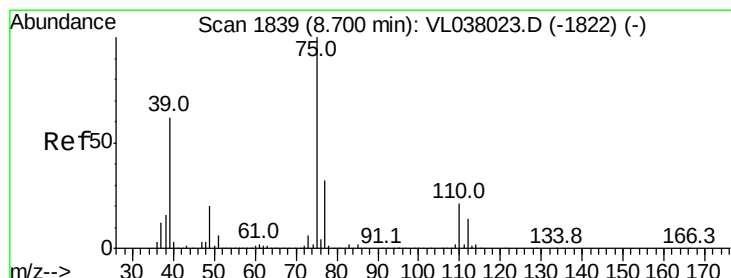
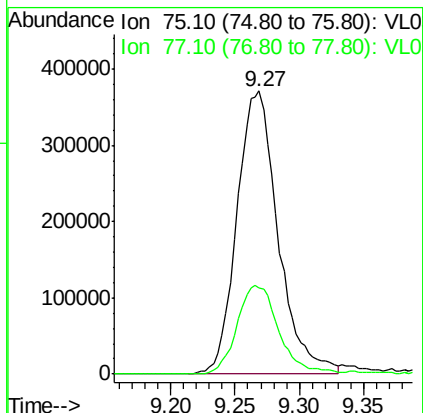
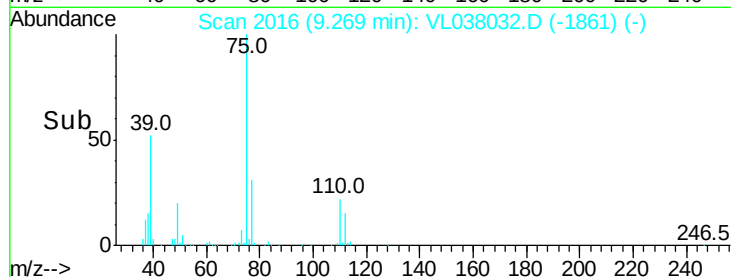
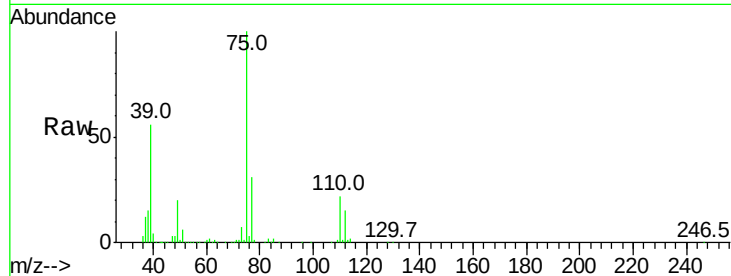
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 10.005 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

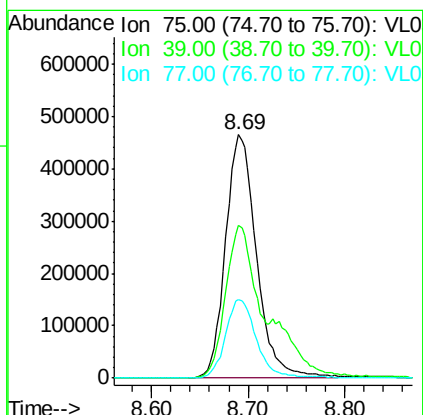
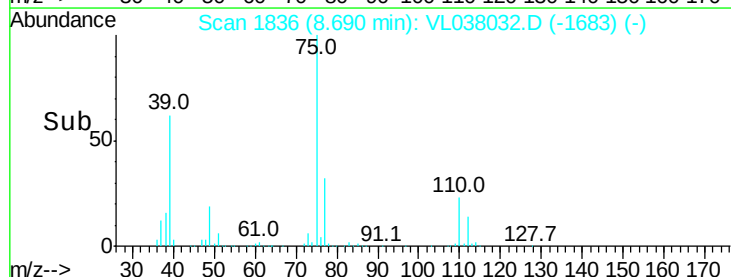
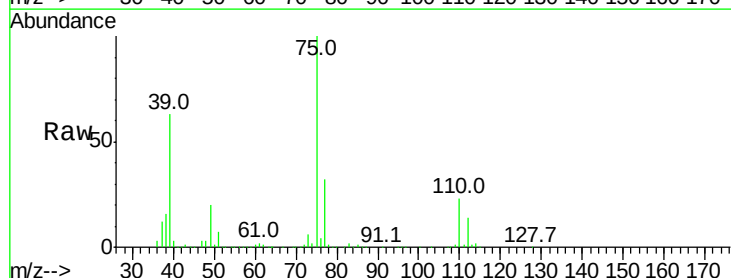
Tgt Ion: 75 Resp: 1036176

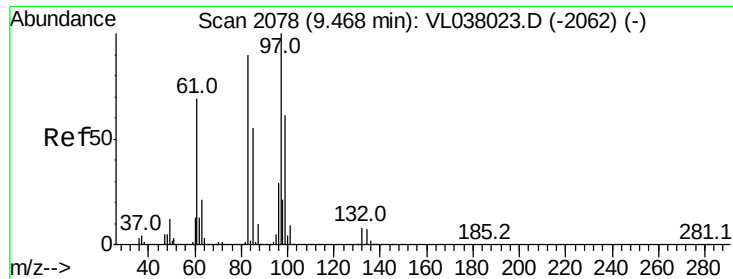
Ion Ratio Lower Upper

75 100

39 62.6 49.2 73.8

77 32.2 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.081 ppbv

RT: 9.46 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

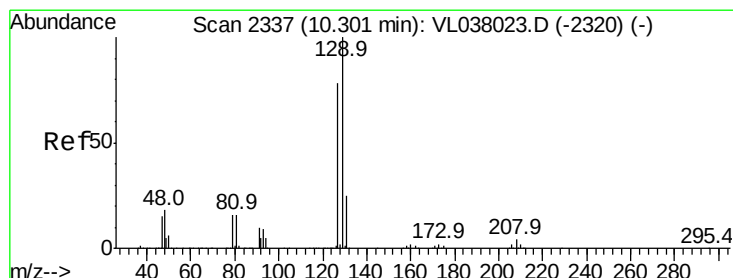
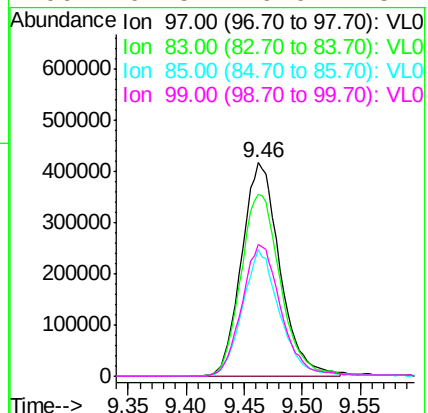
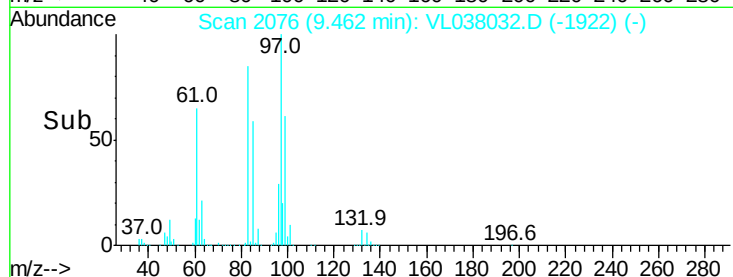
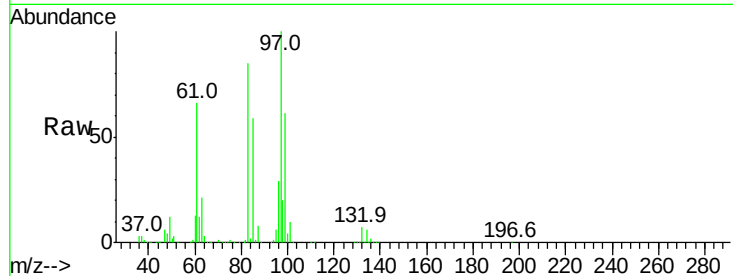
Lab File: VL1116ABS01

Acq: 16 Nov 2021 8:47

Tot Ion:	Ion	Ratio		
97	100			
83	85.			
85	58.			
99	61.5	49.0	73.4	

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



#48

Dibromochloromethane

Concen: 9.338 ppbv

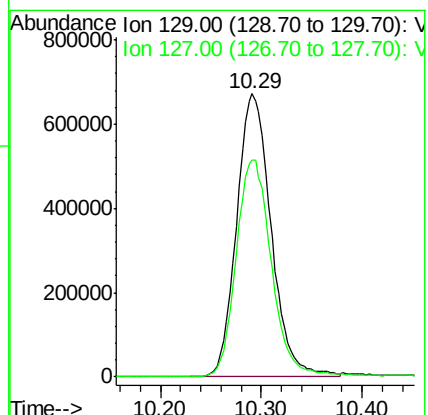
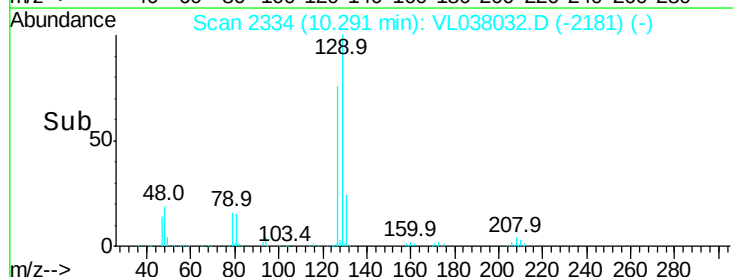
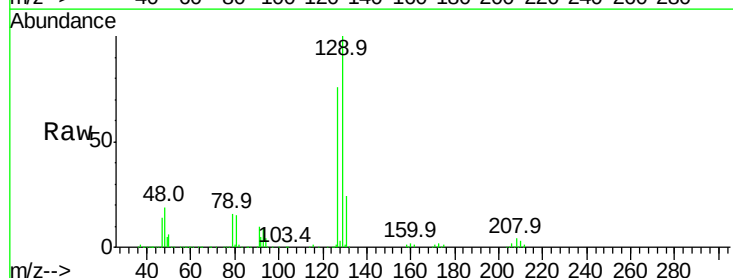
RT: 10.29 min Scan# 2334

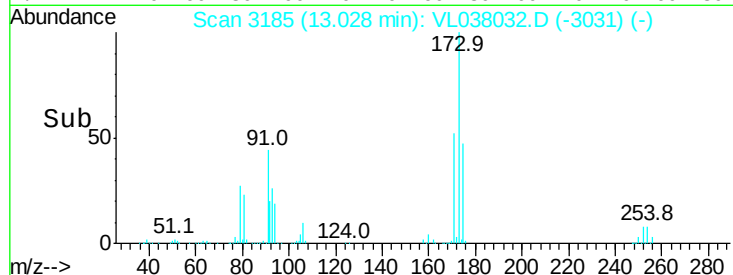
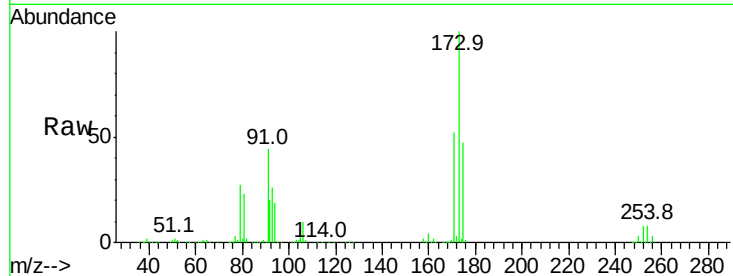
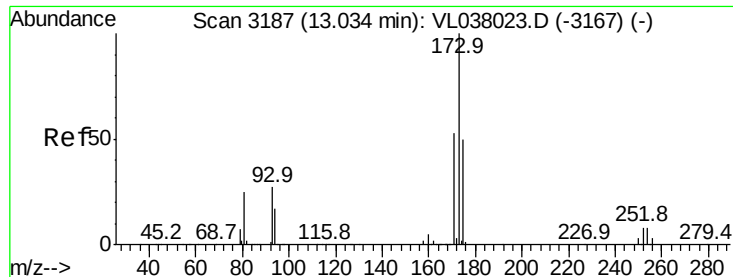
Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion:	129	Resp:	1599004
Ion	Ratio	Lower	Upper
129	100		
127	79.5	40.1	120.3





#49

Bromoform

Concen: 9.441 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 16 Nov 2021

Instrument : MSVOA_1

ClientSampleId :

VL1116ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021

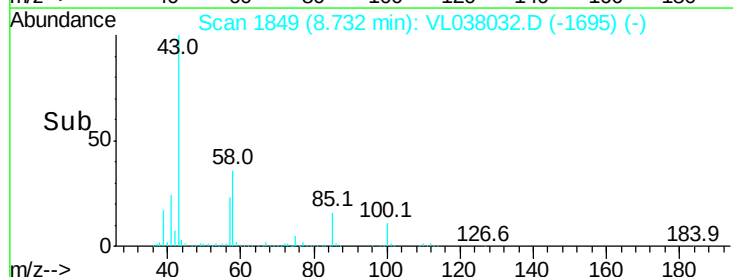
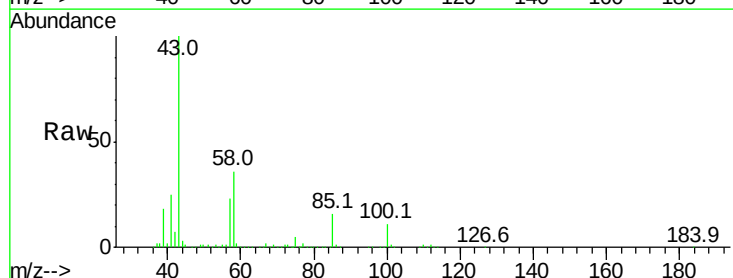
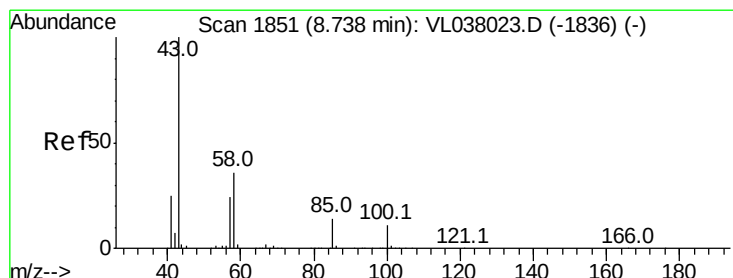
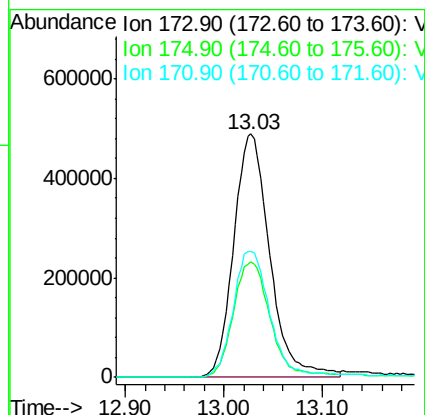
Tot Ion:1

Ion Rati

173 100

175 50.

171 55.



#50

4-Methyl-2-Pentanone

Concen: 9.158 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL038032.D

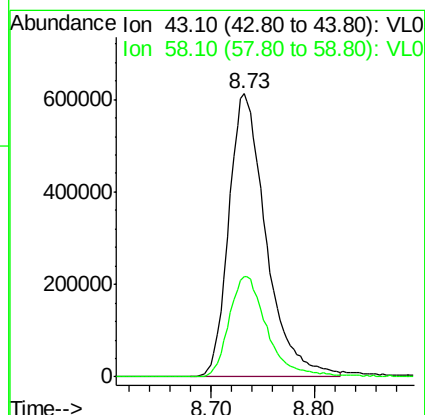
Acq: 16 Nov 2021 8:47

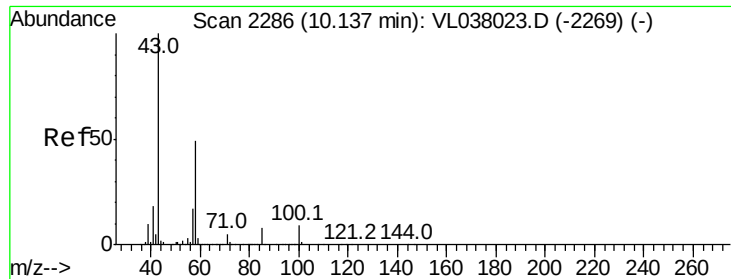
Tgt Ion: 43 Resp: 1536088

Ion Ratio Lower Upper

43 100

58 36.4 29.8 44.6



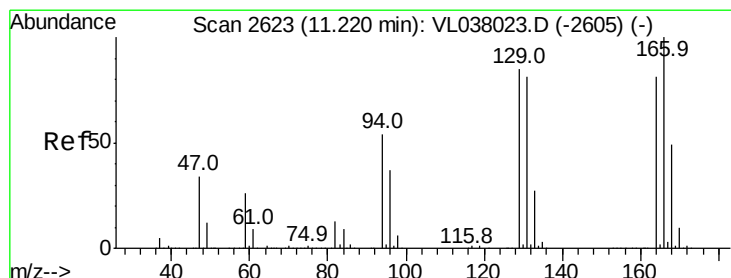
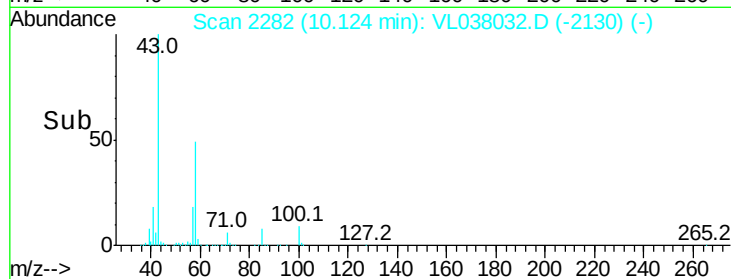
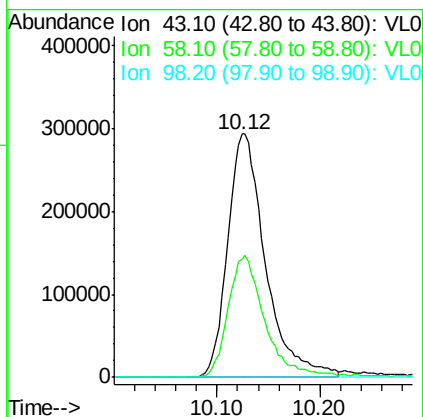
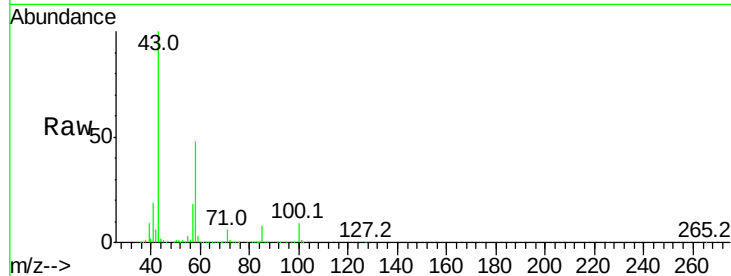


#51
2-Hexanone
Concen: 9.552 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
43 100
58 49.
98 0.

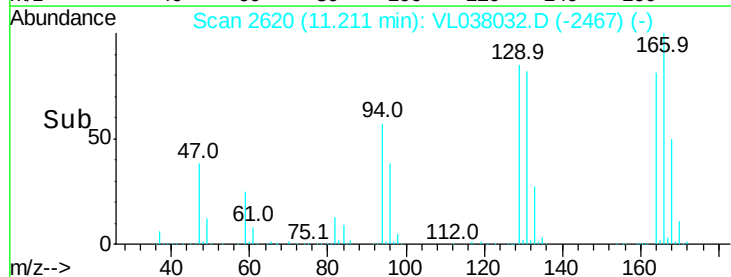
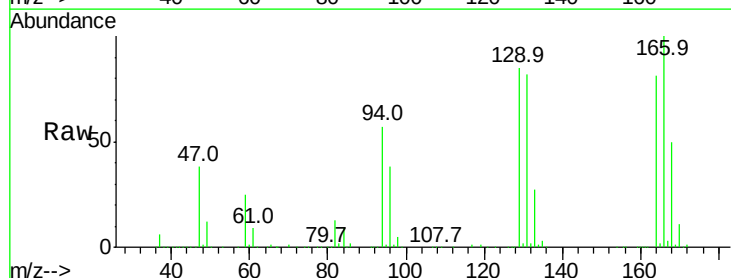
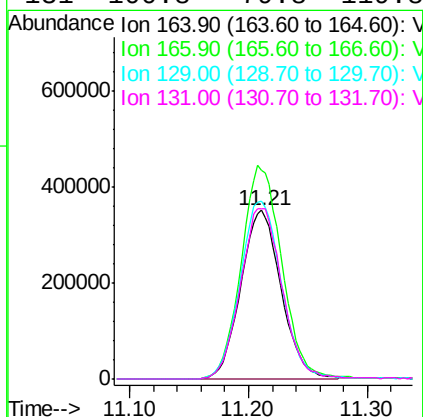
Manual Integrations
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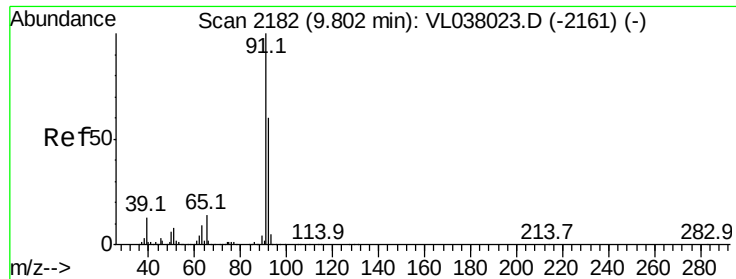
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 8.108 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion:164 Resp: 821011
Ion Ratio Lower Upper
164 100
166 123.6 98.6 148.0
129 105.6 84.1 126.1
131 100.8 79.8 119.8





#53

Toluene

Concen: 8.829 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

91 100

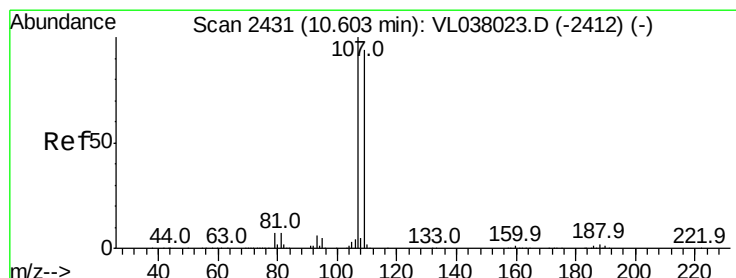
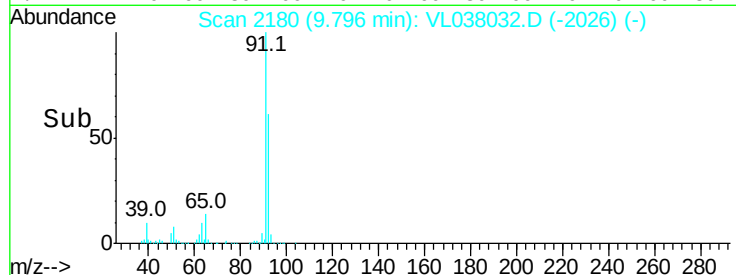
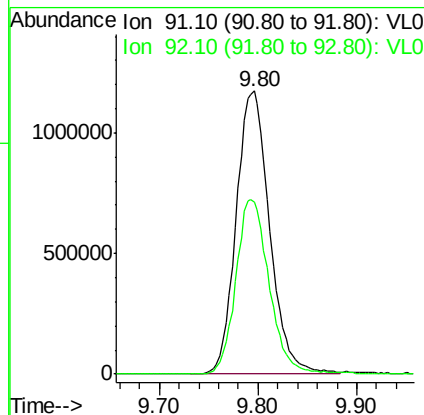
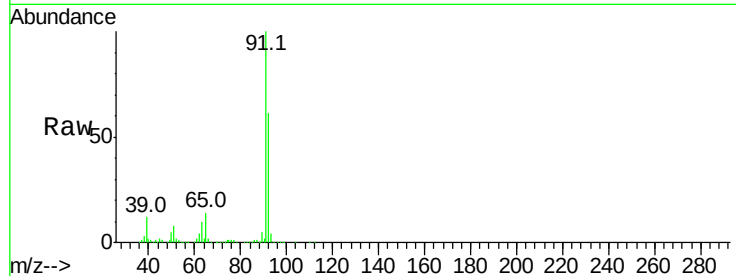
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 9.483 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VL038032.D

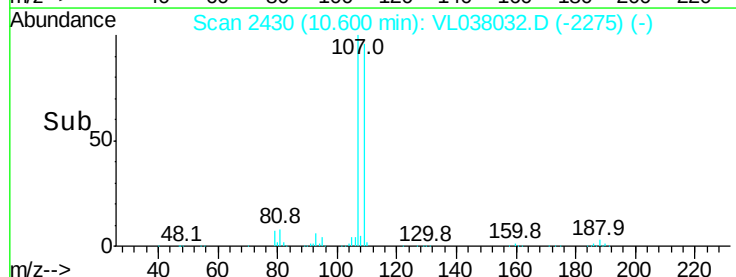
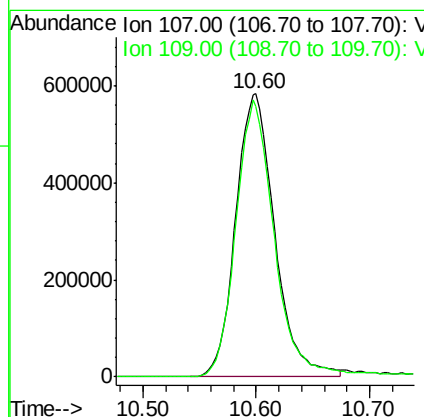
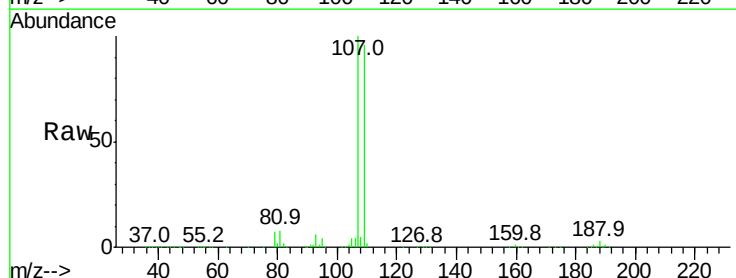
Acq: 16 Nov 2021 8:47

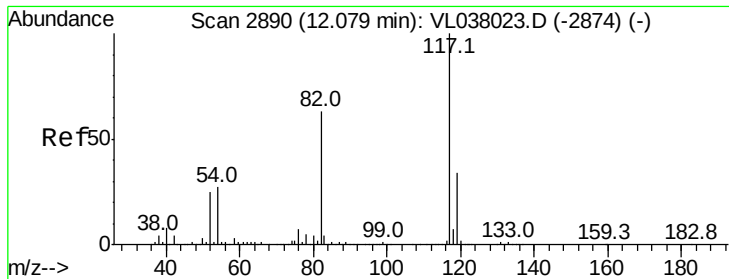
Tgt Ion:107 Resp: 1399388

Ion Ratio Lower Upper

107 100

109 95.7 75.0 112.6



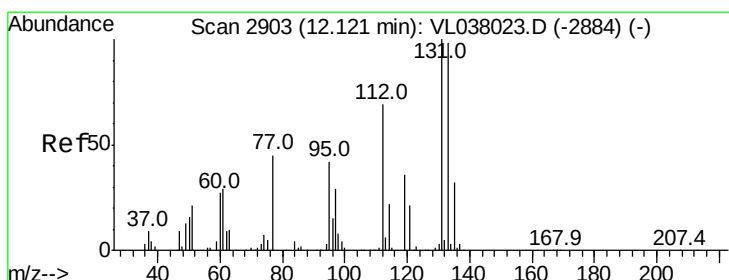
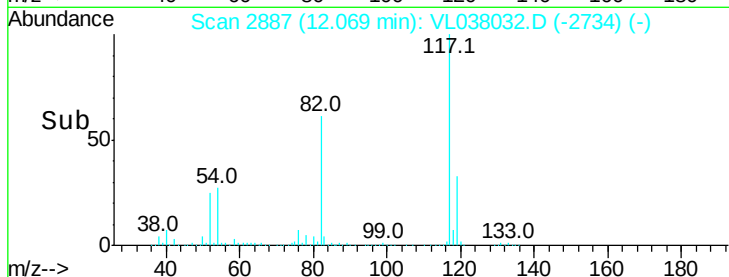
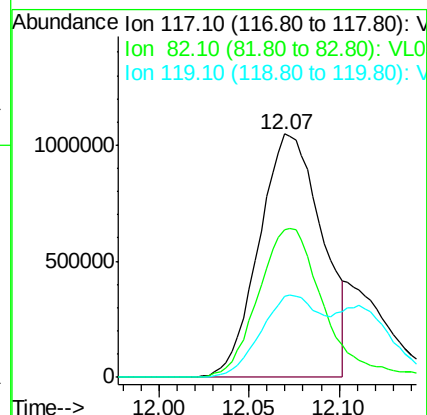
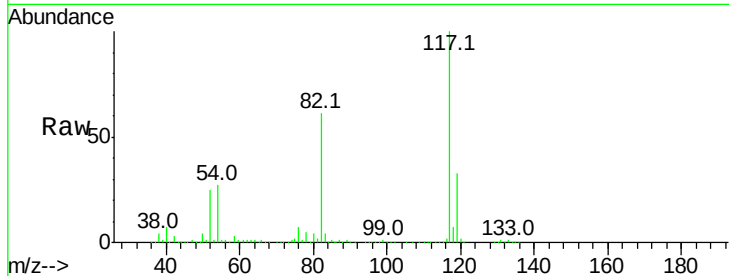


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:1
Ion Ratio
117 100
82 66.
119 32.

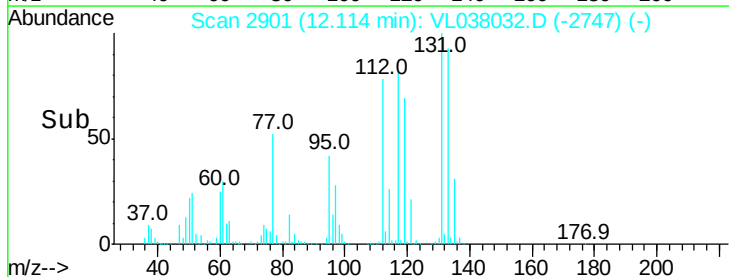
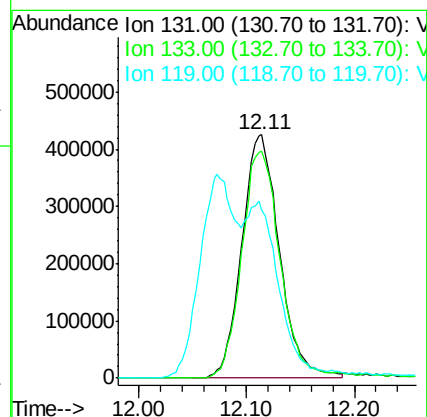
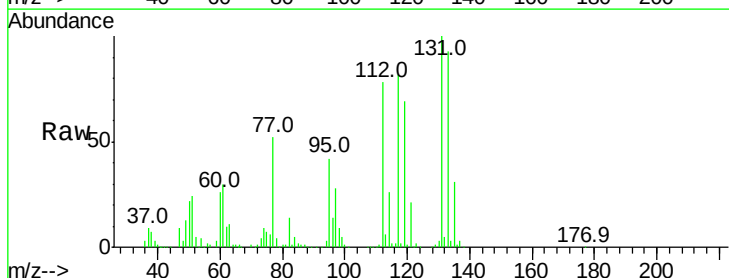
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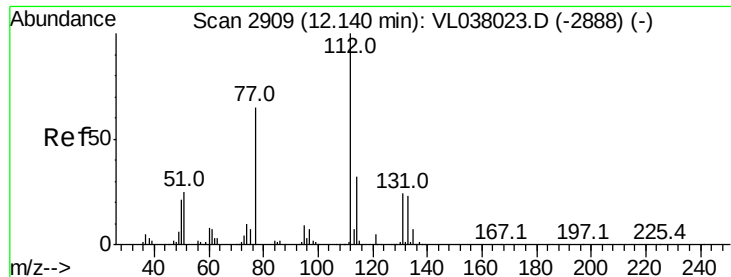
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.287 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion:131 Resp: 1032077
Ion Ratio Lower Upper
131 100
133 98.2 79.4 119.2
119 69.4 122.4 183.6#



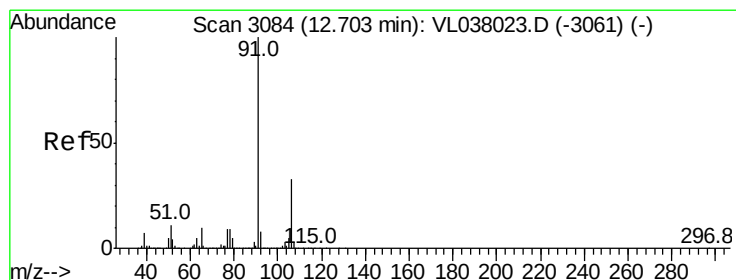
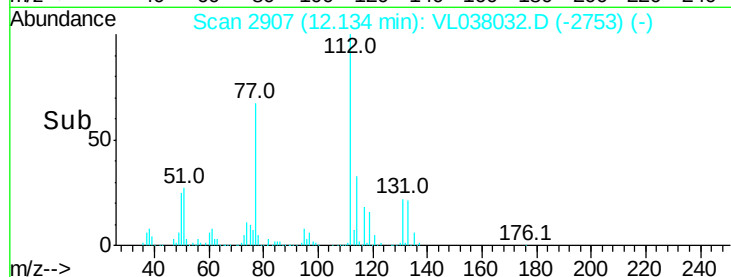
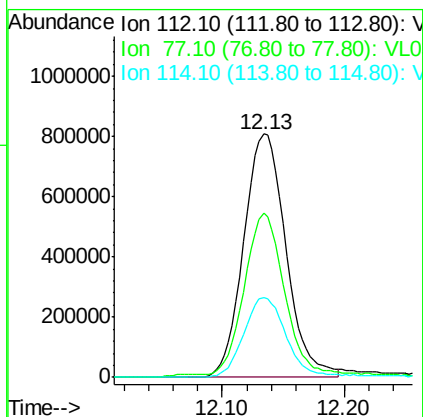
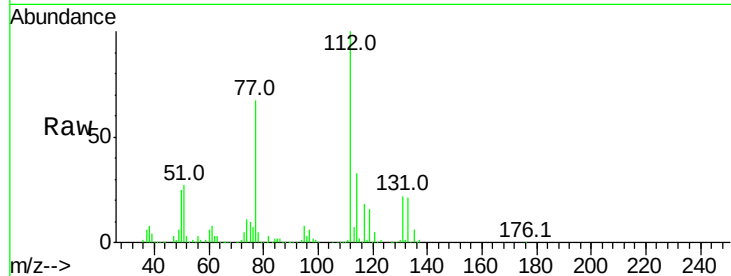


#57
Chlorobenzene
Concen: 9.277 ppbv
RT: 12.13
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 32.

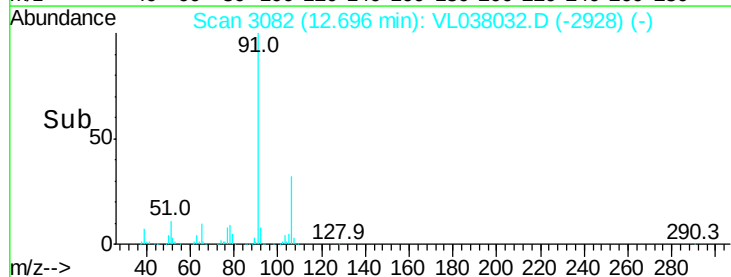
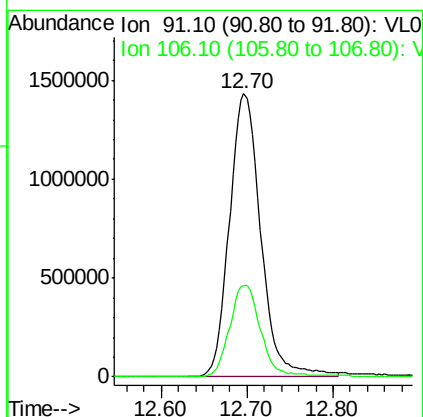
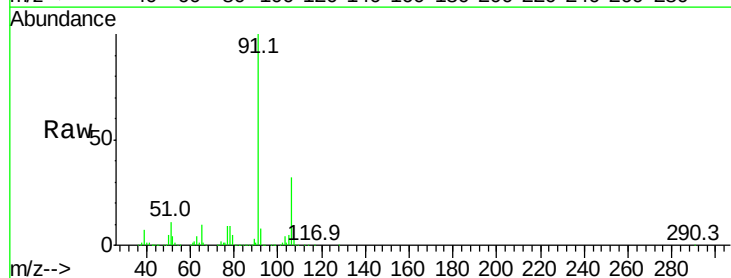
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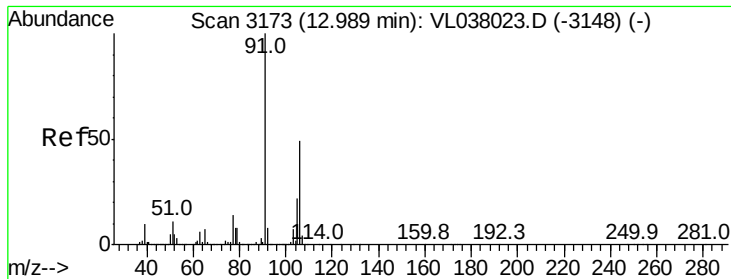
Reviewed By : Semsettin Yesilyurt 11/17/2021
Supervised By : Mahesh Dadoda 11/17/2021



#58
Ethyl Benzene
Concen: 9.386 ppbv
RT: 12.70 min Scan# 3082
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion: 91 Resp: 3628598
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



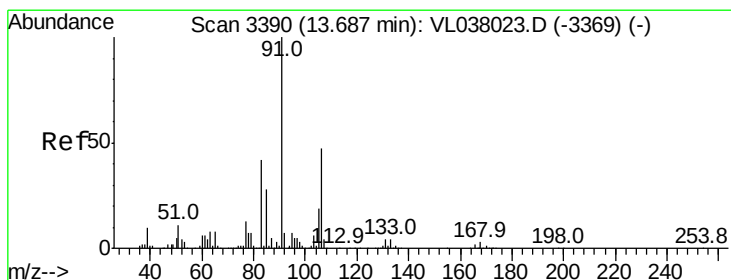
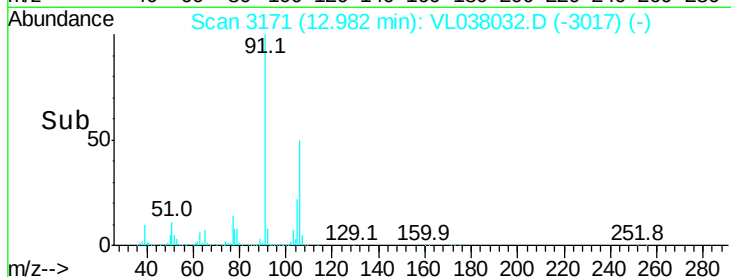
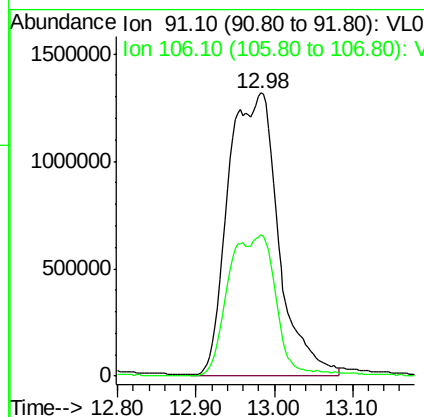
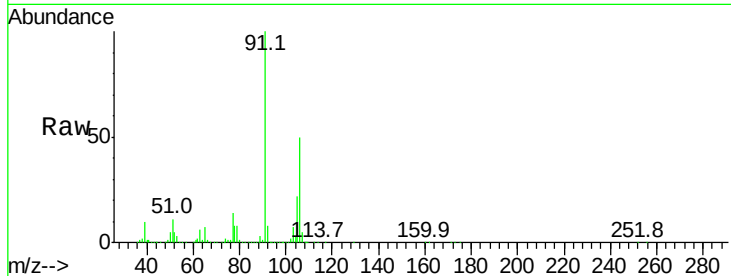


#59
m/p-Xylene
Concen: 18.185 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:
Ion Ratio
91 100
106 48.

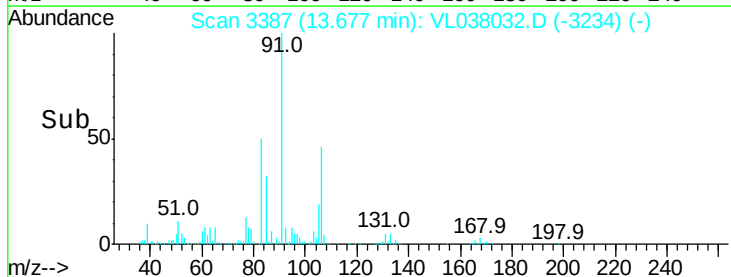
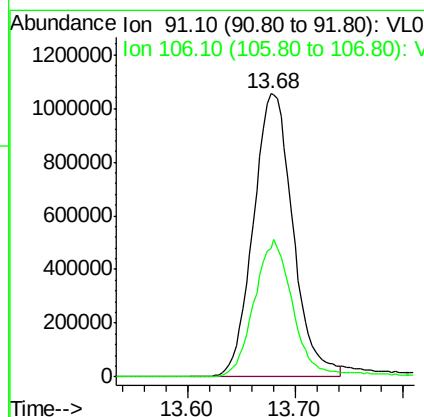
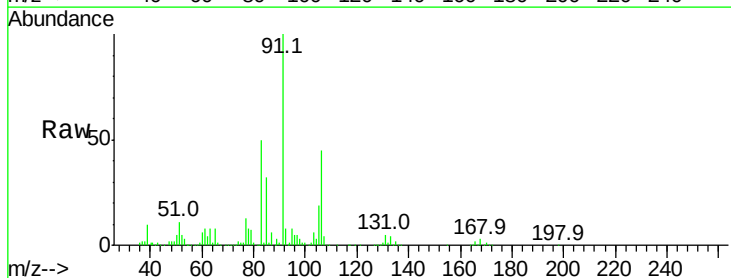
Manual Integrations
APPROVED

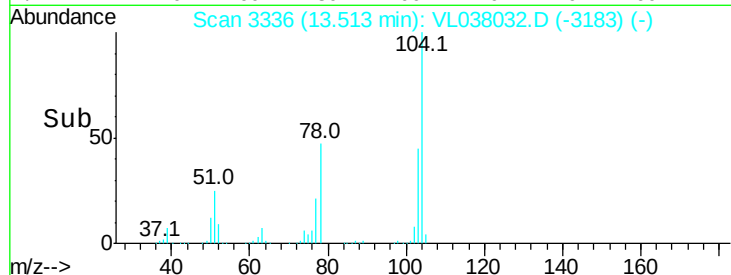
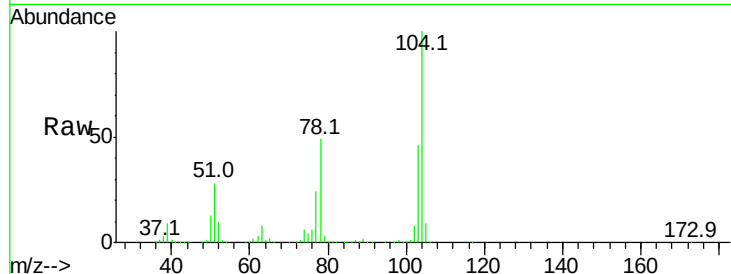
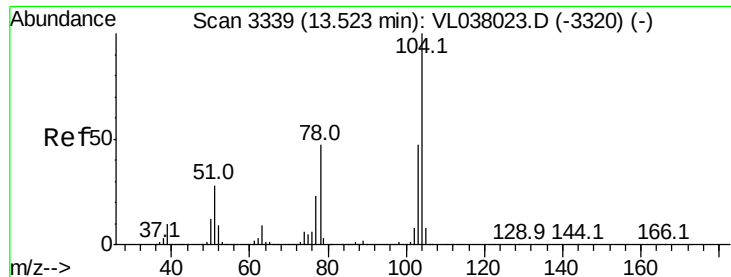
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 8.998 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion: 91 Resp: 2682859
Ion Ratio Lower Upper
91 100
106 48.9 24.4 73.2



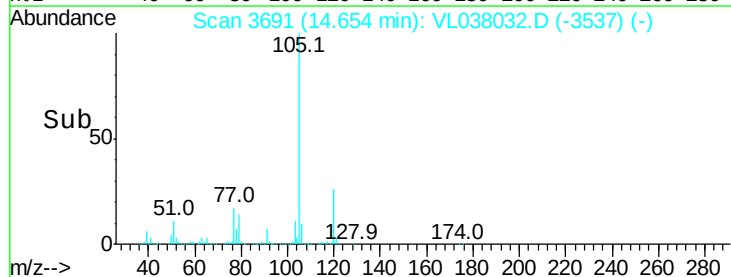
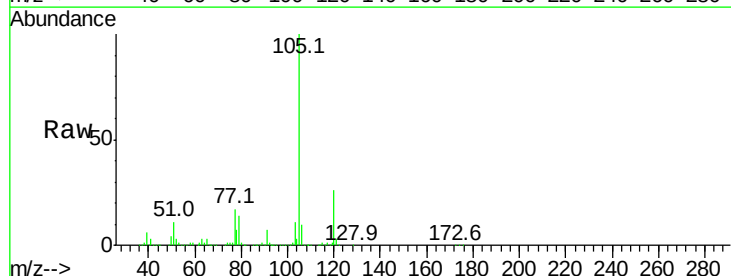
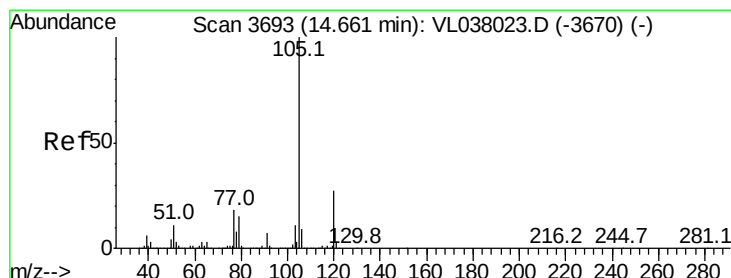
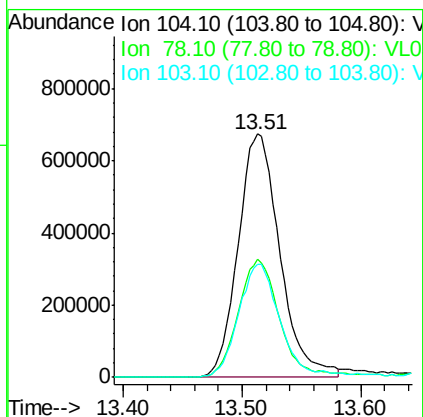


#61
Stvrene
Concen: 9.840 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL1116ABS01
Acq: 16 Nov 2021 8:47

Tot Ion:1
Ion Rati
104 100
78 49.
103 47.

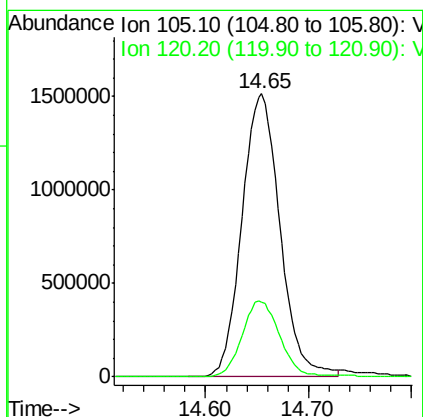
Manual Integrations
APPROVED

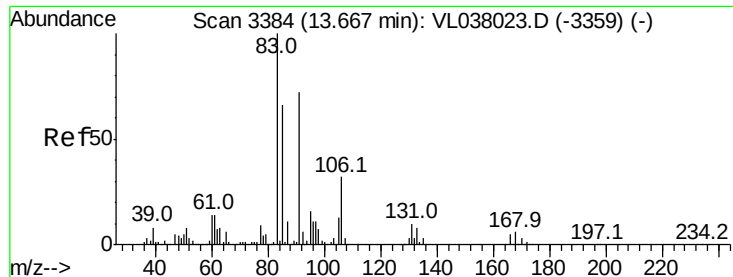
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
Isopropylbenzene
Concen: 9.015 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.01 min
Lab File: VL038032.D
Acq: 16 Nov 2021 8:47

Tgt Ion:105 Resp: 3886528
Ion Ratio Lower Upper
105 100
120 27.1 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 8.530 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

83 100

131 10.

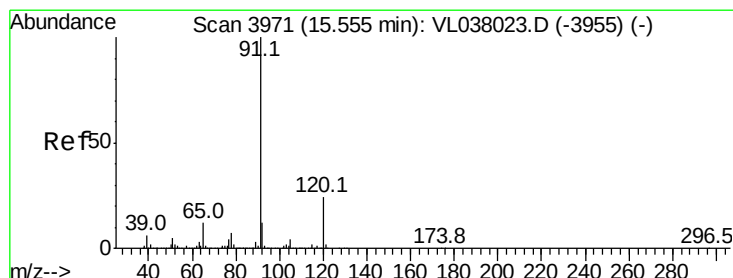
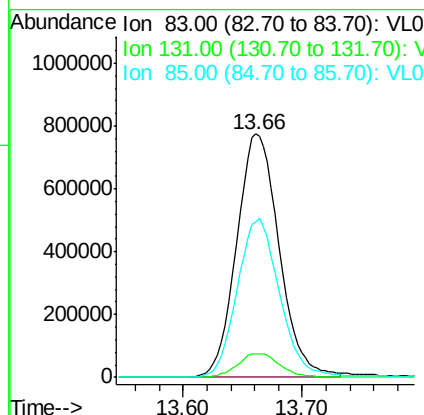
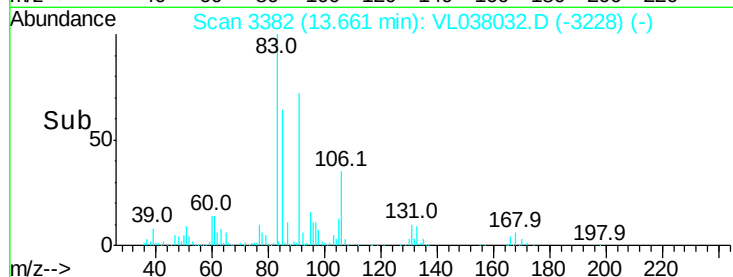
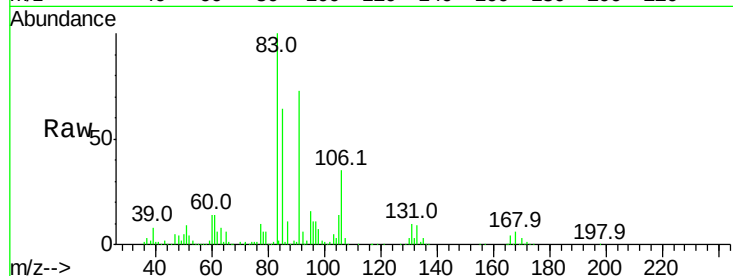
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 9.573 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. -0.01 min

Lab File: VL038032.D

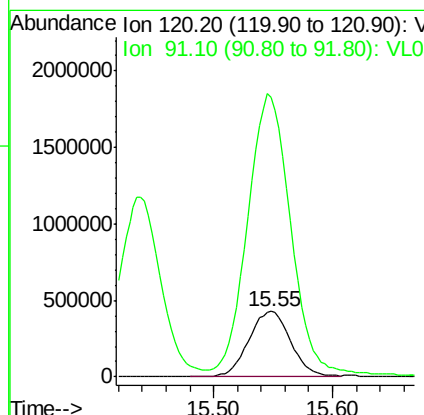
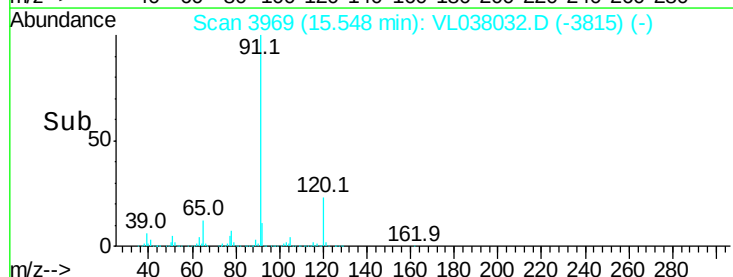
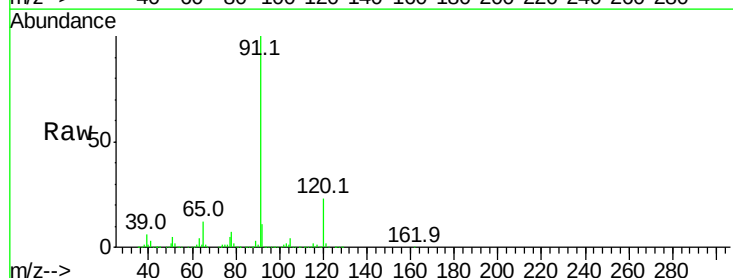
Acq: 16 Nov 2021 8:47

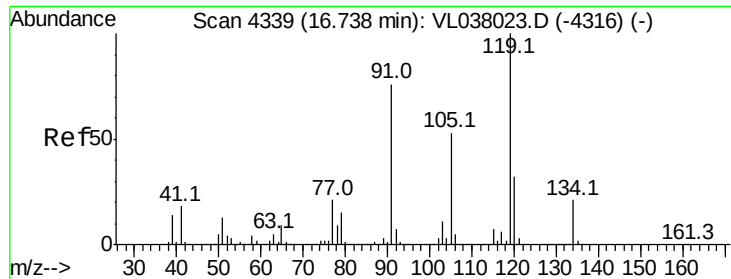
Tgt Ion:120 Resp: 1052084

Ion Ratio Lower Upper

120 100

91 446.2 366.7 550.1



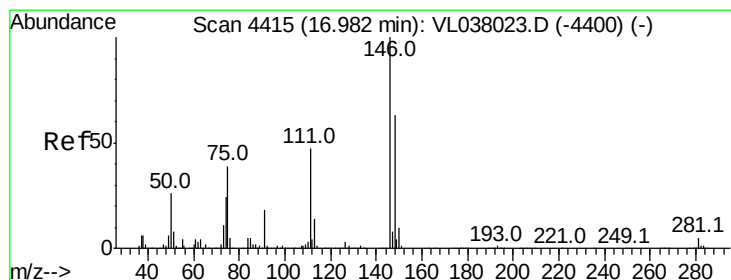
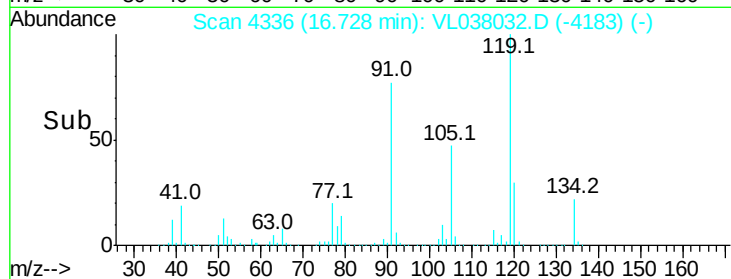
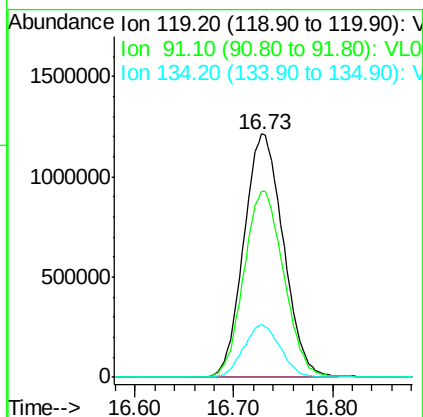
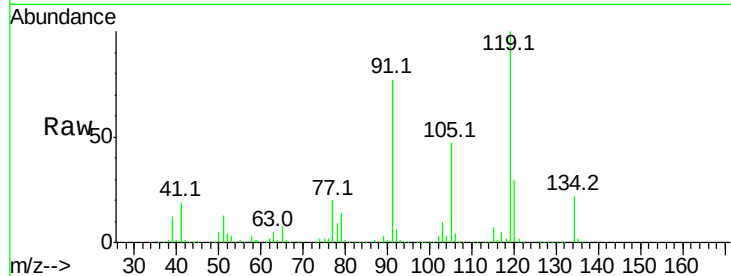


#65
 tert-Butylbenzene
 Concen: 8.861 ppbv
 RT: 16.73 min
 Delta R.T.: 0.01 min
 Lab File: VL1116ABS01
 Acq: 16 Nov 2021 8:47

Tot Ion: 1
 Ion Ratio
 119 100
 91 77.1
 134 20.0

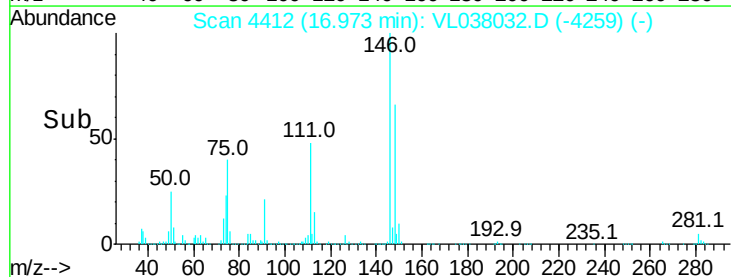
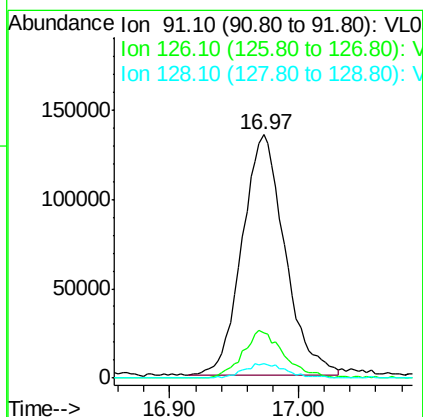
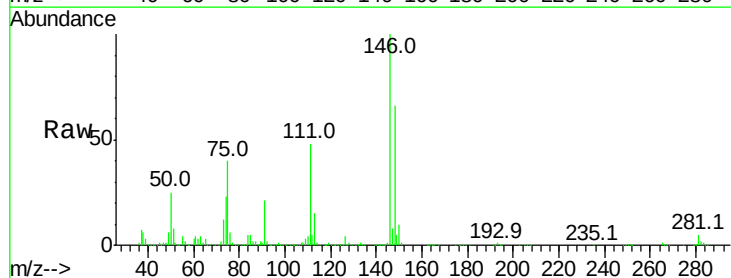
Manual Integrations
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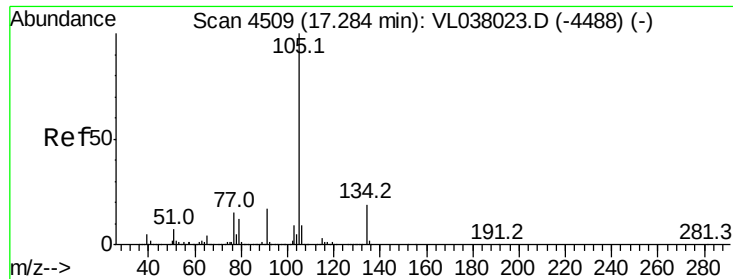
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#66
 Benzyl Chloride
 Concen: 11.772 ppbv
 RT: 16.97 min Scan# 4412
 Delta R.T.: -0.01 min
 Lab File: VL038032.D
 Acq: 16 Nov 2021 8:47

Tgt Ion: 91 Resp: 311015
 Ion Ratio Lower Upper
 91 100
 126 19.5 16.4 24.6
 128 6.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 9.024 ppbv

RT: 17.28

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:1

Ion Ratio

105 100

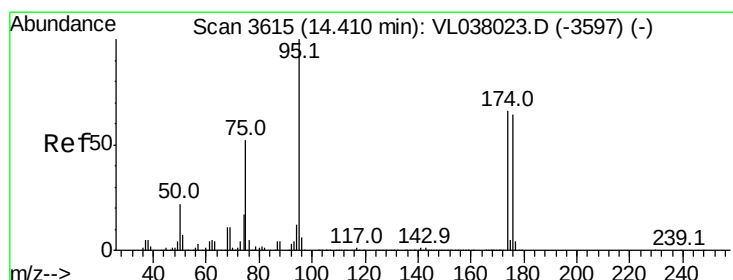
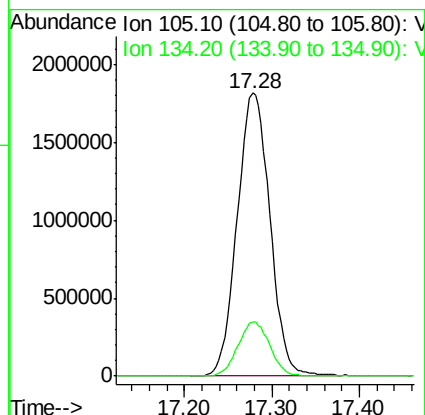
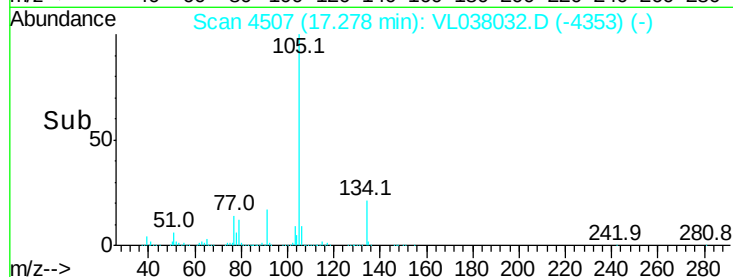
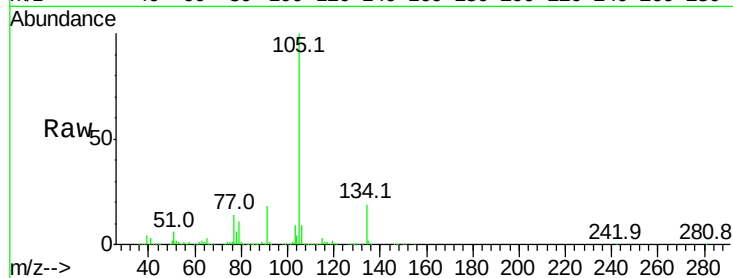
134 18.

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APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.791 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

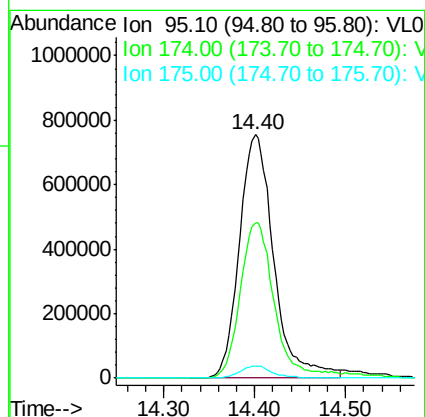
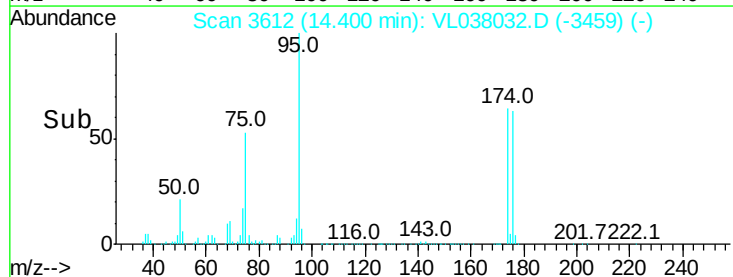
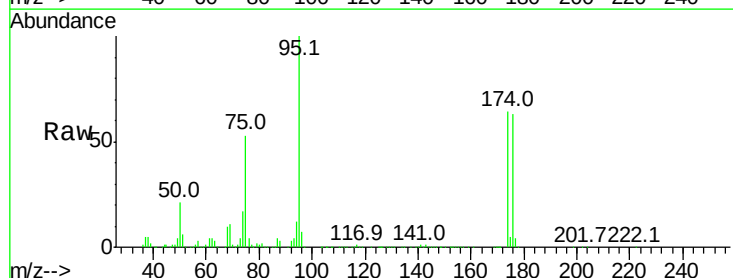
Tgt Ion: 95 Resp: 1984484

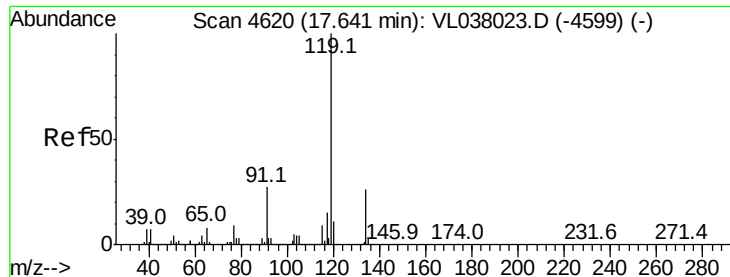
Ion Ratio Lower Upper

95 100

174 65.4 55.0 82.6

175 5.0 4.2 6.2





#69

p-Isopropyltoluene

Concen: 9.242 ppbv

RT: 17.64

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:1

Ion Rati

119 100

134 25.

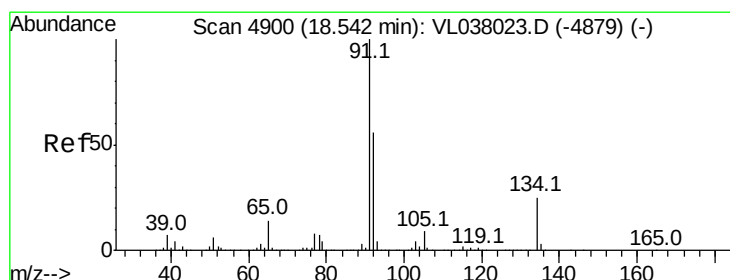
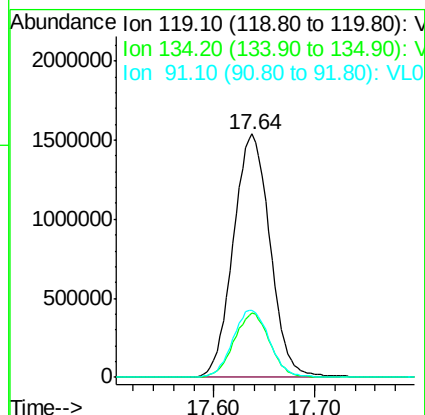
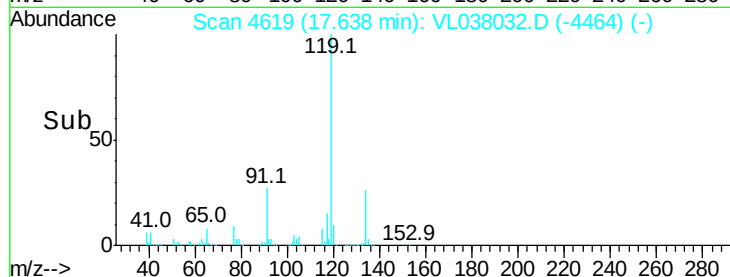
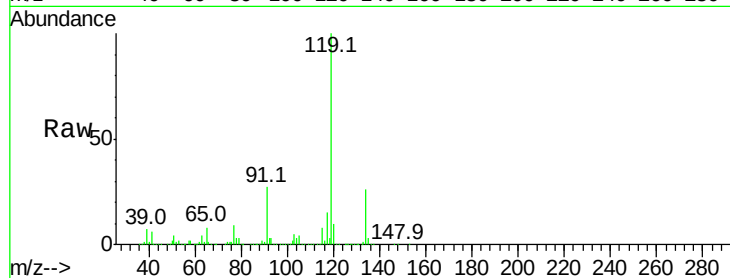
91 27.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#70

n-Butylbenzene

Concen: 9.779 ppbv

RT: 18.54 min Scan# 4898

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

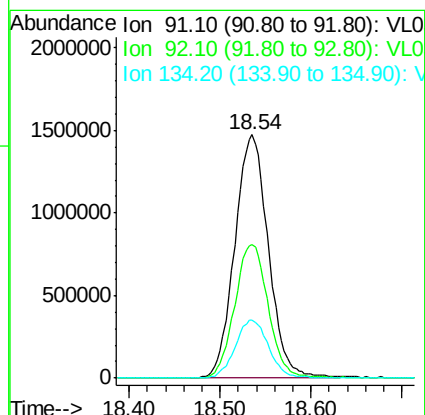
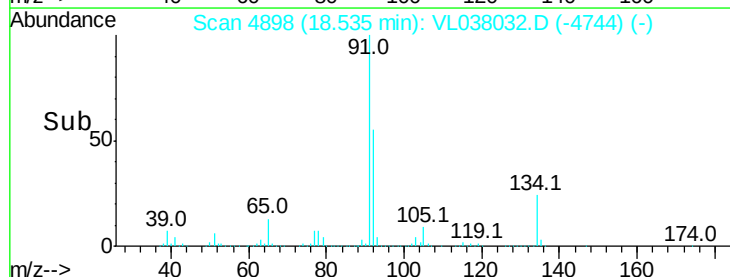
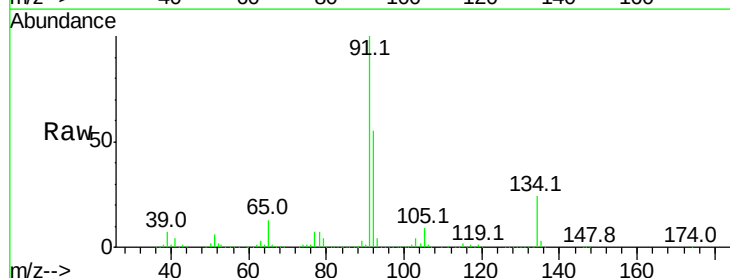
Tgt Ion: 91 Resp: 3776702

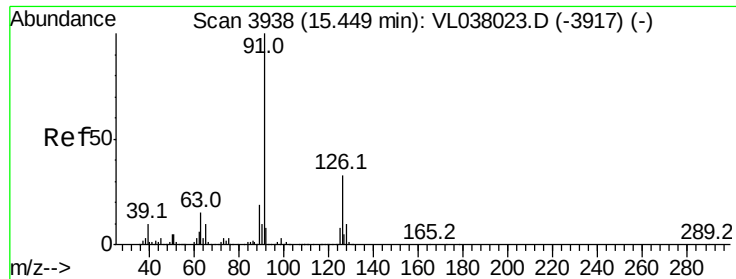
Ion Ratio Lower Upper

91 100

92 55.3 44.4 66.6

134 24.1 19.7 29.5





#71

2-Chlorotoluene

Concen: 9.453 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:

Ion Ratio

91 100

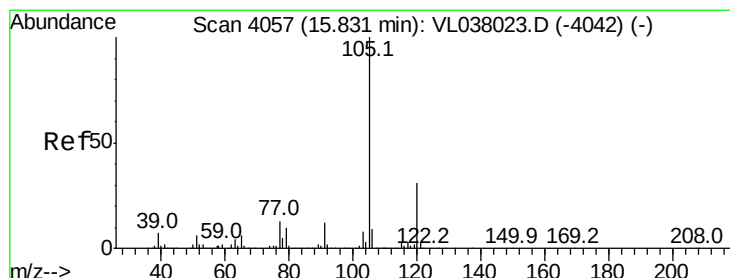
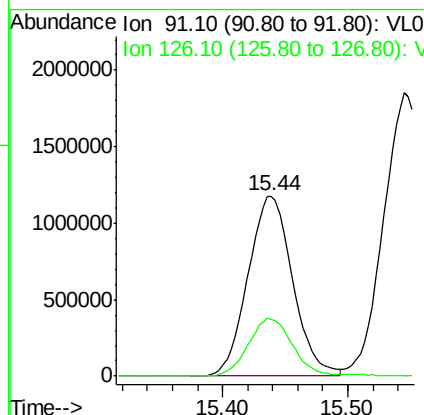
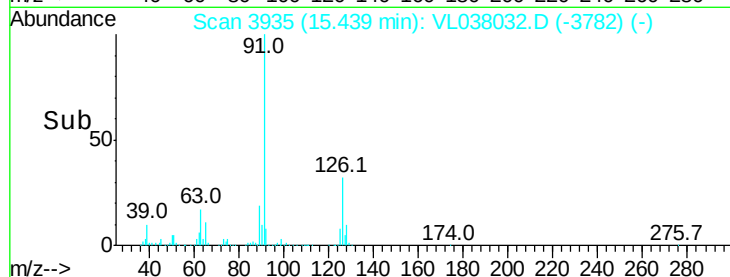
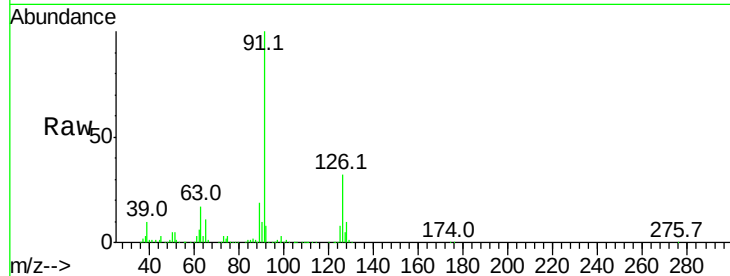
126 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#72

4-Ethyltoluene

Concen: 9.500 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion:105 Resp: 3377697

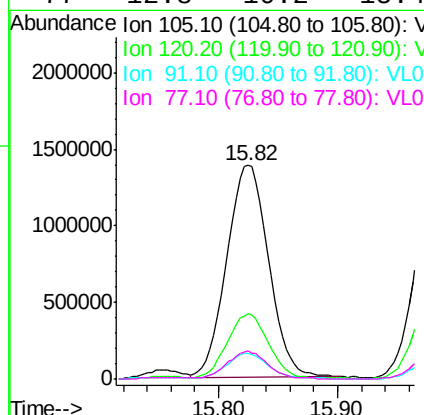
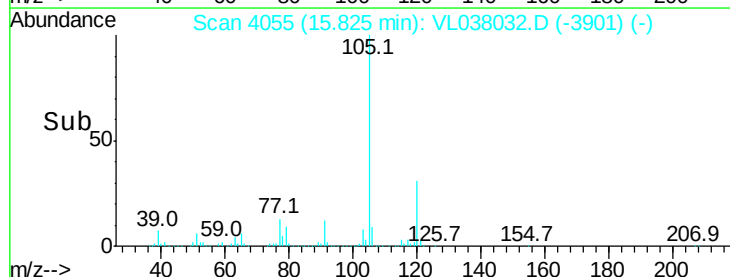
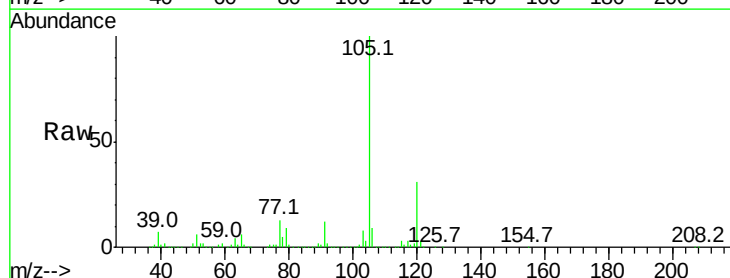
Ion Ratio Lower Upper

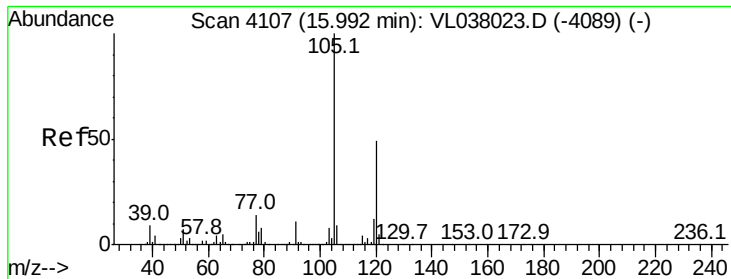
105 100

120 31.0 24.7 37.1

91 12.9 9.3 13.9

77 12.8 10.2 15.4





#73

1,3,5-Trimethylbenzene

Concen: 9.240 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:1

Ion Rati

105 100

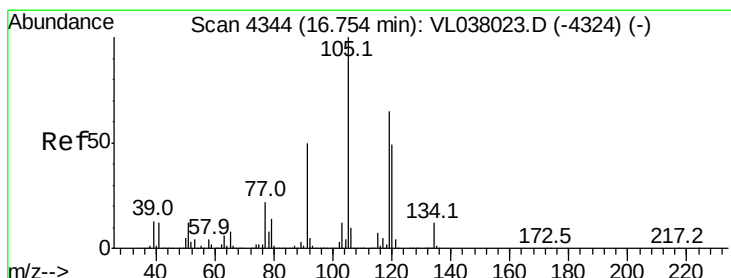
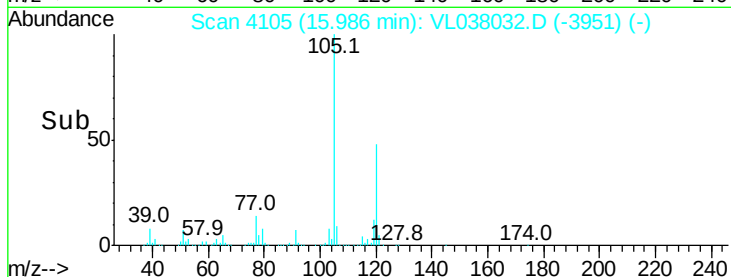
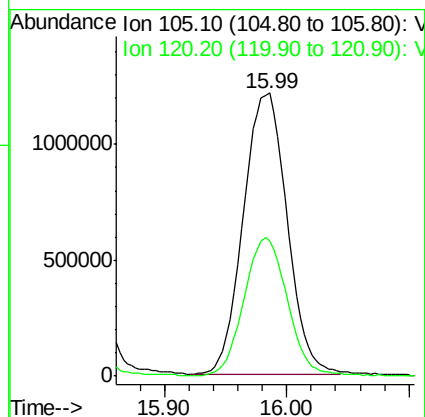
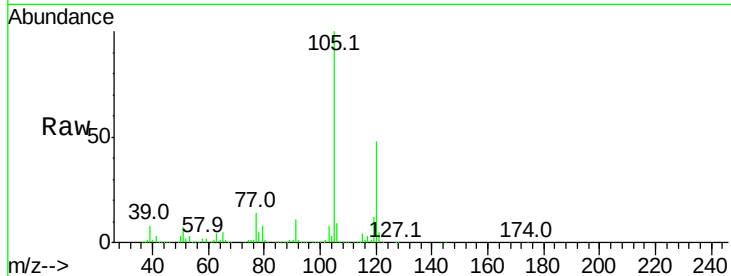
120 47.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.276 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion:105 Resp: 3037123

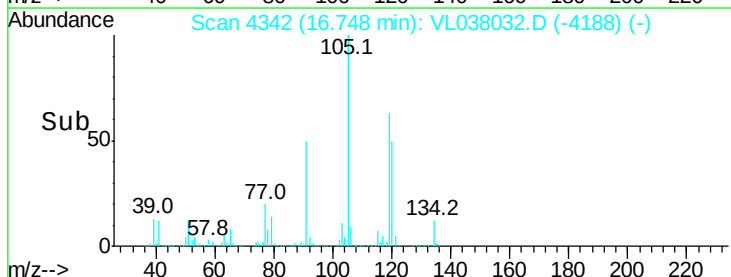
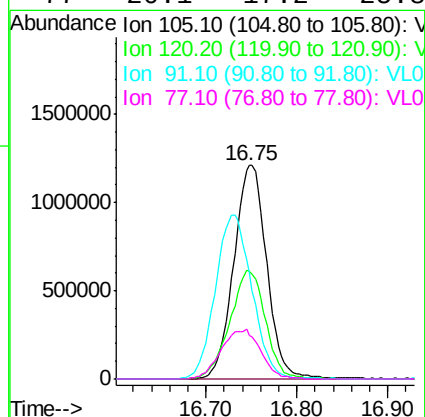
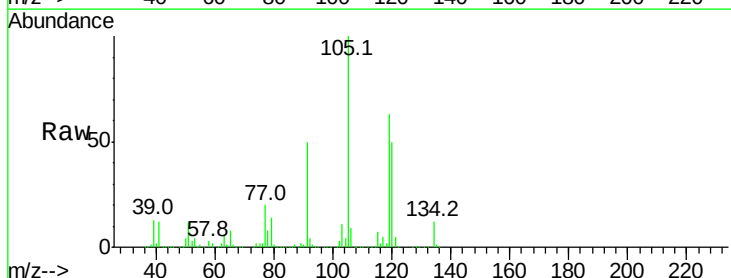
Ion Ratio Lower Upper

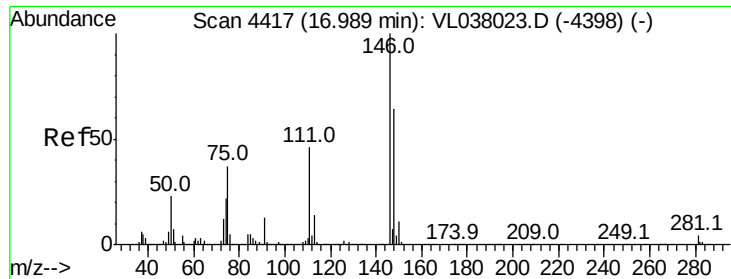
105 100

120 50.3 39.5 59.3

91 49.6 40.9 61.3

77 20.1 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.006 ppbv

RT: 16.98

Delta R.T. MSVOA_L

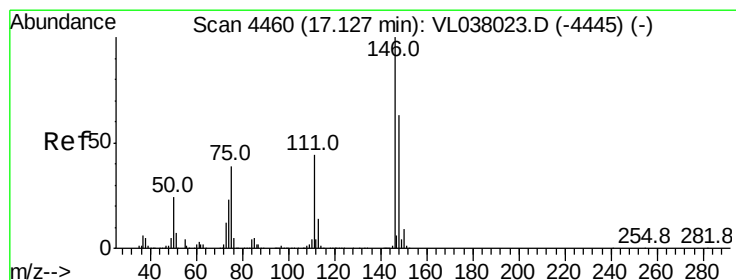
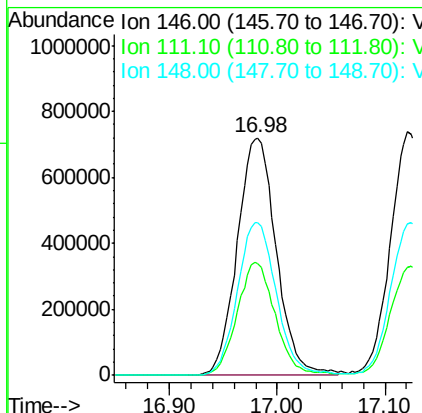
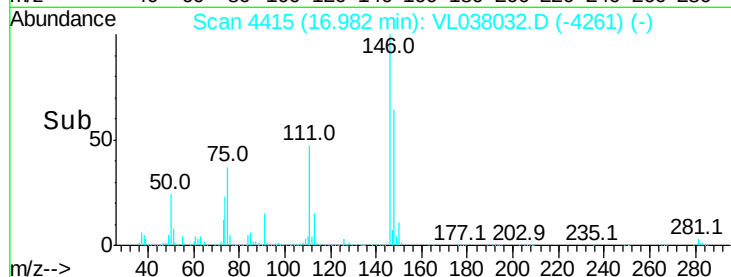
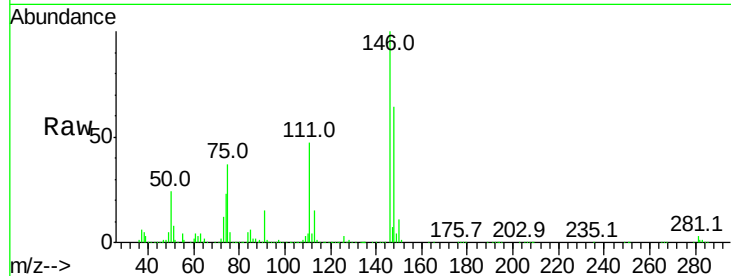
Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:1
Ion Rati
146 100
111 46.
148 64.

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



#76

1,4-Dichlorobenzene

Concen: 9.587 ppbv

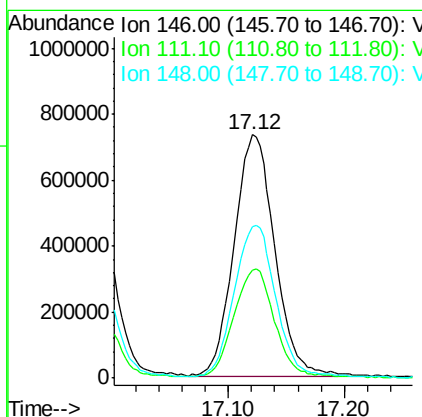
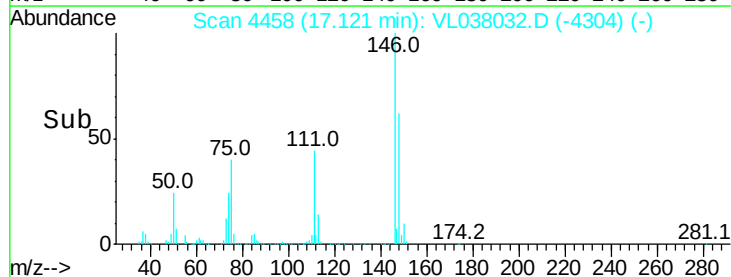
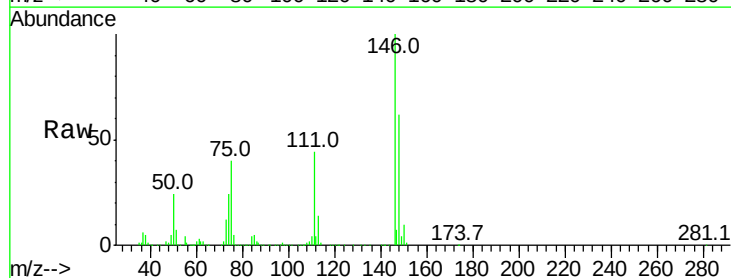
RT: 17.12 min Scan# 4458

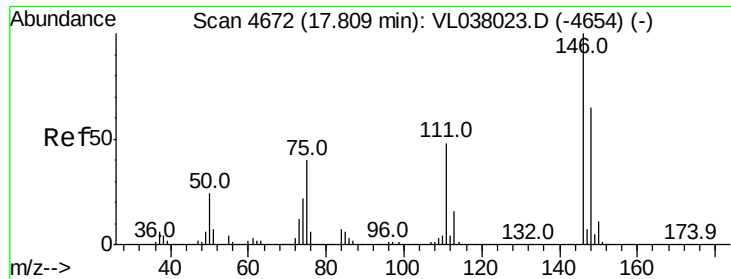
Delta R.T. -0.01 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

Tgt Ion:146 Resp: 1774789
Ion Ratio Lower Upper
146 100
111 46.3 22.4 67.2
148 65.6 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 9.947 ppbv

RT: 17.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:47

Tot Ion:1

Ion Rati

146 100

111 48.

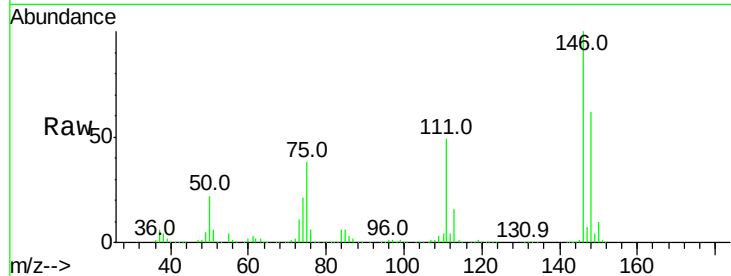
148 63.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

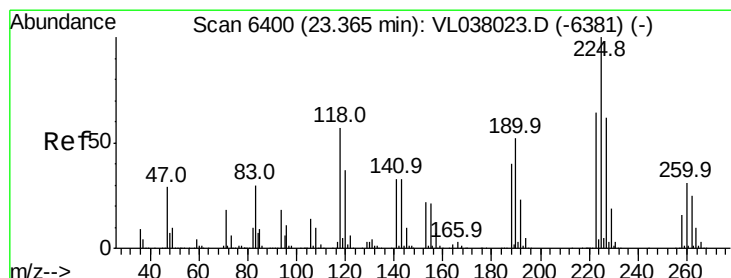
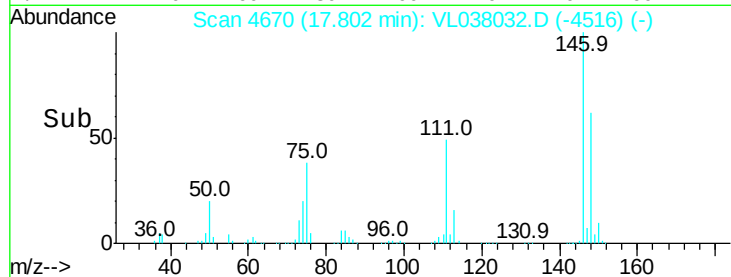
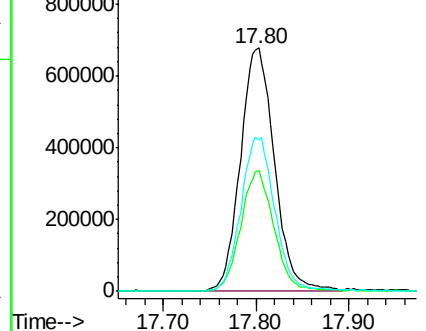
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 8.302 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. -0.00 min

Lab File: VL038032.D

Acq: 16 Nov 2021 8:47

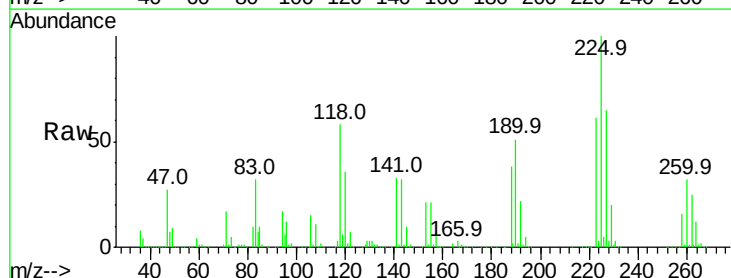
Tgt Ion:225 Resp: 933118

Ion Ratio Lower Upper

225 100

223 64.4 51.0 76.4

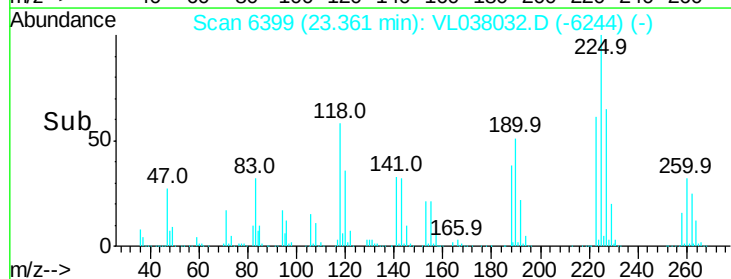
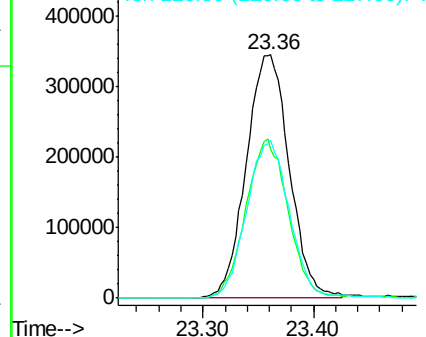
227 64.9 51.4 77.2

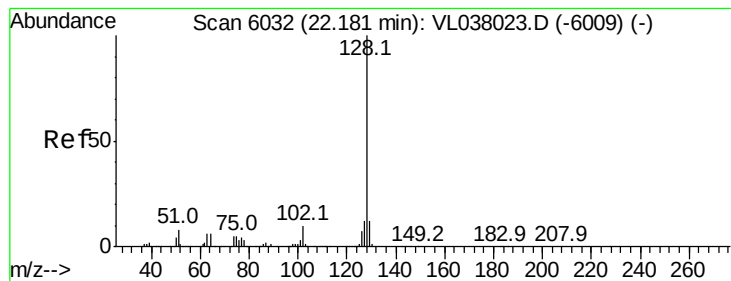


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 10.301 ppbv

RT: 22.18

Delta R.T. MSVOA_L

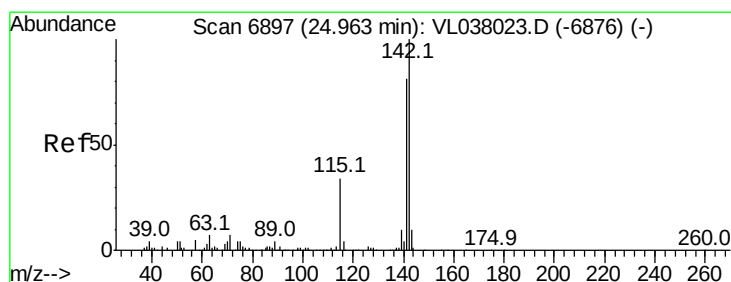
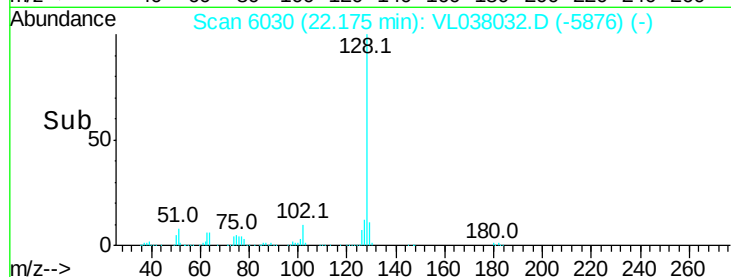
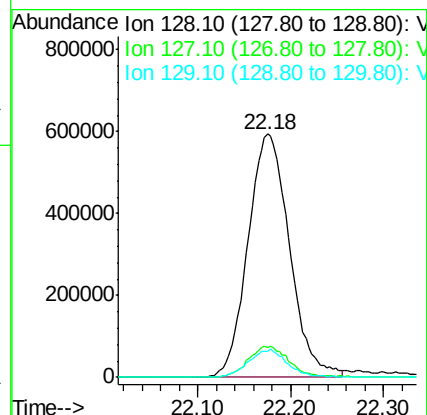
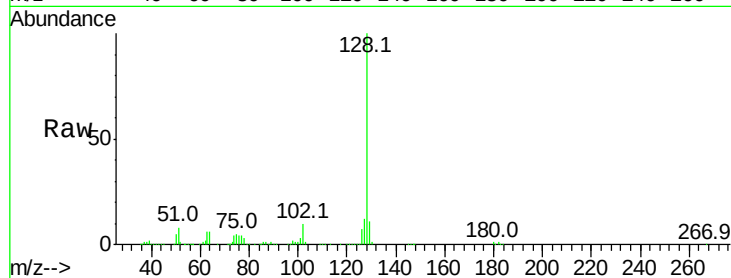
Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:47

Tot Ion:1
Ion Rati
128 100
127 12.
129 10.

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



#80

Naphthalene, 2-methyl-

Concen: 12.704 ppbv

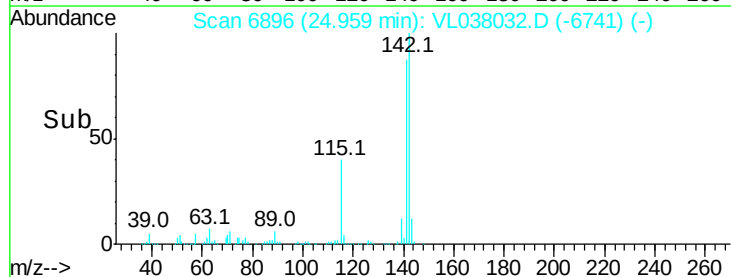
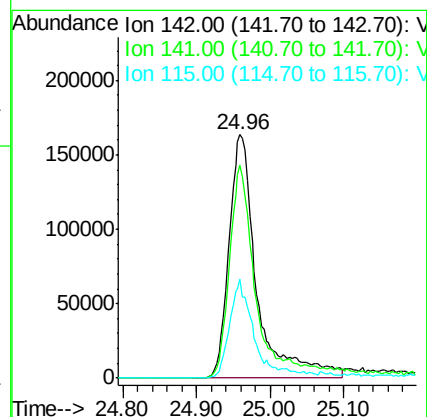
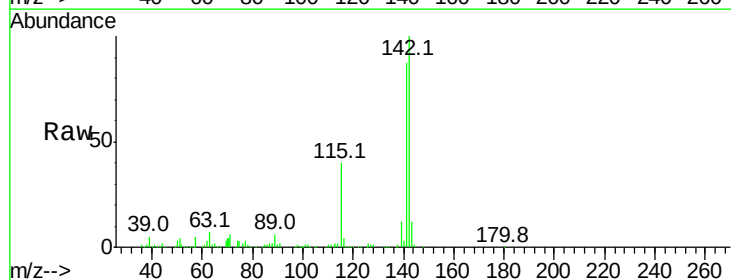
RT: 24.96 min Scan# 6896

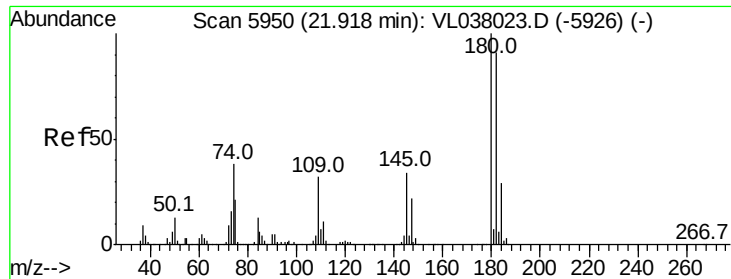
Delta R.T. -0.00 min

Lab File: VL038032.D

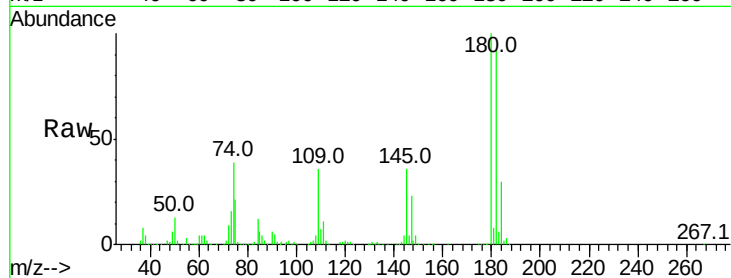
Acq: 16 Nov 2021 8:47

Tgt Ion:142 Resp: 430858
Ion Ratio Lower Upper
142 100
141 88.5 76.2 114.4
115 35.6 29.2 43.8





#81
 1,2,4-Trichlorobenzene
 Concen: 9.876 ppbv
 RT: 21.90
 Delta R.T.
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8.47



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

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

