

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038025.D
 Acq On : 16 Nov 2021 3:06
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 09:50:12 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	5.67	49	828149	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3150843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3006219	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2116561	9.80	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	193325	1.553 ppbv	92
3) Chlorodifluoromethane	2.99	51	232799	1.416 ppbv	100
4) Chloromethane	3.15	50	82862	1.338 ppbv	100
5) Vinyl Chloride	3.26	62	76061	1.291 ppbv	93
6) Bromomethane	3.48	94	39683	1.246 ppbv	94
7) Chloroethane	3.56	64	26907m	1.258 ppbv	
8) Dichlorotetrafluoroethane	3.19	85	194372	1.376 ppbv	99
9) Propene	3.02	41	88066	1.470 ppbv	99
10) Heptane	8.12	43	213906	1.549 ppbv	100
11) Trichlorofluoromethane	3.95	101	175965	1.424 ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	138003	1.430 ppbv	96
13) Ethanol	3.63	45	8391m	1.441 ppbv	
14) Bromoethene	3.74	108	58959m	1.422 ppbv	
15) Acetone	3.87	43	104900m	1.445 ppbv	
16) 1,3-Butadiene	3.33	39	80651m	1.415 ppbv	
17) tert-Butyl alcohol	4.31	59	155772m	1.884 ppbv	
18) 1,1-Dichloroethene	4.29	96	61796m	1.384 ppbv	
19) Isopropyl Alcohol	4.00	45	87545m	1.834 ppbv	
20) Methylene Chloride	4.35	84	63256m	1.588 ppbv	
21) Allyl Chloride	4.41	41	108686m	1.583 ppbv	
22) trans-1,2-Dichloroethene	4.88	96	63921m	1.423 ppbv	
23) Vinyl Acetate	5.08	43	152292	1.342 ppbv #	97
24) 1,1-Dichloroethane	5.01	63	132522	1.439 ppbv	99
25) Ethyl Acetate	5.68	43	249626	1.214 ppbv #	94
26) Hexane	5.69	57	127687	1.304 ppbv	97
27) Carbon Disulfide	4.56	76	155782	1.503 ppbv #	91
28) Methyl tert-Butyl Ether	5.05	73	156110	1.687 ppbv	99
29) Chloroform	5.75	83	198832	1.324 ppbv	95
30) Cyclohexane	7.12	84	136352	1.526 ppbv #	73
31) cis-1,2-Dichloroethene	5.55	61	94765	1.077 ppbv	91
32) 1,1,1-Trichloroethane	6.51	97	226589	1.511 ppbv	100
34) 2-Butanone	5.26	43	118282m	1.045 ppbv	
35) Carbon Tetrachloride	7.01	117	225870m	1.170 ppbv	
36) Benzene	6.89	78	323636	1.244 ppbv	98
37) 1,2-Dichloroethane	6.30	62	149173	1.200 ppbv	98
38) Trichloroethene	7.83	130	123122	1.156 ppbv	92
39) 1,2-Dichloropropane	7.61	63	120676	1.217 ppbv	98
40) 1,4-Dioxane	7.85	88	35989m	1.412 ppbv	
41) Tetrahydrofuran	6.07	42	74516	1.254 ppbv	93
42) Bromodichloromethane	7.78	83	233638	1.236 ppbv	90
43) Methyl Methacrylate	8.01	69	116209	1.345 ppbv	99

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 Data File : VL038025.D
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 Sample : VSTDIC001
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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 09:50:12 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	7.86	57	581638	1.320	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	90179	1.376	ppbv	95
46) cis-1,3-Dichloropropene	8.70	75	116063	1.316	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	124972	1.141	ppbv	93
48) Dibromochloromethane	10.30	129	206303	1.314	ppbv	99
49) Bromoform	13.03	173	158088	1.282	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	201175m	1.289	ppbv	
51) 2-Hexanone	10.16	43	89984m	1.335	ppbv	
52) Tetrachloroethene	11.22	164	116821	1.197	ppbv	96
53) Toluene	9.80	91	386875	1.385	ppbv	100
54) 1,2-Dibromoethane	10.60	107	180103	1.267	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	145446	1.202	ppbv #	1
57) Chlorobenzene	12.14	112	270353	1.138	ppbv	97
58) Ethyl Benzene	12.70	91	500844	1.356	ppbv	99
59) m/p-Xylene	12.99	91	863640m	2.664	ppbv	
60) o-Xylene	13.68	91	405437	1.329	ppbv	99
61) Styrene	13.52	104	212863	1.481	ppbv	96
62) Isopropylbenzene	14.66	105	573790	1.316	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	280780	1.070	ppbv	99
64) n-propylbenzene	15.55	120	143202	1.291	ppbv	88
65) tert-Butylbenzene	16.73	119	522213	1.364	ppbv	100
66) Benzyl Chloride	16.98	91	32370m	1.555	ppbv	
67) sec-Butylbenzene	17.29	105	711304	1.349	ppbv	98
69) p-Isopropyltoluene	17.64	119	576853	1.366	ppbv	98
70) n-Butylbenzene	18.54	91	511567	1.320	ppbv	99
71) 2-Chlorotoluene	15.45	91	420823m	1.383	ppbv	
72) 4-Ethyltoluene	15.83	105	468828	1.327	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	423692	1.291	ppbv	94
74) 1,2,4-Trimethylbenzene	16.75	105	450862	1.319	ppbv	93
75) 1,3-Dichlorobenzene	16.99	146	241679m	1.140	ppbv	
76) 1,4-Dichlorobenzene	17.13	146	244257m	1.187	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	230513	1.159	ppbv	98
78) Hexachloro-1,3-Butadiene	23.36	225	158399	0.964	ppbv	99
79) Naphthalene	22.19	128	220636	1.171	ppbv #	94
80) Naphthalene, 2-methyl-	24.98	142	26349	0.813	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	132881m	1.085	ppbv	

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

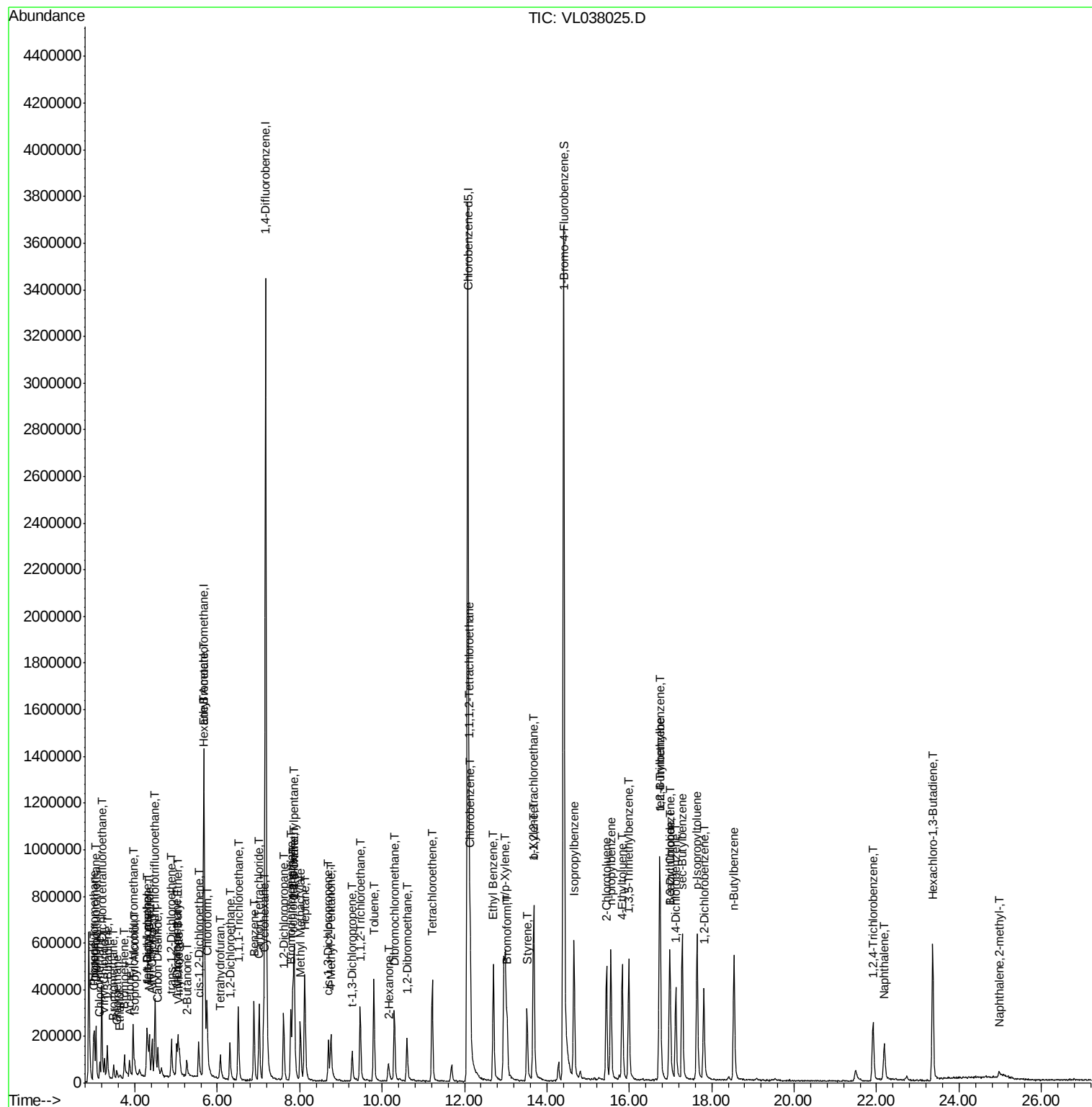
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111621\
Data File : VL038025.D
Acq On : 16 Nov 2021 3:06
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

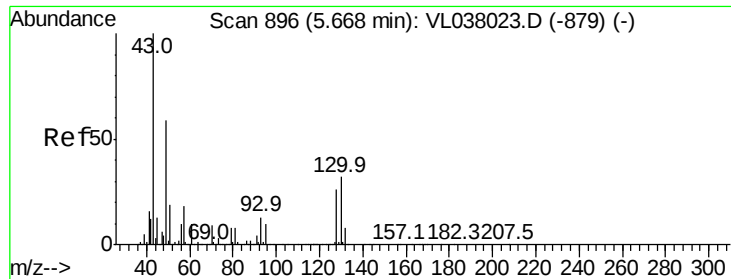
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Quant Time: Nov 16 09:50:12 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111621
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC001

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

49 100

128 48.

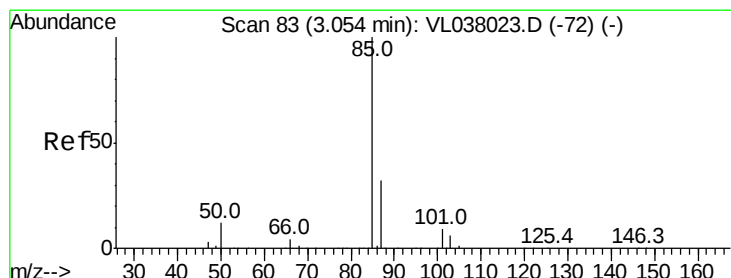
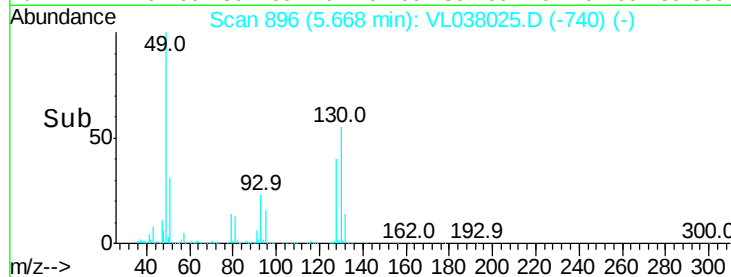
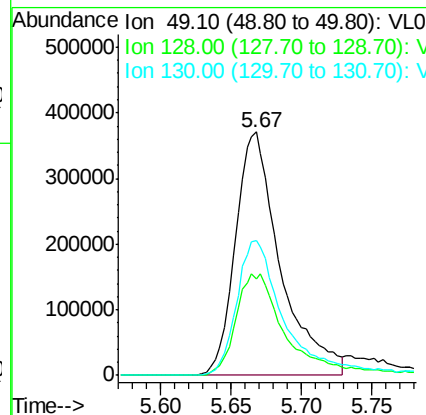
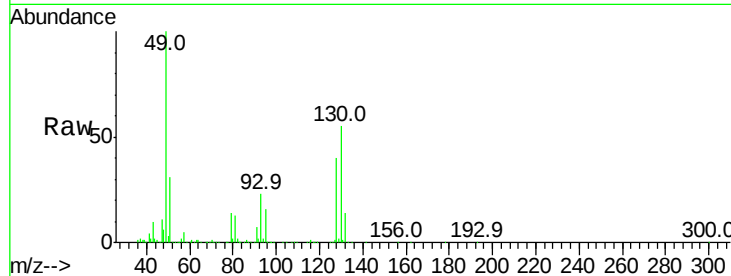
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 1.553 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.00 min

Lab File: VL038025.D

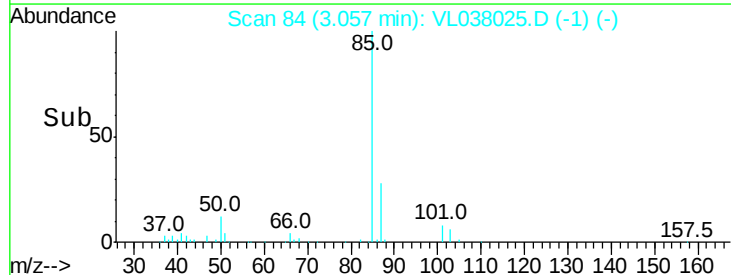
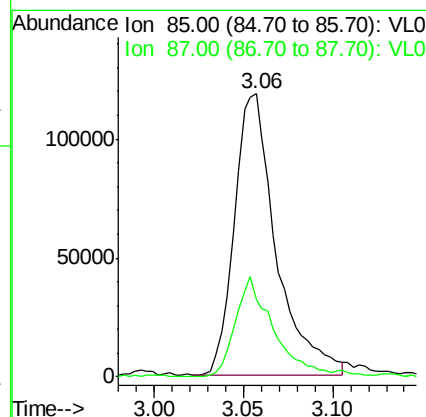
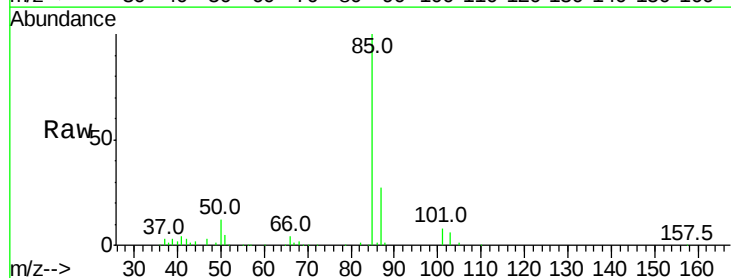
Acq: 16 Nov 2021 3:06

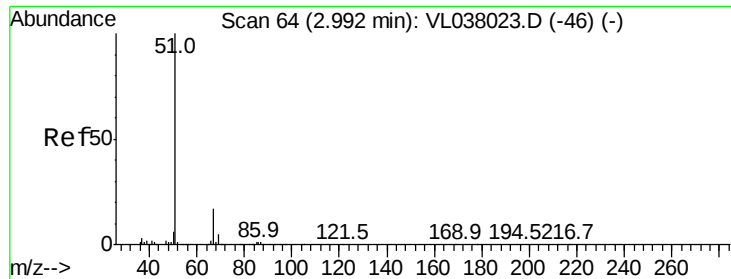
Tgt Ion: 85 Resp: 193325

Ion Ratio Lower Upper

85 100

87 27.7 25.9 38.9





#3

Chlorodifluoromethane

Concen: 1.416 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

51 100

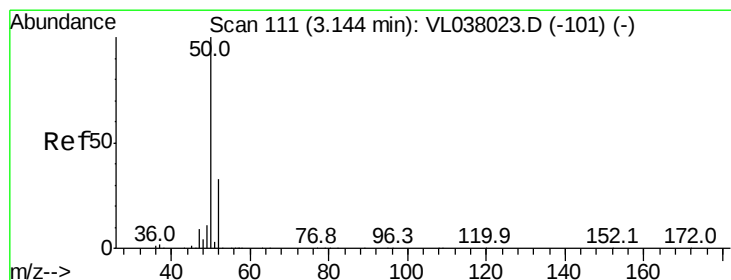
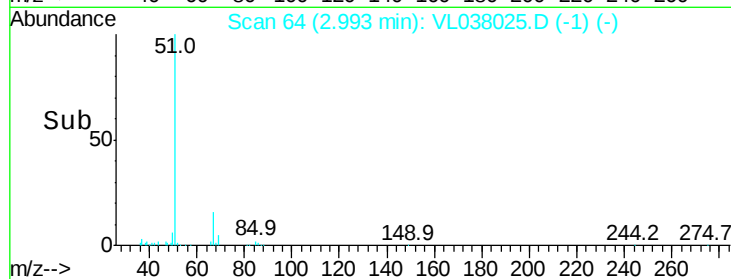
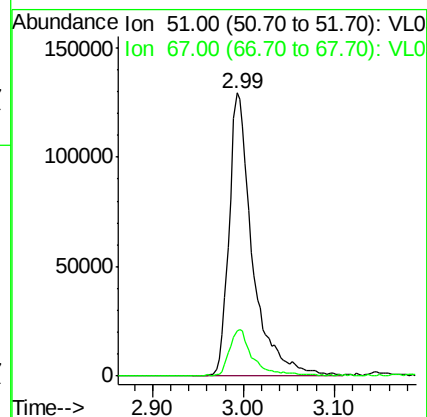
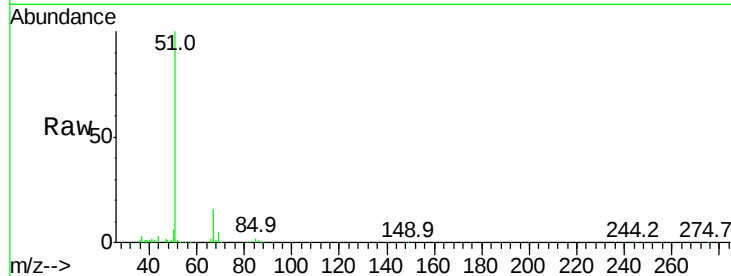
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 1.338 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL038025.D

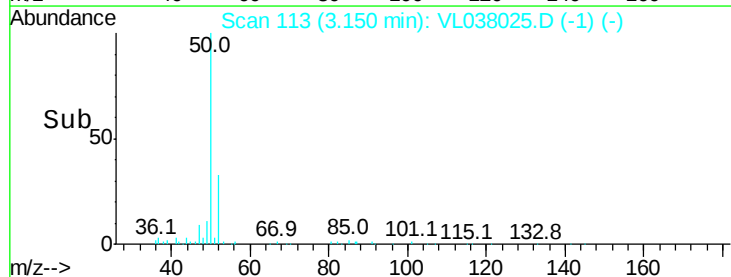
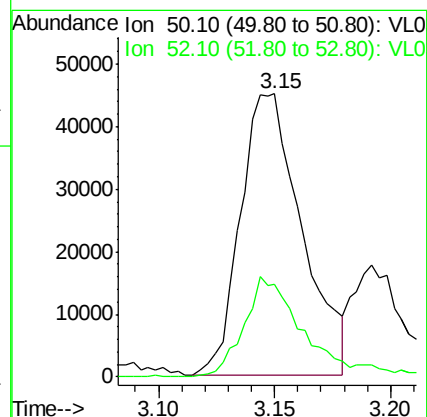
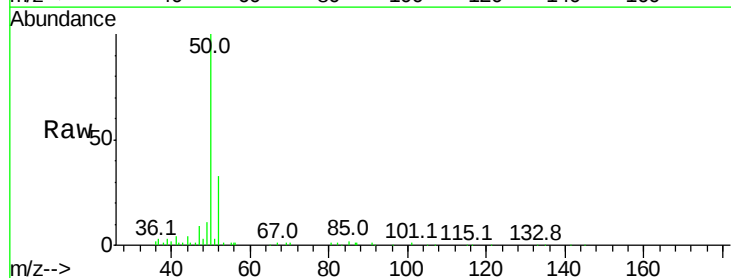
Acq: 16 Nov 2021 3:06

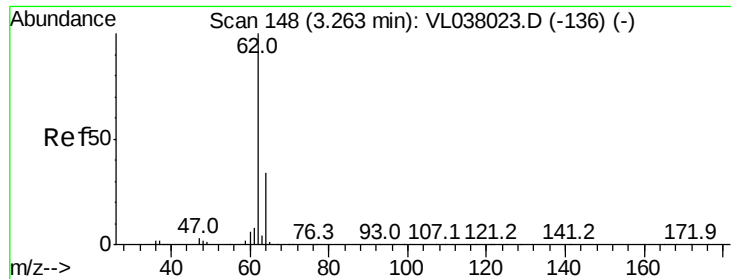
Tgt Ion: 50 Resp: 82862

Ion Ratio Lower Upper

50 100

52 32.9 26.4 39.6





#5

Vinyl Chloride

Concen: 1.291 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00 VSTDIC001

Tot Ion:

Ion Ratio

62 100

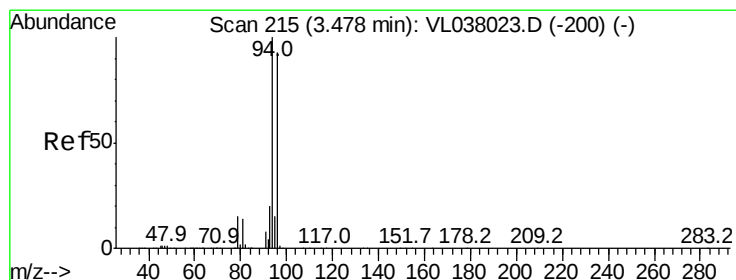
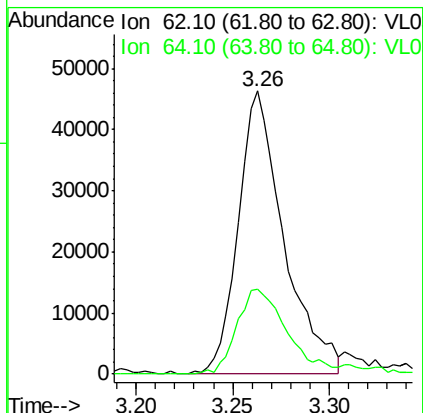
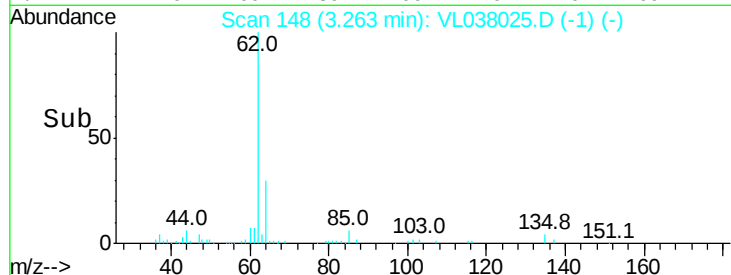
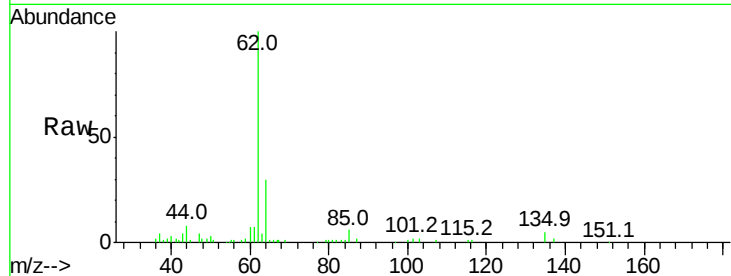
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 1.246 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.00 min

Lab File: VL038025.D

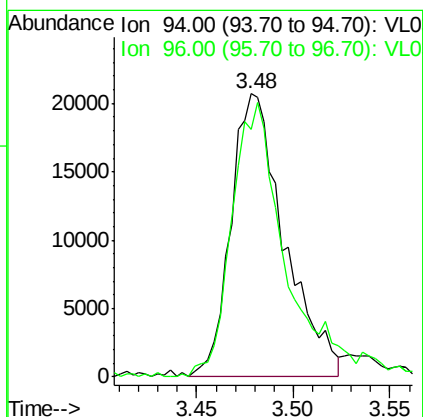
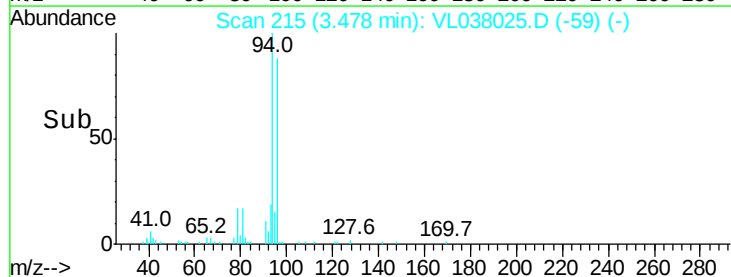
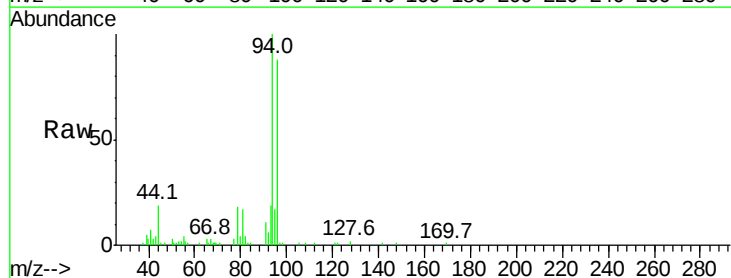
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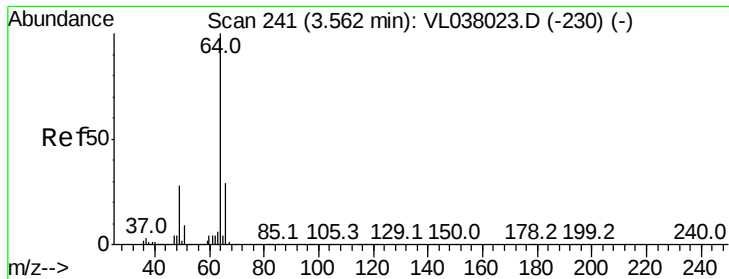
Tgt Ion: 94 Resp: 39683

Ion Ratio Lower Upper

94 100

96 87.6 74.8 112.2





#7

Chloroethane

Concen: 1.258 ppbv m

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 VSTDIC001

Tot Ion:

Ion Ratio

64 100

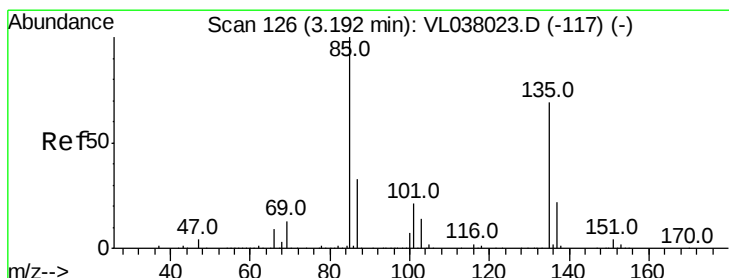
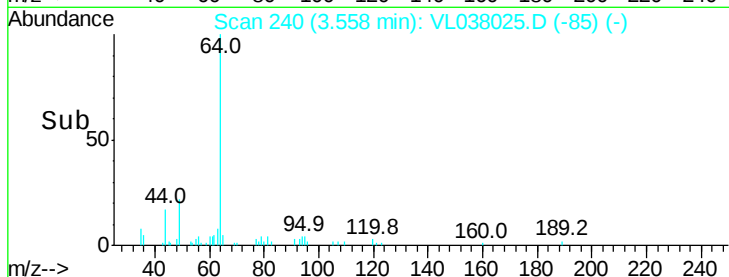
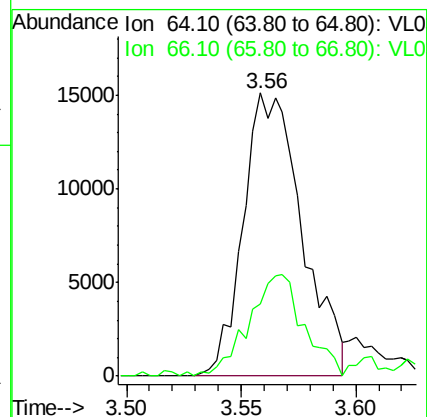
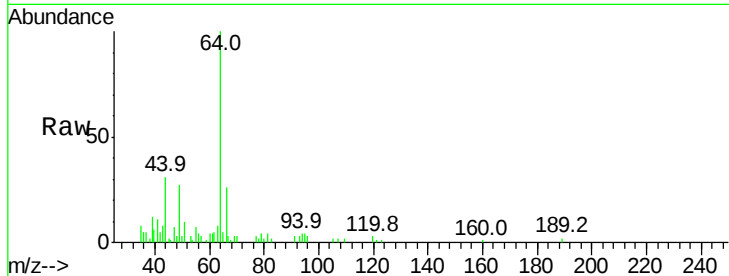
66 25.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 1.376 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038025.D

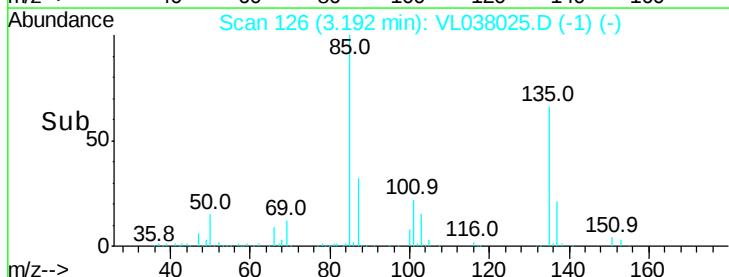
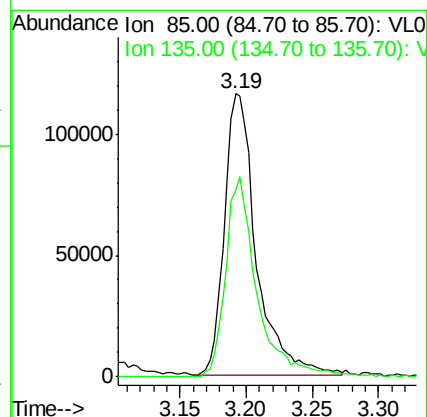
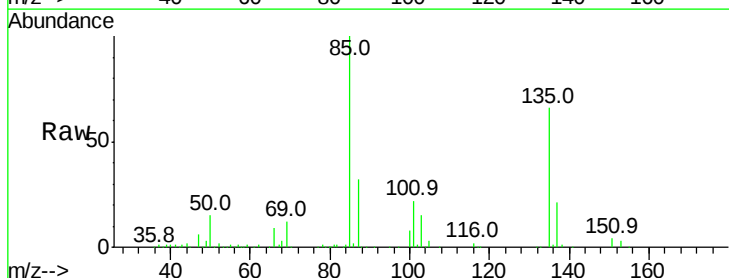
Acq: 16 Nov 2021 3:06

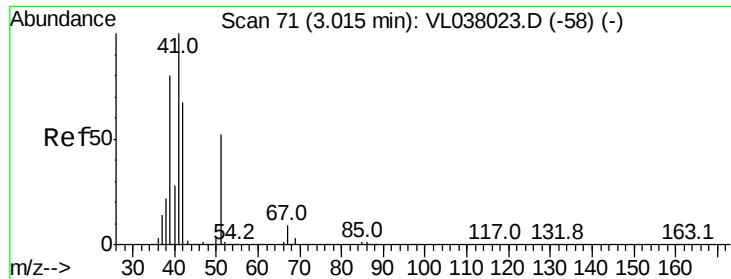
Tgt Ion: 85 Resp: 194372

Ion Ratio Lower Upper

85 100

135 70.7 57.0 85.6





#9

Propene

Concen: 1.470 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:06

Tot Ion:

Ion Ratio

41 100

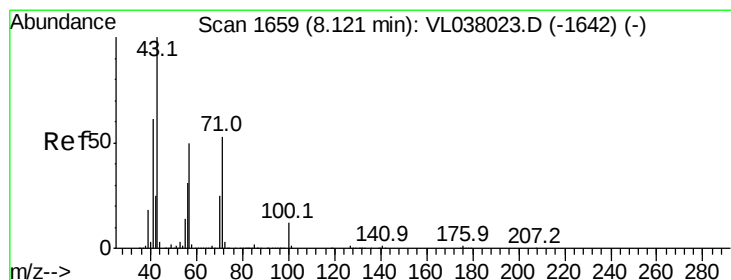
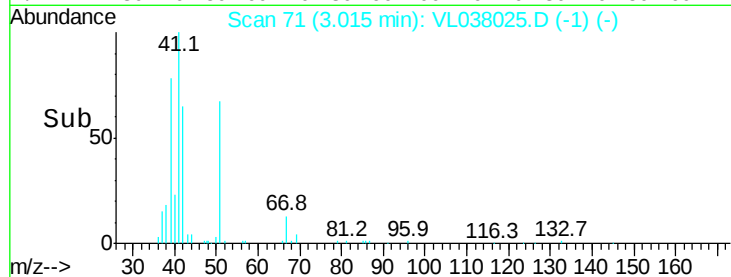
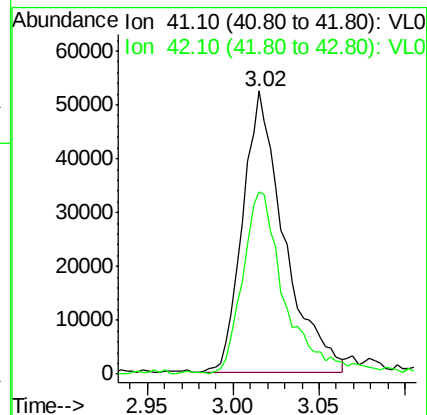
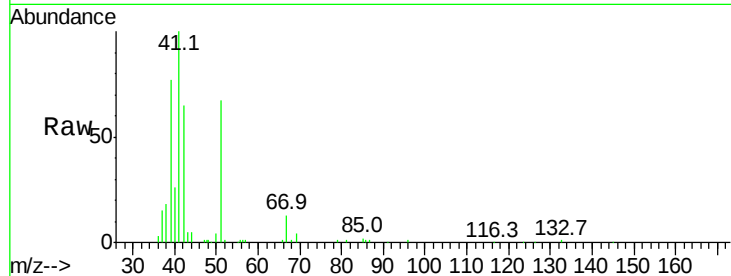
42 68.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#10

Heptane

Concen: 1.549 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VL038025.D

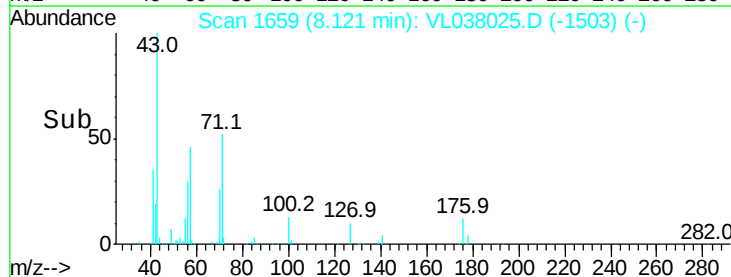
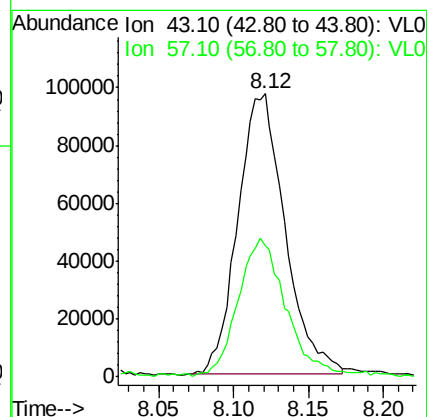
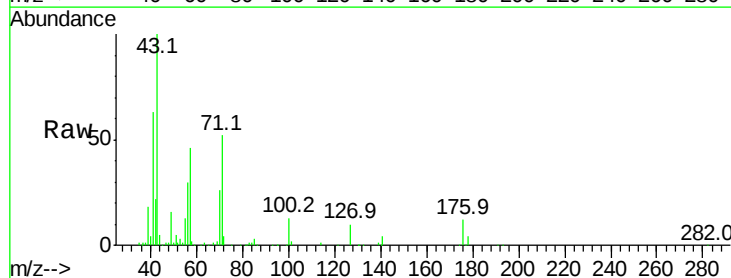
Acq: 16 Nov 2021 3:06

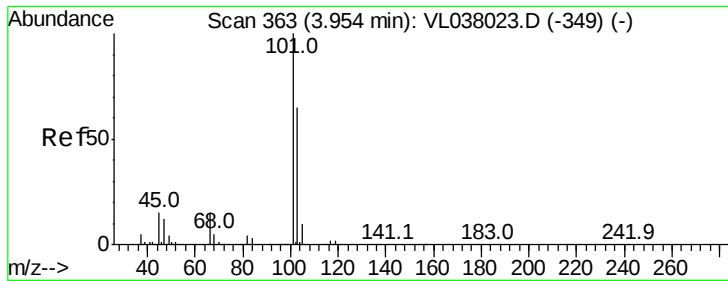
Tgt Ion: 43 Resp: 213906

Ion Ratio Lower Upper

43 100

57 50.2 39.9 59.9



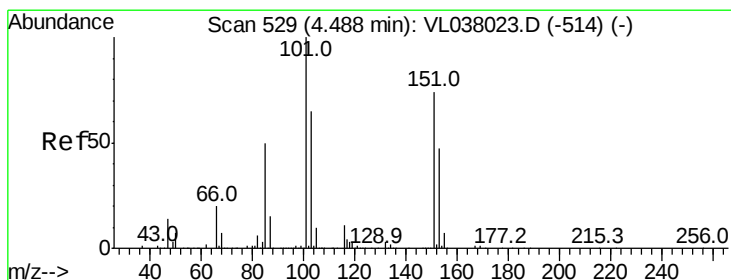
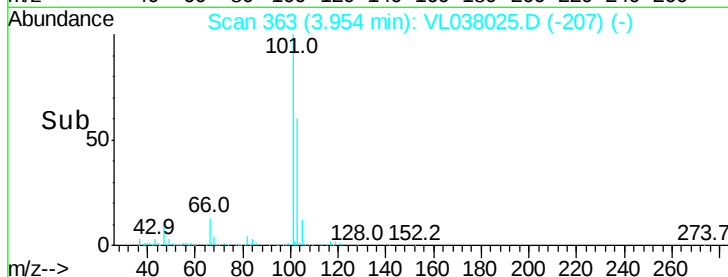
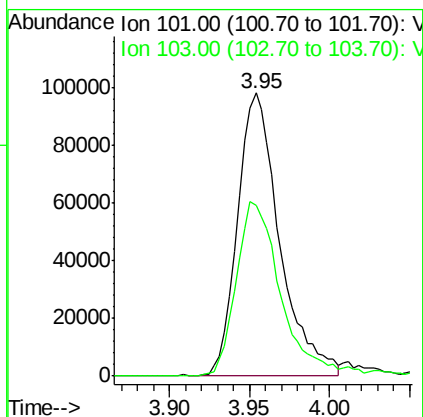
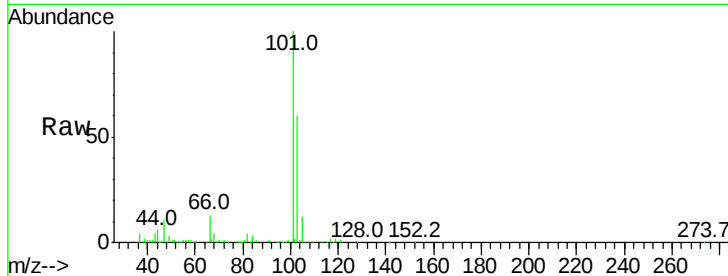


#11
 Trichlorofluoromethane
 Concen: 1.424 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion:1
 Ion Rati
 101 100
 103 60.

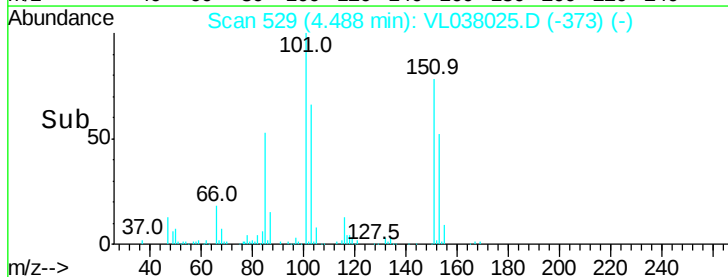
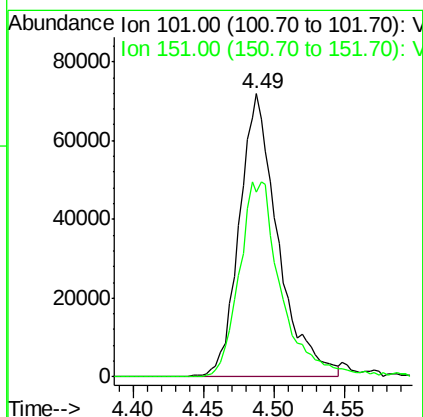
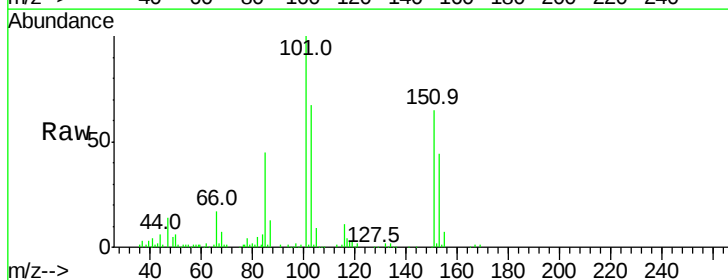
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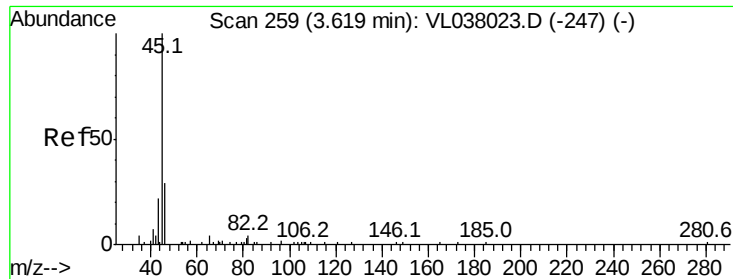
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.430 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion:101 Resp: 138003
 Ion Ratio Lower Upper
 101 100
 151 75.5 57.9 86.9



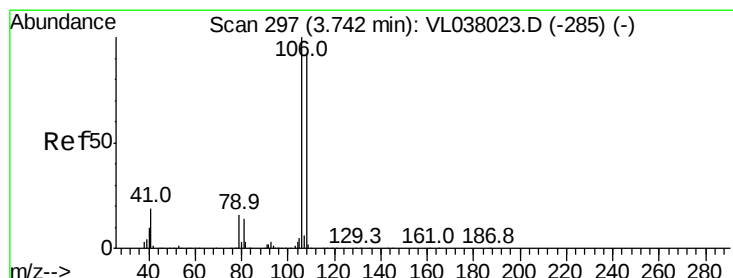
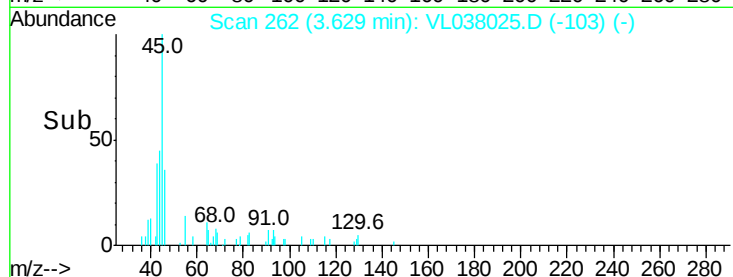
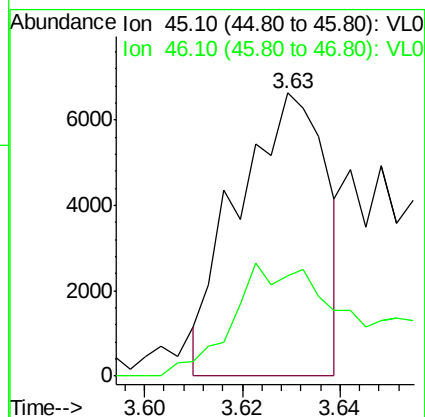
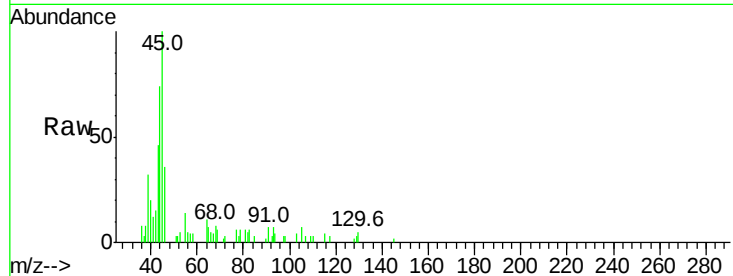


#13
Ethanol
Concen: 1.441 ppbv m
RT: 3.63
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
45 100
46 71.

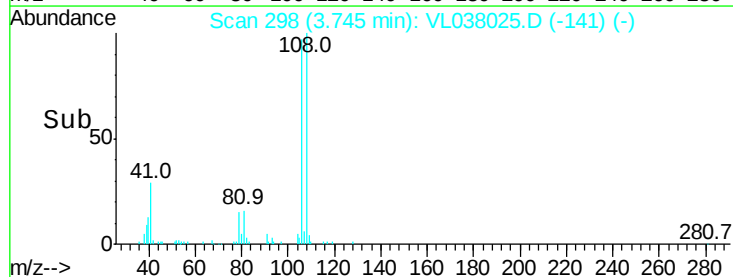
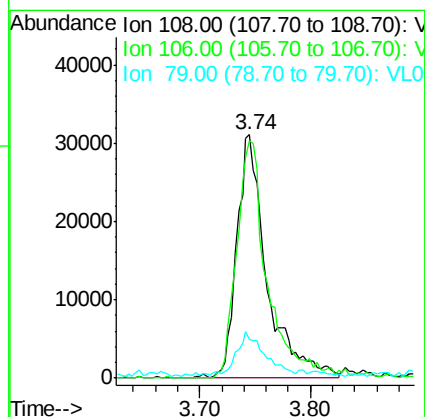
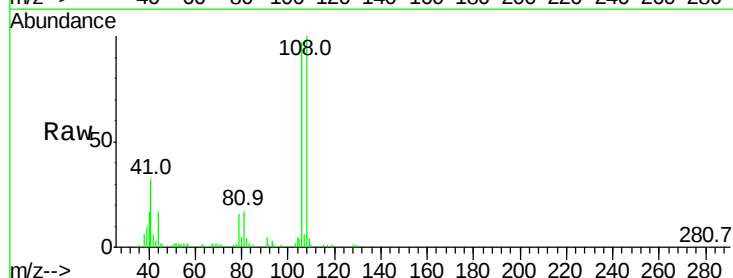
Manual Integrations
APPROVED

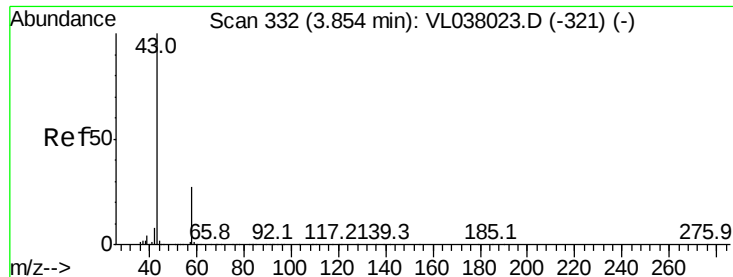
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 1.422 ppbv m
RT: 3.74 min Scan# 298
Delta R.T. 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion:108 Resp: 58959
Ion Ratio Lower Upper
108 100
106 101.6 90.4 135.6
79 21.3 14.1 21.1#





#15

Acetone

Concen: 1.445 ppbv m

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

43 100

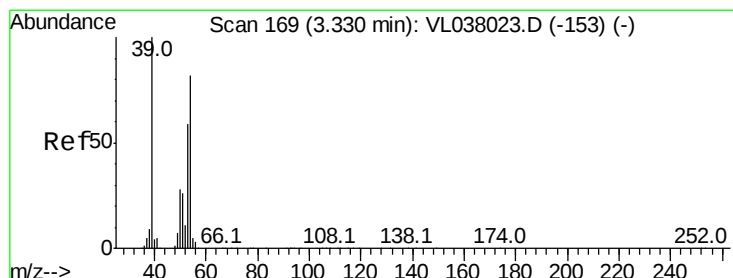
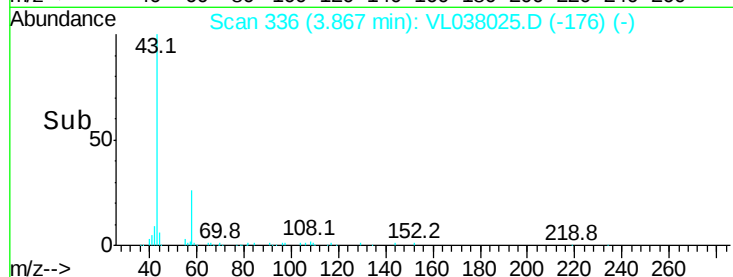
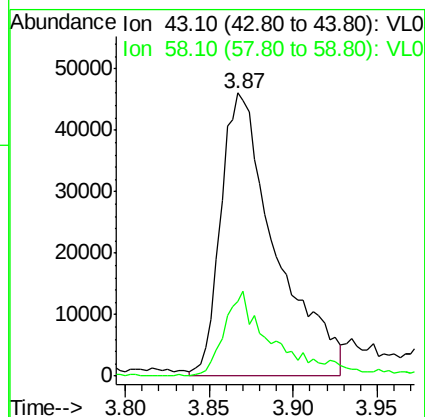
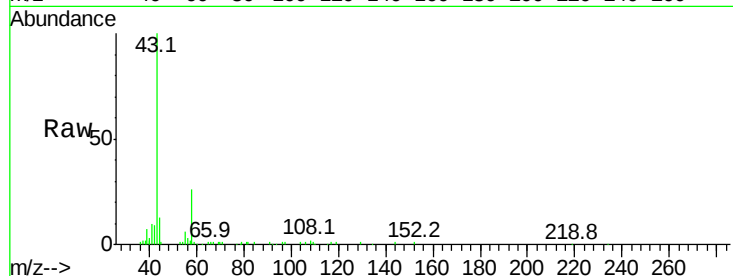
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 1.415 ppbv m

RT: 3.33 min Scan# 170

Delta R.T. 0.00 min

Lab File: VL038025.D

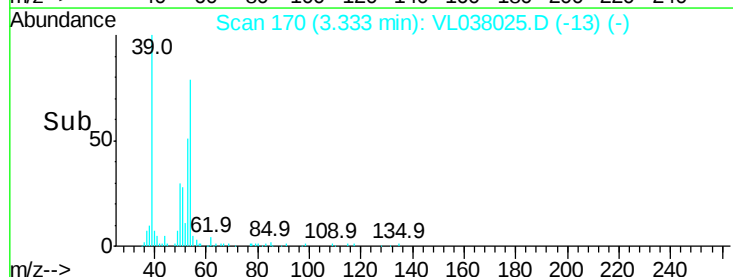
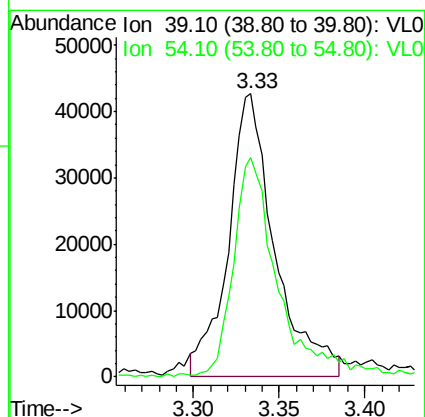
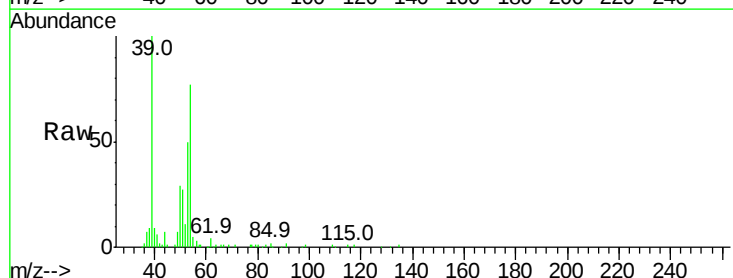
Acq: 16 Nov 2021 3:06

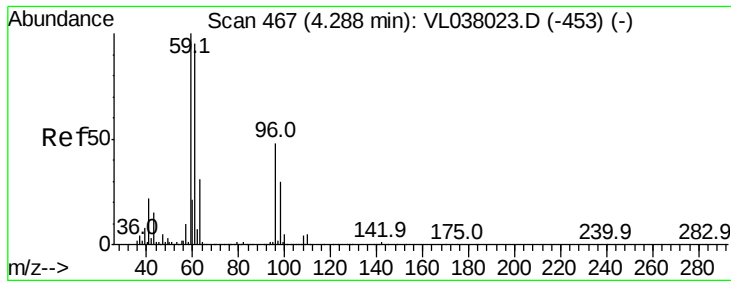
Tgt Ion: 39 Resp: 80651

Ion Ratio Lower Upper

39 100

54 74.8 63.8 95.8





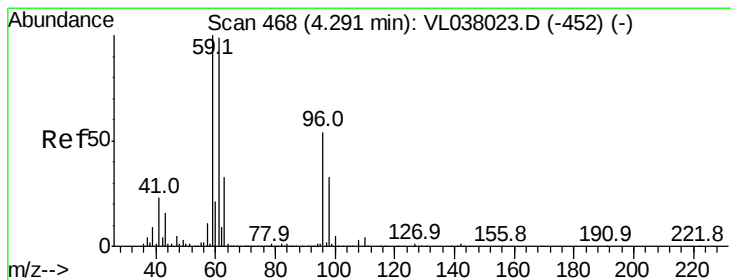
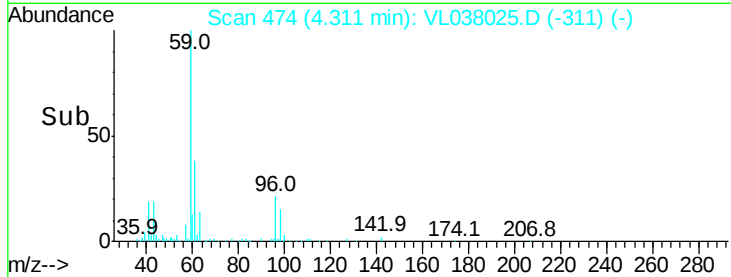
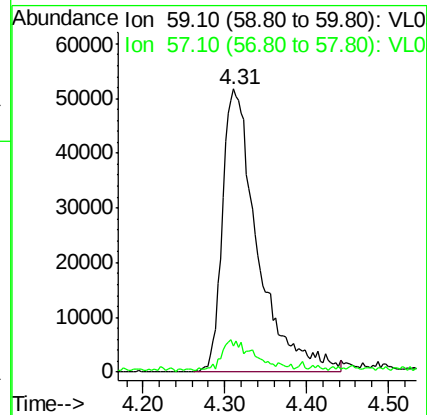
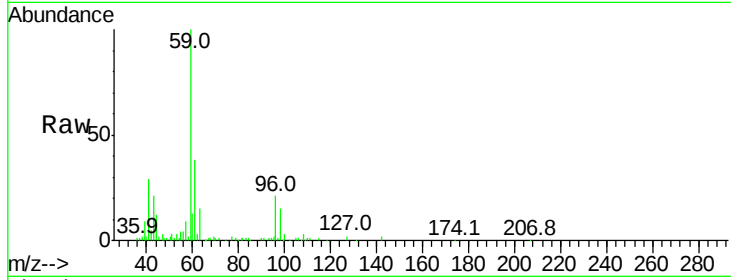
#17

tert-Butyl alcohol
Concen: 1.884 ppbv m
RT: 4.31
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
59 100
57 12.

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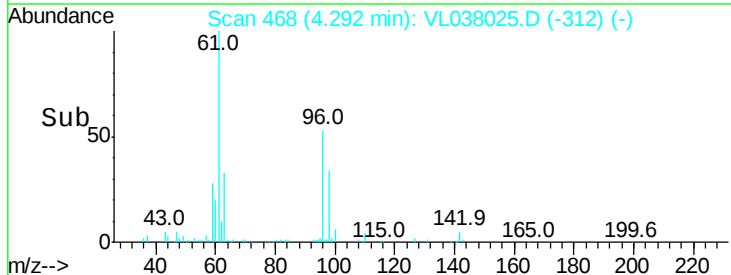
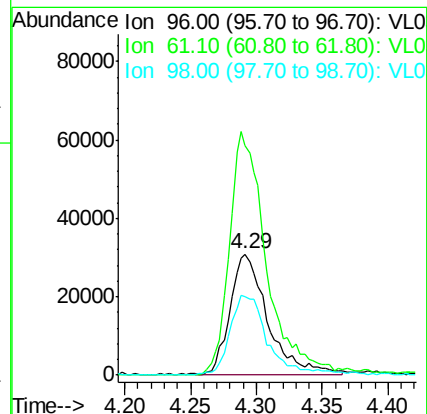
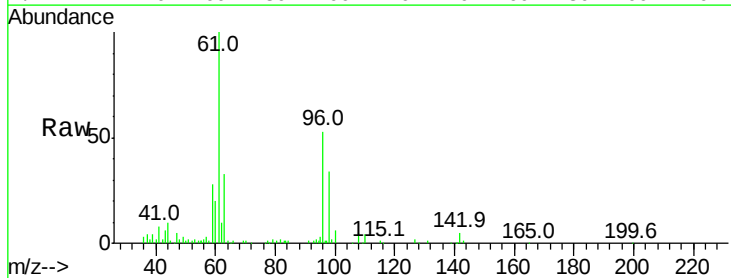
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

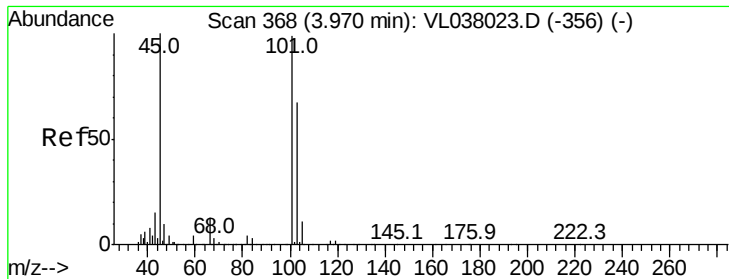


#18

1,1-Dichloroethene
Concen: 1.384 ppbv m
RT: 4.29 min Scan# 468
Delta R.T. 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 96 Resp: 61796
Ion Ratio Lower Upper
96 100
61 189.1 145.2 217.8
98 64.2 48.8 73.2





#19

Isopropyl Alcohol

Concen: 1.834 ppbv m

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDIC001

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

45 100

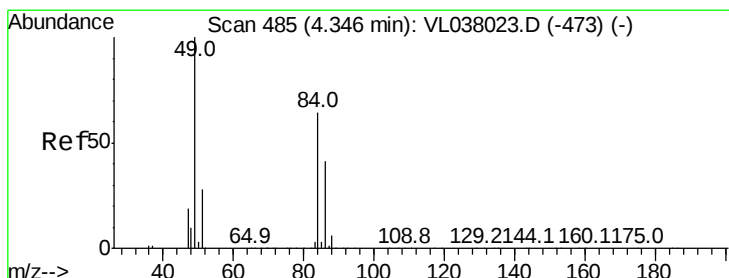
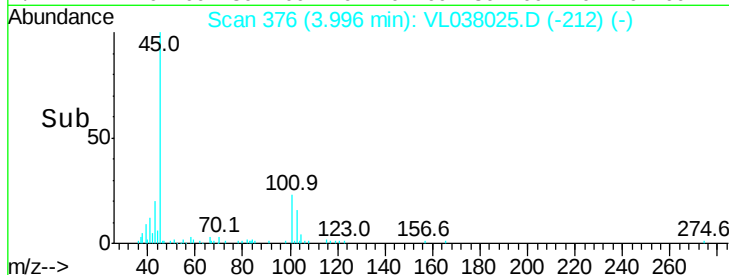
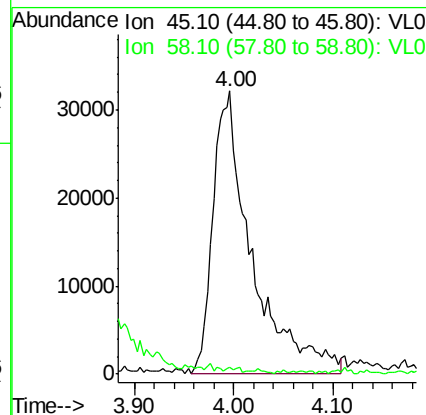
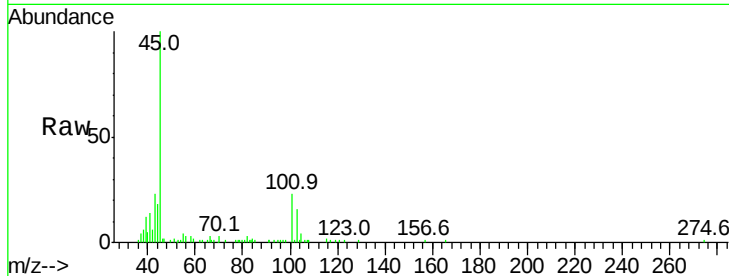
58 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 1.588 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion: 84 Resp: 63256

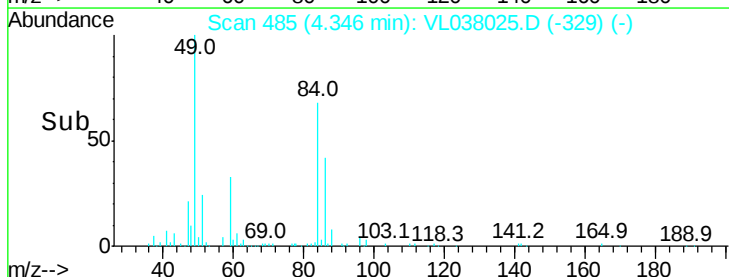
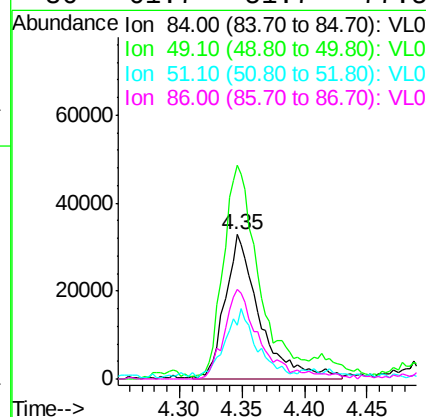
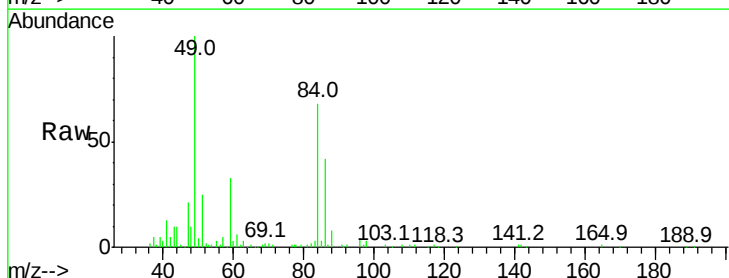
Ion Ratio Lower Upper

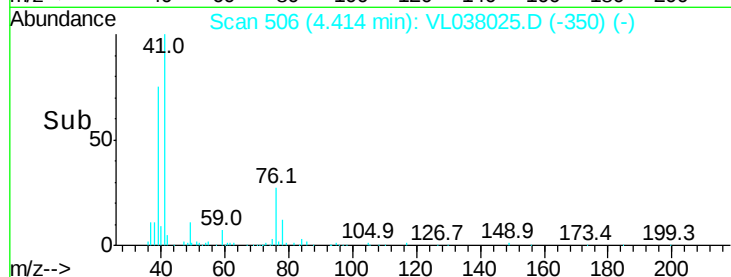
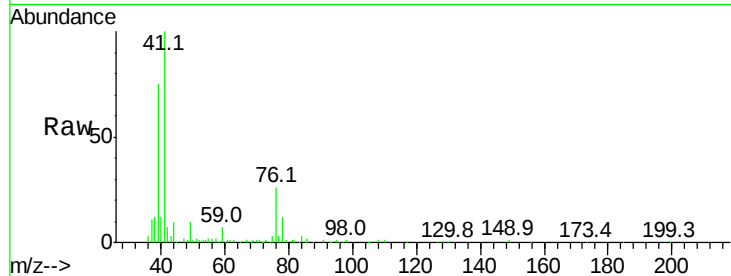
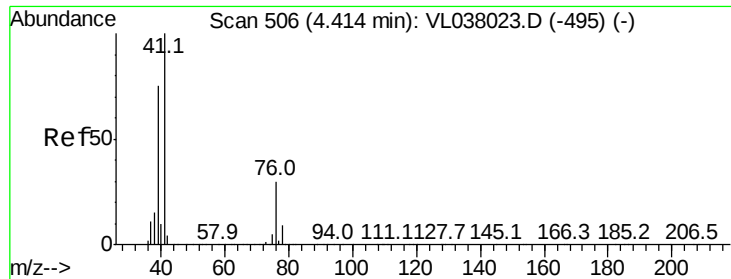
84 100

49 147.9 125.1 187.7

51 37.5 35.3 52.9

86 61.7 51.7 77.5



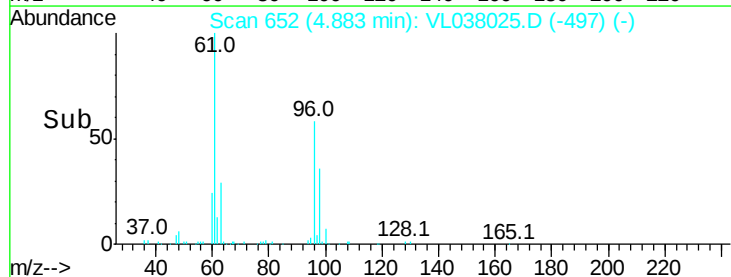
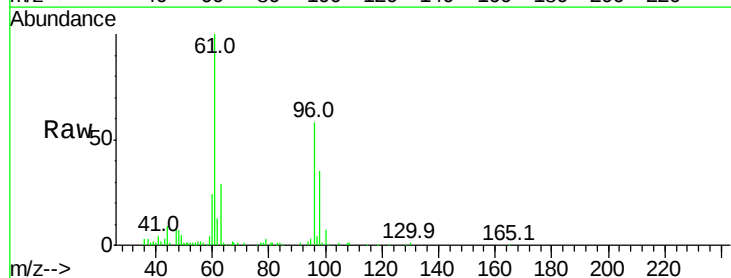
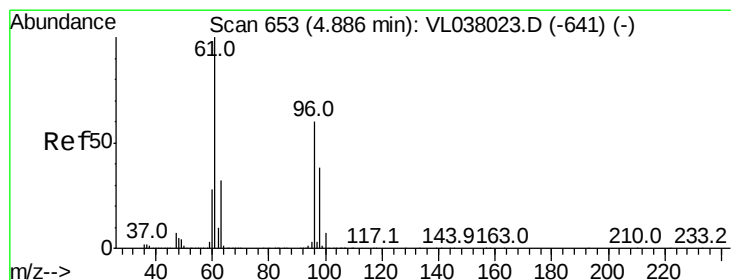
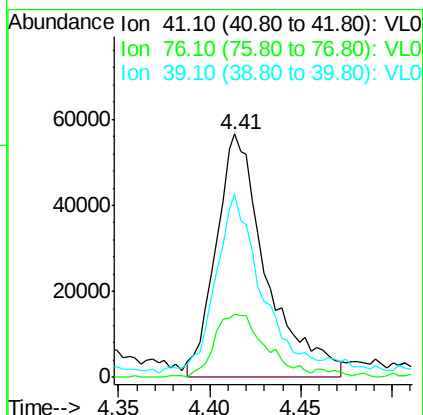


#21
Allvl Chloride
Concen: 1.583 ppbv m
RT: 4.41
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
41 100
76 28.
39 73.

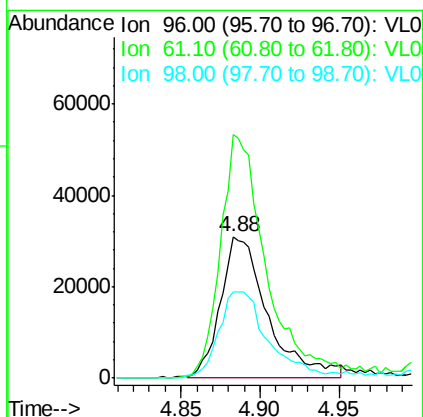
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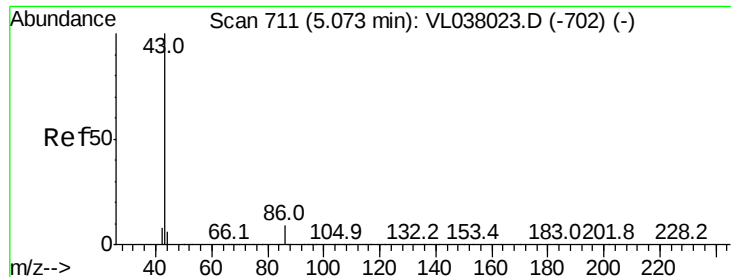
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
trans-1,2-Dichloroethene
Concen: 1.423 ppbv m
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 96 Resp: 63921
Ion Ratio Lower Upper
96 100
61 171.8 134.2 201.4
98 60.4 51.3 76.9



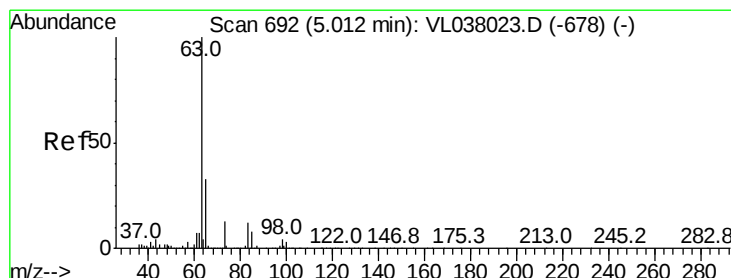
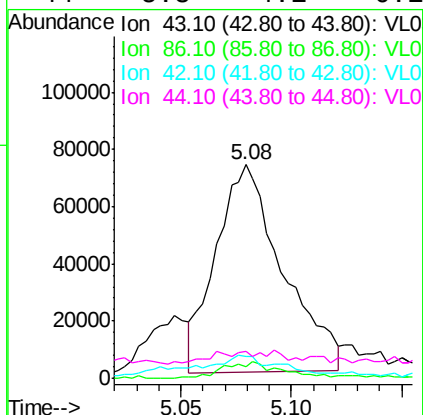
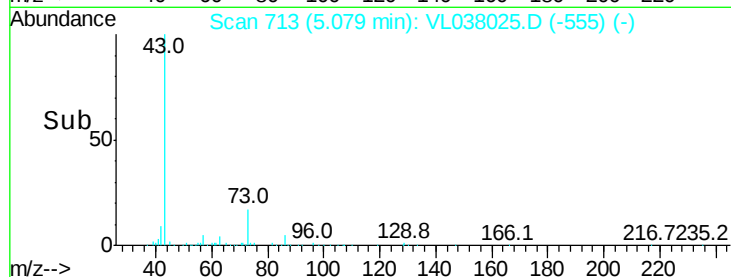
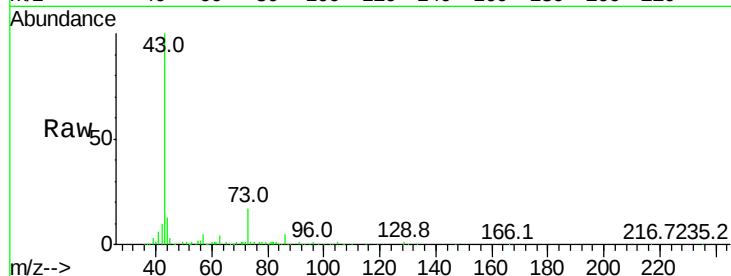


#23
 Vinyl Acetate
 Concen: 1.342 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion:
 Ion Ratio
 43 100
 86 5.
 42 9.
 44 5.8 4.1 6.1

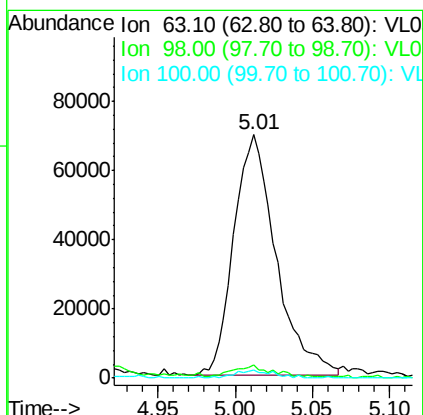
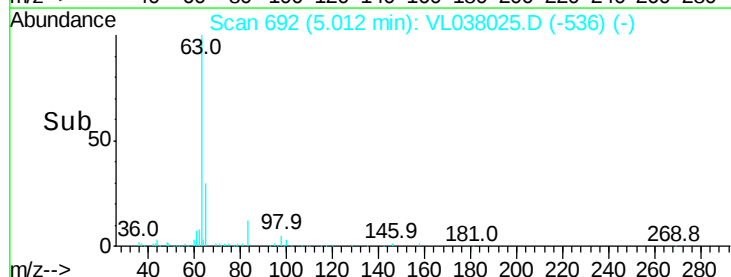
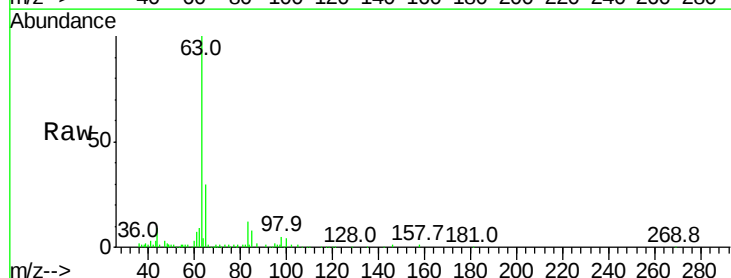
Manual Integrations
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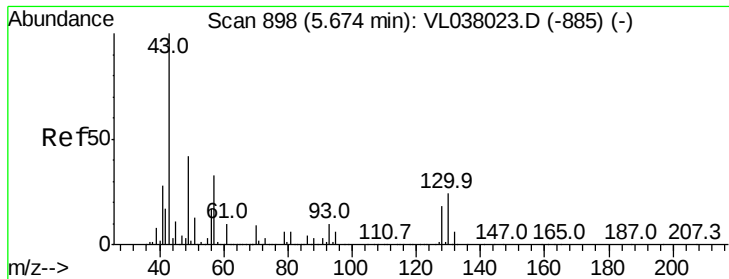
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 1.439 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. 0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 63 Resp: 132522
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.3 6.9
 100 3.6 1.5 4.4



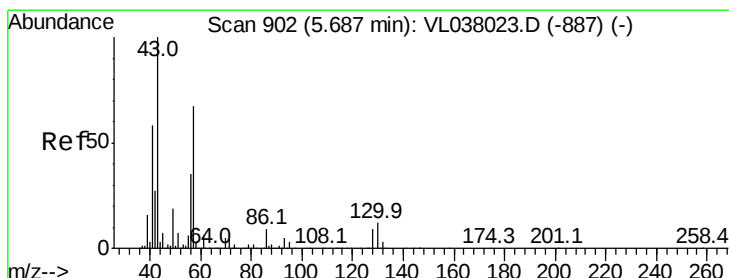
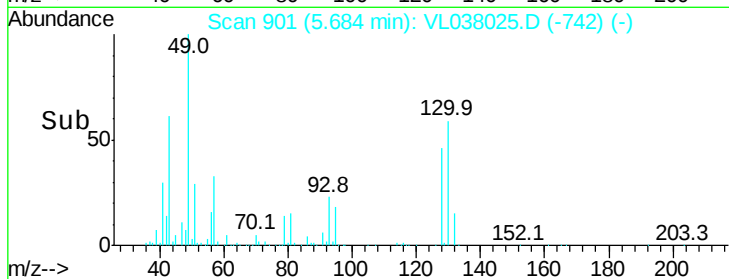
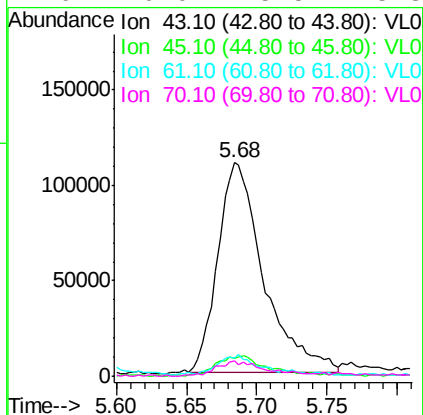
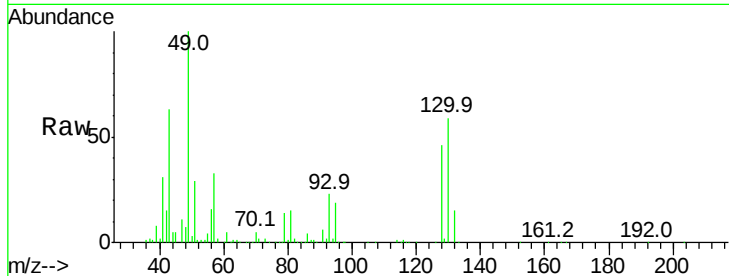


#25
Ethyl Acetate
Concen: 1.214 ppbv
RT: 5.68 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 11.1, 61 11.1, 70 10.0, 5.5, 8.3#

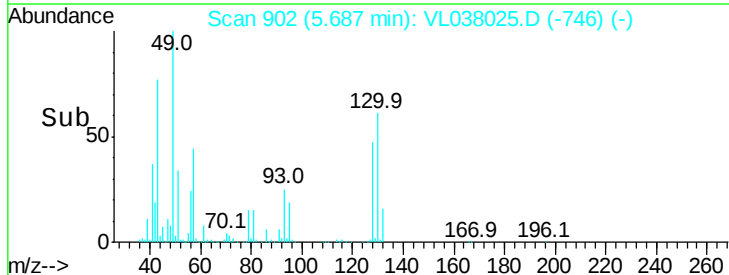
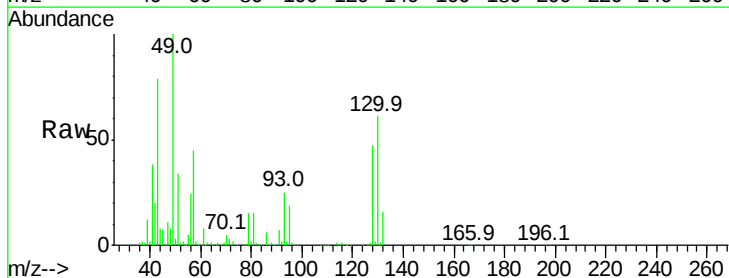
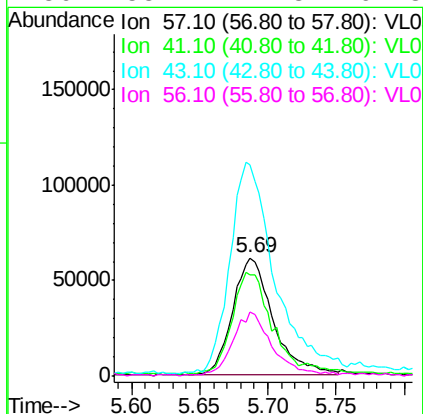
Manual Integrations
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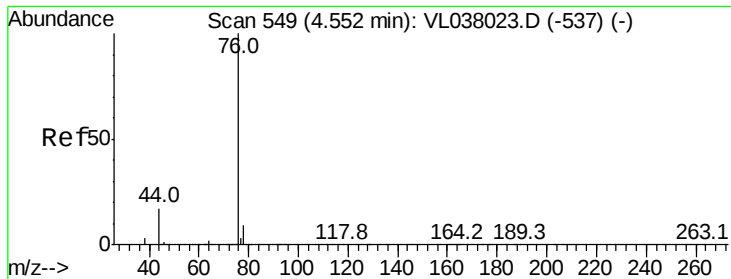
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 1.304 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 57 Resp: 127687
Ion Ratio Lower Upper
57 100
41 92.3 70.8 106.2
43 209.4 169.4 254.0
56 55.7 41.8 62.8





#27

Carbon Disulfide

Concen: 1.503 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00 VSTDIC001

Tot Ion:

Ion Ratio

76 100

44 24.

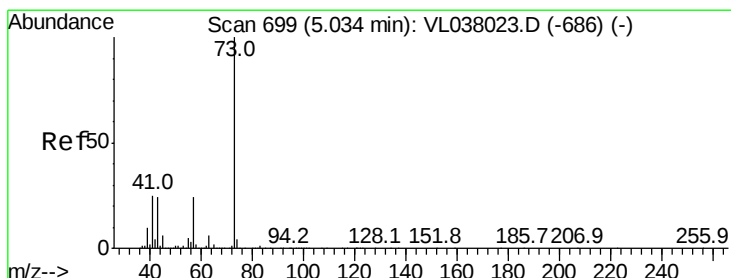
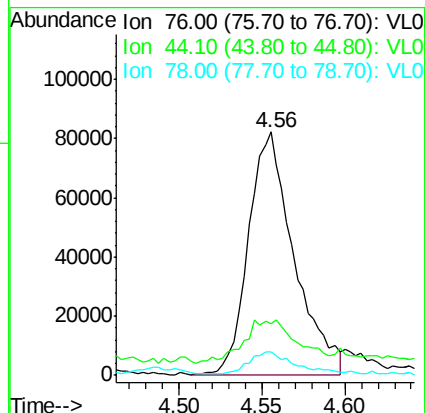
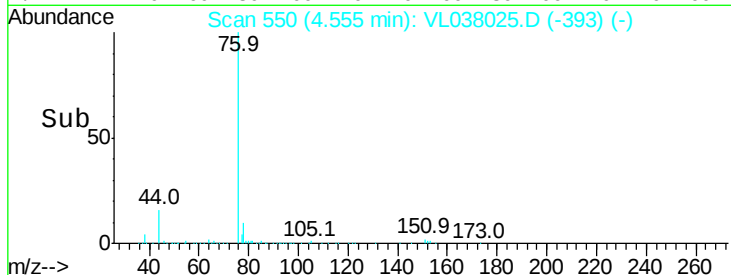
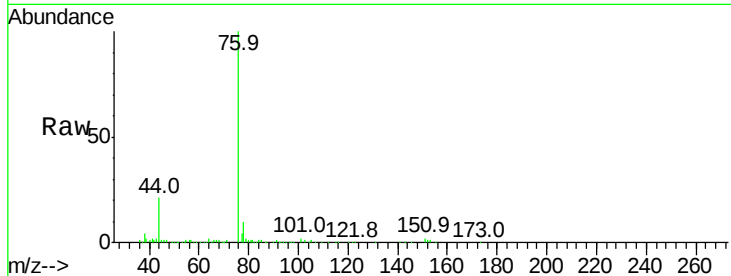
78 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 1.687 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL038025.D

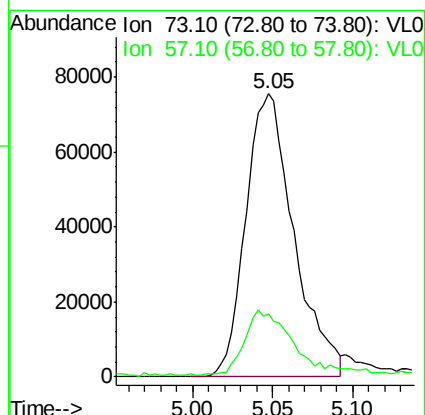
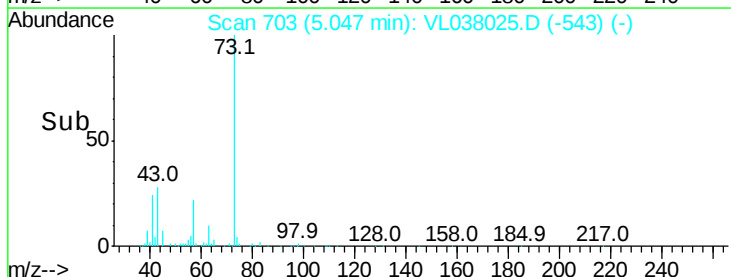
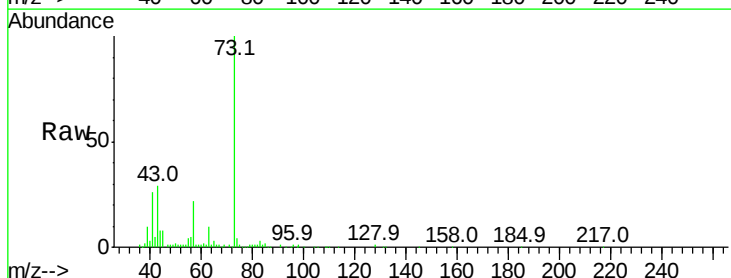
Acq: 16 Nov 2021 3:06

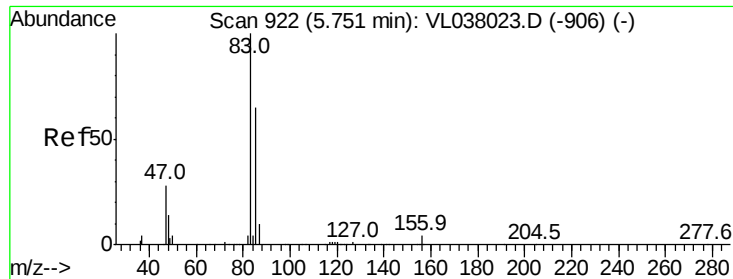
Tgt Ion: 73 Resp: 156110

Ion Ratio Lower Upper

73 100

57 24.5 19.1 28.7



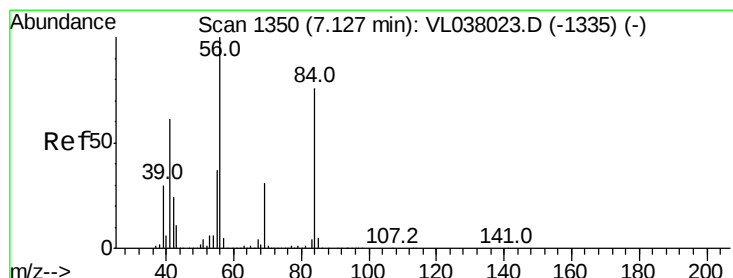
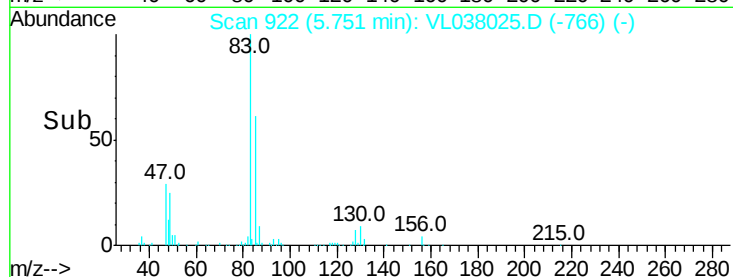
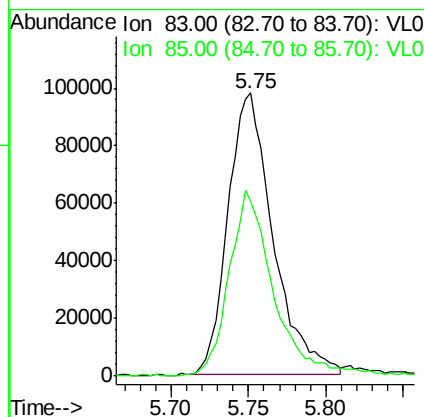
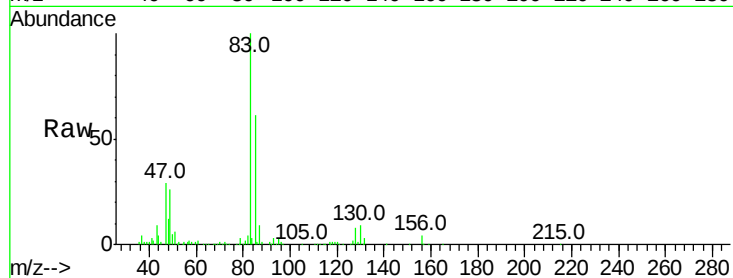


#29
Chloroform
Concen: 1.324 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
83 100
85 61.

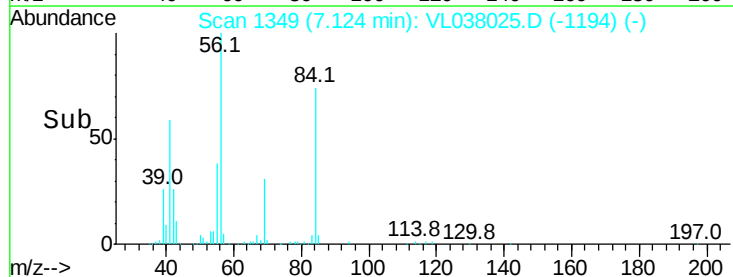
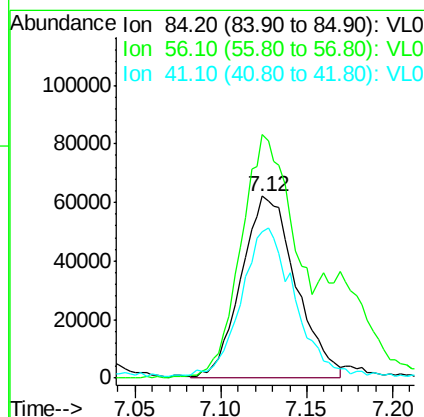
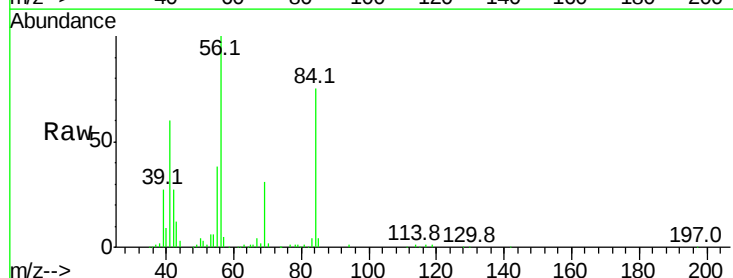
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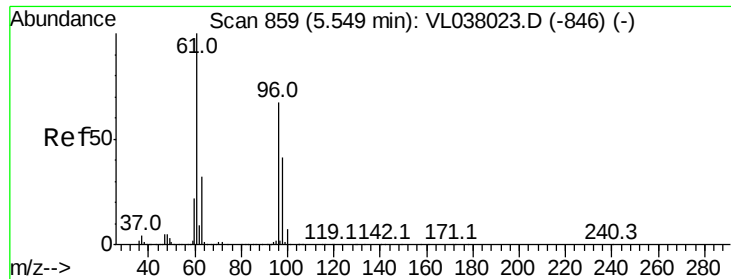
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 1.526 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 84 Resp: 136352
Ion Ratio Lower Upper
84 100
56 186.9 109.4 164.2#
41 80.0 65.8 98.6





#31

cis-1,2-Dichloroethene

Concen: 1.077 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

61 100

96 59.

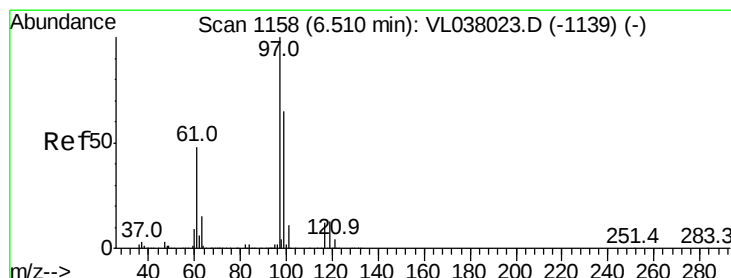
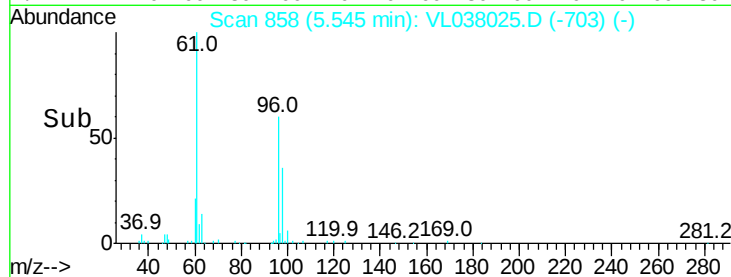
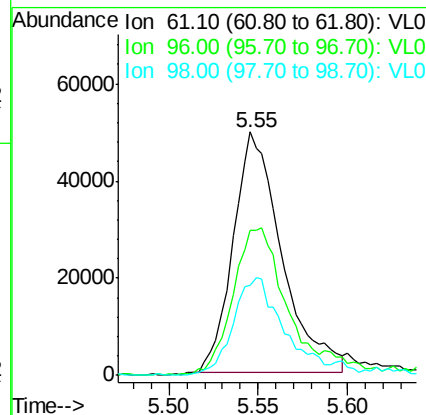
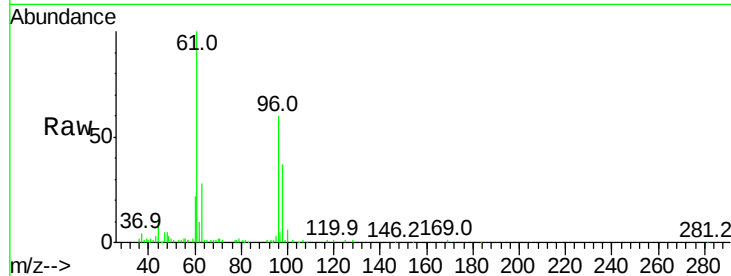
98 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 1.511 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

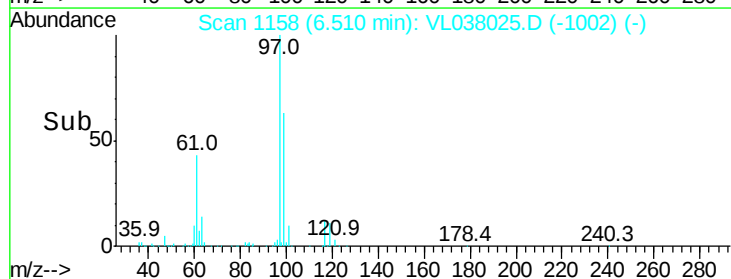
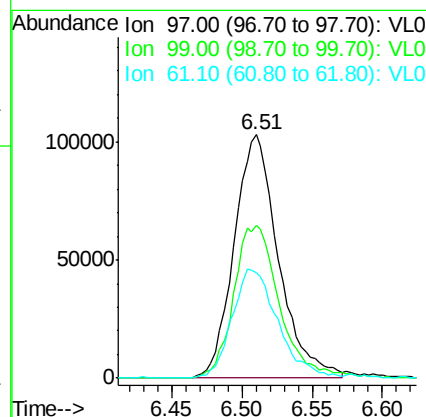
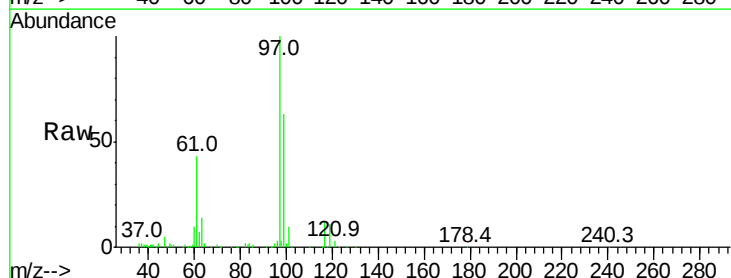
Tgt Ion: 97 Resp: 226589

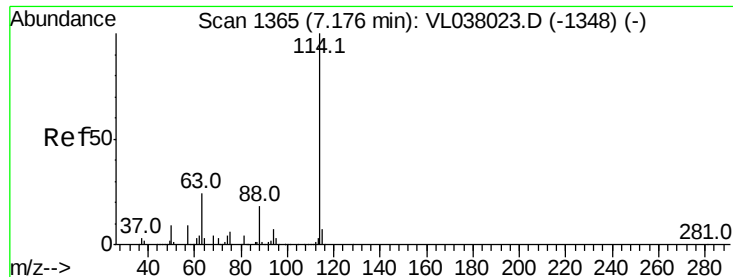
Ion Ratio Lower Upper

97 100

99 65.2 51.9 77.9

61 47.2 37.9 56.9



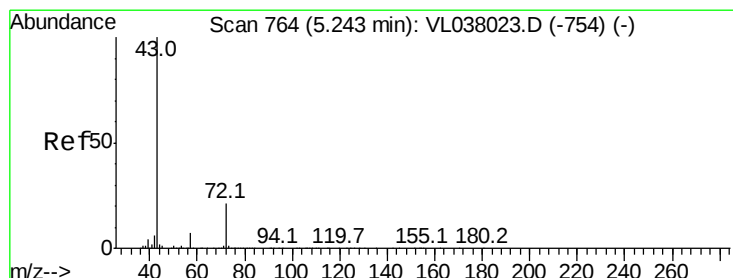
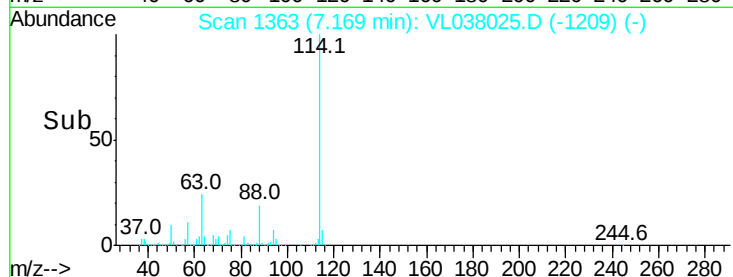
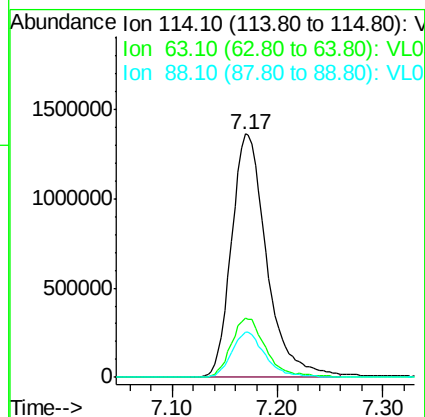
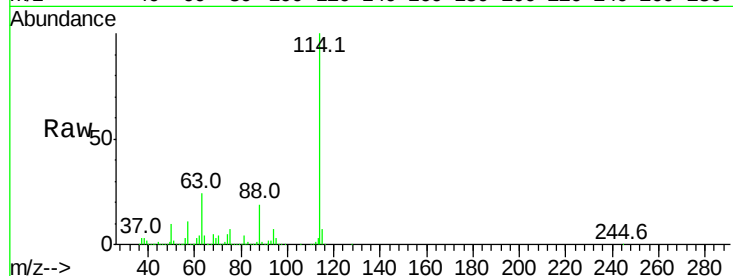


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

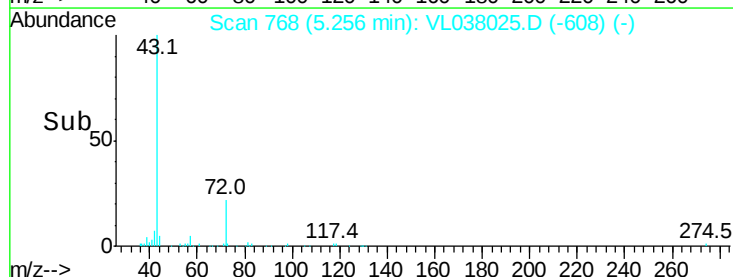
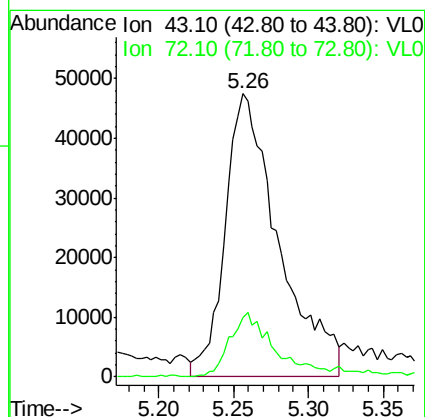
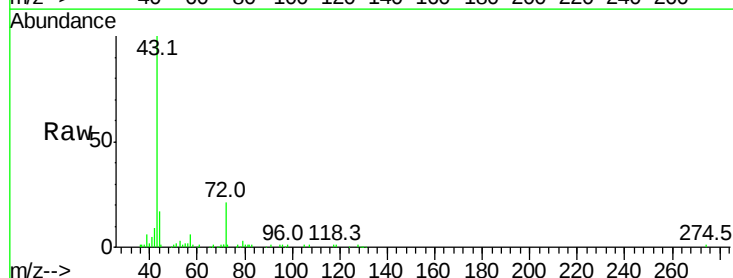
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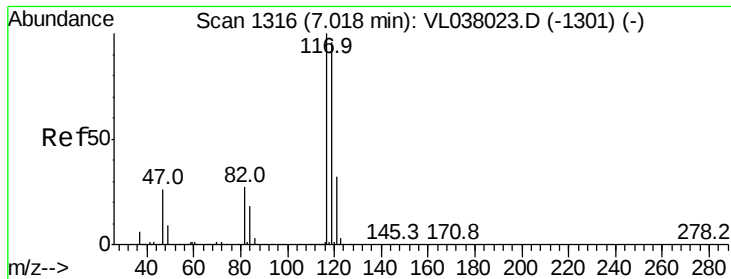
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#34
 2-Butanone
 Concen: 1.045 ppbv m
 RT: 5.26 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 43 Resp: 118282
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.2 27.4





#35

Carbon Tetrachloride

Concen: 1.170 ppbv m

RT: 7.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 VSTDIC001

Tot Ion:1

Ion Rati

117 100

119 101.

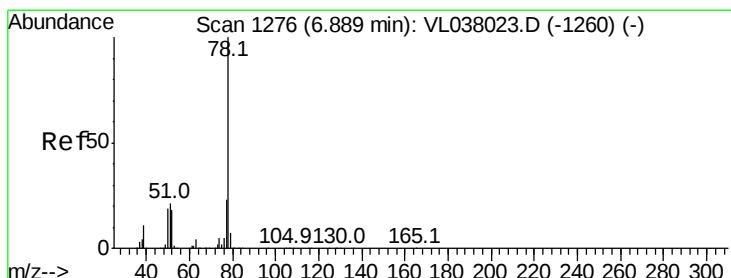
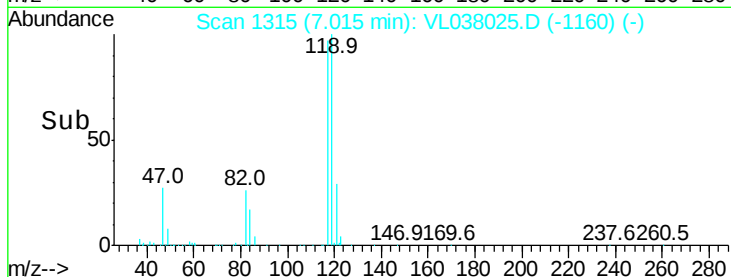
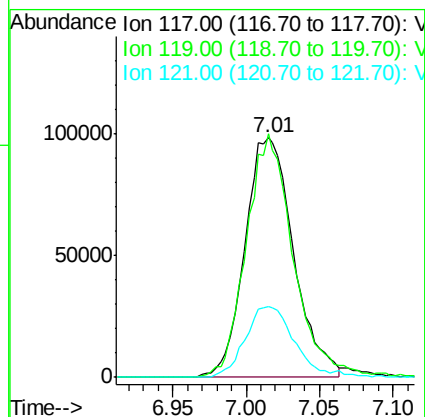
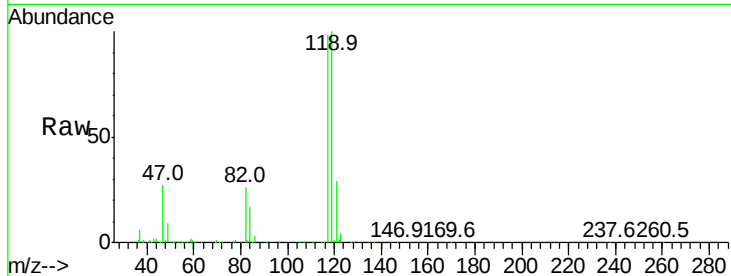
121 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#36

Benzene

Concen: 1.244 ppbv

RT: 6.89 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

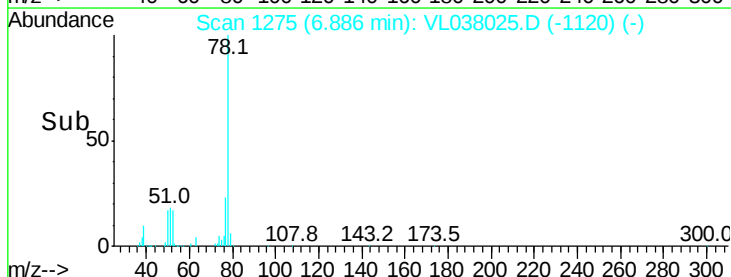
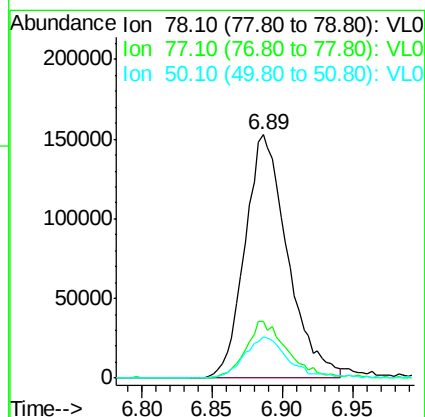
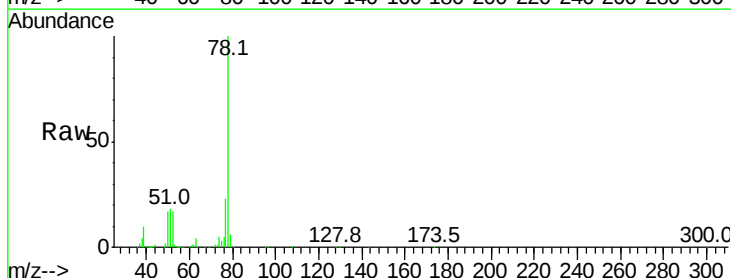
Tgt Ion: 78 Resp: 323636

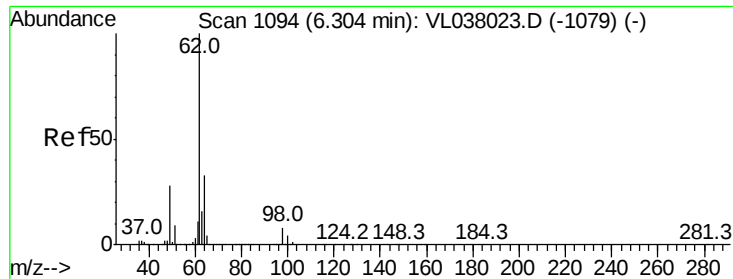
Ion Ratio Lower Upper

78 100

77 23.2 18.8 28.2

50 17.0 14.9 22.3



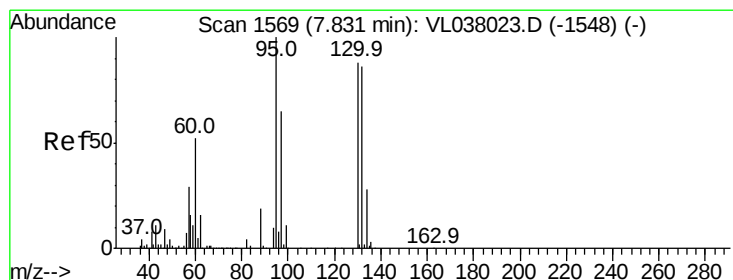
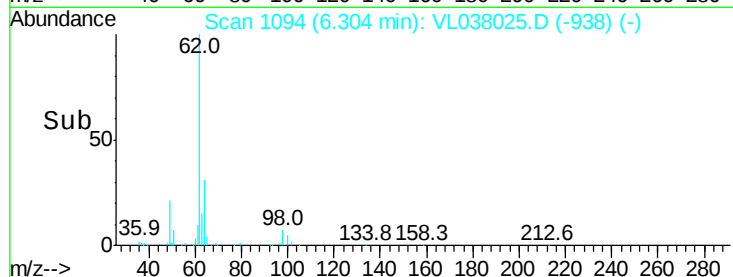
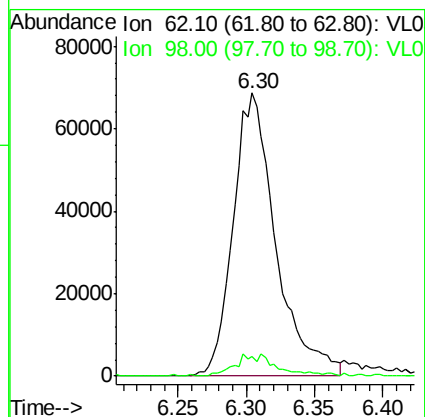
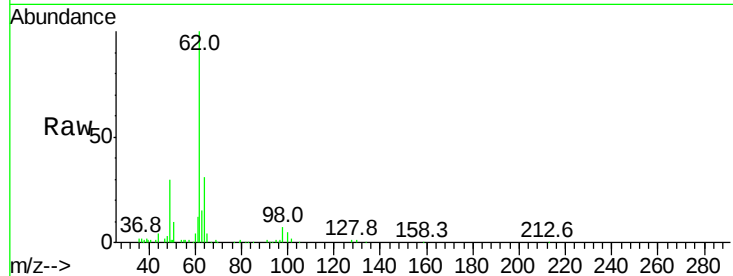


#37
 1,2-Dichloroethane
 Concen: 1.200 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion:
 Ion Ratio
 62 100
 98 8.

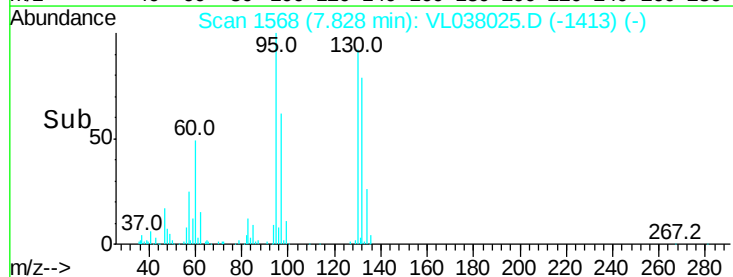
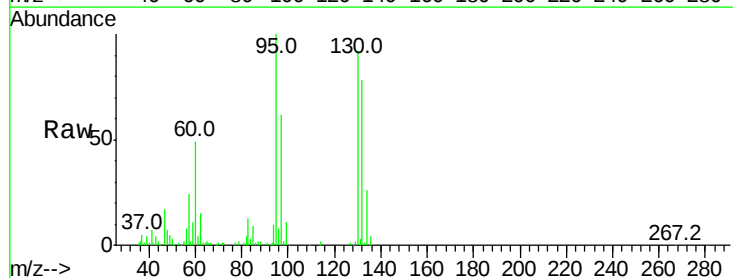
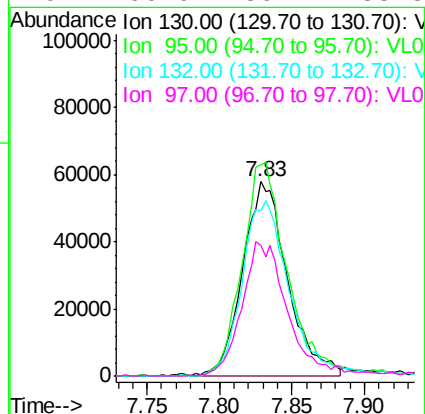
Manual Integrations
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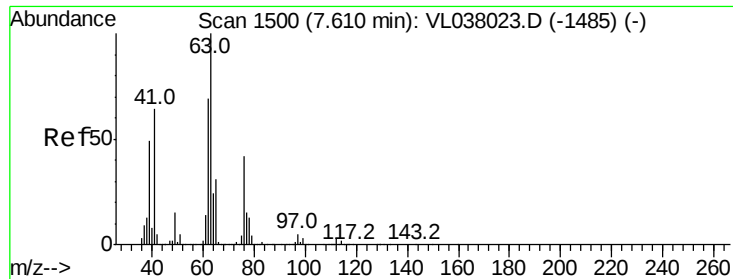
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 1.156 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion:130 Resp: 123122
 Ion Ratio Lower Upper
 130 100
 95 109.1 90.5 135.7
 132 85.5 77.4 116.0
 97 66.9 59.2 88.8



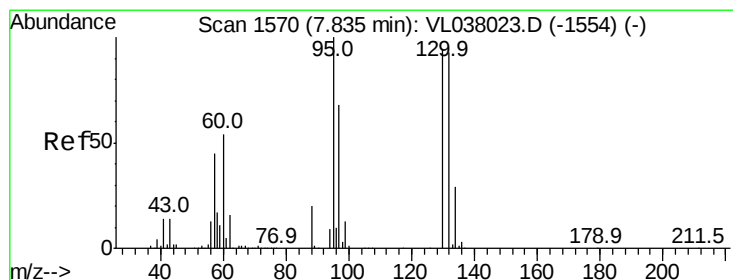
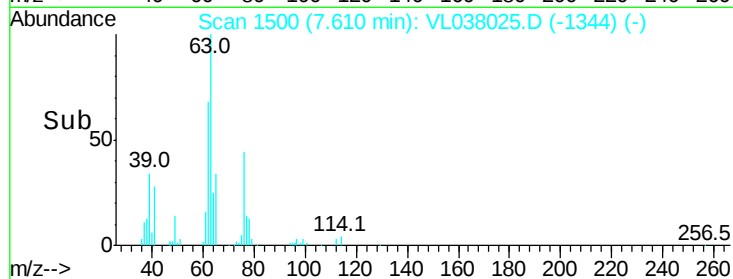
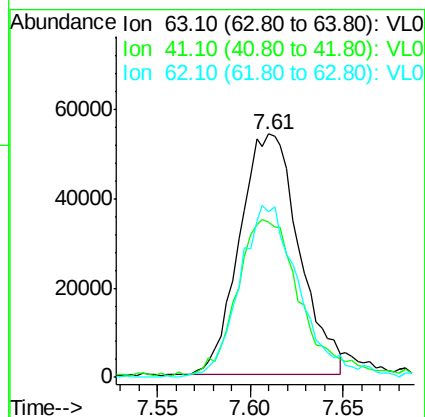
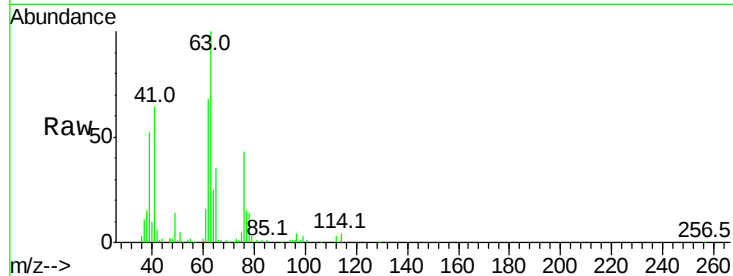


#39
 1,2-Dichloropropane
 Concen: 1.217 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 3:00

Tot Ion:
 Ion Ratio
 63 100
 41 63.
 62 66.

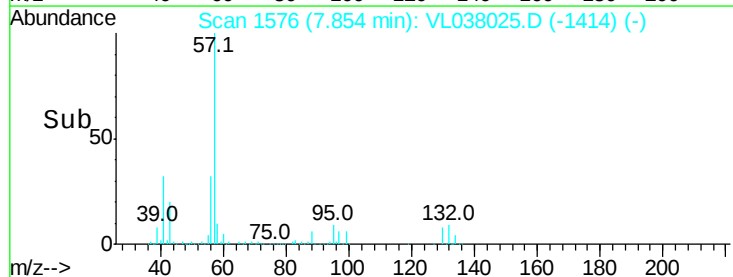
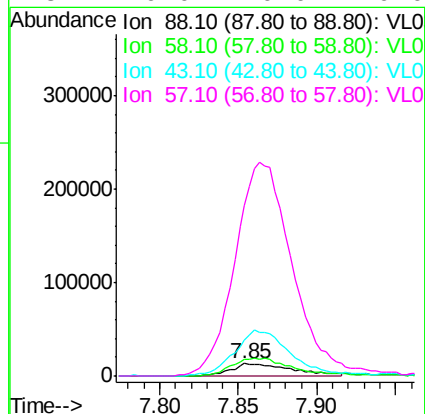
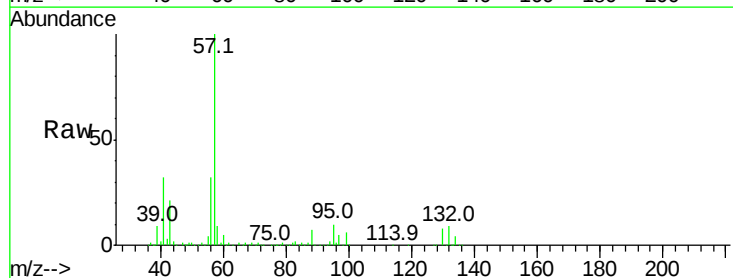
Manual Integrations
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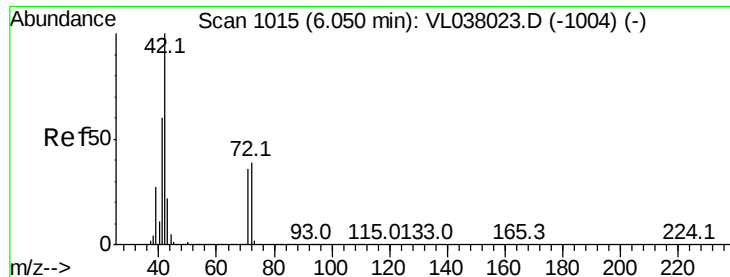
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 1.412 ppbv m
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 88 Resp: 35989
 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



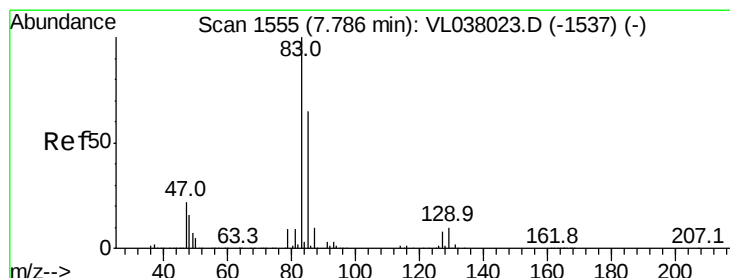
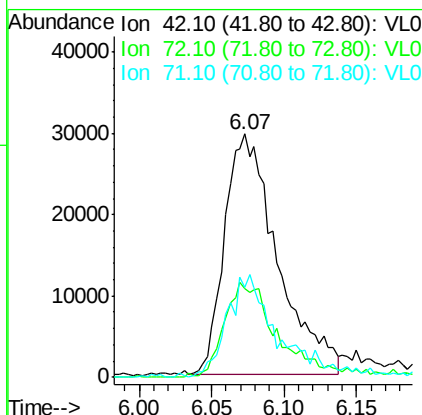
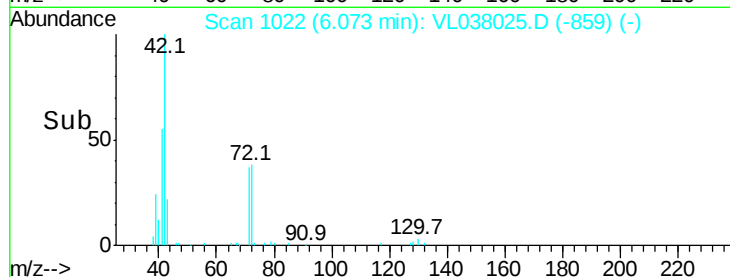
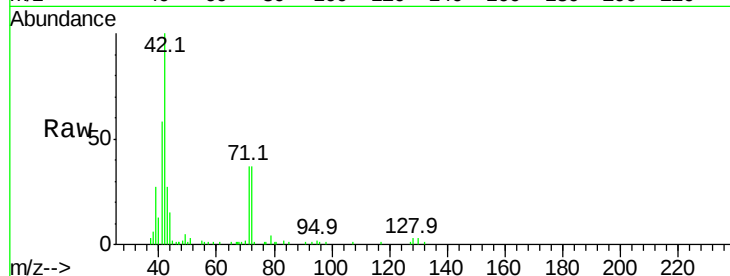


#41
Tetrahydrofuran
Concen: 1.254 ppbv
RT: 6.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 16 Nov 2021 3:00

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

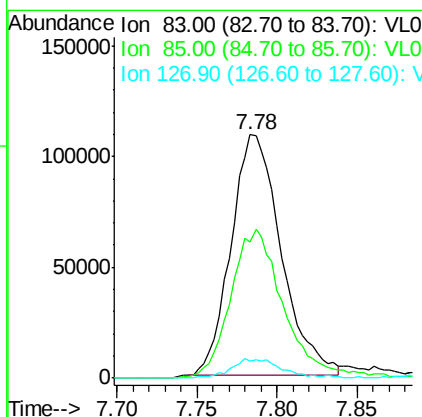
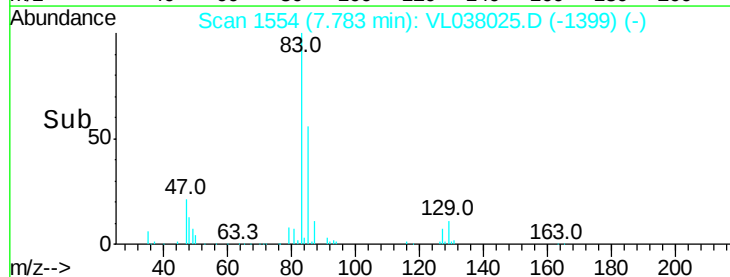
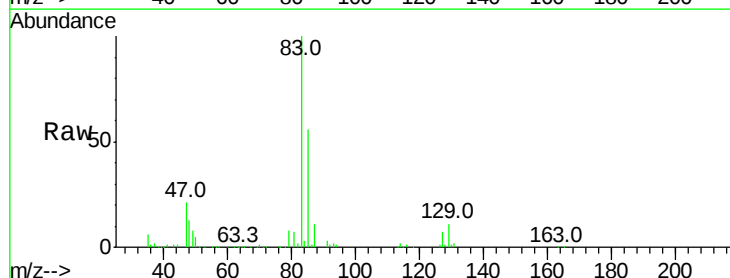
Manual Integrations
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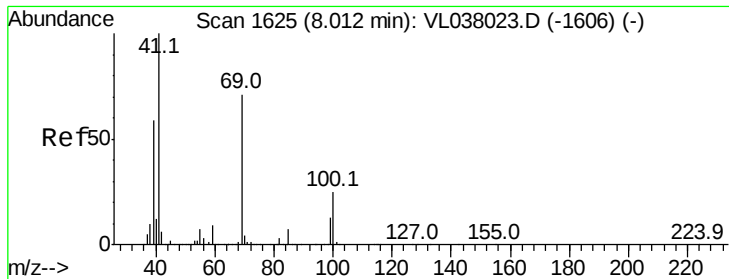
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 1.236 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 83 Resp: 233638
Ion Ratio Lower Upper
83 100
85 56.0 51.6 77.4
127 7.0 6.6 10.0



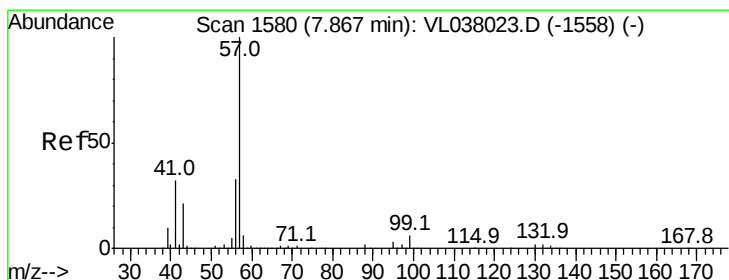
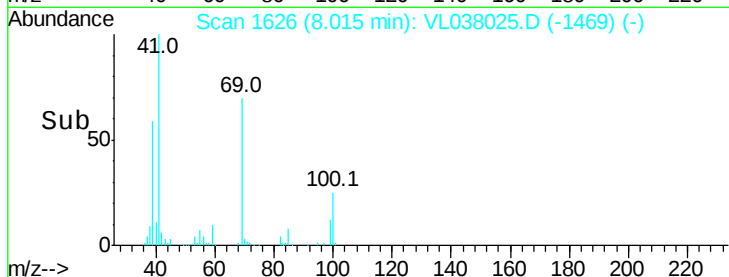
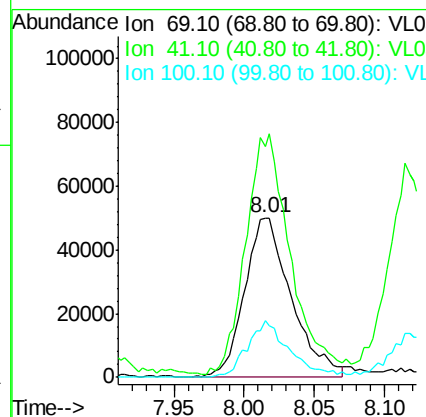
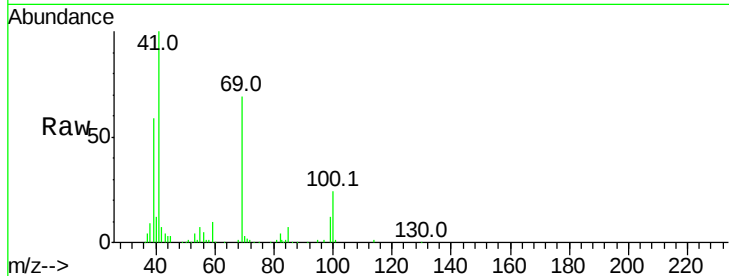


#43
Methyl Methacrylate
Concen: 1.345 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
69 100
41 143.
100 32.

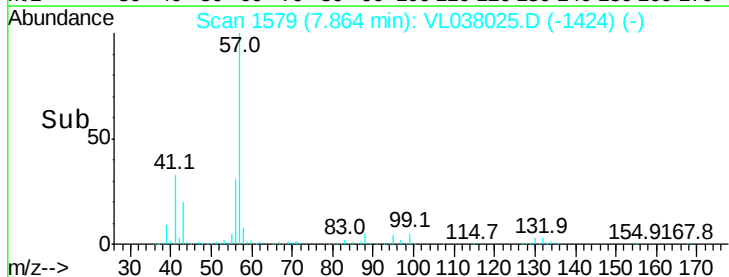
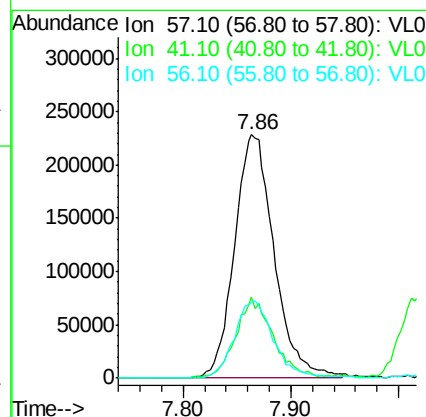
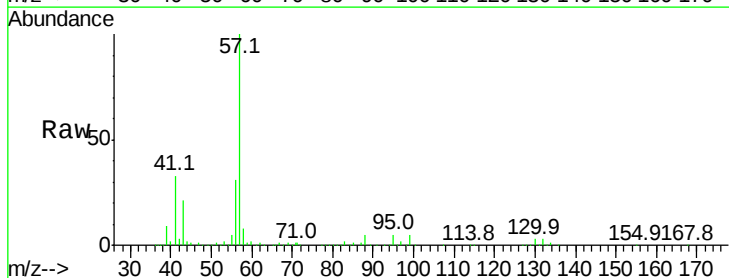
Manual Integrations
APPROVED

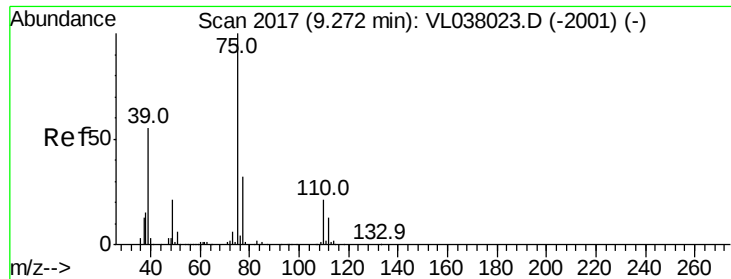
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
2,2,4-Trimethylpentane
Concen: 1.320 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 57 Resp: 581638
Ion Ratio Lower Upper
57 100
41 30.9 26.3 39.5
56 31.6 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 1.376 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00 VSTDIC001

Tot Ion:

Ion Ratio

75 100

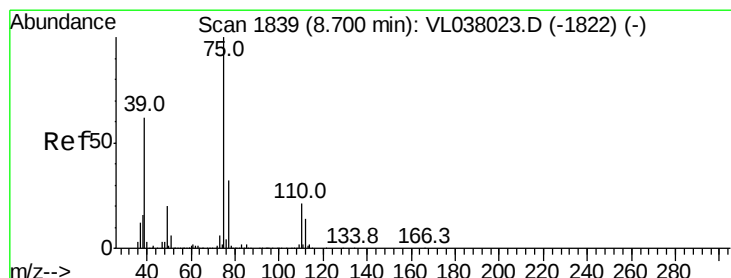
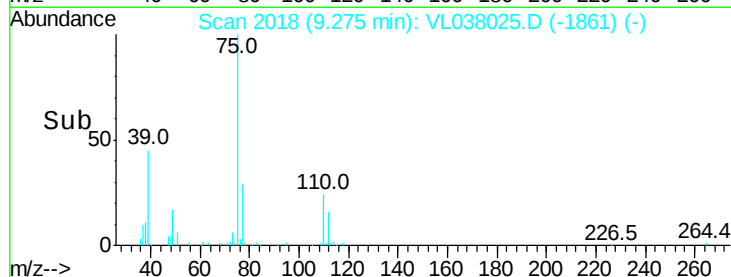
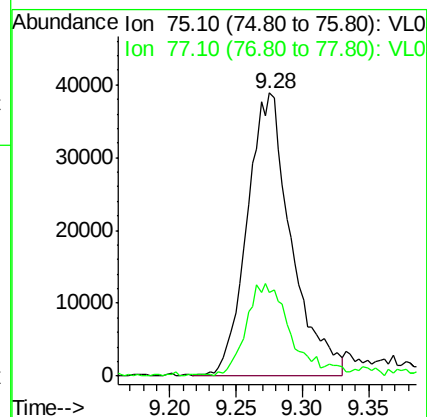
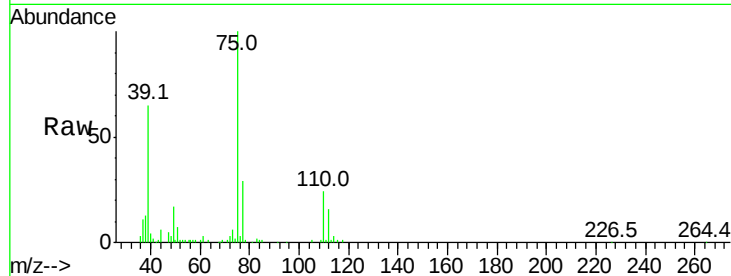
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 1.316 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

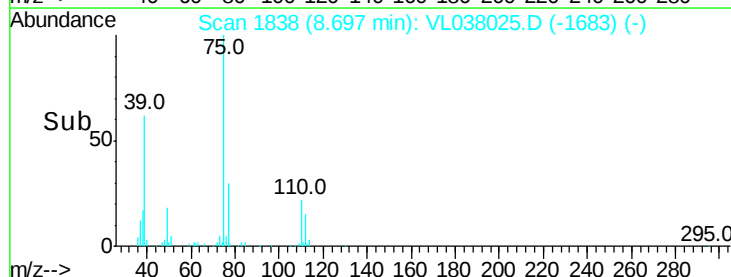
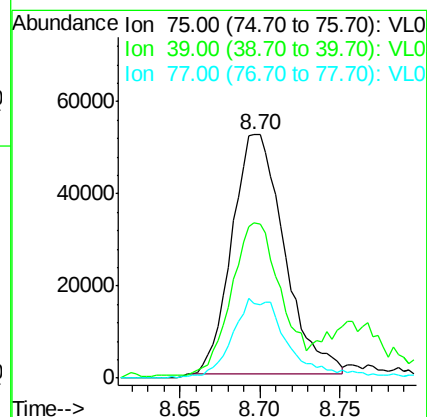
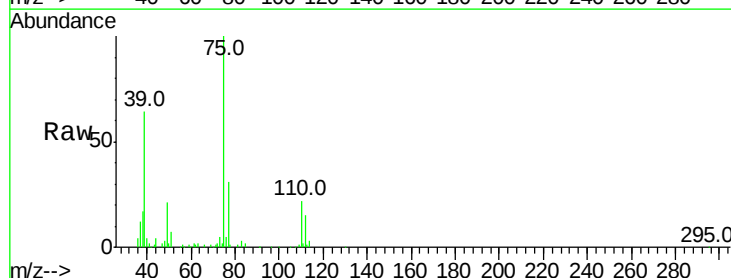
Tgt Ion: 75 Resp: 116063

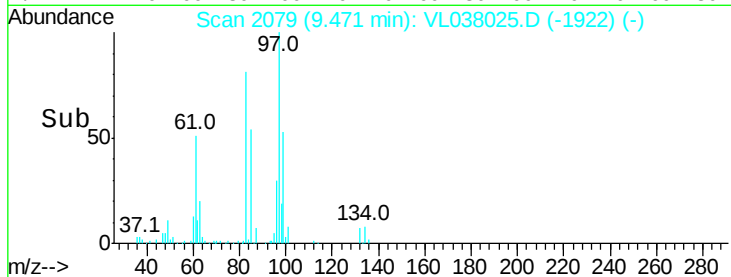
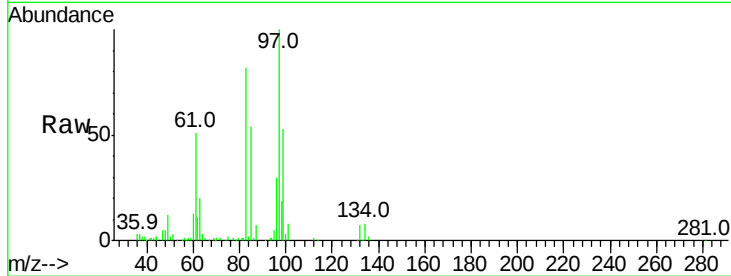
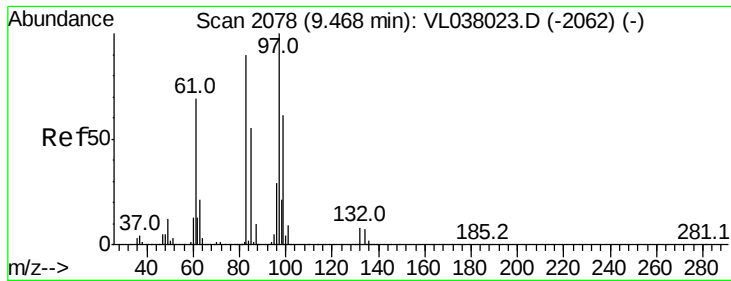
Ion Ratio Lower Upper

75 100

39 62.5 49.2 73.8

77 30.4 25.3 37.9



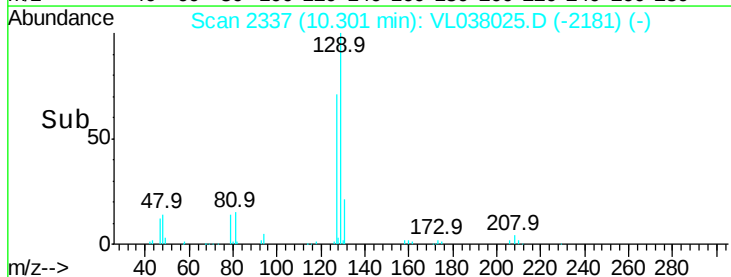
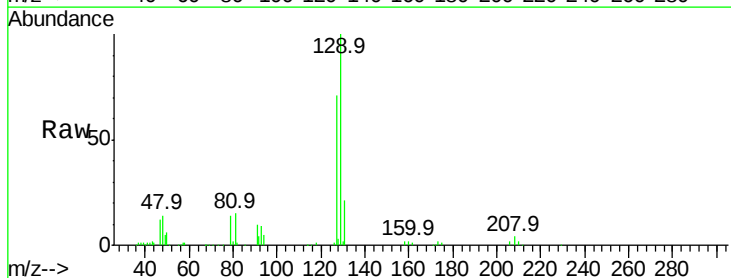
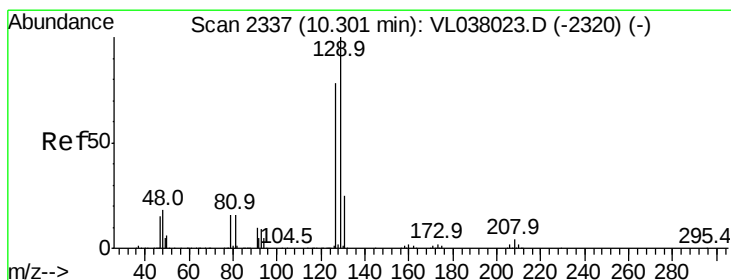
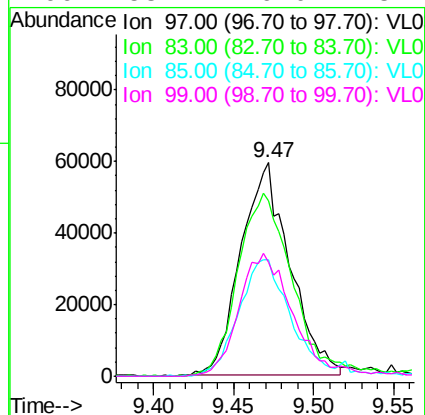


#47
1,1,2-Trichloroethane
Concen: 1.141 ppbv
RT: 9.47
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion:
Ion Ratio
97 100
83 81.
85 54.
99 53.1 49.0 73.4

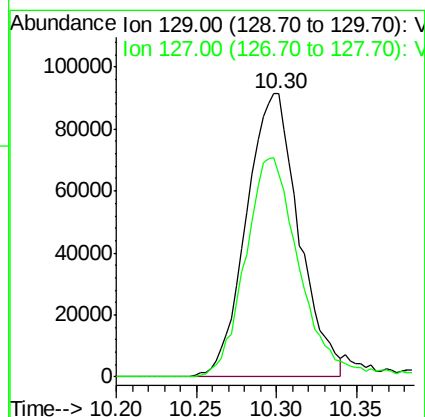
Manual Integrations
APPROVED

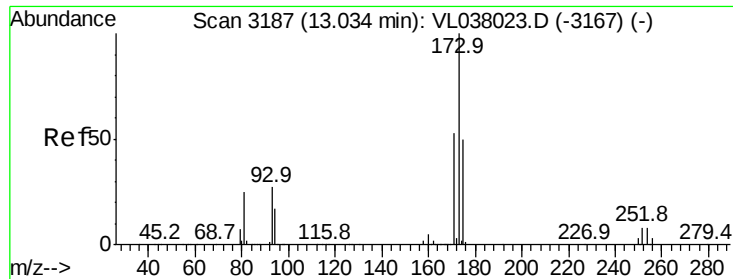
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Dibromochloromethane
Concen: 1.314 ppbv
RT: 10.30 min Scan# 2337
Delta R.T.: 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion:129 Resp: 206303
Ion Ratio Lower Upper
129 100
127 80.4 39.8 119.3





#49

Bromoform

Concen: 1.282 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 16 Nov 2021

Instrument:

MSVOA_L

ClientSampleId:

VSTDIC001

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021

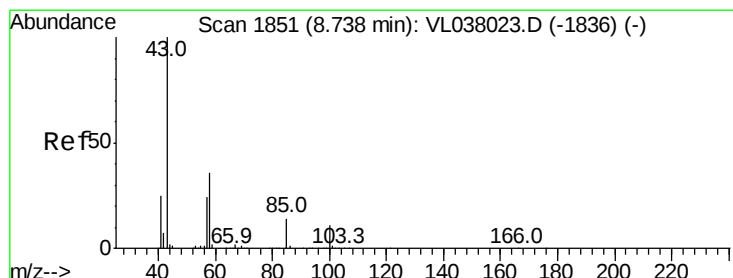
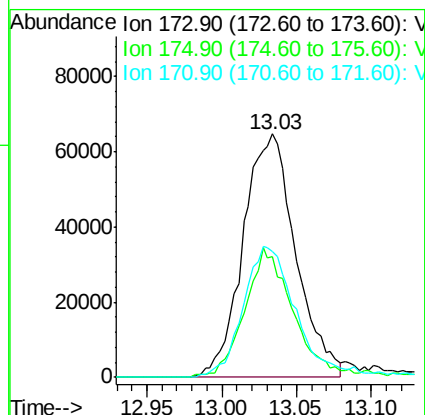
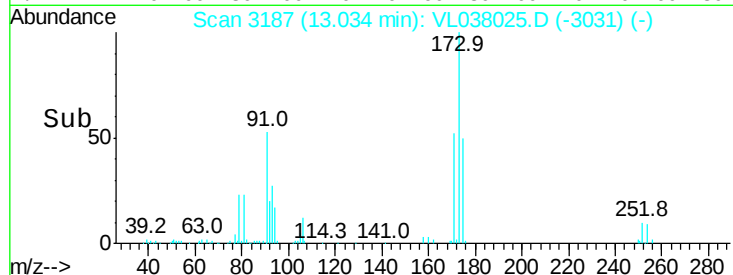
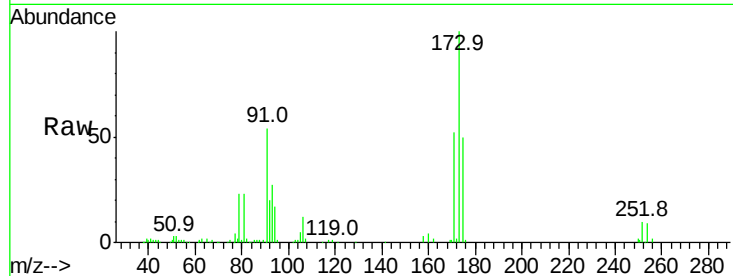
Tot Ion:1

Ion Rati

173 100

175 51.

171 55.



#50

4-Methyl-2-Pentanone

Concen: 1.289 ppbv m

RT: 8.76 min Scan# 1857

Delta R.T. 0.02 min

Lab File: VL038025.D

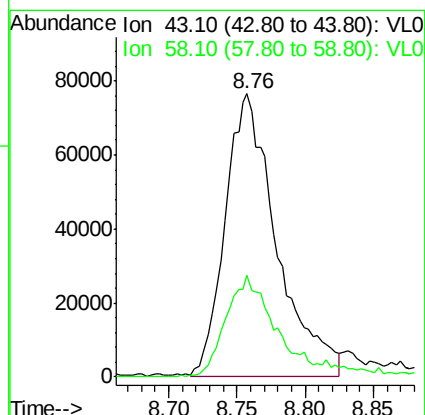
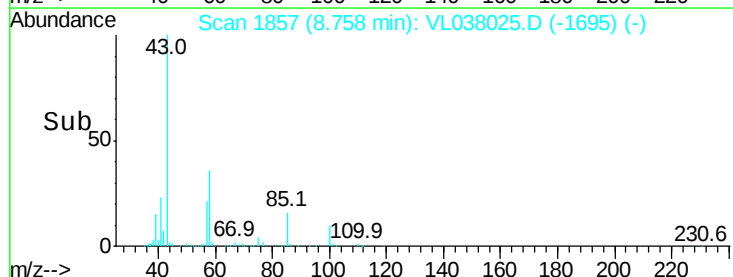
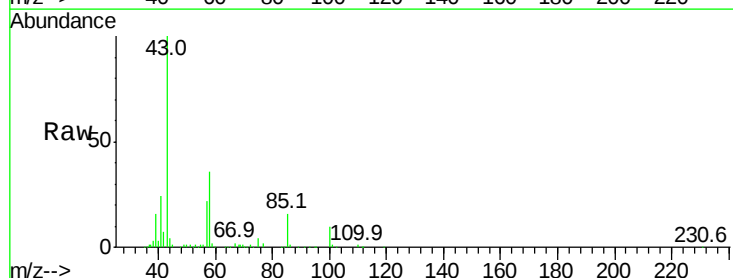
Acq: 16 Nov 2021 3:06

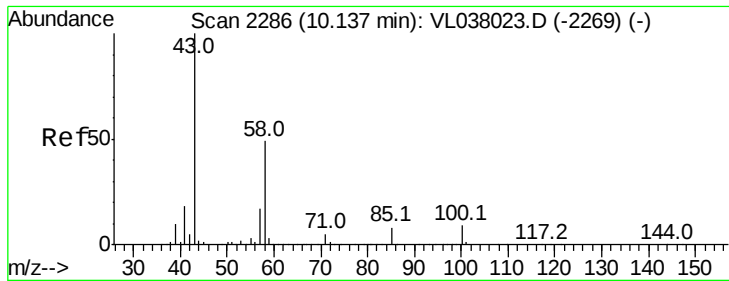
Tgt Ion: 43 Resp: 201175

Ion Ratio Lower Upper

43 100

58 37.3 29.8 44.6





#51

2-Hexanone

Concen: 1.335 ppbv m

RT: 10.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

43 100

58 53.

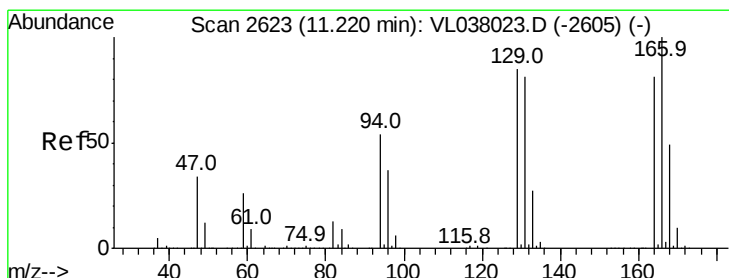
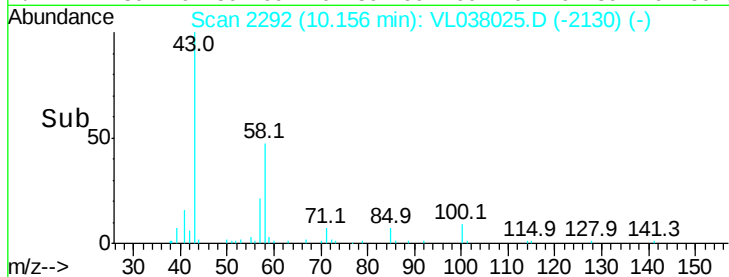
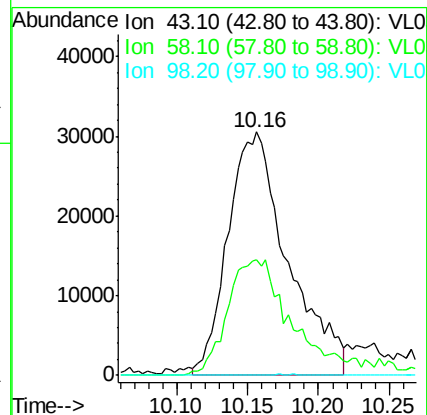
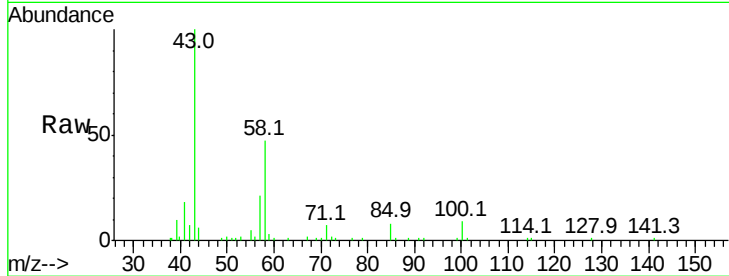
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#52

Tetrachloroethene

Concen: 1.197 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion:164 Resp: 116821

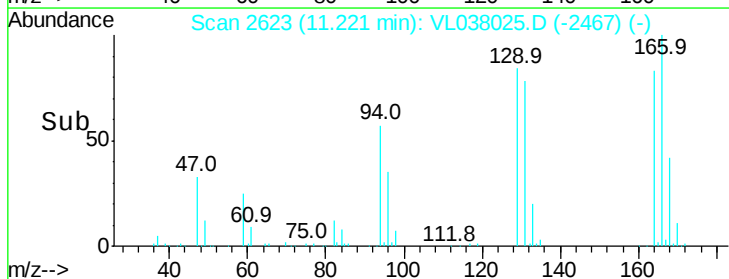
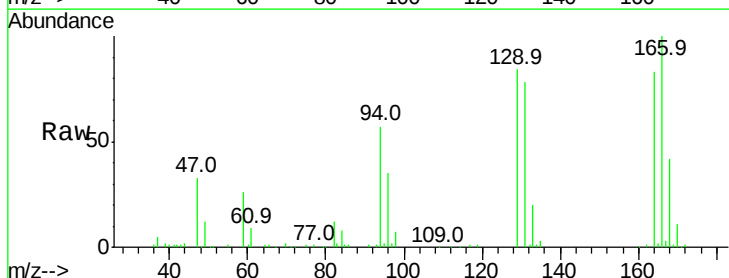
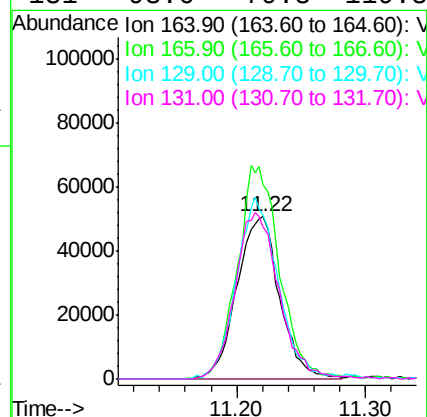
Ion Ratio Lower Upper

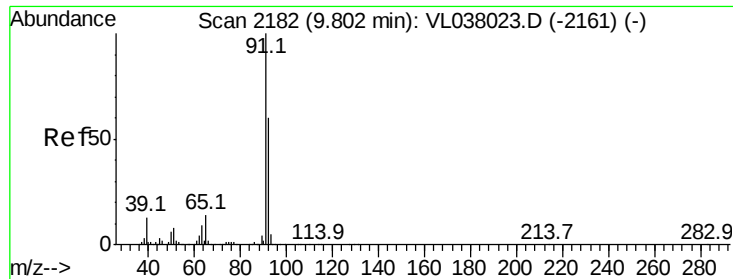
164 100

166 119.8 98.6 148.0

129 100.5 84.1 126.1

131 93.6 79.8 119.8





#53

Toluene

Concen: 1.385 ppbv

RT: 9.80 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00 VSTDIC001

Tot Ion:

Ion Ratio

91 100

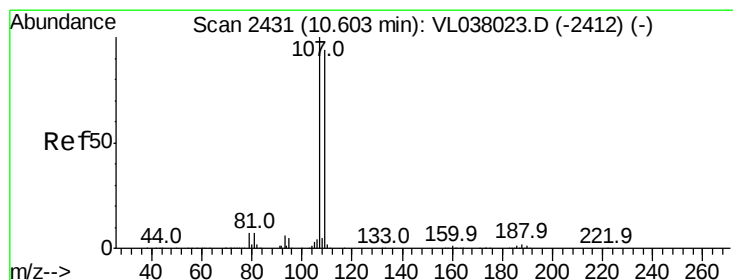
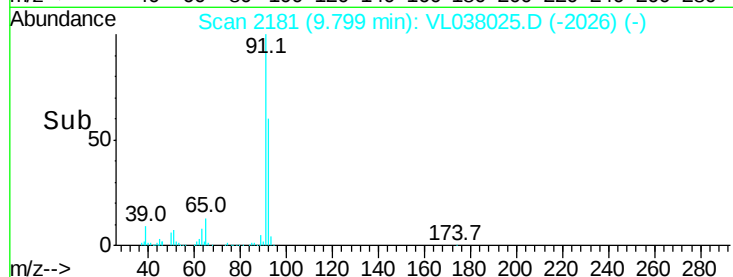
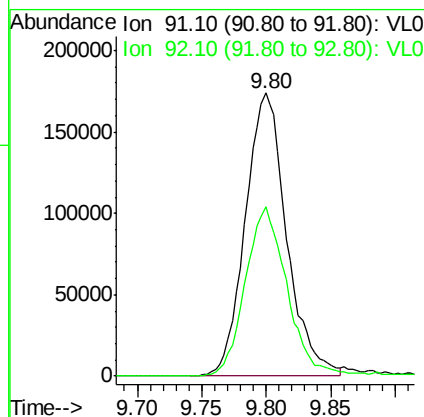
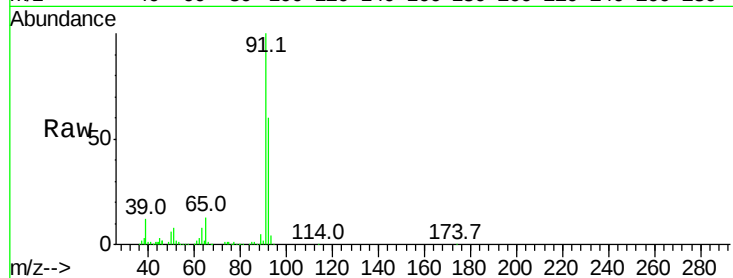
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 1.267 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VL038025.D

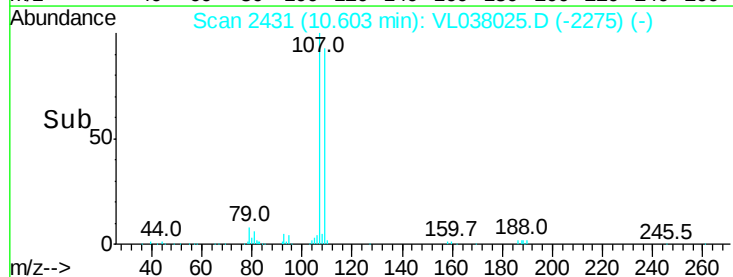
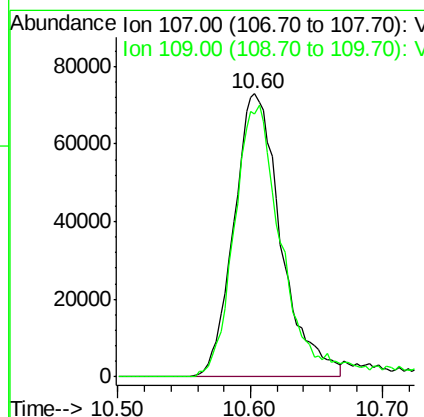
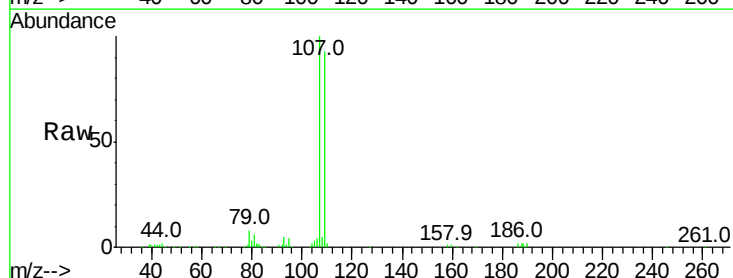
Acq: 16 Nov 2021 3:06

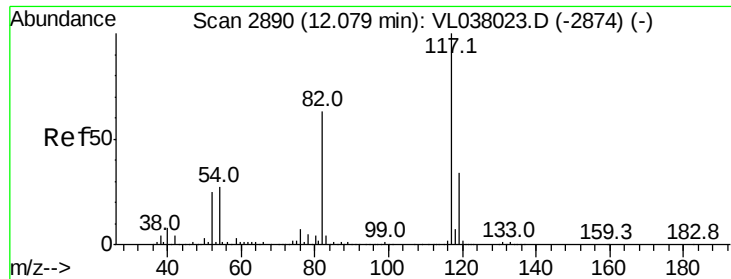
Tgt Ion:107 Resp: 180103

Ion Ratio Lower Upper

107 100

109 92.6 75.0 112.6



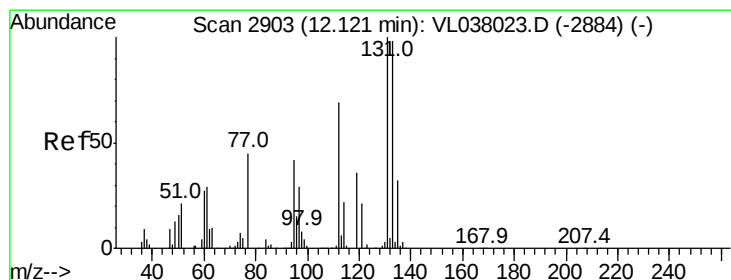
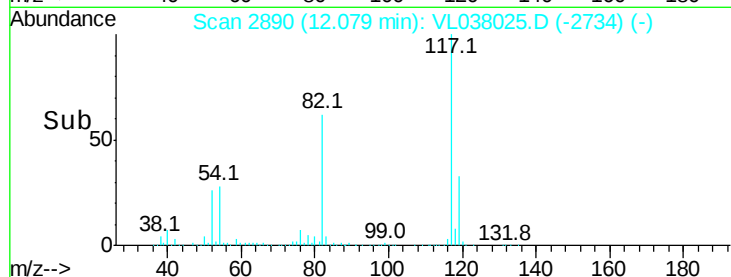
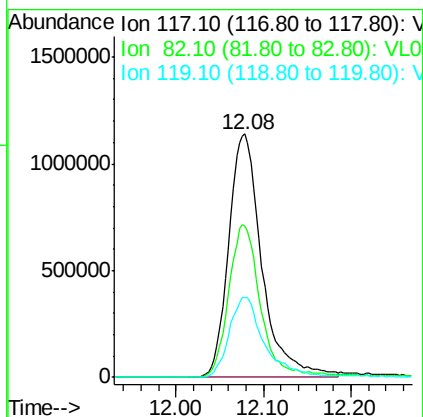
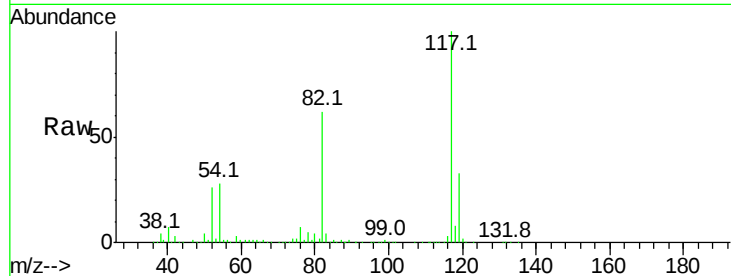


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion:1
Ion Rati
117 100
82 61.
119 35.

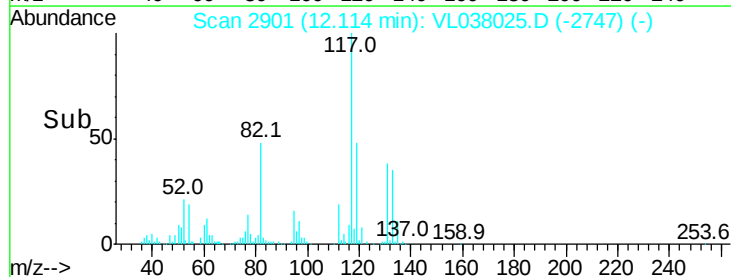
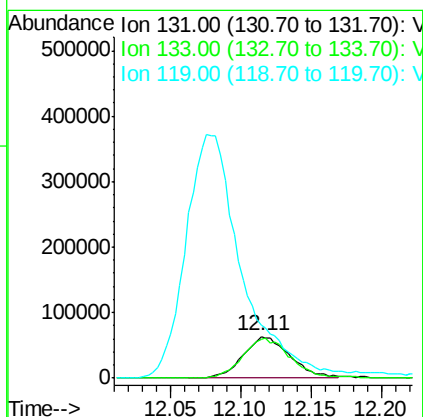
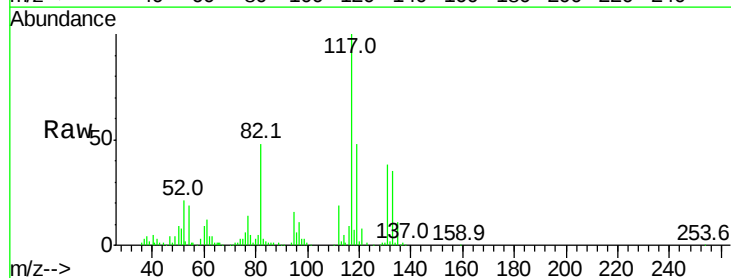
Manual Integrations
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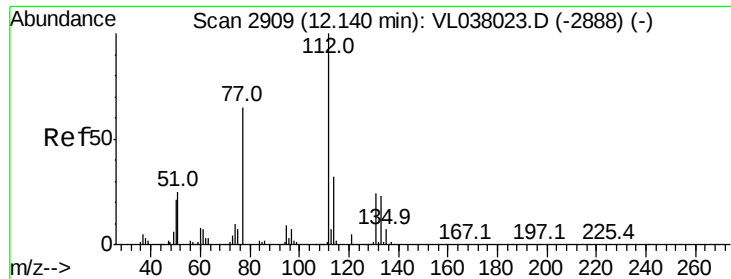
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 1.202 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.01 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion:131 Resp: 145446
Ion Ratio Lower Upper
131 100
133 100.5 77.8 116.8
119 737.5 121.1 181.7#



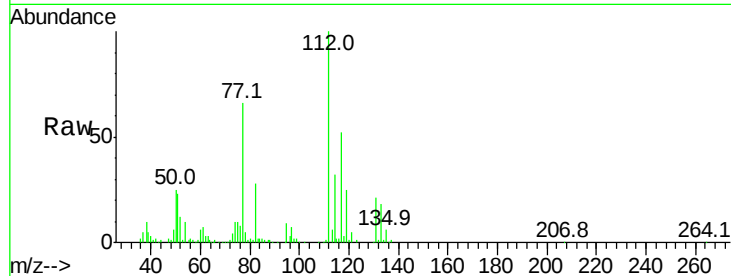


#57
Chlorobenzene
Concen: 1.138 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC001
Acq: 16 Nov 2021 3:00

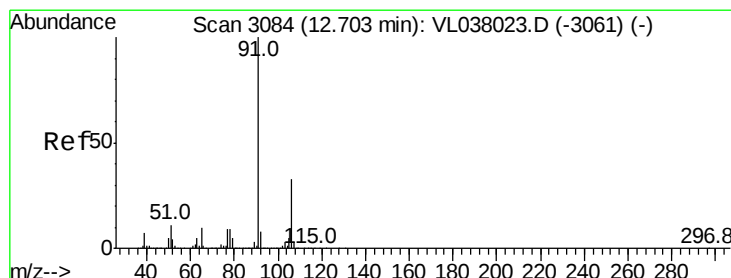
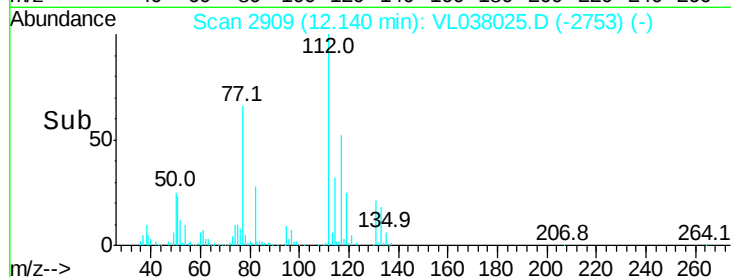
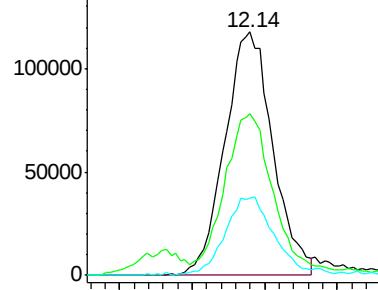
Tot Ion: 1
Ion Ratio
112 100
77 61.
114 31.

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

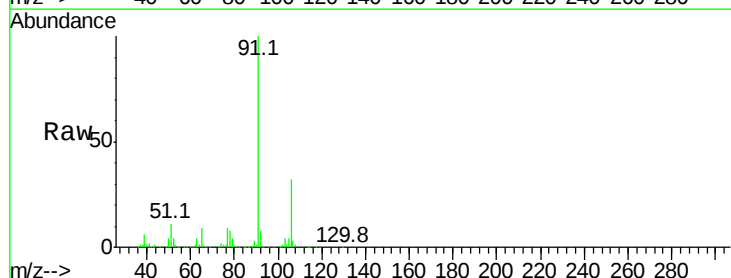


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

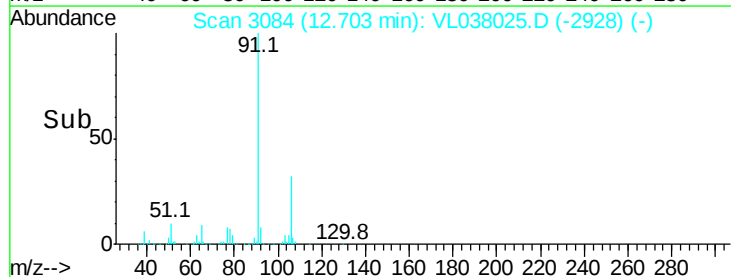
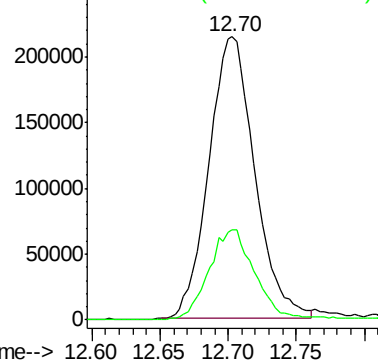


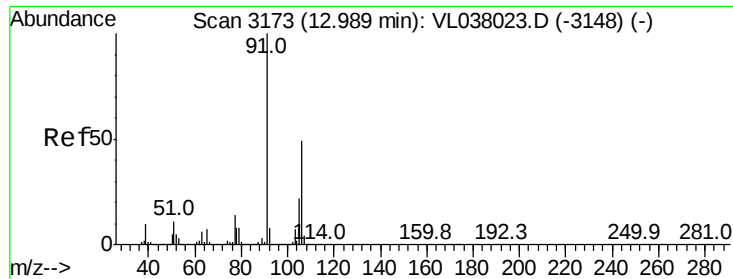
#58
Ethyl Benzene
Concen: 1.356 ppbv
RT: 12.70 min Scan# 3084
Delta R.T.: 0.00 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 91 Resp: 500844
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2



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





#59

m/p-Xylene

Concen: 2.664 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

91 100

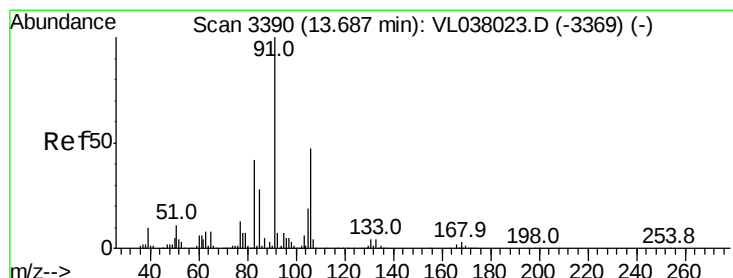
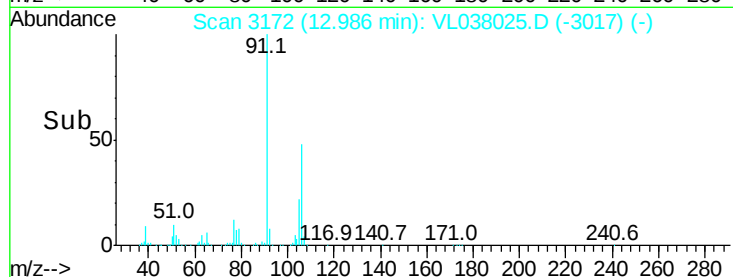
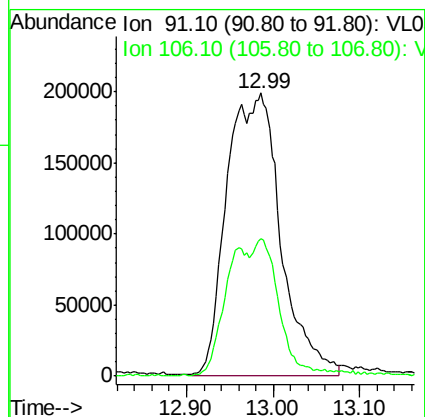
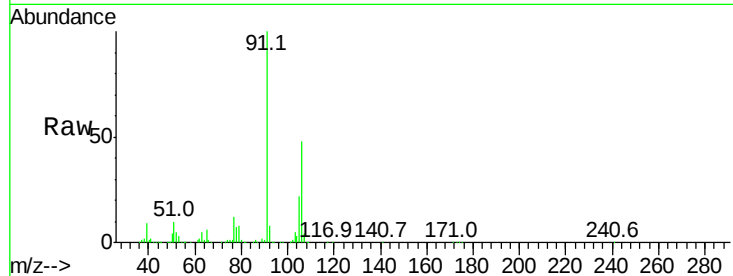
106 45.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

o-Xylene

Concen: 1.329 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VL038025.D

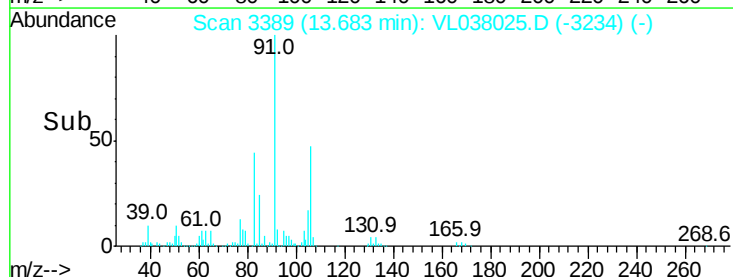
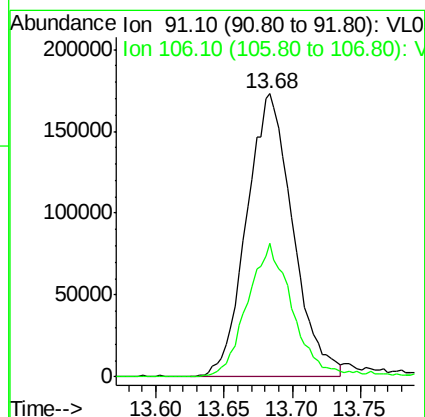
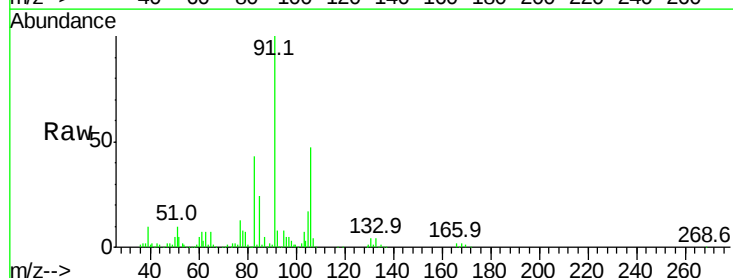
Acq: 16 Nov 2021 3:06

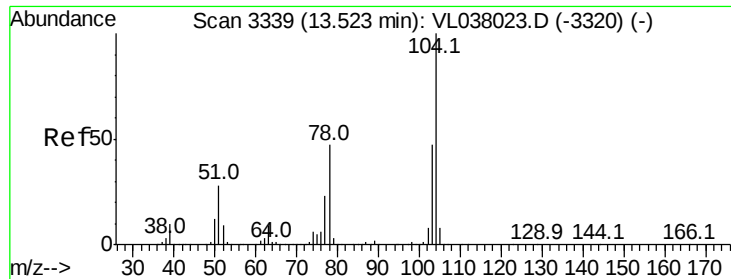
Tgt Ion: 91 Resp: 405437

Ion Ratio Lower Upper

91 100

106 47.5 24.2 72.6





#61

Stvrene

Concen: 1.481 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

Tot Ion:1

Ion Rati

104 100

78 50.

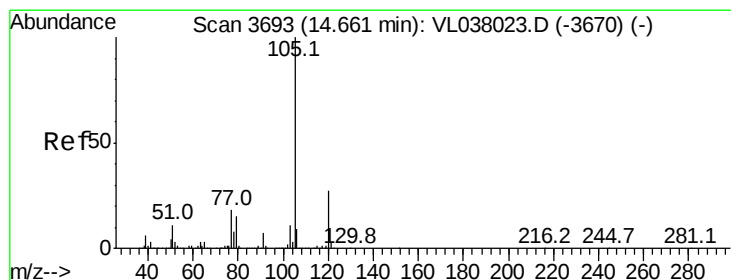
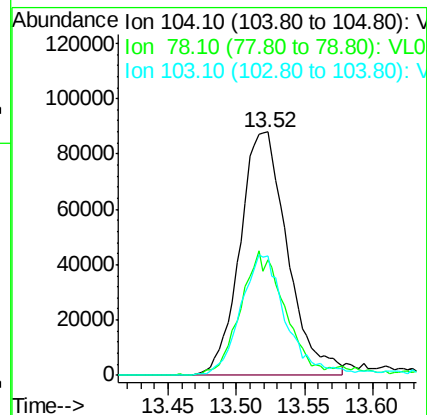
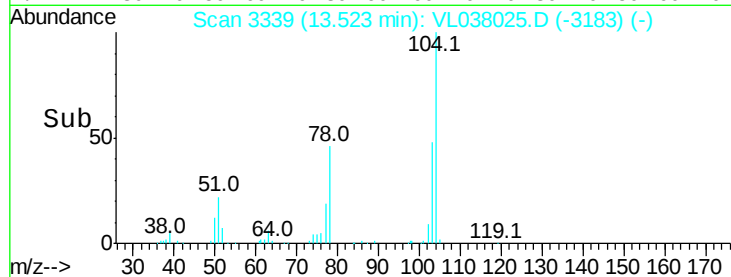
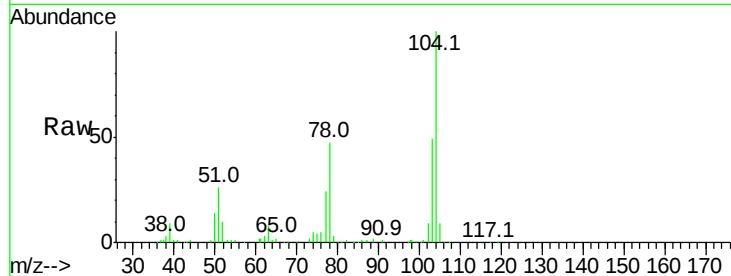
103 48.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#62

Isopropylbenzene

Concen: 1.316 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL038025.D

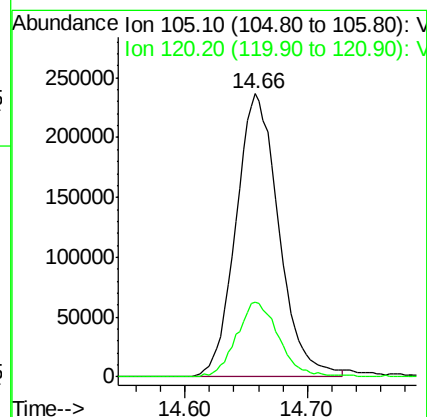
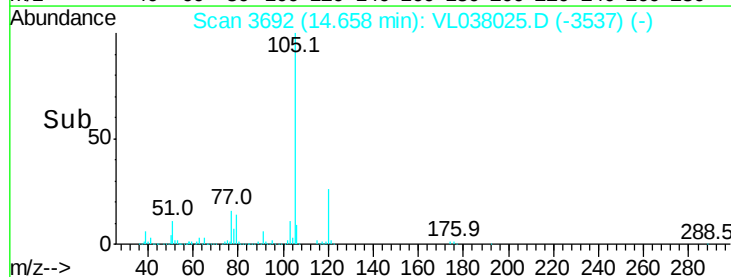
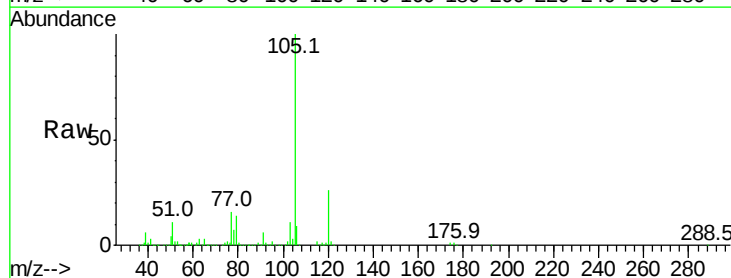
Acq: 16 Nov 2021 3:06

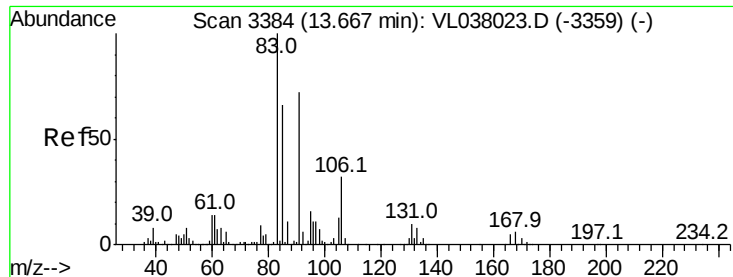
Tgt Ion:105 Resp: 573790

Ion Ratio Lower Upper

105 100

120 26.3 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 1.070 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

Tot Ion:

Ion Ratio

83 100

131 9.

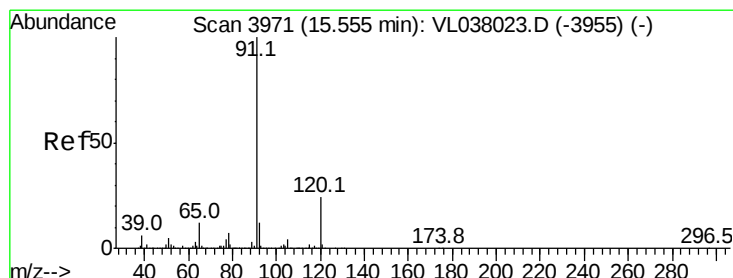
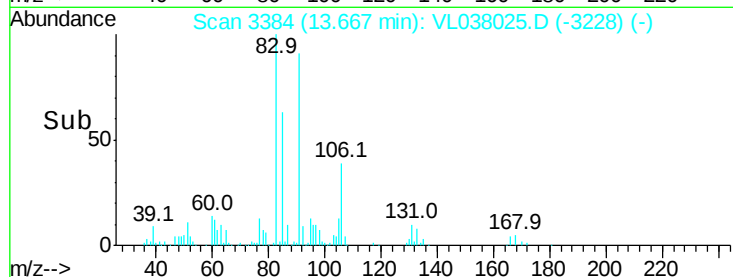
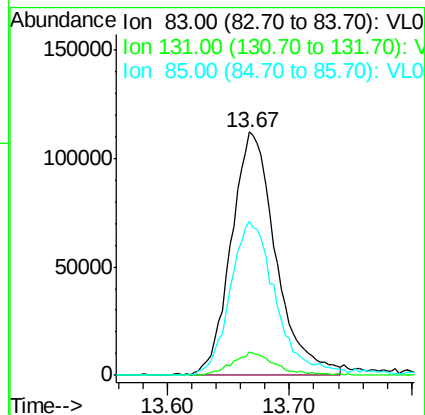
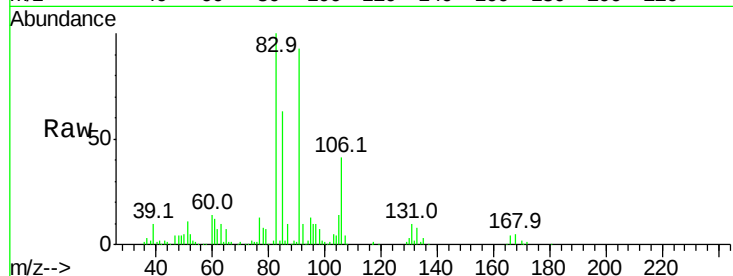
85 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 1.291 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.00 min

Lab File: VL038025.D

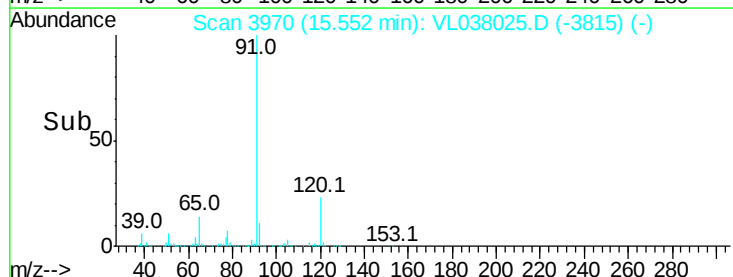
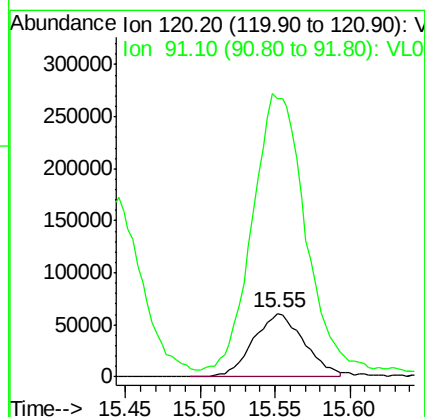
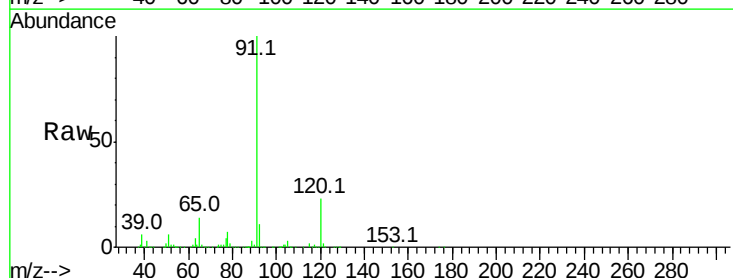
Acq: 16 Nov 2021 3:06

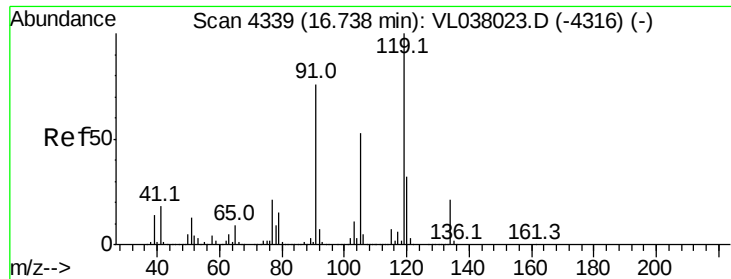
Tgt Ion:120 Resp: 143202

Ion Ratio Lower Upper

120 100

91 489.4 367.4 551.0



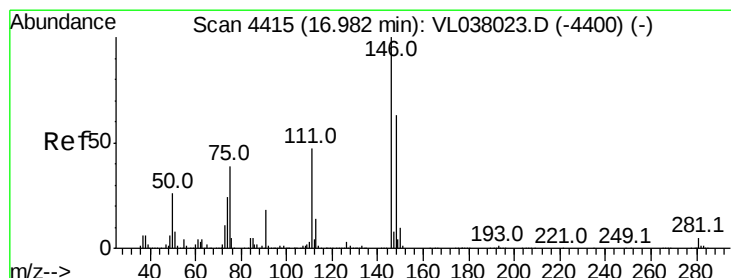
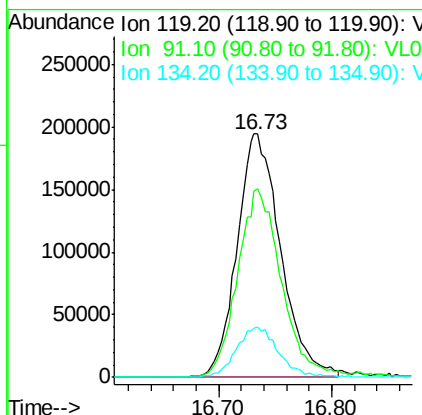
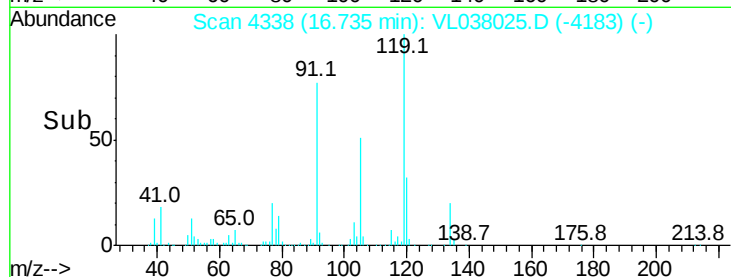
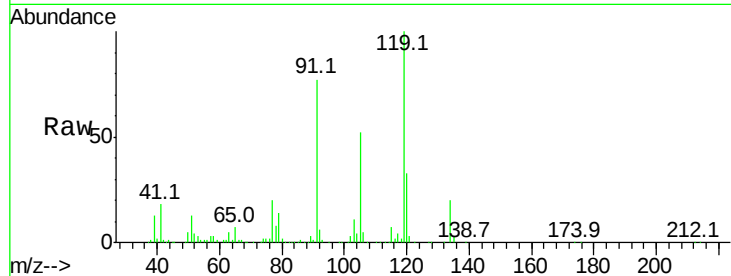


#65
 tert-Butylbenzene
 Concen: 1.364 ppbv
 RT: 16.73 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion: 1
 Ion Ratio
 119 100
 91 77.
 134 20.

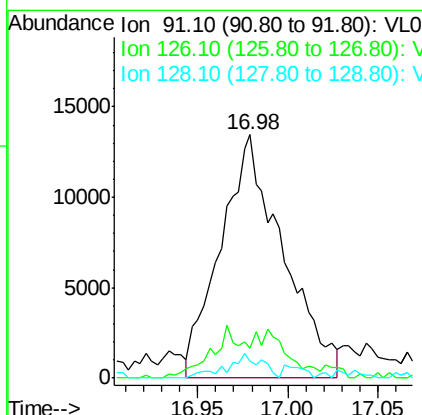
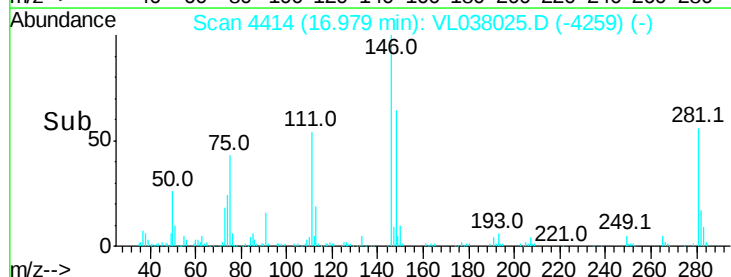
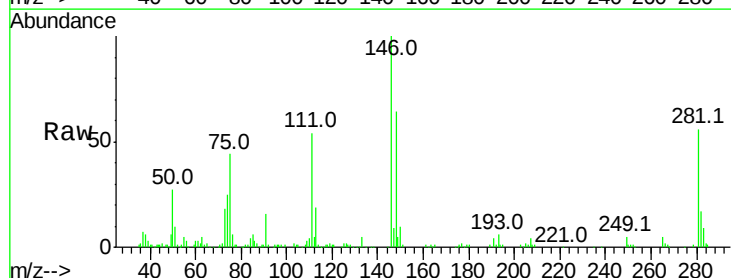
Manual Integrations
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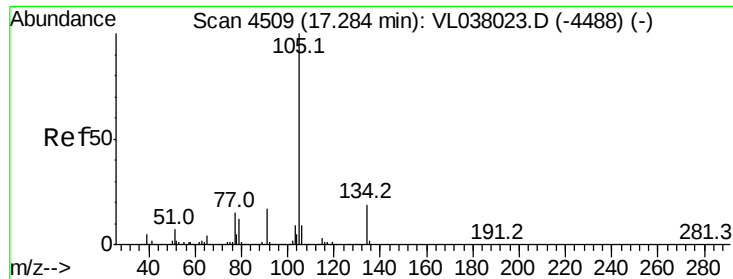
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#66
 Benzyl Chloride
 Concen: 1.555 ppbv m
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 91 Resp: 32370
 Ion Ratio Lower Upper
 91 100
 126 22.8 16.4 24.6
 128 7.5 5.6 8.4





#67

sec-Butylbenzene

Concen: 1.349 ppbv

RT: 17.29

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion:1

Ion Ratio

105 100

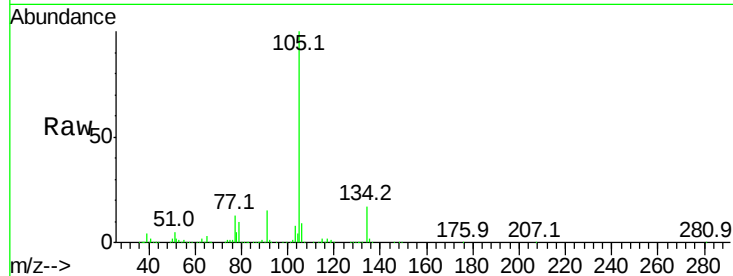
134 18.

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

17.29

300000

250000

200000

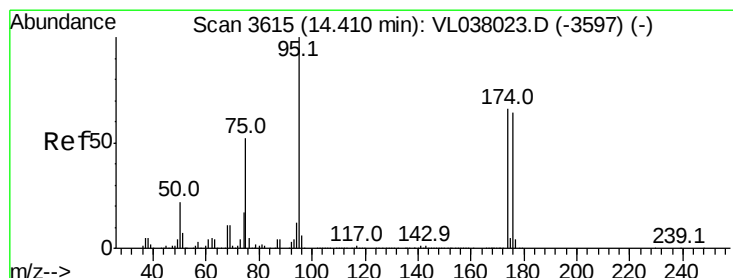
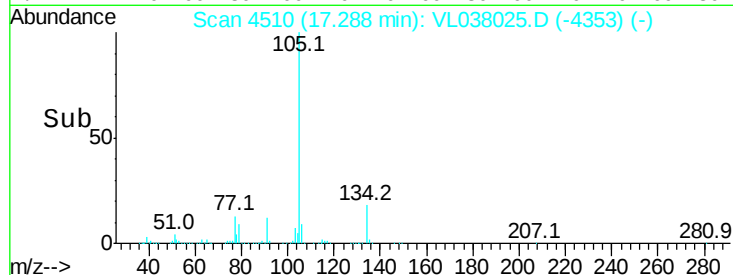
150000

100000

50000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 9.800 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

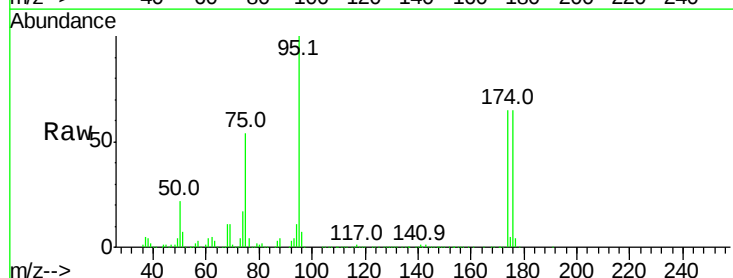
Tgt Ion: 95 Resp: 2116561

Ion Ratio Lower Upper

95 100

174 68.5 54.9 82.3

175 5.3 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

14.41

1000000

800000

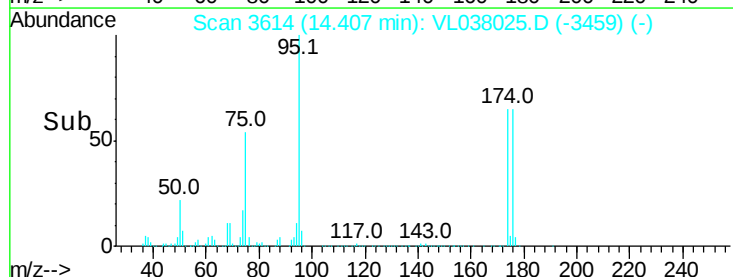
600000

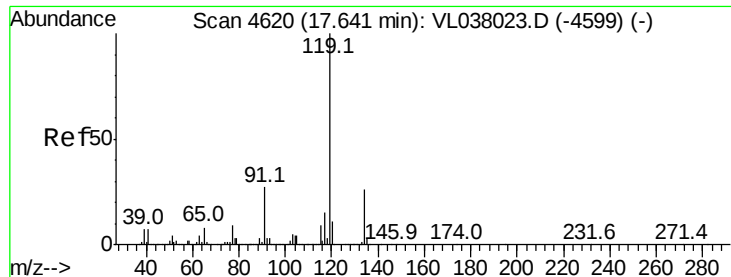
400000

200000

0

Time-->



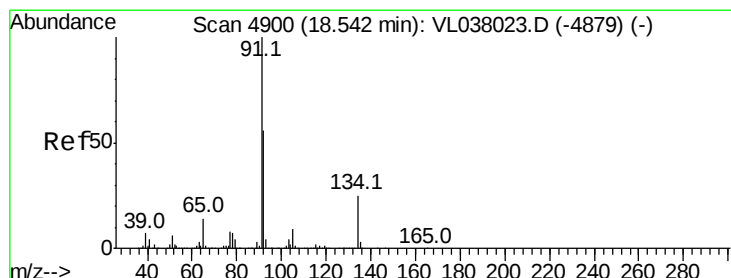
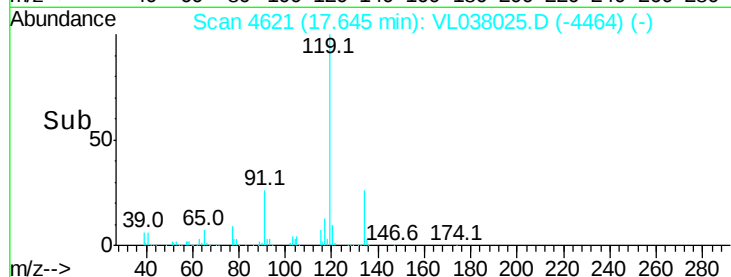
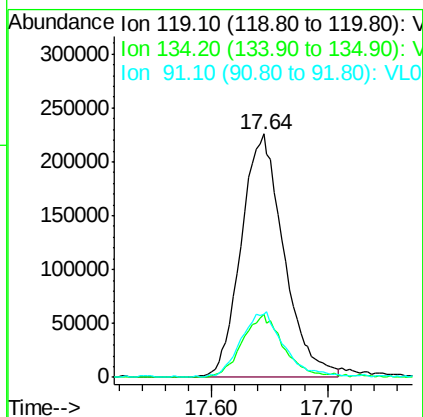
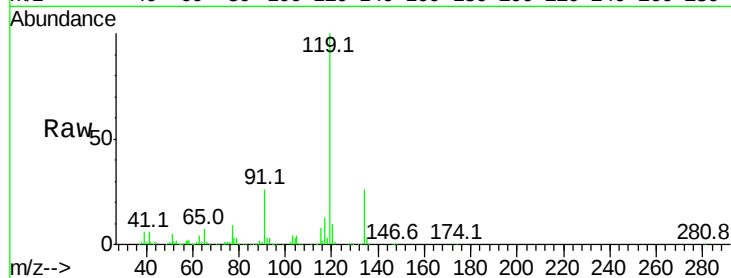


#69
 p-Isopropyltoluene
 Concen: 1.366 ppbv
 RT: 17.64 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 26.

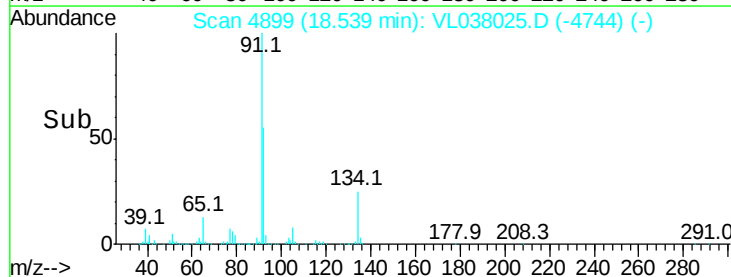
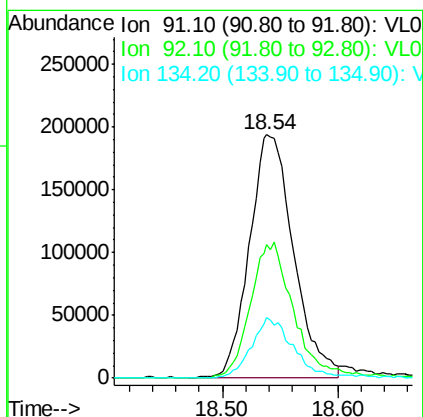
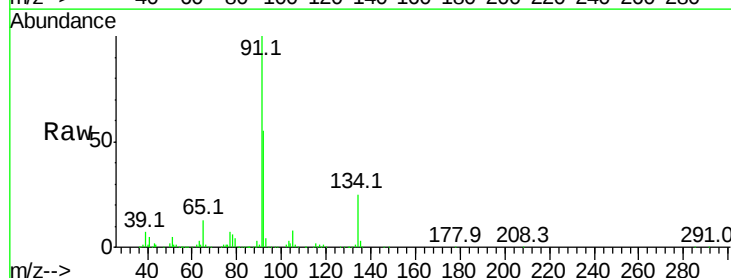
Manual Integrations
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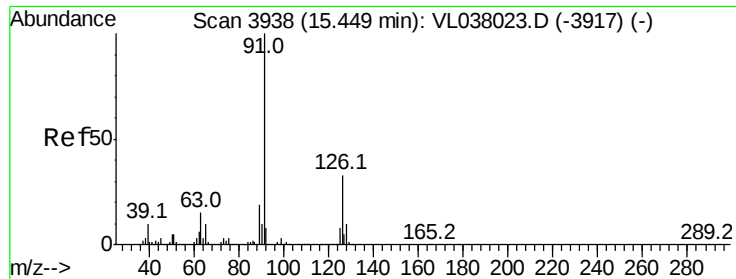
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#70
 n-Butylbenzene
 Concen: 1.320 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion: 91 Resp: 511567
 Ion Ratio Lower Upper
 91 100
 92 55.7 44.2 66.2
 134 24.2 19.7 29.5



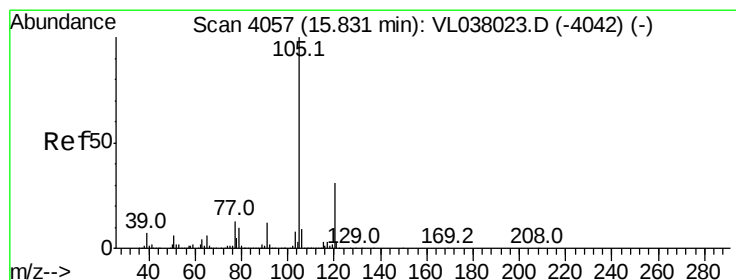
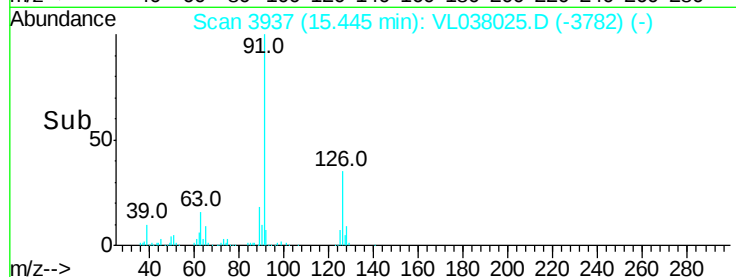
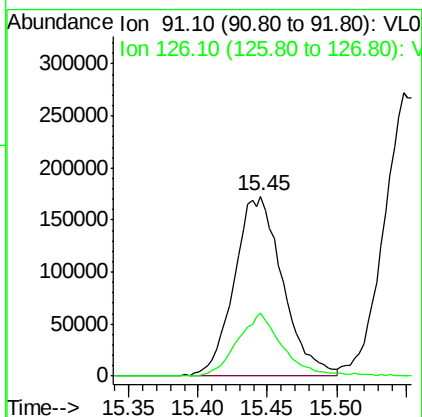
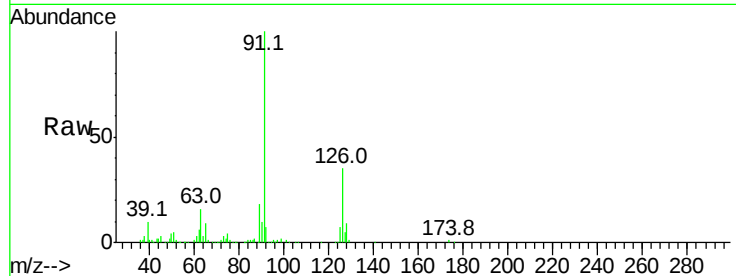


#71
 2-Chlorotoluene
 Concen: 1.383 ppbv m
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 16 Nov 2021 3:00

Tot Ion:
 Ion Ratio
 91 100
 126 33.

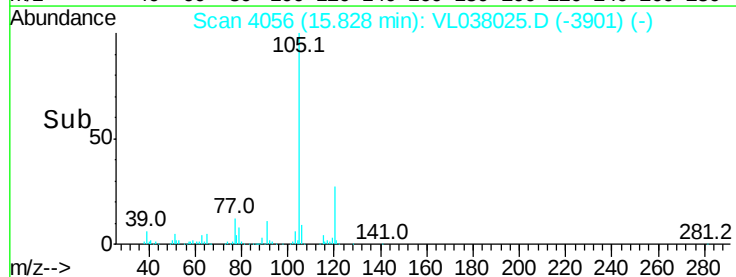
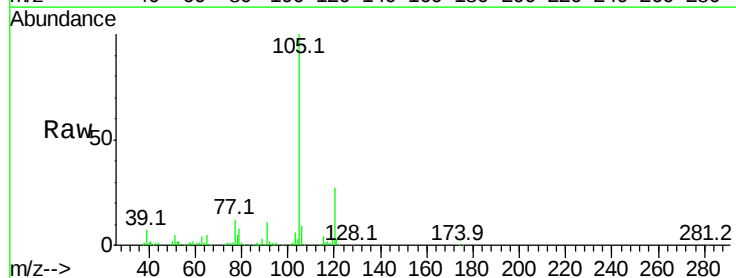
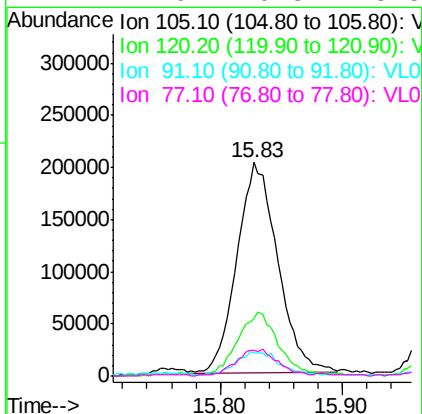
Manual Integrations
 APPROVED

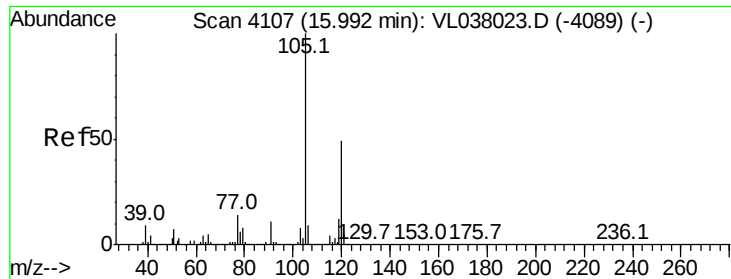
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#72
 4-Ethyltoluene
 Concen: 1.327 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL038025.D
 Acq: 16 Nov 2021 3:06

Tgt Ion:105 Resp: 468828
 Ion Ratio Lower Upper
 105 100
 120 30.4 24.6 36.8
 91 12.4 9.3 13.9
 77 12.9 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 1.291 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 3:00

Tot Ion:1

Ion Rati

105 100

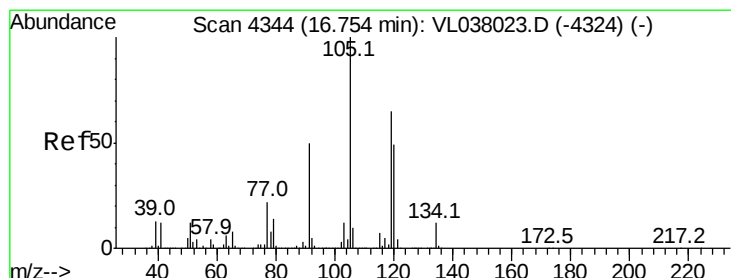
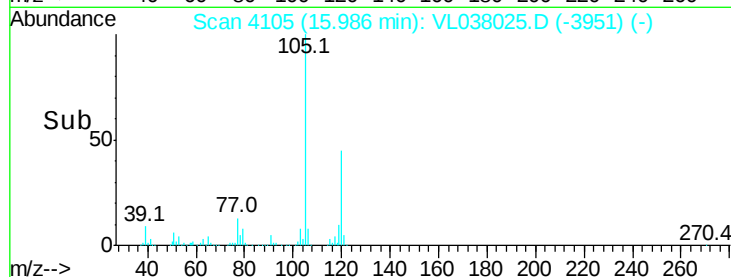
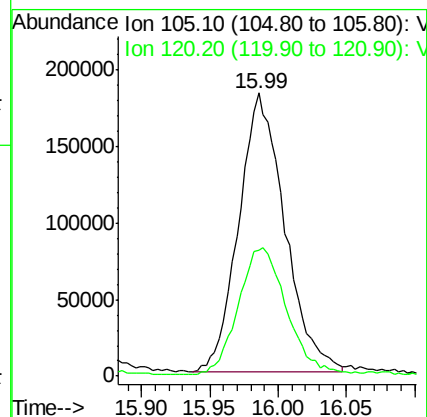
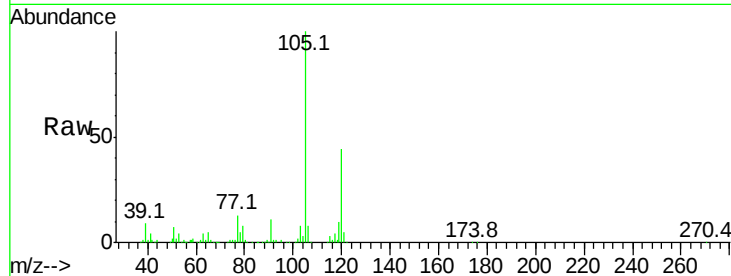
120 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 1.319 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.01 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

Tgt Ion:105 Resp: 450862

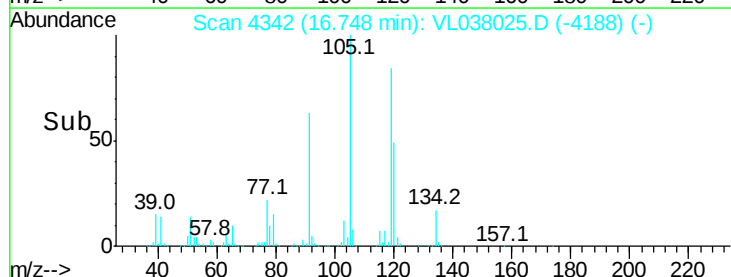
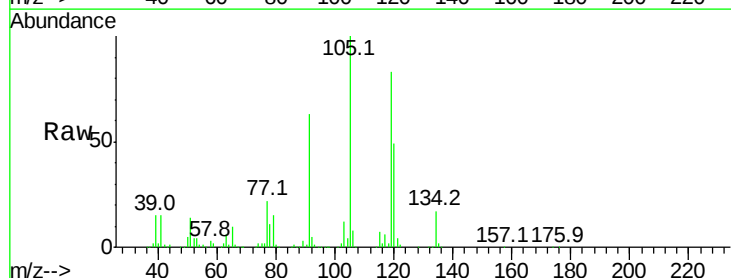
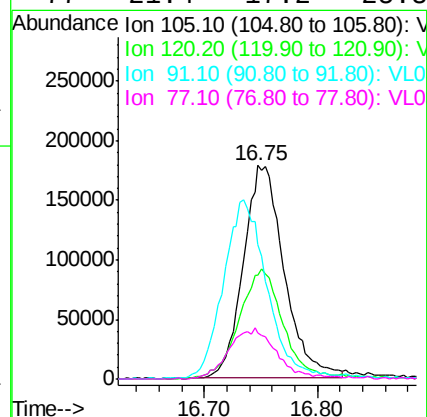
Ion Ratio Lower Upper

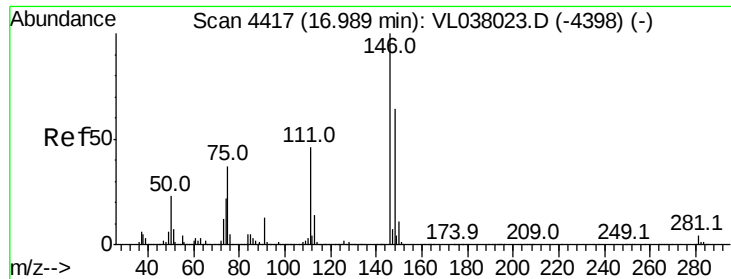
105 100

120 48.3 39.5 59.3

91 61.1 40.9 61.3

77 21.4 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 1.140 ppbv m

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC001

Acq: 16 Nov 2021 3:00

Tot Ion:1

Ion Rati

146 100

111 47.

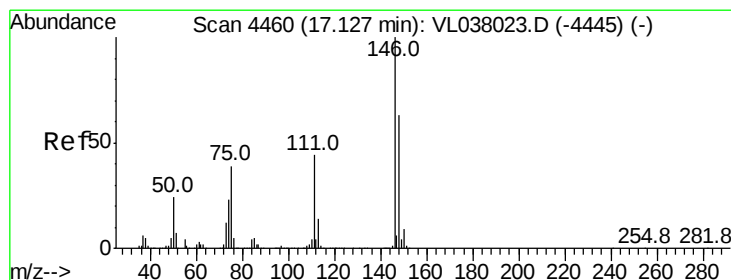
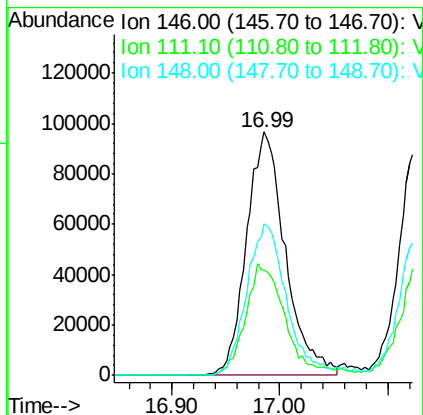
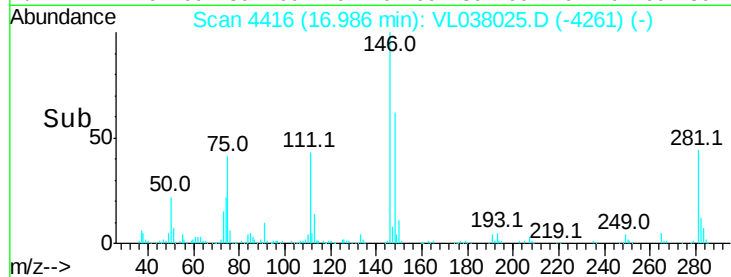
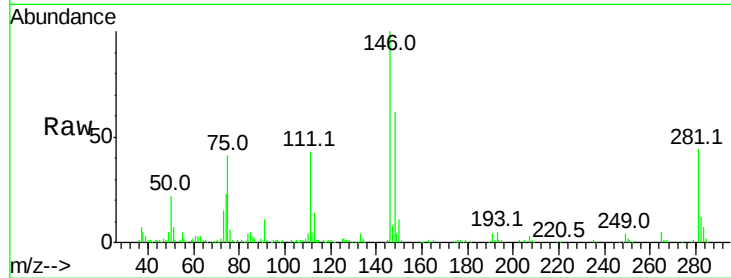
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 1.187 ppbv m

RT: 17.13 min Scan# 4460

Delta R.T. 0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

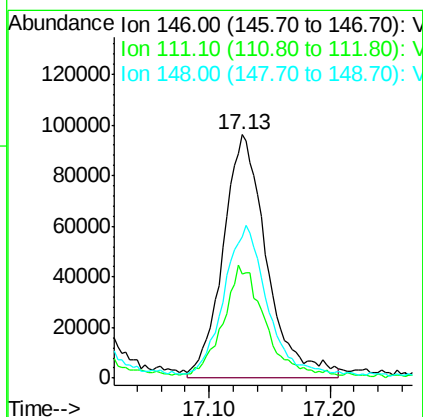
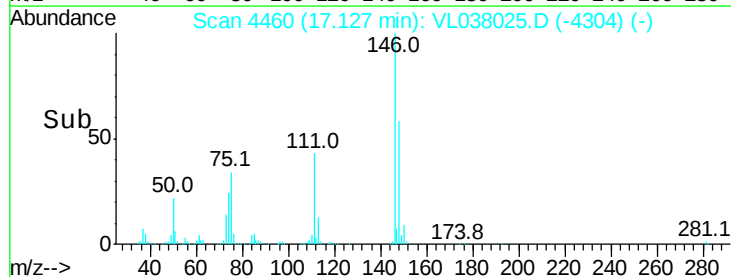
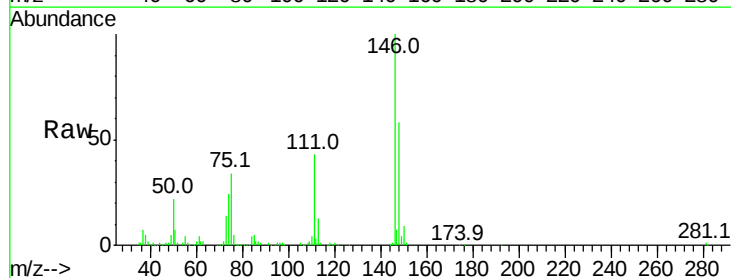
Tgt Ion:146 Resp: 244257

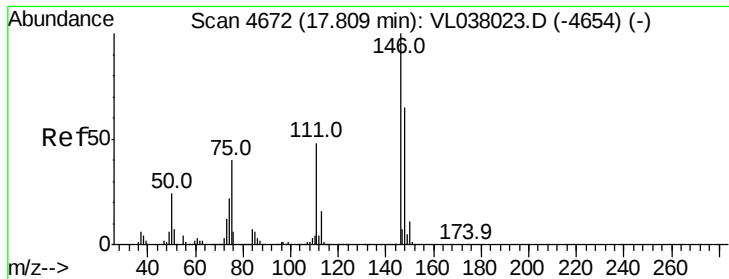
Ion Ratio Lower Upper

146 100

111 45.5 22.5 67.5

148 64.9 32.6 98.0





#77

1,2-Dichlorobenzene

Concen: 1.159 ppbv

RT: 17.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 3:00

Tot Ion:1

Ion Rati

146 100

111 49.

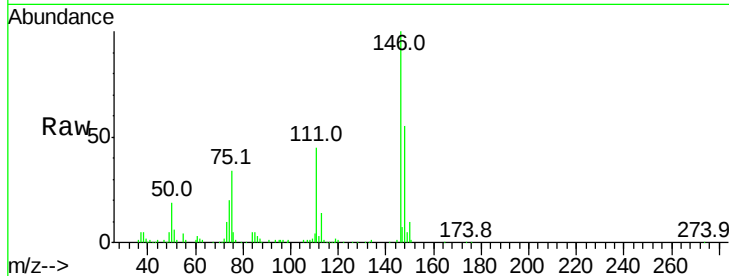
148 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

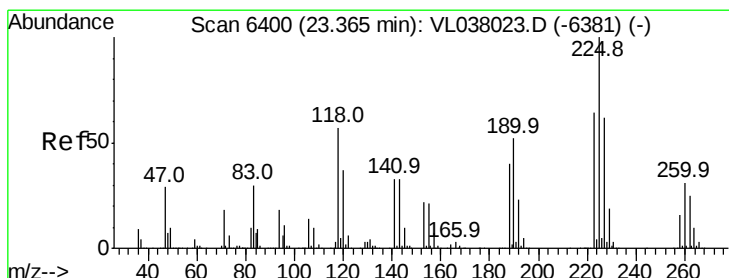
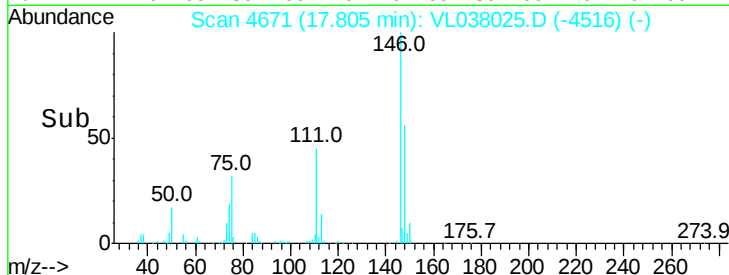
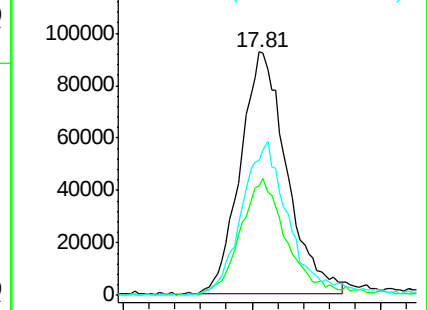
Supervised By :Mahesh Dadoda 11/17/2021



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: 0.964 ppbv

RT: 23.36 min Scan# 6399

Delta R.T. -0.00 min

Lab File: VL038025.D

Acq: 16 Nov 2021 3:06

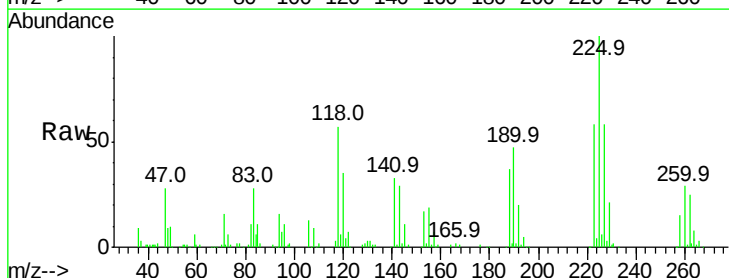
Tgt Ion:225 Resp: 158399

Ion Ratio Lower Upper

225 100

223 63.6 51.0 76.4

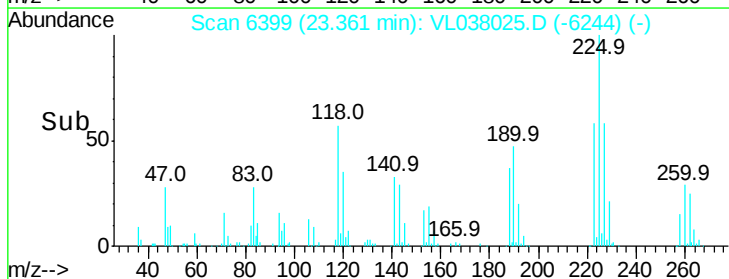
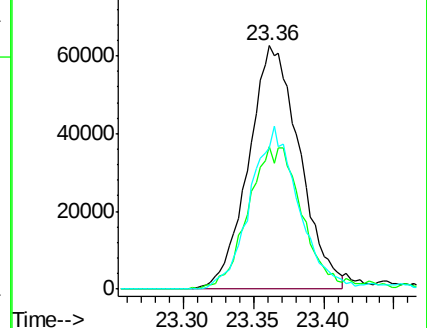
227 65.4 51.4 77.2

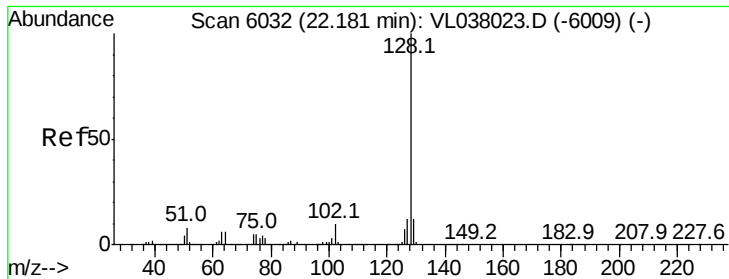


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



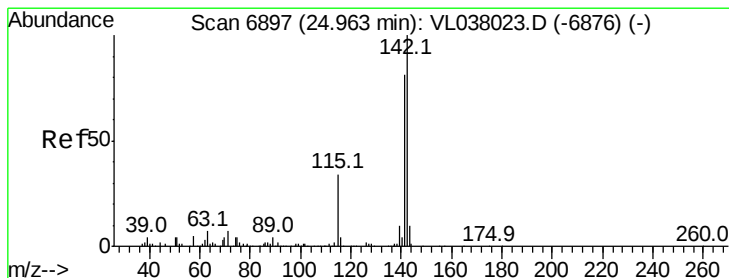
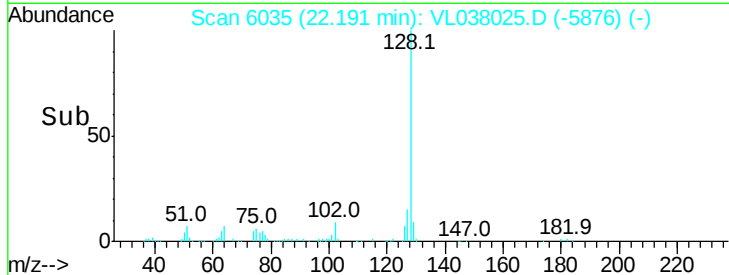
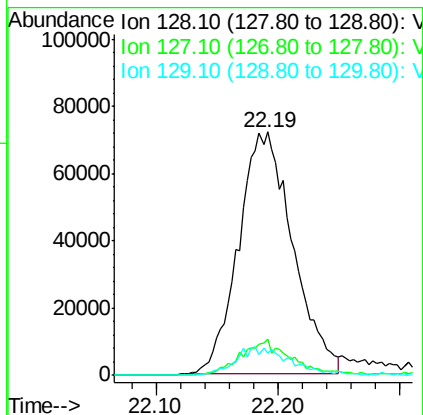
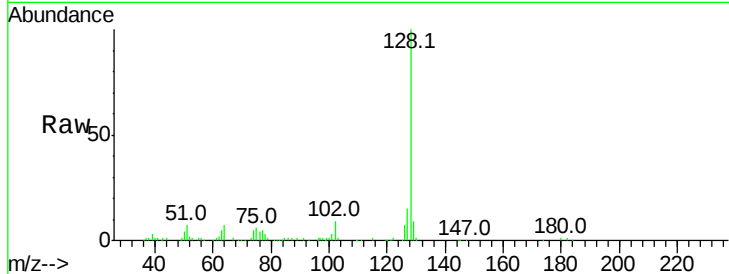


#79
Naphthalene
Concen: 1.171 ppbv
RT: 22.19 min
Delta R.T.: 0.01 min
Lab File: VSTDIC001
Acq: 16 Nov 2021 3:00

Tot Ion: 1
Ion Ratio
128 100
127 15.
129 10.

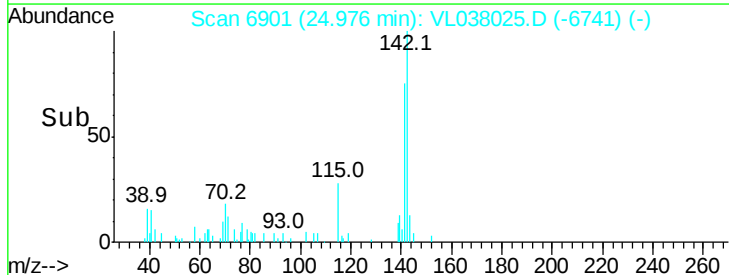
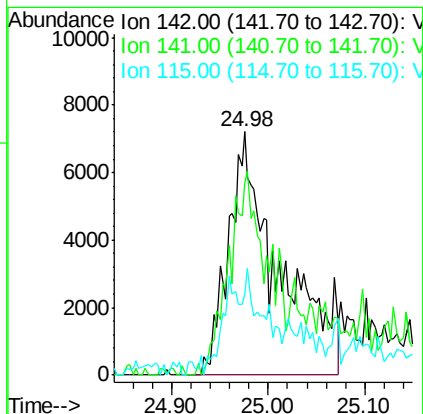
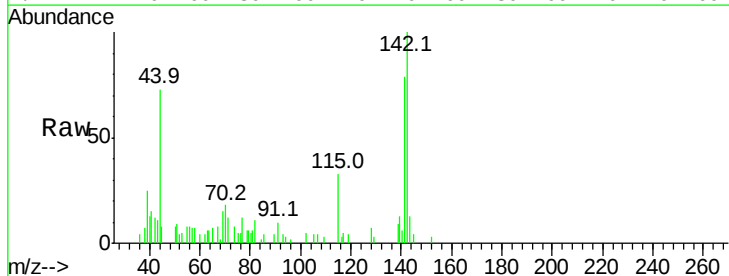
Manual Integrations
APPROVED

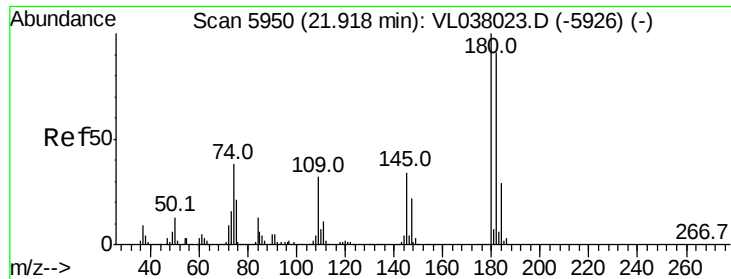
Reviewed By : Semsettin Yesilyurt 11/17/2021
Supervised By : Mahesh Dadoda 11/17/2021



#80
Naphthalene, 2-methyl-
Concen: 0.813 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: 0.01 min
Lab File: VL038025.D
Acq: 16 Nov 2021 3:06

Tgt Ion: 142 Resp: 26349
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.0
115 33.6 28.1 42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 1.085 ppbv m
 RT: 21.91
 Delta R.T
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 16 Nov 2021 3.00

Tot Ion:1
 Ion Rati
 180 100
 182 0.
 184 30.

Manual Integrations
 APPROVED

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

