

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038030.D
 Acq On : 16 Nov 2021 6:54
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 ICVVL111621

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 10:03:42 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	719451	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2901742	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2659873m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2012318	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1320662	9.023 ppbv	99
3) Chlorodifluoromethane	2.99	51	1700216	9.090 ppbv	100
4) Chloromethane	3.14	50	622182	9.349 ppbv	98
5) Vinyl Chloride	3.26	62	622347	9.742 ppbv	97
6) Bromomethane	3.47	94	324238	9.497 ppbv	97
7) Chloroethane	3.56	64	208827	9.295 ppbv	91
8) Dichlorotetrafluoroethane	3.19	85	1403262	9.256 ppbv	100
9) Propene	3.01	41	638063	9.045 ppbv	99
10) Heptane	8.11	43	1581794	9.110 ppbv	100
11) Trichlorofluoromethane	3.95	101	1362655	9.423 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1047273	9.343 ppbv	98
13) Ethanol	3.62	45	56849m	9.091 ppbv	
14) Bromoethene	3.74	108	437310	9.331 ppbv	97
15) Acetone	3.85	43	722876	8.546 ppbv	98
16) 1,3-Butadiene	3.33	39	598458	9.554 ppbv	98
17) tert-Butyl alcohol	4.29	59	1036849	9.127 ppbv	99
18) 1,1-Dichloroethene	4.29	96	489282	9.458 ppbv	93
19) Isopropyl Alcohol	3.97	45	529106	8.542 ppbv #	40
20) Methylene Chloride	4.34	84	404452	8.151 ppbv	96
21) Allyl Chloride	4.41	41	785649	9.281 ppbv	100
22) trans-1,2-Dichloroethene	4.88	96	502939	9.636 ppbv	95
23) Vinyl Acetate	5.07	43	1313312	9.374 ppbv	99
24) 1,1-Dichloroethane	5.01	63	1031280	9.437 ppbv	99
25) Ethyl Acetate	5.67	43	1781852	8.955 ppbv	100
26) Hexane	5.68	57	836167	8.365 ppbv	97
27) Carbon Disulfide	4.55	76	1296692	9.891 ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	1203944	9.391 ppbv	99
29) Chloroform	5.75	83	1419336	9.427 ppbv	98
30) Cyclohexane	7.12	84	1002743	8.907 ppbv	98
31) cis-1,2-Dichloroethene	5.54	61	797752	9.639 ppbv	97
32) 1,1,1-Trichloroethane	6.51	97	1699955	8.898 ppbv	100
34) 2-Butanone	5.24	43	821283	8.581 ppbv	98
35) Carbon Tetrachloride	7.01	117	1718424	8.568 ppbv	100
36) Benzene	6.89	78	2439769	8.839 ppbv	99
37) 1,2-Dichloroethane	6.30	62	1178527	9.199 ppbv	99
38) Trichloroethene	7.83	130	889066	7.928 ppbv	98
39) 1,2-Dichloropropane	7.61	63	952609	8.928 ppbv	98
40) 1,4-Dioxane	7.83	88	239619	8.708 ppbv #	100
41) Tetrahydrofuran	6.04	42	616855	8.982 ppbv	99
42) Bromodichloromethane	7.78	83	1823376	9.040 ppbv	100
43) Methyl Methacrylate	8.01	69	898979	9.131 ppbv	100

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Manual Integrations
 APPROVED

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

Quant Time: Nov 16 10:03:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111621A
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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	4000448	8.436	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	810334	9.938	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	1019911	9.571	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	983352	9.073	ppbv	96
48) Dibromochloromethane	10.29	129	1612297	9.150	ppbv	99
49) Bromoform	13.03	173	1224058	9.003	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1571584	9.106	ppbv	99
51) 2-Hexanone	10.13	43	752106	9.333	ppbv	99
52) Tetrachloroethene	11.21	164	830876	7.974	ppbv	98
53) Toluene	9.80	91	2815209	8.722	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1403192	9.241	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.11	131	1032111	8.887	ppbv #	58
57) Chlorobenzene	12.14	112	1967884	9.023	ppbv	98
58) Ethyl Benzene	12.70	91	3617723	8.955	ppbv	100
59) m/p-Xylene	12.99	91	5928539m	17.660	ppbv	
60) o-Xylene	13.68	91	2723833	8.742	ppbv	99
61) Styrene	13.52	104	1621412	9.332	ppbv	97
62) Isopropylbenzene	14.65	105	3926281	8.715	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1894058	8.130	ppbv	100
64) n-propylbenzene	15.55	120	1043470	9.085	ppbv	96
65) tert-Butylbenzene	16.73	119	3297777	8.342	ppbv	99
66) Benzyl Chloride	16.97	91	235613	8.534	ppbv	99
67) sec-Butylbenzene	17.28	105	4597351	8.418	ppbv	99
69) p-Isopropyltoluene	17.64	119	3750401	8.519	ppbv	100
70) n-Butylbenzene	18.54	91	3534256	8.757	ppbv	100
71) 2-Chlorotoluene	15.44	91	2840857	8.810	ppbv	99
72) 4-Ethyltoluene	15.82	105	3241782	8.725	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	2924608	8.606	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	2938804	8.589	ppbv	96
75) 1,3-Dichlorobenzene	16.98	146	1684577	8.921	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	1644378	8.500	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	1582531	8.739	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	888051	7.561	ppbv	98
79) Naphthalene	22.18	128	1765578	9.406	ppbv	98
80) Naphthalene,2-methyl-	24.96	142	430878	12.158	ppbv	92
81) 1,2,4-Trichlorobenzene	21.91	180	945624	8.909	ppbv	99

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

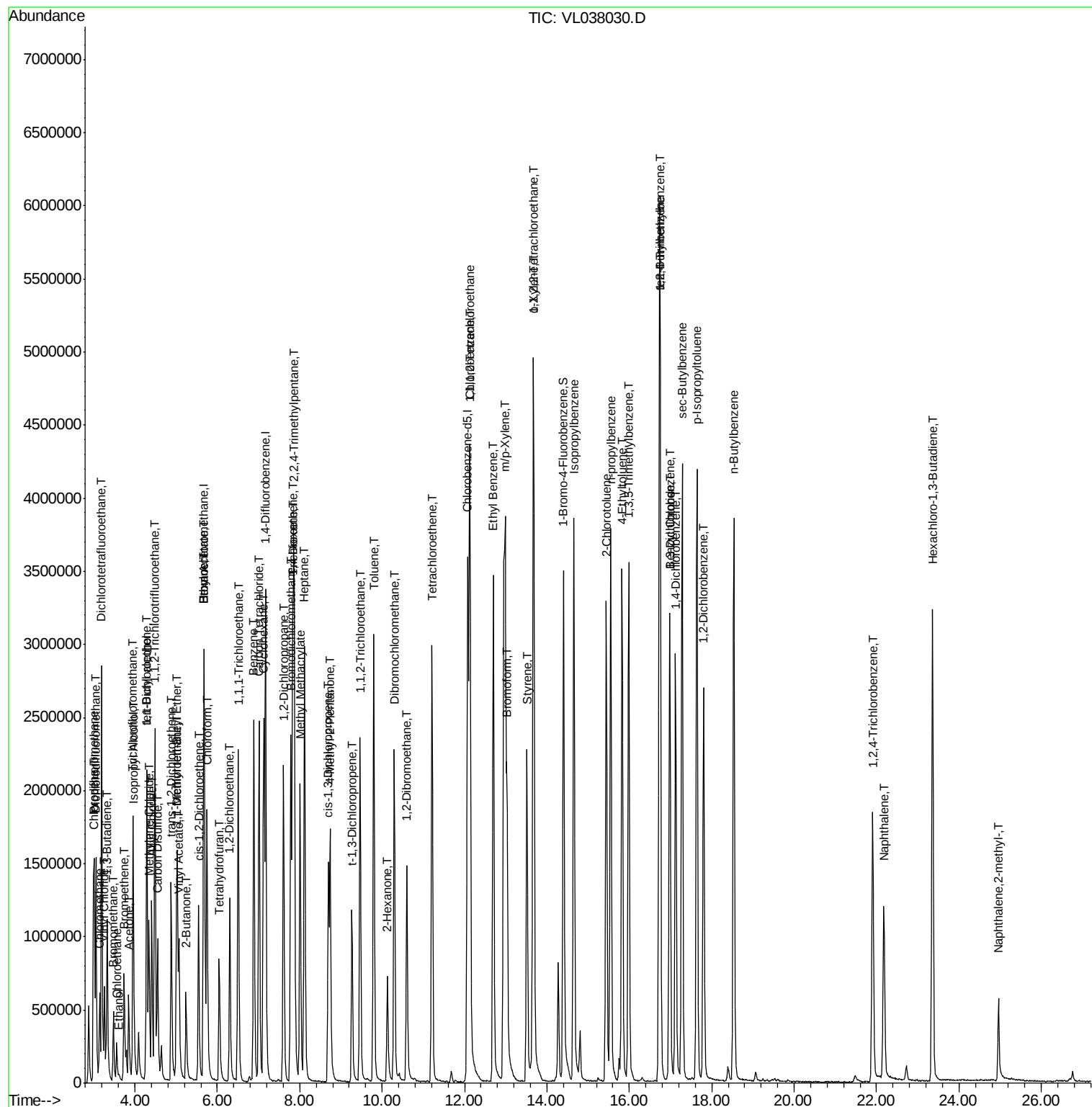
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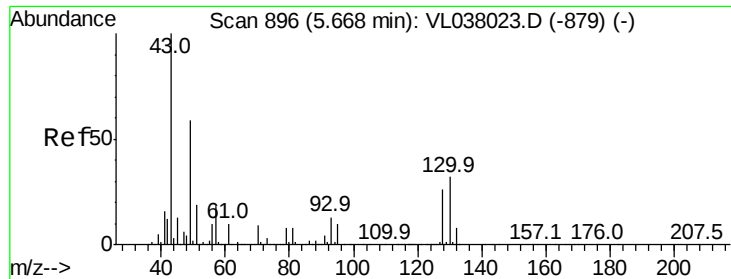
Instrument :
 MSVOA_L
 ClientSampleId :
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

49 100

128 48.

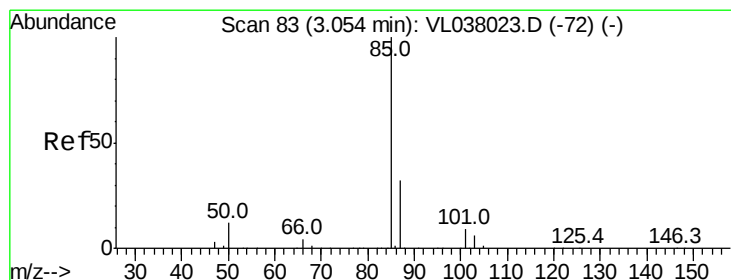
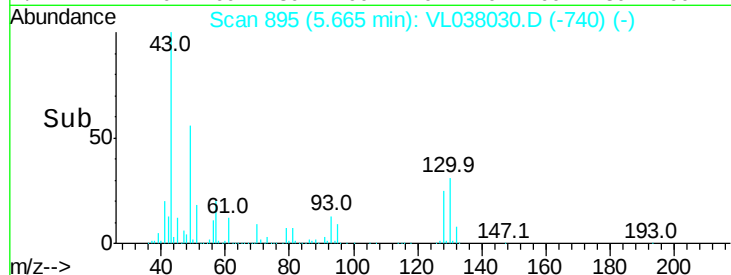
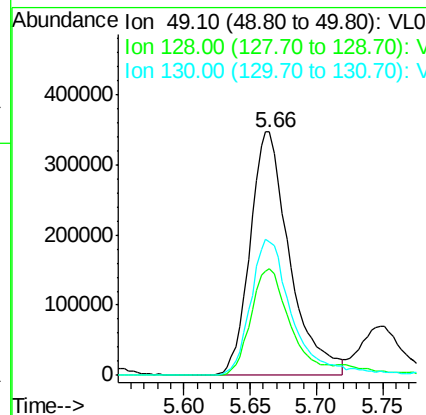
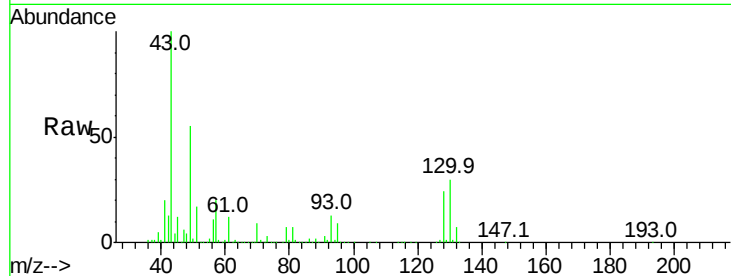
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 9.023 ppbv

RT: 3.05 min Scan# 82

Delta R.T. -0.00 min

Lab File: VL038030.D

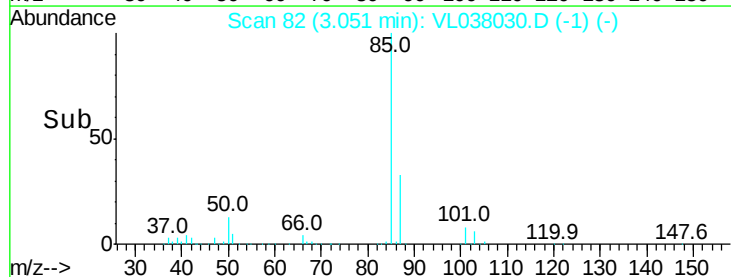
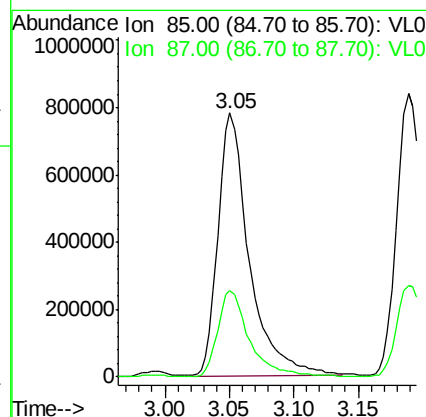
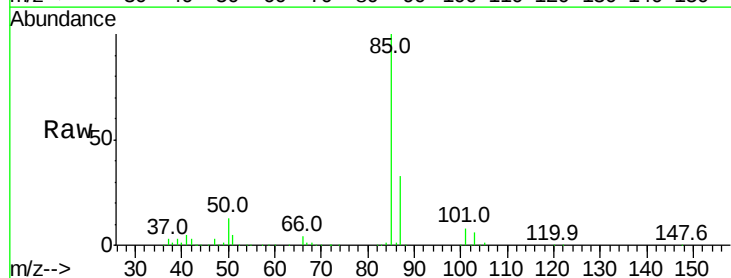
Acq: 16 Nov 2021 6:54

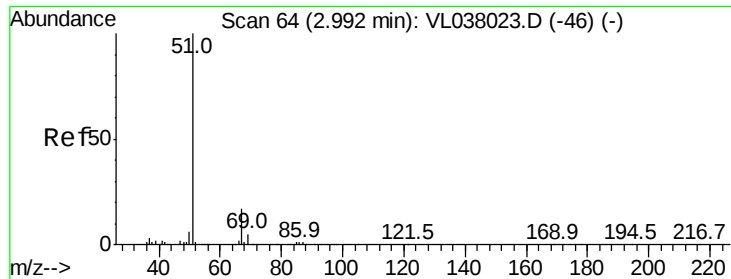
Tgt Ion: 85 Resp: 1320662

Ion Ratio Lower Upper

85 100

87 32.8 25.9 38.9





#3

Chlorodifluoromethane

Concen: 9.090 ppbv

RT: 2.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

51 100

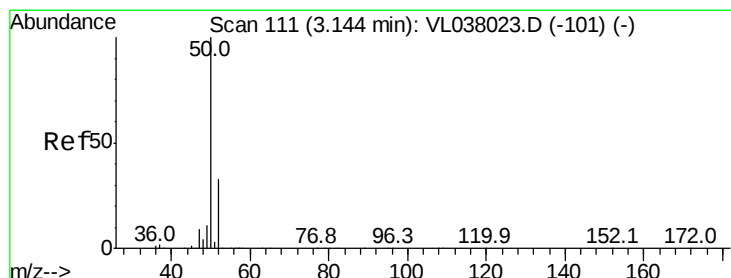
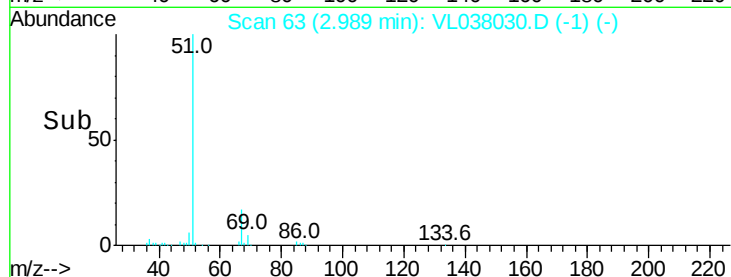
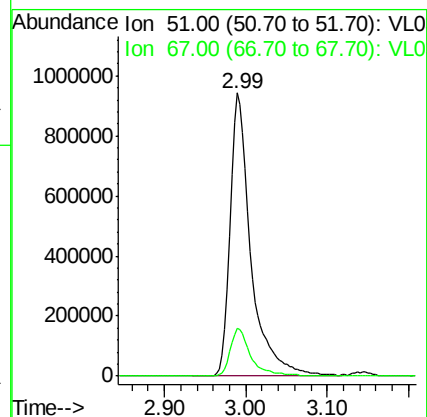
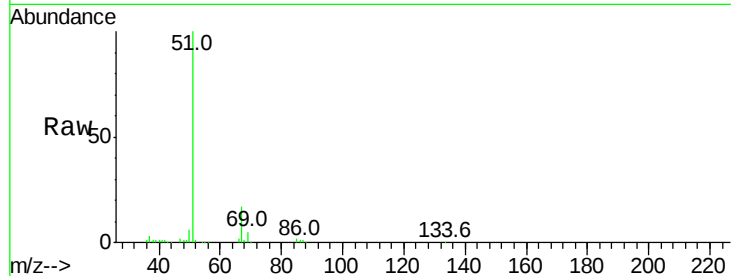
67 16.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 9.349 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038030.D

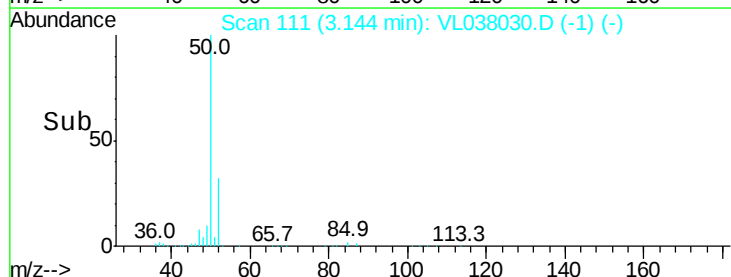
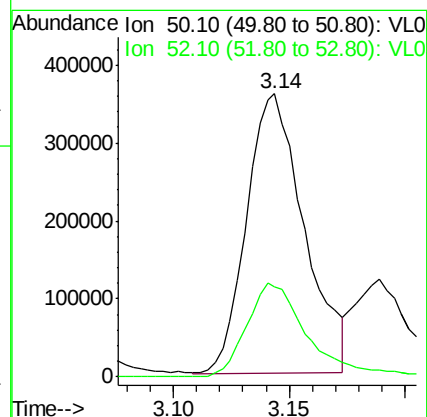
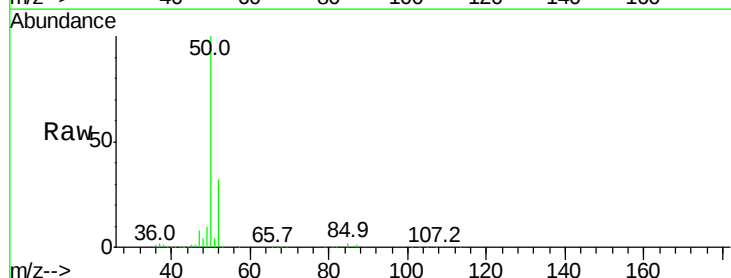
Acq: 16 Nov 2021 6:54

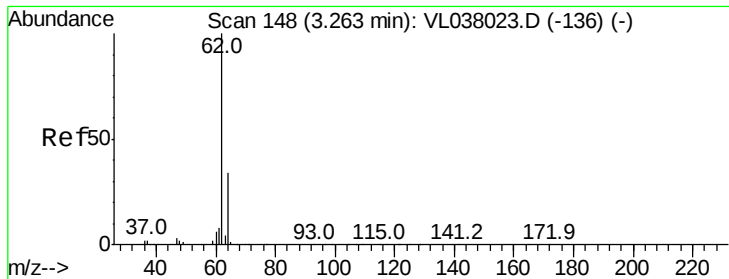
Tgt Ion: 50 Resp: 622182

Ion Ratio Lower Upper

50 100

52 32.1 26.4 39.6





#5

Vinyl Chloride

Concen: 9.742 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

Tot Ion:

Ion Ratio

62 100

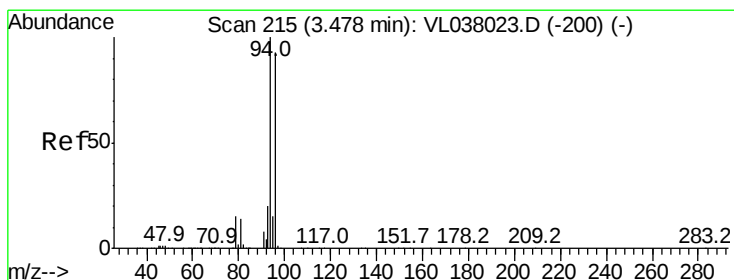
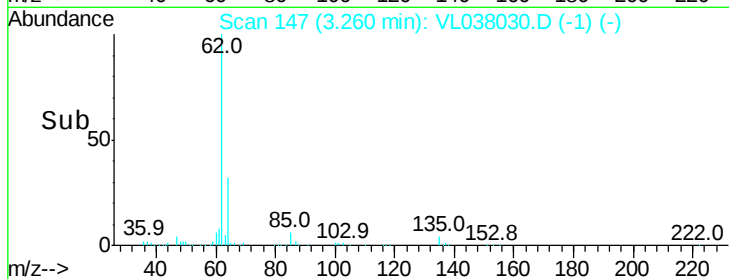
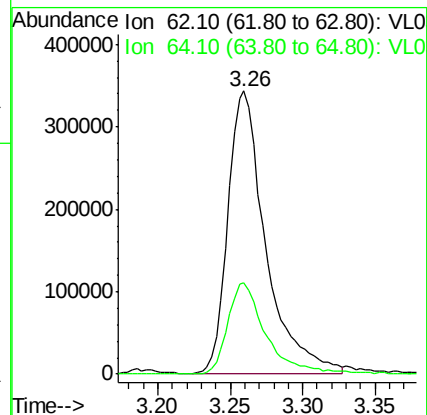
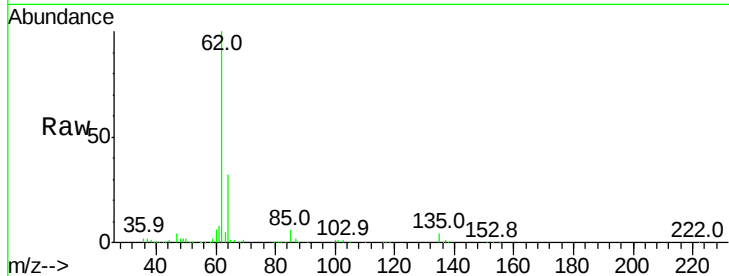
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 9.497 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038030.D

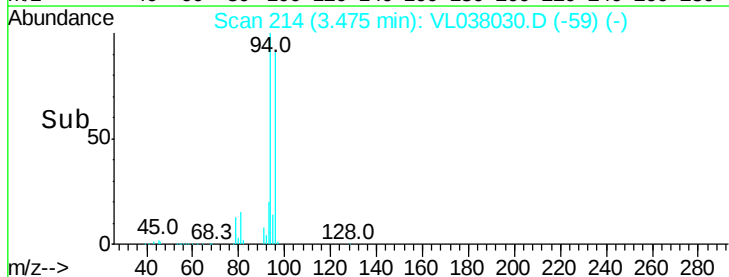
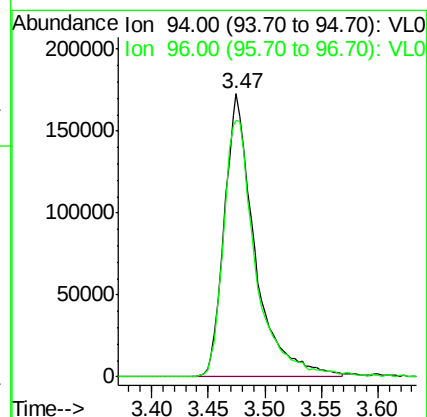
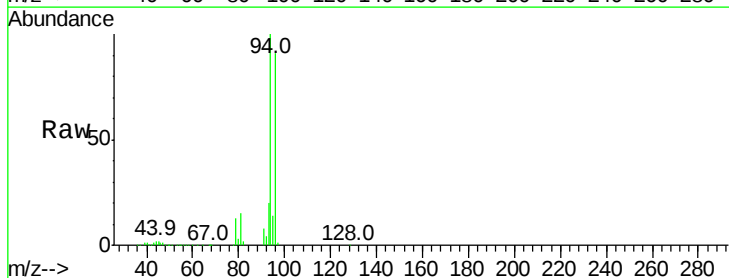
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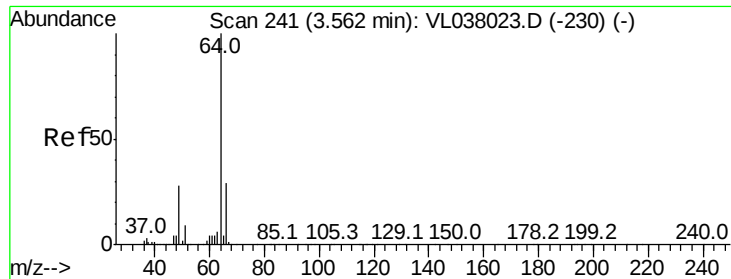
Tgt Ion: 94 Resp: 324238

Ion Ratio Lower Upper

94 100

96 90.8 74.8 112.2





#7

Chloroethane

Concen: 9.295 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T.:

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

64 100

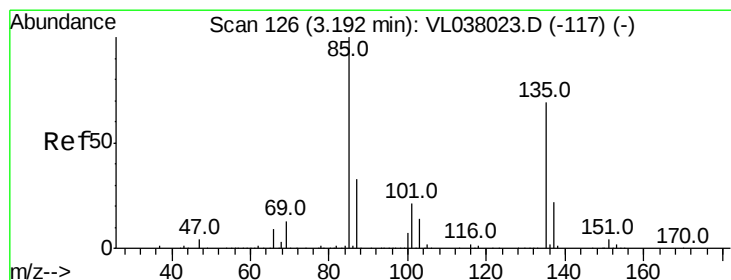
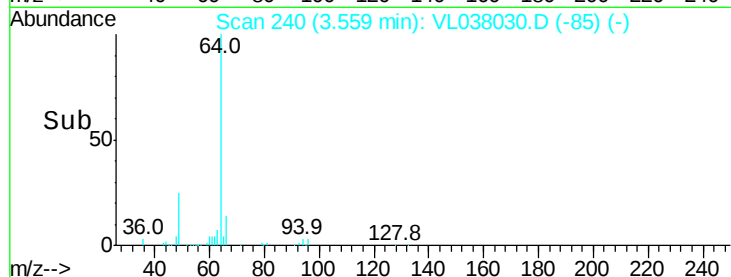
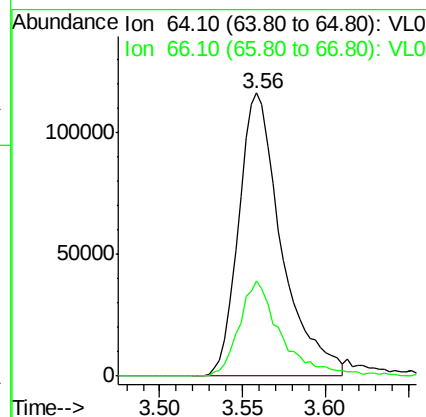
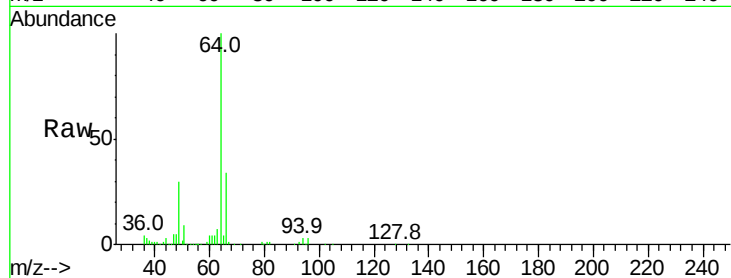
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 9.256 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL038030.D

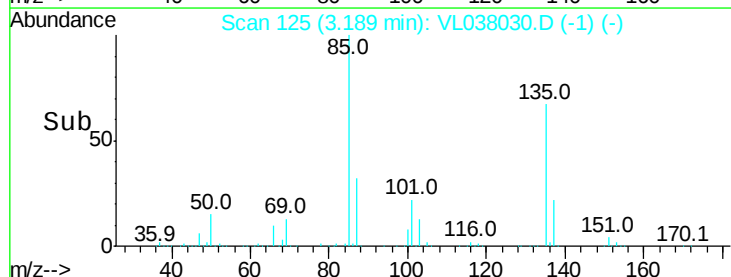
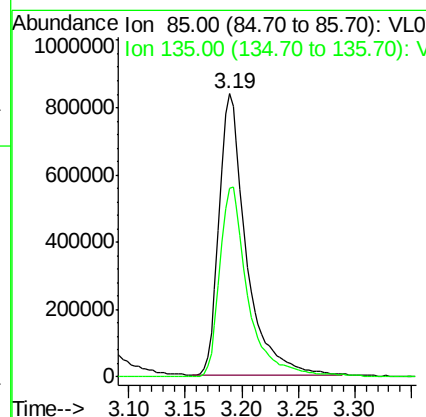
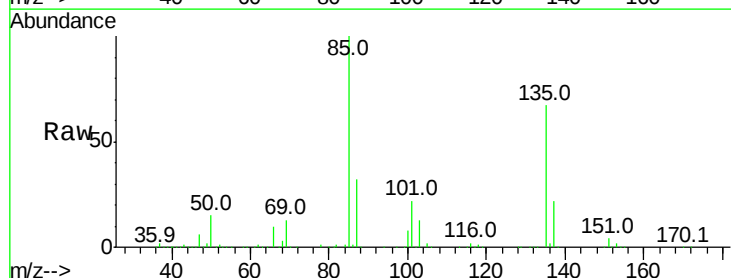
Acq: 16 Nov 2021 6:54

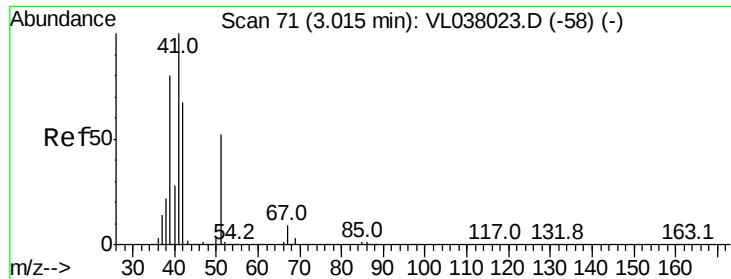
Tgt Ion: 85 Resp: 1403262

Ion Ratio Lower Upper

85 100

135 71.3 57.0 85.6



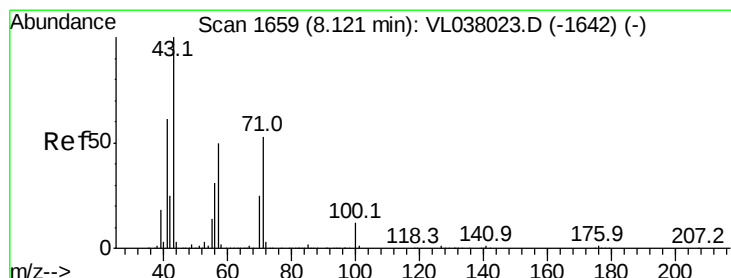
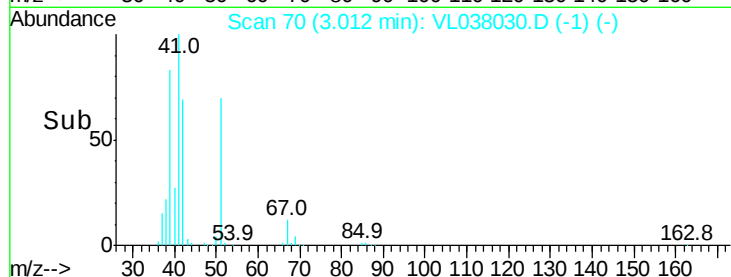
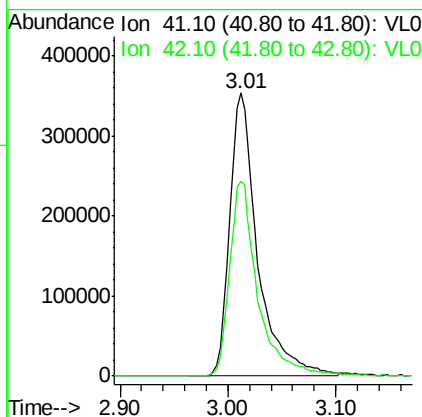
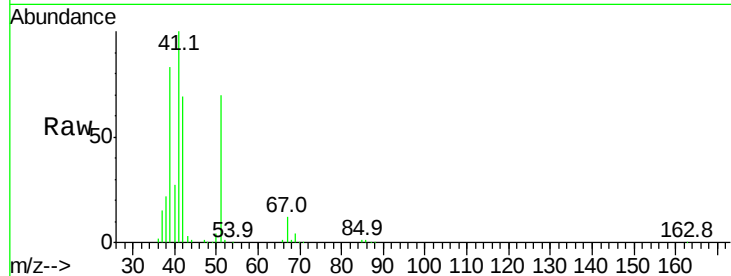


#9
 Propene
 Concen: 9.045 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

Tot Ion:
 Ion Ratio
 41 100
 42 69.

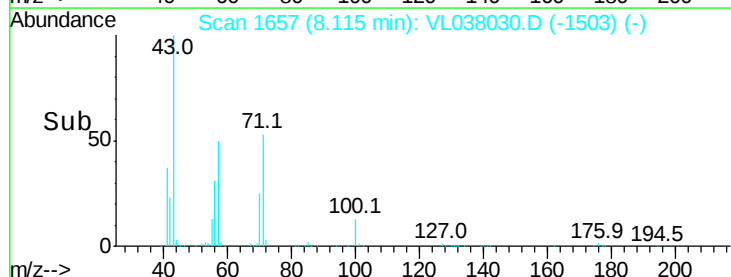
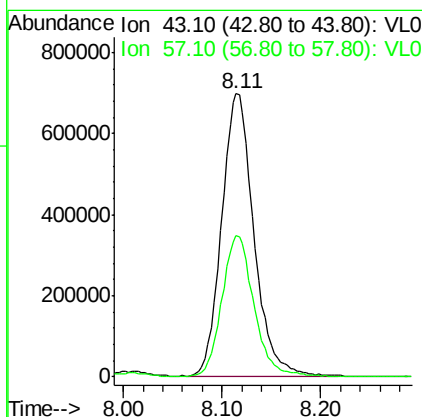
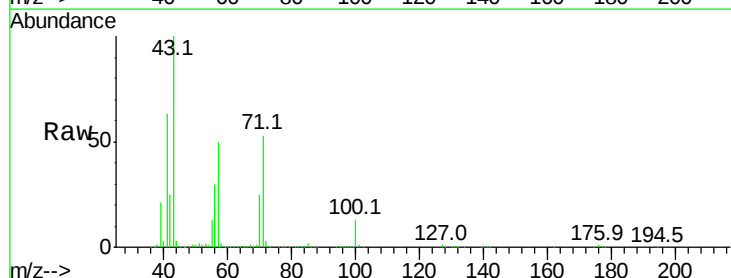
Manual Integrations
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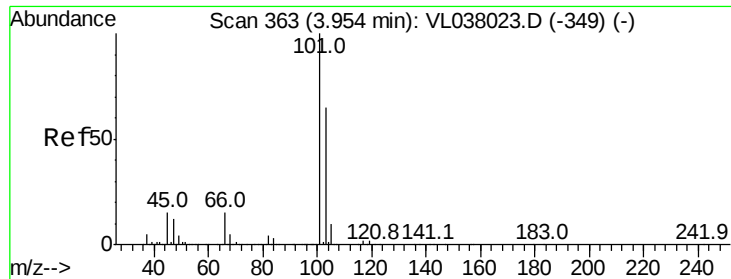
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 9.110 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 43 Resp: 1581794
 Ion Ratio Lower Upper
 43 100
 57 50.4 40.2 60.2



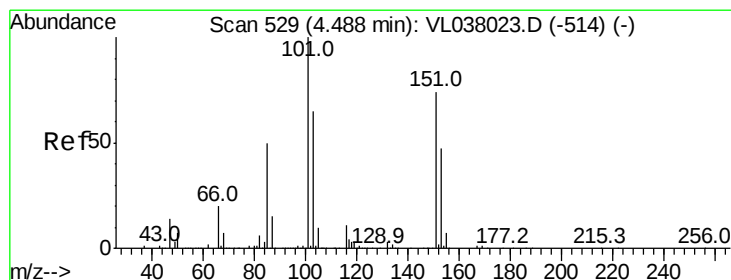
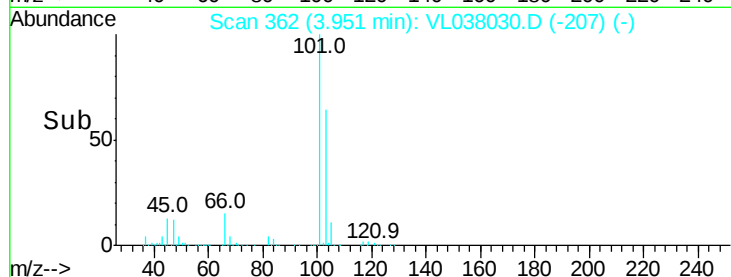
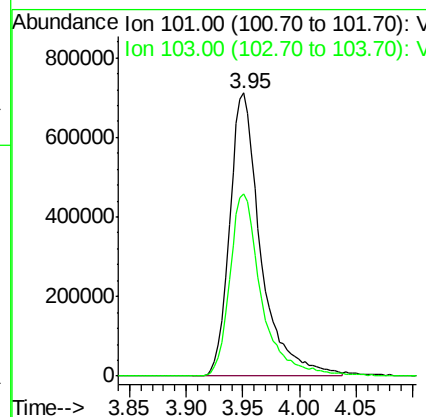
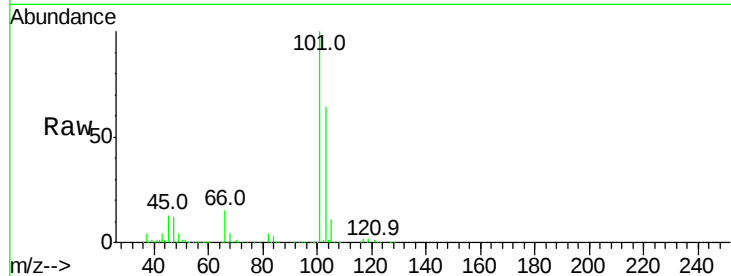


#11
 Trichlorofluoromethane
 Concen: 9.423 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

Tot Ion:1
 Ion Rati
 101 100
 103 64.

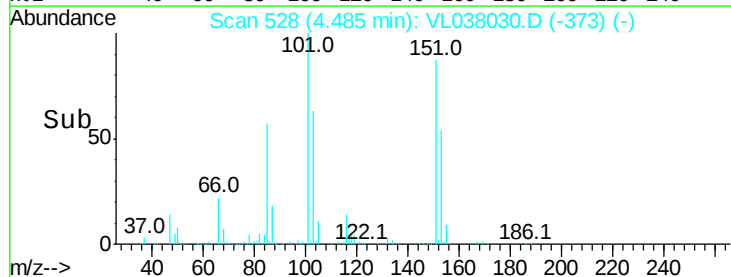
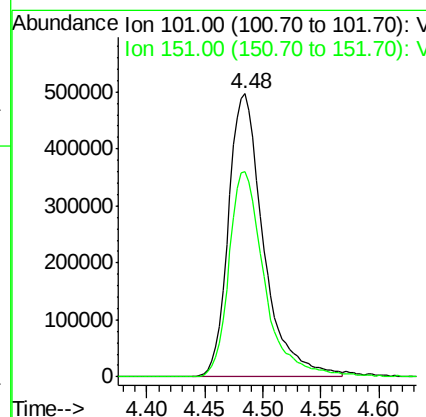
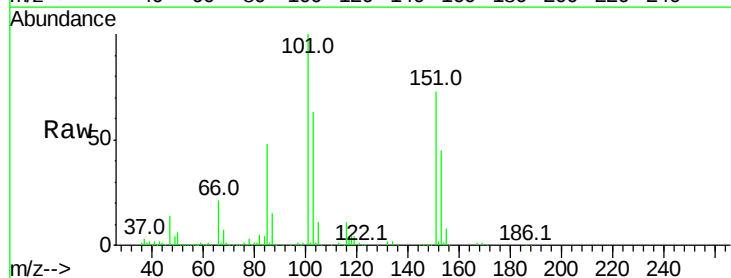
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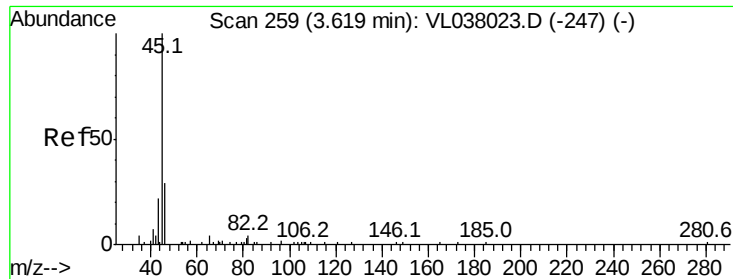
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.343 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion:101 Resp: 1047273
 Ion Ratio Lower Upper
 101 100
 151 73.9 57.8 86.8



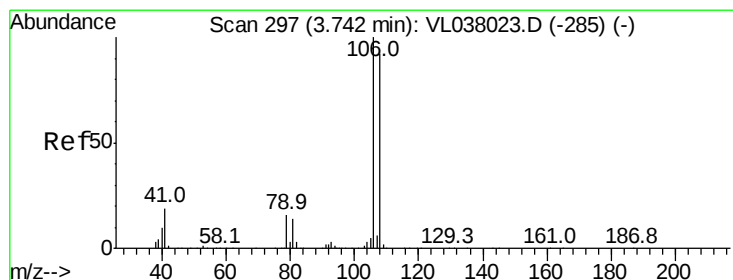
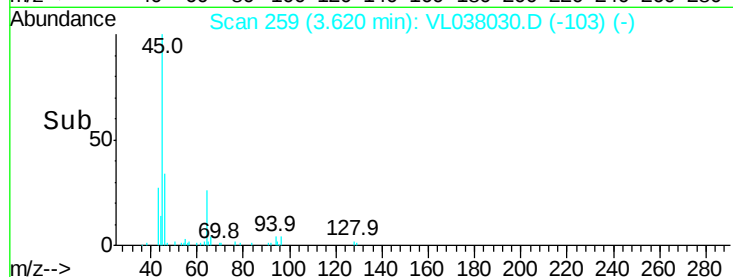
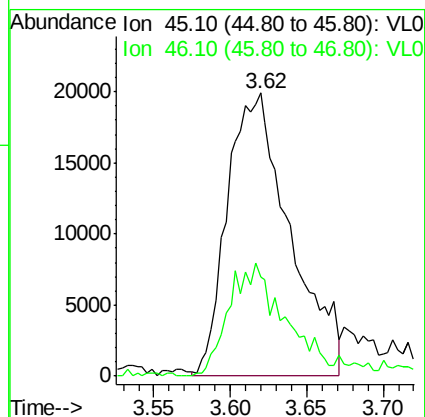
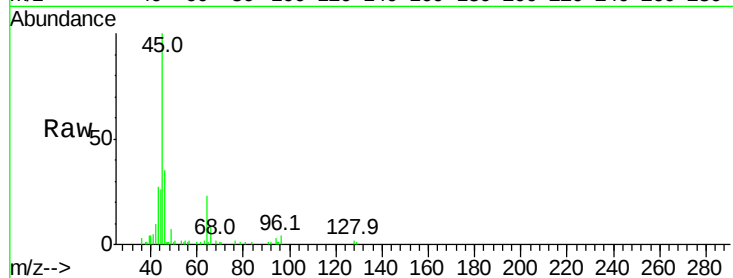


#13
Ethanol
Concen: 9.091 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

Tot Ion:
Ion Ratio
45 100
46 35.

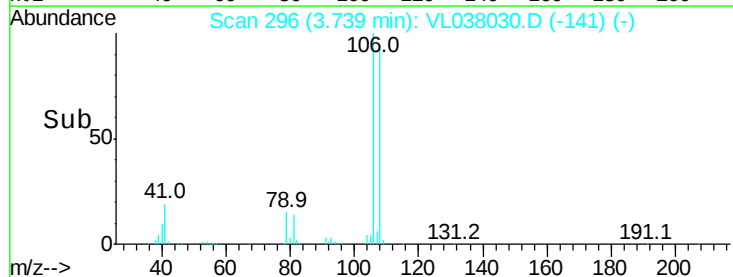
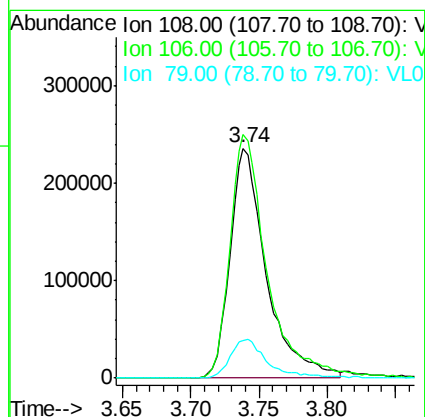
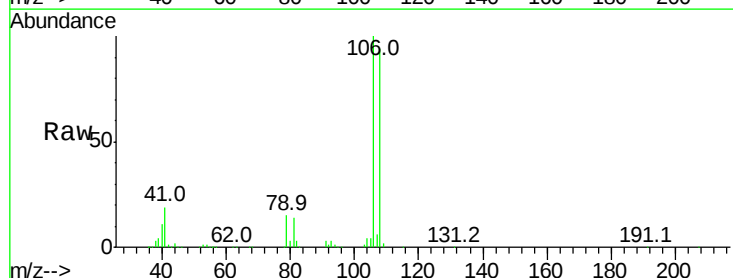
Manual Integrations
APPROVED

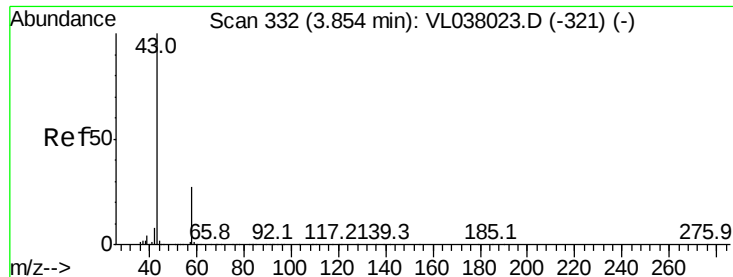
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 9.331 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion:108 Resp: 437310
Ion Ratio Lower Upper
108 100
106 109.9 90.4 135.6
79 17.8 14.5 21.7





#15

Acetone

Concen: 8.546 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

43 100

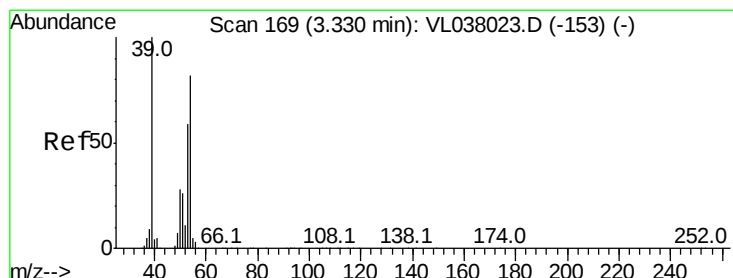
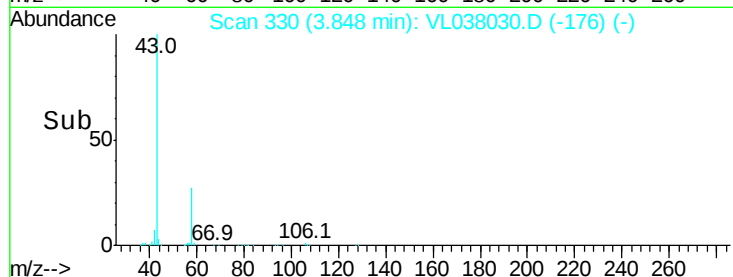
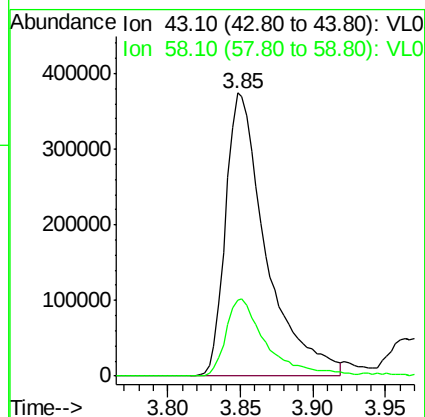
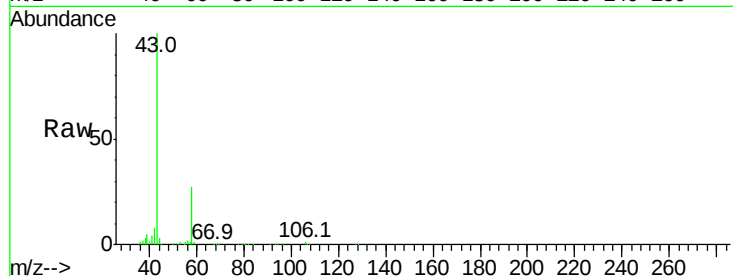
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 9.554 ppbv

RT: 3.33 min Scan# 169

Delta R.T. 0.00 min

Lab File: VL038030.D

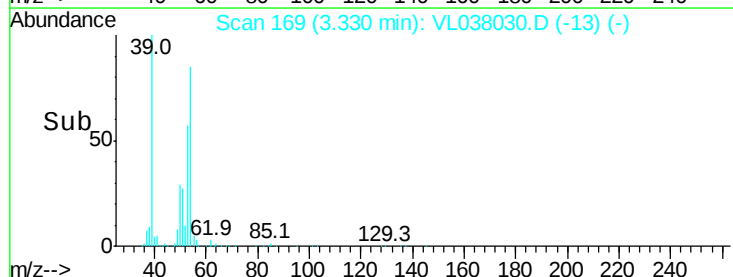
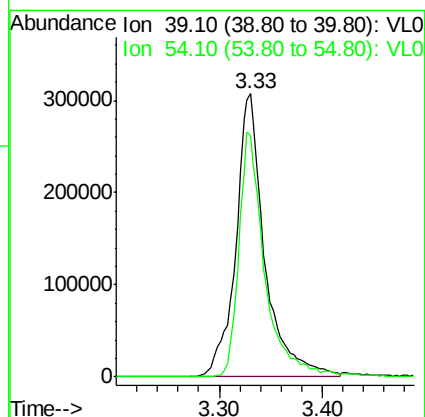
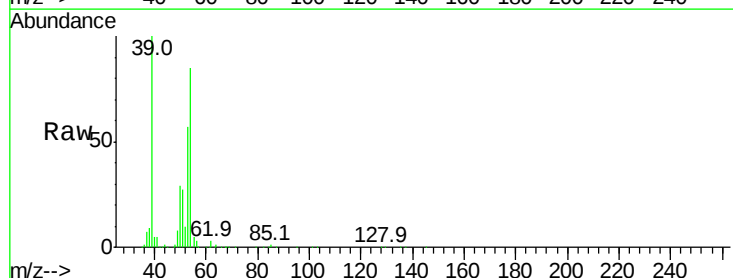
Acq: 16 Nov 2021 6:54

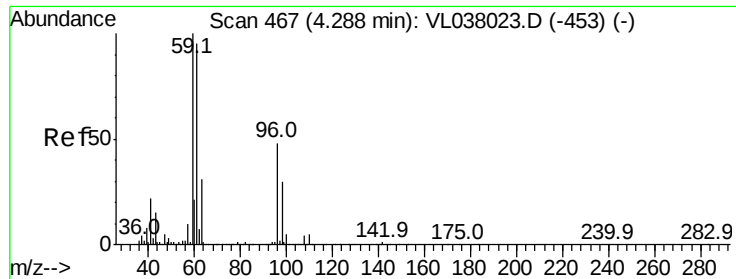
Tgt Ion: 39 Resp: 598458

Ion Ratio Lower Upper

39 100

54 78.3 63.7 95.5





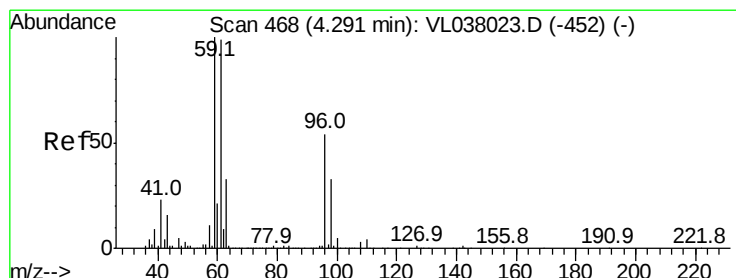
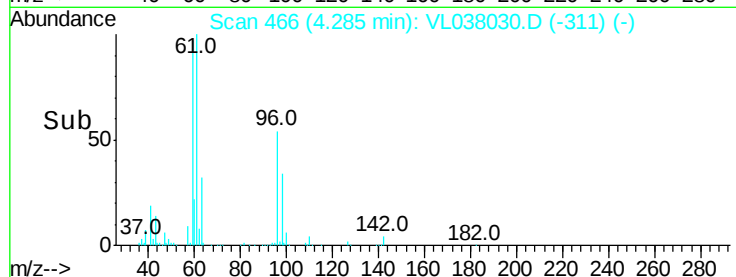
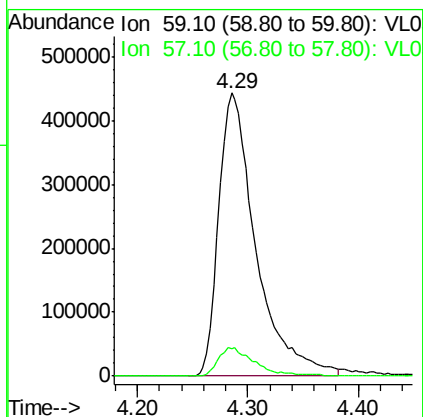
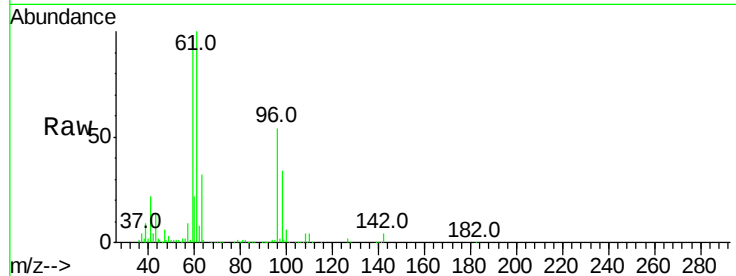
#17

tert-Butyl alcohol
Concen: 9.127 ppbv
RT: 4.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

Tot Ion:
Ion Ratio
59 100
57 10.

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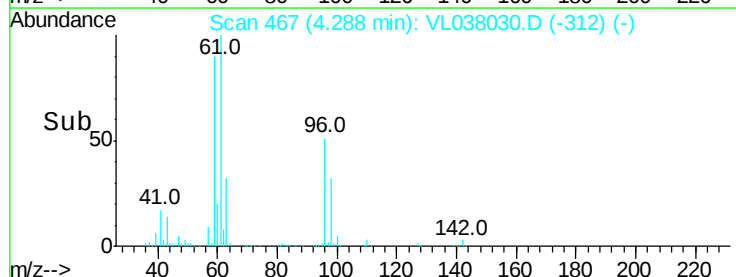
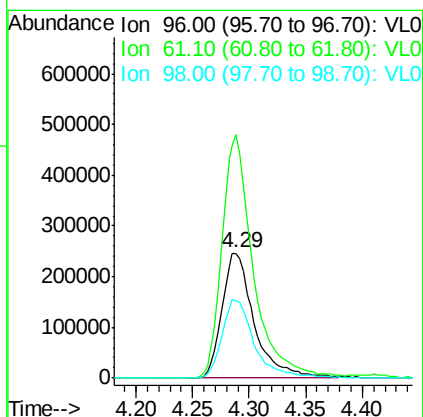
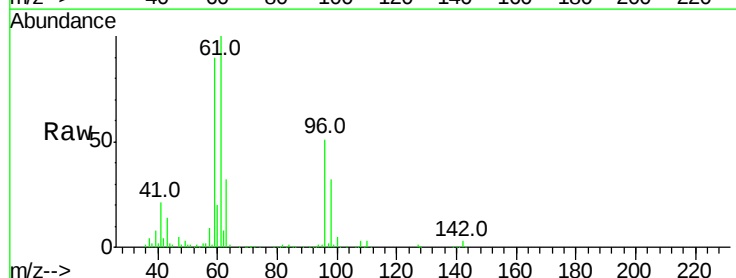
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

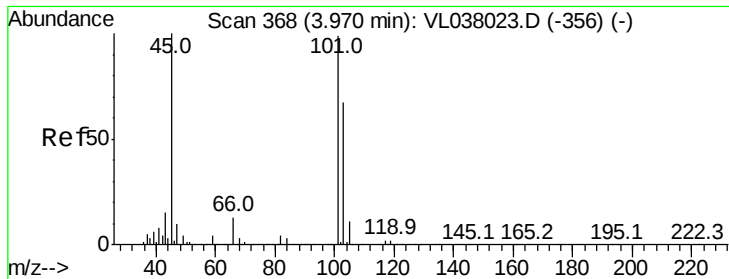


#18

1,1-Dichloroethene
Concen: 9.458 ppbv
RT: 4.29 min Scan# 467
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 96 Resp: 489282
Ion Ratio Lower Upper
96 100
61 194.5 145.2 217.8
98 61.8 48.8 73.2





#19

Isopropyl Alcohol

Concen: 8.542 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: ICVWL111621

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

45 100

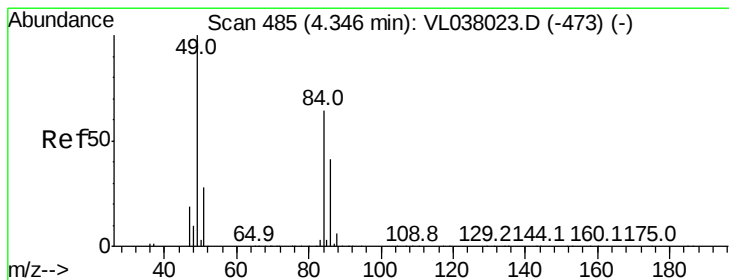
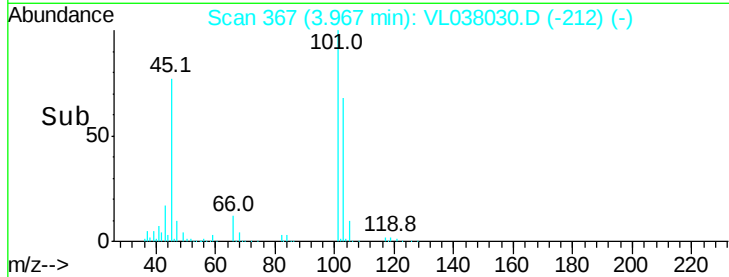
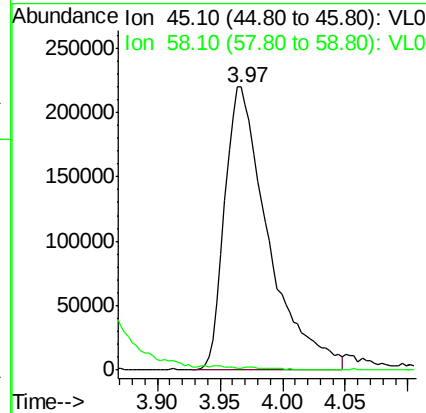
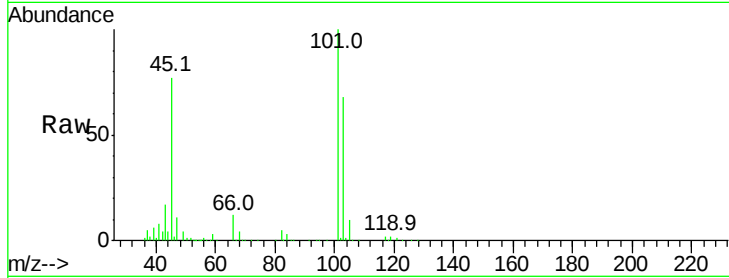
58 1.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 8.151 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion: 84 Resp: 404452

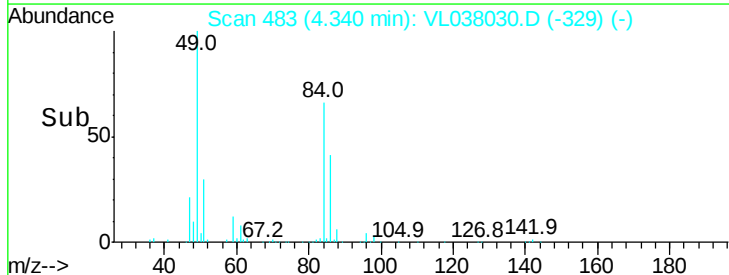
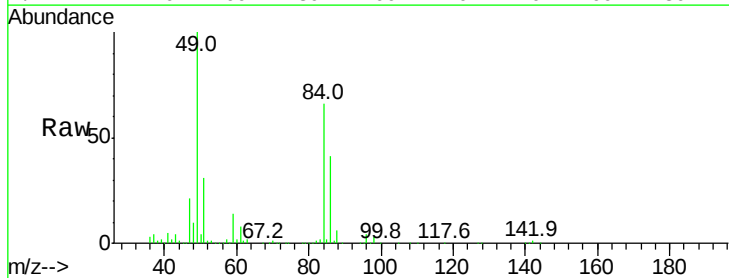
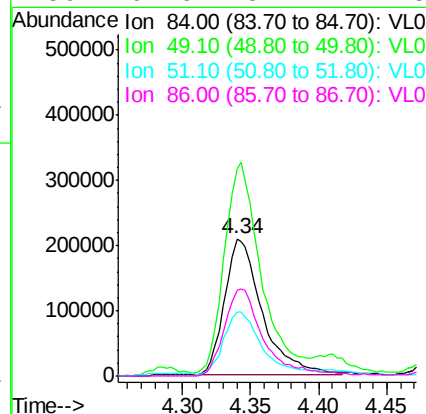
Ion Ratio Lower Upper

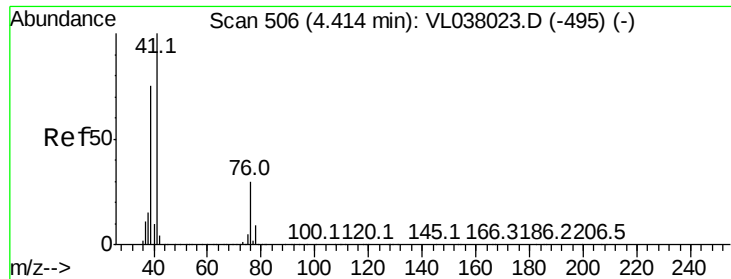
84 100

49 149.2 125.1 187.7

51 45.1 35.3 52.9

86 62.6 51.7 77.5



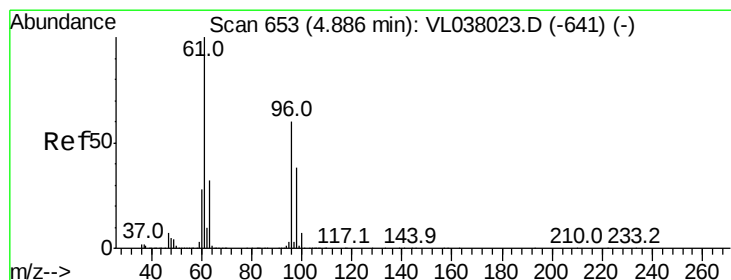
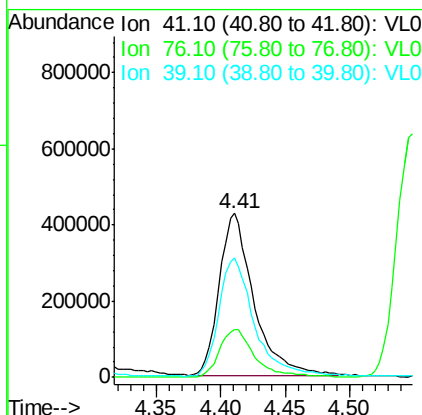
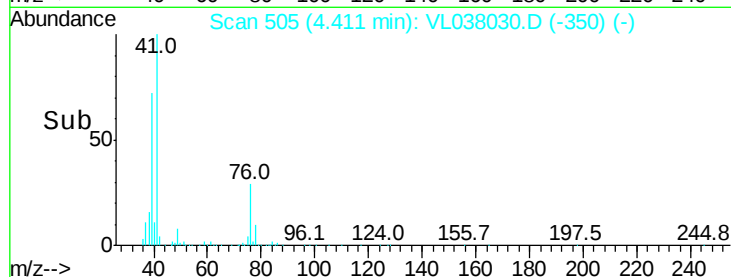
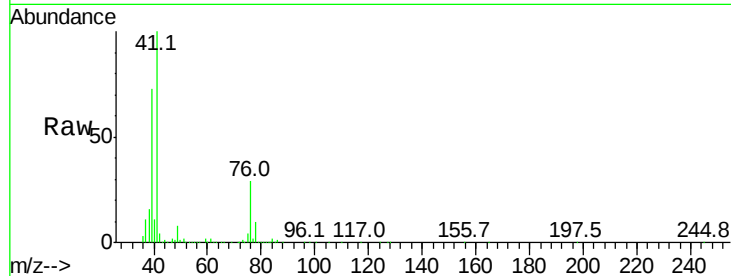


#21
Allvl Chloride
Concen: 9.281 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 8:54

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

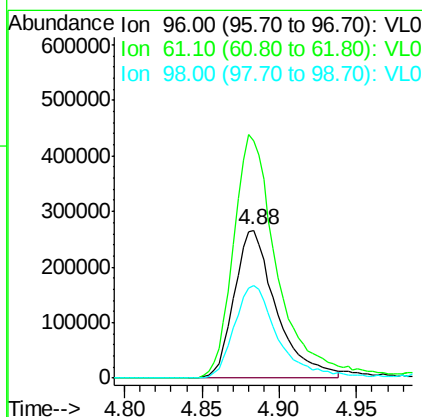
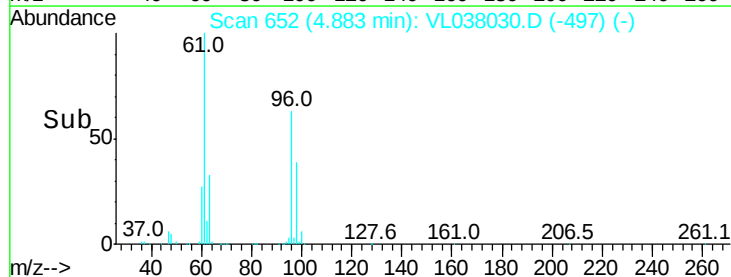
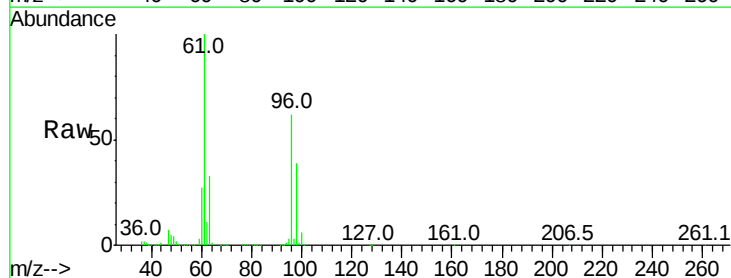
Manual Integrations
APPROVED

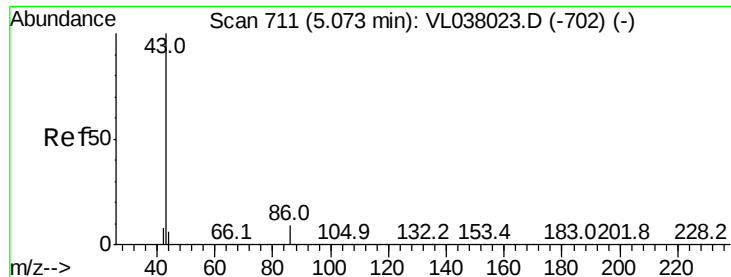
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
trans-1,2-Dichloroethene
Concen: 9.636 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 96 Resp: 502939
Ion Ratio Lower Upper
96 100
61 160.1 134.2 201.4
98 62.3 51.3 76.9



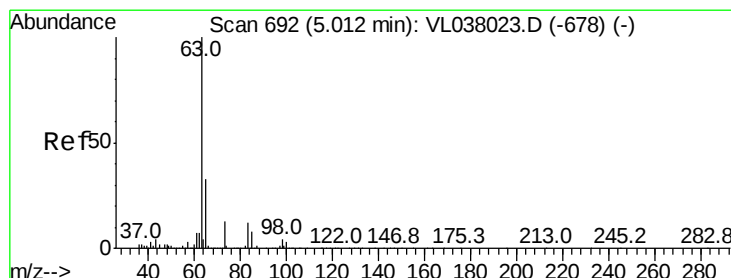
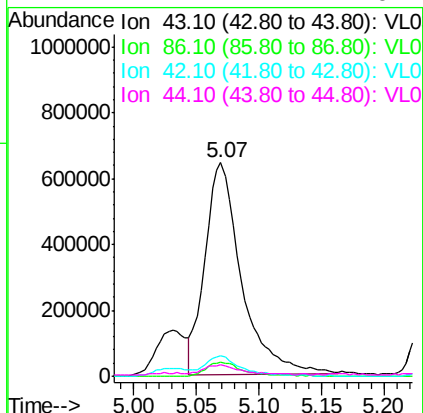
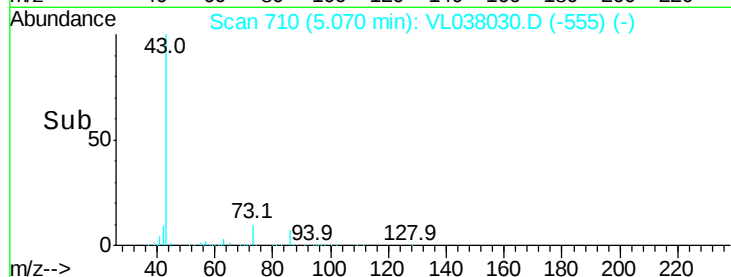
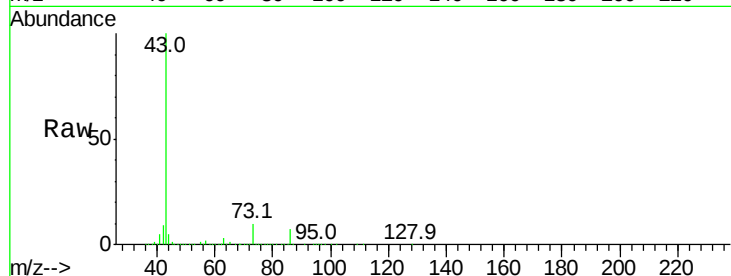


#23
 Vinyl Acetate
 Concen: 9.374 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 4.4 4.1 6.1

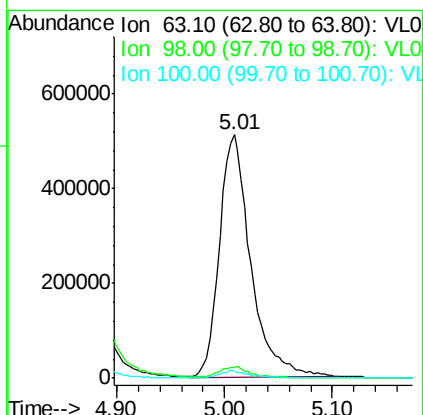
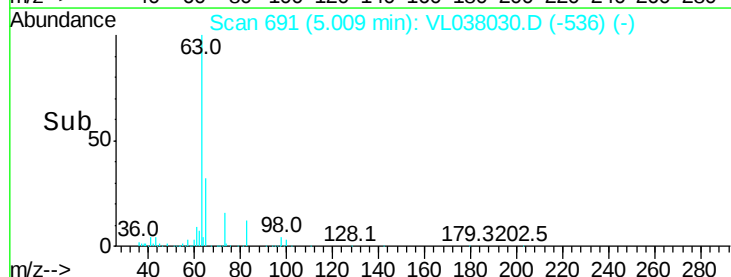
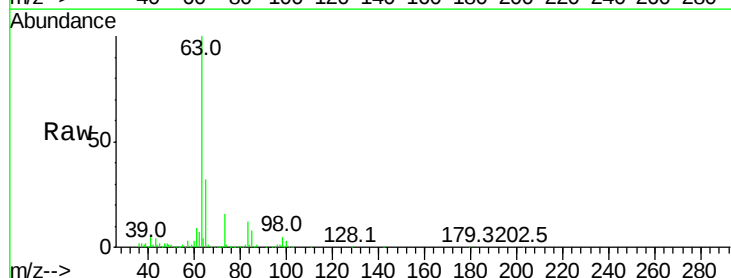
Manual Integrations
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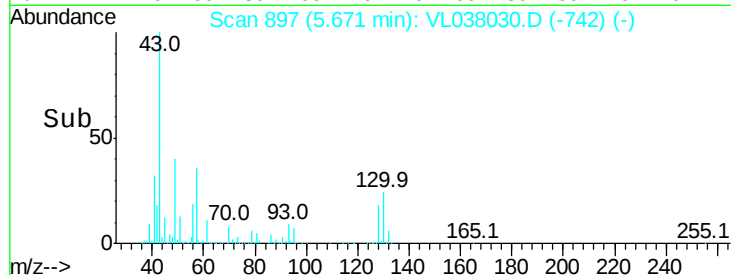
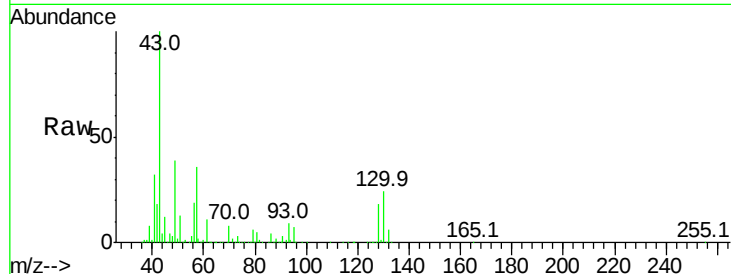
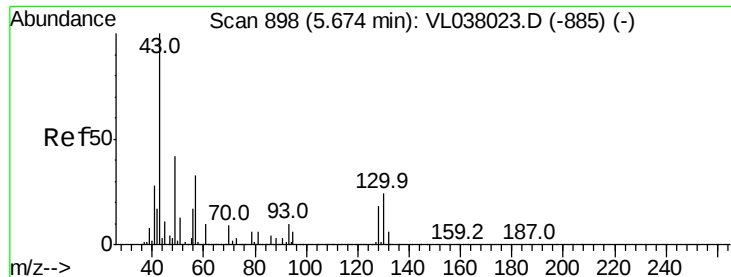
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 9.437 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 63 Resp: 1031280
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.3 6.9
 100 2.8 1.5 4.4



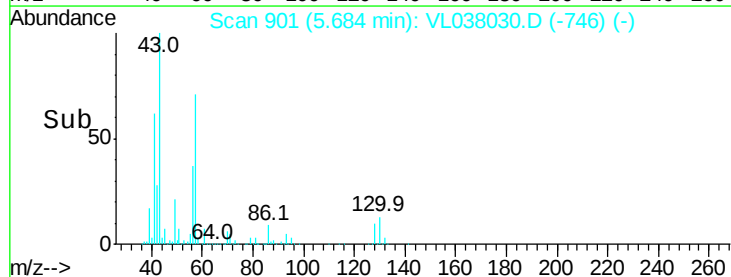
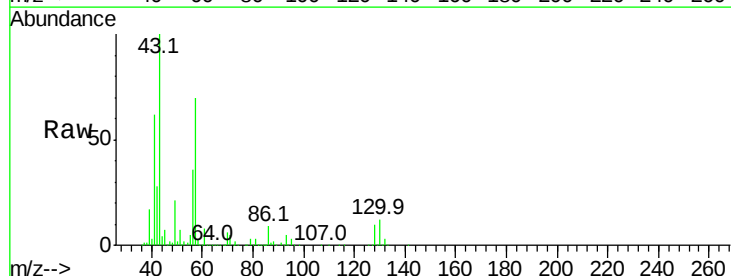
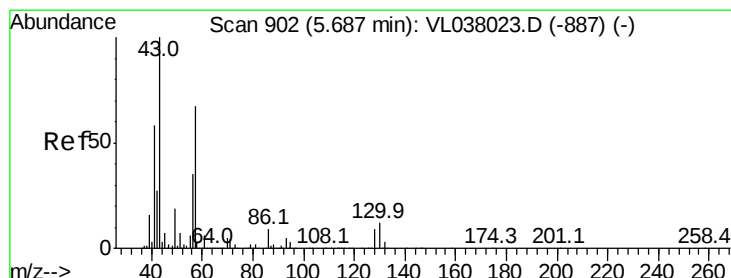
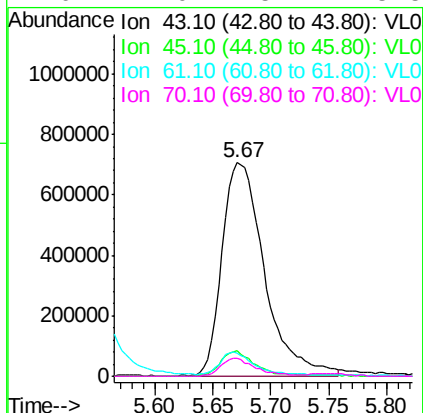


#25
Ethyl Acetate
Concen: 8.955 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 8:54

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.0 5.7 8.5

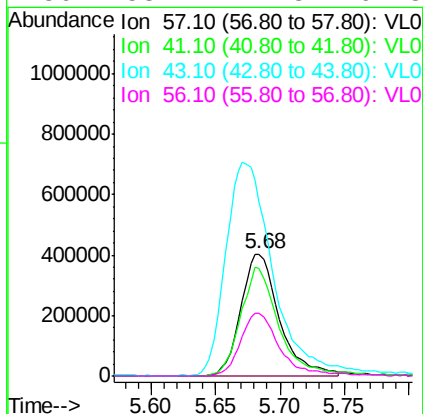
Manual Integrations
APPROVED

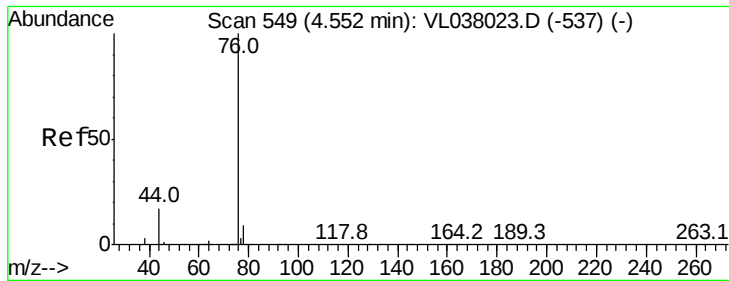
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 8.365 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 57 Resp: 836167
Ion Ratio Lower Upper
57 100
41 89.8 70.8 106.2
43 218.9 169.4 254.0
56 53.7 41.8 62.8





#27

Carbon Disulfide

Concen: 9.891 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: ICVVL111621

Acq: 16 Nov 2021 6:54

Tot Ion:

Ion Ratio

76 100

44 19.

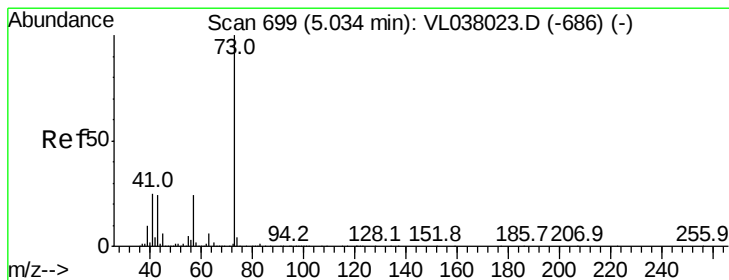
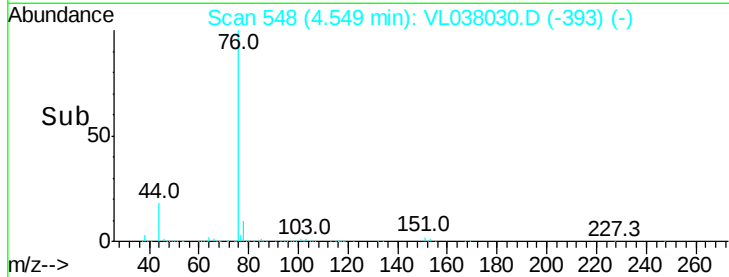
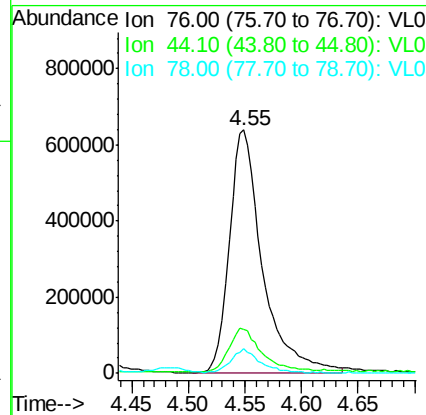
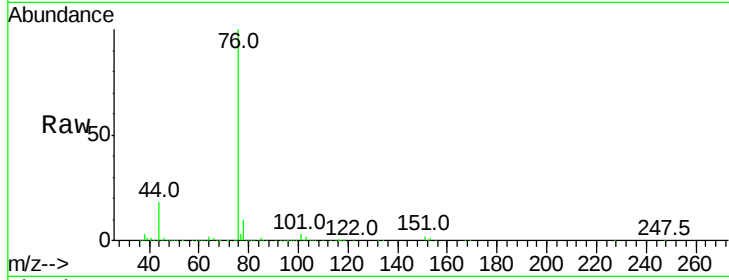
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 9.391 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL038030.D

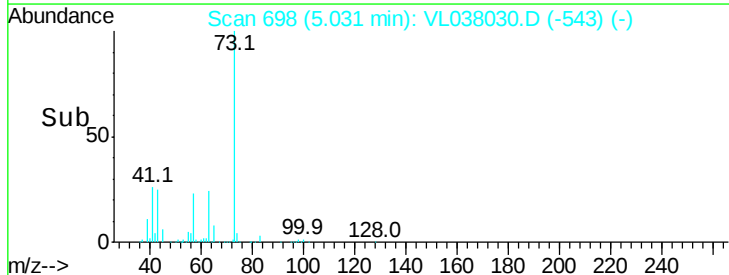
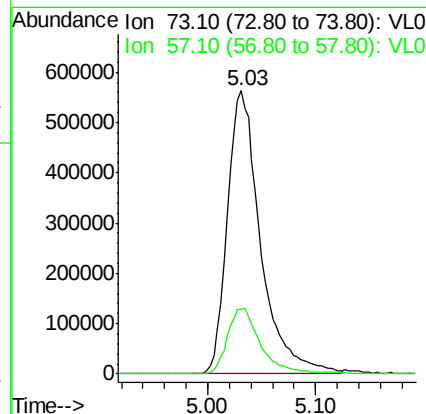
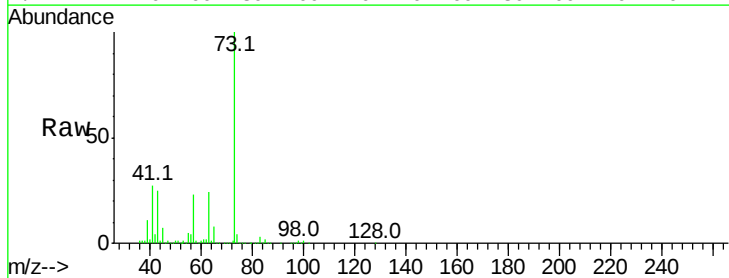
Acq: 16 Nov 2021 6:54

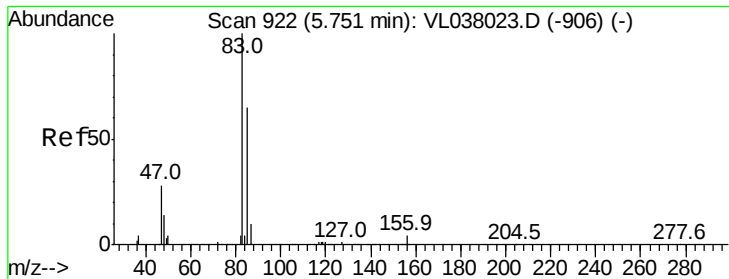
Tgt Ion: 73 Resp: 1203944

Ion Ratio Lower Upper

73 100

57 23.4 19.1 28.7



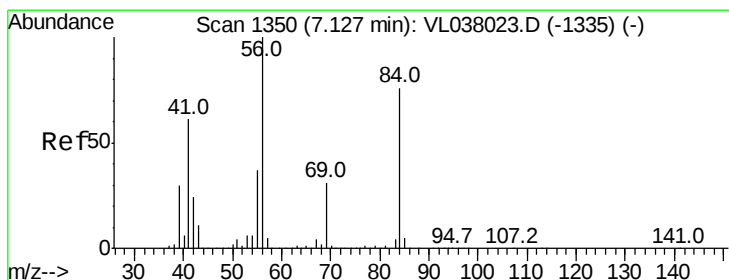
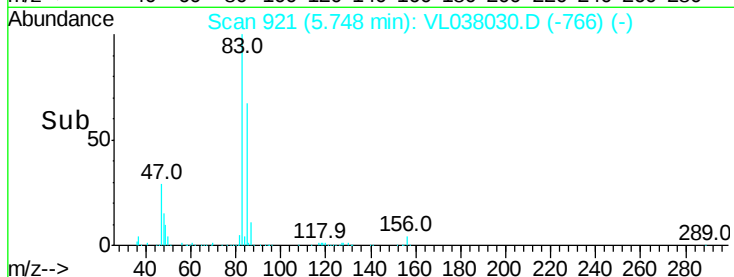
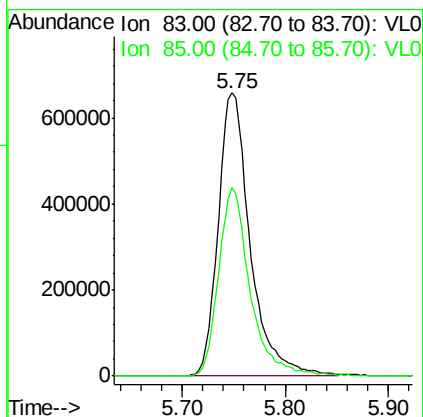
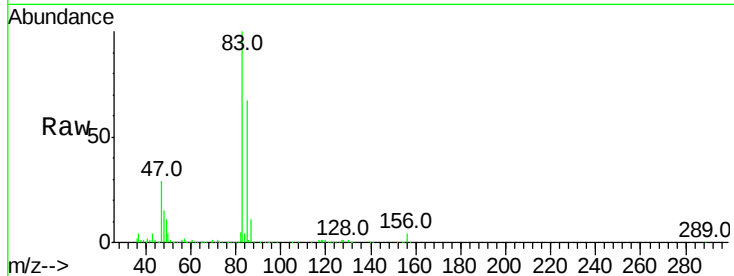


#29
Chloroform
Concen: 9.427 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 6:54

Tot Ion:
Ion Ratio
83 100
85 66.

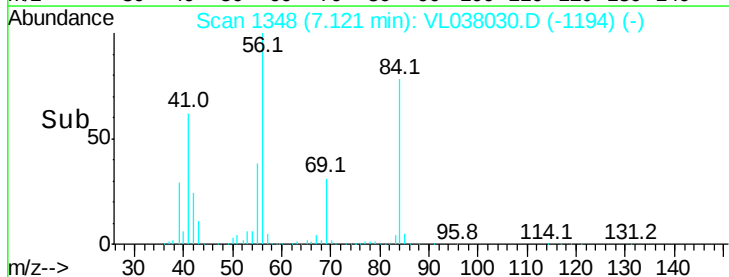
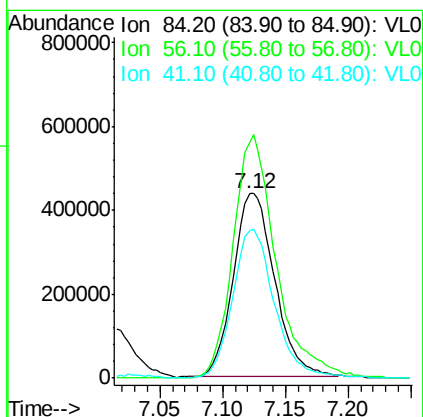
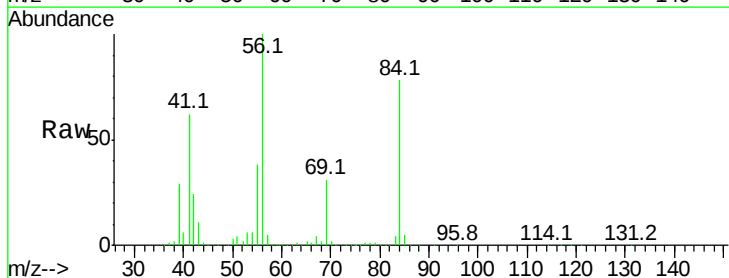
Manual Integrations
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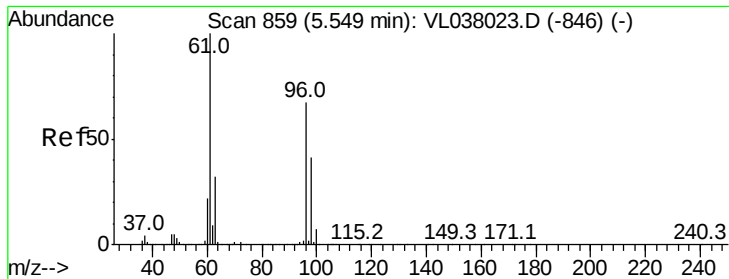
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 8.907 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 84 Resp: 1002743
Ion Ratio Lower Upper
84 100
56 138.9 109.5 164.3
41 82.6 65.1 97.7



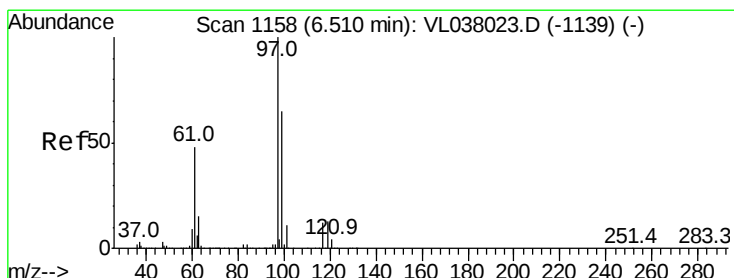
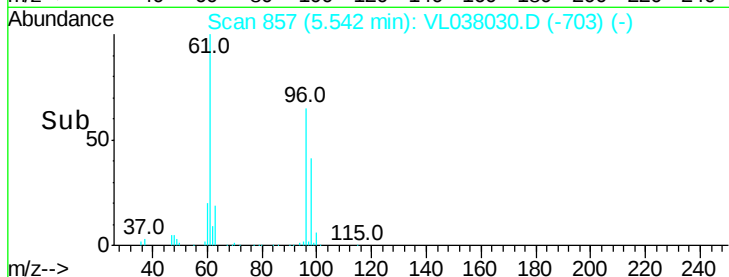
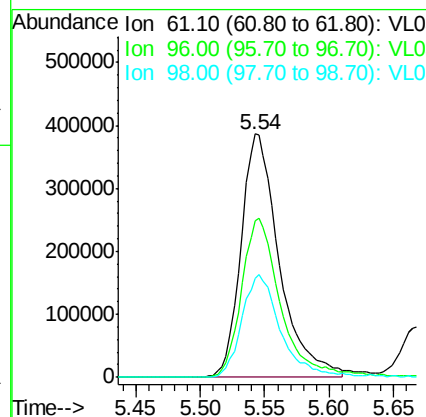
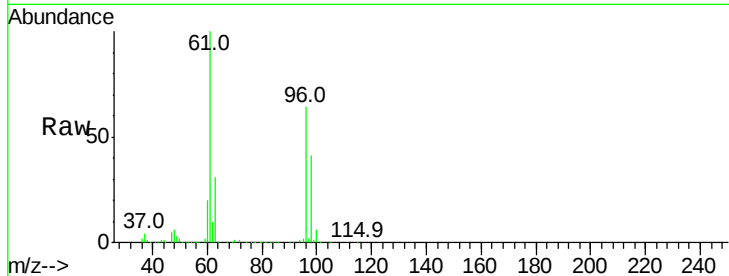


#31
 cis-1,2-Dichloroethene
 Concen: 9.639 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

Tot Ion:
 Ion Ratio
 61 100
 96 64.
 98 40.

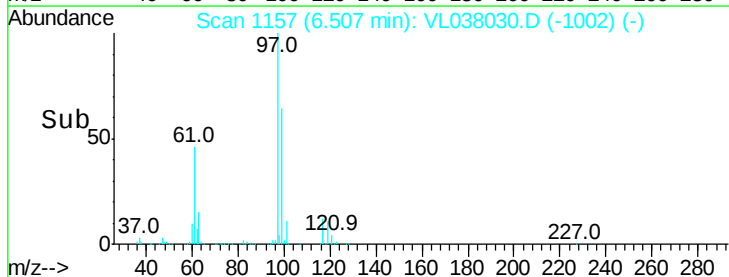
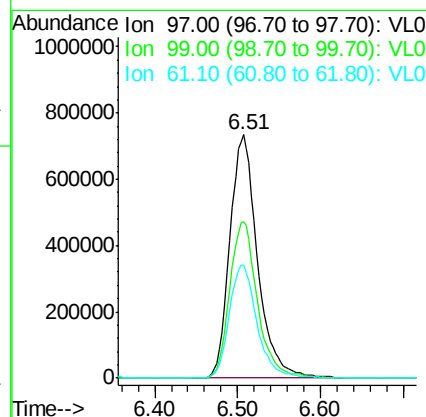
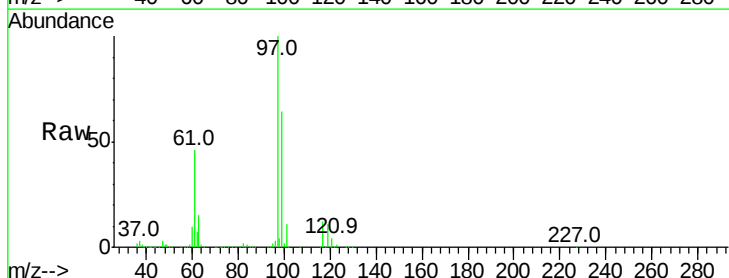
Manual Integrations
 APPROVED

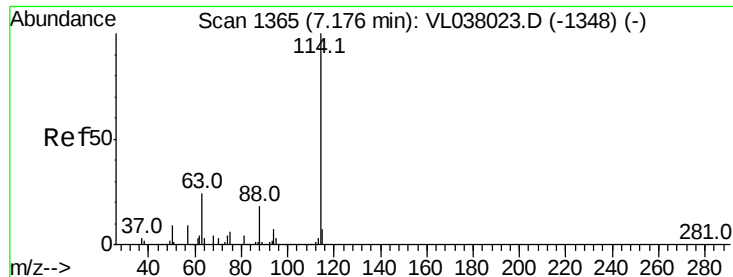
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#32
 1,1,1-Trichloroethane
 Concen: 8.898 ppbv
 RT: 6.51 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 97 Resp: 1699955
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.9 77.9
 61 46.6 37.7 56.5



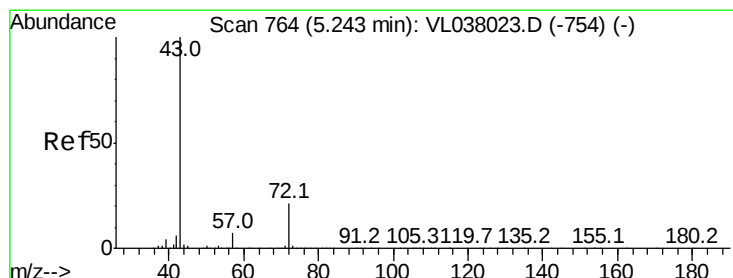
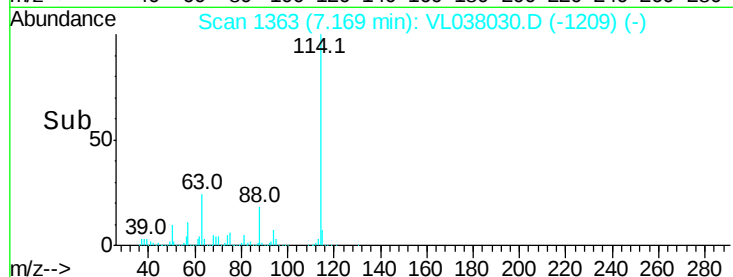
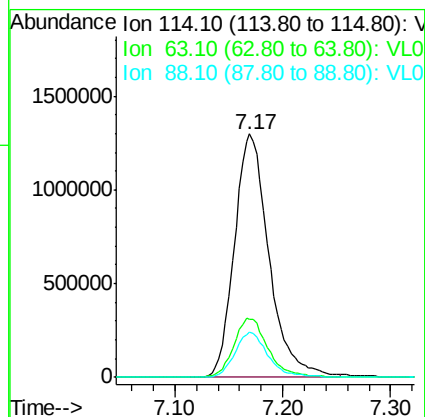
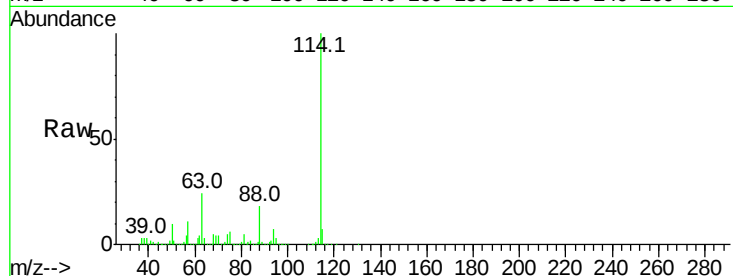


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

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

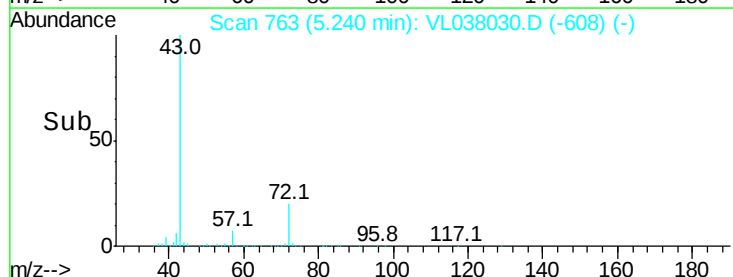
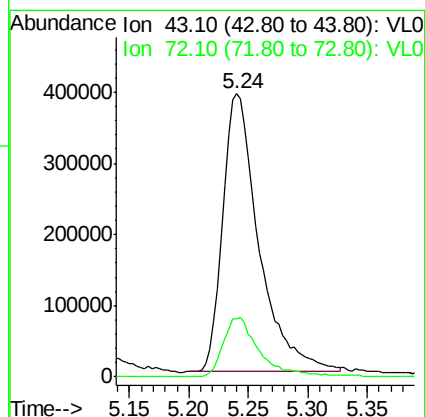
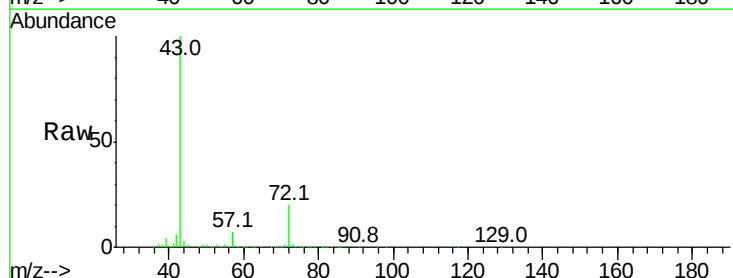
Manual Integrations
 APPROVED

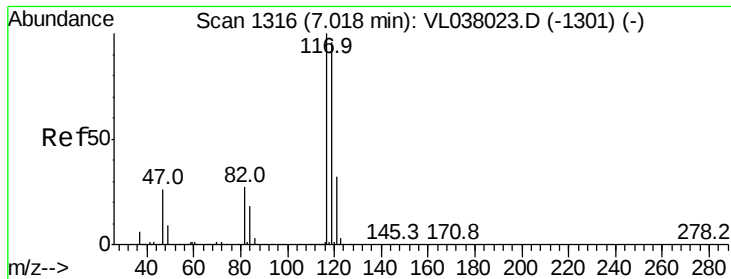
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#34
 2-Butanone
 Concen: 8.581 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 43 Resp: 821283
 Ion Ratio Lower Upper
 43 100
 72 22.0 18.2 27.2



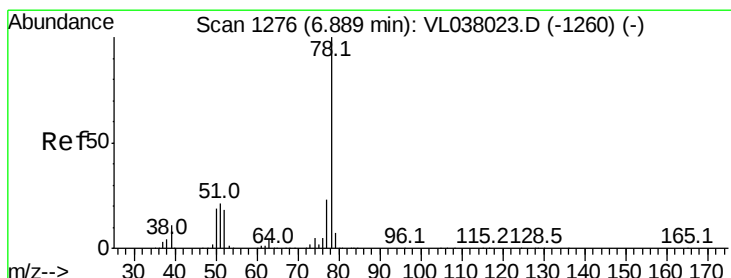
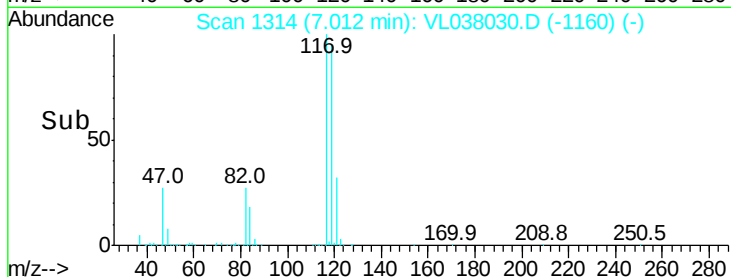
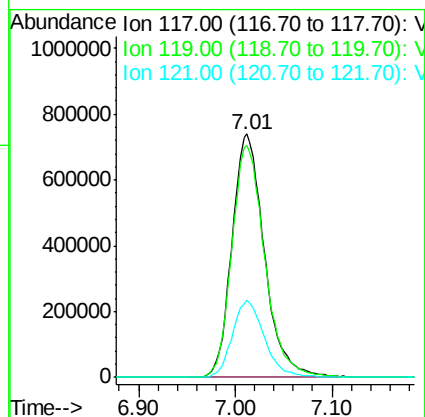
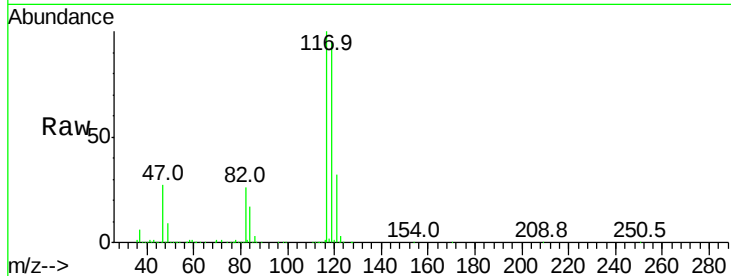


#35
Carbon Tetrachloride
Concen: 8.568 ppbv
RT: 7.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 6:54

Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

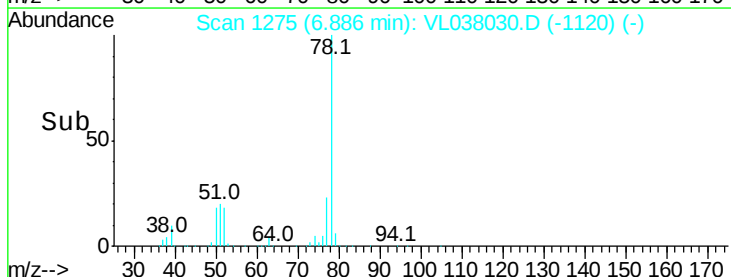
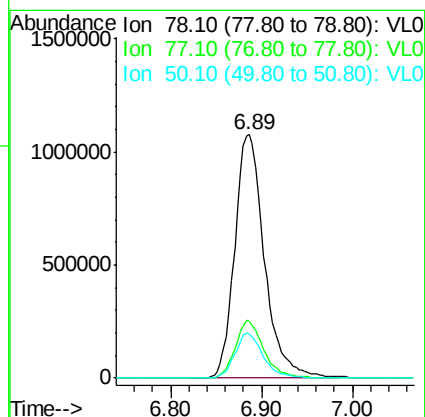
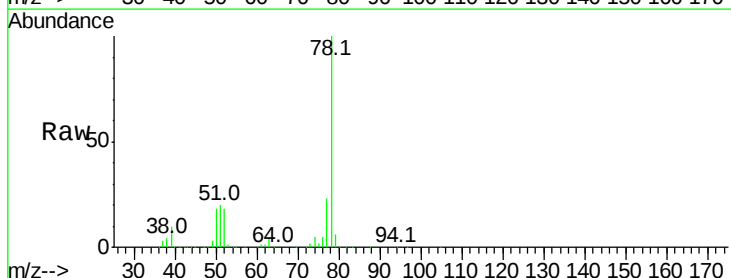
Manual Integrations
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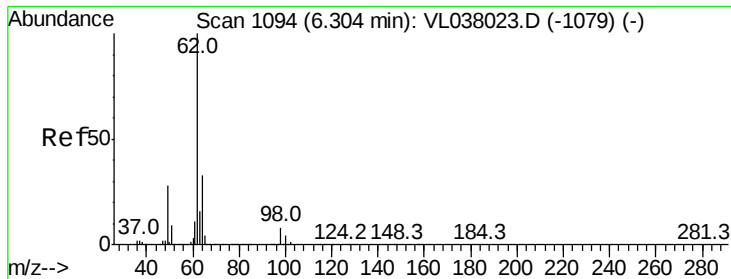
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
Benzene
Concen: 8.839 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 78 Resp: 2439769
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2
50 18.1 14.9 22.3



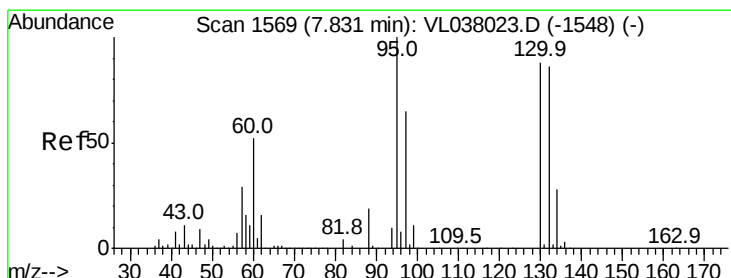
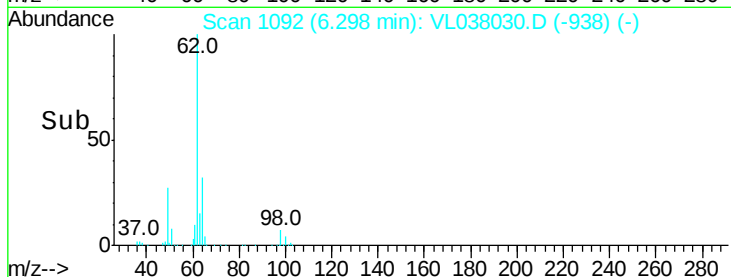
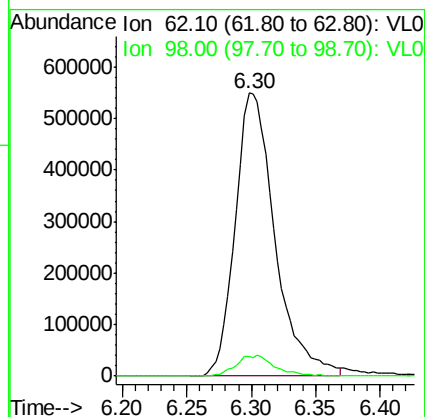
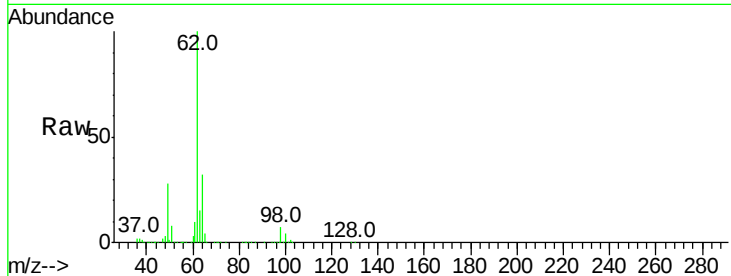


#37
 1,2-Dichloroethane
 Concen: 9.199 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 6:54

Tot Ion:
 Ion Ratio
 62 100
 98 7.

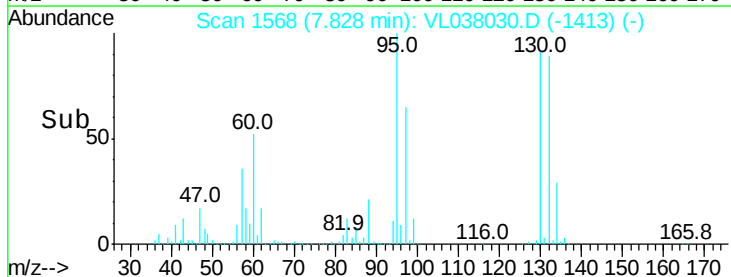
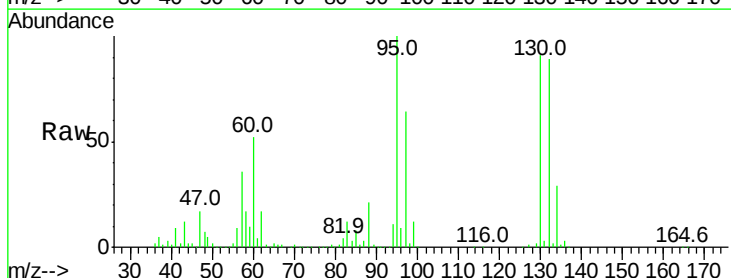
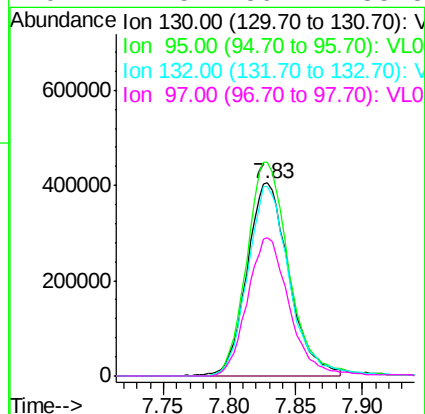
Manual Integrations
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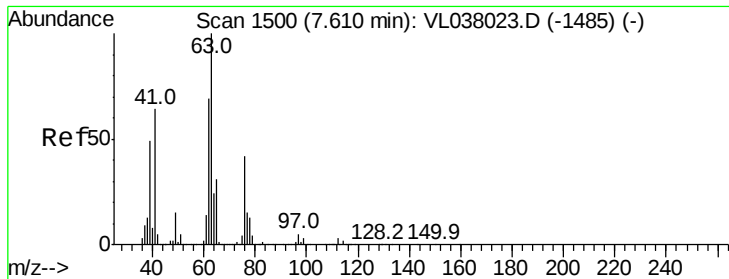
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 7.928 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion:130 Resp: 889066
 Ion Ratio Lower Upper
 130 100
 95 110.9 90.5 135.7
 132 98.2 77.4 116.0
 97 71.5 59.2 88.8



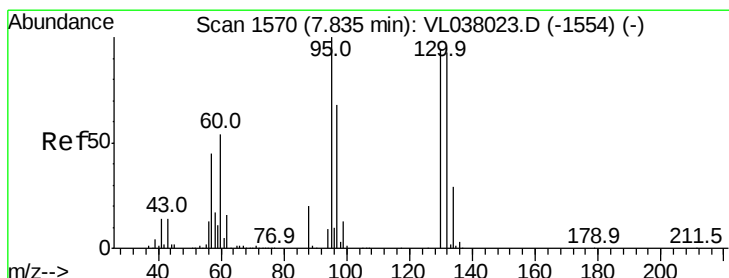
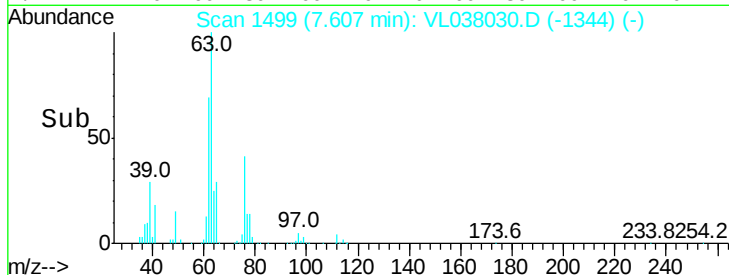
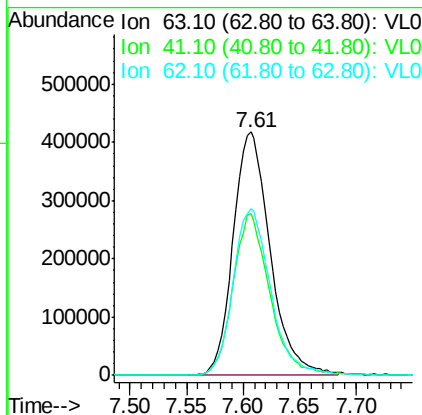
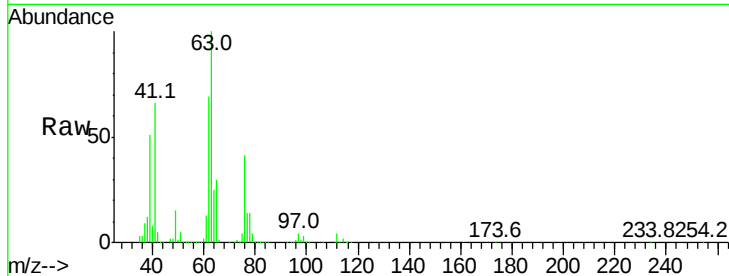


#39
 1,2-Dichloropropane
 Concen: 8.928 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 8:54

Tot Ion:
 Ion Ratio
 63 100
 41 66.
 62 68.

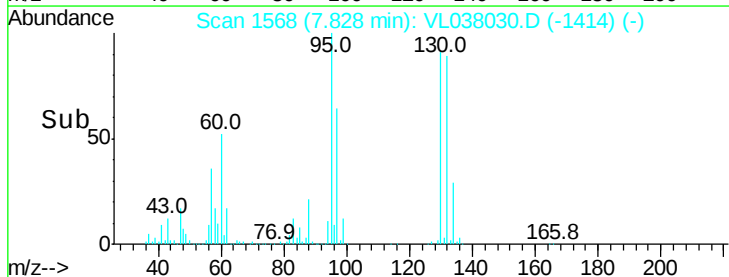
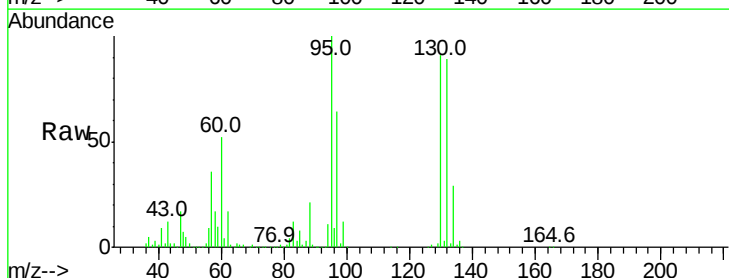
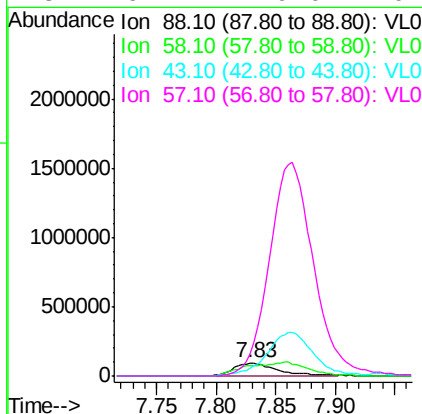
Manual Integrations
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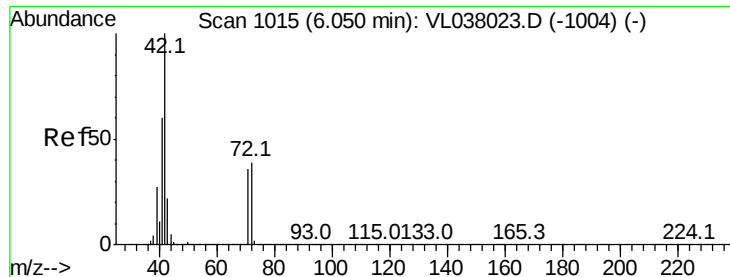
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 8.708 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 88 Resp: 239619
 Ion Ratio Lower Upper
 88 100
 58 153.1 0.0 0.0#
 43 367.6 0.0 0.0#
 57 1672.7 0.0 0.0#



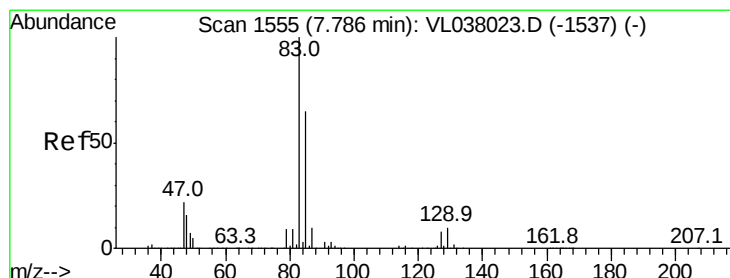
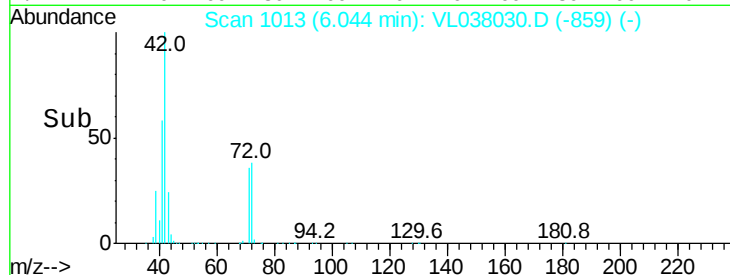
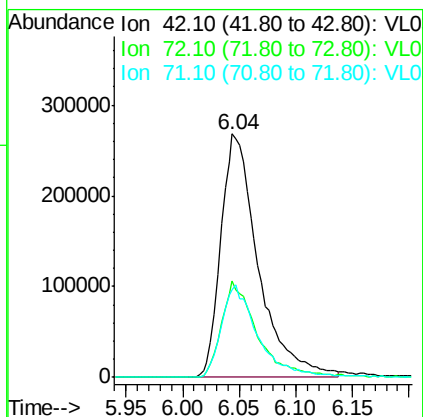
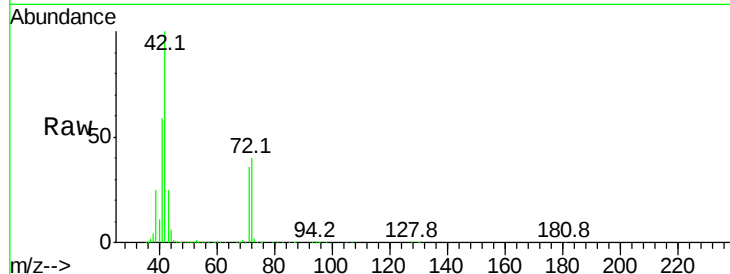


#41
Tetrahydrofuran
Concen: 8.982 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 6:54

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

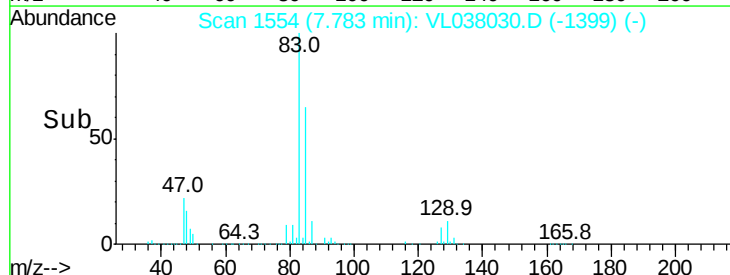
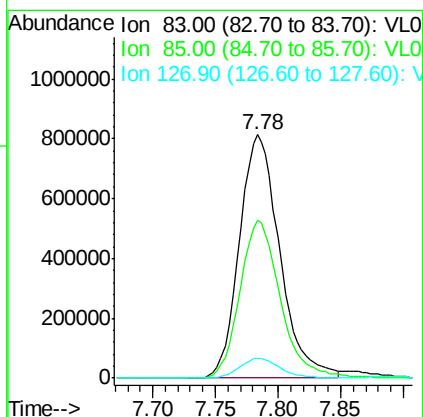
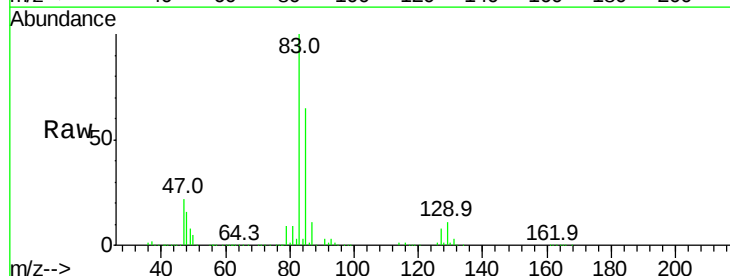
Manual Integrations
APPROVED

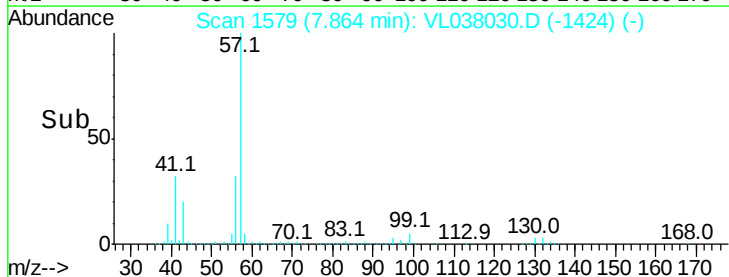
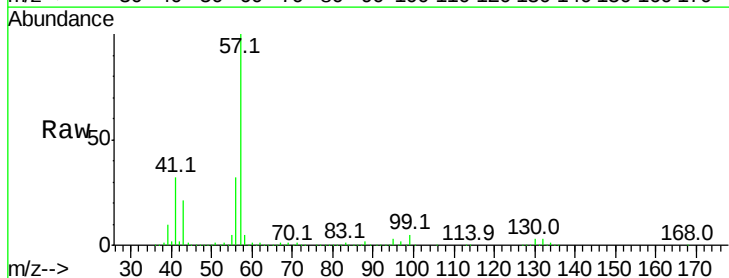
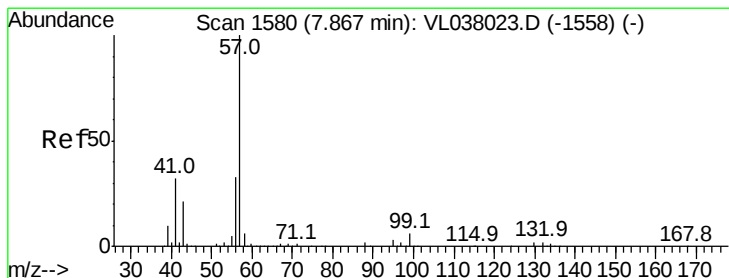
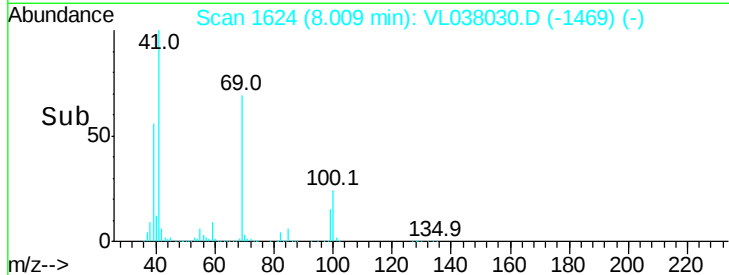
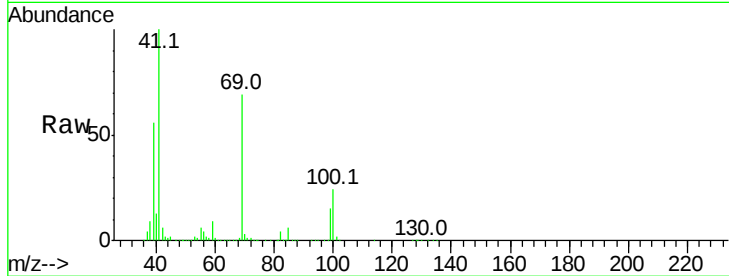
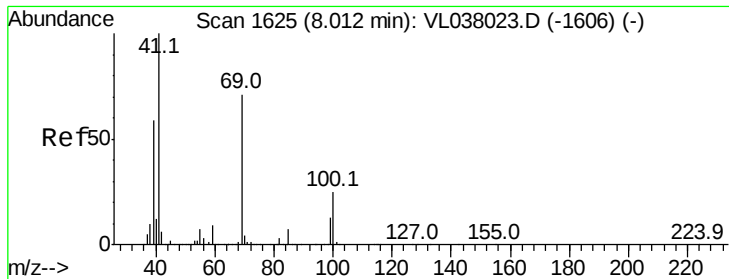
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 9.040 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion: 83 Resp: 1823376
Ion Ratio Lower Upper
83 100
85 64.8 51.6 77.4
127 8.1 6.6 10.0





#43

Methyl Methacrylate

Concen: 9.131 ppbv

RT: 8.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampled:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

69 100

41 145.

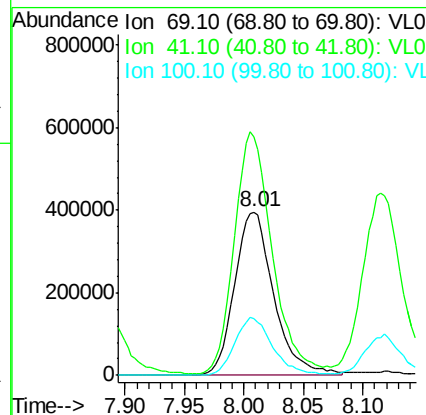
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

2,2,4-Trimethylpentane

Concen: 8.436 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

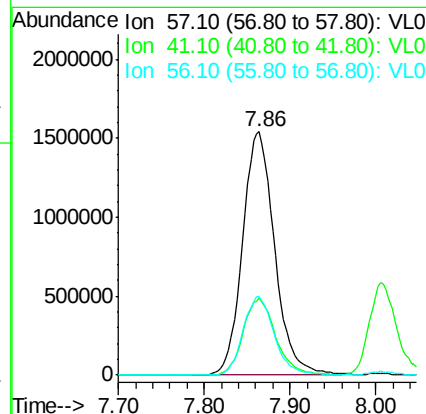
Tgt Ion: 57 Resp: 4000448

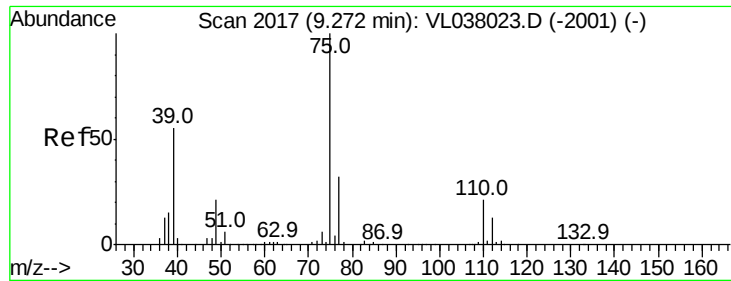
Ion Ratio Lower Upper

57 100

41 31.8 26.2 39.2

56 31.5 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 9.938 ppbv

RT: 9.27

Instrument: MSVOA_1

Delta R.T.

ClientSampleId:

Lab File: ICVVL111621

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

75 100

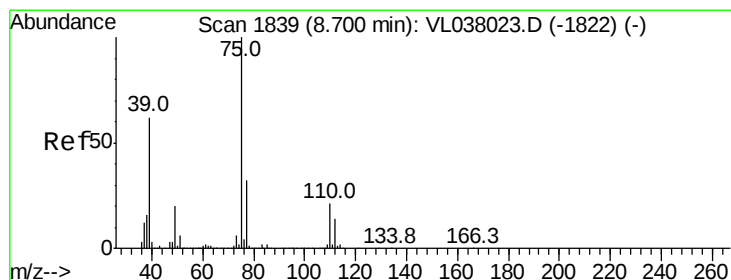
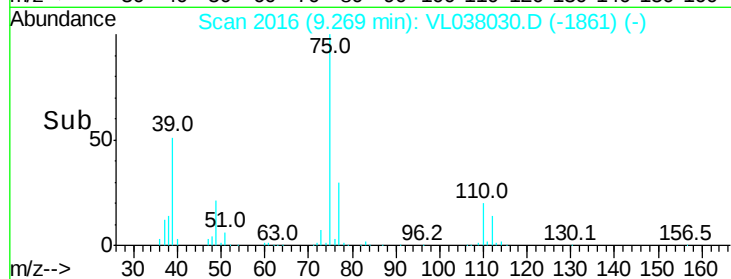
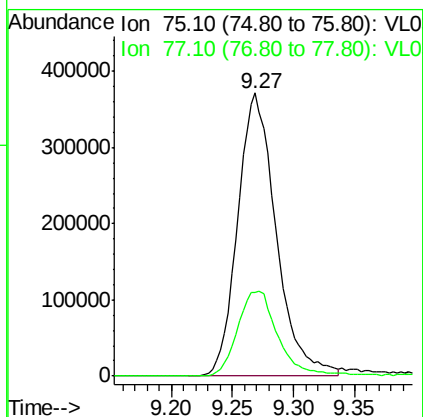
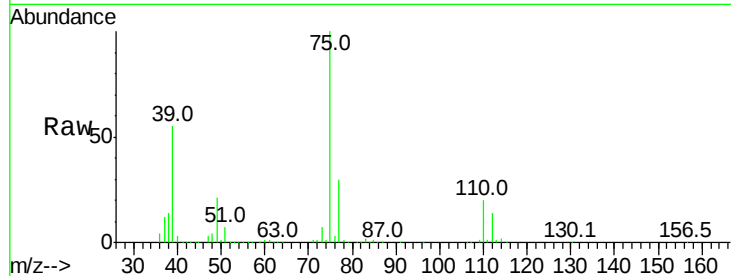
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 9.571 ppbv

RT: 8.70 min Scan# 1838

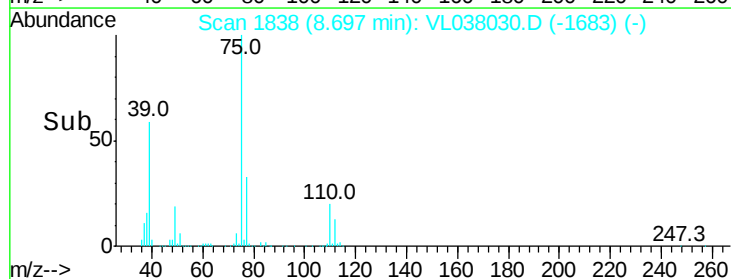
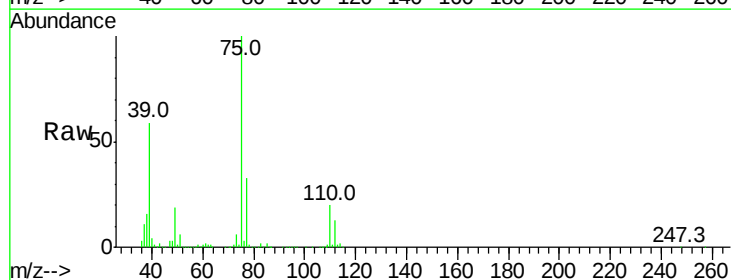
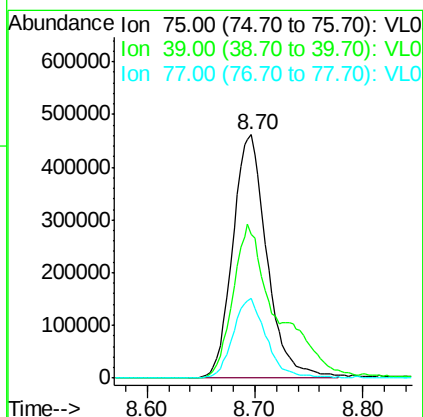
Delta R.T. -0.00 min

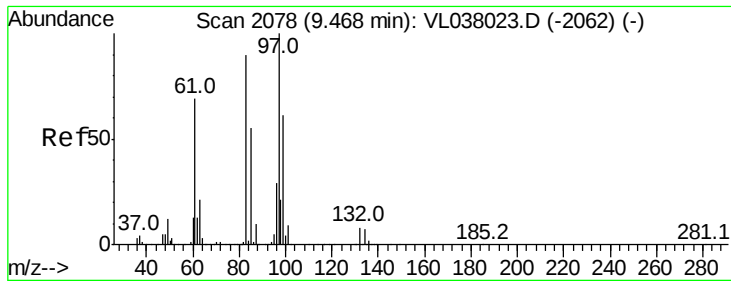
Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion: 75 Resp: 1019911

Ion	Ratio	Lower	Upper
75	100		
39	59.2	49.2	73.8
77	32.8	25.3	37.9





#47

1,1,2-Trichloroethane

Concen: 9.073 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

Tot Ion:

Ion Ratio

97 100

83 85.

85 57.

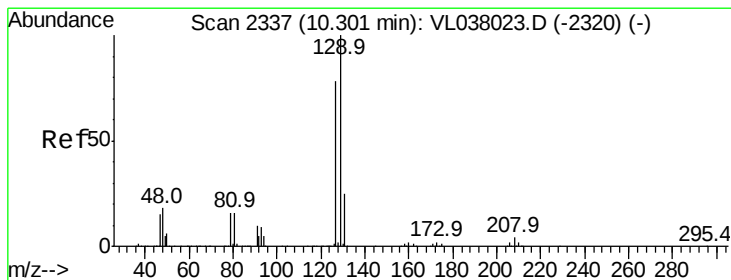
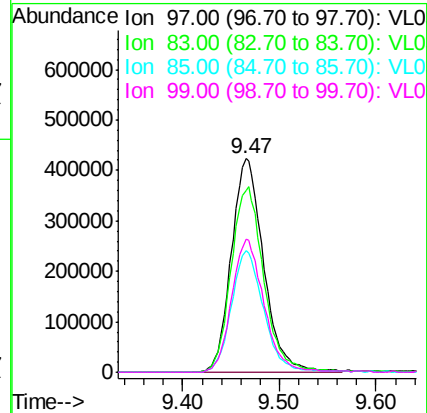
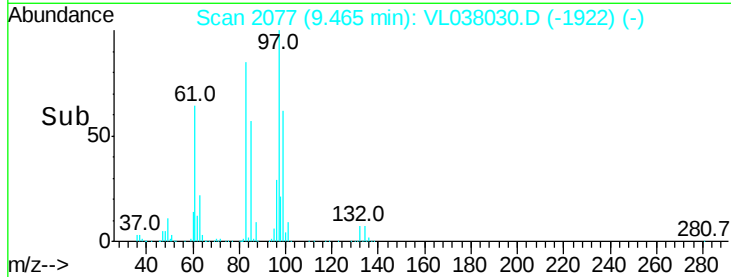
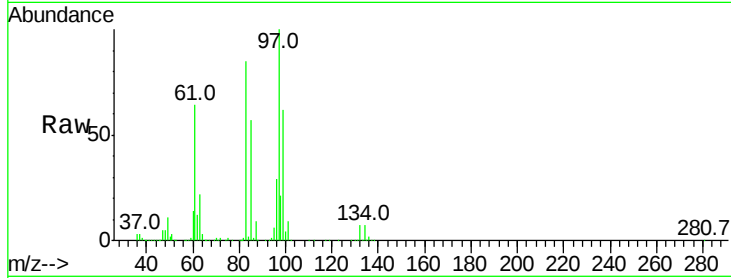
99 62.2 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Dibromochloromethane

Concen: 9.150 ppbv

RT: 10.29 min Scan# 2335

Delta R.T. -0.01 min

Lab File: VL038030.D

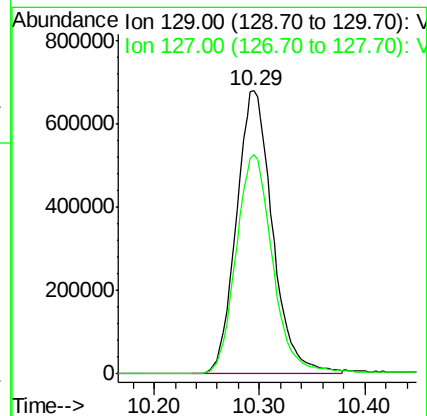
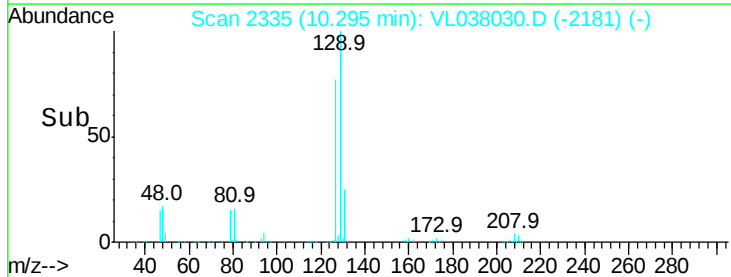
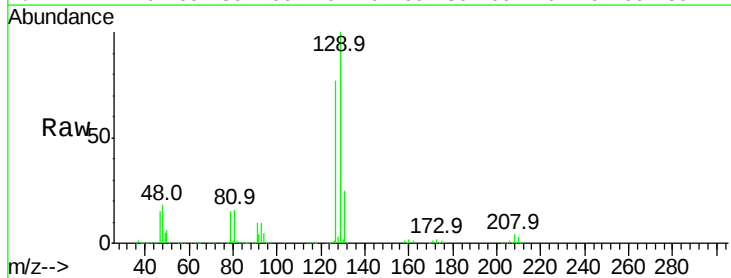
Acq: 16 Nov 2021 6:54

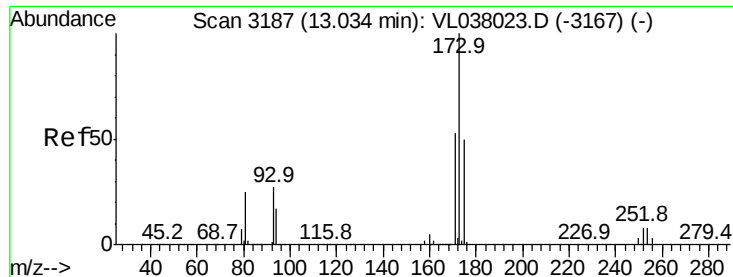
Tgt Ion:129 Resp: 1612297

Ion Ratio Lower Upper

129 100

127 79.6 40.1 120.3





#49

Bromoform

Concen: 9.003 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 16 Nov 2021

Instrument:

MSVOA_L

ClientSampleId:

ICVVL111621

8:54

Tot Ion:1

Ion Ratio

173 100

175 51.

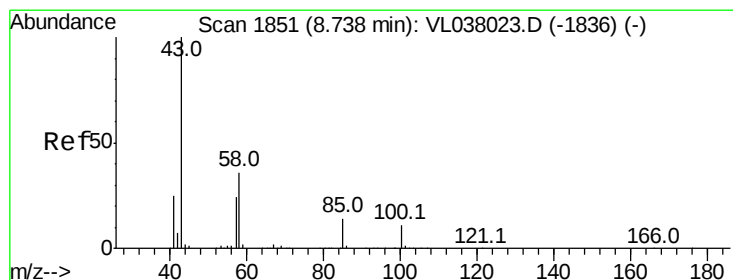
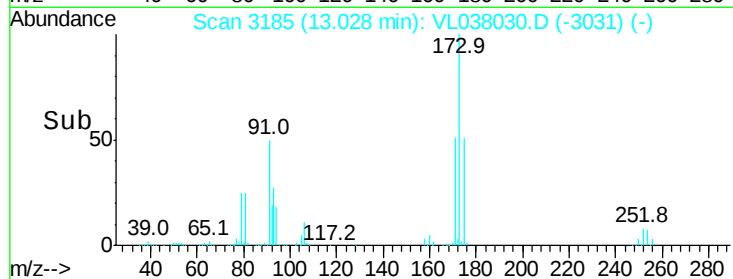
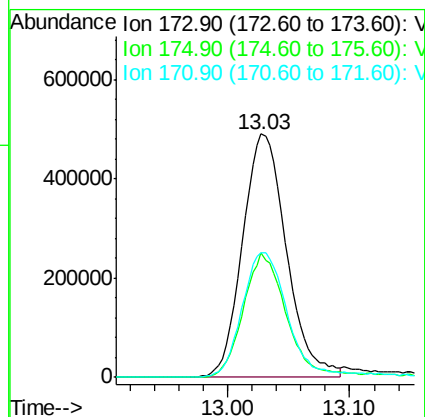
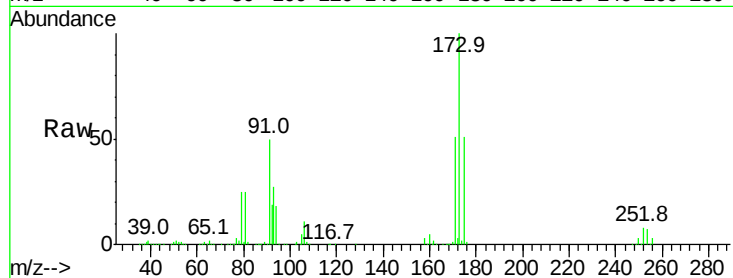
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

4-Methyl-2-Pentanone

Concen: 9.106 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. -0.00 min

Lab File: VL038030.D

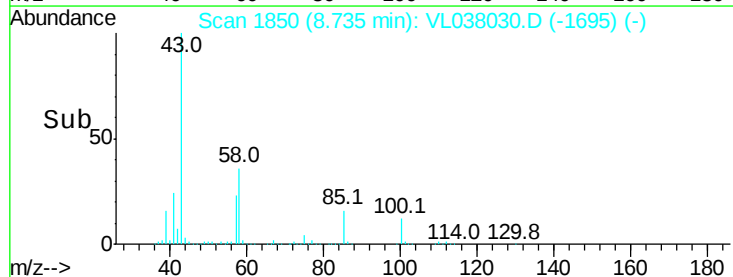
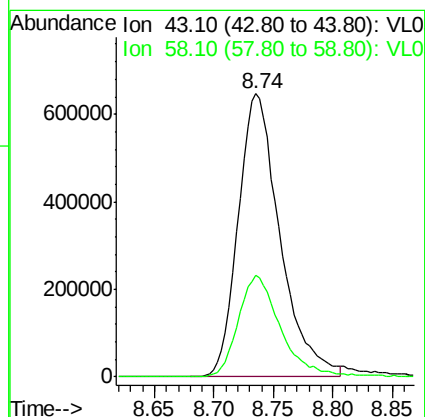
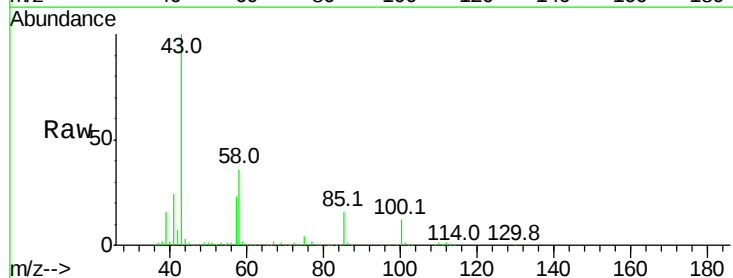
Acq: 16 Nov 2021 6:54

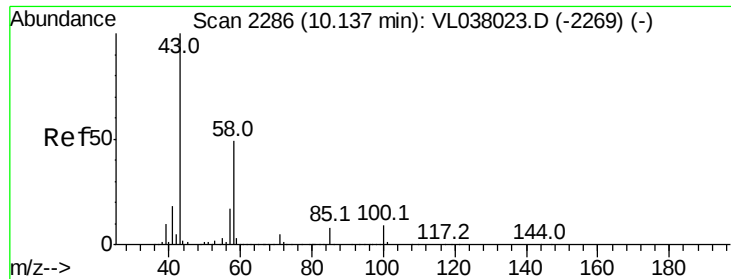
Tgt Ion: 43 Resp: 1571584

Ion Ratio Lower Upper

43 100

58 36.8 29.8 44.6



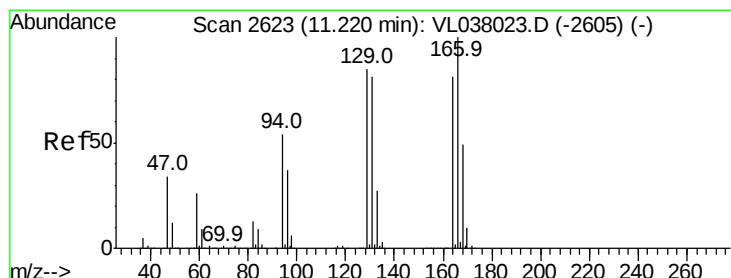
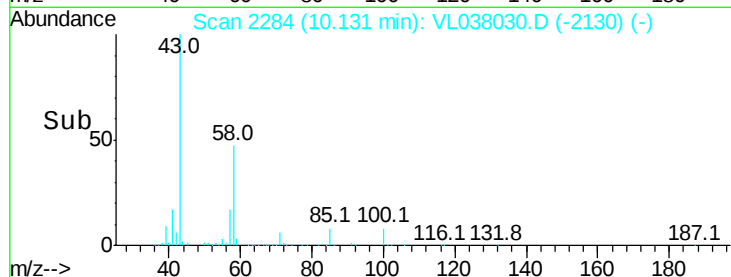
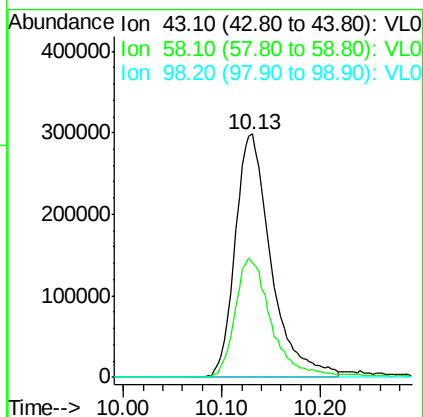
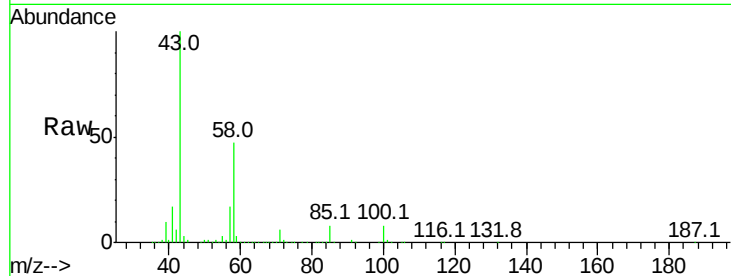


#51
2-Hexanone
Concen: 9.333 ppbv
RT: 10.13 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 6:54

Tot Ion:
Ion Ratio
43 100
58 51.1
98 0.

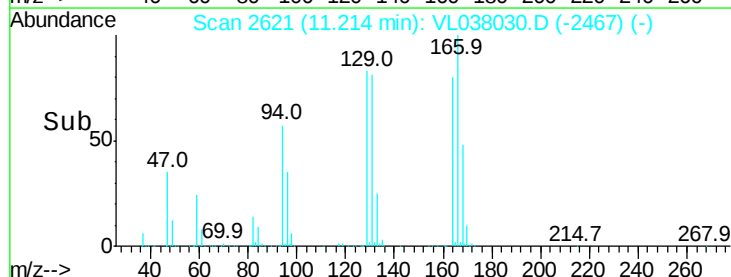
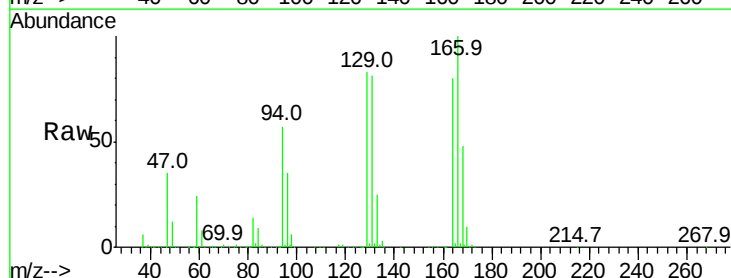
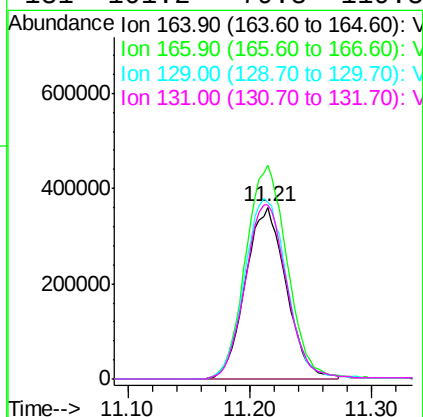
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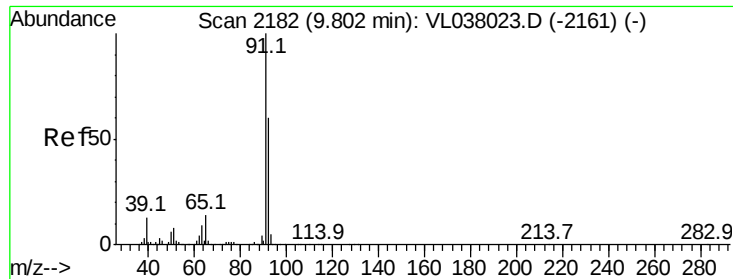
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 7.974 ppbv
RT: 11.21 min Scan# 2621
Delta R.T.: -0.01 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion:164 Resp: 830876
Ion Ratio Lower Upper
164 100
166 124.2 98.6 148.0
129 102.5 84.1 126.1
131 101.2 79.8 119.8





#53

Toluene

Concen: 8.722 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

91 100

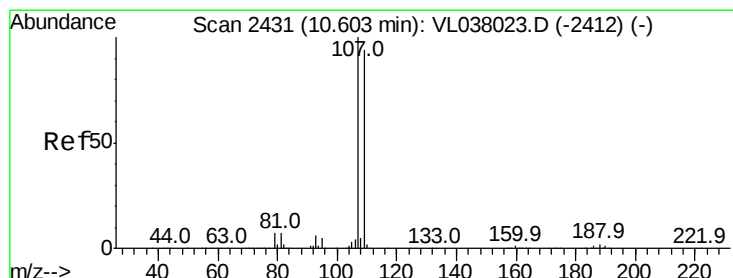
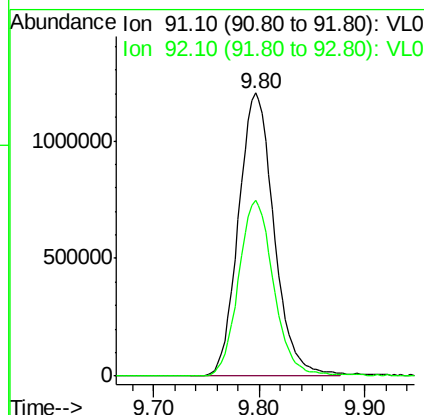
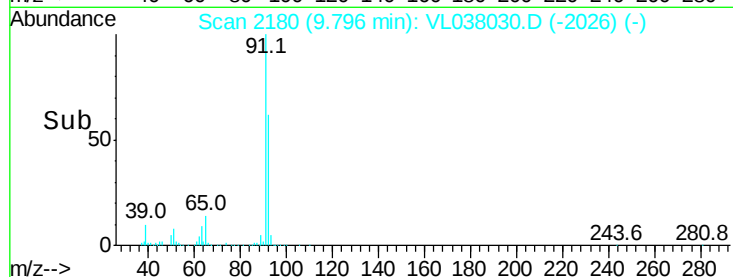
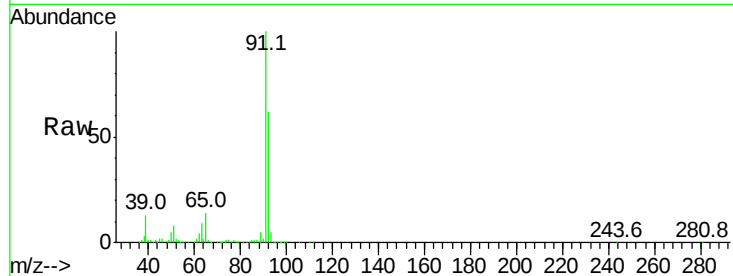
92 62.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 9.241 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VL038030.D

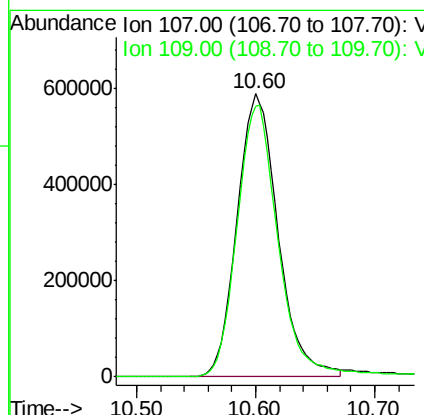
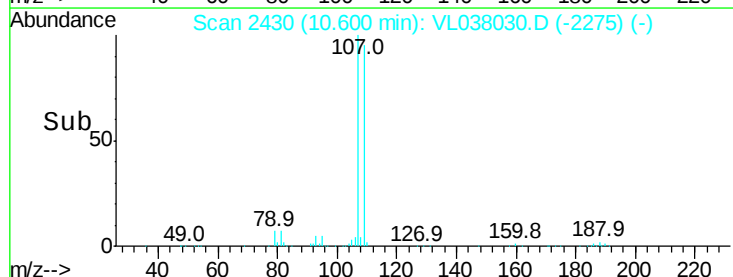
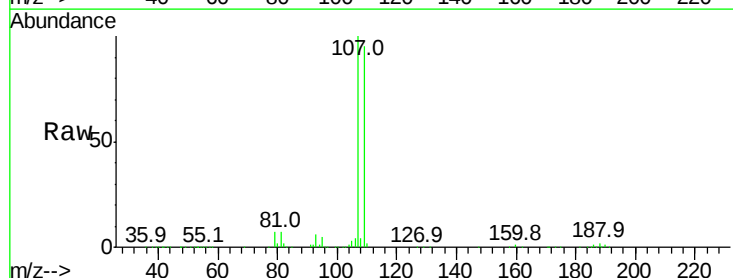
Acq: 16 Nov 2021 6:54

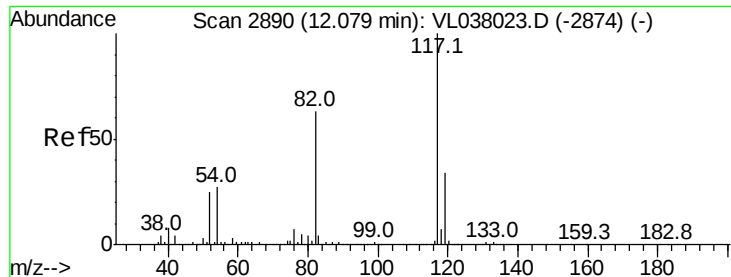
Tgt Ion:107 Resp: 1403192

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6



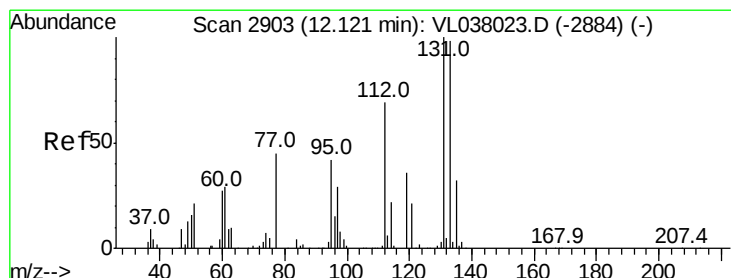
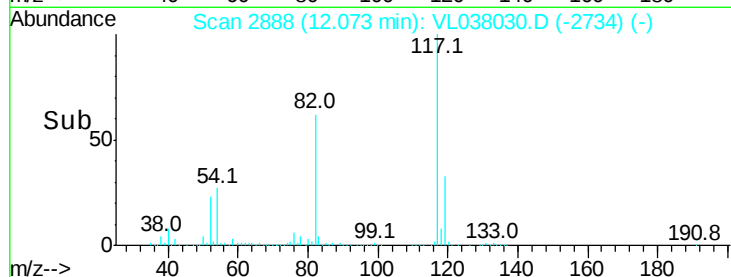
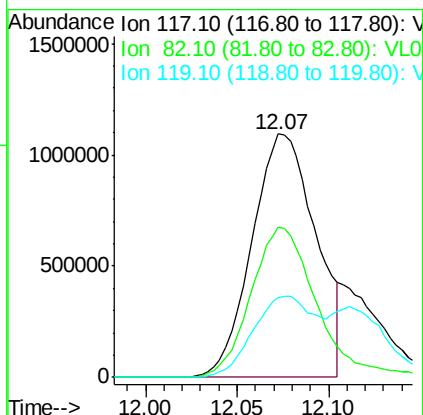
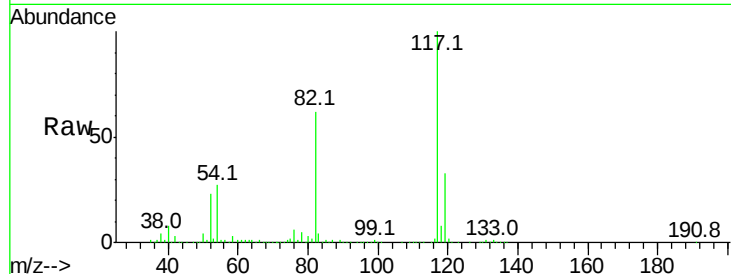


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv m
 RT: 12.07
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 ICVVL111621
 Acq: 16 Nov 2021 8:54

Tot Ion:1
 Ion Rati
 117 100
 82 65.
 119 33.

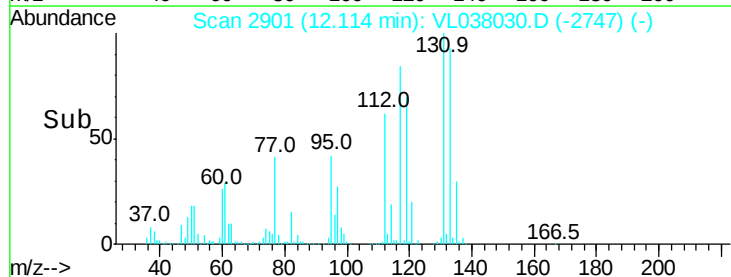
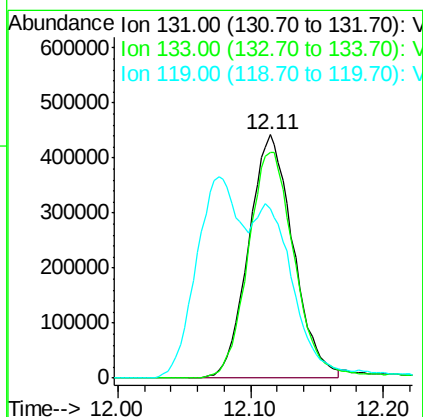
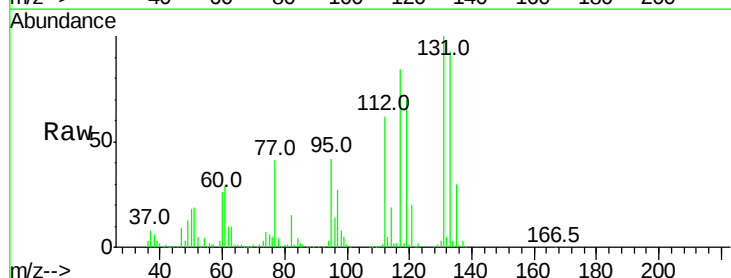
Manual Integrations
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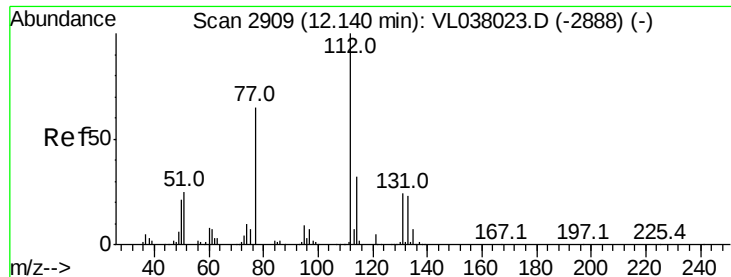
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#56
 1,1,1,2-Tetrachloroethane
 Concen: 8.887 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion:131 Resp: 1032111
 Ion Ratio Lower Upper
 131 100
 133 99.6 79.4 119.2
 119 64.7 122.4 183.6#





#57

Chlorobenzene

Concen: 9.023 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 6:54

Tot Ion:1

Ion Rati

112 100

77 64.

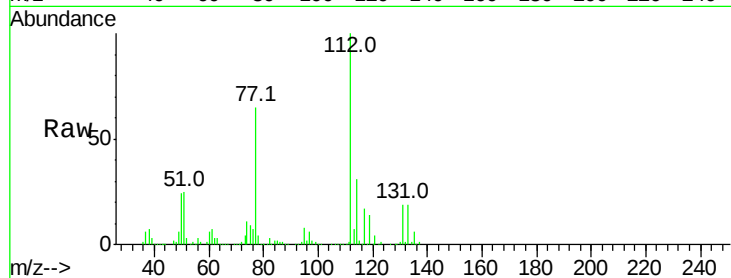
114 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

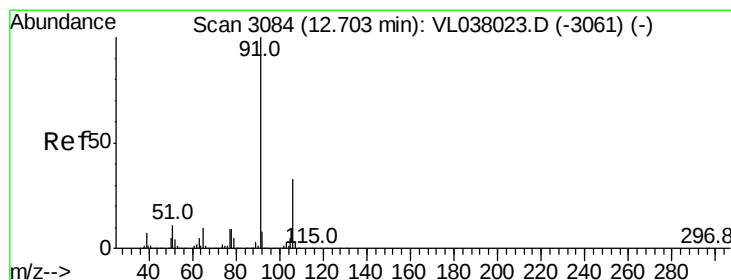
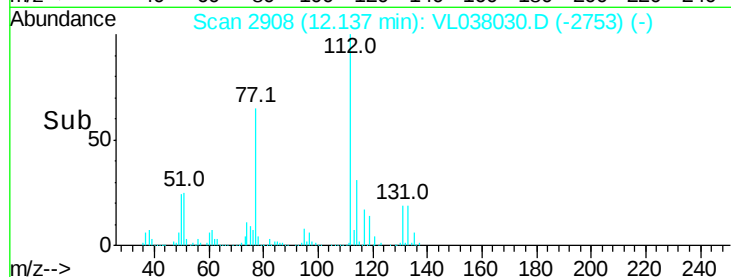
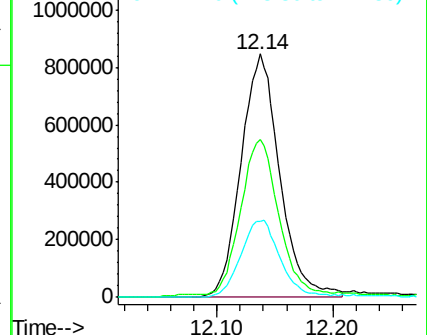
Supervised By :Mahesh Dadoda 11/17/2021



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: 8.955 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.00 min

Lab File: VL038030.D

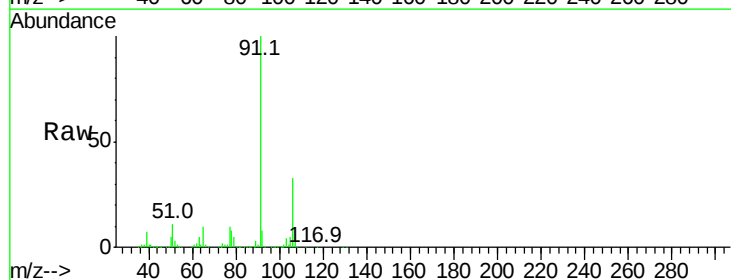
Acq: 16 Nov 2021 6:54

Tgt Ion: 91 Resp: 3617723

Ion Ratio Lower Upper

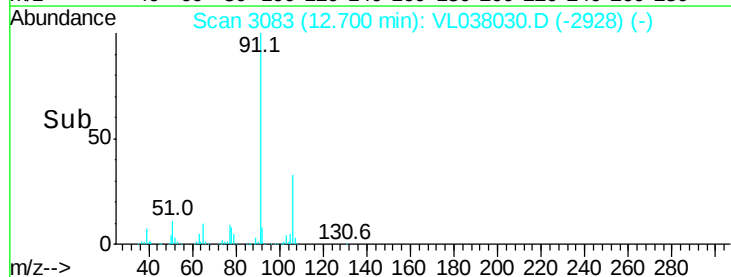
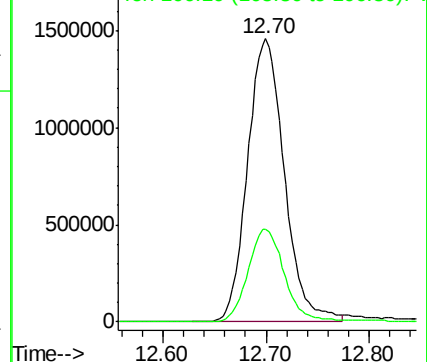
91 100

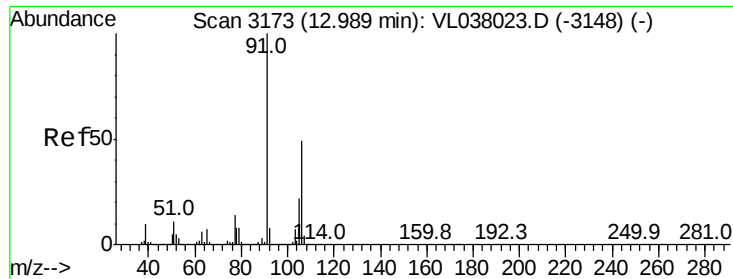
106 32.9 26.2 39.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 17.660 ppbv m

RT: 12.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

91 100

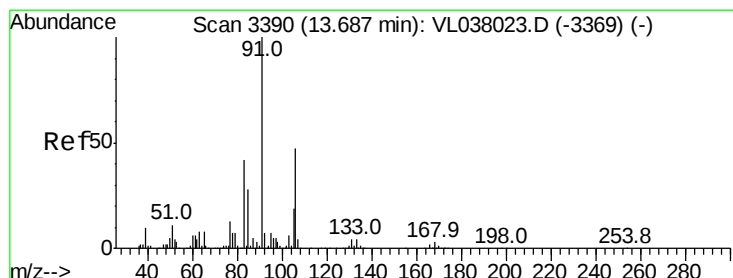
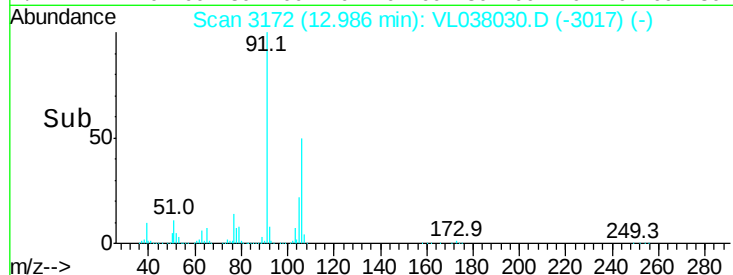
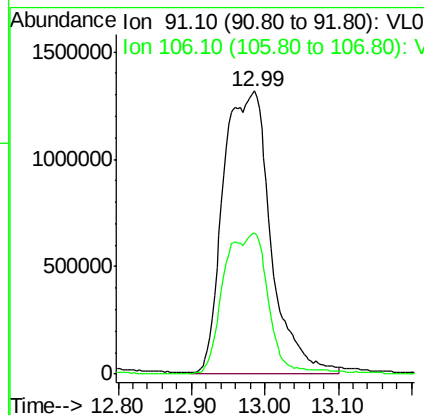
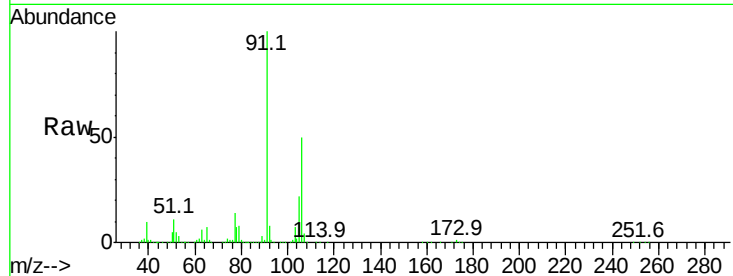
106 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

o-Xylene

Concen: 8.742 ppbv

RT: 13.68 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VL038030.D

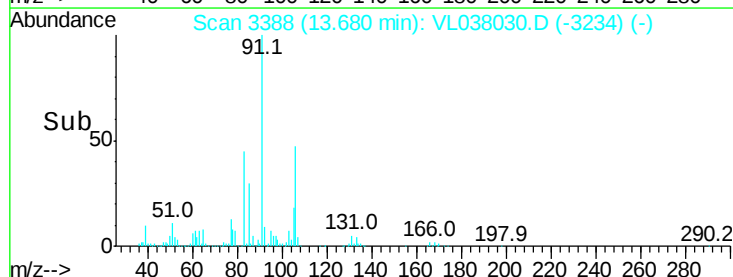
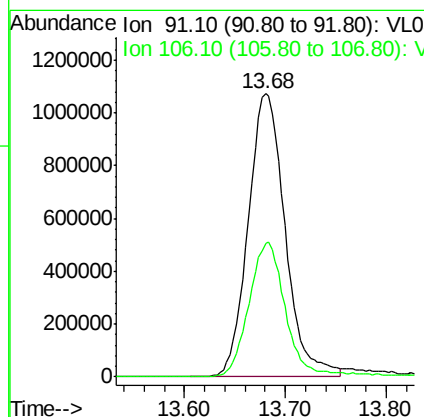
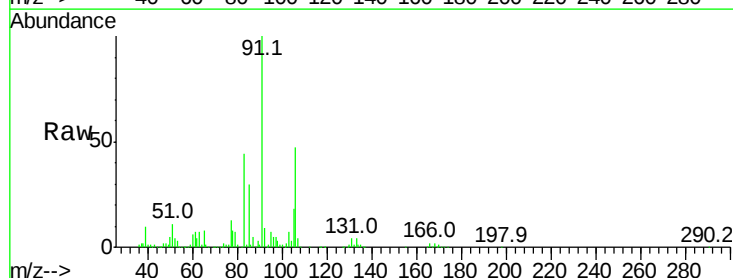
Acq: 16 Nov 2021 6:54

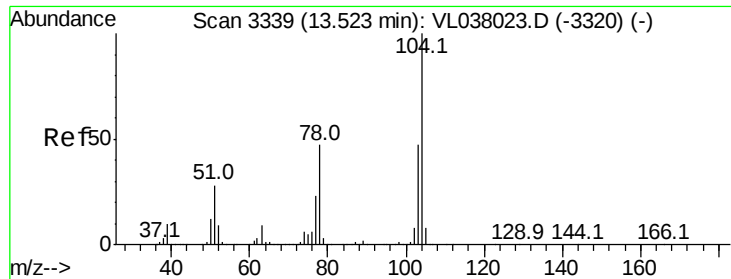
Tgt Ion: 91 Resp: 2723833

Ion Ratio Lower Upper

91 100

106 48.4 24.4 73.2



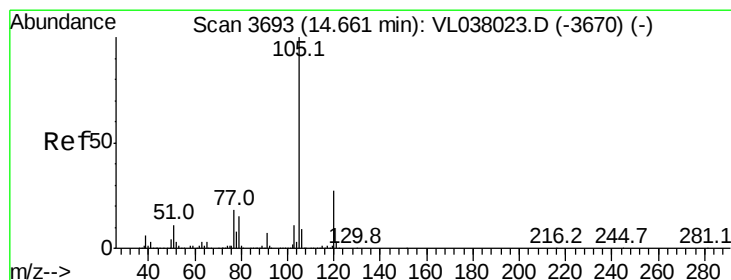
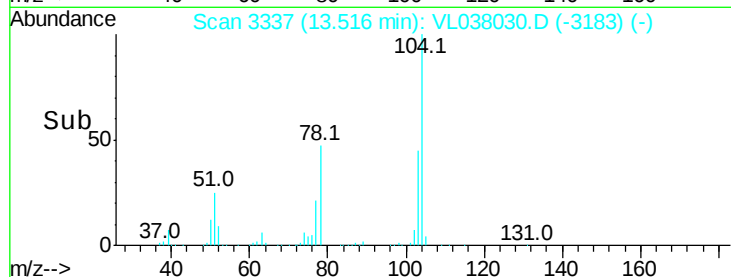
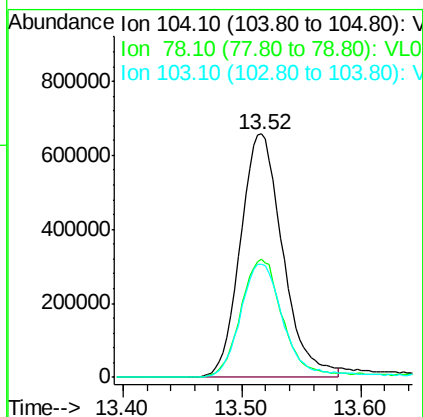
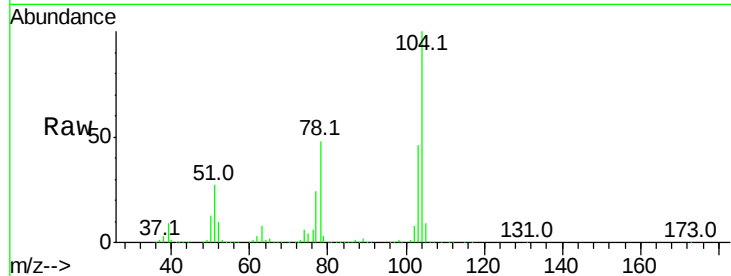


#61
Stvrene
Concen: 9.332 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 8:54

Tot Ion:1
Ion Rati
104 100
78 49.
103 48.

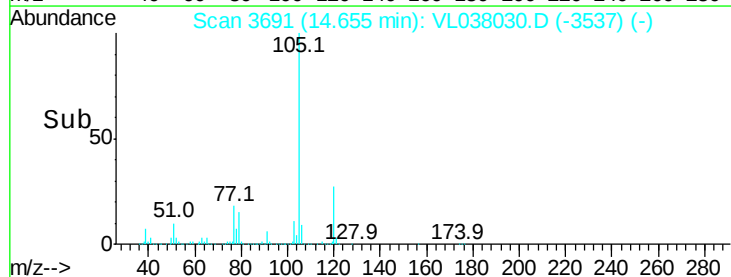
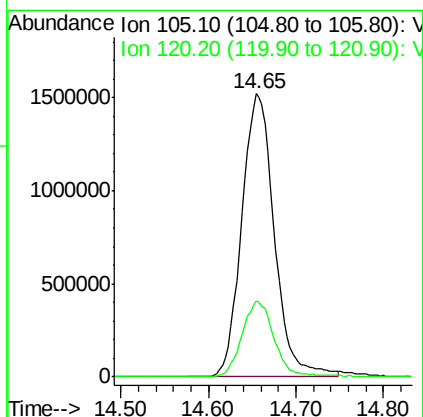
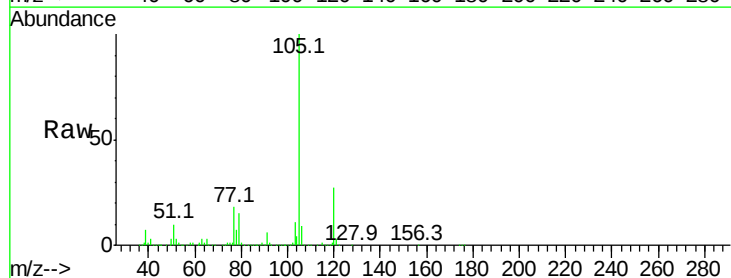
Manual Integrations
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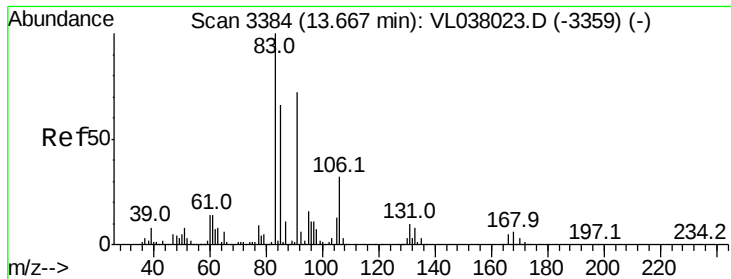
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
Isopropylbenzene
Concen: 8.715 ppbv
RT: 14.65 min Scan# 3691
Delta R.T. -0.01 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion:105 Resp: 3926281
Ion Ratio Lower Upper
105 100
120 26.9 21.7 32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 8.130 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:54

Tot Ion:

Ion Ratio

83 100

131 9.

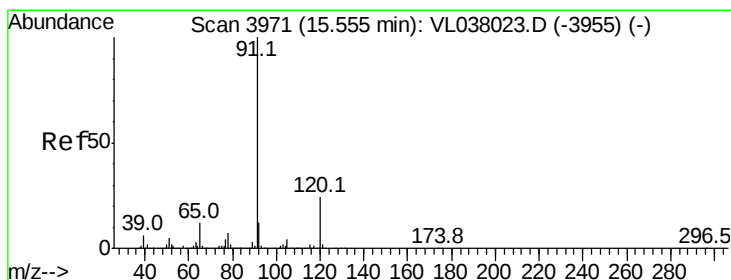
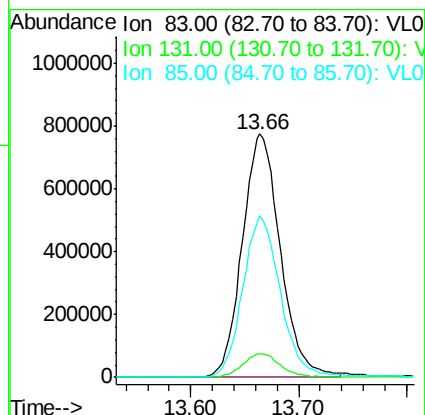
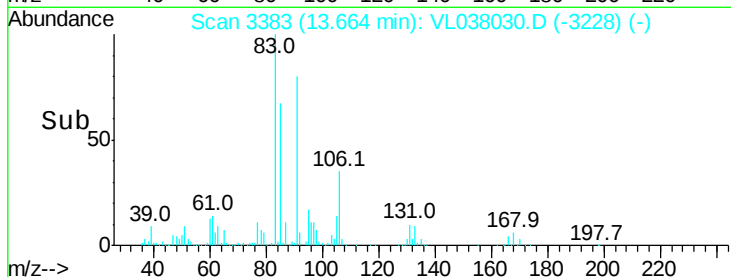
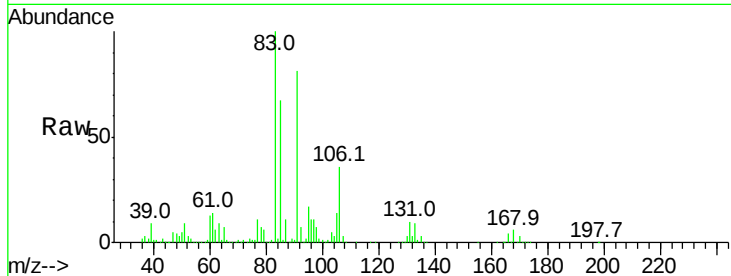
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 9.085 ppbv

RT: 15.55 min Scan# 3969

Delta R.T. -0.01 min

Lab File: VL038030.D

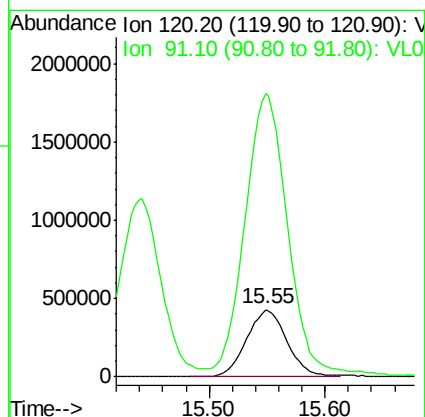
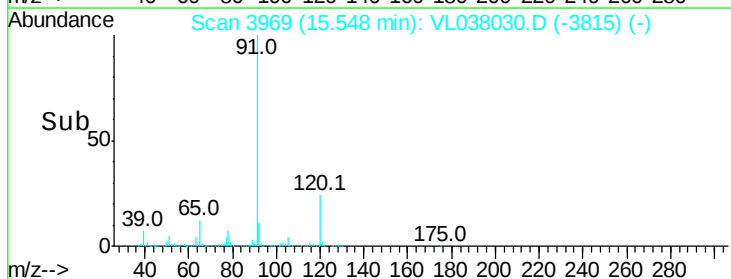
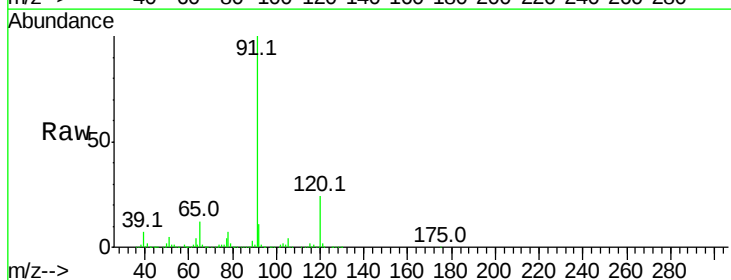
Acq: 16 Nov 2021 6:54

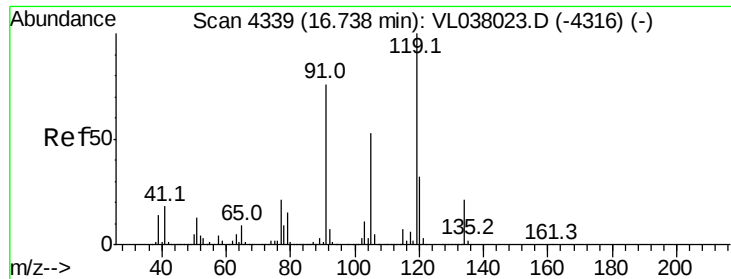
Tgt Ion:120 Resp: 1043470

Ion Ratio Lower Upper

120 100

91 447.8 366.7 550.1





#65

tert-Butylbenzene

Concen: 8.342 ppbv

RT: 16.73

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 8:54

Tot Ion:1

Ion Rati

119 100

91 77.

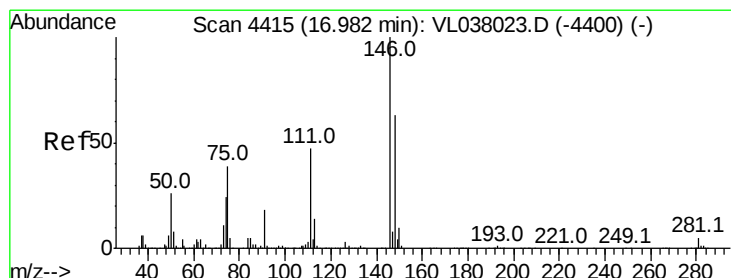
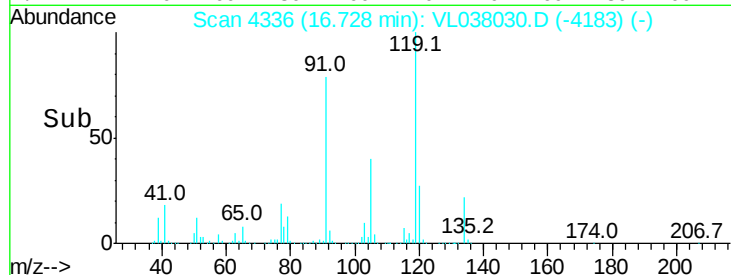
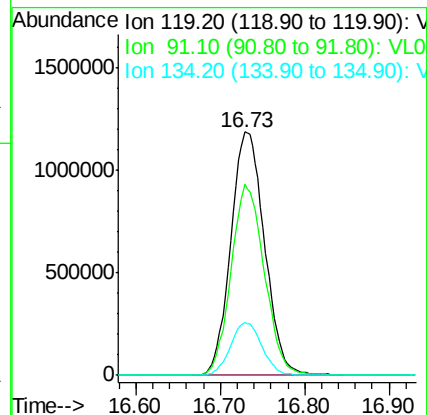
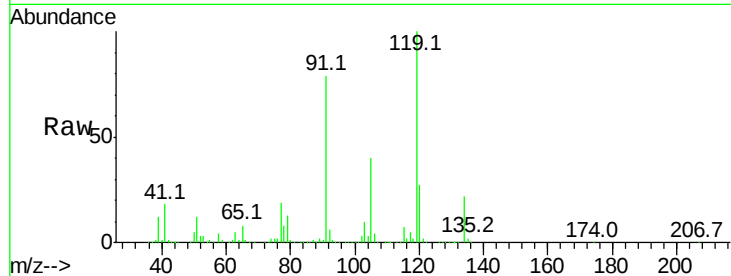
134 20.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#66

Benzyl Chloride

Concen: 8.534 ppbv

RT: 16.97 min Scan# 4412

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

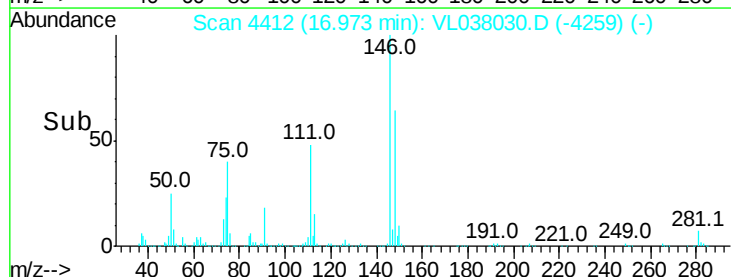
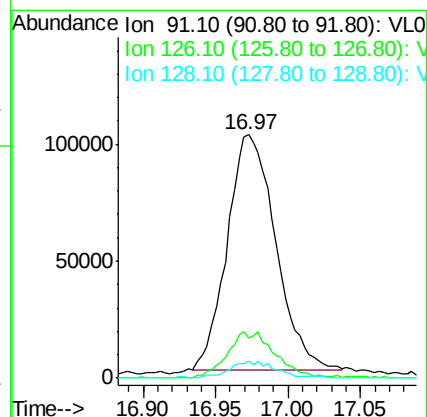
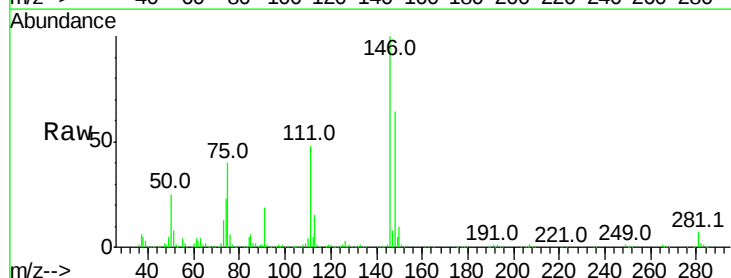
Tgt Ion: 91 Resp: 235613

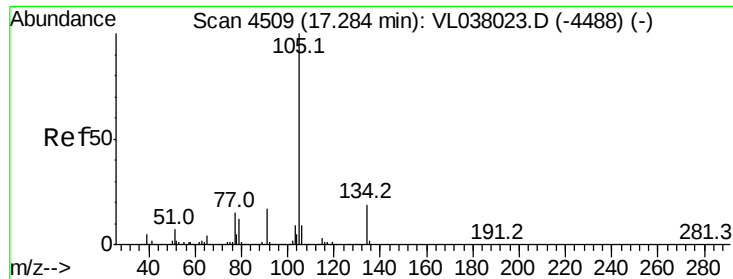
Ion Ratio Lower Upper

91 100

126 20.1 16.4 24.6

128 7.2 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.418 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 6:54

Tot Ion:1

Ion Rati

105 100

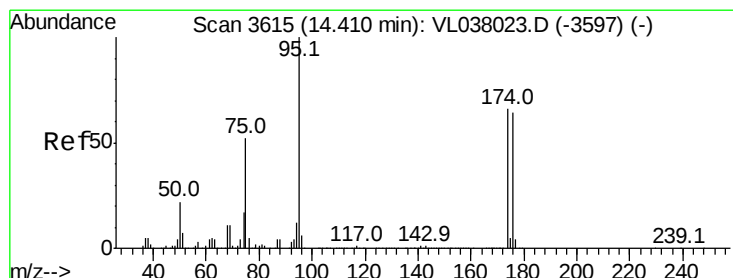
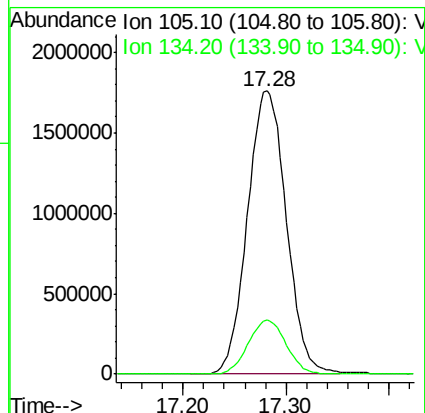
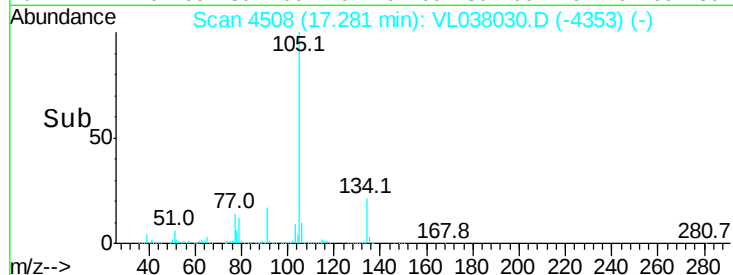
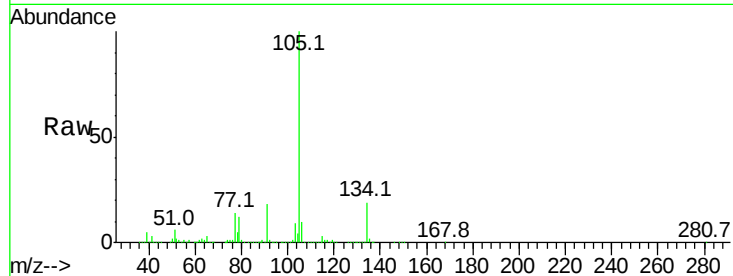
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.471 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

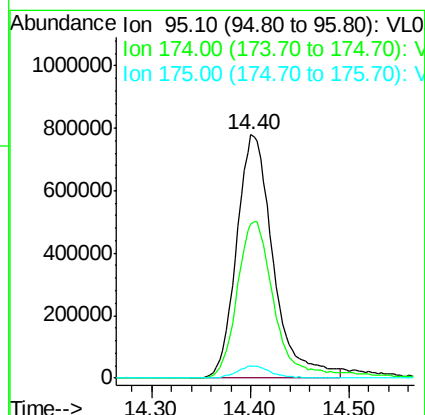
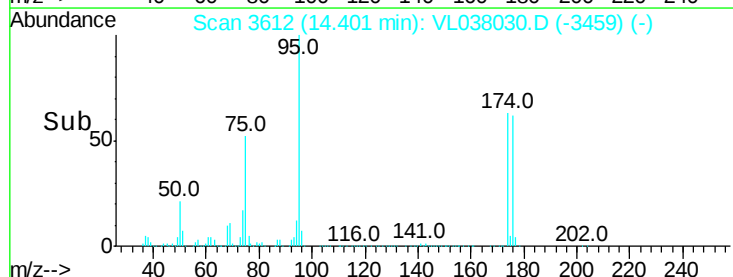
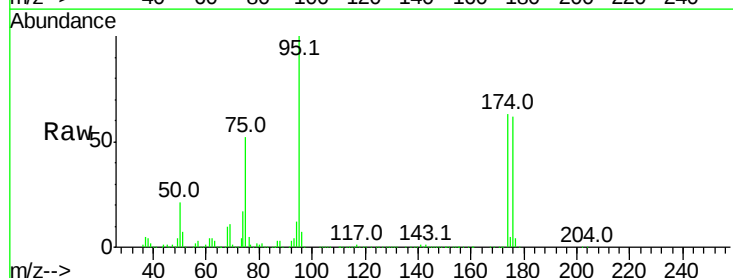
Tgt Ion: 95 Resp: 2012318

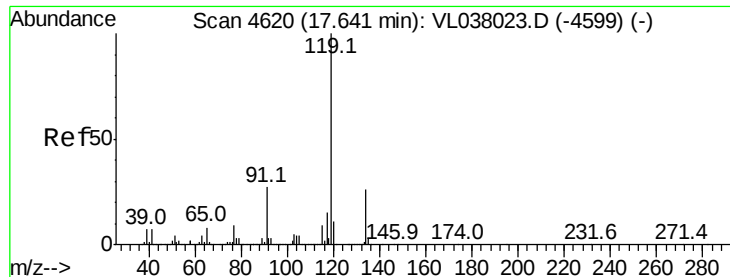
Ion Ratio Lower Upper

95 100

174 66.7 55.0 82.6

175 5.1 4.2 6.2



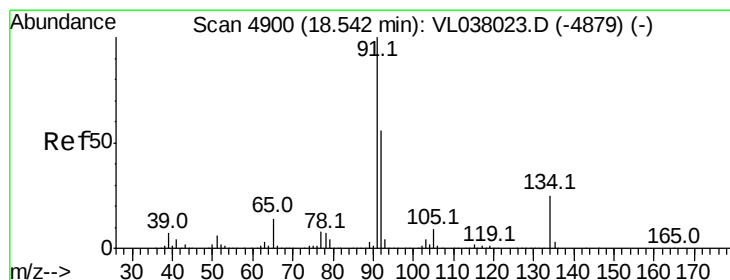
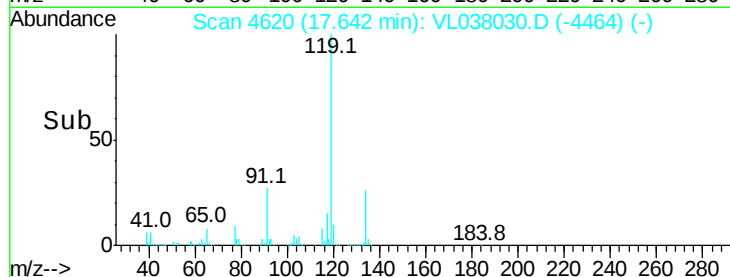
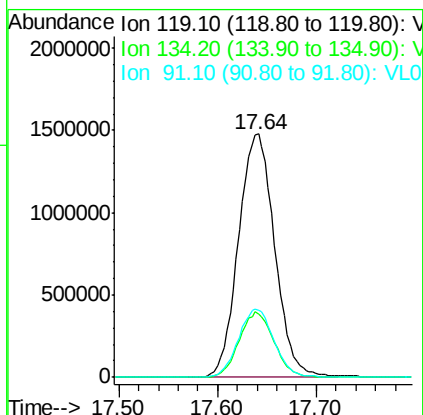
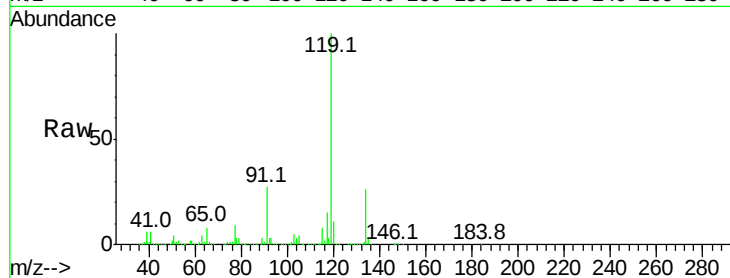


#69
 p-Isopropyltoluene
 Concen: 8.519 ppbv
 RT: 17.64 min
 Delta R.T.: 0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

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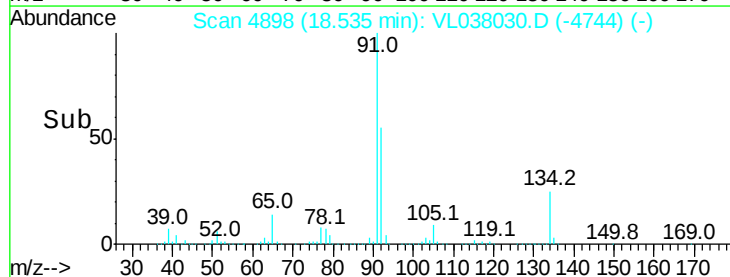
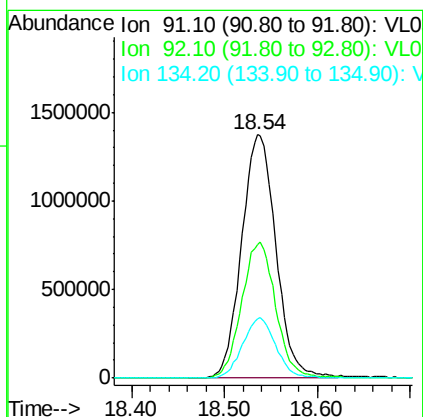
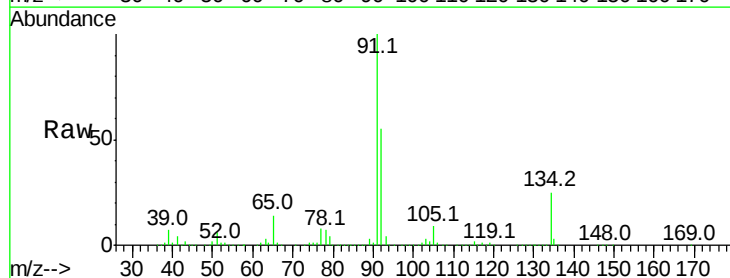
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021

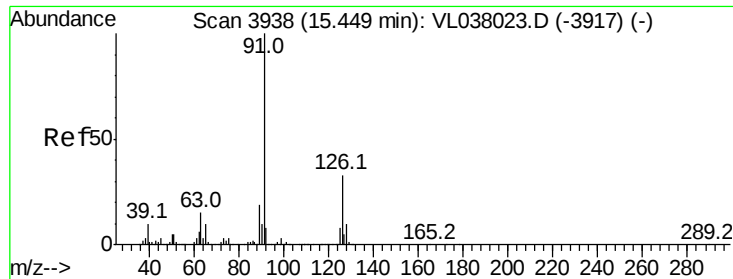
Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.



#70
 n-Butylbenzene
 Concen: 8.757 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T.: -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion: 91 Resp: 3534256
 Ion Ratio Lower Upper
 91 100
 92 55.6 44.4 66.6
 134 24.3 19.7 29.5



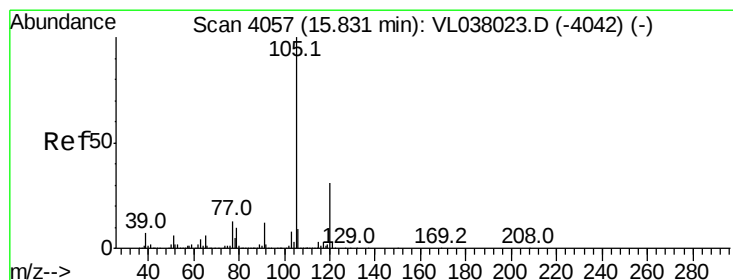
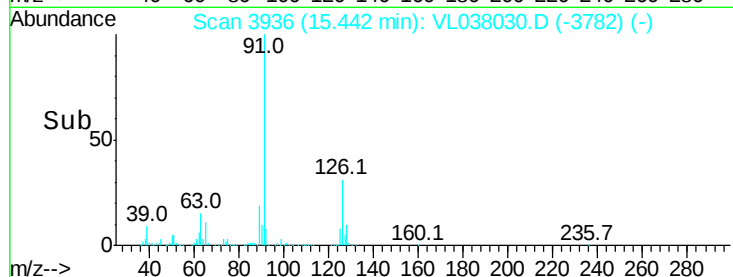
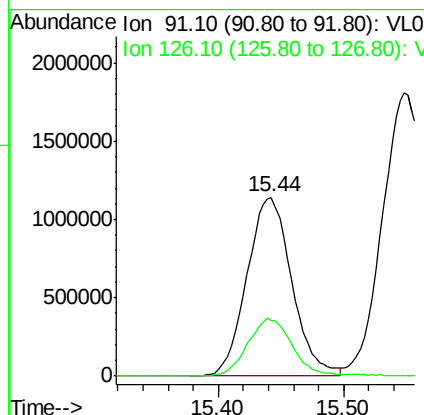
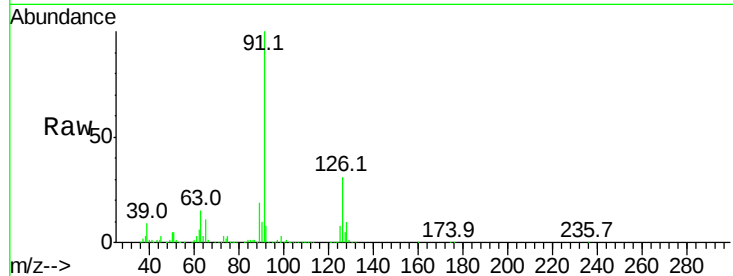


#71
 2-Chlorotoluene
 Concen: 8.810 ppbv
 RT: 15.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 16 Nov 2021 8:54

Manual Integrations
 APPROVED

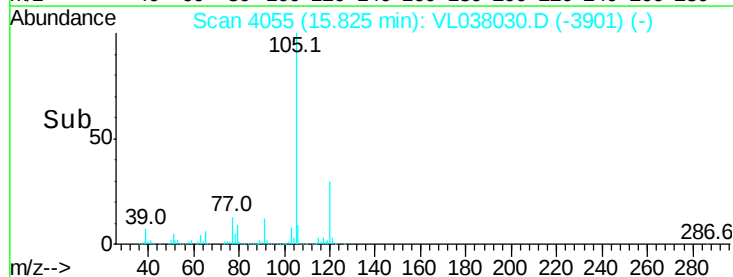
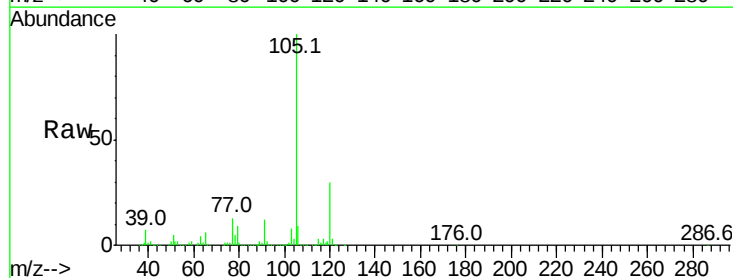
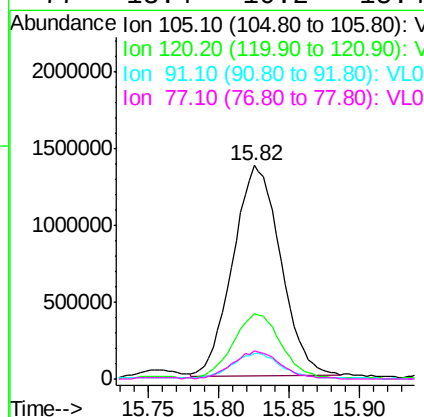
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

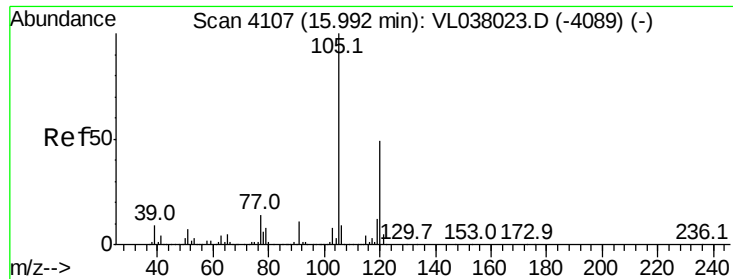
Tot Ion:
 Ion Ratio
 91 100
 126 33.



#72
 4-Ethyltoluene
 Concen: 8.725 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.01 min
 Lab File: VL038030.D
 Acq: 16 Nov 2021 6:54

Tgt Ion:105 Resp: 3241782
 Ion Ratio Lower Upper
 105 100
 120 31.8 24.7 37.1
 91 12.3 9.3 13.9
 77 13.4 10.2 15.4





#73

1,3,5-Trimethylbenzene

Concen: 8.606 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 6:54

Tot Ion:1

Ion Rati

105 100

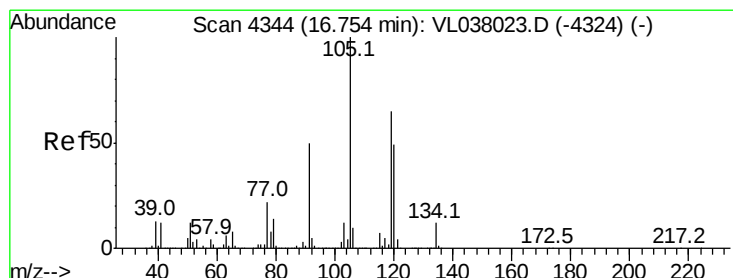
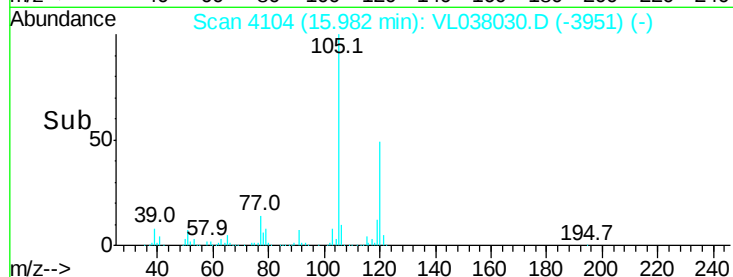
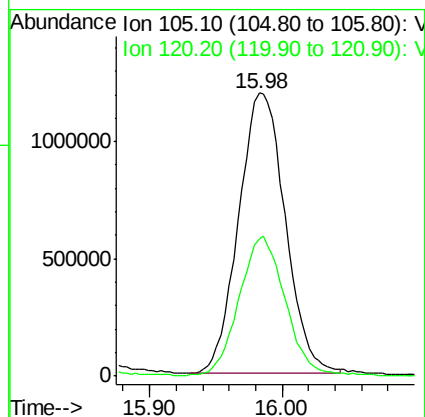
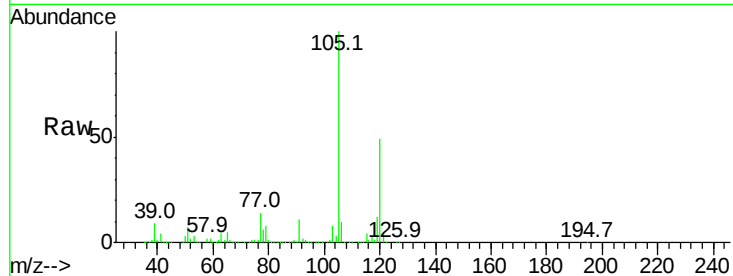
120 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.589 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

Tgt Ion:105 Resp: 2938804

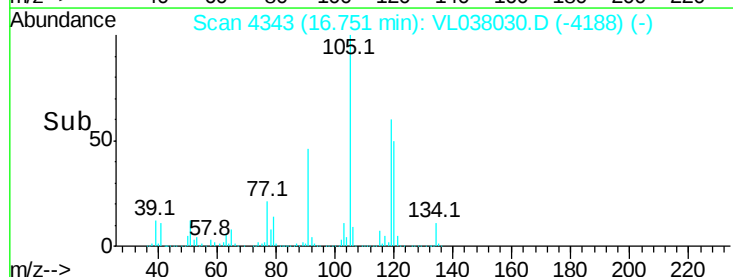
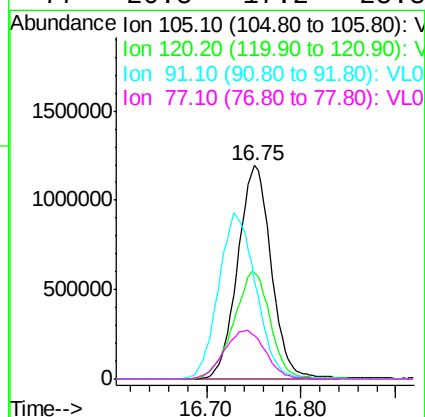
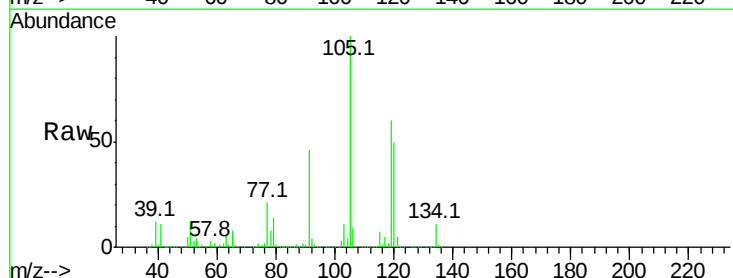
Ion Ratio Lower Upper

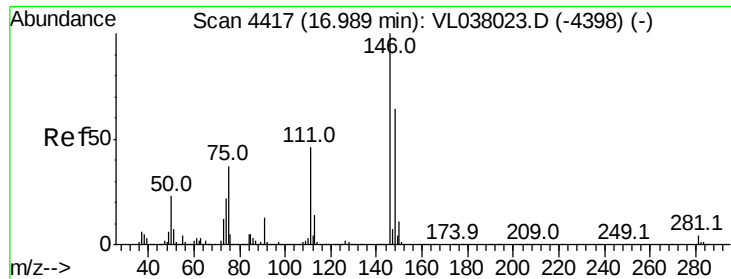
105 100

120 49.4 39.5 59.3

91 45.6 40.9 61.3

77 20.5 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 8.921 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 8:54

Tot Ion:1

Ion Ratio

146 100

111 47.

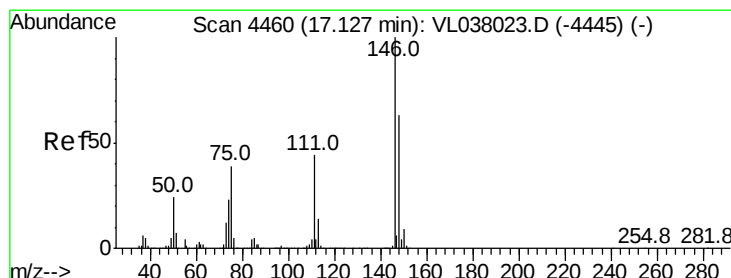
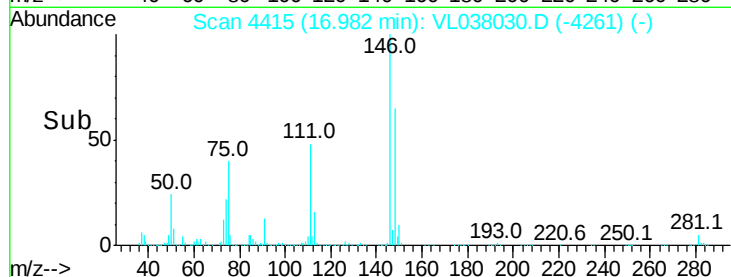
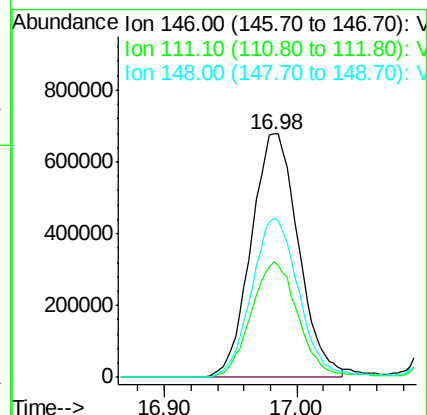
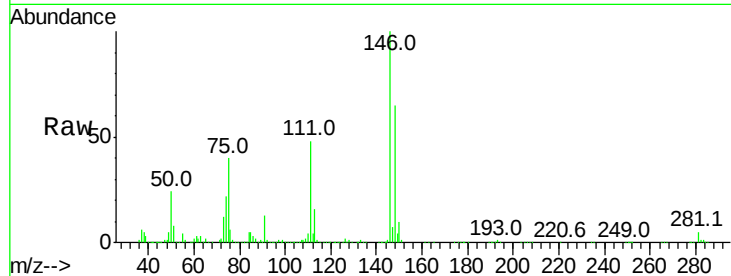
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 8.500 ppbv

RT: 17.12 min Scan# 4459

Delta R.T. -0.00 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

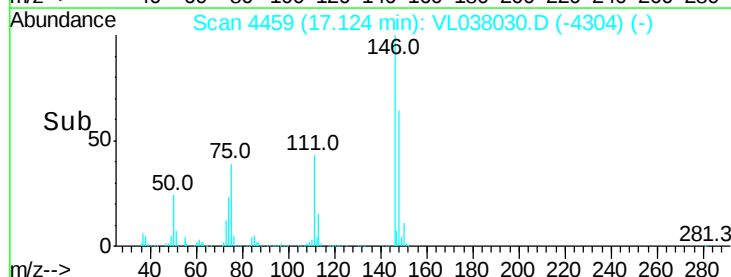
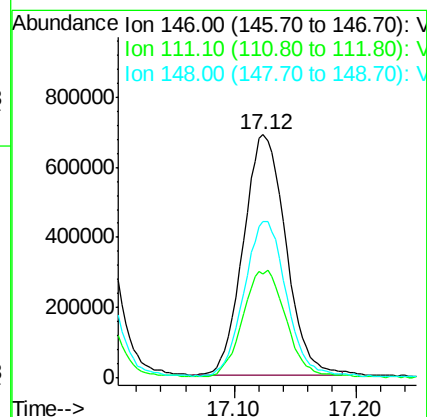
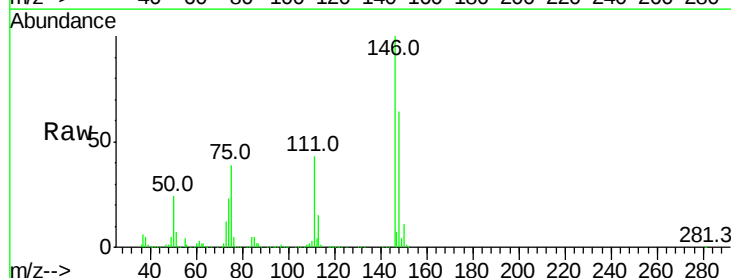
Tgt Ion:146 Resp: 1644378

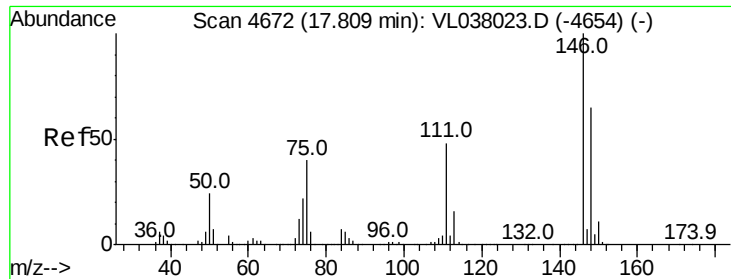
Ion Ratio Lower Upper

146 100

111 46.6 22.4 67.2

148 66.2 32.4 97.2





#77

1,2-Dichlorobenzene

Concen: 8.739 ppbv

RT: 17.81

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 16 Nov 2021 8:54

Tot Ion:1

Ion Rati

146 100

111 48.

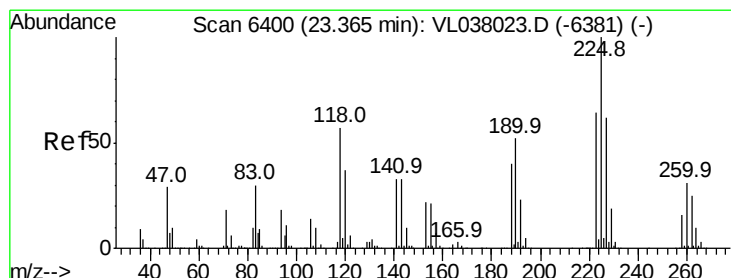
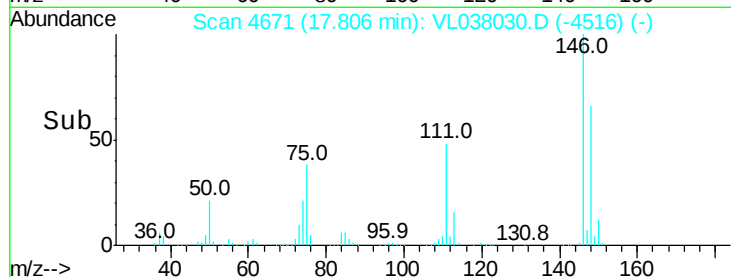
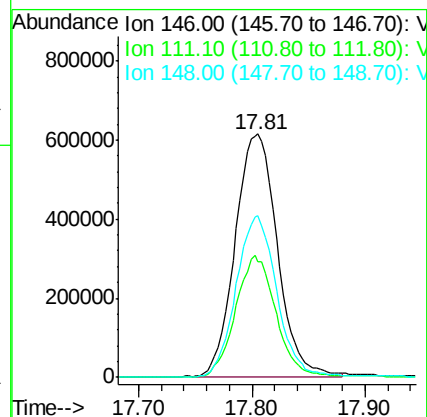
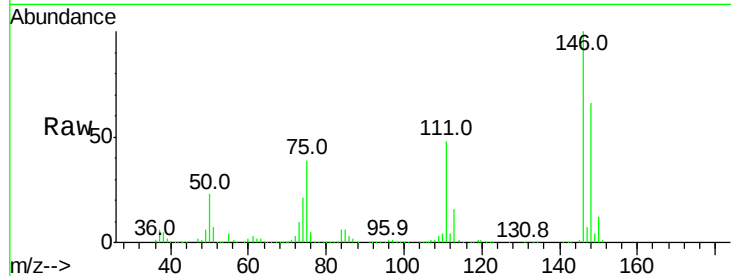
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#78

Hexachloro-1,3-Butadiene

Concen: 7.561 ppbv

RT: 23.36 min Scan# 6398

Delta R.T. -0.01 min

Lab File: VL038030.D

Acq: 16 Nov 2021 6:54

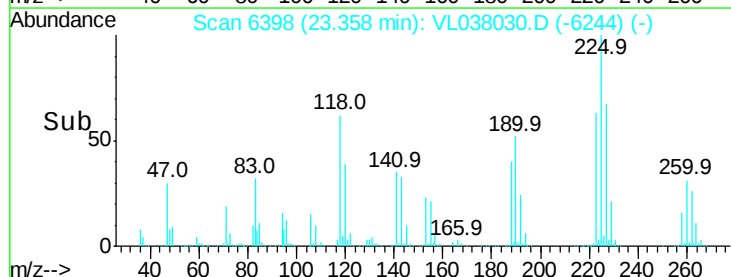
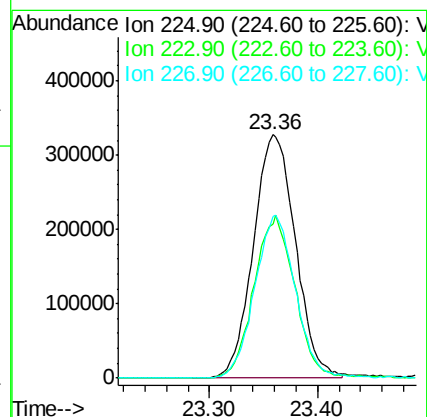
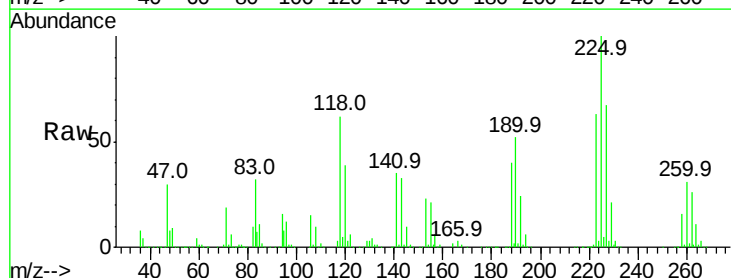
Tgt Ion:225 Resp: 888051

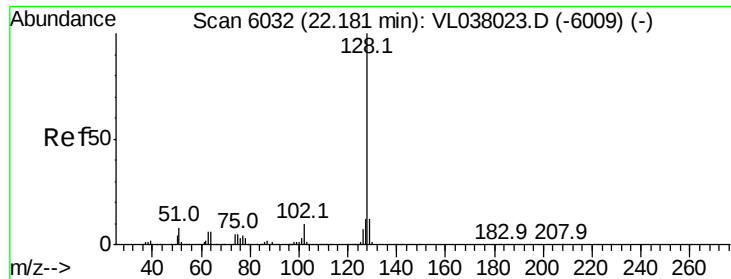
Ion Ratio Lower Upper

225 100

223 65.5 51.0 76.4

227 64.9 51.4 77.2



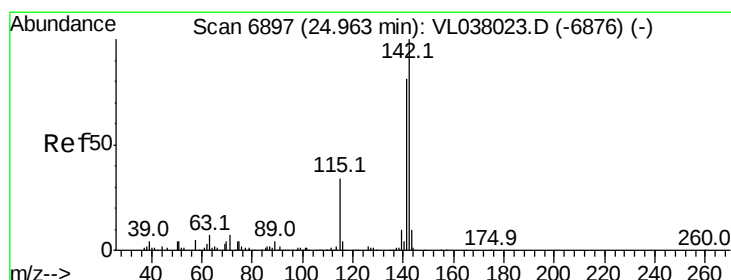
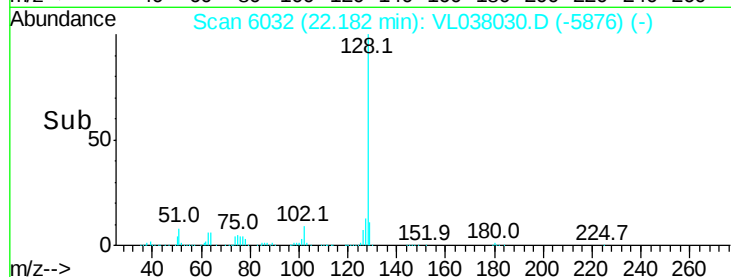
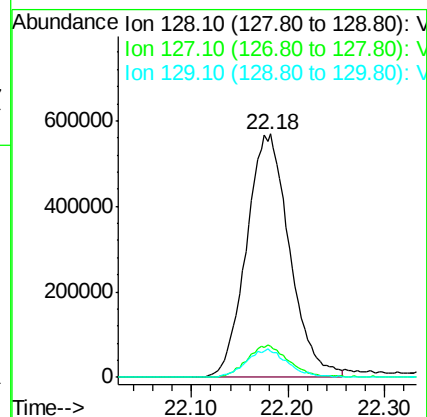
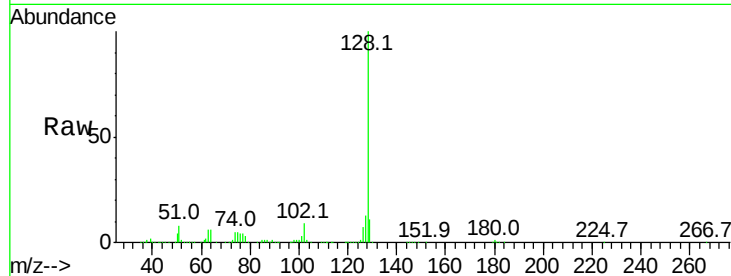


#79
Naphthalene
Concen: 9.406 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 16 Nov 2021 8:54

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

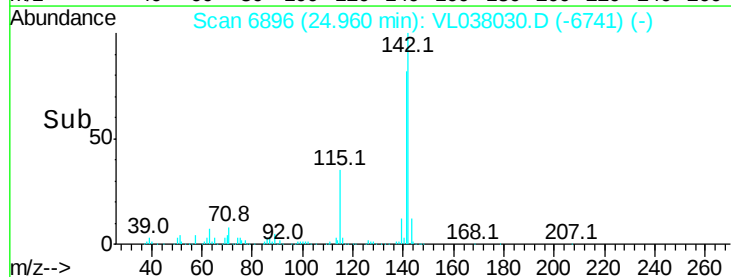
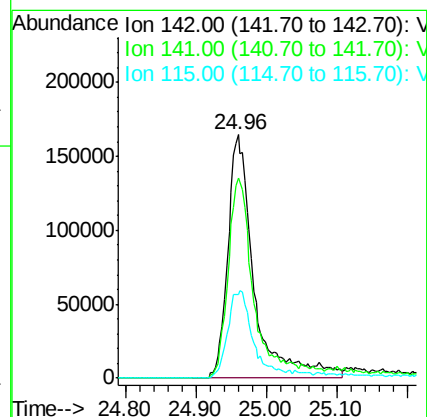
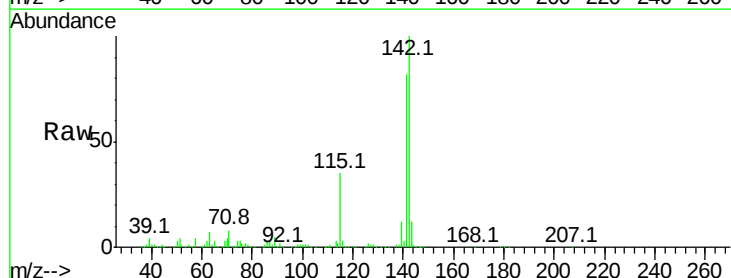
Manual Integrations
APPROVED

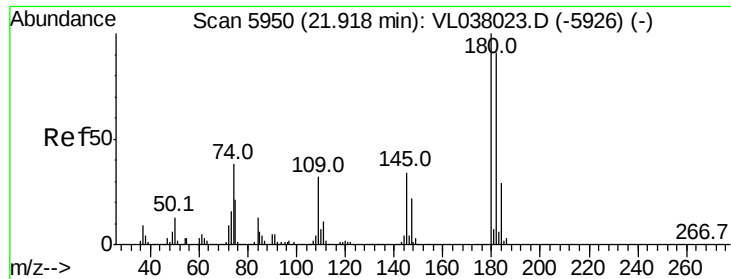
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
Naphthalene, 2-methyl-
Concen: 12.158 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL038030.D
Acq: 16 Nov 2021 6:54

Tgt Ion:142 Resp: 430878
Ion Ratio Lower Upper
142 100
141 86.4 76.2 114.4
115 38.5 29.2 43.8





#81
 1,2,4-Trichlorobenzene
 Concen: 8.909 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 ICVVL111621
 Acq: 16 Nov 2021 8:34

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 30.

Manual Integrations
 APPROVED

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

