

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111021\
 Data File : VL038007.D
 Acq On : 10 Nov 2021 12:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Nov 11 04:35:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1502374	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4433864	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4121042m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2909958	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1835206	8.670 ppbv	95
3) Chlorodifluoromethane	2.99	51	2546874	9.106 ppbv	100
4) Chloromethane	3.14	50	940843	8.851 ppbv	98
5) Vinyl Chloride	3.25	62	916529	8.947 ppbv	100
6) Bromomethane	3.47	94	492753	8.904 ppbv	100
7) Chloroethane	3.56	64	321395	8.691 ppbv	94
8) Dichlorotetrafluoroethane	3.19	85	2073689	8.505 ppbv	99
9) Propene	3.00	41	973599	9.709 ppbv	94
10) Heptane	8.11	43	2309114	9.898 ppbv	100
11) Trichlorofluoromethane	3.95	101	1830765	8.686 ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1448933	8.818 ppbv	99
13) Ethanol	3.61	45	85788m	8.480 ppbv	
14) Bromoethene	3.74	108	627967	8.737 ppbv	99
15) Acetone	3.84	43	1055720	8.504 ppbv	99
16) 1,3-Butadiene	3.32	39	869839	8.892 ppbv	96
17) tert-Butyl alcohol	4.28	59	1374176	10.646 ppbv	100
18) 1,1-Dichloroethene	4.29	96	658773	8.711 ppbv	94
19) Isopropyl Alcohol	3.96	45	779016	9.813 ppbv #	91
20) Methylene Chloride	4.34	84	566094	8.306 ppbv	96
21) Allyl Chloride	4.41	41	1139138	9.945 ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	709347	9.440 ppbv	92
23) Vinyl Acetate	5.07	43	1806121	9.662 ppbv	98
24) 1,1-Dichloroethane	5.01	63	1357574	8.791 ppbv	100
25) Ethyl Acetate	5.67	43	3617038	9.809 ppbv	99
26) Hexane	5.68	57	1650674	9.448 ppbv	98
27) Carbon Disulfide	4.55	76	1723470	9.993 ppbv	97
28) Methyl tert-Butyl Ether	5.03	73	1465939	9.981 ppbv	100
29) Chloroform	5.74	83	2294865	8.808 ppbv	97
30) Cyclohexane	7.12	84	1412659	9.459 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	1563198	9.807 ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	2226085	8.693 ppbv	99
34) 2-Butanone	5.24	43	1170678	7.125 ppbv	97
35) Carbon Tetrachloride	7.01	117	2317031	8.644 ppbv	99
36) Benzene	6.88	78	3496498	9.683 ppbv	98
37) 1,2-Dichloroethane	6.30	62	1666481	9.708 ppbv	98
38) Trichloroethene	7.83	130	1339241	8.936 ppbv	95
39) 1,2-Dichloropropane	7.61	63	1330373	9.792 ppbv	98
40) 1,4-Dioxane	7.83	88	268849m	7.514 ppbv	
41) Tetrahydrofuran	6.04	42	822699	10.234 ppbv	98
42) Bromodichloromethane	7.79	83	2450800	9.443 ppbv	97
43) Methyl Methacrylate	8.01	69	1262720	10.654 ppbv	98

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

Quant Time: Nov 11 04:35:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110121A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5853377	9.531	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	1049334	12.050	ppbv	97
46) cis-1,3-Dichloropropene	8.70	75	1359050	11.351	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	1363497	8.932	ppbv	98
48) Dibromochloromethane	10.30	129	2157230	9.981	ppbv	97
49) Bromoform	13.03	173	1621838	9.493	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	2198103	10.183	ppbv	99
51) 2-Hexanone	10.12	43	969635	10.658	ppbv #	98
52) Tetrachloroethene	11.21	164	1232630	8.999	ppbv	97
53) Toluene	9.80	91	3954452	10.216	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1901947	9.661	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	1422040	8.547	ppbv	97
57) Chlorobenzene	12.14	112	2772773	8.430	ppbv	99
58) Ethyl Benzene	12.70	91	4844592	9.613	ppbv	98
59) m/p-Xylene	12.99	91	8057000m	17.987	ppbv	
60) o-Xylene	13.68	91	3782906	8.957	ppbv	99
61) Styrene	13.52	104	2041330	10.525	ppbv	98
62) Isopropylbenzene	14.66	105	4995923	8.354	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2564151	7.054	ppbv	98
64) n-propylbenzene	15.55	120	1300364	8.487	ppbv	87
65) tert-Butylbenzene	16.73	119	4331952	8.197	ppbv	100
66) Benzyl Chloride	16.97	91	265672	9.621	ppbv #	95
67) sec-Butylbenzene	17.28	105	5967257	8.195	ppbv	99
69) p-Isopropyltoluene	17.64	119	4948884	8.474	ppbv	100
70) n-Butylbenzene	18.54	91	4818454	8.978	ppbv	99
71) 2-Chlorotoluene	15.44	91	3560143	8.497	ppbv	98
72) 4-Ethyltoluene	15.83	105	4369935	9.032	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	3734342	8.242	ppbv	100
74) 1,2,4-Trimethylbenzene	16.75	105	3946491	8.314	ppbv #	93
75) 1,3-Dichlorobenzene	16.99	146	2315153	7.834	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2292894	8.018	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	2195092	7.910	ppbv	100
78) Hexachloro-1,3-Butadiene	23.36	225	1851037	7.793	ppbv	99
79) Naphthalene	22.18	128	3264661	11.937	ppbv	99
80) Naphthalene, 2-methyl-	24.96	142	787401	14.790	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	1863173	10.467	ppbv	99

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

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

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Quant Time: Nov 11 04:35:20 2021

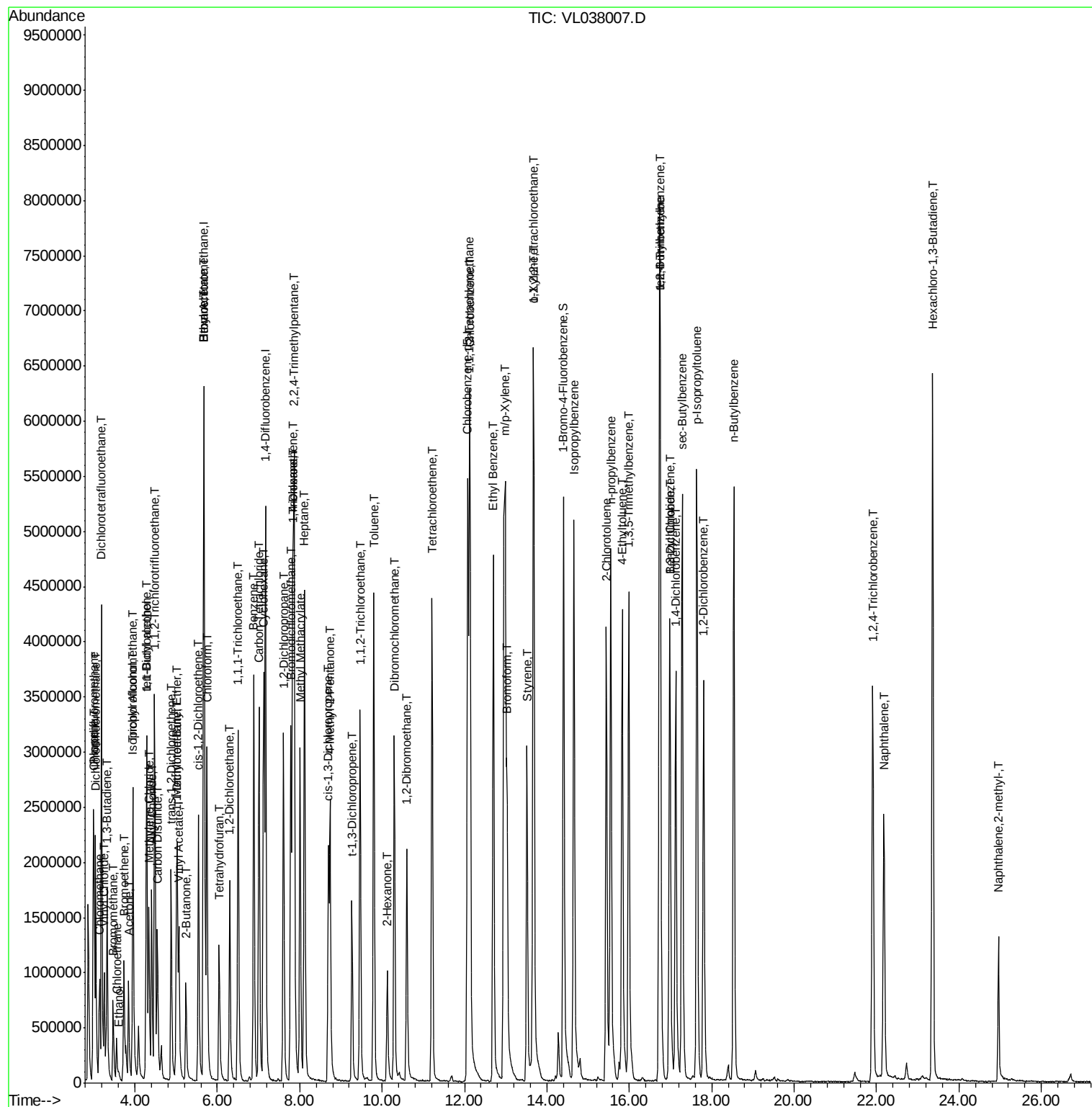
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL11021

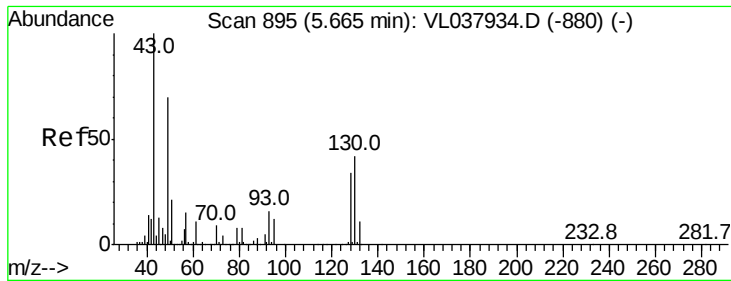
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

49 100

128 53.

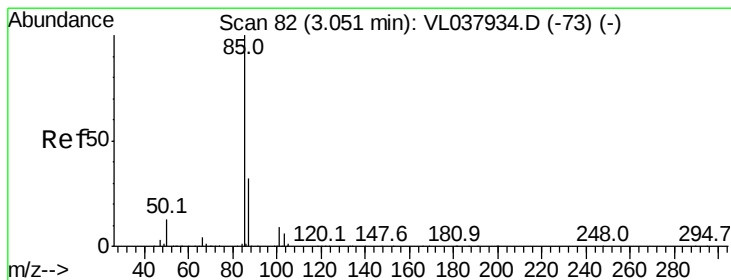
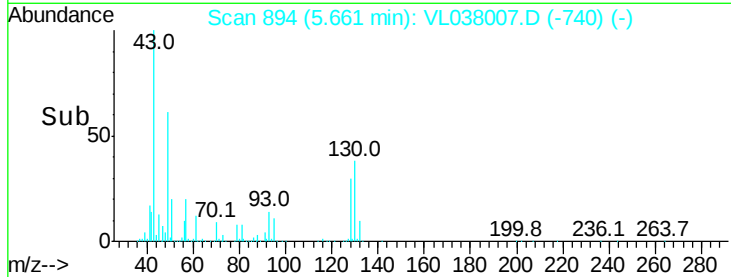
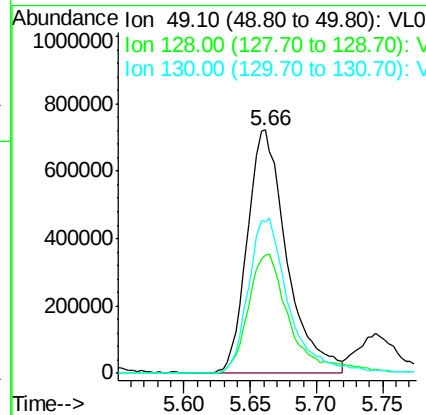
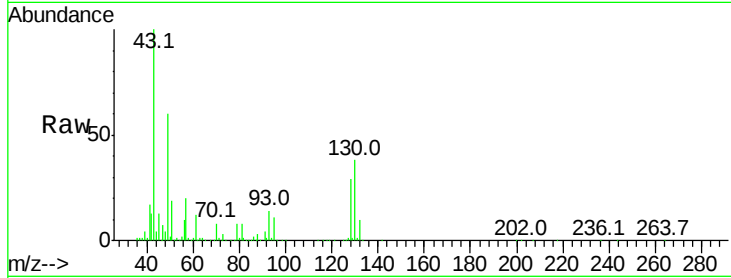
130 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 8.670 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038007.D

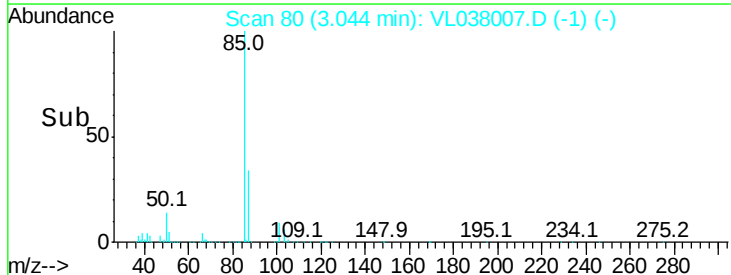
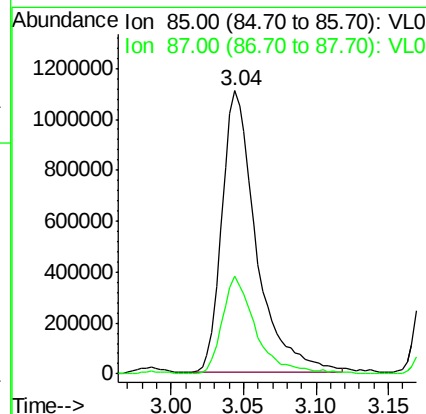
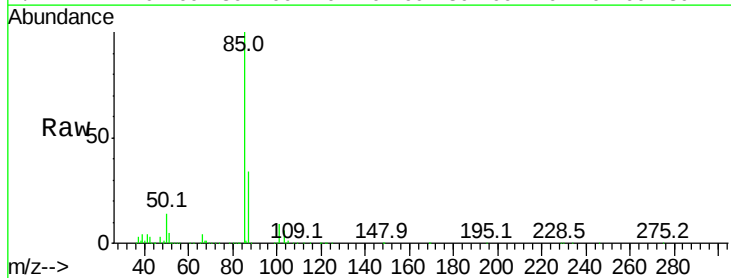
Acq: 10 Nov 2021 12:07

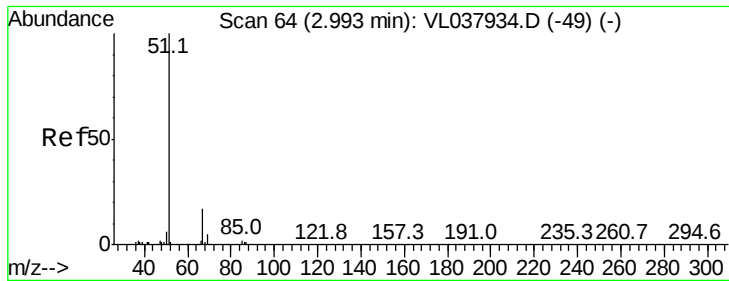
Tgt Ion: 85 Resp: 1835206

Ion Ratio Lower Upper

85 100

87 34.3 25.3 37.9



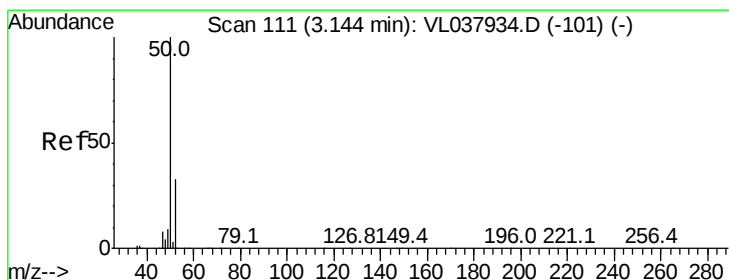
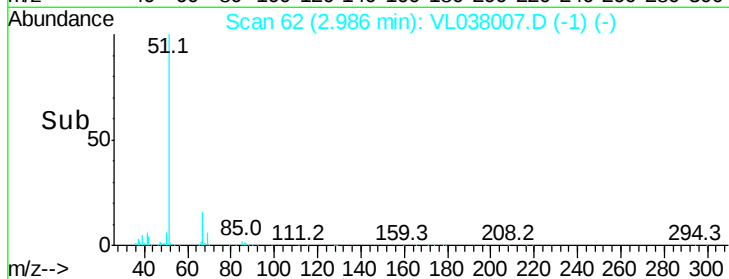
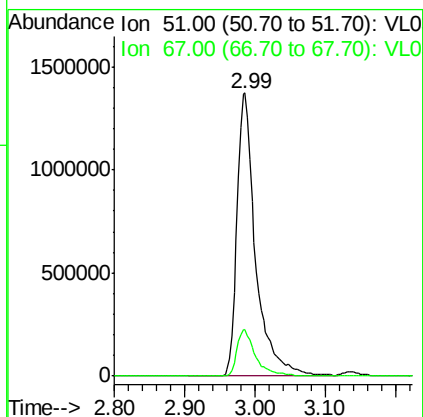
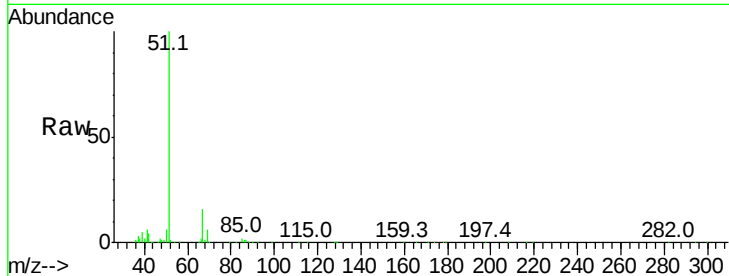


#3
Chlorodifluoromethane
Concen: 9.106 ppbv
RT: 2.99
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
51 100
67 16.

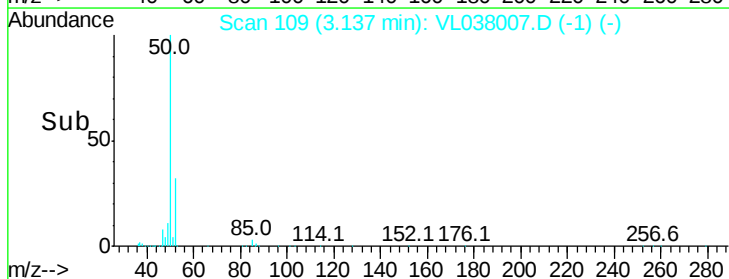
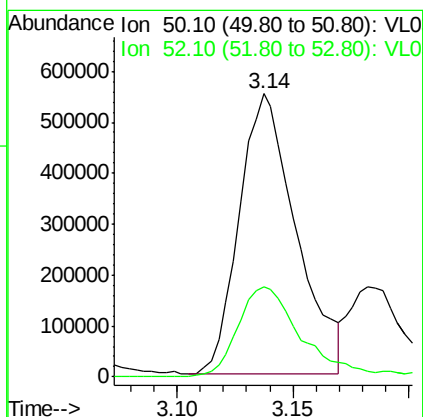
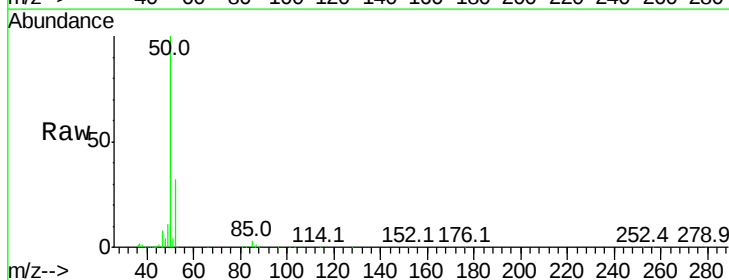
Manual Integrations
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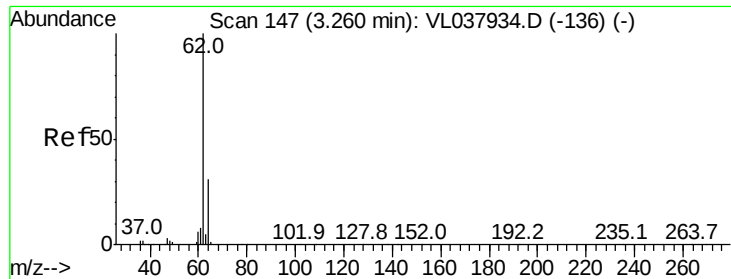
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#4
Chloromethane
Concen: 8.851 ppbv
RT: 3.14 min Scan# 109
Delta R.T. -0.01 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion: 50 Resp: 940843
Ion Ratio Lower Upper
50 100
52 31.9 26.3 39.5





#5

Vinyl Chloride

Concen: 8.947 ppbv

RT: 3.25 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

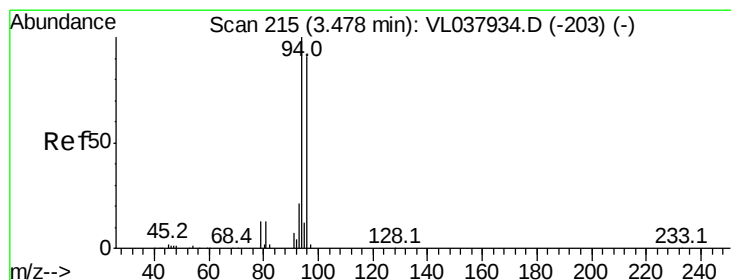
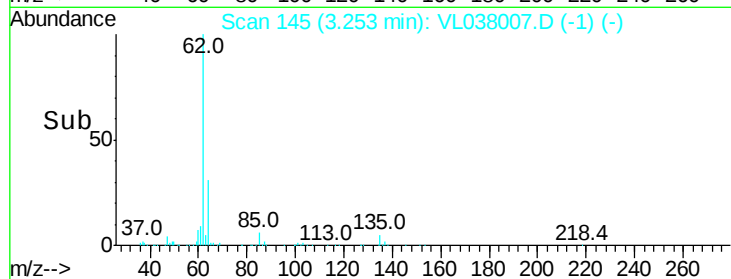
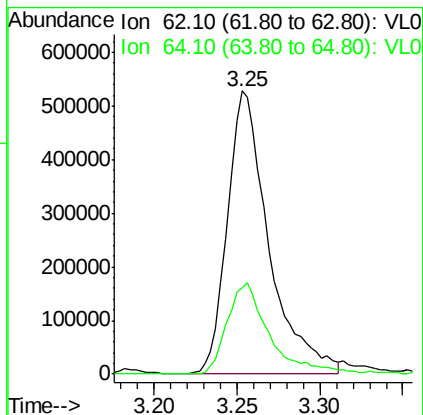
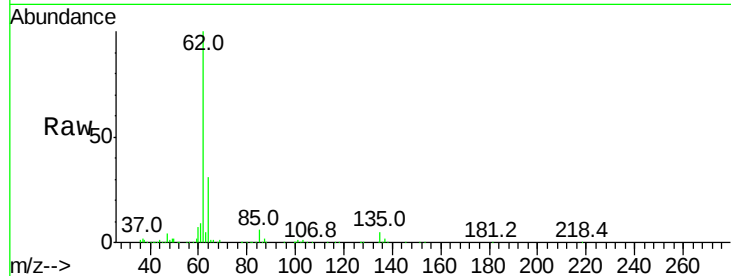
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 8.904 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038007.D

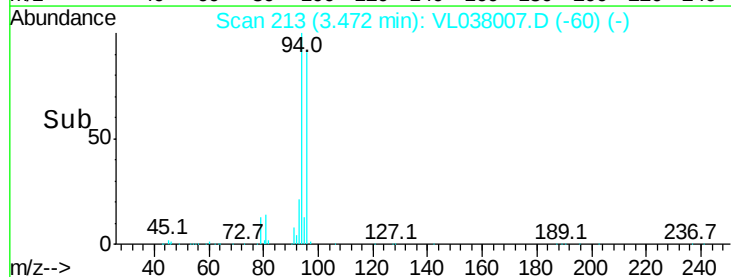
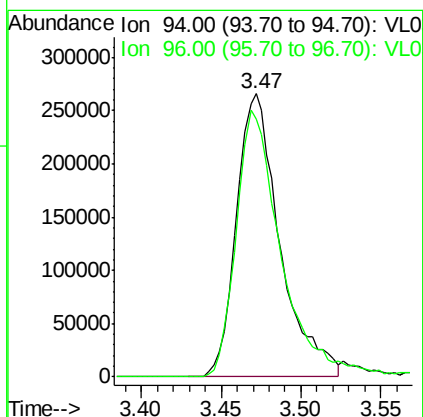
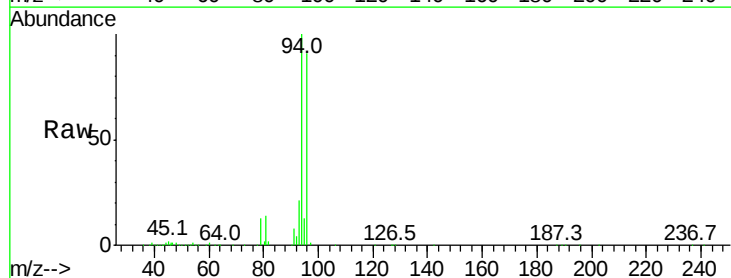
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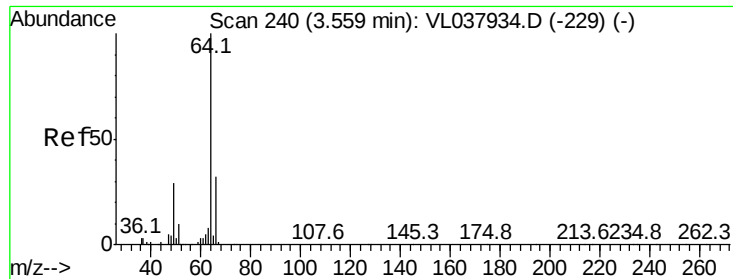
Tgt Ion: 94 Resp: 492753

Ion Ratio Lower Upper

94 100

96 91.2 73.0 109.4





#7

Chloroethane

Concen: 8.691 ppbv

RT: 3.56 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

64 100

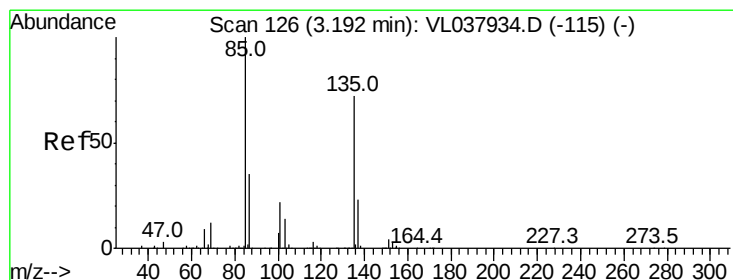
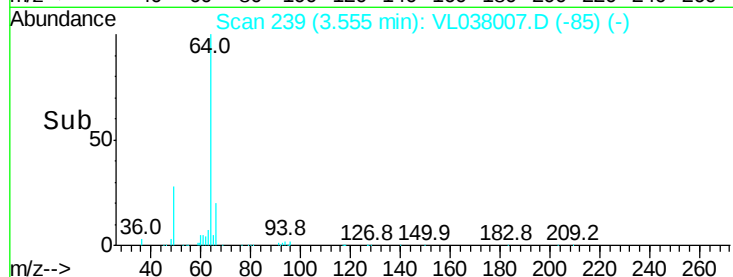
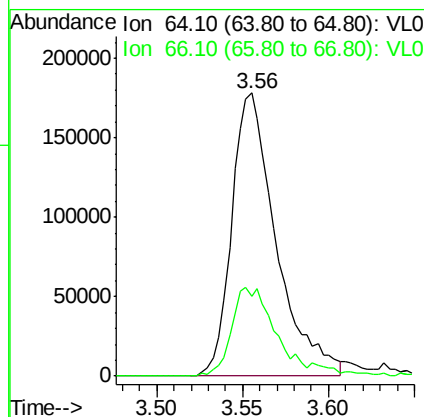
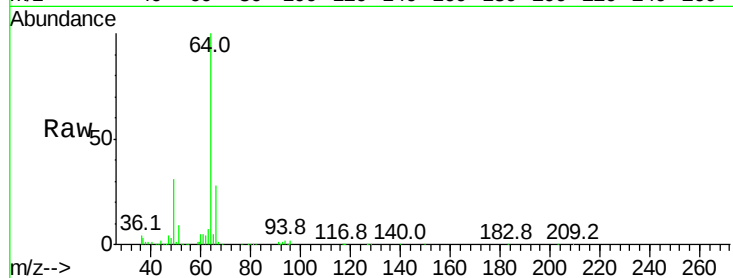
66 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 8.505 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL038007.D

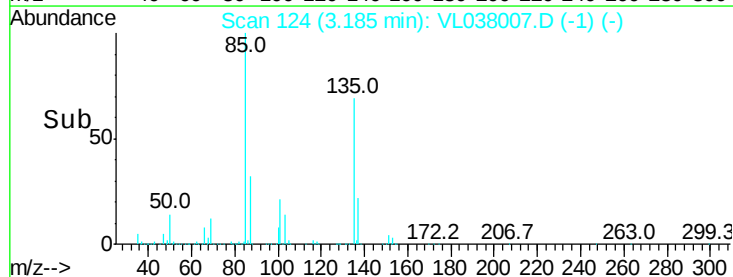
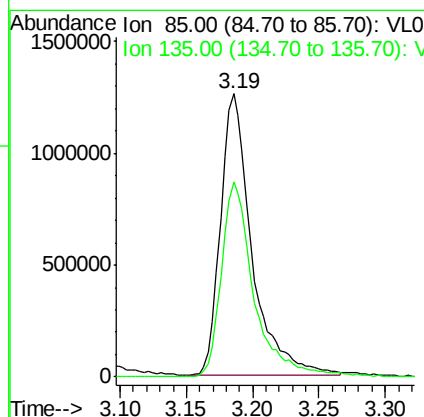
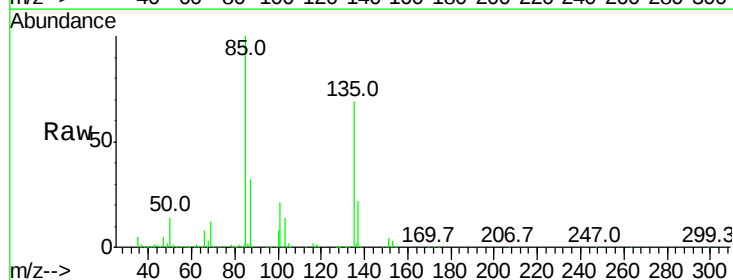
Acq: 10 Nov 2021 12:07

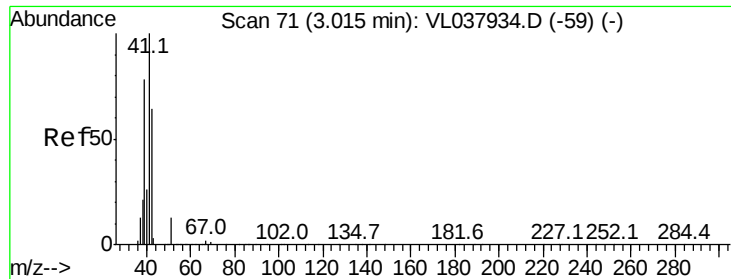
Tgt Ion: 85 Resp: 2073689

Ion Ratio Lower Upper

85 100

135 72.6 58.8 88.2





#9

Propene

Concen: 9.709 ppbv

RT: 3.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

41 100

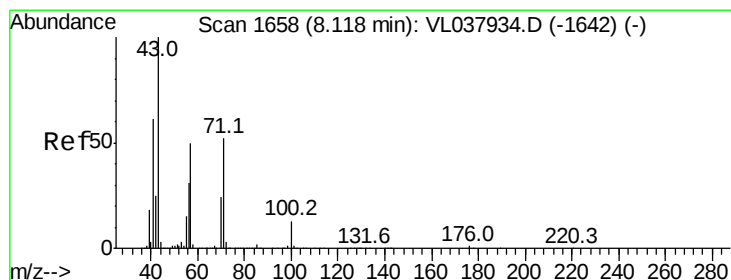
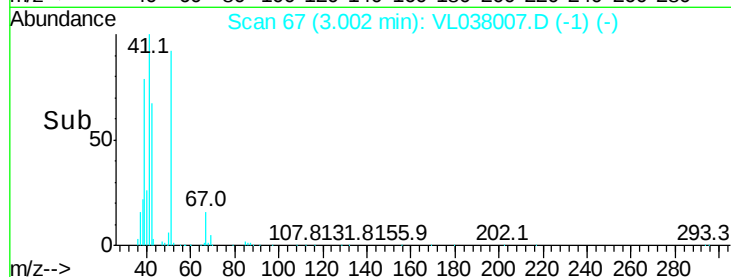
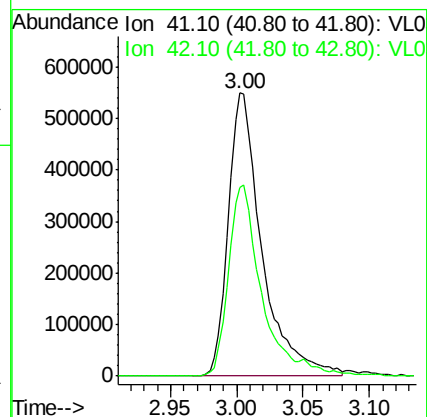
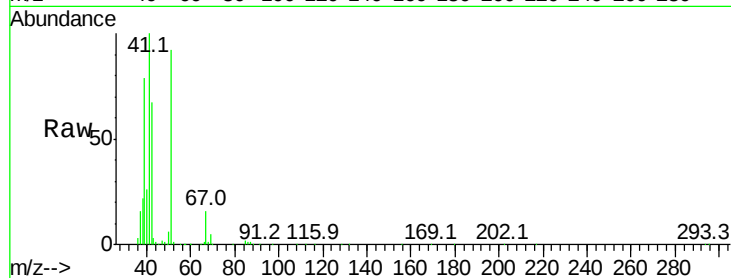
42 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#10

Heptane

Concen: 9.898 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VL038007.D

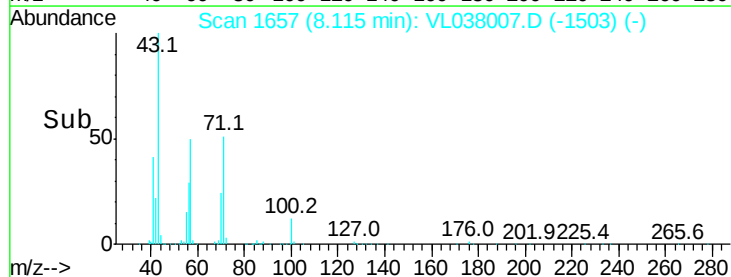
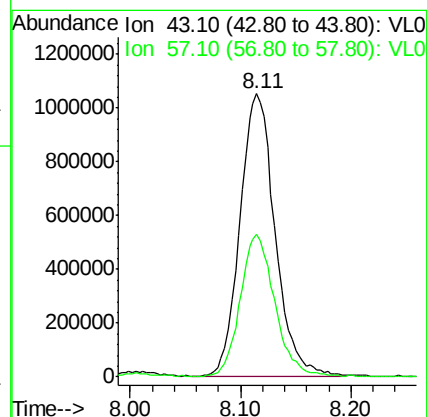
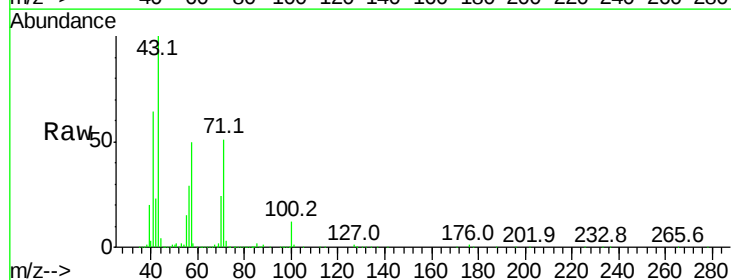
Acq: 10 Nov 2021 12:07

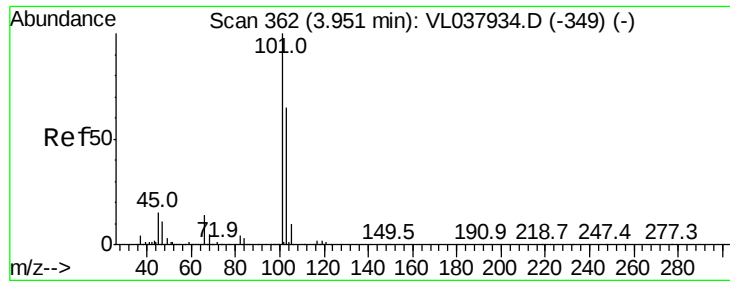
Tgt Ion: 43 Resp: 2309114

Ion Ratio Lower Upper

43 100

57 50.0 39.8 59.8





#11

Trichlorofluoromethane

Concen: 8.686 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07 VSTDCCC010

Tot Ion:1

Ion Ratio

101 100

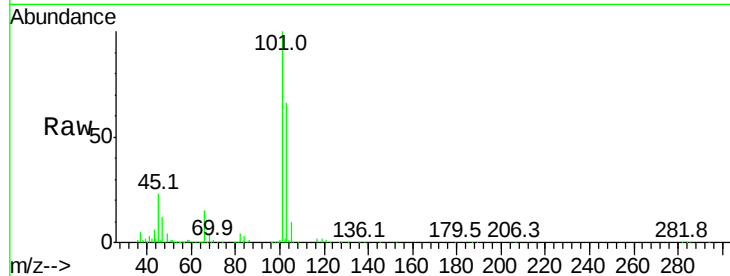
103 66.

Manual Integrations

APPROVED

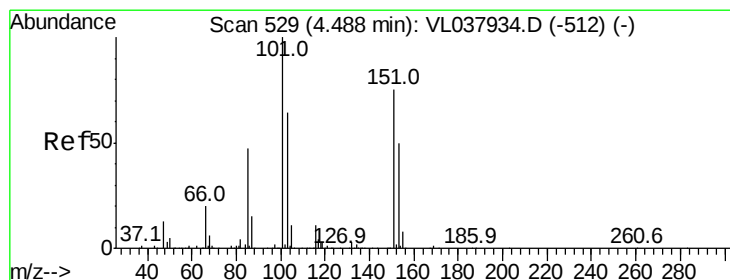
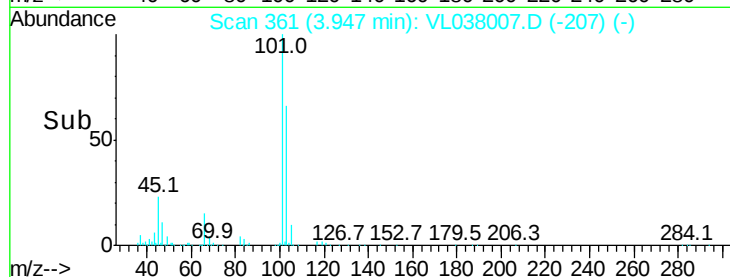
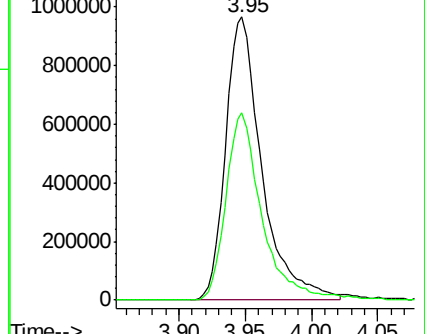
Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.818 ppbv

RT: 4.48 min Scan# 527

Delta R.T. -0.01 min

Lab File: VL038007.D

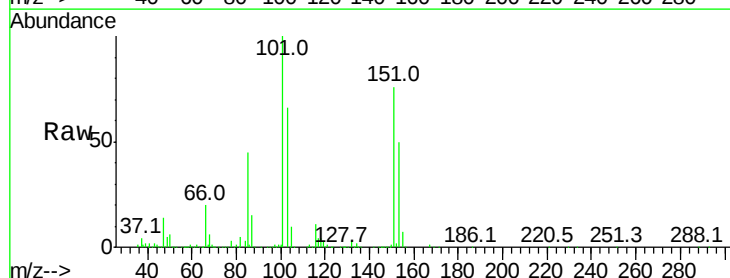
Acq: 10 Nov 2021 12:07

Tgt Ion:101 Resp: 1448933

Ion Ratio Lower Upper

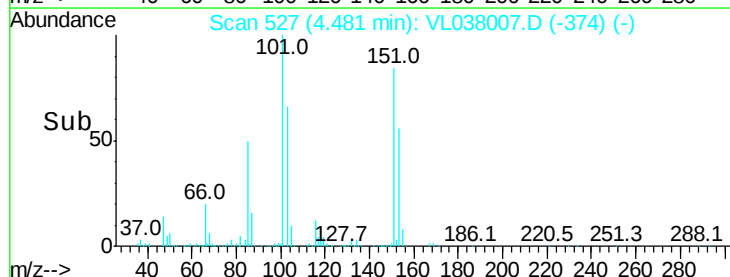
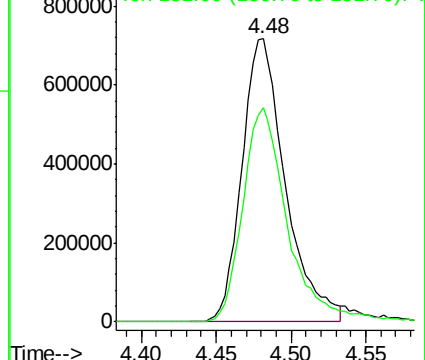
101 100

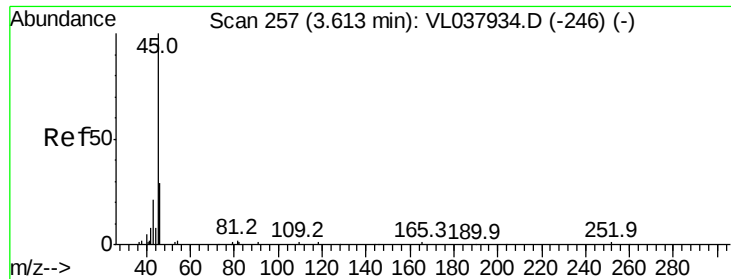
151 78.4 61.8 92.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



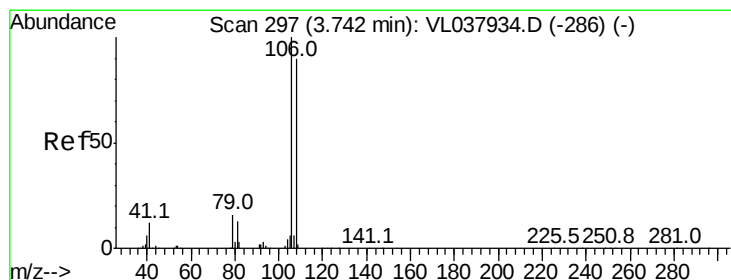
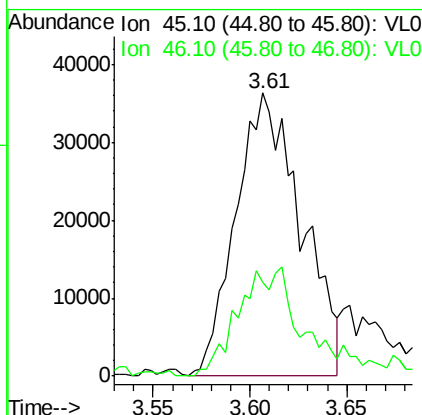
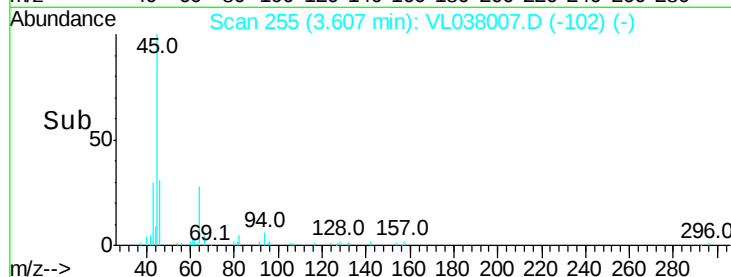
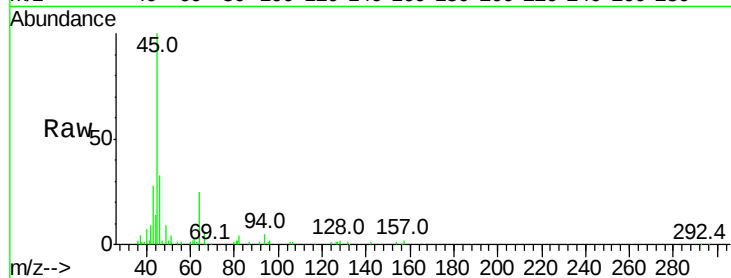


#13
Ethanol
Concen: 8.480 ppbv m
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
45 100
46 42.

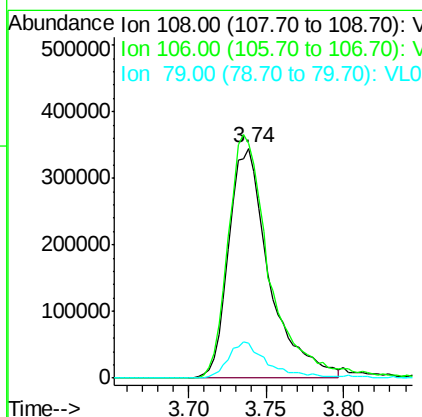
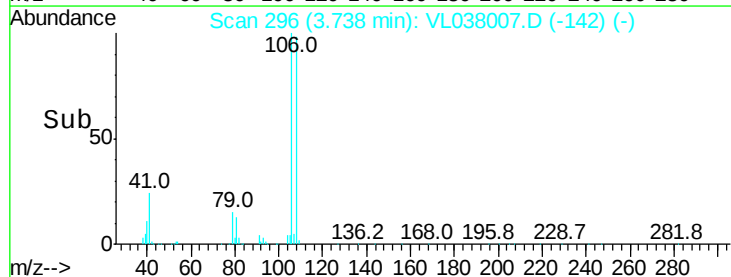
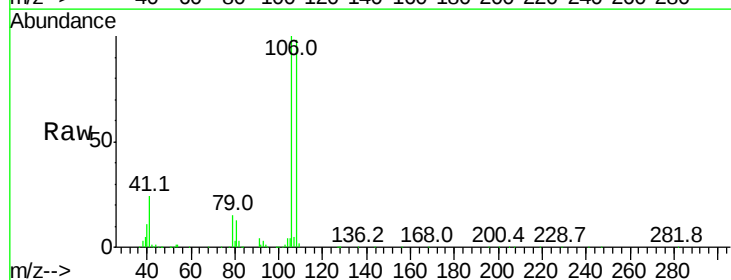
Manual Integrations
APPROVED

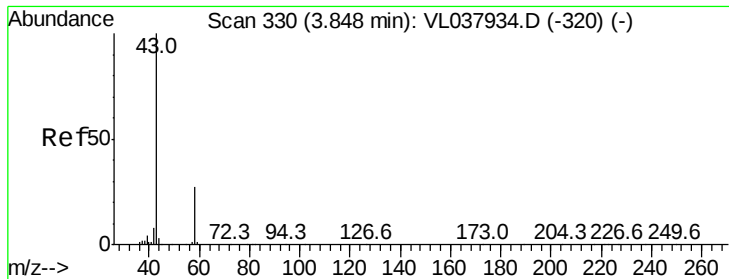
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 8.737 ppbv
RT: 3.74 min Scan# 296
Delta R.T. -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion:108 Resp: 627967
Ion Ratio Lower Upper
108 100
106 110.1 88.4 132.6
79 16.2 12.4 18.6





#15

Acetone

Concen: 8.504 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

43 100

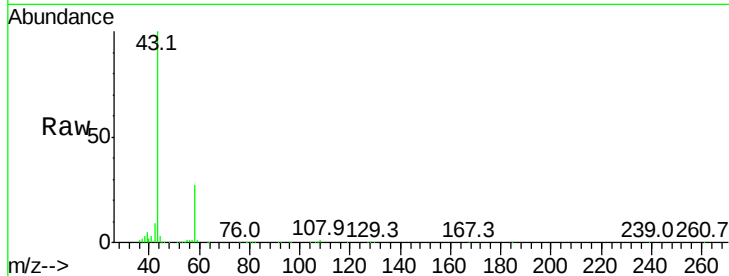
58 28.

Manual Integrations

APPROVED

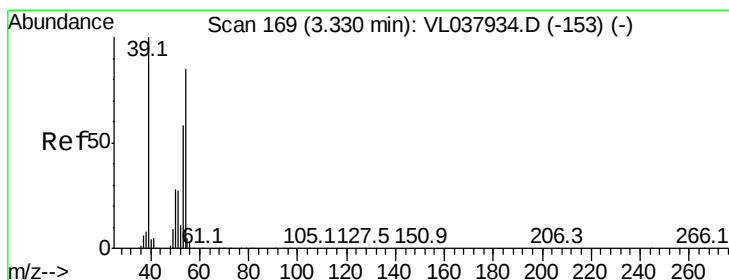
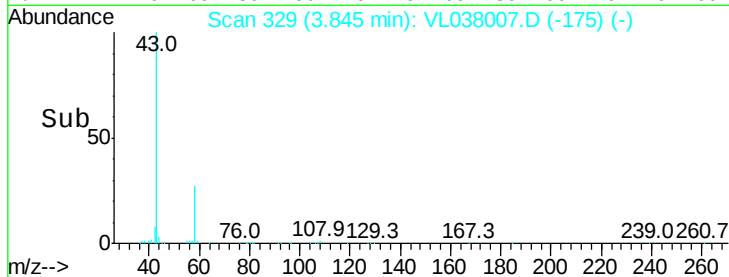
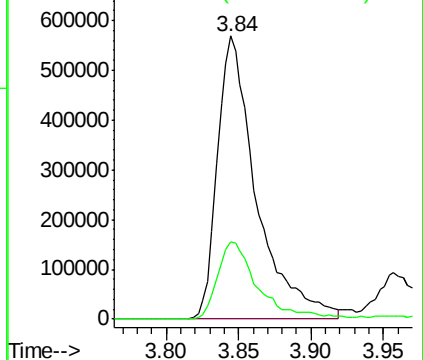
Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#16

1,3-Butadiene

Concen: 8.892 ppbv

RT: 3.32 min Scan# 167

Delta R.T. -0.01 min

Lab File: VL038007.D

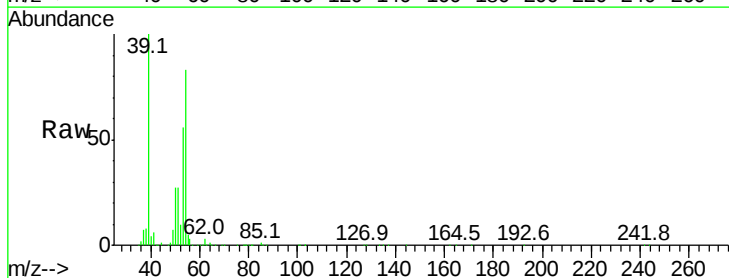
Acq: 10 Nov 2021 12:07

Tgt Ion: 39 Resp: 869839

Ion Ratio Lower Upper

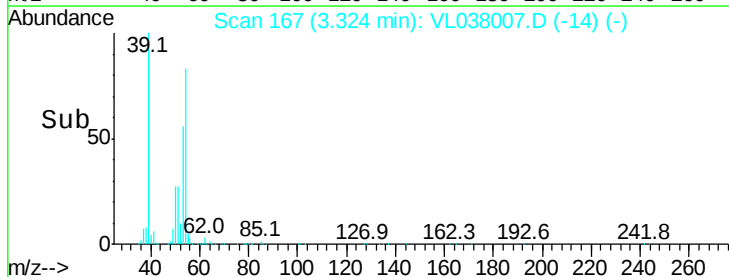
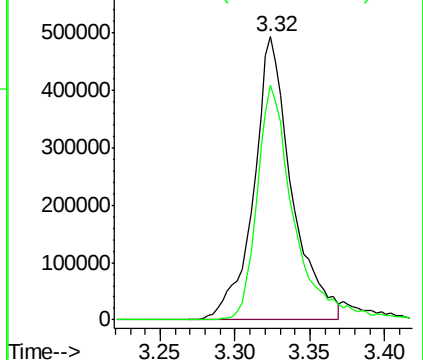
39 100

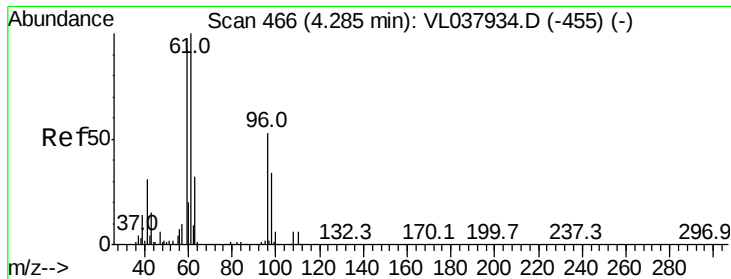
54 81.5 62.6 93.8



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 10.646 ppbv

RT: 4.28 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

59 100

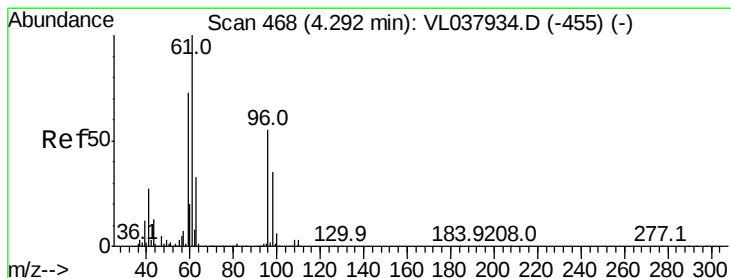
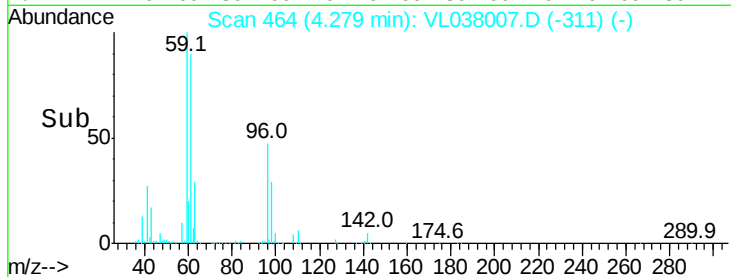
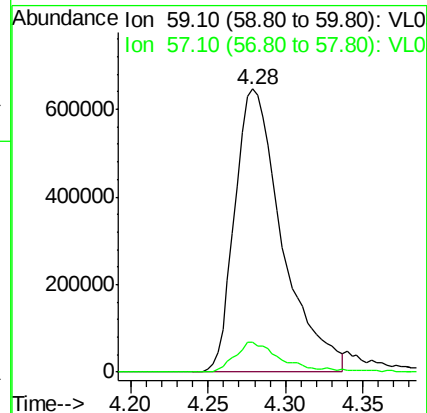
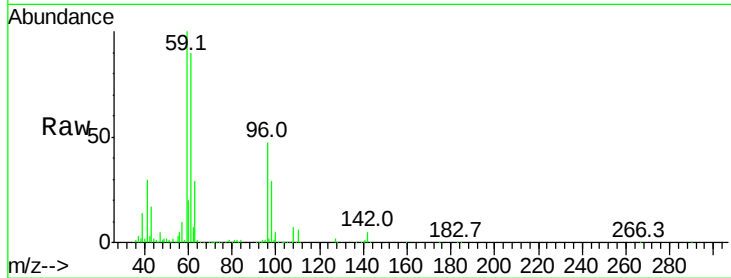
57 11.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#18

1,1-Dichloroethene

Concen: 8.711 ppbv

RT: 4.29 min Scan# 466

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

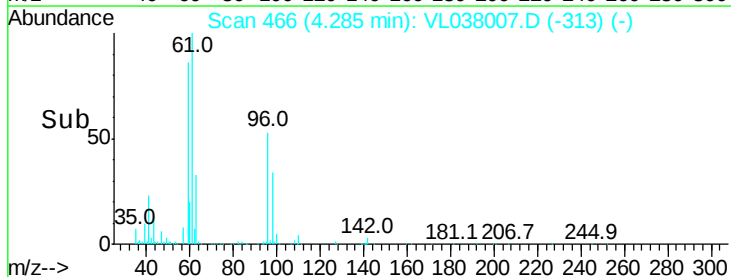
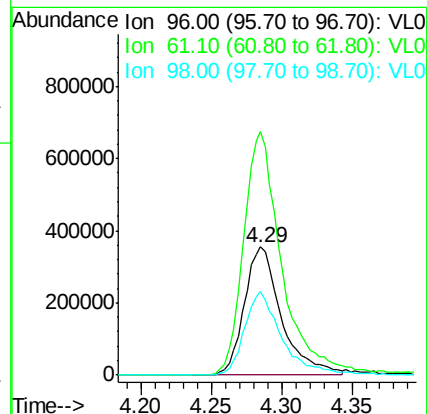
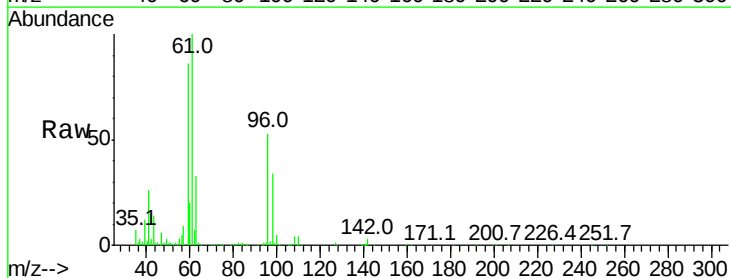
Tgt Ion: 96 Resp: 658773

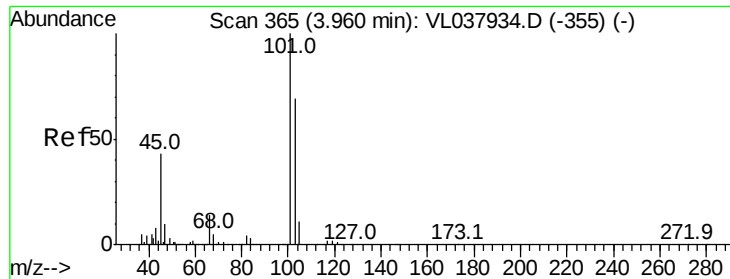
Ion Ratio Lower Upper

96 100

61 190.0 144.3 216.5

98 65.4 50.5 75.7





#19

Isopropyl Alcohol

Concen: 9.813 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

45 100

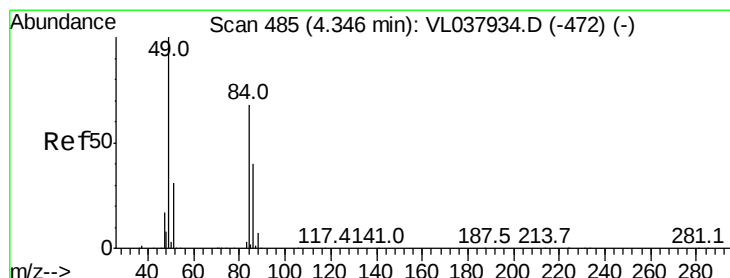
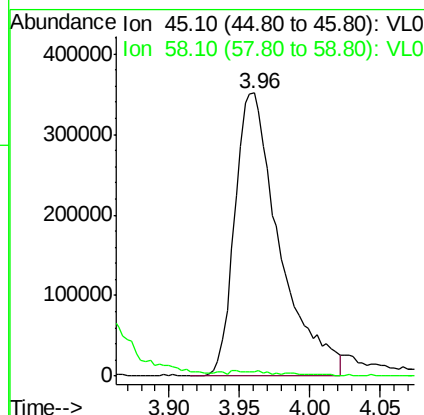
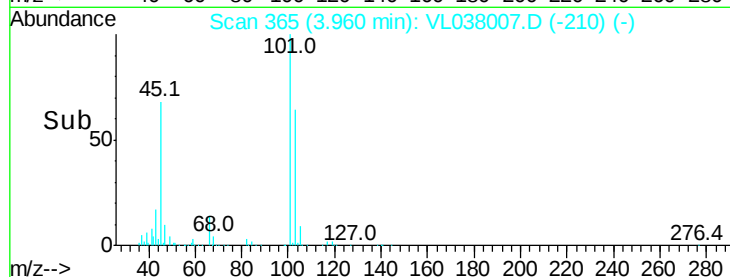
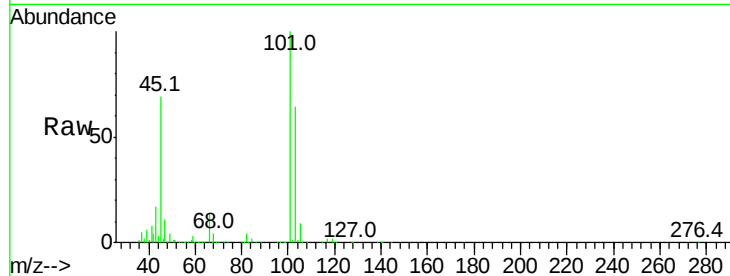
58 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 8.306 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion: 84 Resp: 566094

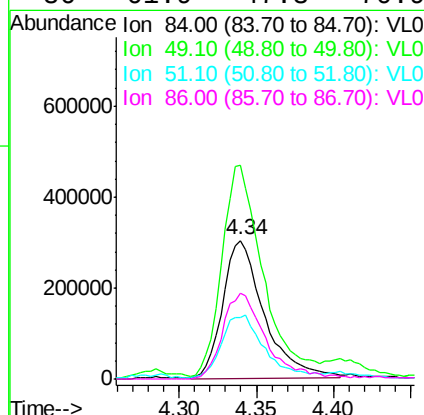
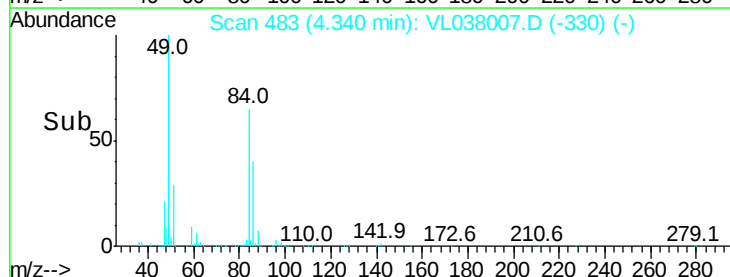
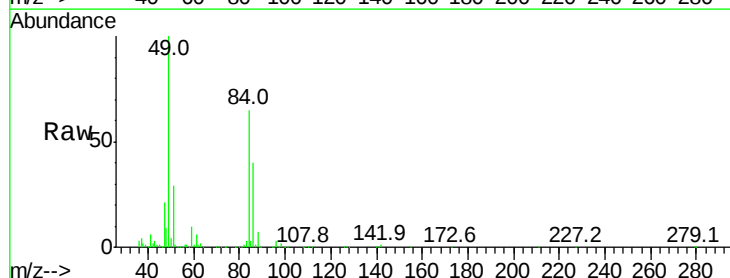
Ion Ratio Lower Upper

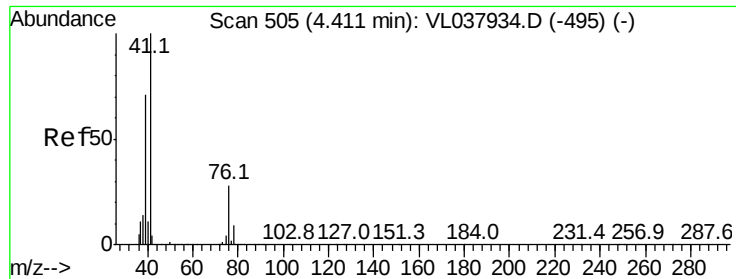
84 100

49 152.7 117.5 176.3

51 43.7 35.9 53.9

86 61.9 47.3 70.9





#21

Allvl Chloride

Concen: 9.945 ppbv

RT: 4.41 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07 VSTDCC010

Tot Ion:

Ion Ratio

41 100

76 28.

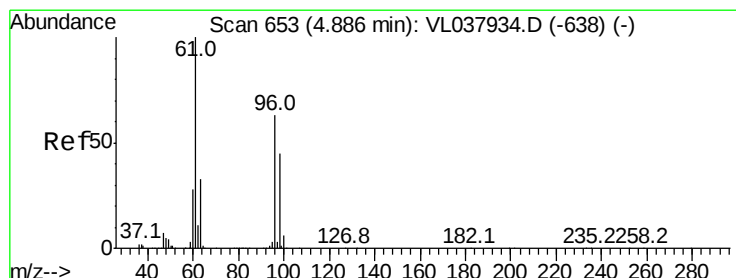
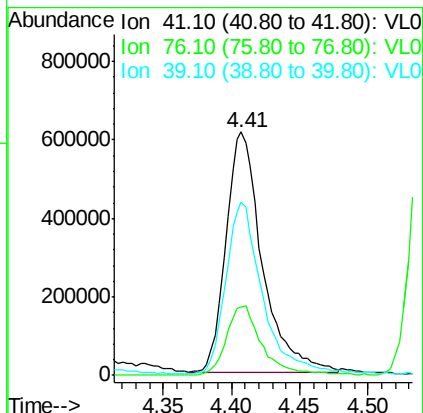
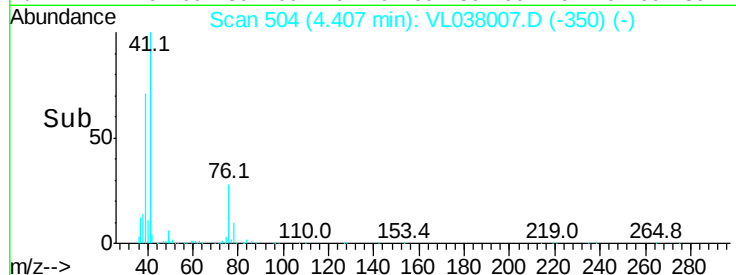
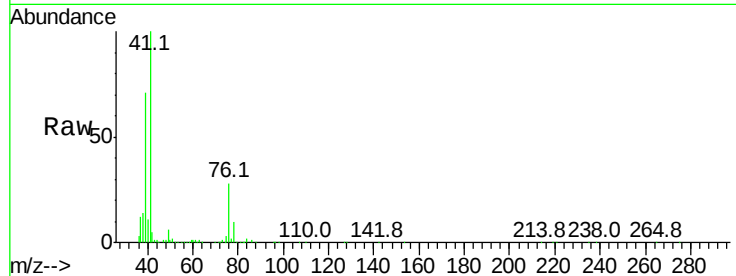
39 72.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#22

trans-1,2-Dichloroethene

Concen: 9.440 ppbv

RT: 4.88 min Scan# 651

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

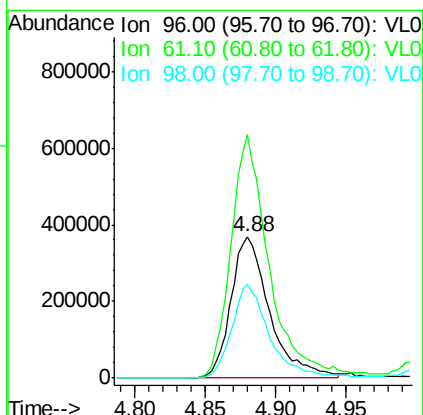
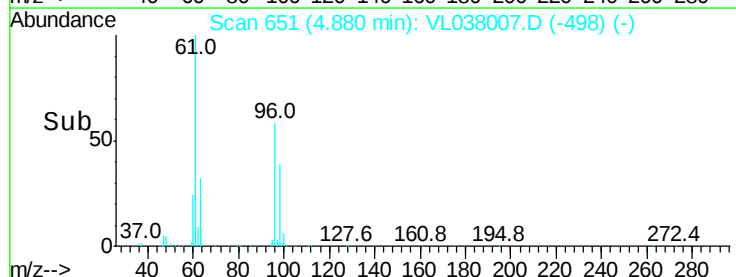
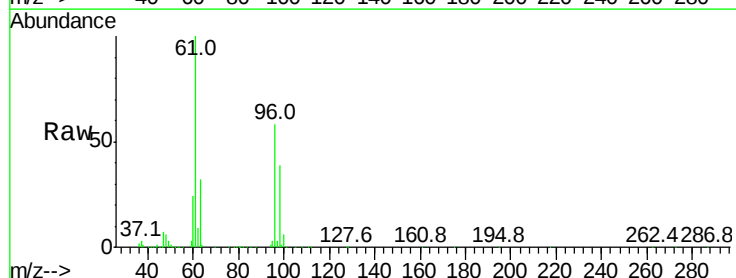
Tgt Ion: 96 Resp: 709347

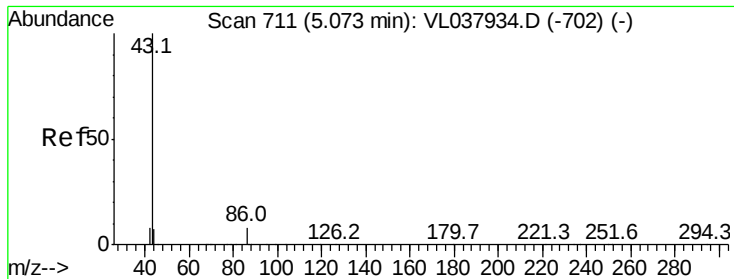
Ion Ratio Lower Upper

96 100

61 171.9 127.8 191.6

98 66.5 56.9 85.3





#23

Vinyl Acetate

Concen: 9.662 ppbv

RT: 5.07 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07 VSTDCCC010

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

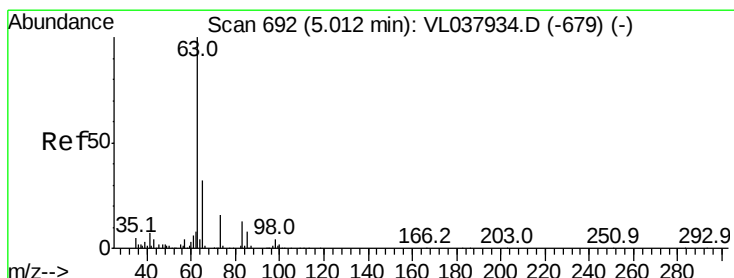
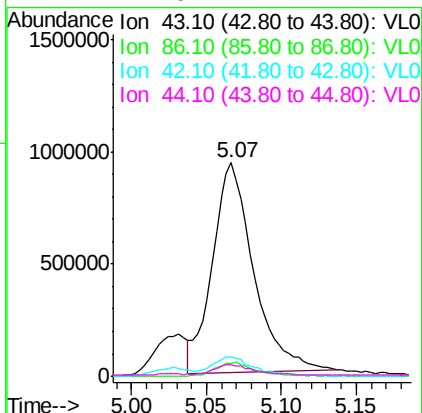
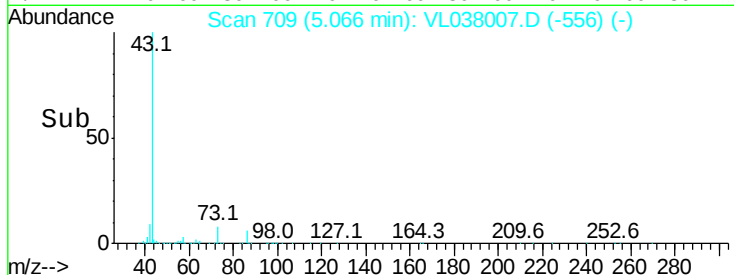
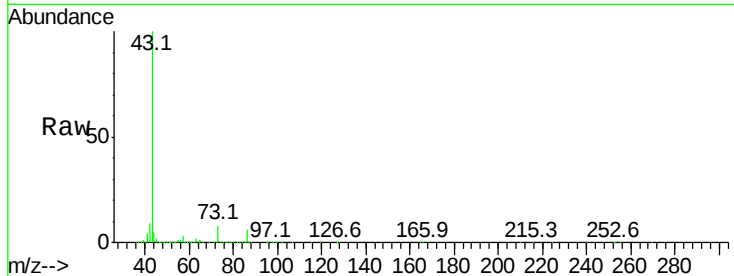
44 4.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 8.791 ppbv

RT: 5.01 min Scan# 690

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

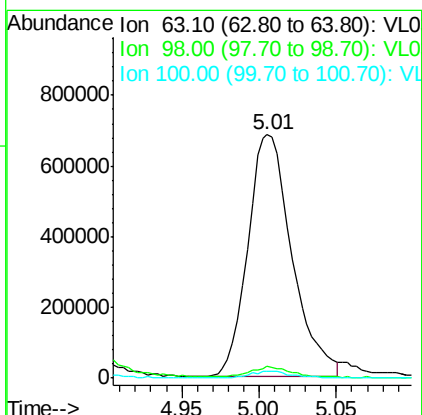
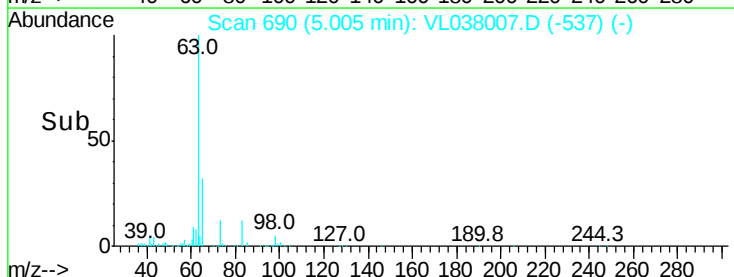
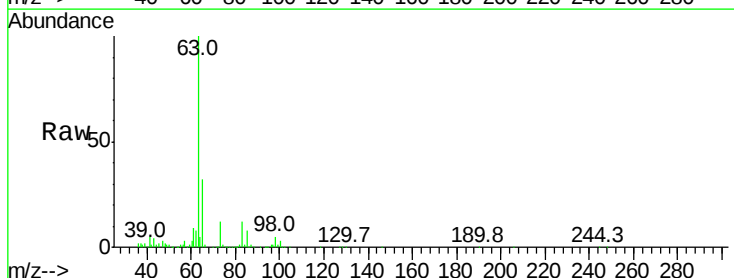
Tgt Ion: 63 Resp: 1357574

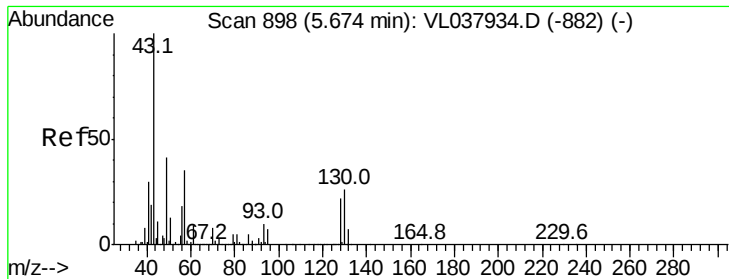
Ion Ratio Lower Upper

63 100

98 4.5 2.3 6.9

100 2.5 1.2 3.6





#25

Ethyl Acetate

Concen: 9.809 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

43 100

45 9.

61 9.

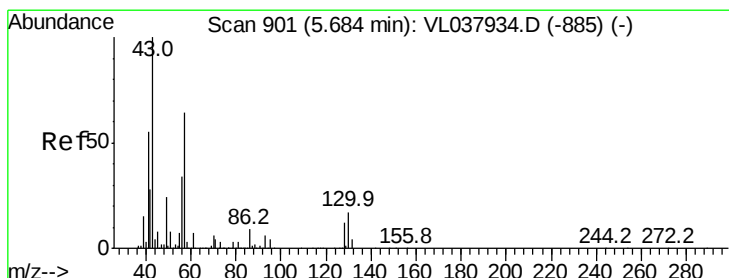
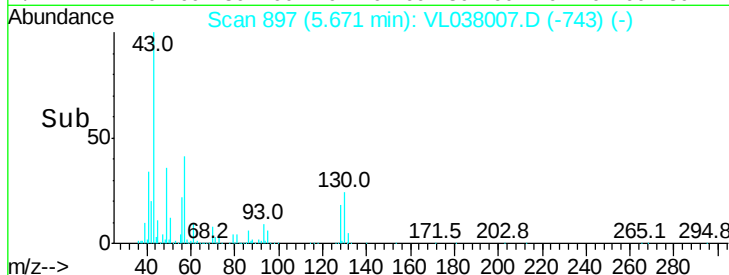
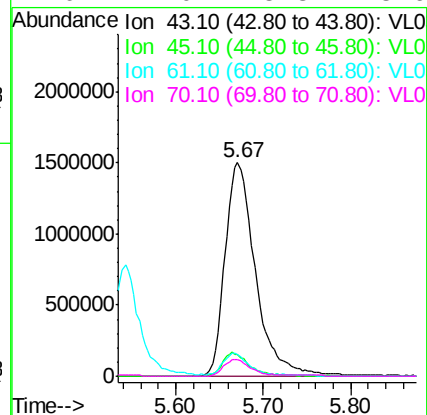
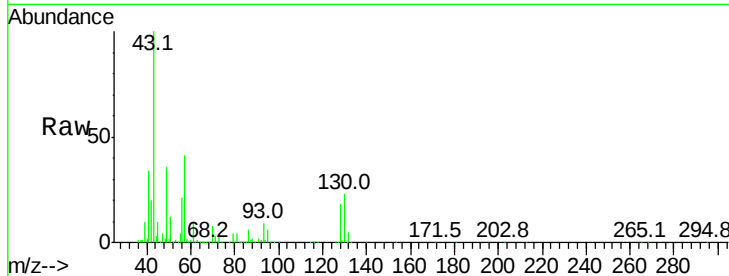
70 7.0 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

Hexane

Concen: 9.448 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion: 57 Resp: 1650674

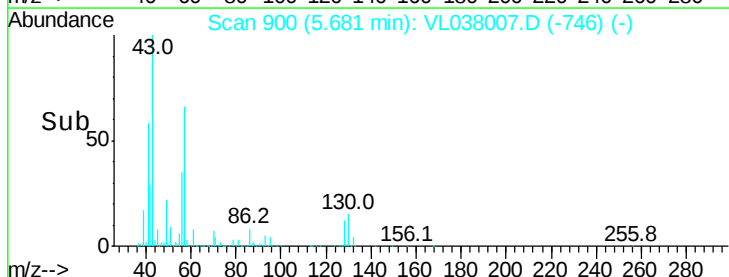
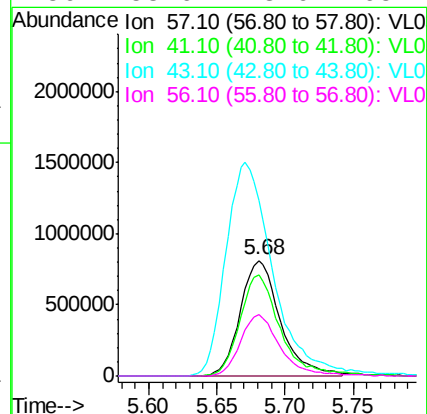
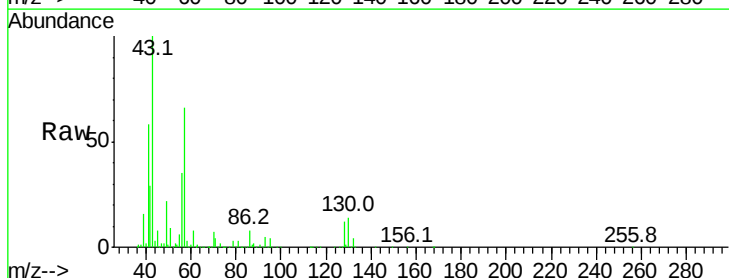
Ion Ratio Lower Upper

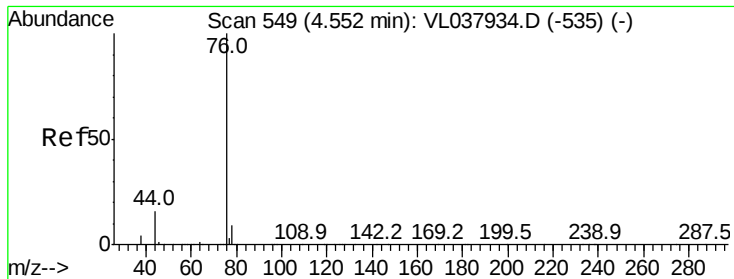
57 100

41 89.5 71.0 106.6

43 220.8 173.0 259.6

56 53.6 43.6 65.4





#27

Carbon Disulfide

Concen: 9.993 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

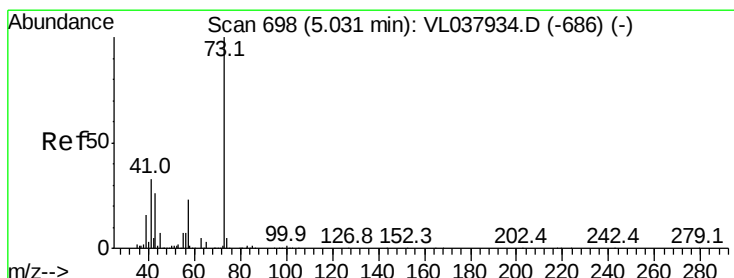
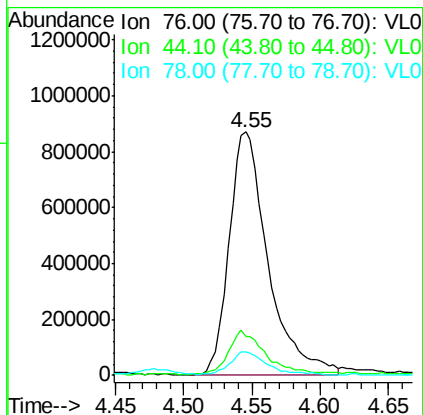
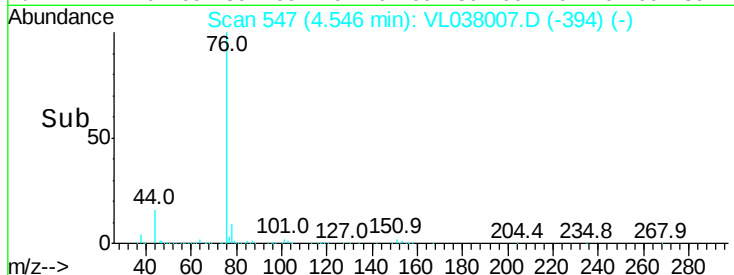
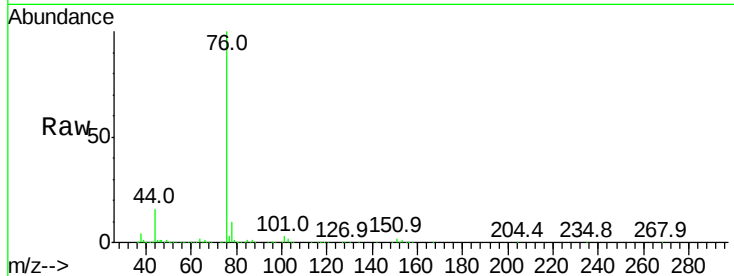
Lab File: VSTDCCC010

Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
76 100
44 17.
78 10.

Manual Integrations
APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 9.981 ppbv

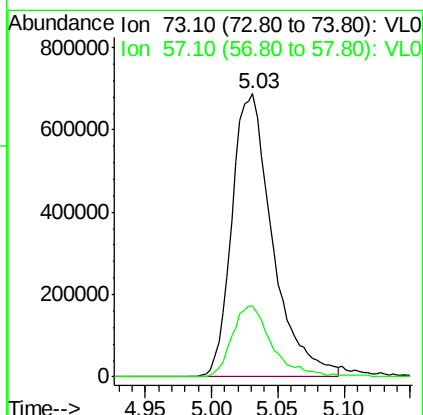
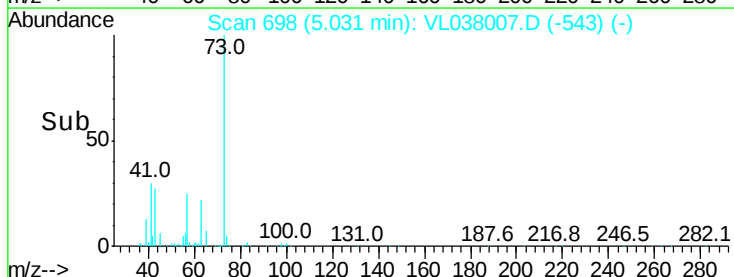
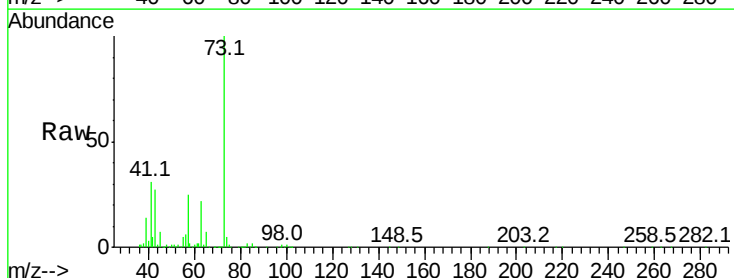
RT: 5.03 min Scan# 698

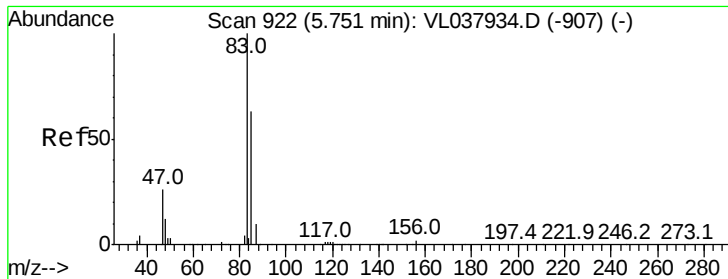
Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion: 73 Resp: 1465939
Ion Ratio Lower Upper
73 100
57 25.1 20.1 30.1



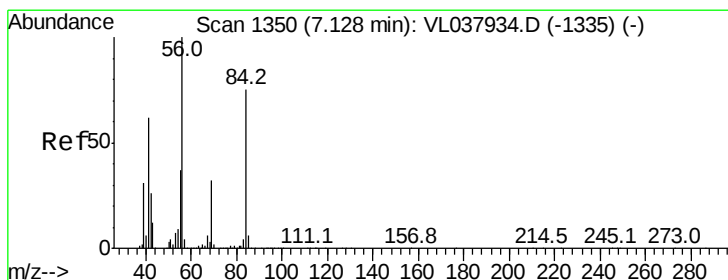
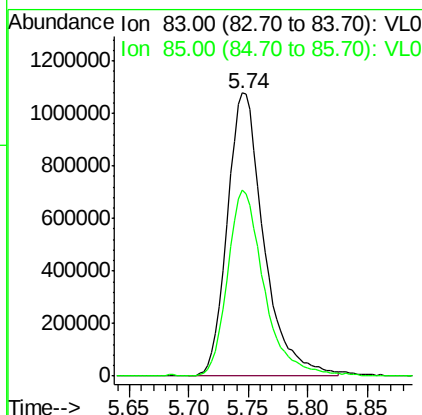
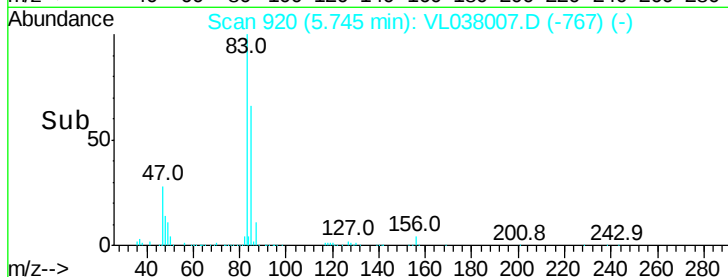
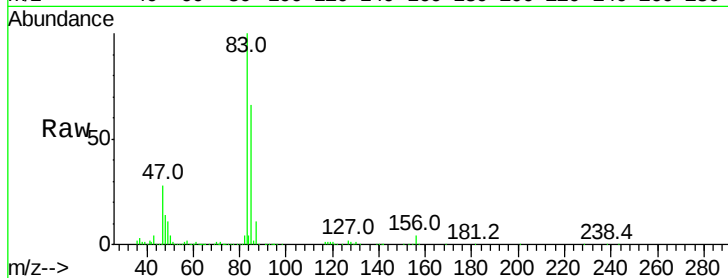


#29
Chloroform
Concen: 8.808 ppbv
RT: 5.74
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
83 100
85 65.

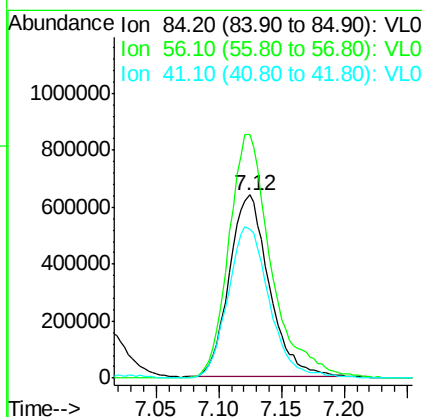
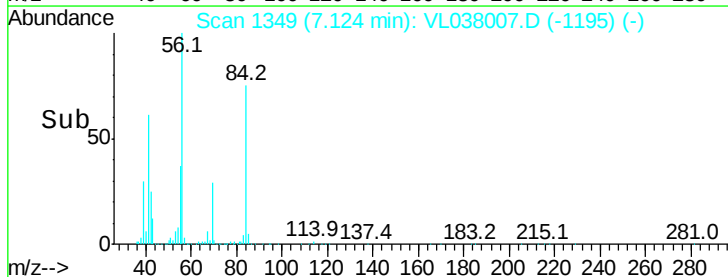
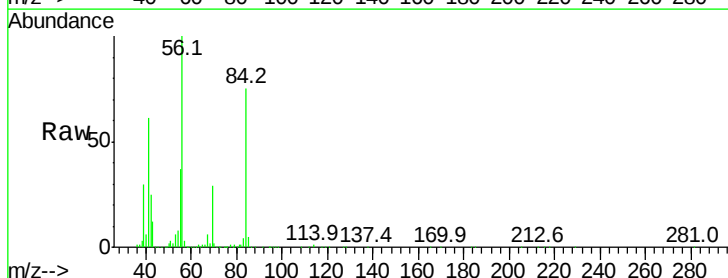
Manual Integrations
APPROVED

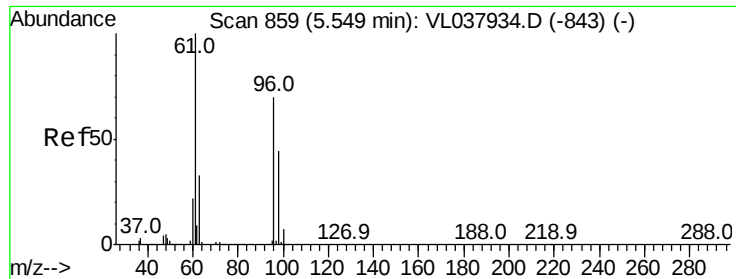
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 9.459 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion: 84 Resp: 1412659
Ion Ratio Lower Upper
84 100
56 143.1 114.0 171.0
41 86.6 68.3 102.5





#31

cis-1,2-Dichloroethene

Concen: 9.807 ppbv

RT: 5.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

61 100

96 67.

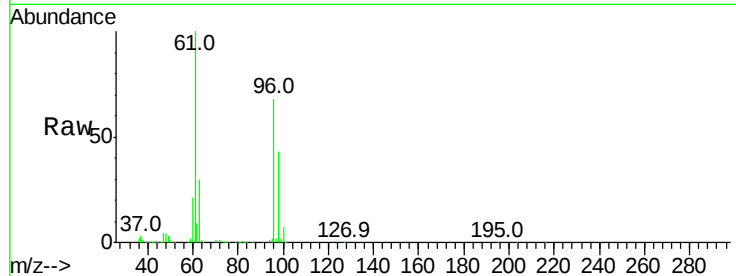
98 43.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2021

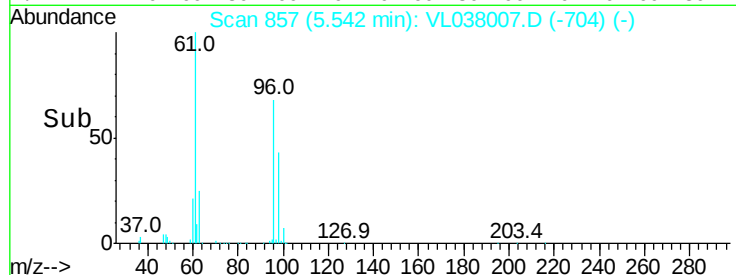
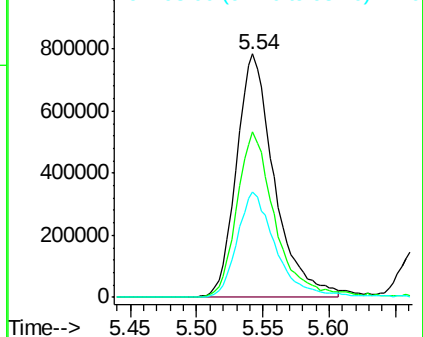
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



#32

1,1,1-Trichloroethane

Concen: 8.693 ppbv

RT: 6.50 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion: 97 Resp: 2226085

Ion Ratio Lower Upper

97 100

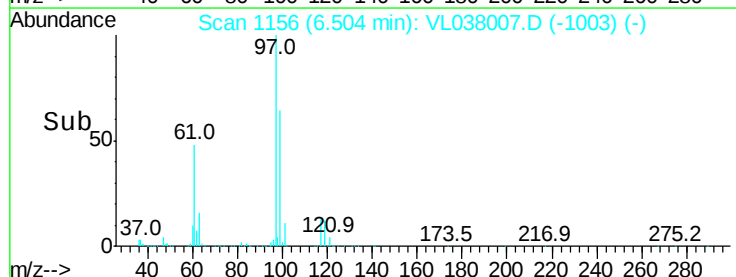
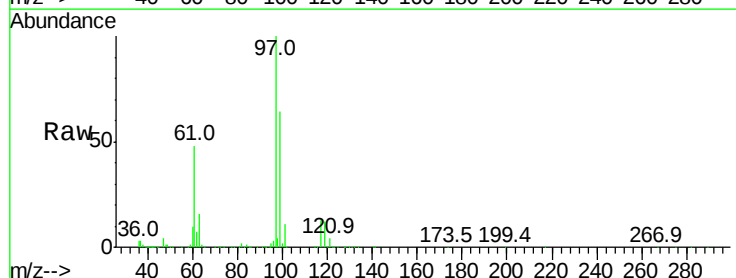
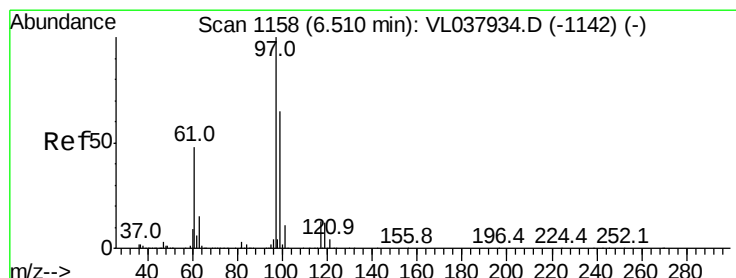
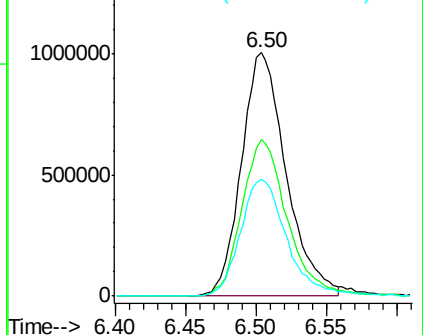
99 65.9 52.2 78.4

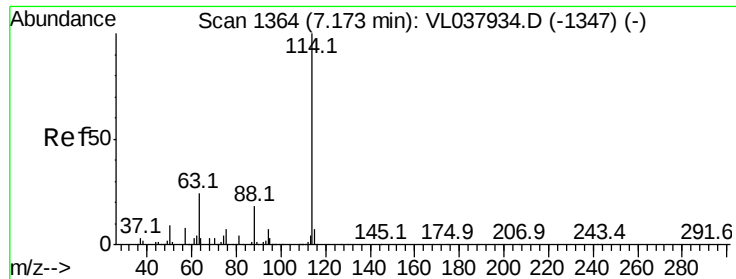
61 50.1 39.8 59.6

Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

114 100

63 24.

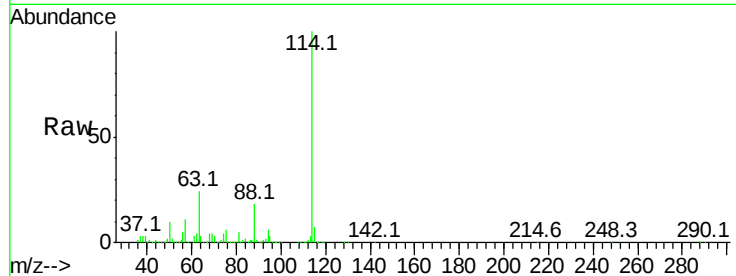
88 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2021

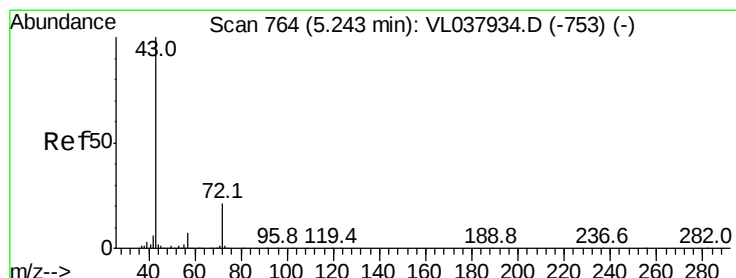
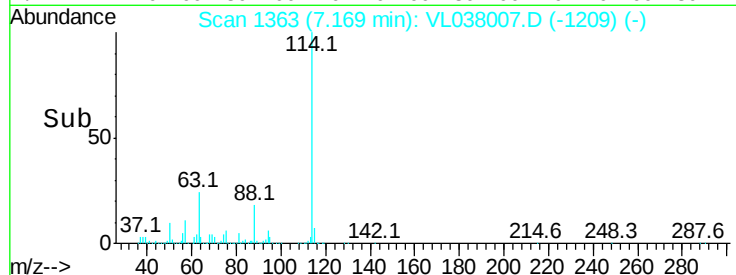
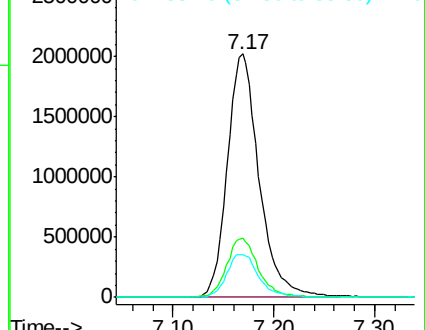
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 7.125 ppbv

RT: 5.24 min Scan# 762

Delta R.T. -0.01 min

Lab File: VL038007.D

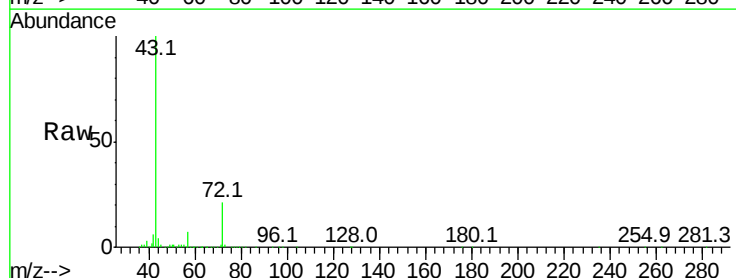
Acq: 10 Nov 2021 12:07

Tgt Ion: 43 Resp: 1170678

Ion Ratio Lower Upper

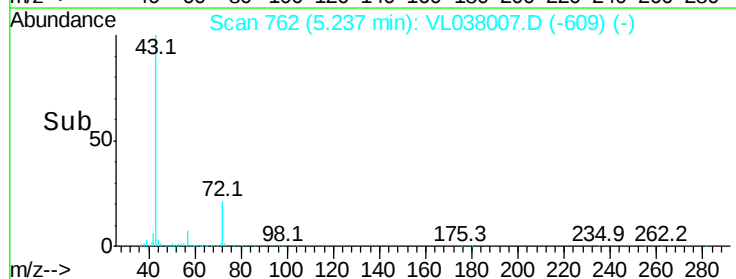
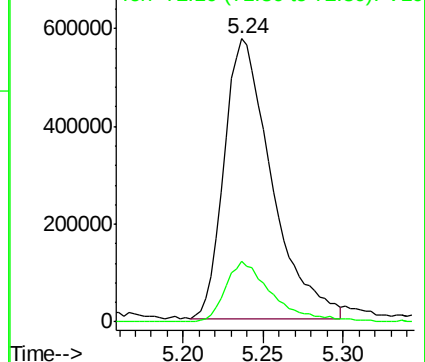
43 100

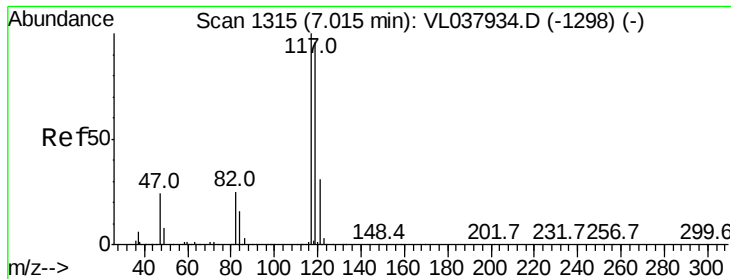
72 21.5 18.3 27.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.644 ppbv

RT: 7.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Ratio

117 100

119 95.

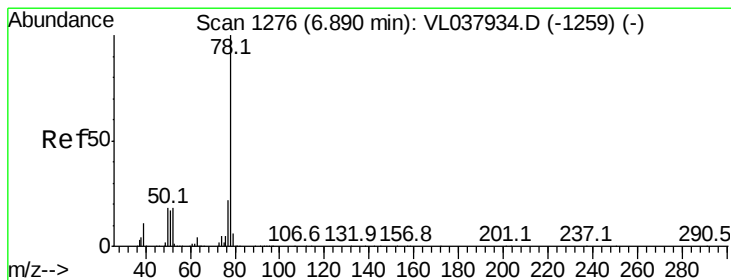
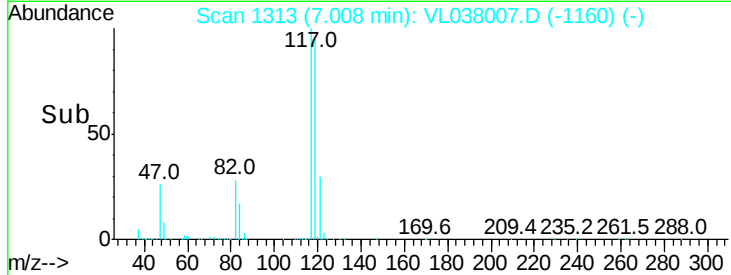
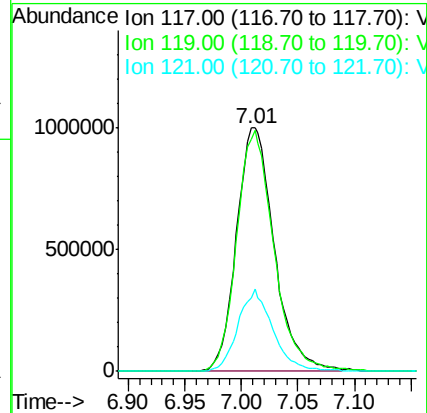
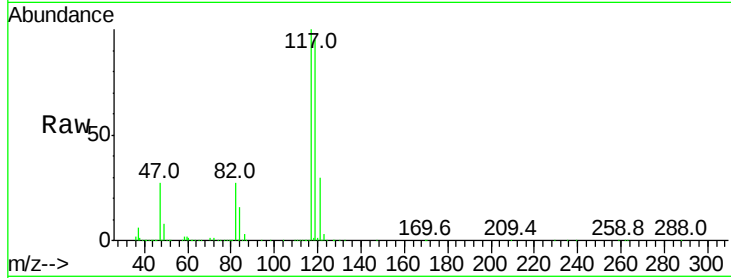
121 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#36

Benzene

Concen: 9.683 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

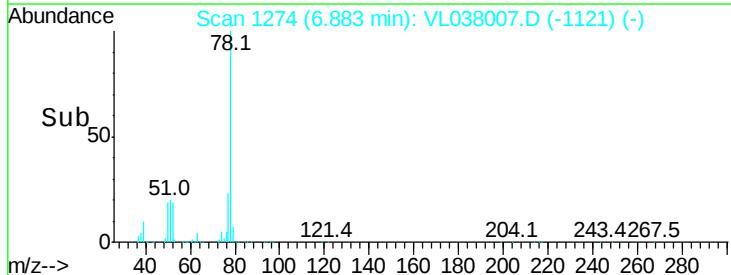
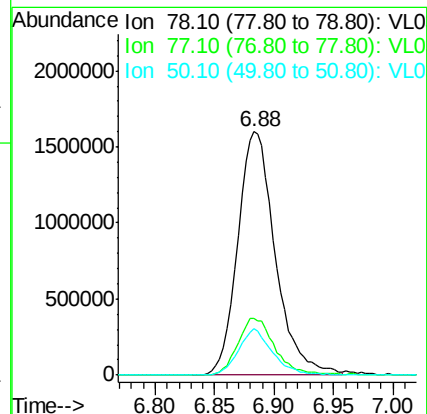
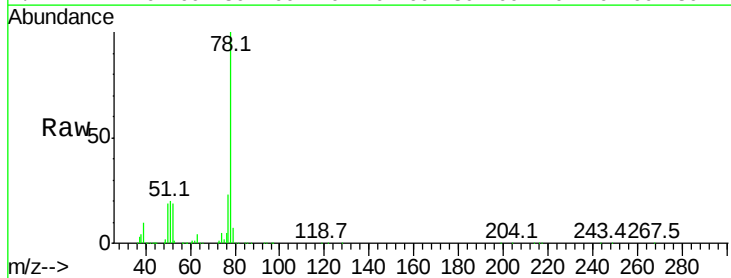
Tgt Ion: 78 Resp: 3496498

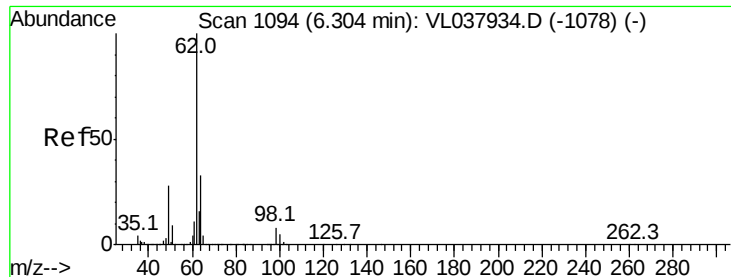
Ion Ratio Lower Upper

78 100

77 23.3 17.9 26.9

50 19.2 14.4 21.6



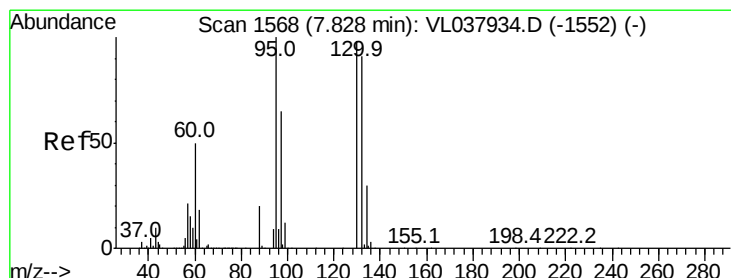
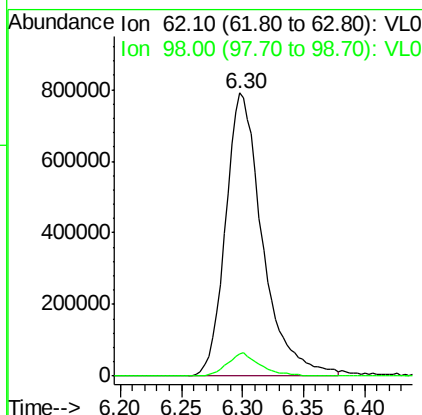
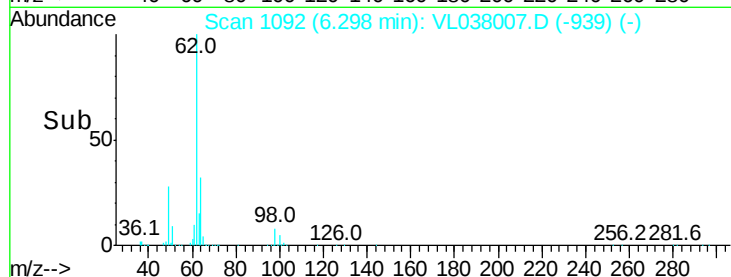
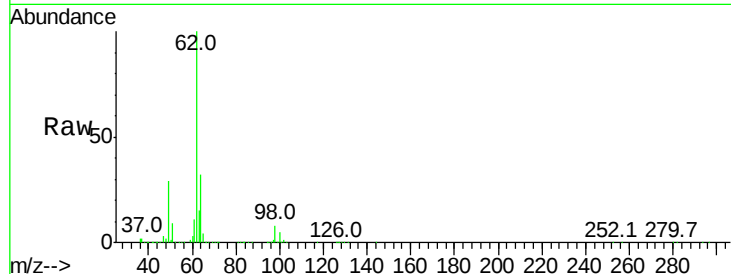


#37
 1,2-Dichloroethane
 Concen: 9.708 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 10 Nov 2021 12:07

Tot Ion:
 Ion Ratio
 62 100
 98 7.

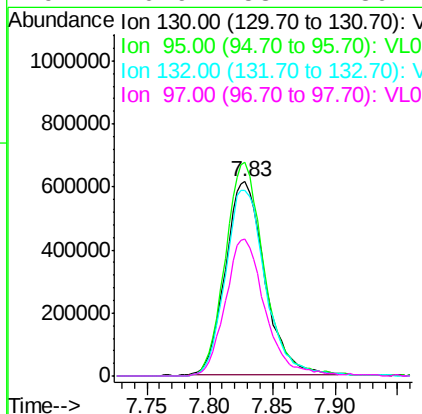
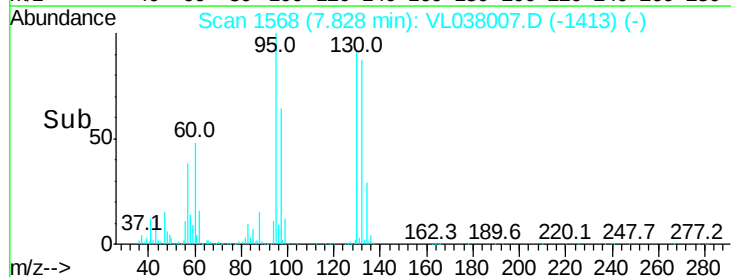
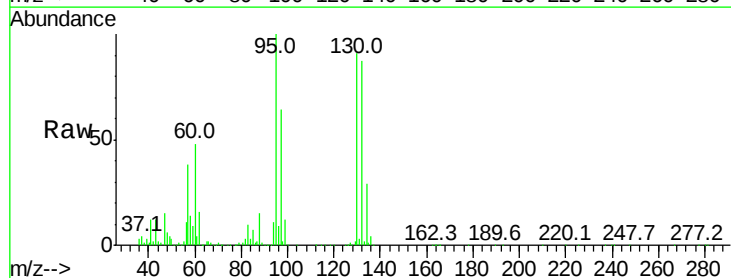
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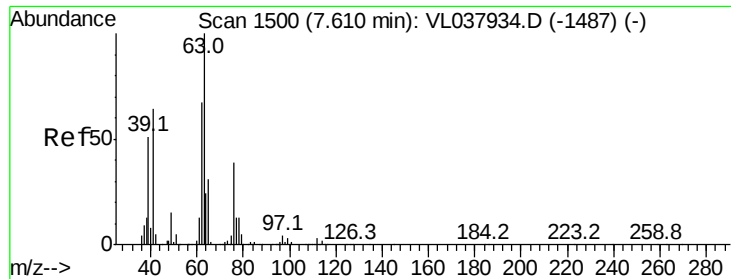
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#38
 Trichloroethene
 Concen: 8.936 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL038007.D
 Acq: 10 Nov 2021 12:07

Tgt Ion:130 Resp: 1339241
 Ion Ratio Lower Upper
 130 100
 95 110.2 81.8 122.8
 132 95.7 74.2 111.2
 97 70.9 53.4 80.2



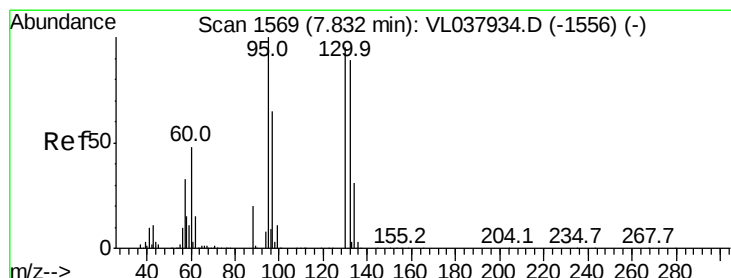
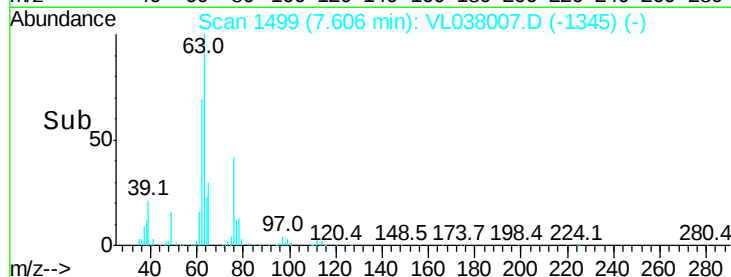
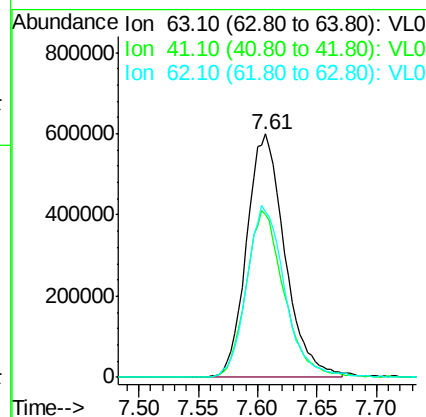
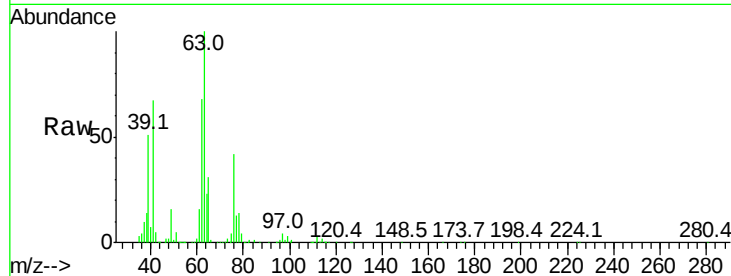


#39
 1,2-Dichloropropane
 Concen: 9.792 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 10 Nov 2021 12:07

Tot Ion:
 Ion Ratio
 63 100
 41 67.
 62 68.

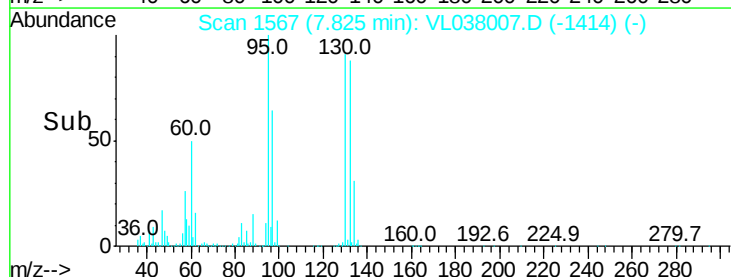
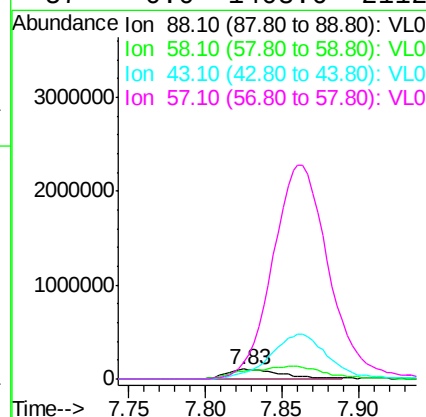
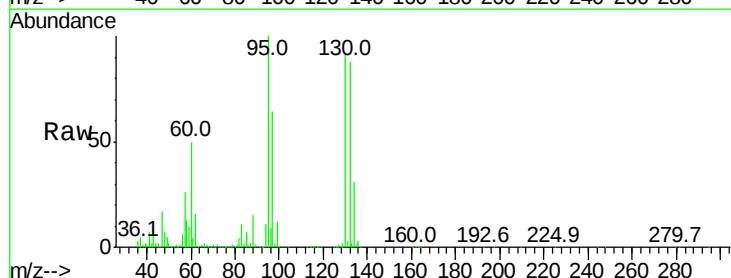
Manual Integrations
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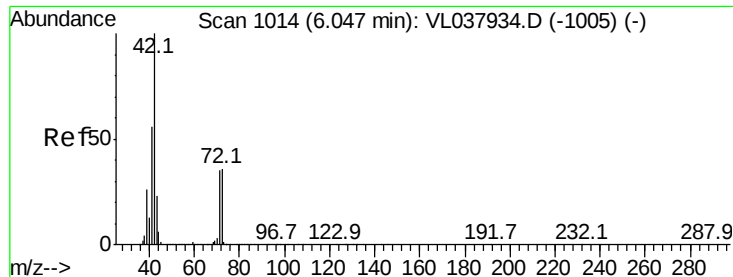
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 7.514 ppbv m
 RT: 7.83 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: VL038007.D
 Acq: 10 Nov 2021 12:07

Tgt Ion: 88 Resp: 268849
 Ion Ratio Lower Upper
 88 100
 58 0.0 129.1 193.7#
 43 0.0 313.2 469.8#
 57 0.0 1408.6 2112.8#





#41

Tetrahydrofuran

Concen: 10.234 ppbv

RT: 6.04 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

42 100

72 40.

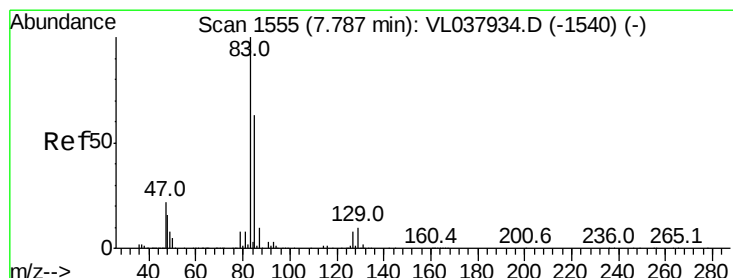
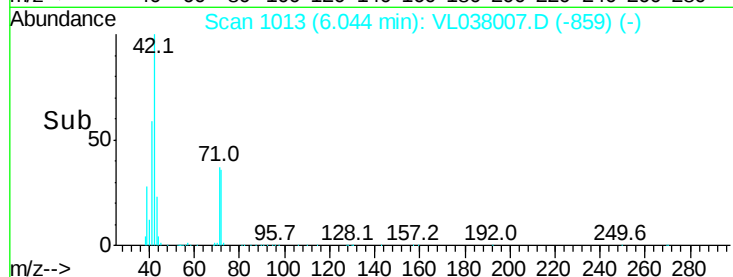
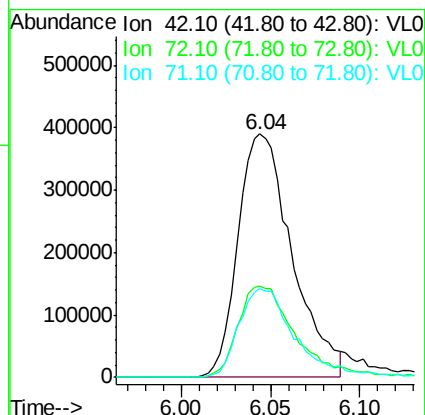
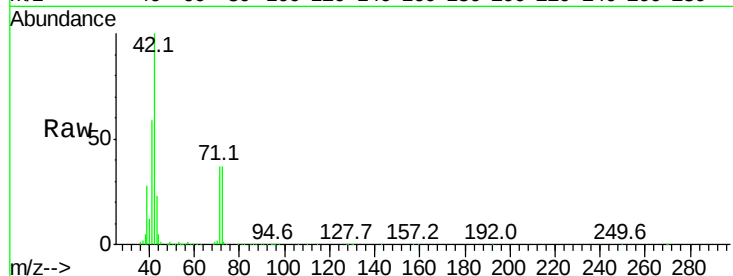
71 38.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#42

Bromodichloromethane

Concen: 9.443 ppbv

RT: 7.79 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

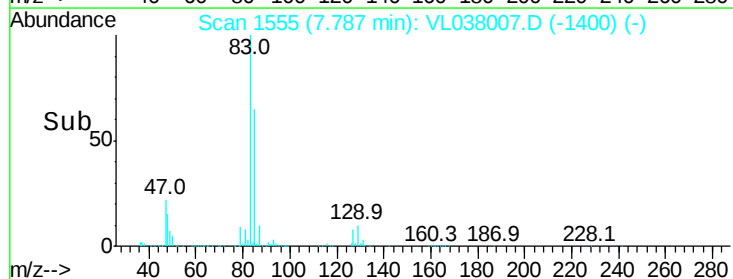
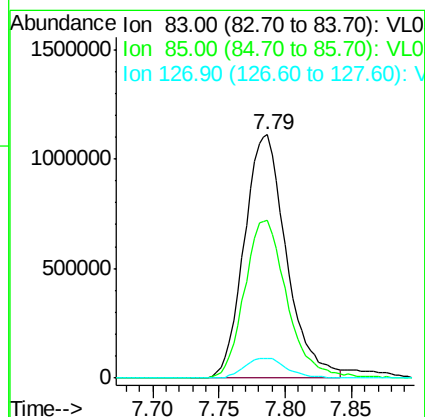
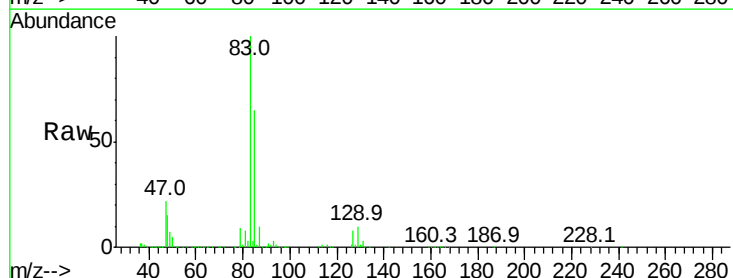
Tgt Ion: 83 Resp: 2450800

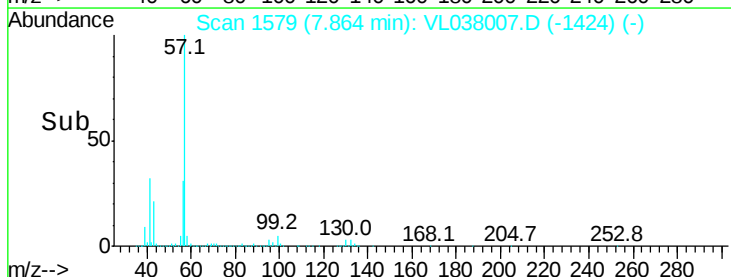
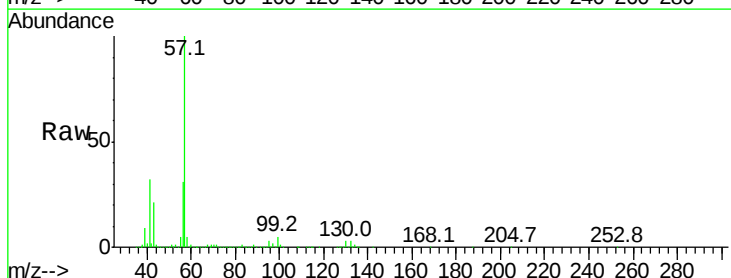
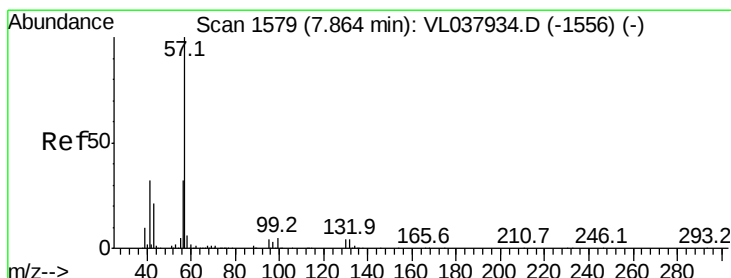
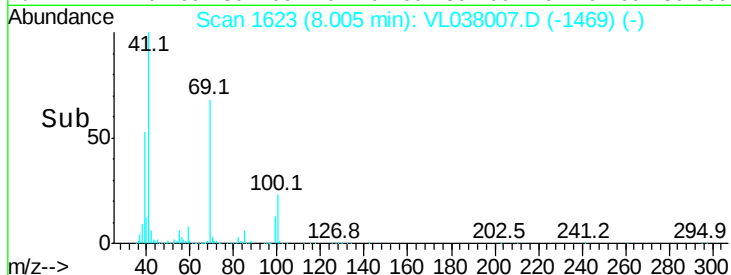
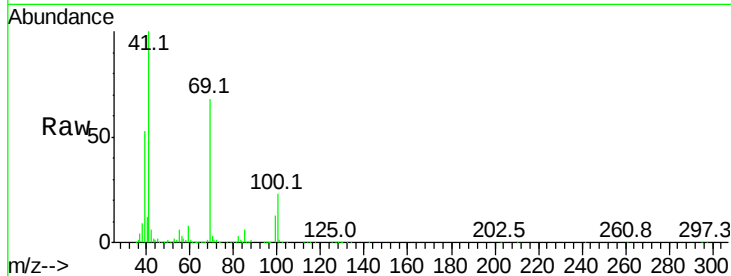
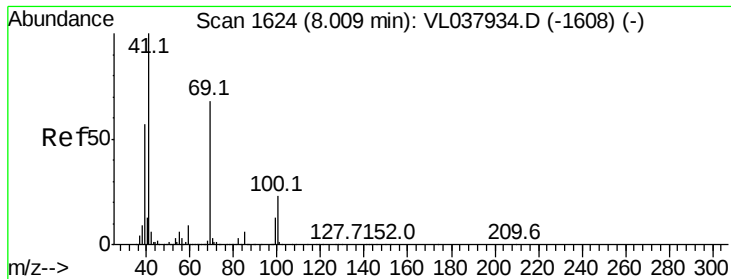
Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 8.3 6.1 9.1





#43

Methyl Methacrylate

Concen: 10.654 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

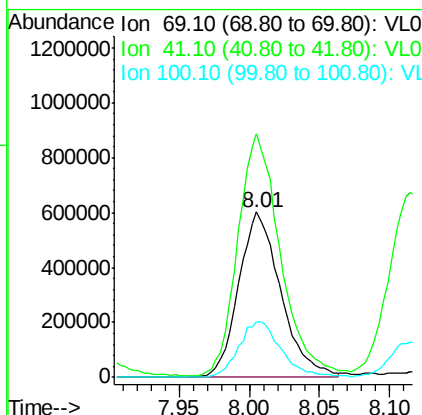
69	100
41	149.
100	33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

2,2,4-Trimethylpentane

Concen: 9.531 ppbv

RT: 7.86 min Scan# 1579

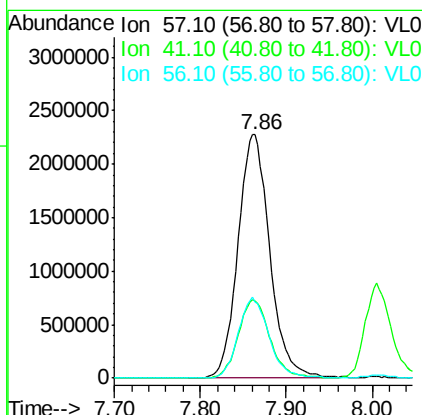
Delta R.T. -0.00 min

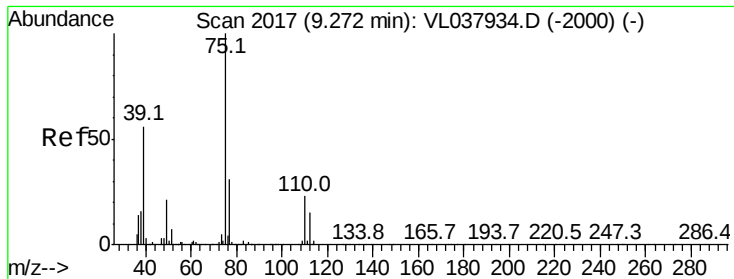
Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion: 57 Resp: 5853377

Ion	Ratio	Lower	Upper
57	100		
41	31.8	25.8	38.8
56	31.9	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 12.050 ppbv

RT: 9.27 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

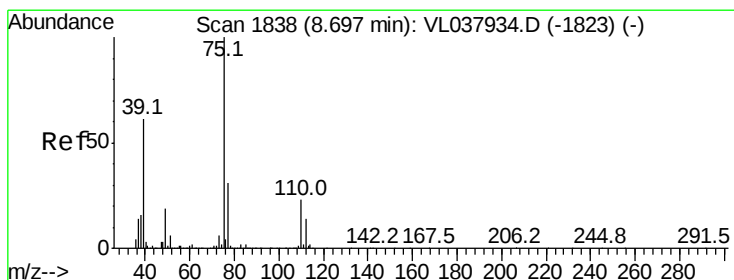
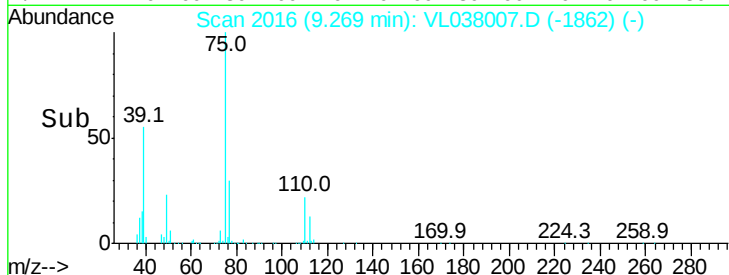
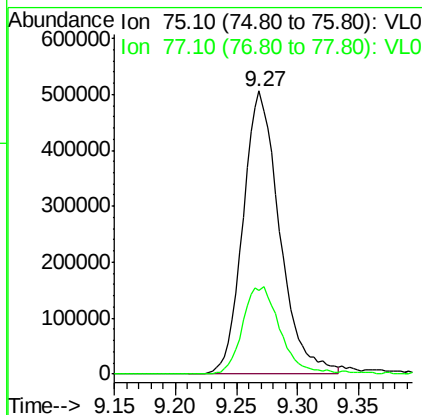
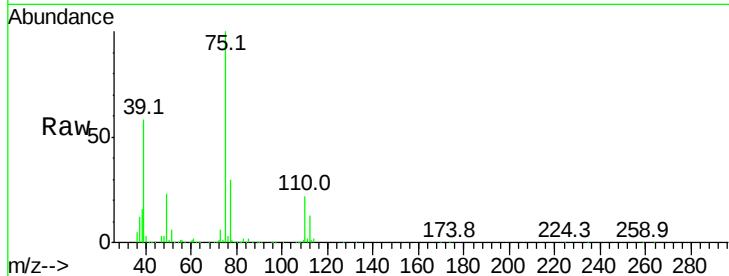
77 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 11.351 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

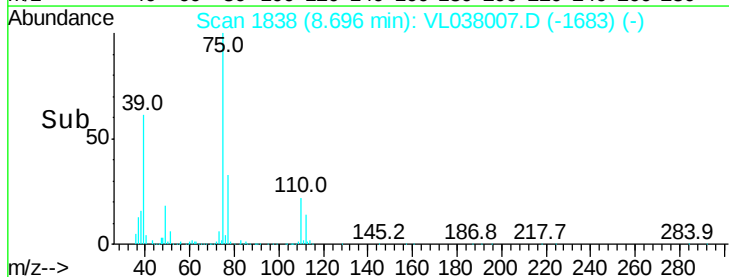
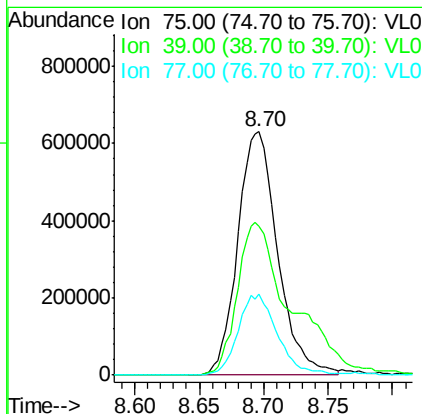
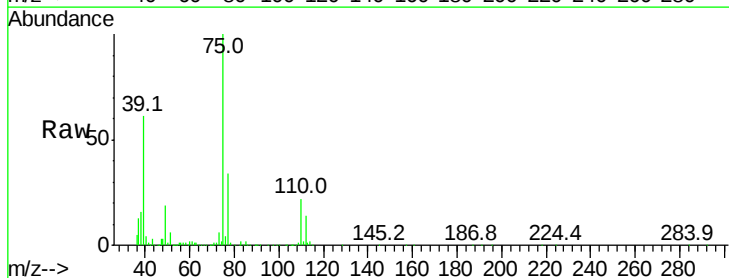
Tgt Ion: 75 Resp: 1359050

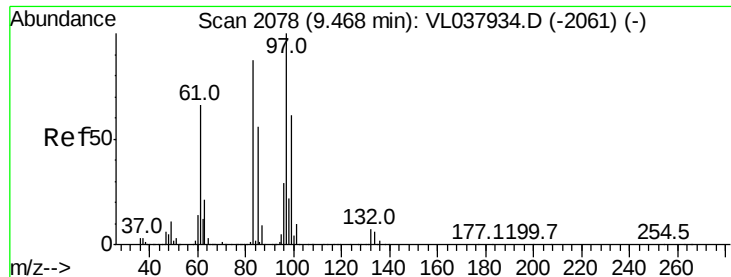
Ion Ratio Lower Upper

75 100

39 61.3 48.8 73.2

77 33.5 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 8.932 ppbv

RT: 9.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

97 100

83 84.

85 55.

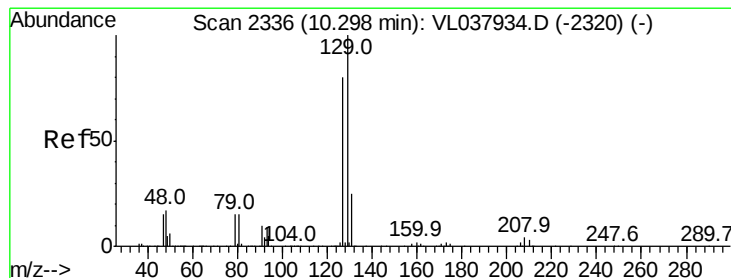
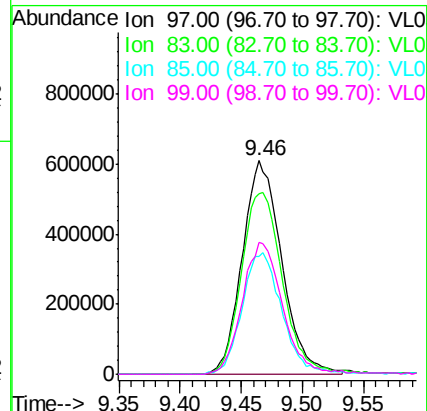
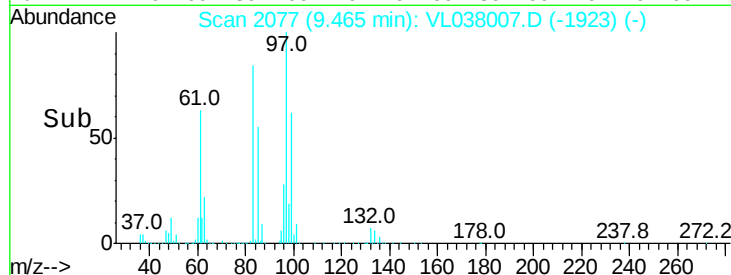
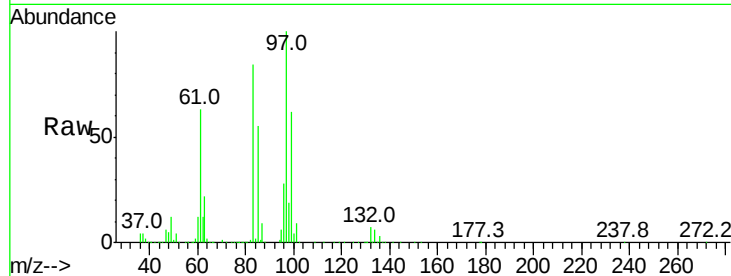
99 61.8 48.7 73.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Dibromochloromethane

Concen: 9.981 ppbv

RT: 10.30 min Scan# 2336

Delta R.T. -0.00 min

Lab File: VL038007.D

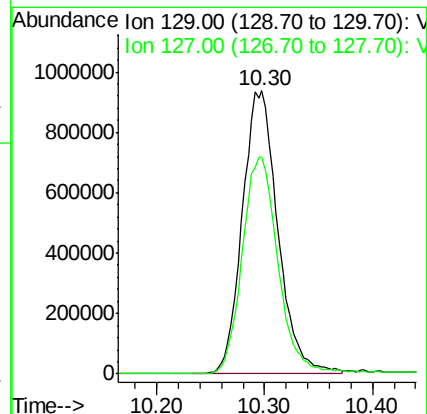
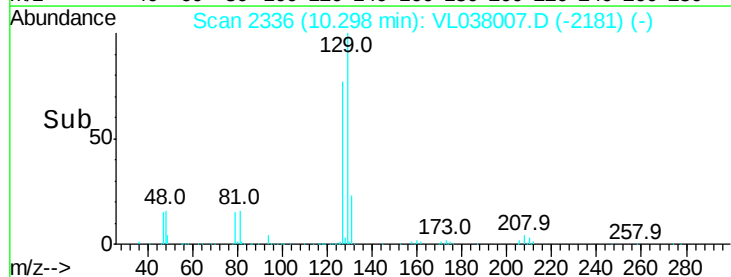
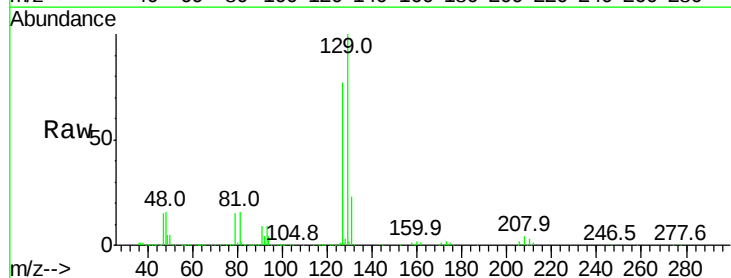
Acq: 10 Nov 2021 12:07

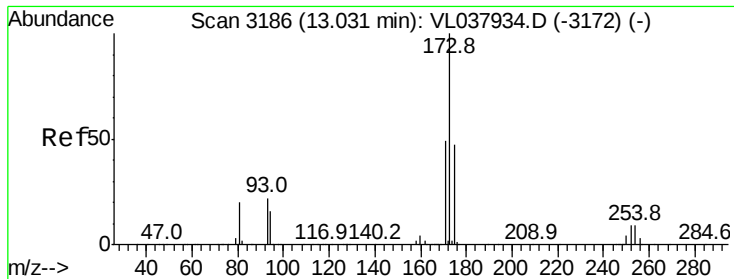
Tgt Ion:129 Resp: 2157230

Ion Ratio Lower Upper

129 100

127 78.3 40.3 120.9





#49

Bromoform

Concen: 9.493 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 10 Nov 2021 12:07

Instrument :

MSVOA_1

ClientSampleId :

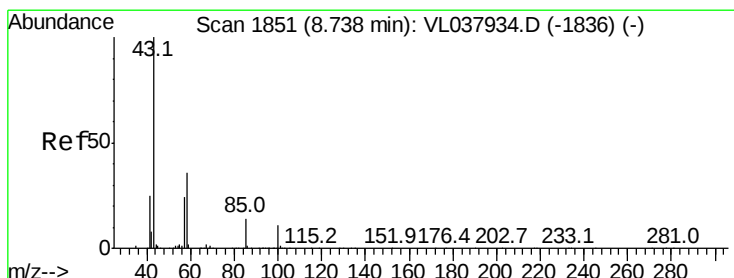
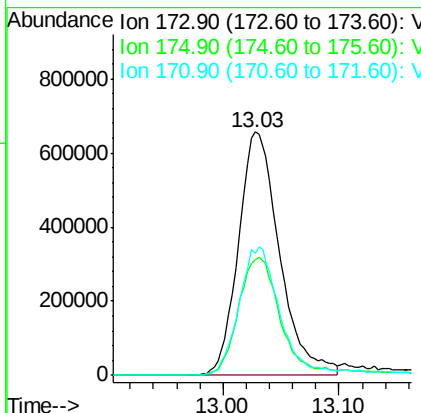
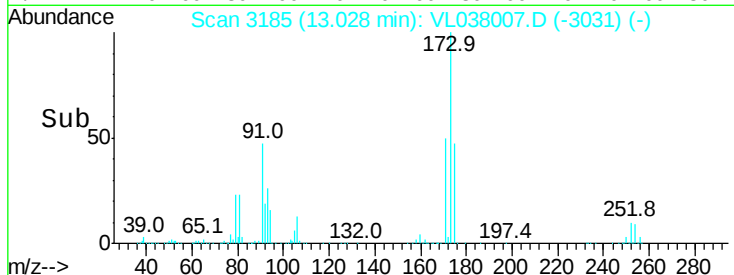
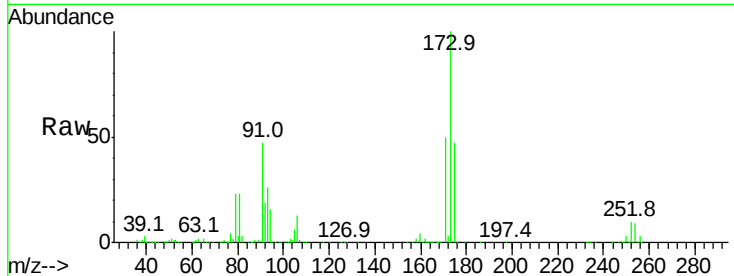
VSTDCCC010

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

4-Methyl-2-Pentanone

Concen: 10.183 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL038007.D

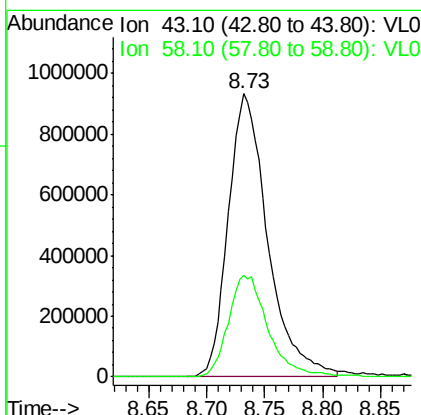
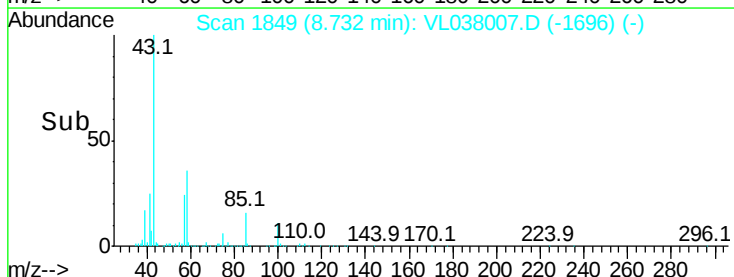
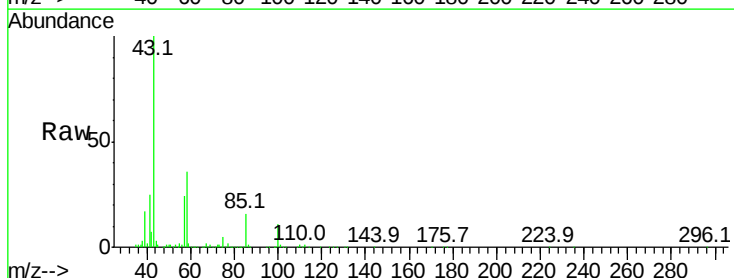
Acq: 10 Nov 2021 12:07

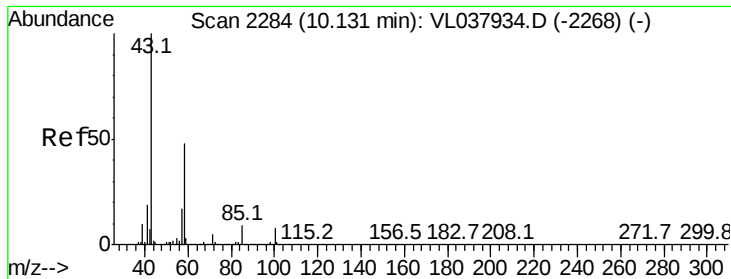
Tgt Ion: 43 Resp: 2198103

Ion Ratio Lower Upper

43 100

58 36.5 28.8 43.2



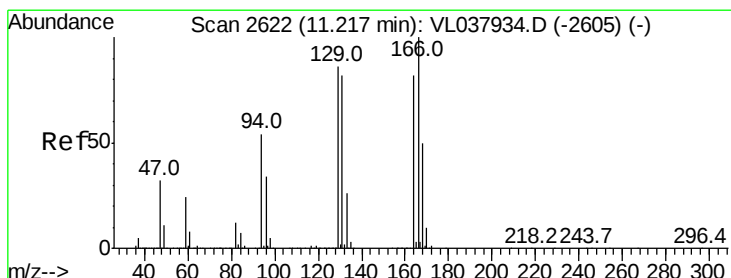
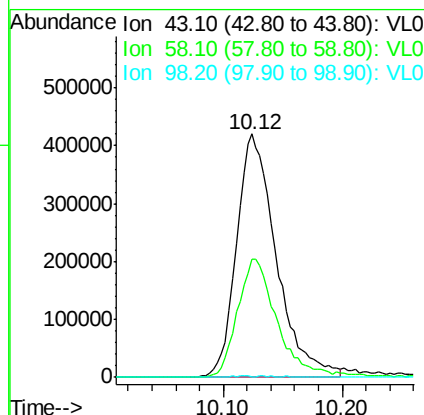
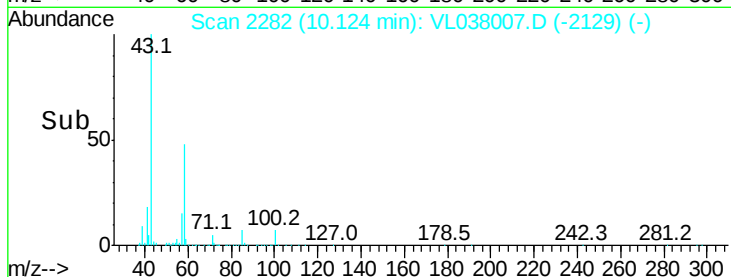
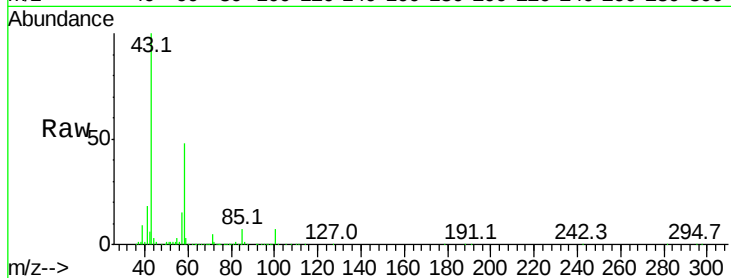


#51
2-Hexanone
Concen: 10.658 ppbv
RT: 10.12 min
Delta R.T.: 0.00 min
Lab File: VSTDCCC010
Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
43 100
58 49.1
98 0.1

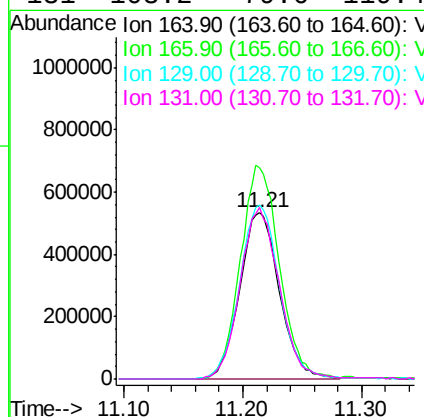
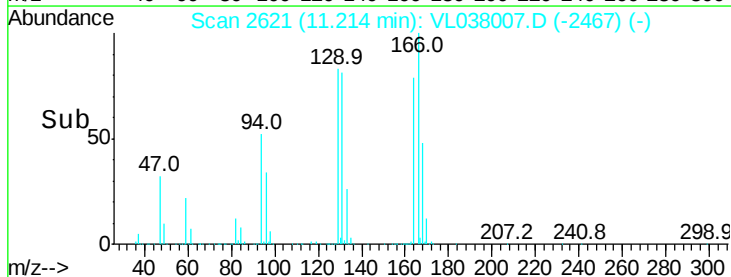
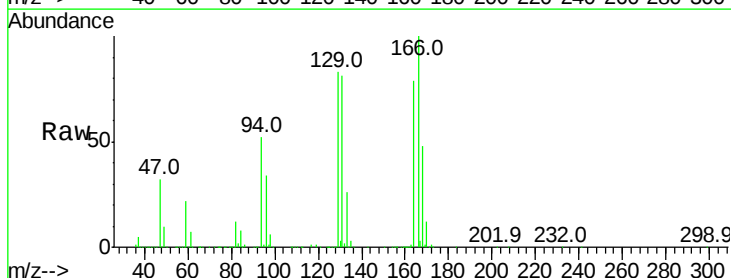
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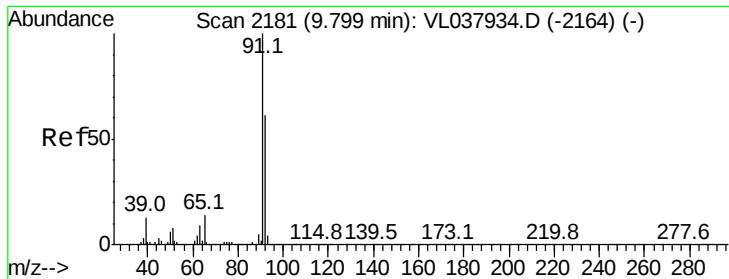
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Tetrachloroethene
Concen: 8.999 ppbv
RT: 11.21 min Scan# 2621
Delta R.T.: -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion:164 Resp: 1232630
Ion Ratio Lower Upper
164 100
166 127.0 97.6 146.4
129 105.0 84.2 126.2
131 103.2 79.6 119.4





#53

Toluene

Concen: 10.216 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:

Ion Ratio

91 100

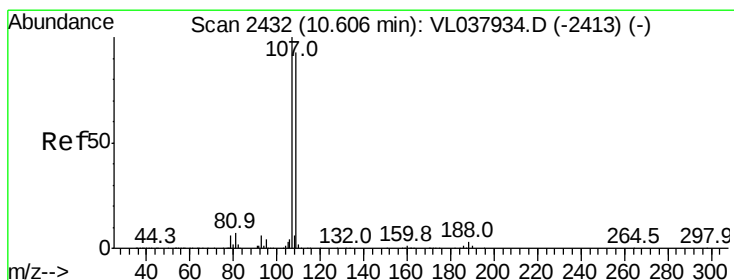
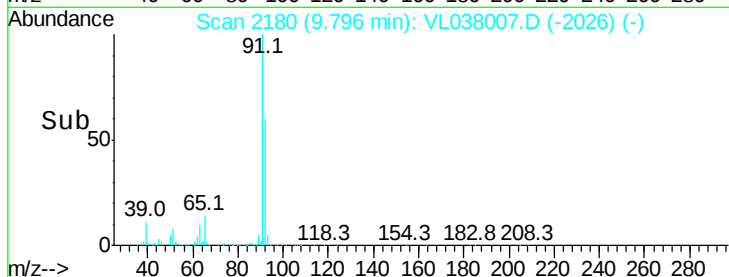
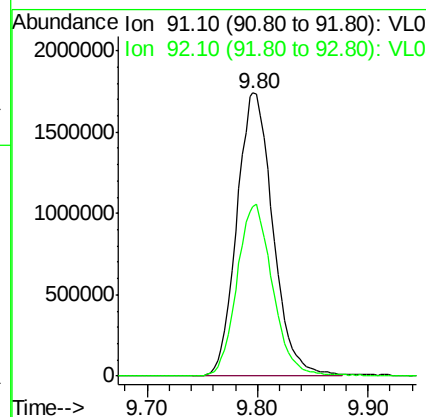
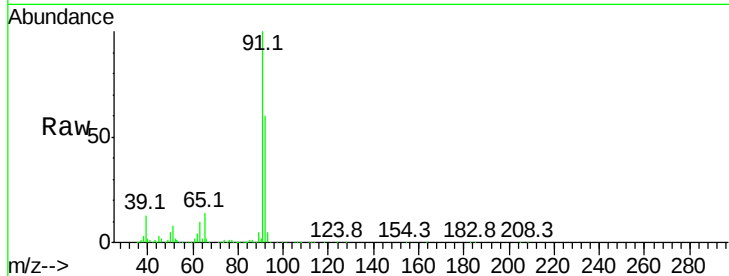
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 9.661 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. -0.01 min

Lab File: VL038007.D

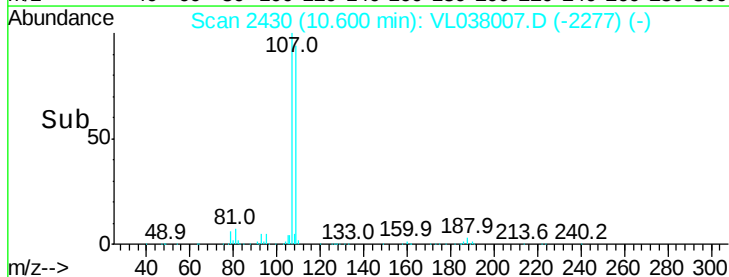
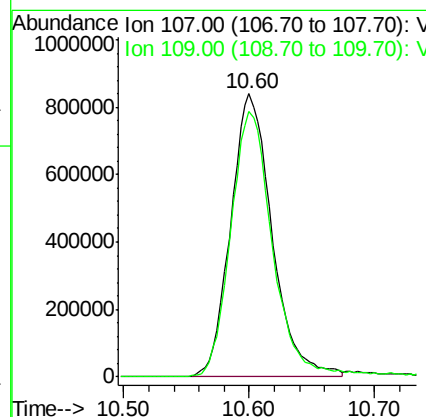
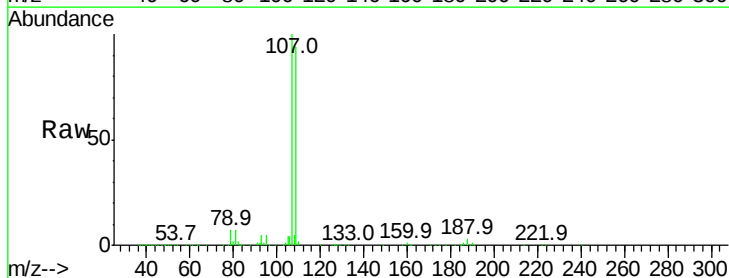
Acq: 10 Nov 2021 12:07

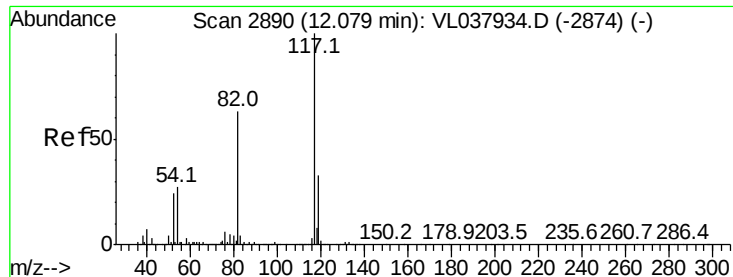
Tgt Ion:107 Resp: 1901947

Ion Ratio Lower Upper

107 100

109 93.6 74.5 111.7



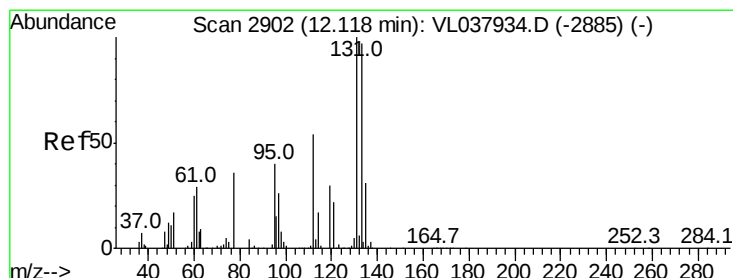
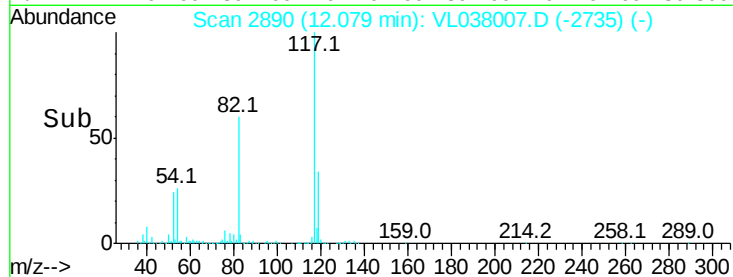
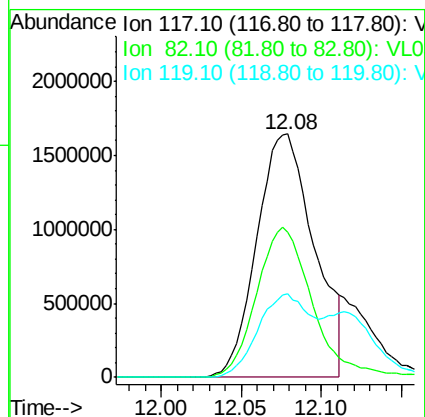
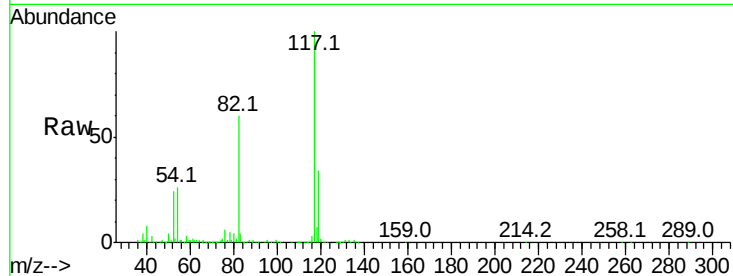


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 10 Nov 2021 12:07

Tot Ion:1
Ion Rati
117 100
82 61.
119 56.

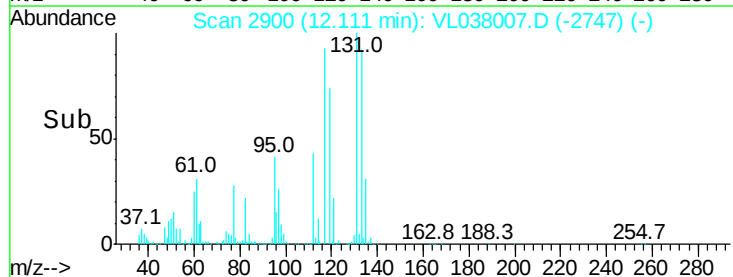
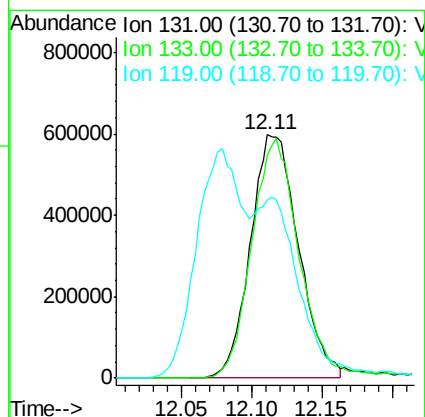
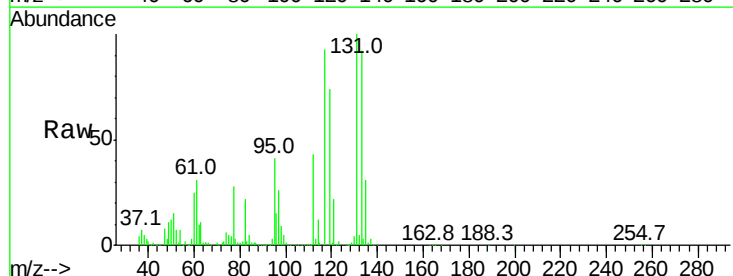
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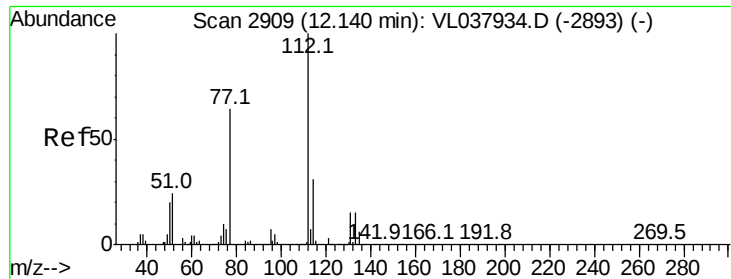
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.547 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.01 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion:131 Resp: 1422040
Ion Ratio Lower Upper
131 100
133 99.5 79.6 119.4
119 163.4 125.4 188.2





#57

Chlorobenzene

Concen: 8.430 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

112 100

77 64.

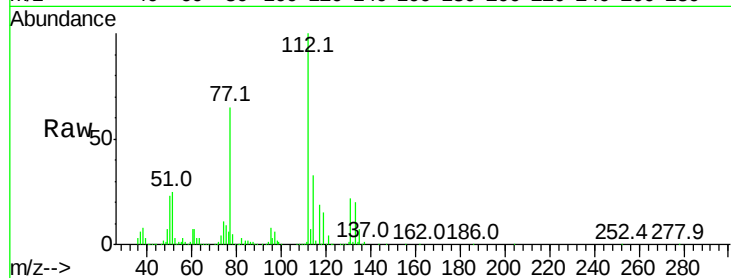
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/11/2021

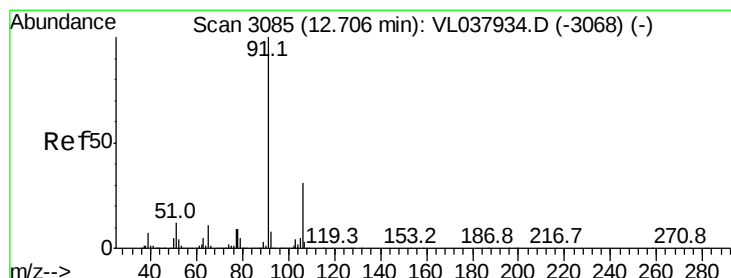
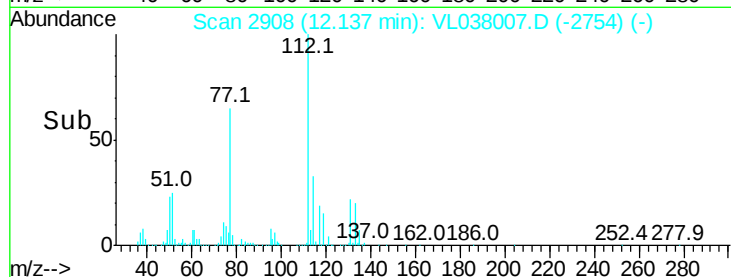
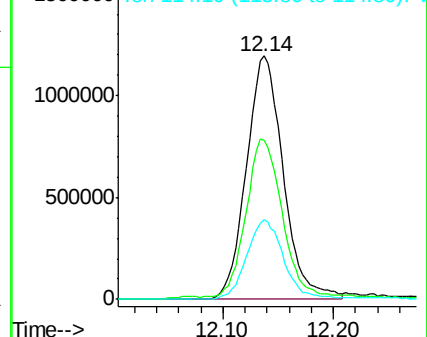
Supervised By :Mahesh Dadoda 11/17/2021



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: 9.613 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. -0.00 min

Lab File: VL038007.D

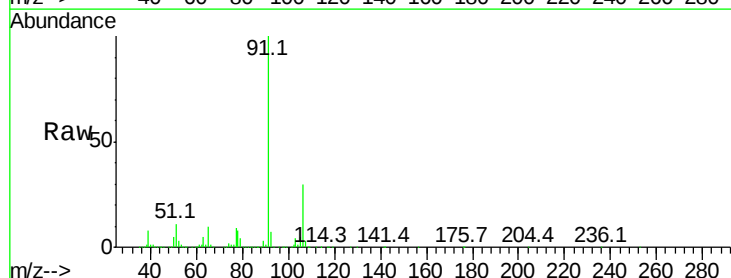
Acq: 10 Nov 2021 12:07

Tgt Ion: 91 Resp: 4844592

Ion Ratio Lower Upper

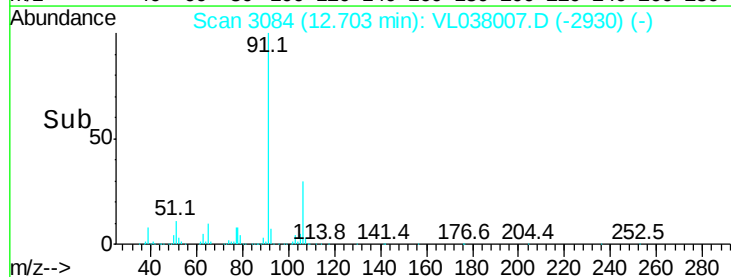
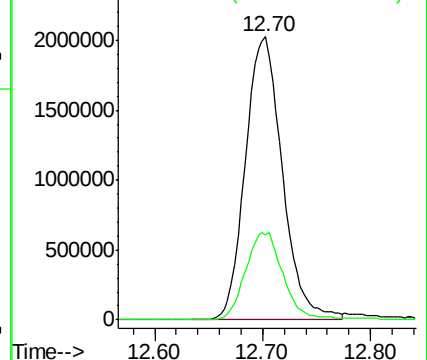
91 100

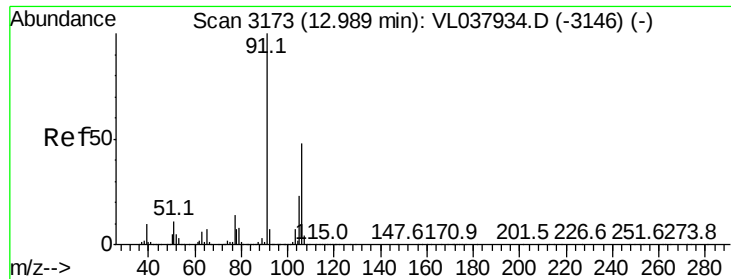
106 30.2 25.1 37.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



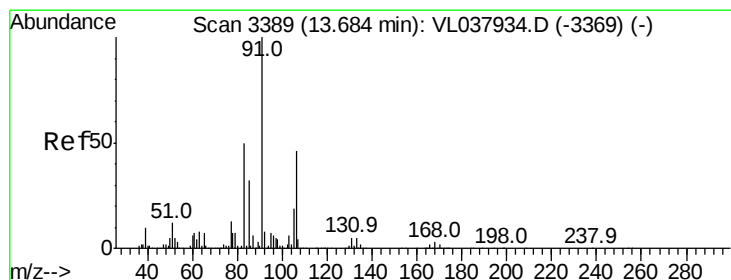
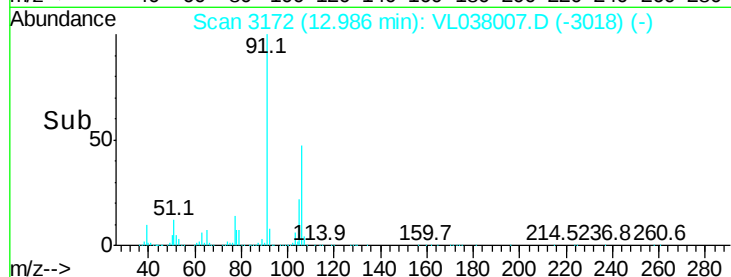
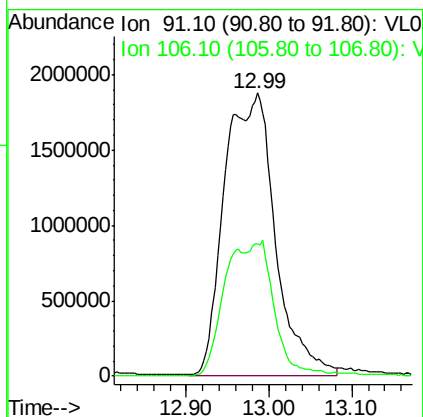
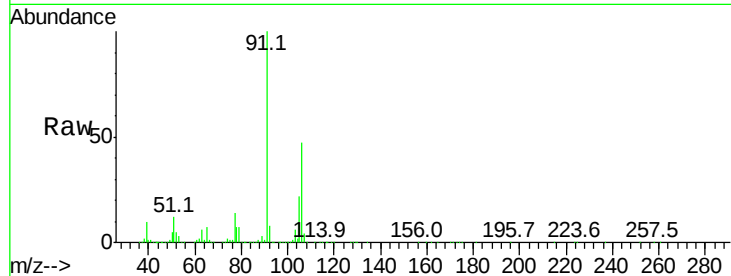


#59
m/p-Xylene
Concen: 17.987 ppbv m
RT: 12.99
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010
Acq: 10 Nov 2021 12:07

Tot Ion:
Ion Ratio
91 100
106 46.

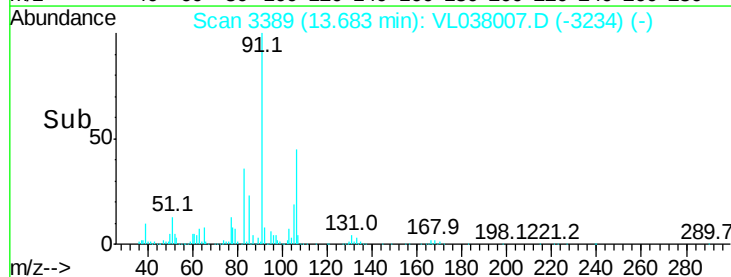
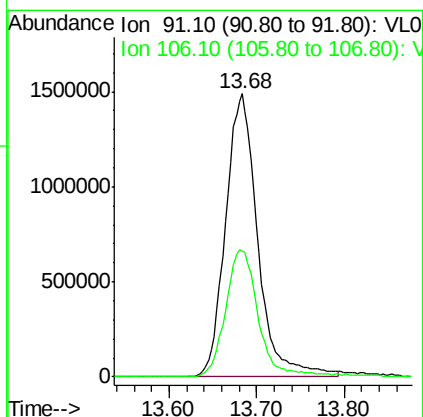
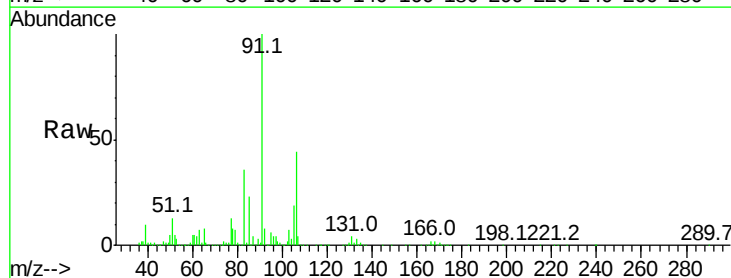
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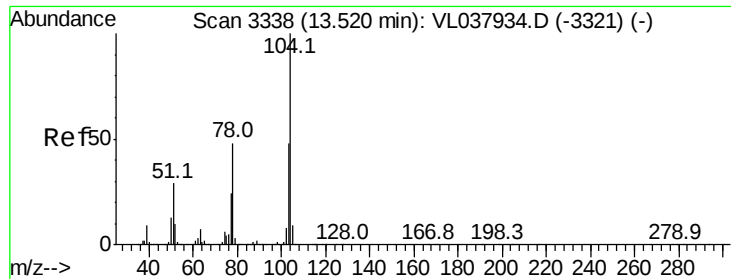
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 8.957 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion: 91 Resp: 3782906
Ion Ratio Lower Upper
91 100
106 46.7 23.5 70.6





#61

Stvrene

Concen: 10.525 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

104 100

78 50.

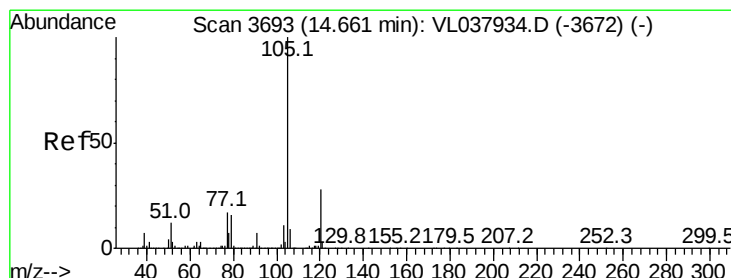
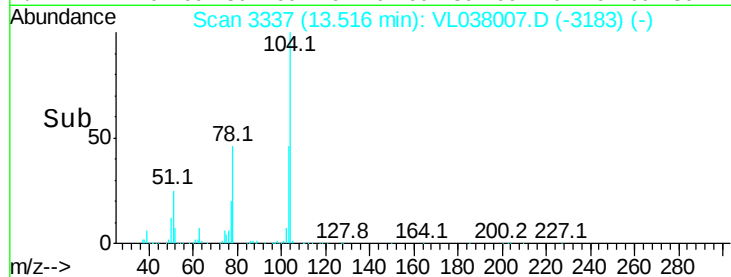
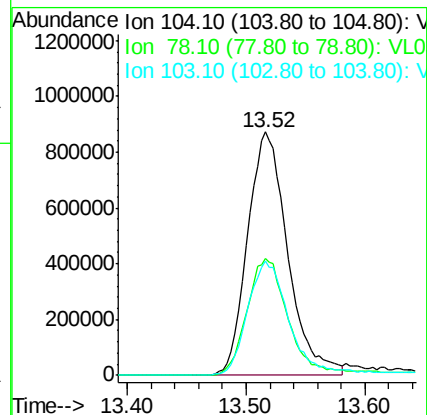
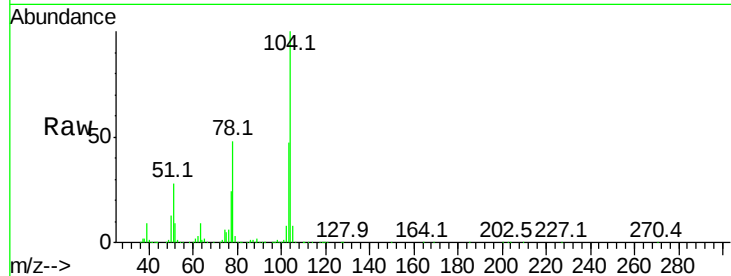
103 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#62

Isopropylbenzene

Concen: 8.354 ppbv

RT: 14.66 min Scan# 3692

Delta R.T. -0.00 min

Lab File: VL038007.D

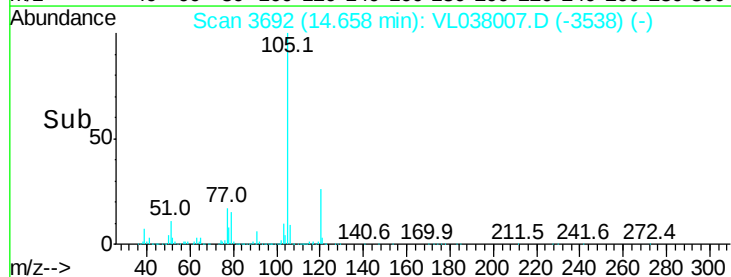
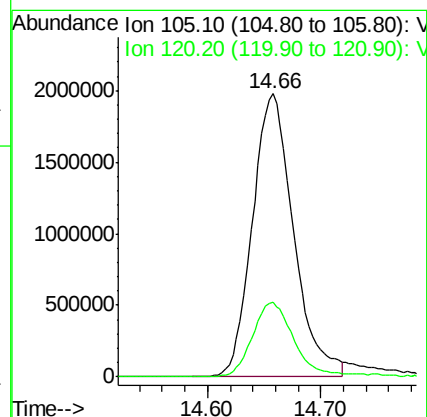
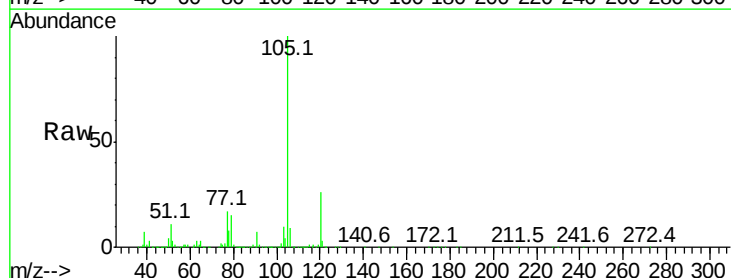
Acq: 10 Nov 2021 12:07

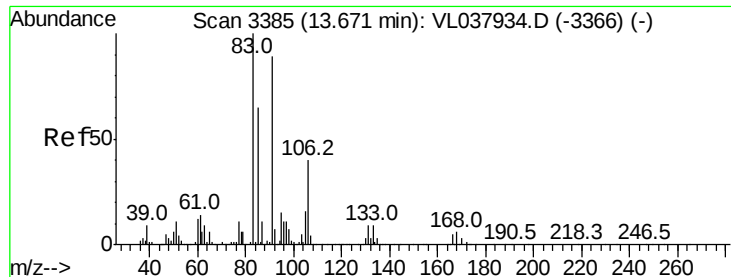
Tgt Ion:105 Resp: 4995923

Ion Ratio Lower Upper

105 100

120 27.6 21.8 32.6



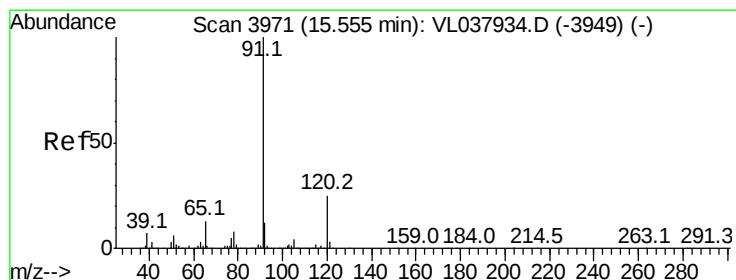
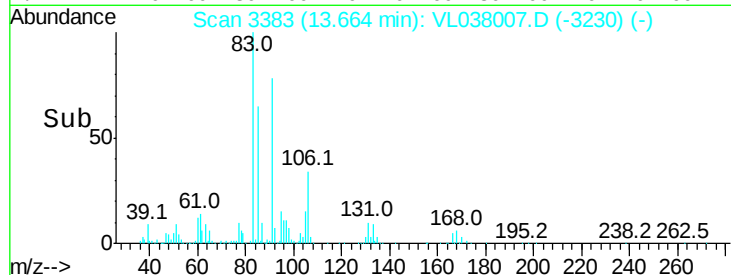
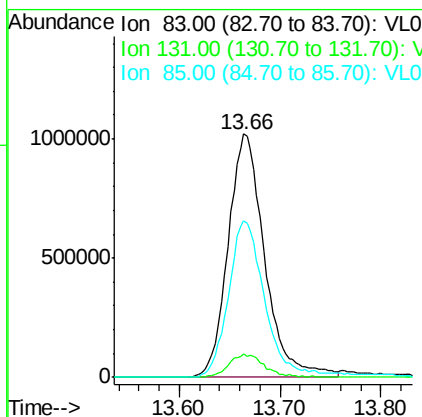
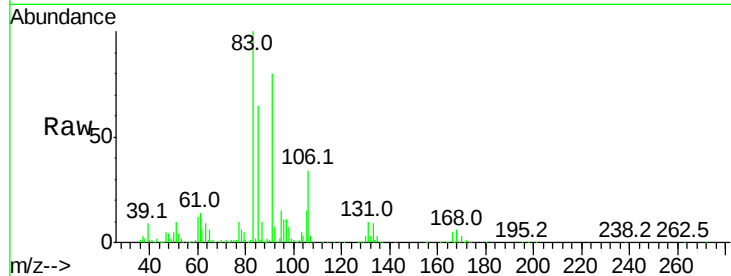


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.054 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 10 Nov 2021 12:07

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

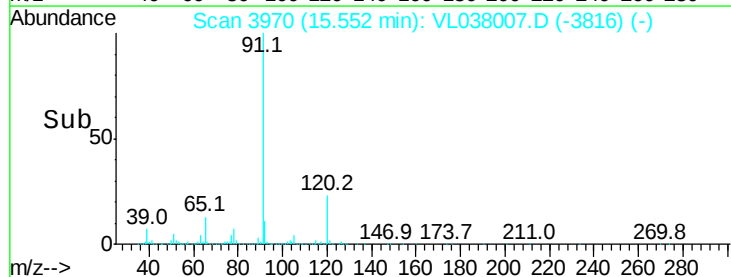
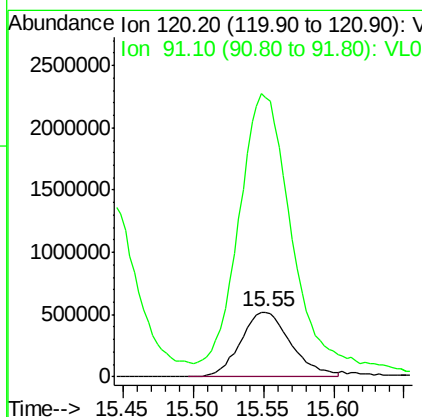
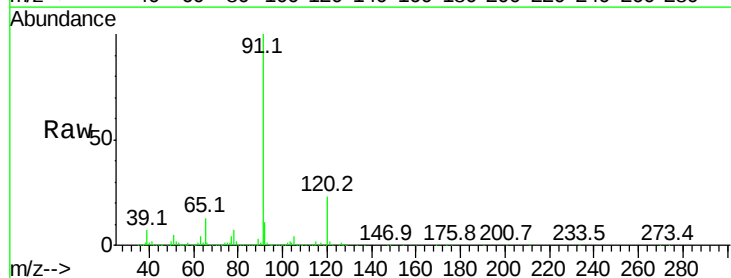
Manual Integrations
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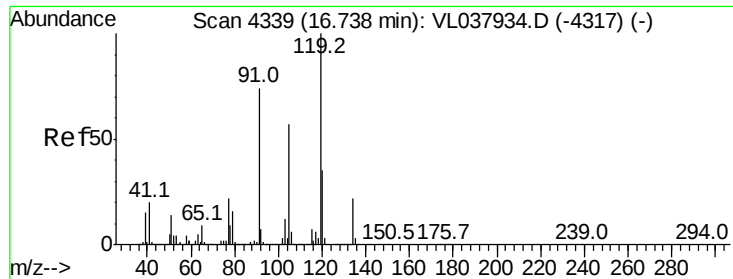
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#64
 n-propylbenzene
 Concen: 8.487 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. -0.00 min
 Lab File: VL038007.D
 Acq: 10 Nov 2021 12:07

Tgt Ion:120 Resp: 1300364
 Ion Ratio Lower Upper
 120 100
 91 487.4 363.3 544.9



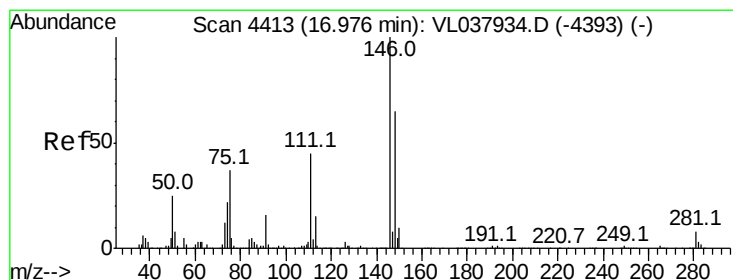
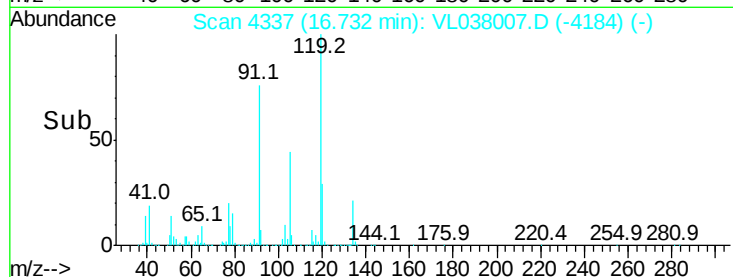
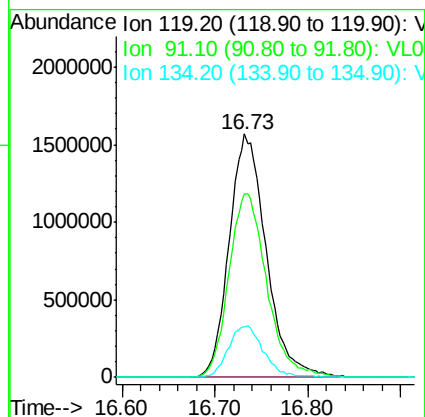
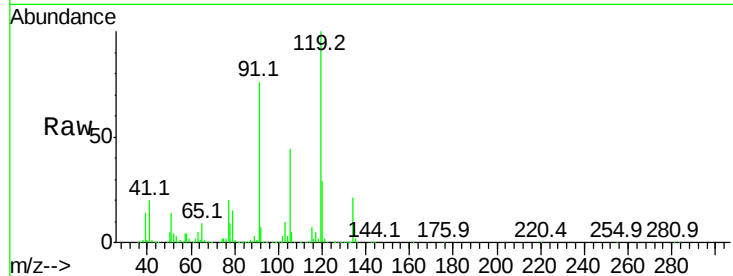


#65
tert-Butylbenzene
Concen: 8.197 ppbv
RT: 16.73 min
Delta R.T.: MSVOA_1
Lab File: ClientSampleId :
Acq: 10 Nov 2021 12:07

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

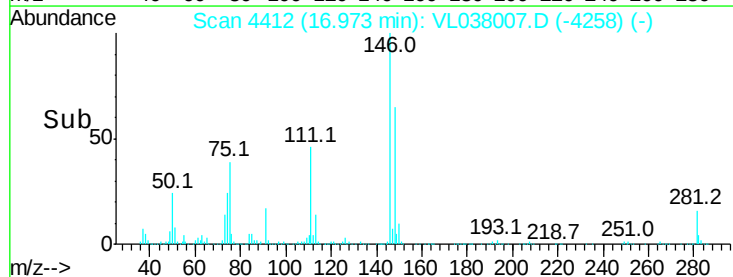
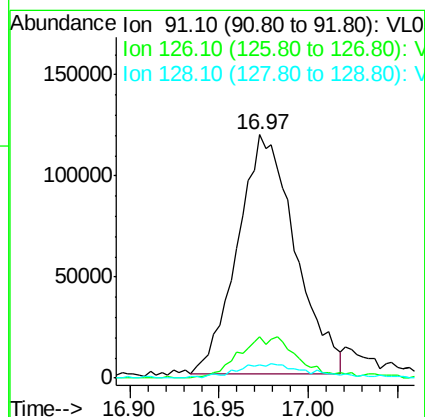
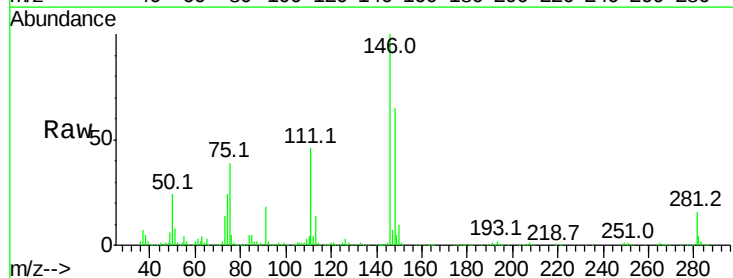
Manual Integrations
APPROVED

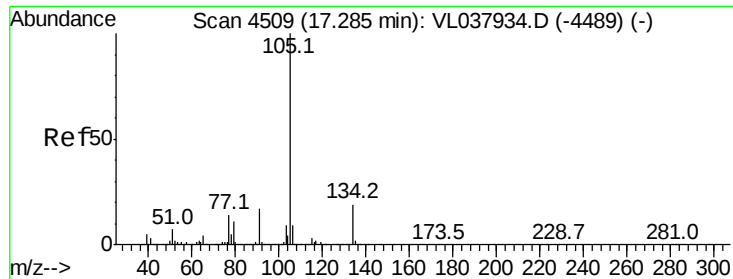
Reviewed By : Semsettin Yesilyurt 11/11/2021
Supervised By : Mahesh Dadoda 11/17/2021



#66
Benzyl Chloride
Concen: 9.621 ppbv
RT: 16.97 min Scan# 4412
Delta R.T.: -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion: 91 Resp: 265672
Ion Ratio Lower Upper
91 100
126 19.1 13.8 20.6
128 8.1 5.1 7.7#





#67

sec-Butylbenzene

Concen: 8.195 ppbv

RT: 17.28

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Ratio

105 100

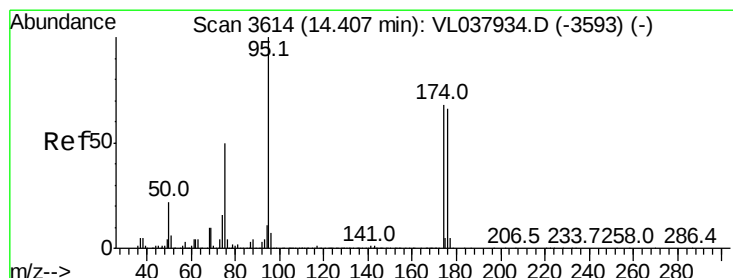
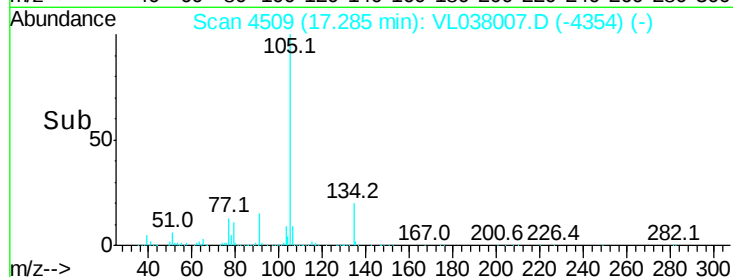
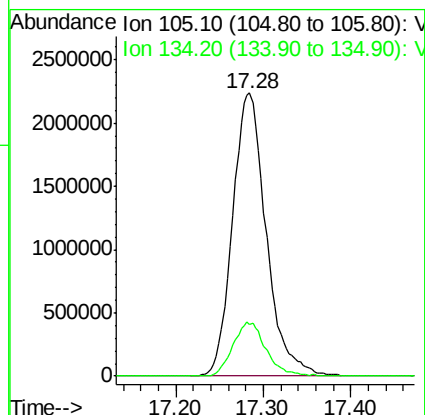
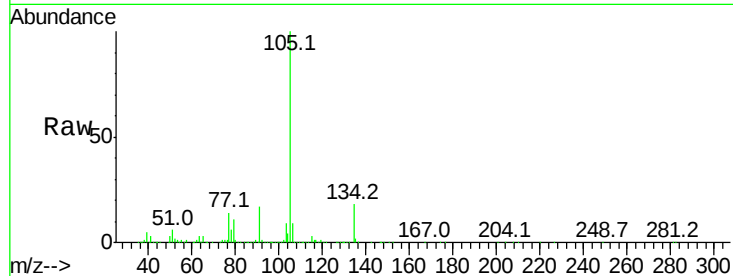
134 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.714 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

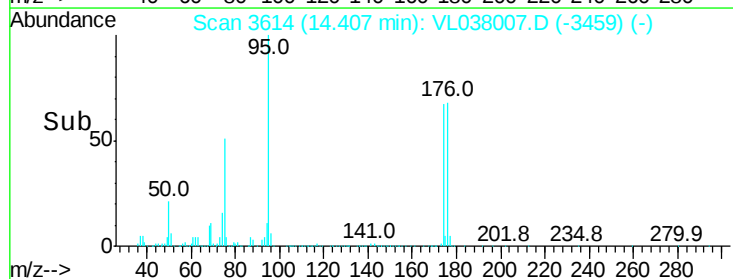
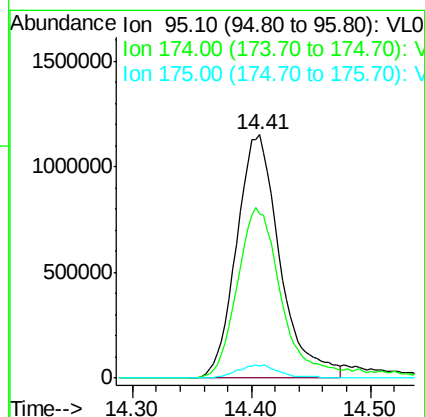
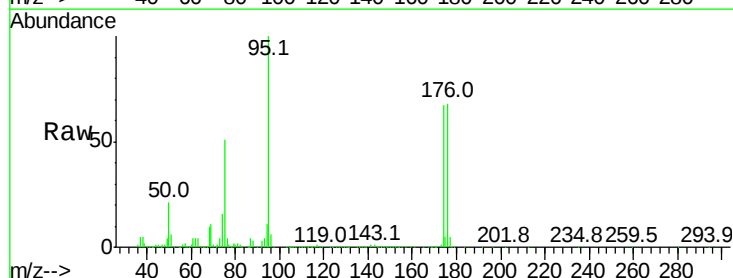
Tgt Ion: 95 Resp: 2909958

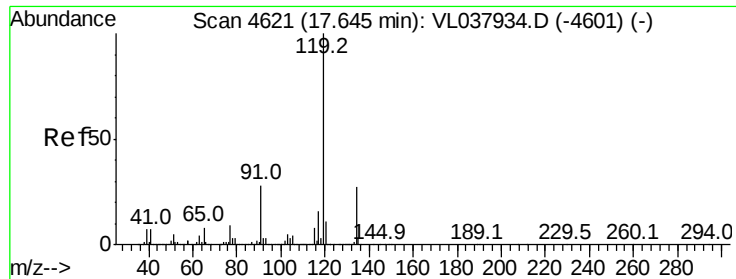
Ion Ratio Lower Upper

95 100

174 75.0 58.3 87.5

175 5.3 4.6 6.8



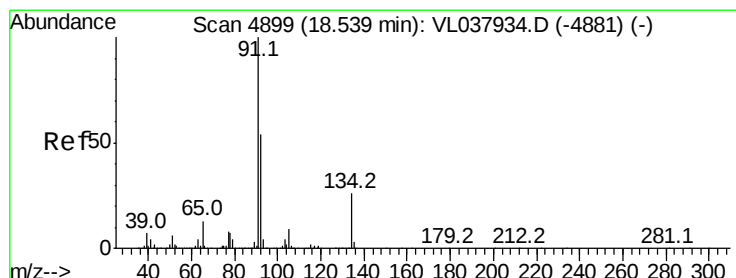
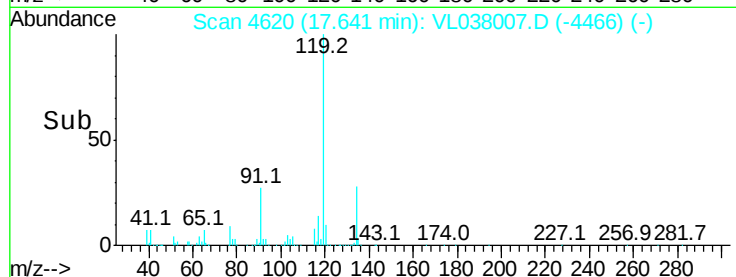
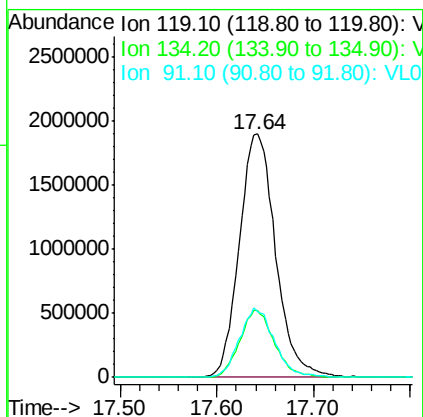
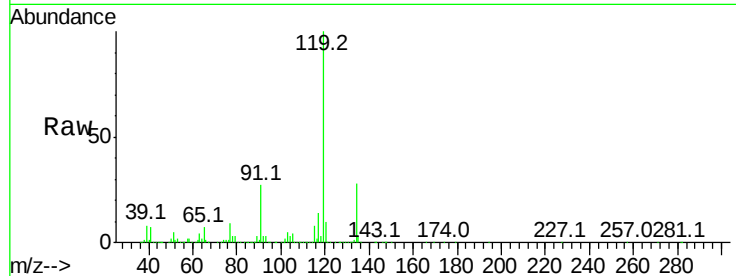


#69
 p-Isopropyltoluene
 Concen: 8.474 ppbv
 RT: 17.64 min
 Delta R.T.: 0.00 min
 Lab File: VSTDCCC010
 Acq: 10 Nov 2021 12:07

Tot Ion: 1
 Ion Ratio
 119 100
 134 26.1
 91 27.1

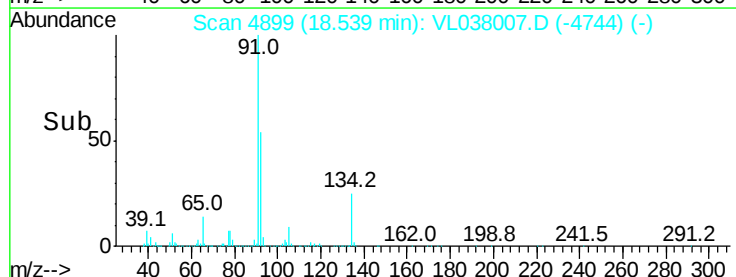
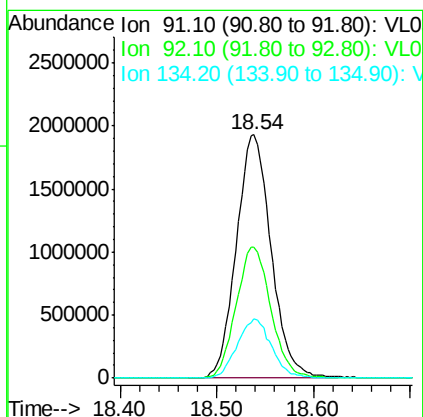
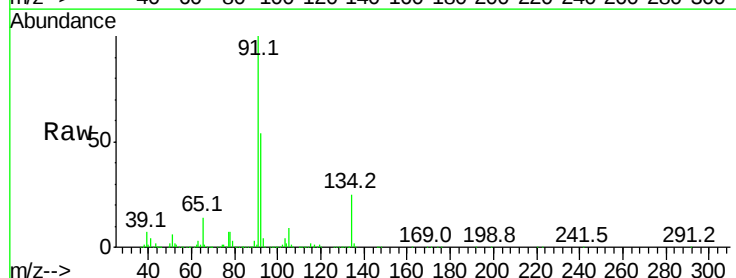
Manual Integrations
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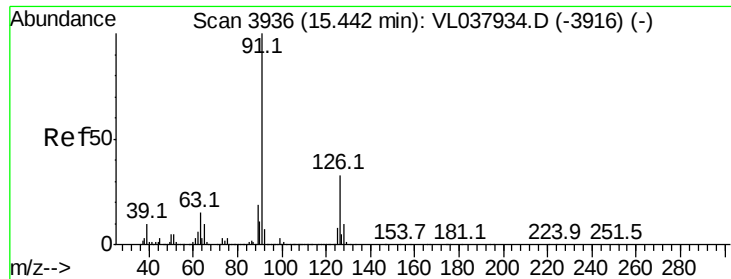
Reviewed By : Semsettin Yesilyurt 11/11/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#70
 n-Butylbenzene
 Concen: 8.978 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: -0.00 min
 Lab File: VL038007.D
 Acq: 10 Nov 2021 12:07

Tgt Ion: 91 Resp: 4818454
 Ion Ratio Lower Upper
 91 100
 92 54.3 43.6 65.4
 134 24.1 19.8 29.6



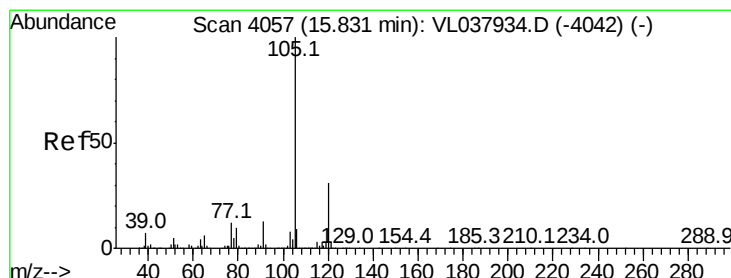
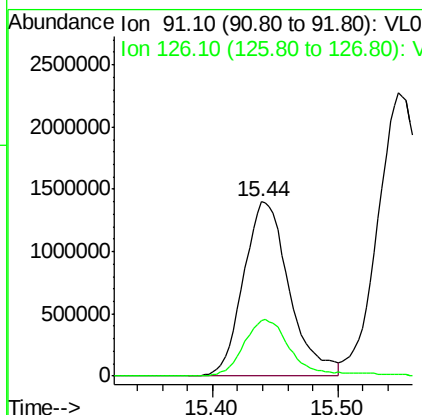
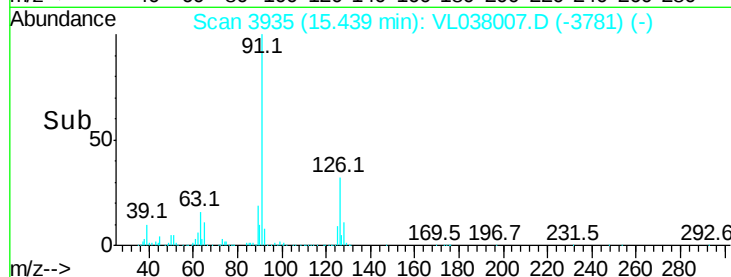
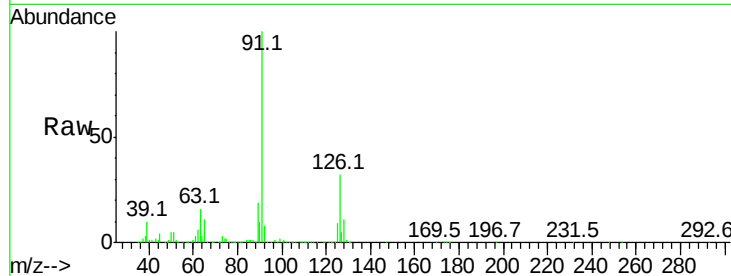


#71
 2-Chlorotoluene
 Concen: 8.497 ppbv
 RT: 15.44
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 10 Nov 2021 12:07

Tot Ion:
 Ion Ratio
 91 100
 126 34.

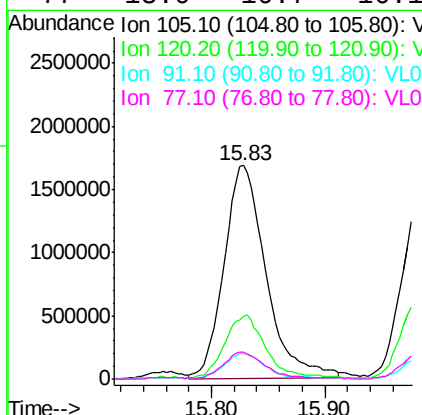
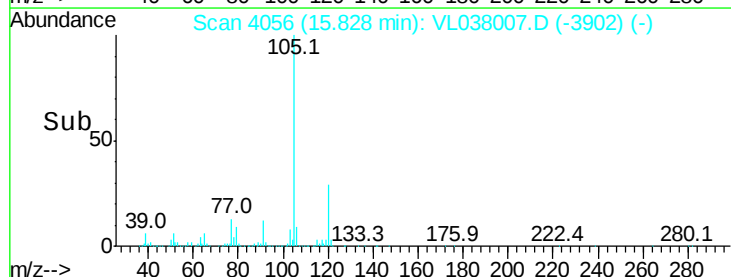
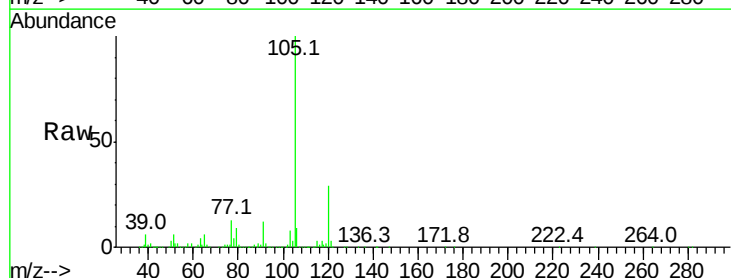
Manual Integrations
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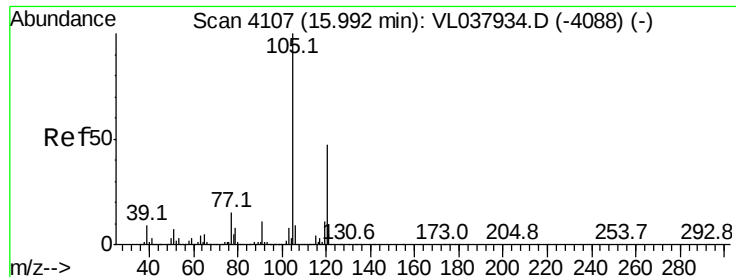
Reviewed By :Semsettin Yesilyurt 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#72
 4-Ethyltoluene
 Concen: 9.032 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.00 min
 Lab File: VL038007.D
 Acq: 10 Nov 2021 12:07

Tgt Ion:105 Resp: 4369935
 Ion Ratio Lower Upper
 105 100
 120 30.1 25.3 37.9
 91 11.5 9.9 14.9
 77 13.0 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 8.242 ppbv

RT: 15.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

105 100

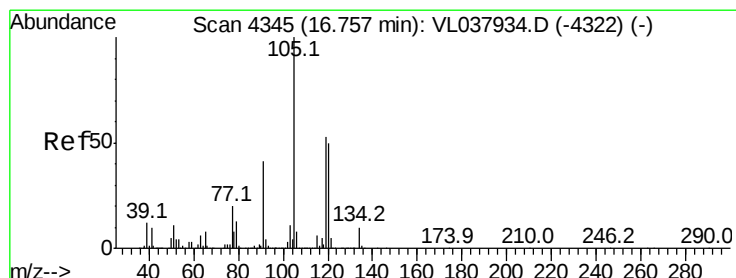
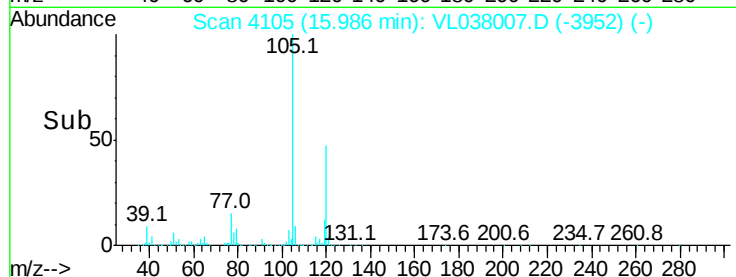
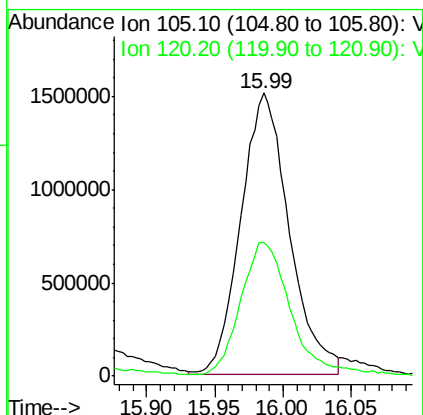
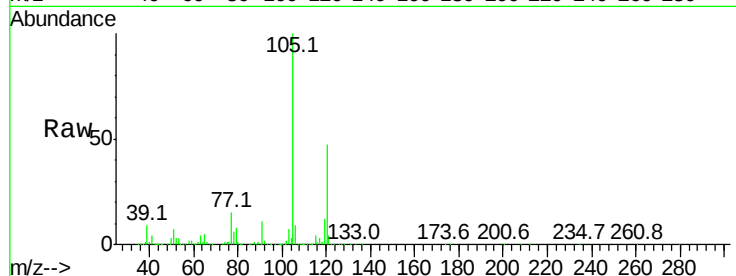
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.314 ppbv

RT: 16.75 min Scan# 4343

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

Tgt Ion:105 Resp: 3946491

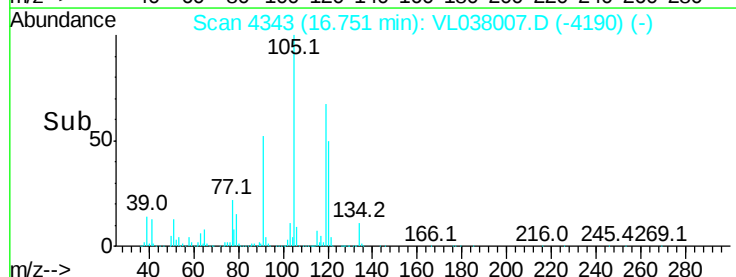
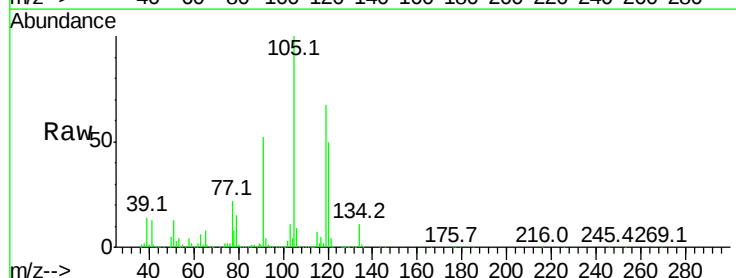
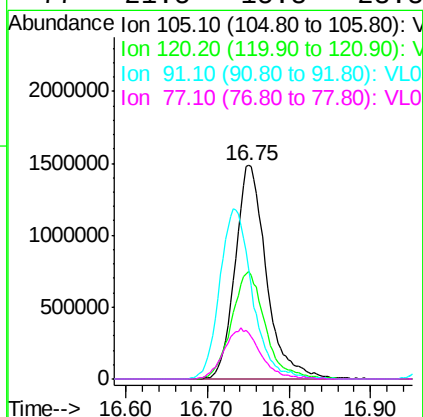
Ion Ratio Lower Upper

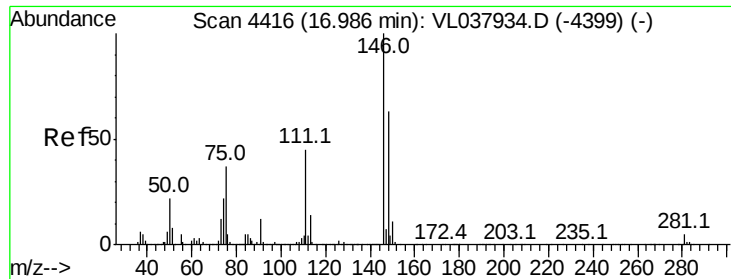
105 100

120 50.1 40.0 60.0

91 51.4 32.6 49.0#

77 21.5 15.8 23.8





#75

1,3-Dichlorobenzene

Concen: 7.834 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

146 100

111 45.

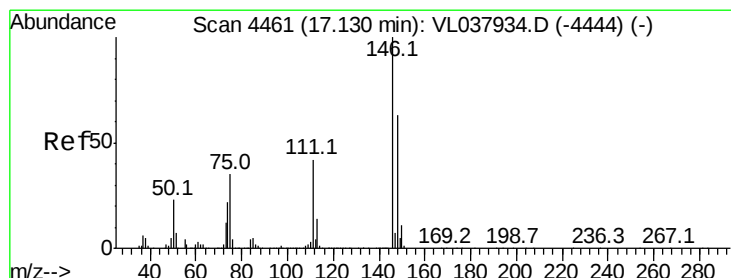
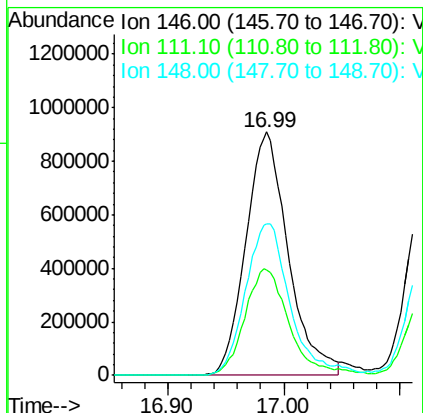
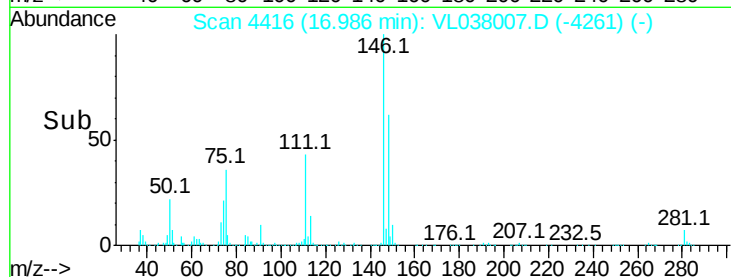
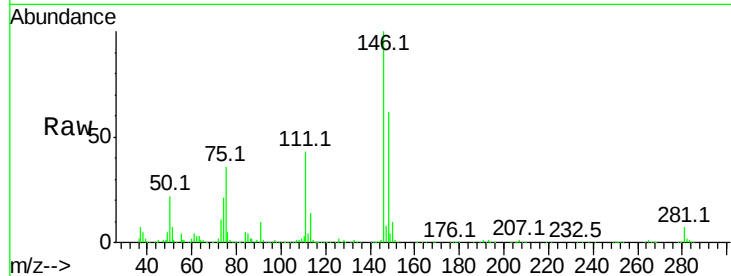
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 8.018 ppbv

RT: 17.12 min Scan# 4459

Delta R.T. -0.01 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

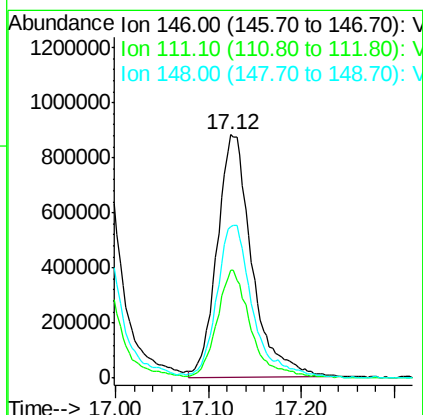
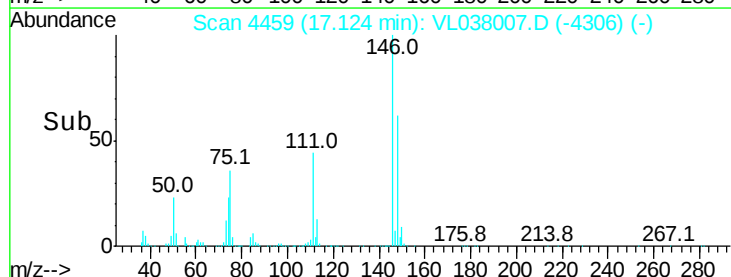
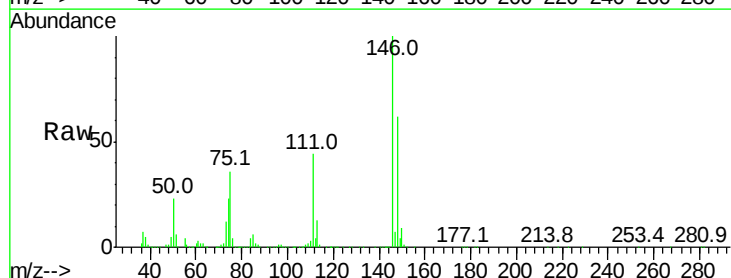
Tgt Ion:146 Resp: 2292894

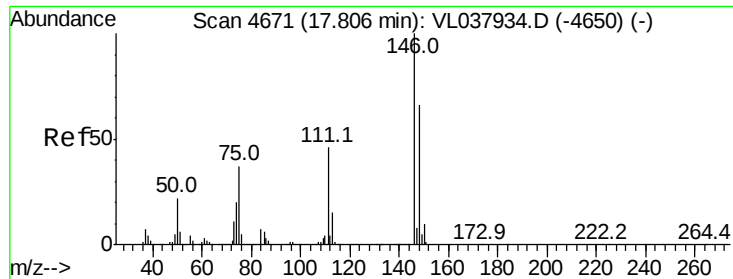
Ion Ratio Lower Upper

146 100

111 43.9 22.7 68.1

148 65.8 33.5 100.4





#77

1,2-Dichlorobenzene

Concen: 7.910 ppbv

RT: 17.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 10 Nov 2021 12:07

Tot Ion:1

Ion Rati

146 100

111 46.

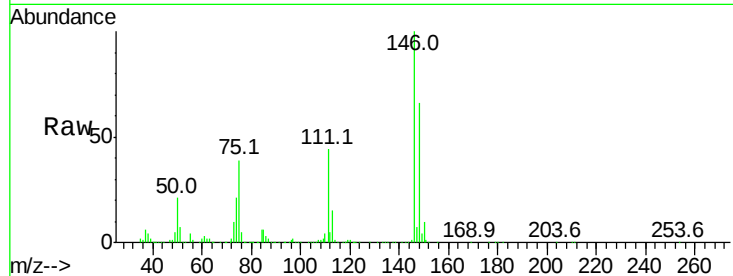
148 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2021

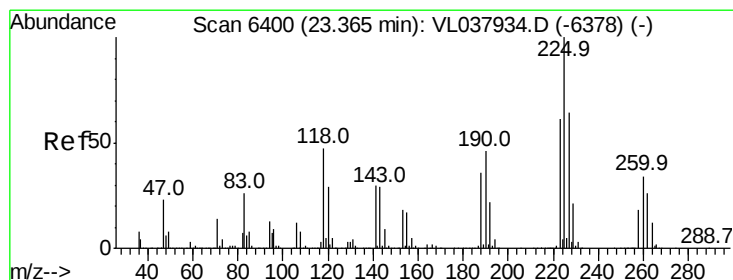
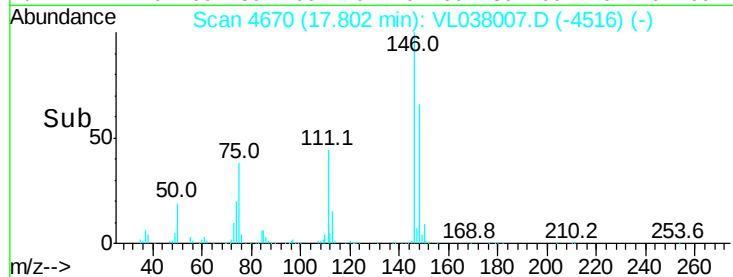
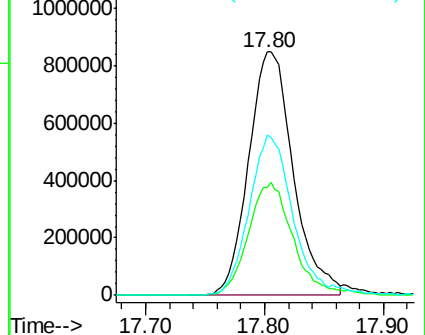
Supervised By :Mahesh Dadoda 11/17/2021



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: 7.793 ppbv

RT: 23.36 min Scan# 6400

Delta R.T. -0.00 min

Lab File: VL038007.D

Acq: 10 Nov 2021 12:07

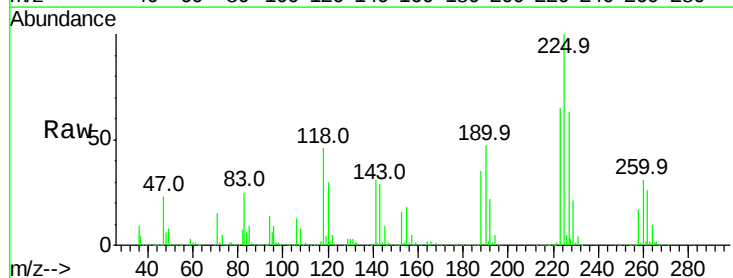
Tgt Ion:225 Resp: 1851037

Ion Ratio Lower Upper

225 100

223 63.7 50.0 75.0

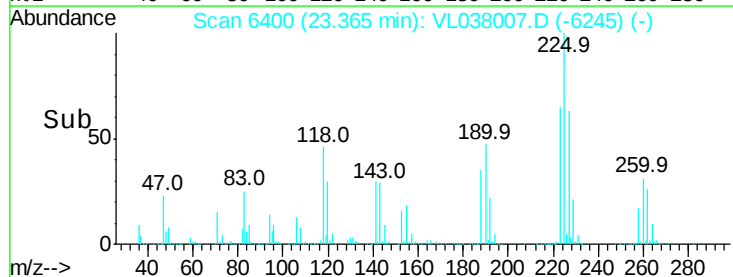
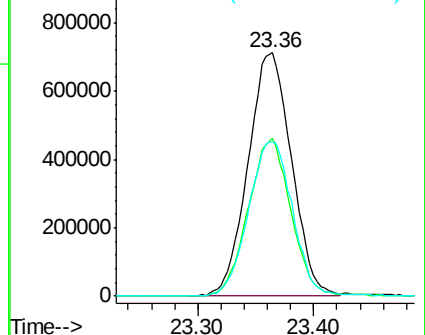
227 64.9 51.5 77.3

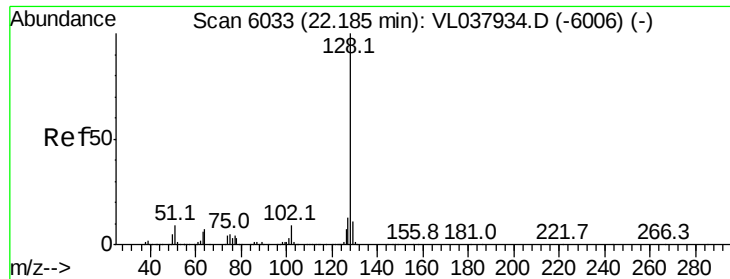


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



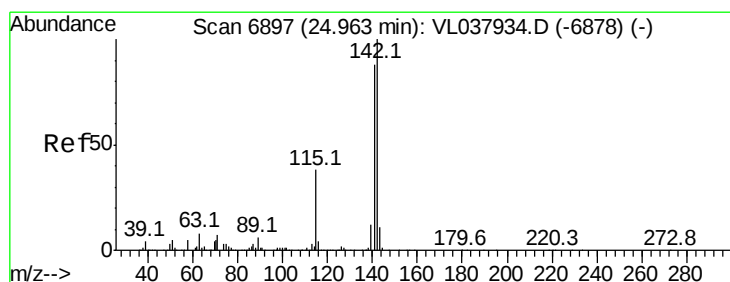
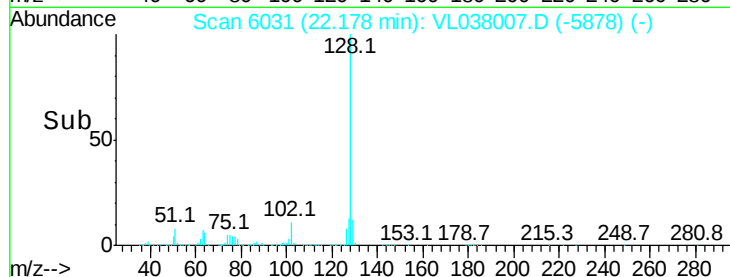
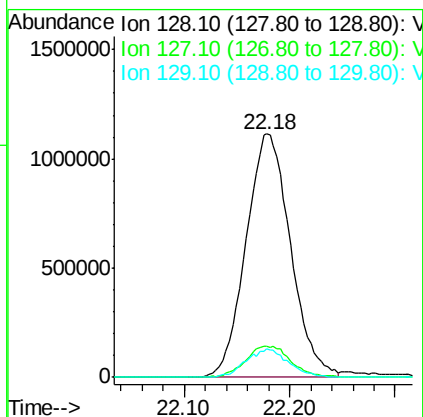
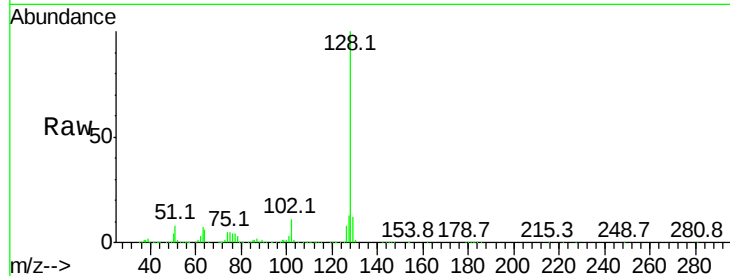


#79
Naphthalene
Concen: 11.937 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 10 Nov 2021 12:07

Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

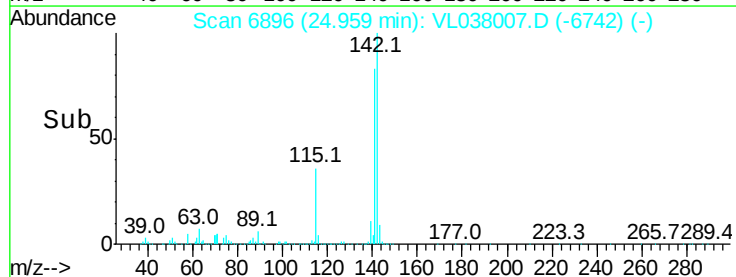
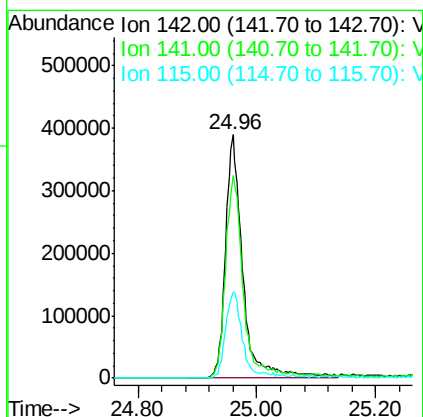
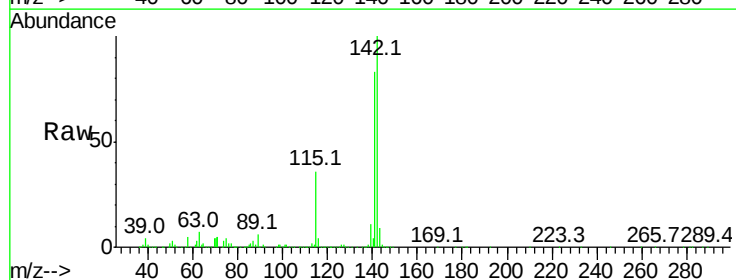
Manual Integrations
APPROVED

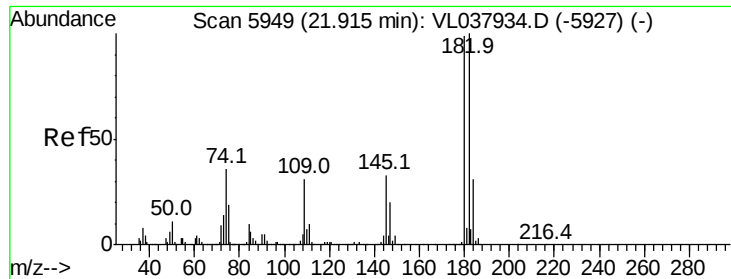
Reviewed By :Semsettin Yesilyurt 11/11/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
Naphthalene, 2-methyl-
Concen: 14.790 ppbv
RT: 24.96 min Scan# 6896
Delta R.T. -0.00 min
Lab File: VL038007.D
Acq: 10 Nov 2021 12:07

Tgt Ion:142 Resp: 787401
Ion Ratio Lower Upper
142 100
141 84.6 66.4 99.6
115 36.1 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.467 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 10 Nov 2021 12:07

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 30.

Manual Integrations
 APPROVED

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

