

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111621\
 Data File : VL038043.D
 Acq On : 16 Nov 2021 17:18
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Nov 17 07:42:56 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	865519	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2582071	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2427576m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1792128	10.22	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1203690	6.836	ppbv	99
3) Chlorodifluoromethane	2.99	51	1484313	6.597	ppbv	100
4) Chloromethane	3.14	50	486100	6.071	ppbv	96
5) Vinyl Chloride	3.26	62	475310	6.185	ppbv	96
6) Bromomethane	3.47	94	244822	5.960	ppbv	97
7) Chloroethane	3.55	64	163669	6.055	ppbv	99
8) Dichlorotetrafluoroethane	3.19	85	1105722	6.063	ppbv	99
9) Propene	3.01	41	508188	5.988	ppbv	99
10) Heptane	8.11	43	1277782	6.117	ppbv	99
11) Trichlorofluoromethane	3.94	101	1030449	5.923	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	745428	5.528	ppbv	98
13) Ethanol	3.60	45	55061m	7.319	ppbv	
14) Bromoethene	3.74	108	332571	5.899	ppbv	97
15) Acetone	3.84	43	549802	5.403	ppbv	99
16) 1,3-Butadiene	3.33	39	476307	6.321	ppbv	94
17) tert-Butyl alcohol	4.28	59	736088	5.386	ppbv	99
18) 1,1-Dichloroethene	4.28	96	333721	5.362	ppbv	98
19) Isopropyl Alcohol	3.96	45	401115	5.383	ppbv	# 41
20) Methylene Chloride	4.34	84	274673	4.602	ppbv	98
21) Allyl Chloride	4.40	41	526591	5.171	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	365011	5.813	ppbv	99
23) Vinyl Acetate	5.06	43	907212	5.383	ppbv	99
24) 1,1-Dichloroethane	5.00	63	733424	5.579	ppbv	99
25) Ethyl Acetate	5.67	43	1821873	7.611	ppbv	99
26) Hexane	5.68	57	922535	7.671	ppbv	95
27) Carbon Disulfide	4.54	76	872508	5.532	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	753111	4.883	ppbv	98
29) Chloroform	5.74	83	1356764	7.490	ppbv	99
30) Cyclohexane	7.12	84	825090	6.092	ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	882967	8.868	ppbv	99
32) 1,1,1-Trichloroethane	6.50	97	1408662	6.129	ppbv	99
34) 2-Butanone	5.24	43	774433	9.093	ppbv	99
35) Carbon Tetrachloride	7.01	117	1431145	8.019	ppbv	98
36) Benzene	6.88	78	1996871	8.130	ppbv	98
37) 1,2-Dichloroethane	6.29	62	1002032	8.789	ppbv	99
38) Trichloroethene	7.82	130	713716	7.153	ppbv	98
39) 1,2-Dichloropropane	7.60	63	780043	8.216	ppbv	98
40) 1,4-Dioxane	7.82	88	185514	7.577	ppbv	# 100
41) Tetrahydrofuran	6.04	42	435711	7.130	ppbv	97
42) Bromodichloromethane	7.78	83	1516252	8.448	ppbv	100
43) Methyl Methacrylate	8.00	69	760110	8.676	ppbv	100

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3251185	7.705	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	531722	7.328	ppbv	98
46) cis-1,3-Dichloropropene	8.69	75	722650	7.621	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	812353	8.424	ppbv	97
48) Dibromochloromethane	10.29	129	1323393	8.440	ppbv	100
49) Bromoform	13.02	173	1028834	8.504	ppbv	99
50) 4-Methyl-2-Pentanone	8.73	43	1291093	8.407	ppbv	100
51) 2-Hexanone	10.12	43	665284	9.278	ppbv #	100
52) Tetrachloroethene	11.21	164	679291	7.326	ppbv	96
53) Toluene	9.79	91	2325662	8.097	ppbv	100
54) 1,2-Dibromoethane	10.59	107	1164016	8.615	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.11	131	875619	8.261	ppbv	97
57) Chlorobenzene	12.13	112	1677818	8.429	ppbv	98
58) Ethyl Benzene	12.69	91	3061938	8.305	ppbv	98
59) m/p-Xylene	12.98	91	4996434m	16.308	ppbv	
60) o-Xylene	13.67	91	2268005	7.975	ppbv	100
61) Styrene	13.51	104	1331880	8.399	ppbv	98
62) Isopropylbenzene	14.65	105	3395906	8.259	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1686146	7.930	ppbv	99
64) n-propylbenzene	15.55	120	907649	8.659	ppbv	99
65) tert-Butylbenzene	16.73	119	2937069	8.140	ppbv	99
66) Benzyl Chloride	16.97	91	117763m	4.674	ppbv	
67) sec-Butylbenzene	17.27	105	4145954	8.318	ppbv	99
69) p-Isopropyltoluene	17.64	119	3440563	8.563	ppbv	99
70) n-Butylbenzene	18.53	91	3422640	9.292	ppbv	99
71) 2-Chlorotoluene	15.43	91	2546962	8.654	ppbv	98
72) 4-Ethyltoluene	15.82	105	2865115	8.449	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2604782	8.398	ppbv	98
74) 1,2,4-Trimethylbenzene	16.74	105	2621530	8.395	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	1586463	9.205	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	1547329	8.764	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	1541505	9.327	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1011699	9.437	ppbv	99
79) Naphthalene	22.17	128	2103552	12.279	ppbv	99
80) Naphthalene, 2-methyl-	24.95	142	552293	17.075	ppbv	91
81) 1,2,4-Trichlorobenzene	21.90	180	1109276	11.450	ppbv	96

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

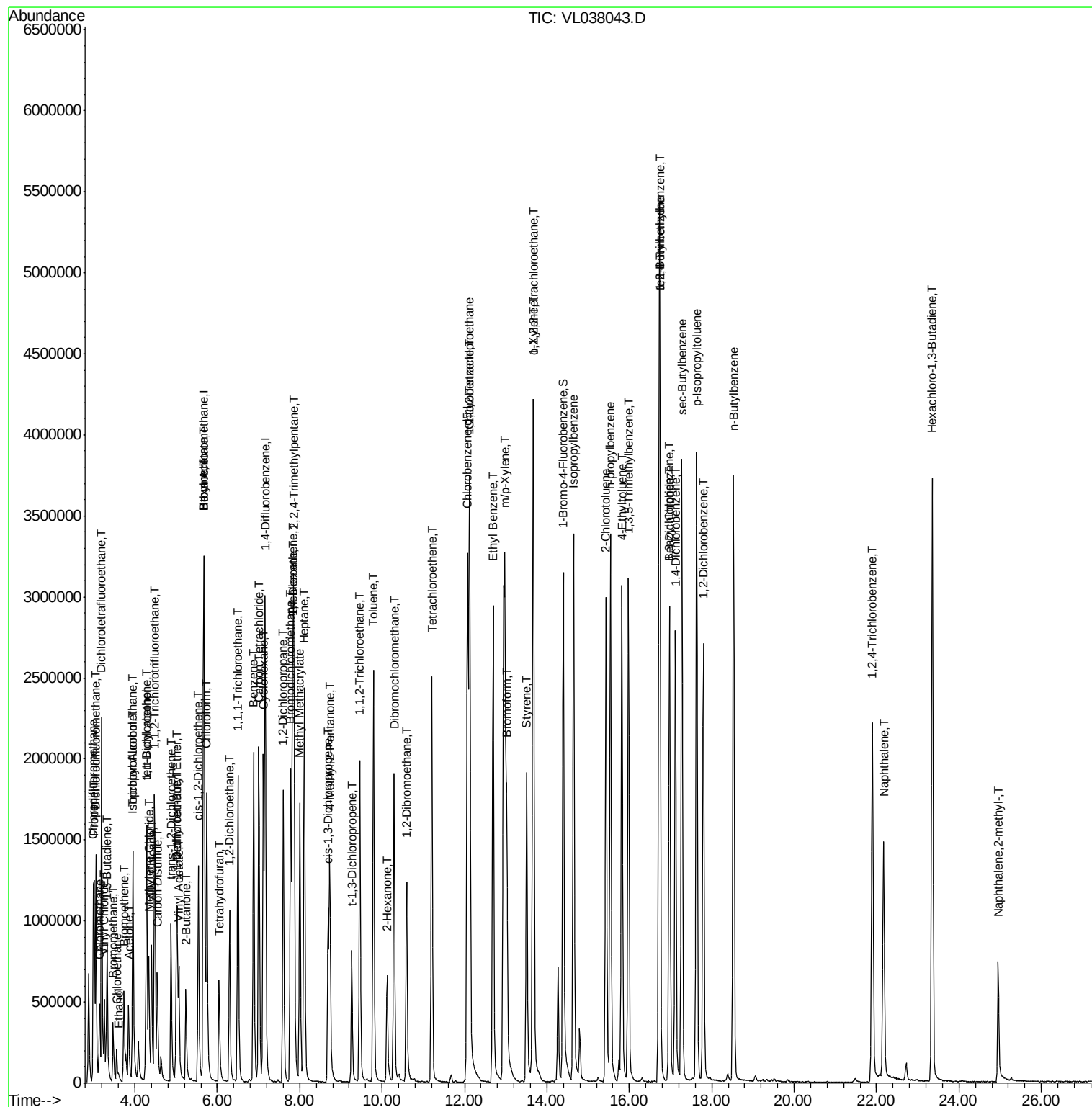
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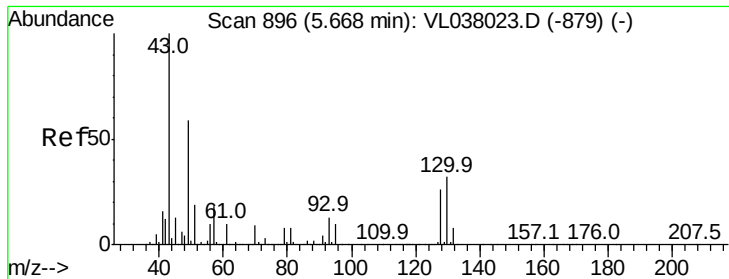
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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Supervised By :Mahesh Dadoda 11/17/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 52.

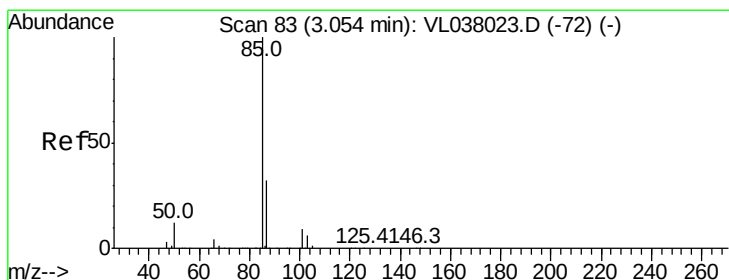
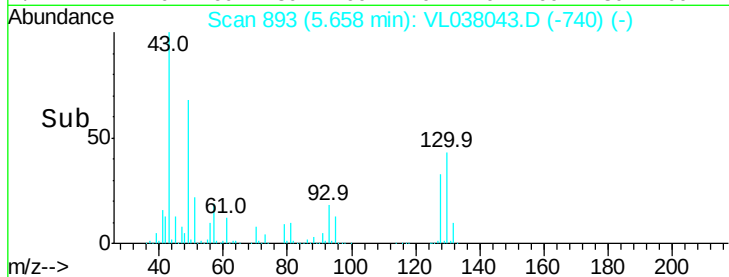
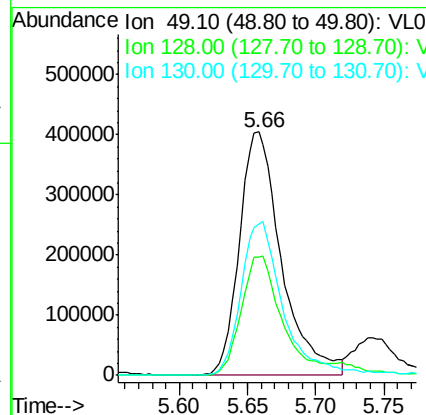
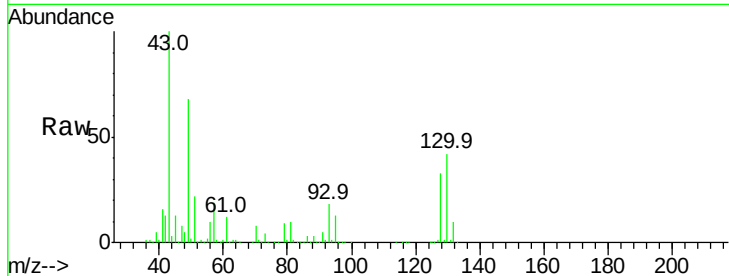
130 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#2

Dichlorodifluoromethane

Concen: 6.836 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL038043.D

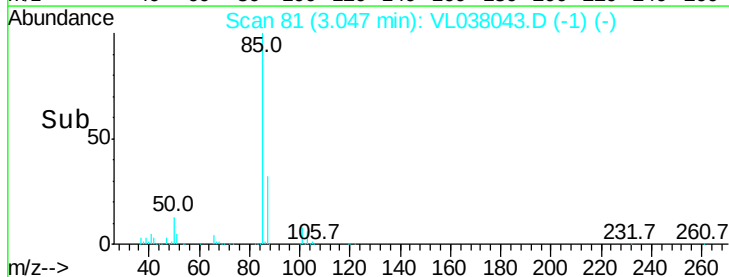
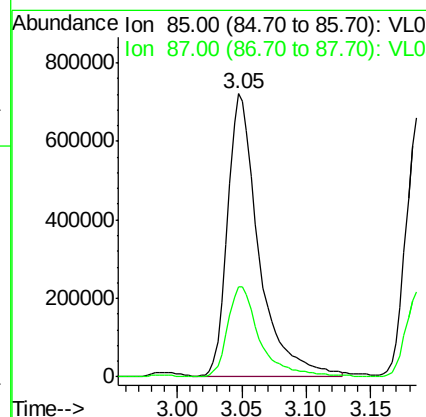
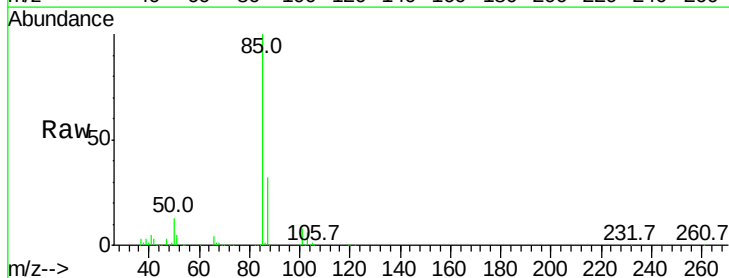
Acq: 16 Nov 2021 17:18

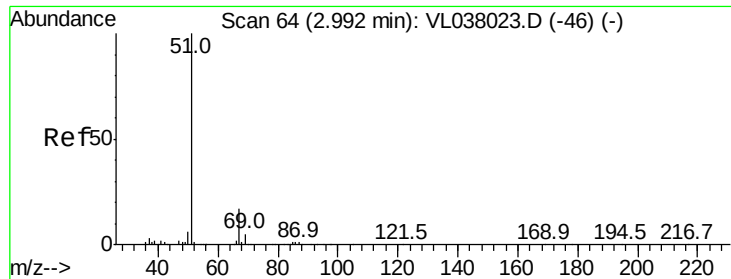
Tgt Ion: 85 Resp: 1203690

Ion Ratio Lower Upper

85 100

87 32.0 25.9 38.9





#3

Chlorodifluoromethane

Concen: 6.597 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion:

Ion Ratio

51 100

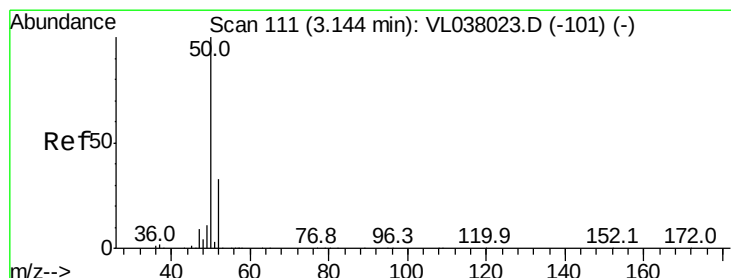
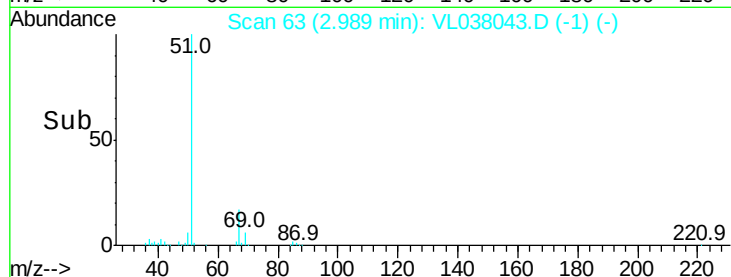
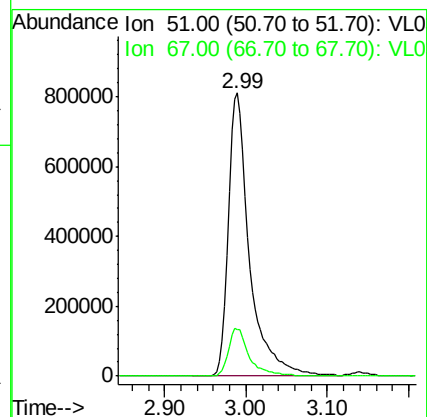
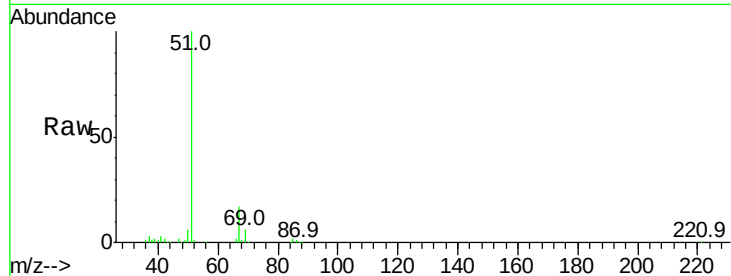
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#4

Chloromethane

Concen: 6.071 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL038043.D

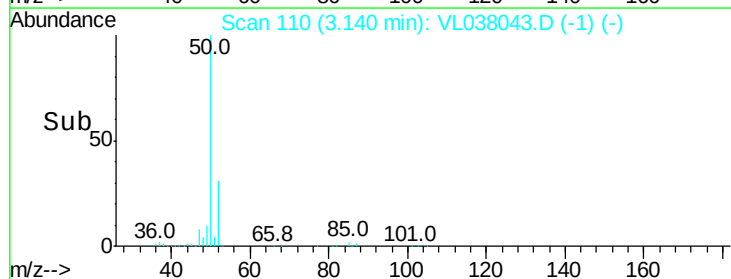
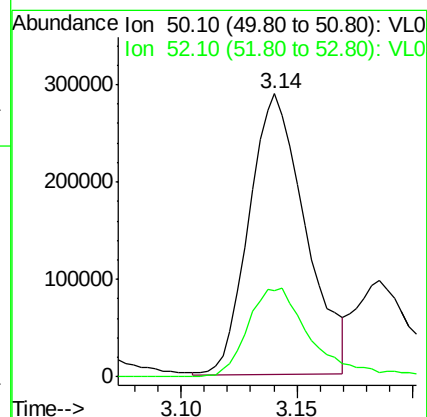
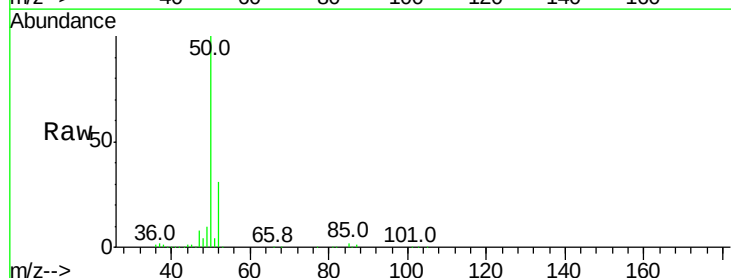
Acq: 16 Nov 2021 17:18

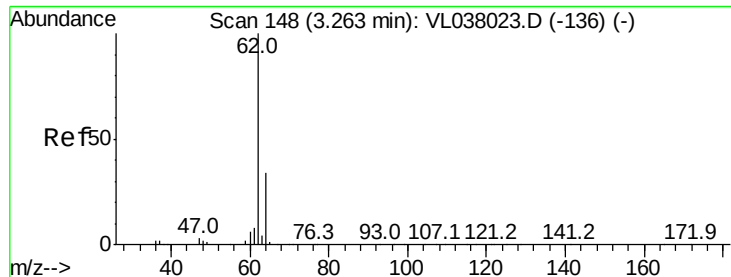
Tgt Ion: 50 Resp: 486100

Ion Ratio Lower Upper

50 100

52 31.0 26.4 39.6





#5

Vinyl Chloride

Concen: 6.185 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

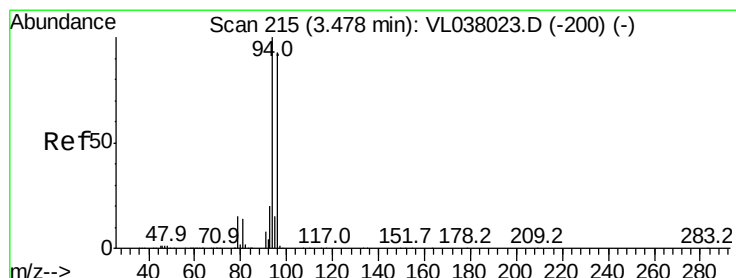
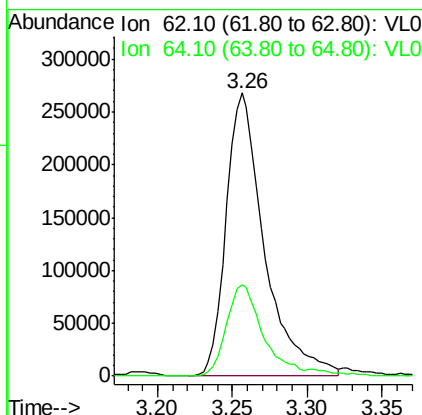
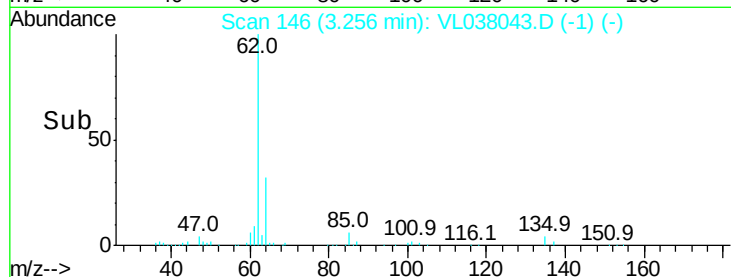
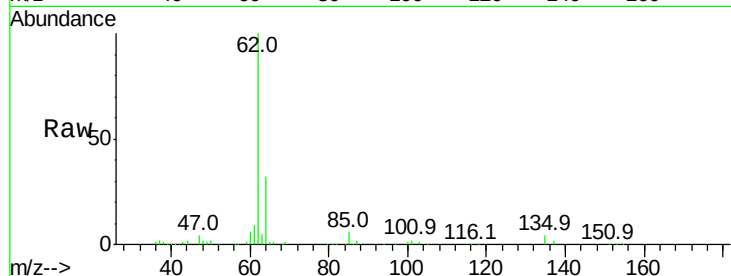
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#6

Bromomethane

Concen: 5.960 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.01 min

Lab File: VL038043.D

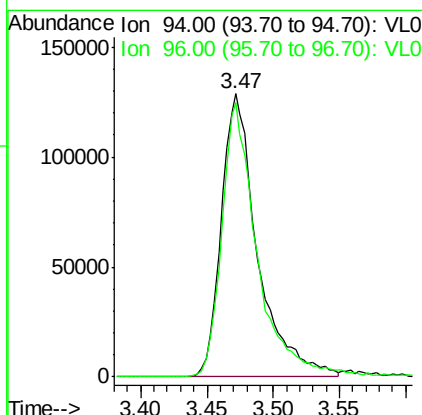
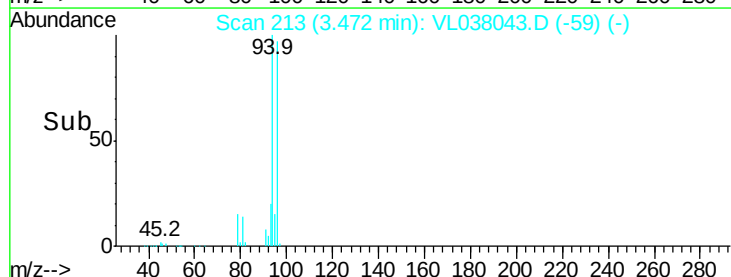
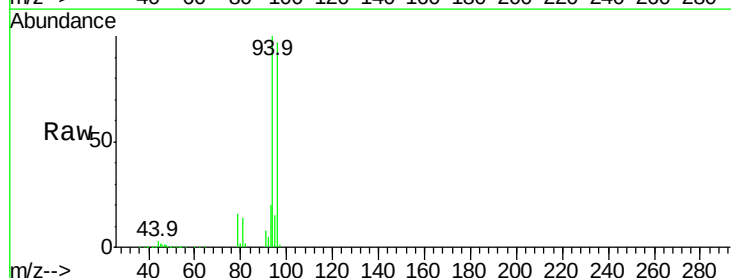
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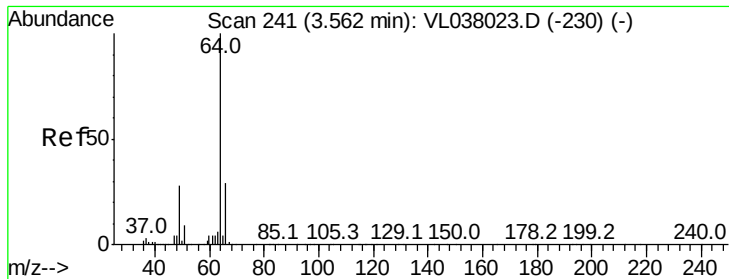
Tgt Ion: 94 Resp: 244822

Ion Ratio Lower Upper

94 100

96 96.8 74.8 112.2





#7

Chloroethane

Concen: 6.055 ppbv

RT: 3.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

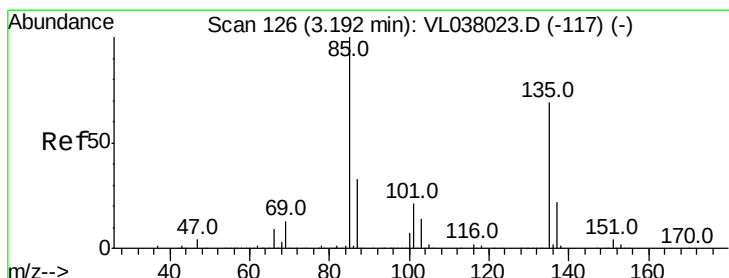
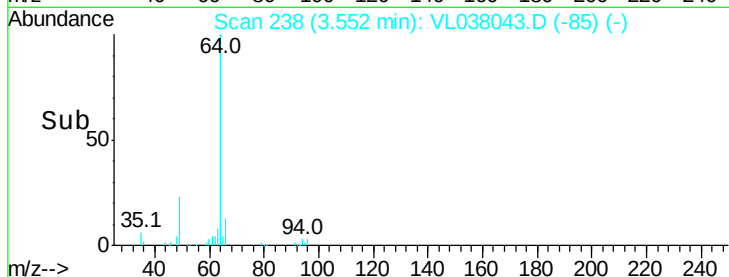
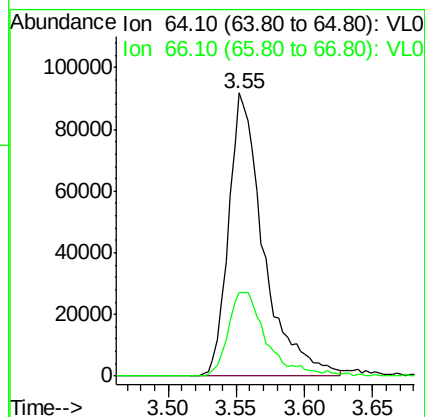
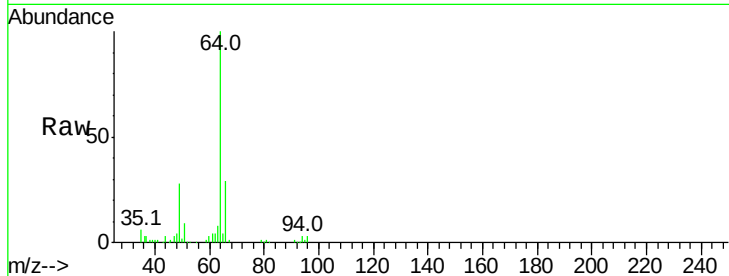
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#8

Dichlorotetrafluoroethane

Concen: 6.063 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL038043.D

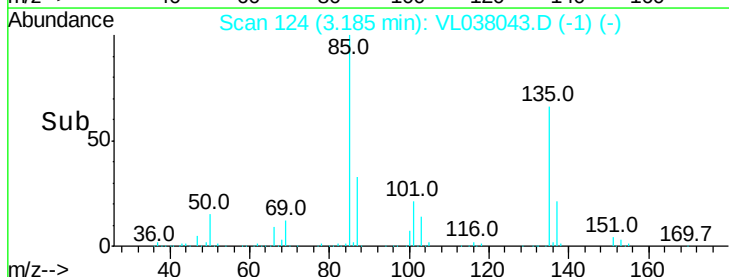
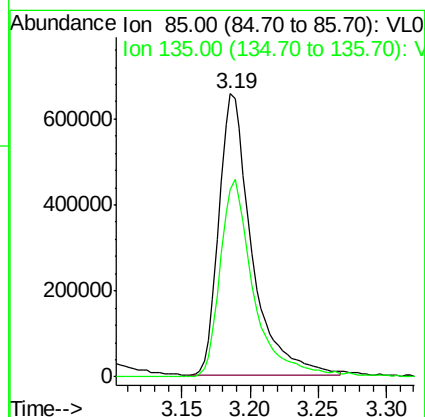
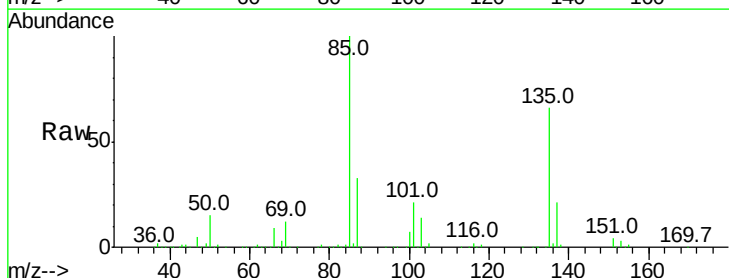
Acq: 16 Nov 2021 17:18

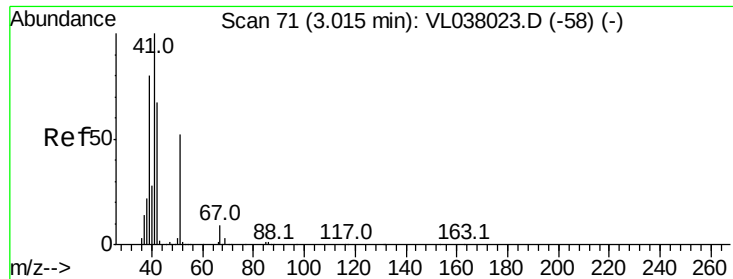
Tgt Ion: 85 Resp: 1105722

Ion Ratio Lower Upper

85 100

135 72.0 57.0 85.6



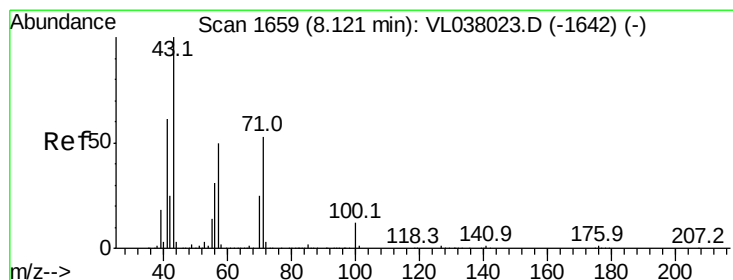
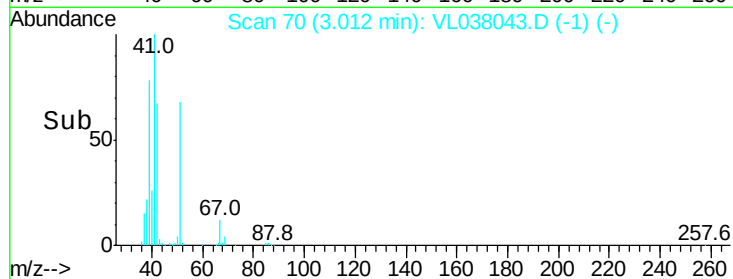
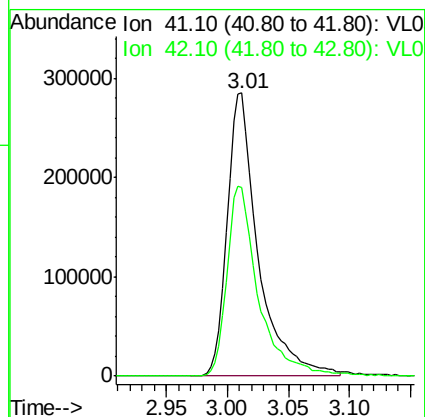
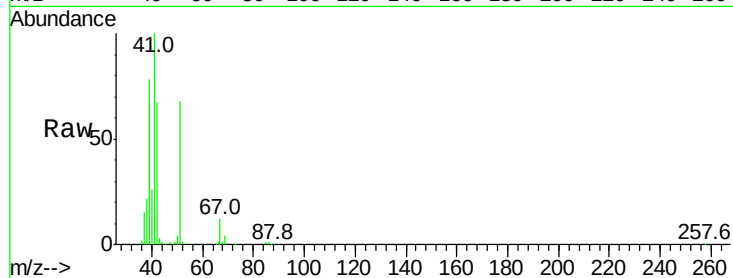


#9
 Propene
 Concen: 5.988 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 16 Nov 2021 17:18

Tot Ion:
 Ion Ratio
 41 100
 42 68.

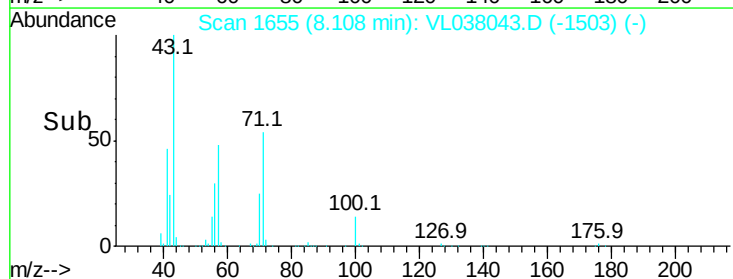
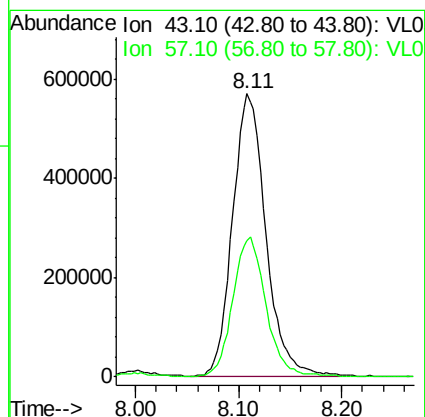
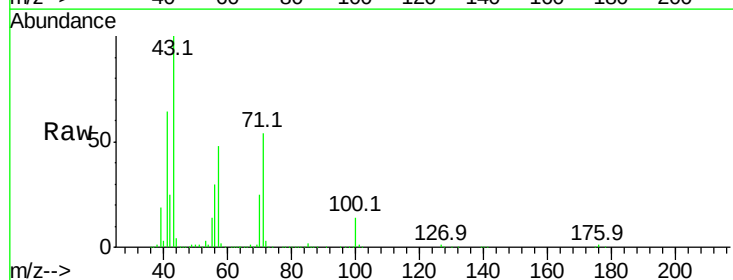
Manual Integrations
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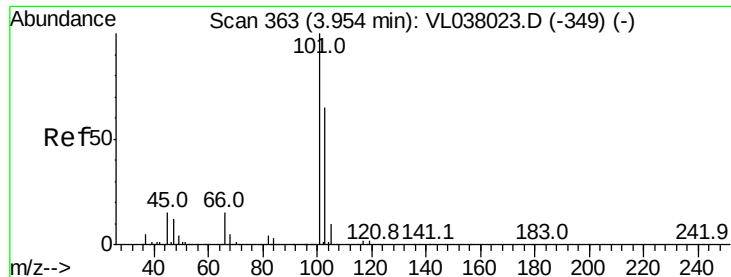
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 6.117 ppbv
 RT: 8.11 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 43 Resp: 1277782
 Ion Ratio Lower Upper
 43 100
 57 49.5 40.2 60.2



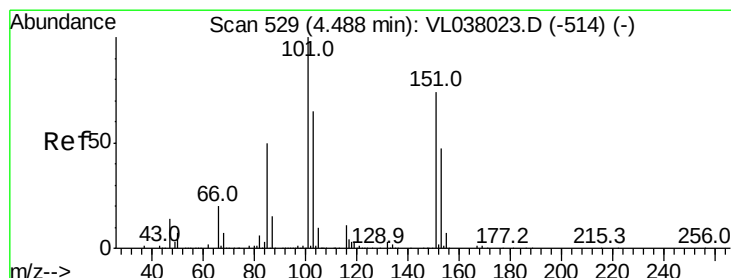
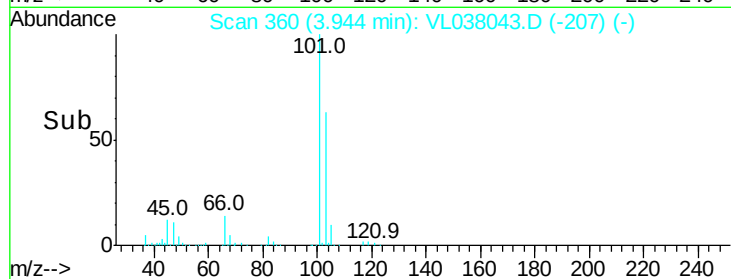
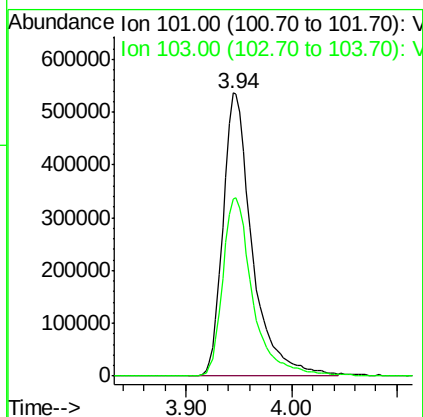
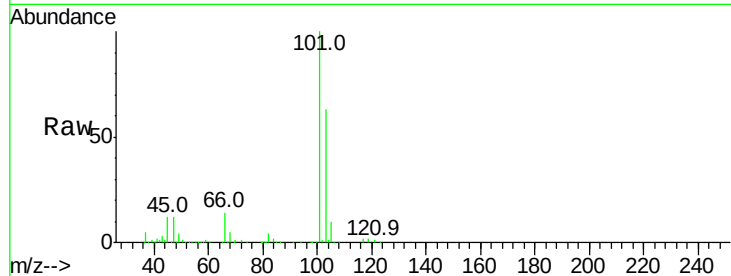


#11
 Trichlorofluoromethane
 Concen: 5.923 ppbv
 RT: 3.94
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 16 Nov 2021 17:18

Tot Ion:1
 Ion Rati
 101 100
 103 62.

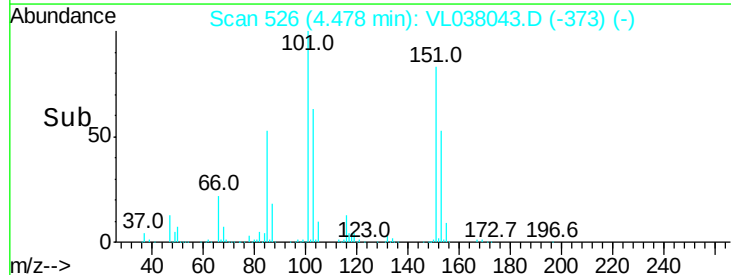
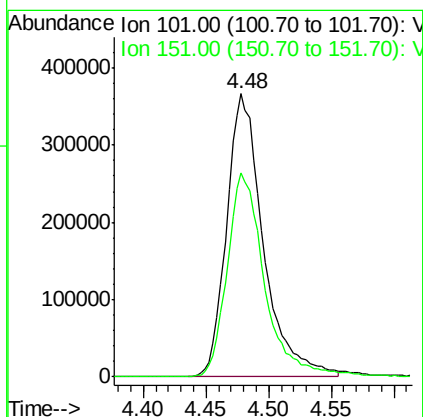
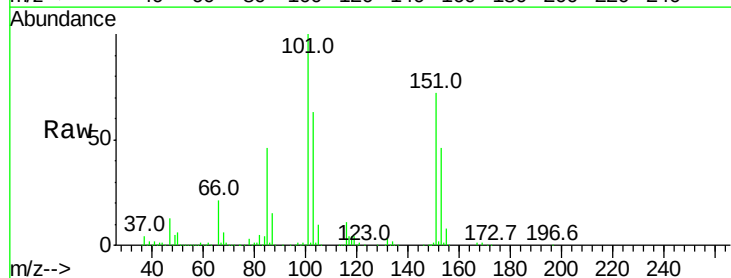
Manual Integrations
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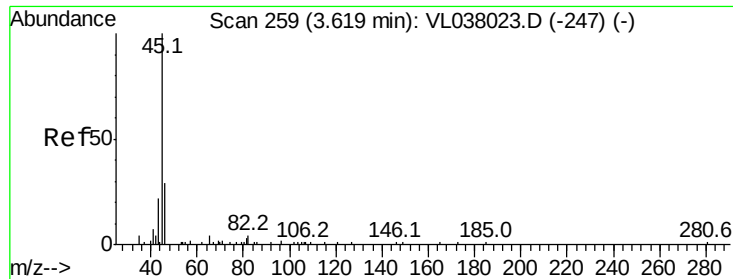
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.528 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:101 Resp: 745428
 Ion Ratio Lower Upper
 101 100
 151 73.7 57.8 86.8



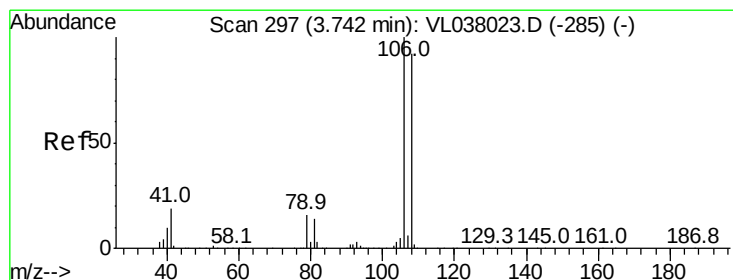
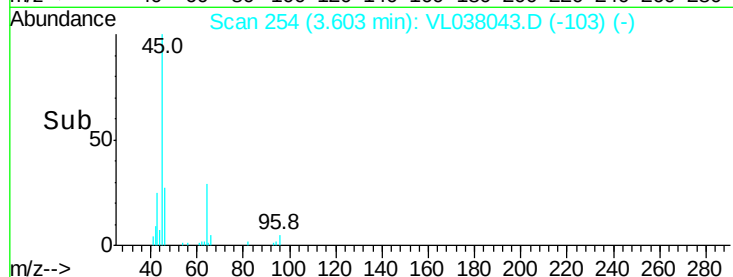
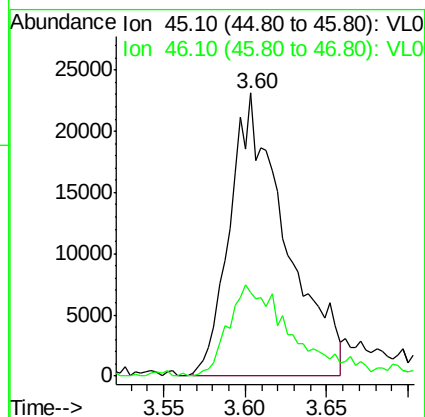
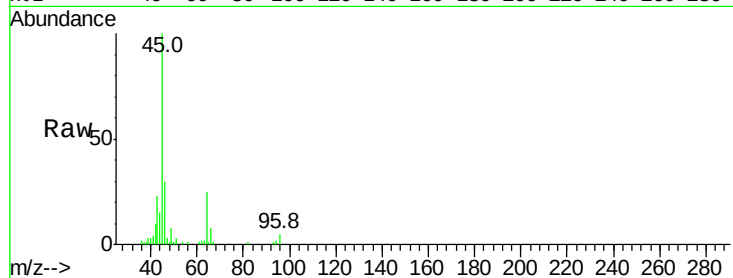


#13
Ethanol
Concen: 7.319 ppbv m
RT: 3.60
Instrument: MSVOA_1
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:
Ion Ratio
45 100
46 0.

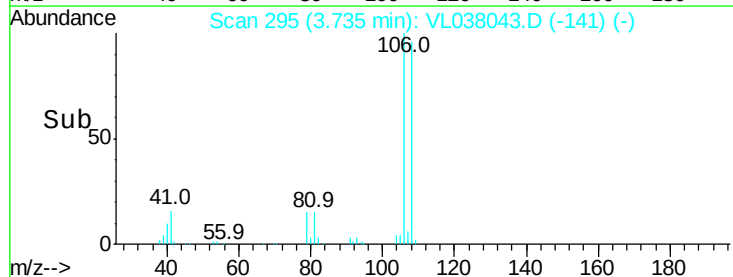
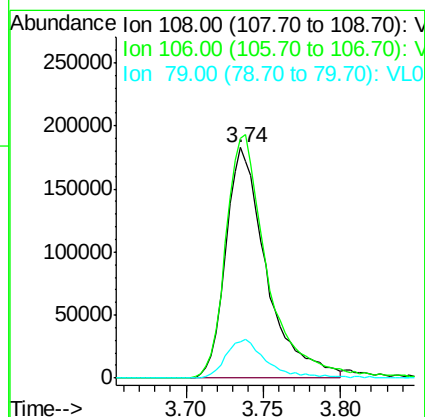
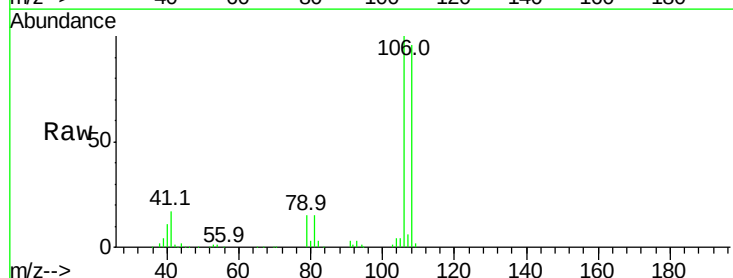
Manual Integrations
APPROVED

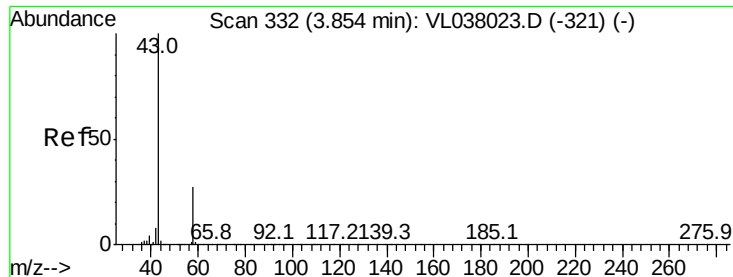
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 5.899 ppbv
RT: 3.74 min Scan# 295
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion:108 Resp: 332571
Ion Ratio Lower Upper
108 100
106 109.3 90.4 135.6
79 17.4 14.5 21.7





#15

Acetone

Concen: 5.403 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

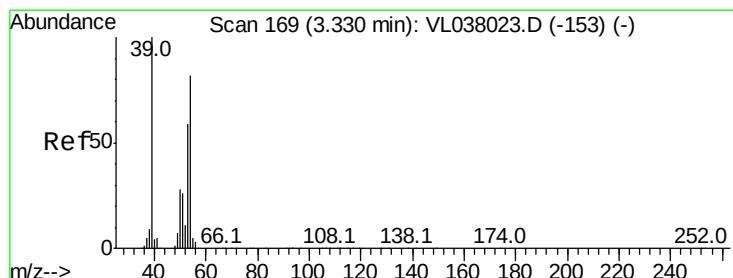
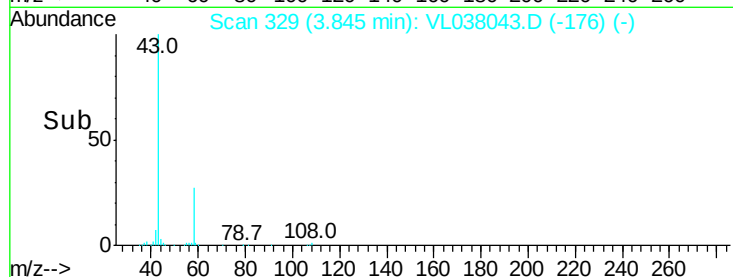
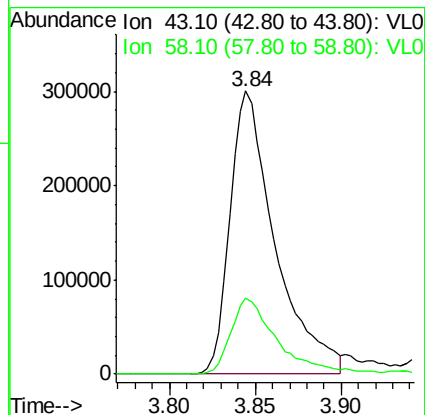
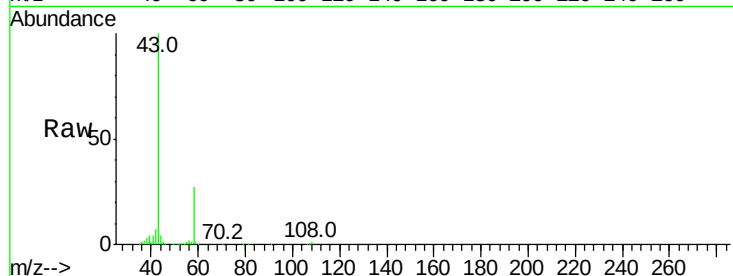
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#16

1,3-Butadiene

Concen: 6.321 ppbv

RT: 3.33 min Scan# 168

Delta R.T. -0.00 min

Lab File: VL038043.D

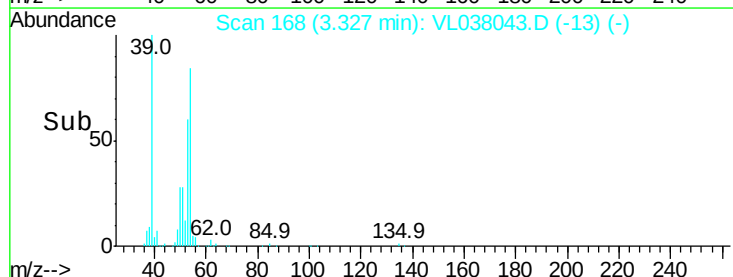
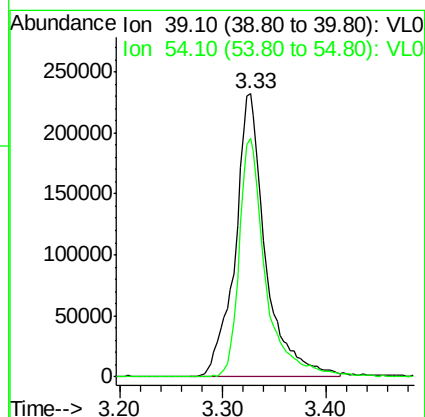
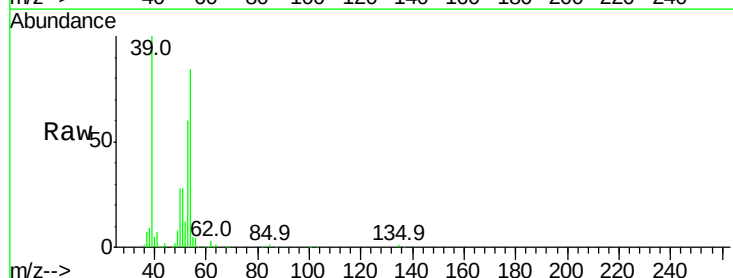
Acq: 16 Nov 2021 17:18

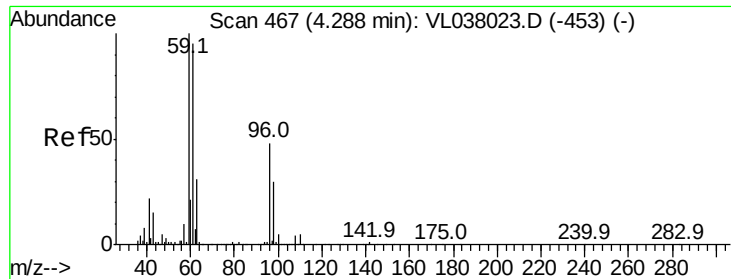
Tgt Ion: 39 Resp: 476307

Ion Ratio Lower Upper

39 100

54 73.9 63.7 95.5





#17

tert-Butyl alcohol

Concen: 5.386 ppbv

RT: 4.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18

Tot Ion:

Ion Ratio

59 100

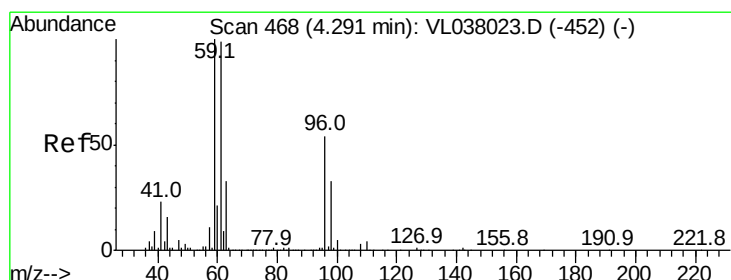
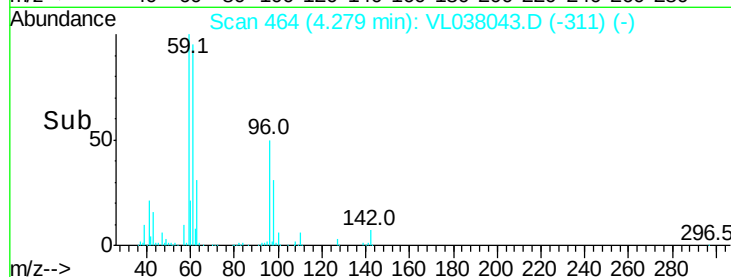
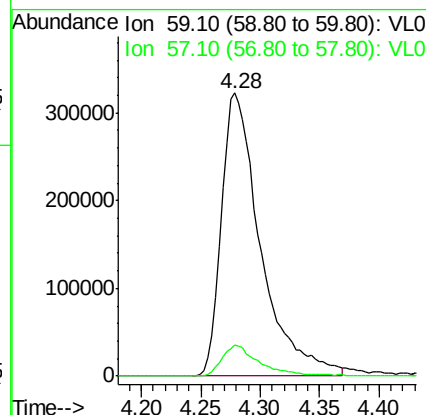
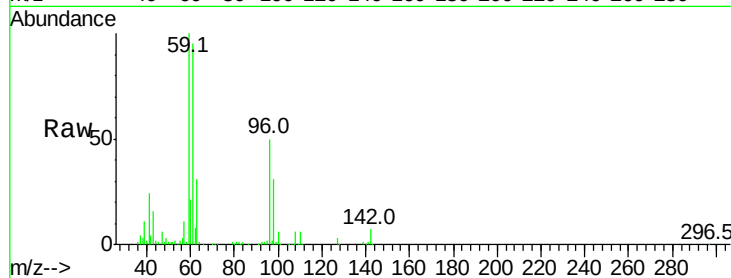
57 11.

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: 5.362 ppbv

RT: 4.28 min Scan# 465

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

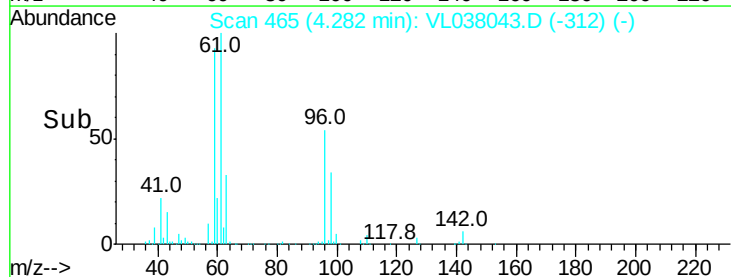
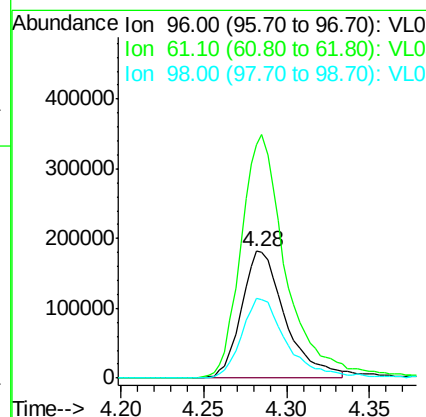
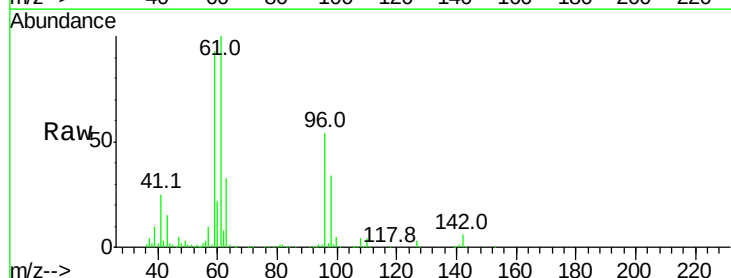
Tgt Ion: 96 Resp: 333721

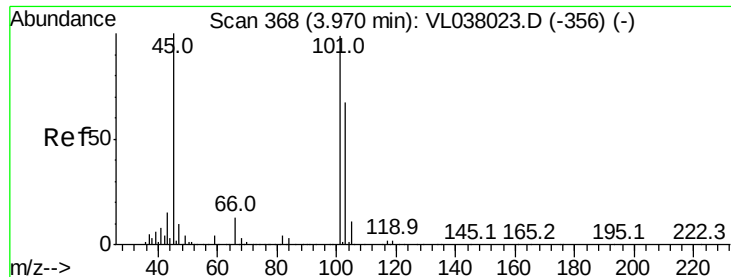
Ion Ratio Lower Upper

96 100

61 184.2 145.2 217.8

98 62.4 48.8 73.2





#19

Isopropyl Alcohol

Concen: 5.383 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCC010EC

Tot Ion:

Ion Ratio

45 100

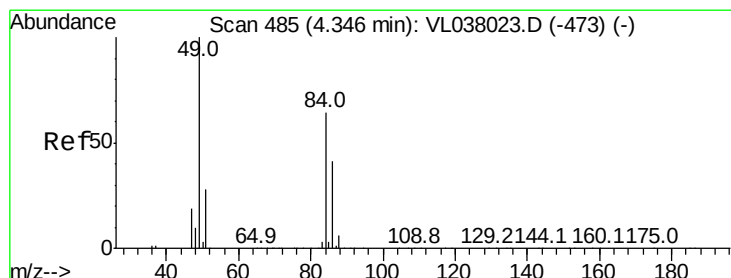
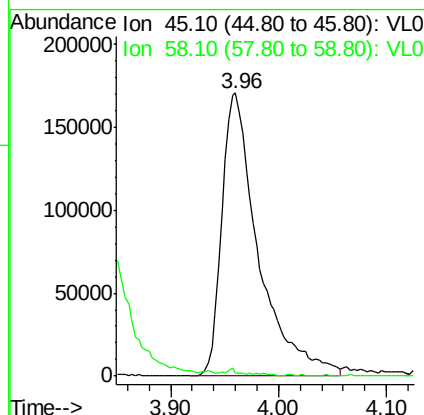
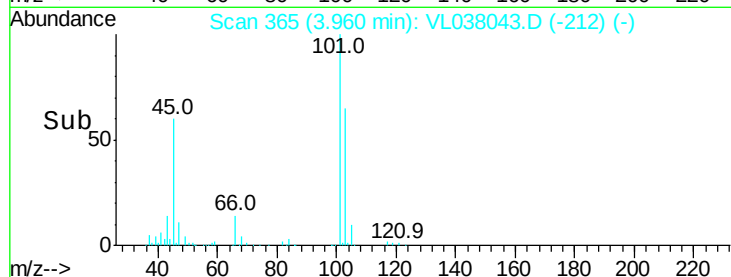
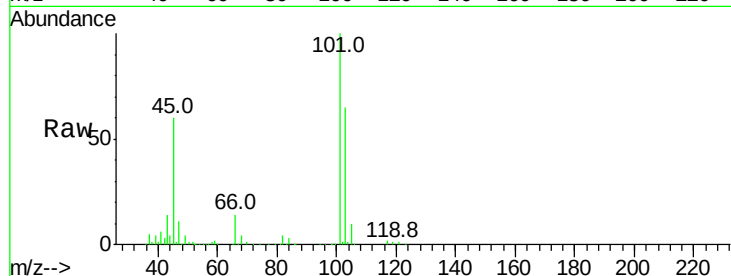
58 1.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 4.602 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 84 Resp: 274673

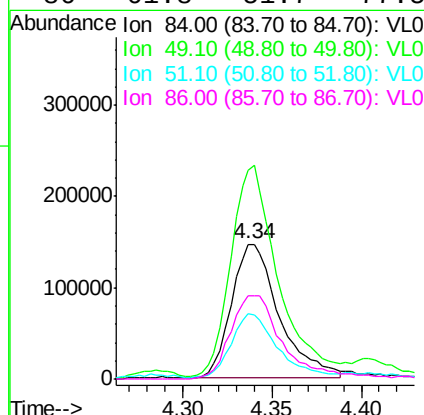
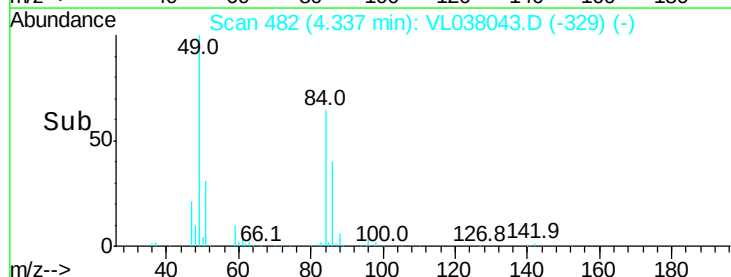
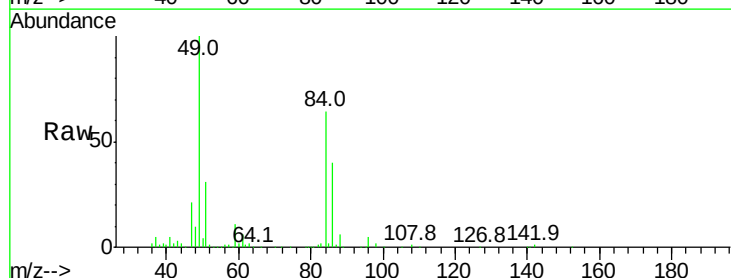
Ion Ratio Lower Upper

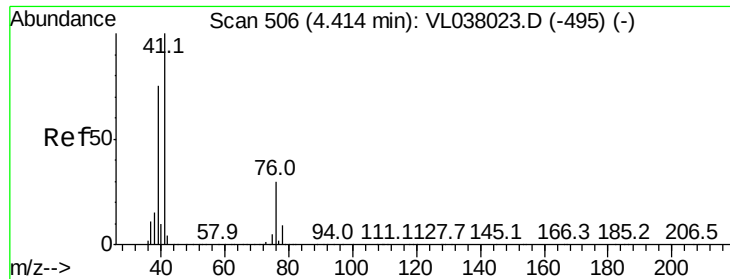
84 100

49 154.8 125.1 187.7

51 47.7 35.3 52.9

86 61.8 51.7 77.5



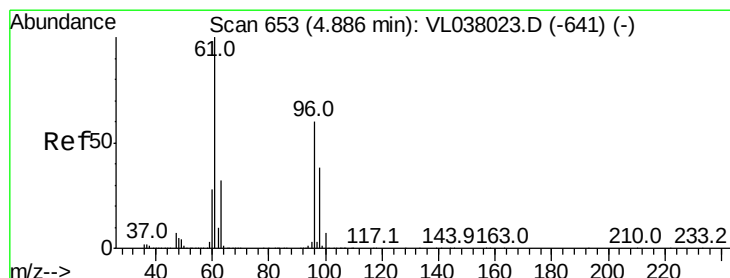
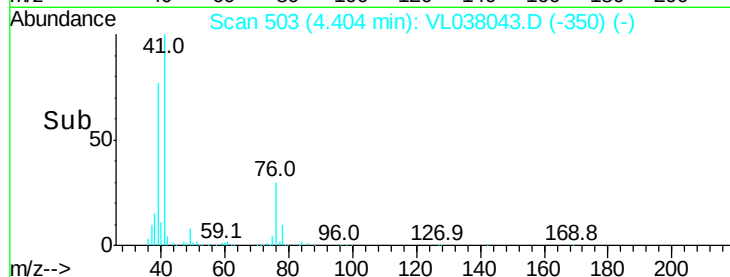
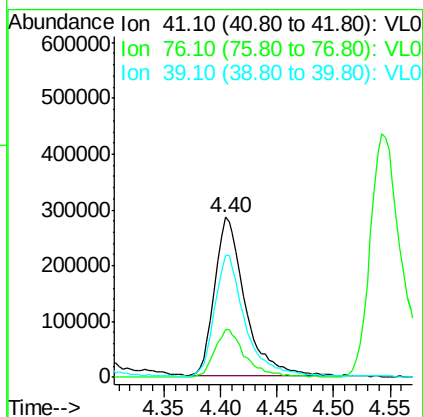
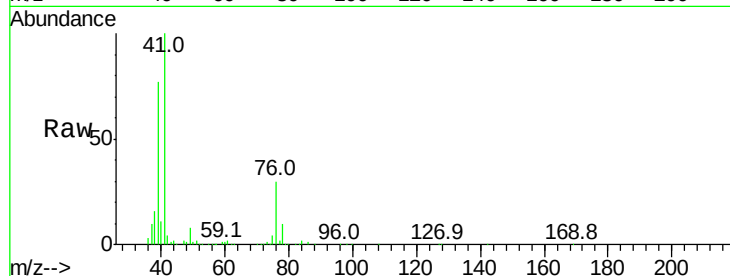


#21
Allvl Chloride
Concen: 5.171 ppbv
RT: 4.40
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 16 Nov 2021 17:18
VSTDCCC010EC

Tot Ion:
Ion Ratio
41 100
76 31.
39 77.

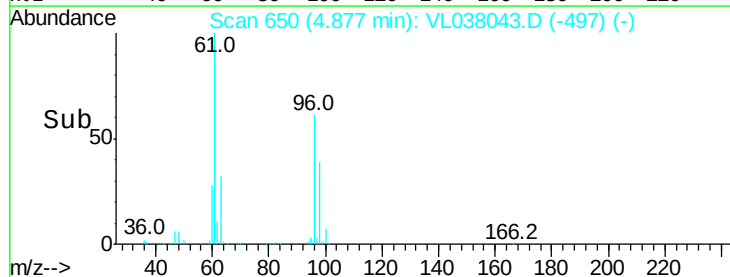
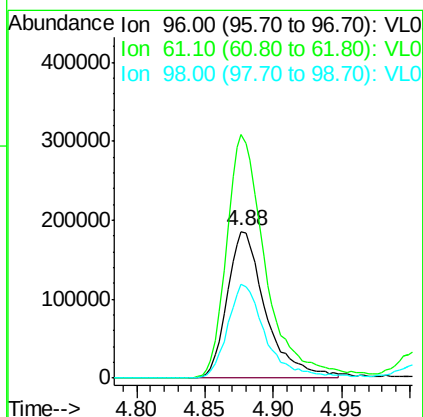
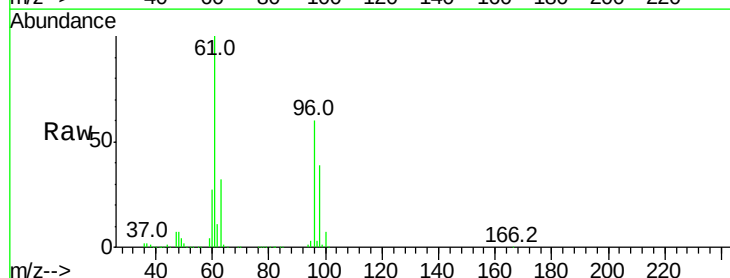
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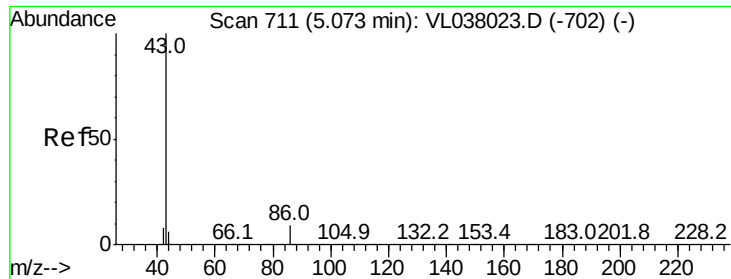
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
trans-1,2-Dichloroethene
Concen: 5.813 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 96 Resp: 365011
Ion Ratio Lower Upper
96 100
61 166.0 134.2 201.4
98 64.1 51.3 76.9





#23

Vinyl Acetate

Concen: 5.383 ppbv

RT: 5.06 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

86 6.

42 9.

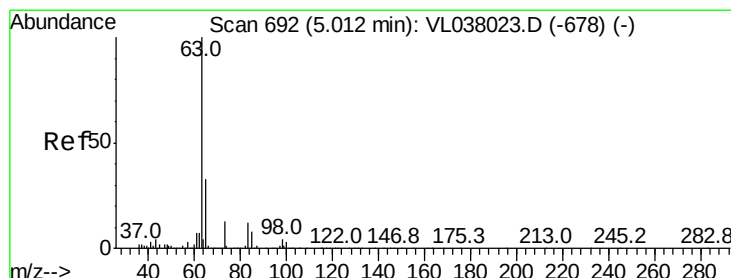
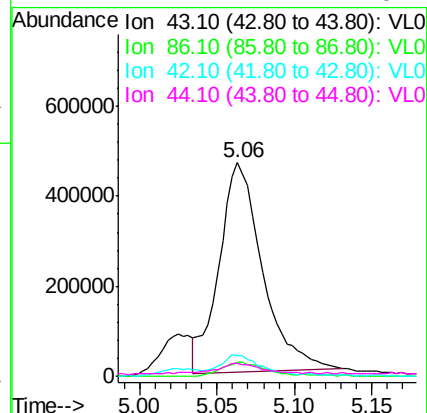
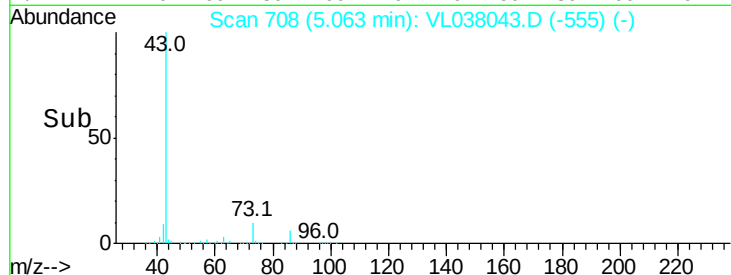
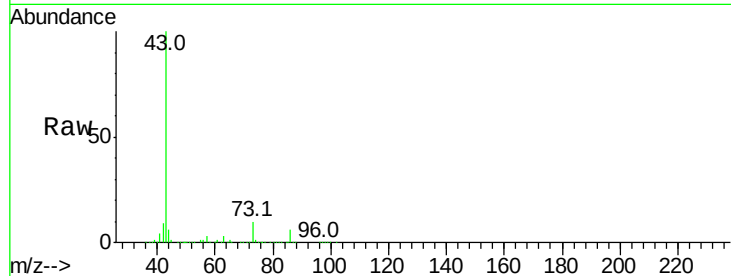
44 4.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 5.579 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 63 Resp: 733424

Ion Ratio Lower Upper

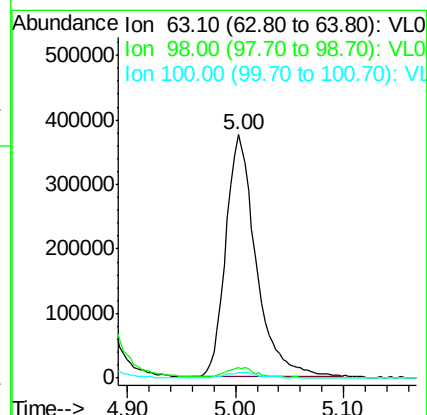
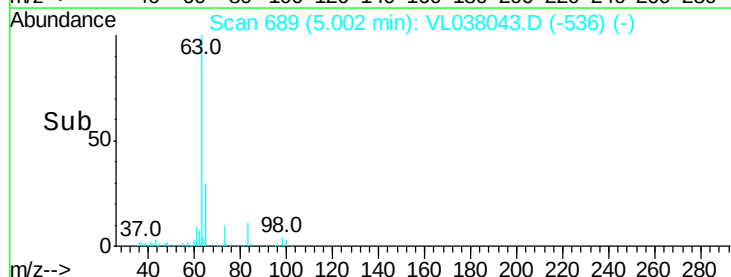
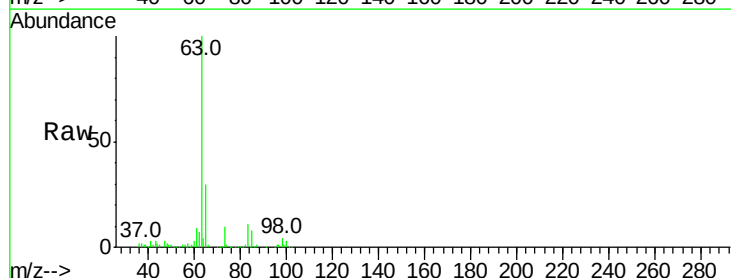
63 100

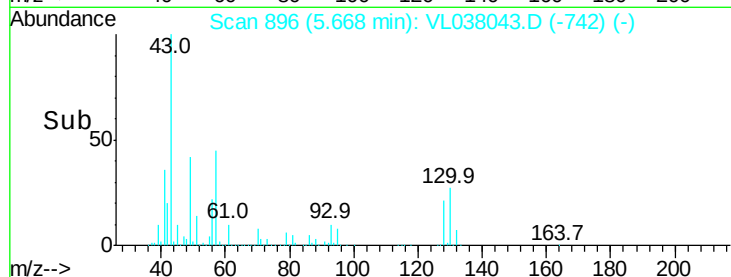
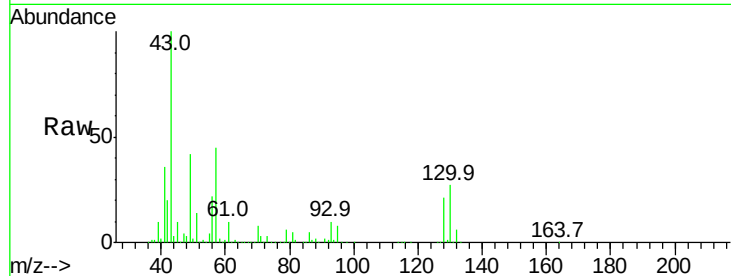
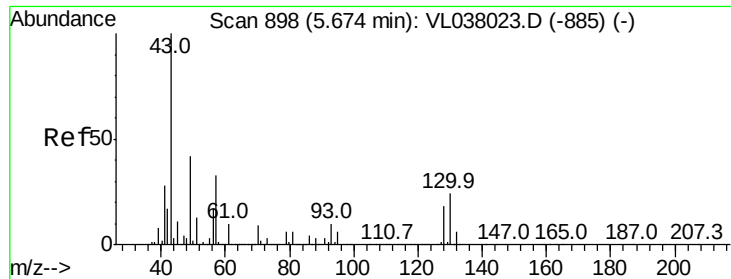
98 4.3

100 2.5

2.3 6.9

1.5 4.4



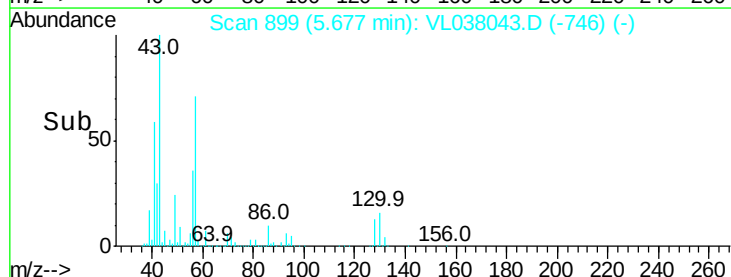
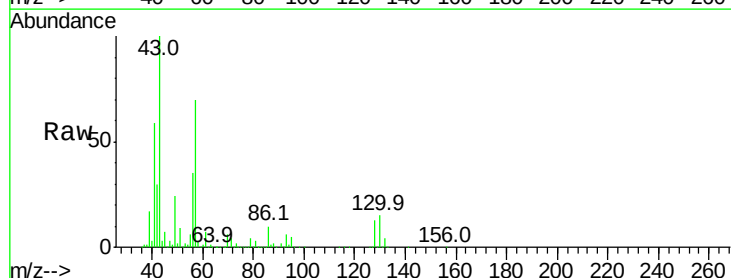
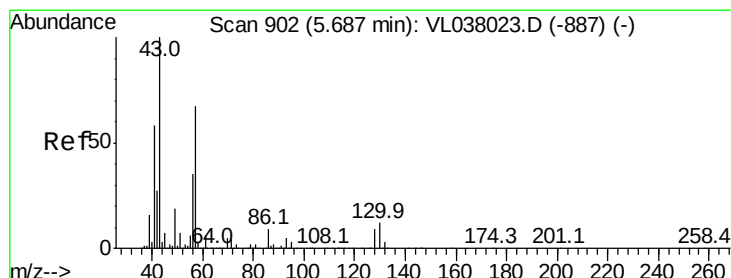
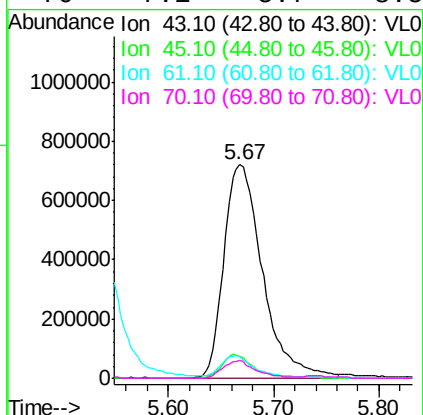


#25
Ethyl Acetate
Concen: 7.611 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 7.1 5.7 8.5

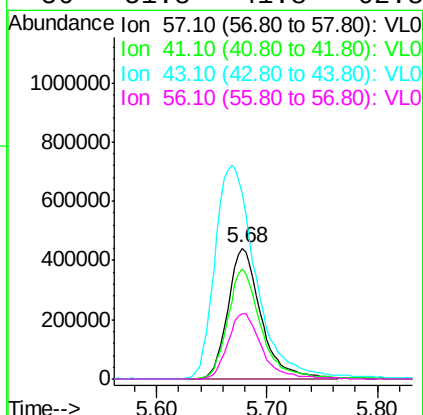
Manual Integrations APPROVED

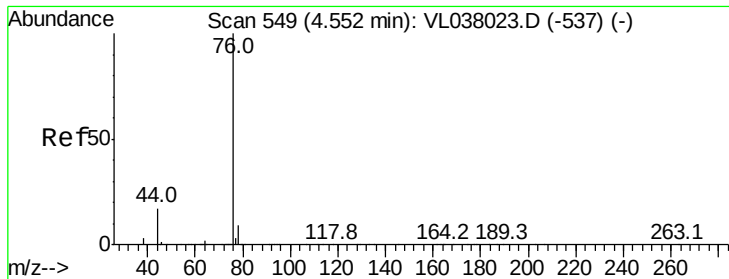
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#26
Hexane
Concen: 7.671 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 57 Resp: 922535
Ion Ratio Lower Upper
57 100
41 85.3 70.8 106.2
43 200.9 169.4 254.0
56 51.8 41.8 62.8





#27

Carbon Disulfide

Concen: 5.532 ppbv

RT: 4.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 18.

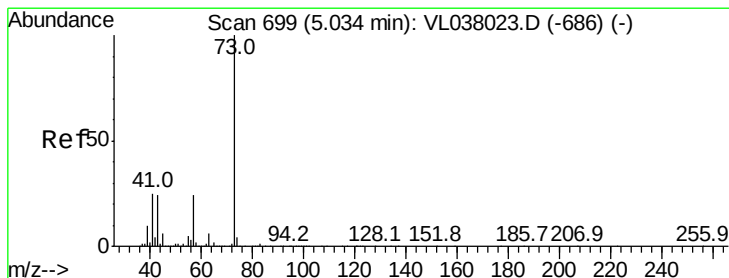
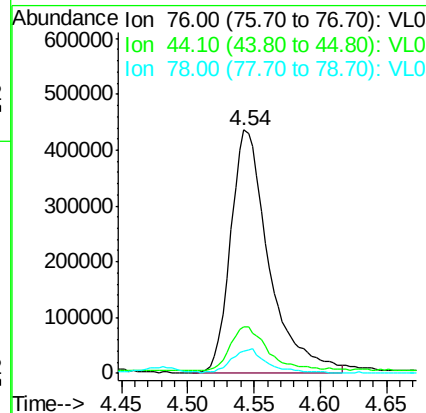
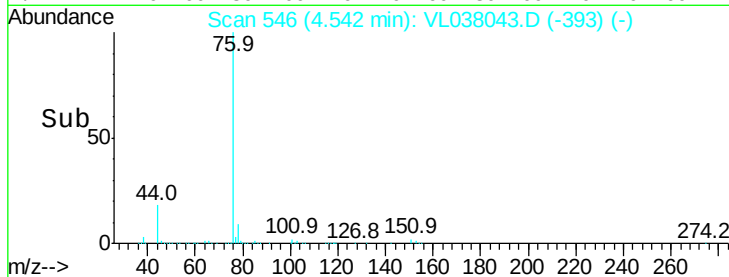
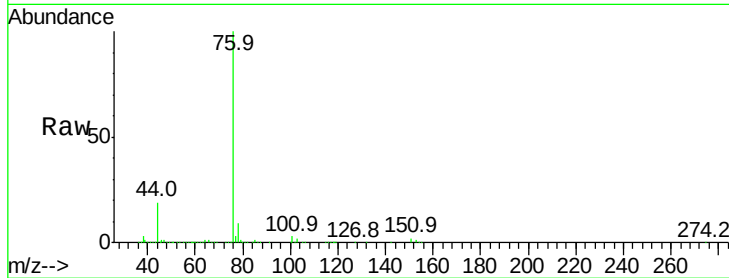
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#28

Methyl tert-Butyl Ether

Concen: 4.883 ppbv

RT: 5.03 min Scan# 697

Delta R.T. -0.01 min

Lab File: VL038043.D

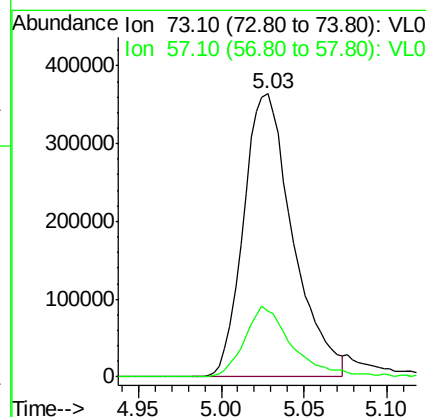
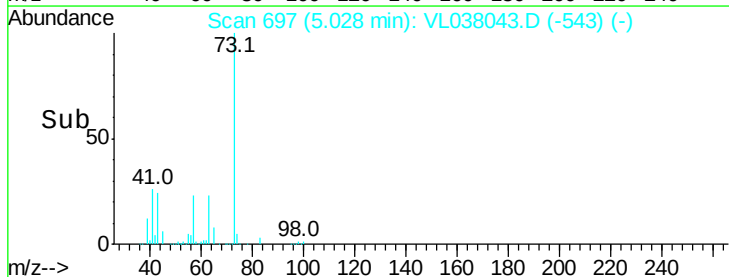
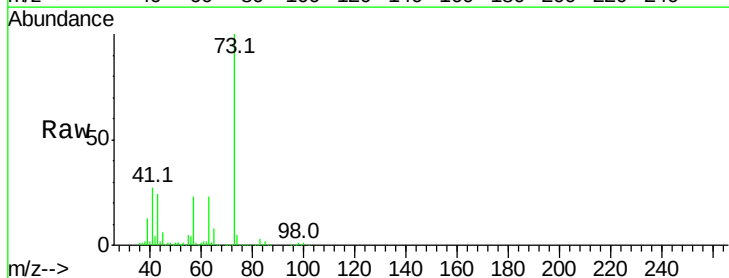
Acq: 16 Nov 2021 17:18

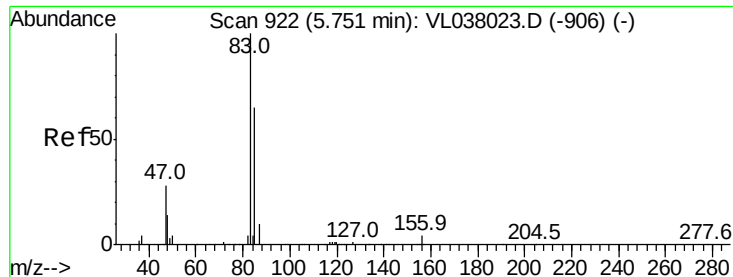
Tgt Ion: 73 Resp: 753111

Ion Ratio Lower Upper

73 100

57 24.7 19.1 28.7



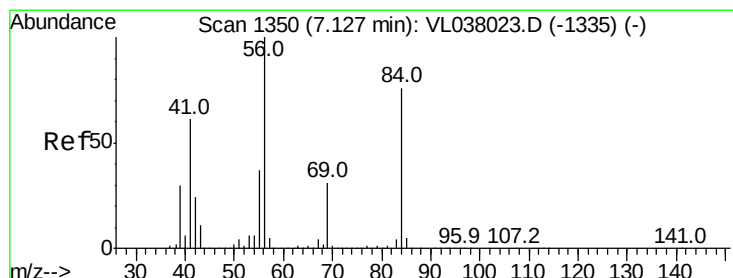
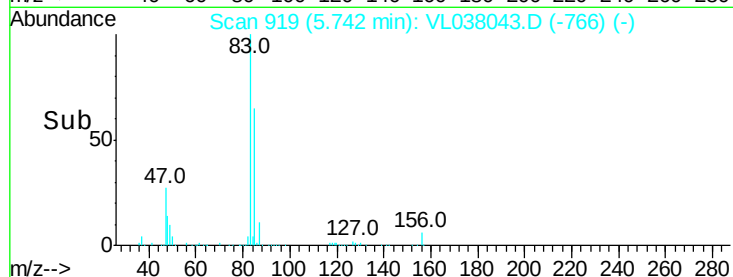
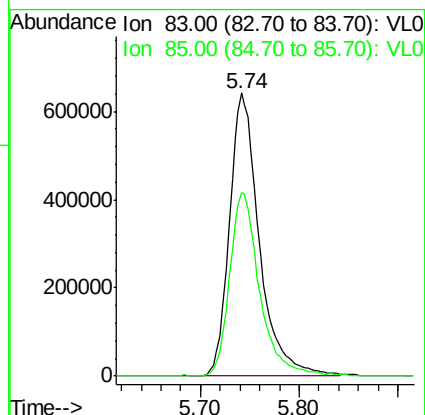
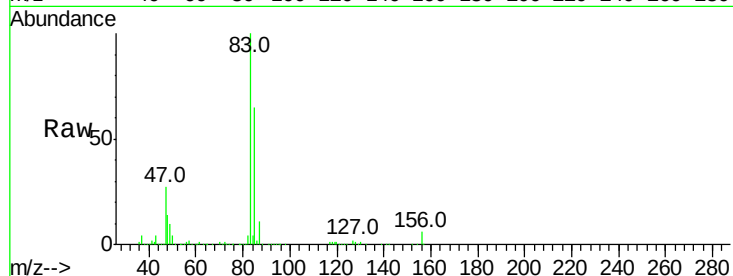


#29
Chloroform
Concen: 7.490 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:
Ion Ratio
83 100
85 64.

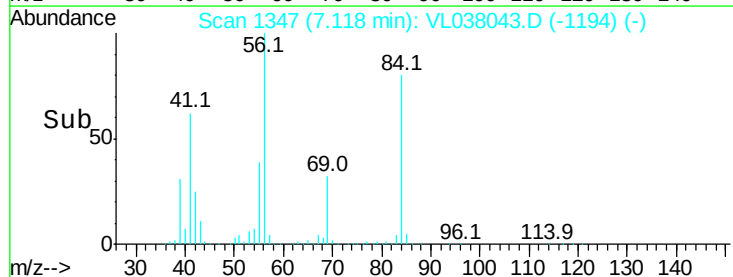
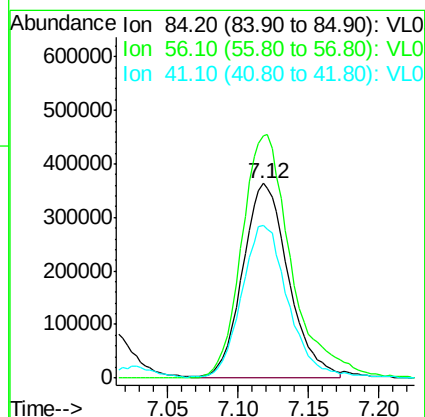
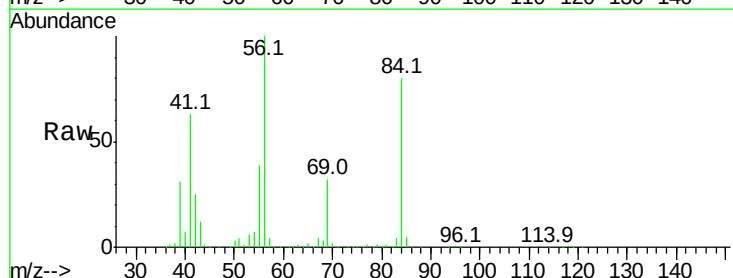
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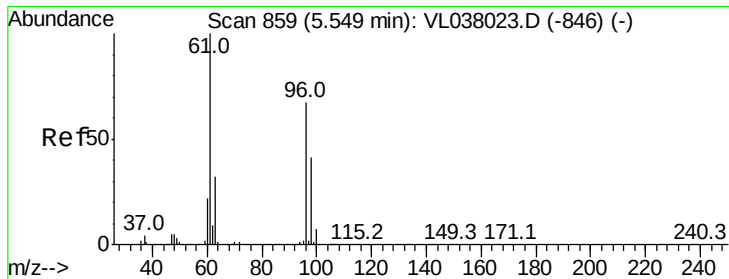
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#30
Cyclohexane
Concen: 6.092 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 84 Resp: 825090
Ion Ratio Lower Upper
84 100
56 136.4 109.5 164.3
41 80.4 65.1 97.7





#31

cis-1,2-Dichloroethene

Concen: 8.868 ppbv

RT: 5.54 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

61 100

96 67.

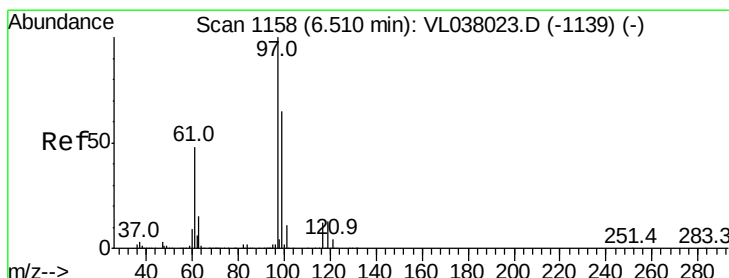
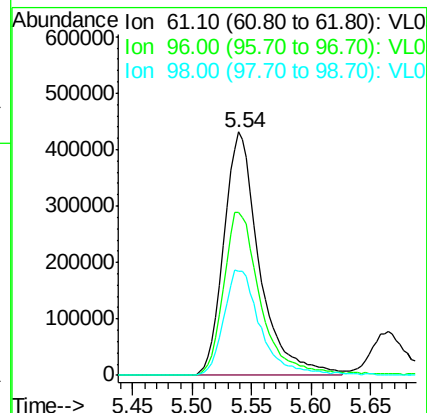
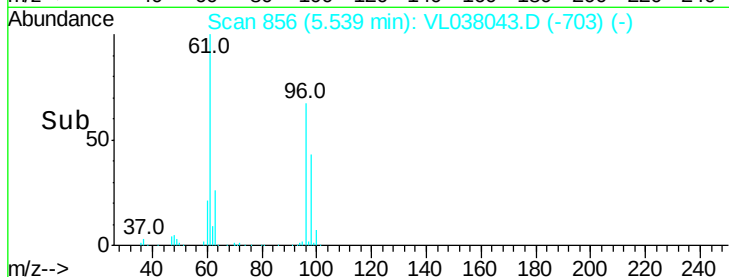
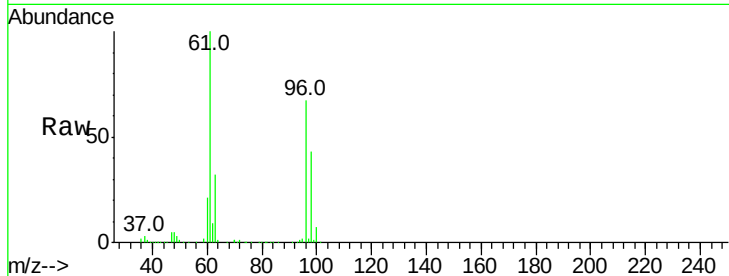
98 42.

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#32

1,1,1-Trichloroethane

Concen: 6.129 ppbv

RT: 6.50 min Scan# 1155

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

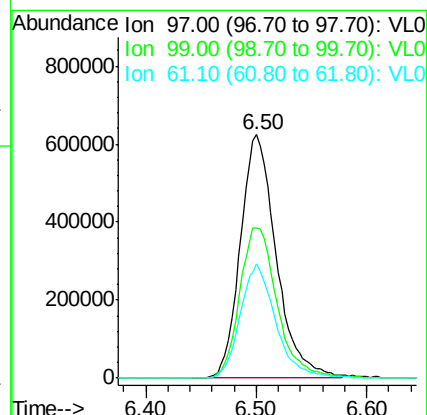
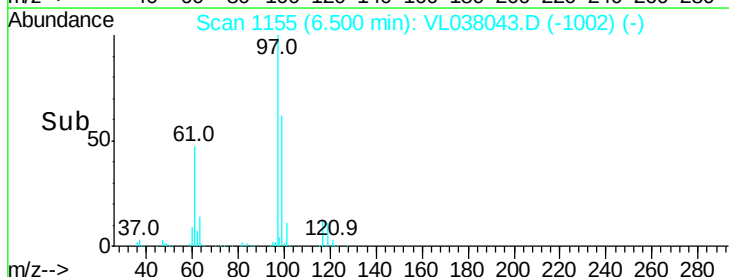
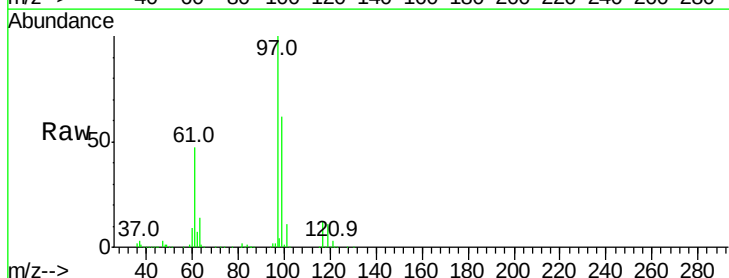
Tgt Ion: 97 Resp: 1408662

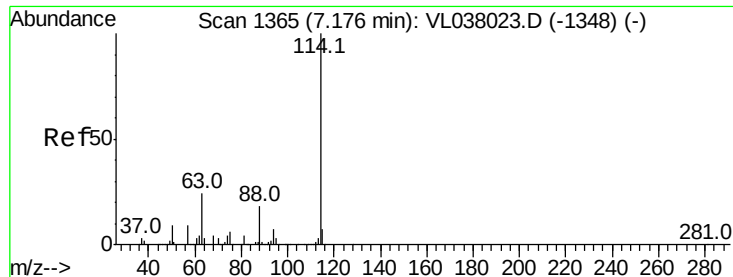
Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 46.2 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16

Instrument: MSVOA_L

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion: 1

Ion Ratio

114 100

63 24.

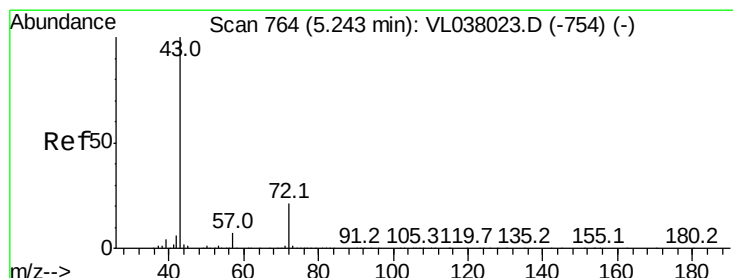
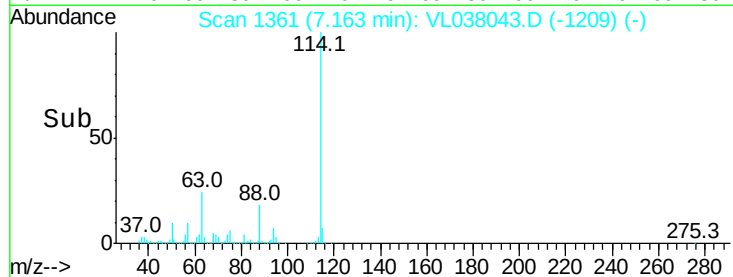
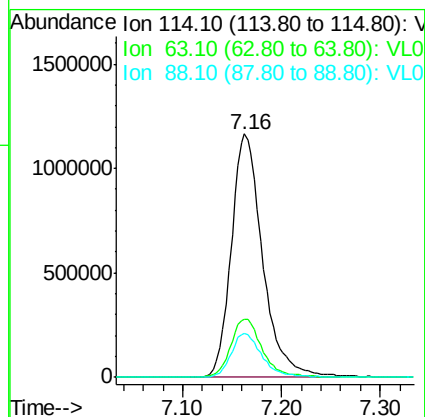
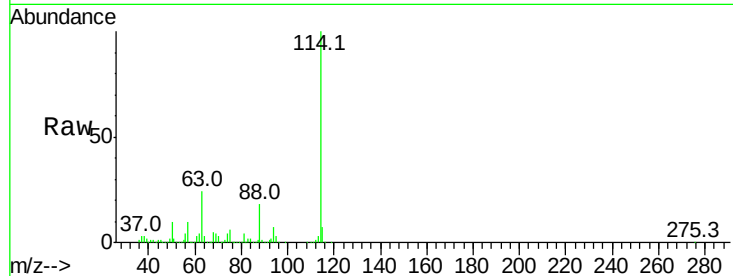
88 18.

Manual Integrations

APPROVED

Reviewed By: Semsettin Yesilyurt 11/17/2021

Supervised By: Mahesh Dadoda 11/17/2021



#34

2-Butanone

Concen: 9.093 ppbv

RT: 5.24 min Scan# 762

Delta R.T. -0.01 min

Lab File: VL038043.D

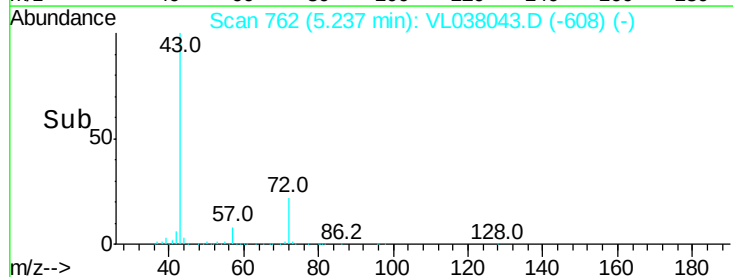
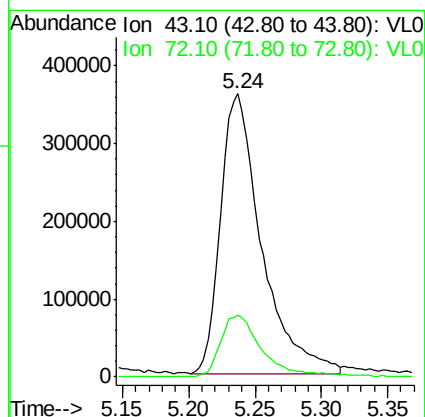
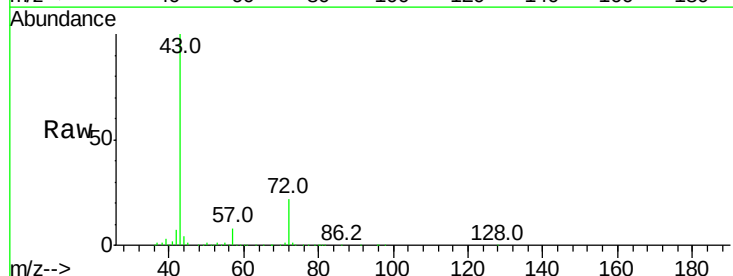
Acq: 16 Nov 2021 17:18

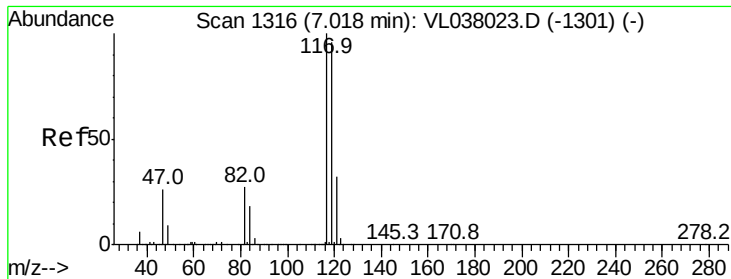
Tgt Ion: 43 Resp: 774433

Ion Ratio Lower Upper

43 100

72 23.0 18.2 27.2





#35

Carbon Tetrachloride

Concen: 8.019 ppbv

RT: 7.01

Delta R.T. MSVOA_L

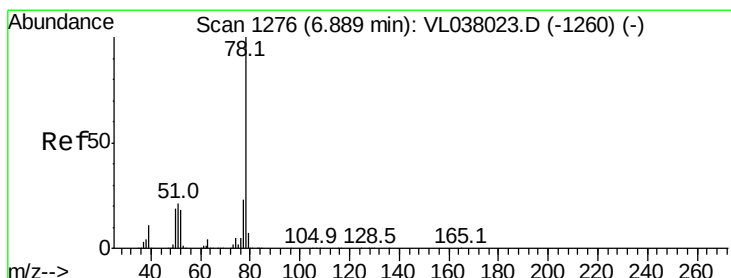
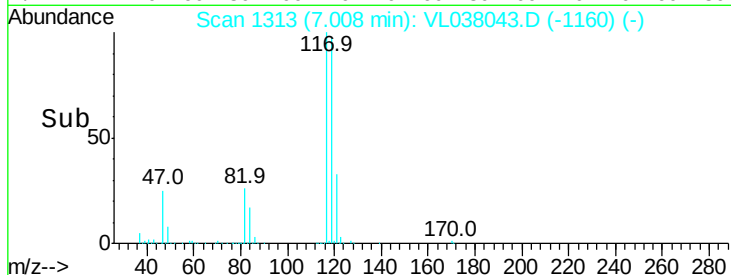
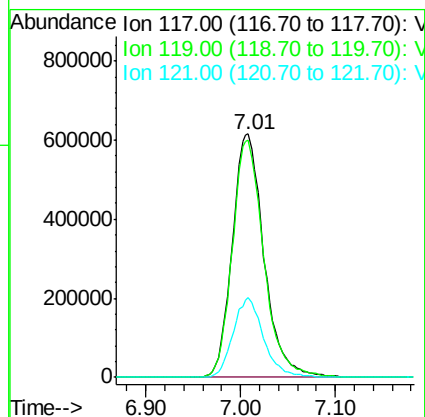
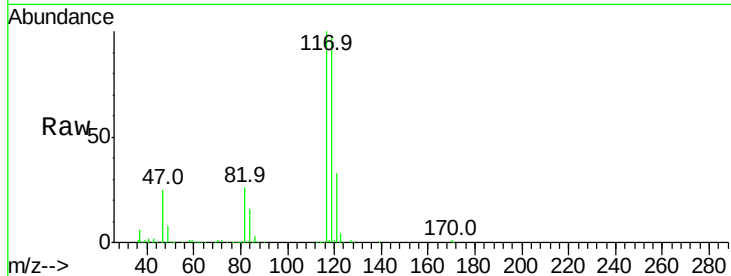
Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:1
Ion Rati
117 100
119 97.
121 32.

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



#36

Benzene

Concen: 8.130 ppbv

RT: 6.88 min Scan# 1272

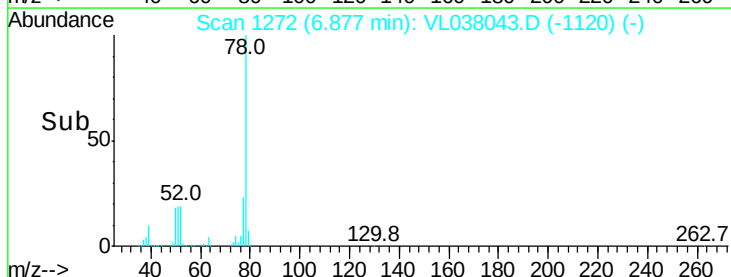
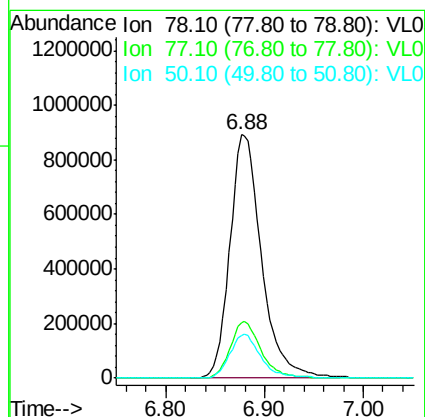
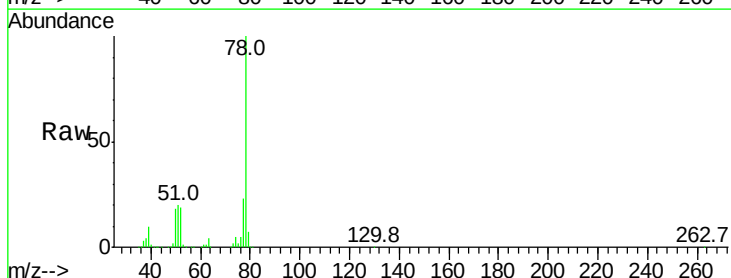
Delta R.T. -0.01 min

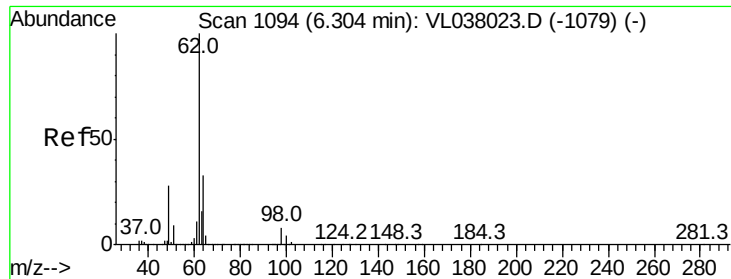
Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 78 Resp: 1996871

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2
50	17.6	14.9	22.3





#37

1,2-Dichloroethane

Concen: 8.789 ppbv

RT: 6.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion:

Ion Ratio

62 100

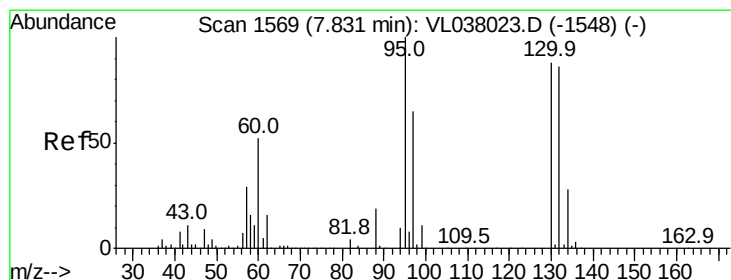
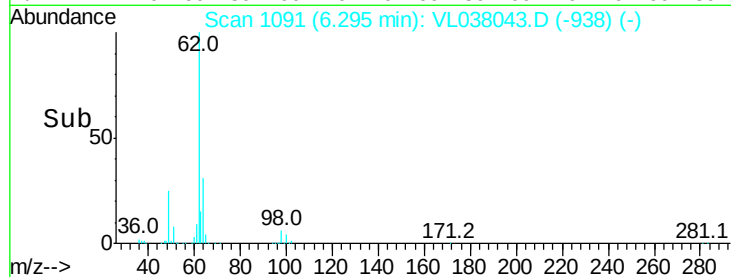
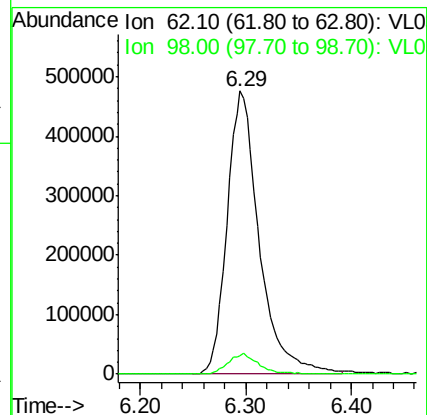
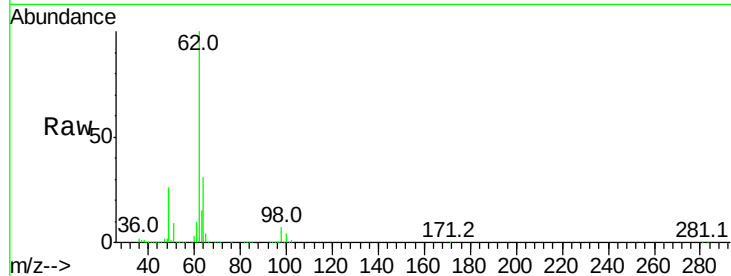
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#38

Trichloroethene

Concen: 7.153 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion:130 Resp: 713716

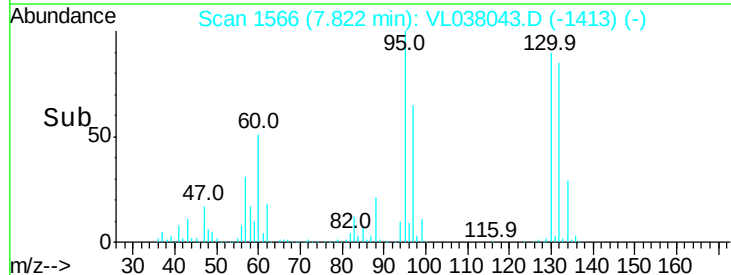
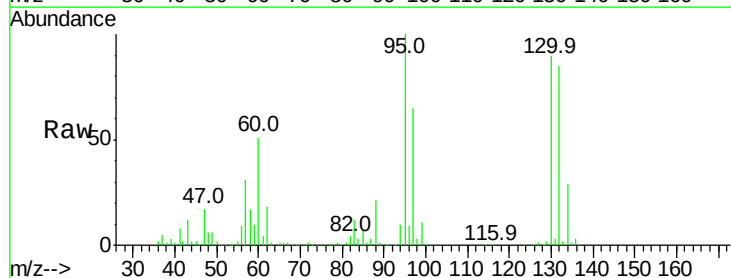
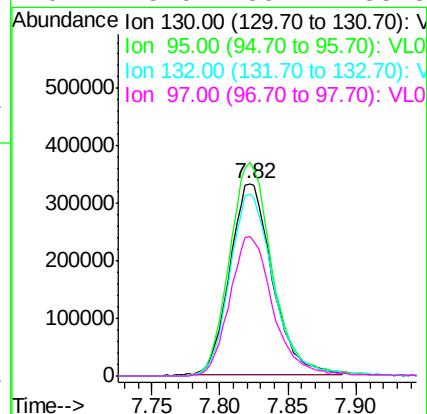
Ion Ratio Lower Upper

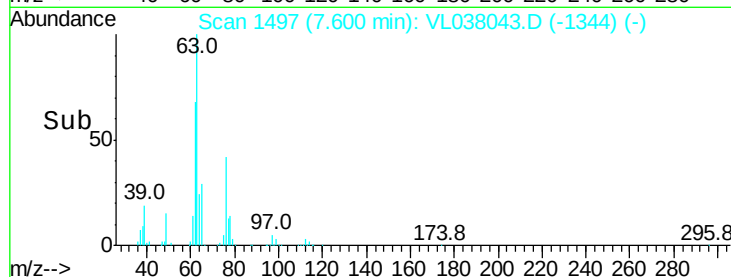
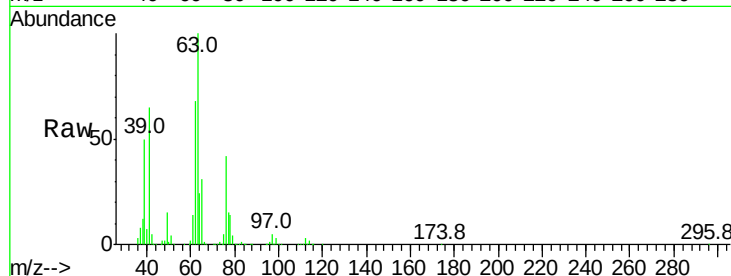
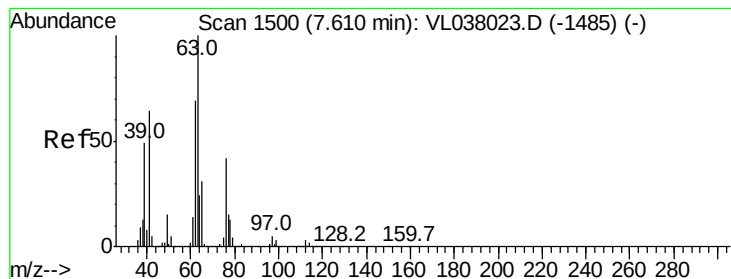
130 100

95 111.1 90.5 135.7

132 94.7 77.4 116.0

97 73.0 59.2 88.8



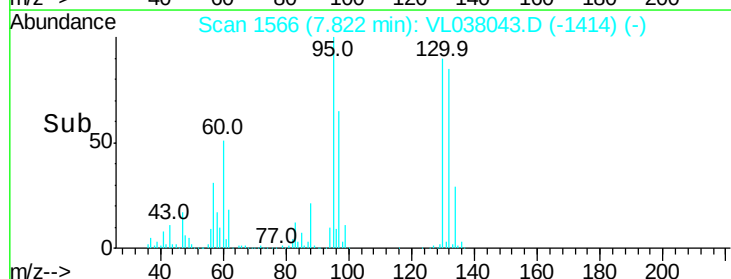
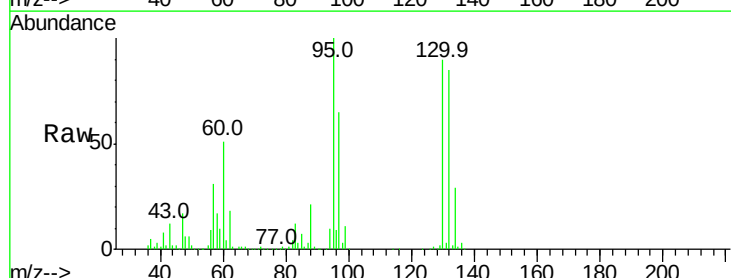
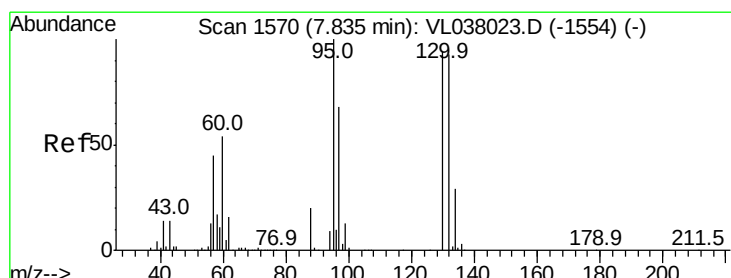
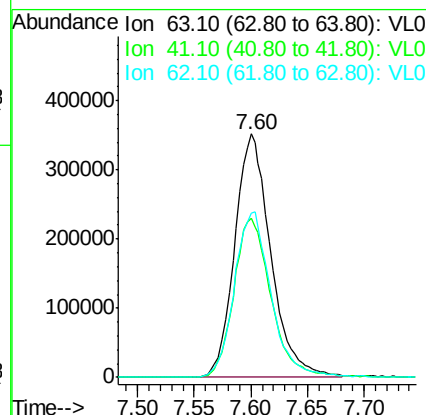


#39
 1,2-Dichloropropane
 Concen: 8.216 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 16 Nov 2021 17:18

Tot Ion:
 Ion Ratio
 63 100
 41 65.
 62 67.

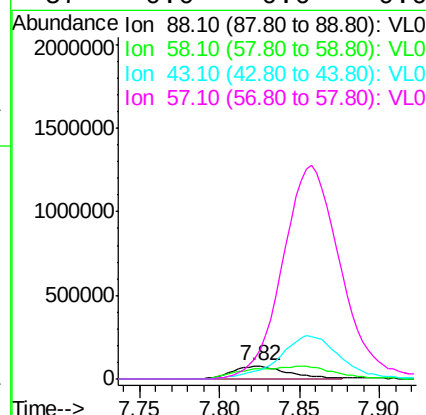
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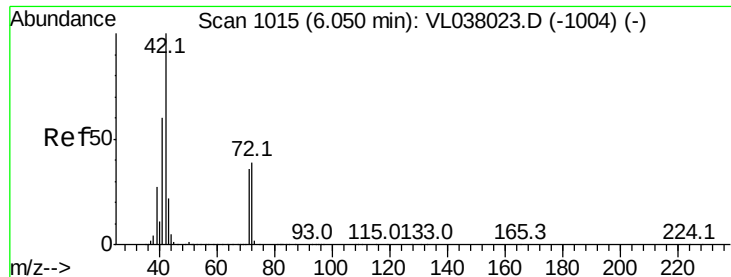
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#40
 1,4-Dioxane
 Concen: 7.577 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 88 Resp: 185514
 Ion Ratio Lower Upper
 88 100
 58 0.0 0.0 0.0
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0



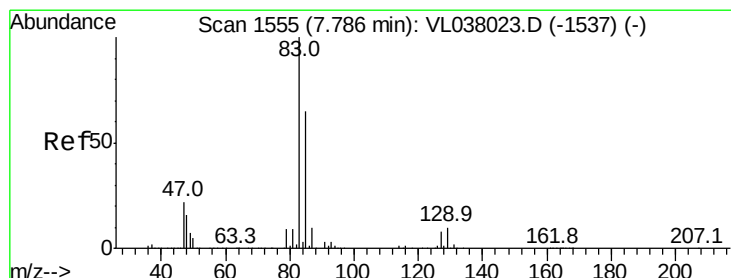
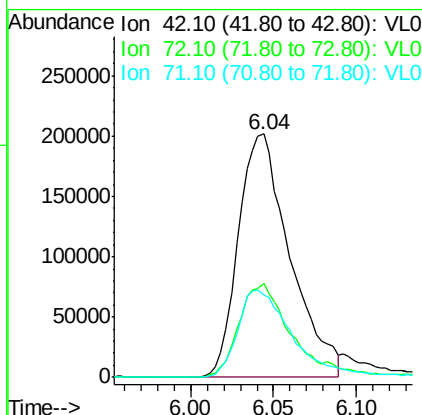
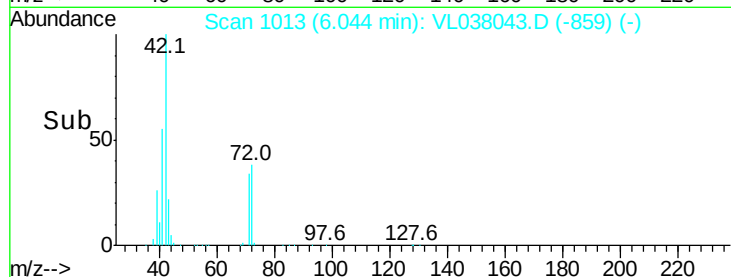
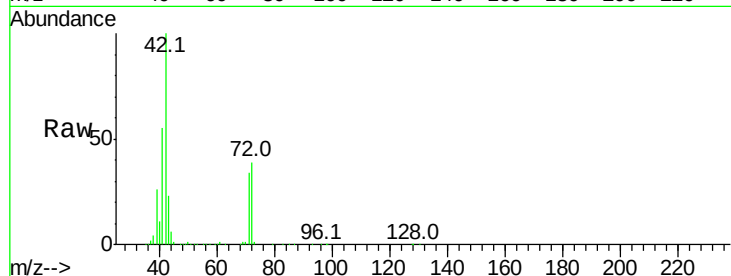


#41
Tetrahydrofuran
Concen: 7.130 ppbv
RT: 6.04
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:
Ion Ratio
42 100
72 41.
71 39.

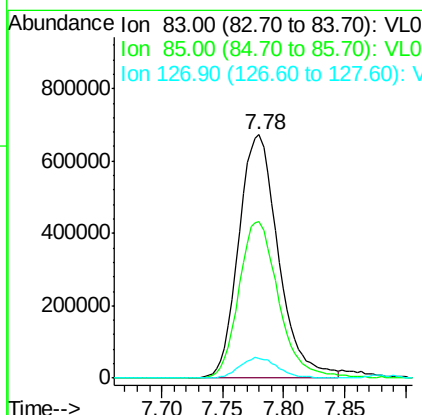
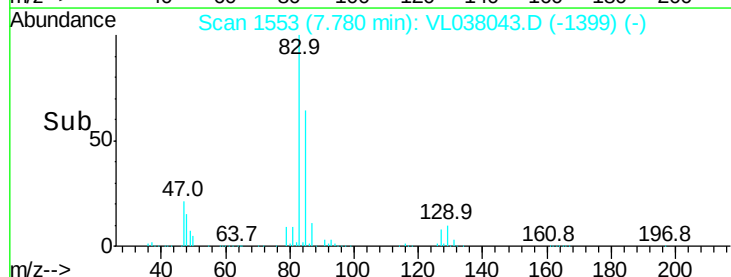
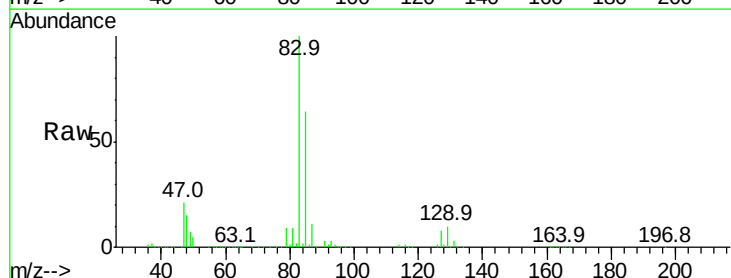
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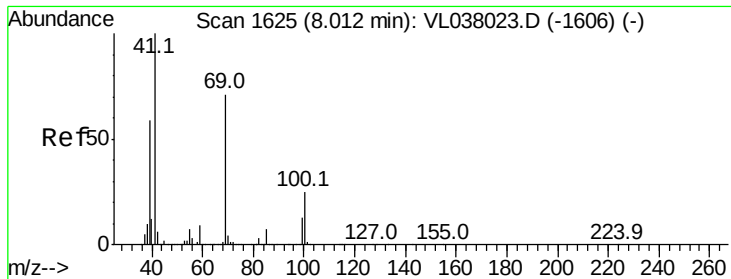
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 8.448 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 83 Resp: 1516252
Ion Ratio Lower Upper
83 100
85 64.2 51.6 77.4
127 8.1 6.6 10.0





#43

Methyl Methacrylate

Concen: 8.676 ppbv

RT: 8.00

Instrument: MSVOA_1

Delta R.T.:

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion:

Ion Ratio

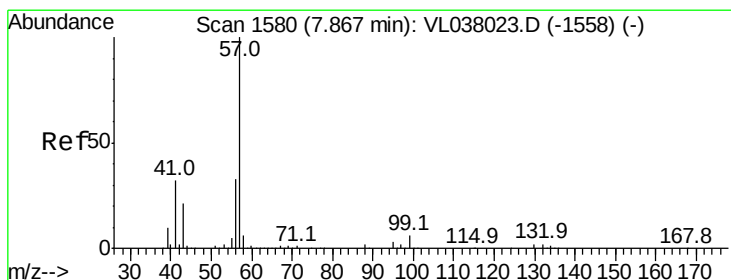
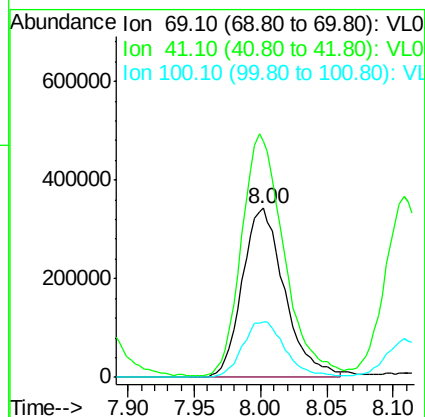
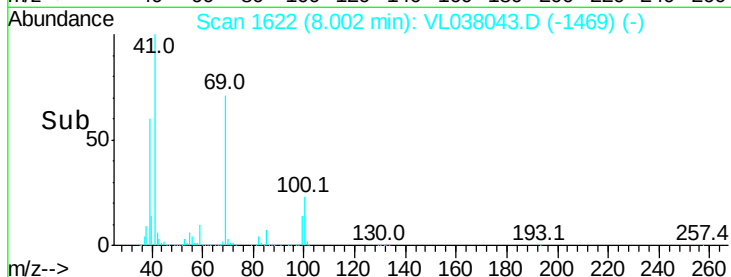
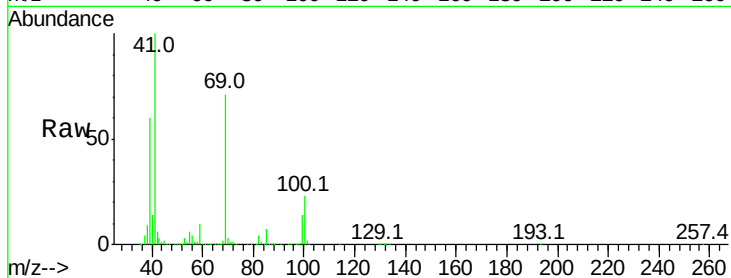
69	100
41	145.
100	33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#44

2,2,4-Trimethylpentane

Concen: 7.705 ppbv

RT: 7.86 min Scan# 1577

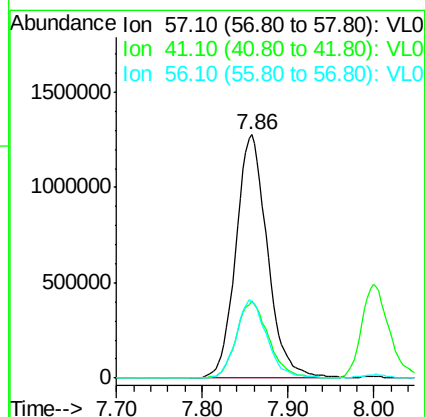
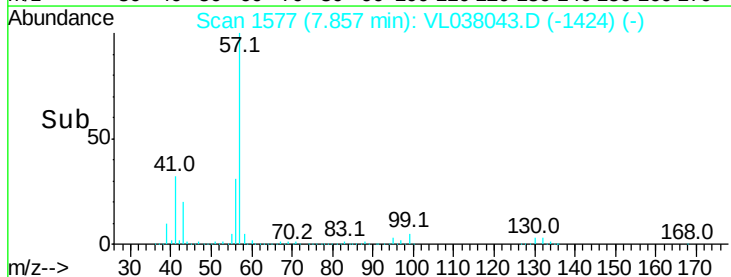
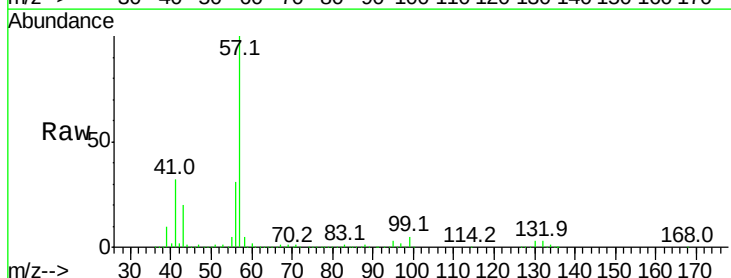
Delta R.T. -0.01 min

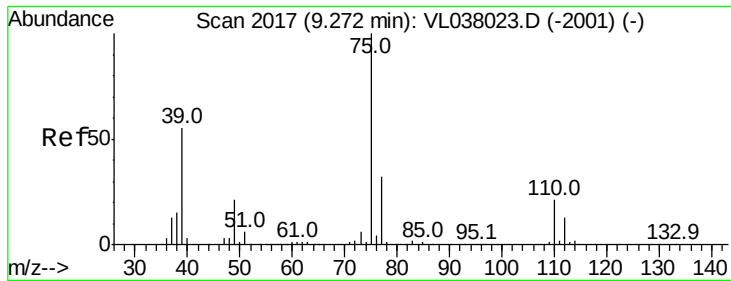
Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion: 57 Resp: 3251185

Ion	Ratio	Lower	Upper
57	100		
41	32.4	26.2	39.2
56	31.5	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 7.328 ppbv

RT: 9.26 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

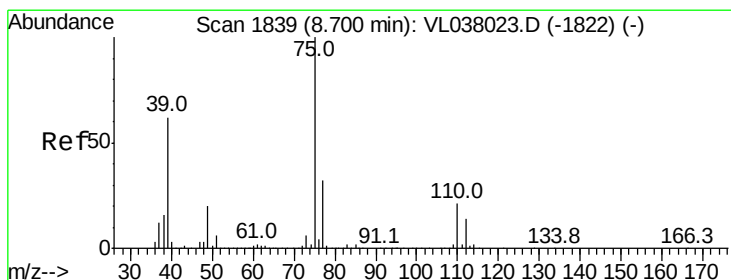
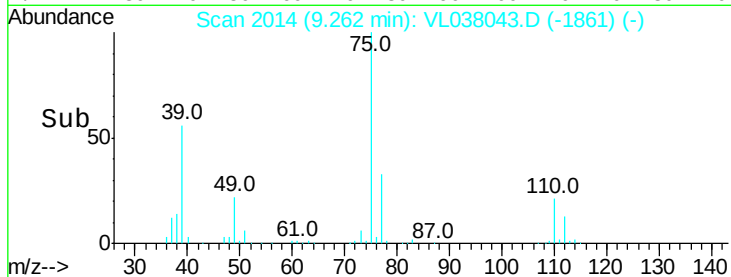
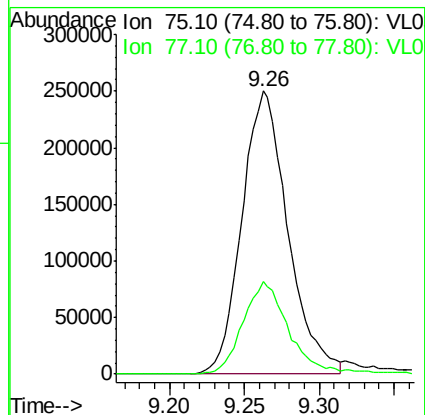
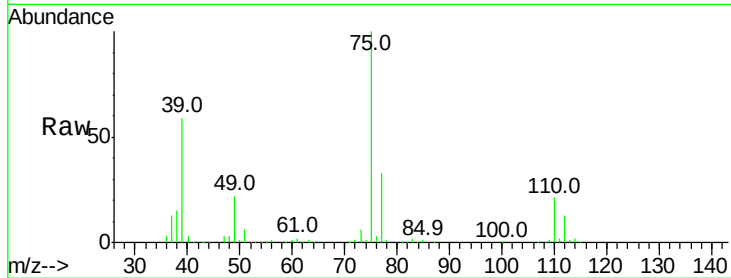
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

cis-1,3-Dichloropropene

Concen: 7.621 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

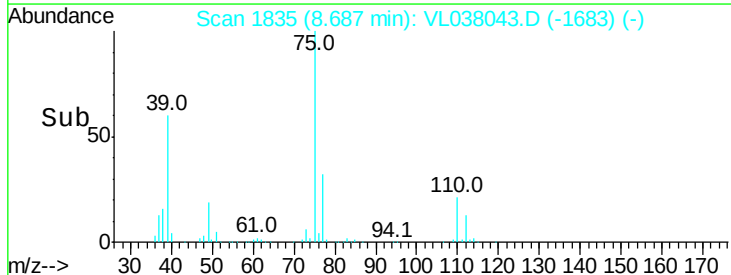
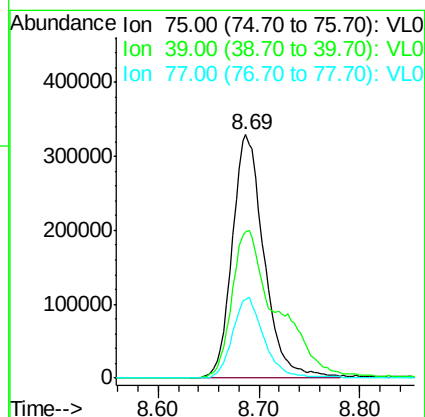
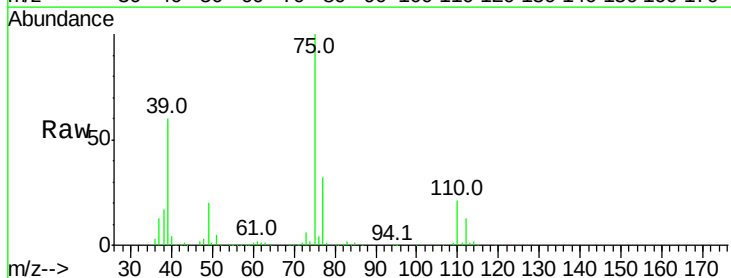
Tgt Ion: 75 Resp: 722650

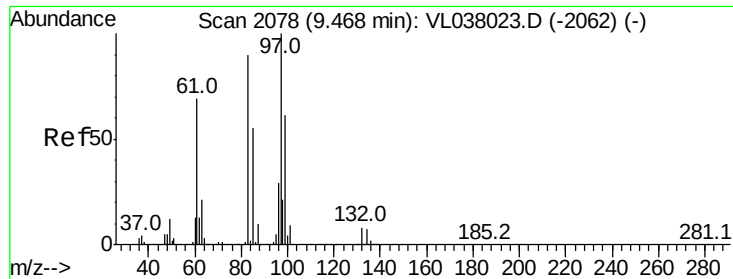
Ion Ratio Lower Upper

75 100

39 60.1 49.2 73.8

77 32.2 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 8.424 ppbv

RT: 9.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

97 100

83 85.

85 56.

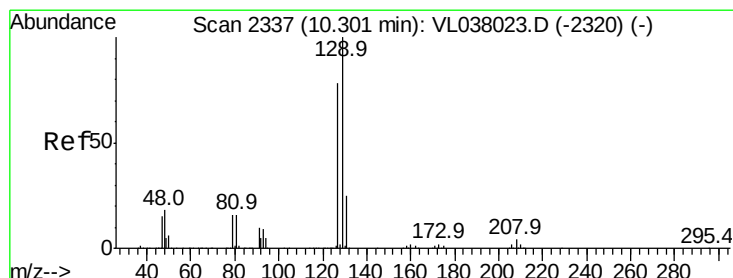
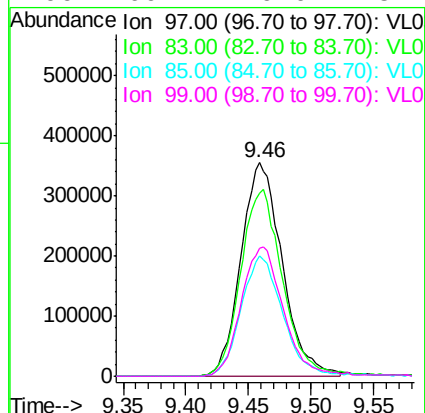
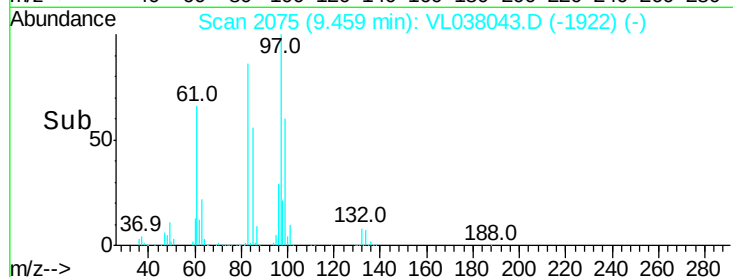
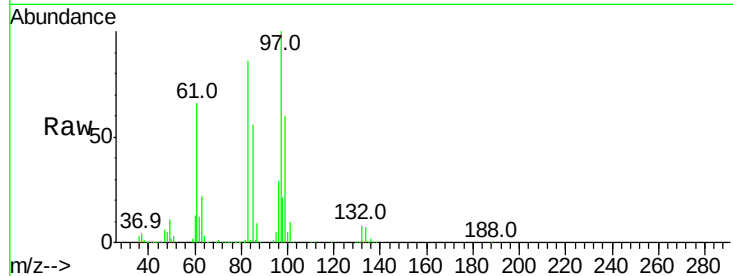
99 60.1 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#48

Dibromochloromethane

Concen: 8.440 ppbv

RT: 10.29 min Scan# 2333

Delta R.T. -0.01 min

Lab File: VL038043.D

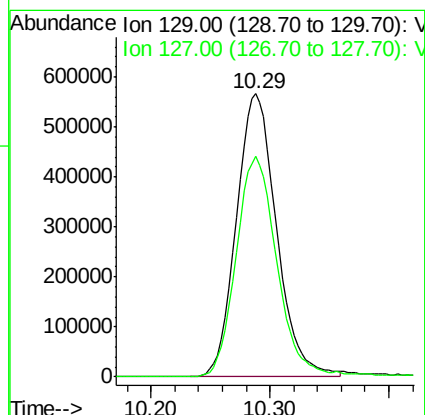
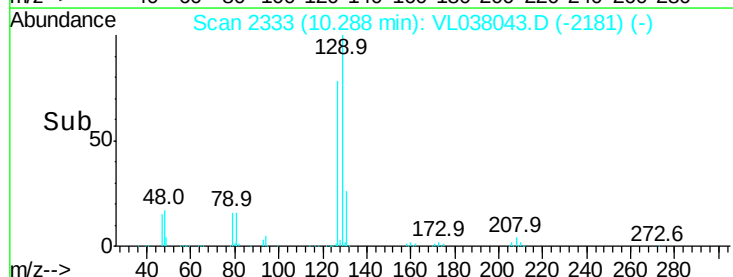
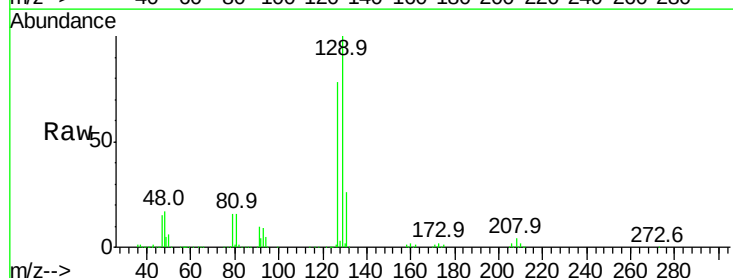
Acq: 16 Nov 2021 17:18

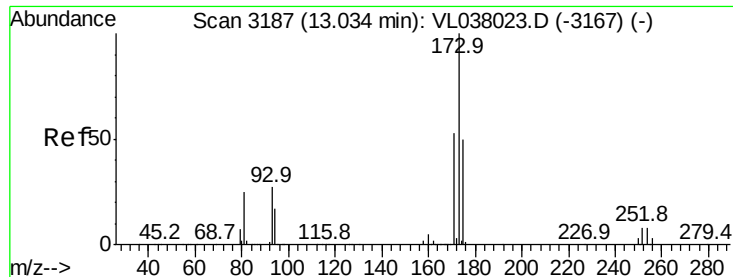
Tgt Ion:129 Resp: 1323393

Ion Ratio Lower Upper

129 100

127 80.0 40.1 120.3





#49

Bromoform

Concen: 8.504 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:1

Ion Rati

173 100

175 50.

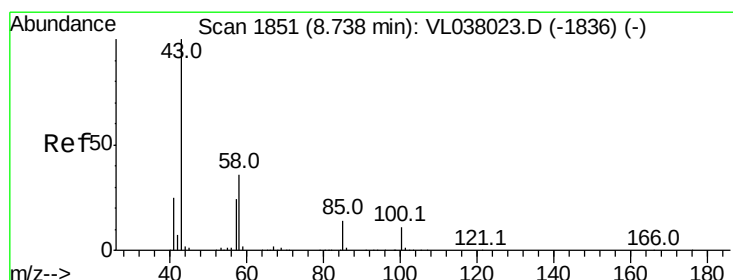
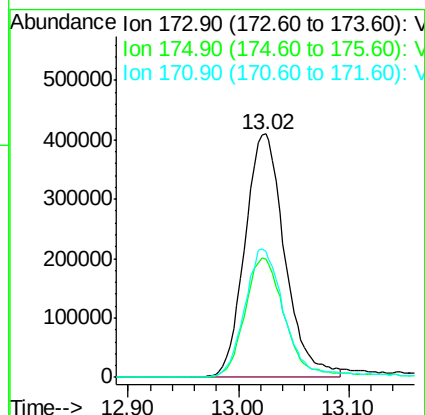
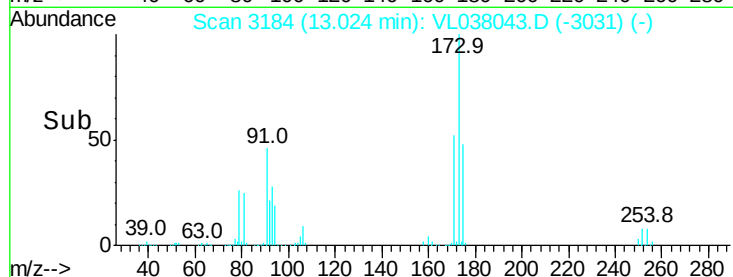
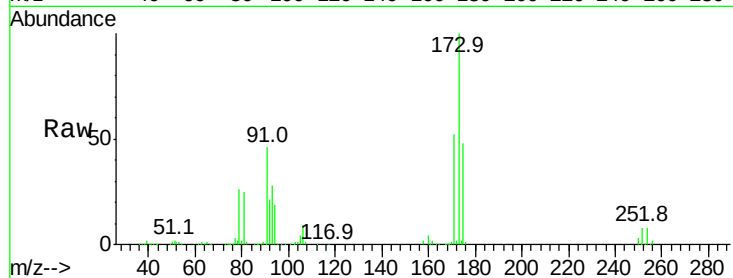
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

4-Methyl-2-Pentanone

Concen: 8.407 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VL038043.D

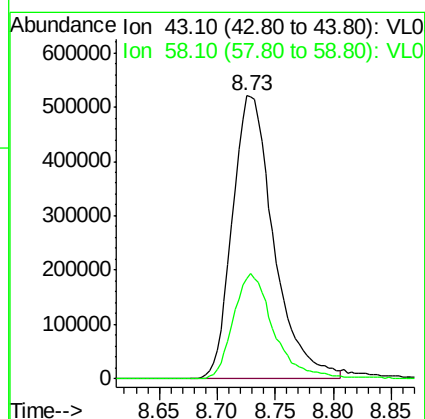
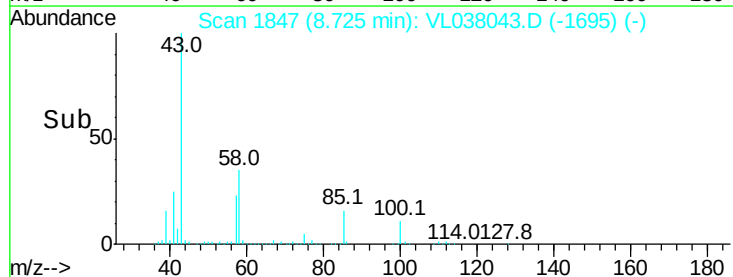
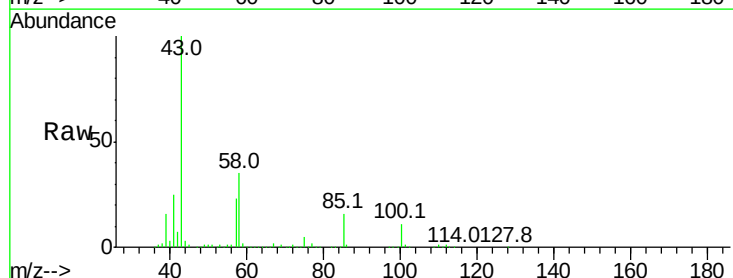
Acq: 16 Nov 2021 17:18

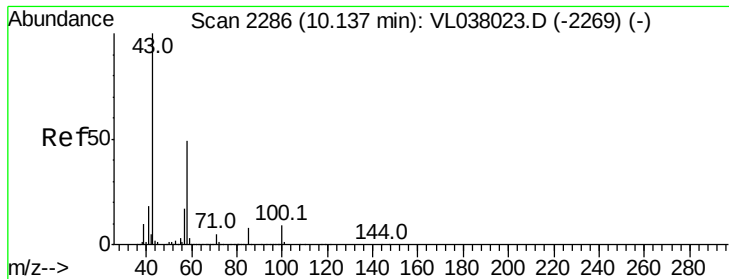
Tgt Ion: 43 Resp: 1291093

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.6





#51

2-Hexanone

Concen: 9.278 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

58 51.

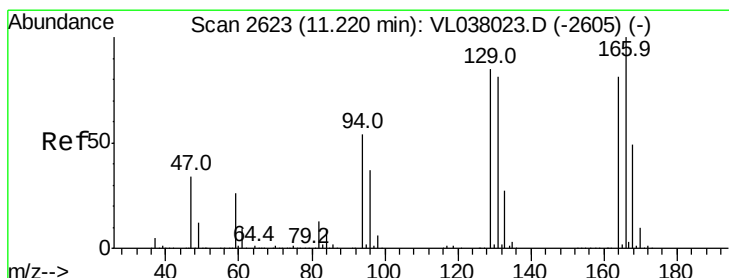
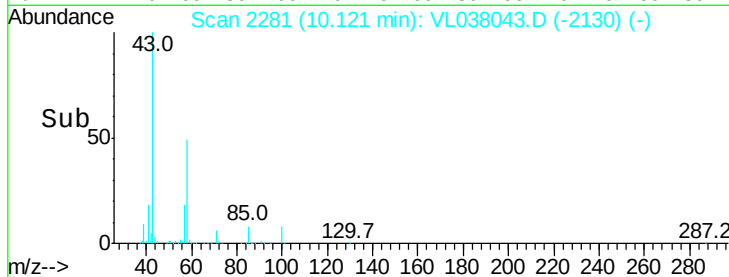
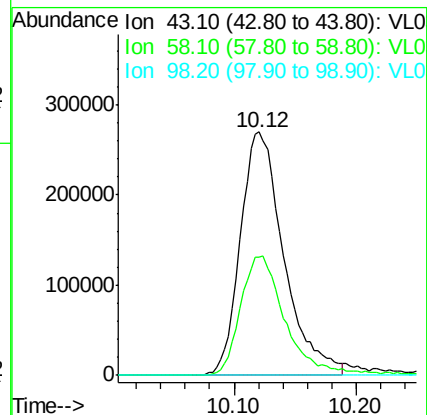
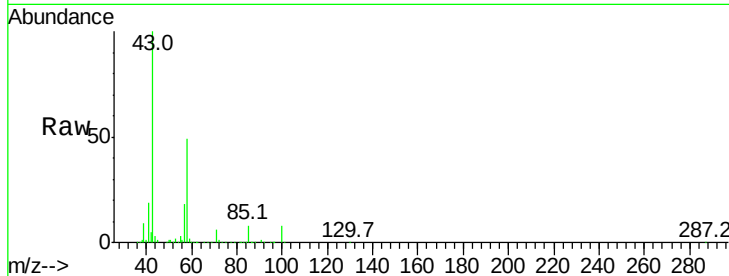
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#52

Tetrachloroethene

Concen: 7.326 ppbv

RT: 11.21 min Scan# 2619

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion:164 Resp: 679291

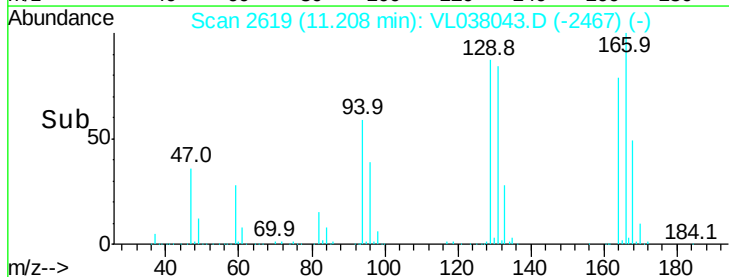
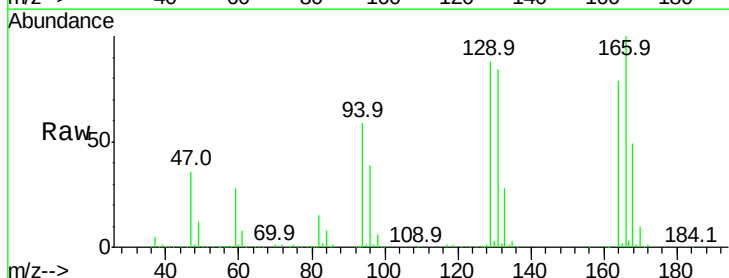
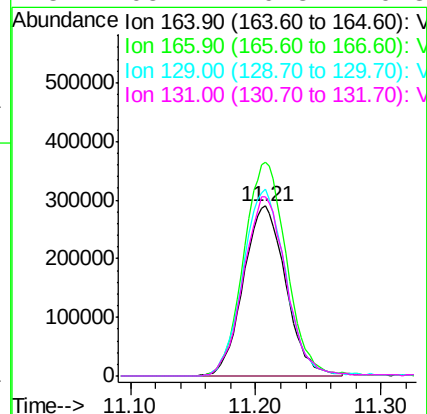
Ion Ratio Lower Upper

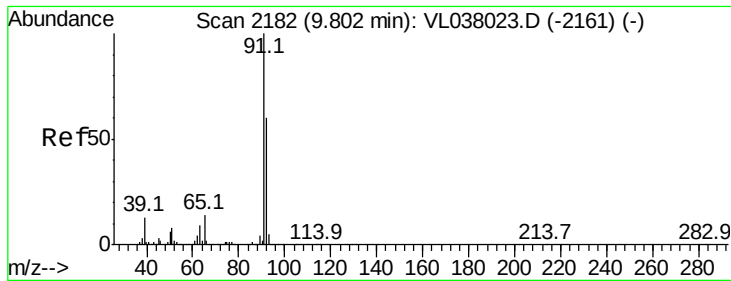
164 100

166 125.8 98.6 148.0

129 110.1 84.1 126.1

131 105.7 79.8 119.8





#53

Toluene

Concen: 8.097 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

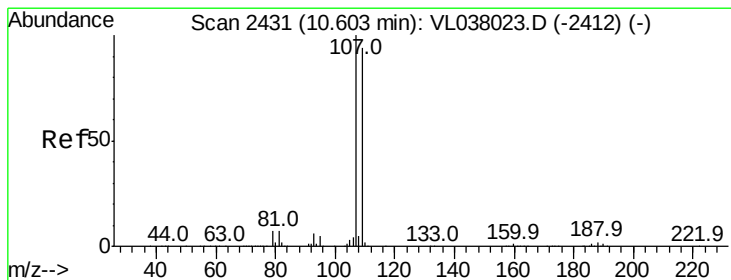
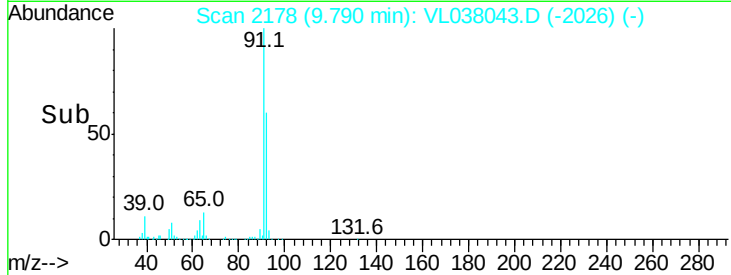
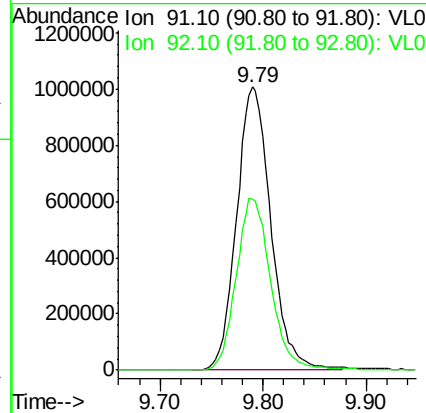
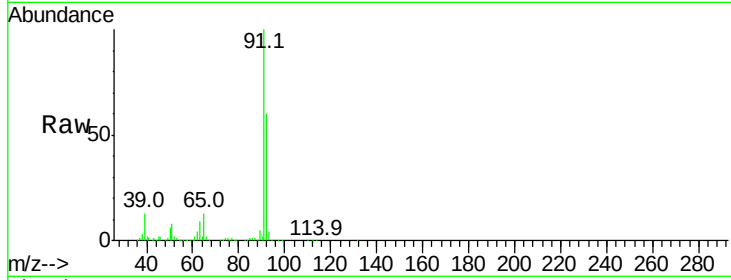
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 8.615 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL038043.D

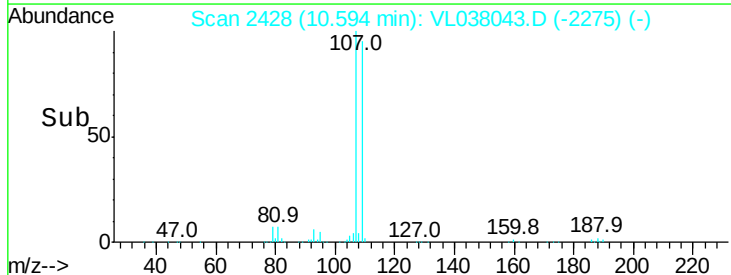
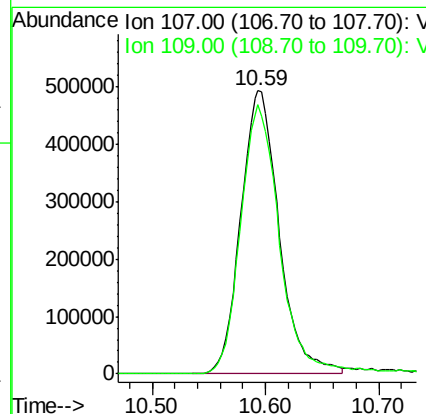
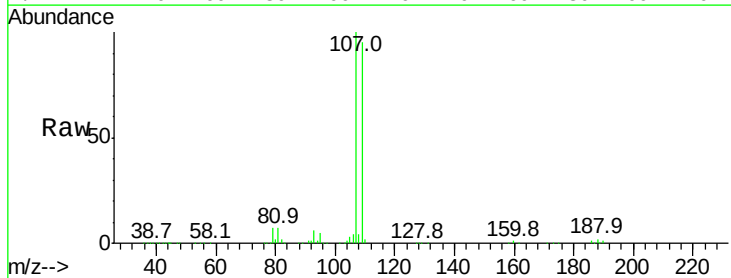
Acq: 16 Nov 2021 17:18

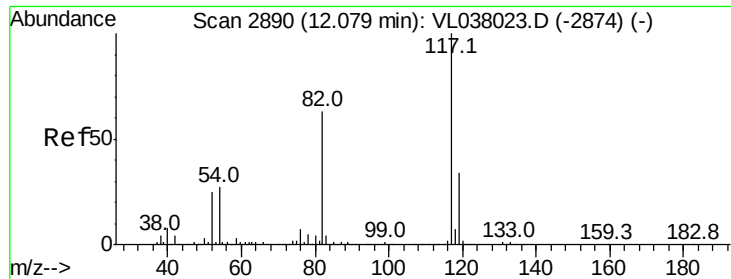
Tgt Ion:107 Resp: 1164016

Ion Ratio Lower Upper

107 100

109 95.2 75.0 112.6



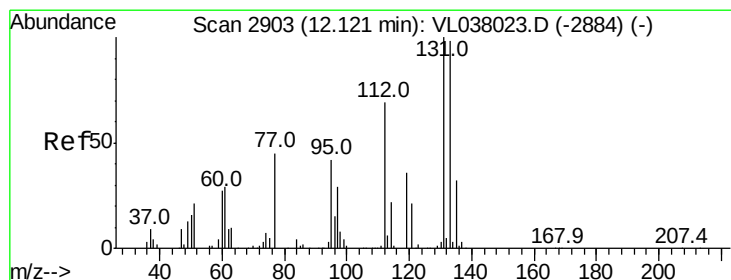
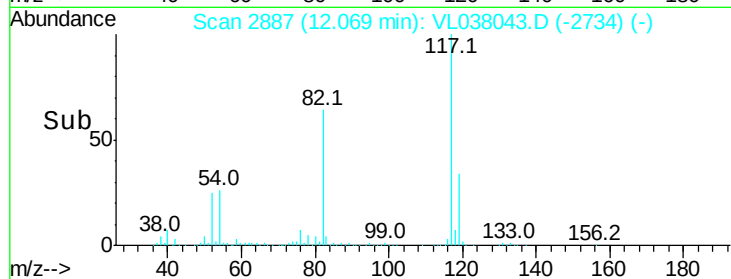
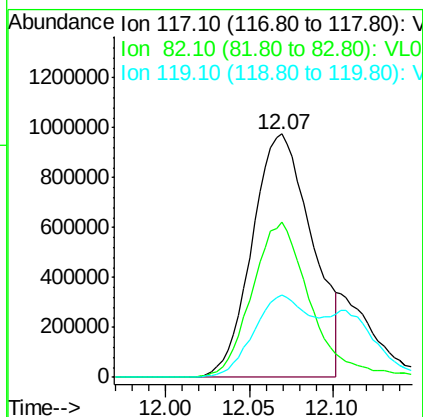
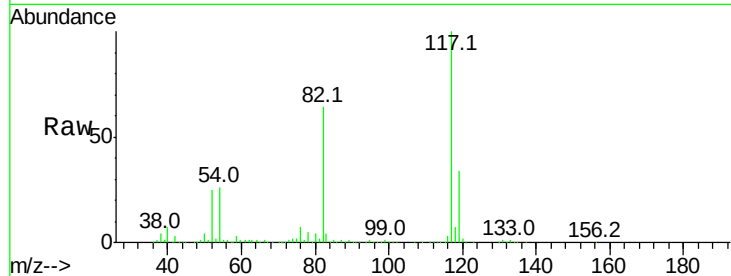


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:1
Ion Rati
117 100
82 64.
119 57.

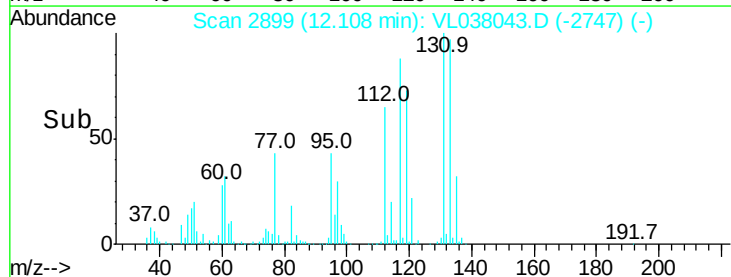
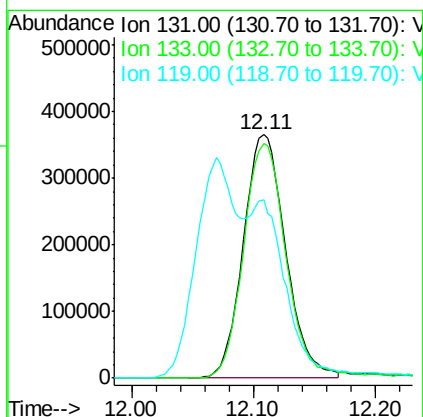
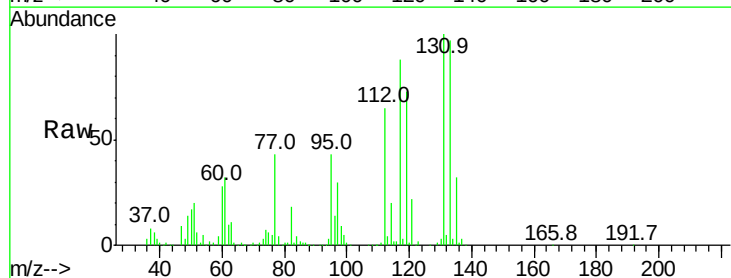
Manual Integrations
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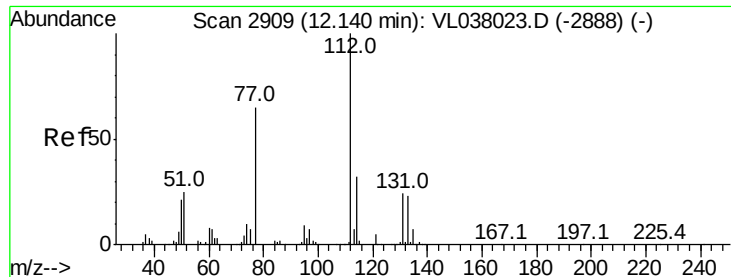
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.261 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion:131 Resp: 875619
Ion Ratio Lower Upper
131 100
133 99.9 79.4 119.2
119 159.0 122.4 183.6



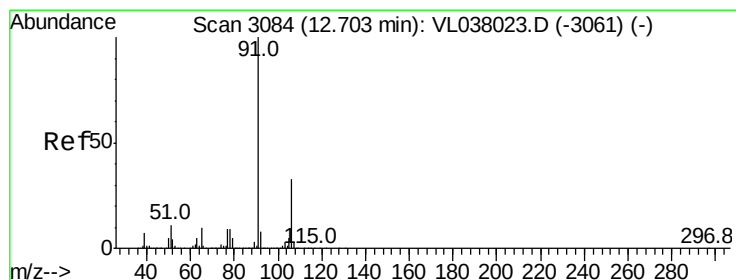
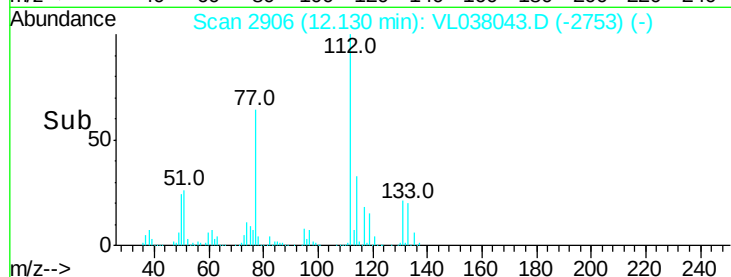
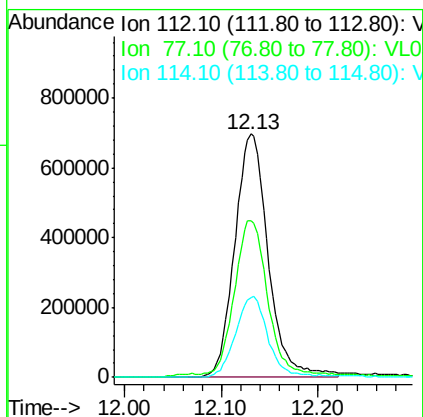
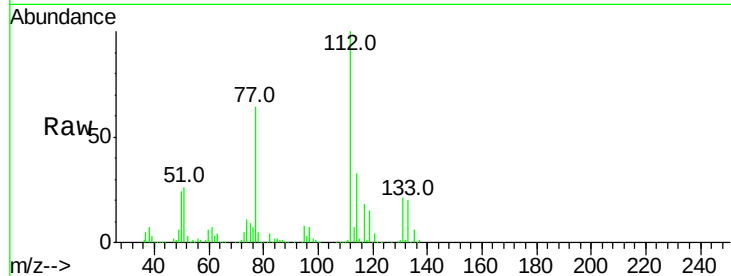


#57
Chlorobenzene
Concen: 8.429 ppbv
RT: 12.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion:1
Ion Rati
112 100
77 62.
114 32.

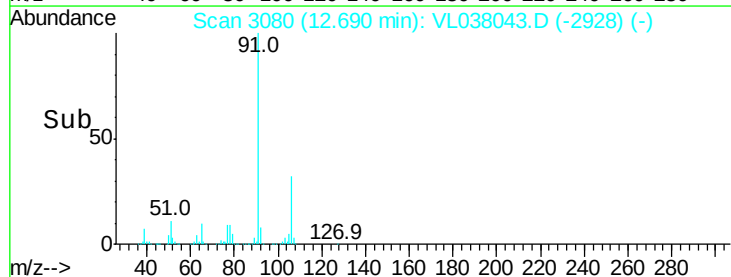
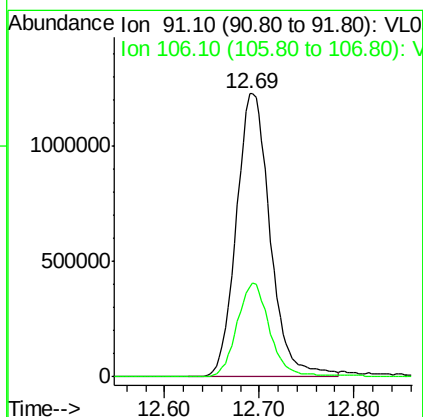
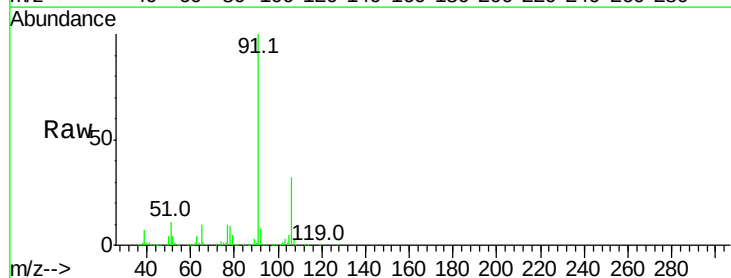
Manual Integrations
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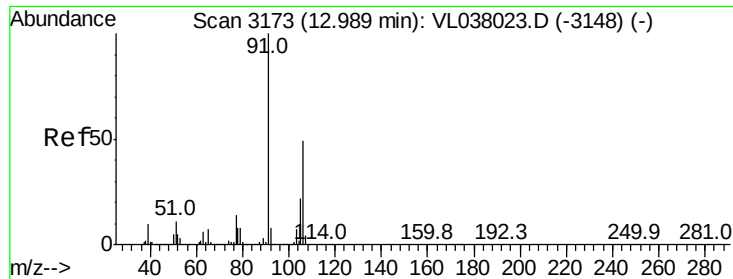
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
Ethyl Benzene
Concen: 8.305 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 91 Resp: 3061938
Ion Ratio Lower Upper
91 100
106 31.7 26.2 39.2



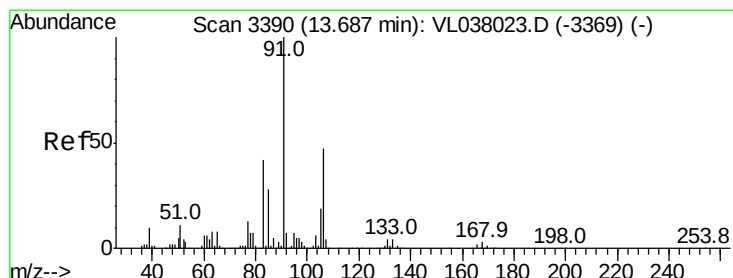
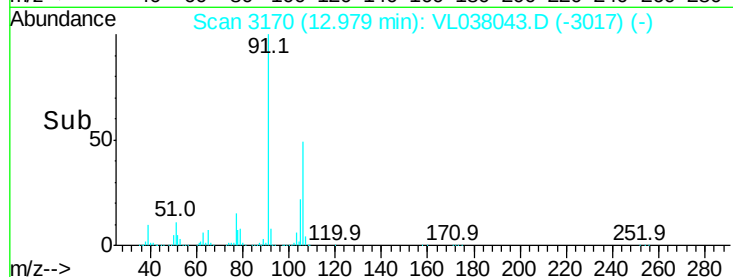
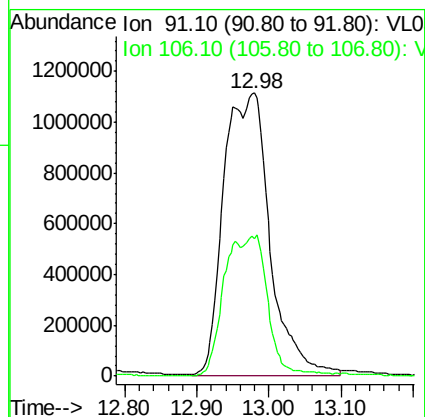
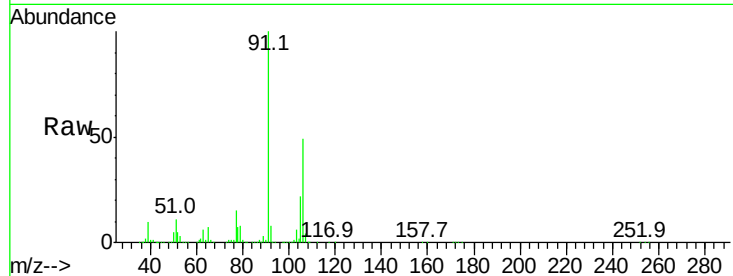


#59
m/p-Xylene
Concen: 16.308 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 16 Nov 2021 17:18
VSTDCCC010EC

Tot Ion:
Ion Ratio
91 100
106 47.

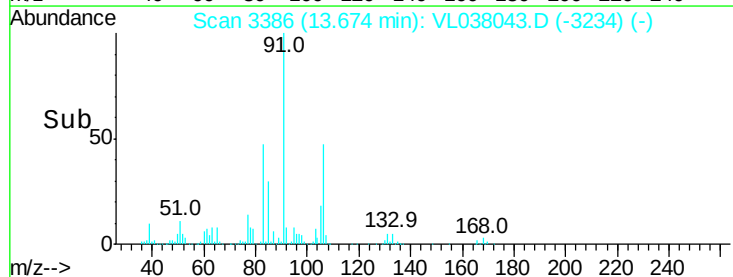
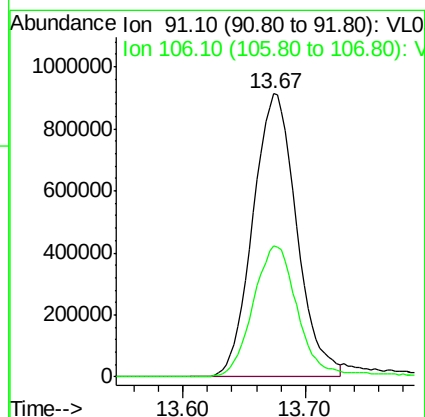
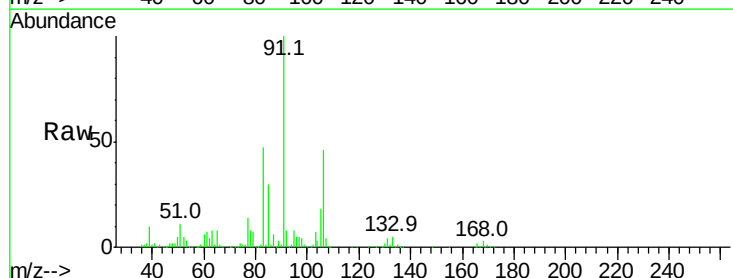
Manual Integrations
APPROVED

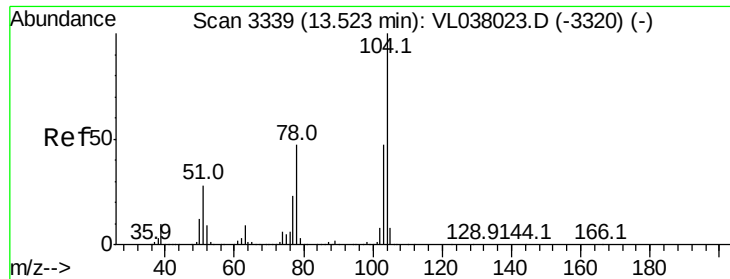
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
o-Xylene
Concen: 7.975 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 91 Resp: 2268005
Ion Ratio Lower Upper
91 100
106 48.6 24.4 73.2





#61

Stvrene

Concen: 8.399 ppbv

RT: 13.51

Delta R.T.

Lab File:

Acq: 16 Nov 2021

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010EC

17.18

Tot Ion:1

Ion Rati

104 100

78 49.

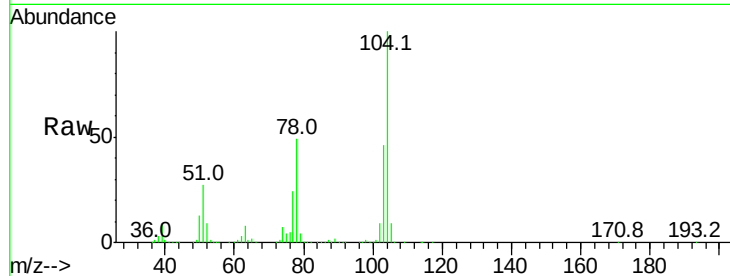
103 47.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

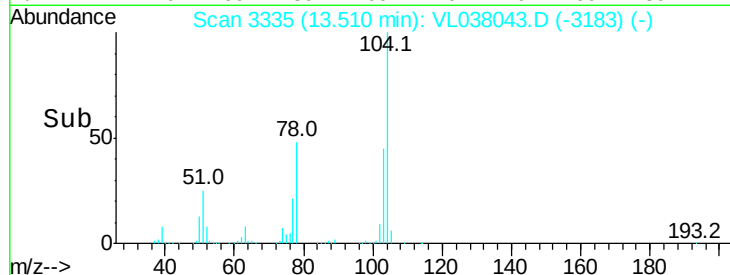
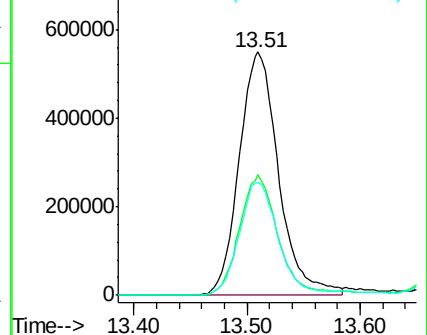
Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 8.259 ppbv

RT: 14.65 min Scan# 3690

Delta R.T. -0.01 min

Lab File: VL038043.D

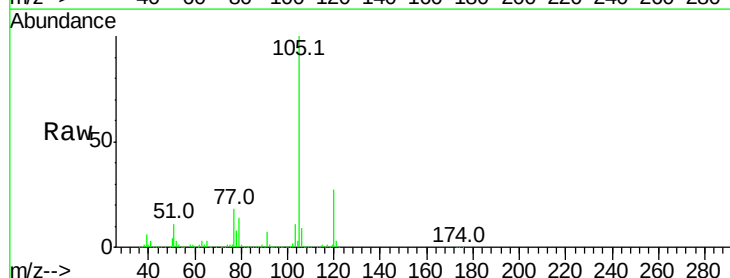
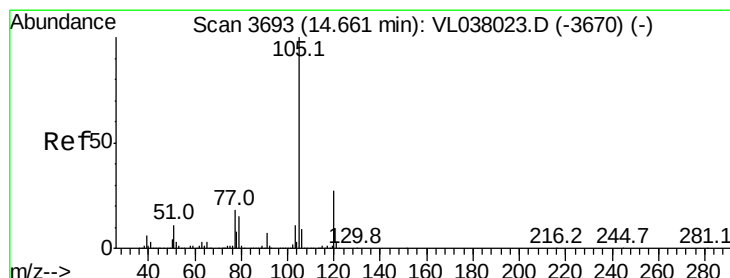
Acq: 16 Nov 2021 17:18

Tgt Ion:105 Resp: 3395906

Ion Ratio Lower Upper

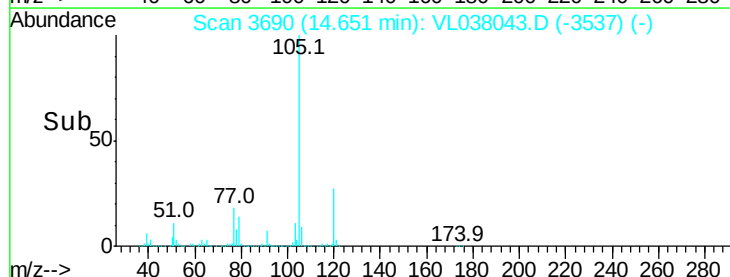
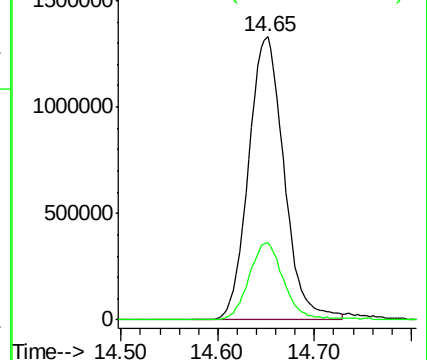
105 100

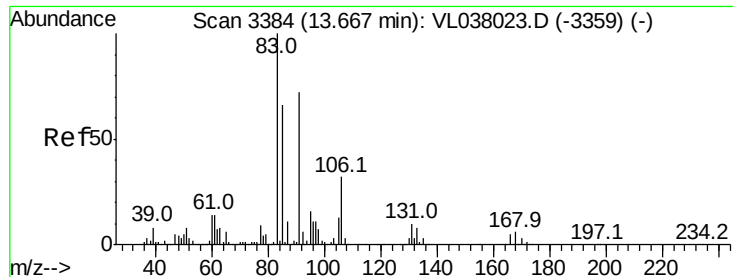
120 27.1 21.7 32.5



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 7.930 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:

Ion Ratio

83 100

131 9.

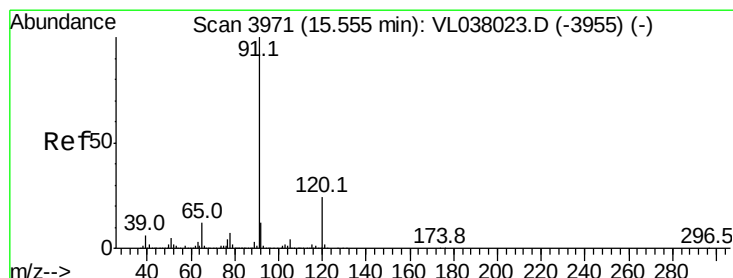
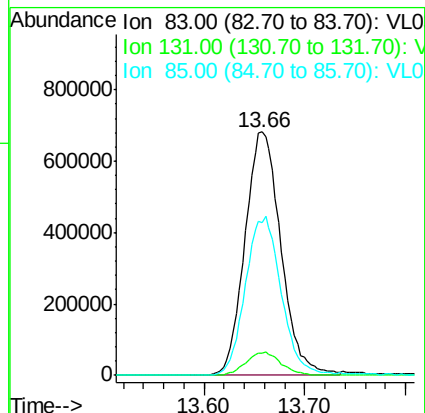
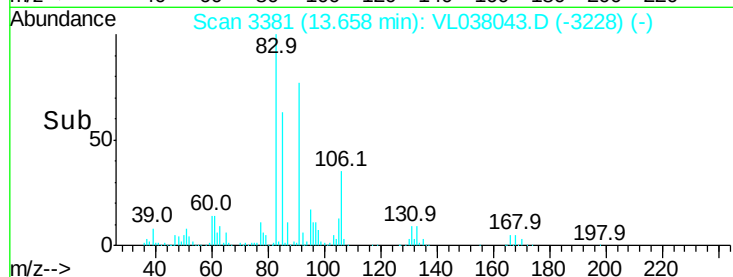
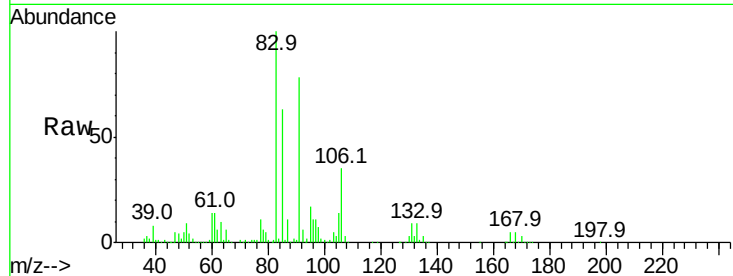
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#64

n-propylbenzene

Concen: 8.659 ppbv

RT: 15.55 min Scan# 3968

Delta R.T. -0.01 min

Lab File: VL038043.D

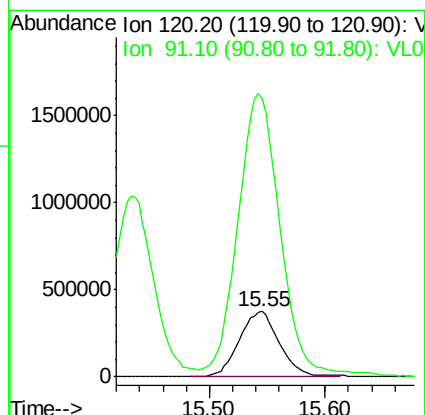
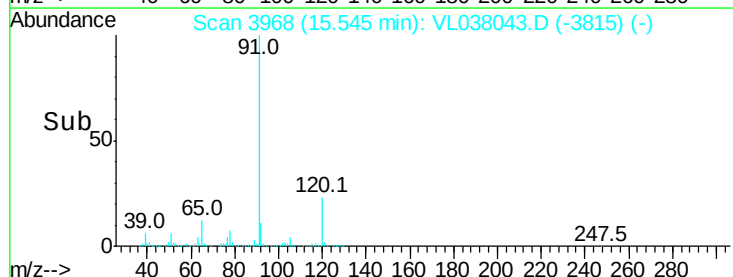
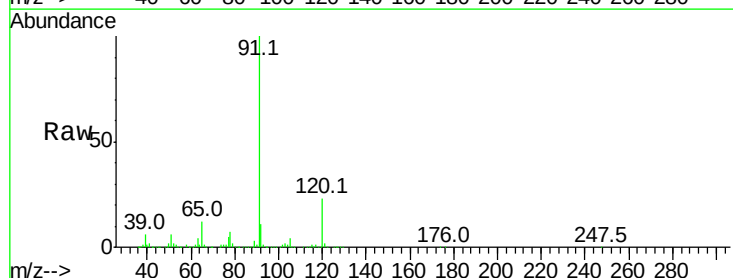
Acq: 16 Nov 2021 17:18

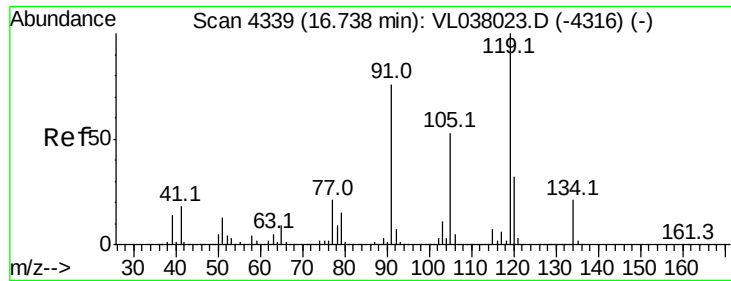
Tgt Ion:120 Resp: 907649

Ion Ratio Lower Upper

120 100

91 456.5 366.7 550.1



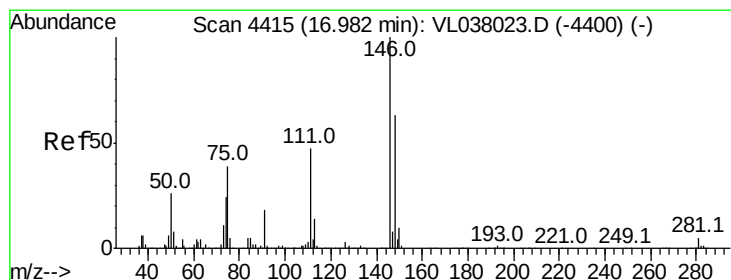
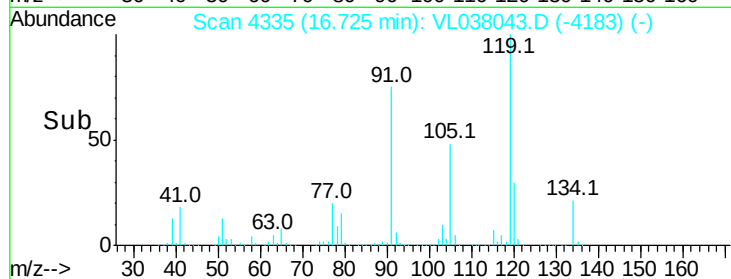
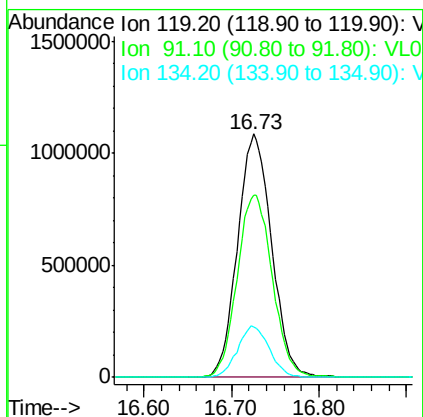
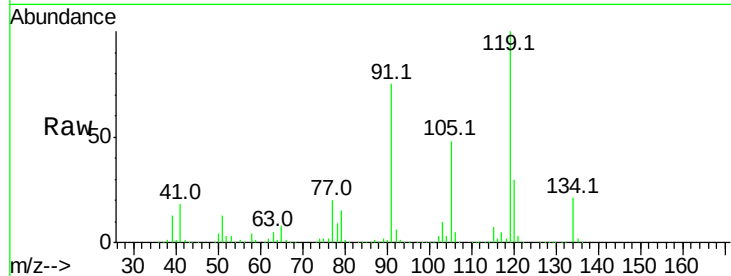


#65
tert-Butylbenzene
Concen: 8.140 ppbv
RT: 16.73 min
Delta R.T.: 0.01 min
Lab File: VSTDCCC010EC
Acq: 16 Nov 2021 17:18

Tot Ion: 1
Ion Ratio
119 100
91 77.
134 19.

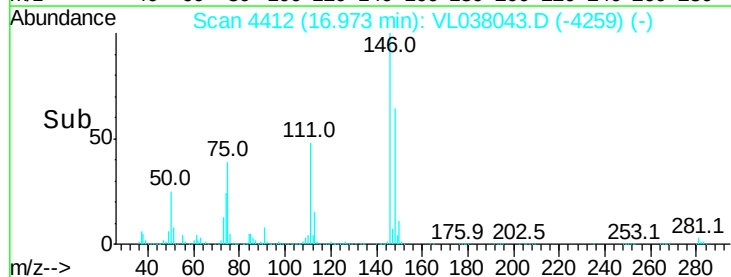
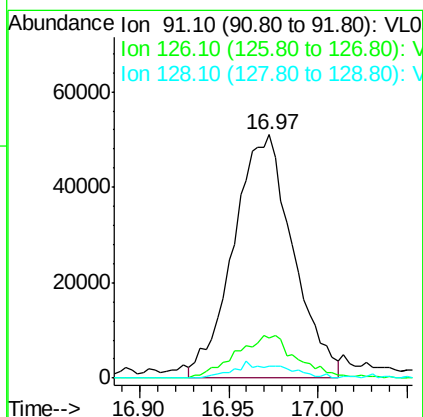
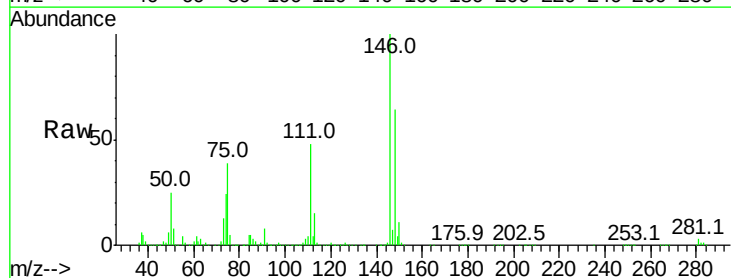
Manual Integrations
APPROVED

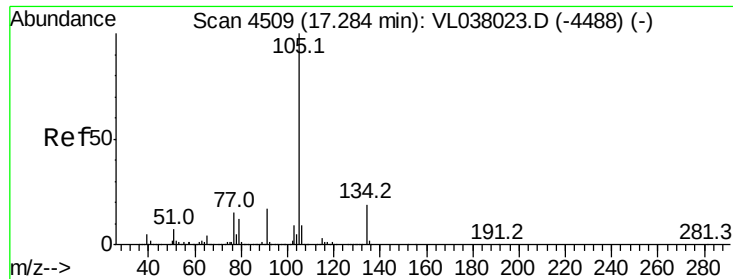
Reviewed By : Semsettin Yesilyurt 11/17/2021
Supervised By : Mahesh Dadoda 11/17/2021



#66
Benzyl Chloride
Concen: 4.674 ppbv m
RT: 16.97 min Scan# 4412
Delta R.T.: -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion: 91 Resp: 117763
Ion Ratio Lower Upper
91 100
126 18.2 16.4 24.6
128 5.8 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.318 ppbv

RT: 17.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:1

Ion Ratio

105 100

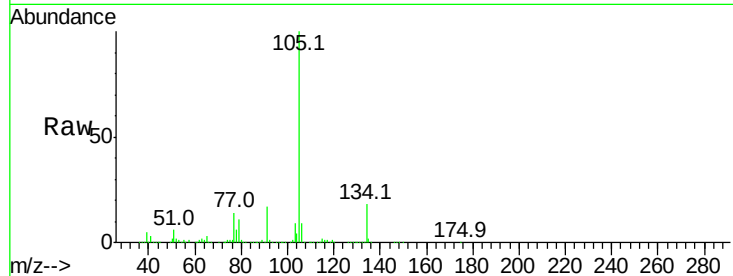
134 18.

Manual Integrations

APPROVED

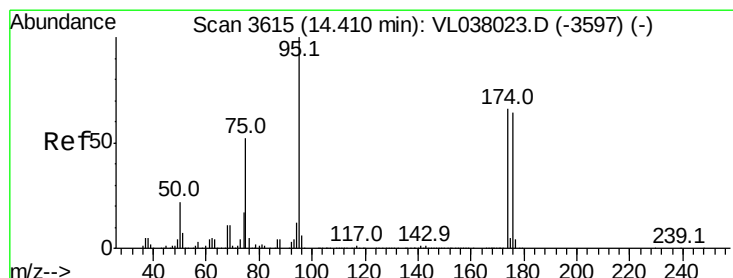
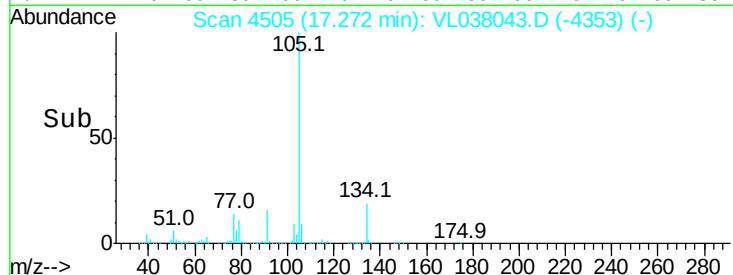
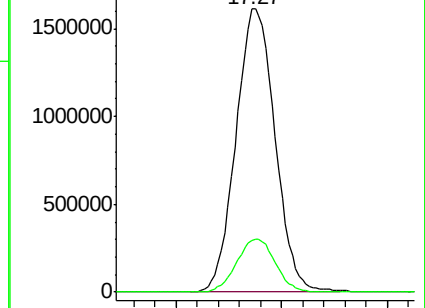
Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.218 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

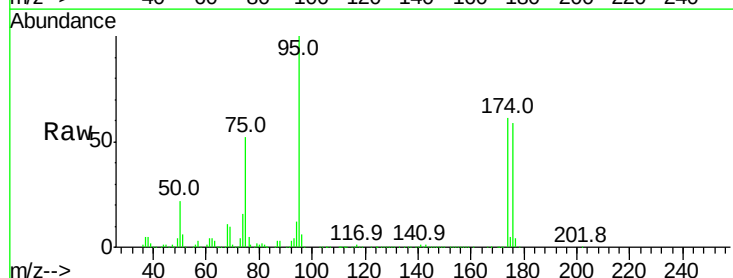
Tgt Ion: 95 Resp: 1792128

Ion Ratio Lower Upper

95 100

174 65.8 55.0 82.6

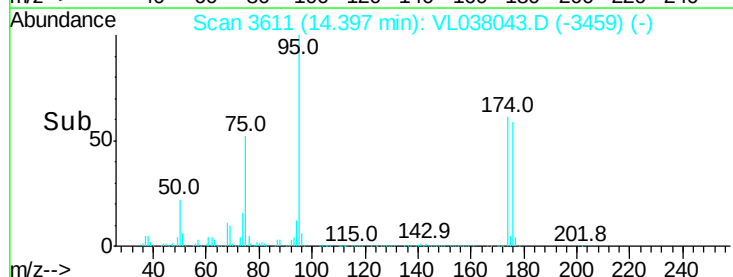
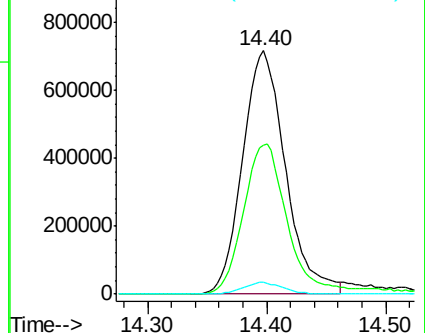
175 4.9 4.2 6.2

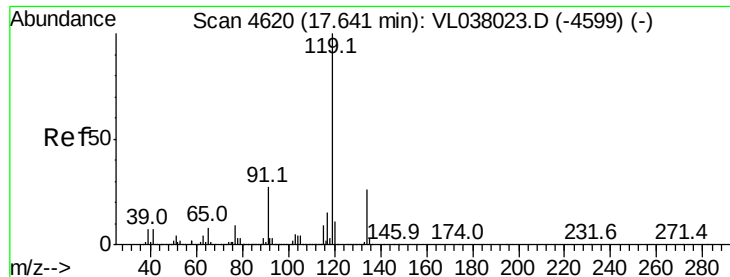


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



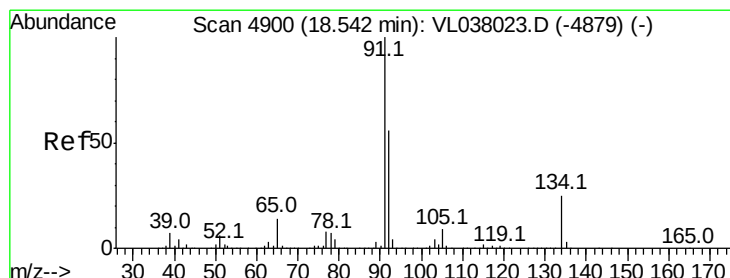
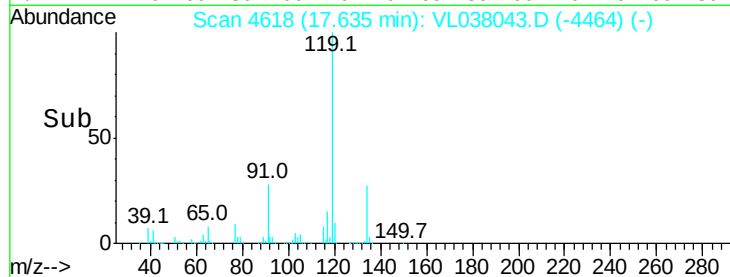
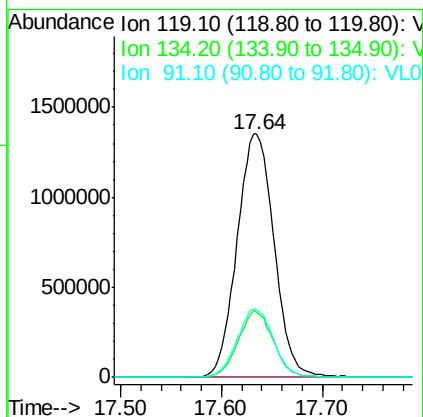
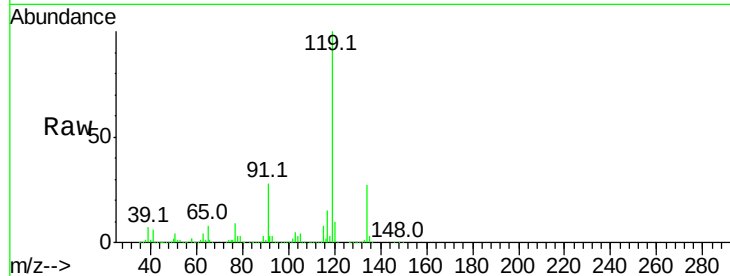


#69
 p-Isopropyltoluene
 Concen: 8.563 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_1
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 16 Nov 2021 17:18

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 27.

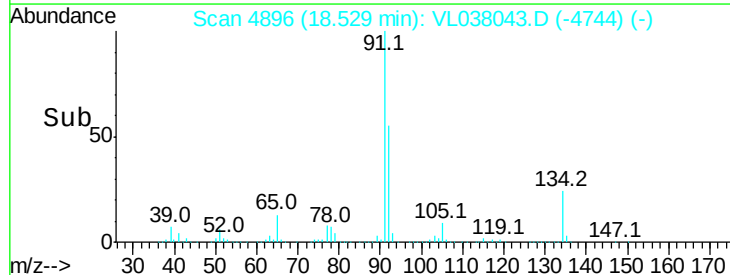
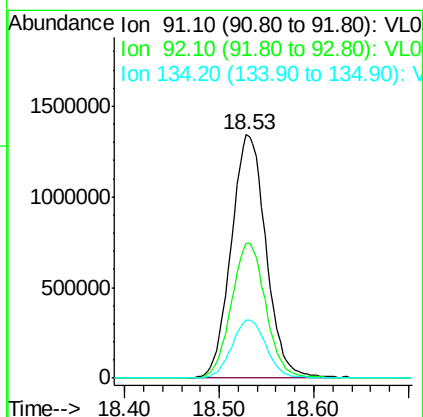
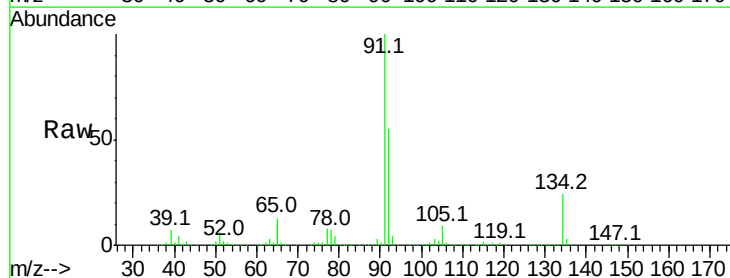
Manual Integrations
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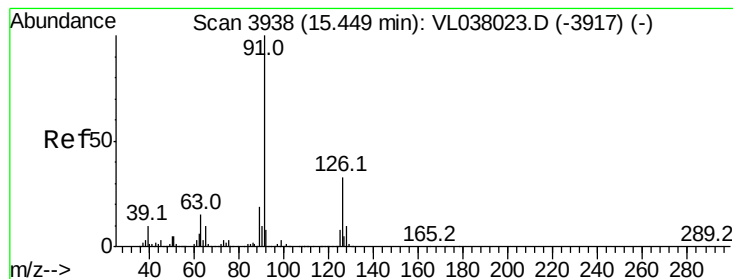
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021



#70
 n-Butylbenzene
 Concen: 9.292 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T.: -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion: 91 Resp: 3422640
 Ion Ratio Lower Upper
 91 100
 92 55.2 44.4 66.6
 134 23.8 19.7 29.5



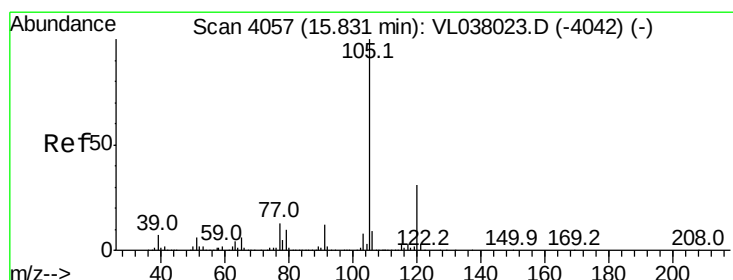
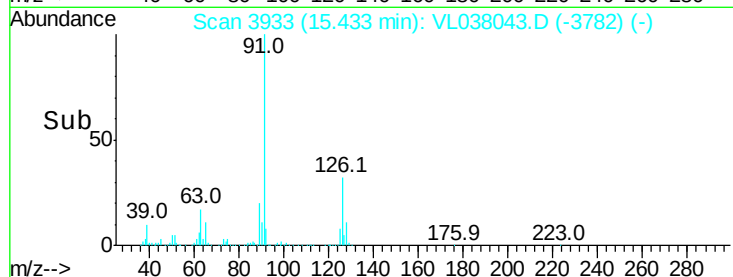
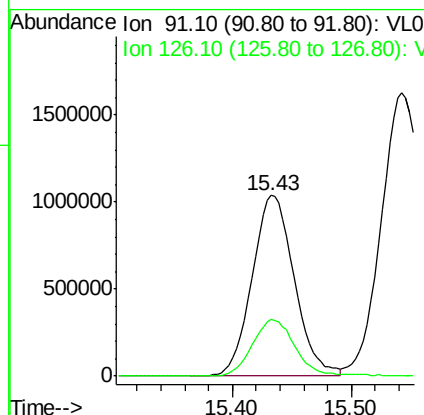
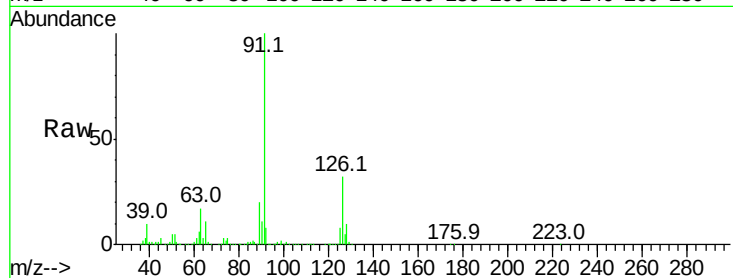


#71
 2-Chlorotoluene
 Concen: 8.654 ppbv
 RT: 15.43
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 16 Nov 2021 17:18

Tot Ion:
 Ion Ratio
 91 100
 126 32.

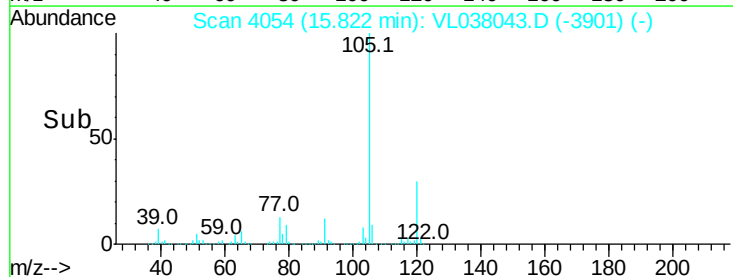
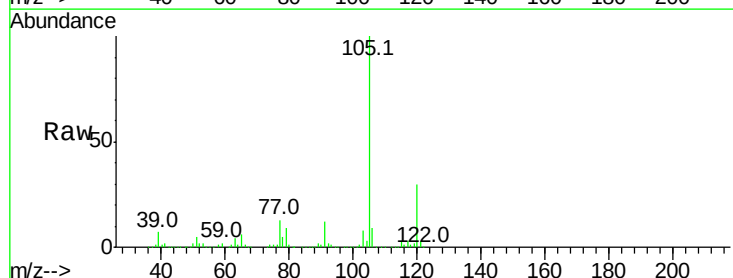
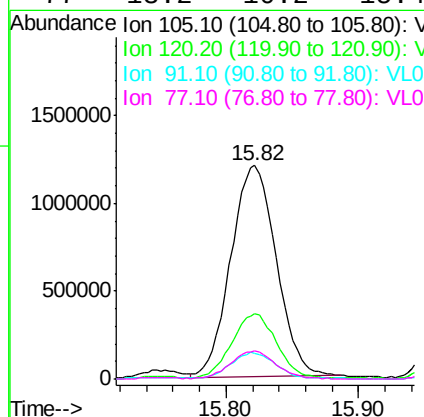
Manual Integrations
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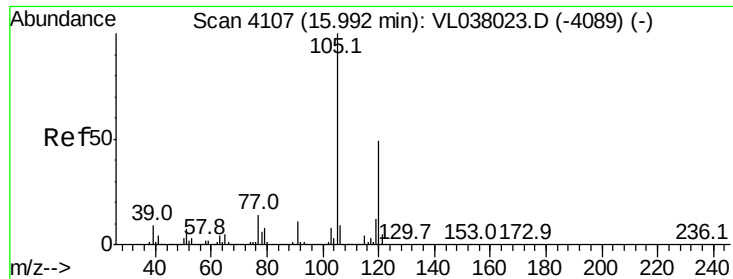
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#72
 4-Ethyltoluene
 Concen: 8.449 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:105 Resp: 2865115
 Ion Ratio Lower Upper
 105 100
 120 31.0 24.7 37.1
 91 12.3 9.3 13.9
 77 13.2 10.2 15.4





#73

1,3,5-Trimethylbenzene

Concen: 8.398 ppbv

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion:1

Ion Rati

105 100

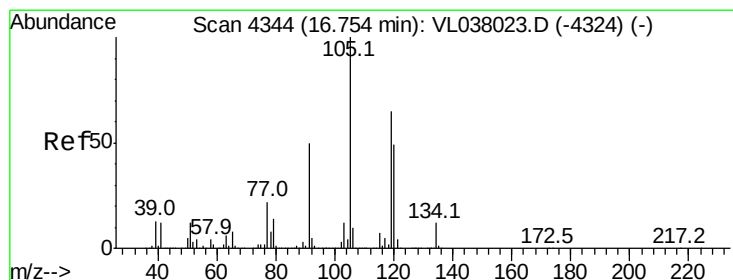
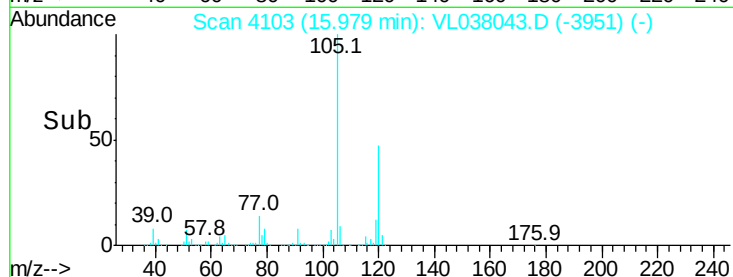
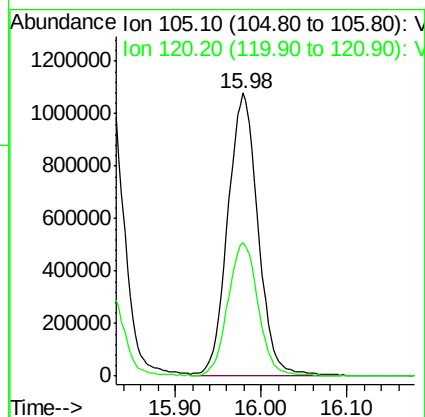
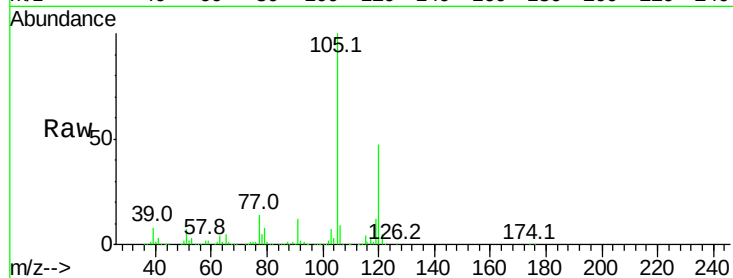
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.395 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

Tgt Ion:105 Resp: 2621530

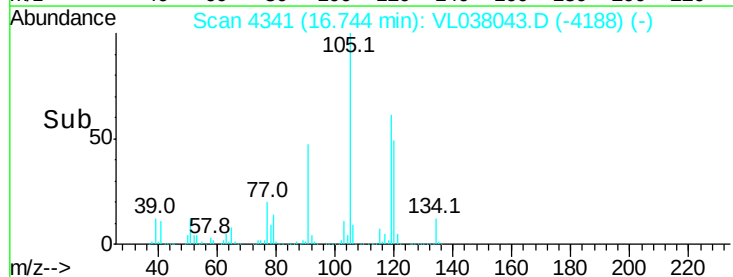
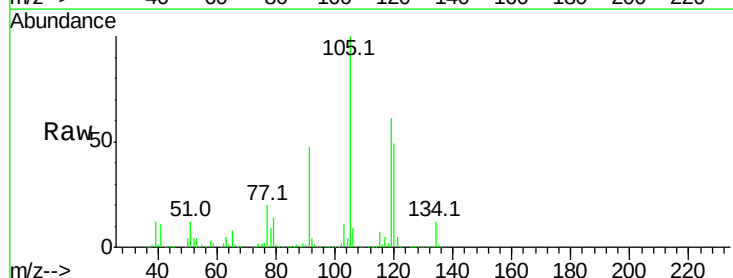
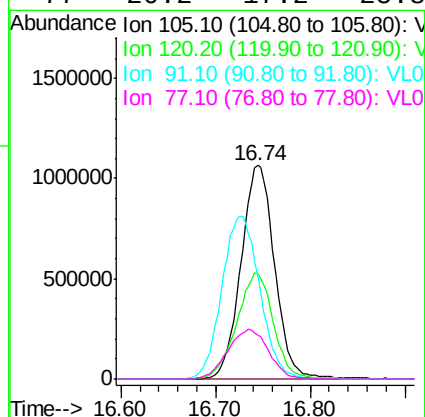
Ion Ratio Lower Upper

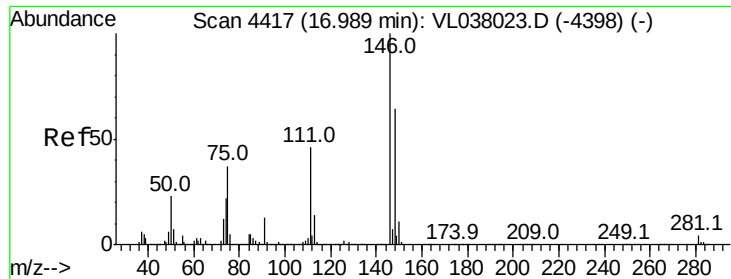
105 100

120 49.4 39.5 59.3

91 47.1 40.9 61.3

77 20.2 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.205 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 16 Nov 2021 17:18 VSTDCCC010EC

Tot Ion:1

Ion Rati

146 100

111 47.

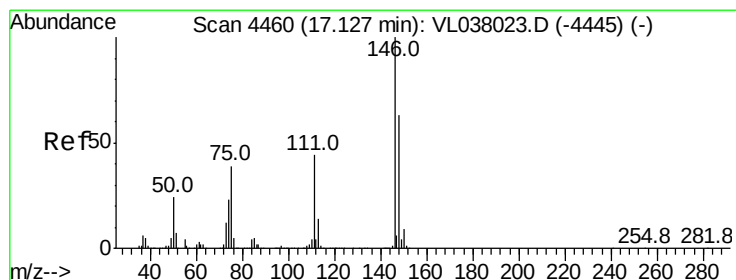
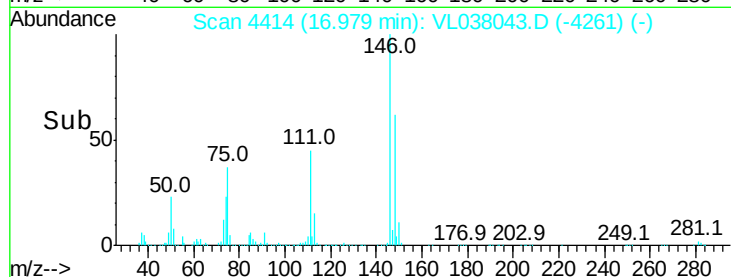
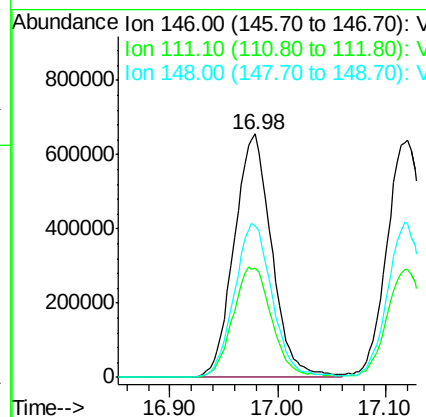
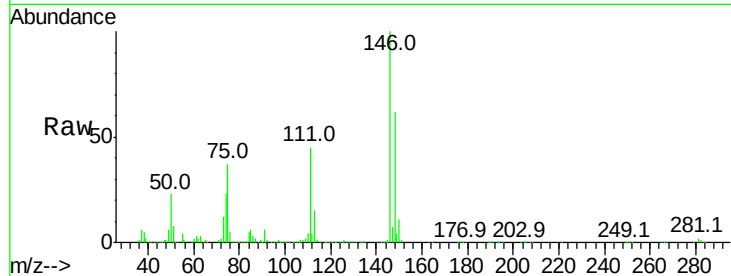
148 64.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,4-Dichlorobenzene

Concen: 8.764 ppbv

RT: 17.12 min Scan# 4458

Delta R.T. -0.01 min

Lab File: VL038043.D

Acq: 16 Nov 2021 17:18

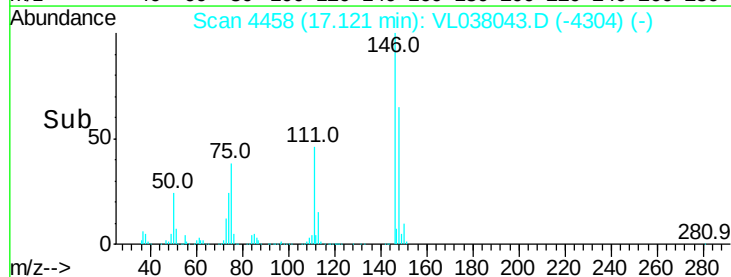
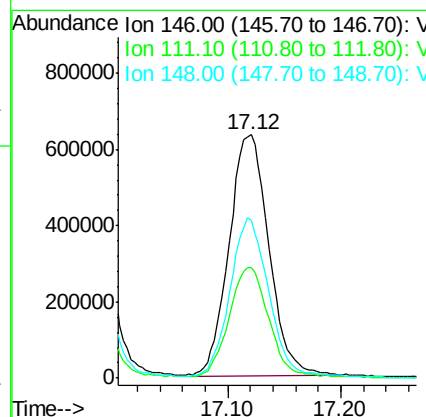
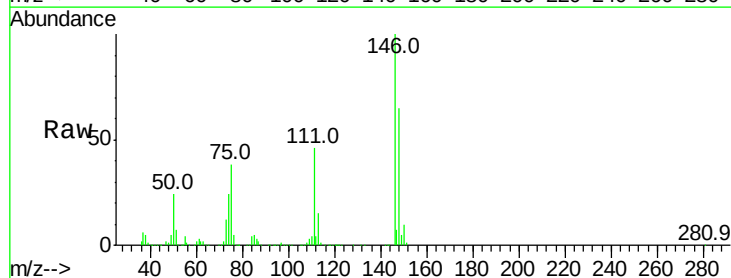
Tgt Ion:146 Resp: 1547329

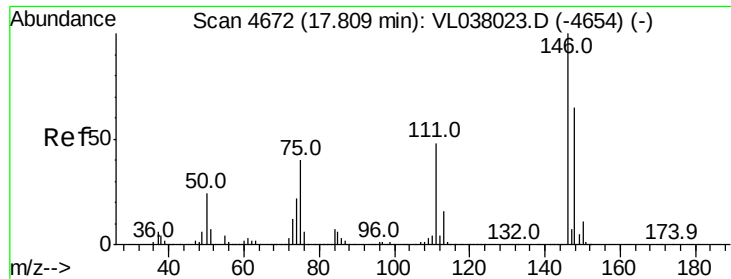
Ion Ratio Lower Upper

146 100

111 47.1 22.4 67.2

148 65.7 32.4 97.2



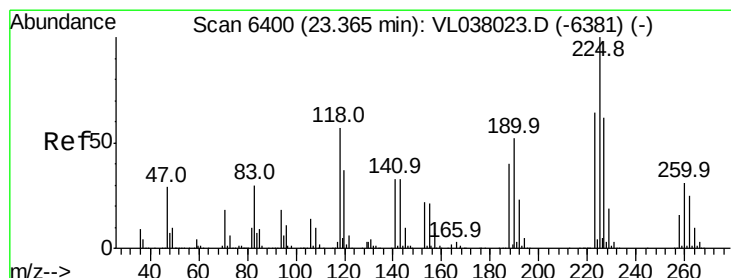
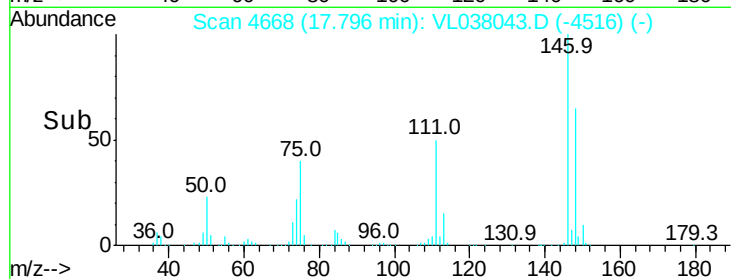
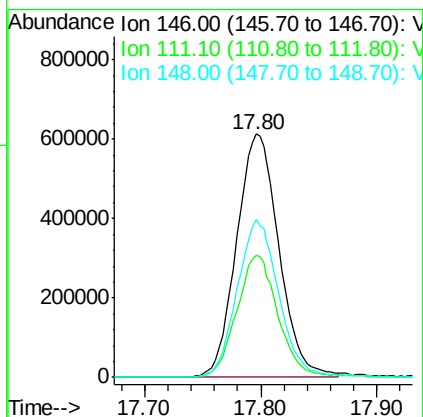
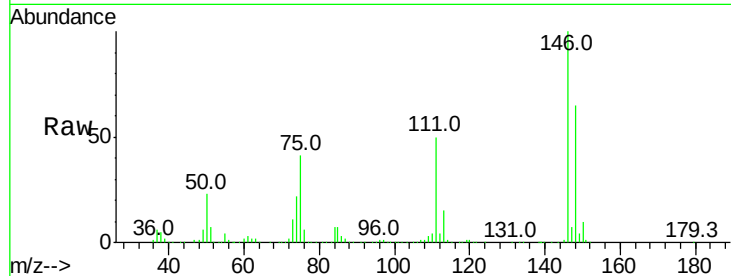


#77
 1,2-Dichlorobenzene
 Concen: 9.327 ppbv
 RT: 17.80 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampled :
 VSTDCCC010EC
 Acq: 16 Nov 2021 17:18

Tot Ion:1
 Ion Rati
 146 100
 111 49.
 148 64.

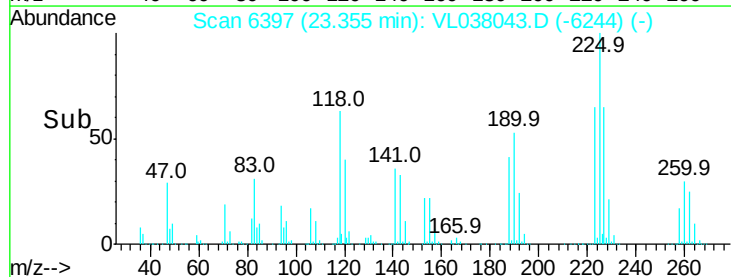
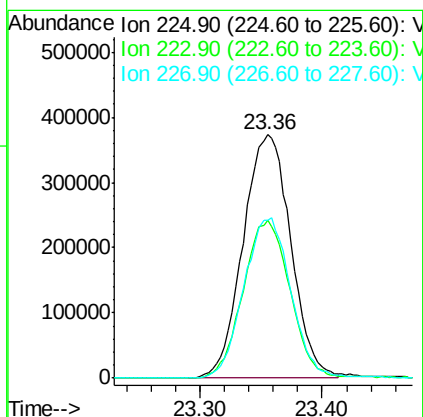
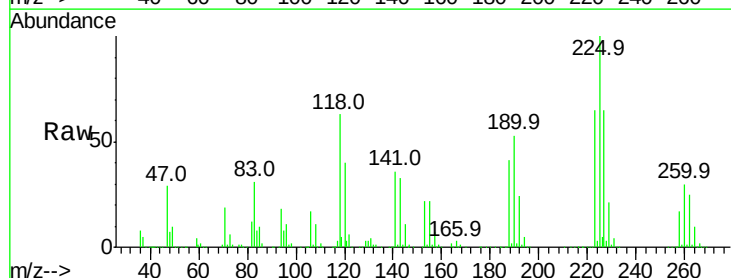
Manual Integrations
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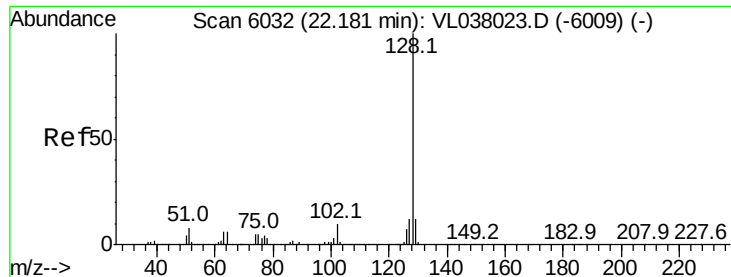
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.437 ppbv
 RT: 23.36 min Scan# 6397
 Delta R.T.: -0.01 min
 Lab File: VL038043.D
 Acq: 16 Nov 2021 17:18

Tgt Ion:225 Resp: 1011699
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.0 76.4
 227 65.7 51.4 77.2



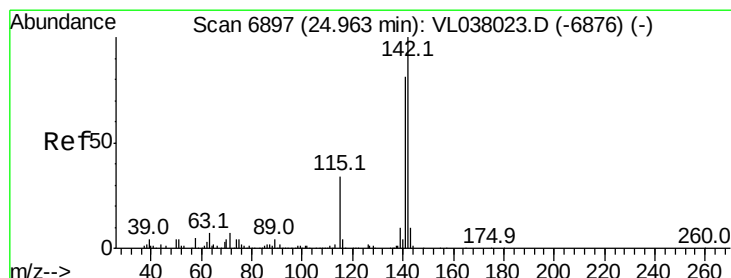
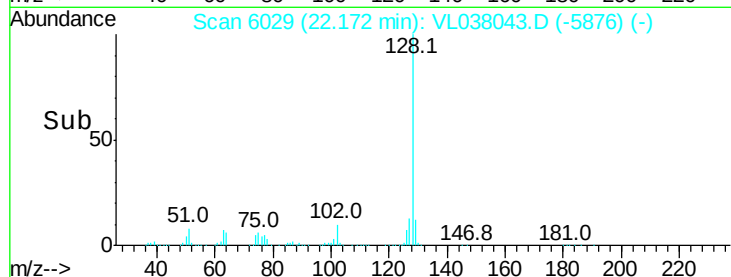
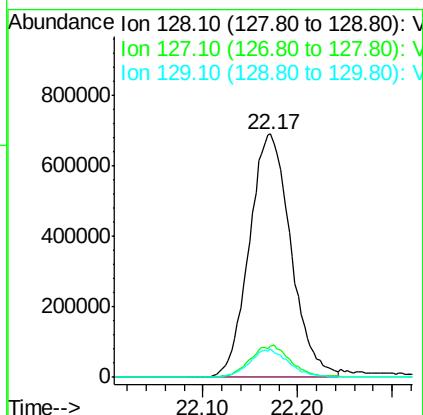
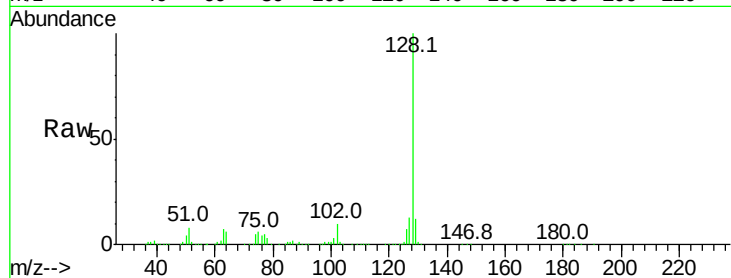


#79
Naphthalene
Concen: 12.279 ppbv
RT: 22.17 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 16 Nov 2021 17:18

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

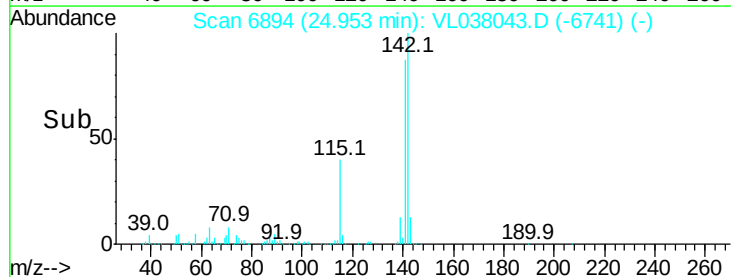
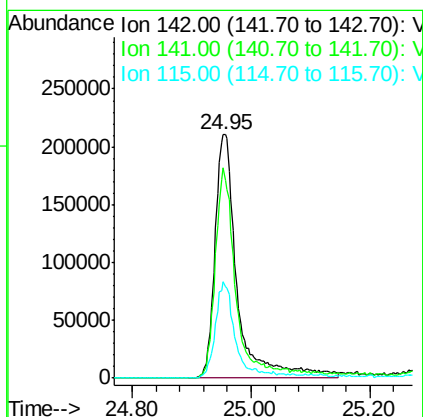
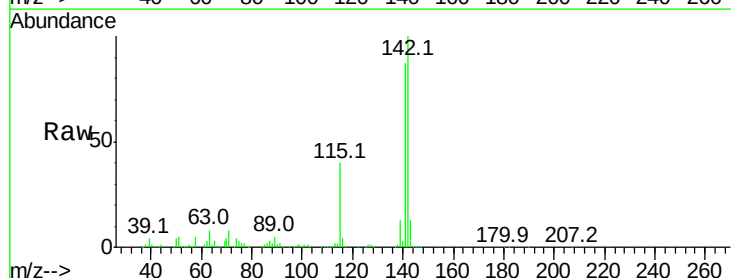
Manual Integrations
APPROVED

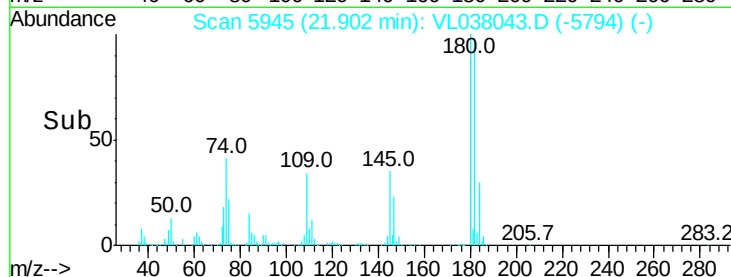
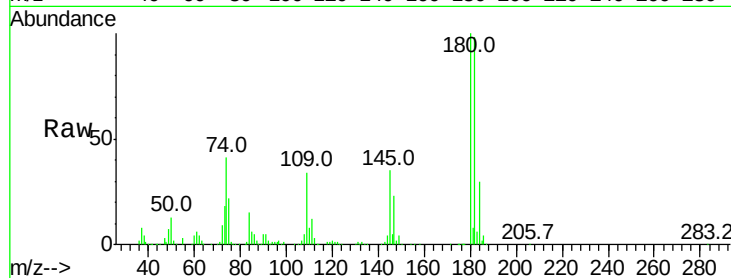
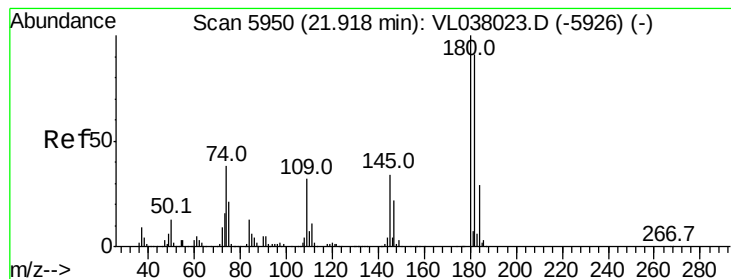
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
Naphthalene, 2-methyl-
Concen: 17.075 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL038043.D
Acq: 16 Nov 2021 17:18

Tgt Ion:142 Resp: 552293
Ion Ratio Lower Upper
142 100
141 82.9 76.2 114.4
115 36.5 29.2 43.8





#81

1,2,4-Trichlorobenzene

Concen: 11.450 ppbv

RT: 21.90

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

VSTDCCC010EC

Acq: 16 Nov 2021 17:18

Tot Ion:1

Ion Rati

180 100

182 99.

184 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021

