

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030322\
 Data File : VL038510.D
 Acq On : 3 Mar 2022 12:11
 Operator : SY/AP
 Sample : VL0303ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0303ABS01

Manual Integrations
 APPROVED

Quant Time: Mar 04 05:39:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	830449	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	1981486	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.07	117	1847033m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1634665	10.70	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.05	85	1068246	8.12	ppbv	98
3) Chlorodifluoromethane	2.99	51	1505698	10.27	ppbv	99
4) Chloromethane	3.14	50	524036	10.28	ppbv	97
5) Vinyl Chloride	3.26	62	519179	9.75	ppbv	98
6) Bromomethane	3.47	94	296467	10.55	ppbv	98
7) Chloroethane	3.56	64	186073	10.88	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1268726	10.37	ppbv	99
9) Propene	3.01	41	483523	9.99	ppbv	98
10) Heptane	8.11	43	1264001	10.72	ppbv	99
11) Trichlorofluoromethane	3.95	101	1312378	10.42	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	951925	10.31	ppbv	99
13) Ethanol	3.60	45	44803	9.27	ppbv	96
14) Bromoethene	3.74	108	380777	10.35	ppbv	100
15) Acetone	3.85	43	649046	9.19	ppbv	99
16) 1,3-Butadiene	3.33	39	485247	10.29	ppbv	95
17) tert-Butyl alcohol	4.28	59	768838	10.91	ppbv	100
18) 1,1-Dichloroethene	4.29	96	413850	10.21	ppbv	99
19) Isopropyl Alcohol	3.96	45	420760	10.29	ppbv	# 97
20) Methylene Chloride	4.34	84	324043	9.26	ppbv	95
21) Allyl Chloride	4.41	41	626074	10.50	ppbv	99
22) trans-1,2-Dichloroethene	4.88	96	436873	10.68	ppbv	96
23) Vinyl Acetate	5.07	43	999268	10.68	ppbv	99
24) 1,1-Dichloroethane	5.01	63	888530	10.56	ppbv	99
25) Ethyl Acetate	5.67	43	1983720	10.46	ppbv	100
26) Hexane	5.68	57	902843	10.51	ppbv	98
27) Carbon Disulfide	4.55	76	1054682	11.04	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	906764	10.36	ppbv	99
29) Chloroform	5.74	83	1494038	10.65	ppbv	99
30) Cyclohexane	7.12	84	760237	10.82	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	905307	10.88	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	1492733	10.58	ppbv	100
34) 2-Butanone	5.23	43	683795	10.97	ppbv	100
35) Carbon Tetrachloride	7.01	117	1542291	11.07	ppbv	99
36) Benzene	6.88	78	1855667	10.64	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1125417	11.16	ppbv	99
38) Trichloroethene	7.83	130	650529	10.24	ppbv	99
39) 1,2-Dichloropropane	7.60	63	734871	10.58	ppbv	95
40) 1,4-Dioxane	7.82	88	172461	10.46	ppbv	# 1
41) Tetrahydrofuran	6.04	42	447336	10.62	ppbv	99
42) Bromodichloromethane	7.78	83	1602504	11.01	ppbv	100
43) Methyl Methacrylate	8.01	69	683434	11.27	ppbv	100

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022

Quant Time: Mar 04 05:39:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	3212505	10.71	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	558115	11.52	ppbv	99
46) cis-1,3-Dichloropropene	8.69	75	714440	11.25	ppbv	97
47) 1,1,2-Trichloroethane	9.46	97	724449	10.48	ppbv	97
48) Dibromochloromethane	10.29	129	1209210	10.70	ppbv	99
49) Bromoform	13.03	173	811752	9.73	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1272627	11.55	ppbv	99
51) 2-Hexanone	10.13	43	549835	11.15	ppbv #	99
52) Tetrachloroethene	11.21	164	552961	9.55	ppbv	96
53) Toluene	9.80	91	2039550	10.77	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1037599	10.66	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	796730	10.35	ppbv	96
57) Chlorobenzene	12.14	112	1372380	9.63	ppbv	98
58) Ethyl Benzene	12.70	91	2622611	10.38	ppbv	97
59) m/p-Xylene	12.99	91	4436157m	20.45	ppbv	
60) o-Xylene	13.68	91	2054434	10.02	ppbv	100
61) Styrene	13.52	104	983818	10.40	ppbv	97
62) Isopropylbenzene	14.66	105	2647057	9.62	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	1383840	8.31	ppbv	100
64) n-propylbenzene	15.55	120	644038	9.45	ppbv	89
65) tert-Butylbenzene	16.73	119	2172192	9.11	ppbv	98
66) Benzyl Chloride	16.98	91	111456m	8.65	ppbv	
67) sec-Butylbenzene	17.28	105	3044230	9.01	ppbv	99
69) p-Isopropyltoluene	17.64	119	2418402	9.12	ppbv	98
70) n-Butylbenzene	18.54	91	2583814	9.41	ppbv	99
71) 2-Chlorotoluene	15.44	91	1955481	9.24	ppbv	100
72) 4-Ethyltoluene	15.82	105	2183726	9.67	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	1895401	9.24	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	1990023	9.19	ppbv	99
75) 1,3-Dichlorobenzene	16.98	146	1049575	8.65	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	982257	8.21	ppbv	98
77) 1,2-Dichlorobenzene	17.80	146	978599	8.38	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	788785	8.86	ppbv	99
79) Naphthalene	22.18	128	1474659	12.56	ppbv	98
80) Naphthalene,2-methyl-	24.96	142	213233	9.30	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	789162	11.12	ppbv	100

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

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ClientSampleId :
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Manual Integrations
APPROVED

Quant Time: Mar 04 05:39:04 2022

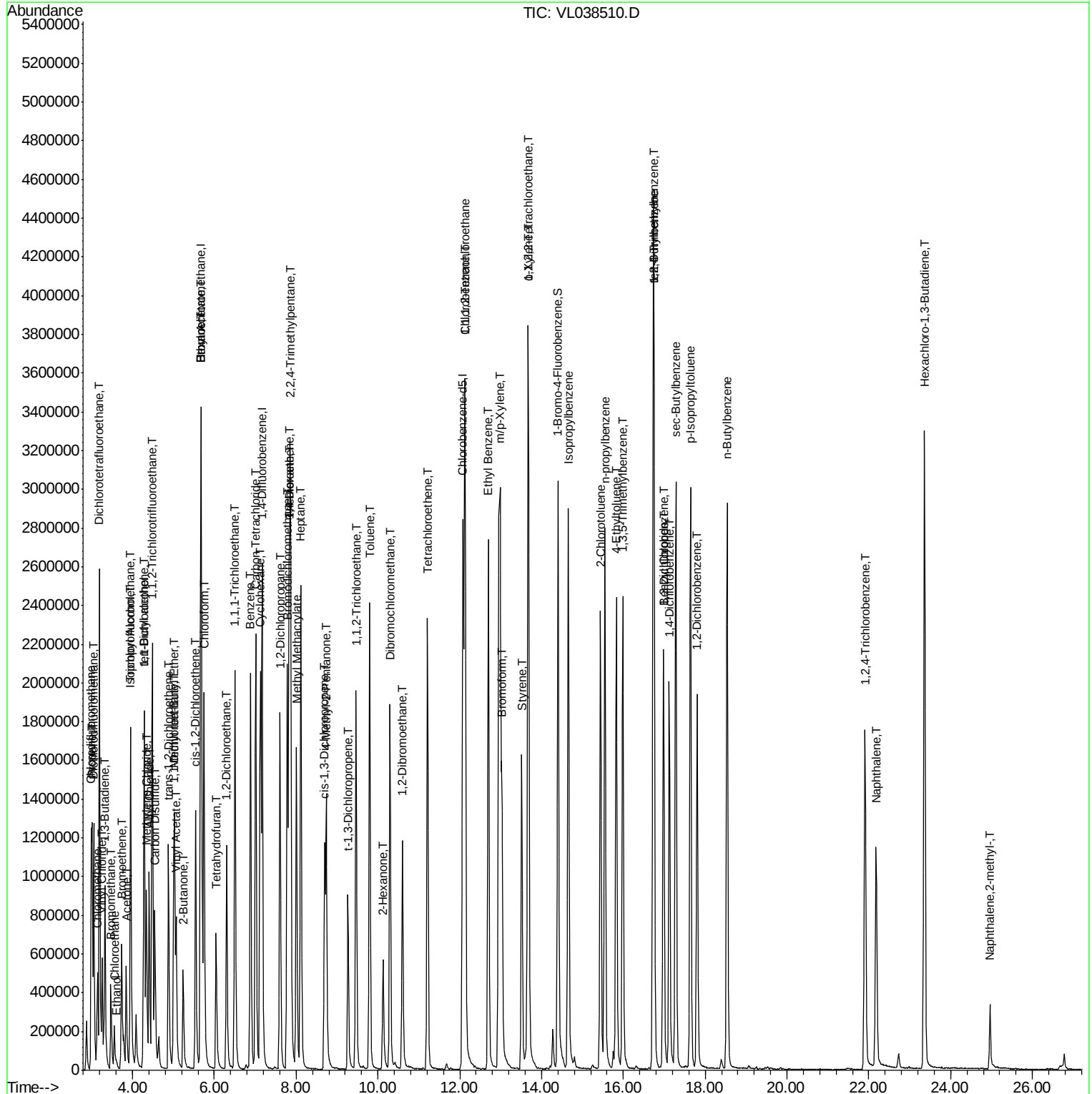
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222

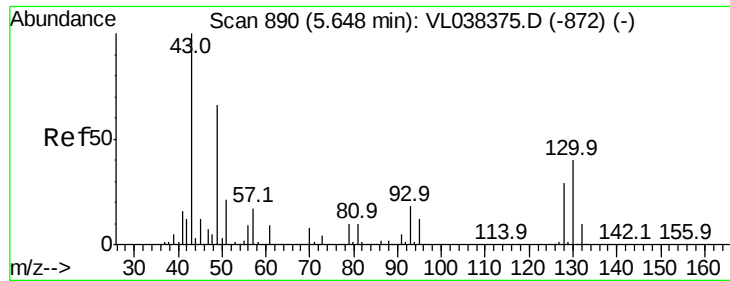
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/05/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL0303ABS01

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

49 100

128 47.

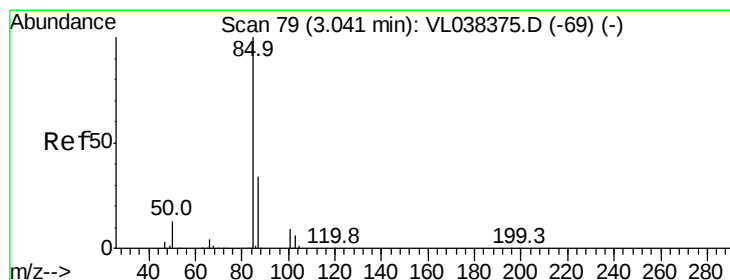
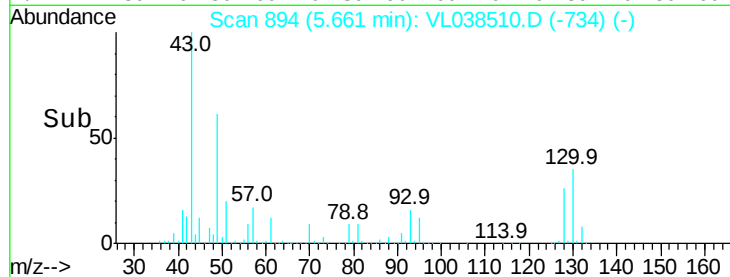
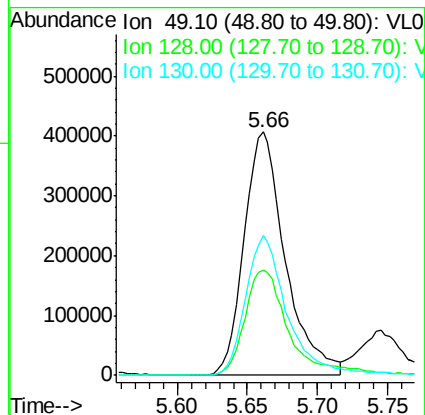
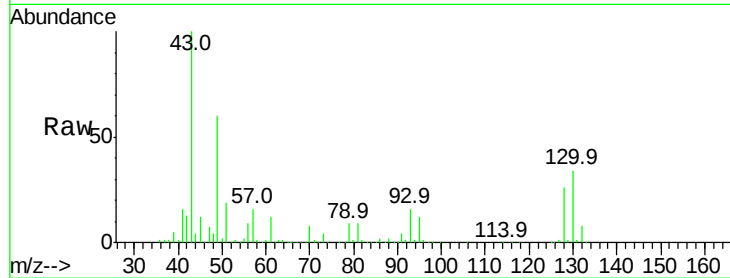
130 58.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#2

Dichlorodifluoromethane

Concen: 8.12 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.01 min

Lab File: VL038510.D

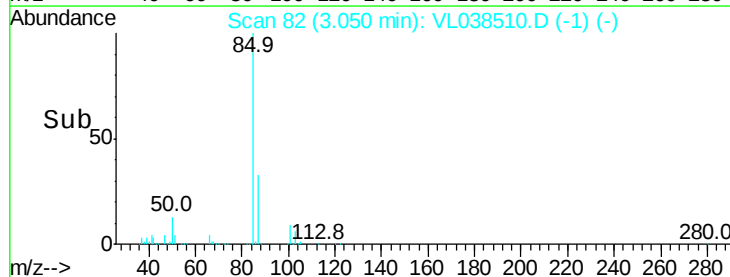
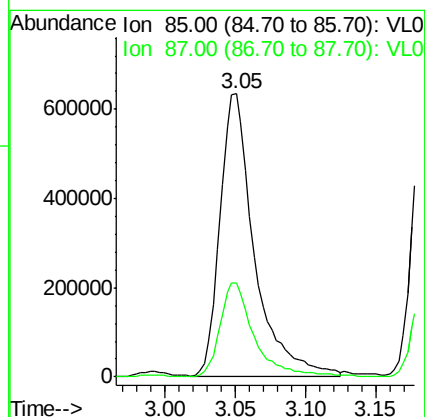
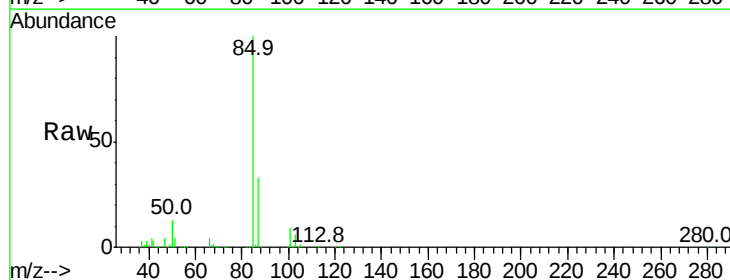
Acq: 3 Mar 2022 12:11

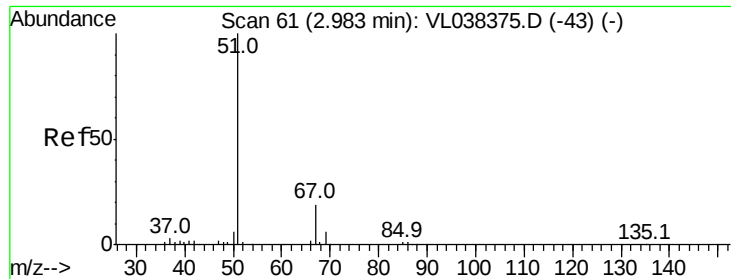
Tgt Ion: 85 Resp: 1068246

Ion Ratio Lower Upper

85 100

87 33.2 27.4 41.0





#3

Chlorodifluoromethane

Concen: 10.27 ppbv

RT: 2.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

51 100

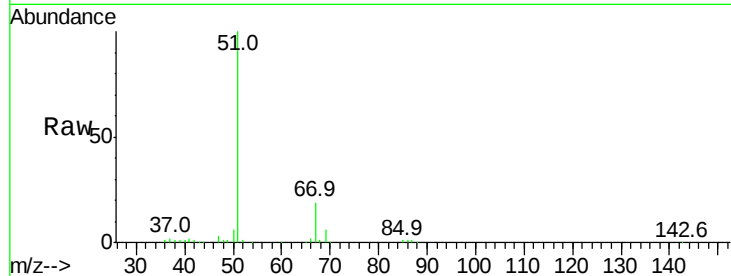
67 18.

Manual Integrations

APPROVED

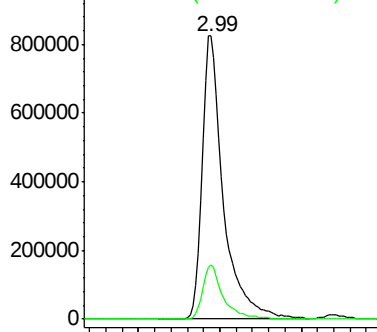
Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022

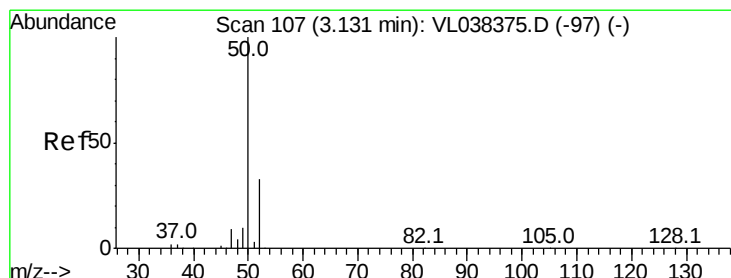
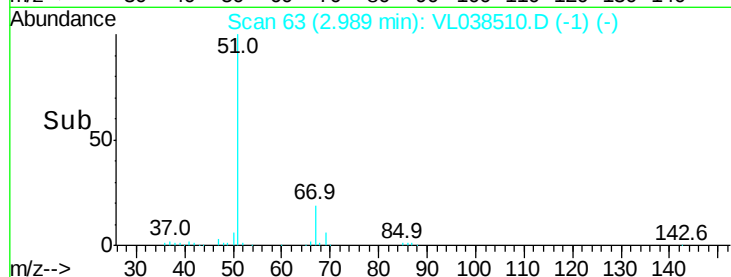


Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



Time-->



#4

Chloromethane

Concen: 10.28 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.01 min

Lab File: VL038510.D

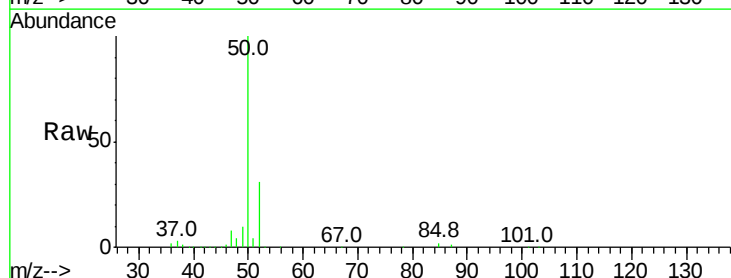
Acq: 3 Mar 2022 12:11

Tgt Ion: 50 Resp: 524036

Ion Ratio Lower Upper

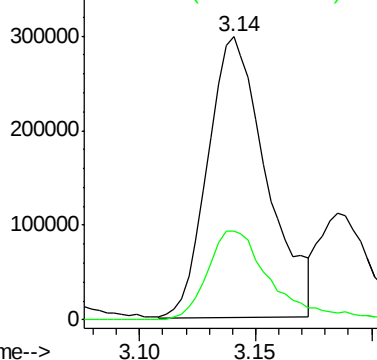
50 100

52 31.5 26.5 39.7

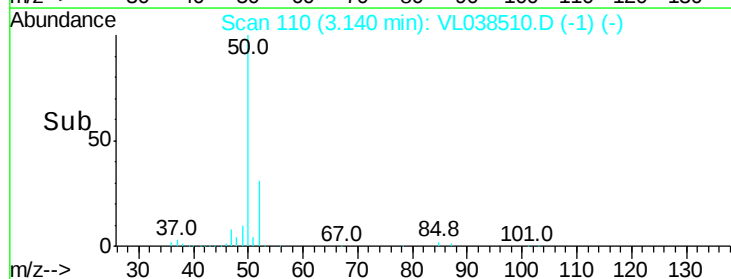


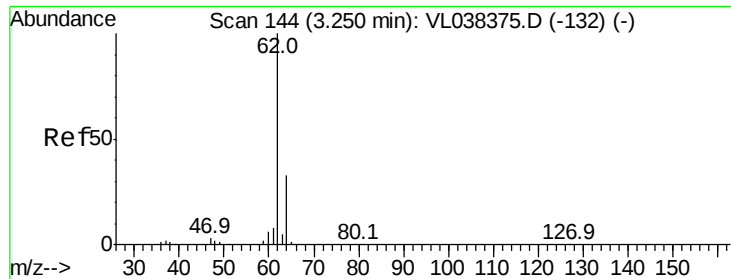
Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



Time-->





#5

Vinyl Chloride

Concen: 9.75 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tgt Ion:

Ion Ratio

62 100

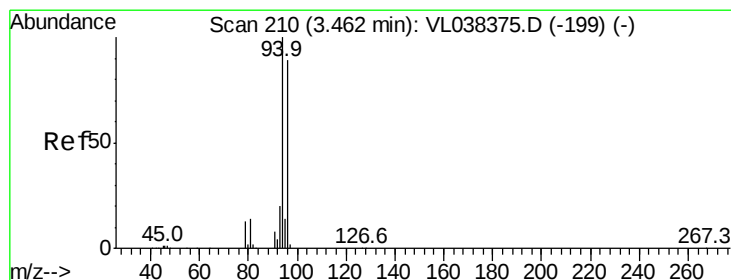
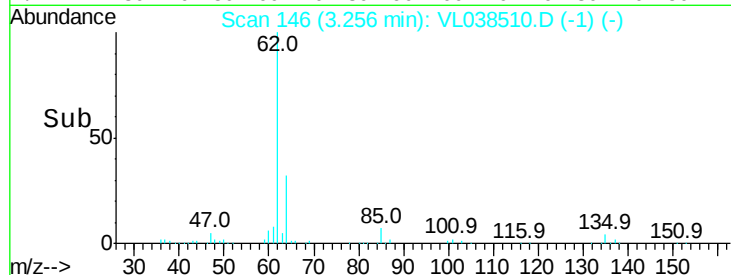
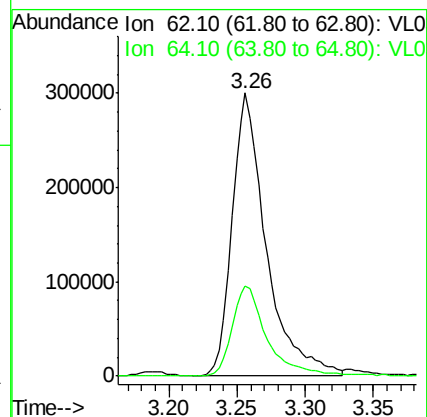
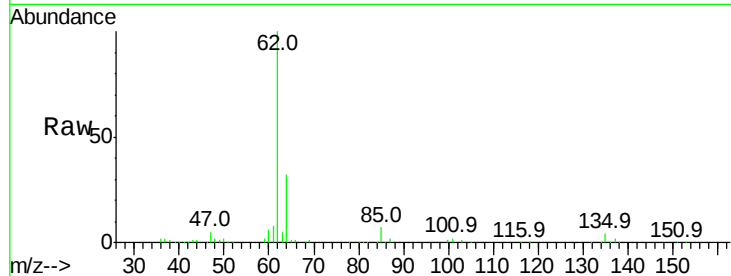
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#6

Bromomethane

Concen: 10.55 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL038510.D

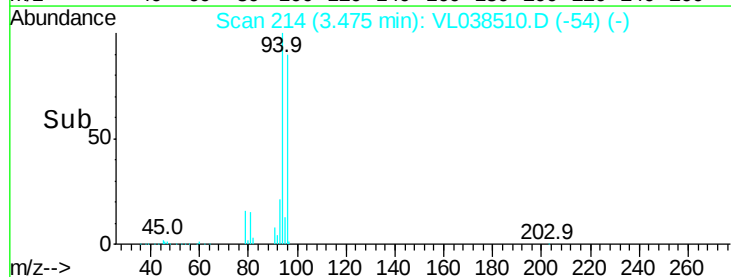
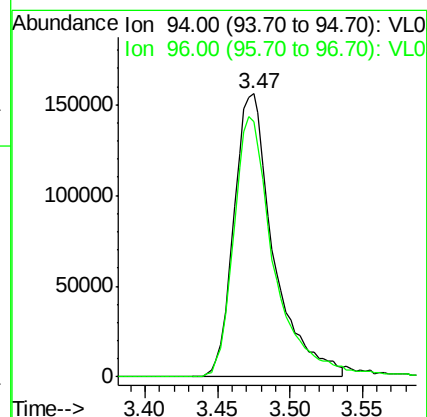
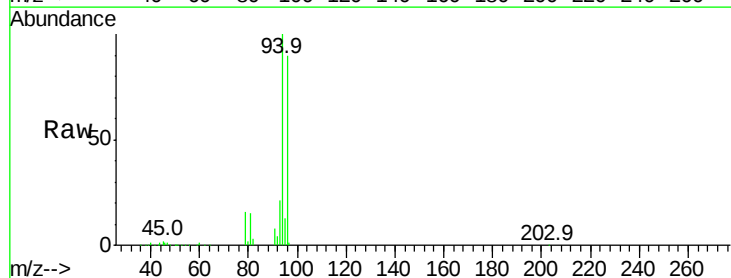
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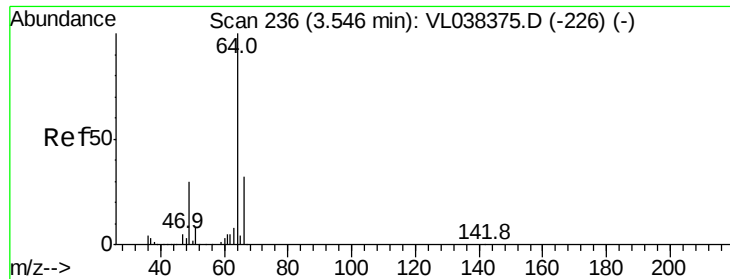
Tgt Ion: 94 Resp: 296467

Ion Ratio Lower Upper

94 100

96 90.3 71.0 106.6





#7

Chloroethane

Concen: 10.88 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tgt Ion:

Ion Ratio

64 100

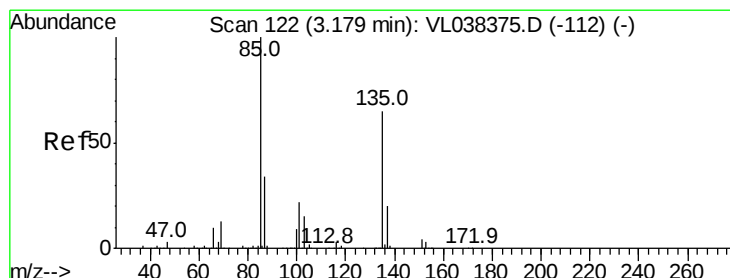
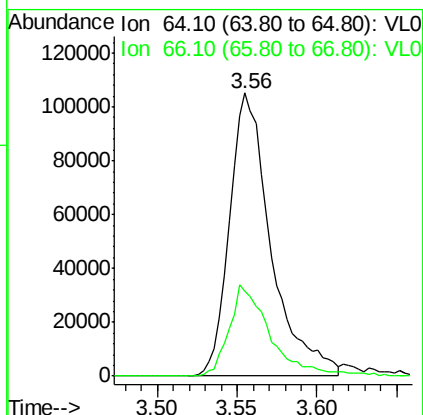
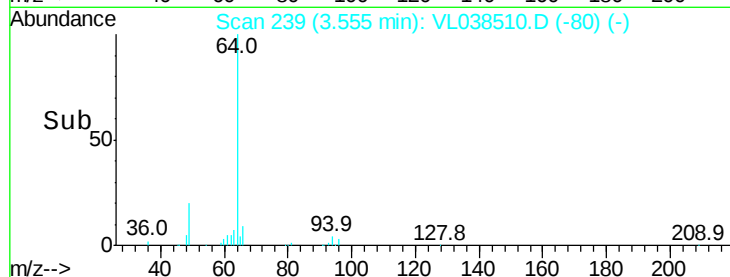
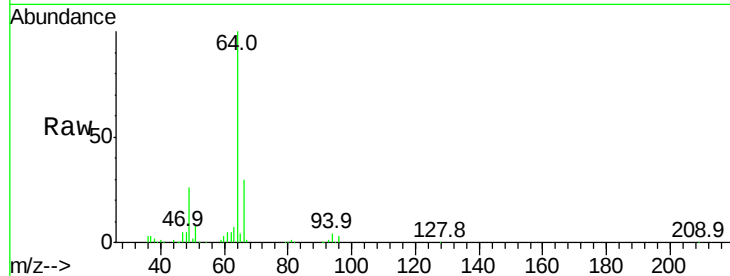
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#8

Dichlorotetrafluoroethane

Concen: 10.37 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.01 min

Lab File: VL038510.D

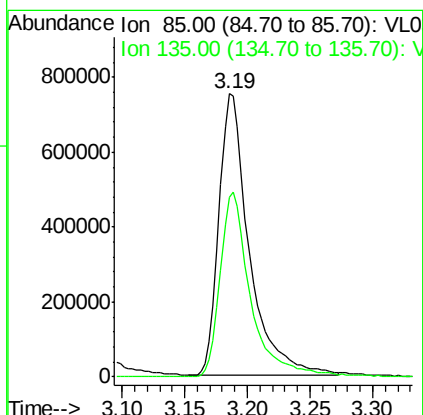
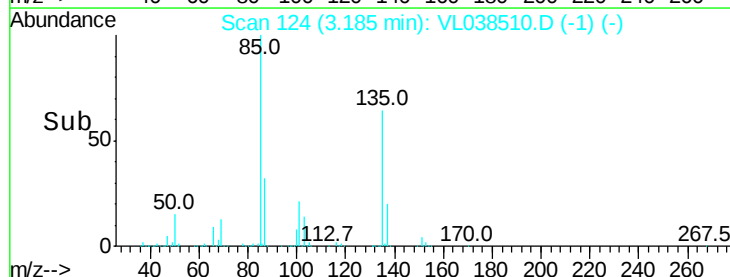
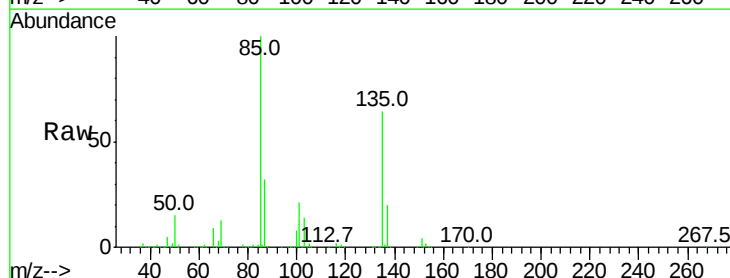
Acq: 3 Mar 2022 12:11

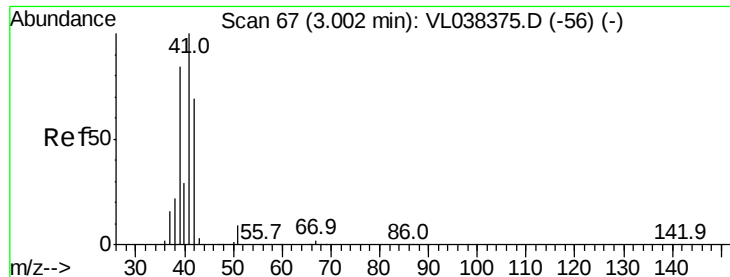
Tgt Ion: 85 Resp: 1268726

Ion Ratio Lower Upper

85 100

135 66.6 54.1 81.1



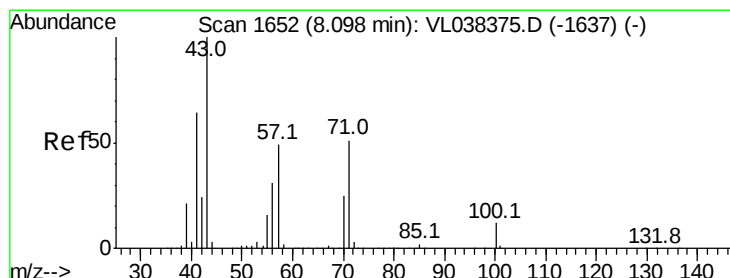
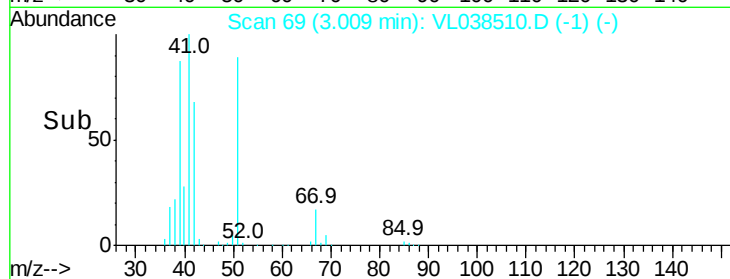
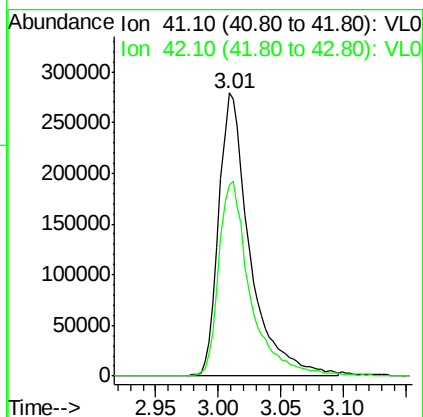
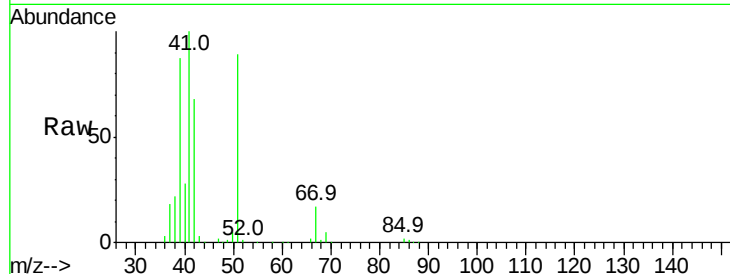


#9
 Propene
 Concen: 9.99 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion:
 Ion Ratio
 41 100
 42 69.

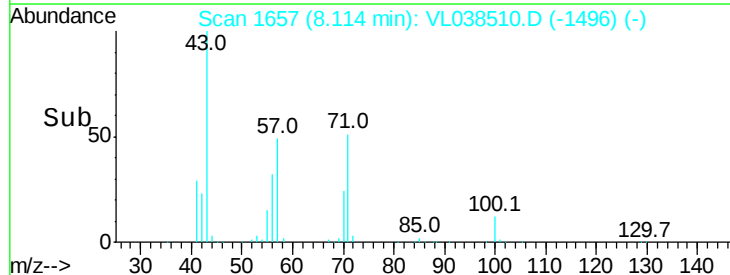
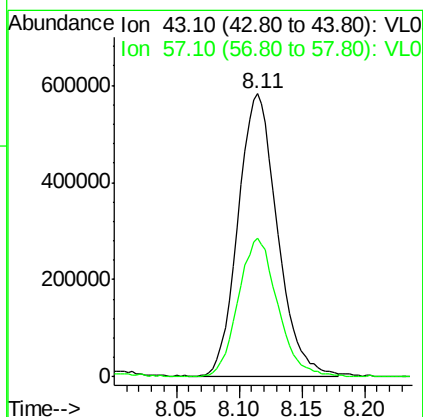
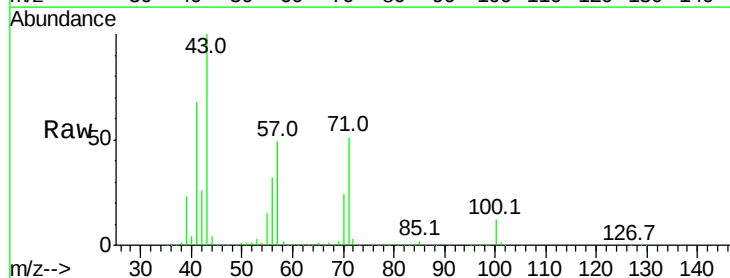
Manual Integrations
 APPROVED

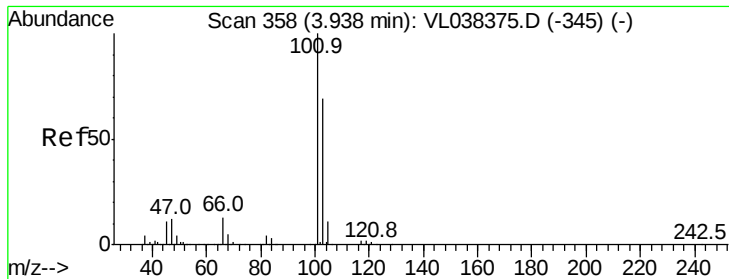
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#10
 Heptane
 Concen: 10.72 ppbv
 RT: 8.11 min Scan# 1657
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 1264001
 Ion Ratio Lower Upper
 43 100
 57 48.9 39.8 59.8



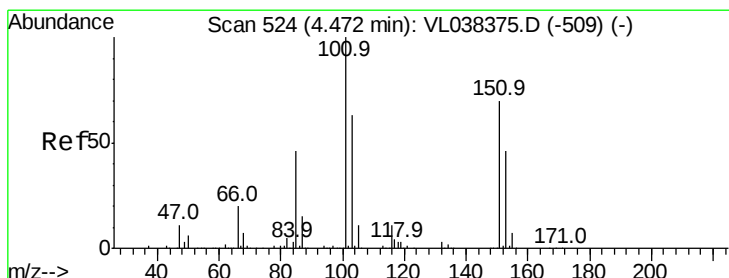
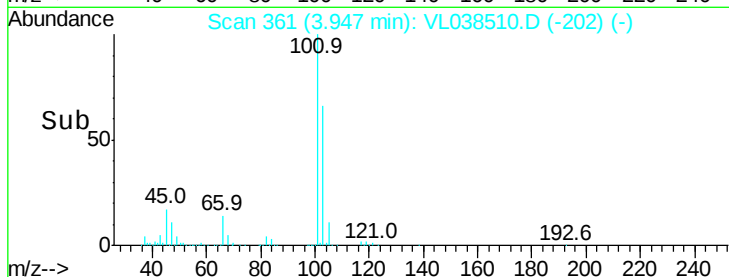
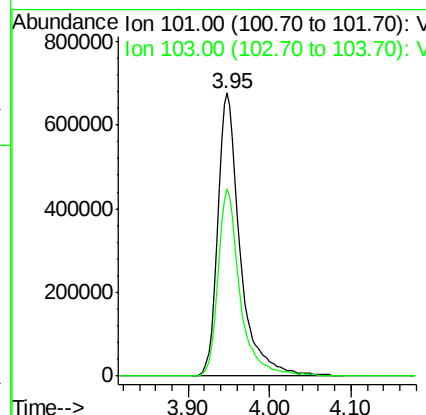
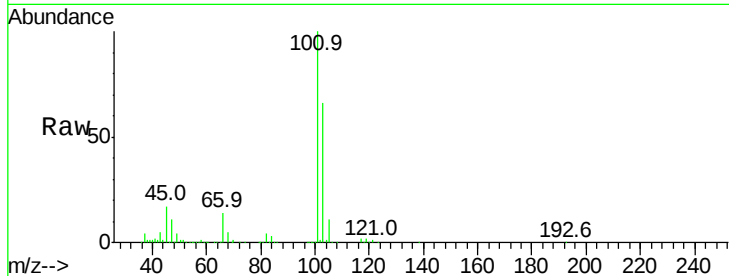


#11
 Trichlorofluoromethane
 Concen: 10.42 ppbv
 RT: 3.95
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion:1
 Ion Rati
 101 100
 103 66.

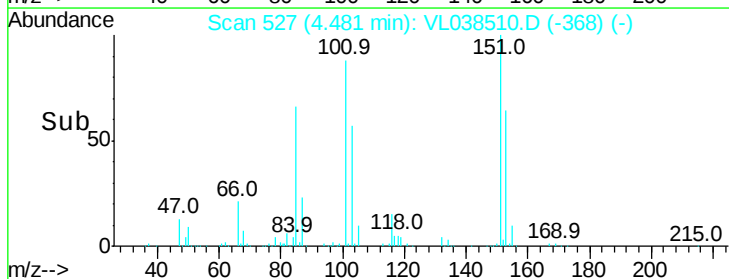
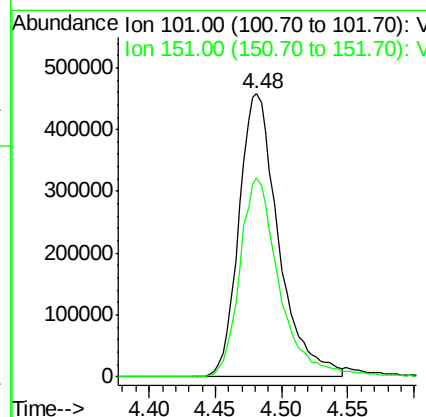
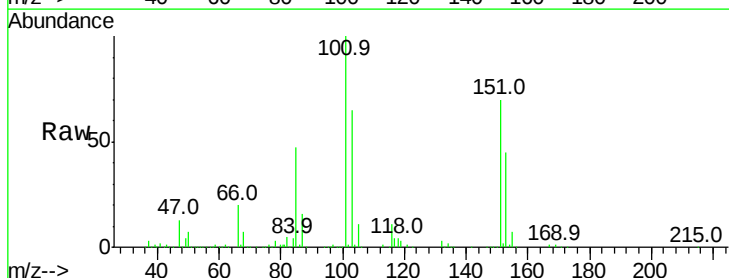
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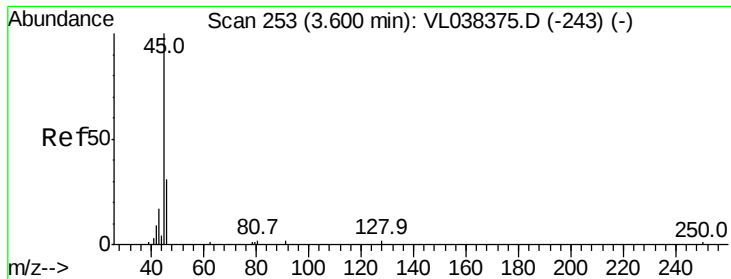
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.31 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion:101 Resp: 951925
 Ion Ratio Lower Upper
 101 100
 151 70.7 55.9 83.9



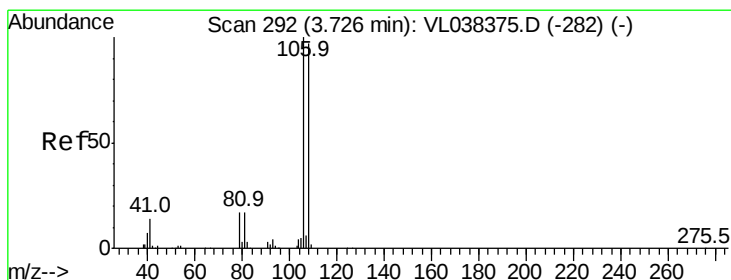
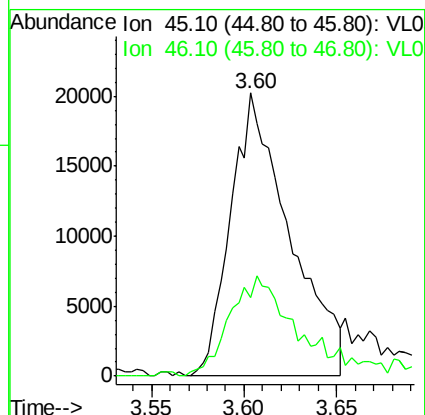
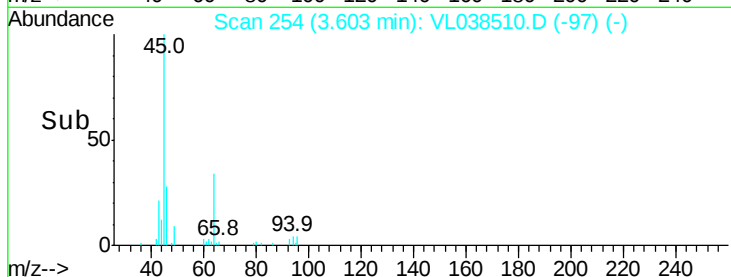
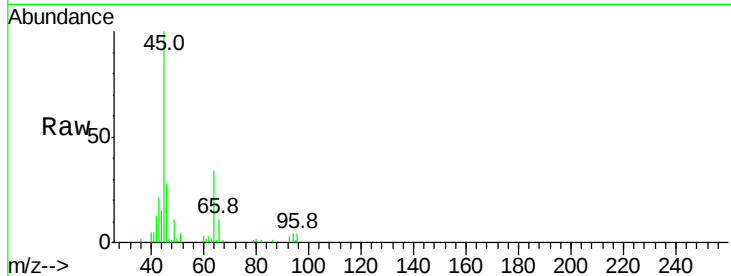


#13
Ethanol
Concen: 9.27 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0303ABS01
Acq: 3 Mar 2022 12:11

Tgt Ion:
Ion Ratio
45 100
46 42.

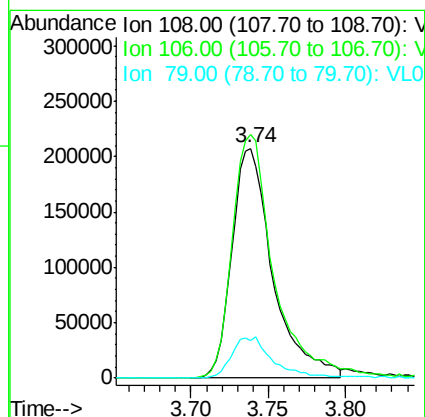
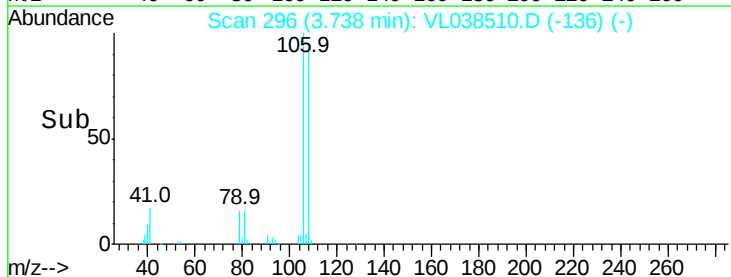
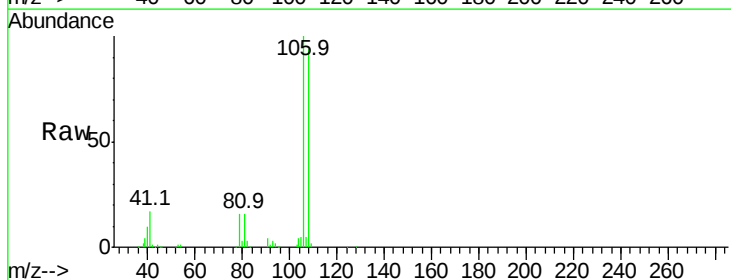
Manual Integrations
APPROVED

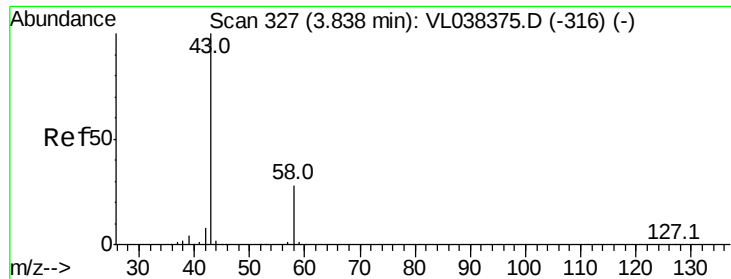
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#14
Bromoethene
Concen: 10.35 ppbv
RT: 3.74 min Scan# 296
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:108 Resp: 380777
Ion Ratio Lower Upper
108 100
106 110.4 88.4 132.6
79 18.5 15.0 22.6





#15

Acetone

Concen: 9.19 ppbv

RT: 3.85

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

43 100

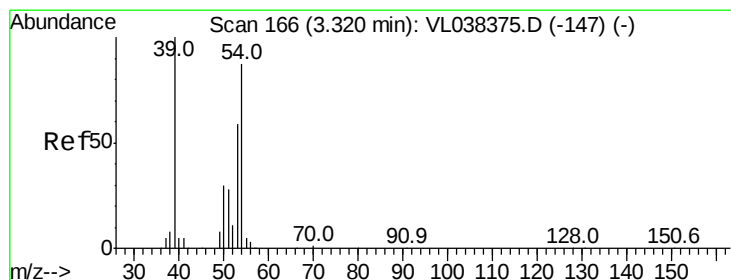
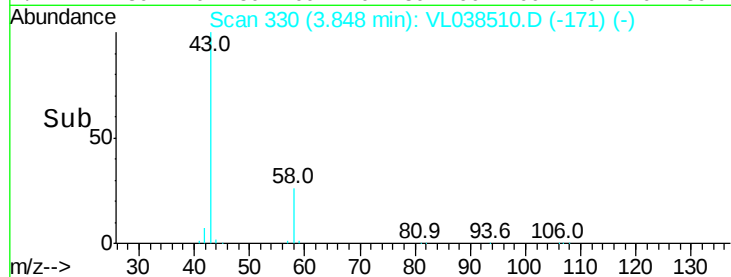
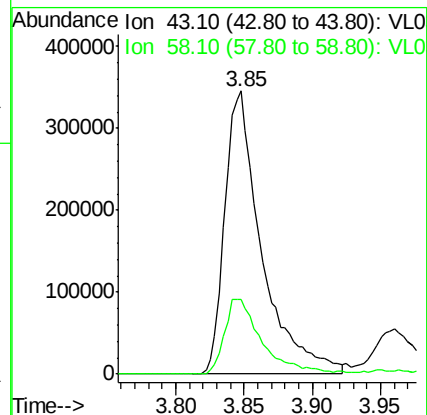
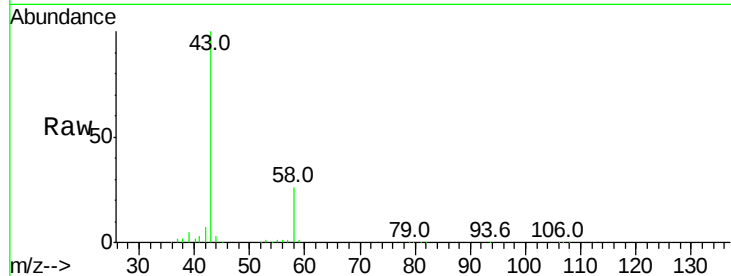
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#16

1,3-Butadiene

Concen: 10.29 ppbv

RT: 3.33 min Scan# 168

Delta R.T. 0.01 min

Lab File: VL038510.D

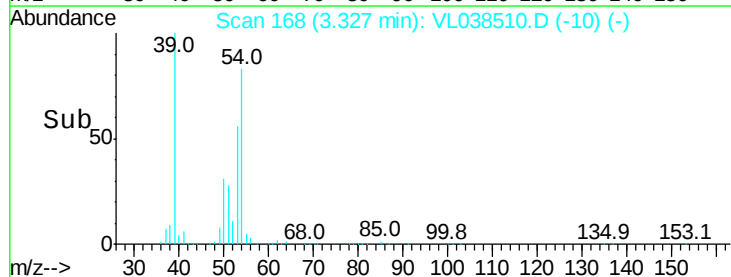
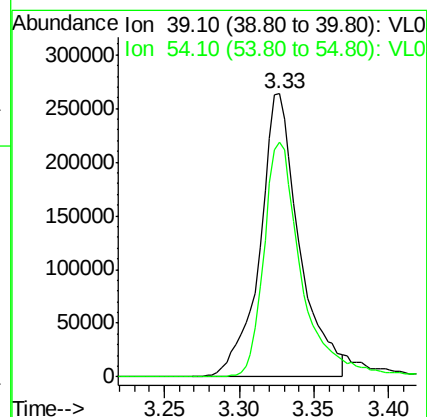
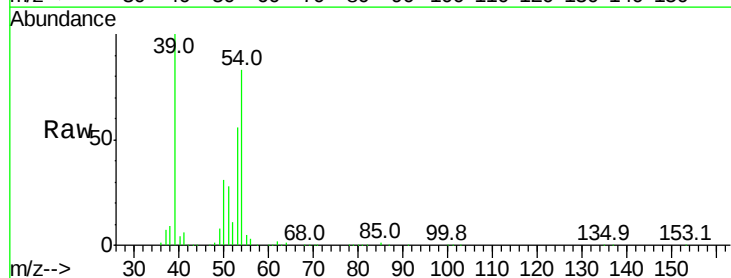
Acq: 3 Mar 2022 12:11

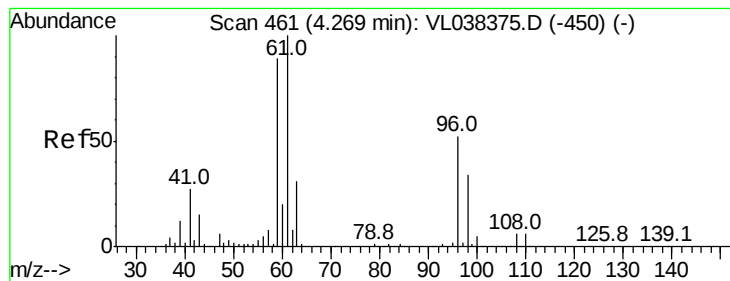
Tgt Ion: 39 Resp: 485247

Ion Ratio Lower Upper

39 100

54 80.1 60.3 90.5





#17

tert-Butyl alcohol

Concen: 10.91 ppbv

RT: 4.28 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

59 100

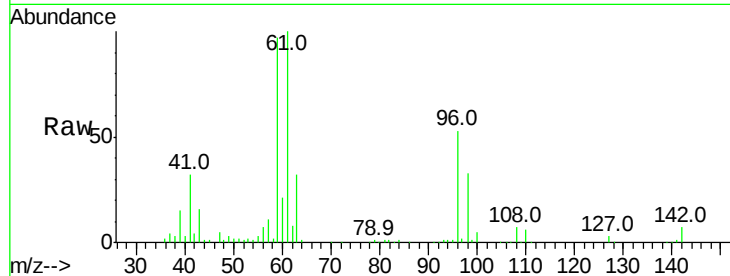
57 10.

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

4.28

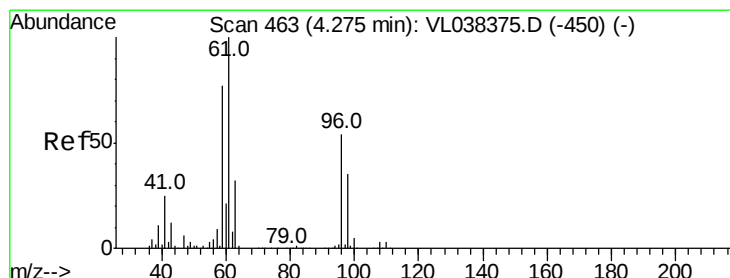
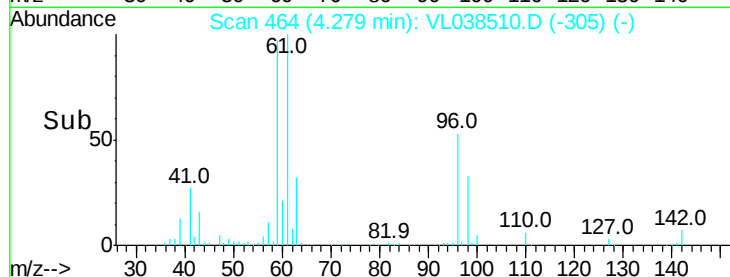
300000

200000

100000

0

Time--> 4.20 4.25 4.30 4.35 4.40



#18

1,1-Dichloroethene

Concen: 10.21 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

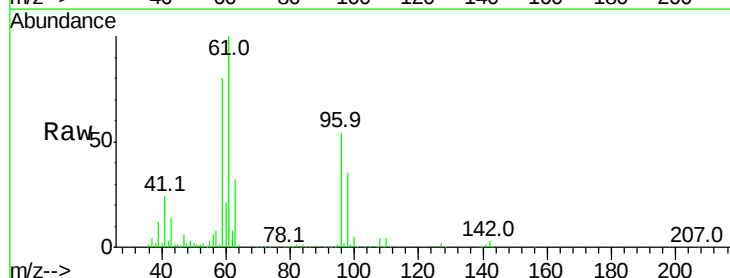
Tgt Ion: 96 Resp: 413850

Ion Ratio Lower Upper

96 100

61 185.2 146.8 220.2

98 64.3 51.5 77.3



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

4.29

500000

400000

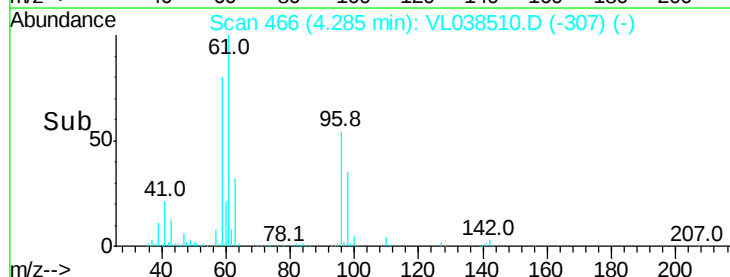
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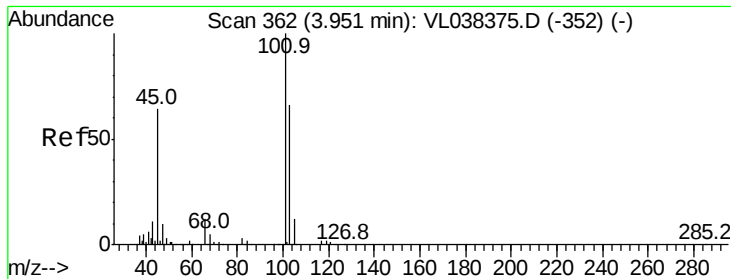
200000

100000

0

Time--> 4.20 4.25 4.30 4.35





#19

Isopropyl Alcohol

Concen: 10.29 ppbv

RT: 3.96 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tgt Ion:

Ion Ratio

45 100

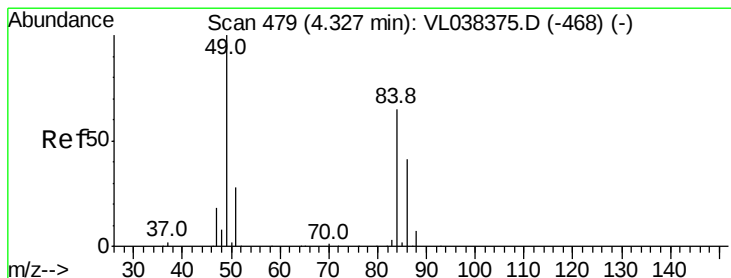
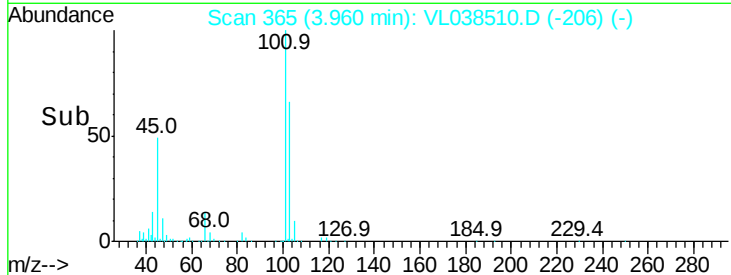
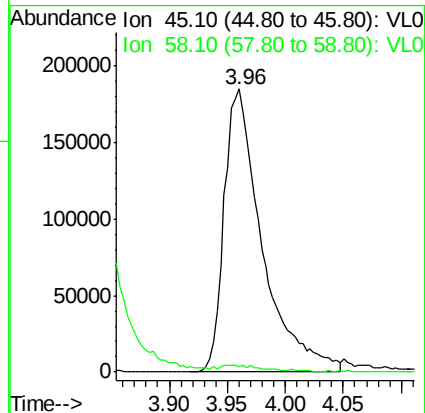
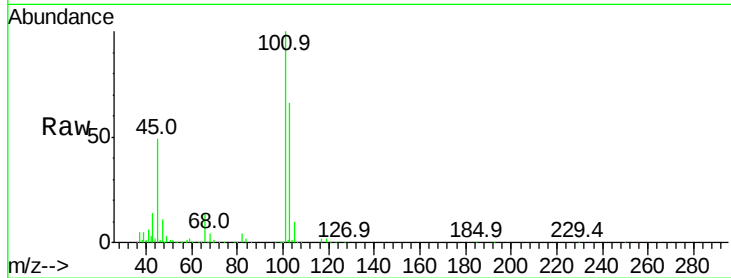
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#20

Methylene Chloride

Concen: 9.26 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion: 84 Resp: 324043

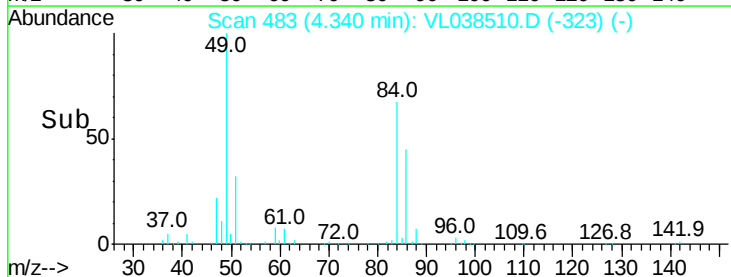
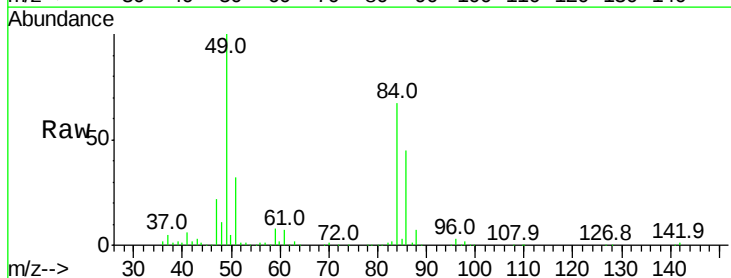
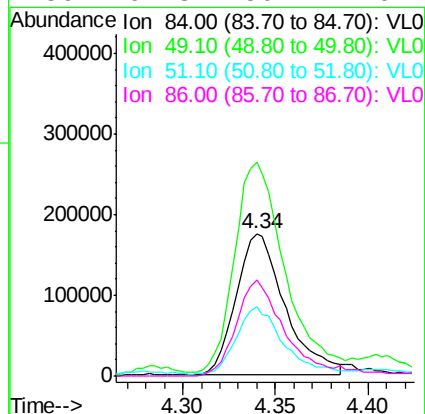
Ion Ratio Lower Upper

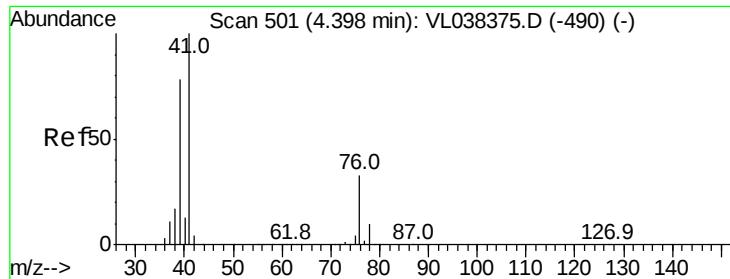
84 100

49 148.3 122.4 183.6

51 47.8 33.3 49.9

86 67.3 50.7 76.1



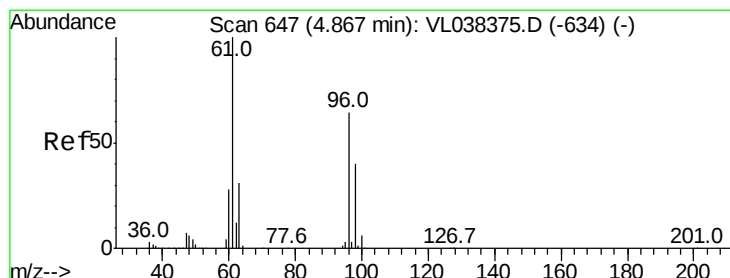
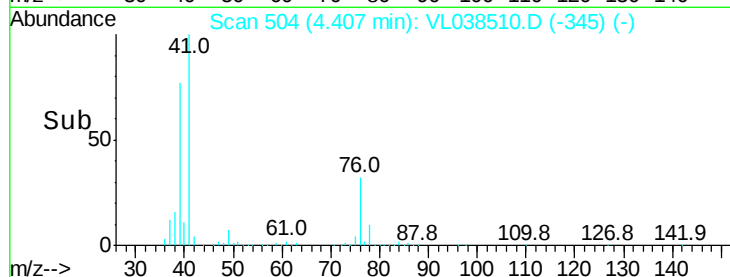
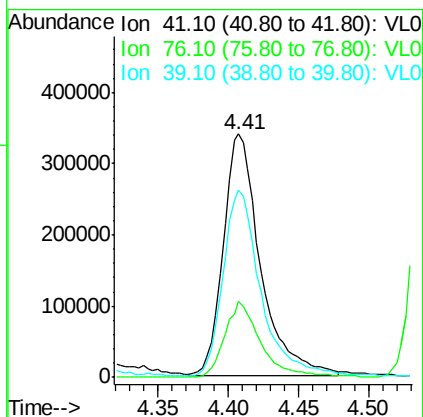
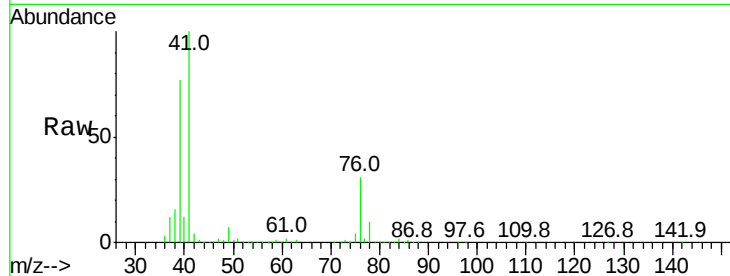


#21
 Allyl Chloride
 Concen: 10.50 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

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

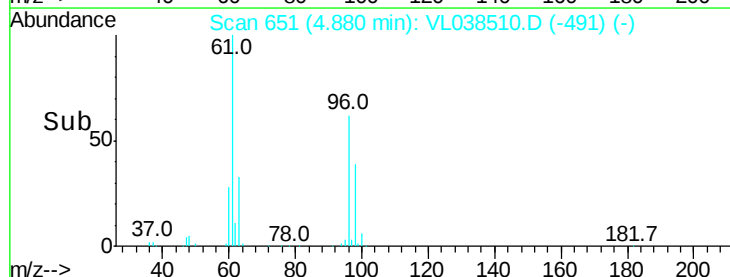
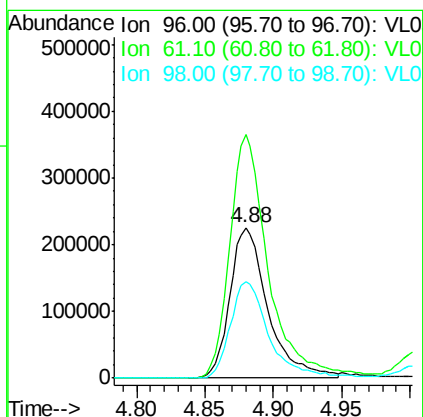
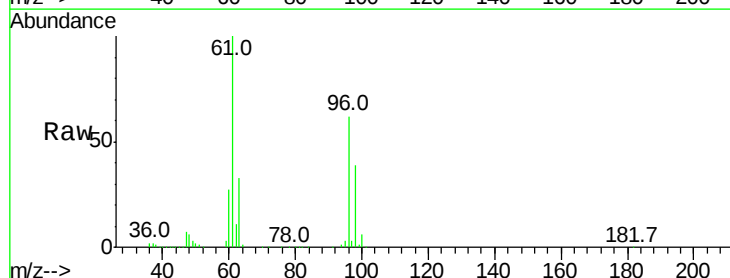
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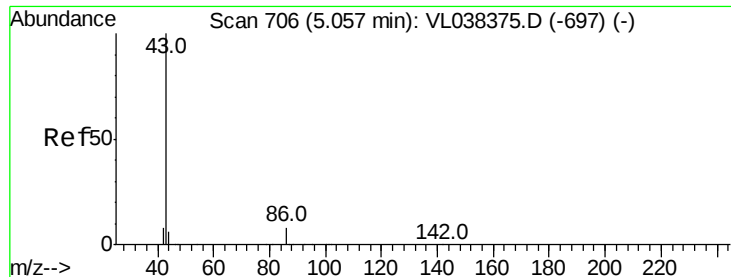
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.68 ppbv
 RT: 4.88 min Scan# 651
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 96 Resp: 436873
 Ion Ratio Lower Upper
 96 100
 61 161.5 124.2 186.4
 98 63.7 49.1 73.7





#23

Vinyl Acetate

Concen: 10.68 ppbv

RT: 5.07 Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: VL0303ABS01

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

43 100

86 6.

42 9.

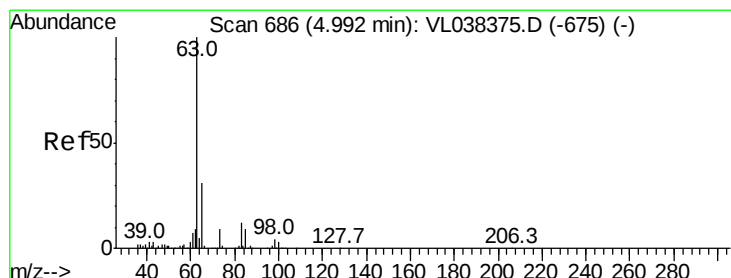
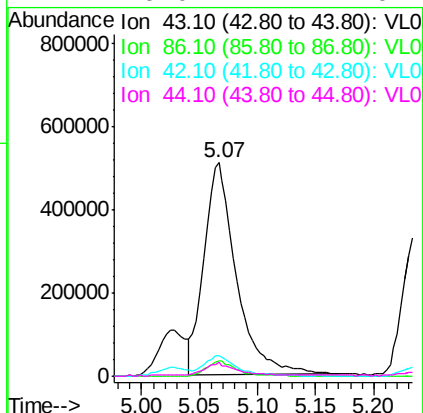
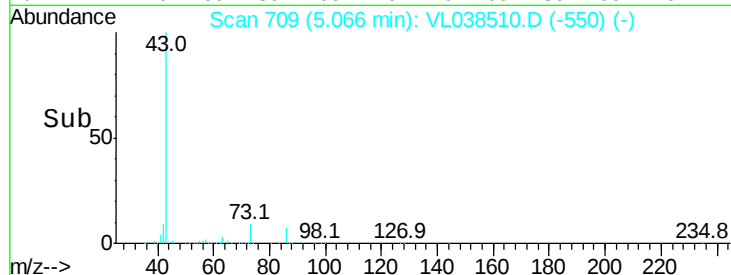
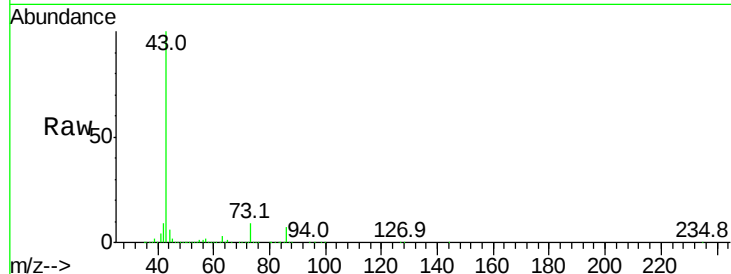
44 6.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#24

1,1-Dichloroethane

Concen: 10.56 ppbv

RT: 5.01 min Scan# 690

Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion: 63 Resp: 888530

Ion Ratio Lower Upper

63 100

98 4.0

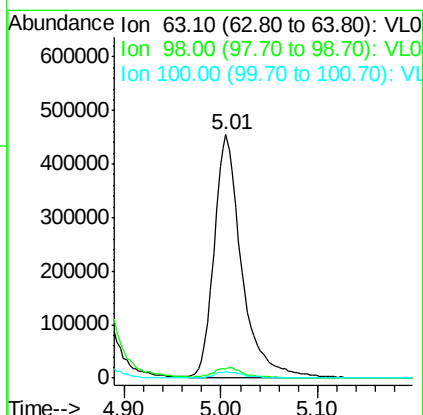
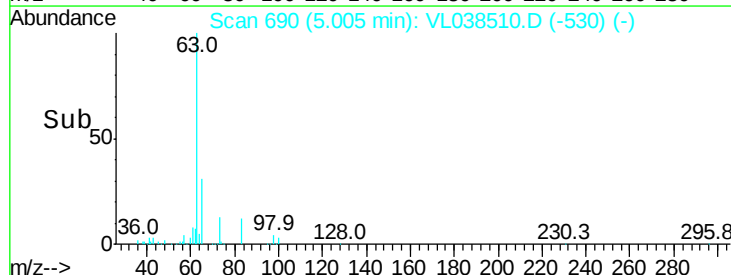
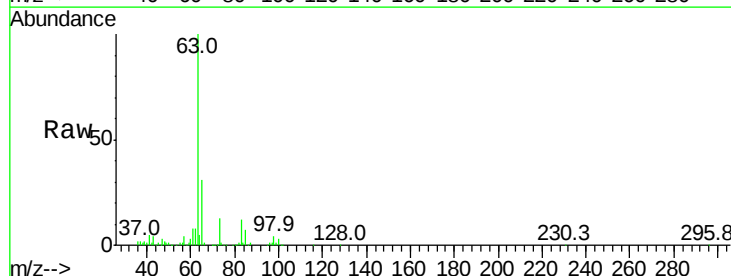
100 2.9

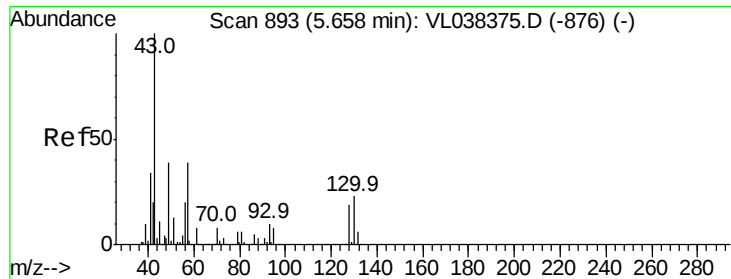
2.1

6.5

1.4

4.2



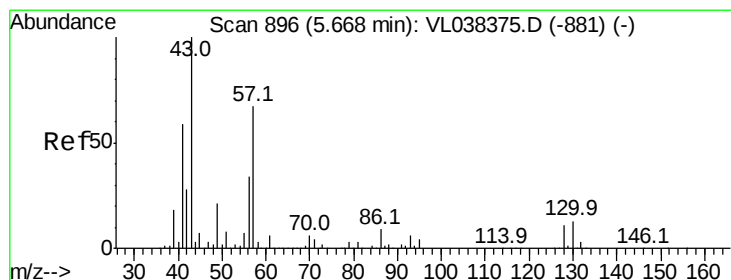
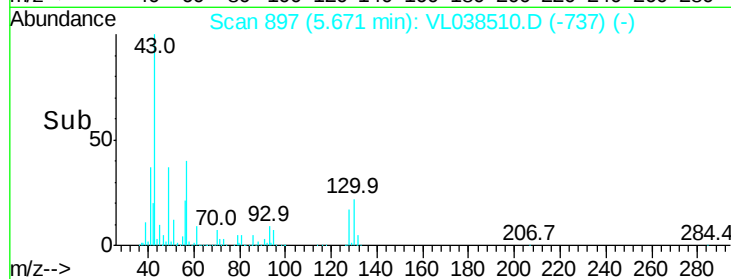
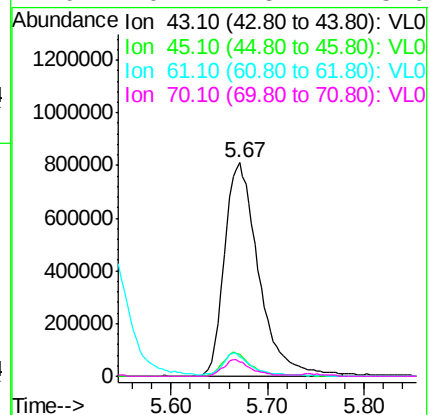
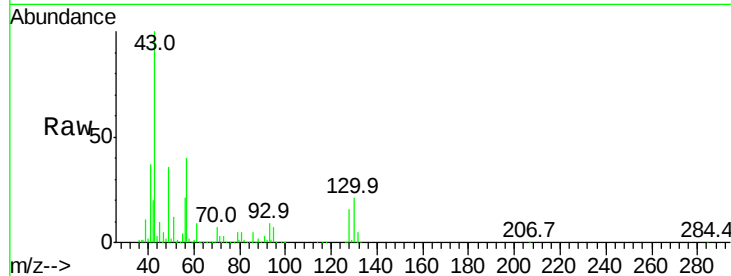


#25
Ethyl Acetate
Concen: 10.46 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

Tgt Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 100
45 9.
61 9.
70 6.4 5.4 8.0

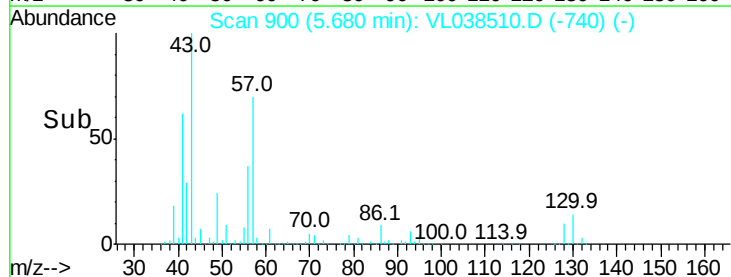
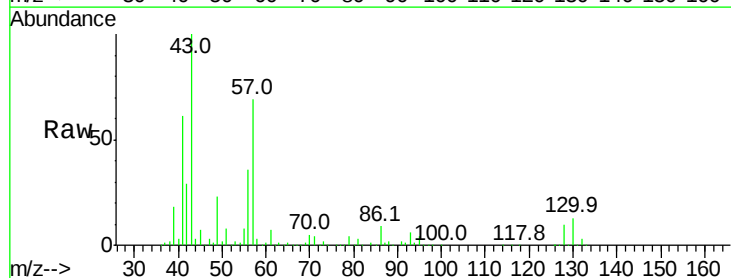
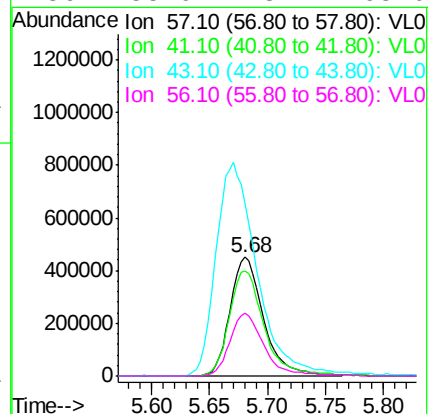
Manual Integrations
APPROVED

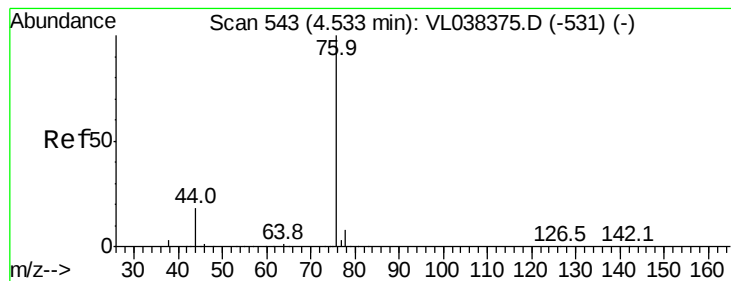
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#26
Hexane
Concen: 10.51 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 57 Resp: 902843
Ion Ratio Lower Upper
57 100
41 92.6 73.1 109.7
43 222.0 181.0 271.4
56 53.9 43.4 65.0





#27

Carbon Disulfide

Concen: 11.04 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tgt Ion:

Ion Ratio

76 100

44 18.

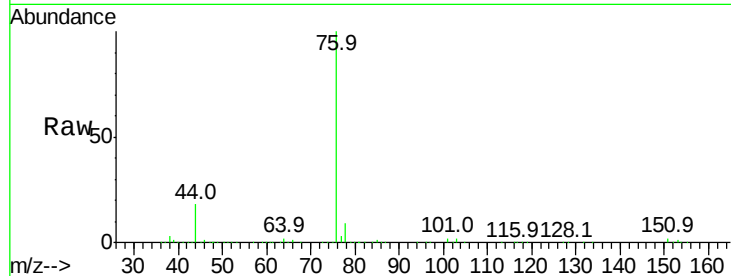
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

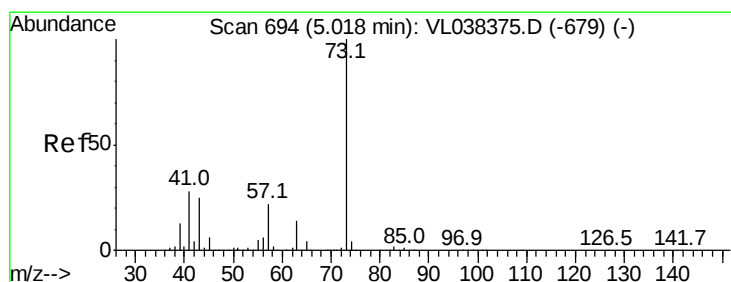
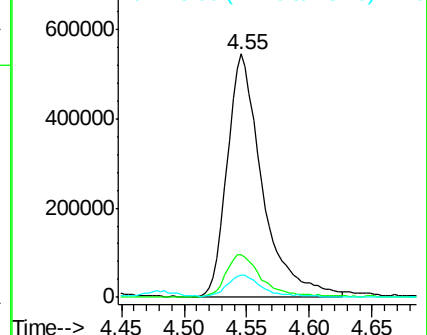
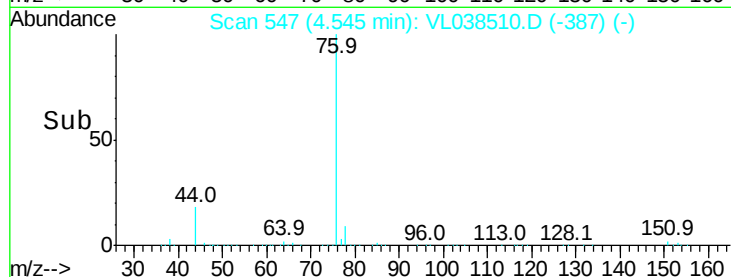
Supervised By :Mahesh Dadoda 03/05/2022



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.36 ppbv

RT: 5.02 min Scan# 696

Delta R.T. 0.01 min

Lab File: VL038510.D

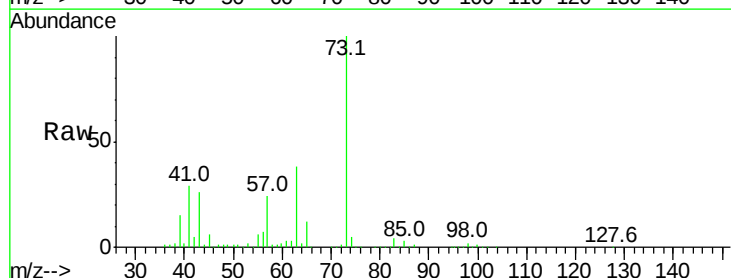
Acq: 3 Mar 2022 12:11

Tgt Ion: 73 Resp: 906764

Ion Ratio Lower Upper

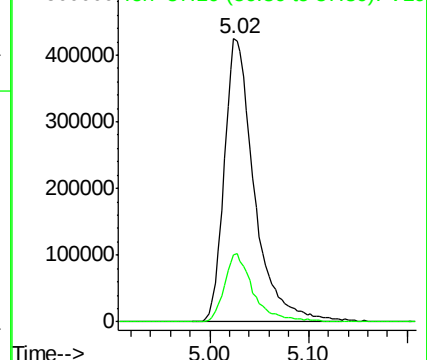
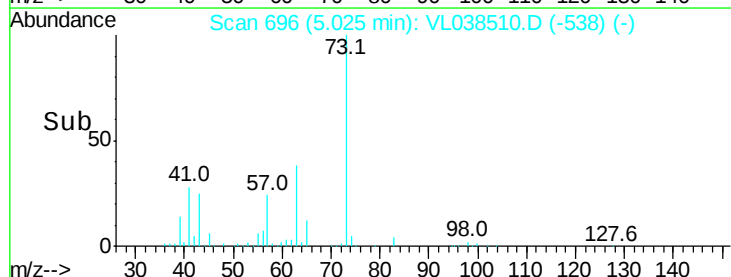
73 100

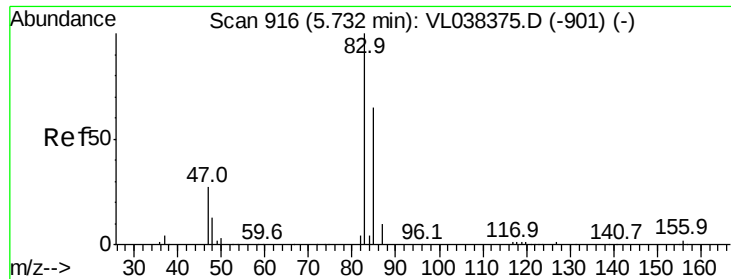
57 23.3 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



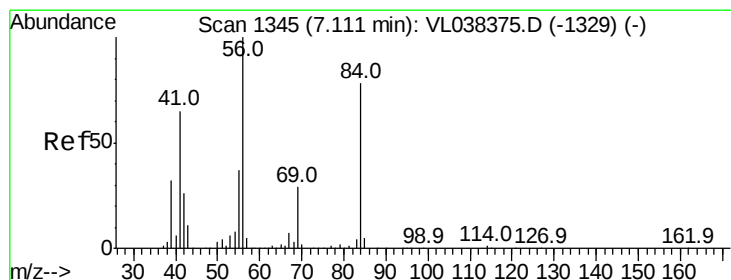
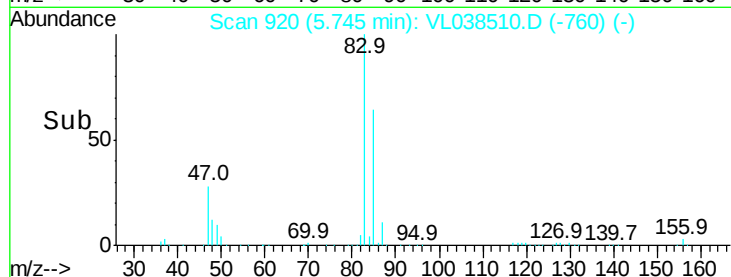
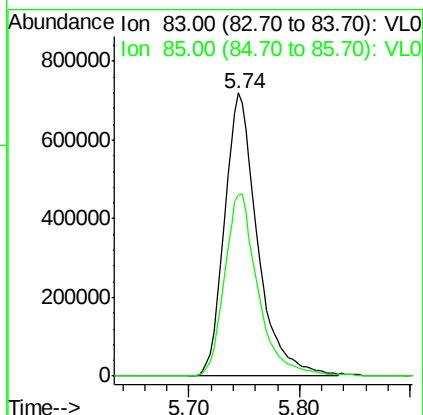
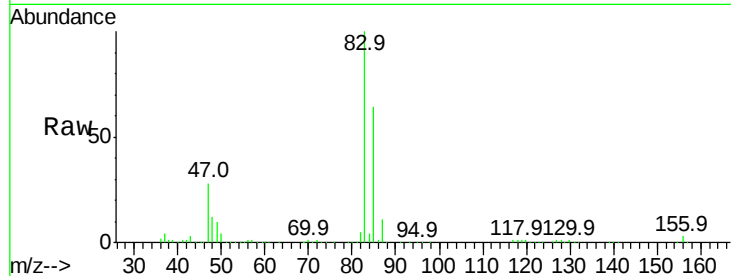


#29
Chloroform
Concen: 10.65 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tgt Ion:
Ion Ratio
83 100
85 63.

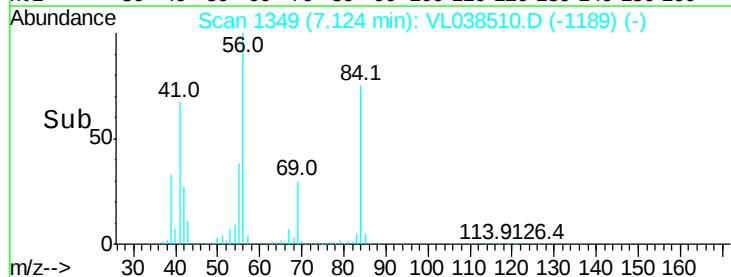
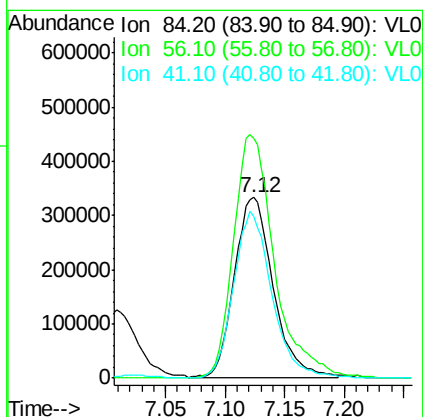
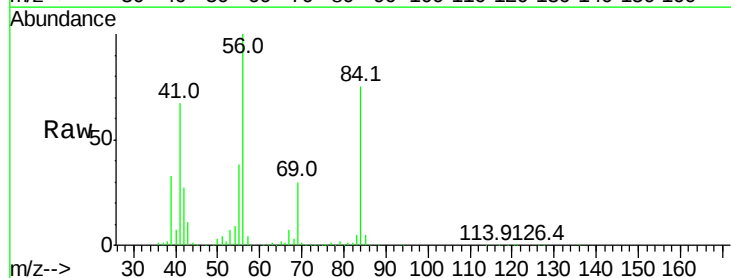
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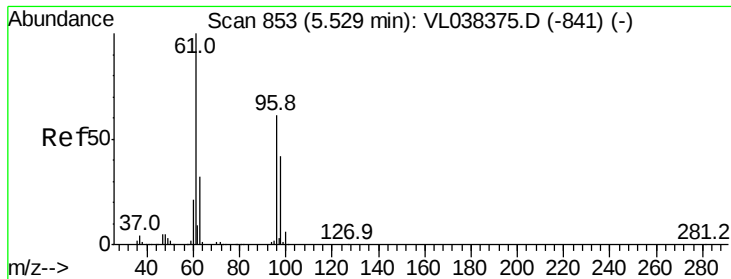
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#30
Cyclohexane
Concen: 10.82 ppbv
RT: 7.12 min Scan# 1349
Delta R.T. 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 84 Resp: 760237
Ion Ratio Lower Upper
84 100
56 142.1 116.2 174.4
41 90.0 74.3 111.5



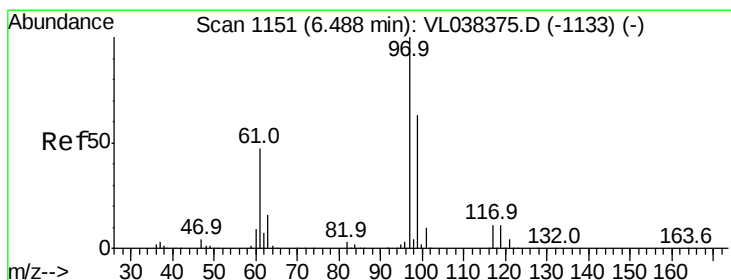
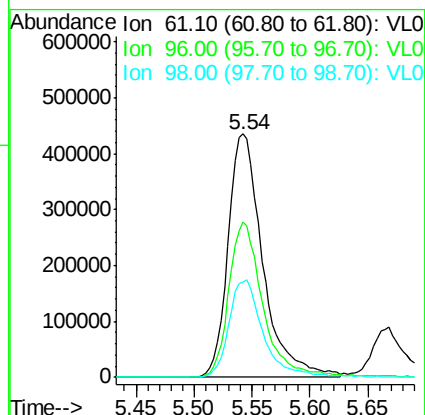
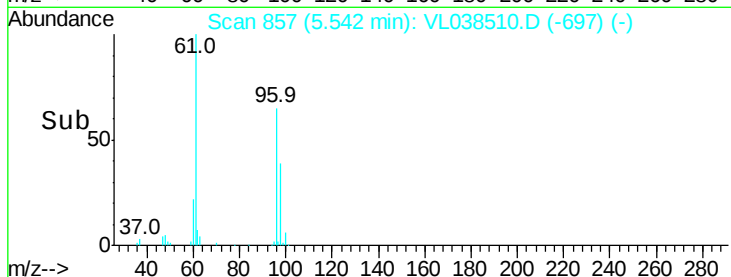
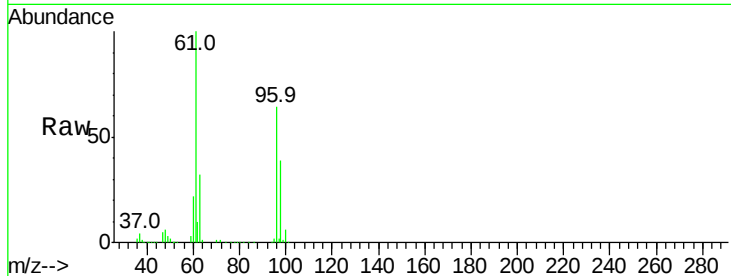


#31
 cis-1,2-Dichloroethene
 Concen: 10.88 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 12:11

Tgt Ion:
 Ion Ratio
 61 100
 96 64.
 98 39.

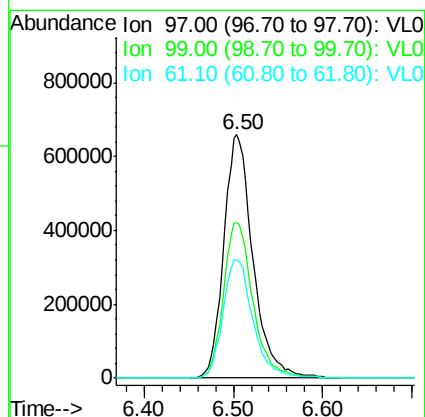
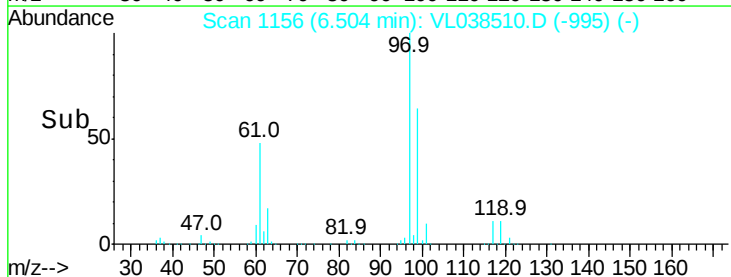
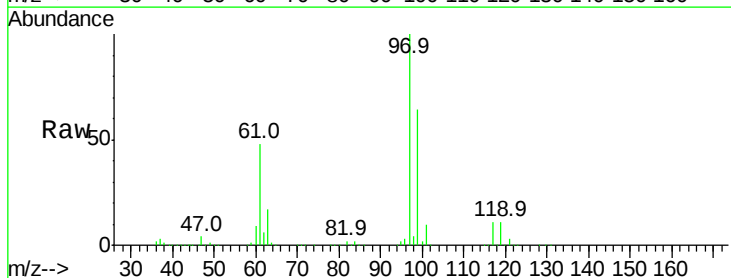
Manual Integrations
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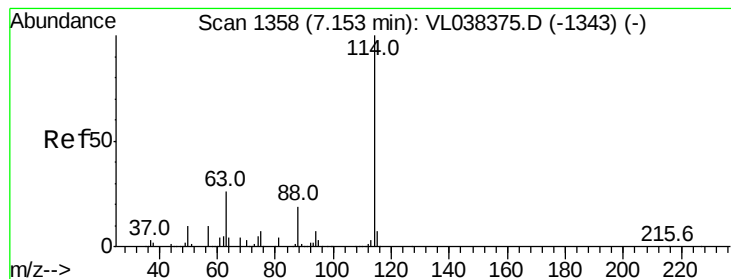
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.58 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 97 Resp: 1492733
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 50.2 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.17

Delta R.T. MSVOA_L

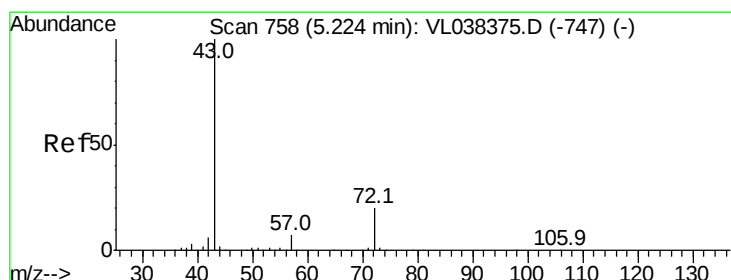
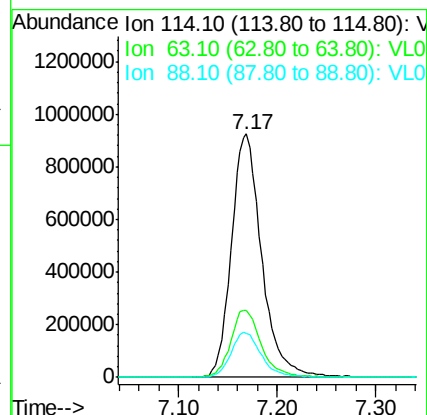
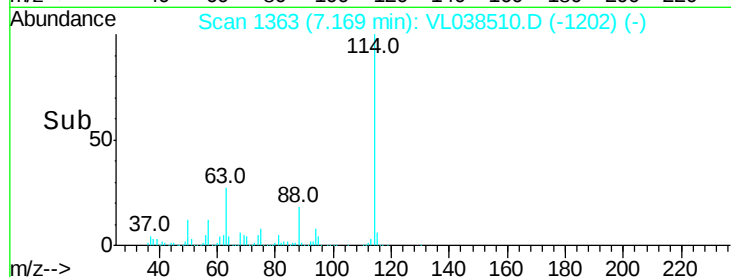
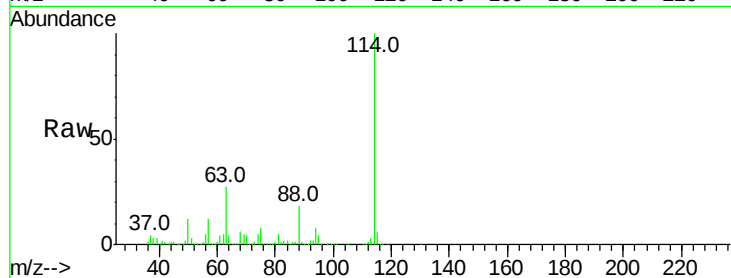
Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11

Tgt Ion: 1
Ion Ratio
114 100
63 28.
88 18.

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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#34

2-Butanone

Concen: 10.97 ppbv

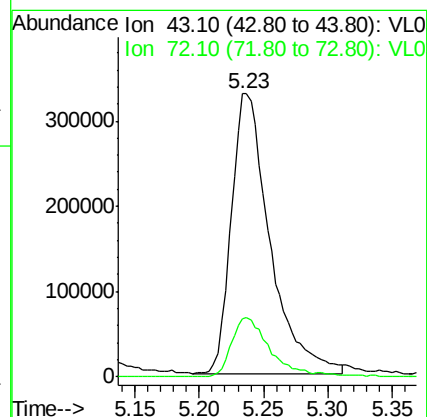
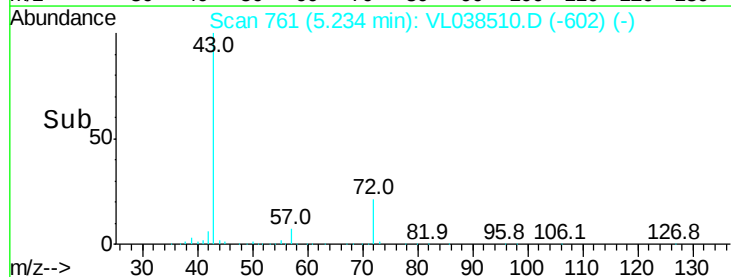
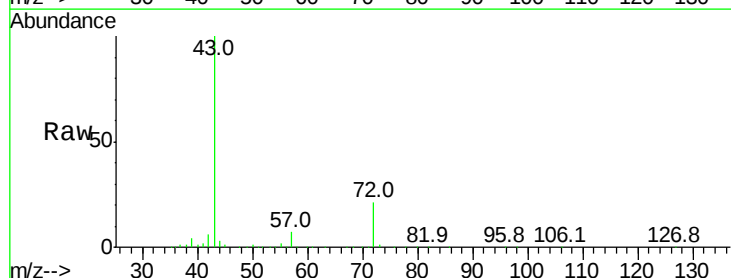
RT: 5.23 min Scan# 761

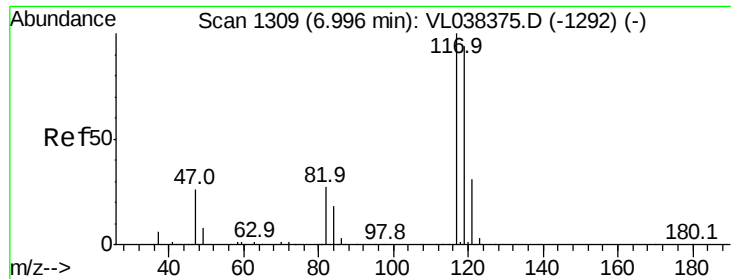
Delta R.T. 0.01 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion: 43 Resp: 683795
Ion Ratio Lower Upper
43 100
72 21.8 17.4 26.2



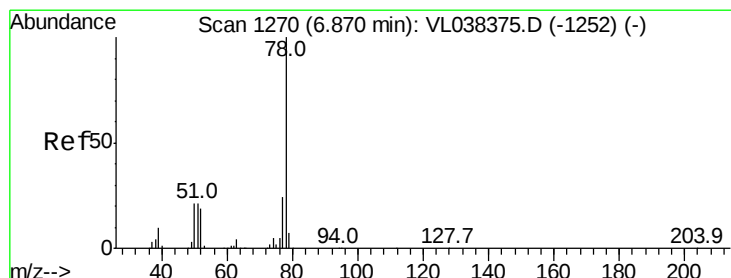
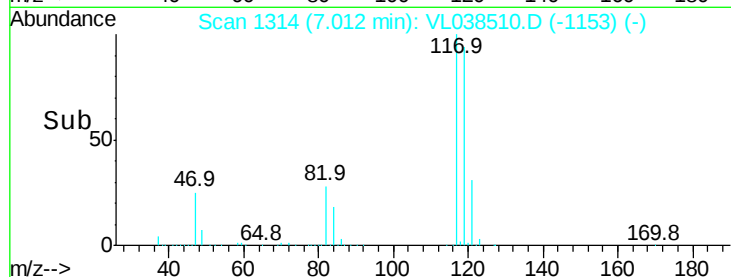
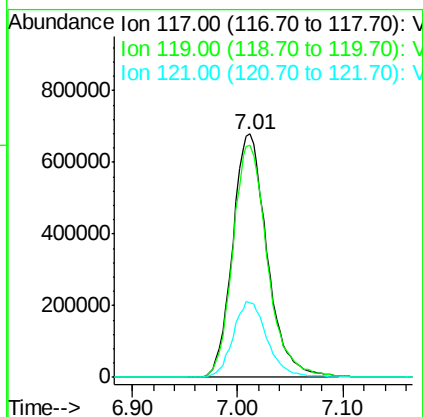
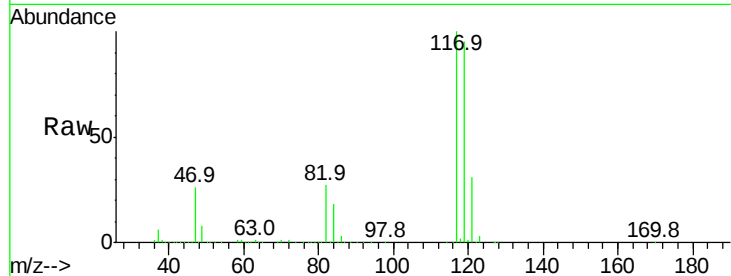


#35
Carbon Tetrachloride
Concen: 11.07 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 30.

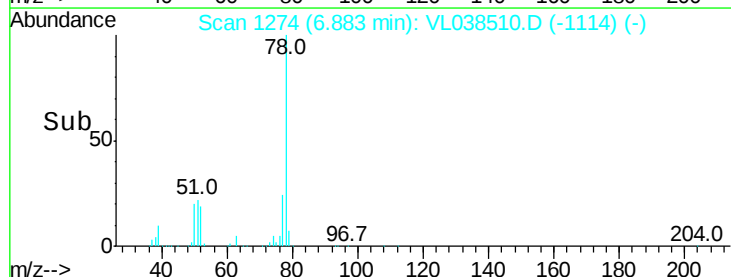
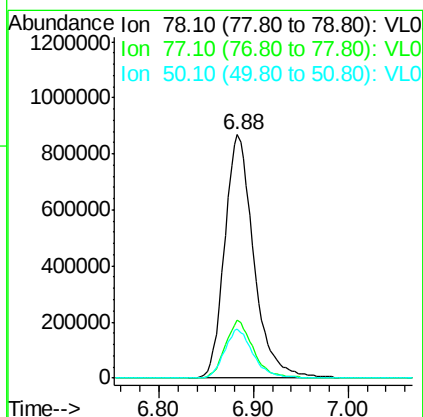
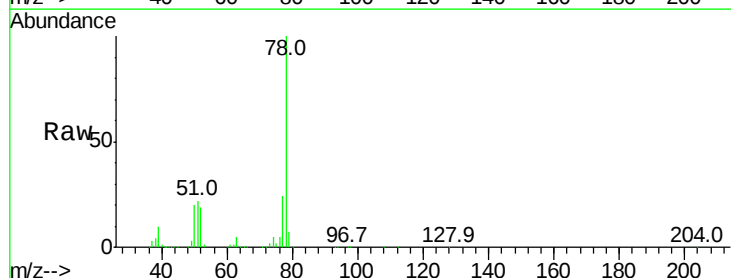
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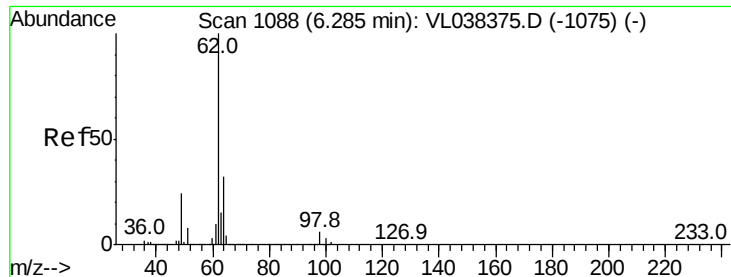
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/05/2022



#36
Benzene
Concen: 10.64 ppbv
RT: 6.88 min Scan# 1274
Delta R.T.: 0.01 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 78 Resp: 1855667
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6
50 20.0 16.6 24.8



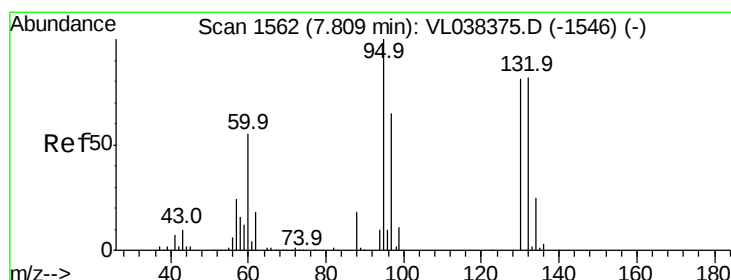
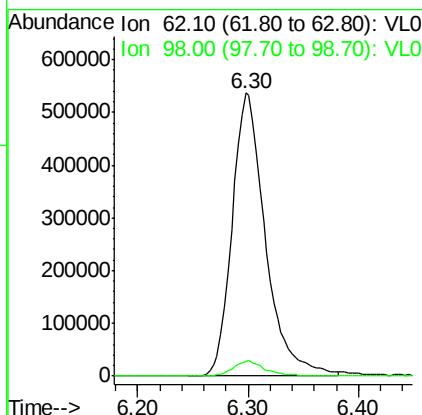
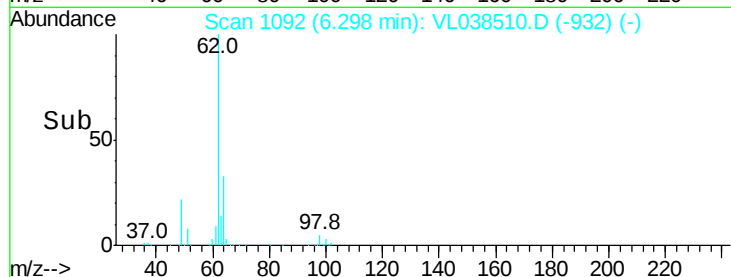
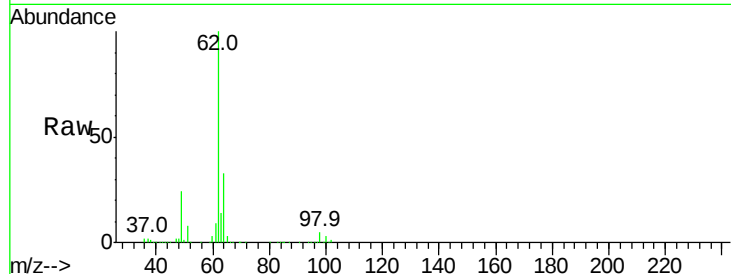


#37
 1,2-Dichloroethane
 Concen: 11.16 ppbv
 RT: 6.30
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 62.10 (61.80 to 62.80): VL0
 Ion Ratio 100
 62 100
 98 5.

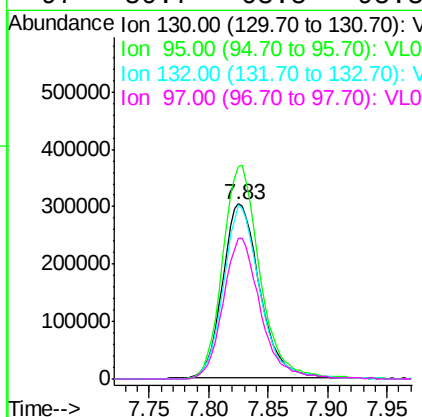
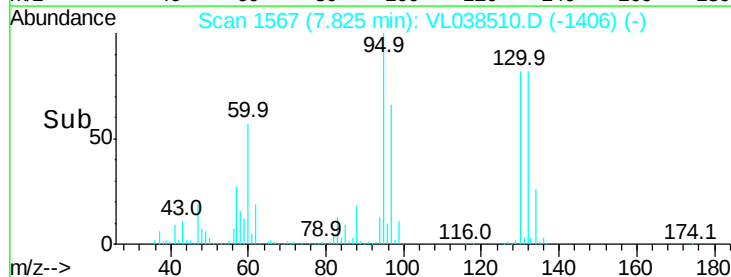
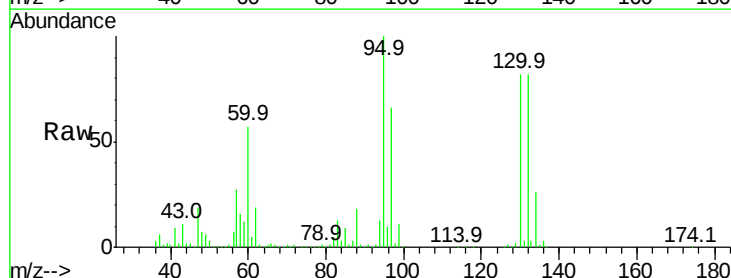
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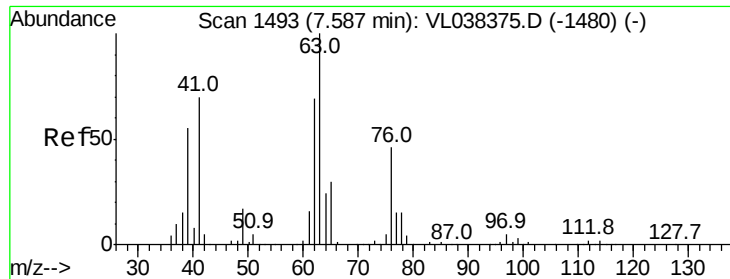
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#38
 Trichloroethene
 Concen: 10.24 ppbv
 RT: 7.83 min Scan# 1567
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion:130 Resp: 650529
 Ion Ratio Lower Upper
 130 100
 95 121.6 98.1 147.1
 132 99.5 80.3 120.5
 97 80.7 63.5 95.3



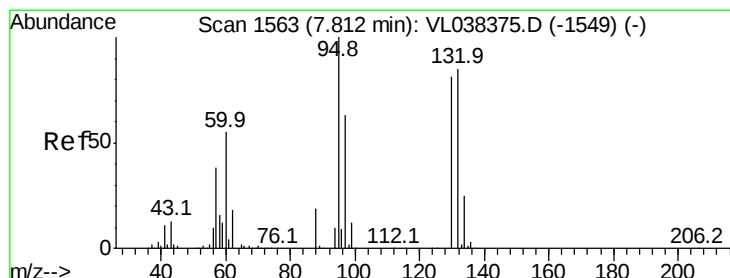
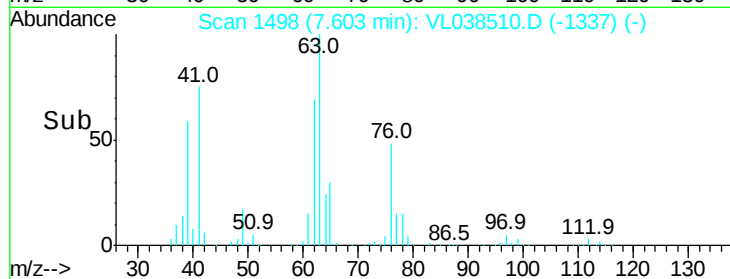
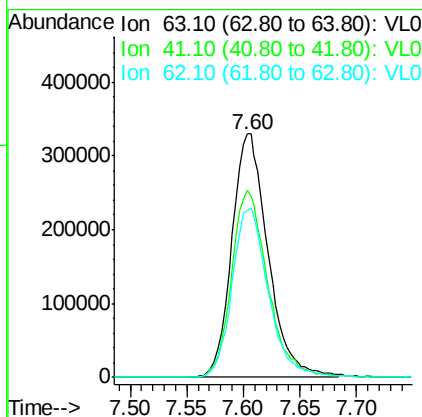
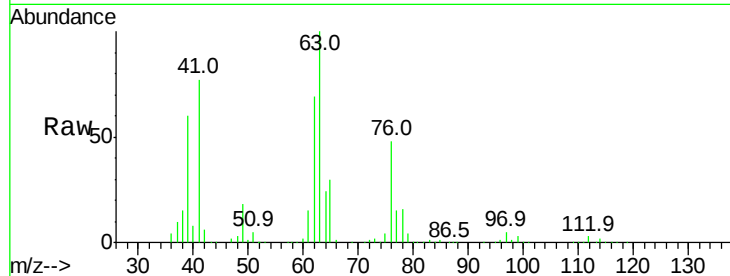


#39
 1,2-Dichloropropane
 Concen: 10.58 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion:
 Ion Ratio
 63 100
 41 76.
 62 68.

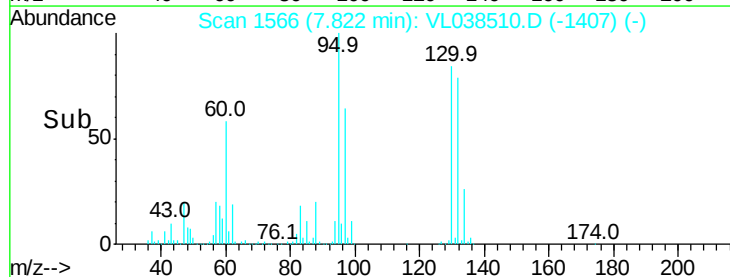
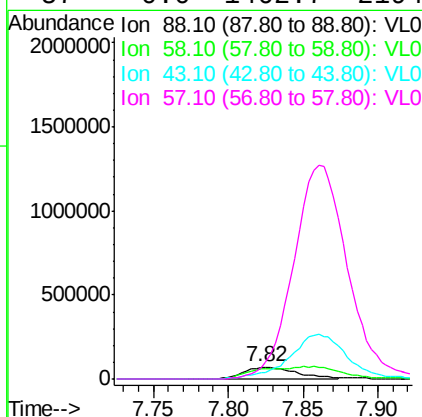
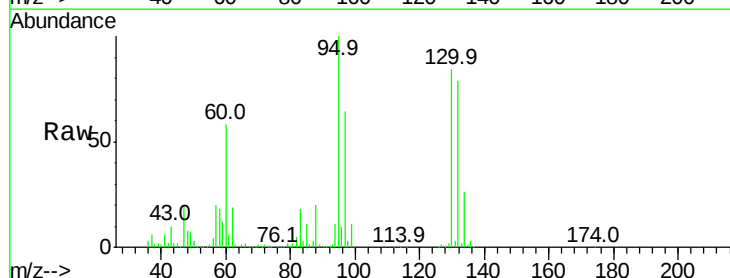
Manual Integrations
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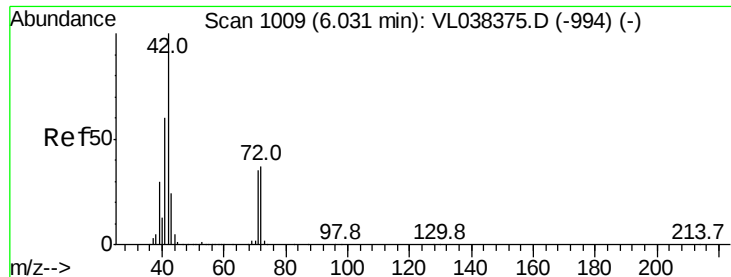
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#40
 1,4-Dioxane
 Concen: 10.46 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 88 Resp: 172461
 Ion Ratio Lower Upper
 88 100
 58 0.0 133.2 199.8#
 43 0.0 330.6 496.0#
 57 0.0 1462.7 2194.1#



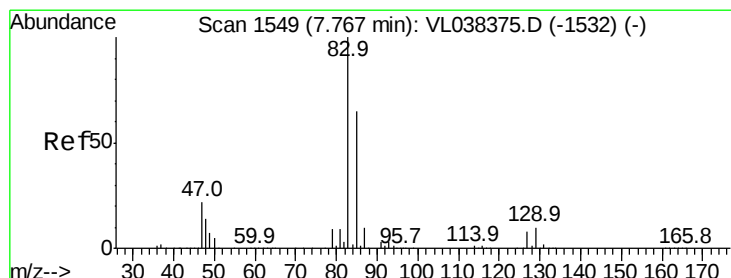
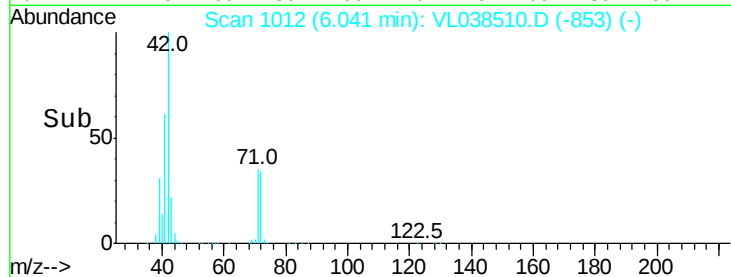
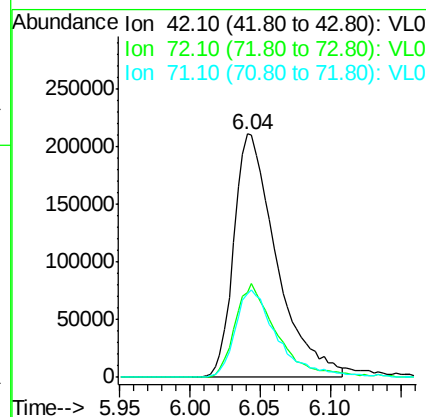
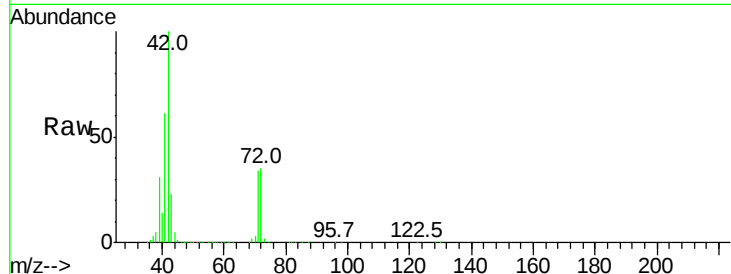


#41
Tetrahydrofuran
Concen: 10.62 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0303ABS01
Acq: 3 Mar 2022 12:11

Tgt Ion:
Ion Ratio
42 100
72 38.
71 36.

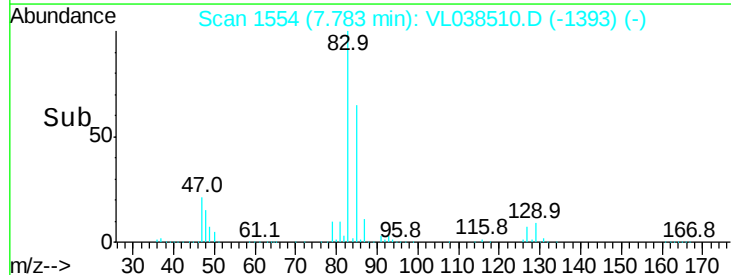
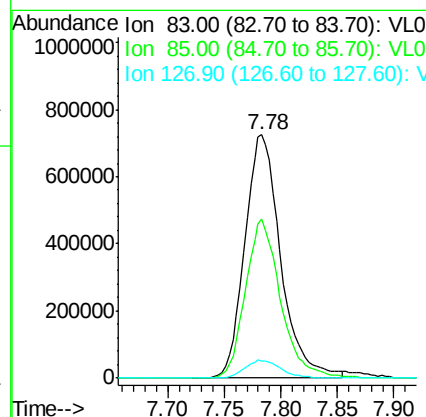
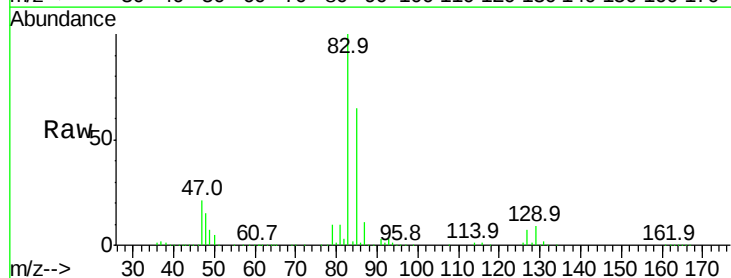
Manual Integrations
APPROVED

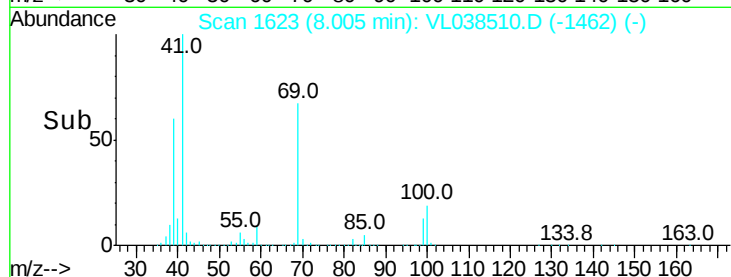
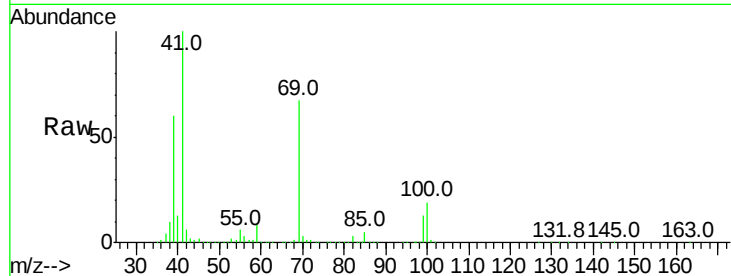
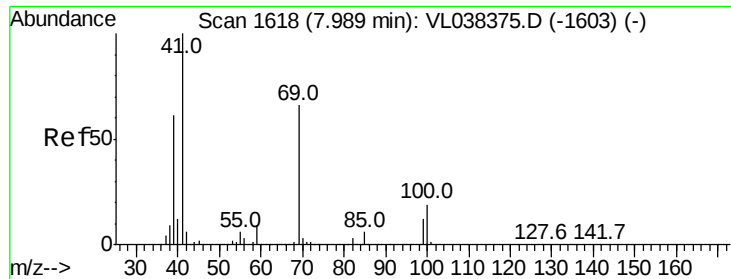
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#42
Bromodichloromethane
Concen: 11.01 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 83 Resp: 1602504
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 7.2 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.27 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL0303ABS01

Acq: 3 Mar 2022 12:11

Tgt Ion:

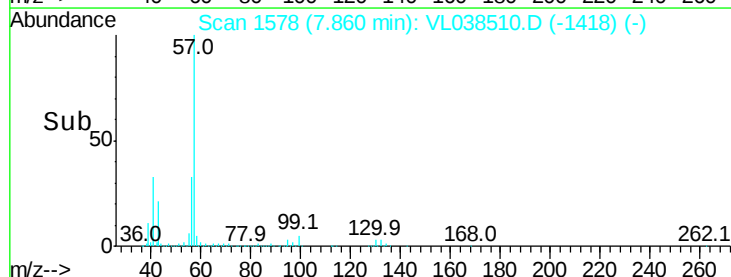
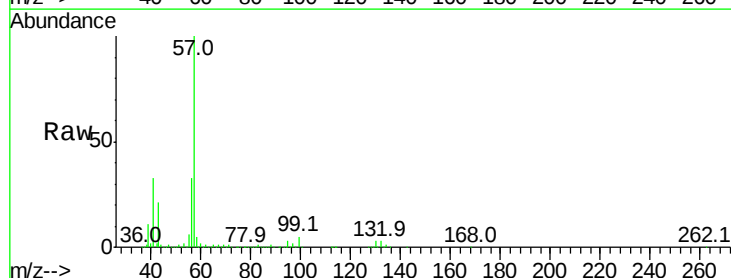
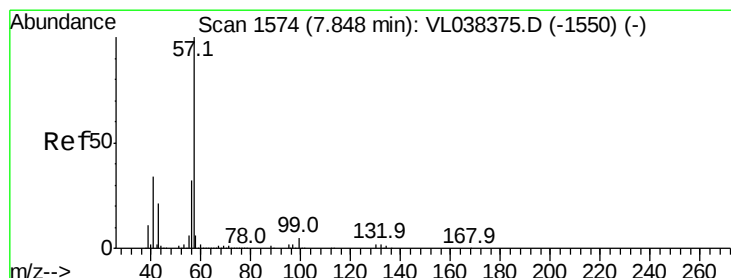
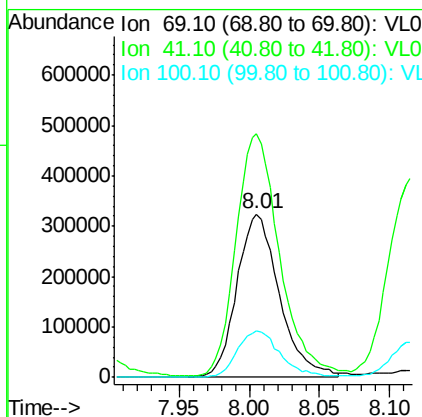
Ion	Ratio
69	100
41	153.
100	29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#44

2,2,4-Trimethylpentane

Concen: 10.71 ppbv

RT: 7.86 min Scan# 1578

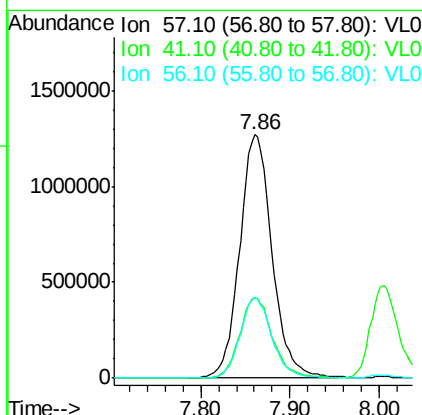
Delta R.T. 0.01 min

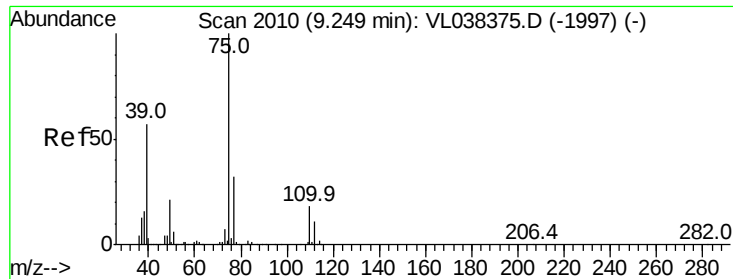
Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion: 57 Resp: 3212505

Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.6	39.8
56	32.2	25.0	37.6





#45

t-1,3-Dichloropropene

Concen: 11.52 ppbv

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11 VL0303ABS01

Tgt Ion:

Ion Ratio

75 100

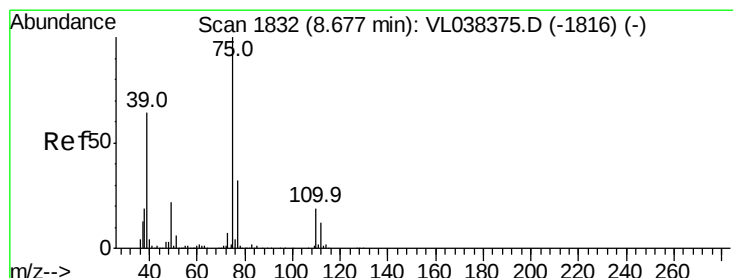
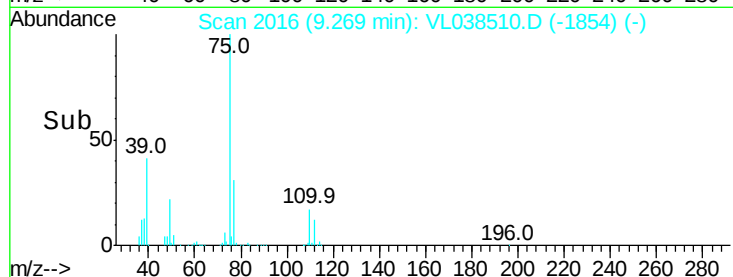
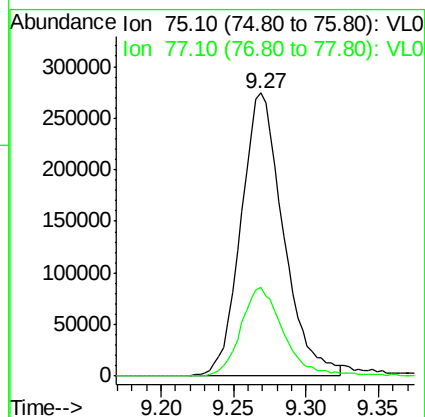
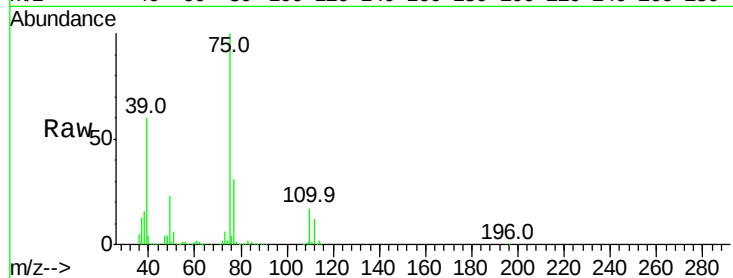
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#46

cis-1,3-Dichloropropene

Concen: 11.25 ppbv

RT: 8.69 min Scan# 1837

Delta R.T. 0.02 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

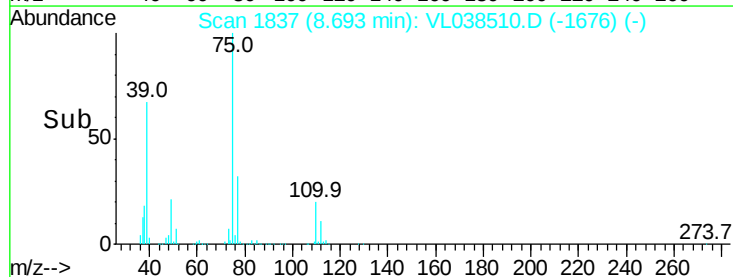
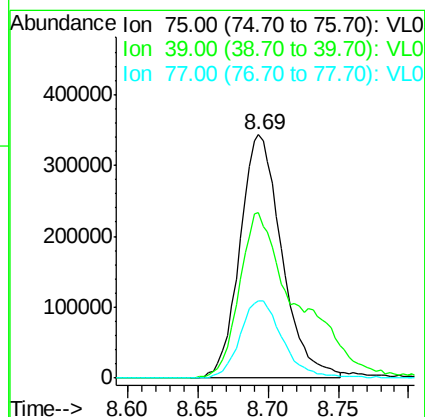
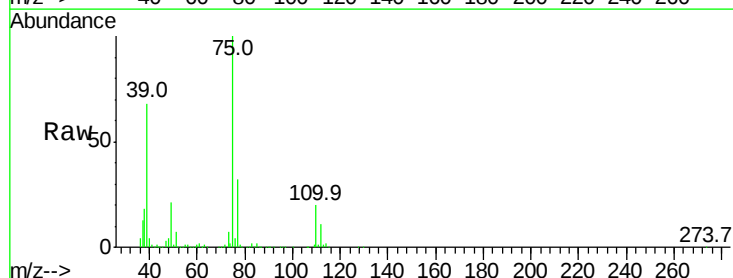
Tgt Ion: 75 Resp: 714440

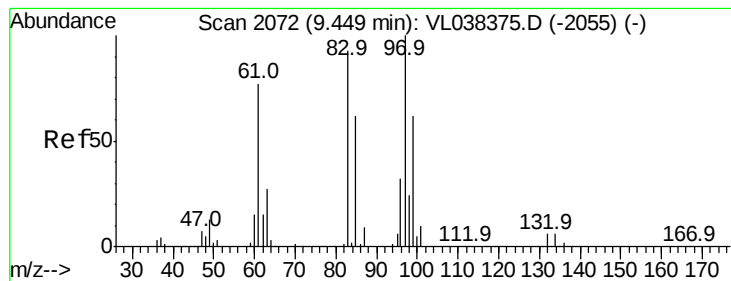
Ion Ratio Lower Upper

75 100

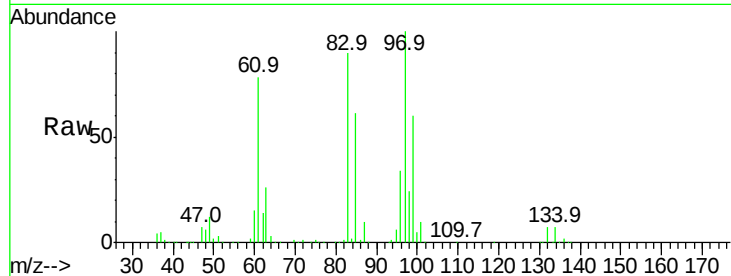
39 67.7 51.4 77.2

77 31.6 25.4 38.2





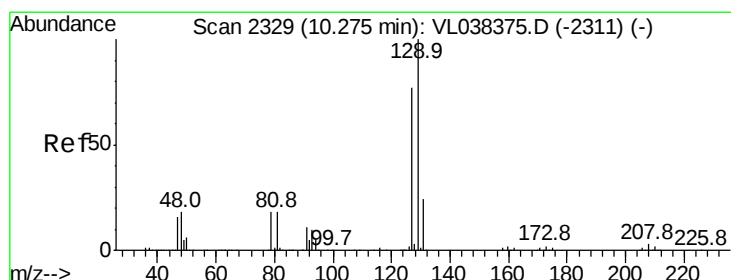
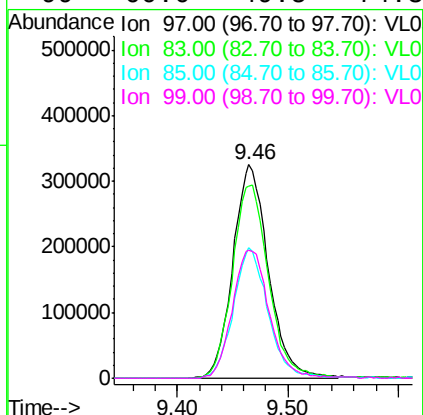
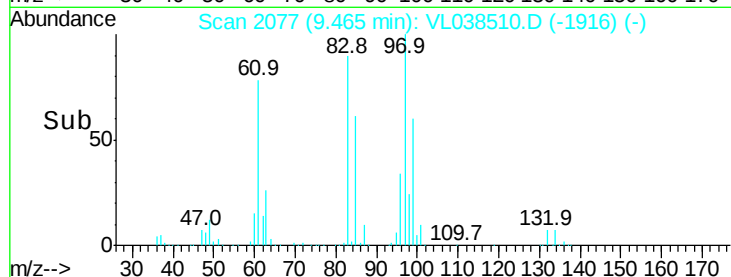
#47
1,1,2-Trichloroethane
Concen: 10.48 ppbv
RT: 9.46
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11



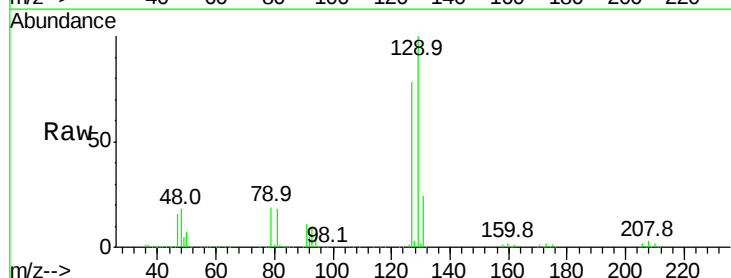
Tgt Ion:
Ion Ratio
97 100
83 89.
85 61.
99 60.0 49.5 74.3

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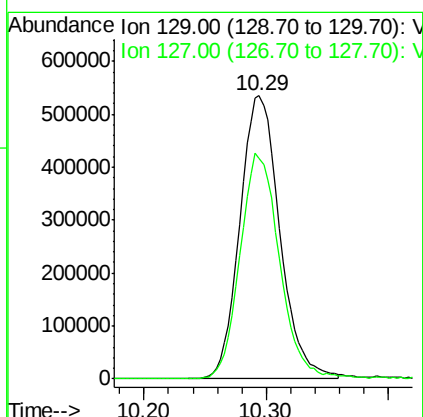
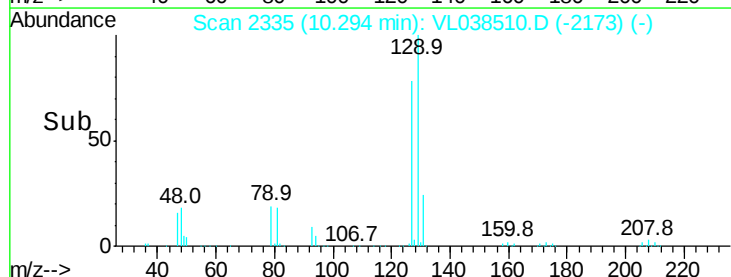
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022

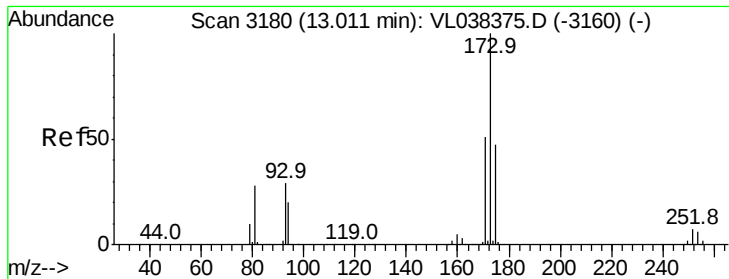


#48
Dibromochloromethane
Concen: 10.70 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11



Tgt Ion:129 Resp: 1209210
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.1





#49

Bromoform

Concen: 9.73 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 3 Mar 2022 12:11

Instrument:

MSVOA_1

ClientSampleId:

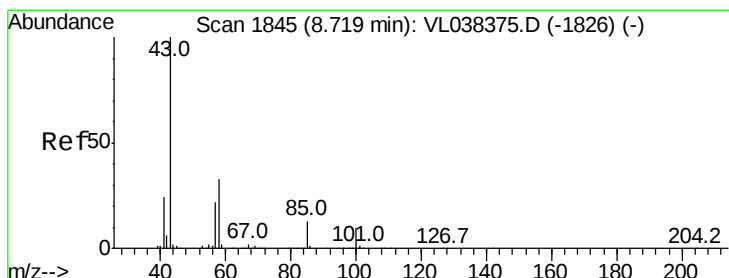
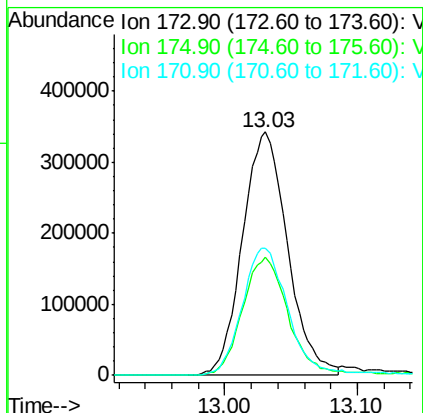
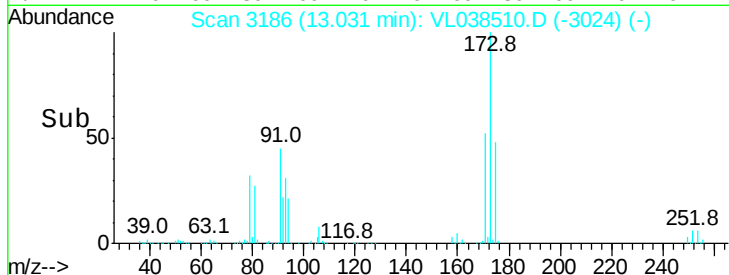
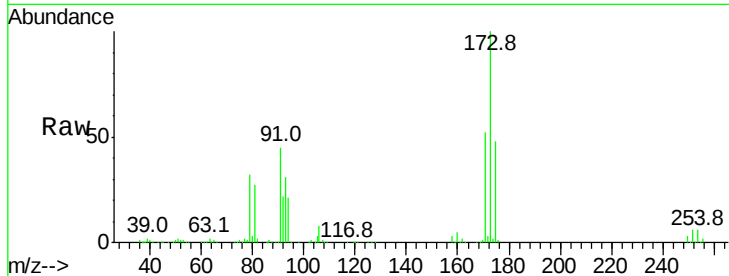
VL0303ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#50

4-Methyl-2-Pentanone

Concen: 11.55 ppbv

RT: 8.74 min Scan# 1850

Delta R.T. 0.02 min

Lab File: VL038510.D

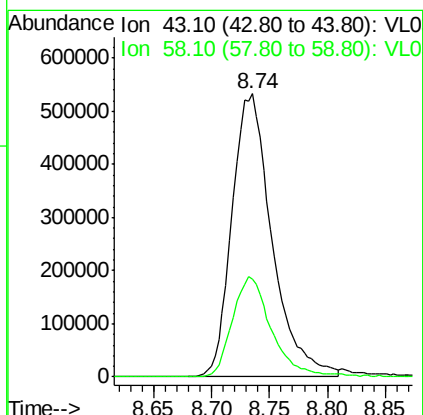
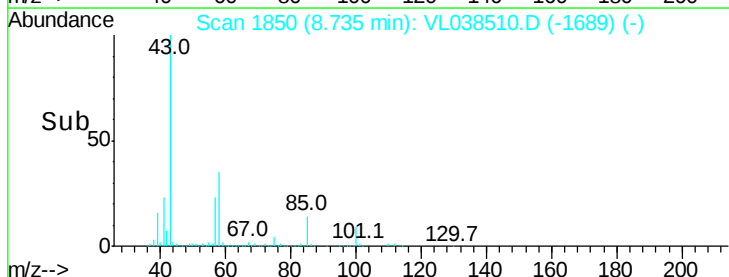
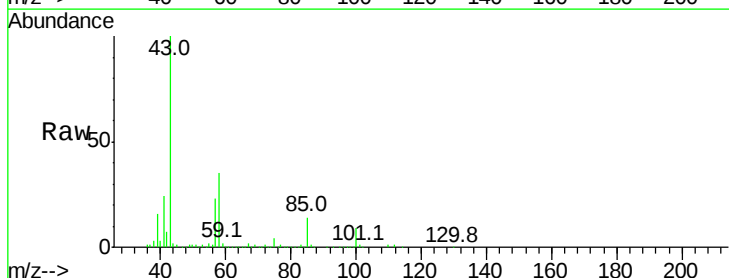
Acq: 3 Mar 2022 12:11

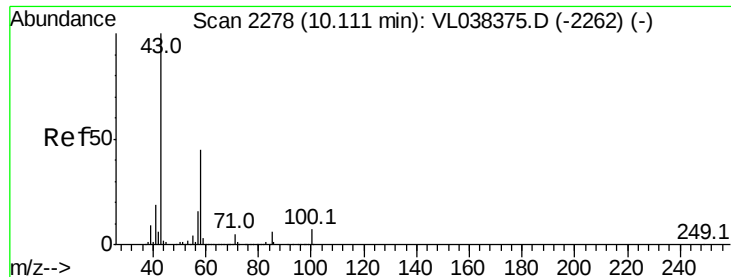
Tgt Ion: 43 Resp: 1272627

Ion Ratio Lower Upper

43 100

58 35.1 27.7 41.5



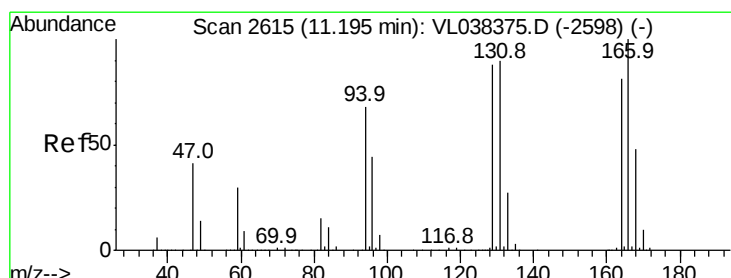
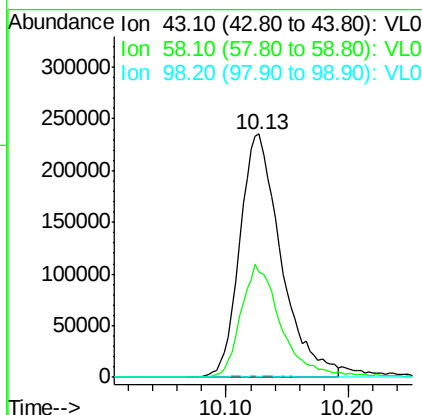
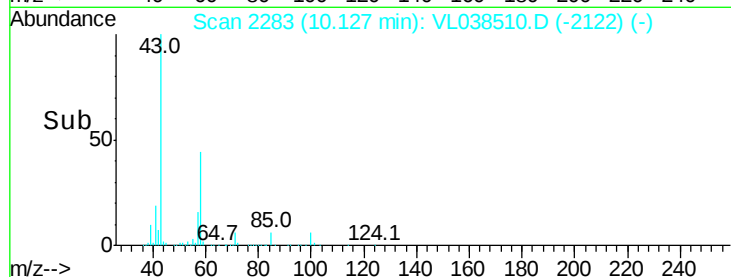
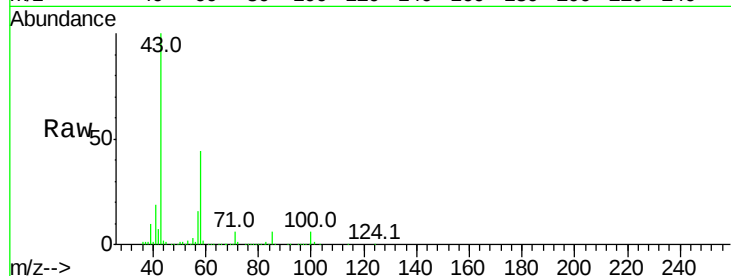


#51
2-Hexanone
Concen: 11.15 ppbv
RT: 10.13 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tgt Ion:
Ion Ratio
43 100
58 46.
98 0.

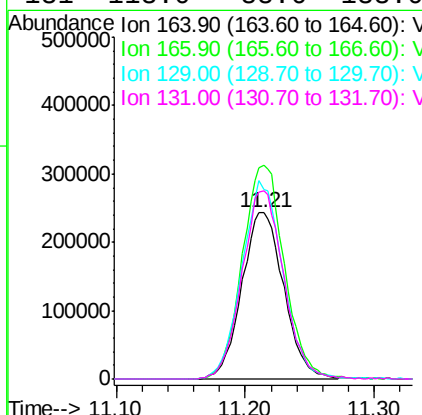
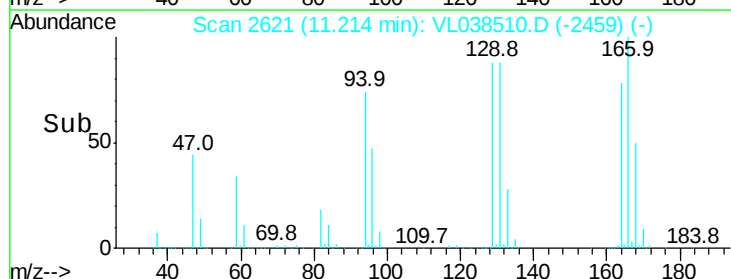
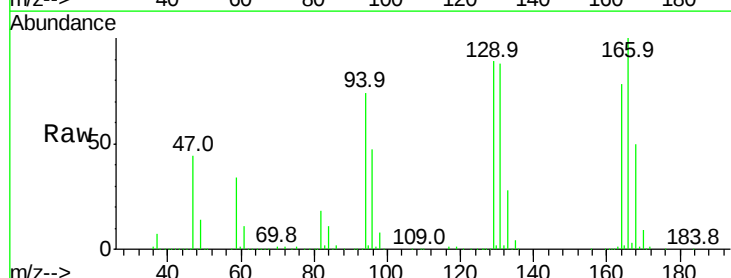
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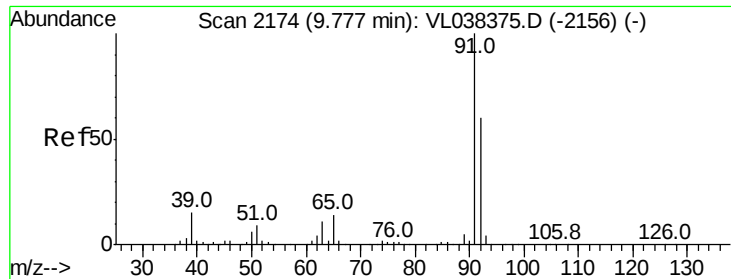
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#52
Tetrachloroethene
Concen: 9.55 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:164 Resp: 552961
Ion Ratio Lower Upper
164 100
166 128.4 98.6 148.0
129 113.6 86.9 130.3
131 113.0 88.6 133.0





#53

Toluene

Concen: 10.77 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

91 100

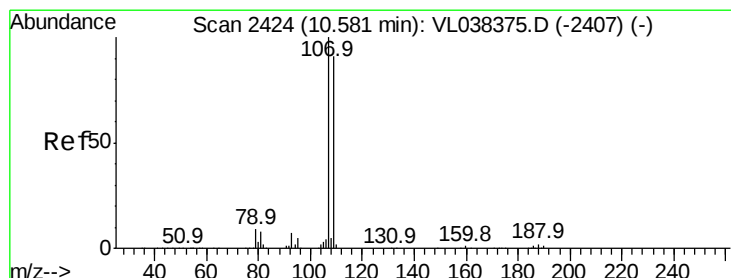
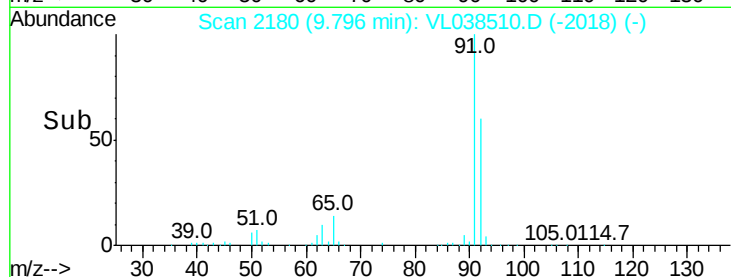
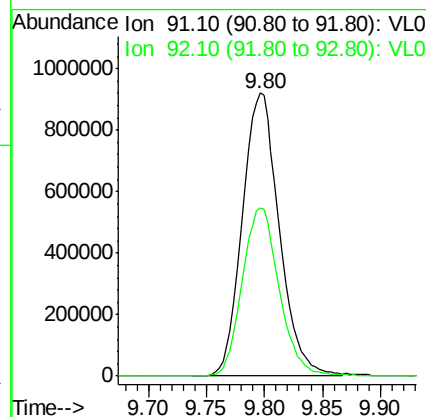
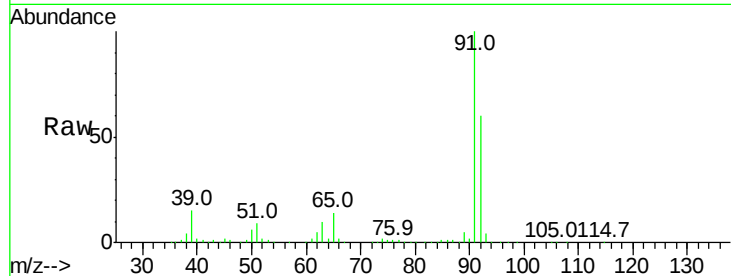
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#54

1,2-Dibromoethane

Concen: 10.66 ppbv

RT: 10.60 min Scan# 2430

Delta R.T. 0.02 min

Lab File: VL038510.D

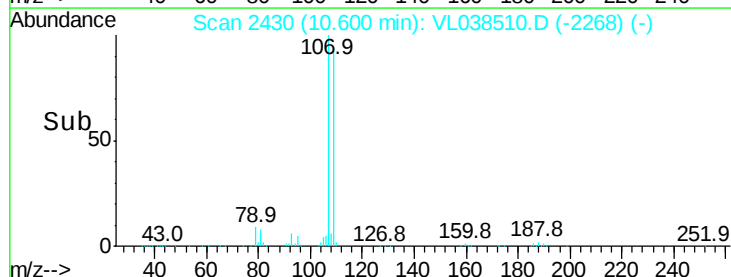
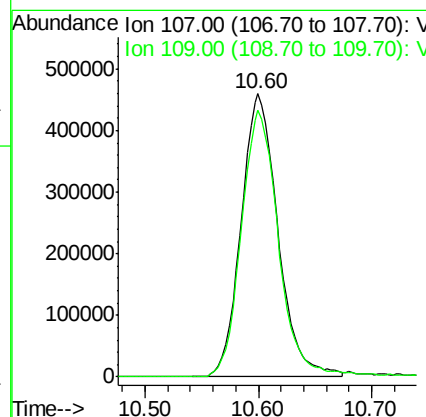
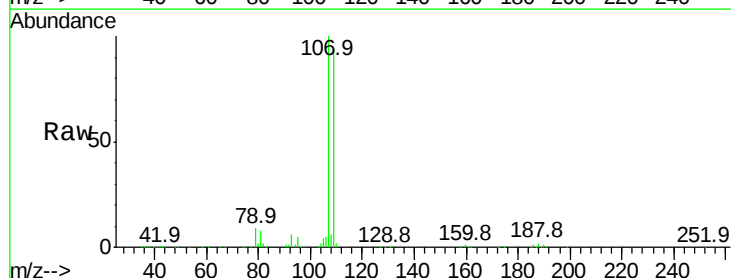
Acq: 3 Mar 2022 12:11

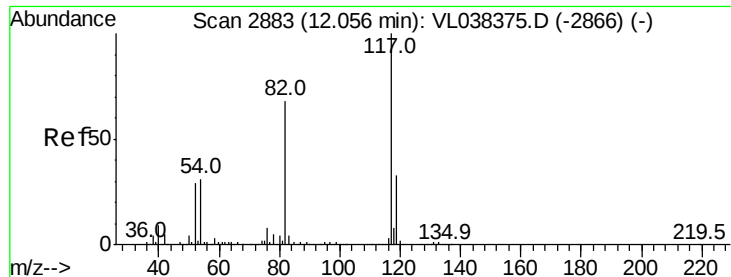
Tgt Ion:107 Resp: 1037599

Ion Ratio Lower Upper

107 100

109 94.4 73.0 109.6



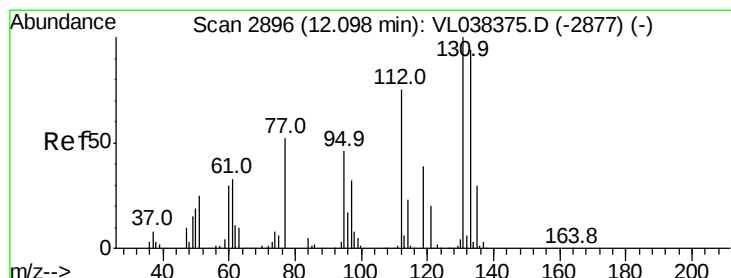
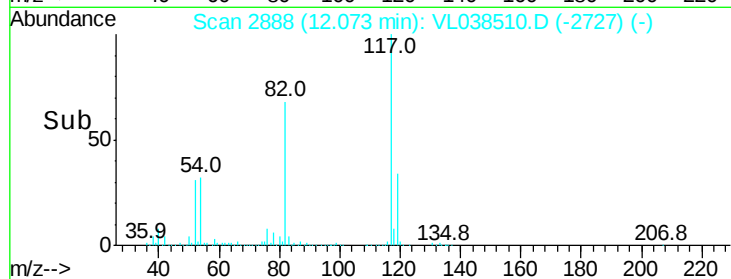
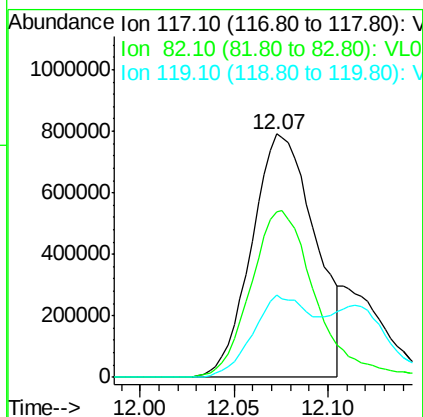
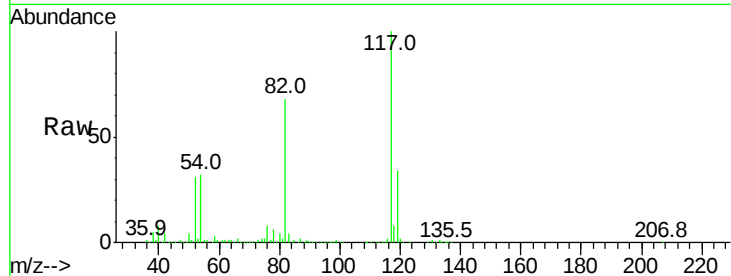


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tgt Ion:1
Ion Rati
117 100
82 72.
119 30.

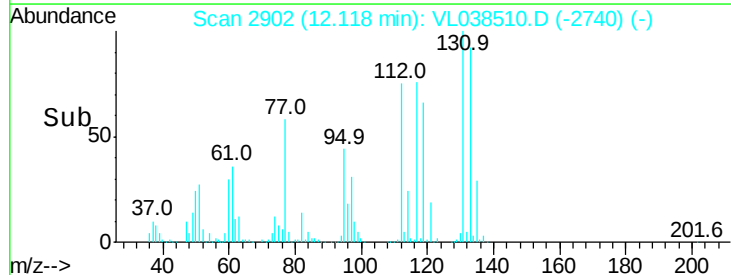
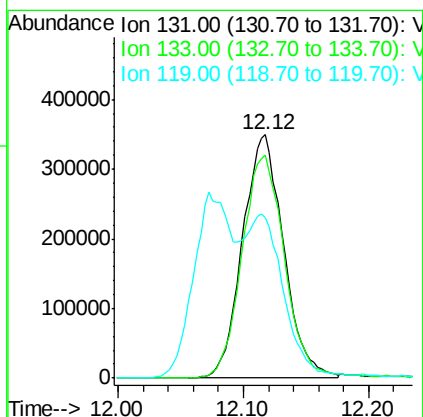
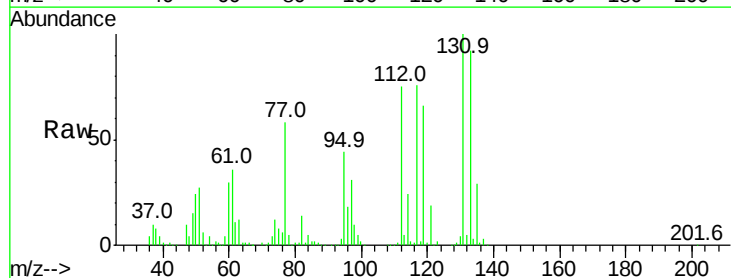
Manual Integrations
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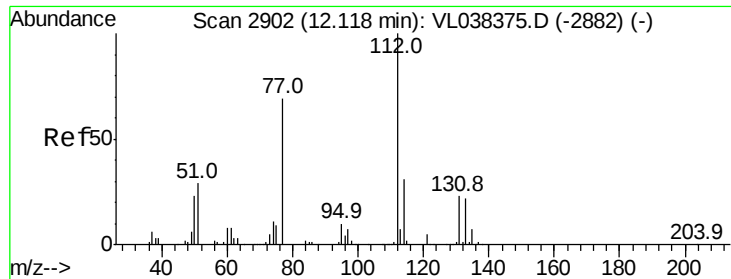
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.35 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:131 Resp: 796730
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 67.3 48.6 73.0





#57

Chlorobenzene

Concen: 9.63 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 12:11

Tgt Ion:1

Ion Rati

112 100

77 70.

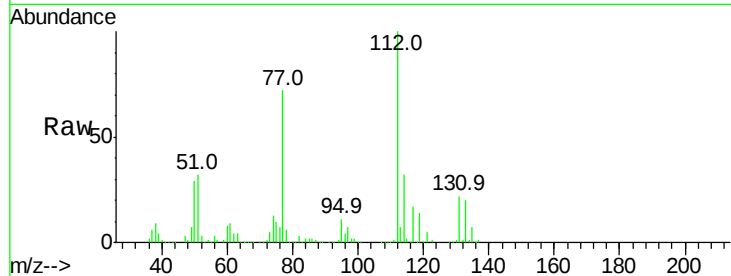
114 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

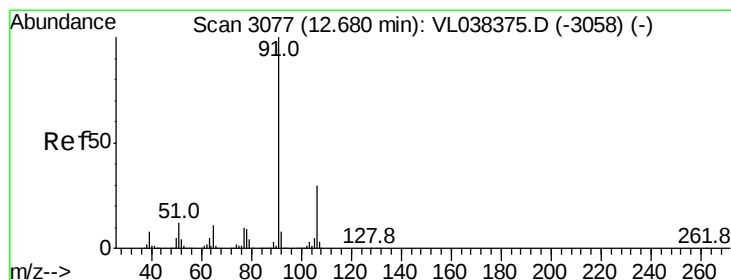
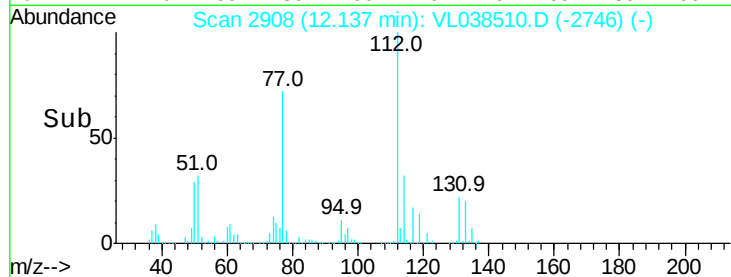
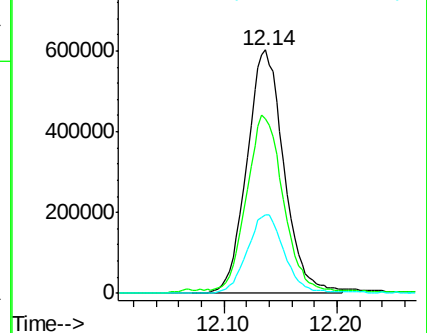
Supervised By :Mahesh Dadoda 03/05/2022



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: 10.38 ppbv

RT: 12.70 min Scan# 3084

Delta R.T. 0.02 min

Lab File: VL038510.D

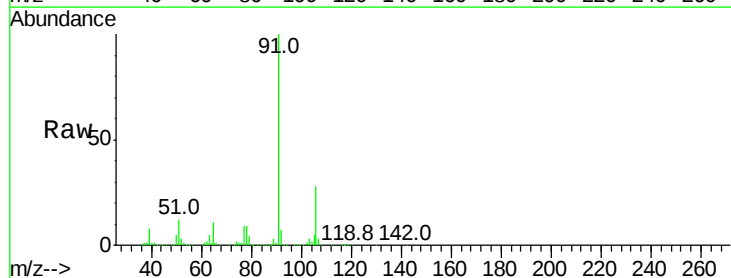
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2622611

Ion Ratio Lower Upper

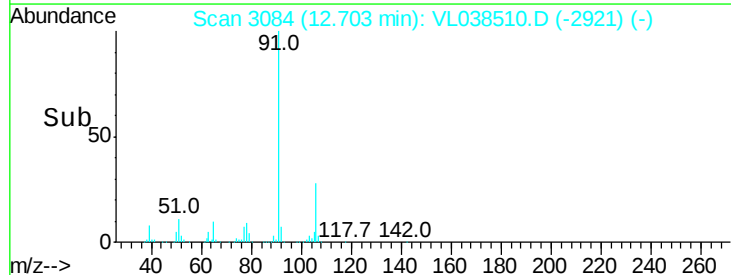
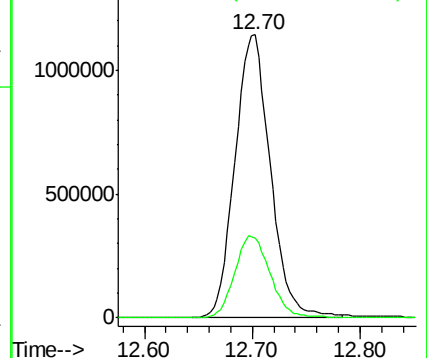
91 100

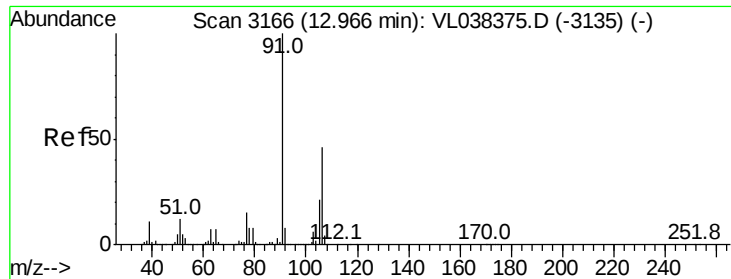
106 28.1 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



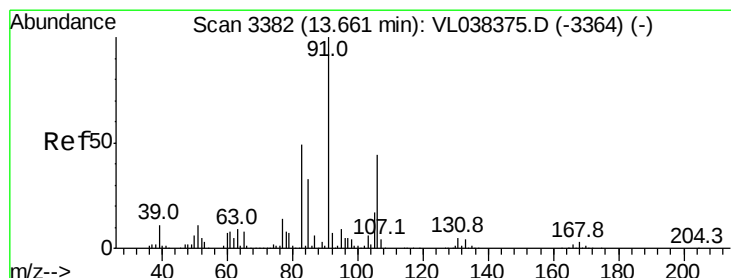
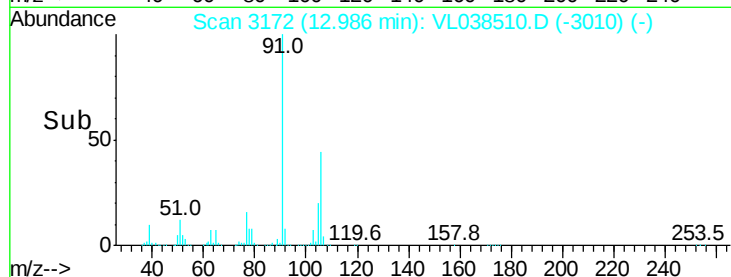
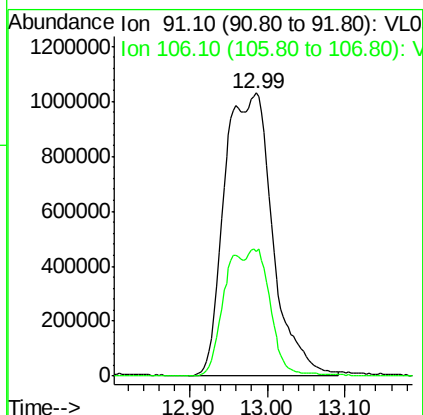
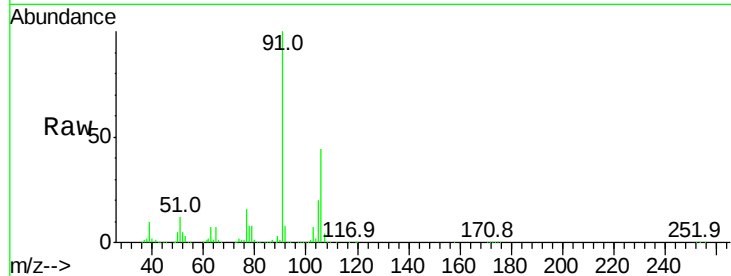


#59
m/p-Xylene
Concen: 20.45 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 12:11

Tgt Ion:
Ion Ratio
91 100
106 42.

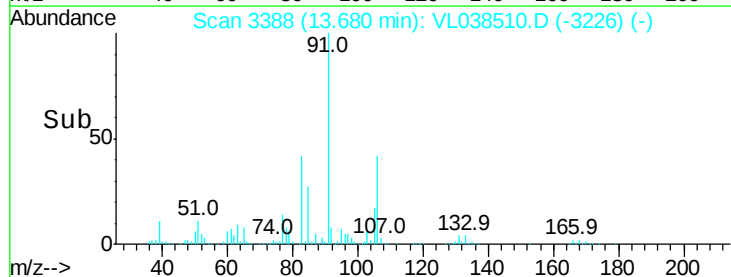
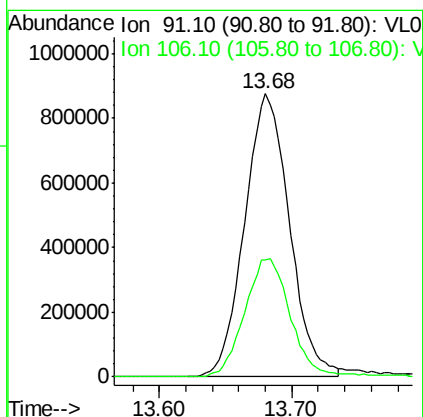
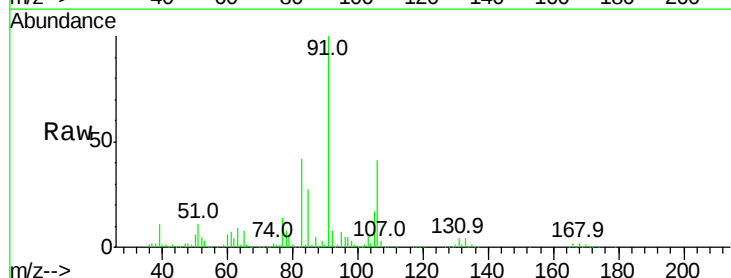
Manual Integrations
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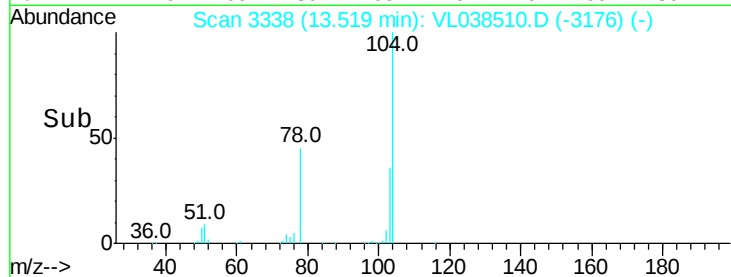
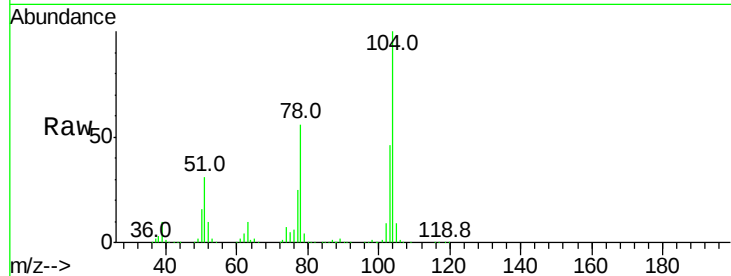
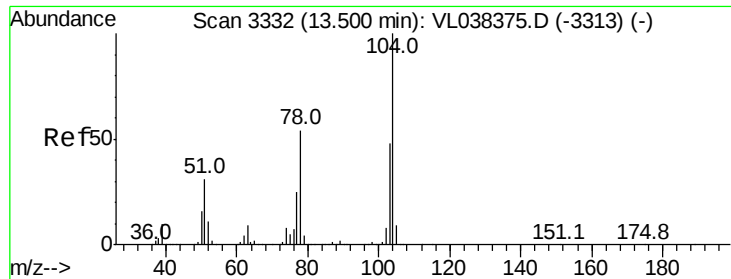
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#60
o-Xylene
Concen: 10.02 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2054434
Ion Ratio Lower Upper
91 100
106 43.4 21.9 65.5



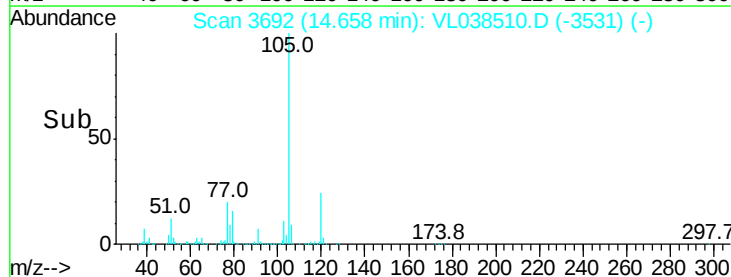
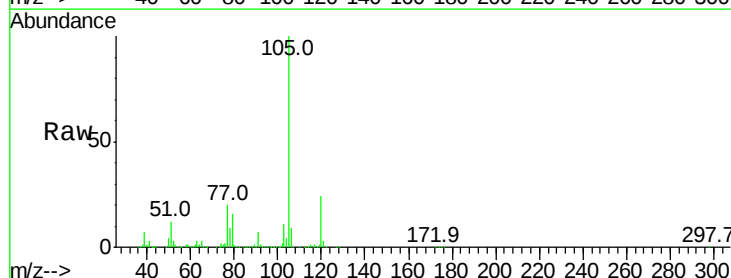
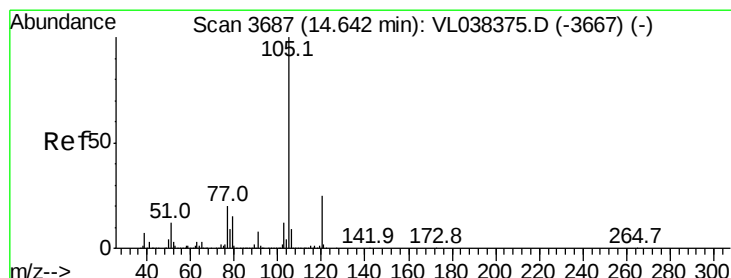
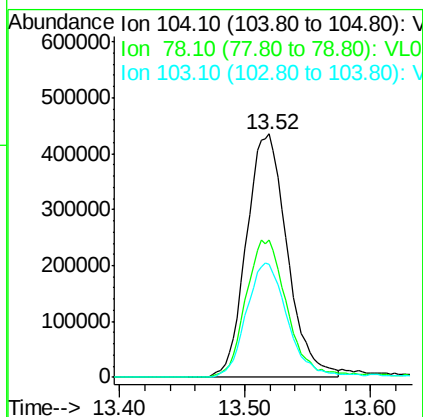


#61
Styrene
Concen: 10.40 ppbv
RT: 13.52
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled : VL0303ABS01
Acq: 3 Mar 2022 12:11

Tgt Ion:1
Ion Rati
104 100
78 58.
103 48.

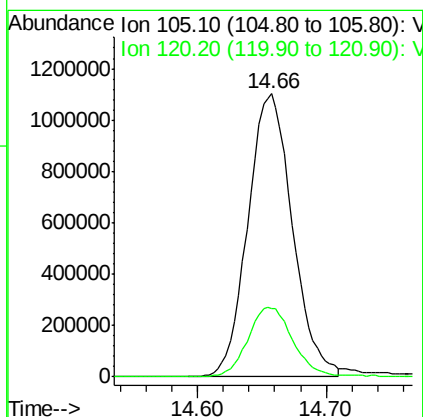
Manual Integrations
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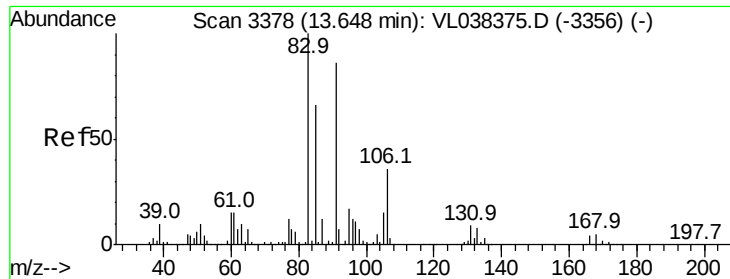
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/05/2022



#62
Isopropylbenzene
Concen: 9.62 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion:105 Resp: 2647057
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8



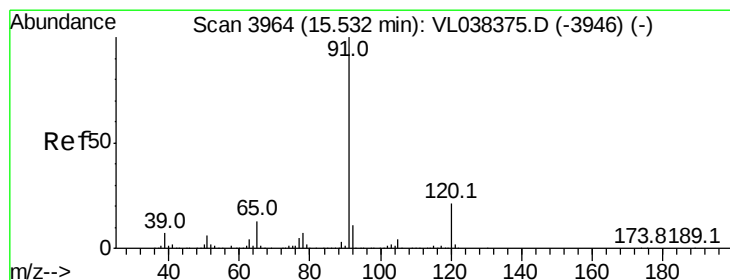
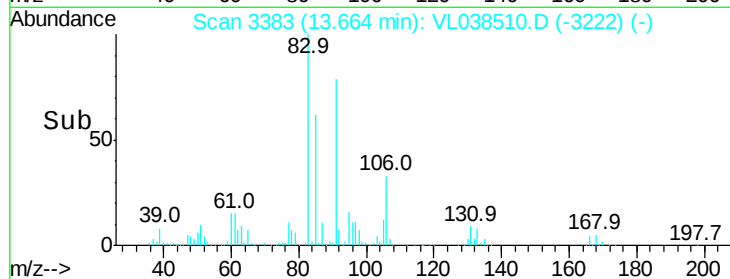
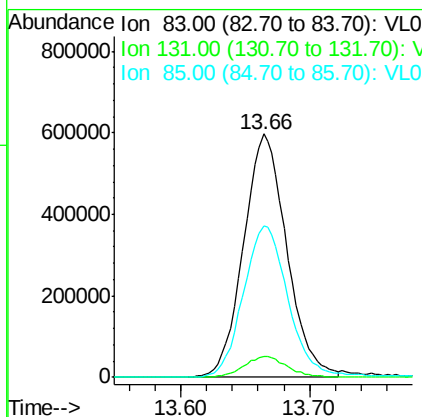
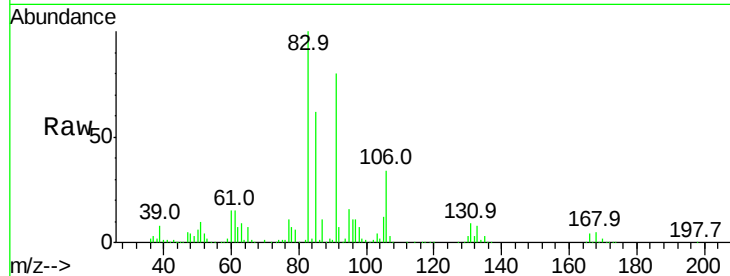


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.31 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion:
 Ion Ratio
 83 100
 131 8.
 85 66.

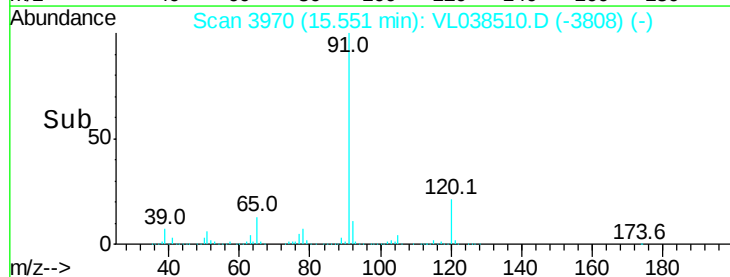
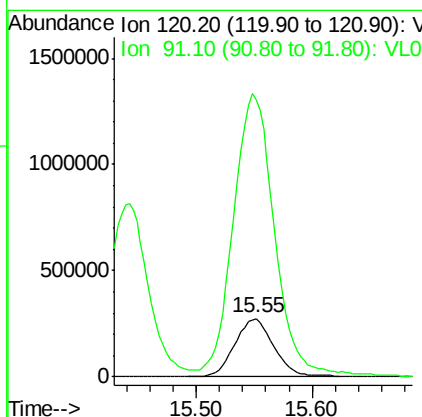
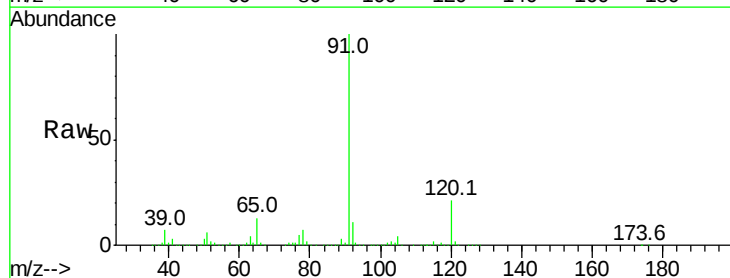
Manual Integrations
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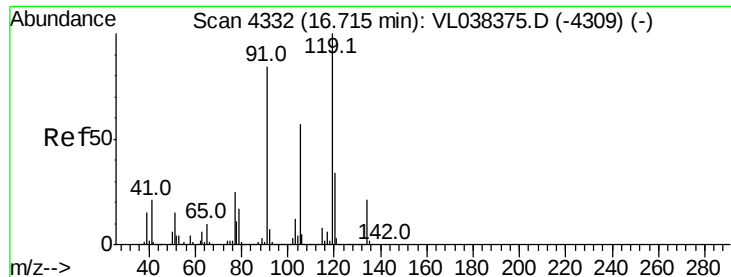
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#64
 n-propylbenzene
 Concen: 9.45 ppbv
 RT: 15.55 min Scan# 3970
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion:120 Resp: 644038
 Ion Ratio Lower Upper
 120 100
 91 514.3 388.1 582.1





#65

tert-Butylbenzene

Concen: 9.11 ppbv

RT: 16.73

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11

Tgt Ion:1

Ion Rati

119 100

91 87.

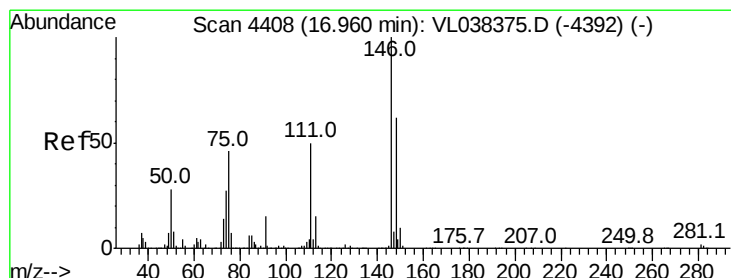
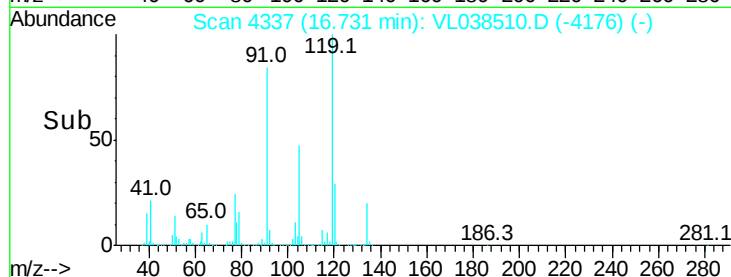
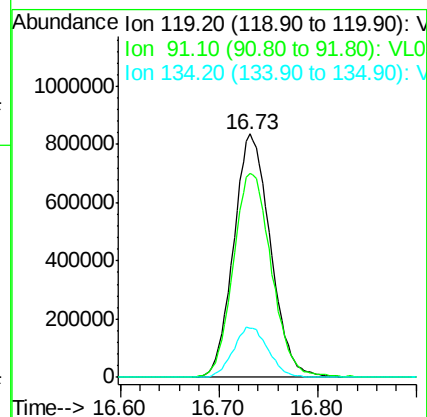
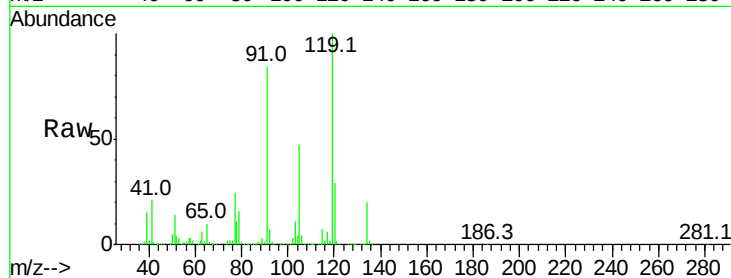
134 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#66

Benzyl Chloride

Concen: 8.65 ppbv m

RT: 16.98 min Scan# 4414

Delta R.T. 0.02 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

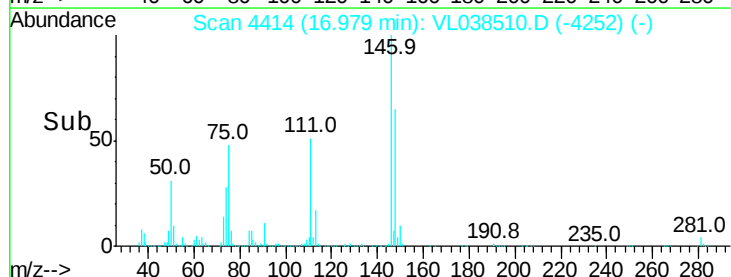
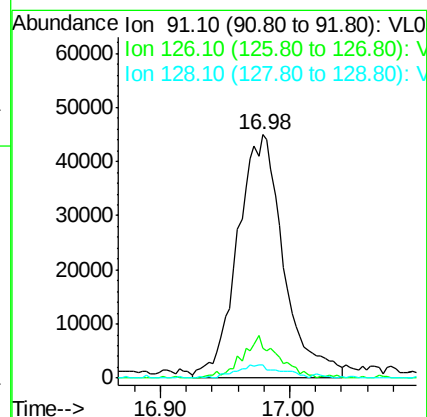
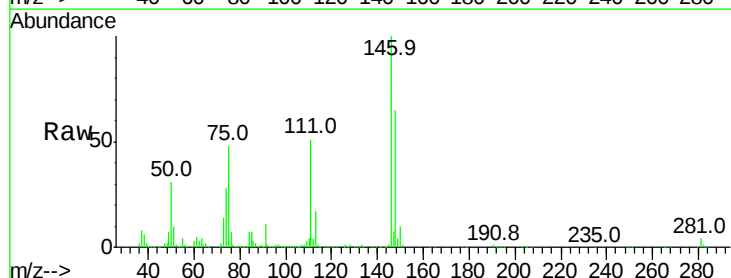
Tgt Ion: 91 Resp: 111456

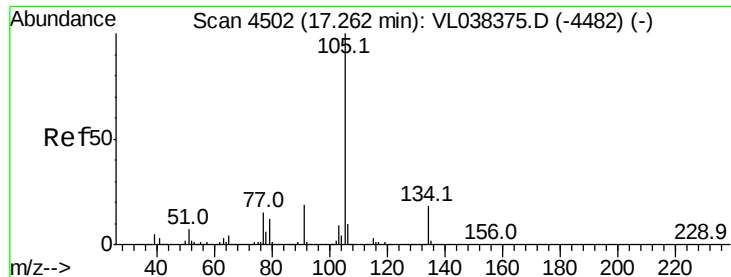
Ion Ratio Lower Upper

91 100

126 13.6 12.3 18.5

128 5.8 4.2 6.4



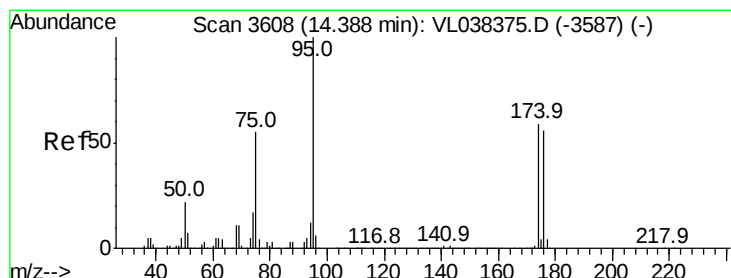
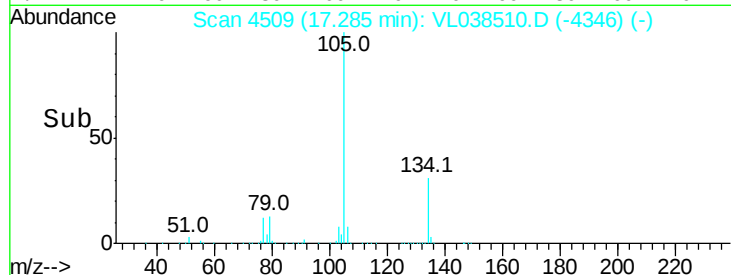
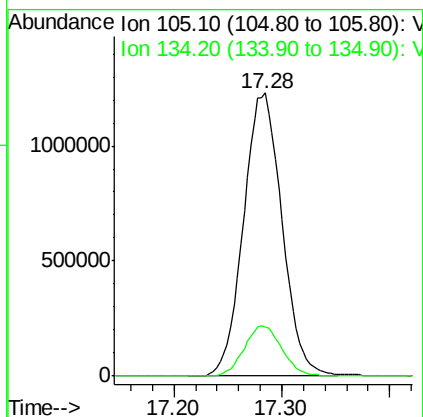
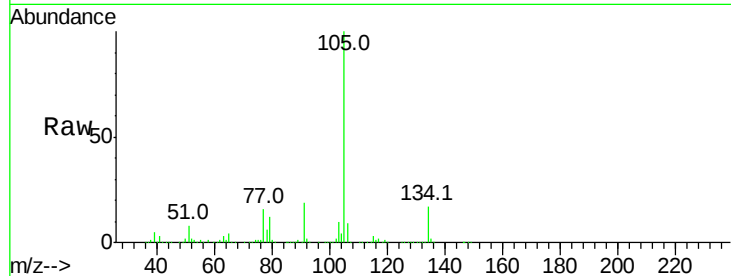


#67
 sec-Butylbenzene
 Concen: 9.01 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 1
 Ion Ratio
 105 100
 134 17.

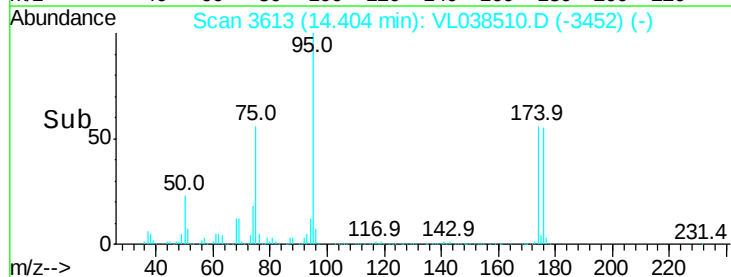
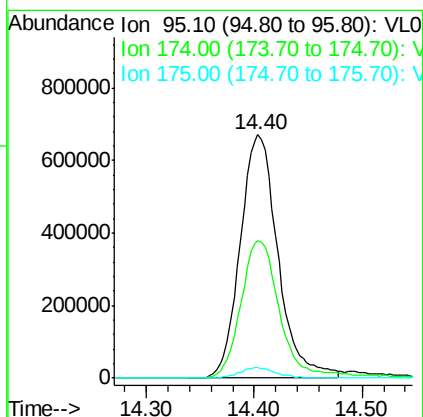
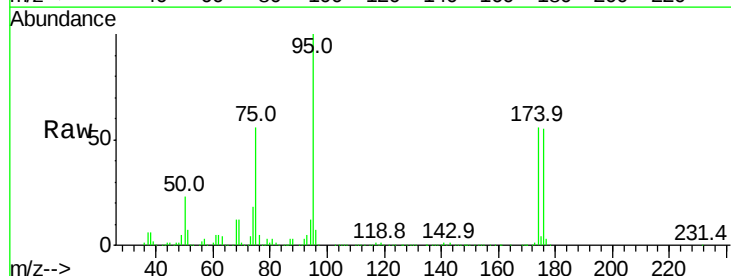
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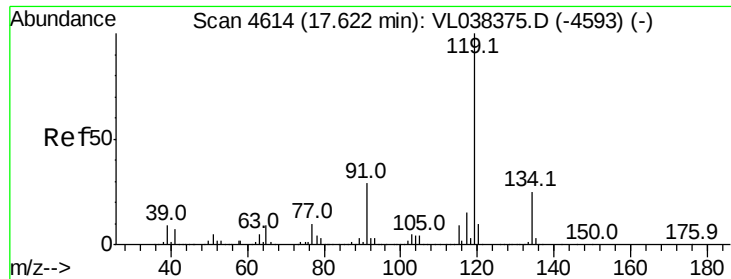
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.70 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 95 Resp: 1634665
 Ion Ratio Lower Upper
 95 100
 174 59.4 49.0 73.4
 175 4.3 3.6 5.4



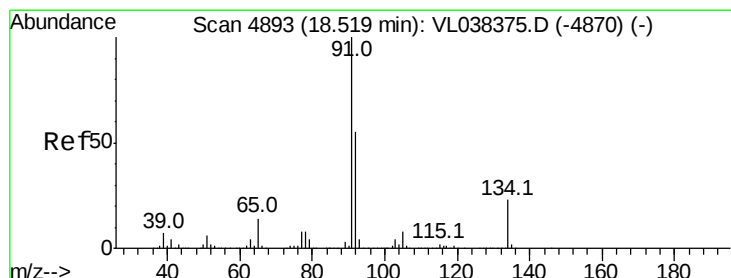
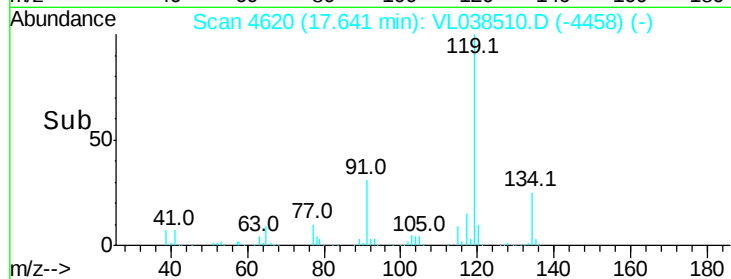
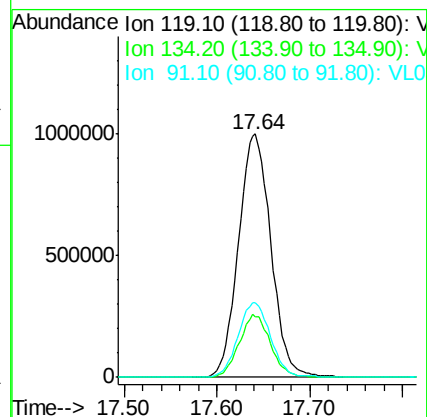
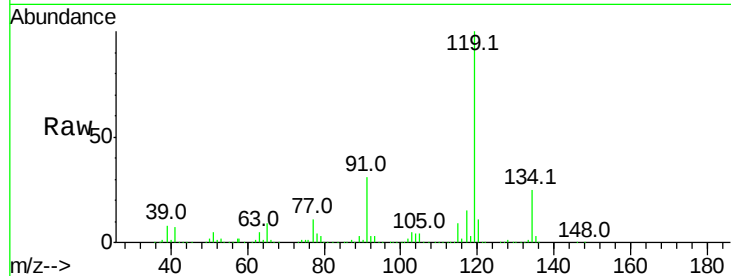


#69
 p-Isopropyltoluene
 Concen: 9.12 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 119.1
 Ion Ratio
 119 100
 134 24.1
 91 30.1

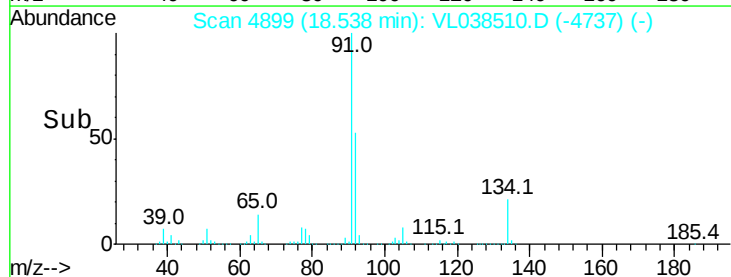
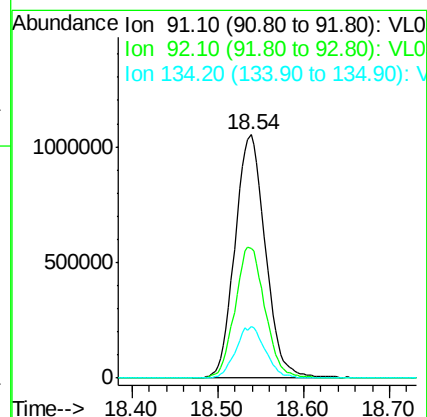
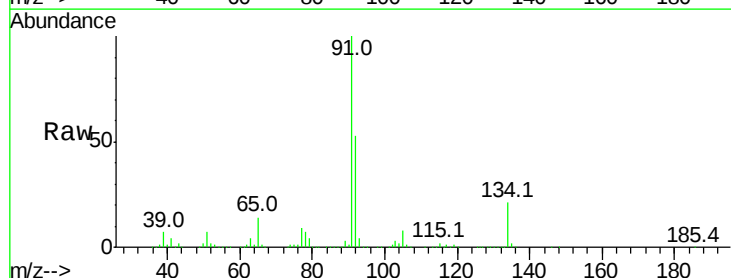
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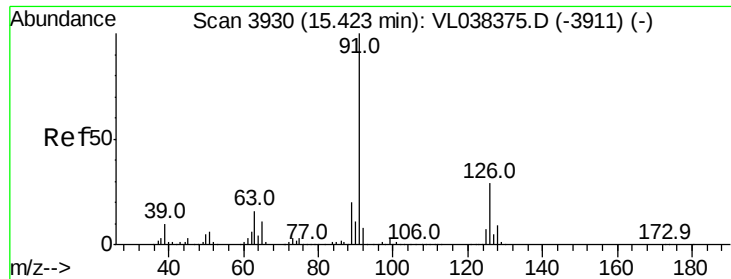
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022



#70
 n-Butylbenzene
 Concen: 9.41 ppbv
 RT: 18.54 min Scan# 4899
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 91 Resp: 2583814
 Ion Ratio Lower Upper
 91 100
 92 53.4 43.1 64.7
 134 20.8 17.4 26.0





#71

2-Chlorotoluene

Concen: 9.24 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 12:11

Tgt Ion:

Ion Ratio

91 100

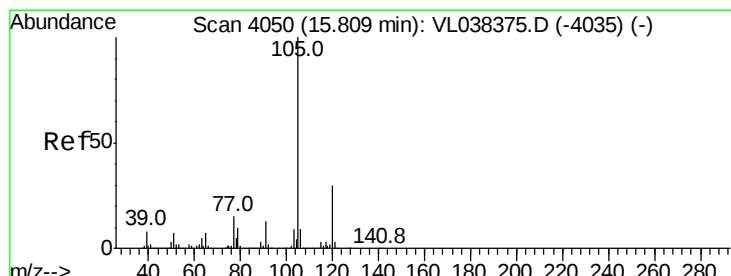
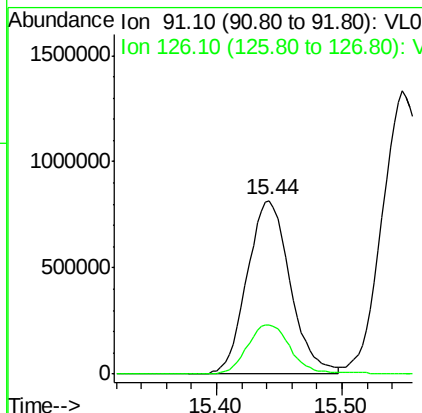
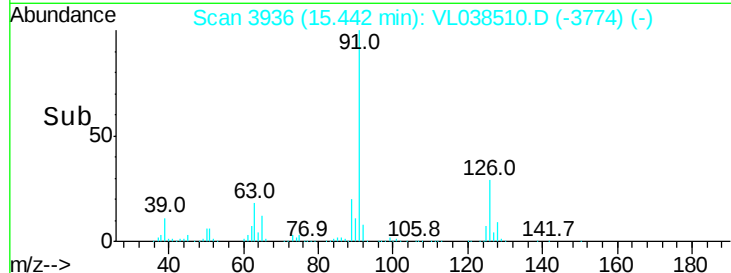
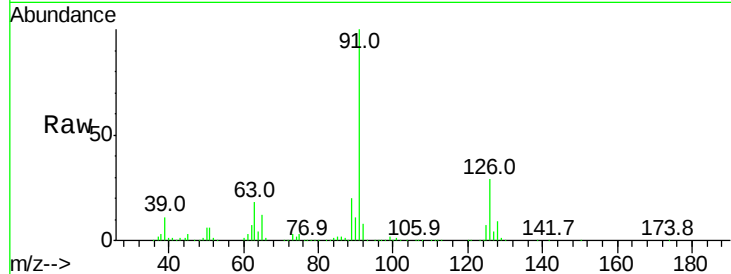
126 29.

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APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/05/2022



#72

4-Ethyltoluene

Concen: 9.67 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. 0.02 min

Lab File: VL038510.D

Acq: 3 Mar 2022 12:11

Tgt Ion:105 Resp: 2183726

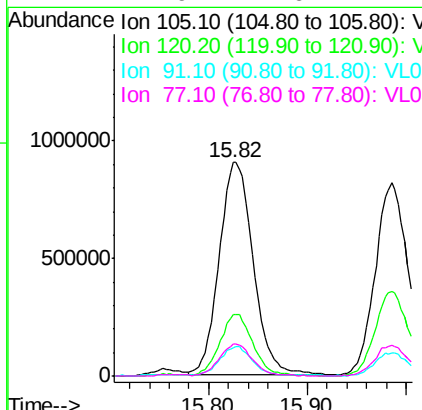
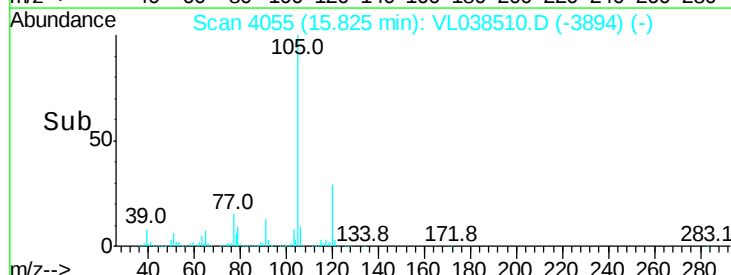
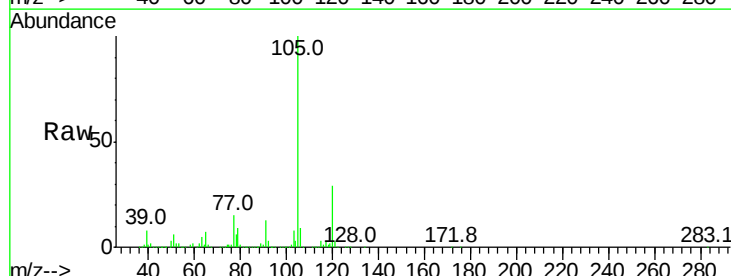
Ion Ratio Lower Upper

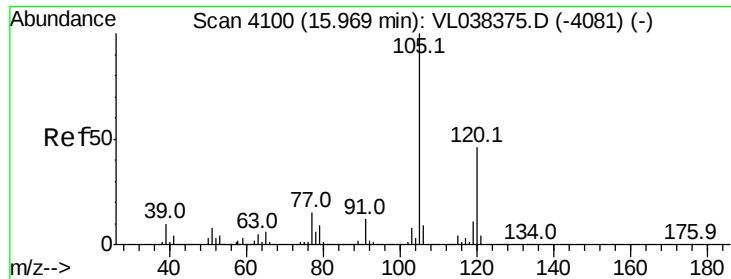
105 100

120 28.5 23.4 35.2

91 13.2 10.4 15.6

77 14.9 11.6 17.4



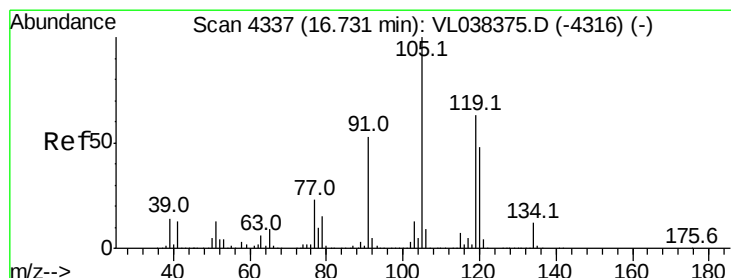
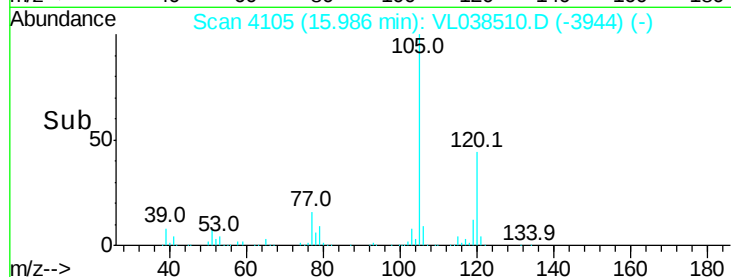
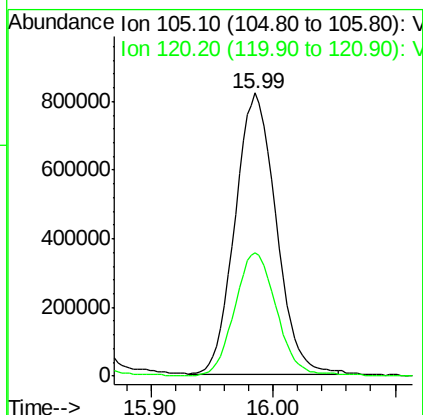
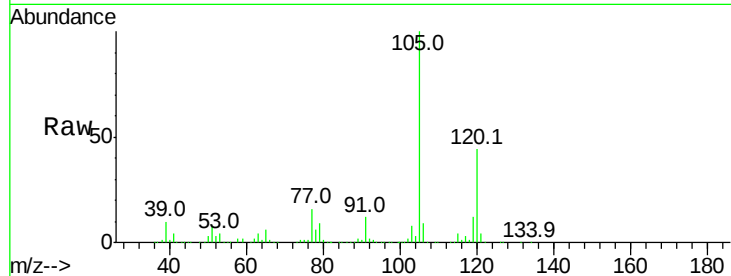


#73
 1,3,5-Trimethylbenzene
 Concen: 9.24 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 105
 Ion Ratio: 100
 120 43.

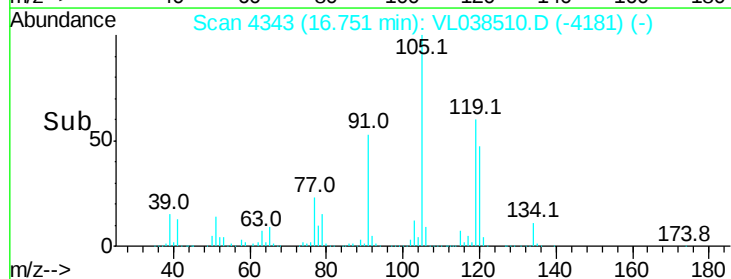
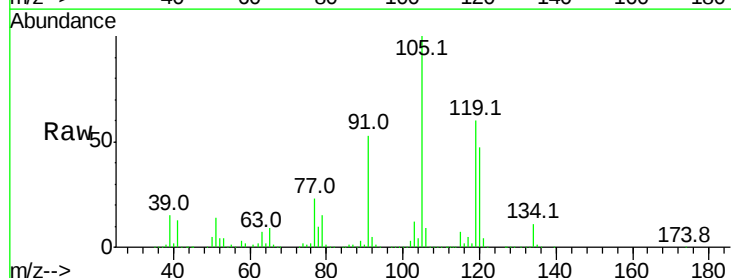
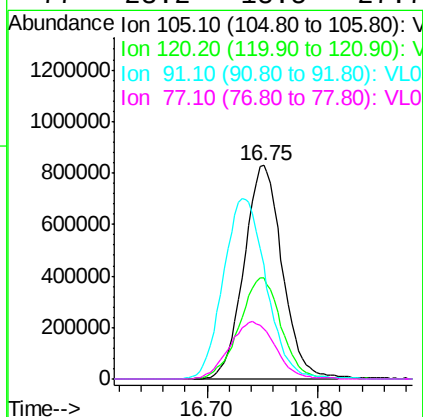
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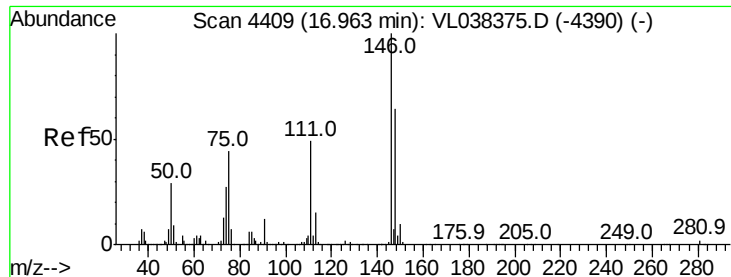
Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.19 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 105 Resp: 1990023
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.2 57.4
 91 52.9 42.7 64.1
 77 23.2 18.5 27.7



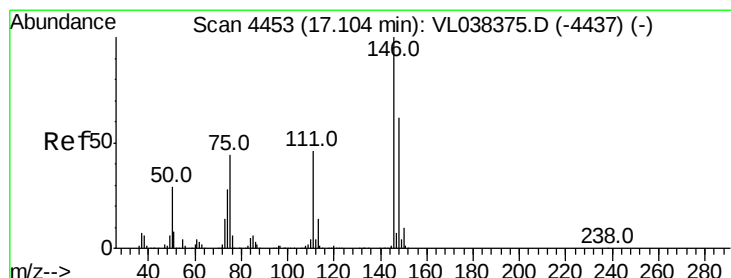
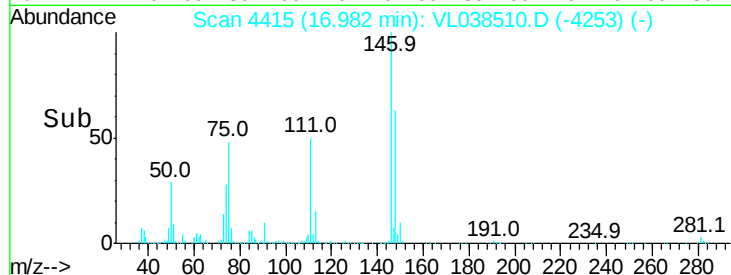
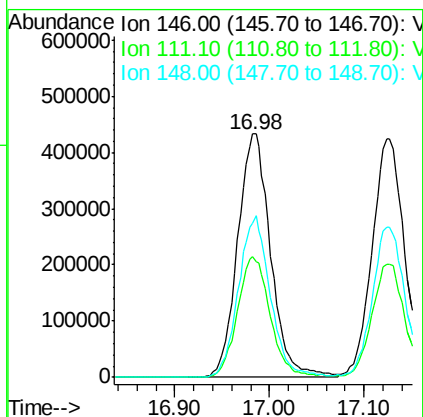
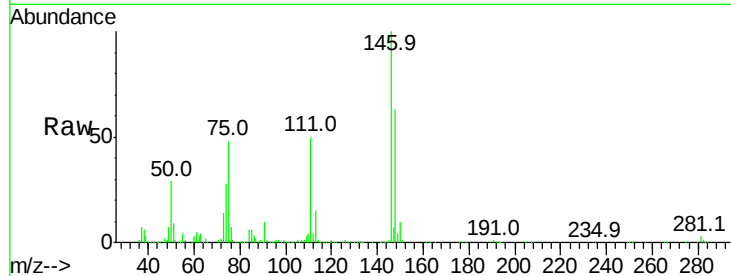


#75
 1,3-Dichlorobenzene
 Concen: 8.65 ppbv
 RT: 16.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 146
 Ion Ratio: 100
 111 49.1
 148 63.1

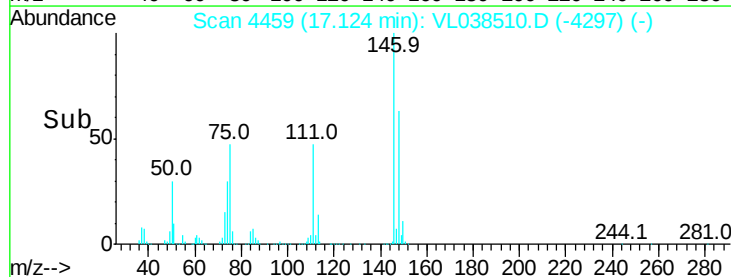
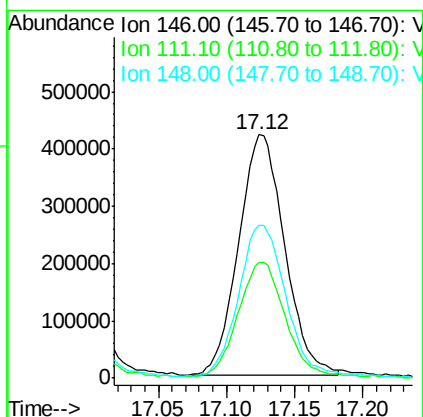
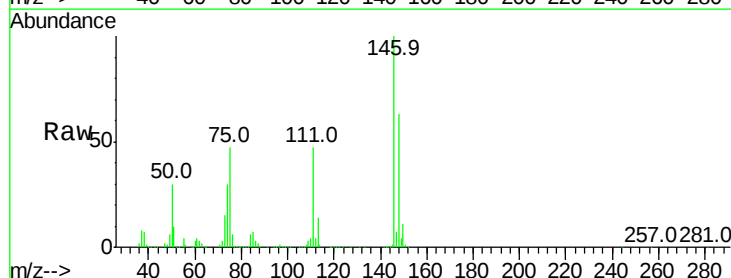
Manual Integrations
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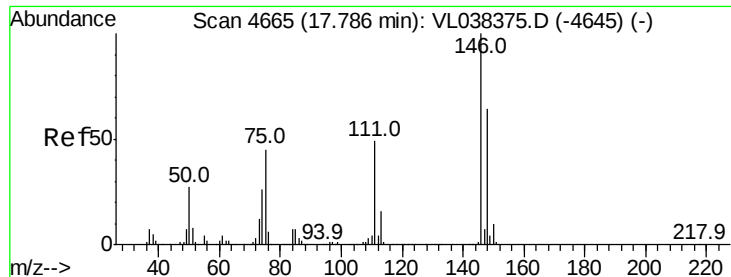
Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022



#76
 1,4-Dichlorobenzene
 Concen: 8.21 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 146 Resp: 982257
 Ion Ratio Lower Upper
 146 100
 111 49.8 24.1 72.2
 148 67.1 32.8 98.4



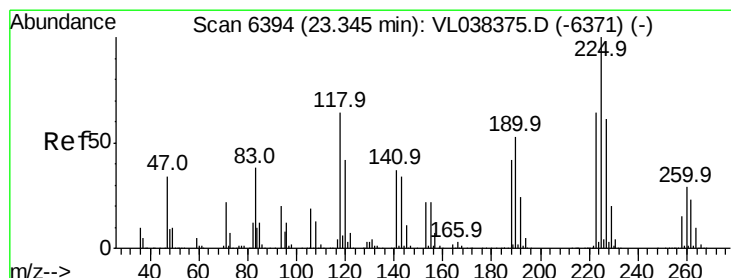
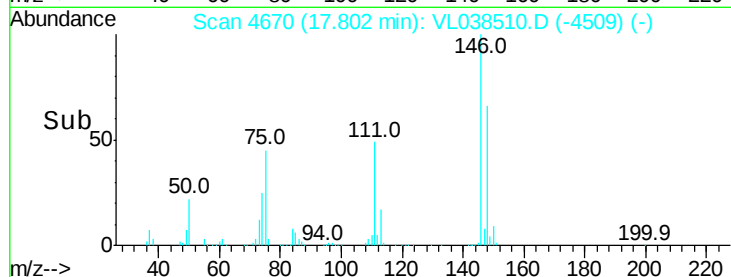
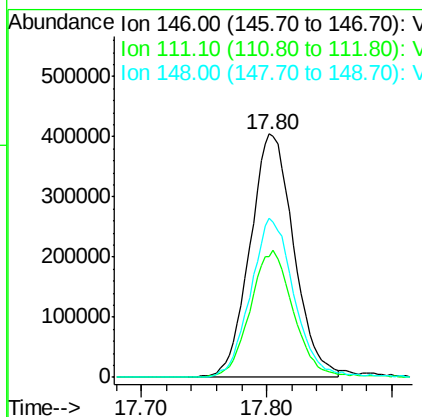
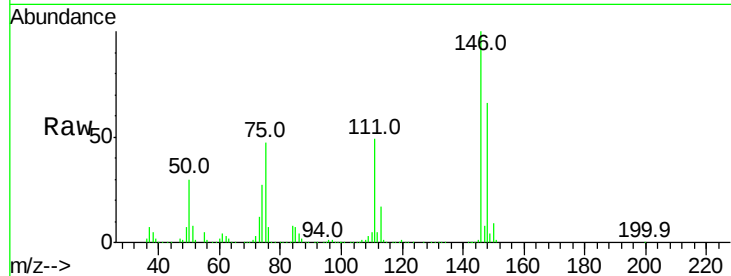


#77
 1,2-Dichlorobenzene
 Concen: 8.38 ppbv
 RT: 17.80 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VL0303ABS01
 Acq: 3 Mar 2022 12:11

Tgt Ion: 146
 Ion Ratio: 100
 146 100
 111 51.
 148 65.

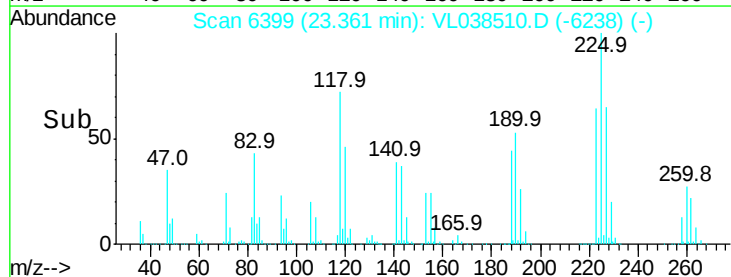
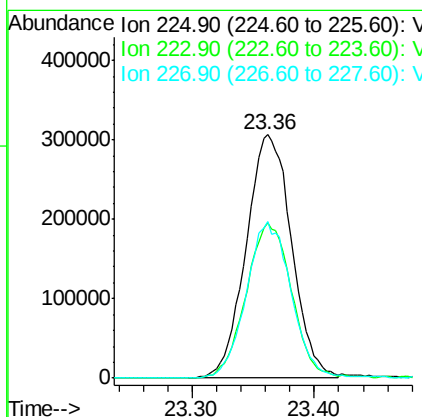
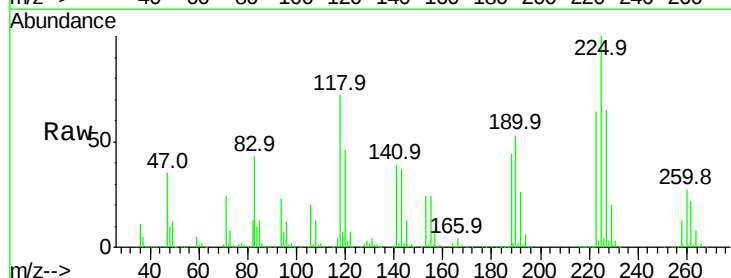
Manual Integrations
 APPROVED

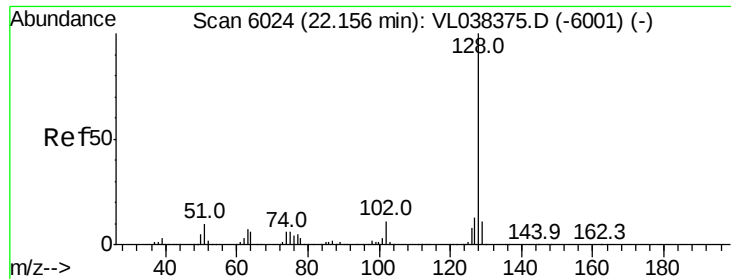
Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/05/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.86 ppbv
 RT: 23.36 min Scan# 6399
 Delta R.T.: 0.02 min
 Lab File: VL038510.D
 Acq: 3 Mar 2022 12:11

Tgt Ion: 225 Resp: 788785
 Ion Ratio Lower Upper
 225 100
 223 64.3 52.0 78.0
 227 64.0 51.6 77.4



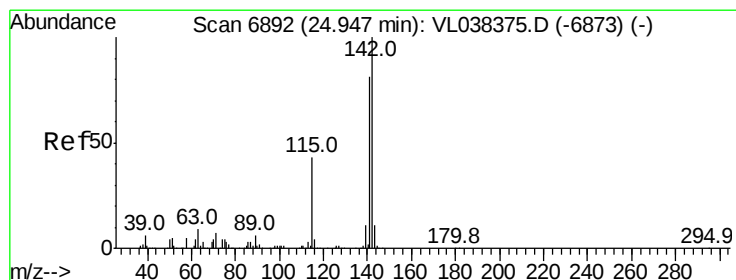
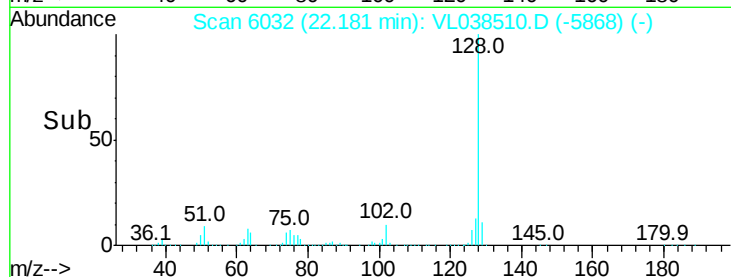
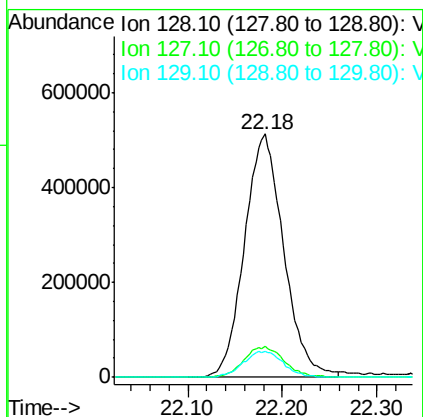
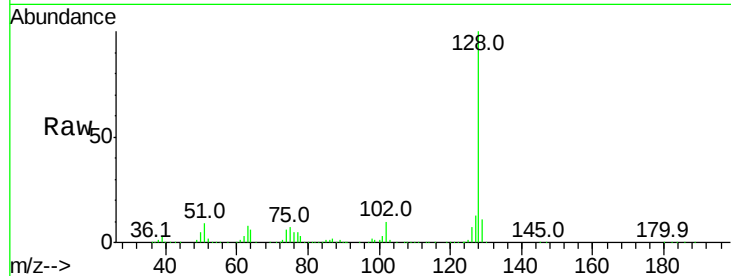


#79
Naphthalene
Concen: 12.56 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0303ABS01
Acq: 3 Mar 2022 12:11

Tgt Ion: 128
Ion Ratio: 100
127 12.0
129 10.0

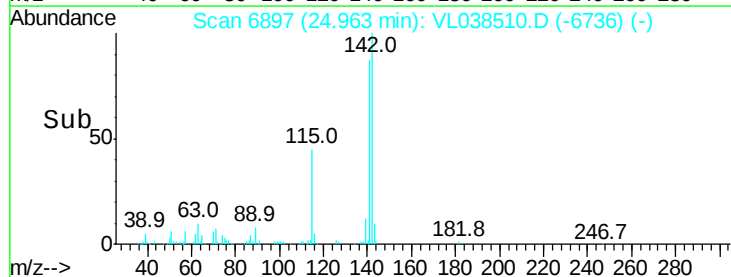
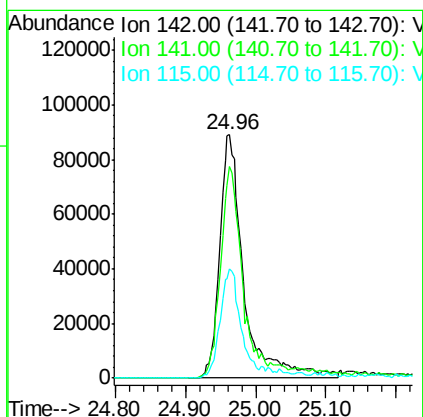
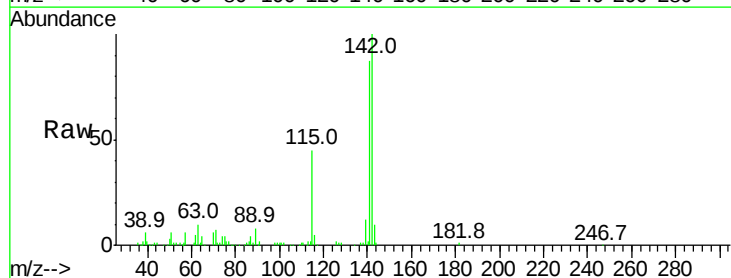
Manual Integrations
APPROVED

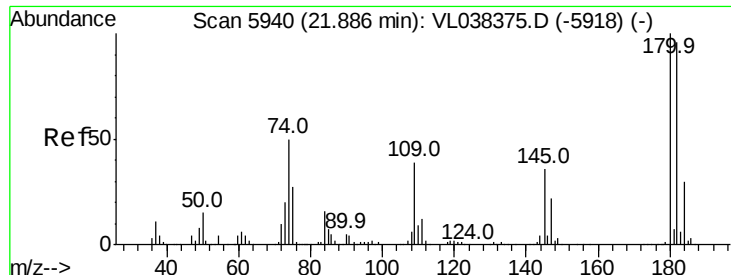
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/05/2022



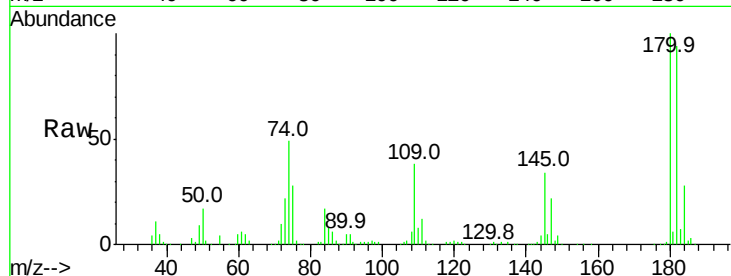
#80
Naphthalene, 2-methyl-
Concen: 9.30 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: 0.02 min
Lab File: VL038510.D
Acq: 3 Mar 2022 12:11

Tgt Ion: 142 Resp: 213233
Ion Ratio Lower Upper
142 100
141 85.2 69.8 104.6
115 44.1 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.12 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0303ABS01
 Acq: 3 Mar 2022 12.11



Tgt Ion:1
 Ion Rati
 180 100
 182 97.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/05/2022

