

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038405.D
 Acq On : 23 Feb 2022 11:16
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Feb 24 09:25:49 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 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	979857	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2433671	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2143863m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1793179	10.11	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1453709	9.37	ppbv	98
3) Chlorodifluoromethane	3.00	51	1611510	9.31	ppbv	99
4) Chloromethane	3.15	50	563152	9.37	ppbv	99
5) Vinyl Chloride	3.27	62	580264	9.23	ppbv	99
6) Bromomethane	3.48	94	317269	9.57	ppbv	99
7) Chloroethane	3.57	64	195523	9.69	ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	1387067	9.61	ppbv	99
9) Propene	3.02	41	539503	9.44	ppbv	98
10) Heptane	8.12	43	1354146	9.74	ppbv	100
11) Trichlorofluoromethane	3.96	101	1376035	9.26	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	955827	8.77	ppbv	97
13) Ethanol	3.62	45	48413m	8.49	ppbv	
14) Bromoethene	3.75	108	432789	9.97	ppbv	97
15) Acetone	3.86	43	685655	8.23	ppbv	100
16) 1,3-Butadiene	3.34	39	540325	9.71	ppbv	96
17) tert-Butyl alcohol	4.29	59	851152	10.24	ppbv	99
18) 1,1-Dichloroethene	4.29	96	424949	8.89	ppbv	96
19) Isopropyl Alcohol	3.97	45	446850	9.26	ppbv #	98
20) Methylene Chloride	4.35	84	343578	8.32	ppbv	98
21) Allyl Chloride	4.42	41	658792	9.36	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	448494	9.29	ppbv	94
23) Vinyl Acetate	5.08	43	1047659	9.49	ppbv	99
24) 1,1-Dichloroethane	5.02	63	889325	8.96	ppbv	100
25) Ethyl Acetate	5.68	43	2101318	9.39	ppbv	100
26) Hexane	5.69	57	990938	9.77	ppbv	95
27) Carbon Disulfide	4.56	76	1084336	9.62	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	966945	9.36	ppbv	98
29) Chloroform	5.76	83	1591451	9.62	ppbv	97
30) Cyclohexane	7.13	84	805985	9.72	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	990351	10.08	ppbv	99
32) 1,1,1-Trichloroethane	6.52	97	1615163	9.71	ppbv	99
34) 2-Butanone	5.25	43	913697	11.94	ppbv	100
35) Carbon Tetrachloride	7.02	117	1657901	9.69	ppbv	99
36) Benzene	6.89	78	2061058	9.62	ppbv	97
37) 1,2-Dichloroethane	6.31	62	1179016	9.52	ppbv	100
38) Trichloroethene	7.84	130	729183	9.34	ppbv	97
39) 1,2-Dichloropropane	7.62	63	810080	9.49	ppbv	98
40) 1,4-Dioxane	7.84	88	195237	9.65	ppbv	93
41) Tetrahydrofuran	6.06	42	504767	9.76	ppbv	97
42) Bromodichloromethane	7.80	83	1716699	9.60	ppbv	97
43) Methyl Methacrylate	8.01	69	766084	10.29	ppbv	97

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

Quant Time: Feb 24 09:25:49 2022

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

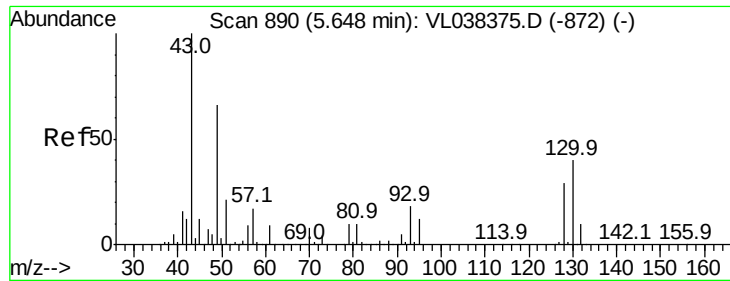
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:

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	7.87	57	3458190	9.39	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	624935	10.50	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	796368	10.21	ppbv	99
47) 1,1,2-Trichloroethane	9.48	97	805782	9.49	ppbv	95
48) Dibromochloromethane	10.30	129	1328439	9.57	ppbv	99
49) Bromoform	13.04	173	894534	8.73	ppbv	99
50) 4-Methyl-2-Pentanone	8.74	43	1369586	10.12	ppbv	98
51) 2-Hexanone	10.14	43	602029	9.94	ppbv #	97
52) Tetrachloroethene	11.23	164	633626	8.91	ppbv	96
53) Toluene	9.81	91	2251940	9.68	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1143924	9.57	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	850271	9.52	ppbv	95
57) Chlorobenzene	12.15	112	1506935	9.11	ppbv	99
58) Ethyl Benzene	12.71	91	2862202	9.76	ppbv	98
59) m/p-Xylene	13.00	91	4689532m	18.63	ppbv	
60) o-Xylene	13.69	91	2165258	9.10	ppbv	99
61) Styrene	13.53	104	1101381	10.03	ppbv	99
62) Isopropylbenzene	14.67	105	2866194	8.97	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1461861	7.56	ppbv	100
64) n-propylbenzene	15.56	120	708163	8.95	ppbv	96
65) tert-Butylbenzene	16.74	119	2343248	8.47	ppbv	100
66) Benzyl Chloride	16.99	91	120823m	8.08	ppbv	
67) sec-Butylbenzene	17.29	105	3263863	8.33	ppbv	99
69) p-Isopropyltoluene	17.65	119	2596806	8.43	ppbv	99
70) n-Butylbenzene	18.55	91	1943476	6.10	ppbv	98
71) 2-Chlorotoluene	15.45	91	2104258	8.57	ppbv	100
72) 4-Ethyltoluene	15.84	105	2350881	8.96	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	2064496	8.67	ppbv	97
74) 1,2,4-Trimethylbenzene	16.76	105	2130234	8.47	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1130635	8.03	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1088234	7.84	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1071050	7.90	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	855387	8.27	ppbv	99
79) Naphthalene	22.19	128	1619020	11.88	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	256417	9.63	ppbv	93
81) 1,2,4-Trichlorobenzene	21.92	180	863784	10.49	ppbv	99

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



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:10 VSTDCCC010

Tgt Ion:

Ion Ratio

49 100

128 49.

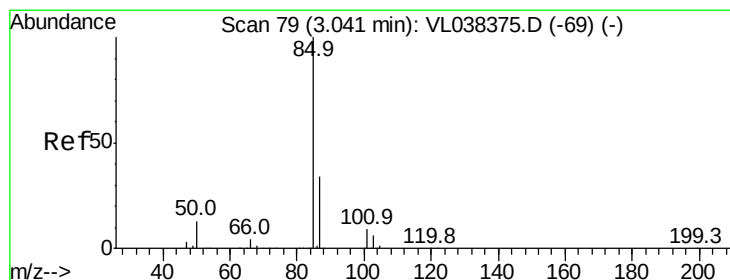
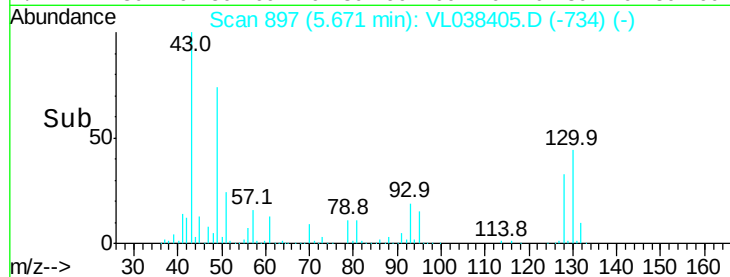
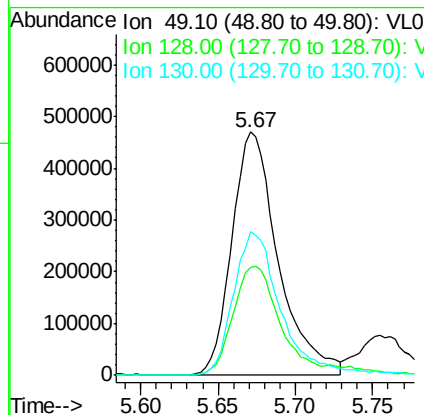
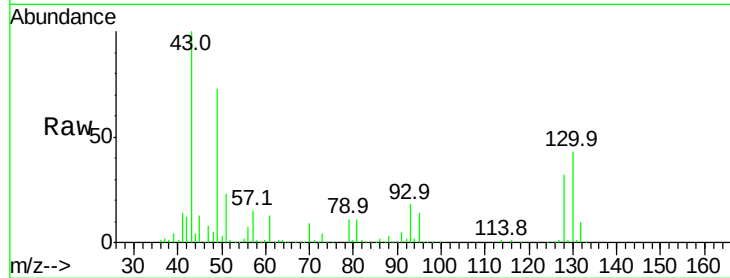
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#2

Dichlorodifluoromethane

Concen: 9.37 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.02 min

Lab File: VL038405.D

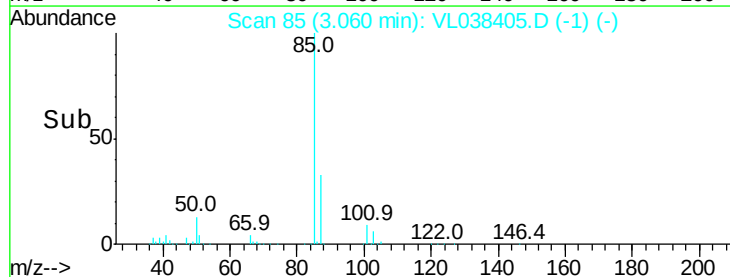
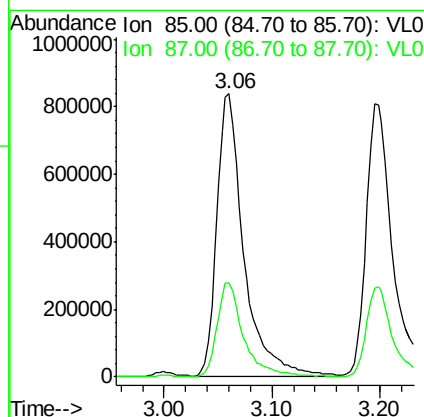
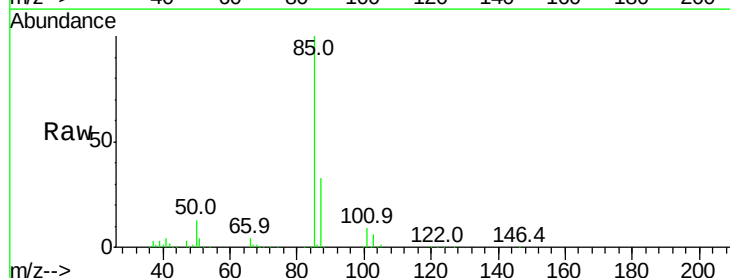
Acq: 23 Feb 2022 11:16

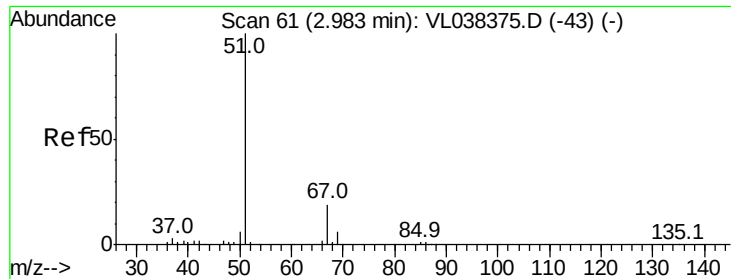
Tgt Ion: 85 Resp: 1453709

Ion Ratio Lower Upper

85 100

87 32.9 27.4 41.0



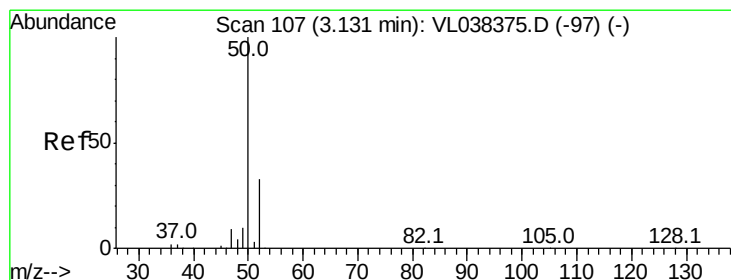
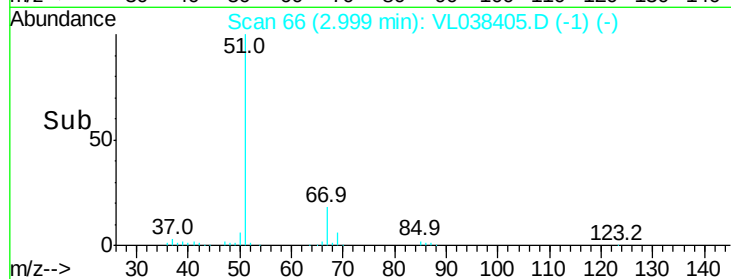
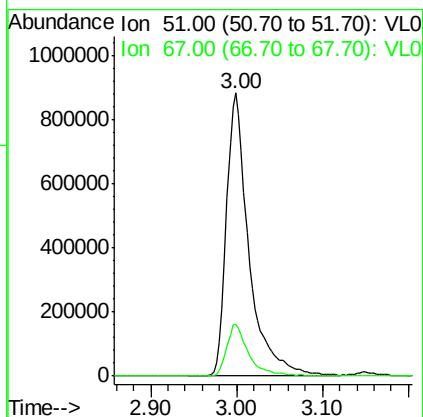
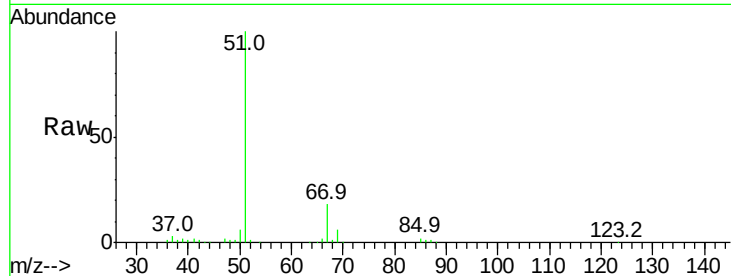


#3
Chlorodifluoromethane
Concen: 9.31 ppbv
RT: 3.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Feb 2022 11:16

Tgt Ion:
Ion Ratio
51 100
67 18.

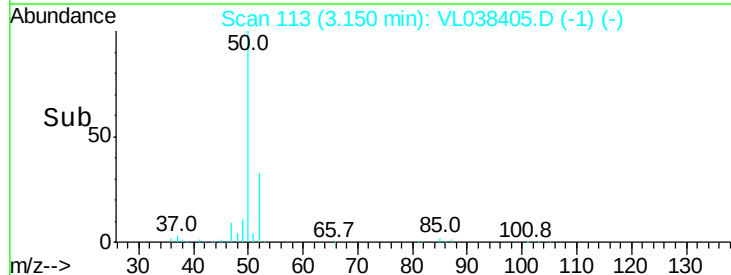
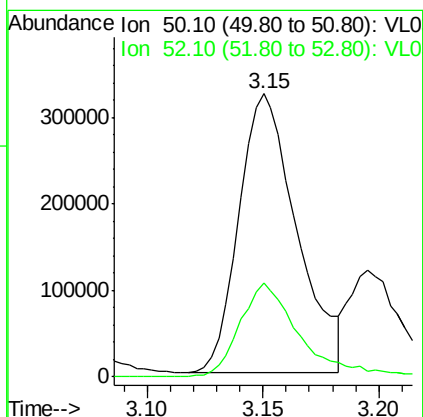
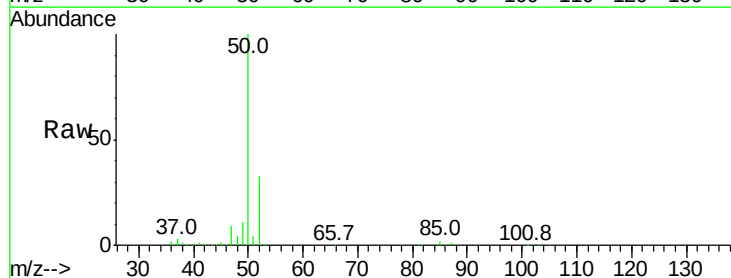
Manual Integrations
APPROVED

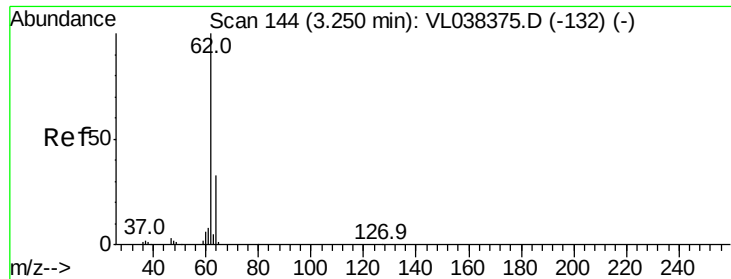
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#4
Chloromethane
Concen: 9.37 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 50 Resp: 563152
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7





#5

Vinyl Chloride

Concen: 9.23 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

62 100

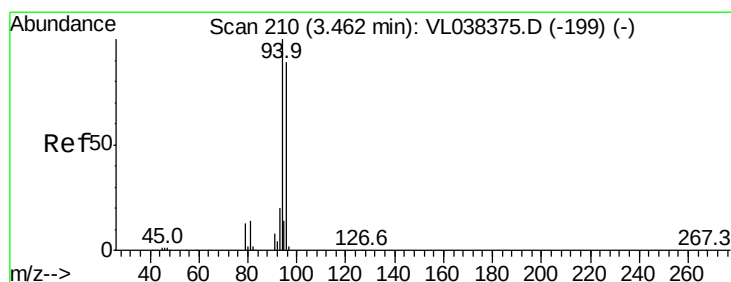
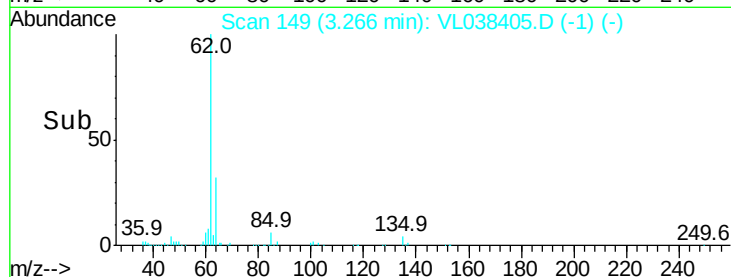
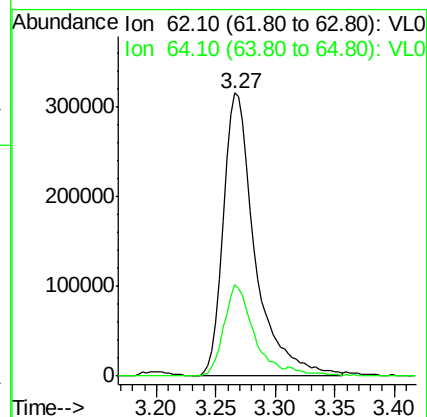
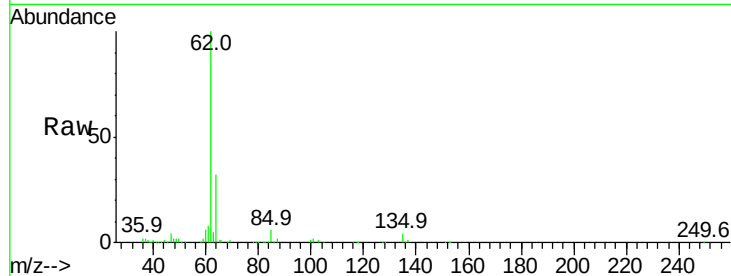
64 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#6

Bromomethane

Concen: 9.57 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.02 min

Lab File: VL038405.D

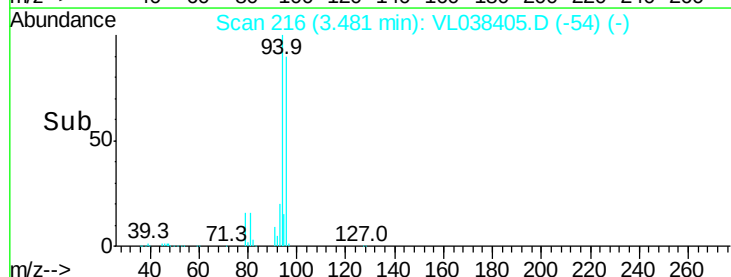
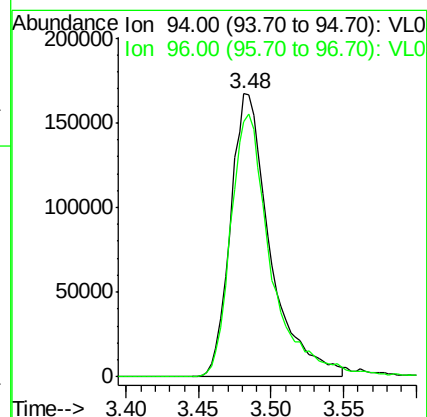
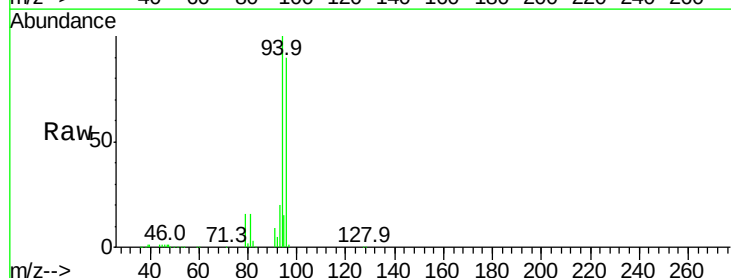
Acq: 23 Feb 2022 11:16

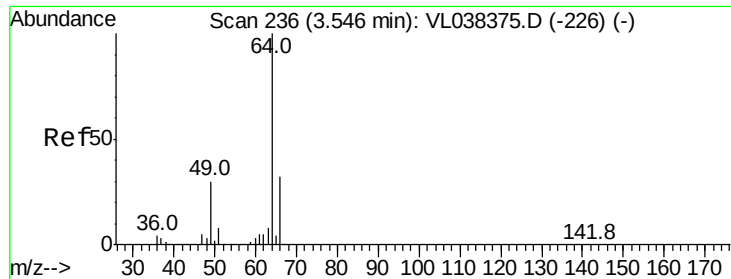
Tgt Ion: 94 Resp: 317269

Ion Ratio Lower Upper

94 100

96 90.0 71.0 106.6





#7

Chloroethane

Concen: 9.69 ppbv

RT: 3.57 Instrument: MSVOA_L

Delta R.T. 0.02 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

64 100

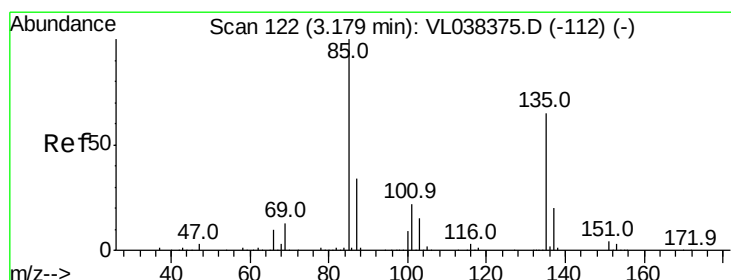
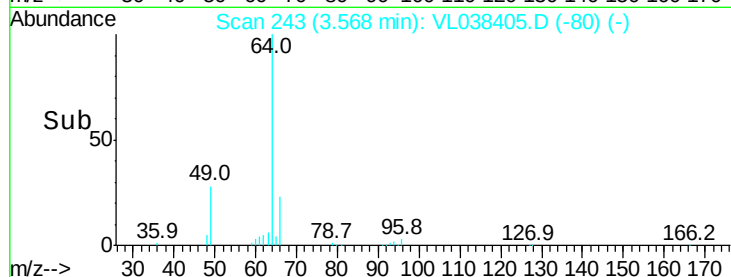
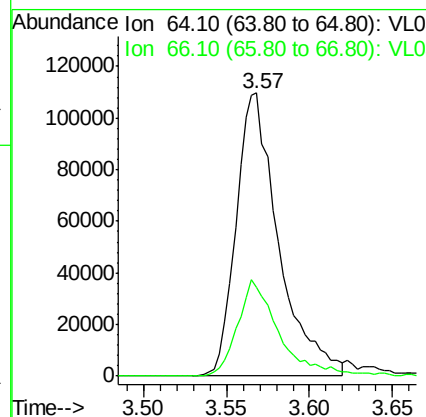
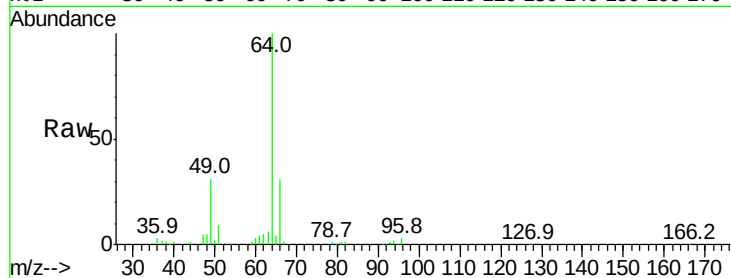
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#8

Dichlorotetrafluoroethane

Concen: 9.61 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.02 min

Lab File: VL038405.D

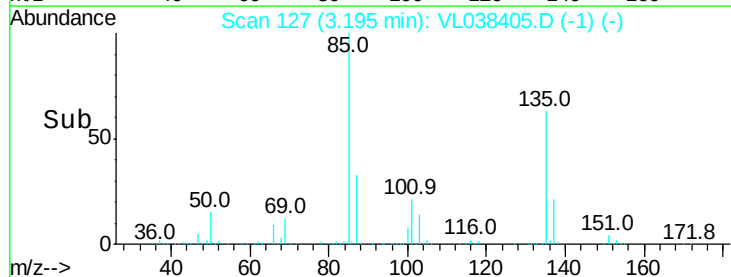
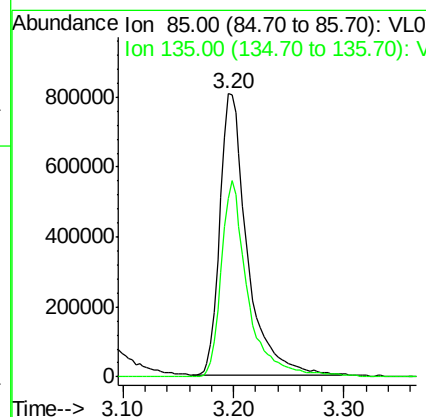
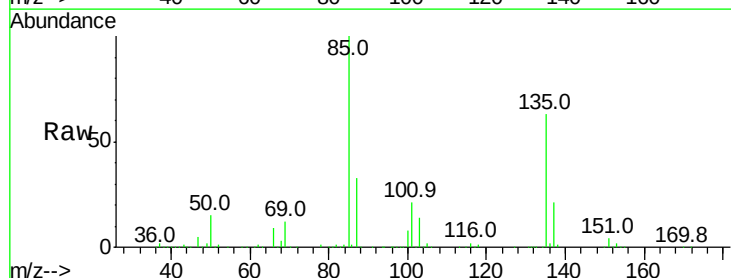
Acq: 23 Feb 2022 11:16

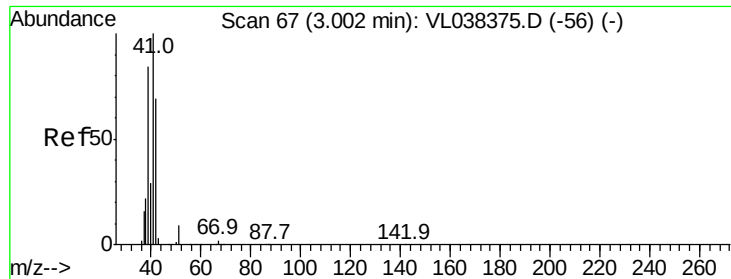
Tgt Ion: 85 Resp: 1387067

Ion Ratio Lower Upper

85 100

135 68.1 54.1 81.1





#9

Propene

Concen: 9.44 ppbv

RT: 3.02 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId: VSTDCCC010

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

41 100

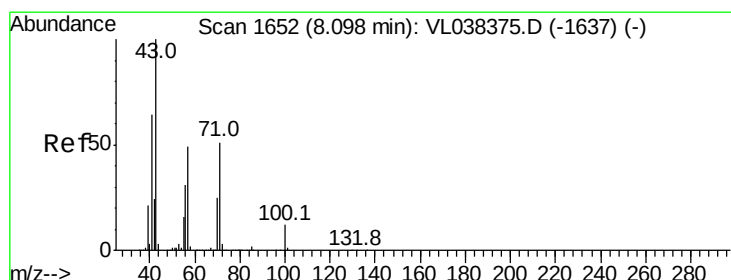
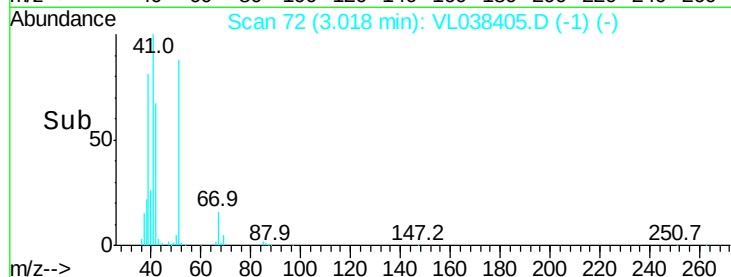
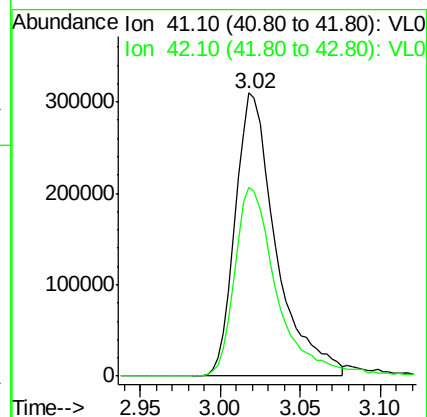
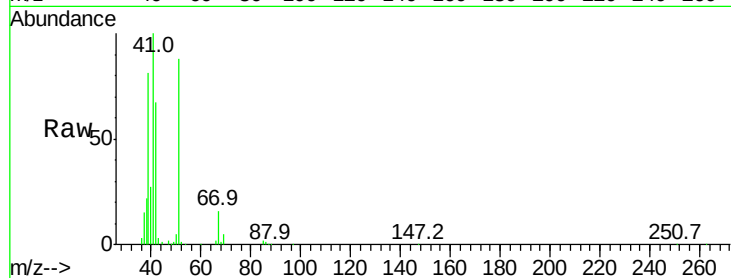
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#10

Heptane

Concen: 9.74 ppbv

RT: 8.12 min Scan# 1660

Delta R.T. 0.03 min

Lab File: VL038405.D

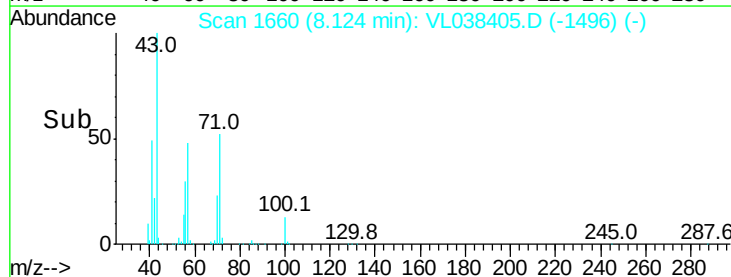
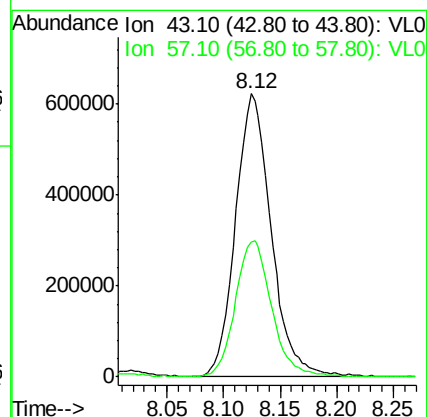
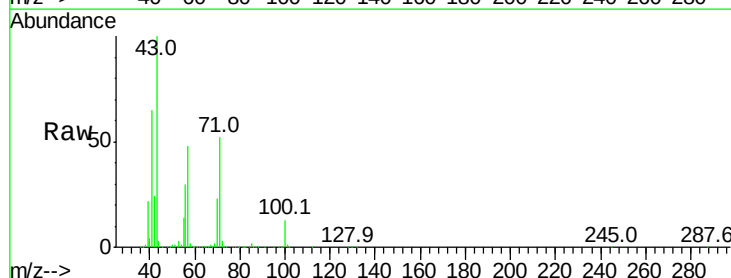
Acq: 23 Feb 2022 11:16

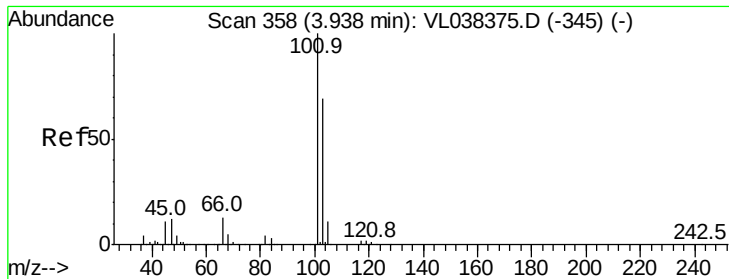
Tgt Ion: 43 Resp: 1354146

Ion Ratio Lower Upper

43 100

57 49.5 39.8 59.8



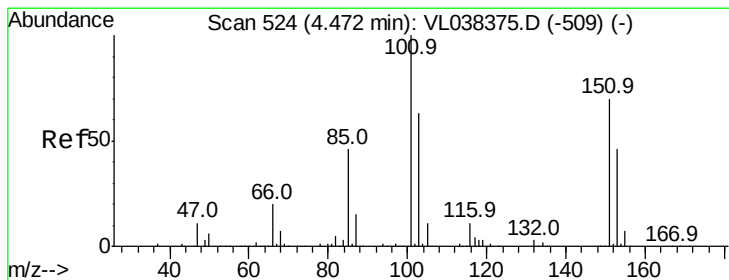
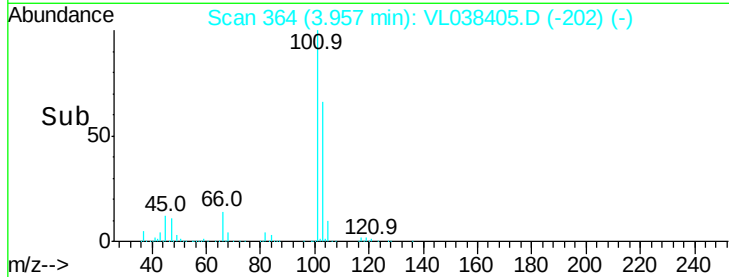
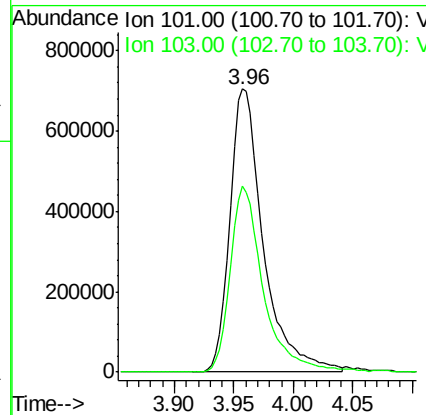
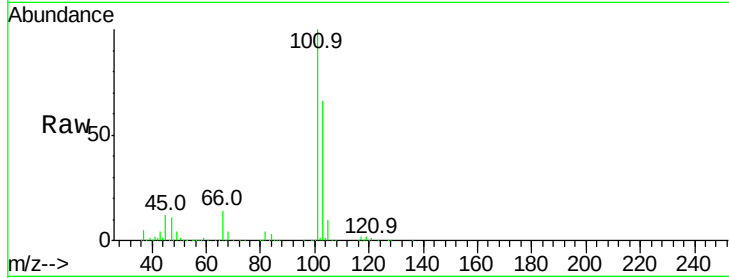


#11
 Trichlorofluoromethane
 Concen: 9.26 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion:1
 Ion Rati
 101 100
 103 65.

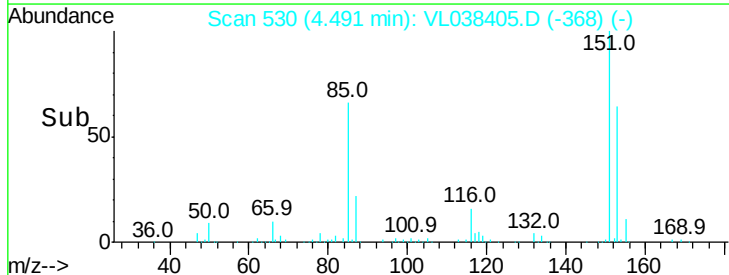
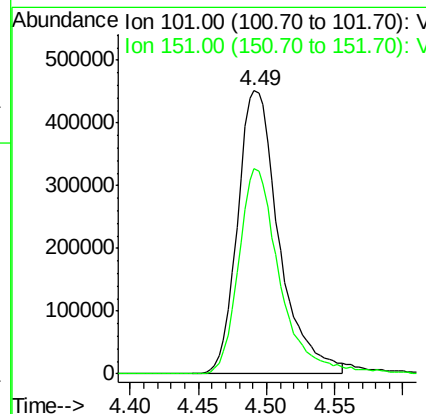
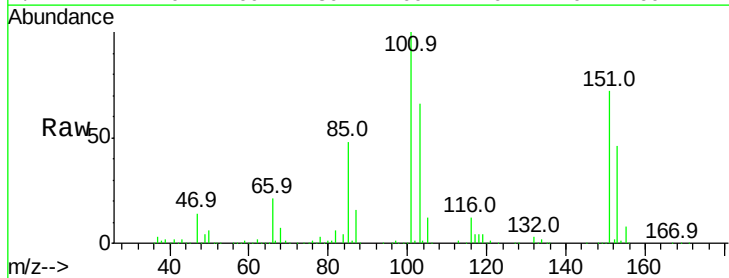
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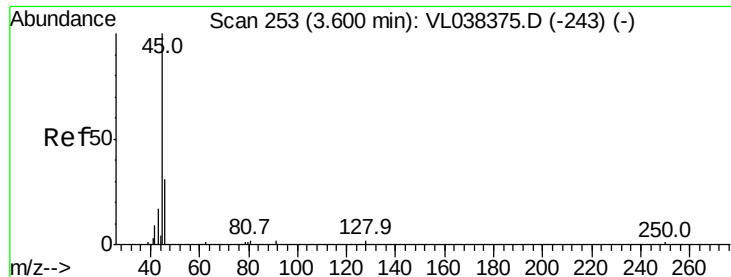
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.77 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion:101 Resp: 955827
 Ion Ratio Lower Upper
 101 100
 151 72.6 55.9 83.9





#13

Ethanol

Concen: 8.49 ppbv m

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:10 VSTDCCC010

Tgt Ion:

Ion Ratio

45 100

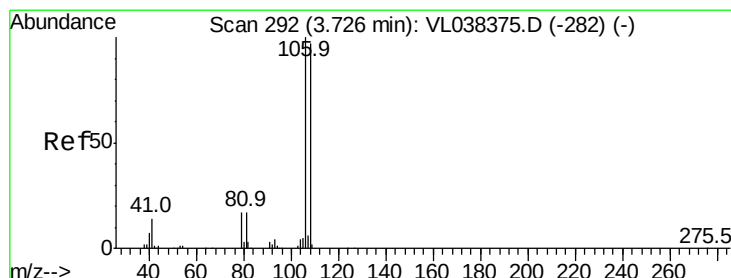
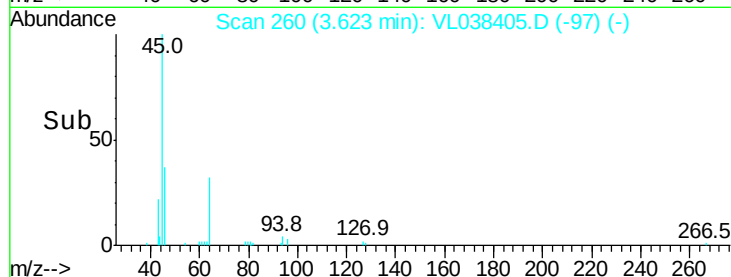
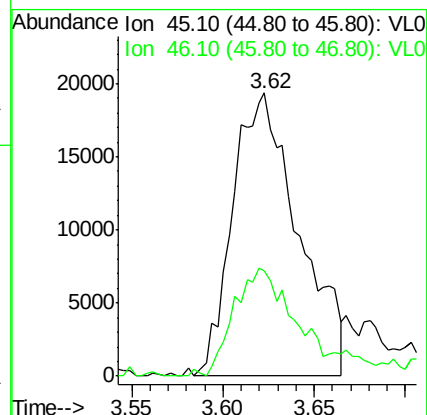
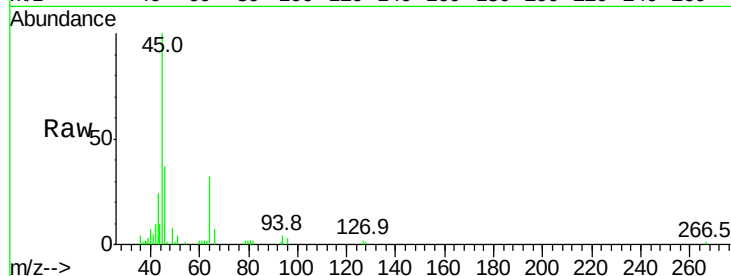
46 40.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#14

Bromoethene

Concen: 9.97 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.02 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

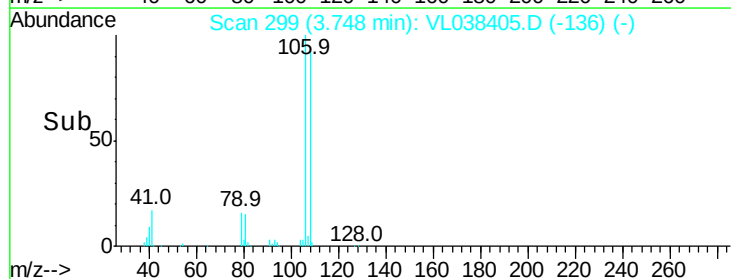
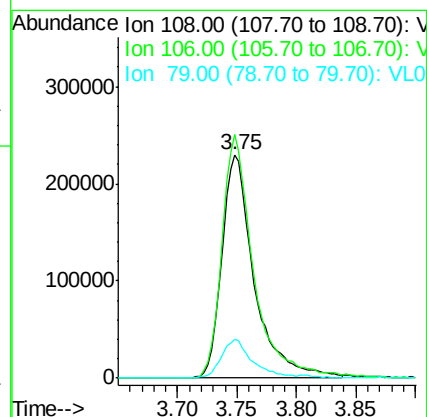
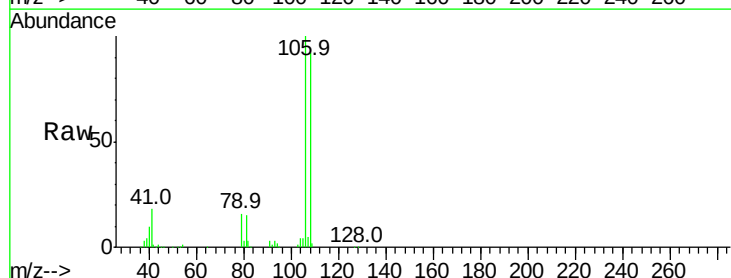
Tgt Ion:108 Resp: 432789

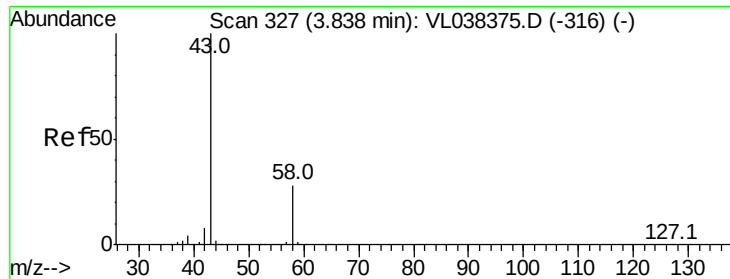
Ion Ratio Lower Upper

108 100

106 107.8 88.4 132.6

79 17.8 15.0 22.6





#15

Acetone

Concen: 8.23 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

43 100

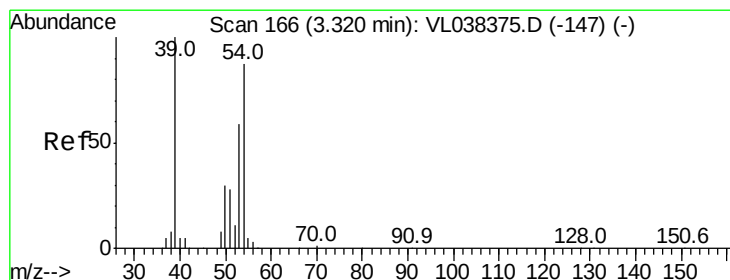
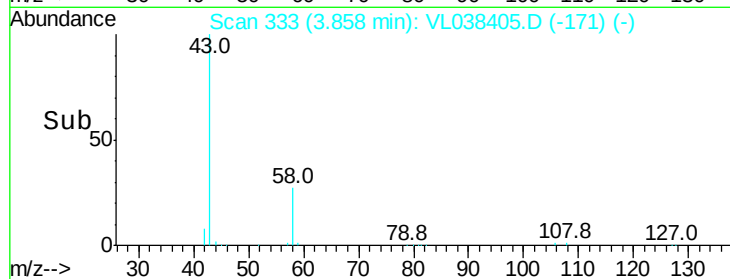
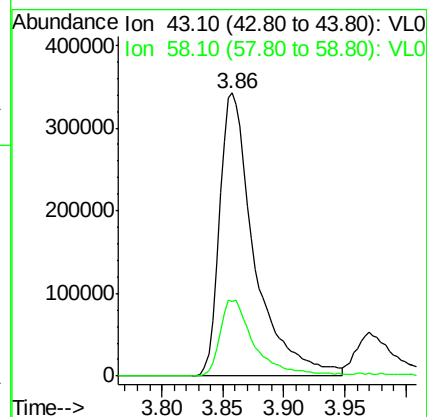
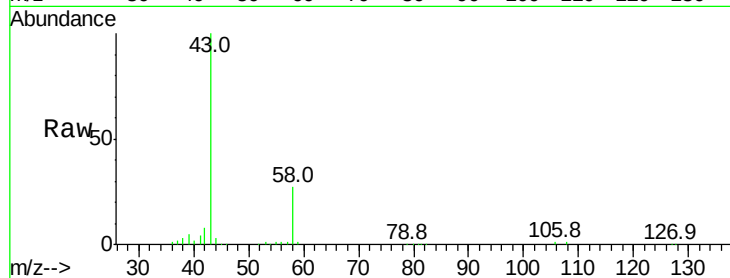
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#16

1,3-Butadiene

Concen: 9.71 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL038405.D

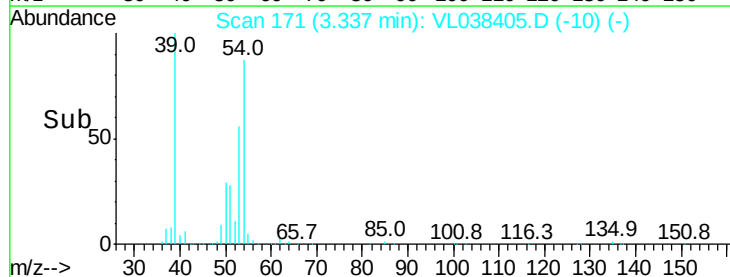
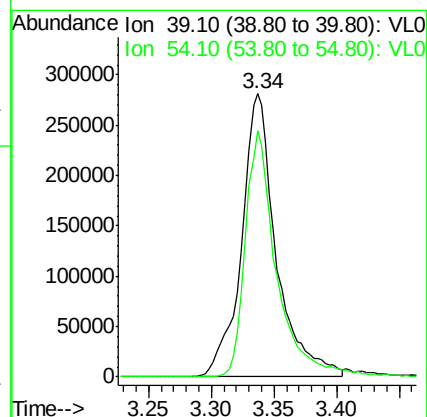
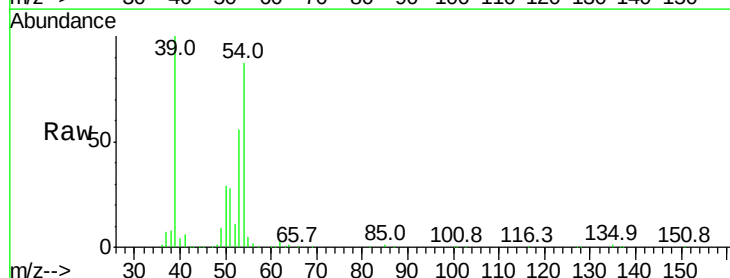
Acq: 23 Feb 2022 11:16

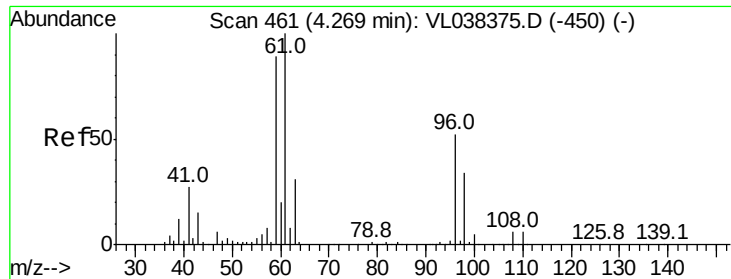
Tgt Ion: 39 Resp: 540325

Ion Ratio Lower Upper

39 100

54 78.8 60.3 90.5



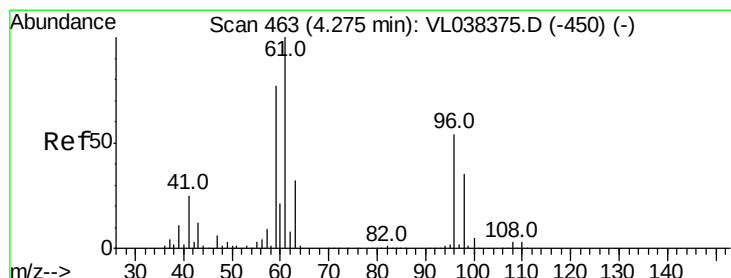
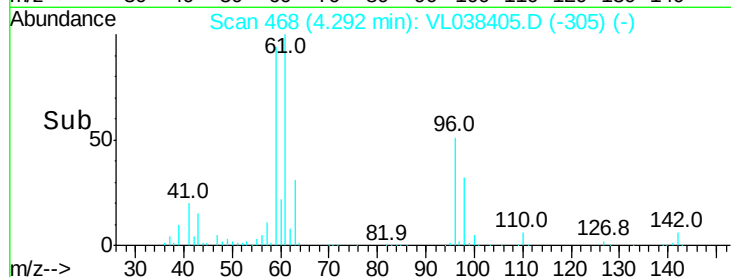
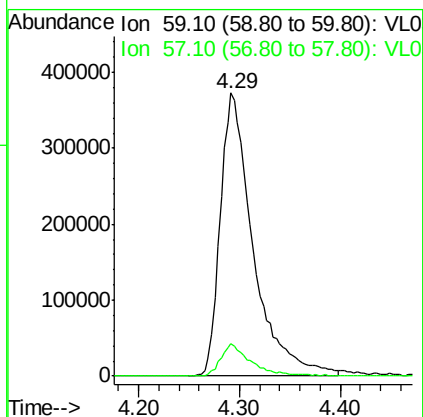
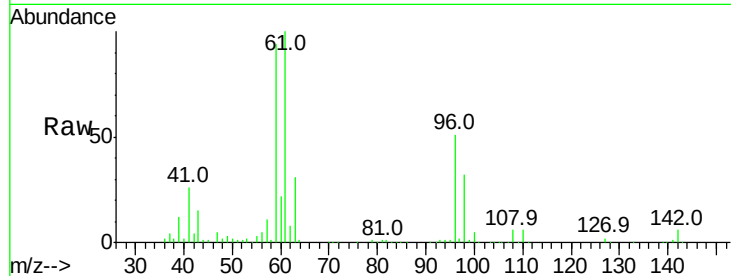


#17
 tert-Butyl alcohol
 Concen: 10.24 ppbv
 RT: 4.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:10

Tgt Ion:
 Ion Ratio
 59 100
 57 10.

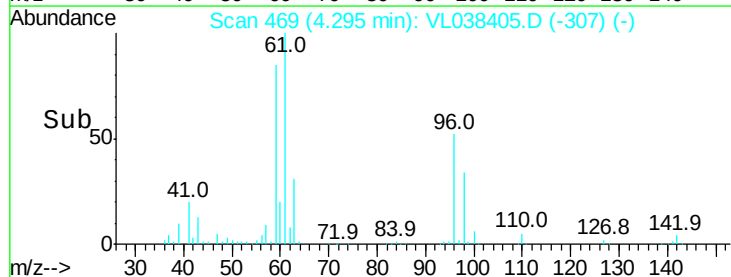
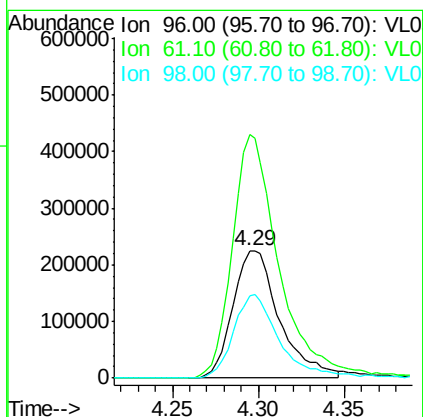
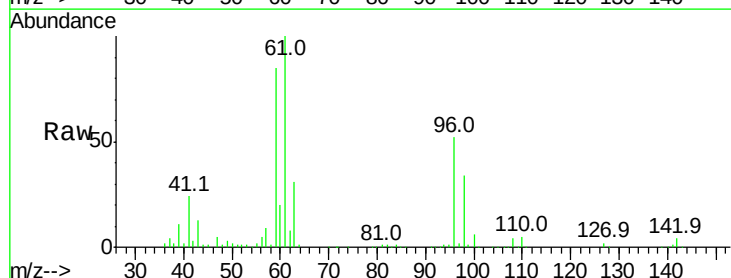
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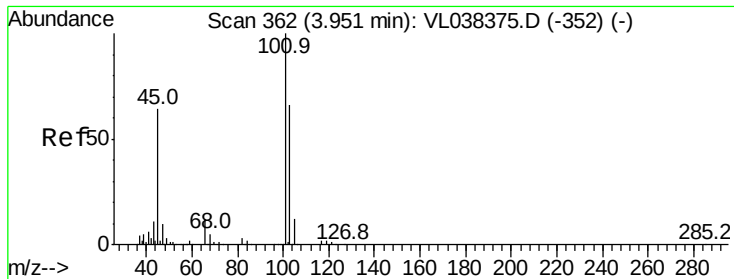
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#18
 1,1-Dichloroethene
 Concen: 8.89 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.02 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 96 Resp: 424949
 Ion Ratio Lower Upper
 96 100
 61 191.1 146.8 220.2
 98 64.9 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.26 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

45 100

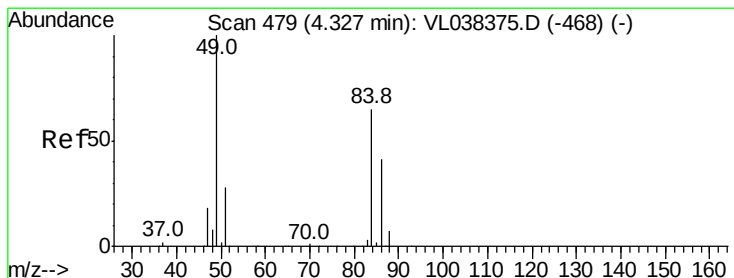
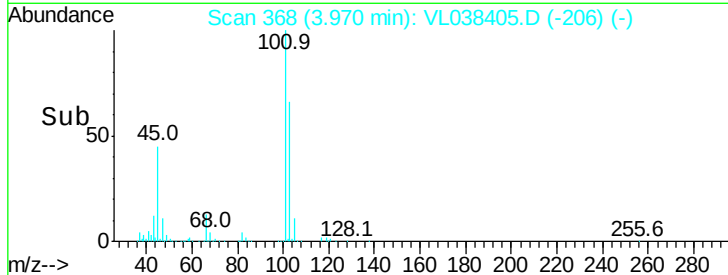
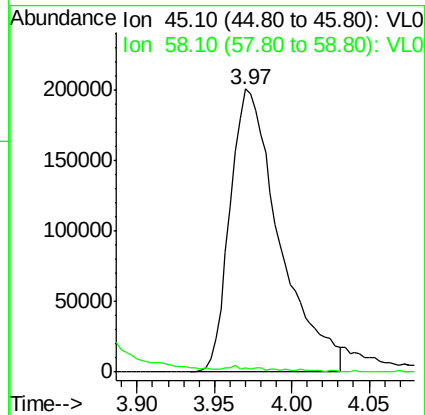
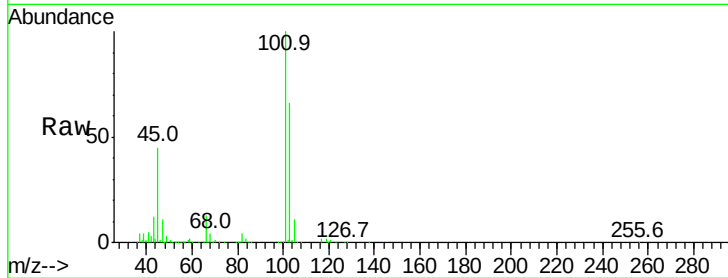
58 1.

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#20

Methylene Chloride

Concen: 8.32 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion: 84 Resp: 343578

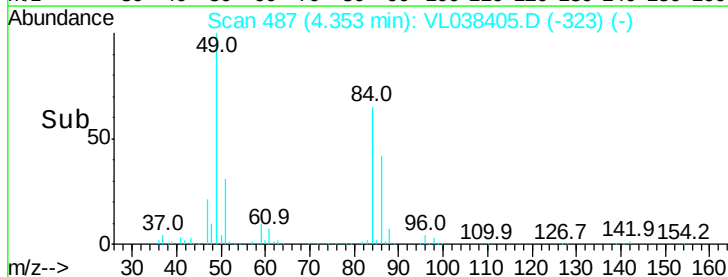
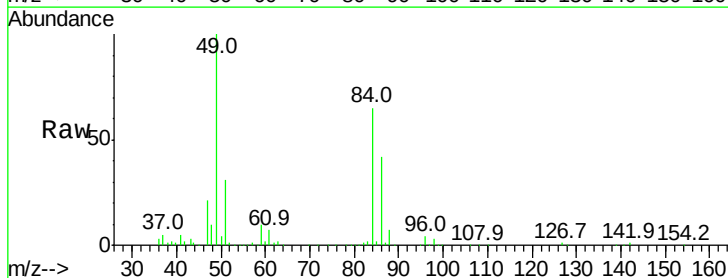
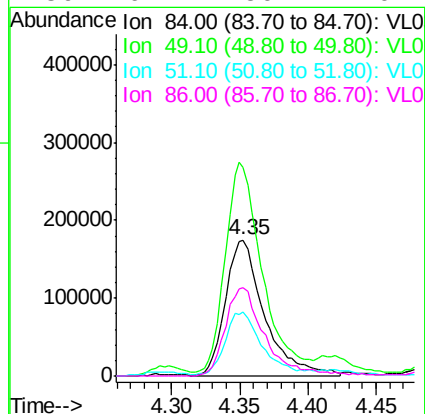
Ion Ratio Lower Upper

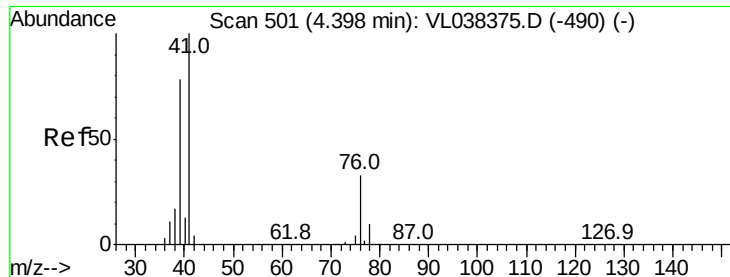
84 100

49 151.6 122.4 183.6

51 45.3 33.3 49.9

86 64.7 50.7 76.1



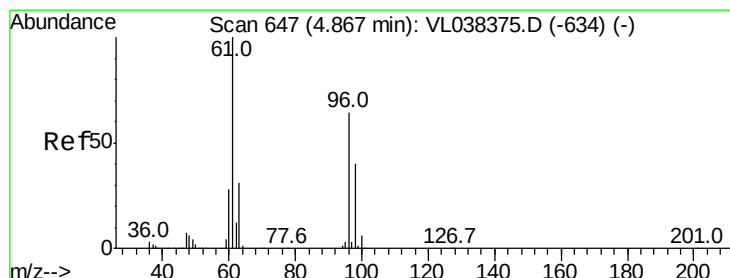
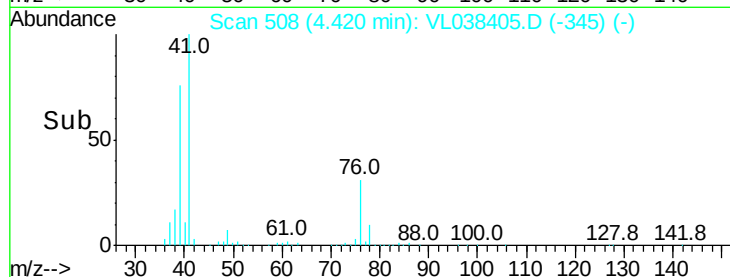
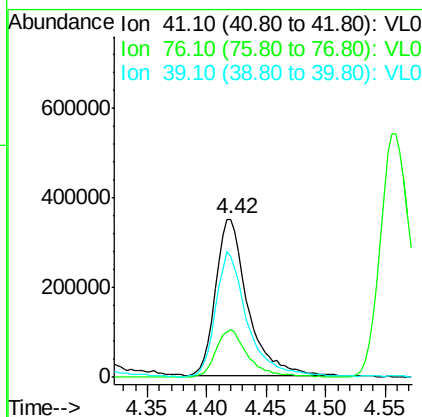
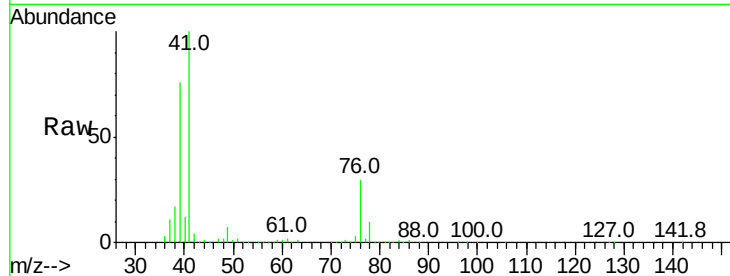


#21
 Allyl Chloride
 Concen: 9.36 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDC010
 Acq: 23 Feb 2022 11:16

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

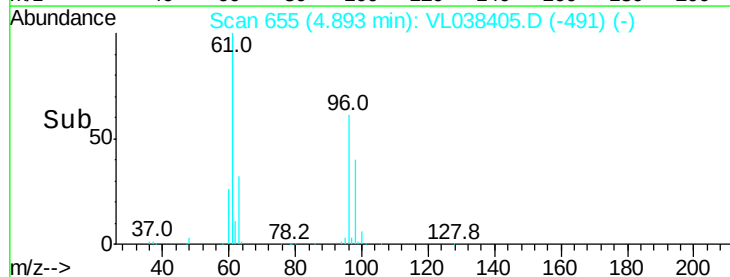
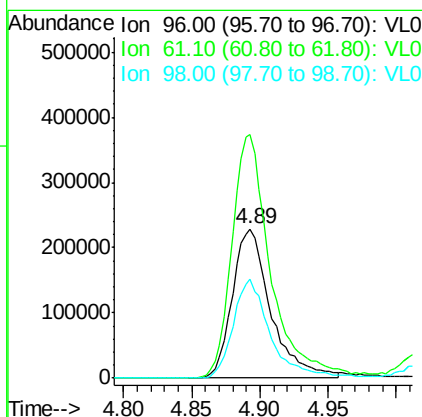
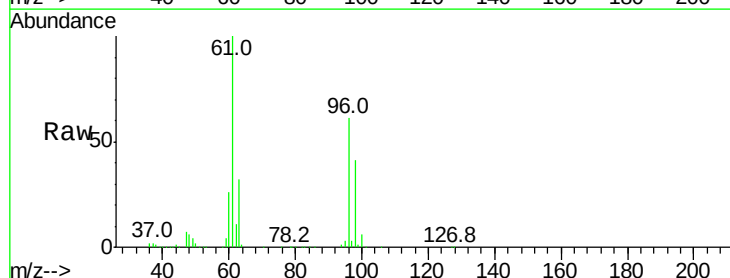
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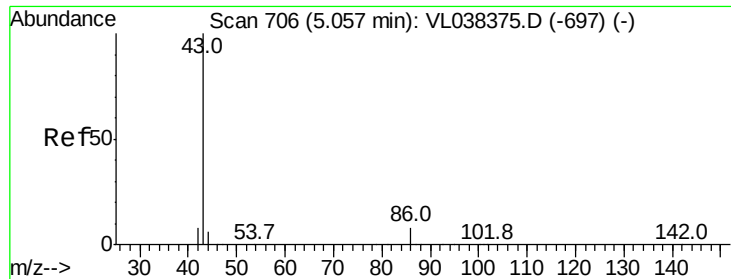
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.29 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 96 Resp: 448494
 Ion Ratio Lower Upper
 96 100
 61 163.2 124.2 186.4
 98 66.6 49.1 73.7





#23

Vinyl Acetate

Concen: 9.49 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:10 VSTDCCC010

Tgt Ion:

Ion Ratio

43 100

86 6.

42 9.

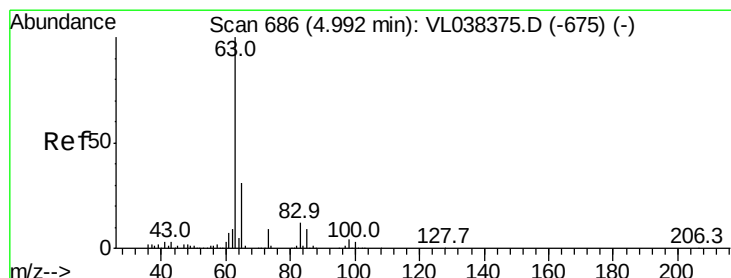
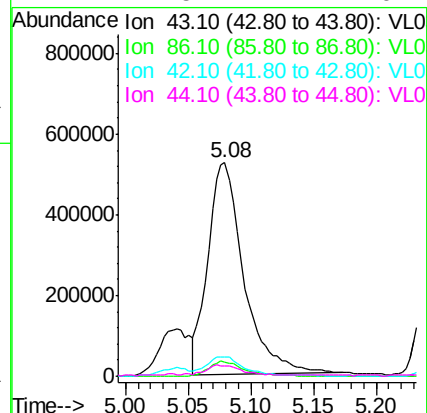
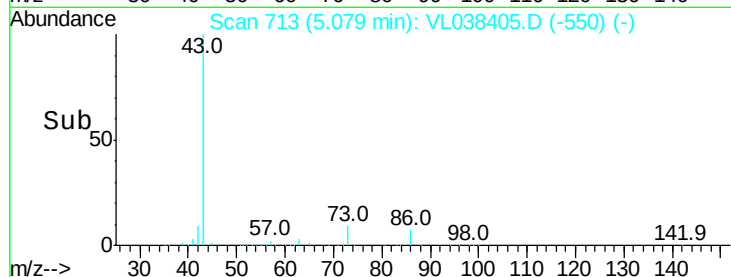
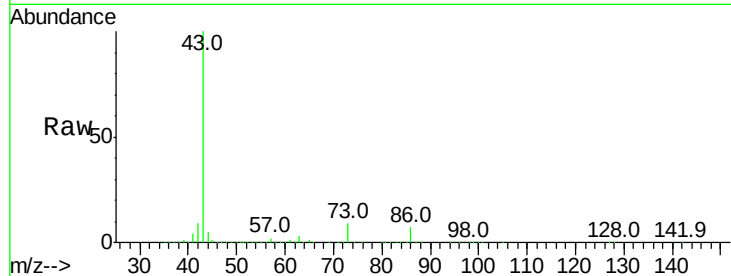
44 4.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#24

1,1-Dichloroethane

Concen: 8.96 ppbv

RT: 5.02 min Scan# 694

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion: 63 Resp: 889325

Ion Ratio Lower Upper

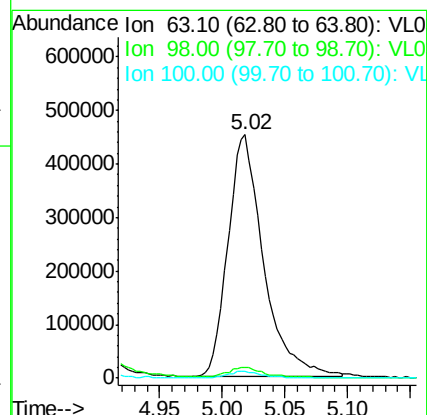
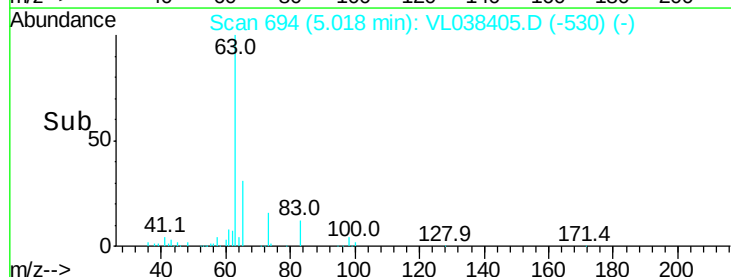
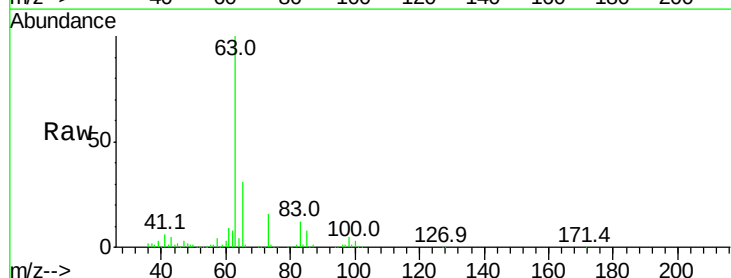
63 100

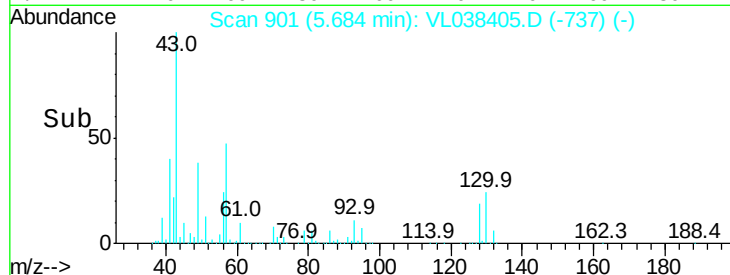
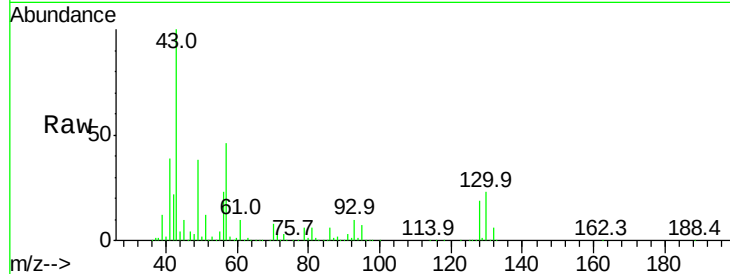
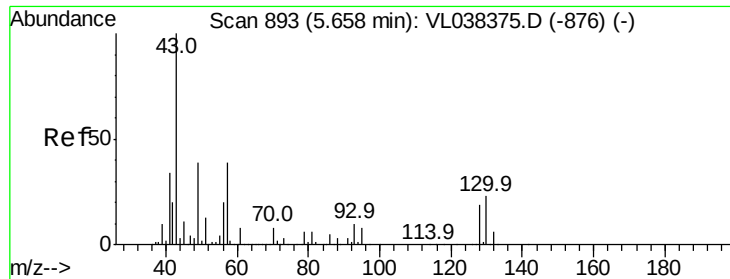
98 4.4

100 2.8

2.1 6.5

1.4 4.2



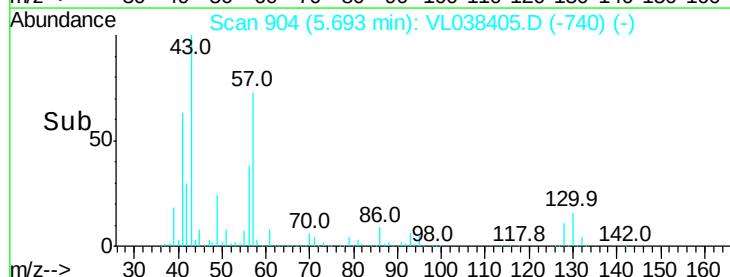
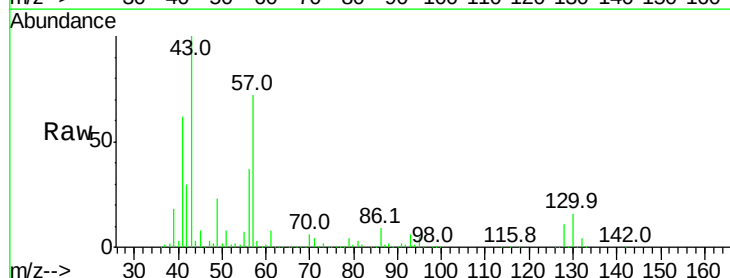
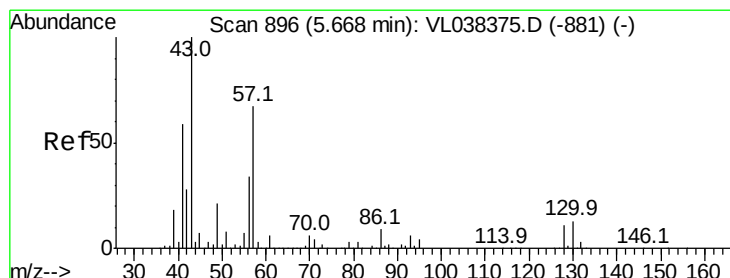
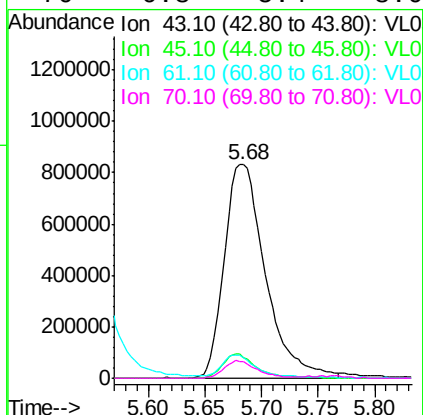


#25
Ethyl Acetate
Concen: 9.39 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Feb 2022 11:16

Tgt Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.8 5.4 8.0

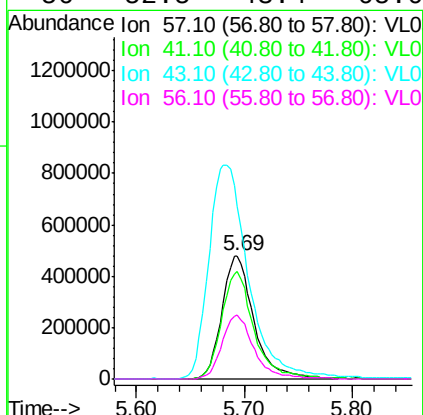
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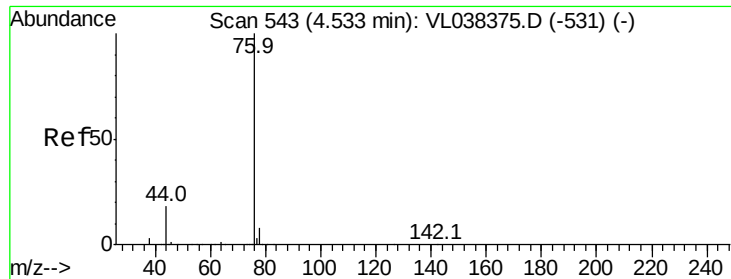
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#26
Hexane
Concen: 9.77 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 57 Resp: 990938
Ion Ratio Lower Upper
57 100
41 89.2 73.1 109.7
43 216.4 181.0 271.4
56 52.5 43.4 65.0





#27

Carbon Disulfide

Concen: 9.62 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:16 VSTDCCC010

Tgt Ion:

Ion Ratio

76 100

44 18.

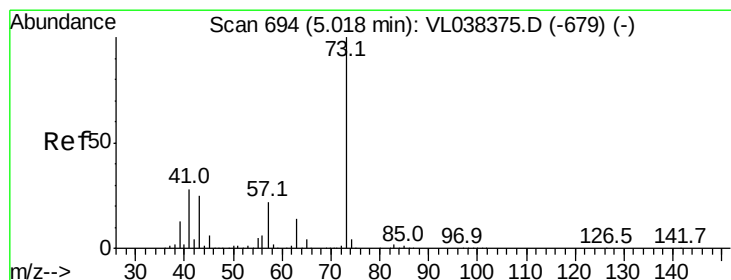
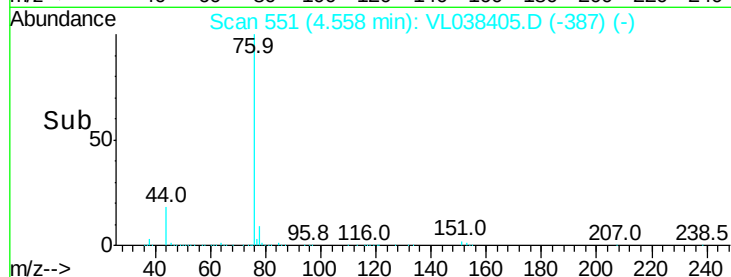
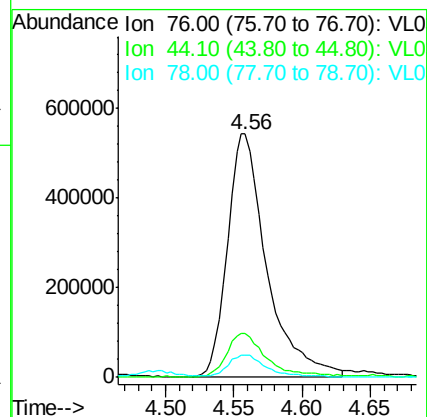
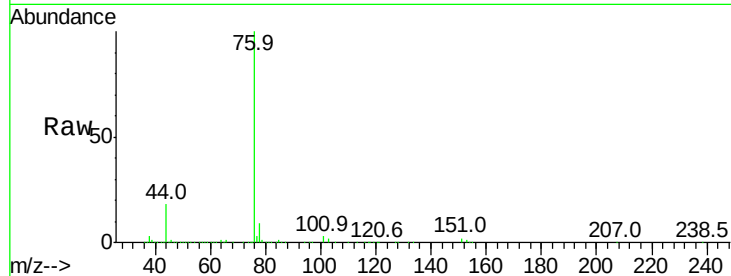
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#28

Methyl tert-Butyl Ether

Concen: 9.36 ppbv

RT: 5.04 min Scan# 700

Delta R.T. 0.02 min

Lab File: VL038405.D

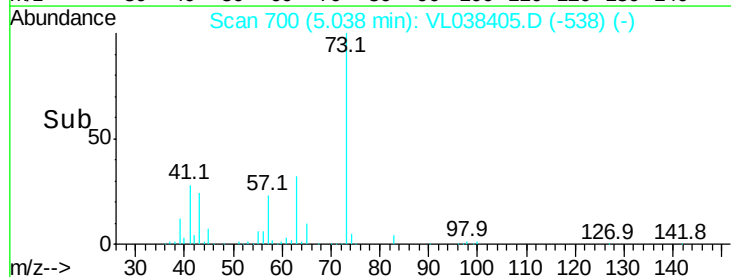
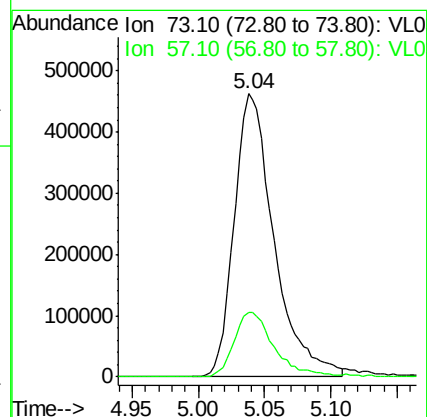
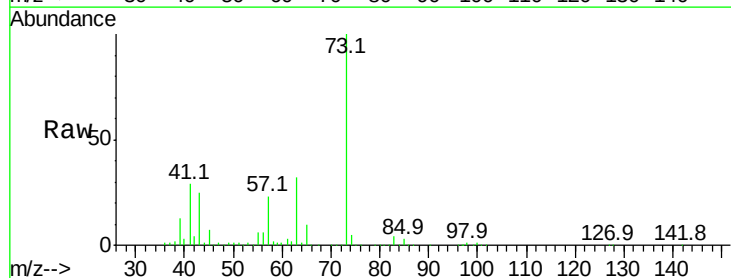
Acq: 23 Feb 2022 11:16

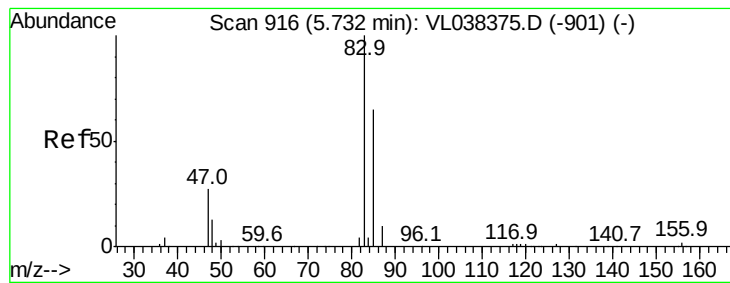
Tgt Ion: 73 Resp: 966945

Ion Ratio Lower Upper

73 100

57 23.7 18.2 27.4





#29

Chloroform

Concen: 9.62 ppbv

RT: 5.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Feb 2022 11:10 VSTDCCC010

Tgt Ion:

Ion Ratio

83 100

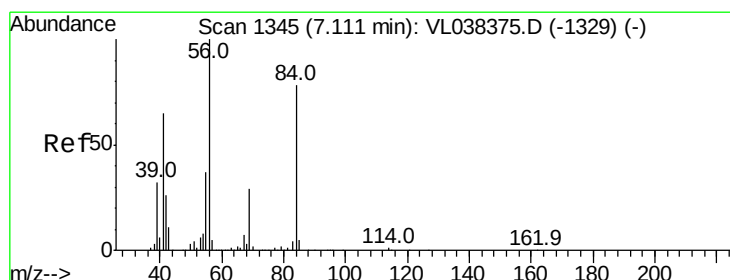
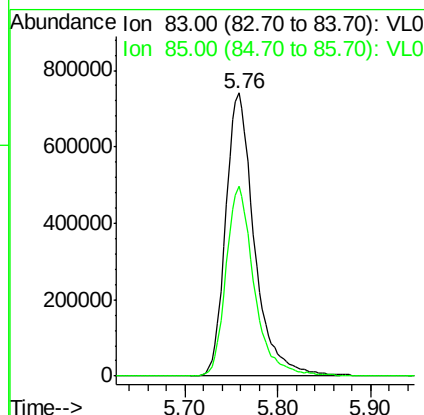
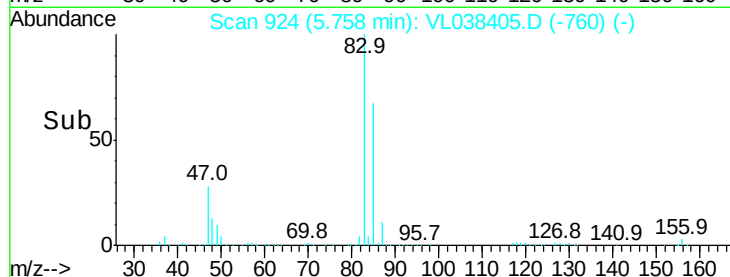
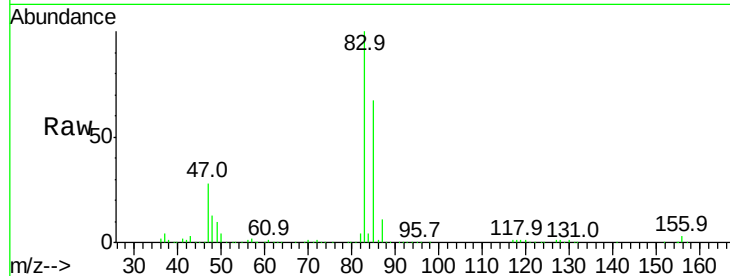
85 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#30

Cyclohexane

Concen: 9.72 ppbv

RT: 7.13 min Scan# 1352

Delta R.T. 0.02 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

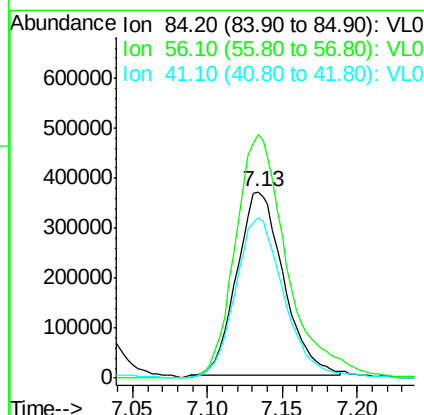
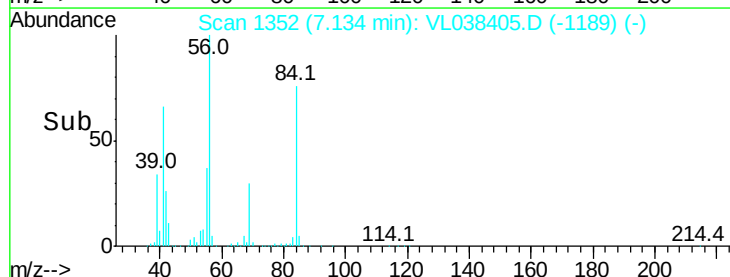
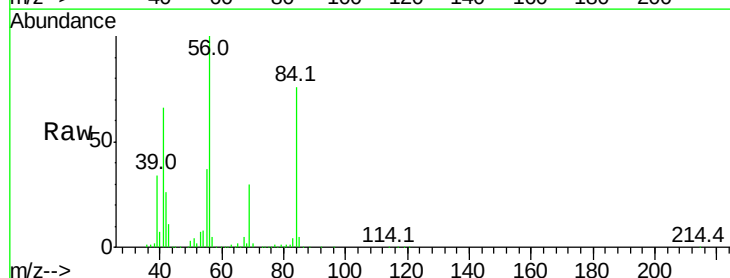
Tgt Ion: 84 Resp: 805985

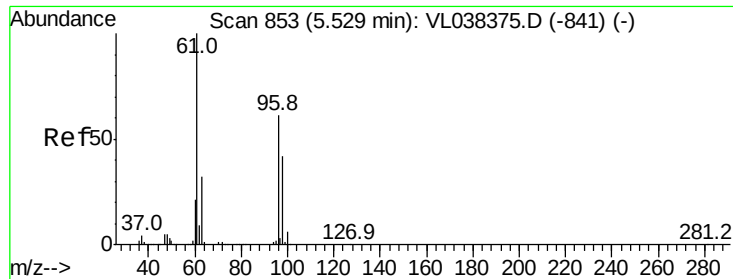
Ion Ratio Lower Upper

84 100

56 146.8 116.2 174.4

41 91.4 74.3 111.5



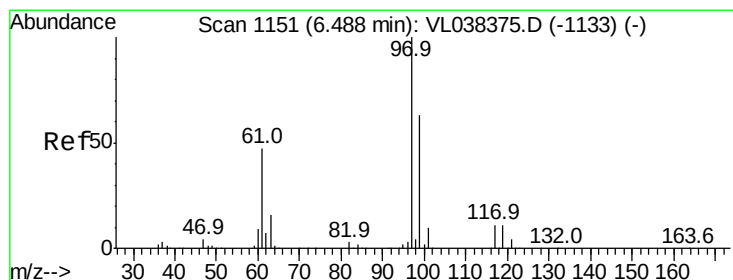
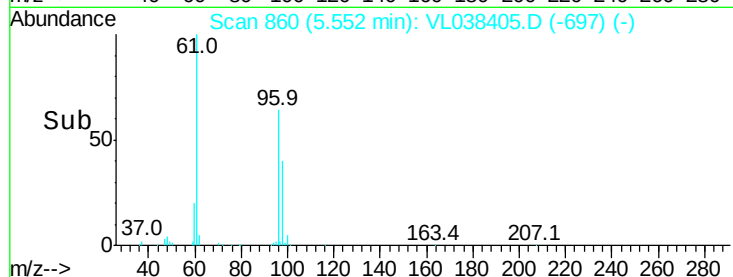
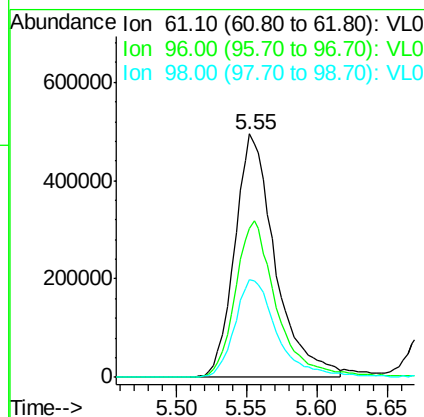
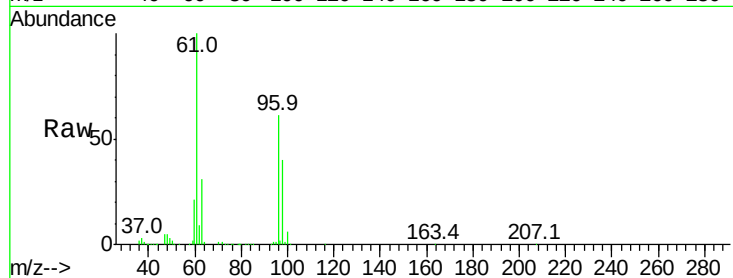


#31
 cis-1,2-Dichloroethene
 Concen: 10.08 ppbv
 RT: 5.55
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 11:10

Tgt Ion: 61.10 (60.80 to 61.80): VL0
 Ion Ratio
 61 100
 96 61.1
 98 40.0

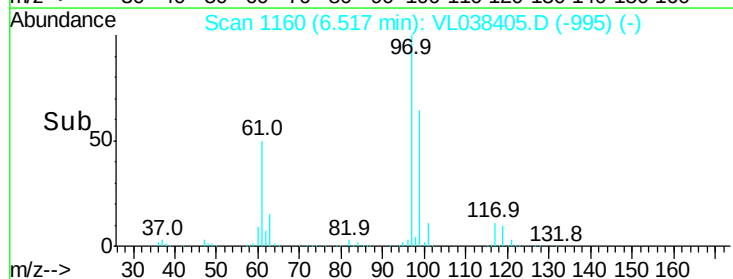
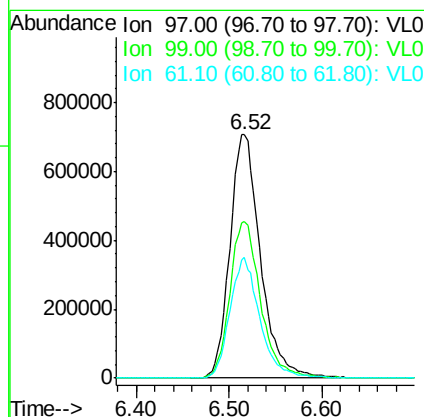
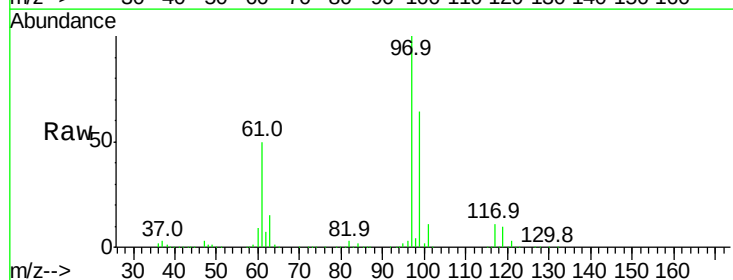
Manual Integrations
 APPROVED

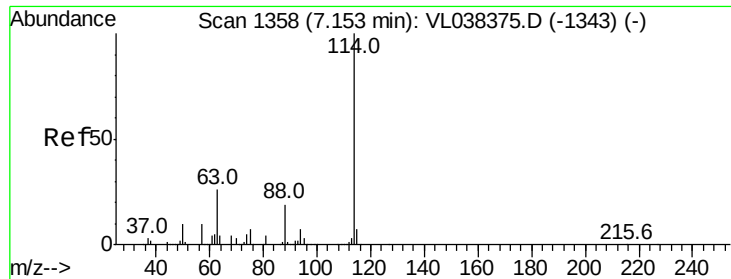
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.71 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 97 Resp: 1615163
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.9 77.9
 61 48.4 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId : VSTDCCC010

Acq: 23 Feb 2022 11:10

Tgt Ion: 1

Ion Ratio

114 100

63 27.

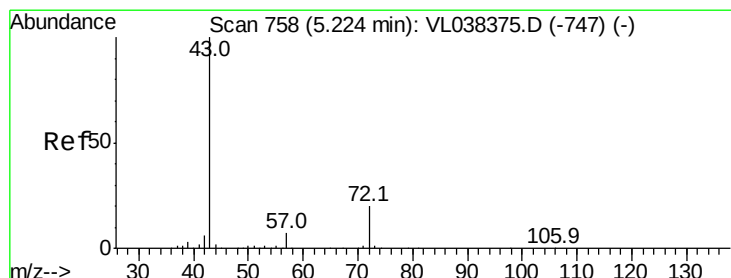
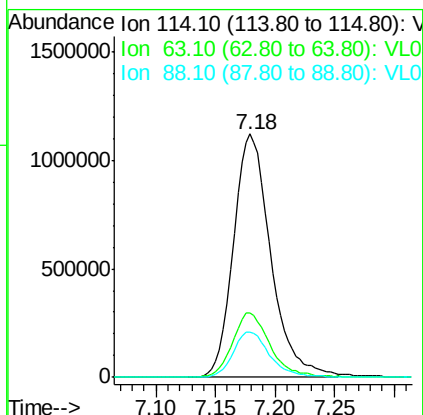
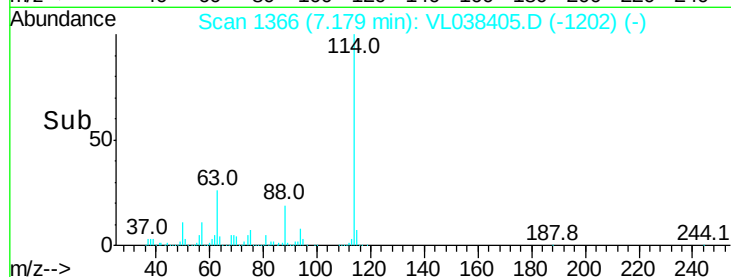
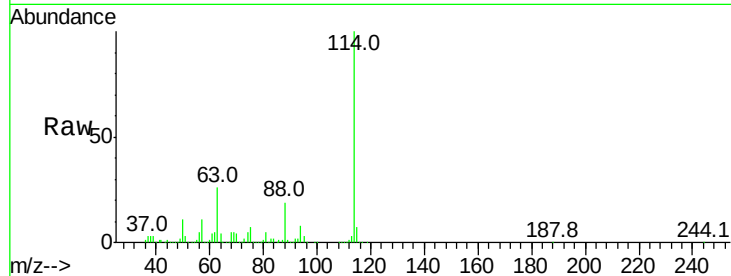
88 18.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 03/03/2022

Supervised By : Mahesh Dadoda 03/03/2022



#34

2-Butanone

Concen: 11.94 ppbv

RT: 5.25 min Scan# 766

Delta R.T. 0.03 min

Lab File: VL038405.D

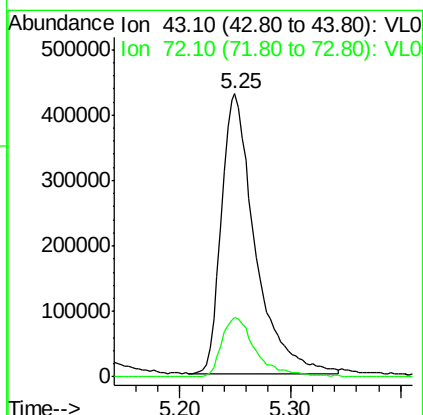
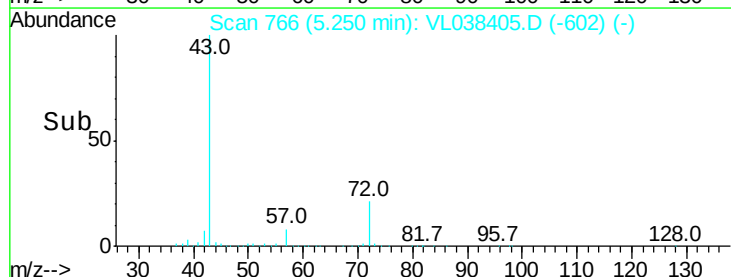
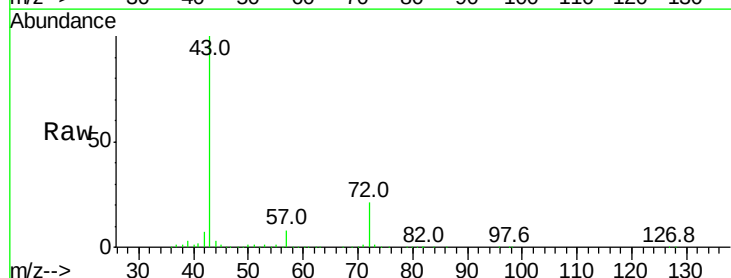
Acq: 23 Feb 2022 11:16

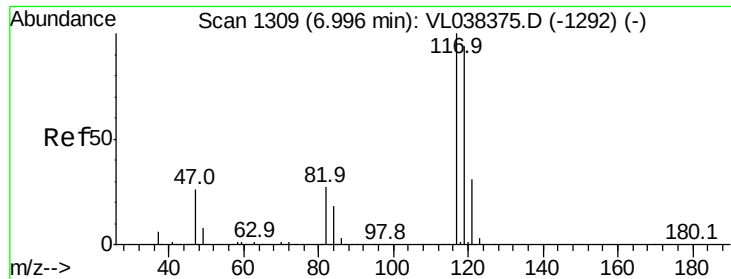
Tgt Ion: 43 Resp: 913697

Ion Ratio Lower Upper

43 100

72 22.0 17.4 26.2



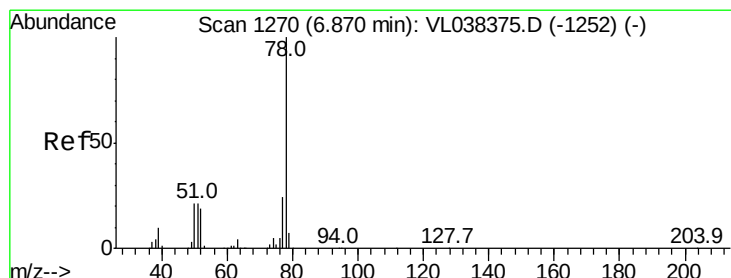
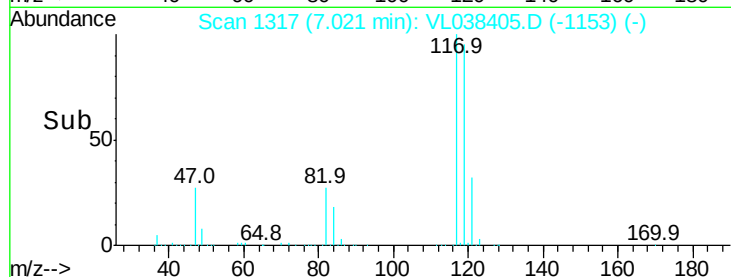
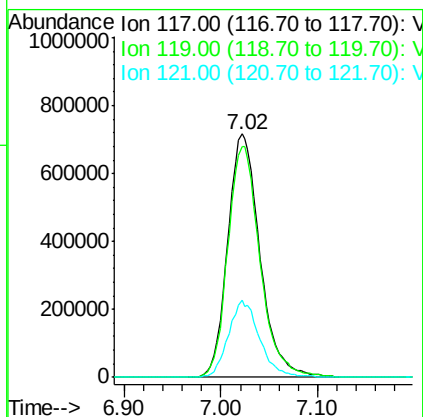
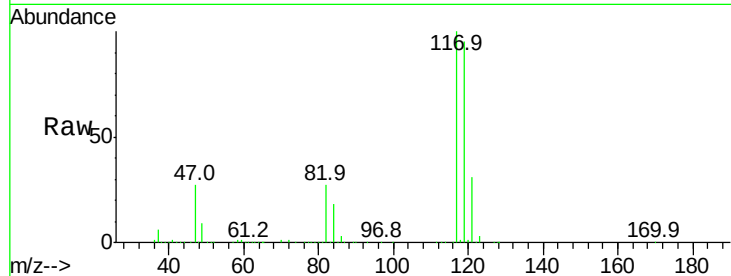


#35
 Carbon Tetrachloride
 Concen: 9.69 ppbv
 RT: 7.02
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion: 117
 Ion Ratio
 117 100
 119 94.
 121 31.

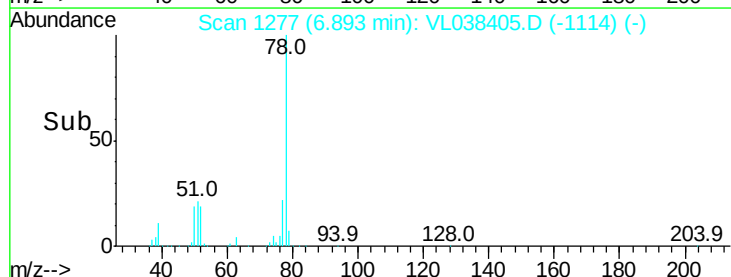
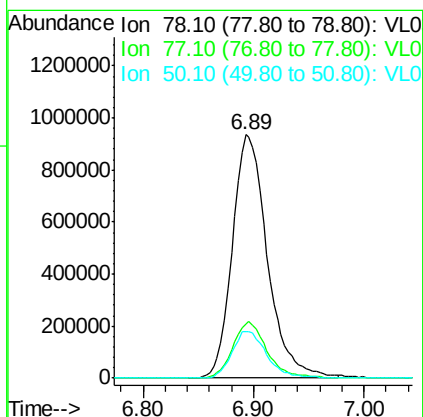
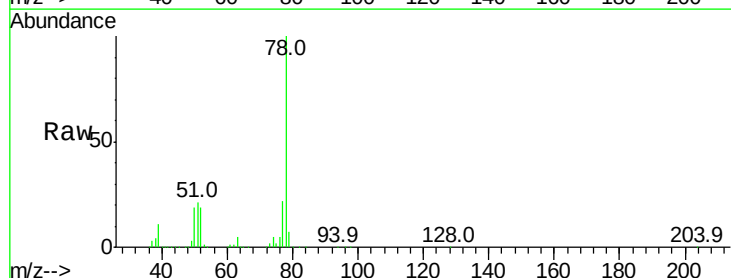
Manual Integrations
 APPROVED

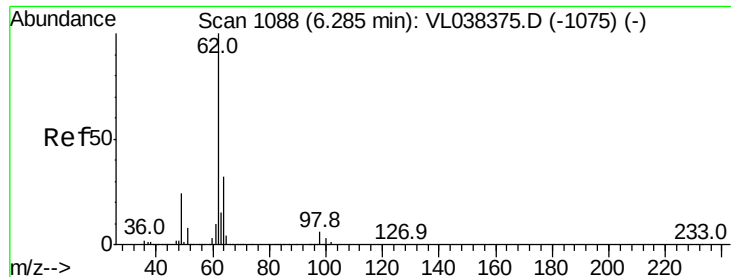
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022



#36
 Benzene
 Concen: 9.62 ppbv
 RT: 6.89 min Scan# 1277
 Delta R.T. 0.02 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 78 Resp: 2061058
 Ion Ratio Lower Upper
 78 100
 77 22.4 19.0 28.6
 50 19.3 16.6 24.8





#37

1,2-Dichloroethane

Concen: 9.52 ppbv

RT: 6.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

62 100

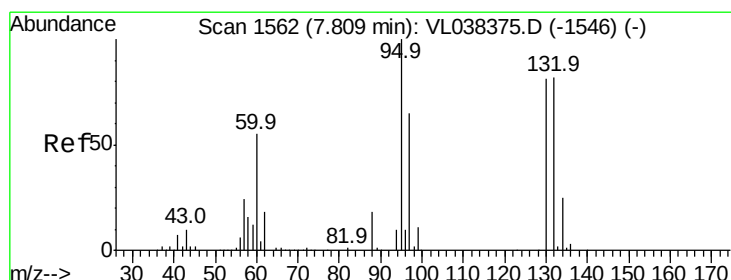
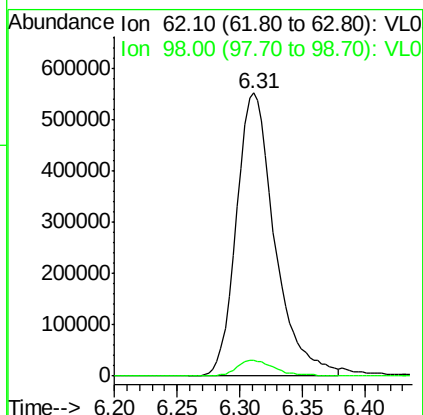
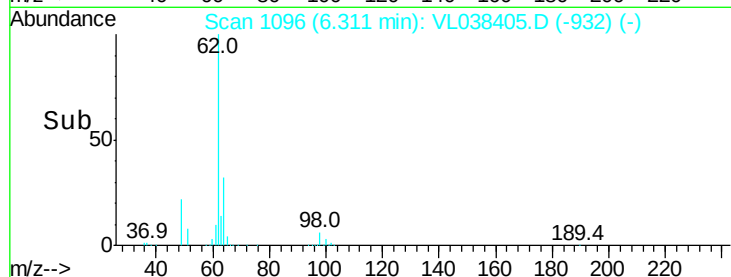
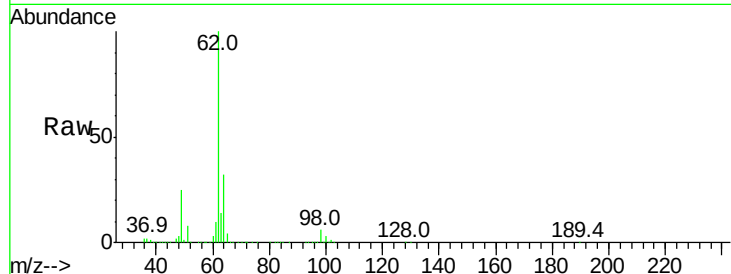
98 5.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#38

Trichloroethene

Concen: 9.34 ppbv

RT: 7.84 min Scan# 1571

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion:130 Resp: 729183

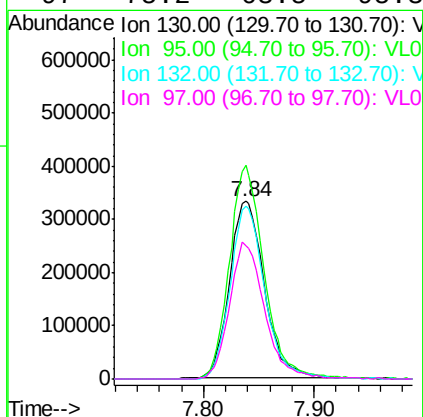
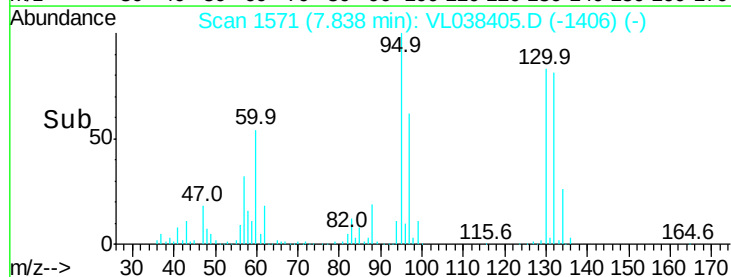
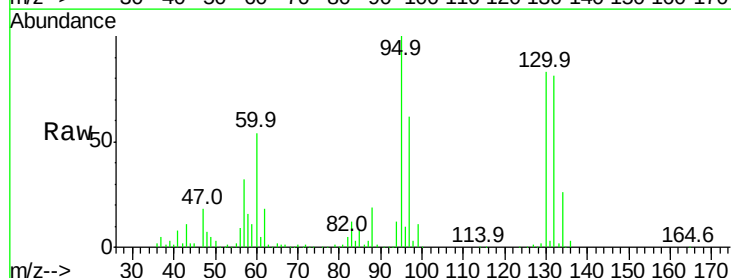
Ion Ratio Lower Upper

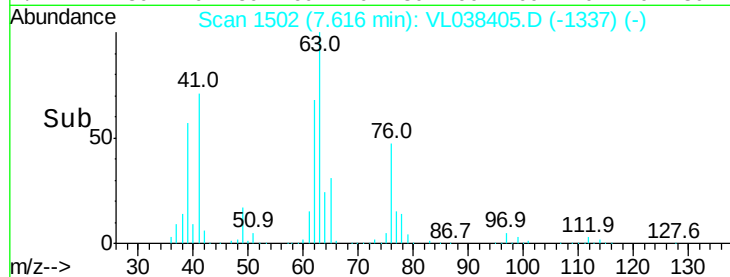
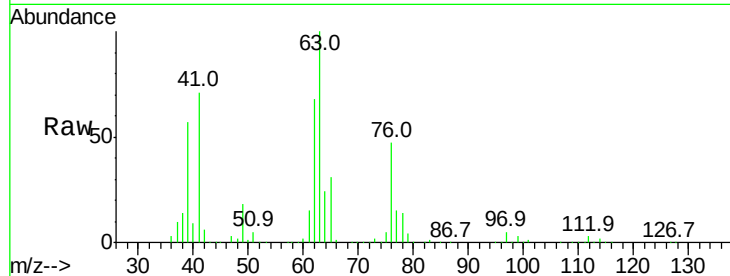
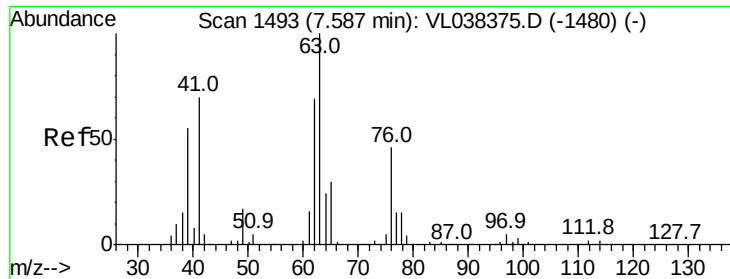
130 100

95 120.9 98.1 147.1

132 97.7 80.3 120.5

97 75.2 63.5 95.3



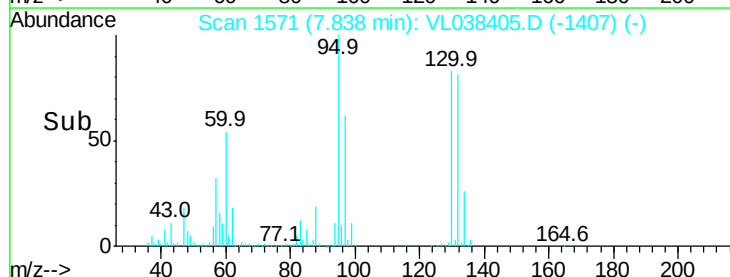
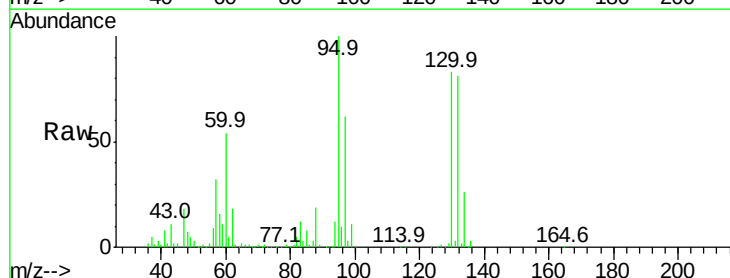
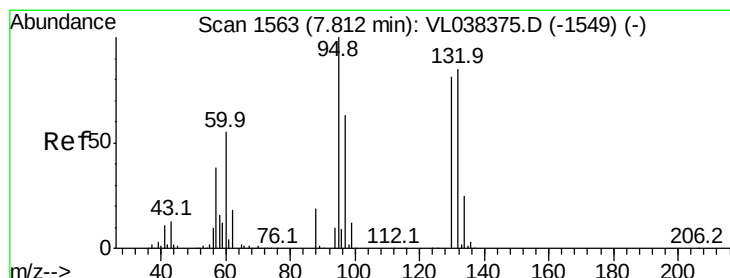
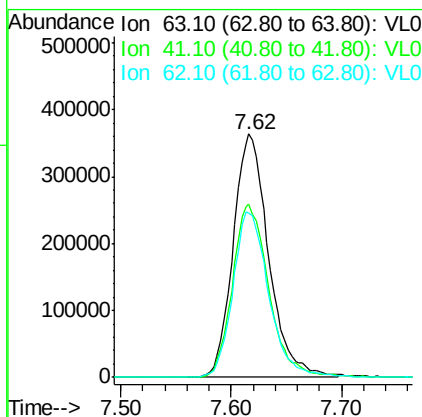


#39
 1,2-Dichloropropane
 Concen: 9.49 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion:
 Ion Ratio
 63 100
 41 71.
 62 67.

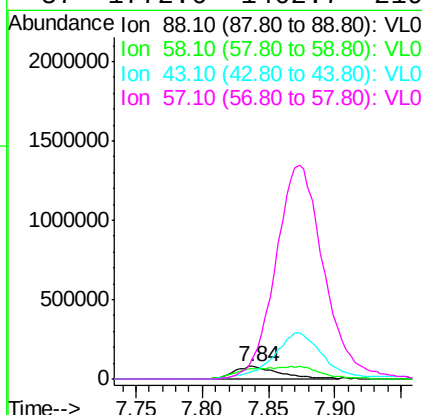
Manual Integrations
 APPROVED

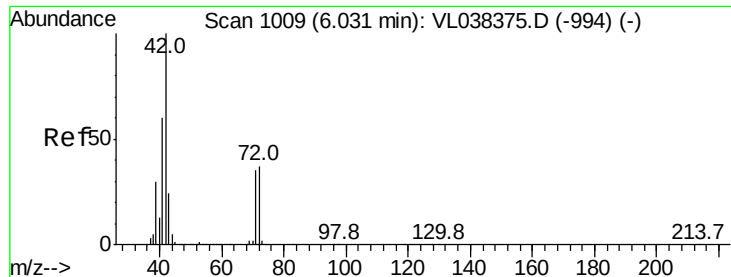
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#40
 1,4-Dioxane
 Concen: 9.65 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 88 Resp: 195237
 Ion Ratio Lower Upper
 88 100
 58 161.3 133.2 199.8
 43 401.1 330.6 496.0
 57 1772.6 1462.7 2194.1



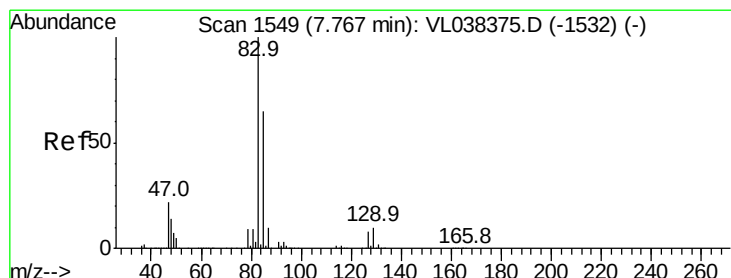
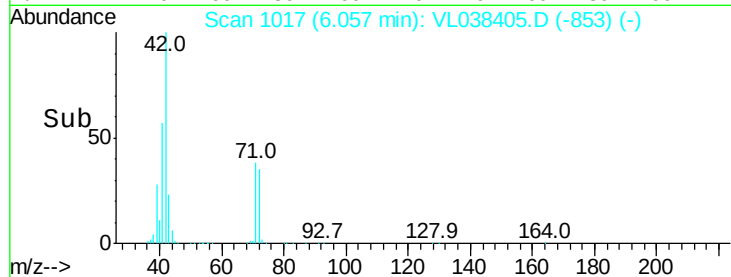
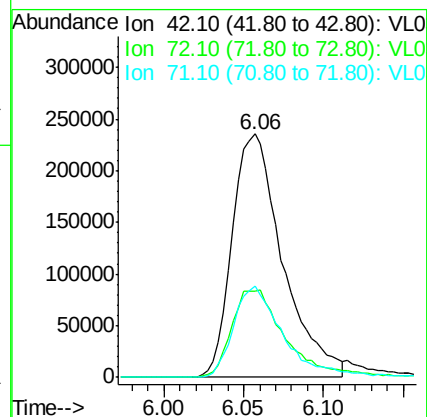
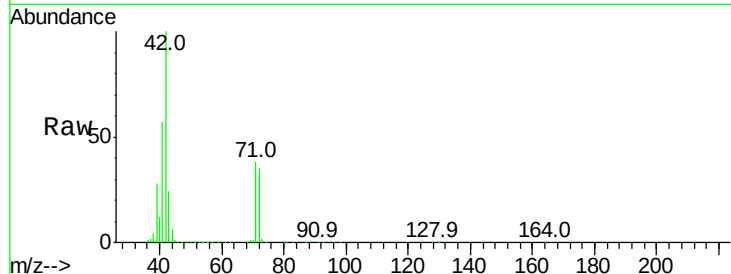


#41
Tetrahydrofuran
Concen: 9.76 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Feb 2022 11:16

Tgt Ion:
Ion Ratio
42 100
72 39.
71 37.

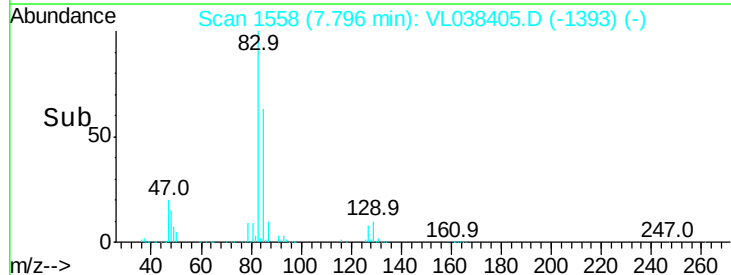
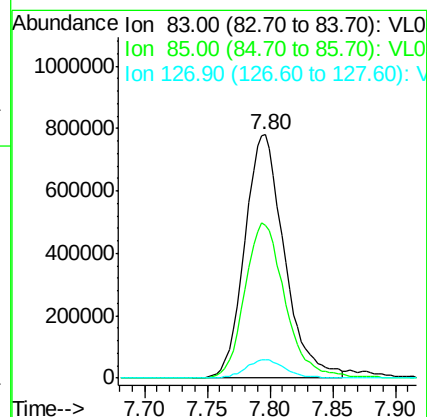
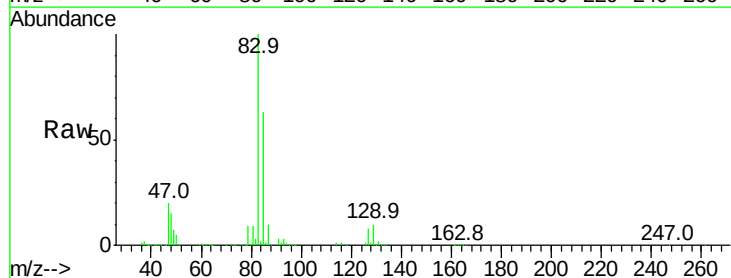
Manual Integrations
APPROVED

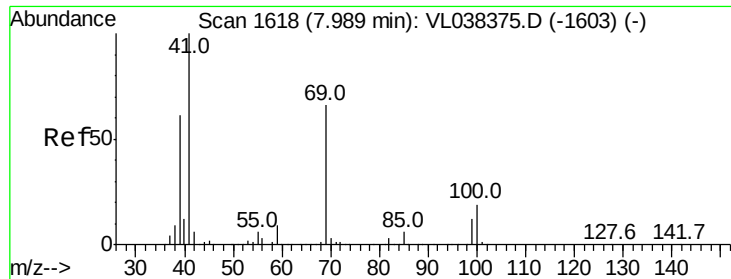
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#42
Bromodichloromethane
Concen: 9.60 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 83 Resp: 1716699
Ion Ratio Lower Upper
83 100
85 62.7 52.2 78.4
127 7.5 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.29 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId : VSTDCCC010

Acq: 23 Feb 2022 11:16

Tgt Ion: 69

Ion Ratio: 100

41 149.

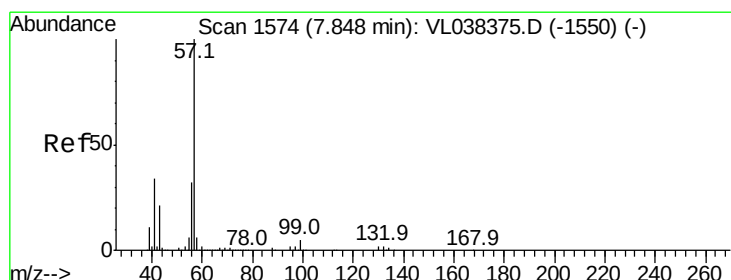
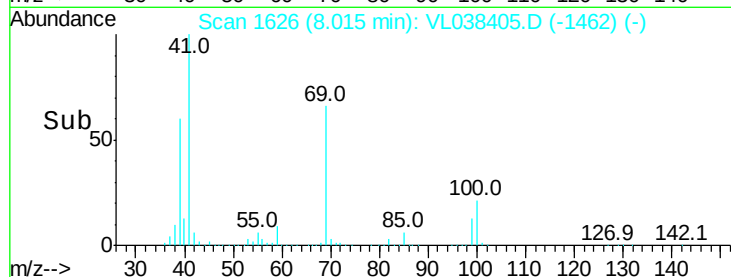
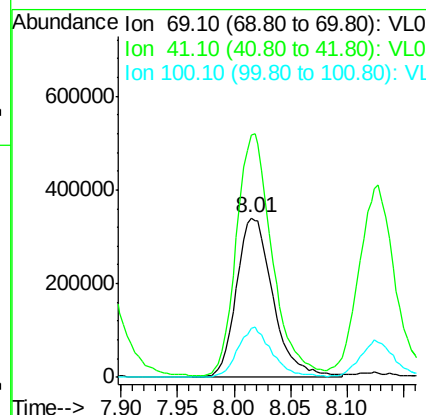
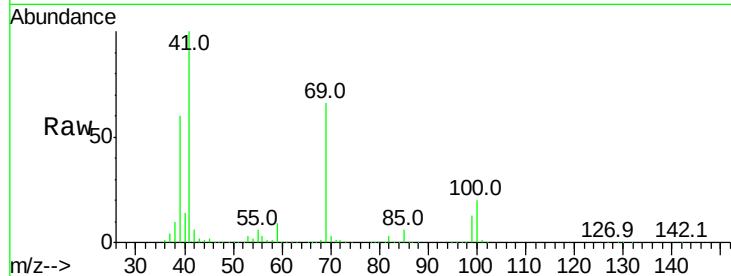
100 29.

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 03/03/2022

Supervised By : Mahesh Dadoda 03/03/2022



#44

2,2,4-Trimethylpentane

Concen: 9.39 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion: 57

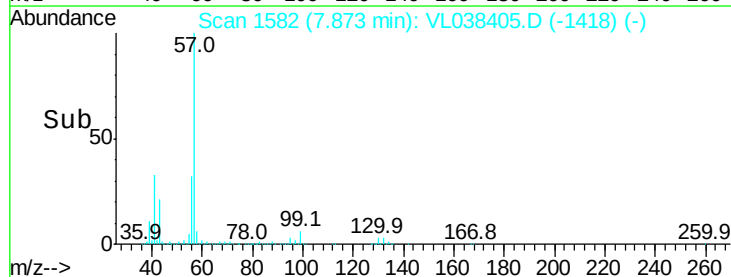
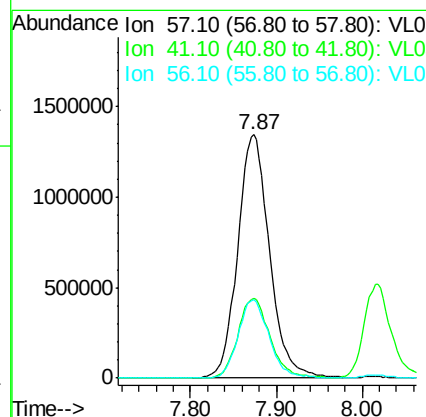
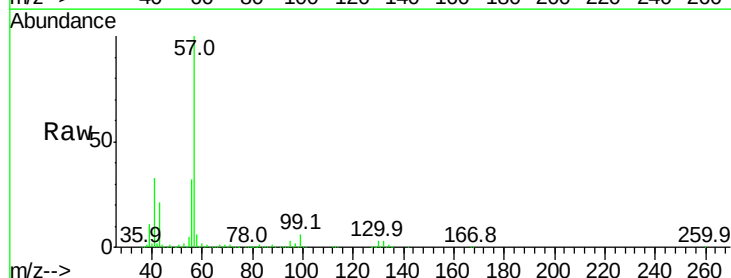
Resp: 3458190

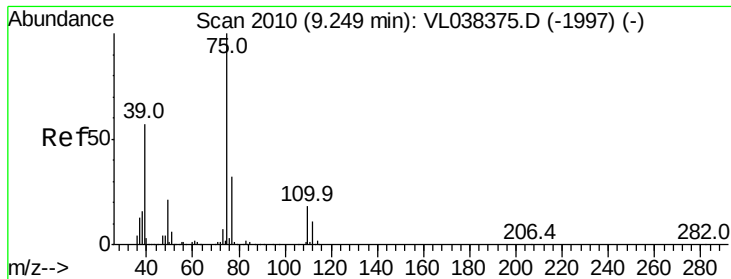
Ion Ratio Lower Upper

57 100

41 33.1 26.6 39.8

56 31.4 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.50 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:10 VSTDCCC010

Tgt Ion:

Ion Ratio

75 100

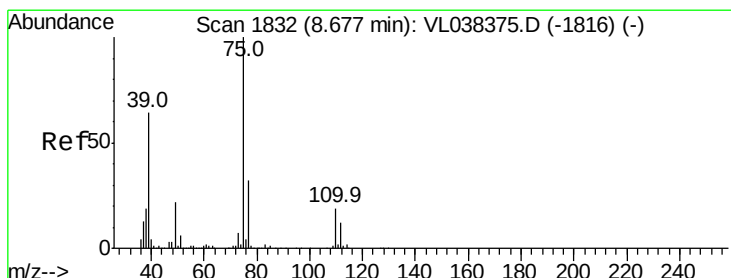
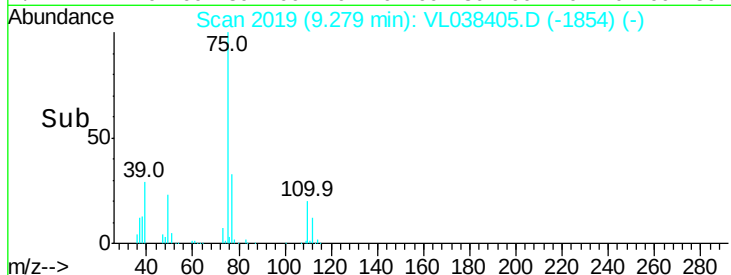
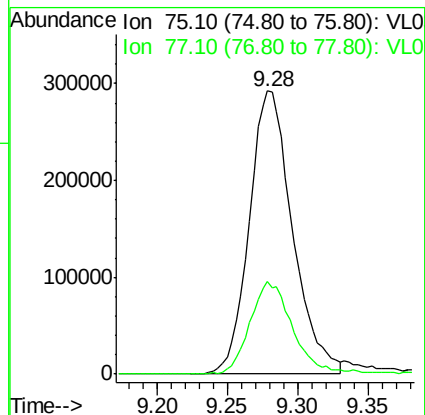
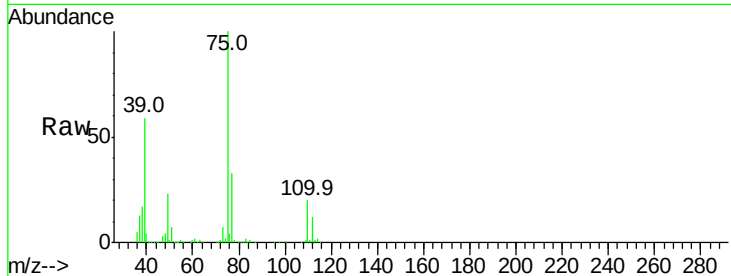
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#46

cis-1,3-Dichloropropene

Concen: 10.21 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

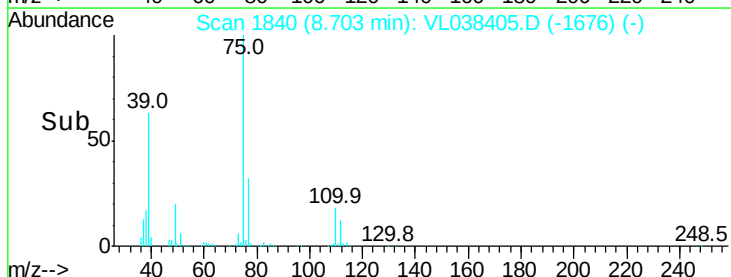
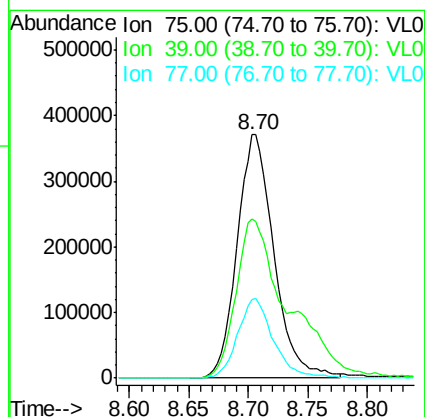
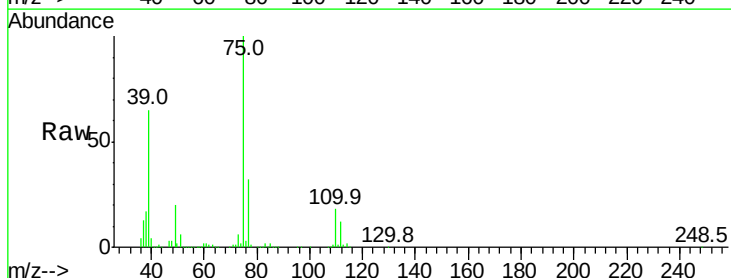
Tgt Ion: 75 Resp: 796368

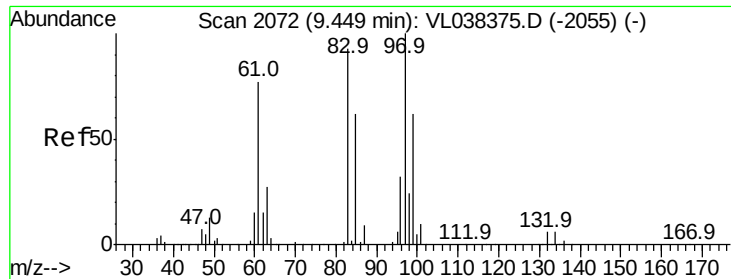
Ion Ratio Lower Upper

75 100

39 65.2 51.4 77.2

77 32.3 25.4 38.2



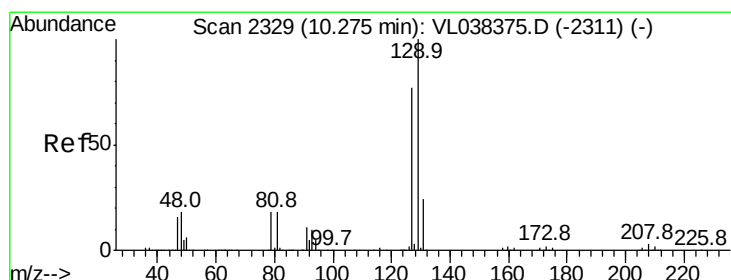
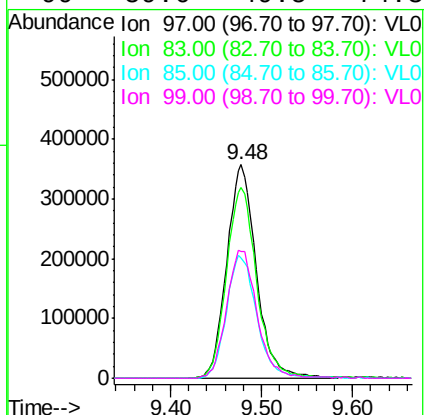
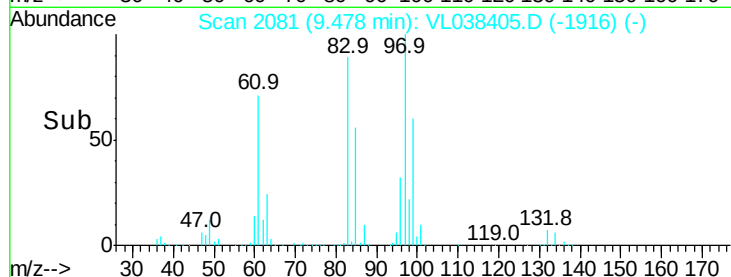
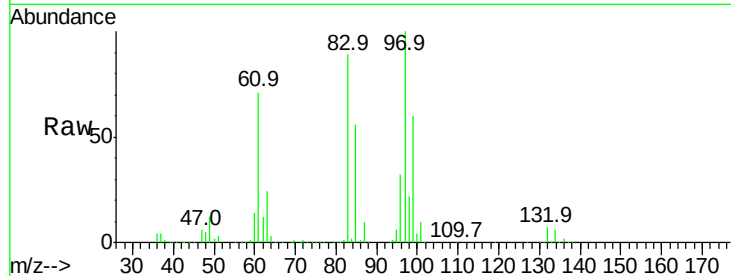


#47
 1,1,2-Trichloroethane
 Concen: 9.49 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion:
 Ion Ratio
 97 100
 83 89.
 85 56.
 99 59.6 49.5 74.3

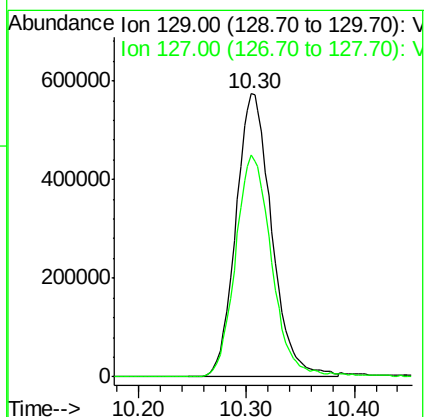
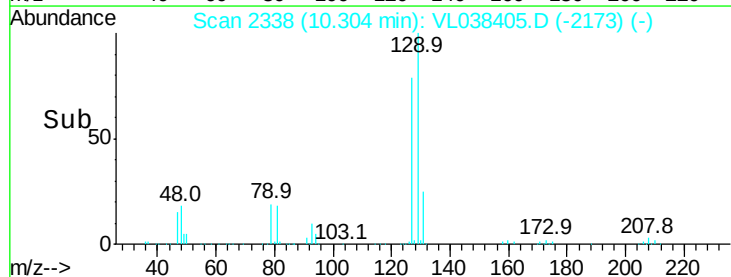
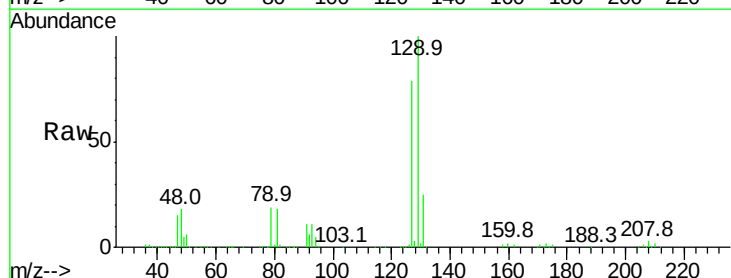
Manual Integrations
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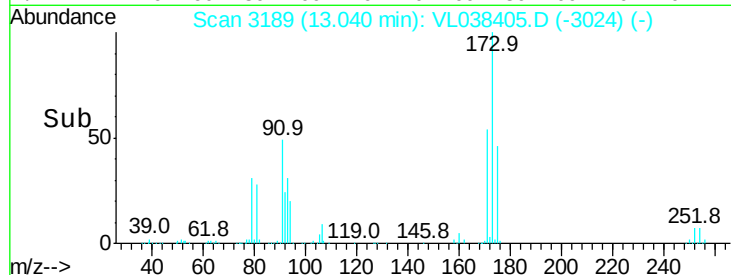
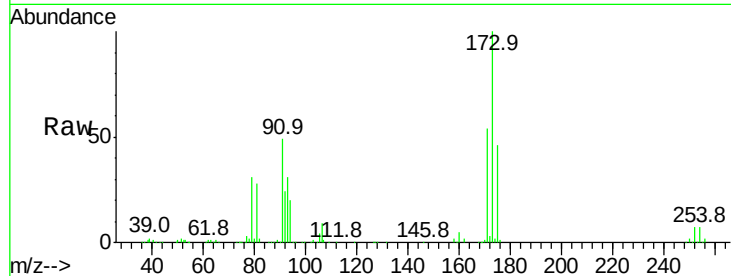
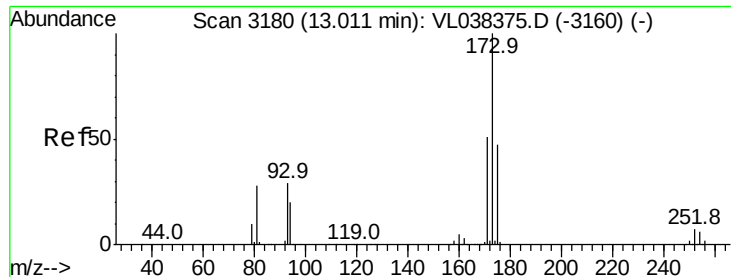
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#48
 Dibromochloromethane
 Concen: 9.57 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion:129 Resp: 1328439
 Ion Ratio Lower Upper
 129 100
 127 79.7 39.4 118.1





#49

Bromoform

Concen: 8.73 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 23 Feb 2022 11:16

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022

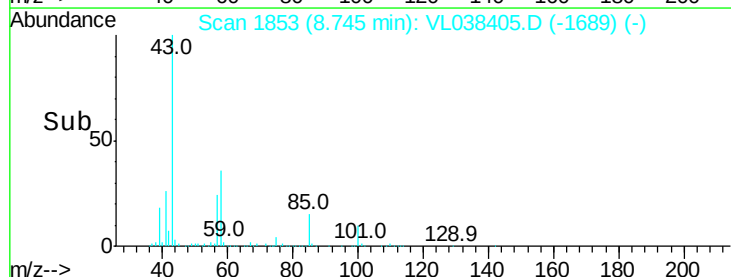
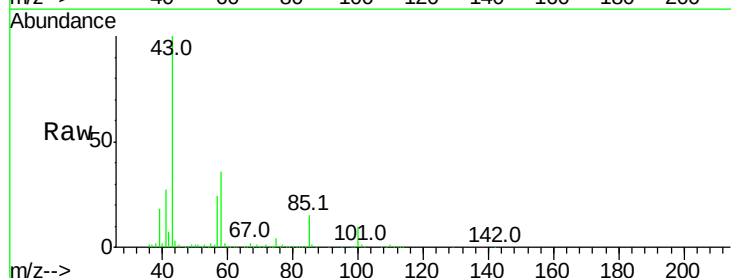
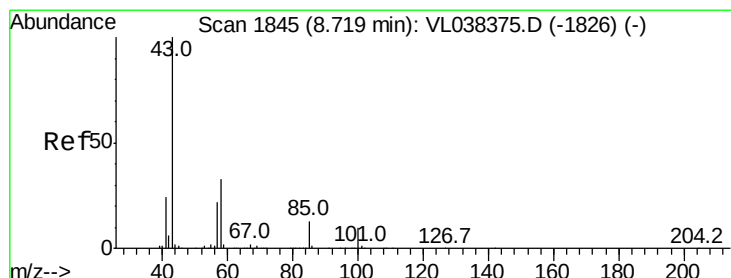
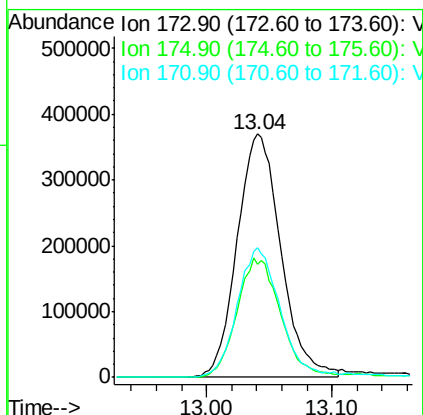
Tgt Ion:1

Ion Ratio

173 100

175 50.

171 53.



#50

4-Methyl-2-Pentanone

Concen: 10.12 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.03 min

Lab File: VL038405.D

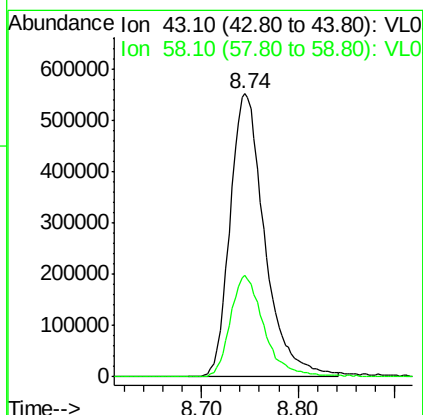
Acq: 23 Feb 2022 11:16

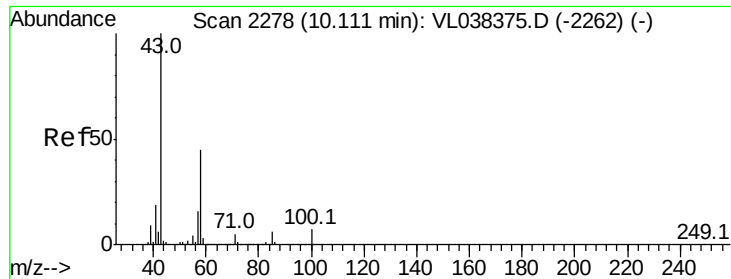
Tgt Ion: 43 Resp: 1369586

Ion Ratio Lower Upper

43 100

58 35.5 27.7 41.5





#51

2-Hexanone

Concen: 9.94 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

43 100

58 48.

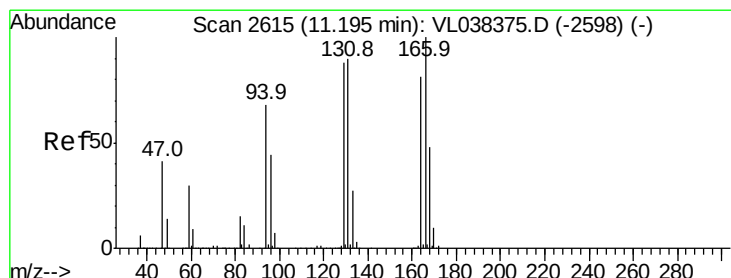
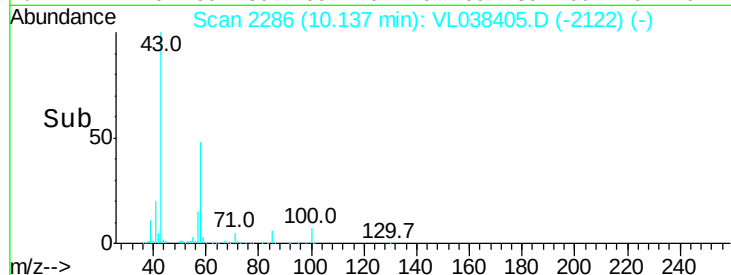
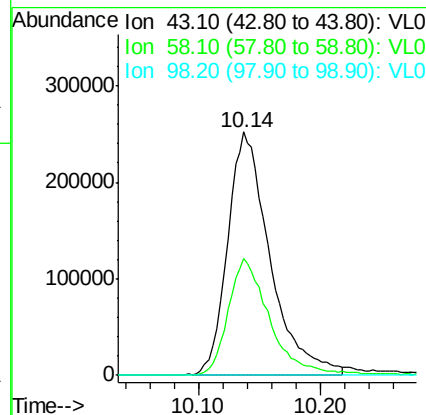
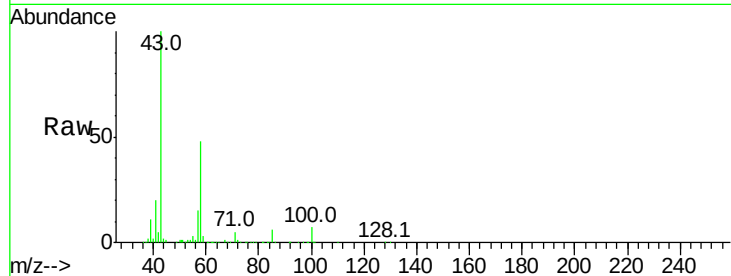
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#52

Tetrachloroethene

Concen: 8.91 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion:164 Resp: 633626

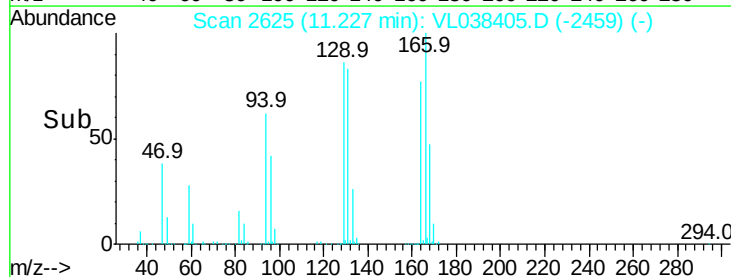
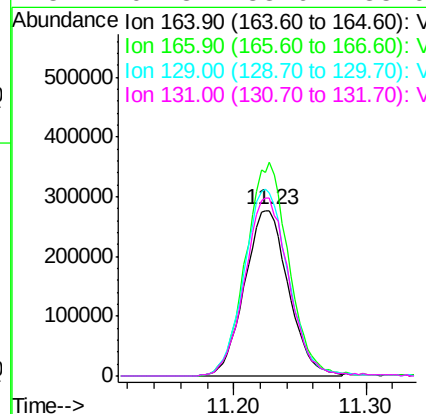
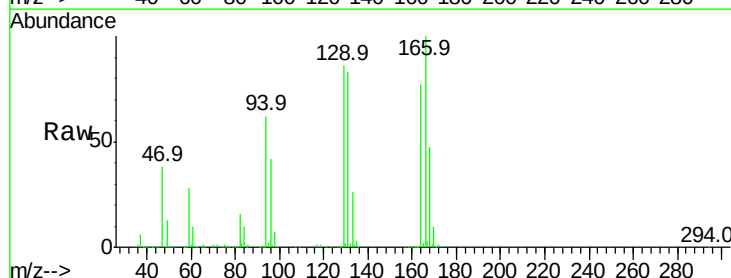
Ion Ratio Lower Upper

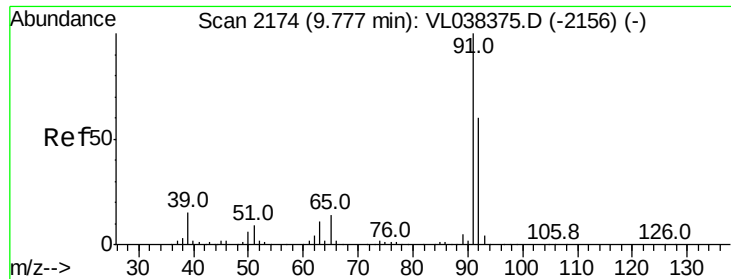
164 100

166 129.1 98.6 148.0

129 110.8 86.9 130.3

131 107.3 88.6 133.0





#53

Toluene

Concen: 9.68 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:16

Tgt Ion:

Ion Ratio

91 100

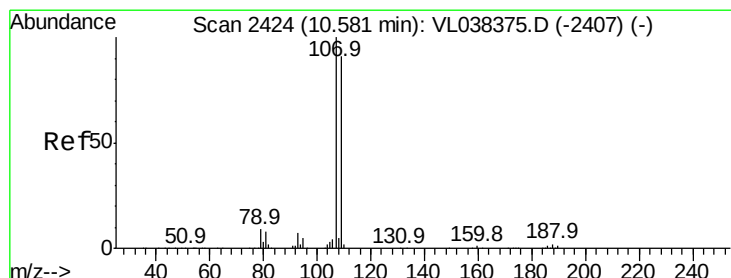
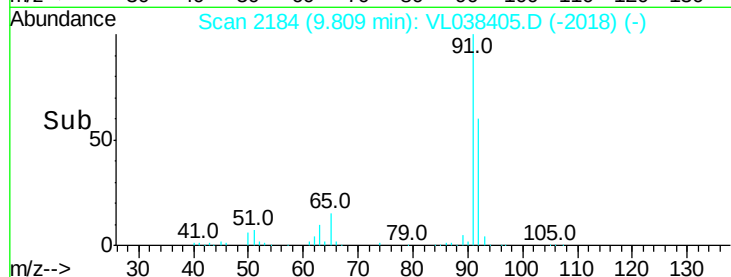
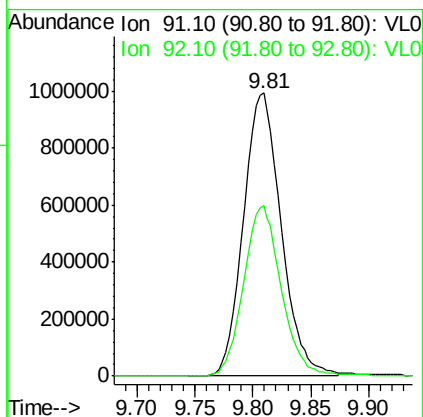
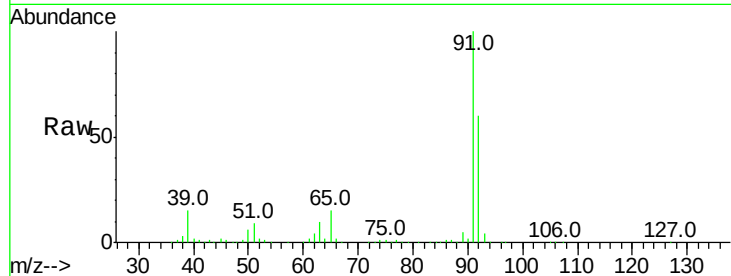
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#54

1,2-Dibromoethane

Concen: 9.57 ppbv

RT: 10.61 min Scan# 2433

Delta R.T. 0.03 min

Lab File: VL038405.D

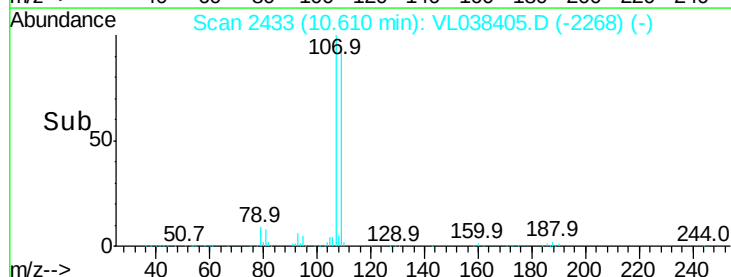
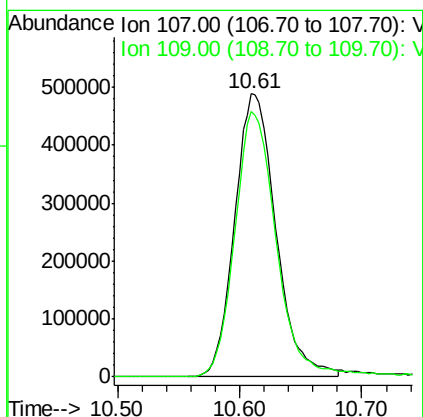
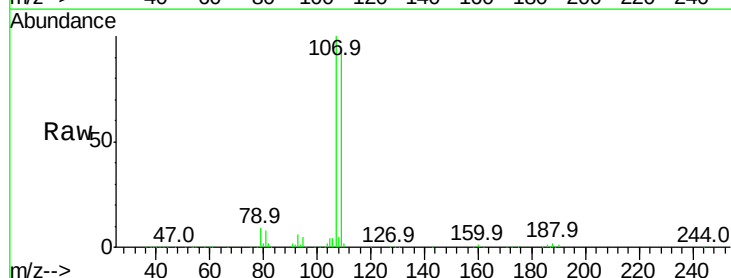
Acq: 23 Feb 2022 11:16

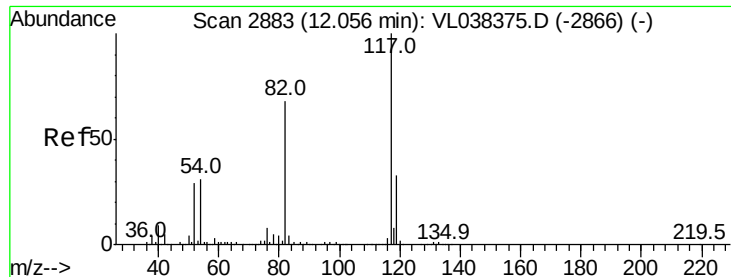
Tgt Ion:107 Resp: 1143924

Ion Ratio Lower Upper

107 100

109 93.7 73.0 109.6



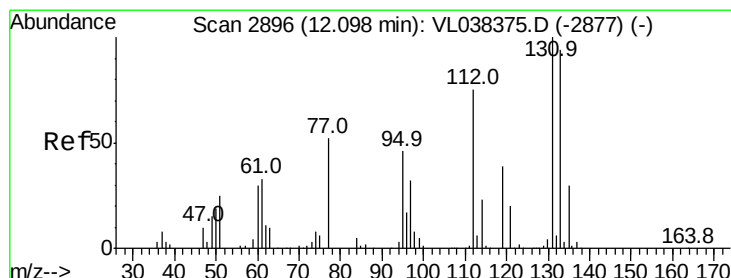
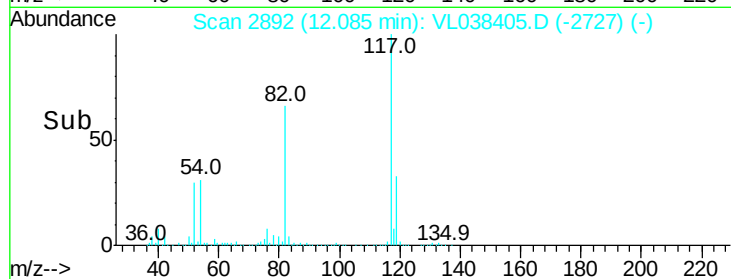
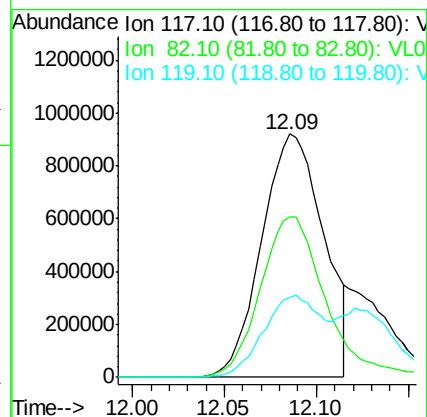
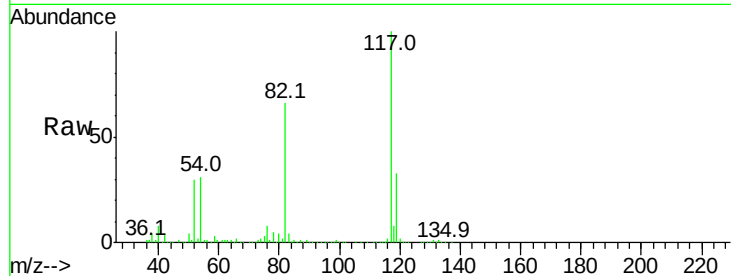


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.09
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 11:10

Tgt Ion:1
Ion Rati
117 100
82 72.
119 32.

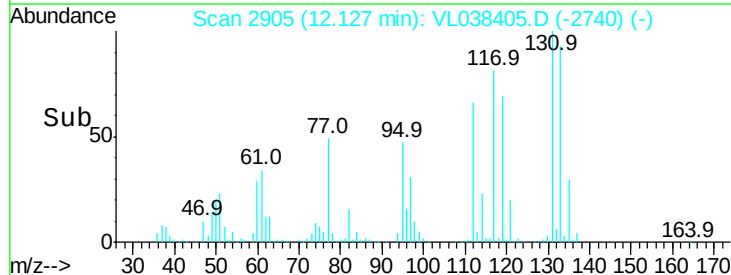
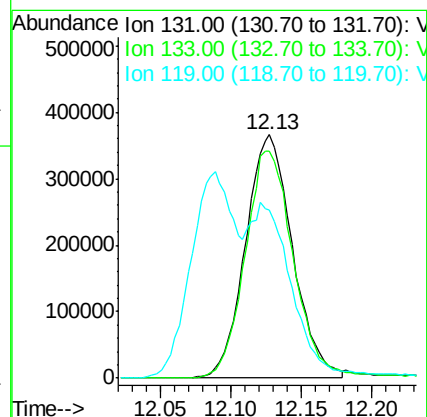
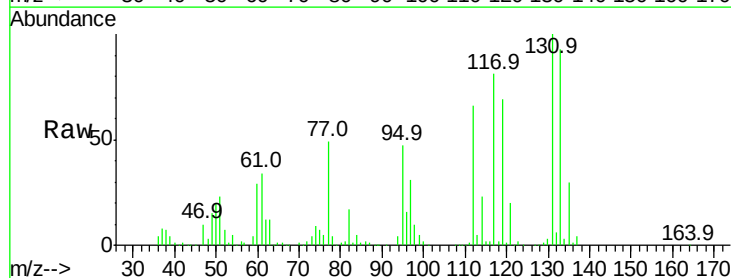
Manual Integrations
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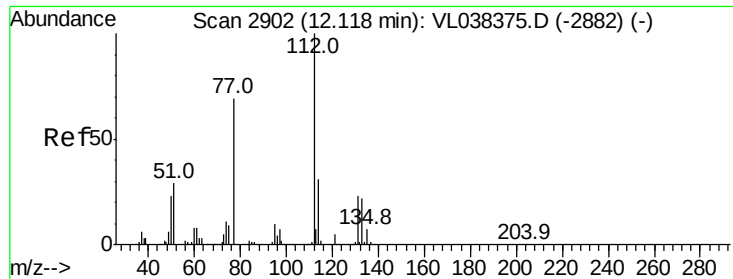
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.52 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:131 Resp: 850271
Ion Ratio Lower Upper
131 100
133 97.1 77.3 115.9
119 70.2 48.6 73.0



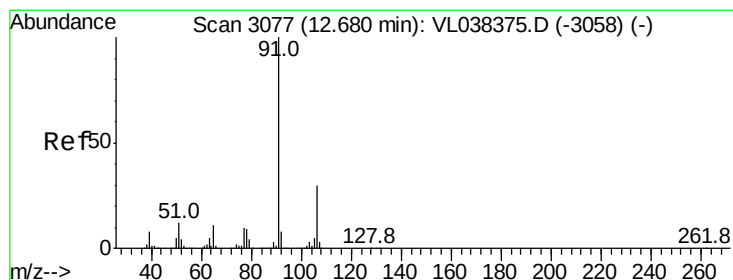
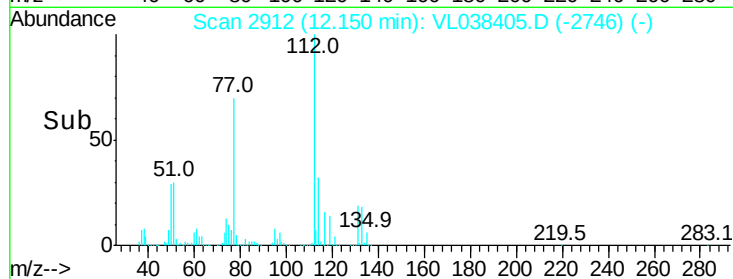
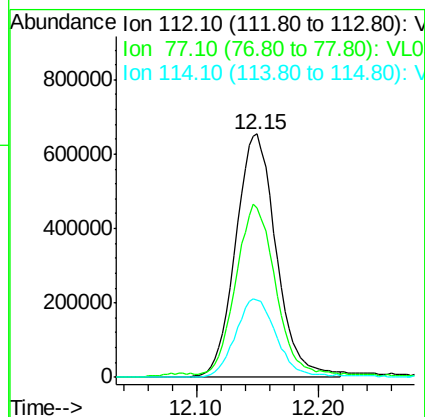
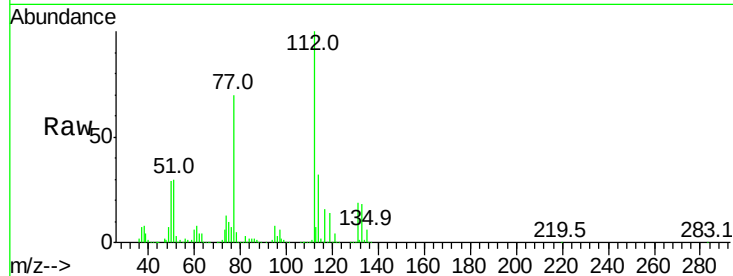


#57
Chlorobenzene
Concen: 9.11 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: ClientSampleId : VSTDCCC010
Acq: 23 Feb 2022 11:16

Tgt Ion: 112.10
Ion Ratio: 100
77 68.1
114 31.1

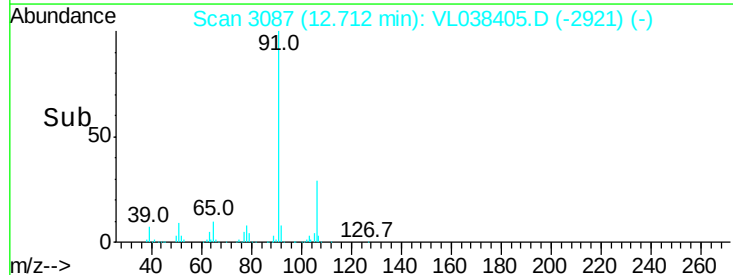
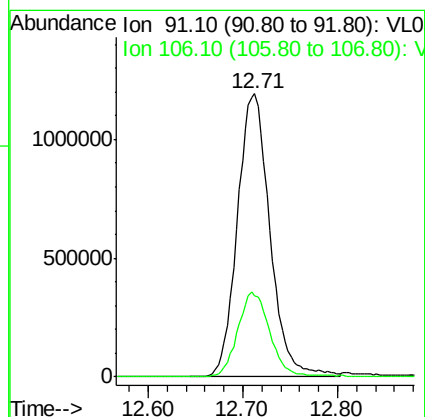
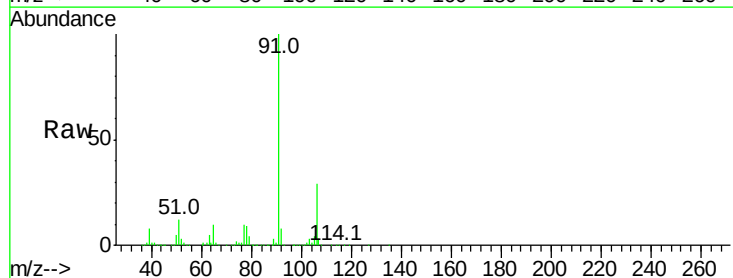
Manual Integrations
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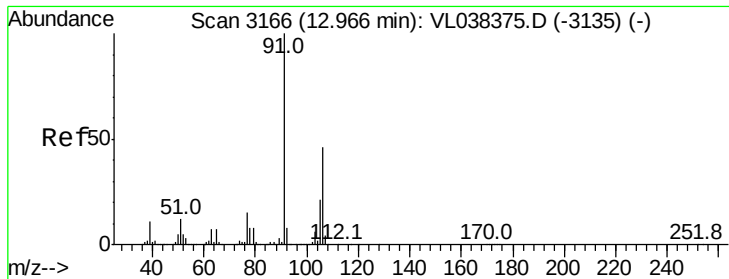
Reviewed By : Semsettin Yesilyurt 03/03/2022
Supervised By : Mahesh Dadoda 03/03/2022



#58
Ethyl Benzene
Concen: 9.76 ppbv
RT: 12.71 min Scan# 3087
Delta R.T.: 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91
Ion Ratio: 100
106 28.7 24.0 36.0



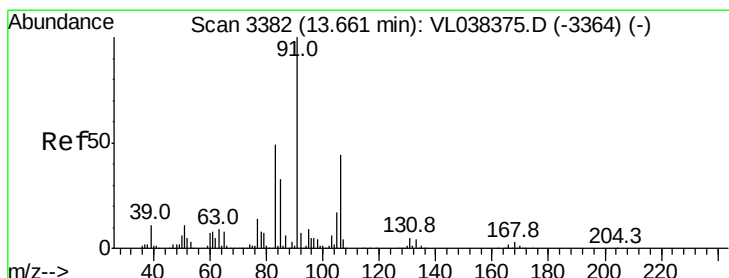
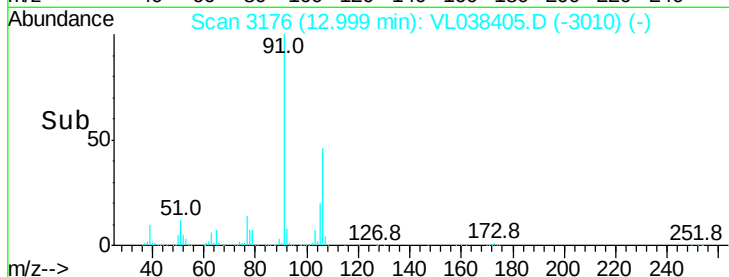
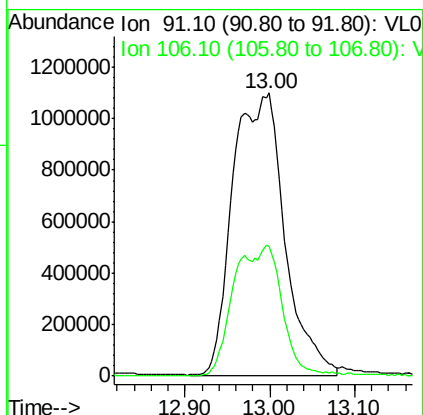
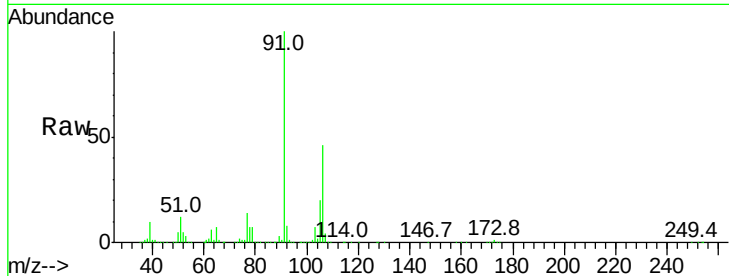


#59
m/p-Xylene
Concen: 18.63 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 11:10

Tgt Ion:
Ion Ratio
91 100
106 43.

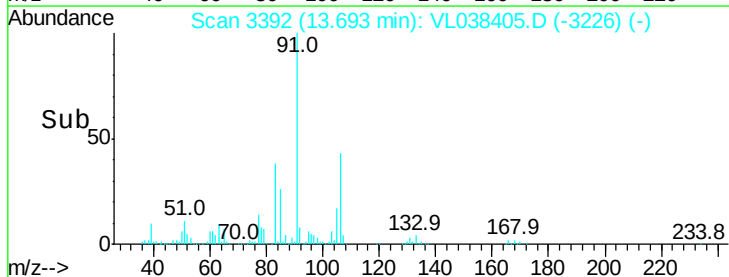
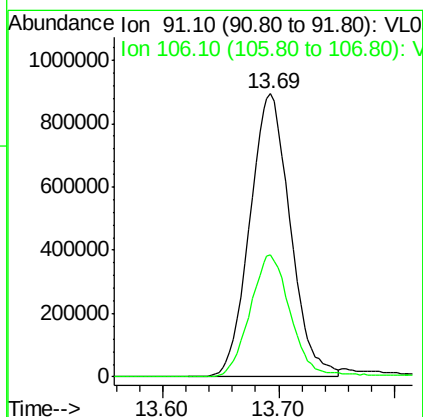
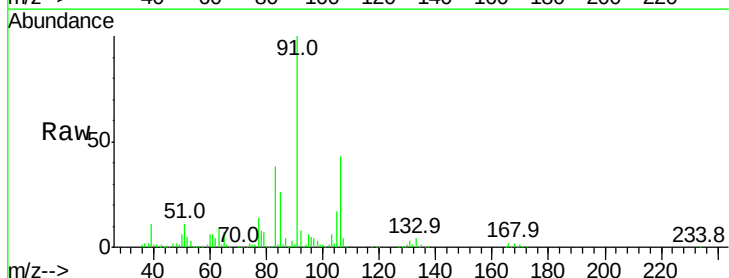
Manual Integrations
APPROVED

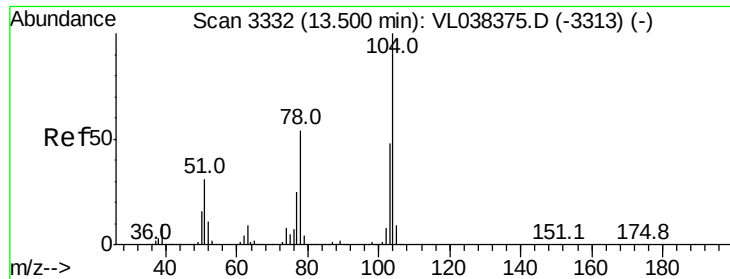
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#60
o-Xylene
Concen: 9.10 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 2165258
Ion Ratio Lower Upper
91 100
106 44.6 21.9 65.5



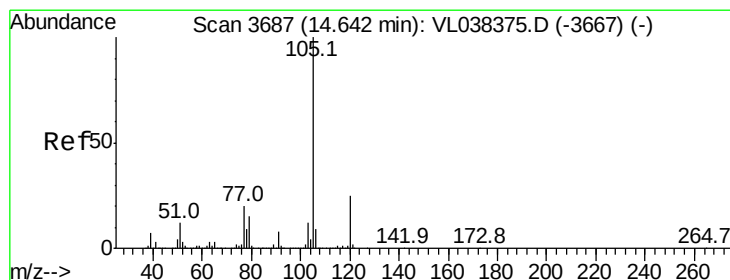
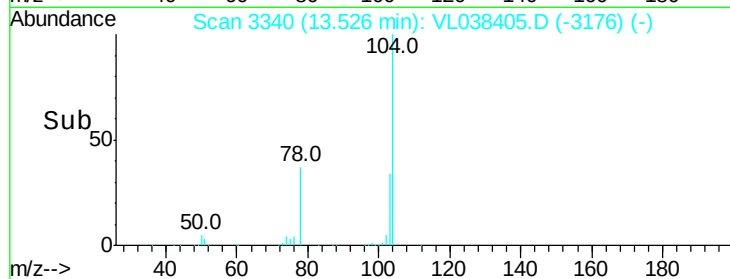
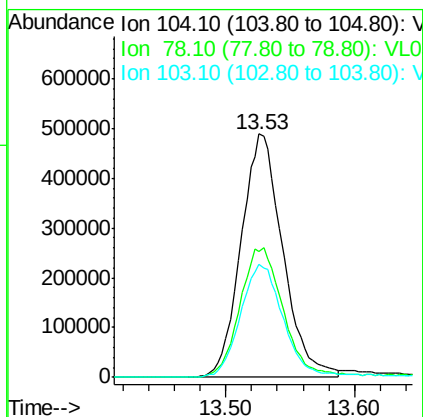
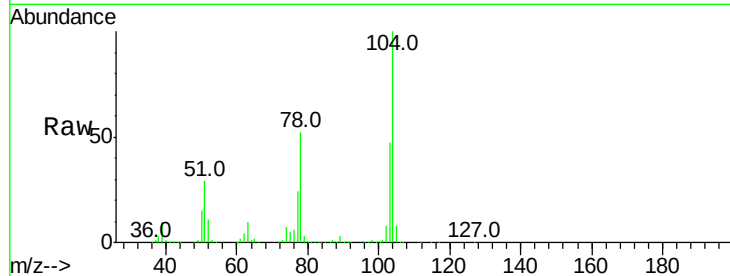


#61
Styrene
 Concen: 10.03 ppbv
 RT: 13.53 min
 Delta R.T.: 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 104
 Ion Ratio: 100
 78 56.1
 103 48.1

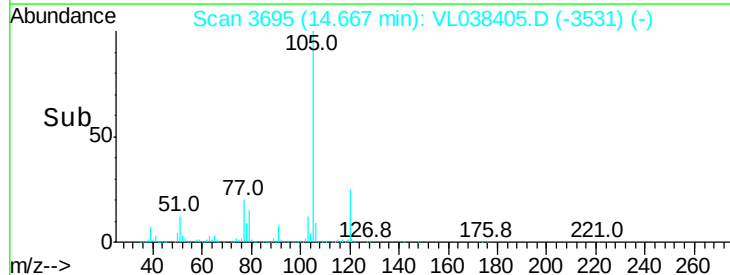
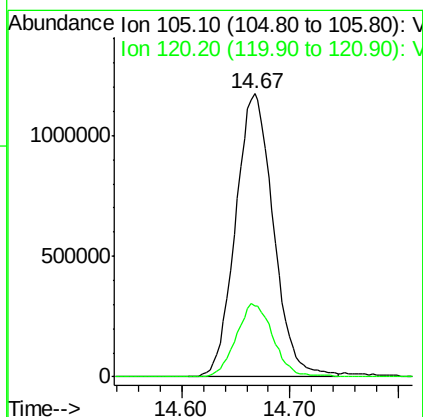
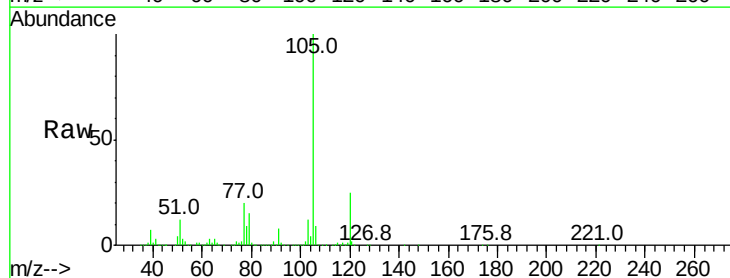
Manual Integrations
APPROVED

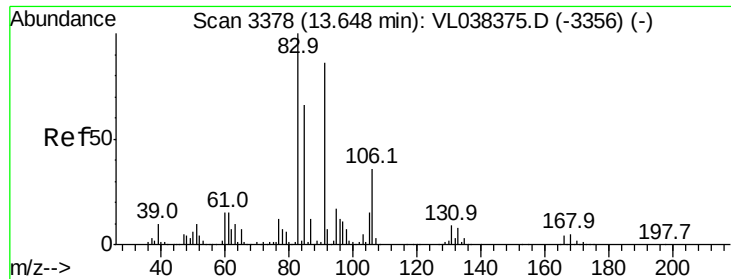
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022



#62
Isopropylbenzene
 Concen: 8.97 ppbv
 RT: 14.67 min Scan# 3695
 Delta R.T.: 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 105
 Ion Ratio: 100
 120 25.6 20.6 30.8



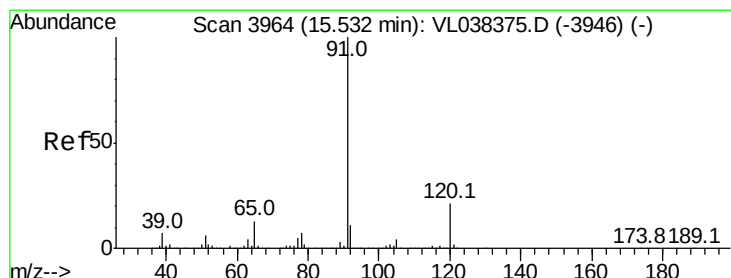
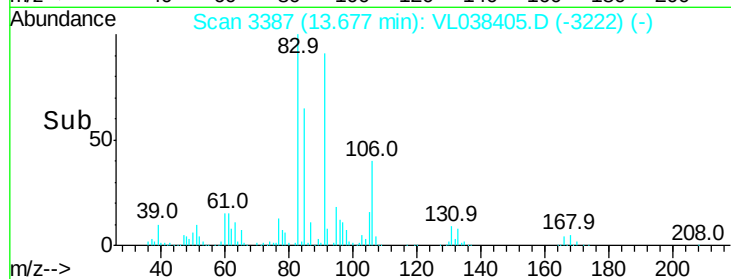
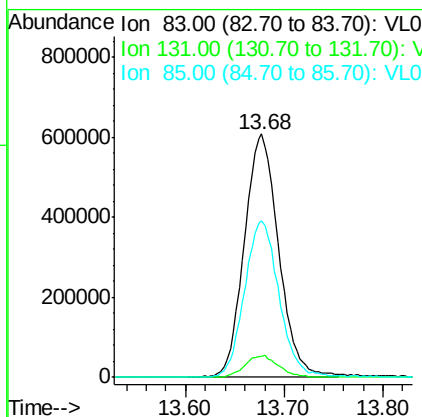
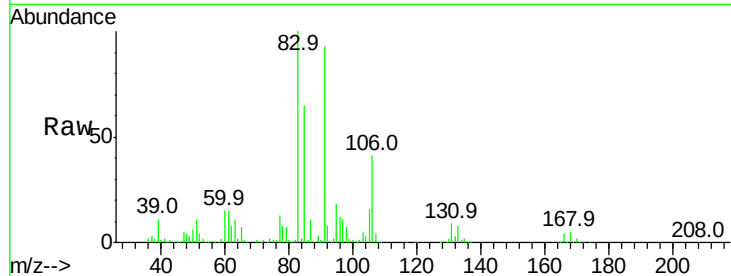


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.56 ppbv
 RT: 13.68
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 11:16

Tgt Ion:
 Ion Ratio
 83 100
 131 8.
 85 65.

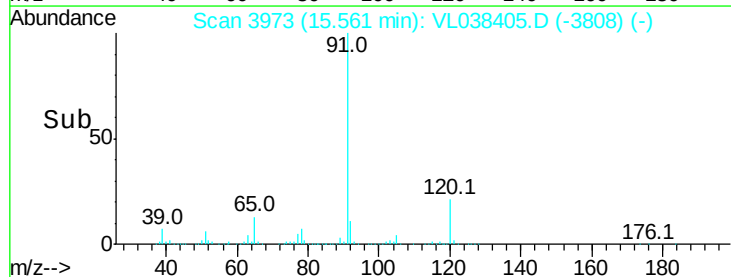
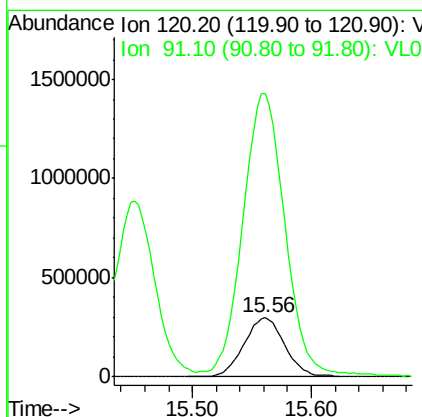
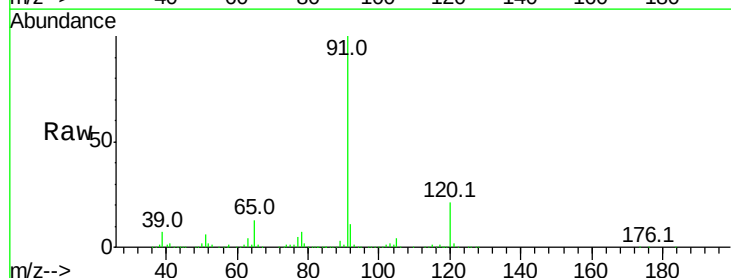
Manual Integrations
 APPROVED

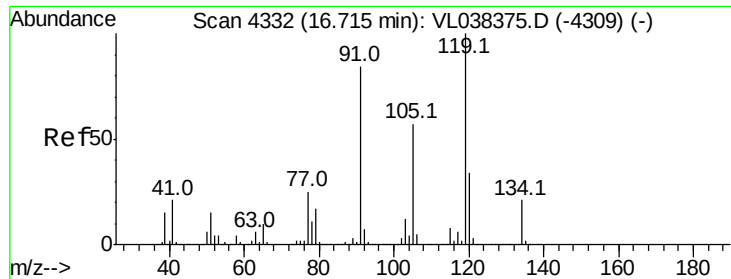
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#64
 n-propylbenzene
 Concen: 8.95 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion:120 Resp: 708163
 Ion Ratio Lower Upper
 120 100
 91 496.8 388.1 582.1



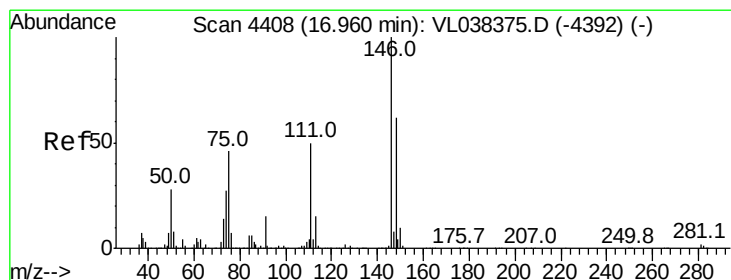
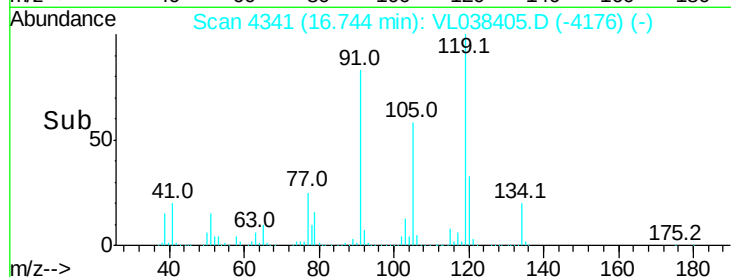
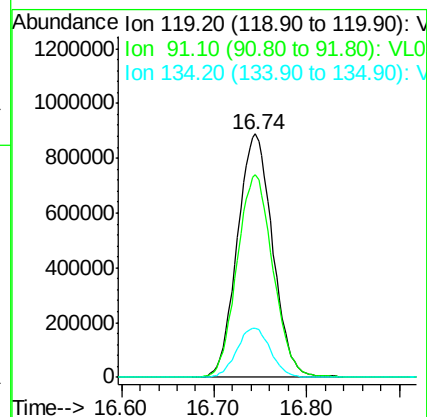
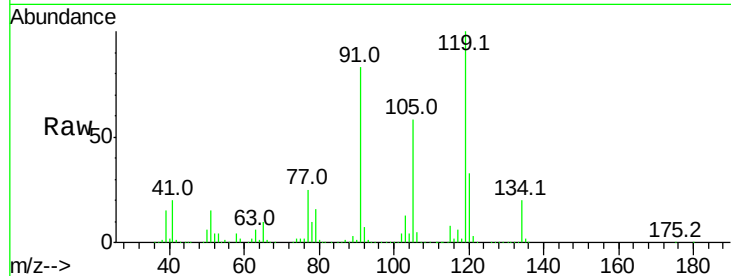


#65
 tert-Butylbenzene
 Concen: 8.47 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion: 119.1
 Ion Ratio: 100
 91 84.1
 134 19.2

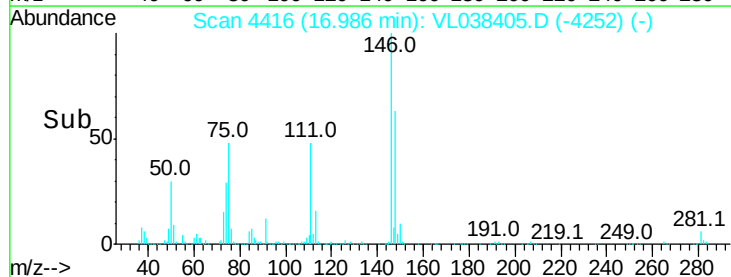
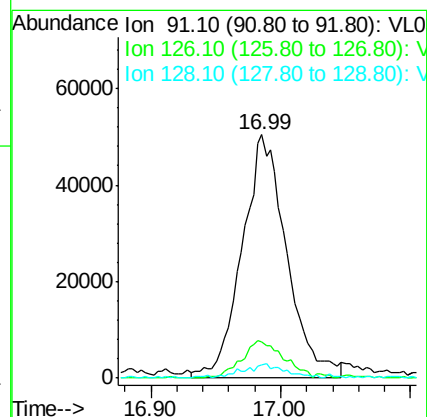
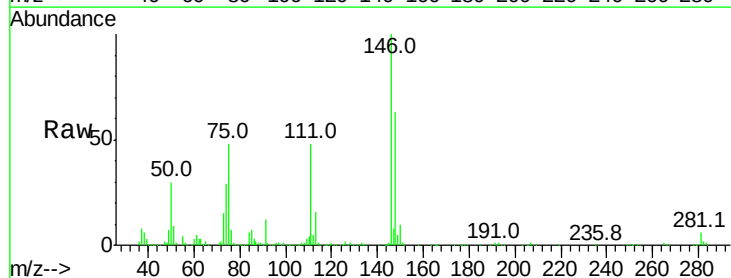
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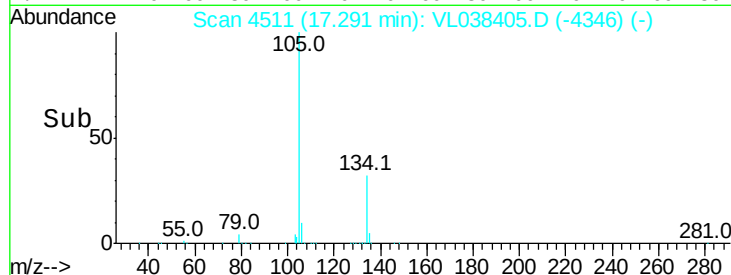
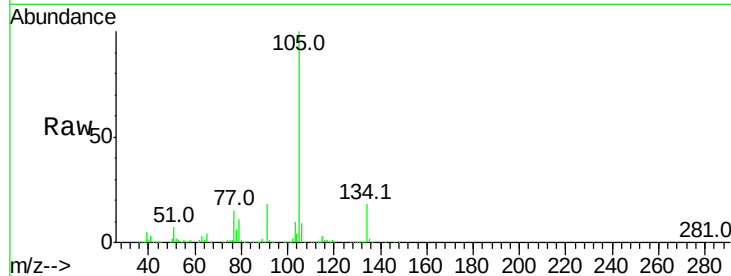
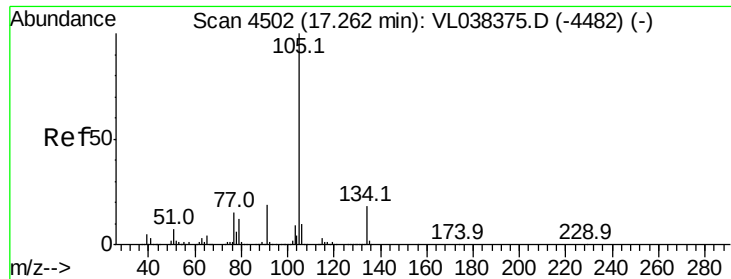
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022



#66
 Benzyl Chloride
 Concen: 8.08 ppbv m
 RT: 16.99 min Scan# 4416
 Delta R.T.: 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 120823
 Ion Ratio Lower Upper
 91 100
 126 14.8 12.3 18.5
 128 6.0 4.2 6.4



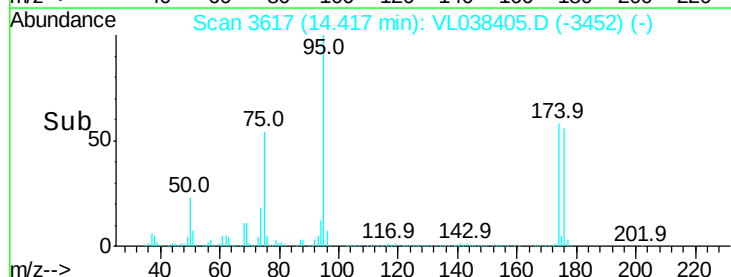
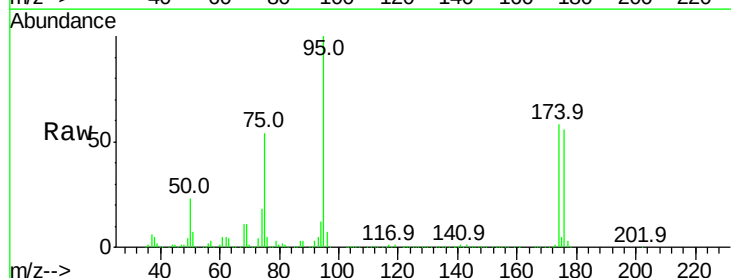
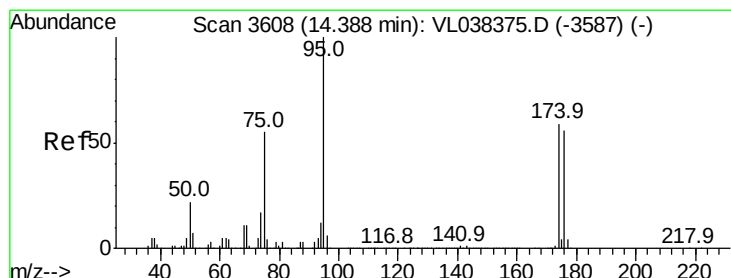
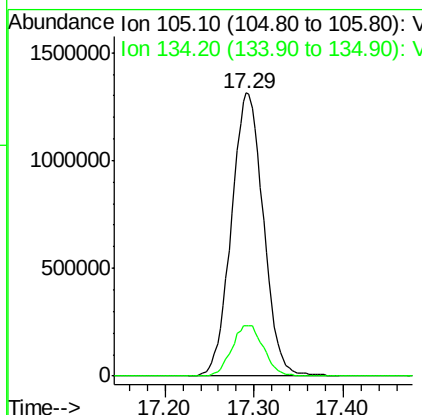


#67
 sec-Butylbenzene
 Concen: 8.33 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion: 1
 Ion Ratio
 105 100
 134 17.

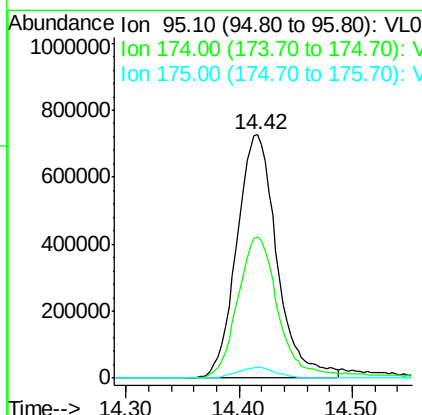
Manual Integrations
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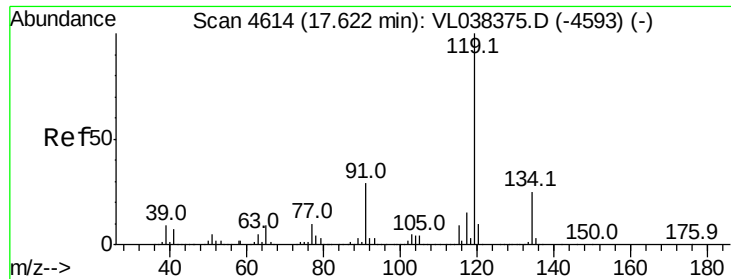
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.11 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 95 Resp: 1793179
 Ion Ratio Lower Upper
 95 100
 174 60.6 49.0 73.4
 175 4.4 3.6 5.4



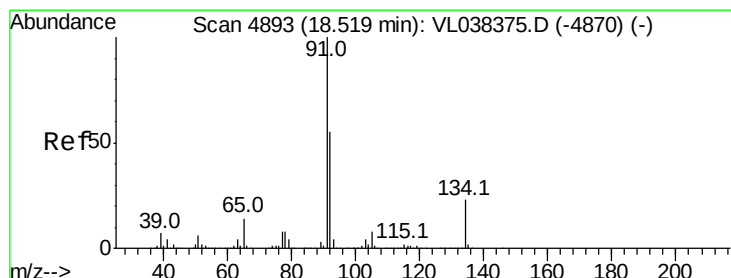
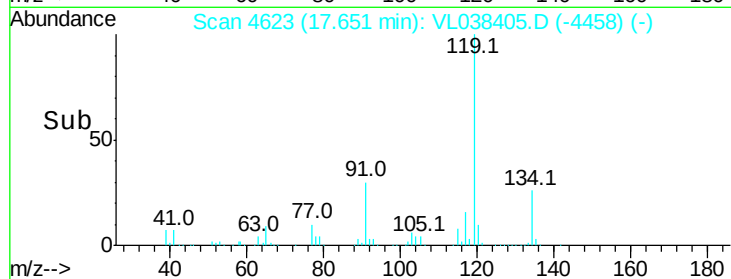
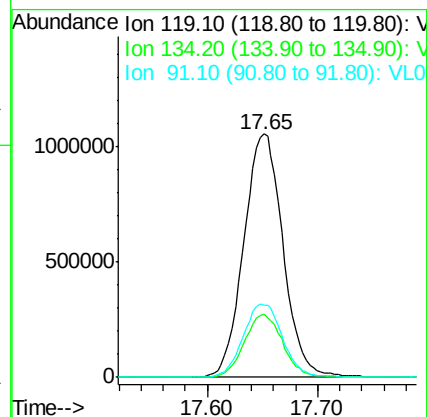
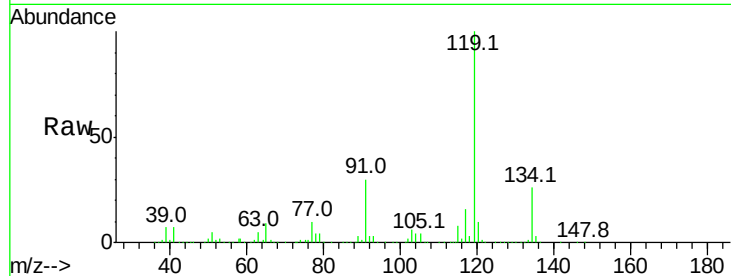


#69
 p-Isopropyltoluene
 Concen: 8.43 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:16

Tgt Ion: 119.1
 Ion Ratio
 119 100
 134 25.1
 91 30.1

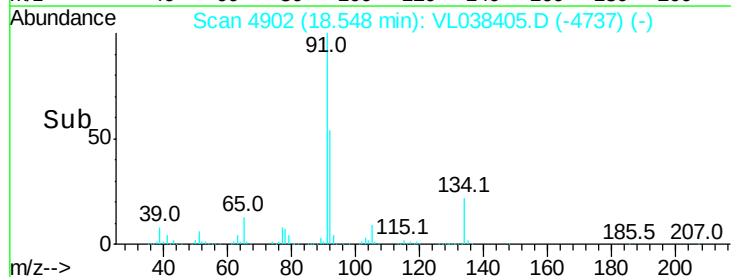
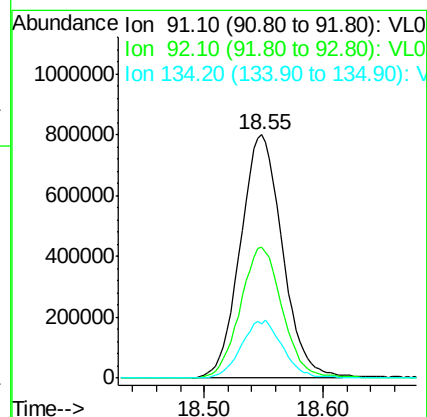
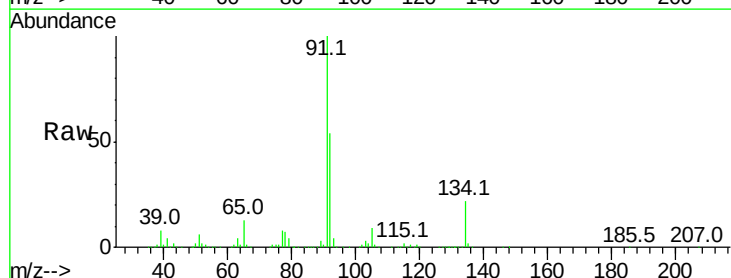
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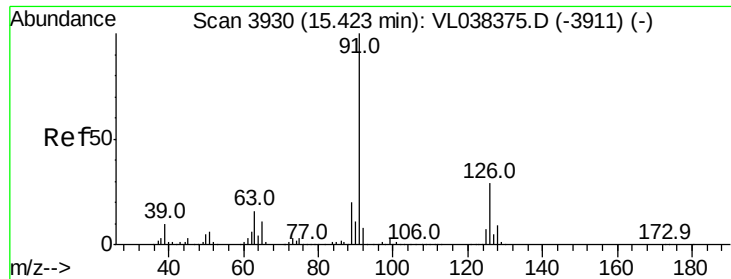
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#70
 n-Butylbenzene
 Concen: 6.10 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 91 Resp: 1943476
 Ion Ratio Lower Upper
 91 100
 92 54.6 43.1 64.7
 134 23.6 17.4 26.0



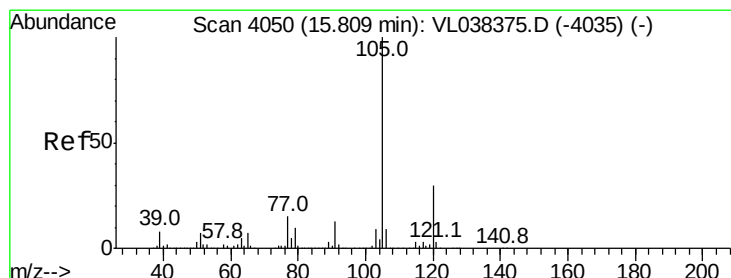
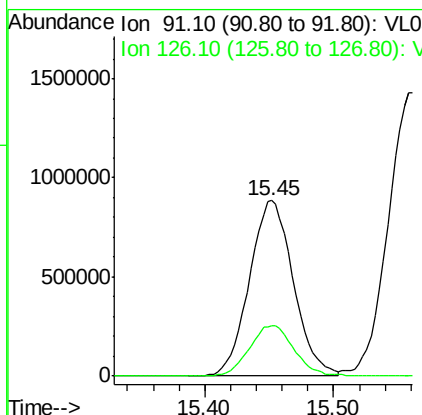
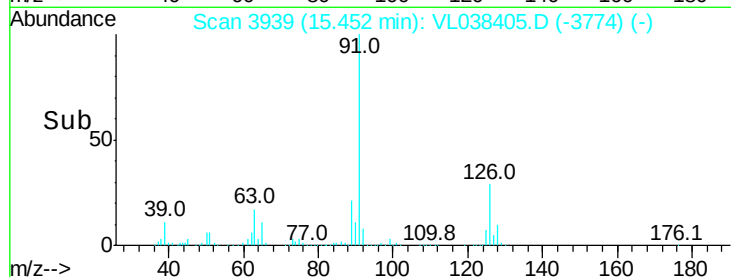
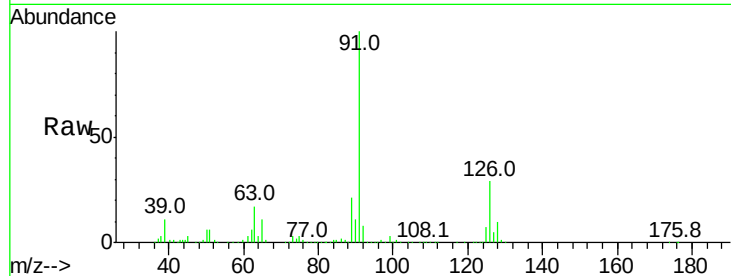


#71
 2-Chlorotoluene
 Concen: 8.57 ppbv
 RT: 15.45
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 23 Feb 2022 11:10

Tgt Ion:
 Ion Ratio
 91 100
 126 29.

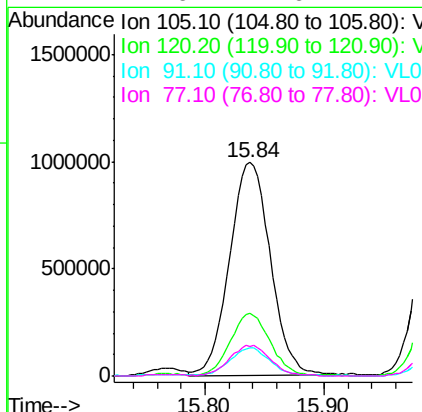
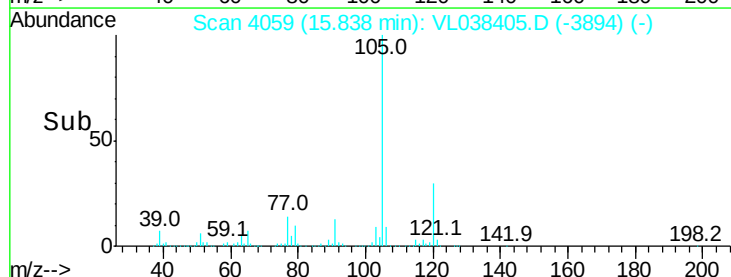
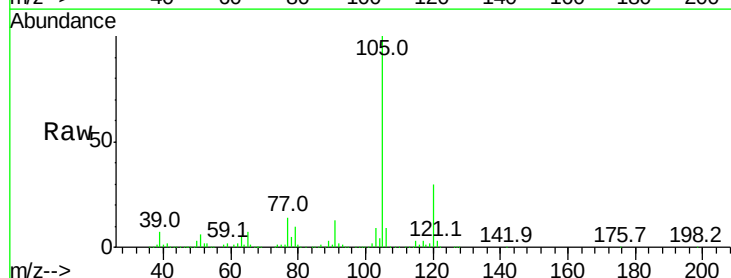
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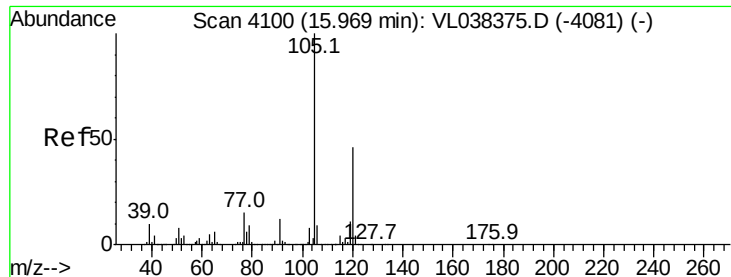
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#72
 4-Ethyltoluene
 Concen: 8.96 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion:105 Resp: 2350881
 Ion Ratio Lower Upper
 105 100
 120 29.3 23.4 35.2
 91 12.9 10.4 15.6
 77 14.6 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 8.67 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:10

Tgt Ion:1

Ion Ratio

105 100

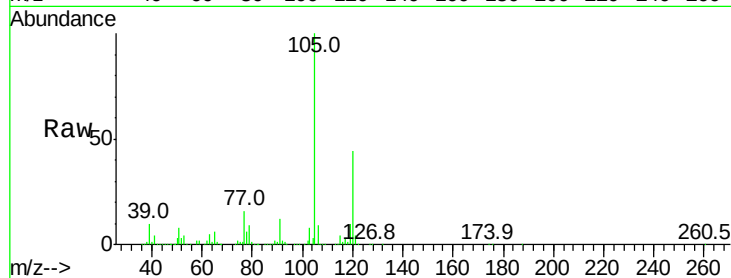
120 44.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

16.00

800000

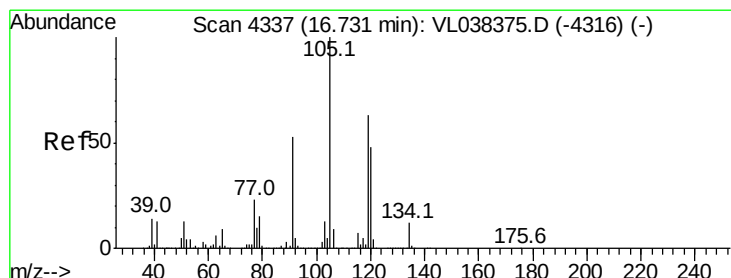
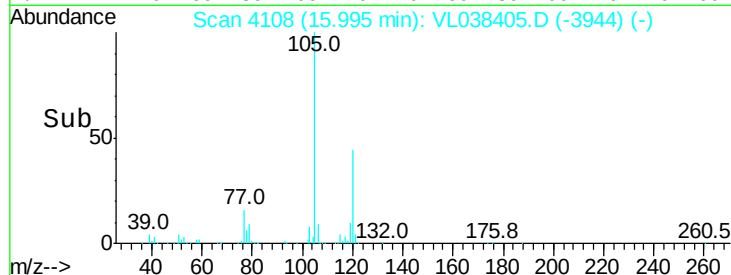
600000

400000

200000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 8.47 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.03 min

Lab File: VL038405.D

Acq: 23 Feb 2022 11:16

Tgt Ion:105 Resp: 2130234

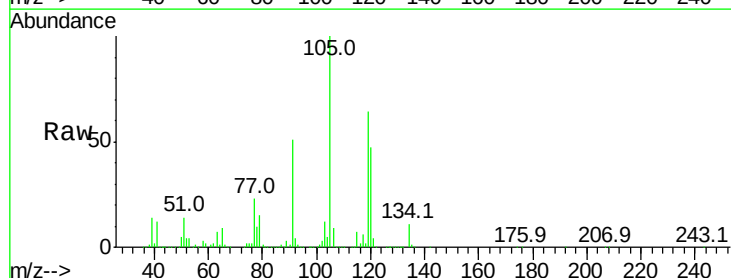
Ion Ratio Lower Upper

105 100

120 47.1 38.2 57.4

91 50.9 42.7 64.1

77 22.7 18.5 27.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

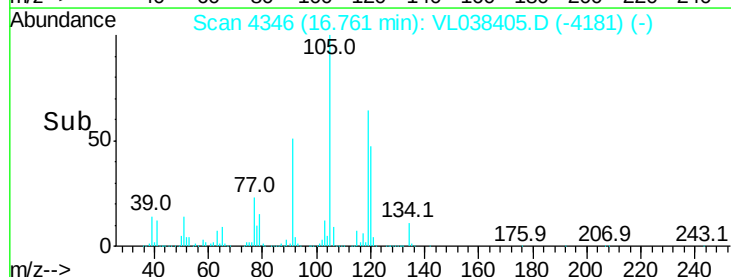
16.76

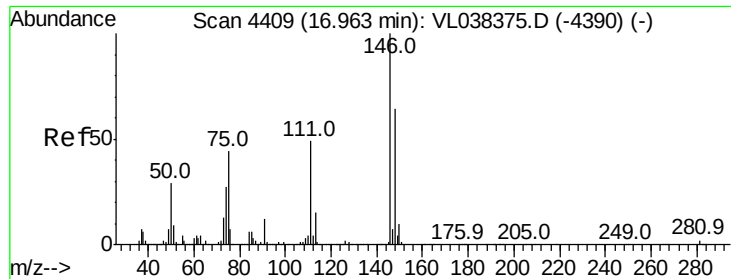
1000000

500000

0

Time-->



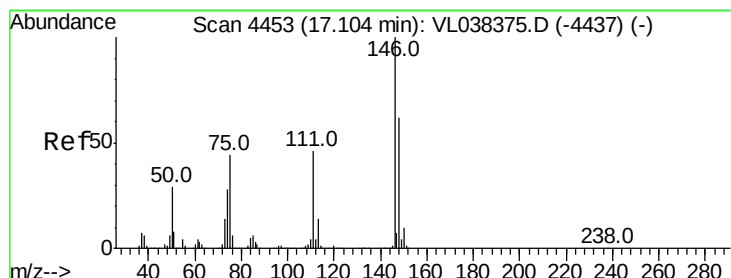
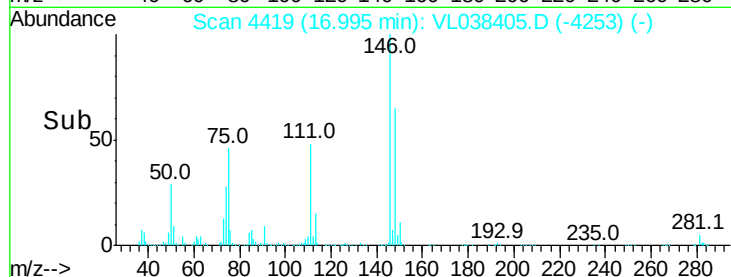
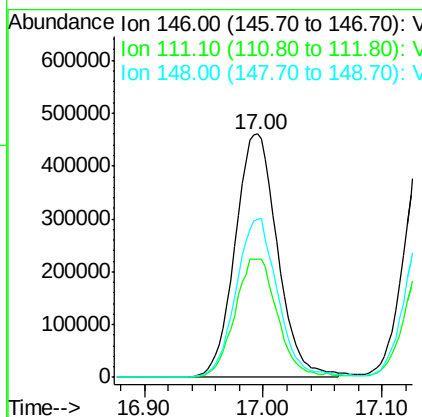
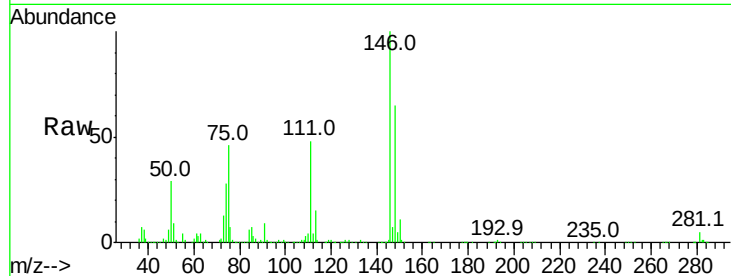


#75
 1,3-Dichlorobenzene
 Concen: 8.03 ppbv
 RT: 17.00 min
 Delta R.T. 0.03 min
 Lab File: VSTDCCC010
 Acq: 23 Feb 2022 11:10

Tgt Ion: 146
 Ion Ratio: 100
 146 100
 111 49.1
 148 64.1

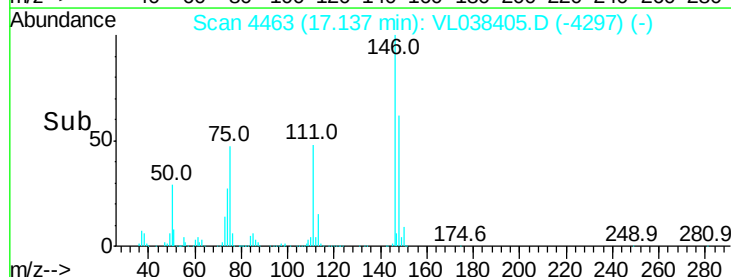
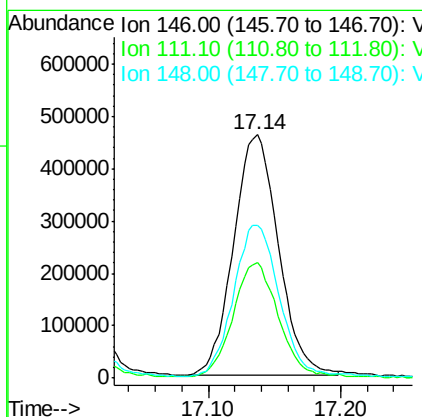
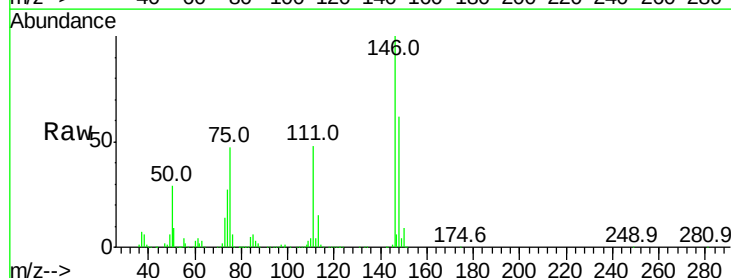
Manual Integrations
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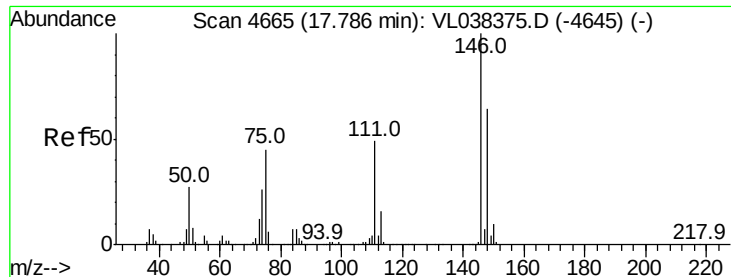
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/03/2022



#76
 1,4-Dichlorobenzene
 Concen: 7.84 ppbv
 RT: 17.14 min Scan# 4463
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion: 146 Resp: 1088234
 Ion Ratio Lower Upper
 146 100
 111 48.9 24.1 72.2
 148 66.3 32.8 98.4



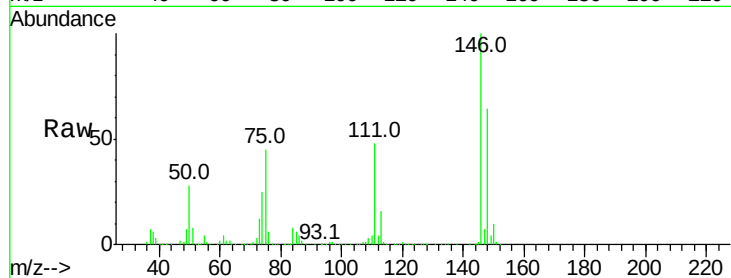


#77
 1,2-Dichlorobenzene
 Concen: 7.90 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 11:10

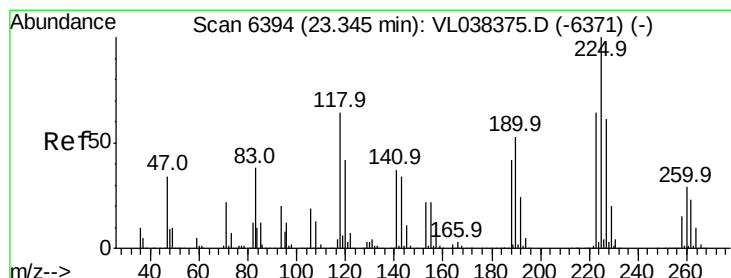
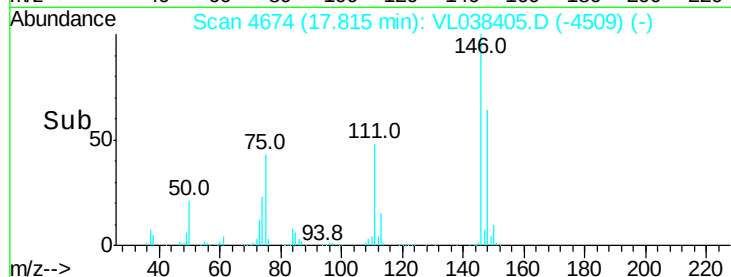
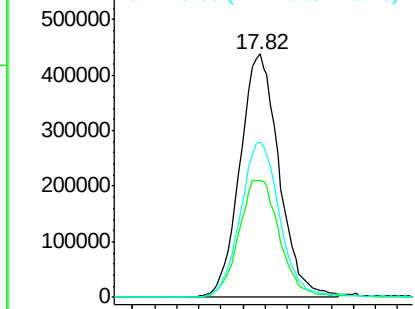
Tgt Ion:1
 Ion Rati
 146 100
 111 50.
 148 64.

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

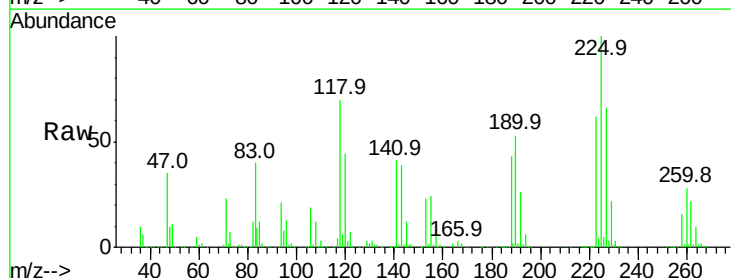


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

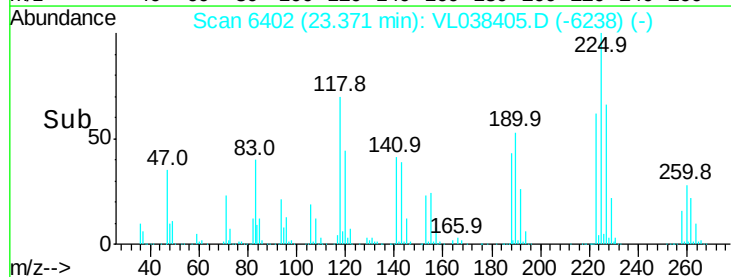
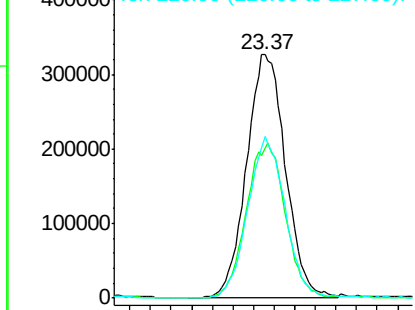


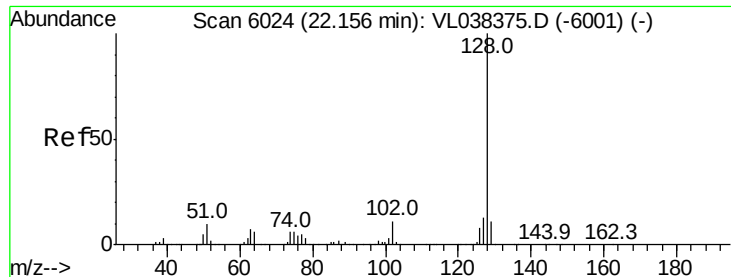
#78
 Hexachloro-1,3-Butadiene
 Concen: 8.27 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. 0.03 min
 Lab File: VL038405.D
 Acq: 23 Feb 2022 11:16

Tgt Ion:225 Resp: 855387
 Ion Ratio Lower Upper
 225 100
 223 64.4 52.0 78.0
 227 64.0 51.6 77.4



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V



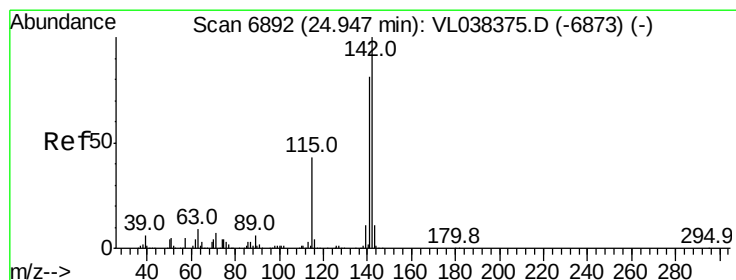
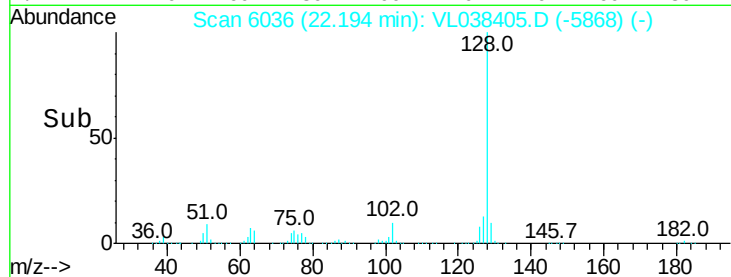
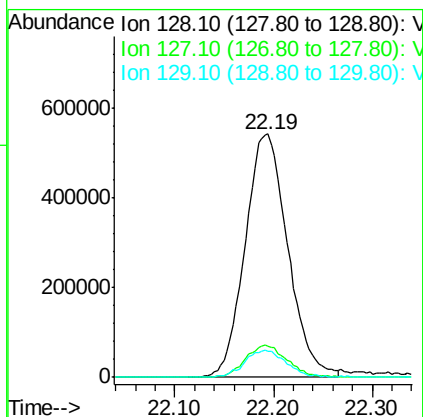
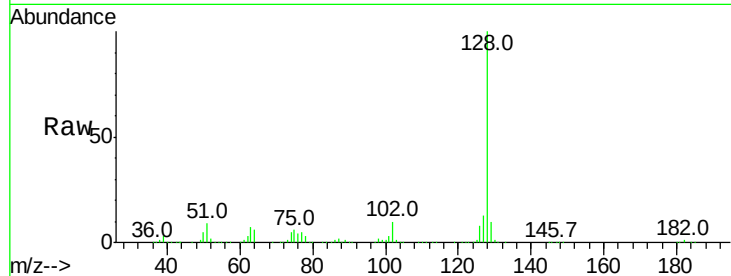


#79
Naphthalene
Concen: 11.88 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 23 Feb 2022 11:16

Tgt Ion:1
Ion Ratio
128 100
127 12.
129 10.

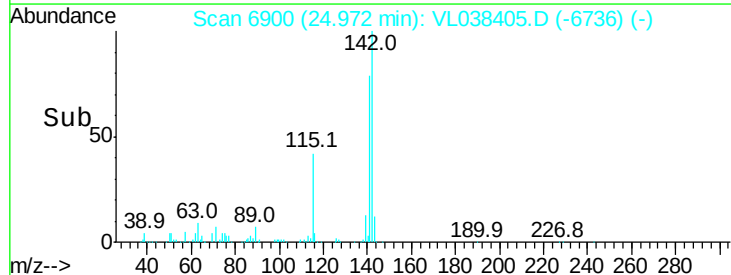
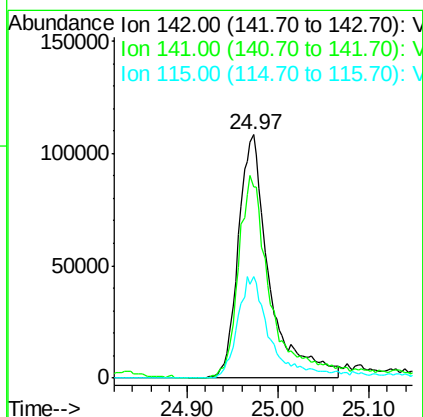
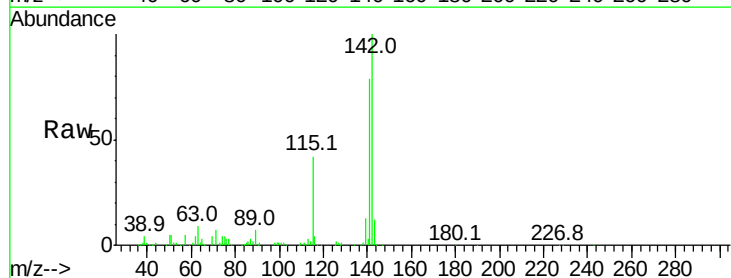
Manual Integrations
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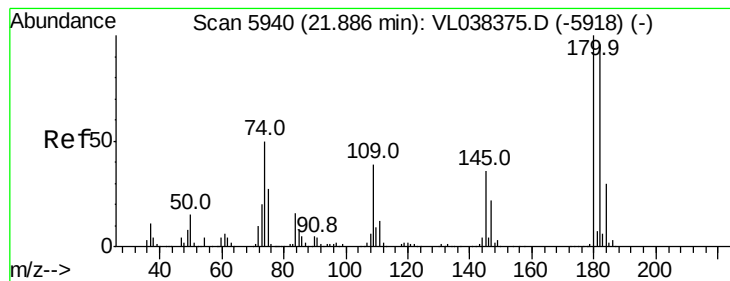
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#80
Naphthalene, 2-methyl-
Concen: 9.63 ppbv
RT: 24.97 min Scan# 6900
Delta R.T. 0.03 min
Lab File: VL038405.D
Acq: 23 Feb 2022 11:16

Tgt Ion:142 Resp: 256417
Ion Ratio Lower Upper
142 100
141 93.7 69.8 104.6
115 46.0 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 10.49 ppbv

RT: 21.92

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 23 Feb 2022 11:10

Tgt Ion:1

Ion Rati

180 100

182 97.

184 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022

