

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030822\
 Data File : VL038555.D
 Acq On : 8 Mar 2022 12:26
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Quant Time: Mar 08 14:08:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

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

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	908429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2353909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2141313	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1602027	9.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.04	85	146737	1.02	ppbv	94
3) Chlorodifluoromethane	2.98	51	169901	1.06	ppbv	98
4) Chloromethane	3.14	50	62756	1.13	ppbv	98
5) Vinyl Chloride	3.26	62	58802m	1.01	ppbv	
6) Bromomethane	3.47	94	33841m	1.10	ppbv	
7) Chloroethane	3.55	64	19515	1.04	ppbv	89
8) Dichlorotetrafluoroethane	3.19	85	144469	1.08	ppbv	100
9) Propene	3.01	41	59211	1.12	ppbv	99
10) Heptane	8.11	43	141364	1.10	ppbv	99
11) Trichlorofluoromethane	3.94	101	126356	0.92	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.48	101	98077	0.97	ppbv	100
13) Ethanol	3.62	45	7399m	1.40	ppbv	
14) Bromoethene	3.74	108	43142	1.07	ppbv	99
15) Acetone	3.85	43	68264m	0.88	ppbv	
16) 1,3-Butadiene	3.32	39	55614m	1.08	ppbv	
17) tert-Butyl alcohol	4.29	59	77235m	1.00	ppbv	
18) 1,1-Dichloroethene	4.29	96	43785	0.99	ppbv	98
19) Isopropyl Alcohol	3.98	45	49872m	1.11	ppbv	
20) Methylene Chloride	4.34	84	41402	1.08	ppbv	93
21) Allyl Chloride	4.41	41	59856	0.92	ppbv	92
22) trans-1,2-Dichloroethene	4.88	96	45653m	1.02	ppbv	
23) Vinyl Acetate	5.07	43	89505	0.87	ppbv	98
24) 1,1-Dichloroethane	5.00	63	85971	0.93	ppbv	98
25) Ethyl Acetate	5.68	43	223431	1.08	ppbv	98
26) Hexane	5.68	57	104032	1.11	ppbv	92
27) Carbon Disulfide	4.55	76	98358	0.94	ppbv #	94
28) Methyl tert-Butyl Ether	5.03	73	83240	0.87	ppbv	96
29) Chloroform	5.74	83	163055	1.06	ppbv	93
30) Cyclohexane	7.12	84	90006	1.17	ppbv #	78
31) cis-1,2-Dichloroethene	5.54	61	98377m	1.08	ppbv	
32) 1,1,1-Trichloroethane	6.50	97	154163	1.00	ppbv	98
34) 2-Butanone	5.24	43	58977	0.80	ppbv	92
35) Carbon Tetrachloride	7.01	117	157327	0.95	ppbv	98
36) Benzene	6.88	78	223756	1.08	ppbv	97
37) 1,2-Dichloroethane	6.29	62	105461	0.88	ppbv	99
38) Trichloroethene	7.82	130	86988m	1.15	ppbv	
39) 1,2-Dichloropropane	7.60	63	85756	1.04	ppbv	96
40) 1,4-Dioxane	7.84	88	21329	1.09	ppbv	83
41) Tetrahydrofuran	6.06	42	51869m	1.04	ppbv	
42) Bromodichloromethane	7.78	83	166343	0.96	ppbv	98
43) Methyl Methacrylate	8.01	69	74083	1.03	ppbv	99

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Instrument :
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 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Quant Time: Mar 08 14:08:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822A

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

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	389592	1.09	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	49223m	0.85	ppbv	
46) cis-1,3-Dichloropropene	8.69	75	68776	0.91	ppbv	94
47) 1,1,2-Trichloroethane	9.46	97	88869m	1.08	ppbv	
48) Dibromochloromethane	10.29	129	134431	1.00	ppbv	100
49) Bromoform	13.02	173	99149	1.00	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	122695	0.94	ppbv	100
51) 2-Hexanone	10.14	43	53621m	0.92	ppbv	
52) Tetrachloroethene	11.21	164	77371	1.12	ppbv	96
53) Toluene	9.79	91	232943	1.04	ppbv	100
54) 1,2-Dibromoethane	10.59	107	118277m	1.02	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.11	131	92053	1.03	ppbv #	1
57) Chlorobenzene	12.13	112	170316	1.03	ppbv	98
58) Ethyl Benzene	12.69	91	292929	1.00	ppbv	97
59) m/p-Xylene	12.98	91	512959m	2.04	ppbv	
60) o-Xylene	13.68	91	238247	1.00	ppbv	99
61) Styrene	13.51	104	110175	1.00	ppbv	97
62) Isopropylbenzene	14.65	105	330165	1.03	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	180951	0.94	ppbv	97
64) n-propylbenzene	15.55	120	81262	1.03	ppbv	84
65) tert-Butylbenzene	16.73	119	298208	1.08	ppbv	96
66) Benzyl Chloride	16.97	91	15244m	1.02	ppbv	
67) sec-Butylbenzene	17.28	105	416988	1.06	ppbv	99
69) p-Isopropyltoluene	17.63	119	349426	1.14	ppbv	100
70) n-Butylbenzene	18.54	91	363975	1.14	ppbv	98
71) 2-Chlorotoluene	15.44	91	244516	1.00	ppbv	99
72) 4-Ethyltoluene	15.82	105	268643	1.03	ppbv	98
73) 1,3,5-Trimethylbenzene	15.98	105	256065m	1.08	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	276103	1.10	ppbv #	86
75) 1,3-Dichlorobenzene	16.98	146	168394m	1.20	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	166067m	1.20	ppbv	
77) 1,2-Dichlorobenzene	17.80	146	168723	1.25	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	178281	1.73	ppbv	99
79) Naphthalene	22.18	128	226138m	1.66	ppbv	
80) Naphthalene,2-methyl-	24.97	142	30774m	1.16	ppbv	
81) 1,2,4-Trichlorobenzene	21.90	180	144044m	1.75	ppbv	

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

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Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

Quant Time: Mar 08 14:08:10 2022

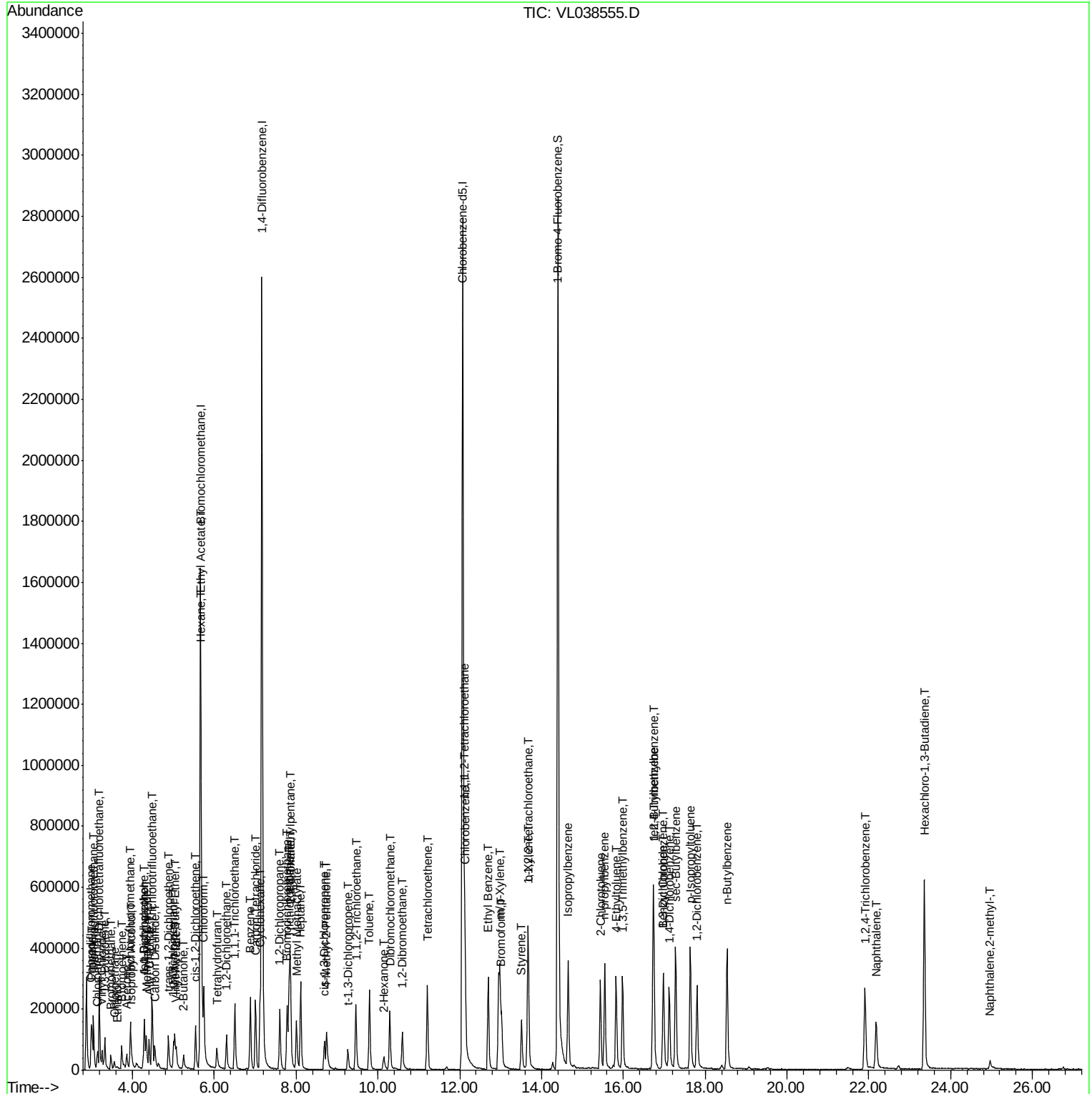
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822

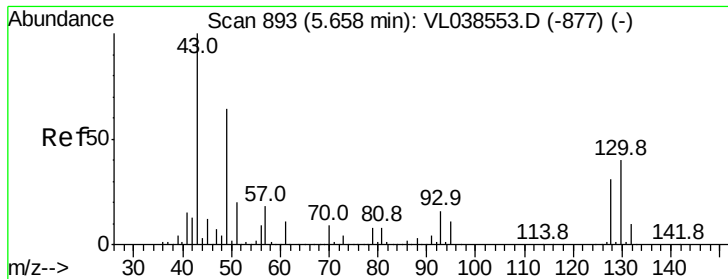
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 13:53:01 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:26 VSTDIC001

Tgt Ion:

Ion Ratio

49 100

128 52.

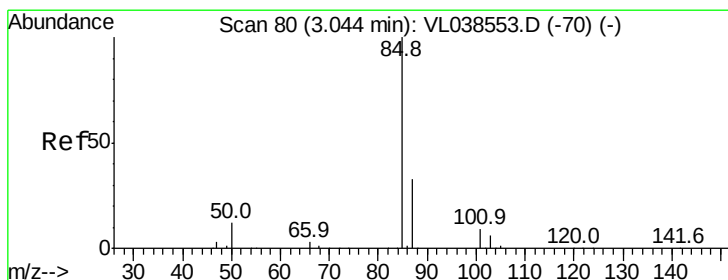
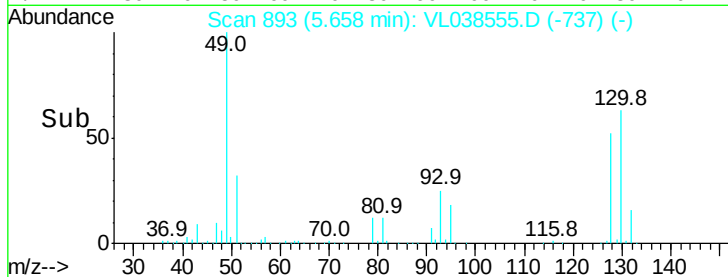
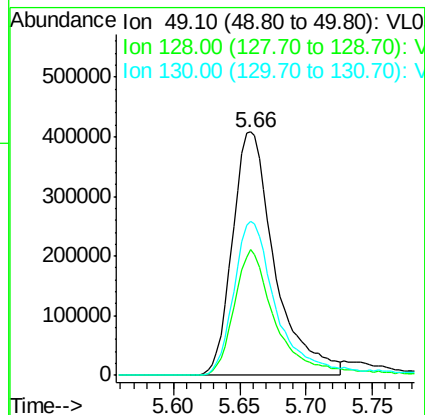
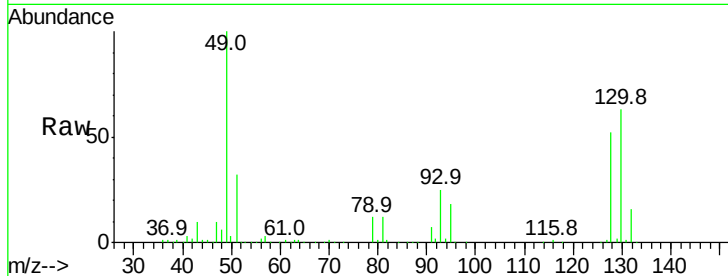
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 1.02 ppbv

RT: 3.04 min Scan# 80

Delta R.T. 0.00 min

Lab File: VL038555.D

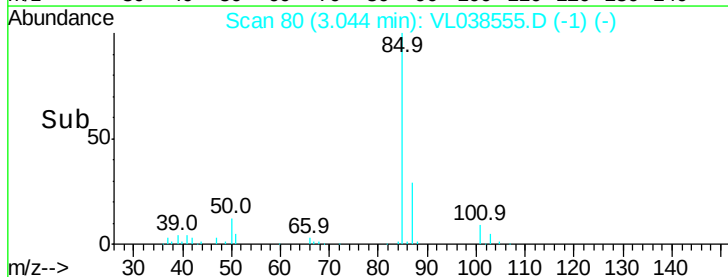
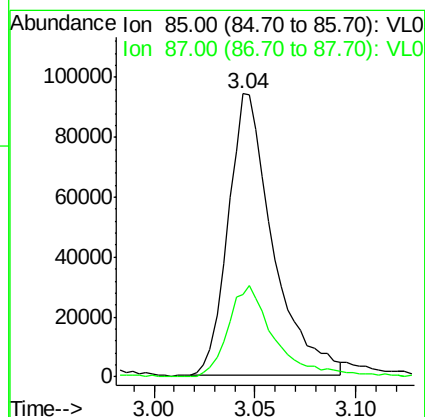
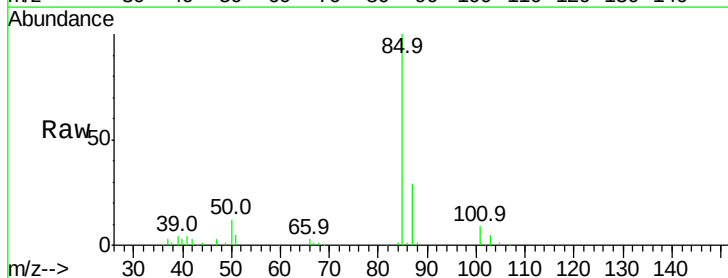
Acq: 8 Mar 2022 12:26

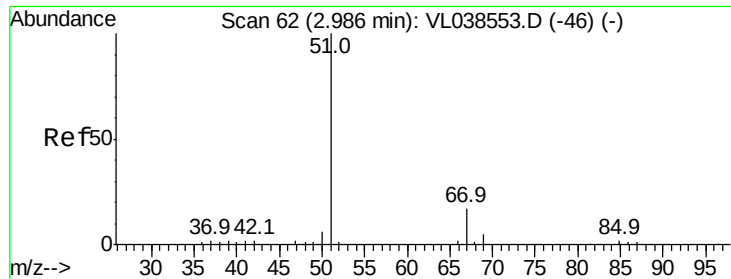
Tgt Ion: 85 Resp: 146737

Ion Ratio Lower Upper

85 100

87 29.1 26.2 39.2





#3

Chlorodifluoromethane

Concen: 1.06 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

51 100

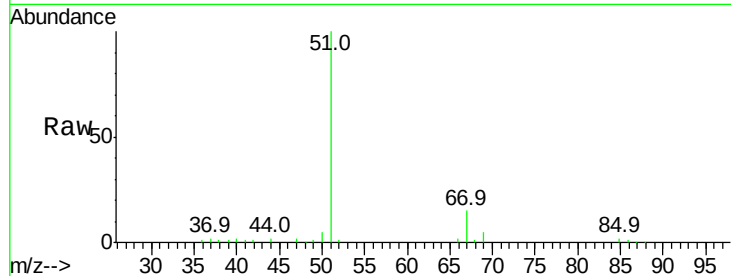
67 16.

Manual Integrations

APPROVED

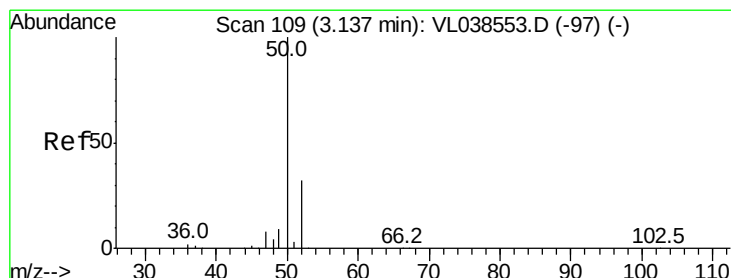
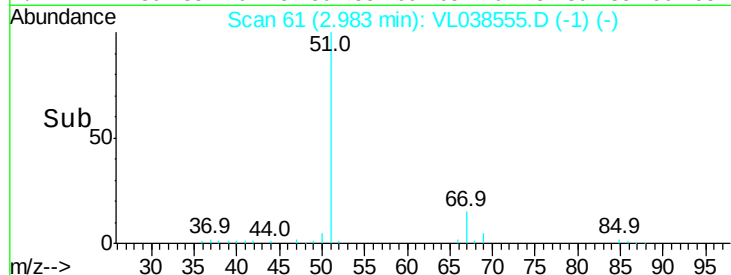
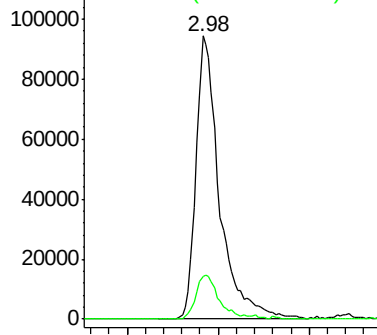
Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 1.13 ppbv

RT: 3.14 min Scan# 110

Delta R.T. 0.00 min

Lab File: VL038555.D

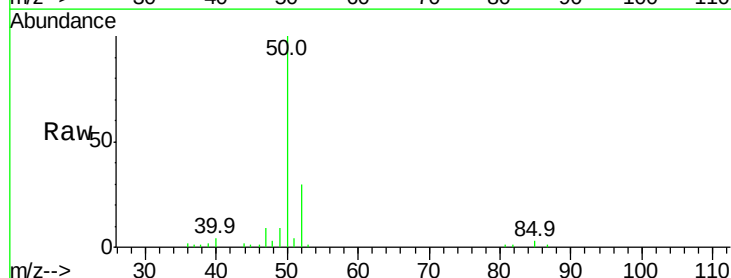
Acq: 8 Mar 2022 12:26

Tgt Ion: 50 Resp: 62756

Ion Ratio Lower Upper

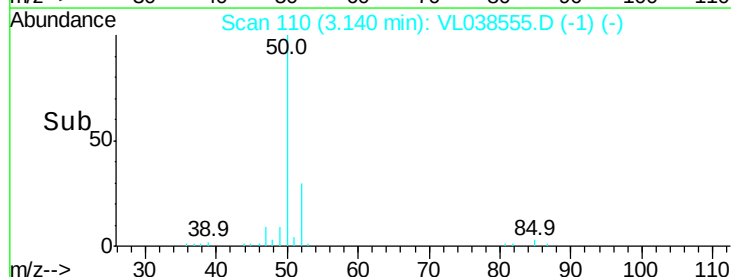
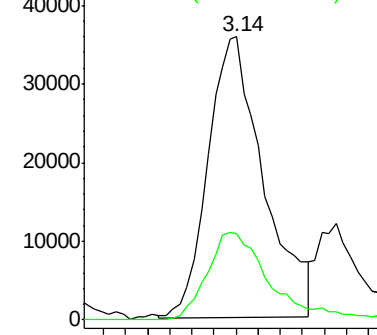
50 100

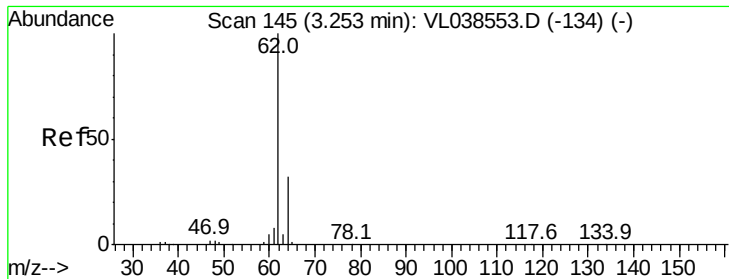
52 31.1 25.6 38.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 1.01 ppbv m

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:26 VSTDIC001

Tgt Ion:

Ion Ratio

62 100

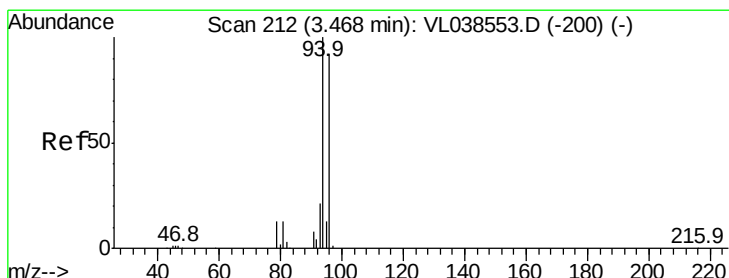
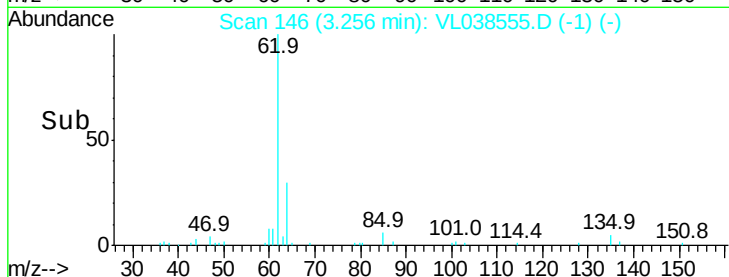
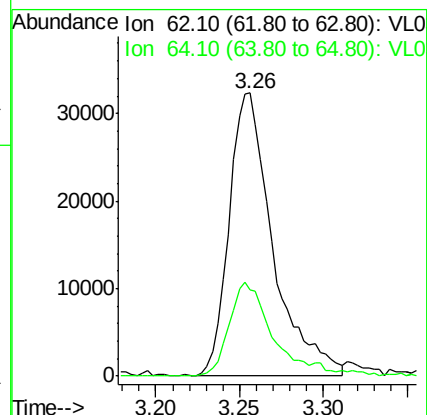
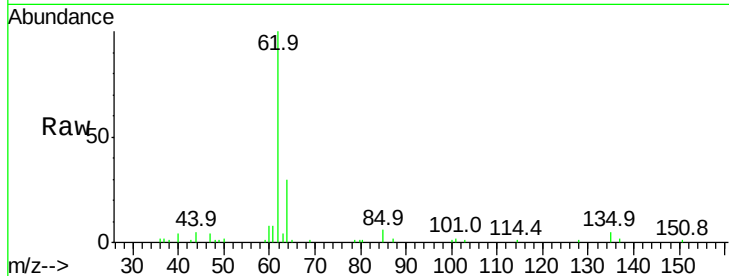
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 1.10 ppbv m

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL038555.D

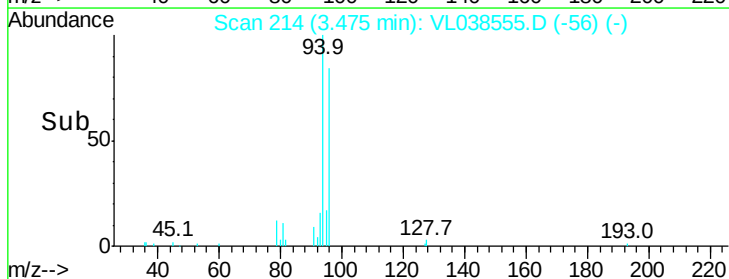
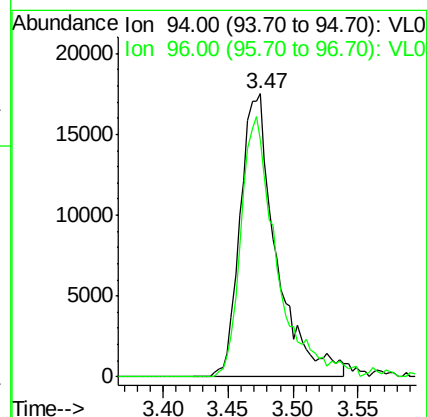
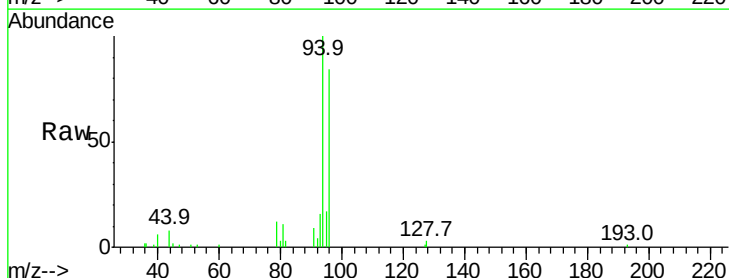
Acq: 8 Mar 2022 12:26

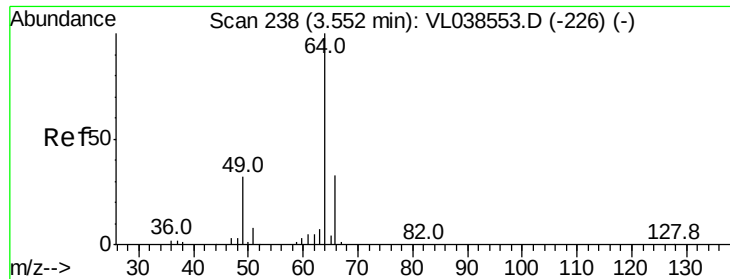
Tgt Ion: 94 Resp: 33841

Ion Ratio Lower Upper

94 100

96 83.8 73.7 110.5





#7

Chloroethane

Concen: 1.04 ppbv

RT: 3.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

64 100

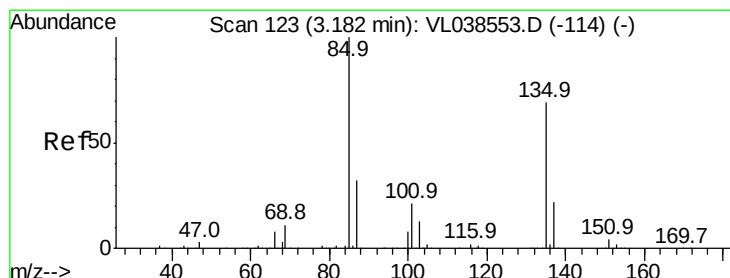
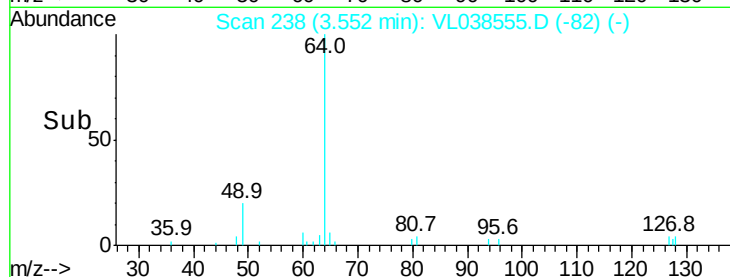
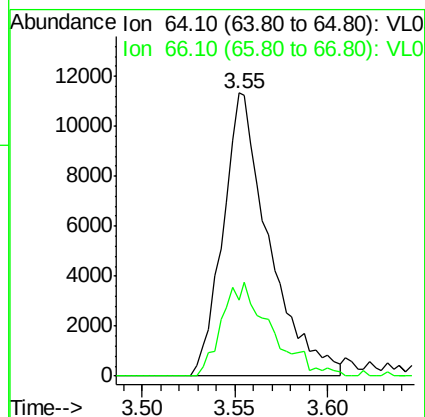
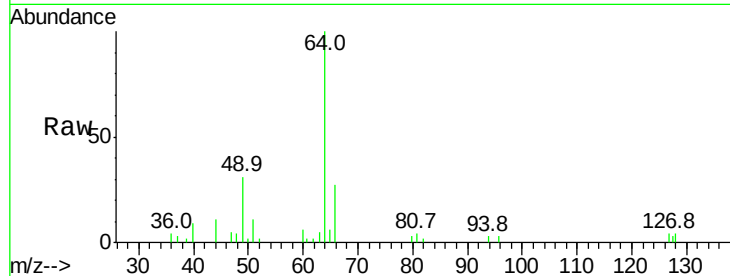
66 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 1.08 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.00 min

Lab File: VL038555.D

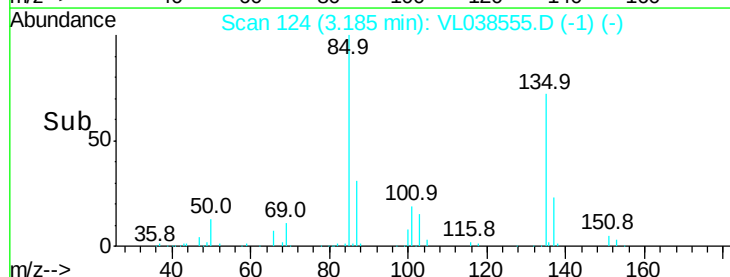
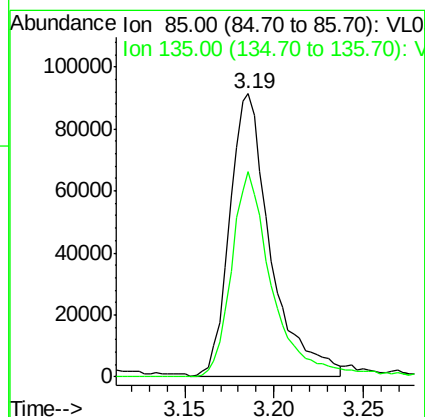
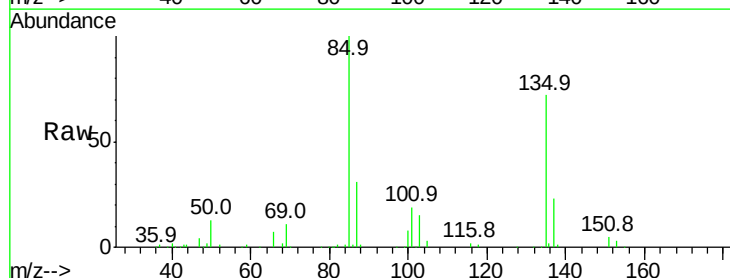
Acq: 8 Mar 2022 12:26

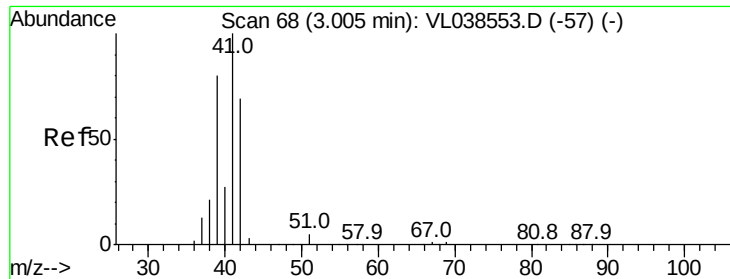
Tgt Ion: 85 Resp: 144469

Ion Ratio Lower Upper

85 100

135 73.9 59.0 88.4





#9

Propene

Concen: 1.12 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:26 VSTDIC001

Tgt Ion:

Ion Ratio

41 100

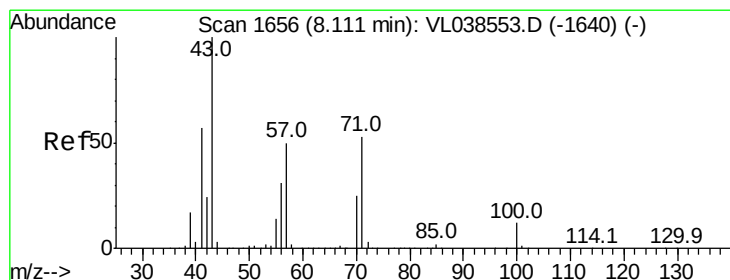
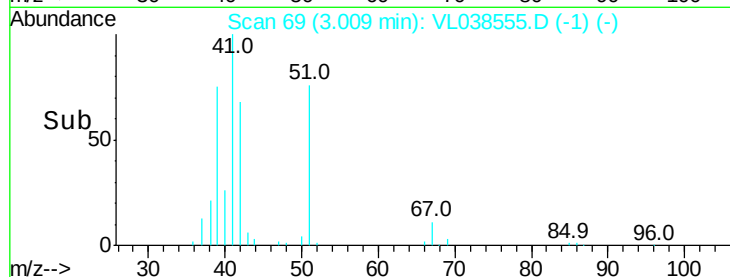
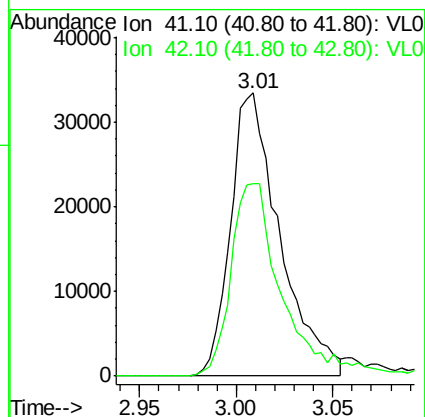
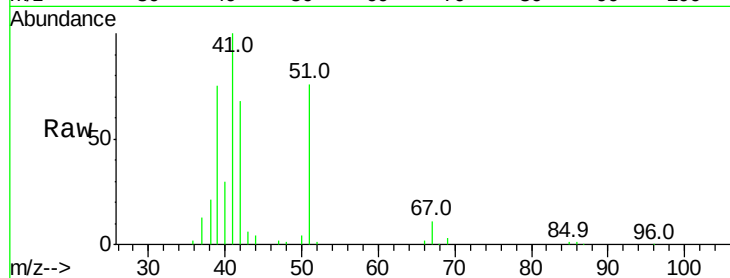
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 1.10 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.00 min

Lab File: VL038555.D

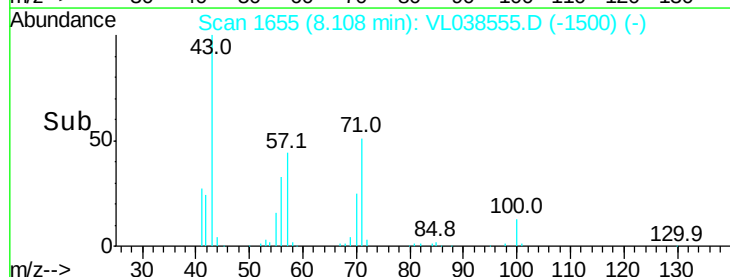
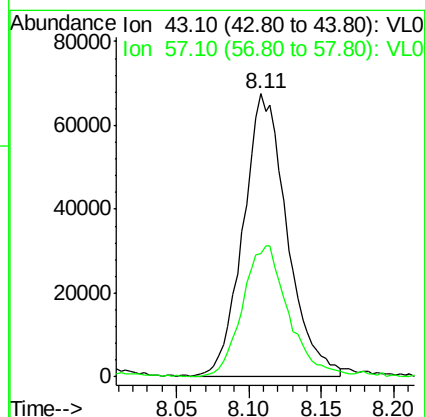
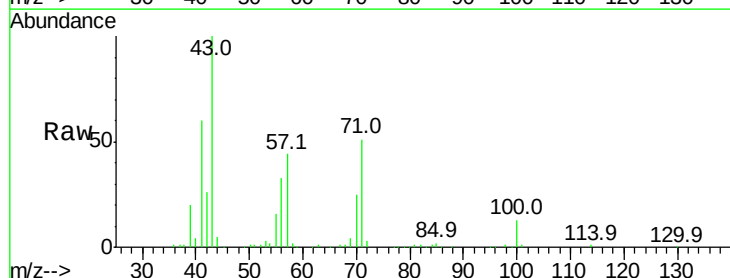
Acq: 8 Mar 2022 12:26

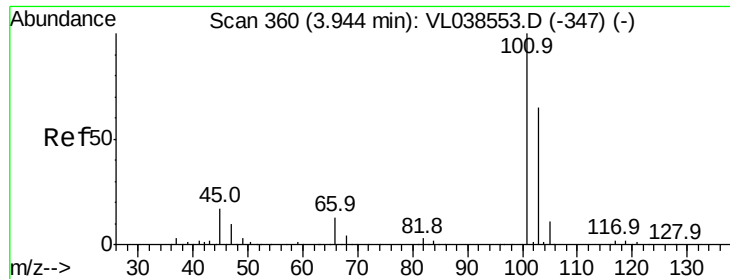
Tgt Ion: 43 Resp: 141364

Ion Ratio Lower Upper

43 100

57 50.0 39.6 59.4



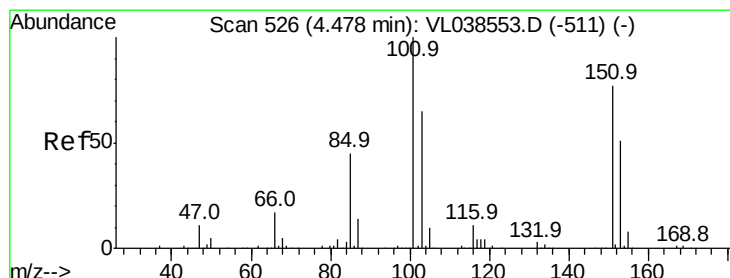
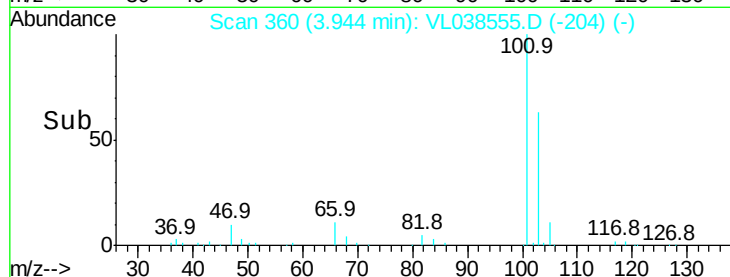
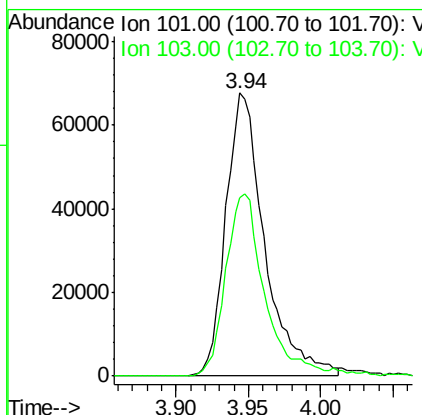
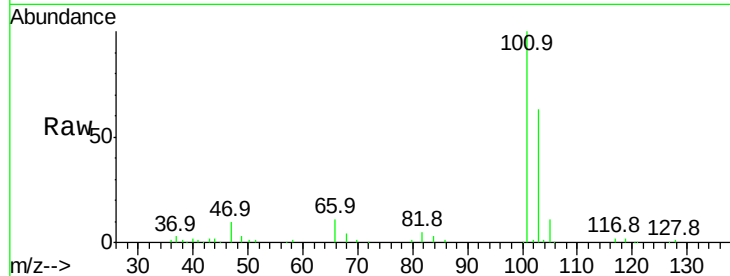


#11
 Trichlorofluoromethane
 Concen: 0.92 ppbv
 RT: 3.94
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:1
 Ion Rati
 101 100
 103 62.

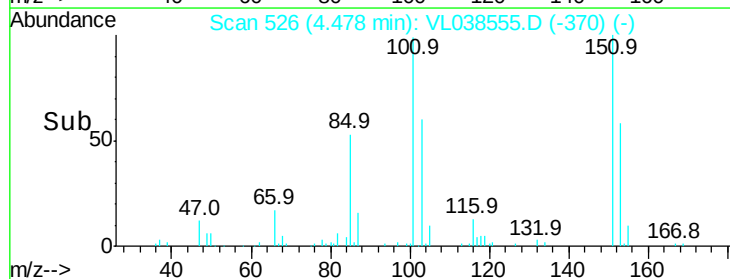
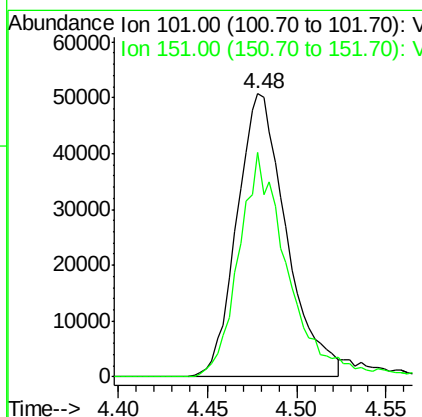
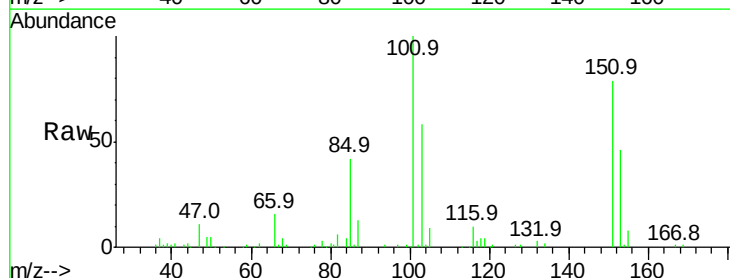
Manual Integrations
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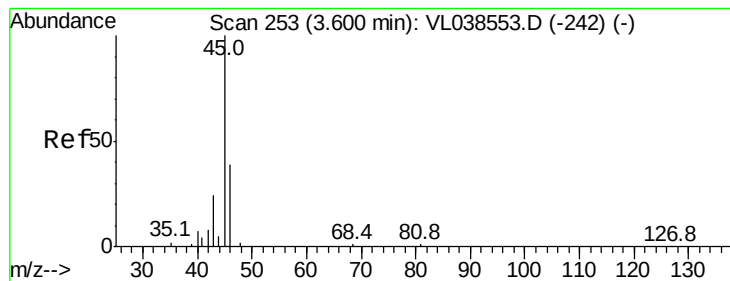
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.97 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion:101 Resp: 98077
 Ion Ratio Lower Upper
 101 100
 151 78.9 63.4 95.0





#13

Ethanol

Concen: 1.40 ppbv m

RT: 3.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

45 100

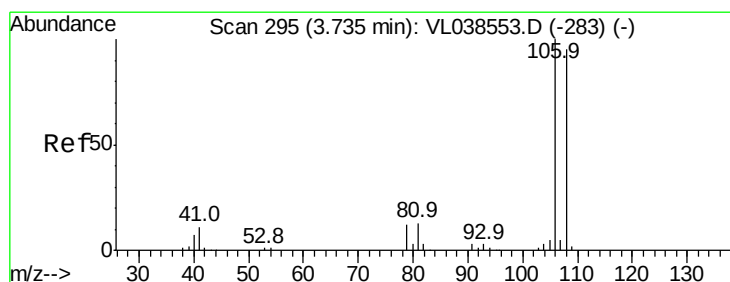
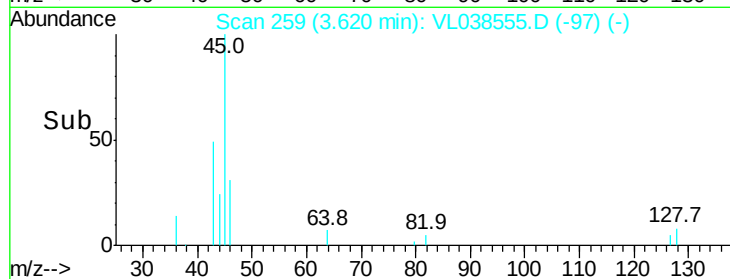
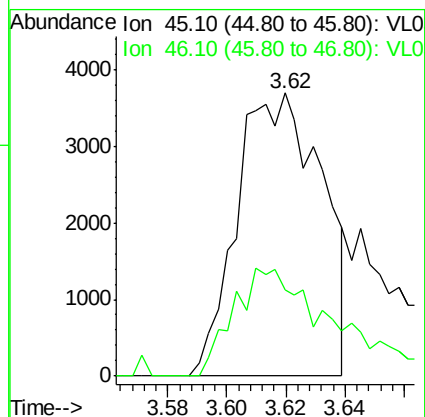
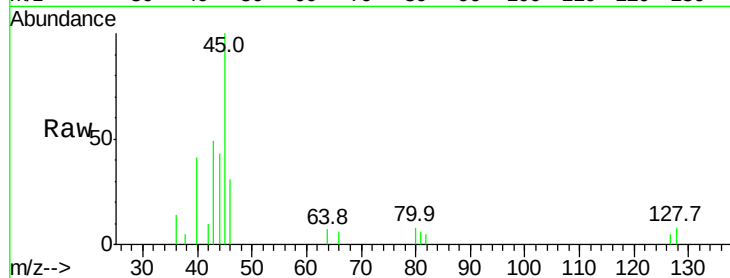
46 44.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#14

Bromoethene

Concen: 1.07 ppbv

RT: 3.74 min Scan# 295

Delta R.T. 0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

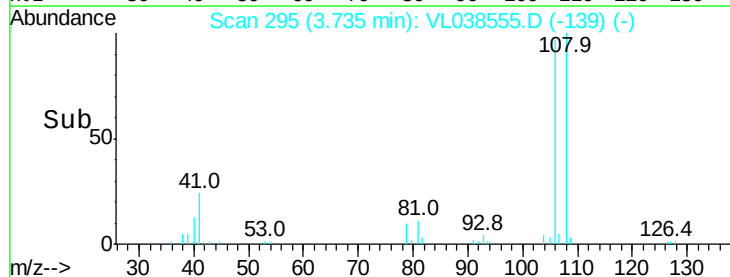
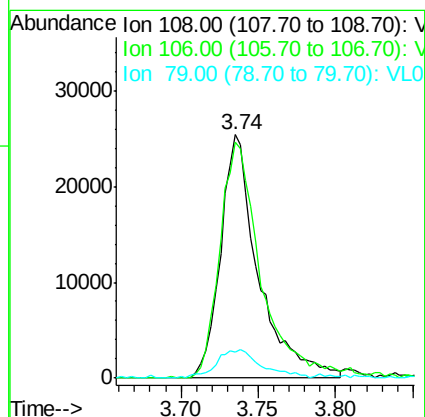
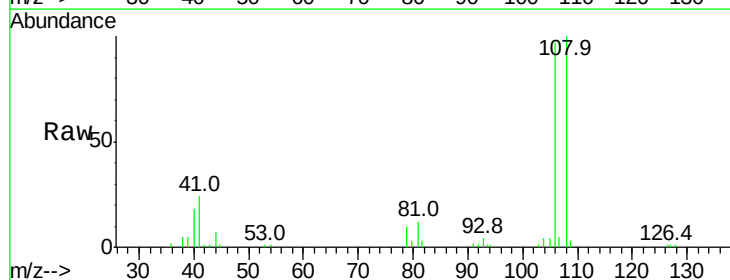
Tgt Ion:108 Resp: 43142

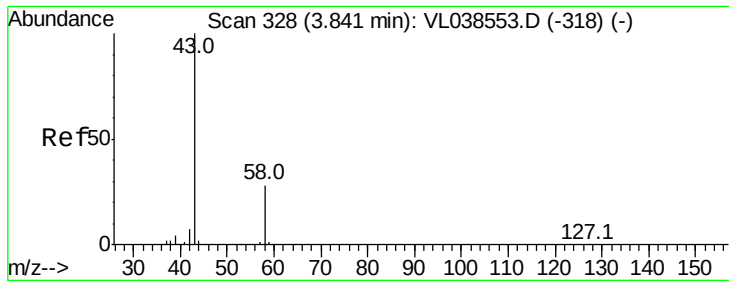
Ion Ratio Lower Upper

108 100

106 107.9 85.9 128.9

79 14.6 11.0 16.6





#15

Acetone

Concen: 0.88 ppbv m

RT: 3.85 Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC001

Acq: 8 Mar 2022 12:26

Tgt Ion:

Ion Ratio

43 100

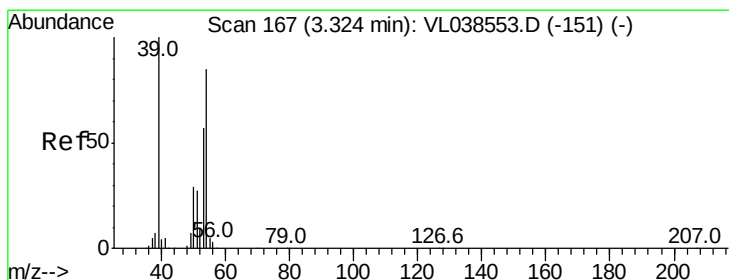
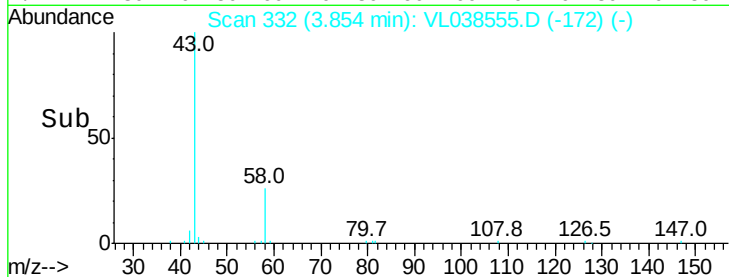
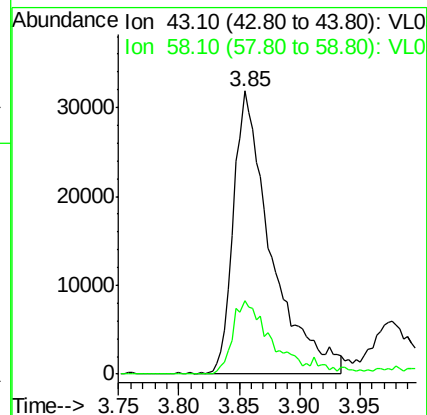
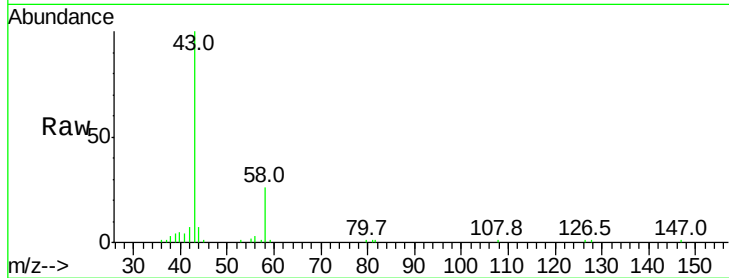
58 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#16

1,3-Butadiene

Concen: 1.08 ppbv m

RT: 3.32 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL038555.D

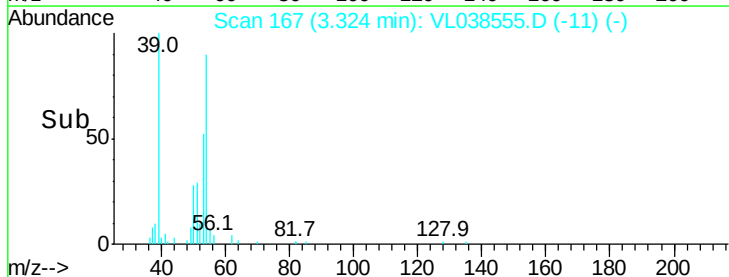
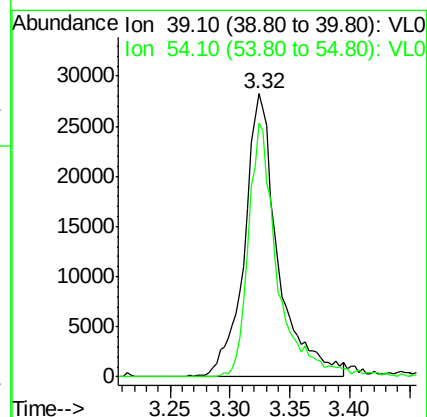
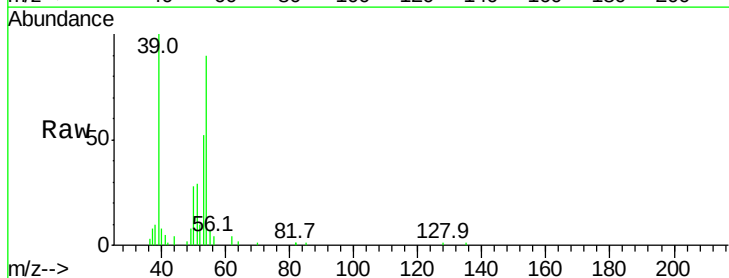
Acq: 8 Mar 2022 12:26

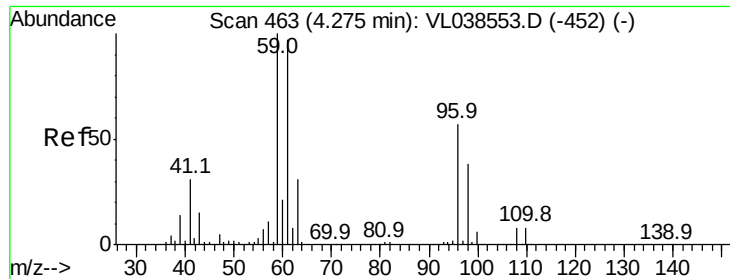
Tgt Ion: 39 Resp: 55614

Ion Ratio Lower Upper

39 100

54 78.0 64.2 96.2





#17

tert-Butyl alcohol

Concen: 1.00 ppbv m

RT: 4.29 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

59 100

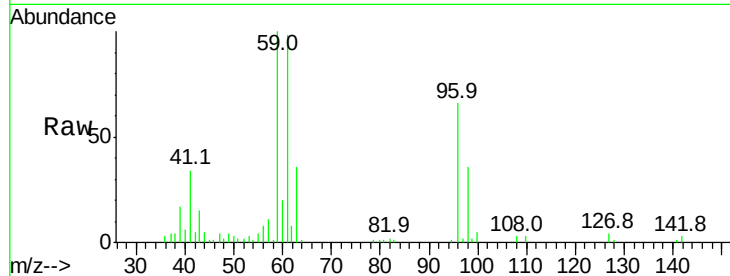
57 10.

Manual Integrations

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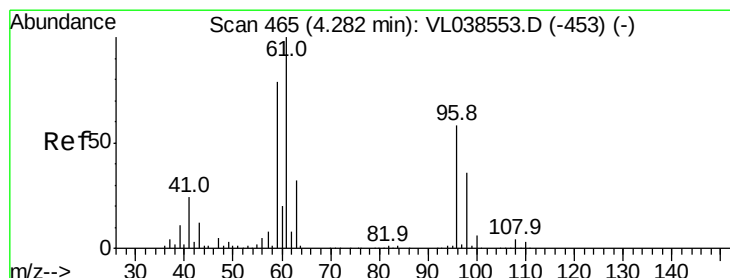
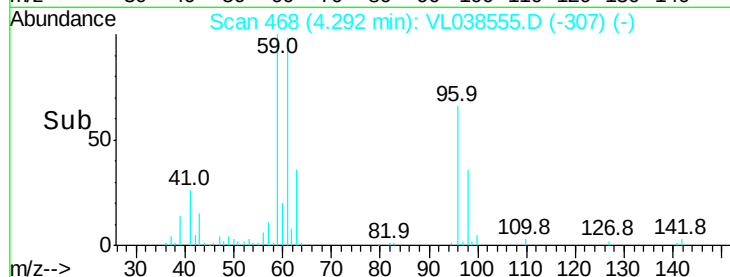
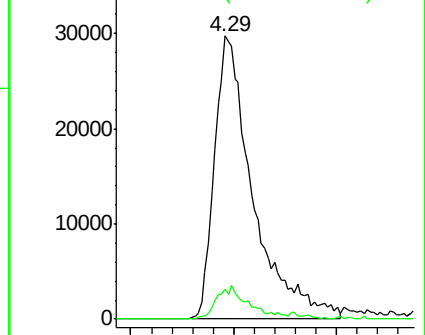
Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.99 ppbv

RT: 4.29 min Scan# 466

Delta R.T. 0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

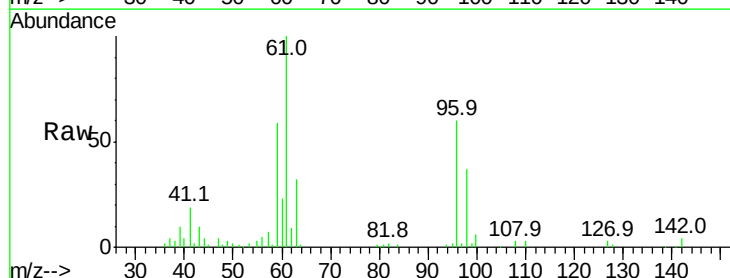
Tgt Ion: 96 Resp: 43785

Ion Ratio Lower Upper

96 100

61 167.4 137.4 206.0

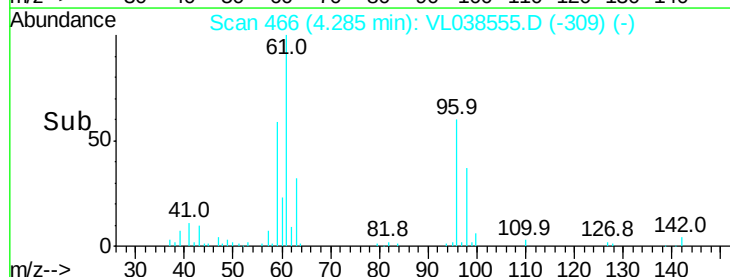
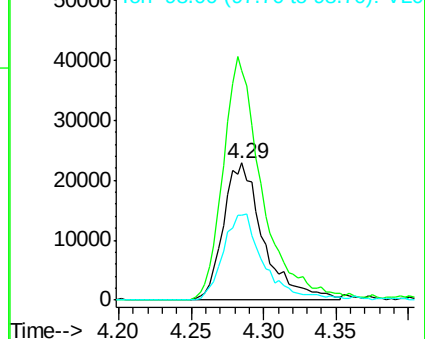
98 62.1 49.3 73.9

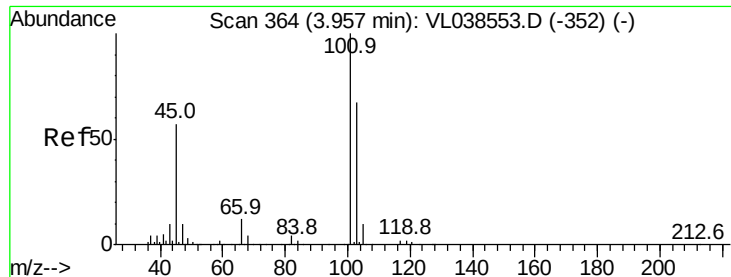


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 1.11 ppbv m

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

45 100

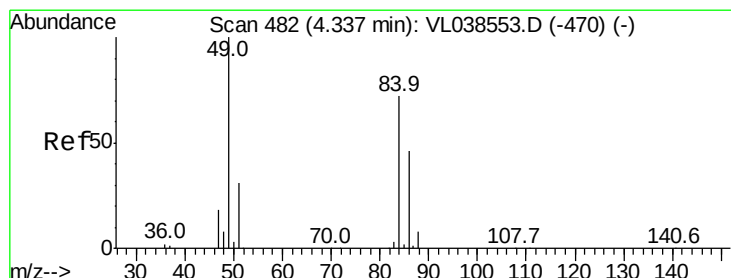
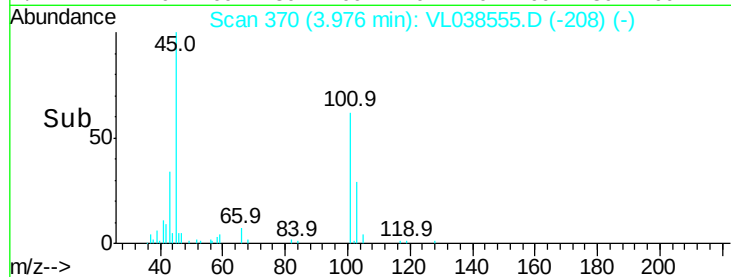
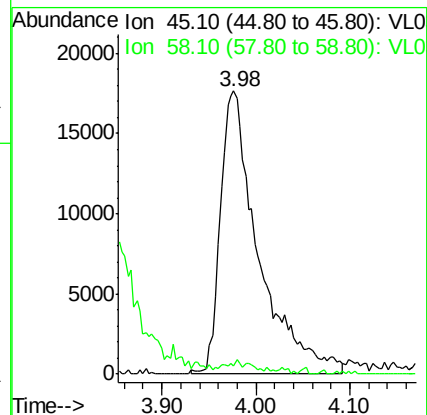
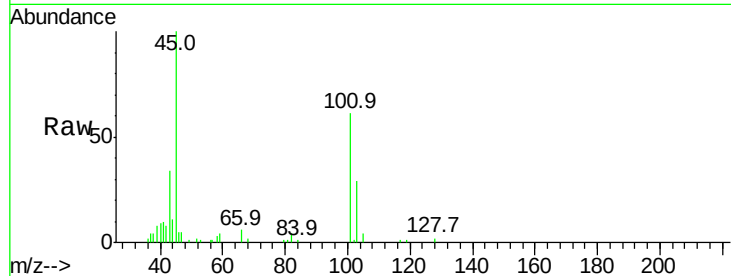
58 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 1.08 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

Tgt Ion: 84 Resp: 41402

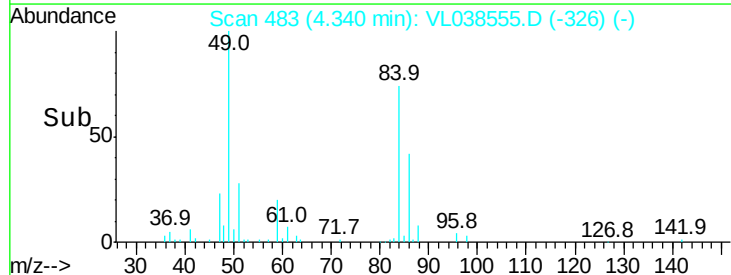
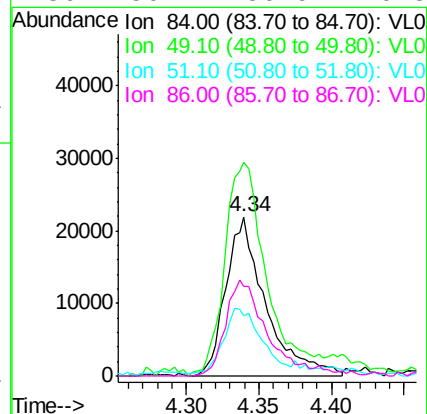
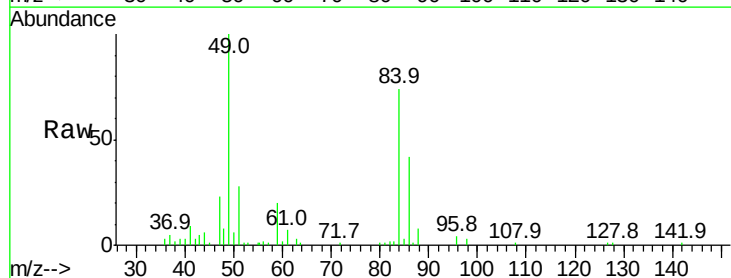
Ion Ratio Lower Upper

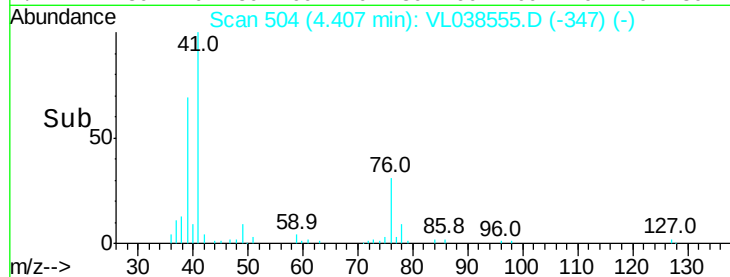
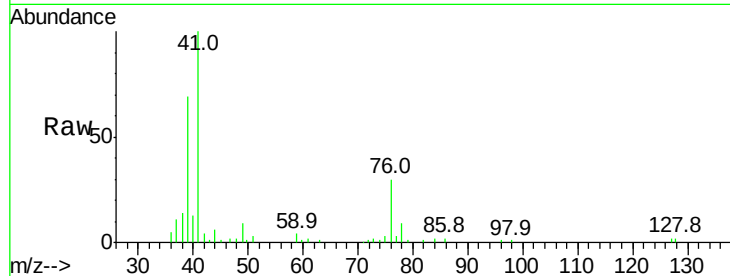
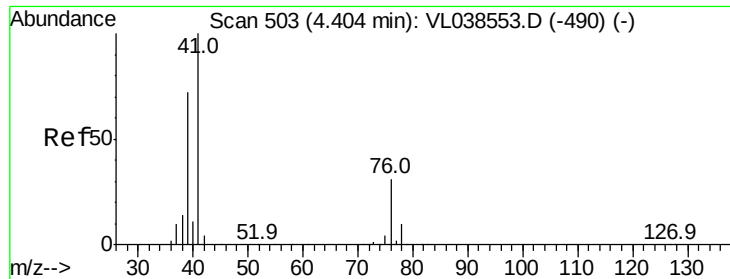
84 100

49 132.1 111.1 166.7

51 35.5 34.0 51.0

86 56.4 50.9 76.3



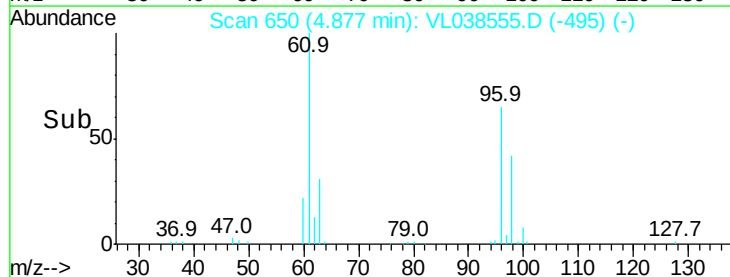
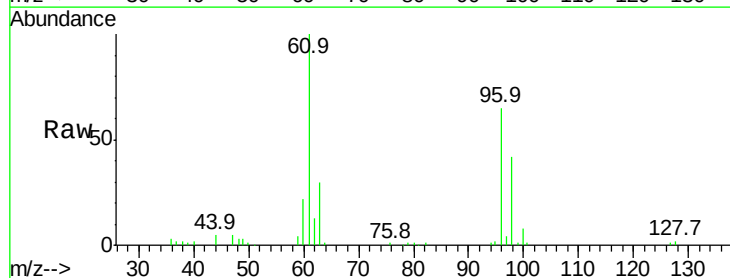
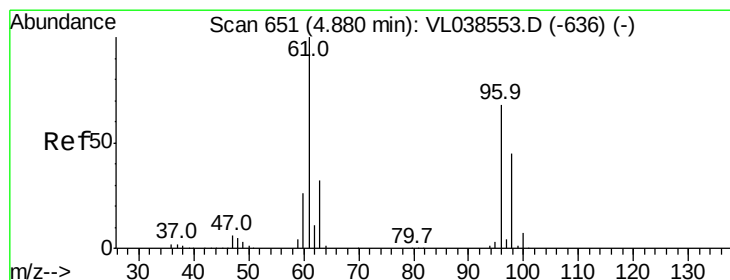
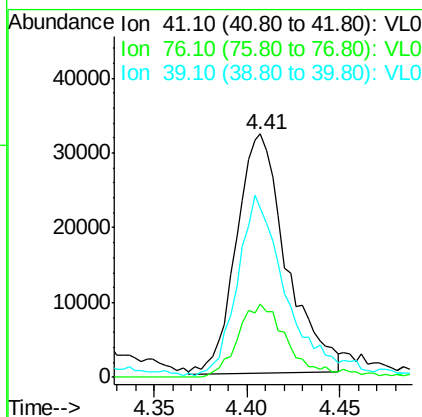


#21
 Allyl Chloride
 Concen: 0.92 ppbv
 RT: 4.41
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 80.

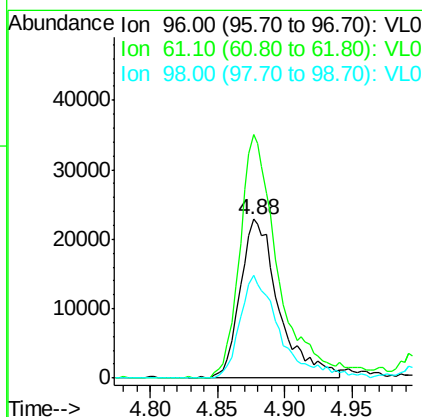
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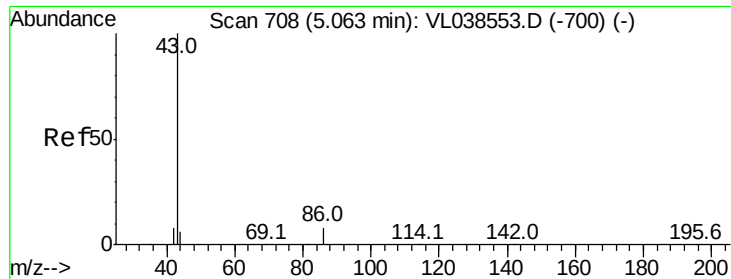
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.02 ppbv m
 RT: 4.88 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 96 Resp: 45653
 Ion Ratio Lower Upper
 96 100
 61 153.4 117.6 176.4
 98 64.4 52.6 78.8



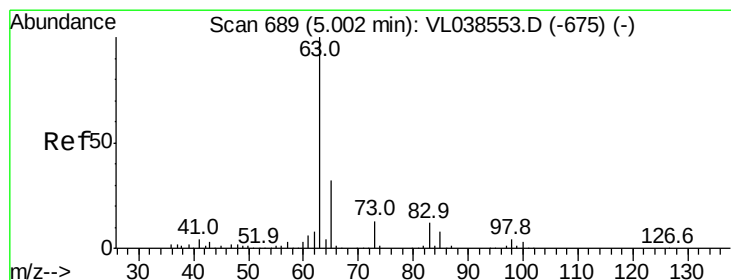
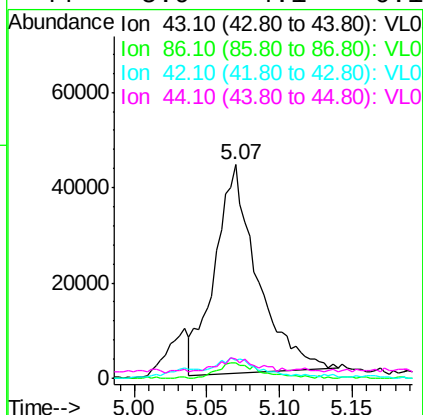
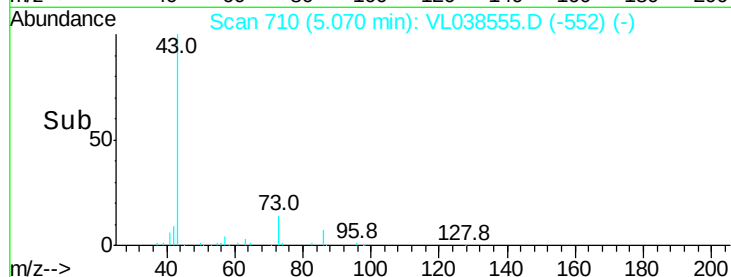
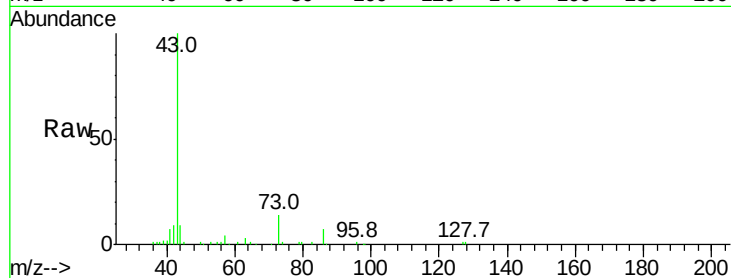


#23
 Vinyl Acetate
 Concen: 0.87 ppbv
 RT: 5.07
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion: 43.10 (42.80 to 43.80): VL0
 Ion Ratio: 100
 43 100
 86 8.
 42 8.
 44 5.9 4.1 6.1

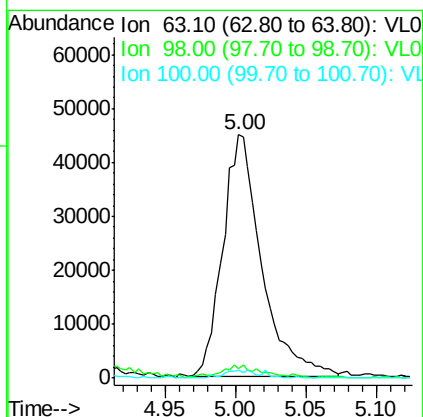
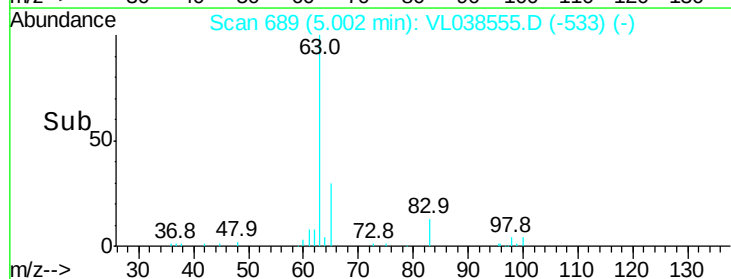
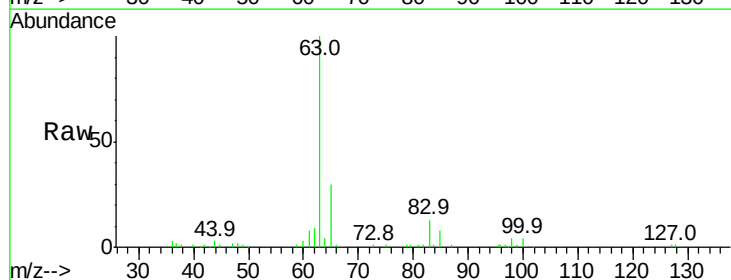
Manual Integrations APPROVED

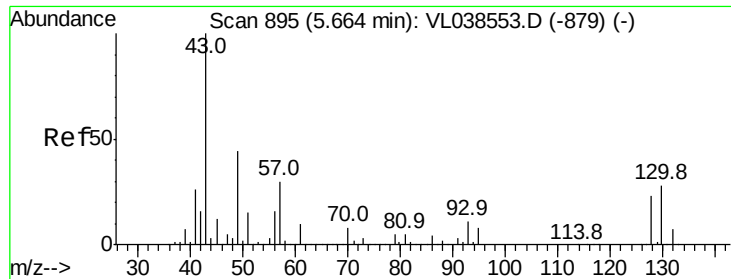
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 0.93 ppbv
 RT: 5.00 min Scan# 689
 Delta R.T.: 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 63 Resp: 85971
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.2 6.6
 100 3.6 1.5 4.5



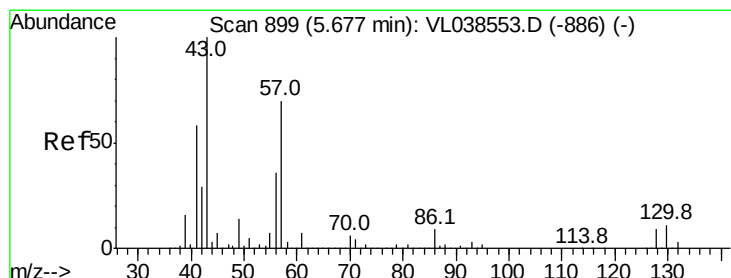
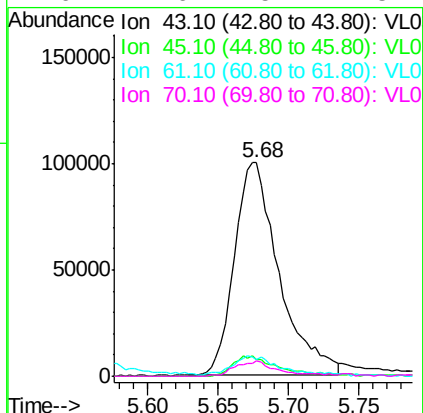
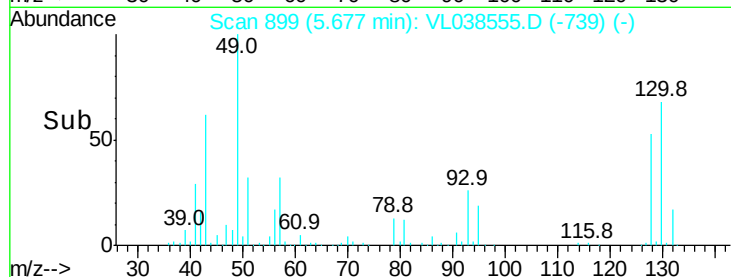
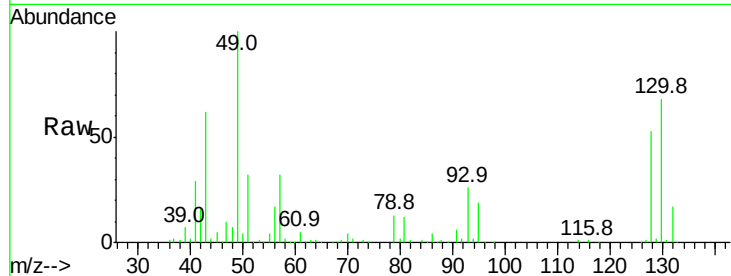


#25
Ethyl Acetate
Concen: 1.08 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:20

Tgt Ion: 43
Ion Ratio: 100
45 10.
61 11.
70 7.6 5.4 8.2

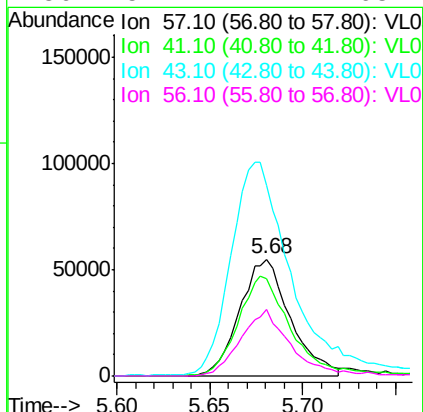
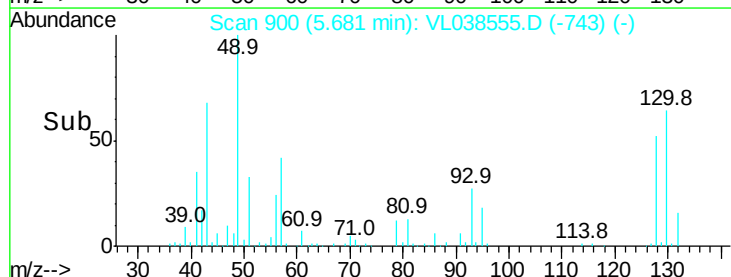
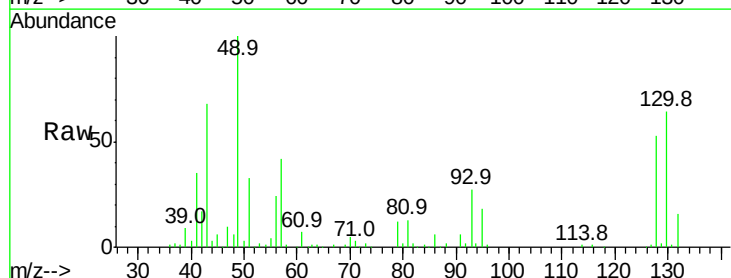
Manual Integrations
APPROVED

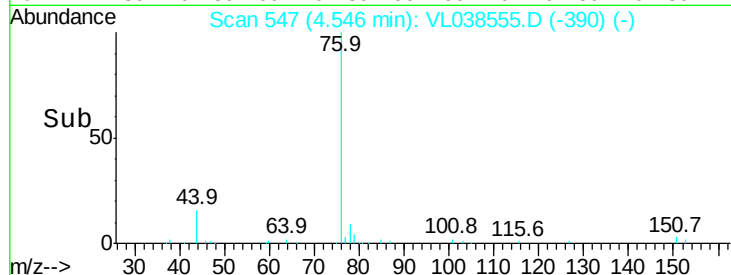
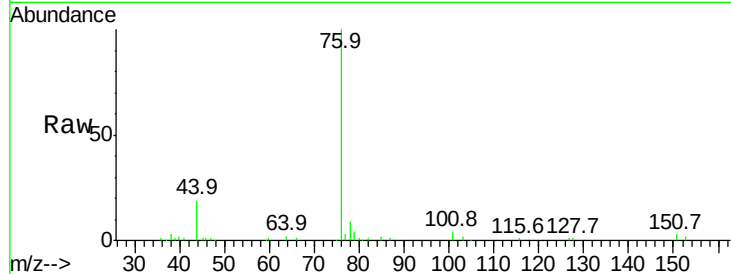
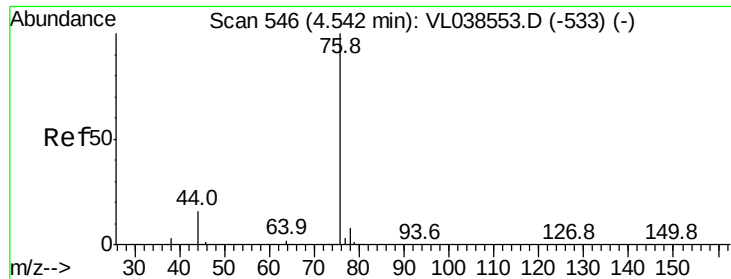
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 1.11 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 57 Resp: 104032
Ion Ratio Lower Upper
57 100
41 92.2 67.8 101.6
43 229.5 173.6 260.4
56 57.2 42.2 63.2



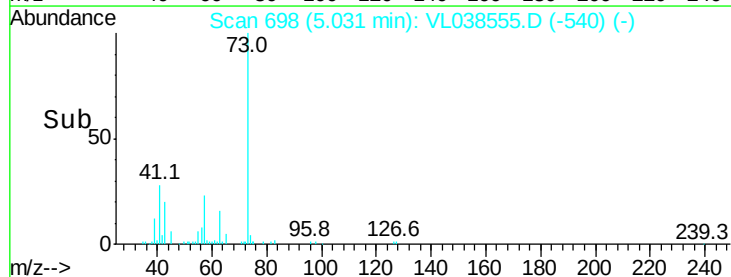
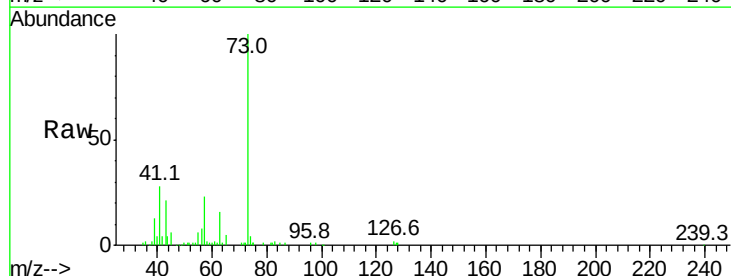
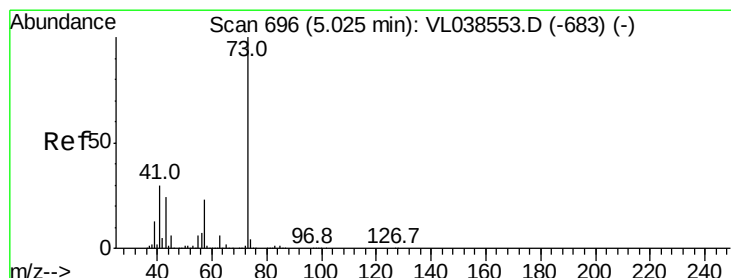
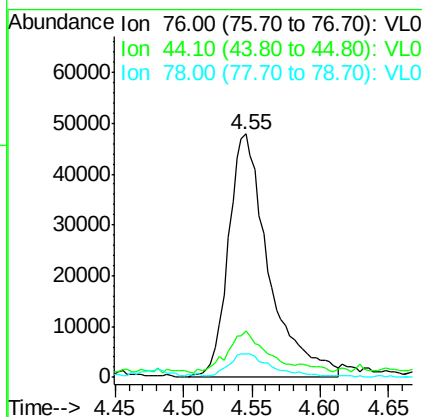


#27
Carbon Disulfide
Concen: 0.94 ppbv
RT: 4.55
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:26

Tgt Ion:
Ion Ratio
76 100
44 19.
78 11.

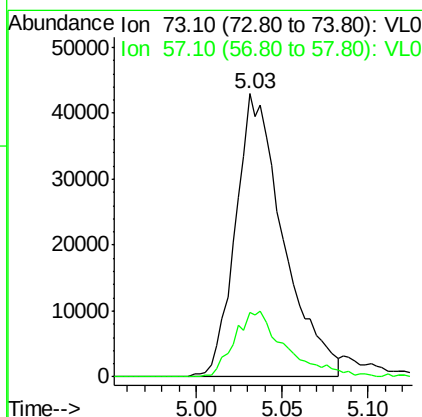
Manual Integrations
APPROVED

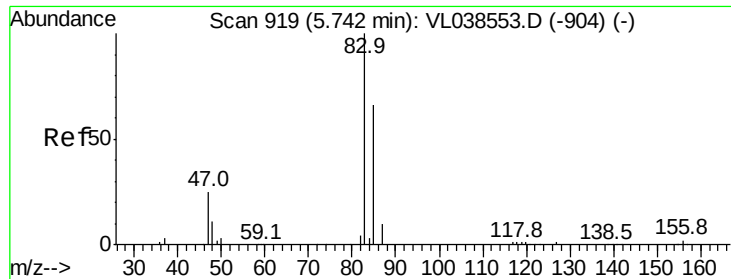
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#28
Methyl tert-Butyl Ether
Concen: 0.87 ppbv
RT: 5.03 min Scan# 698
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 73 Resp: 83240
Ion Ratio Lower Upper
73 100
57 25.4 18.8 28.2



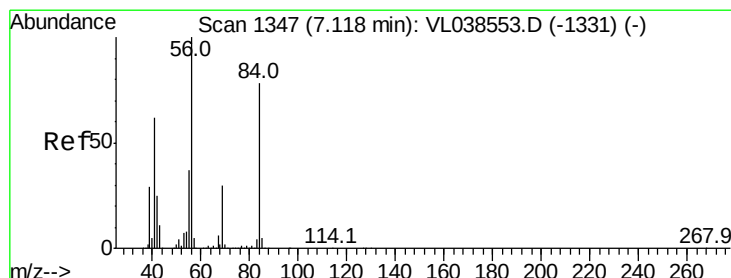
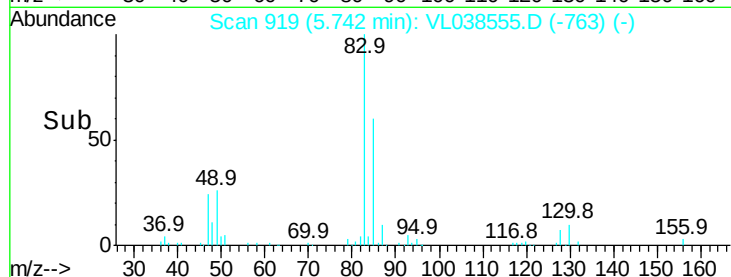
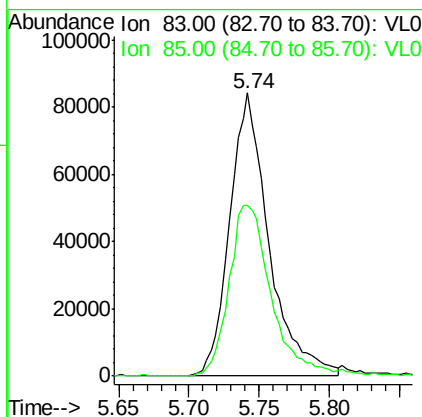
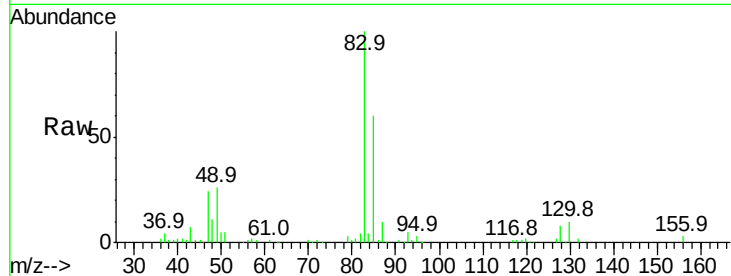


#29
Chloroform
Concen: 1.06 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:26

Tgt Ion:
Ion Ratio
83 100
85 60.

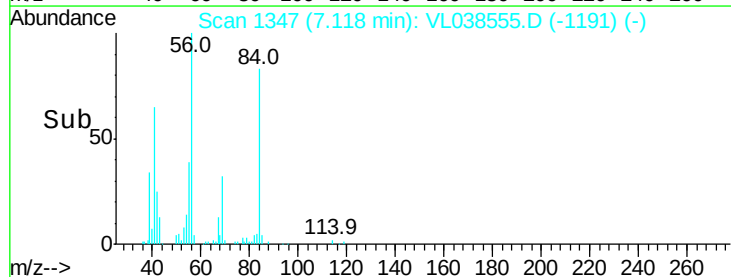
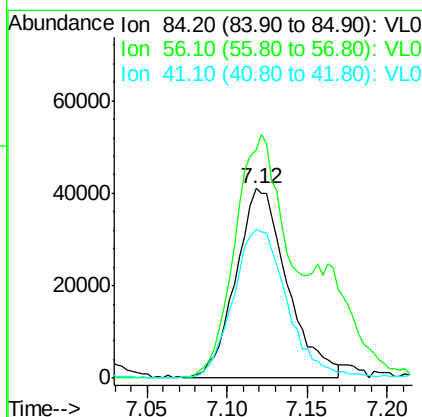
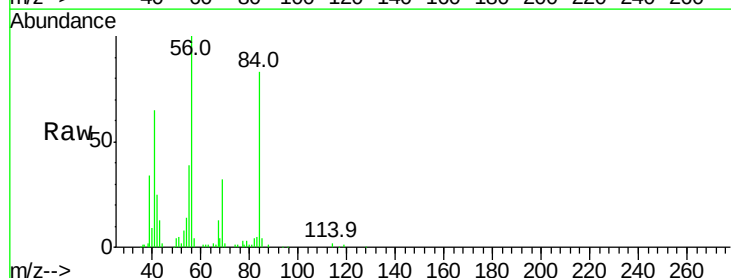
Manual Integrations
APPROVED

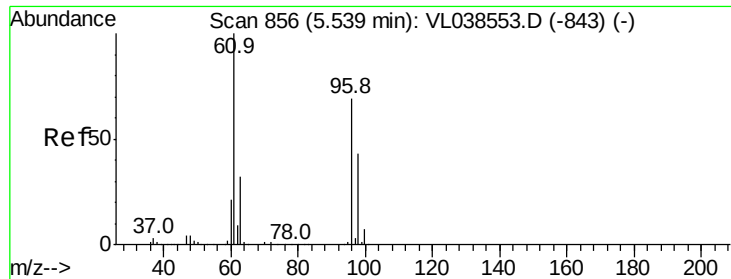
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 1.17 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 84 Resp: 90006
Ion Ratio Lower Upper
84 100
56 181.2 111.4 167.0#
41 83.3 65.5 98.3



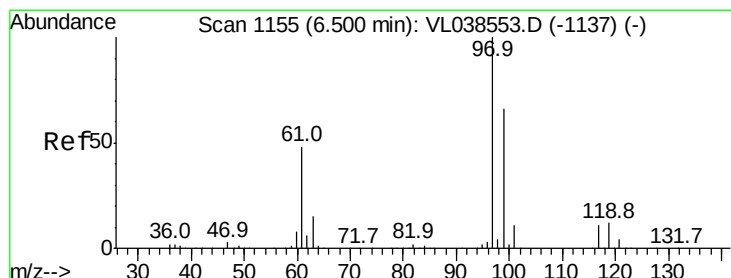
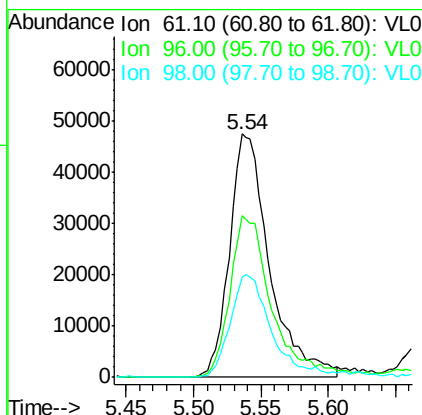
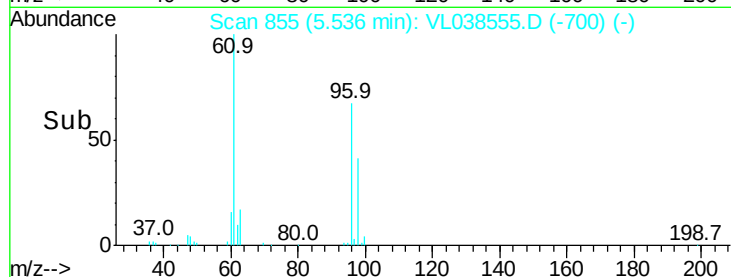
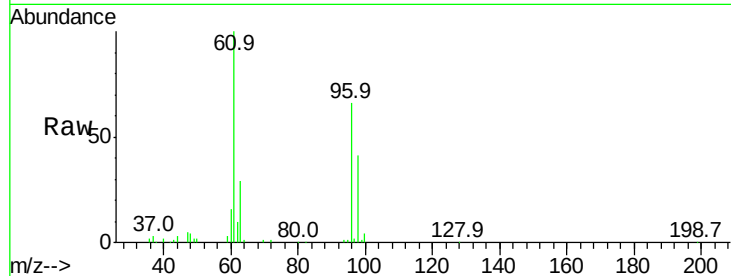


#31
 cis-1,2-Dichloroethene
 Concen: 1.08 ppbv m
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 61 100
 96 66.
 98 40.

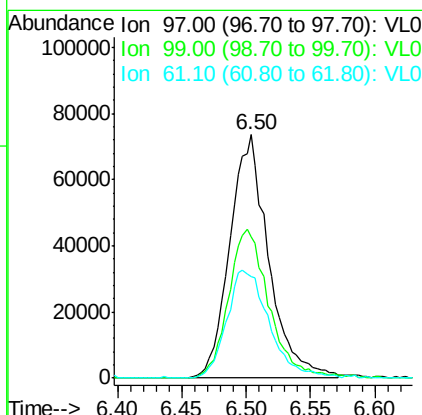
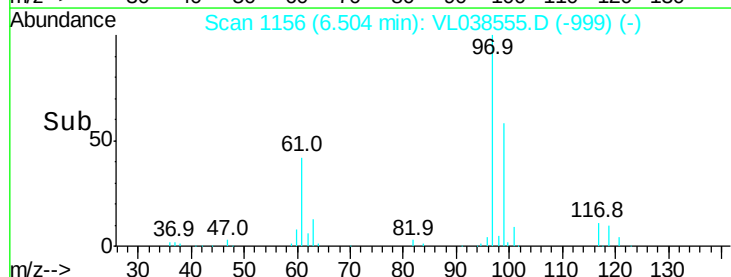
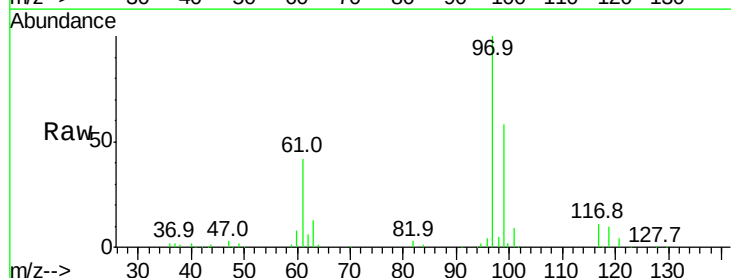
Manual Integrations
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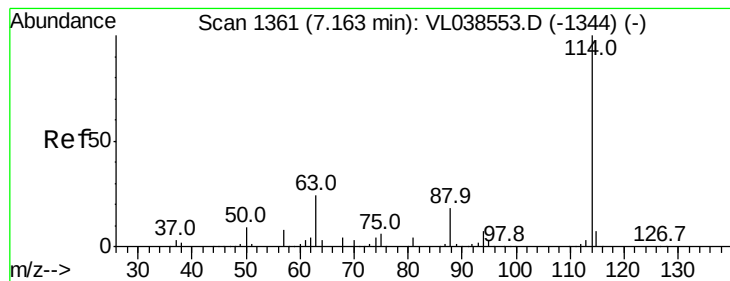
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#32
 1,1,1-Trichloroethane
 Concen: 1.00 ppbv
 RT: 6.50 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 97 Resp: 154163
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.1 78.1
 61 49.1 37.7 56.5





#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.16

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 12:20

Tgt Ion:1

Ion Rati

114 100

63 24.

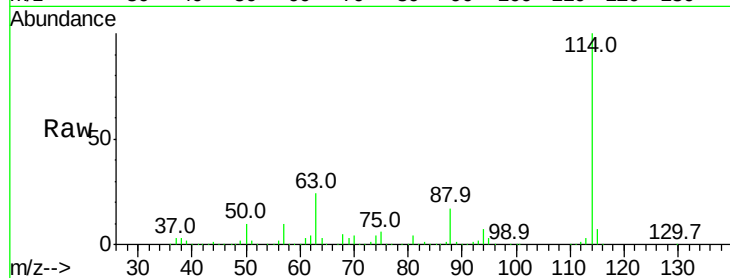
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

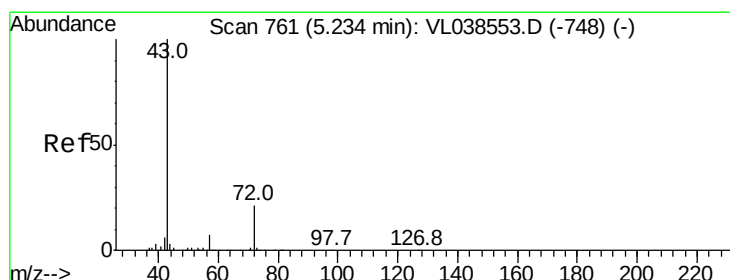
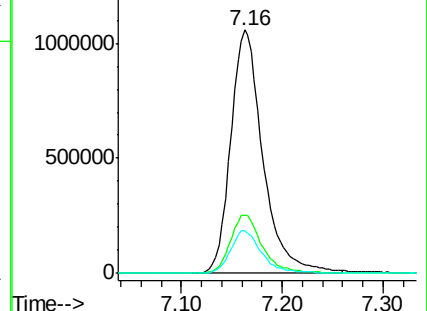
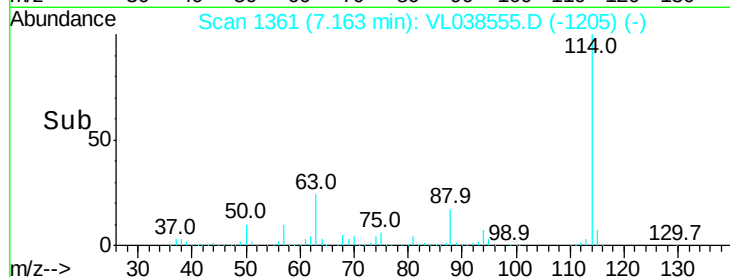
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.80 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.01 min

Lab File: VL038553.D

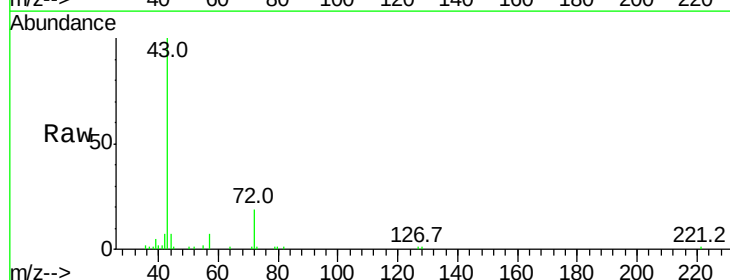
Acq: 8 Mar 2022 12:26

Tgt Ion: 43 Resp: 58977

Ion Ratio Lower Upper

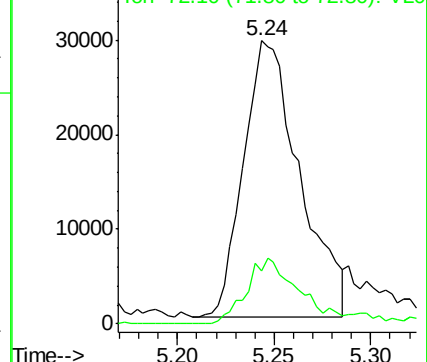
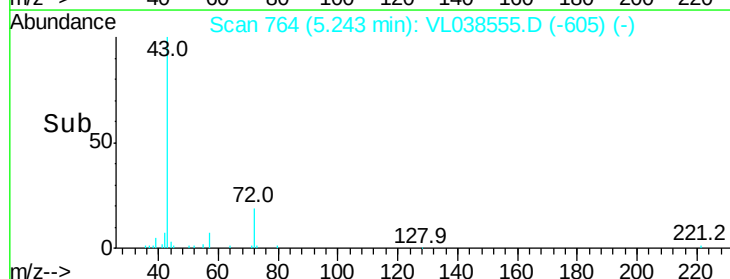
43 100

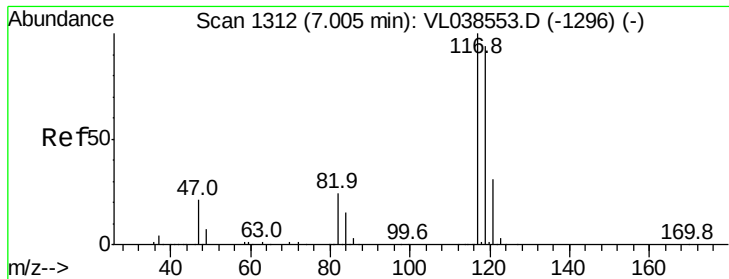
72 26.0 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



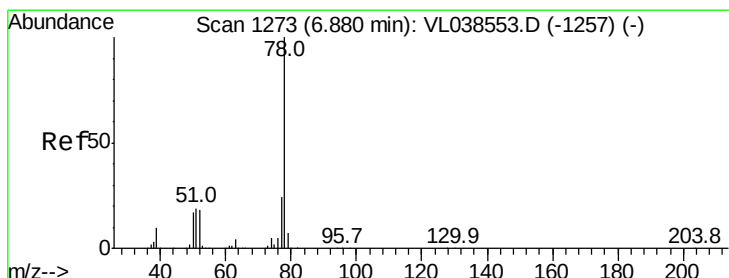
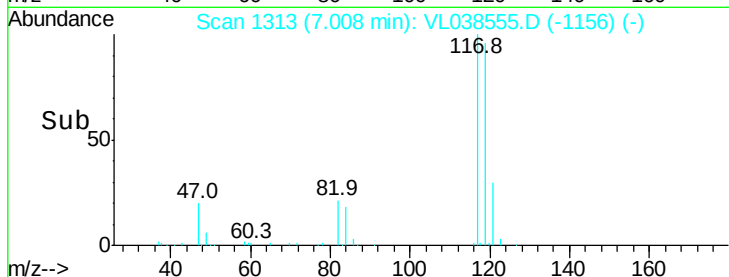
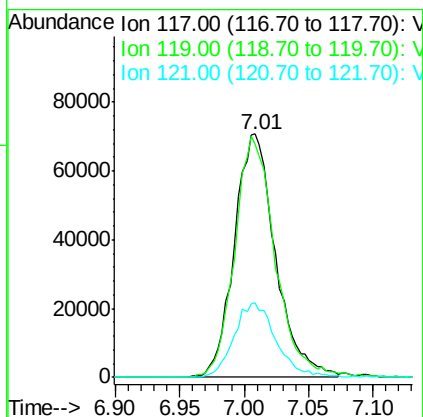
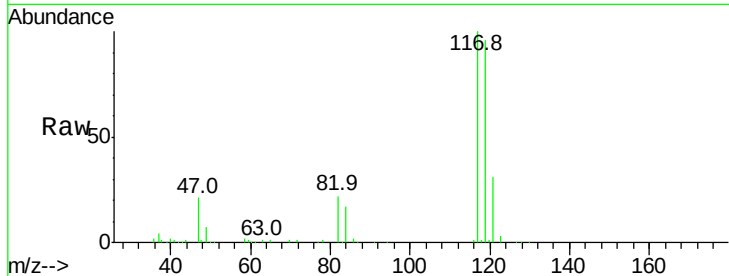


#35
Carbon Tetrachloride
Concen: 0.95 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:20

Tgt Ion: 1
Ion Ratio
117 100
119 96.
121 30.

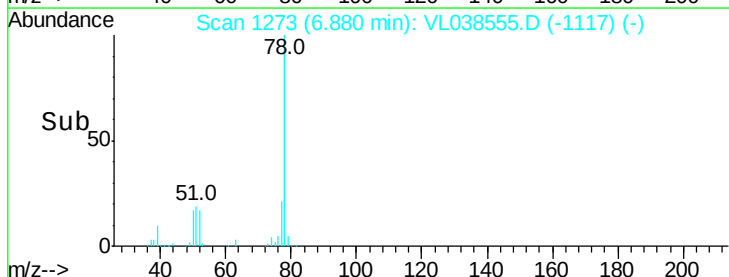
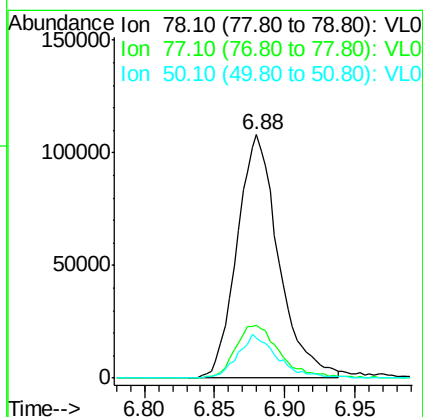
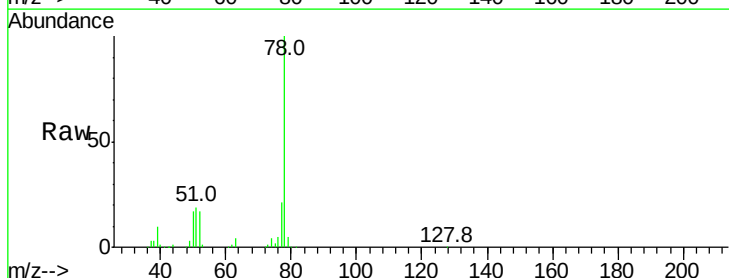
Manual Integrations
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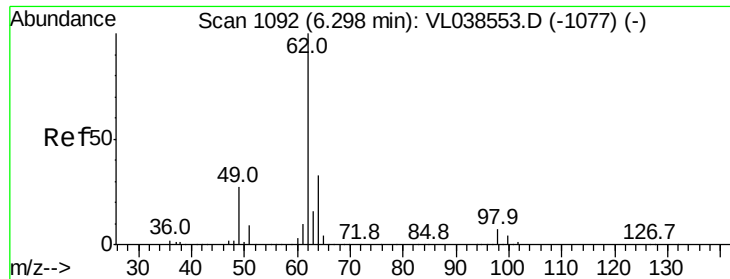
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 1.08 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 78 Resp: 223756
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4
50 16.6 13.9 20.9



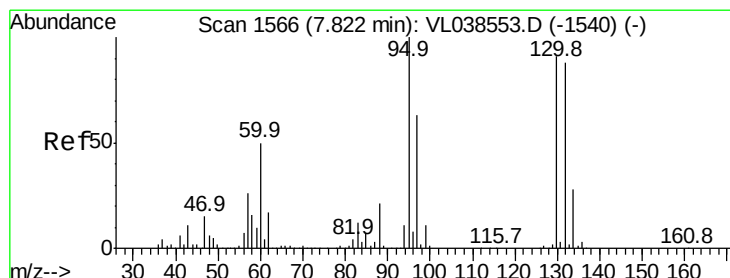
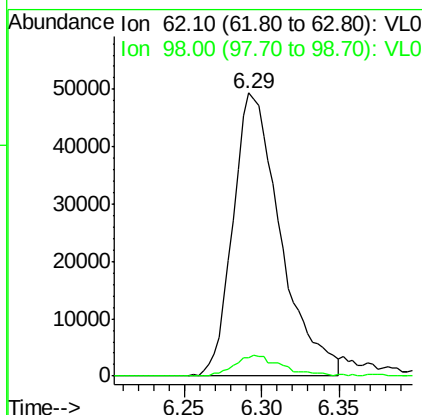
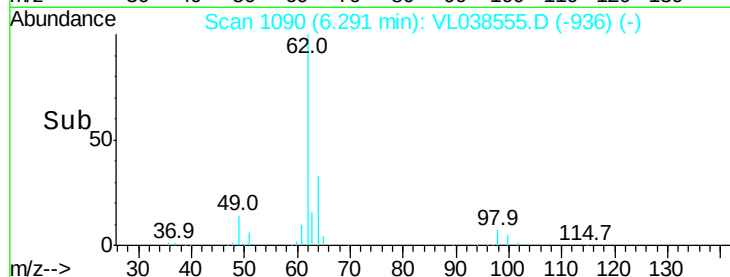
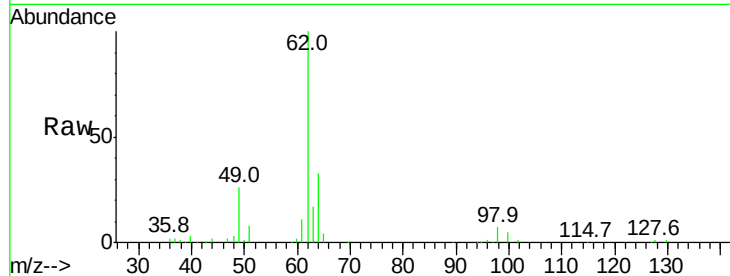


#37
 1,2-Dichloroethane
 Concen: 0.88 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

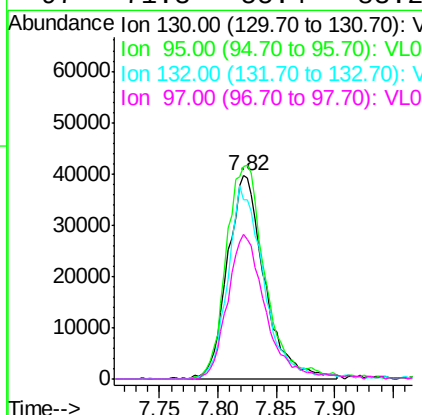
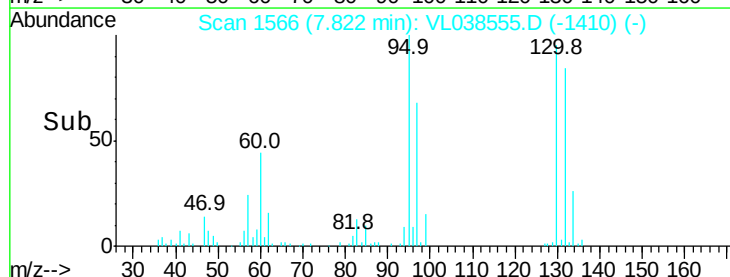
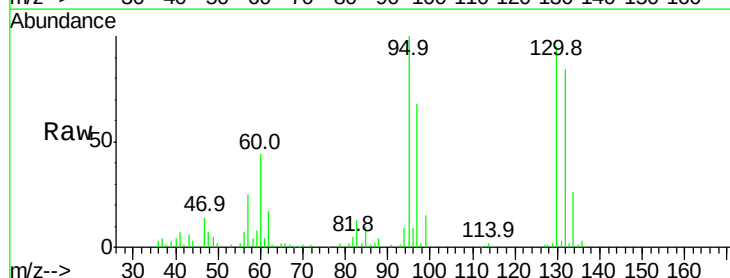
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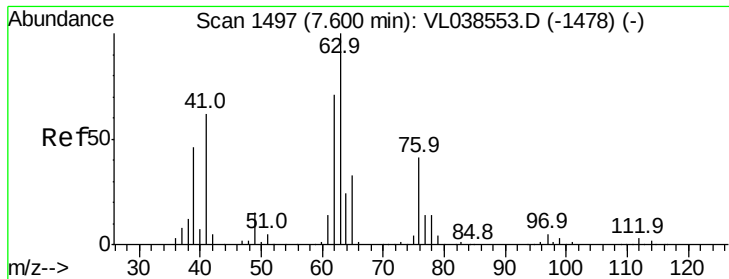
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 1.15 ppbv m
 RT: 7.82 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion:130 Resp: 86988
 Ion Ratio Lower Upper
 130 100
 95 104.8 87.8 131.8
 132 88.2 77.5 116.3
 97 71.3 55.4 83.2



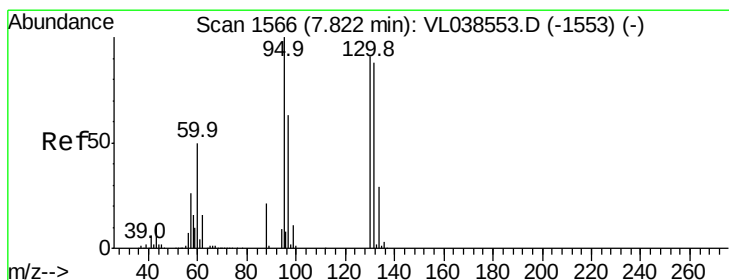
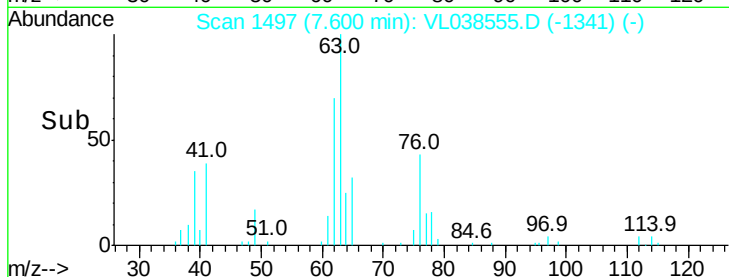
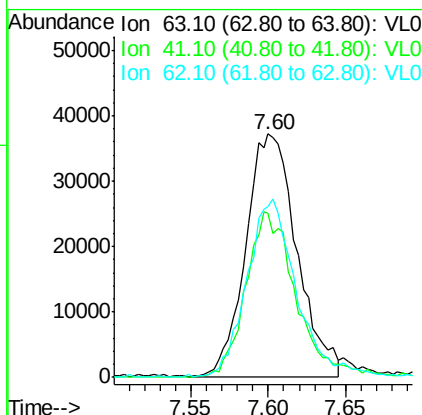
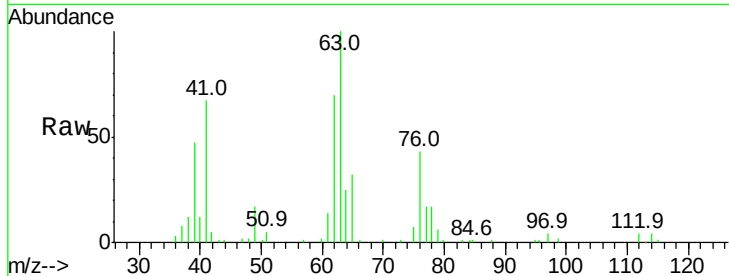


#39
 1,2-Dichloropropane
 Concen: 1.04 ppbv
 RT: 7.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 63 100
 41 67.
 62 69.

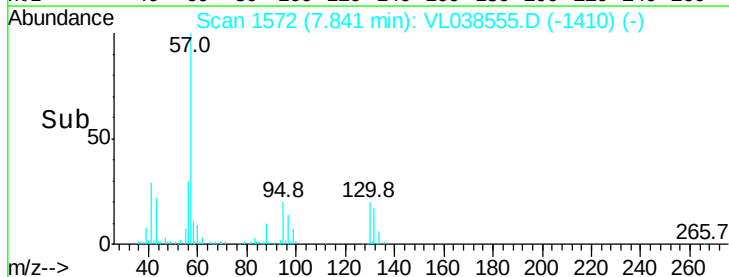
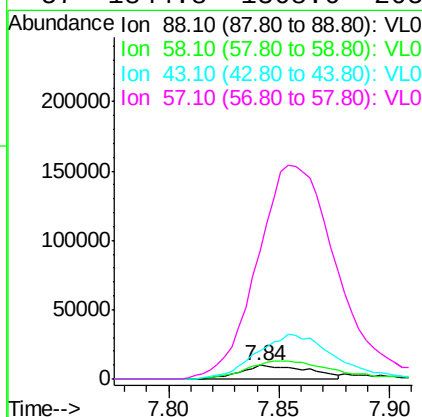
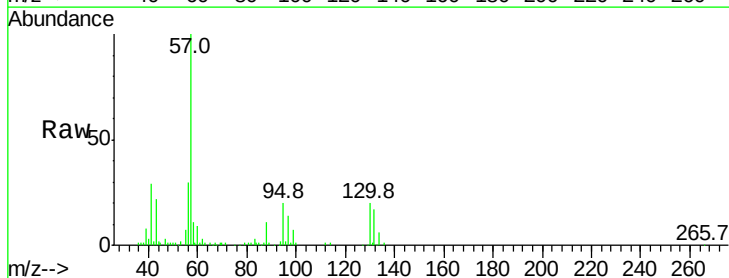
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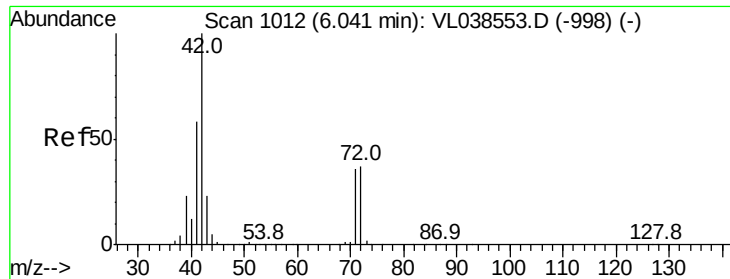
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 1.09 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.02 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 88 Resp: 21329
 Ion Ratio Lower Upper
 88 100
 58 178.0 126.7 190.1
 43 380.9 303.0 454.6
 57 1844.8 1368.6 2053.0





#41

Tetrahydrofuran

Concen: 1.04 ppbv m

RT: 6.06 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

42 100

72 37.

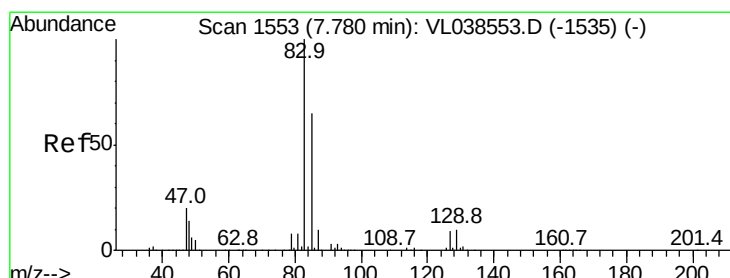
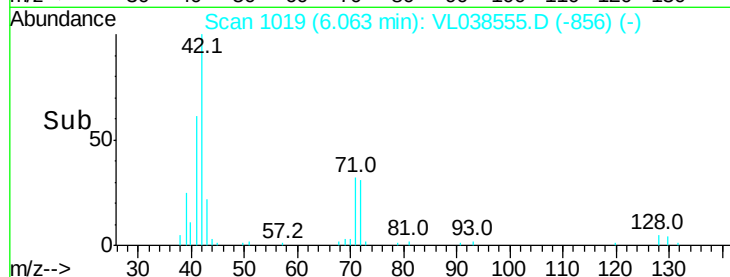
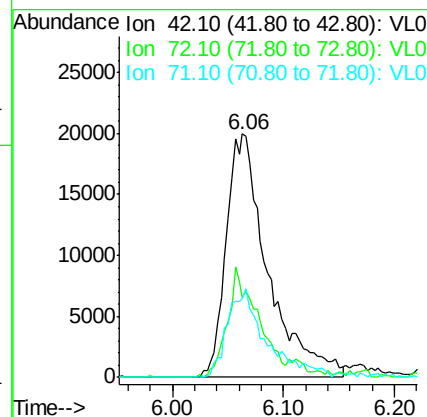
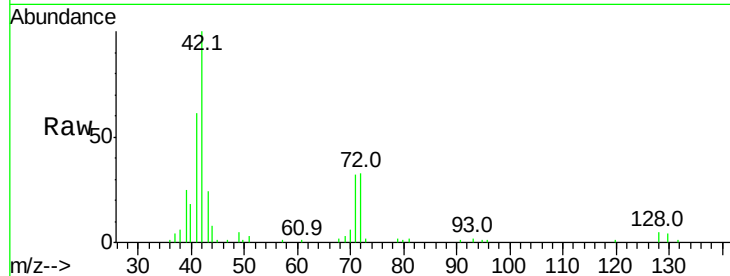
71 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#42

Bromodichloromethane

Concen: 0.96 ppbv

RT: 7.78 min Scan# 1552

Delta R.T. -0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

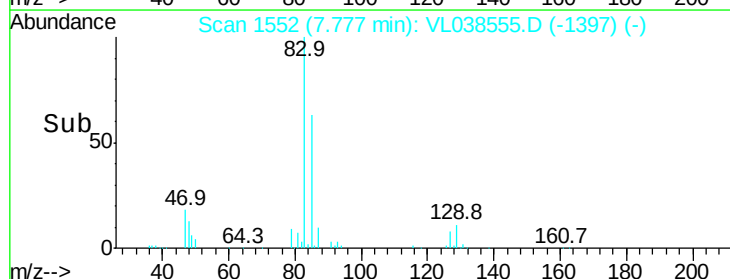
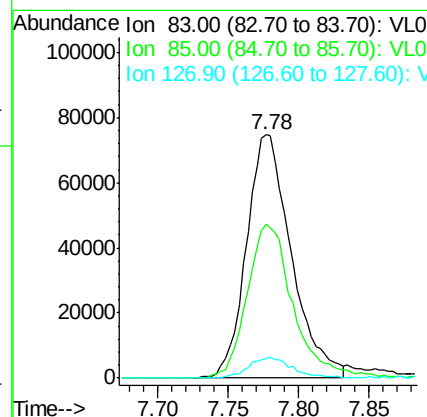
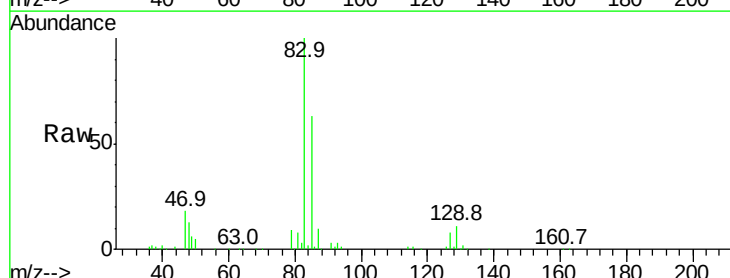
Tgt Ion: 83 Resp: 166343

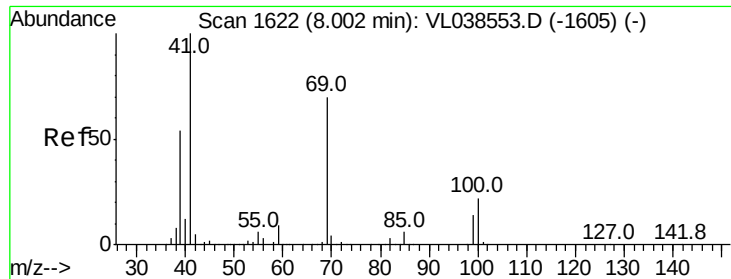
Ion Ratio Lower Upper

83 100

85 63.2 51.7 77.5

127 7.9 6.9 10.3



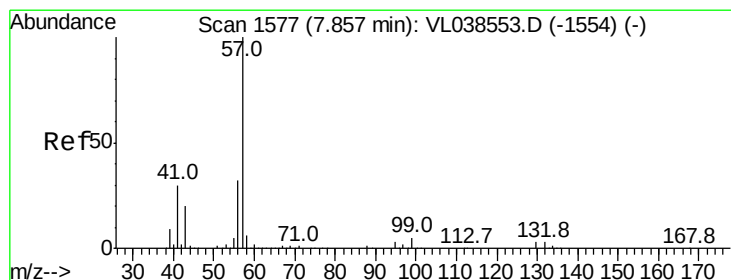
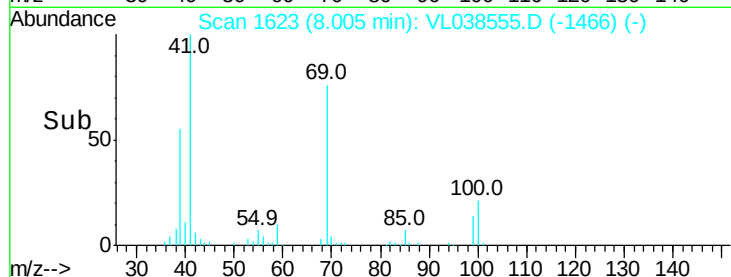
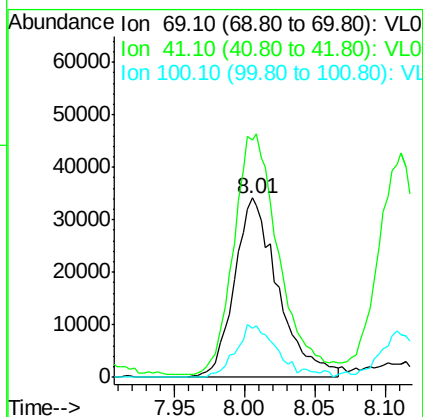
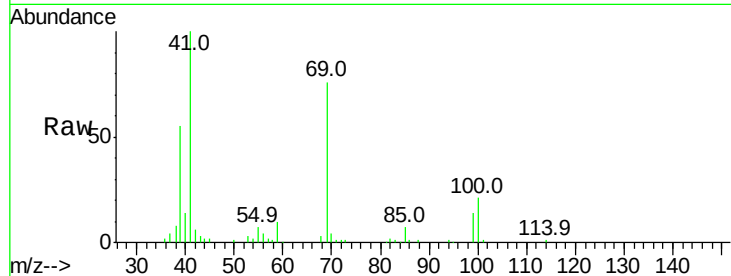


#43
Methyl Methacrylate
Concen: 1.03 ppbv
RT: 8.01
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:26

Tgt Ion:
Ion Ratio
69 100
41 143.
100 29.

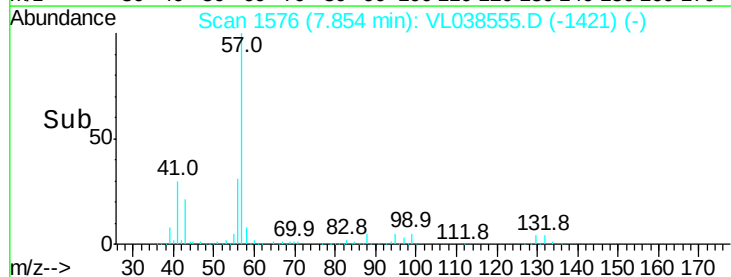
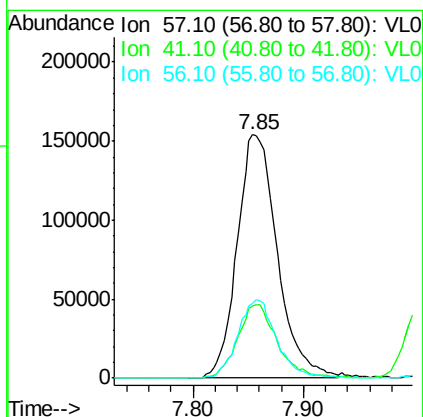
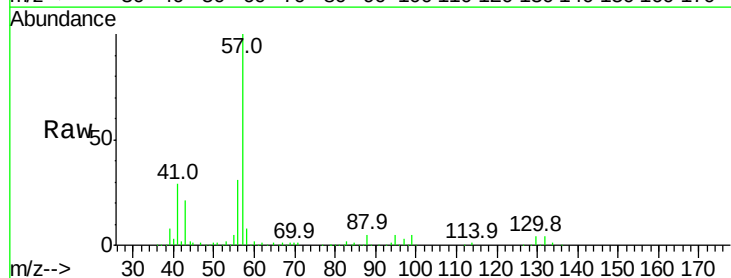
Manual Integrations
APPROVED

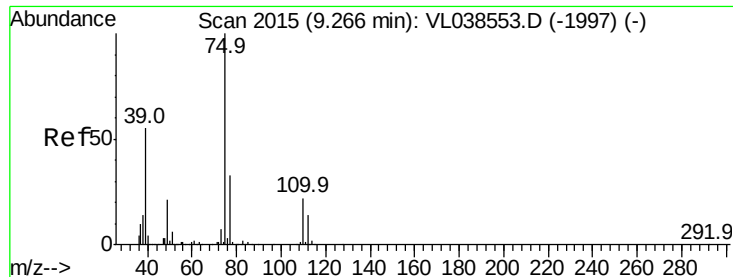
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
2,2,4-Trimethylpentane
Concen: 1.09 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 57 Resp: 389592
Ion Ratio Lower Upper
57 100
41 29.9 24.0 36.0
56 31.1 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 0.85 ppbv m

RT: 9.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Mar 2022 12:20 VSTDIC001

Tgt Ion:

Ion Ratio

75 100

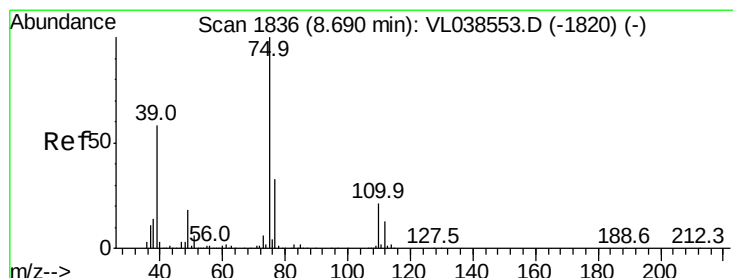
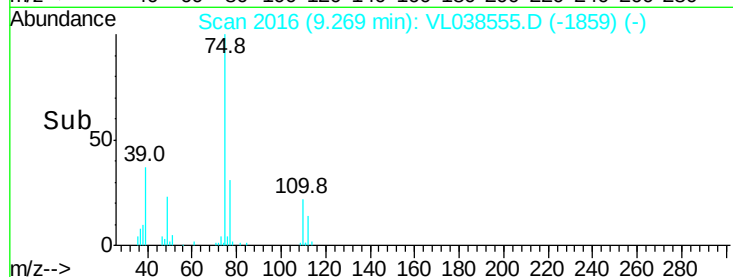
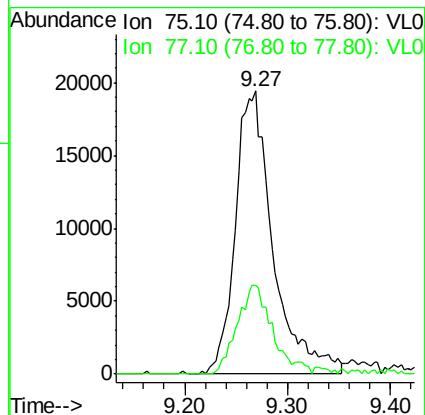
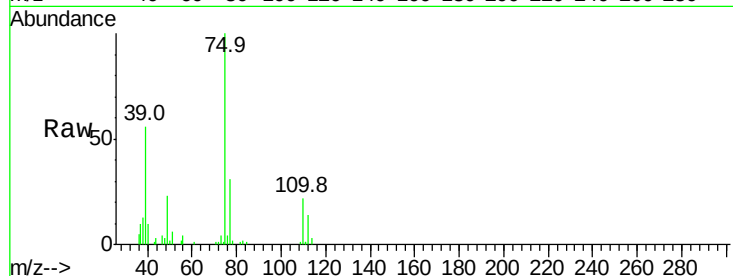
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 0.91 ppbv

RT: 8.69 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

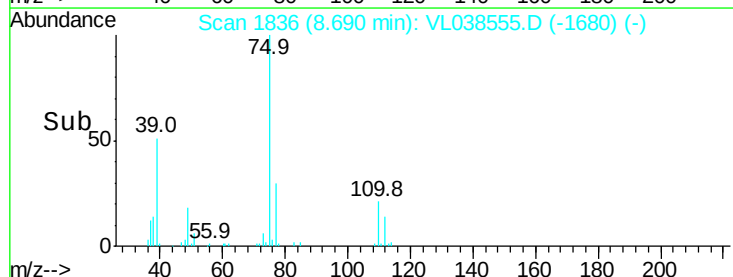
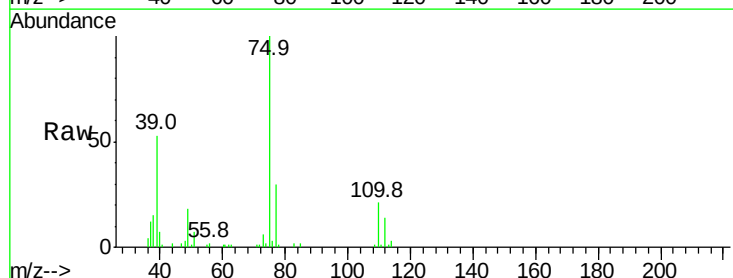
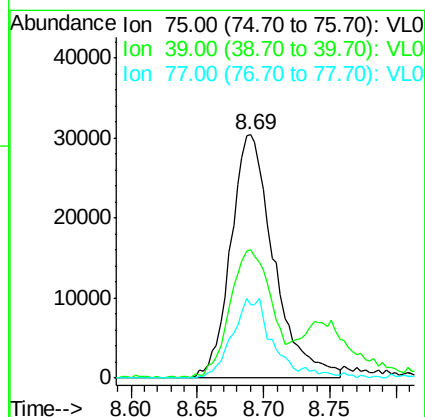
Tgt Ion: 75 Resp: 68776

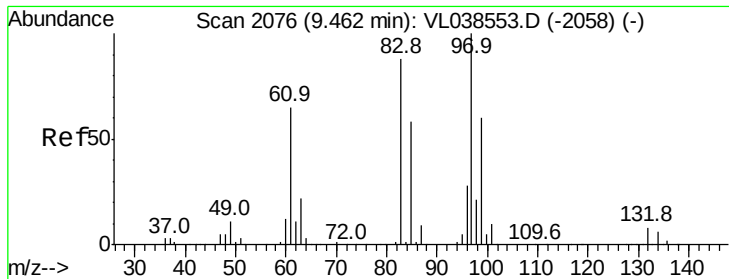
Ion Ratio Lower Upper

75 100

39 52.6 46.2 69.2

77 30.3 26.2 39.2



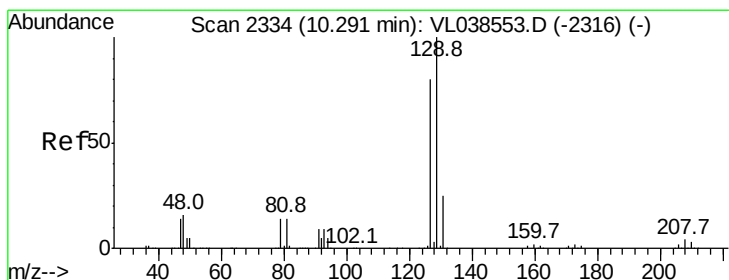
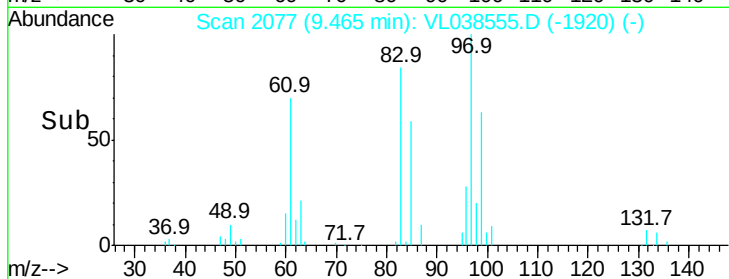
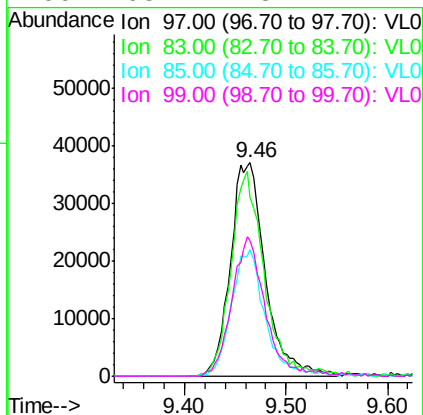
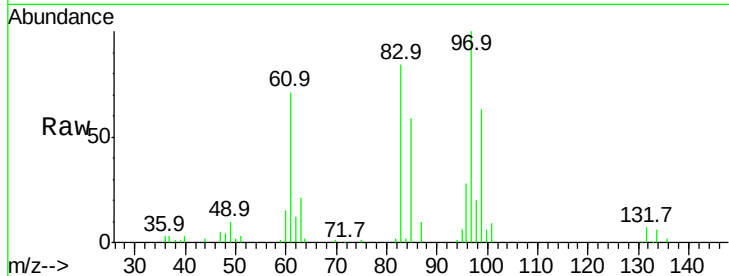


#47
 1,1,2-Trichloroethane
 Concen: 1.08 ppbv m
 RT: 9.46
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 97 100
 83 84.
 85 59.
 99 63.4 48.1 72.1

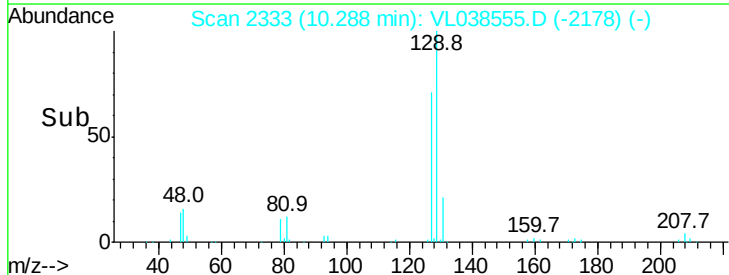
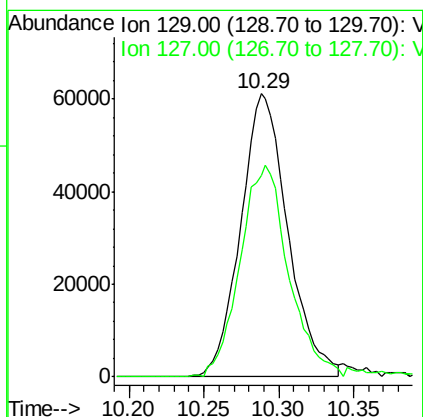
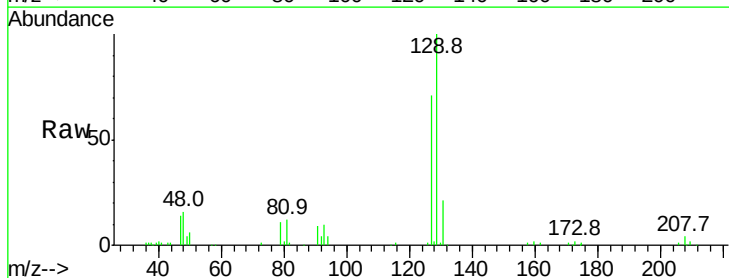
Manual Integrations
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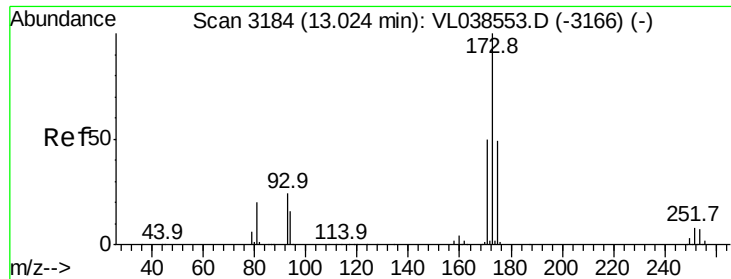
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#48
 Dibromochloromethane
 Concen: 1.00 ppbv
 RT: 10.29 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion:129 Resp: 134431
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.5 118.3





#49

Bromoform

Concen: 1.00 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 12:20

Tgt Ion:1

Ion Rati

173 100

175 49.

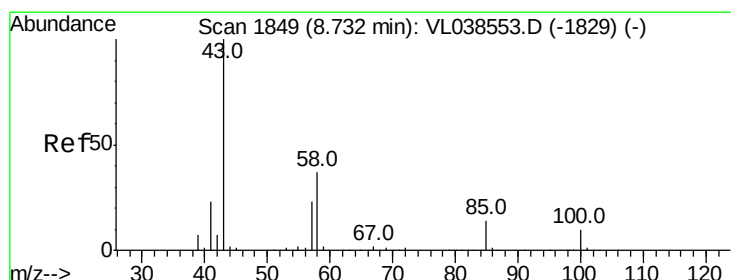
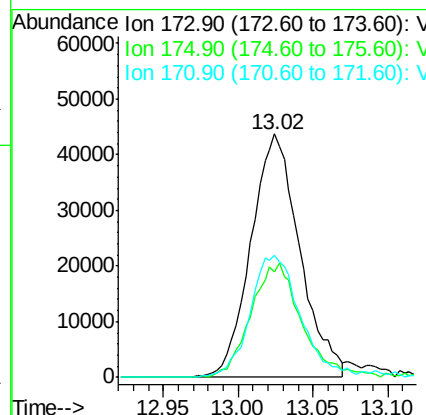
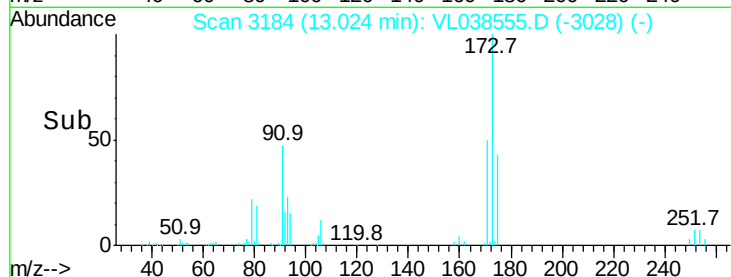
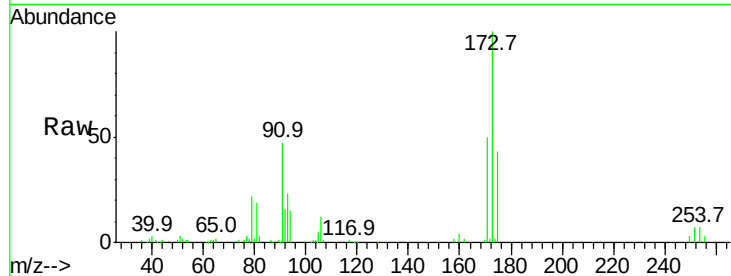
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 0.94 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL038555.D

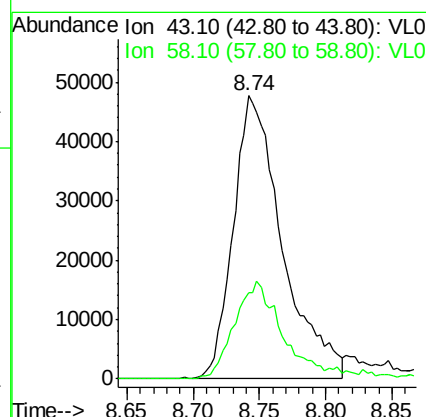
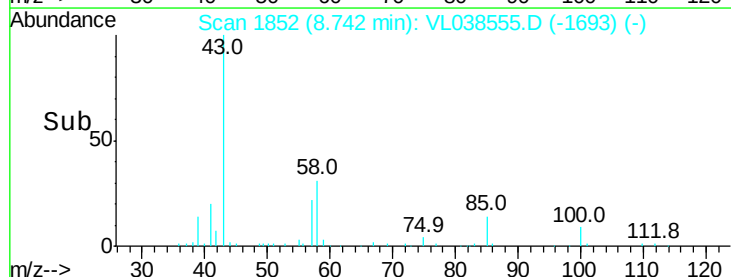
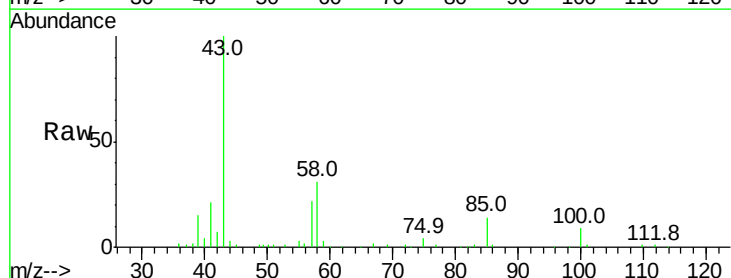
Acq: 8 Mar 2022 12:26

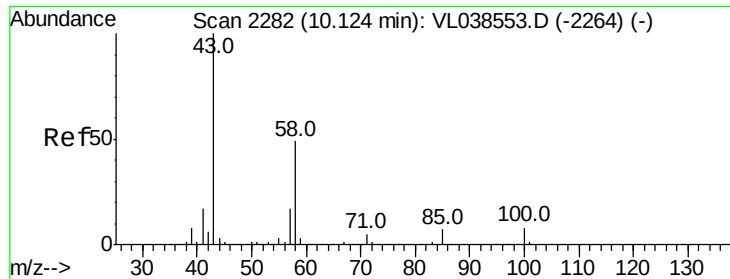
Tgt Ion: 43 Resp: 122695

Ion Ratio Lower Upper

43 100

58 36.7 29.2 43.8



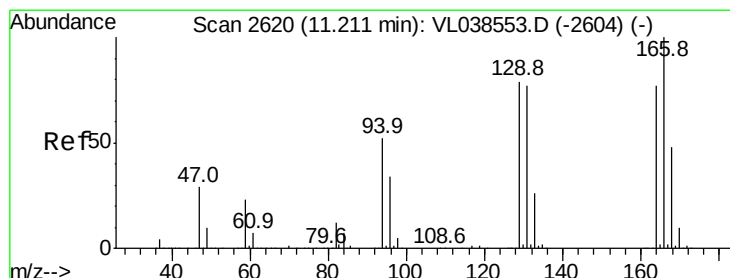
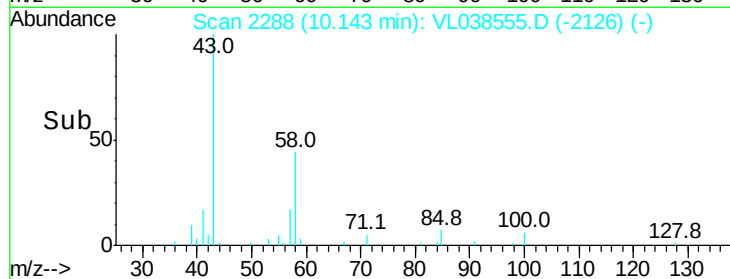
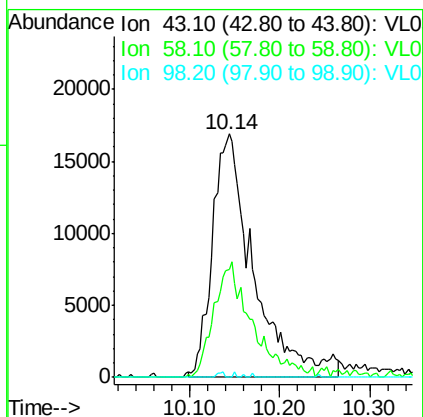
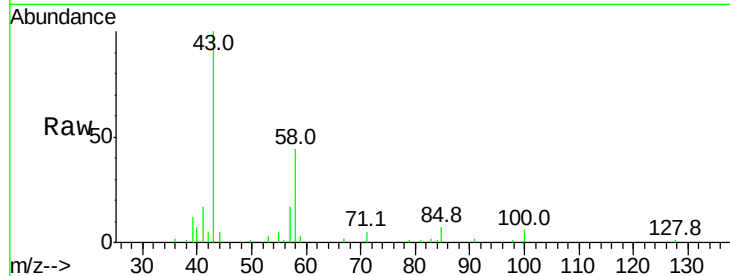


#51
2-Hexanone
Concen: 0.92 ppbv m
RT: 10.14
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 12:26

Tgt Ion:
Ion Ratio
43 100
58 44.
98 0.

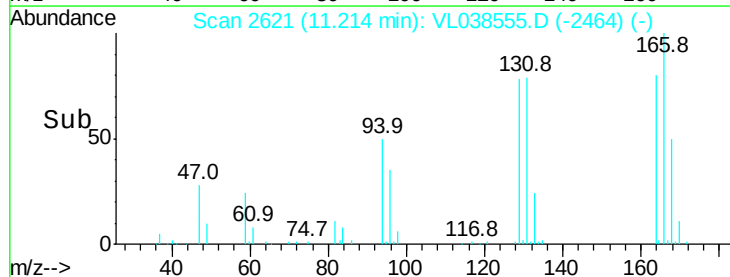
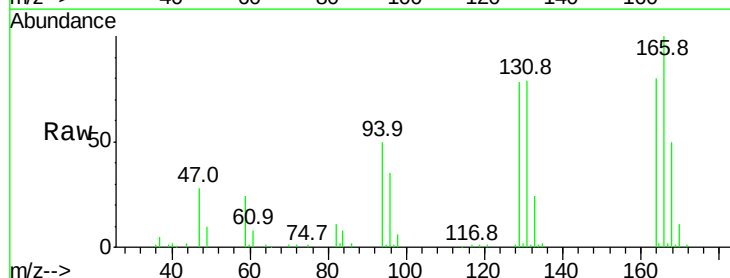
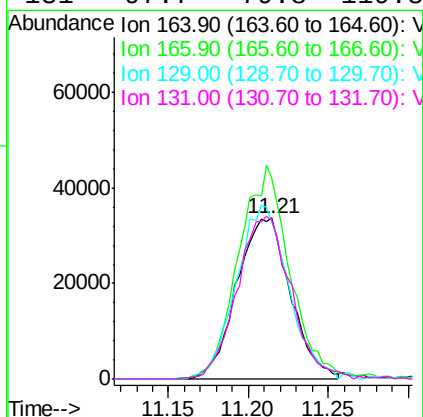
Manual Integrations
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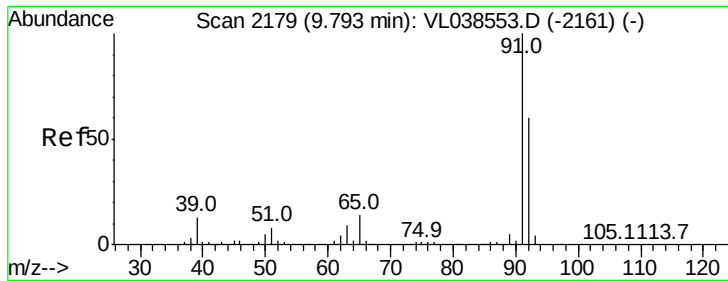
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Tetrachloroethene
Concen: 1.12 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:164 Resp: 77371
Ion Ratio Lower Upper
164 100
166 123.5 103.4 155.2
129 97.3 81.3 121.9
131 97.7 79.8 119.8





#53

Toluene

Concen: 1.04 ppbv

RT: 9.79 Instrument: MSVOA_1

Delta R.T. -0.00 min

Lab File: ClientSampleId: VSTDIC001

Acq: 8 Mar 2022 12:26

Tgt Ion:

Ion Ratio

91 100

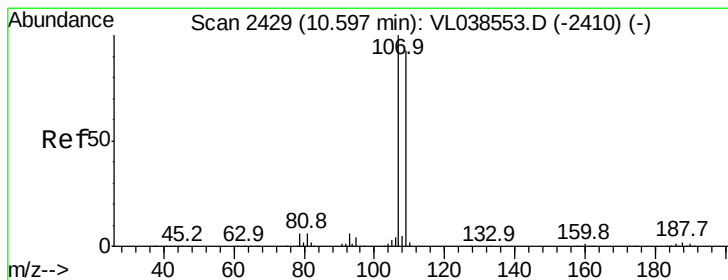
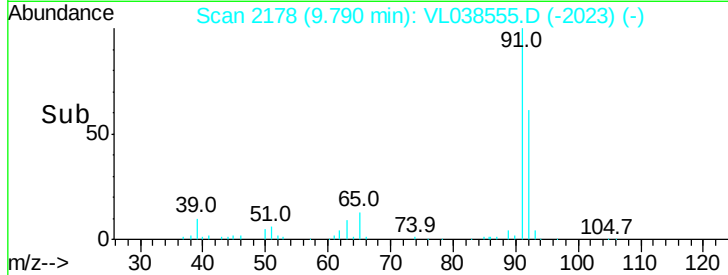
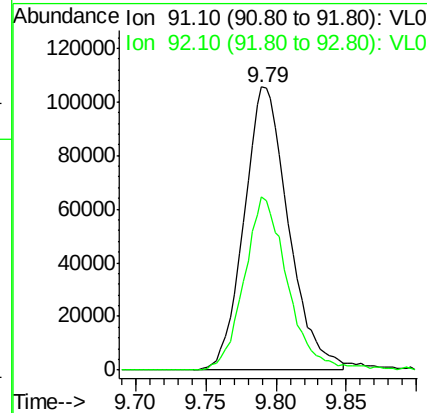
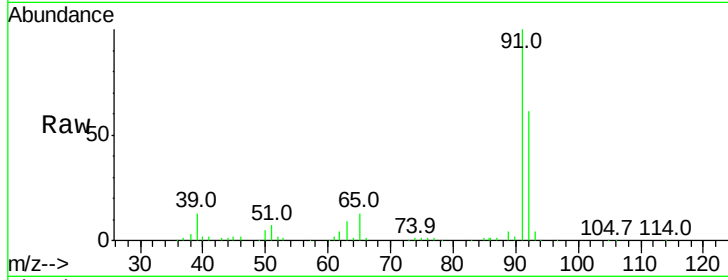
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 1.02 ppbv m

RT: 10.59 min Scan# 2428

Delta R.T. -0.00 min

Lab File: VL038555.D

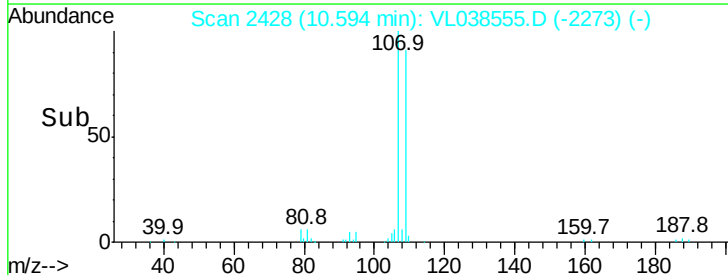
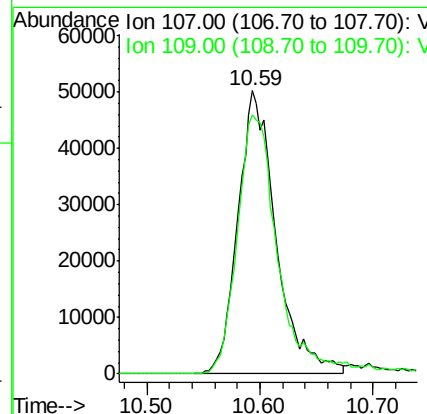
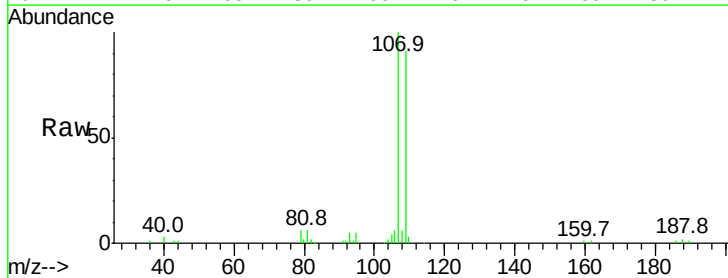
Acq: 8 Mar 2022 12:26

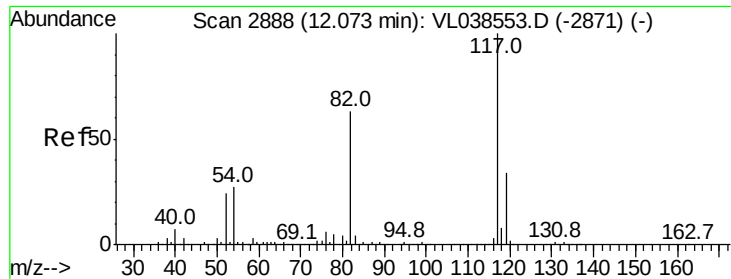
Tgt Ion:107 Resp: 118277

Ion Ratio Lower Upper

107 100

109 91.5 74.6 112.0



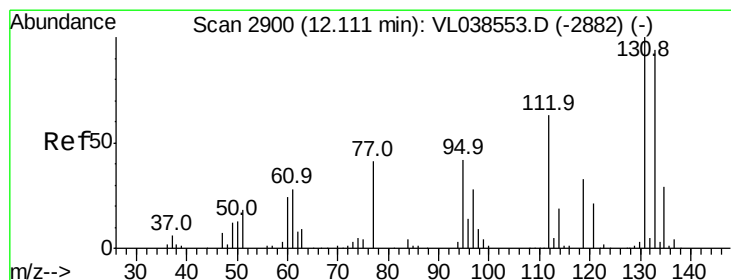
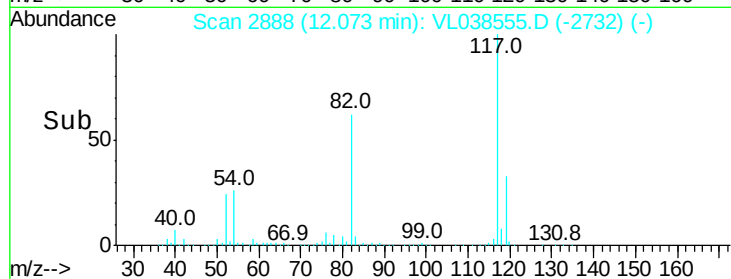
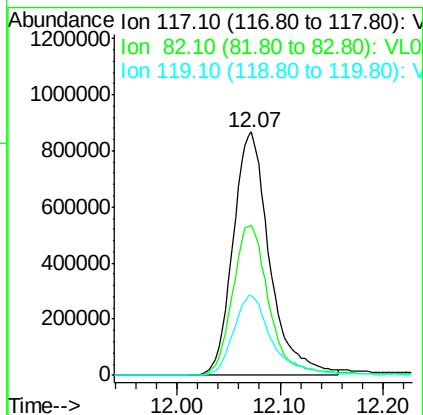
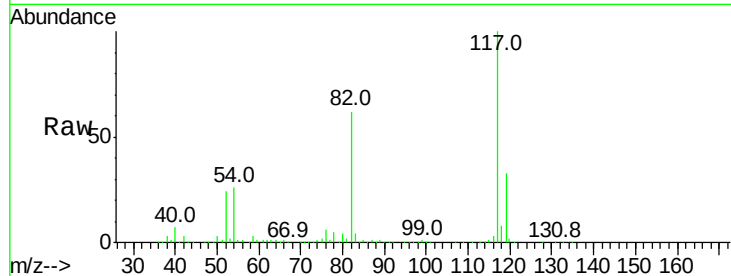


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:20

Tgt Ion: 117.0
Ion Ratio: 100
117 100
82 63.1
119 35.1

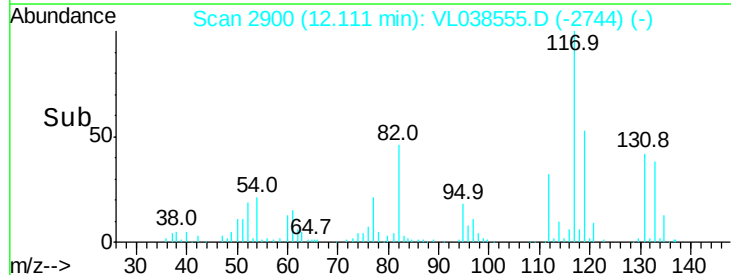
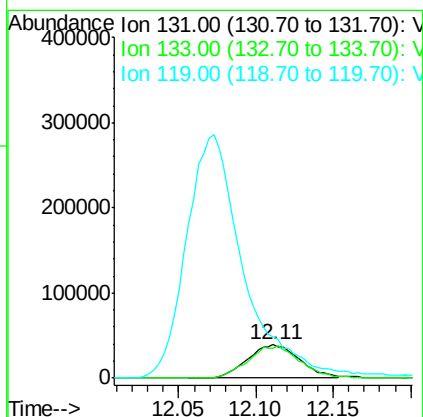
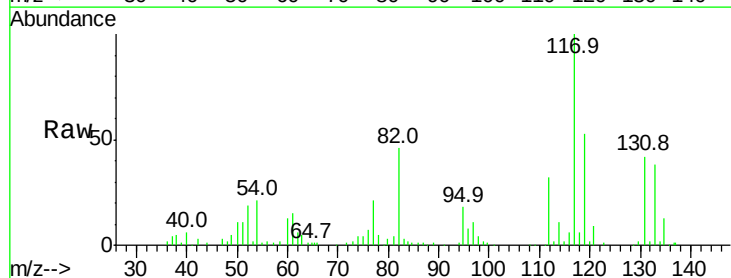
Manual Integrations
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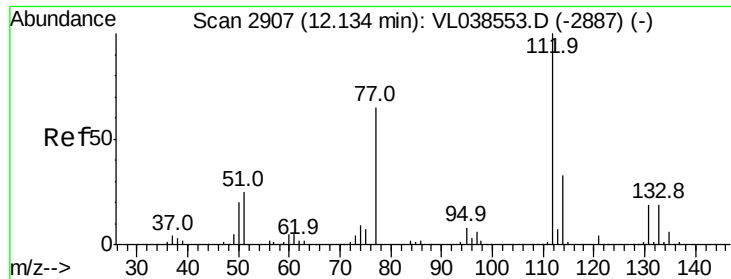
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 1.03 ppbv
RT: 12.11 min Scan# 2900
Delta R.T.: 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 131 Resp: 92053
Ion Ratio Lower Upper
131 100
133 96.5 78.0 117.0
119 827.1 53.1 79.7#



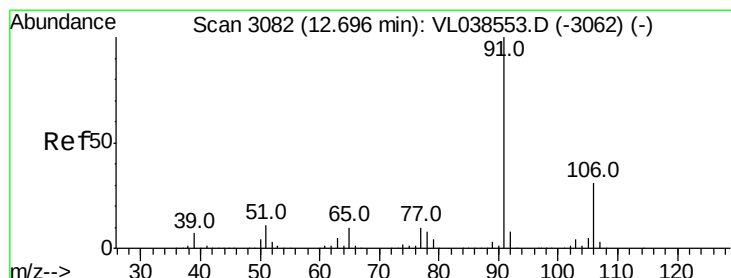
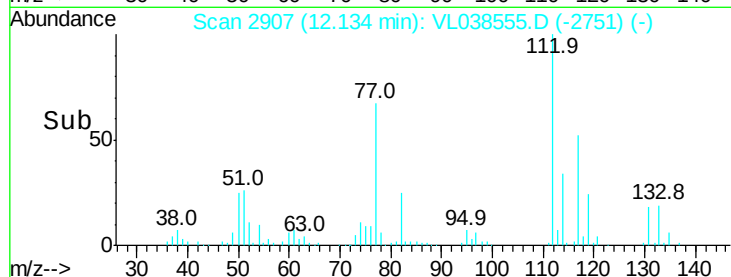
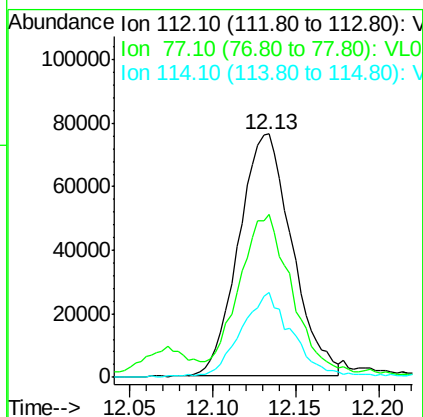
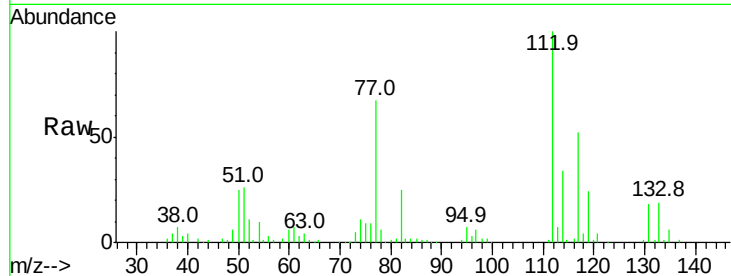


#57
Chlorobenzene
Concen: 1.03 ppbv
RT: 12.13 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:20

Tgt Ion: 112
Ion Ratio: 100
77 63.1
114 34.1

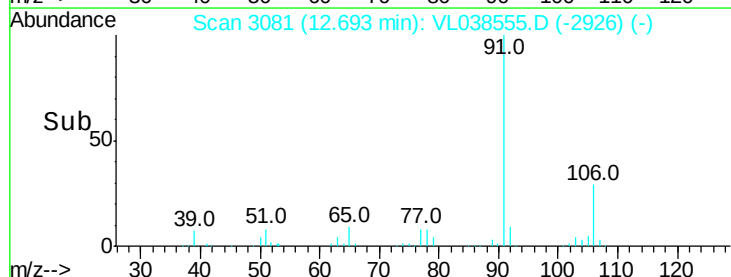
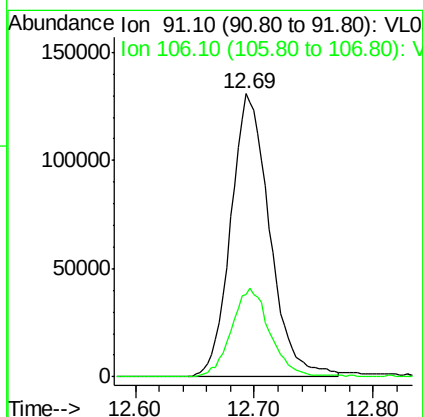
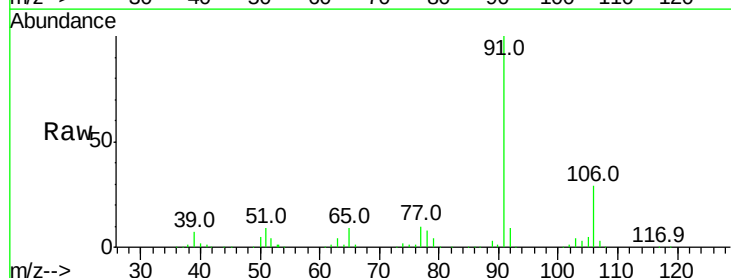
Manual Integrations
APPROVED

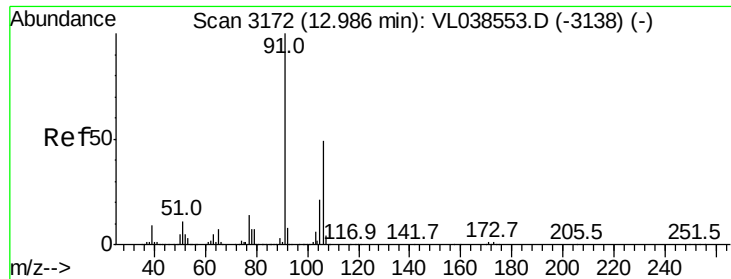
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#58
Ethyl Benzene
Concen: 1.00 ppbv
RT: 12.69 min Scan# 3081
Delta R.T.: -0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 292929
Ion Ratio Lower Upper
91 100
106 29.1 24.6 37.0



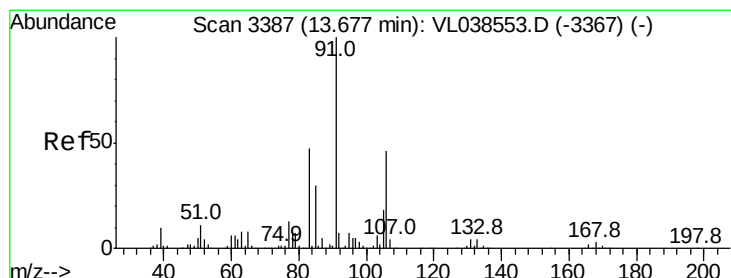
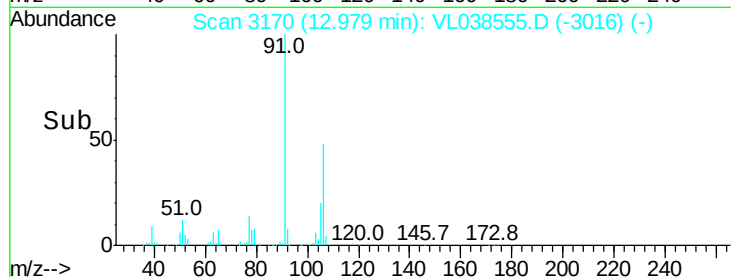
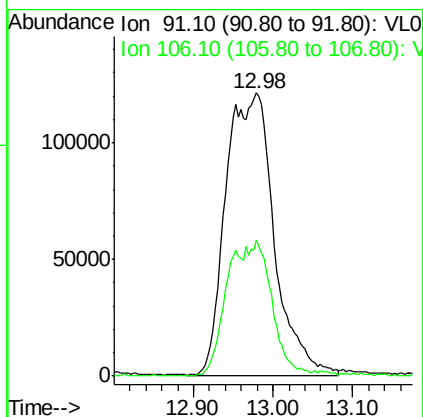
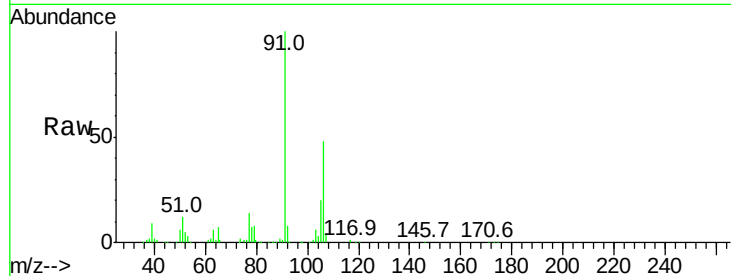


#59
m/p-Xylene
Concen: 2.04 ppbv m
RT: 12.98
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Mar 2022 12:26

Tgt Ion:
Ion Ratio
91 100
106 44.

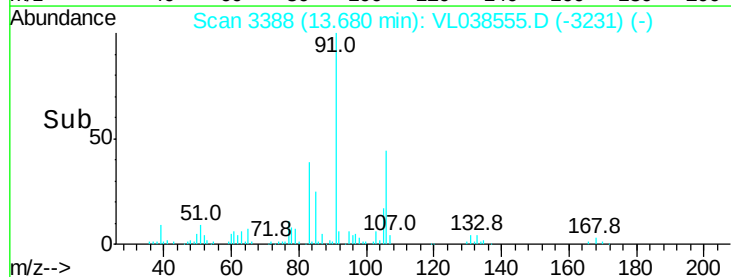
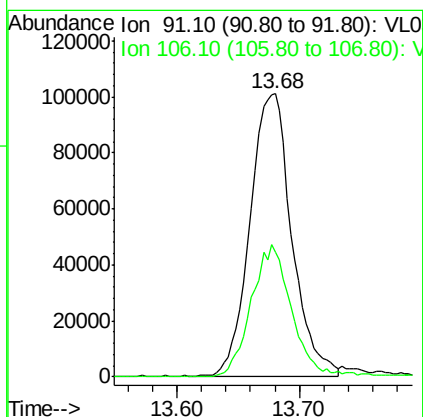
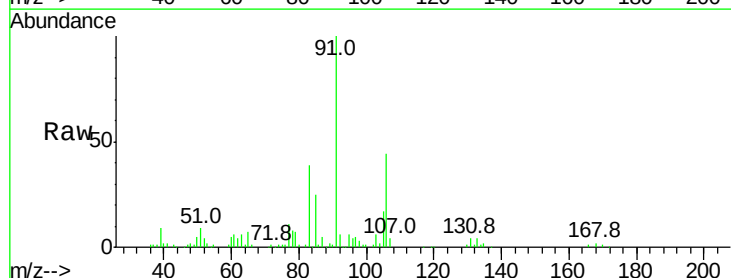
Manual Integrations
APPROVED

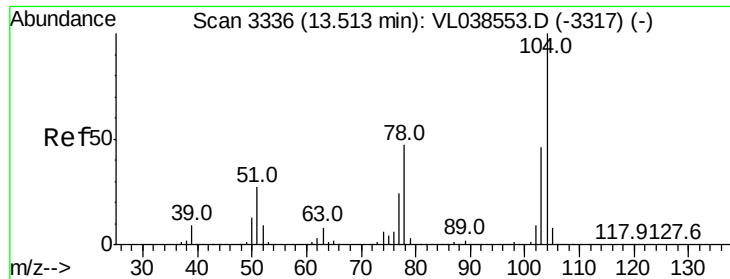
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 1.00 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 238247
Ion Ratio Lower Upper
91 100
106 46.6 23.5 70.6



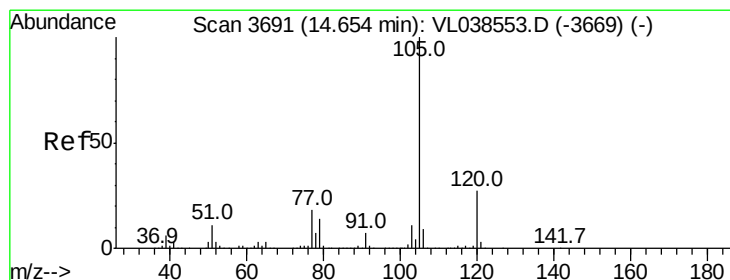
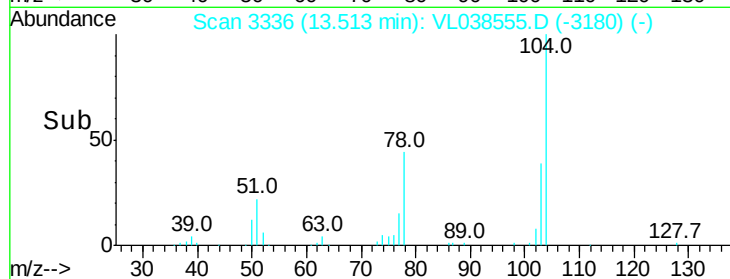
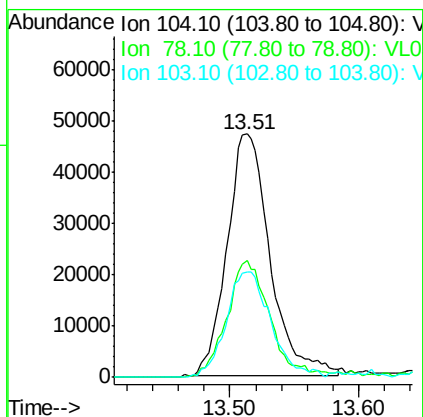
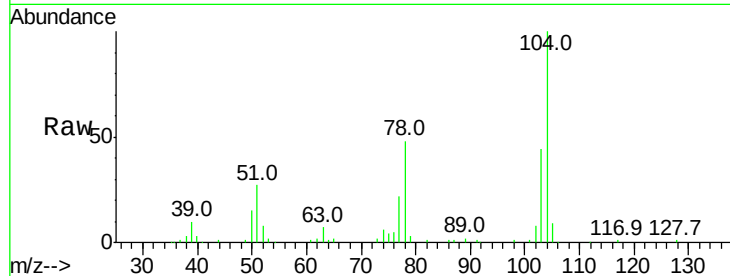


#61
Styrene
Concen: 1.00 ppbv
RT: 13.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:26

Tgt Ion:1
Ion Rati
104 100
78 49.
103 45.

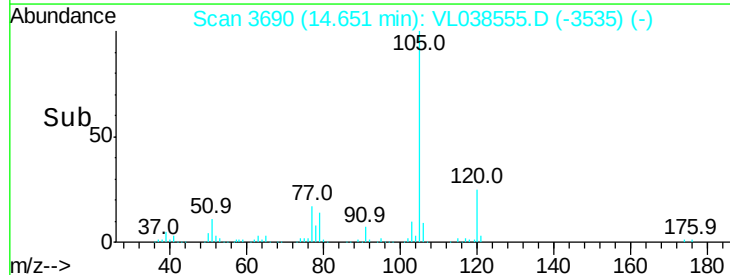
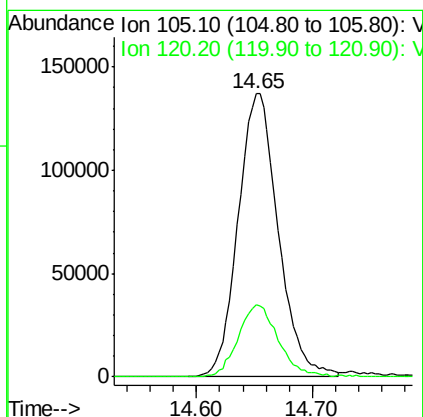
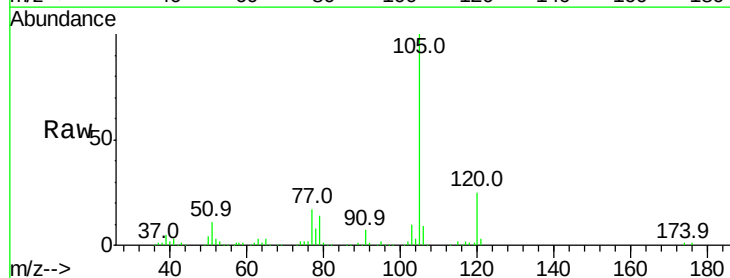
Manual Integrations
APPROVED

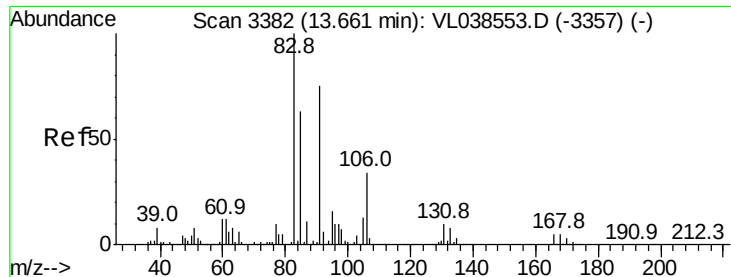
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#62
Isopropylbenzene
Concen: 1.03 ppbv
RT: 14.65 min Scan# 3690
Delta R.T. -0.00 min
Lab File: VL038553.D
Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 330165
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8



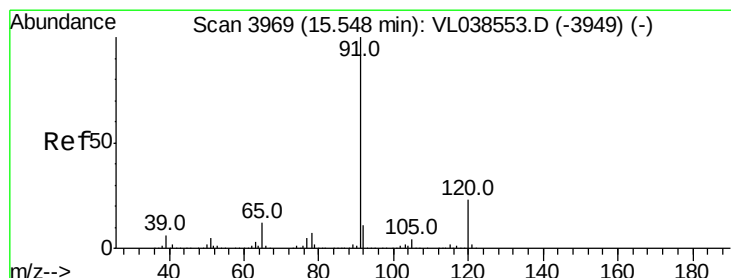
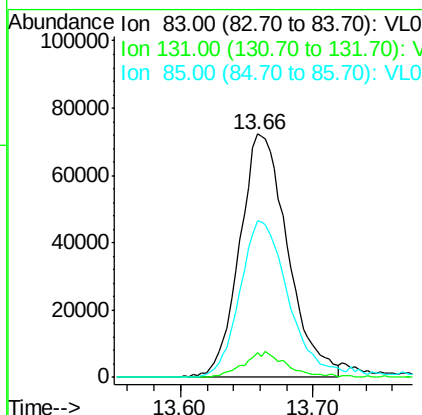
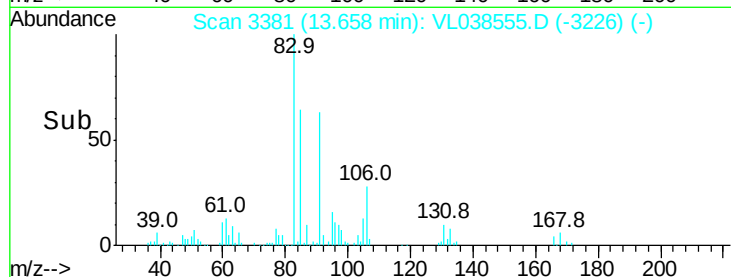
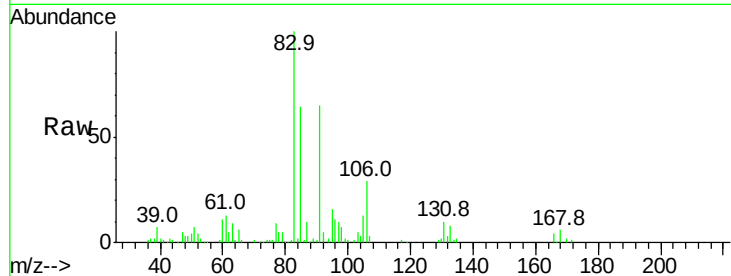


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.94 ppbv
 RT: 13.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 67.

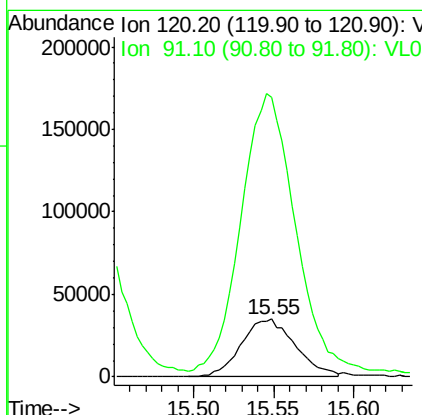
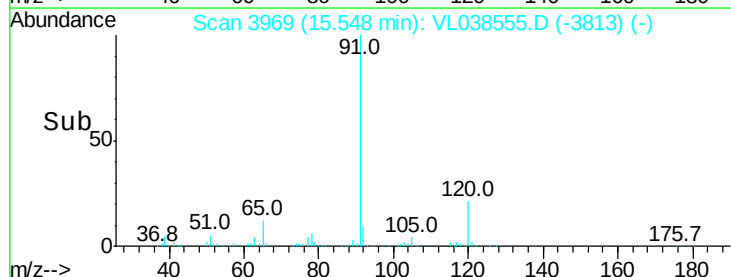
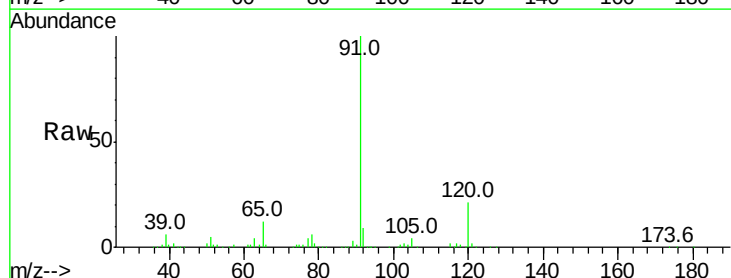
Manual Integrations
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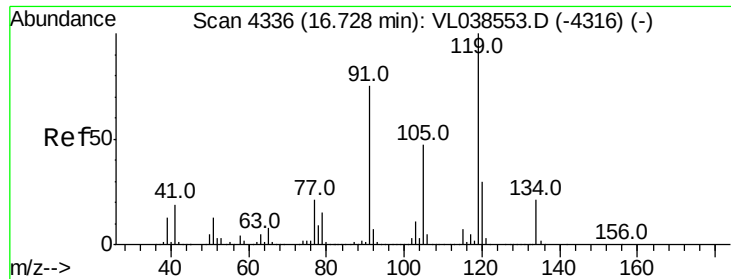
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 1.03 ppbv
 RT: 15.55 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion:120 Resp: 81262
 Ion Ratio Lower Upper
 120 100
 91 510.9 374.2 561.2



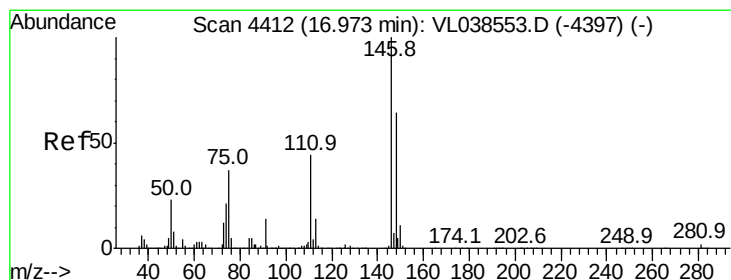
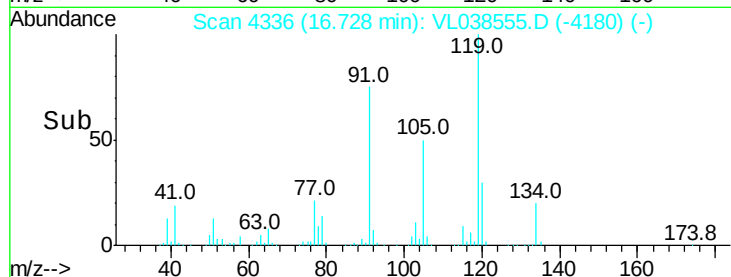
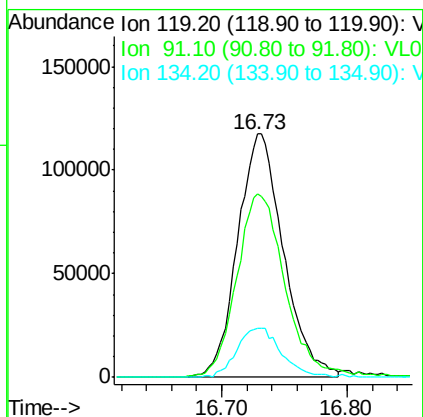
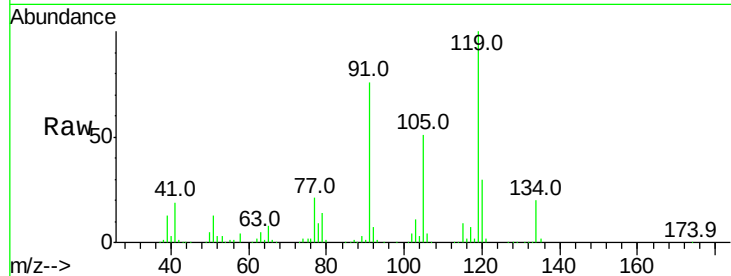


#65
 tert-Butylbenzene
 Concen: 1.08 ppbv
 RT: 16.73
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Mar 2022 12:20

Tgt Ion: 1
 Ion Ratio
 119 100
 91 80.
 134 20.

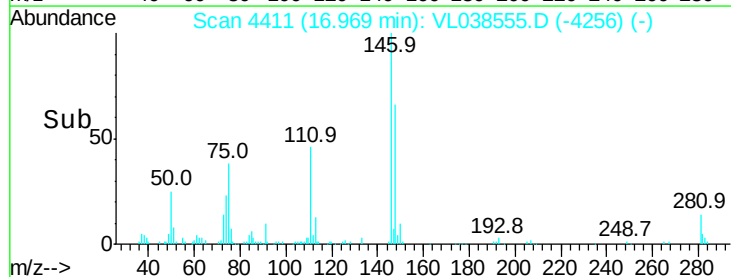
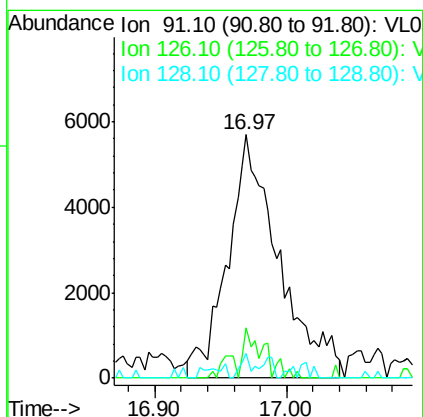
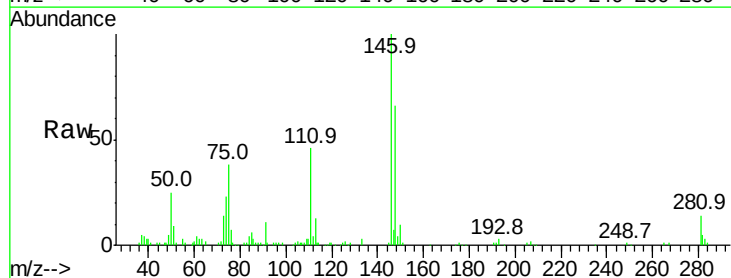
Manual Integrations
 APPROVED

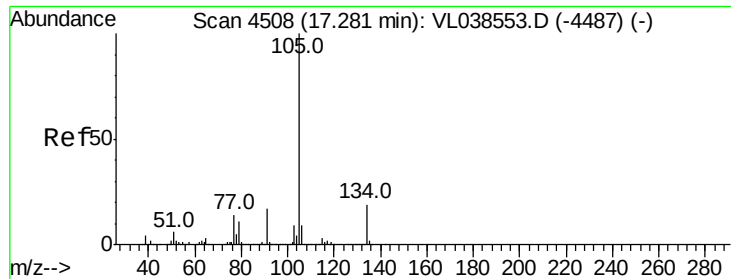
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#66
 Benzyl Chloride
 Concen: 1.02 ppbv m
 RT: 16.97 min Scan# 4411
 Delta R.T. -0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 15244
 Ion Ratio Lower Upper
 91 100
 126 10.9 14.1 21.1#
 128 6.4 5.1 7.7



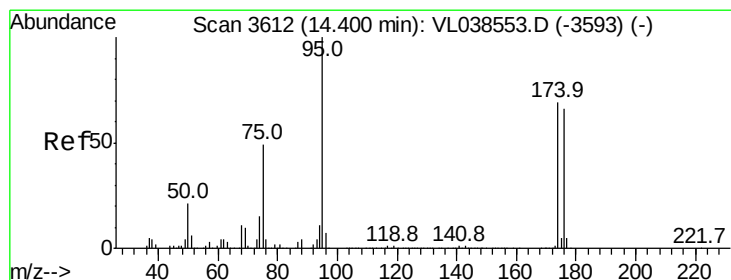
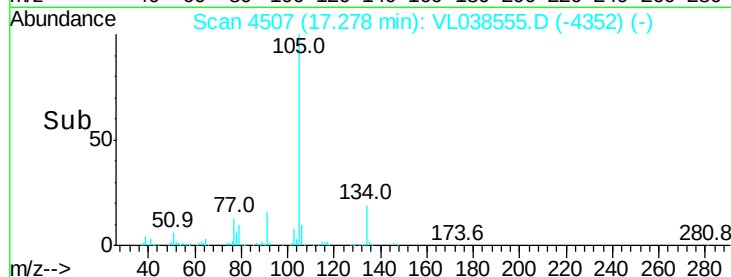
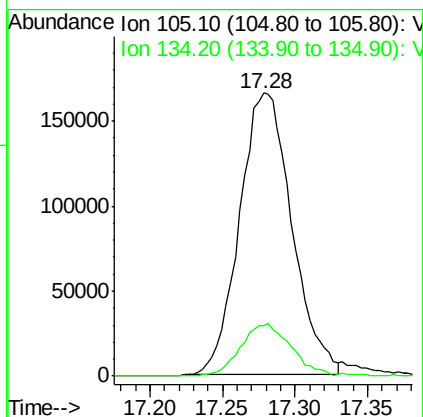
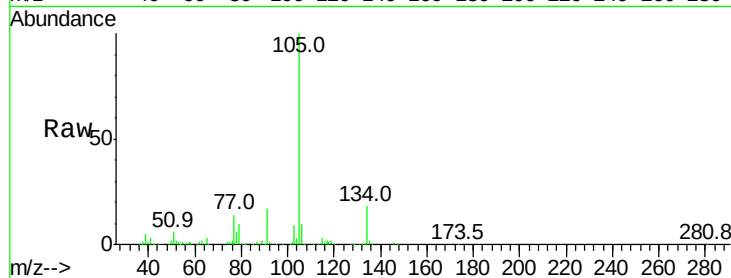


#67
 sec-Butylbenzene
 Concen: 1.06 ppbv
 RT: 17.28
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:28

Tgt Ion: 1
 Ion Ratio
 105 100
 134 18.

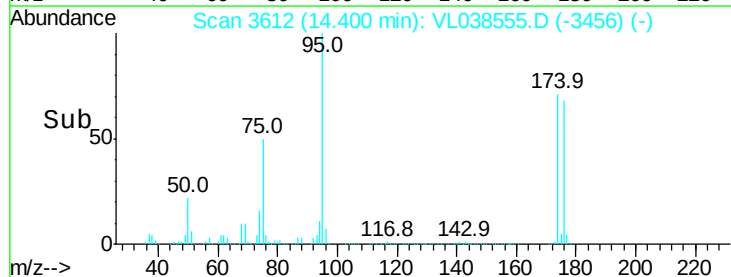
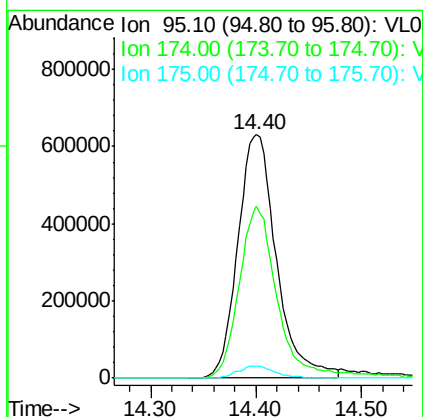
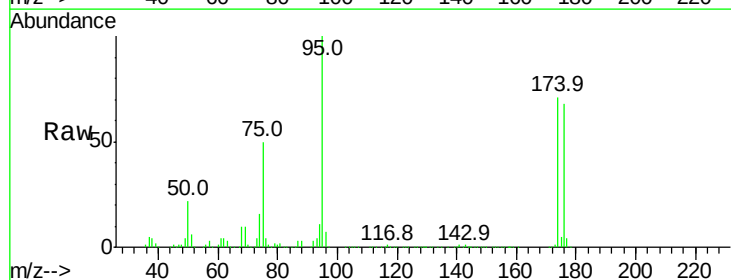
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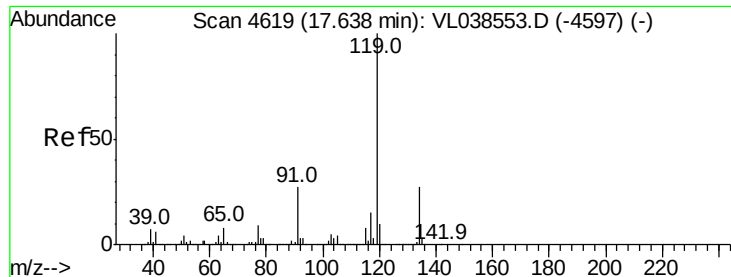
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.04 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 95 Resp: 1602027
 Ion Ratio Lower Upper
 95 100
 174 71.9 56.2 84.4
 175 5.1 4.2 6.2



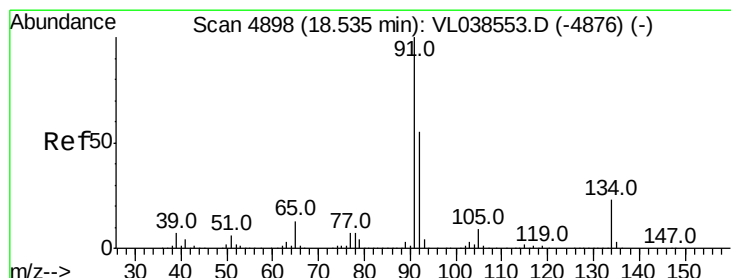
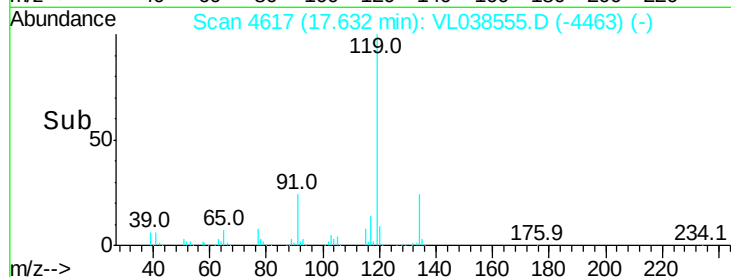
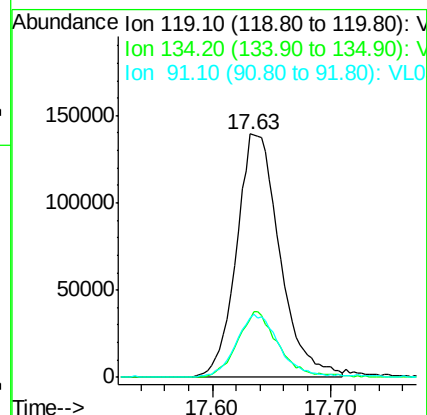
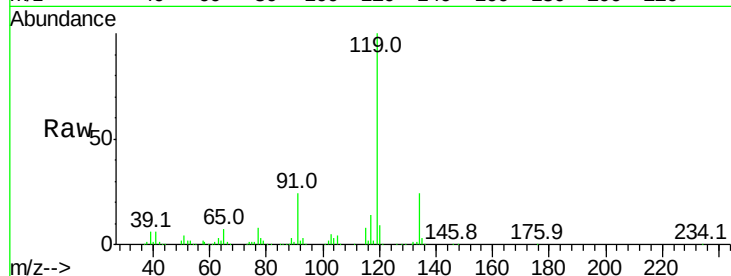


#69
 p-Isopropyltoluene
 Concen: 1.14 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:26

Tgt Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 26.

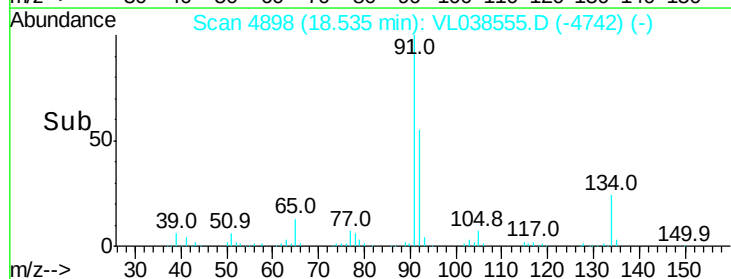
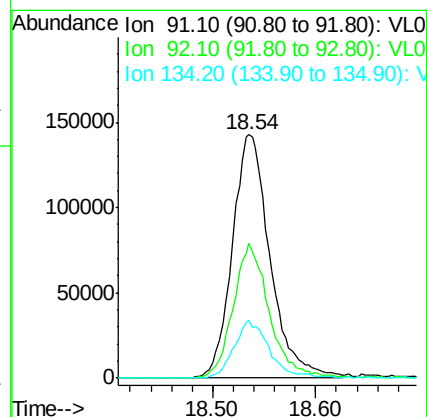
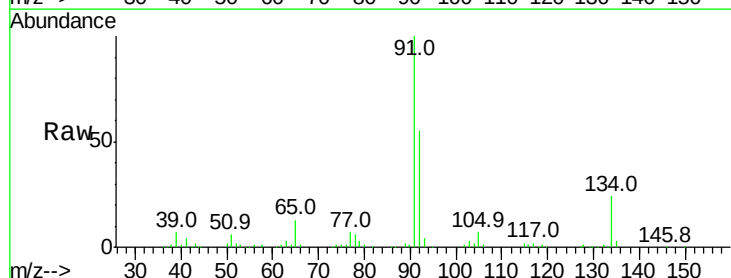
Manual Integrations
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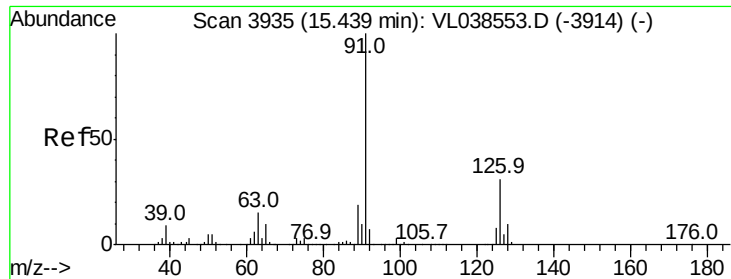
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#70
 n-Butylbenzene
 Concen: 1.14 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. 0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion: 91 Resp: 363975
 Ion Ratio Lower Upper
 91 100
 92 53.1 43.8 65.8
 134 22.3 18.7 28.1





#71

2-Chlorotoluene

Concen: 1.00 ppbv

RT: 15.44

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 12:20

Tgt Ion:

Ion Ratio

91 100

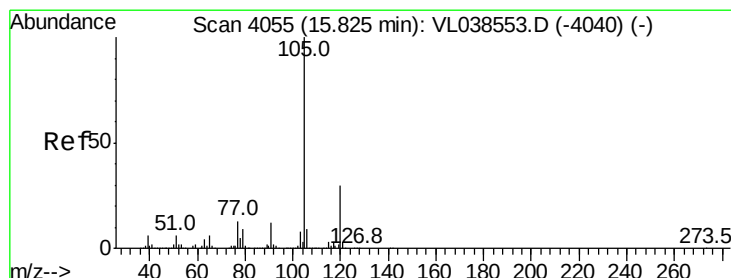
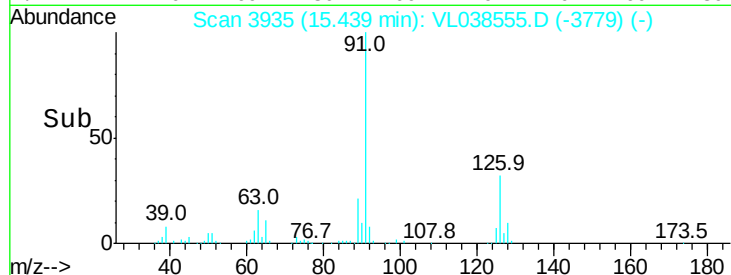
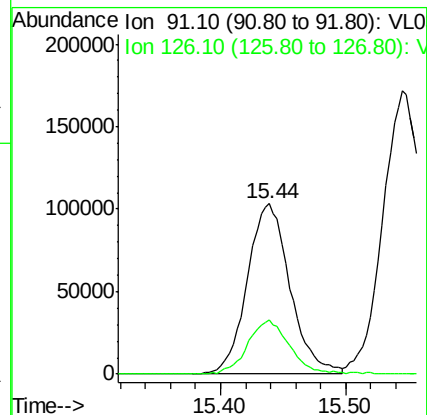
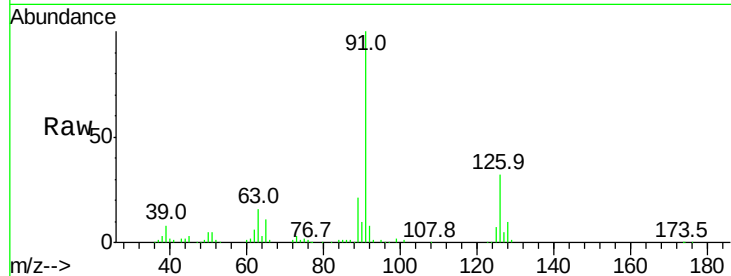
126 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#72

4-Ethyltoluene

Concen: 1.03 ppbv

RT: 15.82 min Scan# 4055

Delta R.T. 0.00 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 268643

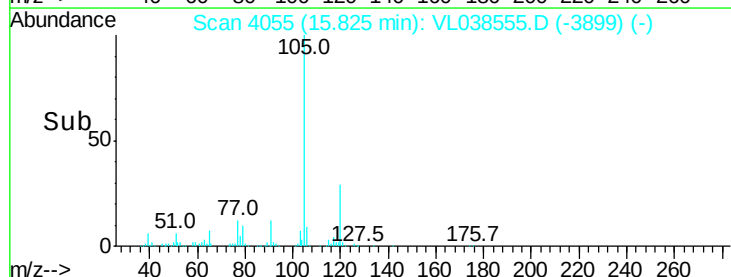
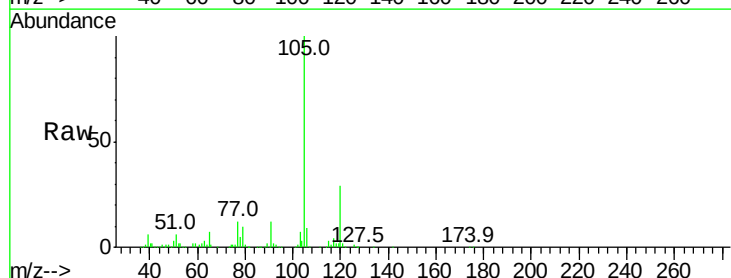
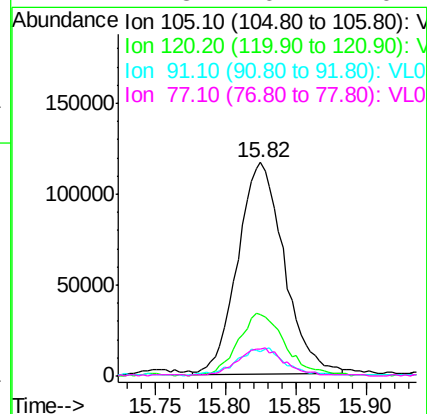
Ion Ratio Lower Upper

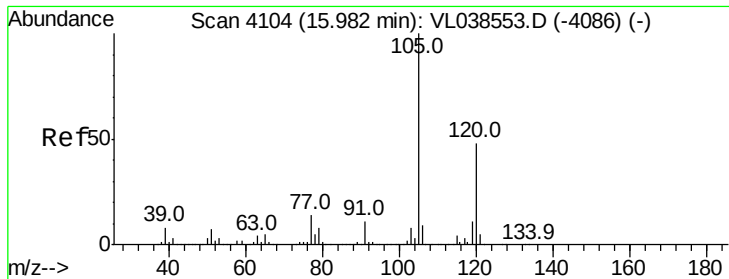
105 100

120 30.6 25.0 37.4

91 13.6 9.8 14.6

77 14.3 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 1.08 ppbv m

RT: 15.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Mar 2022 12:26

Tgt Ion:1

Ion Ratio

105 100

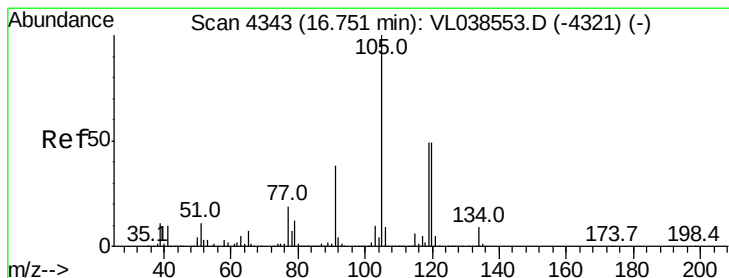
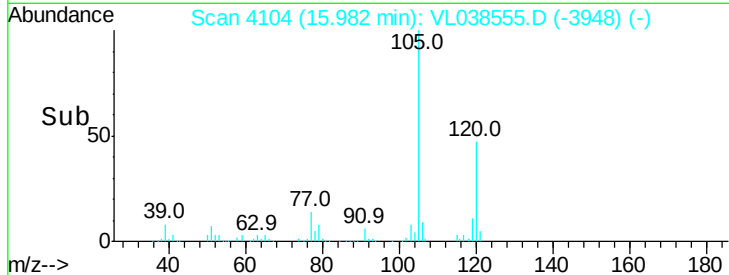
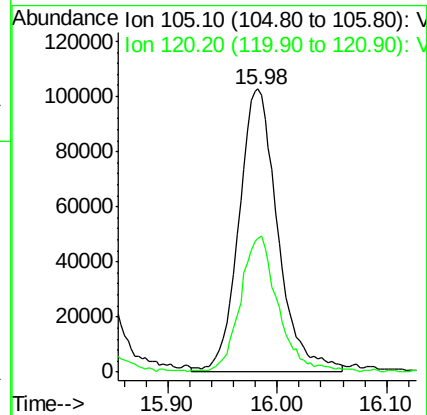
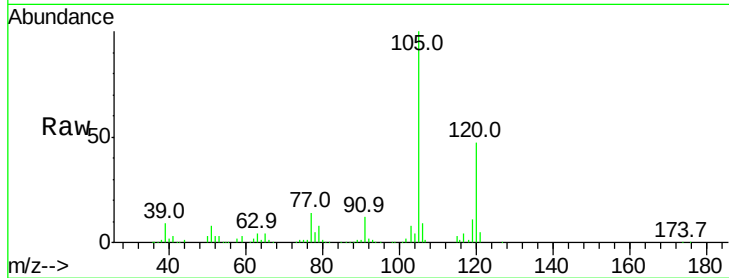
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 1.10 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.01 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

Tgt Ion:105 Resp: 276103

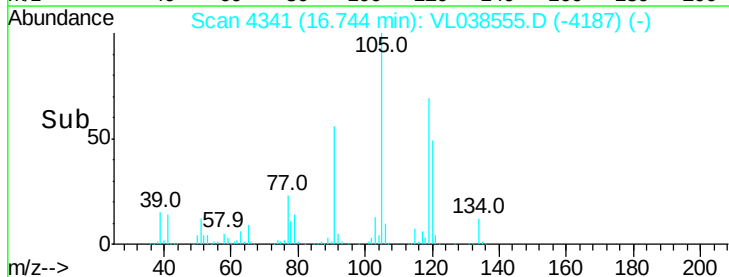
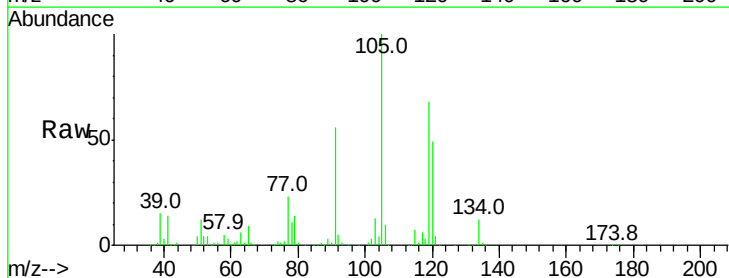
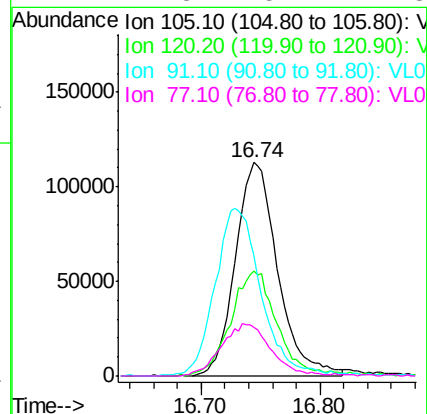
Ion Ratio Lower Upper

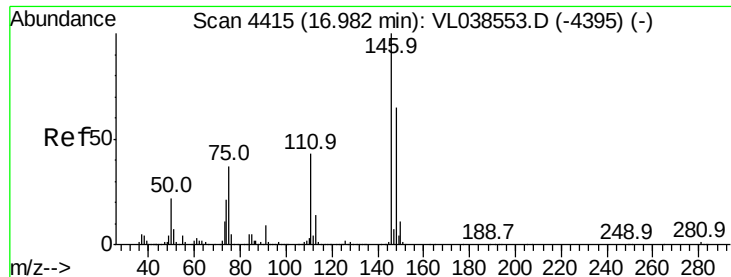
105 100

120 52.6 38.9 58.3

91 55.1 30.6 46.0#

77 22.3 15.2 22.8



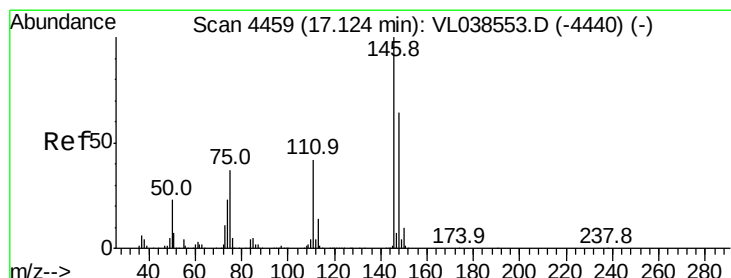
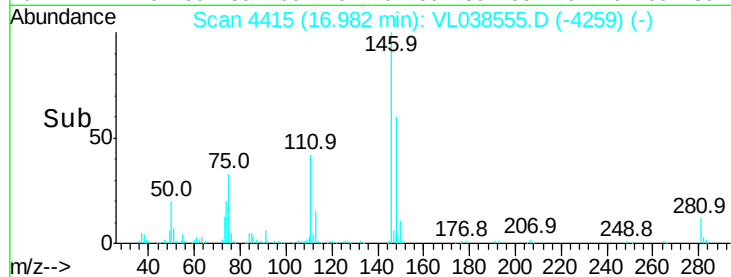
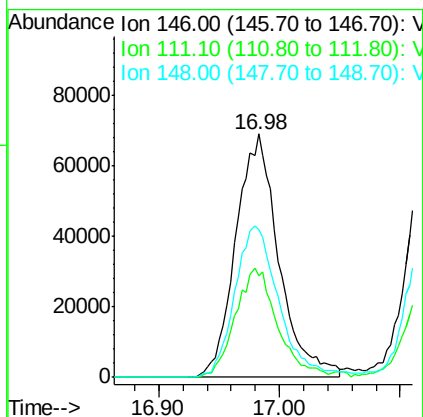
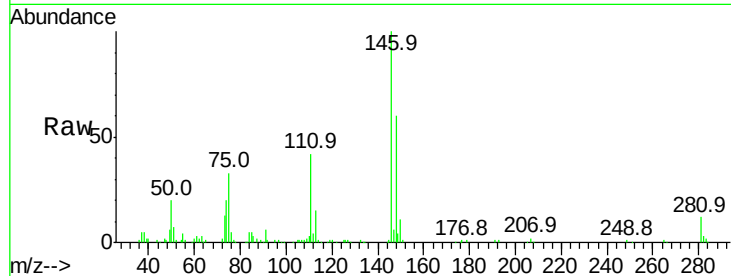


#75
 1,3-Dichlorobenzene
 Concen: 1.20 ppbv m
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled:
 VSTDIC001
 Acq: 8 Mar 2022 12:20

Tgt Ion:1
 Ion Rati
 146 100
 111 44.
 148 63.

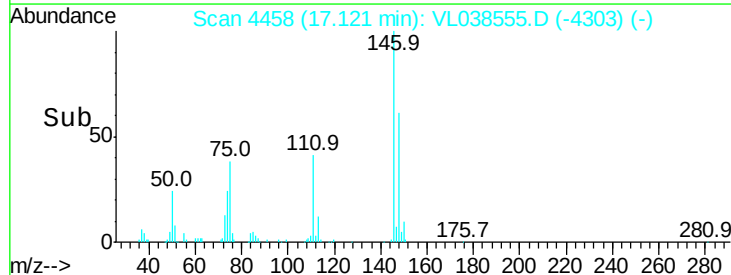
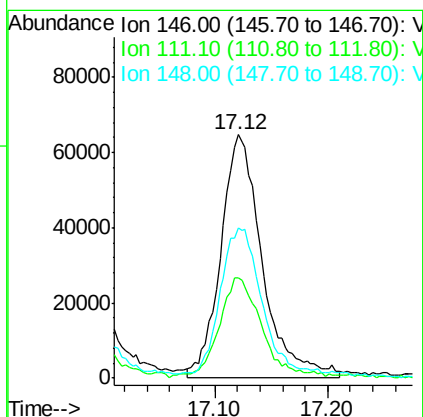
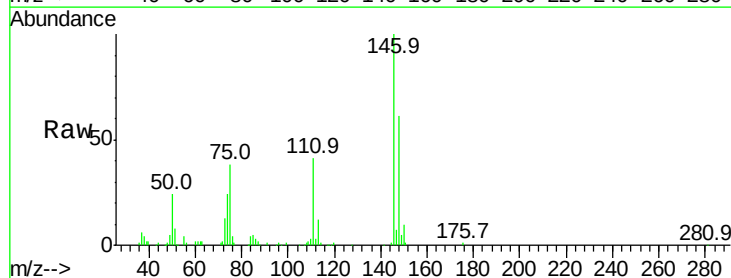
Manual Integrations
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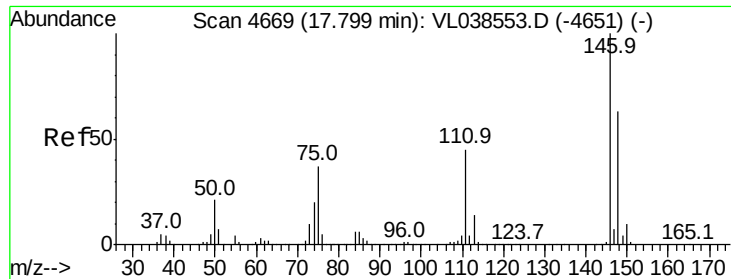
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#76
 1,4-Dichlorobenzene
 Concen: 1.20 ppbv m
 RT: 17.12 min Scan# 4458
 Delta R.T. -0.00 min
 Lab File: VL038555.D
 Acq: 8 Mar 2022 12:26

Tgt Ion:146 Resp: 166067
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 66.3 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 1.25 ppbv

RT: 17.80

Delta R.T. MSVOA_L

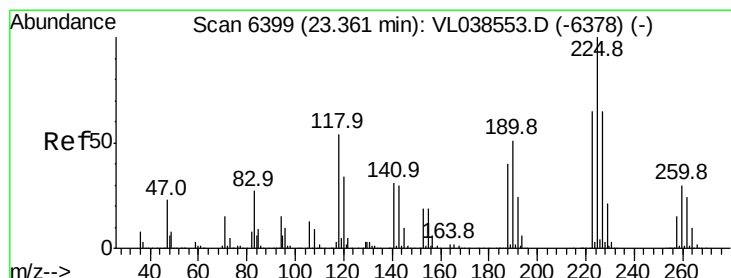
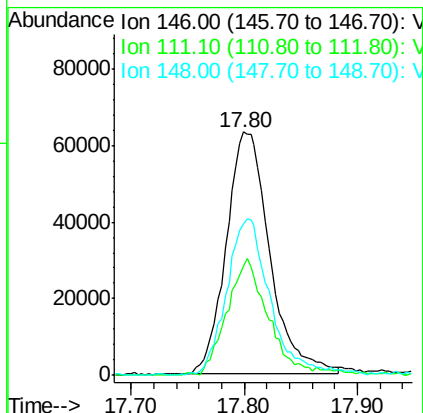
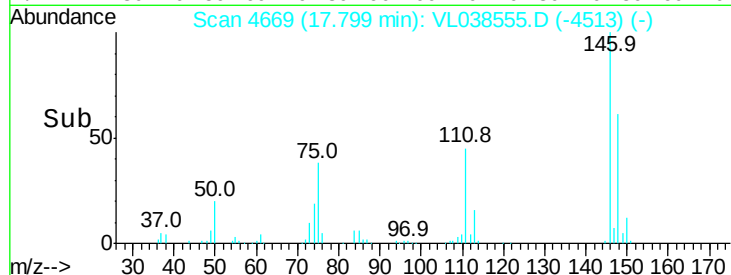
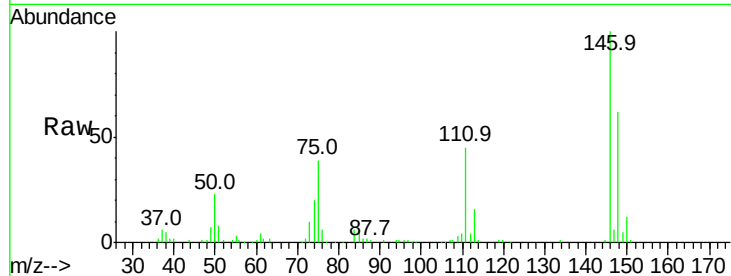
Lab File: ClientSampleId :

Acq: 8 Mar 2022 12:26

Tgt Ion:1
Ion Rati
146 100
111 47.
148 65.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#78

Hexachloro-1,3-Butadiene

Concen: 1.73 ppbv

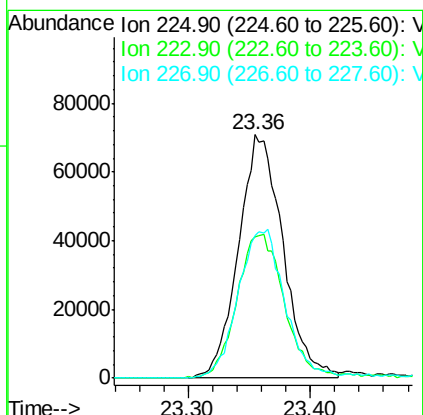
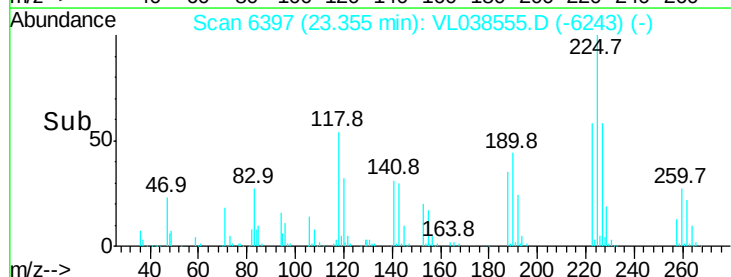
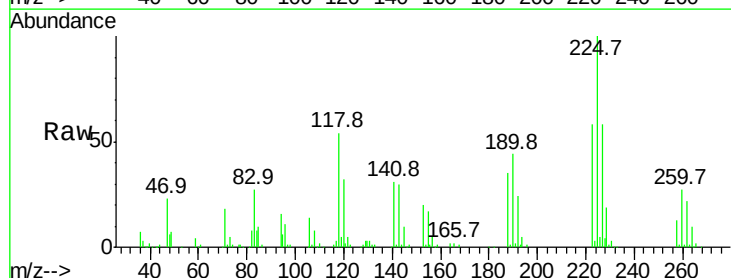
RT: 23.36 min Scan# 6397

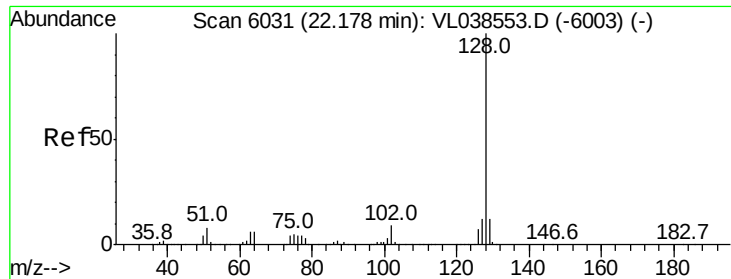
Delta R.T. -0.01 min

Lab File: VL038555.D

Acq: 8 Mar 2022 12:26

Tgt Ion:225 Resp: 178281
Ion Ratio Lower Upper
225 100
223 64.8 51.4 77.0
227 65.5 51.9 77.9



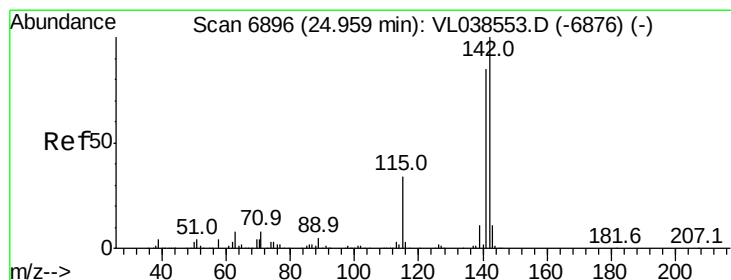
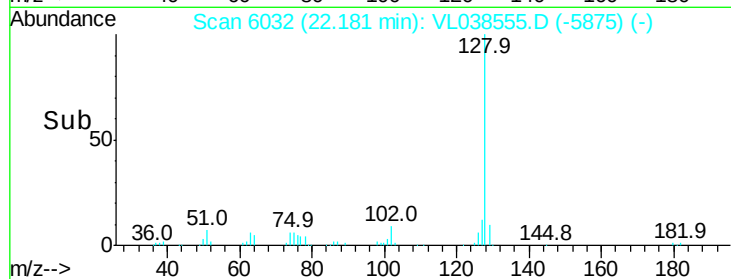
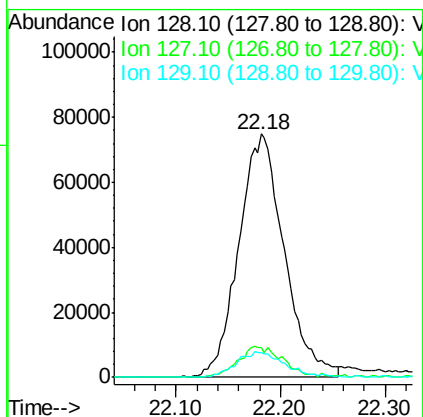
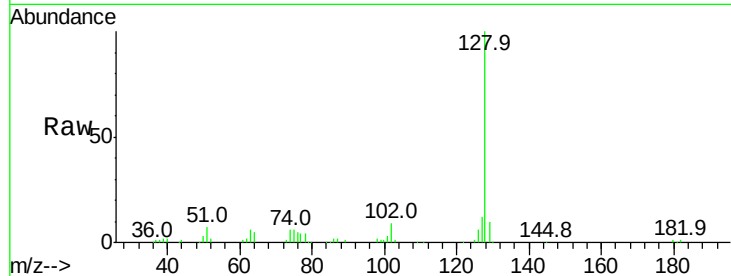


#79
Naphthalene
Concen: 1.66 ppbv m
RT: 22.18
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Mar 2022 12:20

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

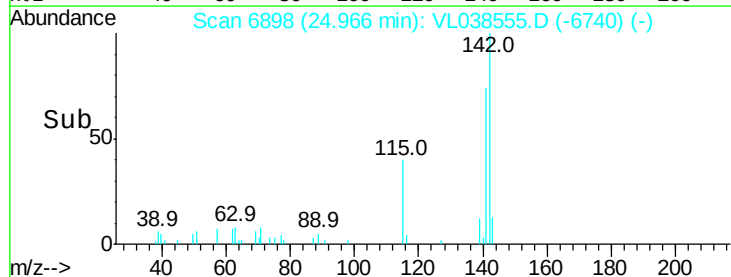
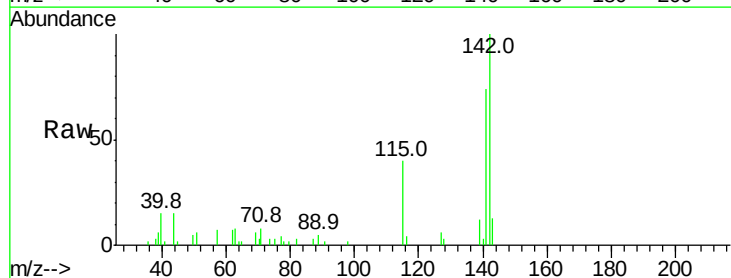
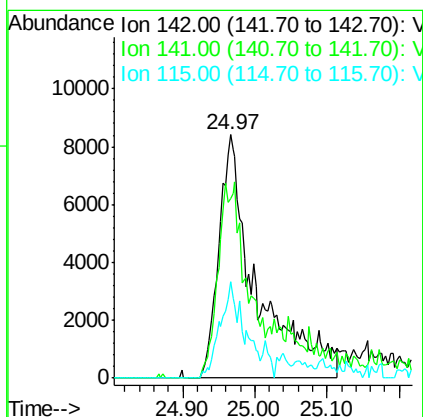
Manual Integrations
APPROVED

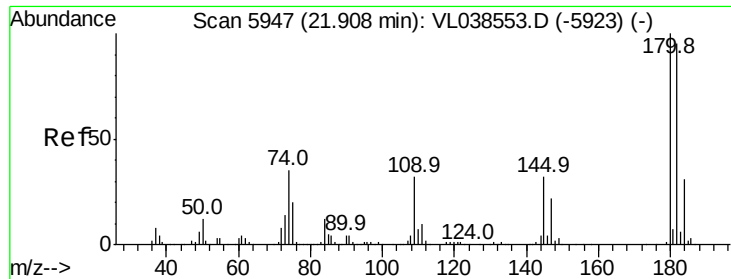
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#80
Naphthalene, 2-methyl-
Concen: 1.16 ppbv m
RT: 24.97 min Scan# 6898
Delta R.T. 0.01 min
Lab File: VL038555.D
Acq: 8 Mar 2022 12:26

Tgt Ion:142 Resp: 30774
Ion Ratio Lower Upper
142 100
141 84.3 68.4 102.6
115 35.4 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 1.75 ppbv m
 RT: 21.90
 Delta R.T
 Lab File: ClientSampleId :
 VSTDIC001
 Acq: 8 Mar 2022 12:20

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022

