

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030922\
 Data File : VL038573.D
 Acq On : 9 Mar 2022 12:28
 Operator : SY/AP
 Sample : VL0309ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0309ABS01

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 00:47:16 2022

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

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

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	889727	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2366759	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	2139099m	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1720959	10.58	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1331474	9.91	ppbv	99
3) Chlorodifluoromethane	3.00	51	1441596	9.19	ppbv	99
4) Chloromethane	3.15	50	565618	9.73	ppbv	99
5) Vinyl Chloride	3.27	62	551401	9.45	ppbv	98
6) Bromomethane	3.48	94	302279	9.65	ppbv	99
7) Chloroethane	3.56	64	185664	9.82	ppbv	97
8) Dichlorotetrafluoroethane	3.20	85	1275995	9.79	ppbv	100
9) Propene	3.02	41	508435	9.18	ppbv	99
10) Heptane	8.13	43	1318889	9.96	ppbv	97
11) Trichlorofluoromethane	3.96	101	1164806	9.89	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	921146	10.05	ppbv	98
13) Ethanol	3.61	45	54074	8.50	ppbv	100
14) Bromoethene	3.74	108	402544	10.31	ppbv	100
15) Acetone	3.85	43	649435	10.35	ppbv	98
16) 1,3-Butadiene	3.34	39	495582	9.83	ppbv	97
17) tert-Butyl alcohol	4.29	59	674672	9.89	ppbv	100
18) 1,1-Dichloroethene	4.29	96	413715	10.09	ppbv	99
19) Isopropyl Alcohol	3.97	45	408372	9.75	ppbv	99
20) Methylene Chloride	4.35	84	338054	8.95	ppbv	100
21) Allyl Chloride	4.42	41	602122	9.95	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	444798	10.35	ppbv	99
23) Vinyl Acetate	5.08	43	988526	10.99	ppbv	99
24) 1,1-Dichloroethane	5.02	63	805520	9.85	ppbv	100
25) Ethyl Acetate	5.68	43	2050158	9.70	ppbv	100
26) Hexane	5.69	57	964479	9.72	ppbv	99
27) Carbon Disulfide	4.56	76	1079499	10.92	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	803495	9.95	ppbv	100
29) Chloroform	5.75	83	1483857	9.61	ppbv	98
30) Cyclohexane	7.13	84	828164	9.65	ppbv	99
31) cis-1,2-Dichloroethene	5.56	61	906935	9.55	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	1420189	9.48	ppbv	100
34) 2-Butanone	5.25	43	631306	10.29	ppbv	97
35) Carbon Tetrachloride	7.02	117	1499003	9.29	ppbv	98
36) Benzene	6.90	78	2078801	9.73	ppbv	99
37) 1,2-Dichloroethane	6.31	62	997711	9.78	ppbv	100
38) Trichloroethene	7.84	130	796276	9.33	ppbv	98
39) 1,2-Dichloropropane	7.62	63	795708	9.69	ppbv	100
40) 1,4-Dioxane	7.84	88	200304	9.74	ppbv #	1
41) Tetrahydrofuran	6.05	42	492201	9.81	ppbv	99
42) Bromodichloromethane	7.80	83	1601063	9.89	ppbv	99
43) Methyl Methacrylate	8.02	69	754138	10.29	ppbv	96

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

Quant Time: Mar 10 00:47:16 2022

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

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

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3411545	9.45	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	604099	11.43	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	775312	10.73	ppbv	97
47) 1,1,2-Trichloroethane	9.48	97	843433	10.08	ppbv	98
48) Dibromochloromethane	10.31	129	1425257	10.72	ppbv	99
49) Bromoform	13.04	173	1194487	11.73	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1260399	10.02	ppbv	99
51) 2-Hexanone	10.14	43	532654	10.02	ppbv #	99
52) Tetrachloroethene	11.23	164	747055	9.54	ppbv	99
53) Toluene	9.81	91	2359001	10.35	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1228584	10.27	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	917700	10.53	ppbv	98
57) Chlorobenzene	12.15	112	1707542	10.46	ppbv	98
58) Ethyl Benzene	12.71	91	3011380	10.87	ppbv	96
59) m/p-Xylene	13.00	91	5010998m	21.13	ppbv	
60) o-Xylene	13.70	91	2388358	10.67	ppbv	99
61) Styrene	13.53	104	1305588	11.83	ppbv	99
62) Isopropylbenzene	14.67	105	3311467	10.72	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1831712	9.68	ppbv	100
64) n-propylbenzene	15.56	120	896701	11.39	ppbv	96
65) tert-Butylbenzene	16.74	119	2902702	10.51	ppbv	99
66) Benzyl Chloride	16.99	91	182753	11.16	ppbv	99
67) sec-Butylbenzene	17.29	105	4135445	10.53	ppbv	100
69) p-Isopropyltoluene	17.65	119	3399385	10.45	ppbv	99
70) n-Butylbenzene	18.55	91	3492931	10.08	ppbv	100
71) 2-Chlorotoluene	15.45	91	2499672	10.90	ppbv	99
72) 4-Ethyltoluene	15.84	105	2899175	11.27	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2577737	10.80	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	2643987	10.37	ppbv	95
75) 1,3-Dichlorobenzene	17.00	146	1683208	10.46	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1642578	10.31	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1621602	9.96	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	1286617	8.10	ppbv	99
79) Naphthalene	22.19	128	2443268	10.65	ppbv	99
80) Naphthalene,2-methyl-	24.97	142	581681	14.36	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	1361385	9.29	ppbv	100

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

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Instrument :
MSVOA_L
ClientSampleId :
VL0309ABS01

Manual Integrations
APPROVED

Quant Time: Mar 10 00:47:16 2022

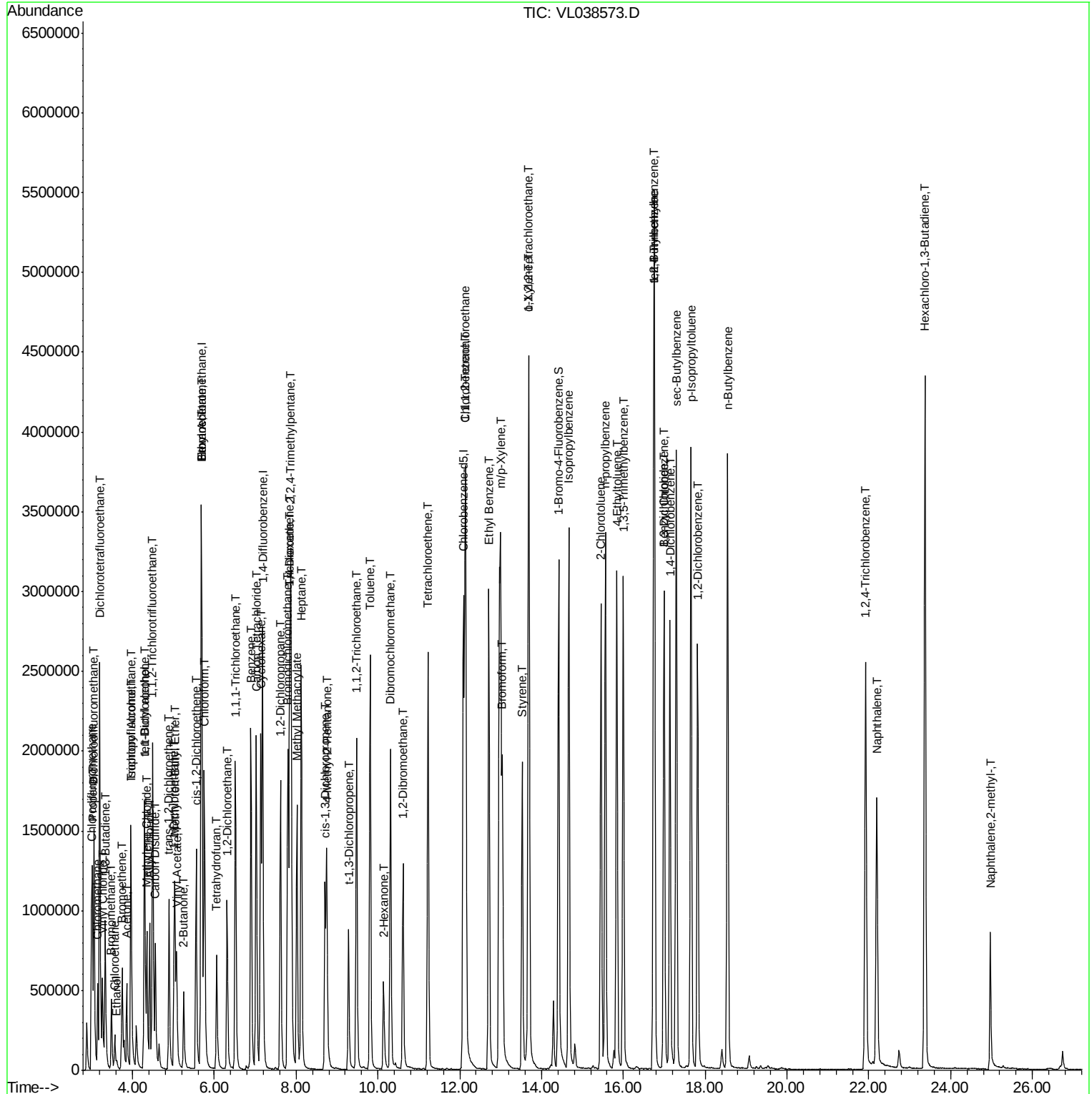
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822

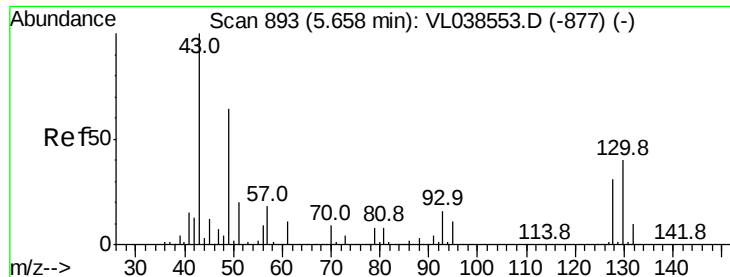
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Mar 08 21:18:44 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: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28 VL0309ABS01

Tgt Ion:

Ion Ratio

49 100

128 53.

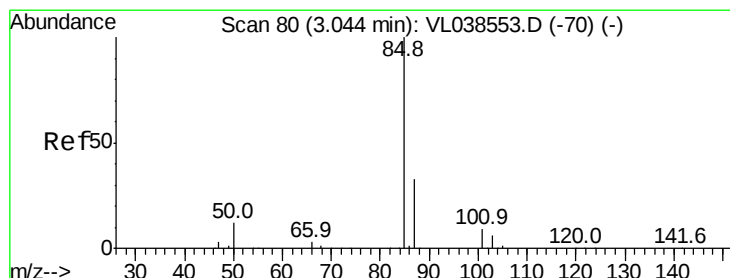
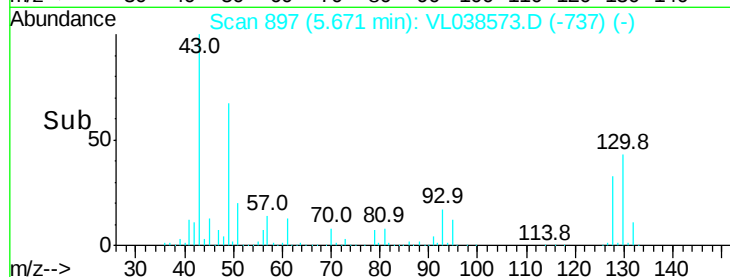
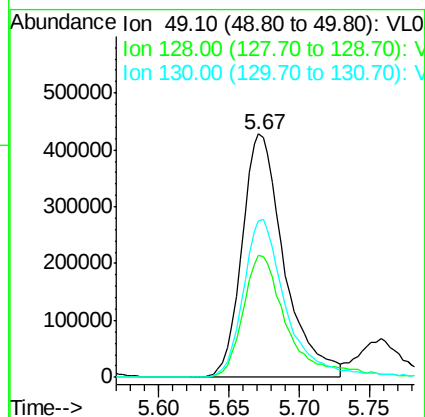
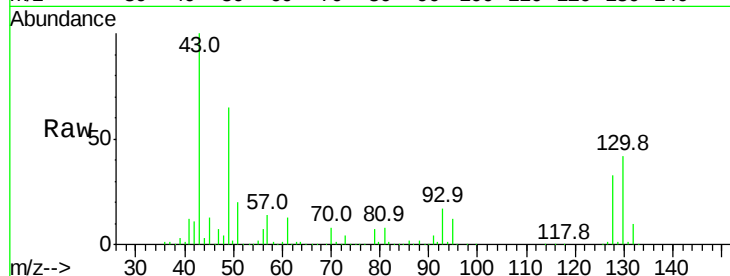
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#2

Dichlorodifluoromethane

Concen: 9.91 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.01 min

Lab File: VL038573.D

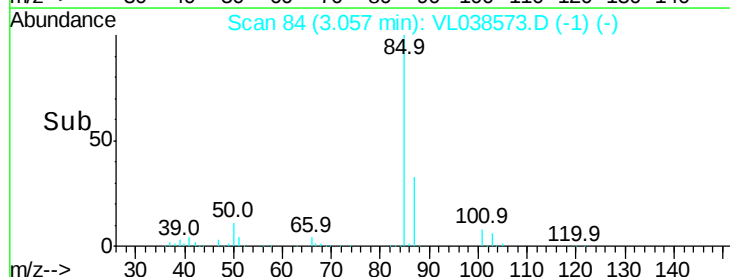
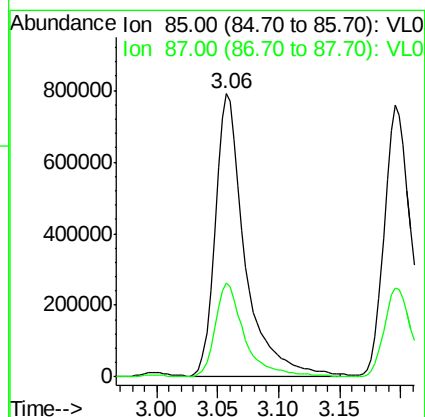
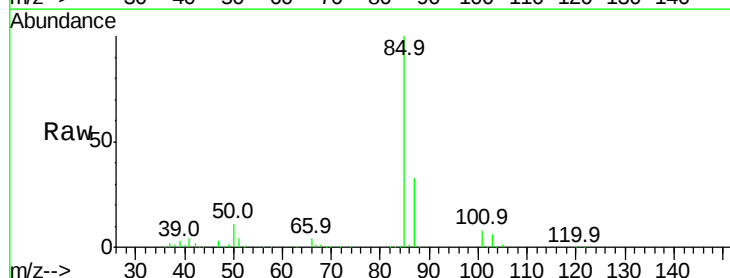
Acq: 9 Mar 2022 12:28

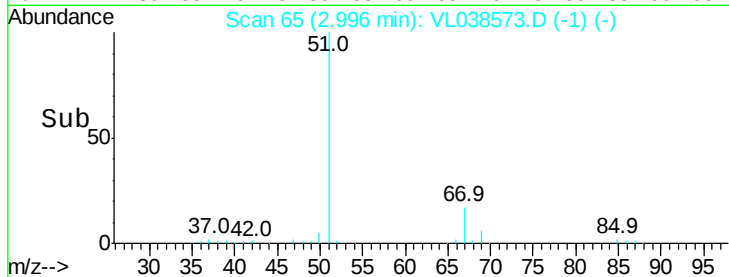
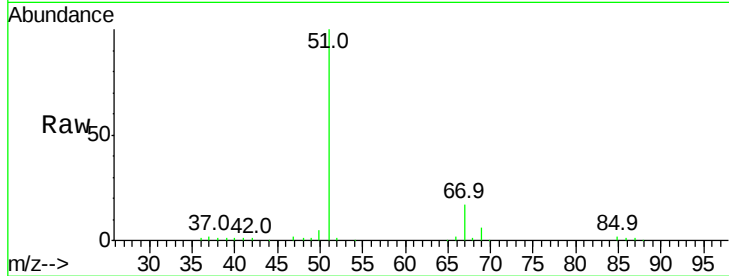
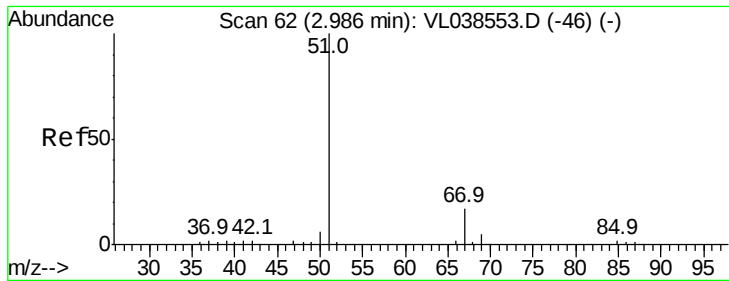
Tgt Ion: 85 Resp: 1331474

Ion Ratio Lower Upper

85 100

87 33.2 26.2 39.2





#3

Chlorodifluoromethane

Concen: 9.19 ppbv

RT: 3.00 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28 VL0309ABS01

Tgt Ion:

Ion Ratio

51 100

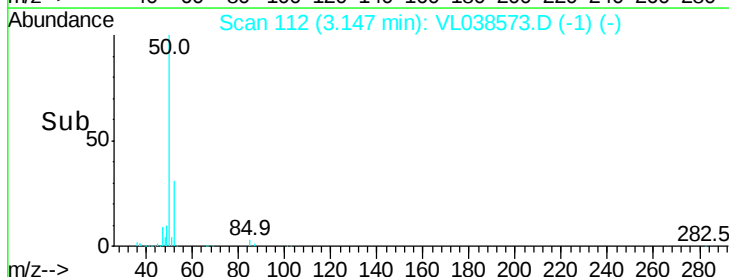
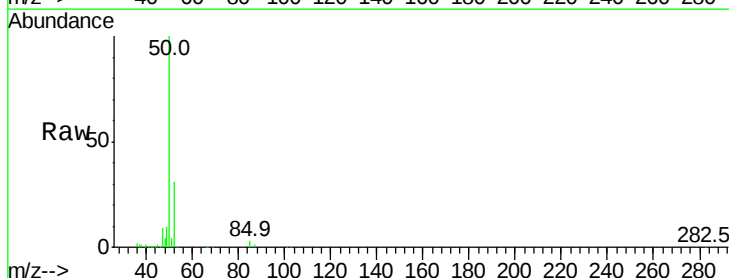
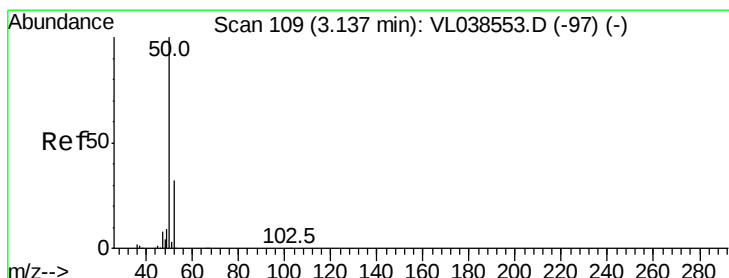
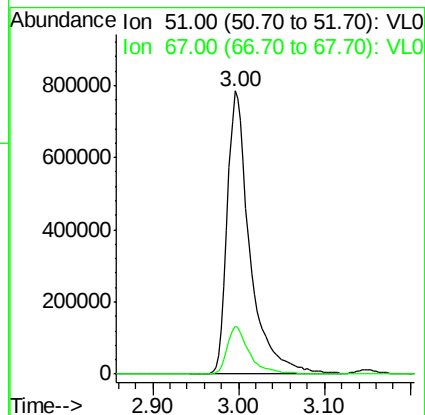
67 16.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#4

Chloromethane

Concen: 9.73 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.01 min

Lab File: VL038573.D

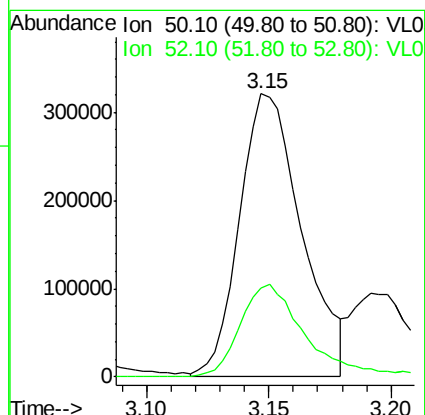
Acq: 9 Mar 2022 12:28

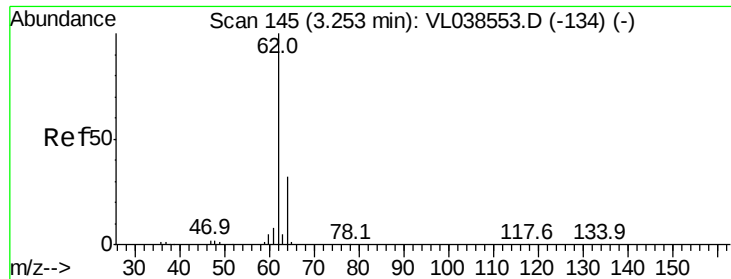
Tgt Ion: 50 Resp: 565618

Ion Ratio Lower Upper

50 100

52 31.5 25.6 38.4





#5

Vinyl Chloride

Concen: 9.45 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

62 100

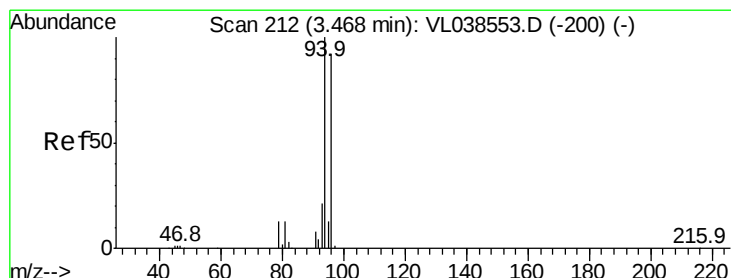
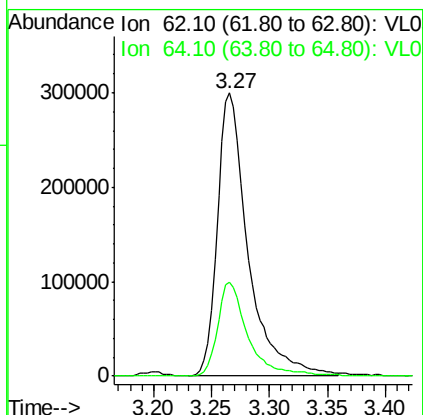
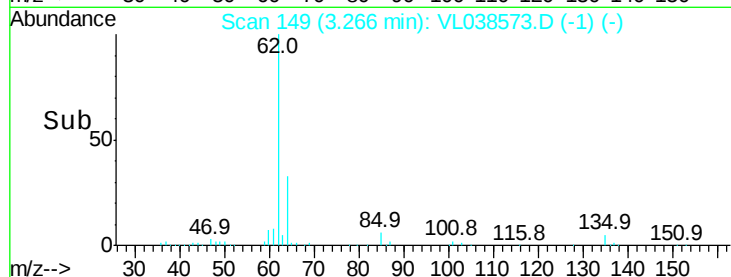
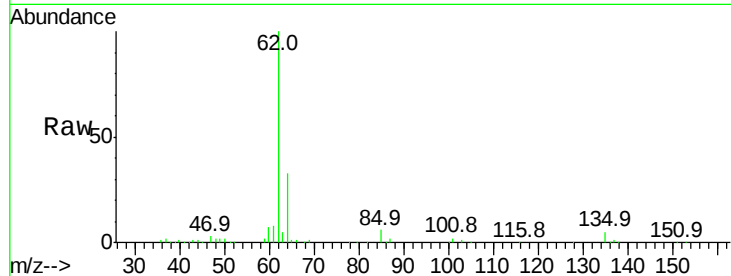
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#6

Bromomethane

Concen: 9.65 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.01 min

Lab File: VL038573.D

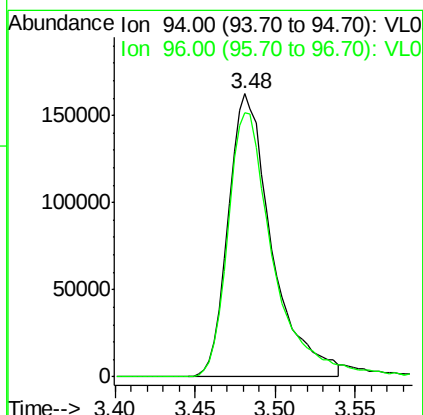
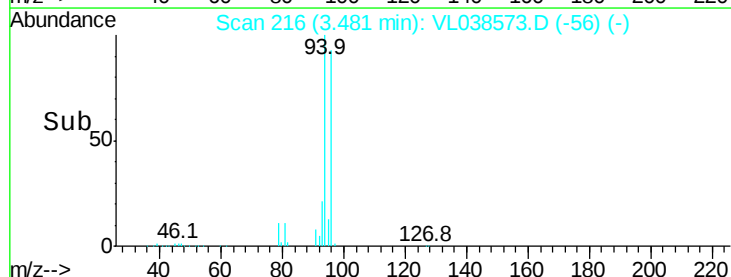
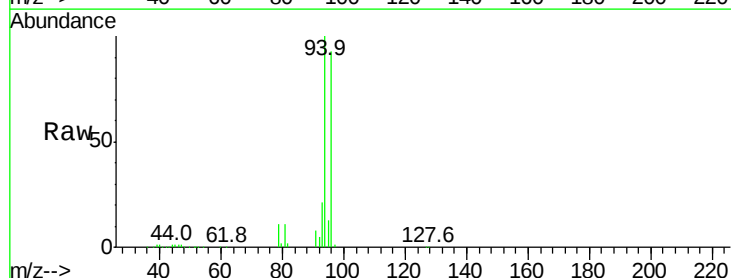
Acq: 9 Mar 2022 12:28

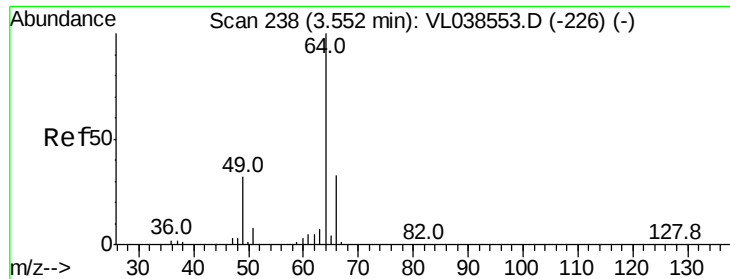
Tgt Ion: 94 Resp: 302279

Ion Ratio Lower Upper

94 100

96 93.1 73.7 110.5





#7

Chloroethane

Concen: 9.82 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28 VL0309ABS01

Tgt Ion:

Ion Ratio

64 100

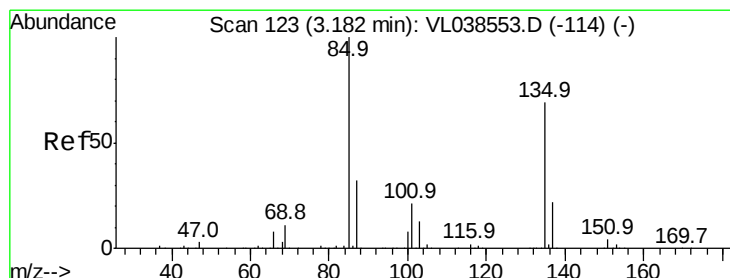
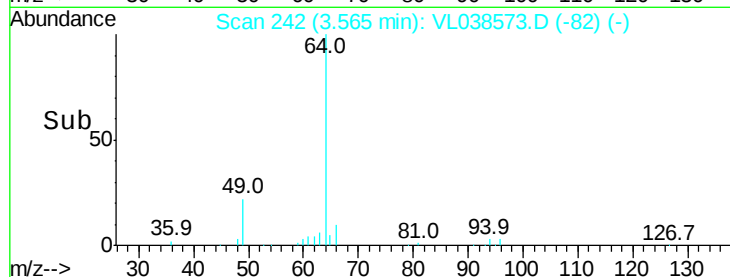
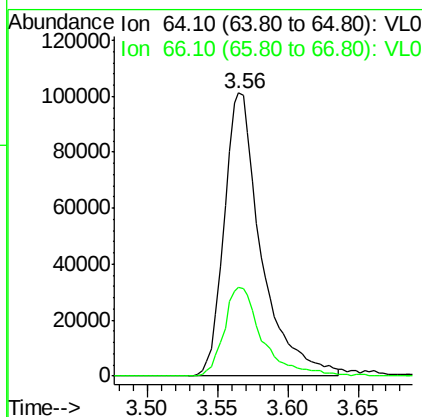
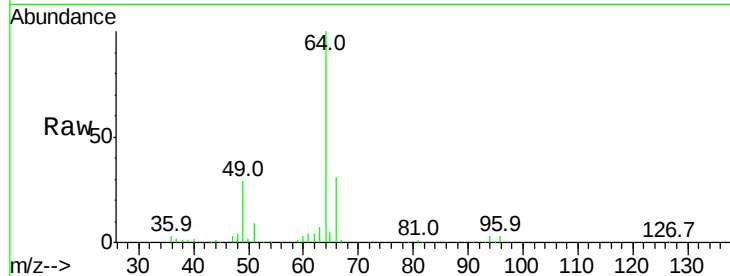
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#8

Dichlorotetrafluoroethane

Concen: 9.79 ppbv

RT: 3.20 min Scan# 127

Delta R.T. 0.01 min

Lab File: VL038573.D

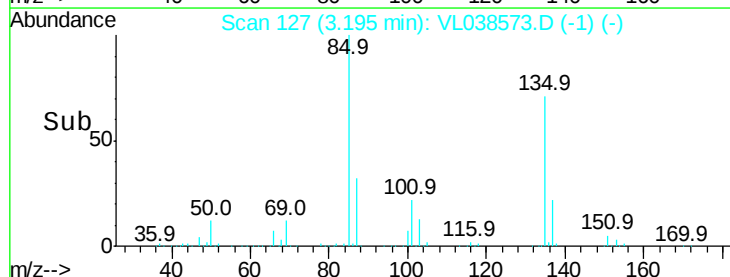
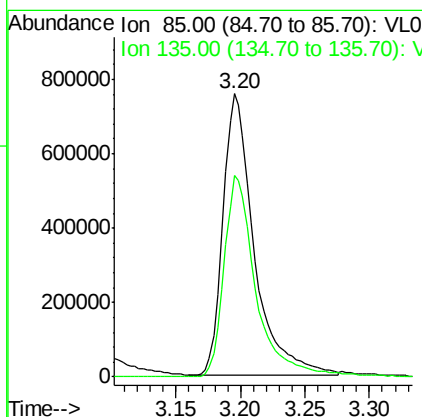
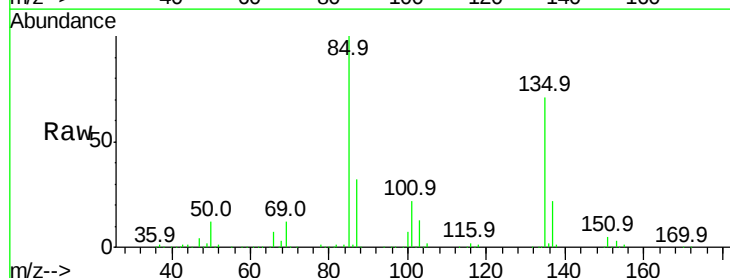
Acq: 9 Mar 2022 12:28

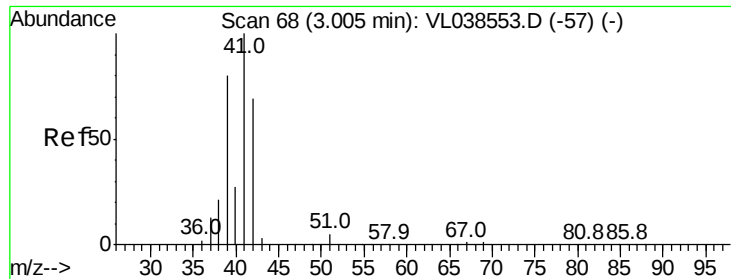
Tgt Ion: 85 Resp: 1275995

Ion Ratio Lower Upper

85 100

135 73.8 59.0 88.4





#9

Propene

Concen: 9.18 ppbv

RT: 3.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28 VL0309ABS01

Tgt Ion:

Ion Ratio

41 100

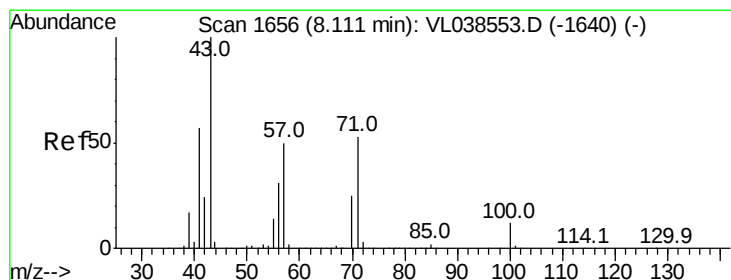
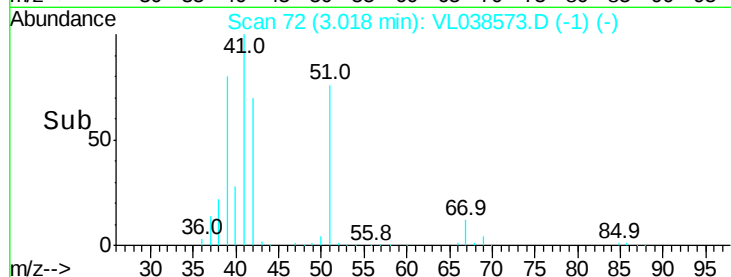
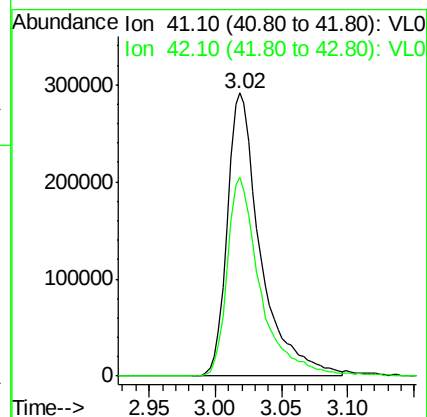
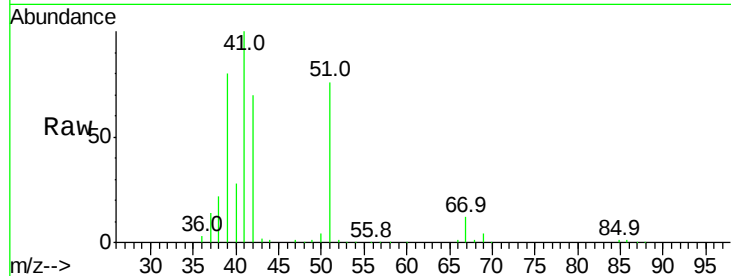
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#10

Heptane

Concen: 9.96 ppbv

RT: 8.13 min Scan# 1661

Delta R.T. 0.02 min

Lab File: VL038573.D

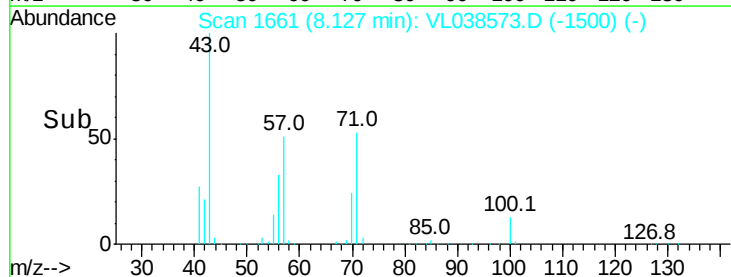
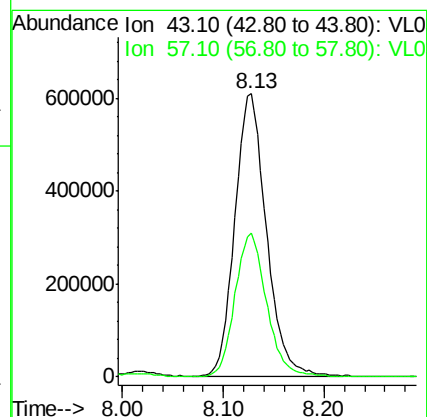
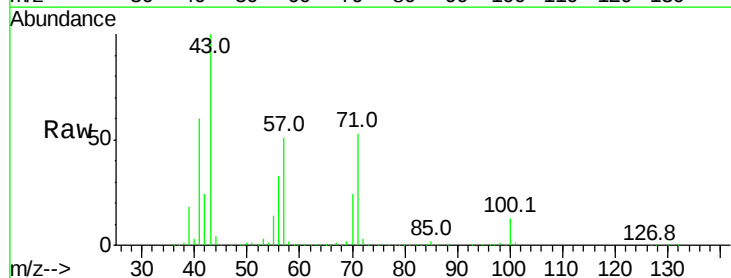
Acq: 9 Mar 2022 12:28

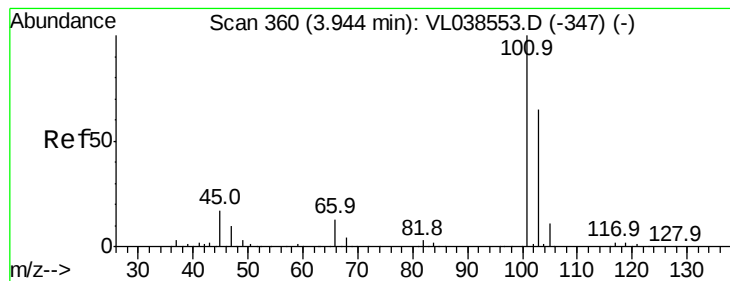
Tgt Ion: 43 Resp: 1318889

Ion Ratio Lower Upper

43 100

57 51.2 39.6 59.4





#11

Trichlorofluoromethane

Concen: 9.89 ppbv

RT: 3.96 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Ratio

101 100

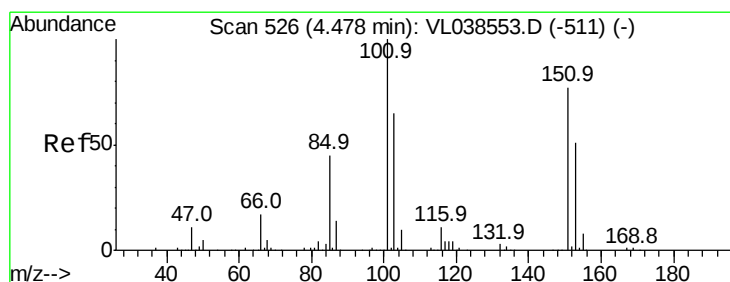
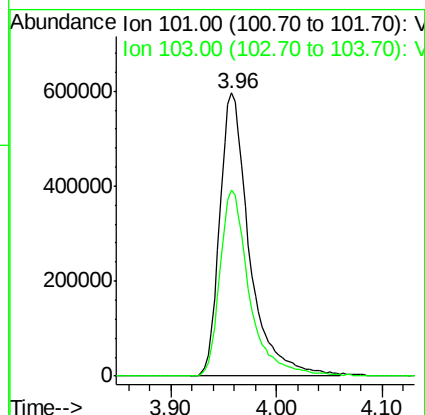
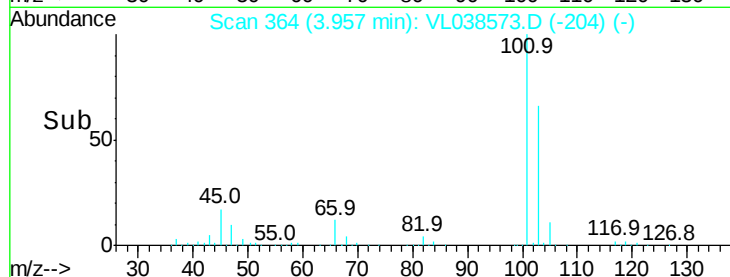
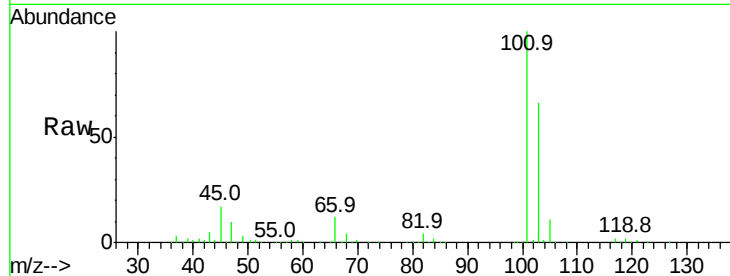
103 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.05 ppbv

RT: 4.49 min Scan# 531

Delta R.T. 0.02 min

Lab File: VL038573.D

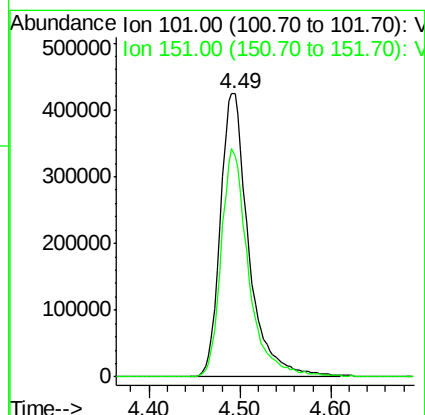
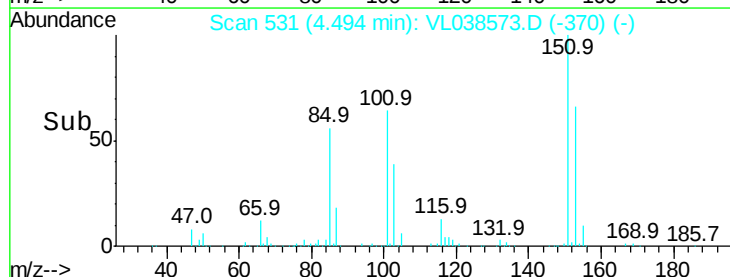
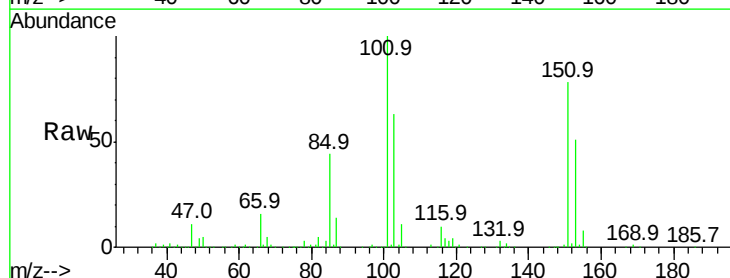
Acq: 9 Mar 2022 12:28

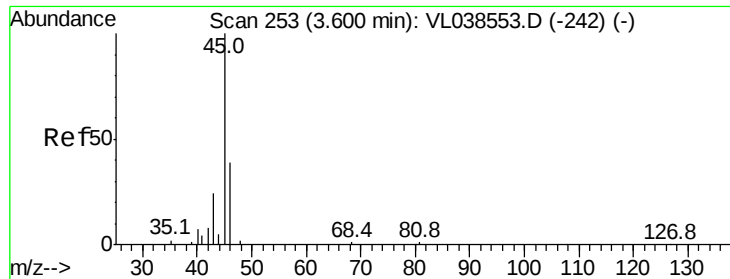
Tgt Ion:101 Resp: 921146

Ion Ratio Lower Upper

101 100

151 77.9 63.4 95.0



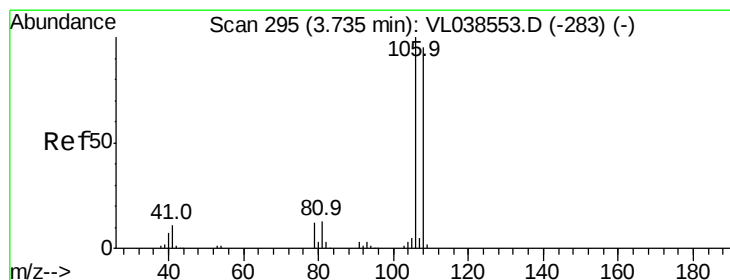
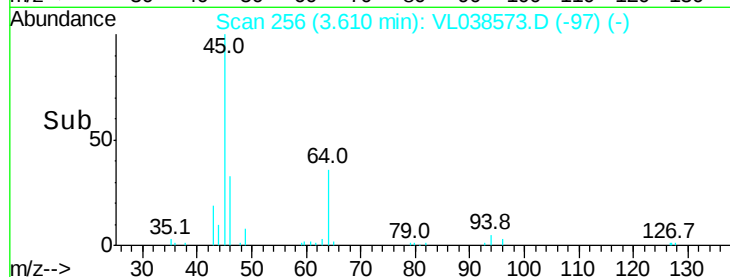
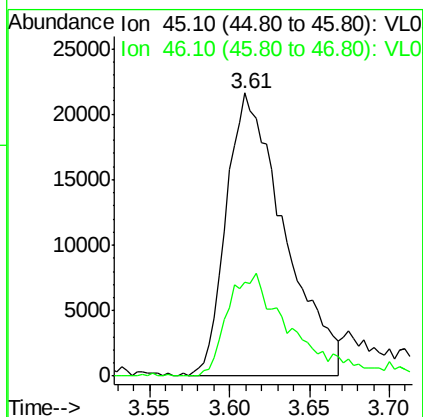
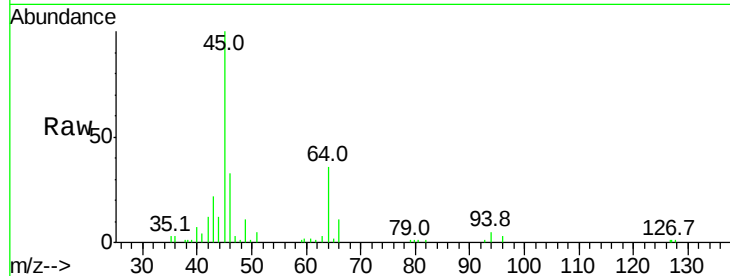


#13
Ethanol
Concen: 8.50 ppbv
RT: 3.61
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
45 100
46 41.

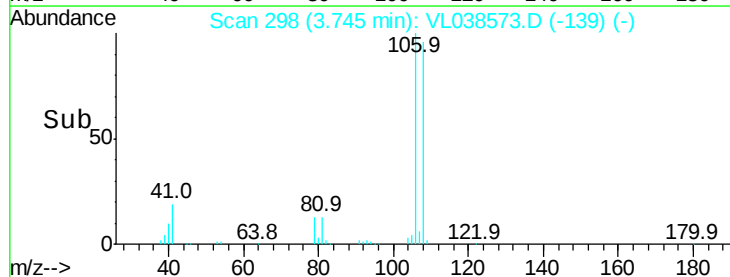
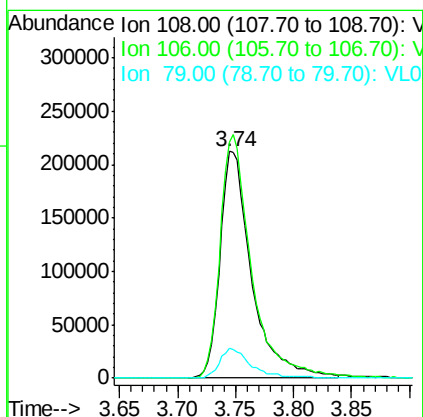
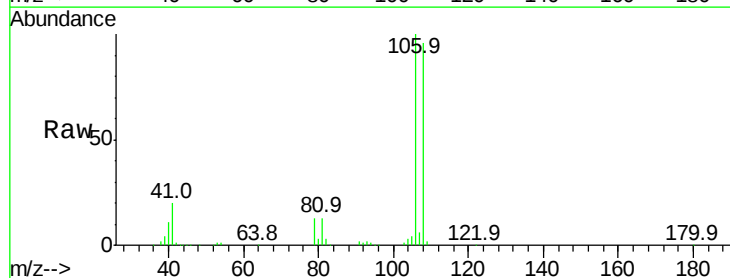
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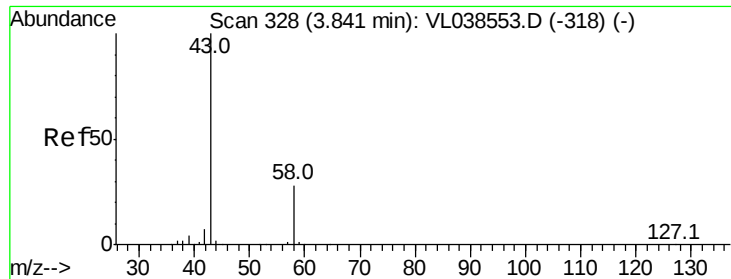
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#14
Bromoethene
Concen: 10.31 ppbv
RT: 3.74 min Scan# 298
Delta R.T. 0.01 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion:108 Resp: 402544
Ion Ratio Lower Upper
108 100
106 107.3 85.9 128.9
79 13.4 11.0 16.6



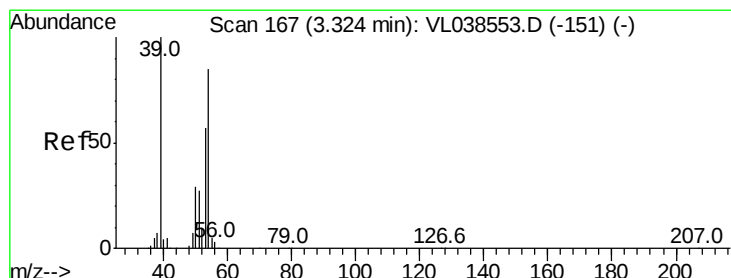
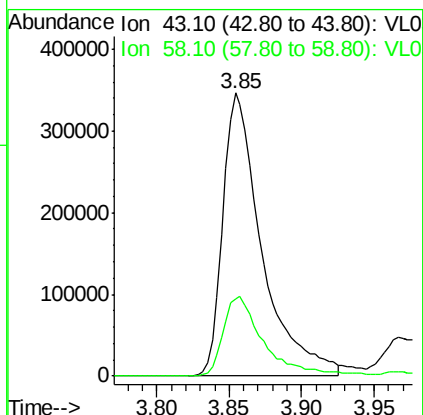
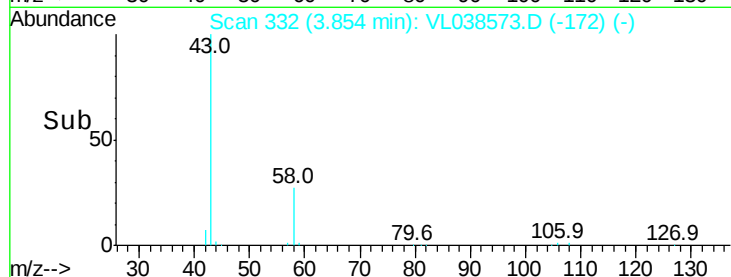
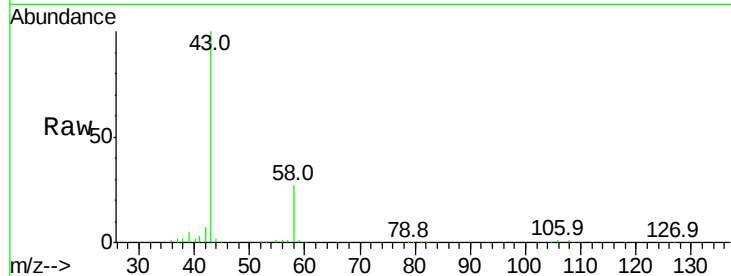


#15
Acetone
Concen: 10.35 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
43 100
58 29.

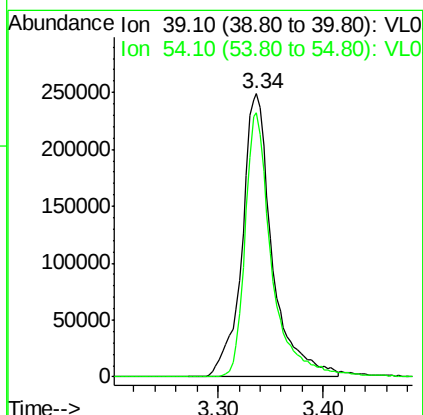
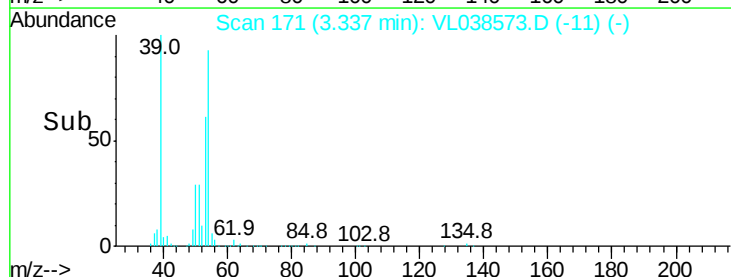
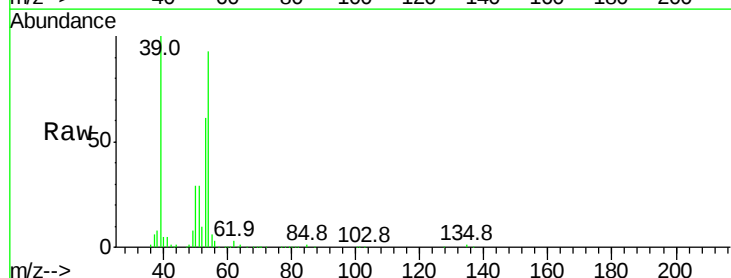
Manual Integrations
APPROVED

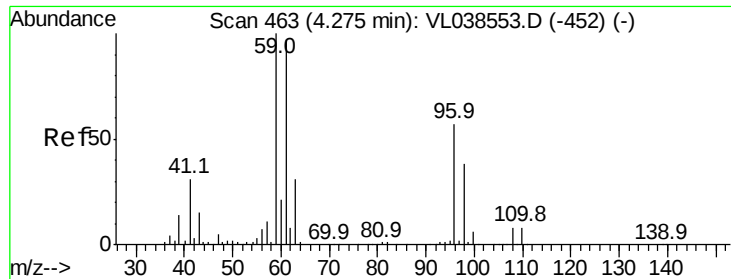
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#16
1,3-Butadiene
Concen: 9.83 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.01 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 39 Resp: 495582
Ion Ratio Lower Upper
39 100
54 83.1 64.2 96.2





#17

tert-Butyl alcohol

Concen: 9.89 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

59 100

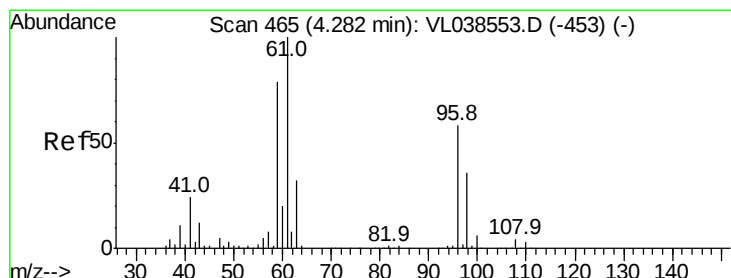
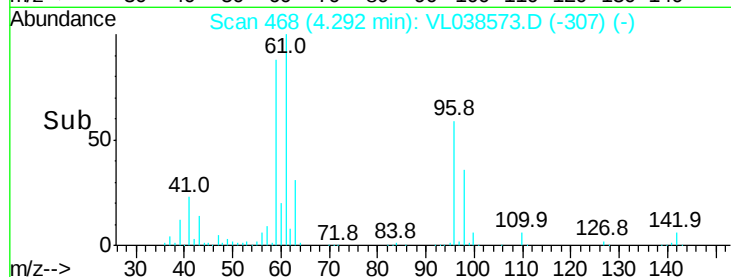
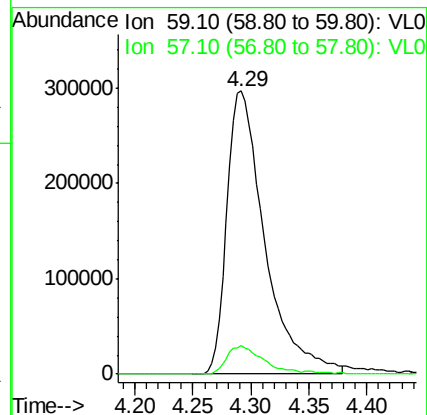
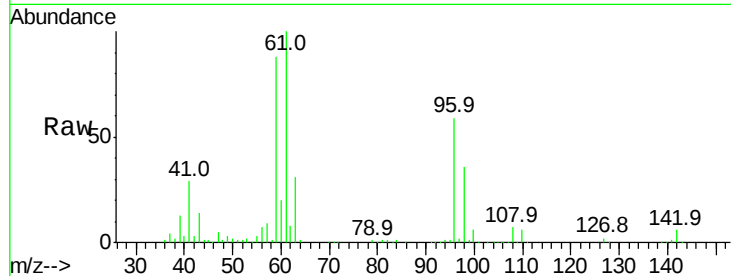
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#18

1,1-Dichloroethene

Concen: 10.09 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.01 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

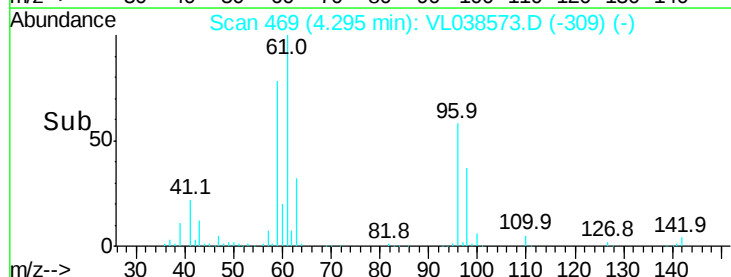
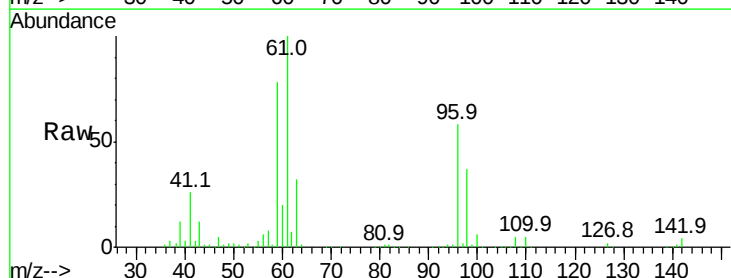
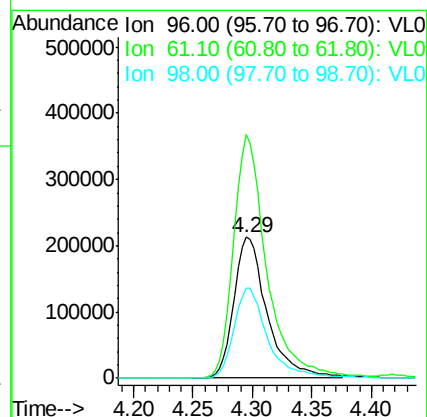
Tgt Ion: 96 Resp: 413715

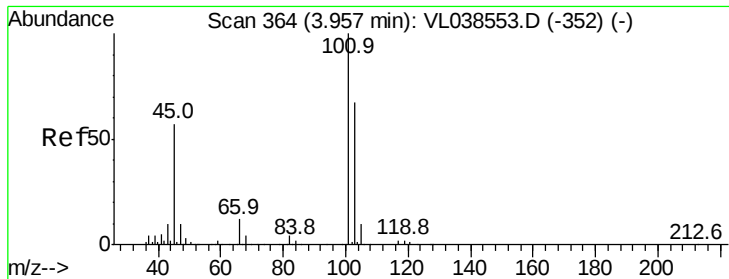
Ion Ratio Lower Upper

96 100

61 173.1 137.4 206.0

98 63.8 49.3 73.9





#19

Isopropyl Alcohol

Concen: 9.75 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

45 100

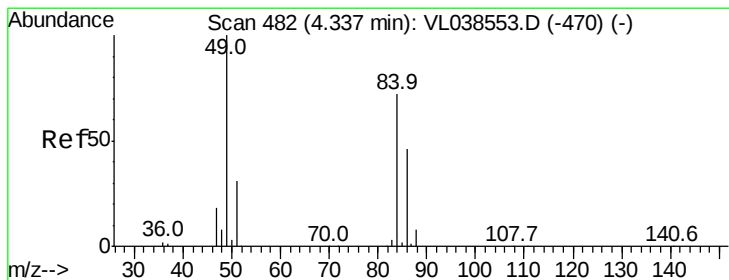
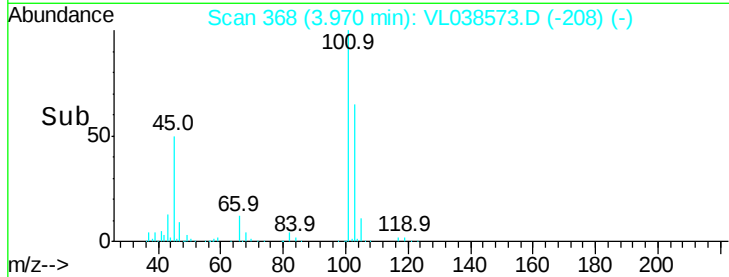
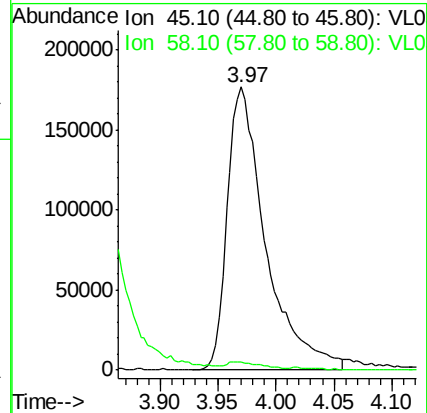
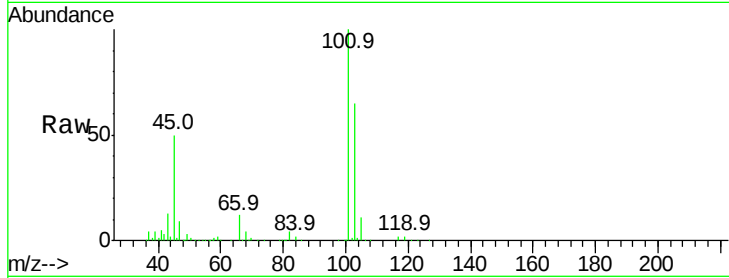
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#20

Methylene Chloride

Concen: 8.95 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

Tgt Ion: 84 Resp: 338054

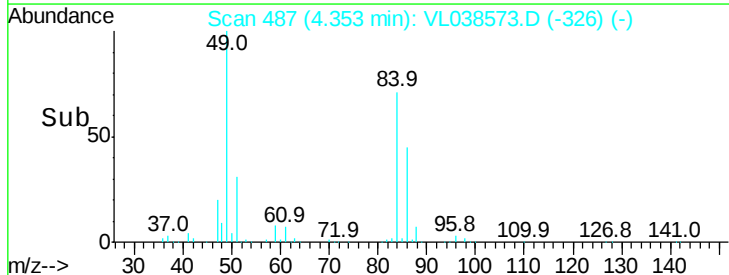
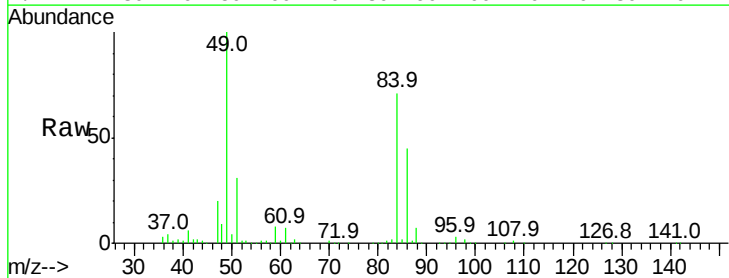
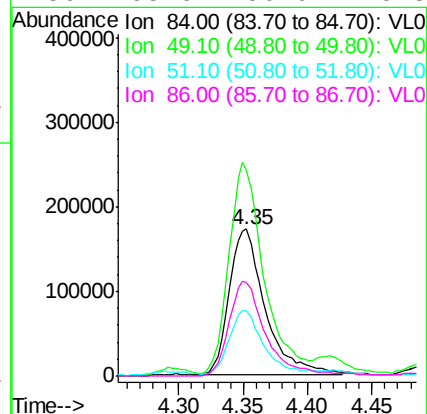
Ion Ratio Lower Upper

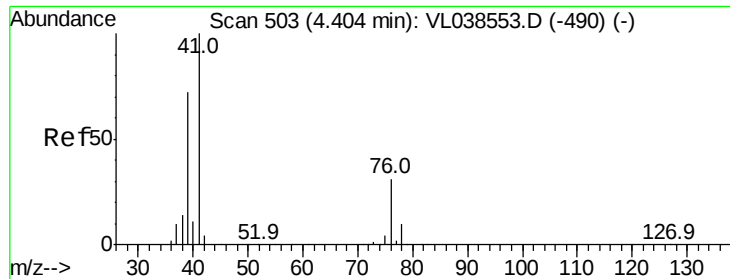
84 100

49 138.9 111.1 166.7

51 42.5 34.0 51.0

86 63.6 50.9 76.3



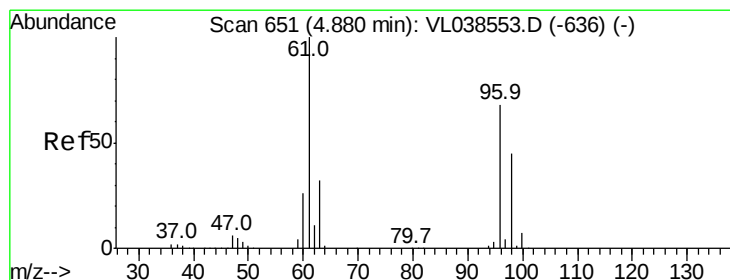
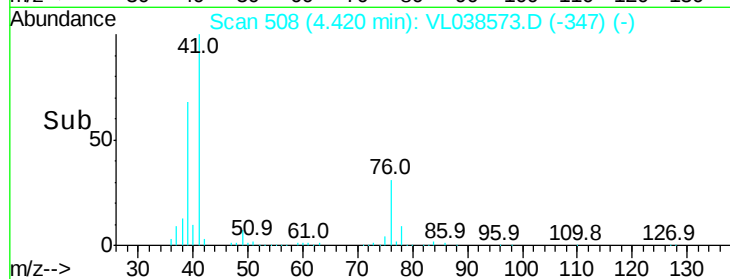
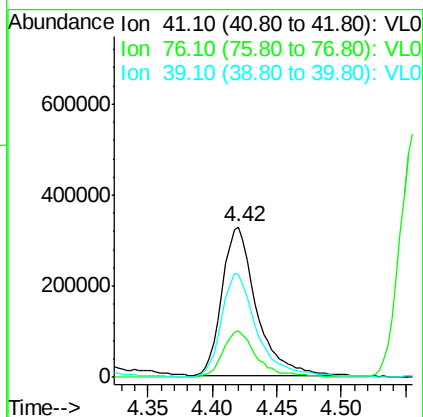
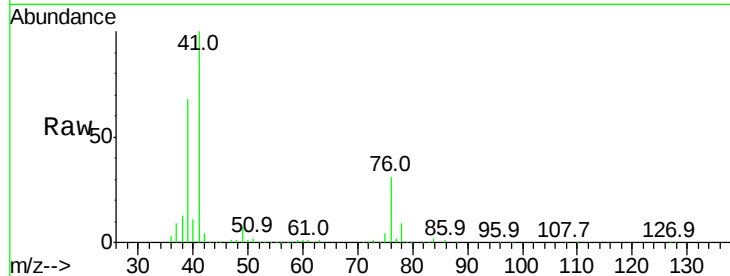


#21
 Allyl Chloride
 Concen: 9.95 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion:
 Ion Ratio
 41 100
 76 31.
 39 71.

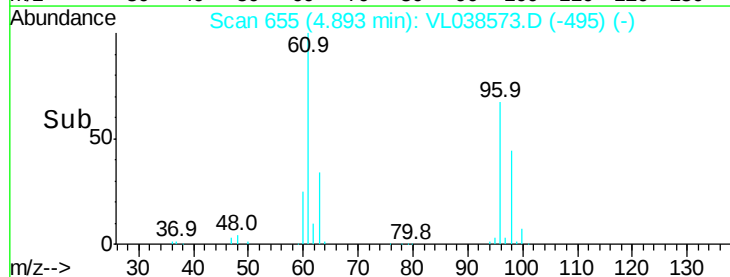
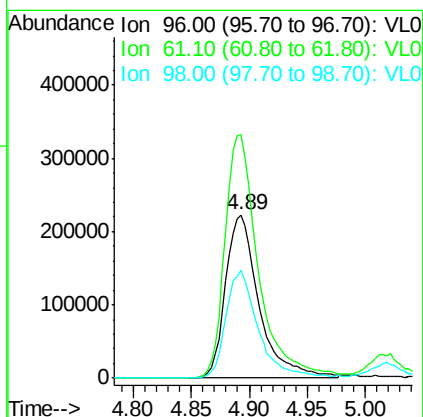
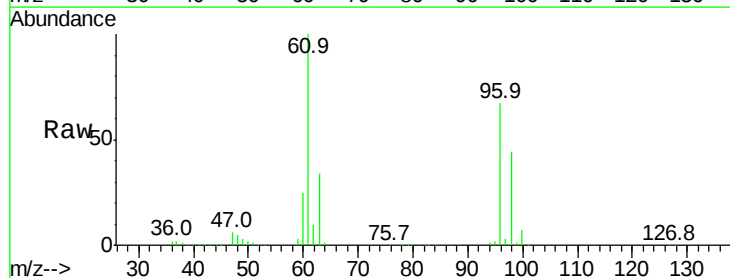
Manual Integrations
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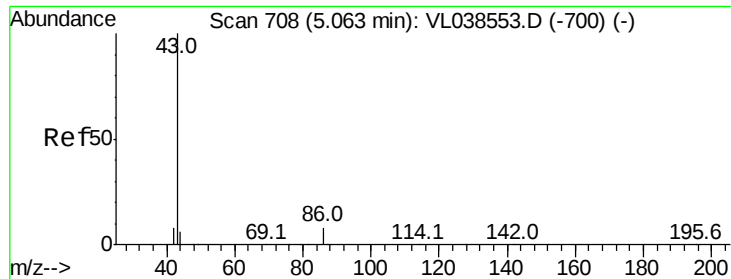
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.35 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 96 Resp: 444798
 Ion Ratio Lower Upper
 96 100
 61 149.3 117.6 176.4
 98 65.9 52.6 78.8



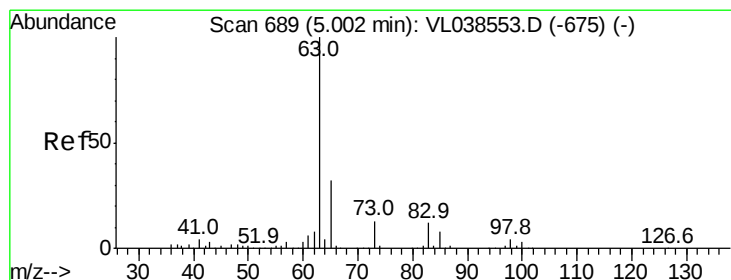
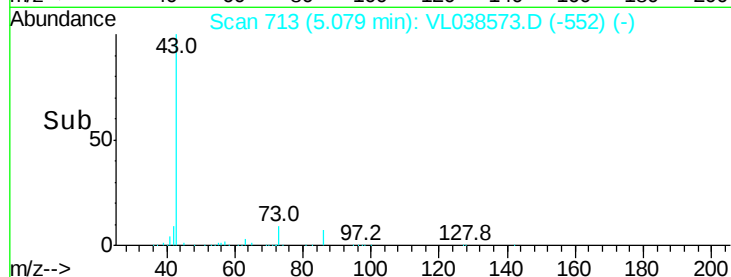
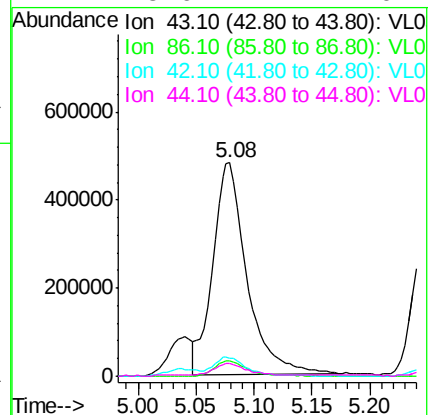
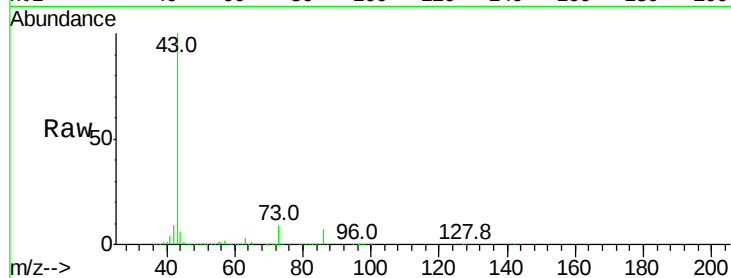


#23
 Vinyl Acetate
 Concen: 10.99 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion: 43.10 (42.80 to 43.80): VL0
 Ion Ratio: 100
 43 100
 86 7.
 42 8.
 44 5.6 4.1 6.1

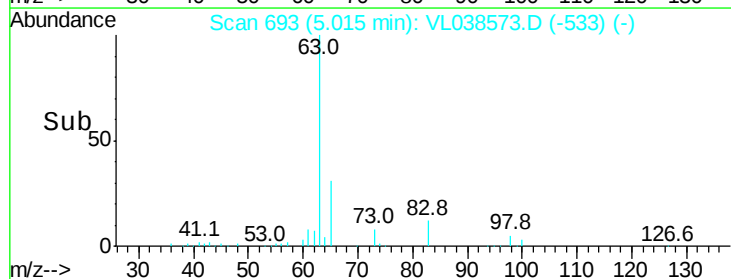
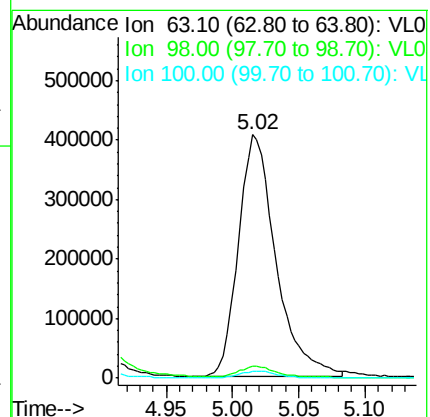
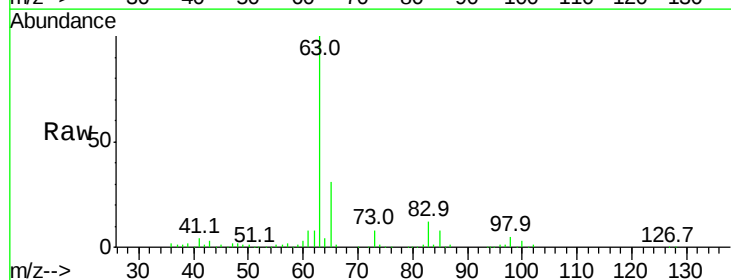
Manual Integrations
 APPROVED

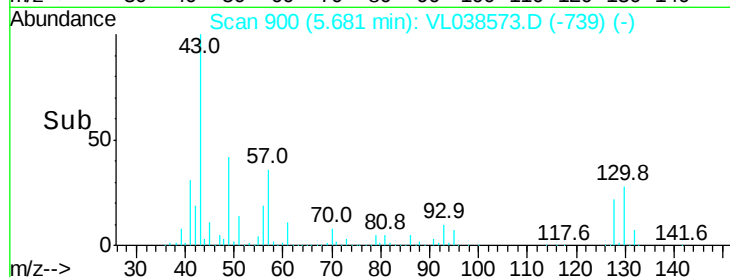
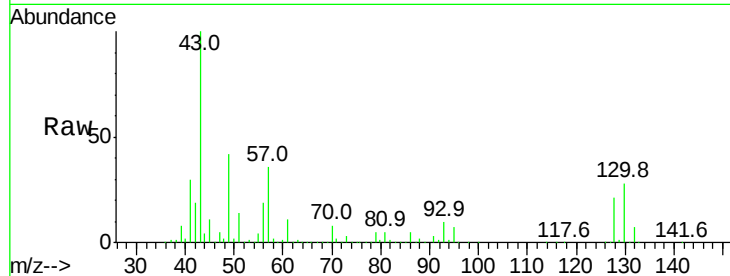
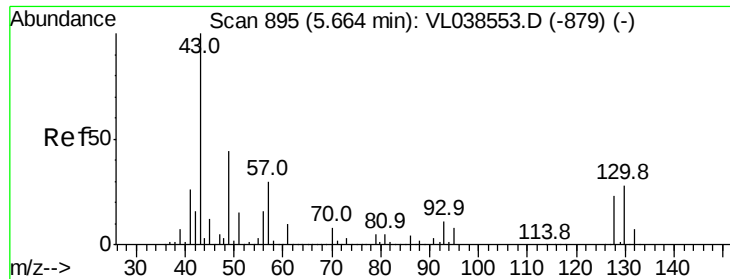
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#24
 1,1-Dichloroethane
 Concen: 9.85 ppbv
 RT: 5.02 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 63 Resp: 805520
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.2 6.6
 100 2.7 1.5 4.5



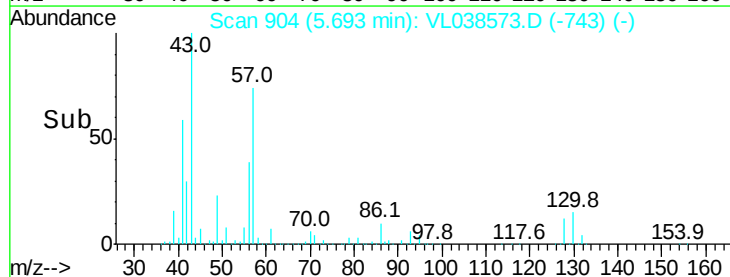
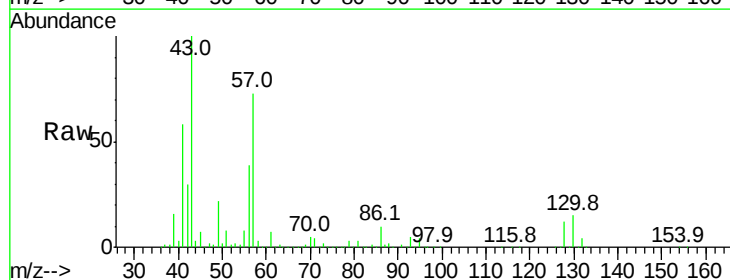
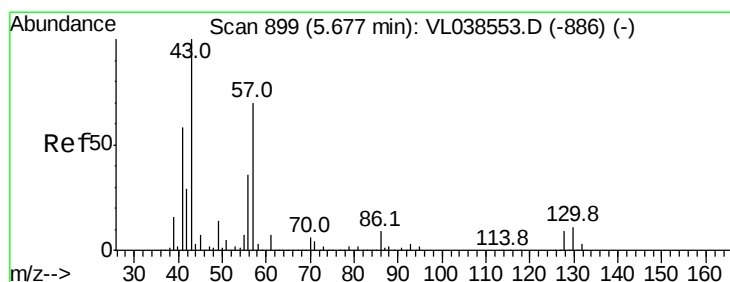
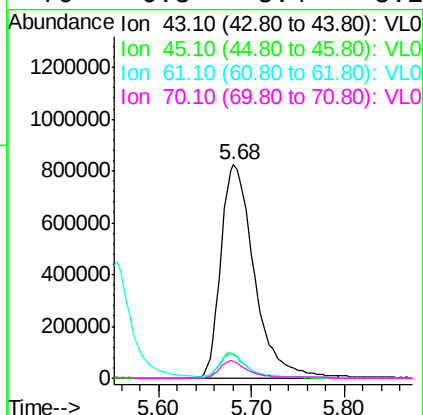


#25
Ethyl Acetate
Concen: 9.70 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion: 43
Ion Ratio: 100
45 9.
61 10.
70 6.8 5.4 8.2

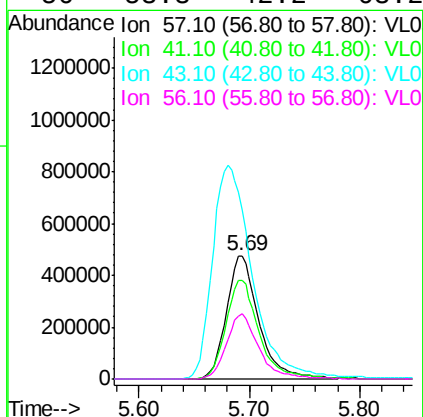
Manual Integrations APPROVED

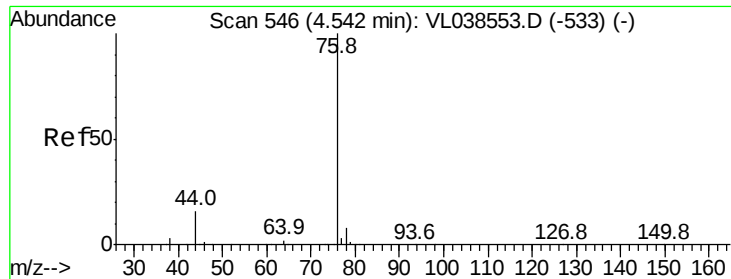
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#26
Hexane
Concen: 9.72 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 57 Resp: 964479
Ion Ratio Lower Upper
57 100
41 83.8 67.8 101.6
43 215.3 173.6 260.4
56 53.3 42.2 63.2





#27

Carbon Disulfide

Concen: 10.92 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T.

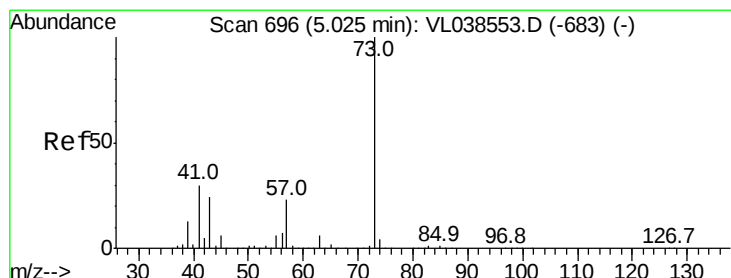
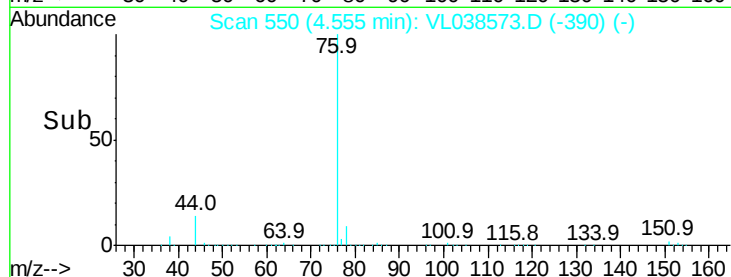
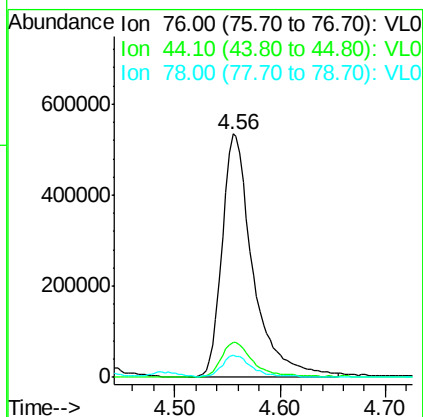
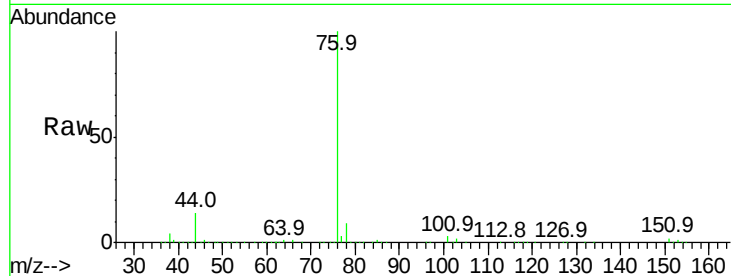
Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
76 100
44 15.
78 9.

Manual Integrations
APPROVED

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



#28

Methyl tert-Butyl Ether

Concen: 9.95 ppbv

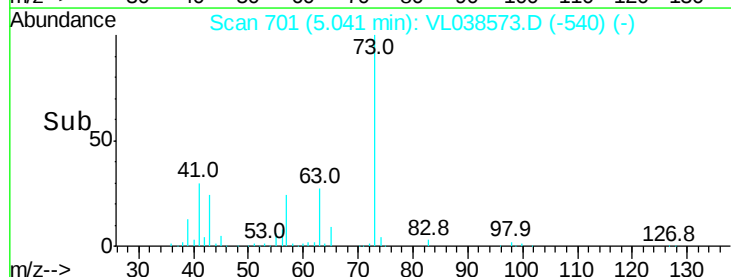
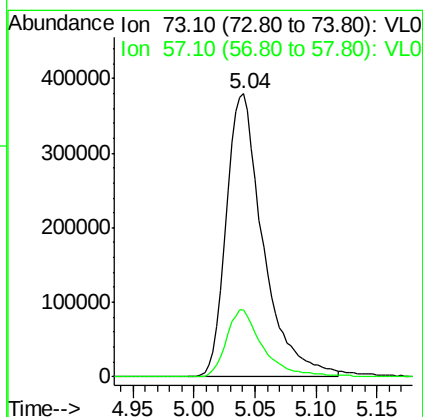
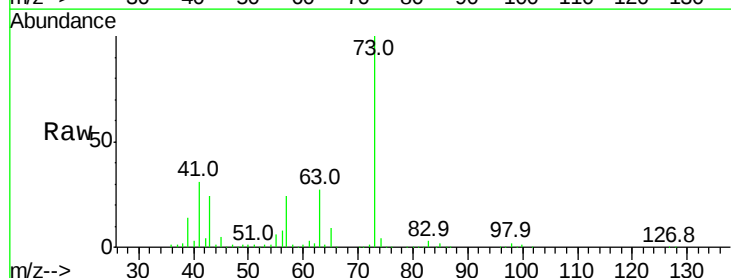
RT: 5.04 min Scan# 701

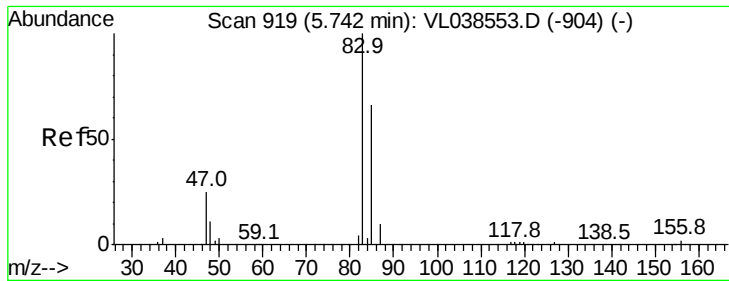
Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

Tgt Ion: 73 Resp: 803495
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2



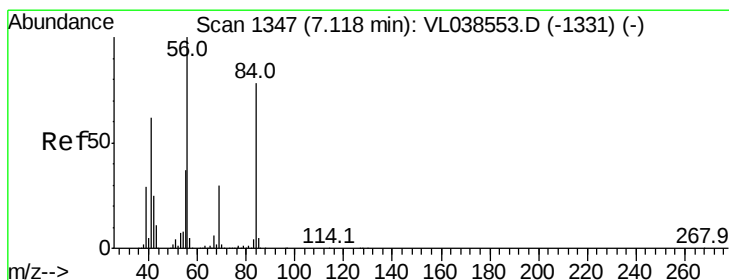
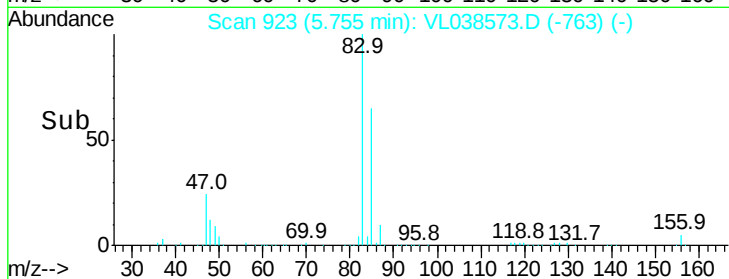
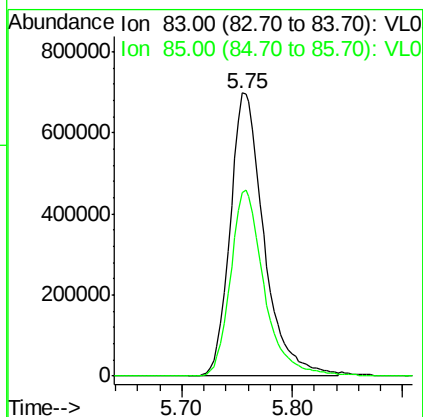
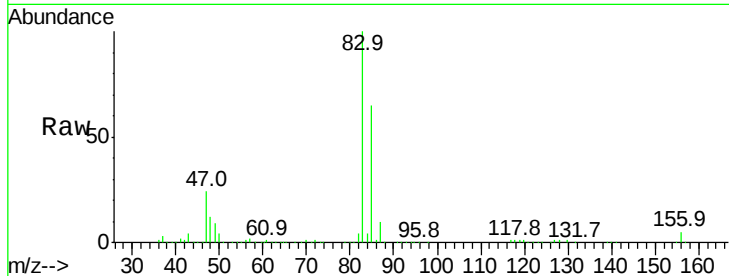


#29
Chloroform
Concen: 9.61 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
83 100
85 64.

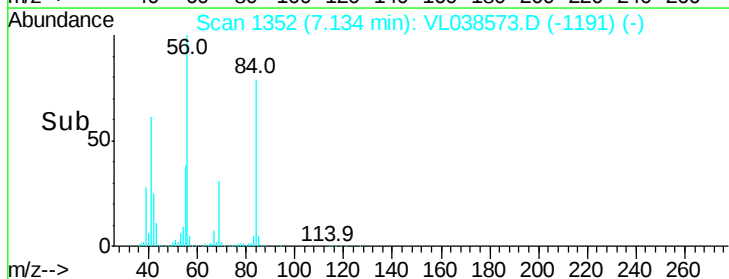
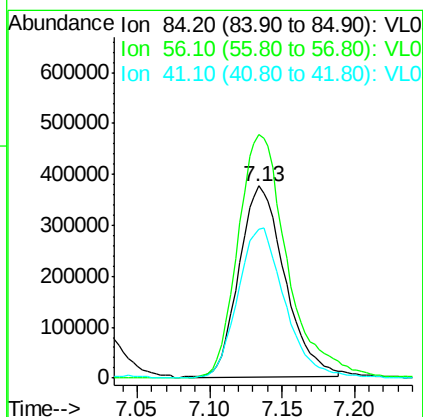
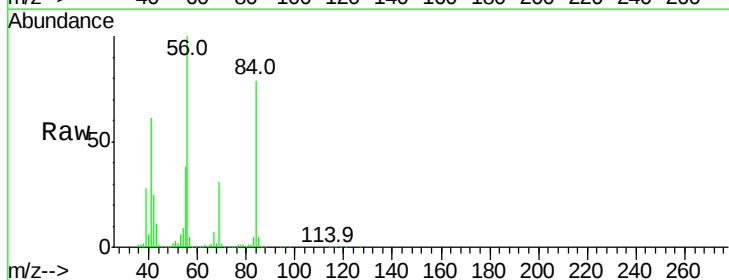
Manual Integrations
APPROVED

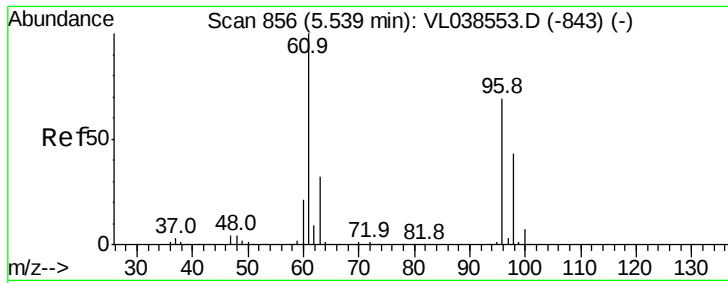
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#30
Cyclohexane
Concen: 9.65 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 84 Resp: 828164
Ion Ratio Lower Upper
84 100
56 138.2 111.4 167.0
41 81.1 65.5 98.3





#31

cis-1,2-Dichloroethene

Concen: 9.55 ppbv

RT: 5.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

61 100

96 66.

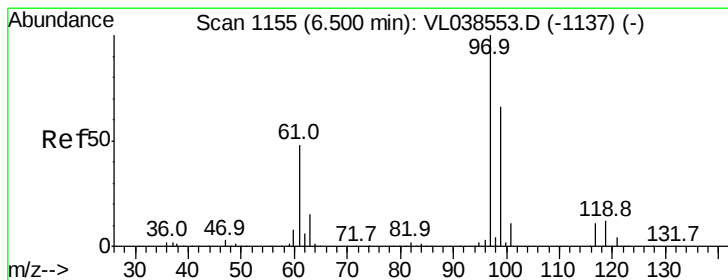
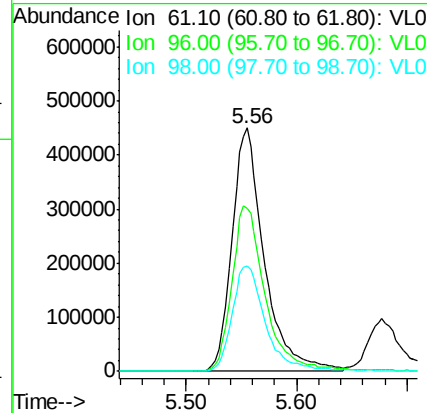
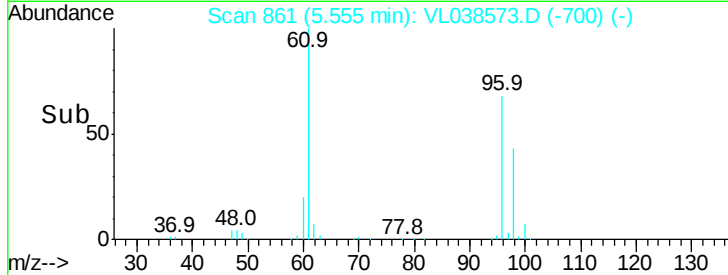
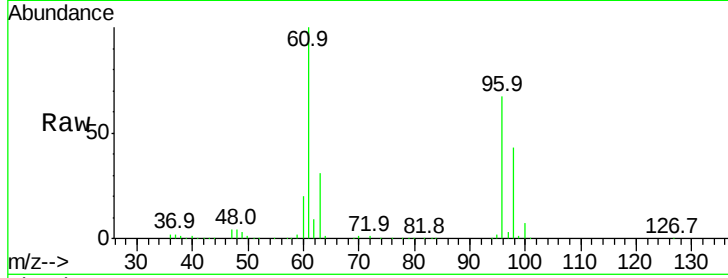
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#32

1,1,1-Trichloroethane

Concen: 9.48 ppbv

RT: 6.51 min Scan# 1159

Delta R.T. 0.01 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

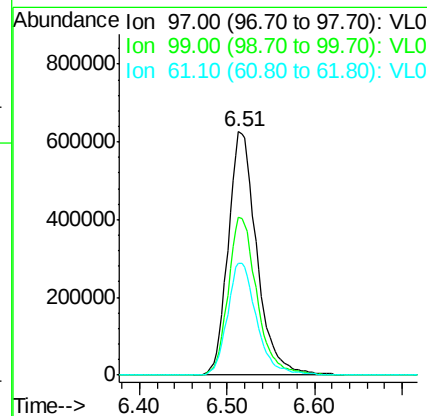
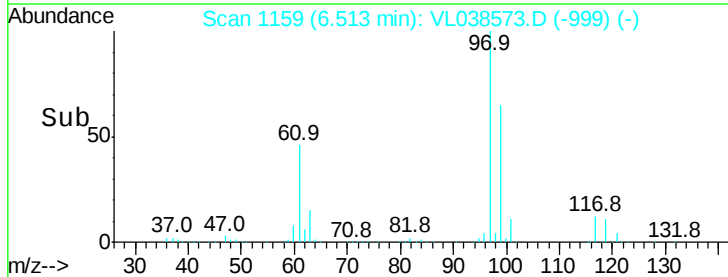
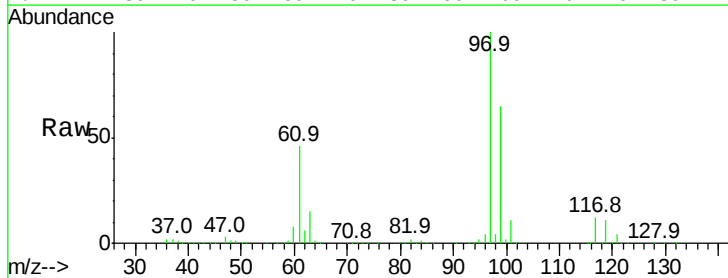
Tgt Ion: 97 Resp: 1420189

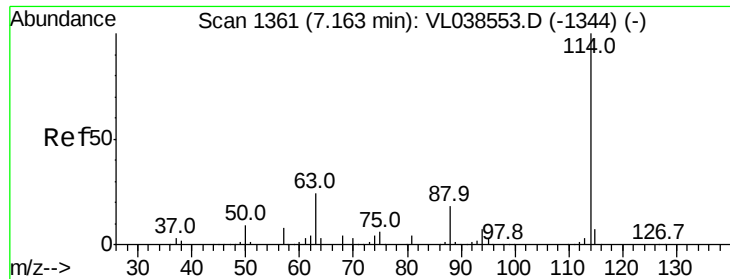
Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

61 47.0 37.7 56.5



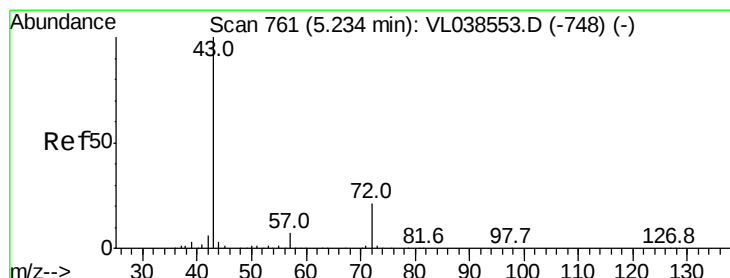
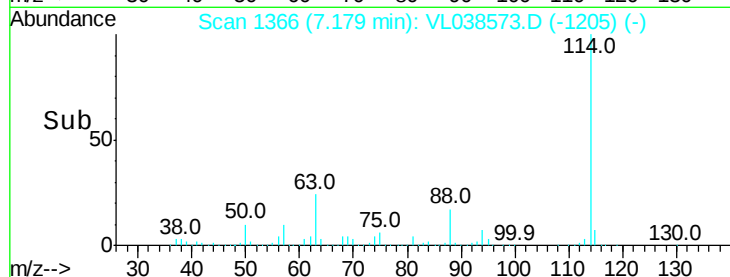
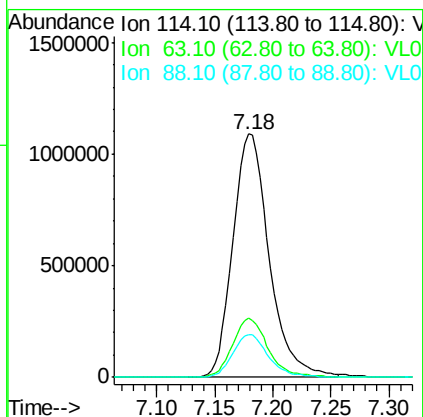
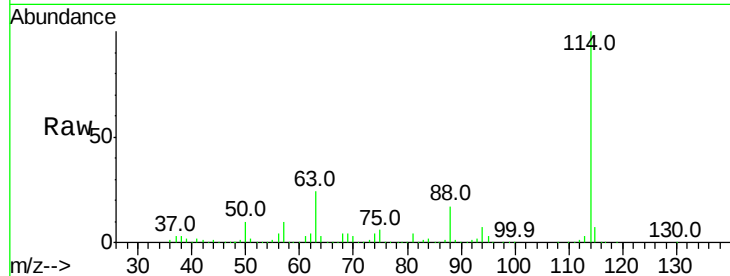


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion: 114
 Ion Ratio: 100
 63 24.1
 88 17.1

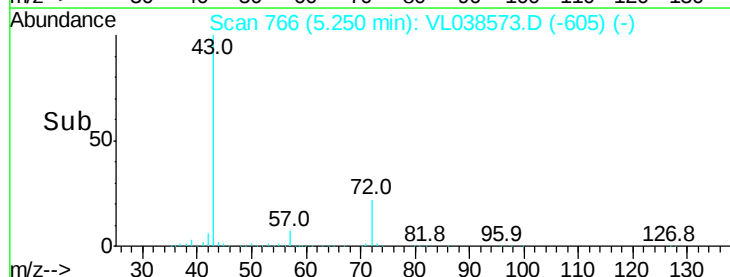
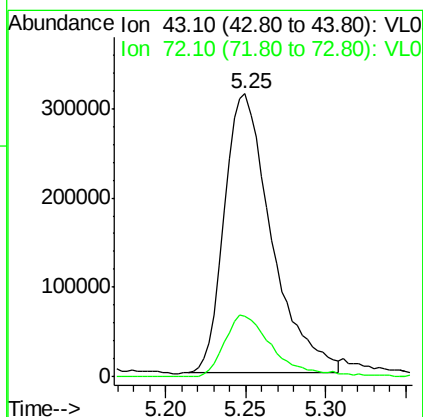
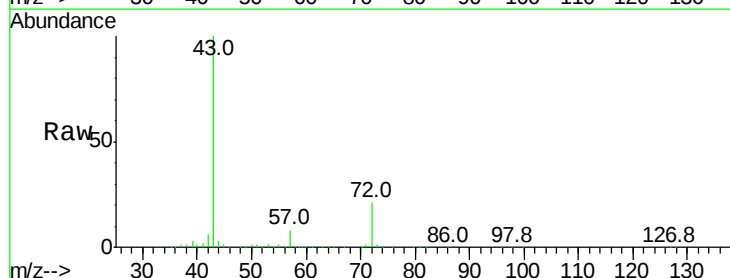
Manual Integrations
 APPROVED

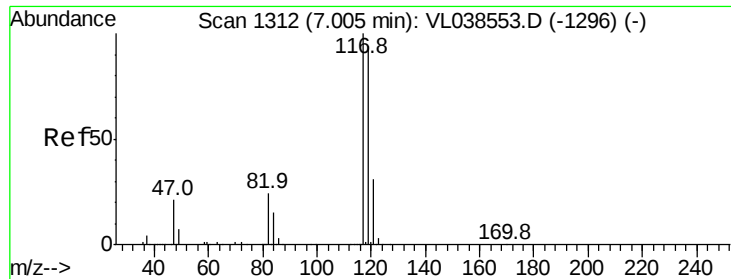
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#34
 2-Butanone
 Concen: 10.29 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T.: 0.02 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 43 Resp: 631306
 Ion Ratio Lower Upper
 43 100
 72 23.6 17.8 26.6



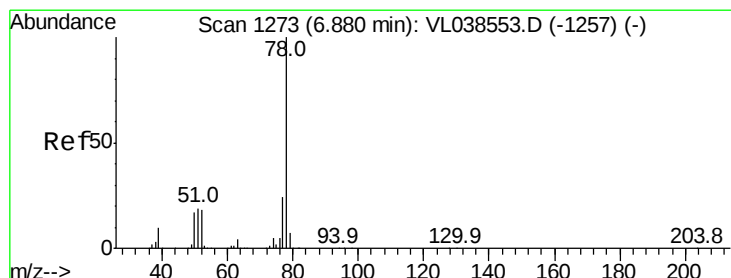
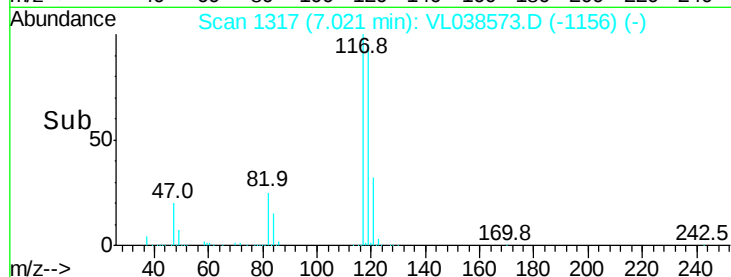
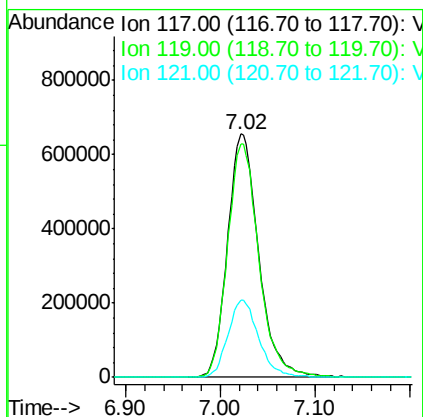
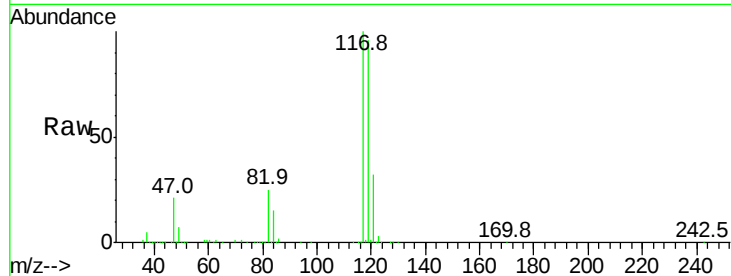


#35
Carbon Tetrachloride
Concen: 9.29 ppbv
RT: 7.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0309ABS01
Acq: 9 Mar 2022 12:28

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 31.

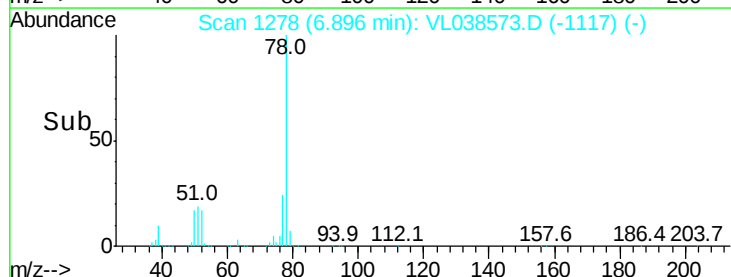
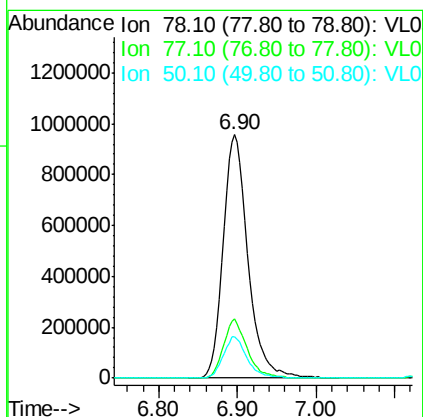
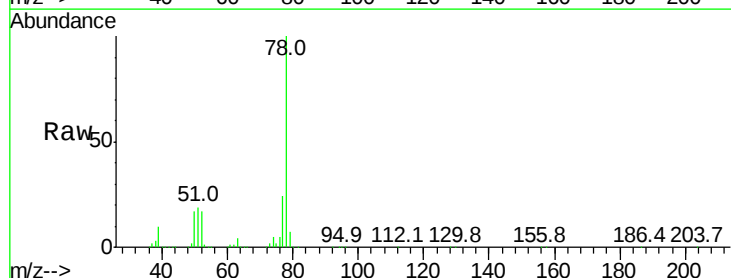
Manual Integrations
APPROVED

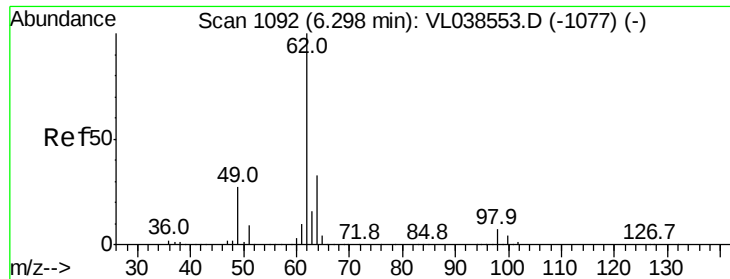
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



#36
Benzene
Concen: 9.73 ppbv
RT: 6.90 min Scan# 1278
Delta R.T.: 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 78 Resp: 2078801
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4
50 16.9 13.9 20.9



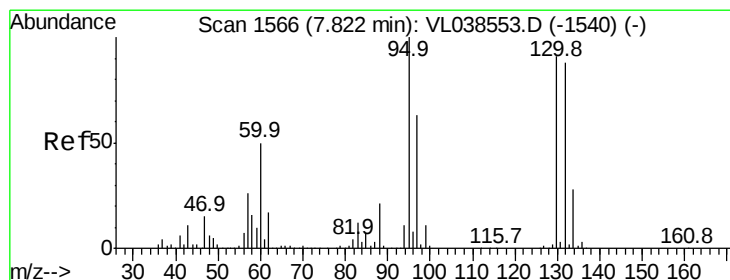
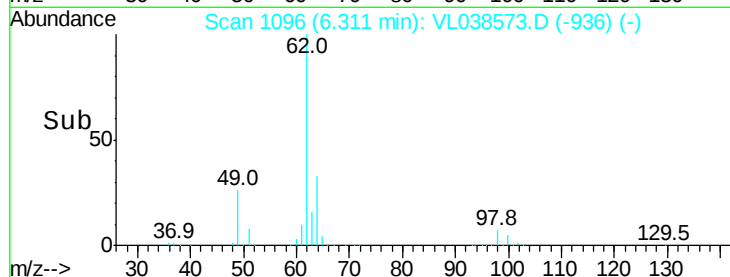
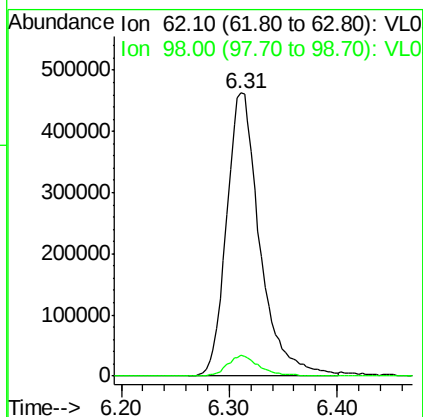
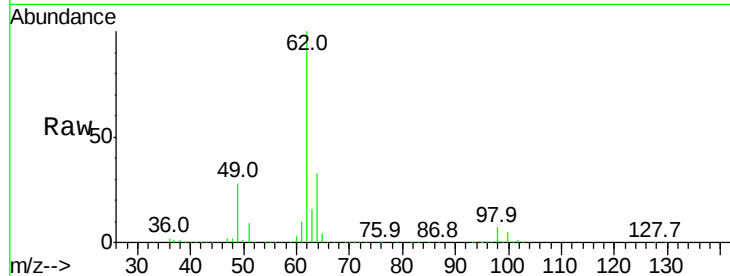


#37
 1,2-Dichloroethane
 Concen: 9.78 ppbv
 RT: 6.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

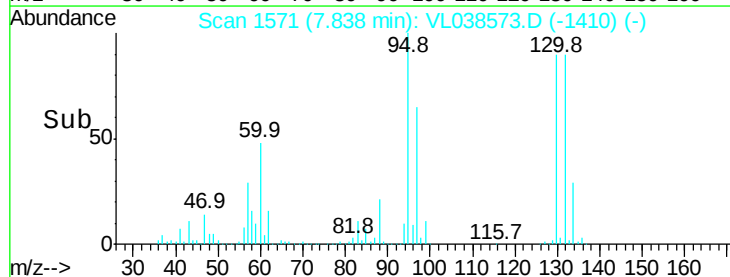
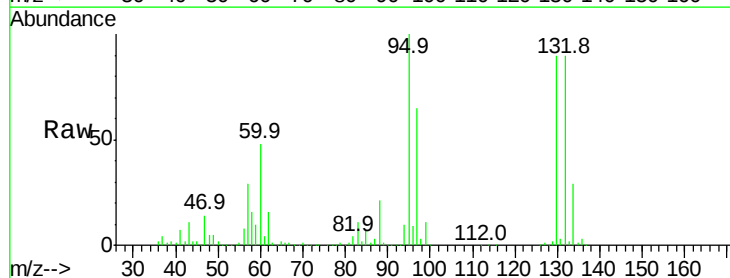
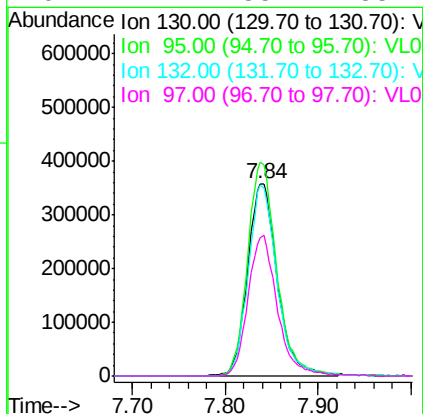
Manual Integrations
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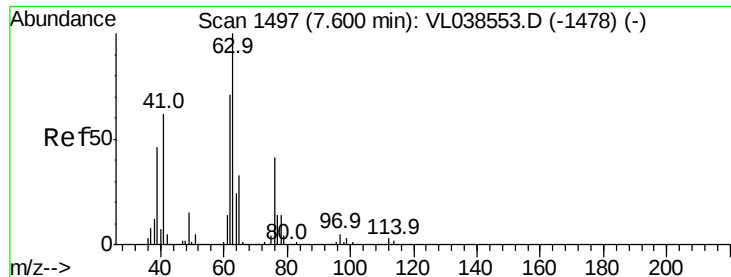
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#38
 Trichloroethene
 Concen: 9.33 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion:130 Resp: 796276
 Ion Ratio Lower Upper
 130 100
 95 111.0 87.8 131.8
 132 99.5 77.5 116.3
 97 71.7 55.4 83.2



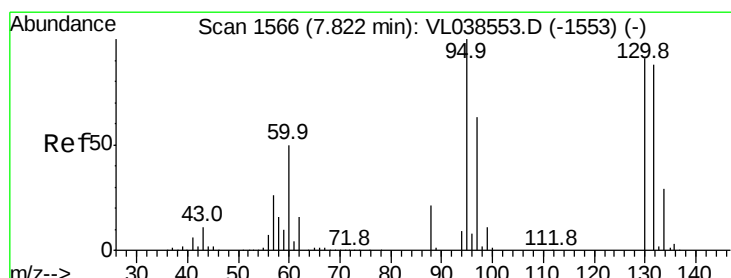
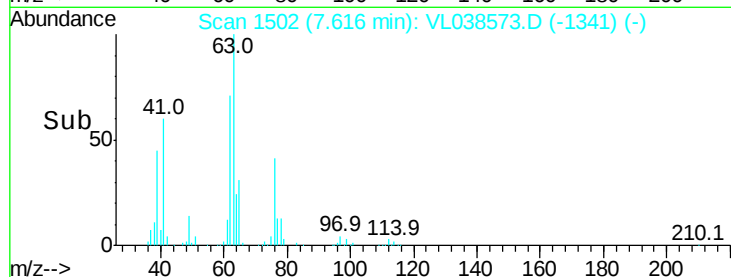
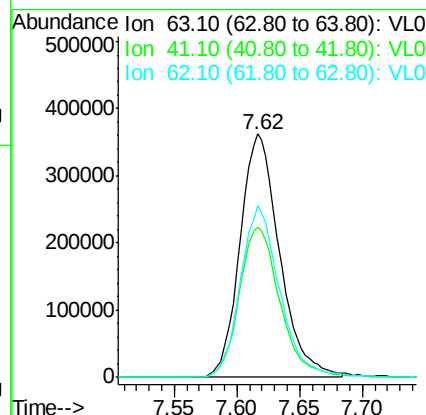
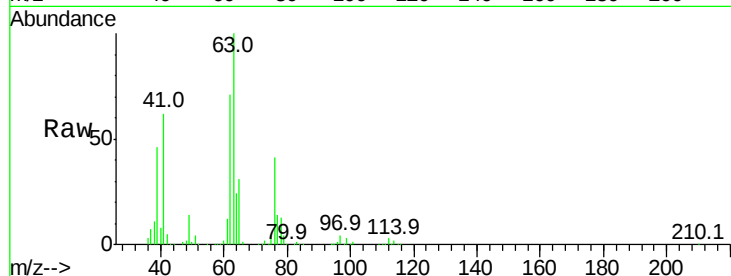


#39
 1,2-Dichloropropane
 Concen: 9.69 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion:
 Ion Ratio
 63 100
 41 61.
 62 70.

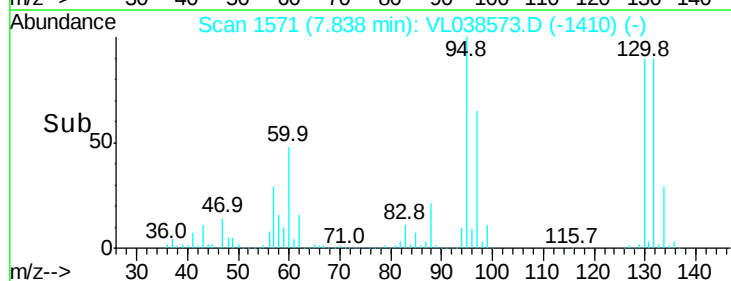
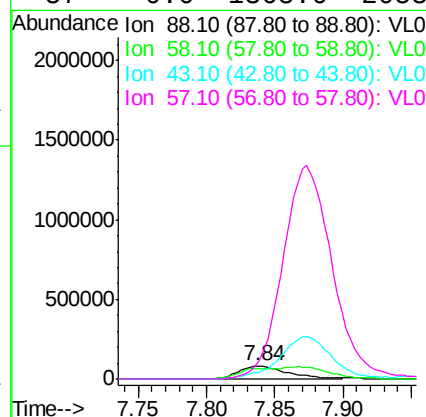
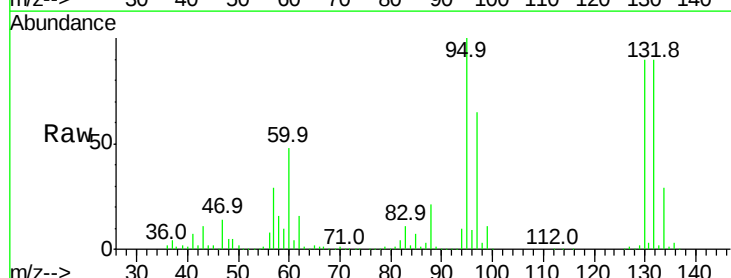
Manual Integrations
 APPROVED

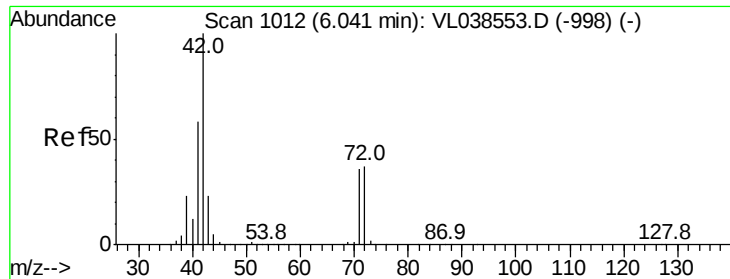
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#40
 1,4-Dioxane
 Concen: 9.74 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.02 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 88 Resp: 200304
 Ion Ratio Lower Upper
 88 100
 58 0.0 126.7 190.1#
 43 0.0 303.0 454.6#
 57 0.0 1368.6 2053.0#



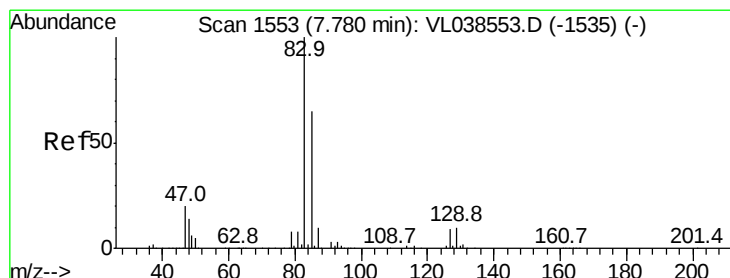
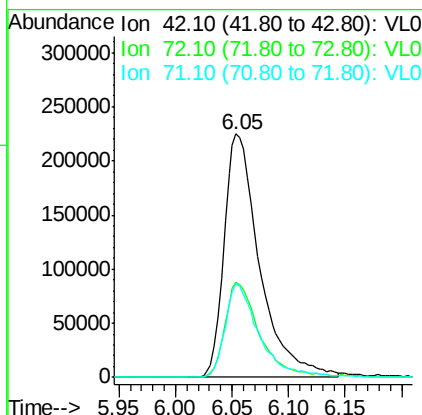
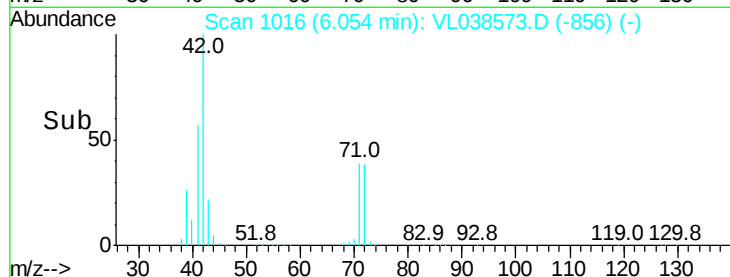
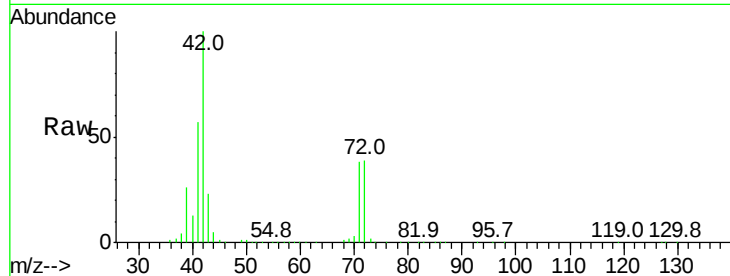


#41
Tetrahydrofuran
Concen: 9.81 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
42 100
72 38.
71 37.

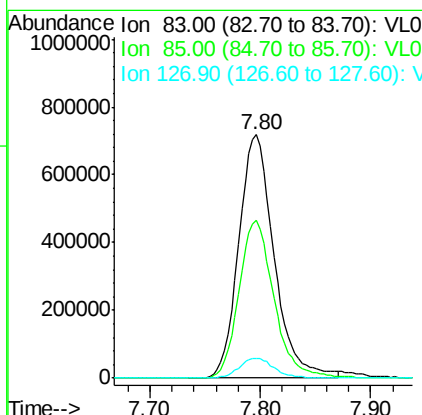
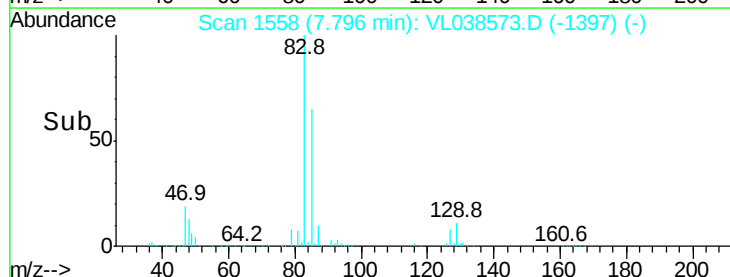
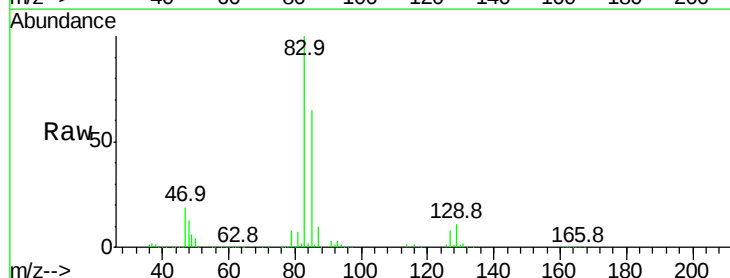
Manual Integrations
APPROVED

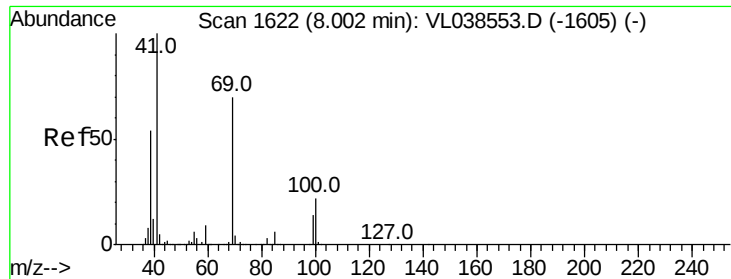
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#42
Bromodichloromethane
Concen: 9.89 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 83 Resp: 1601063
Ion Ratio Lower Upper
83 100
85 65.0 51.7 77.5
127 8.1 6.9 10.3



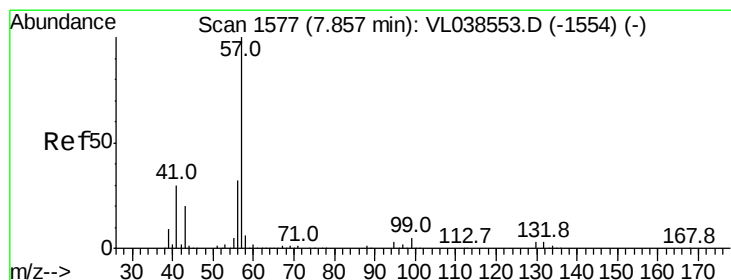
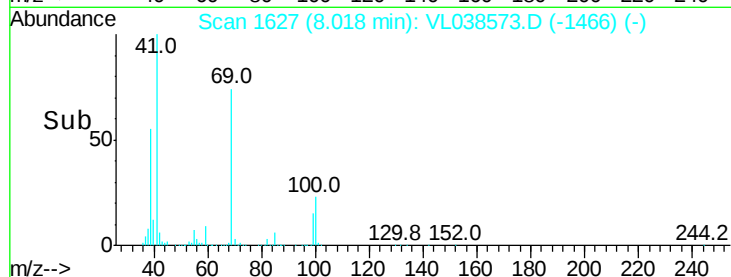
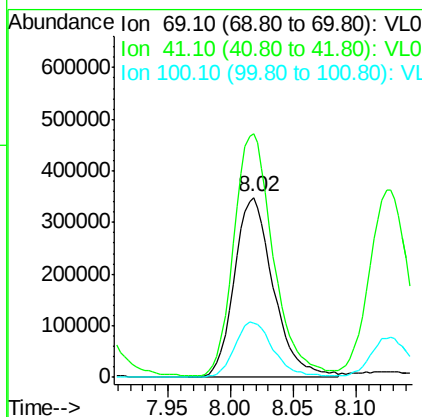
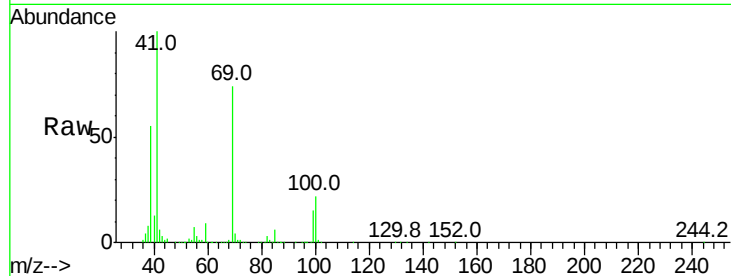


#43
Methyl Methacrylate
Concen: 10.29 ppbv
RT: 8.02
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0309ABS01
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
69 100
41 136.
100 30.

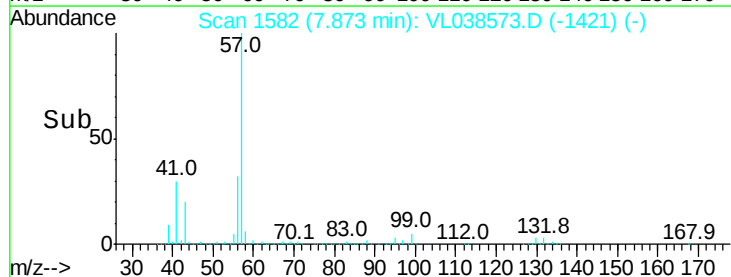
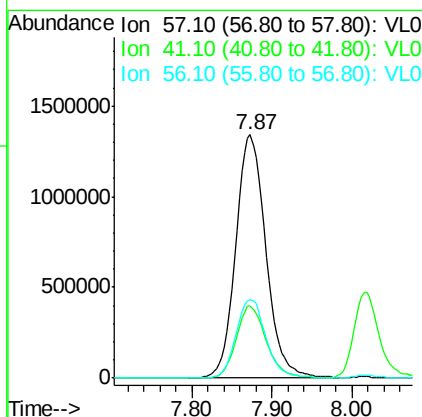
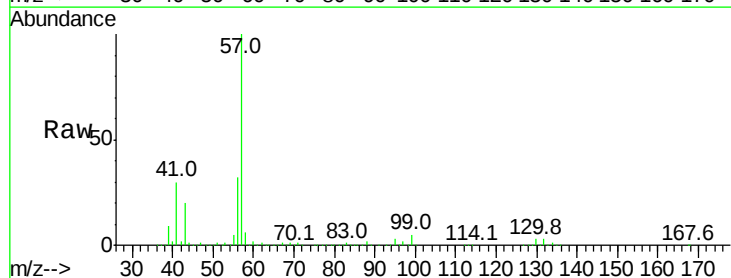
Manual Integrations
APPROVED

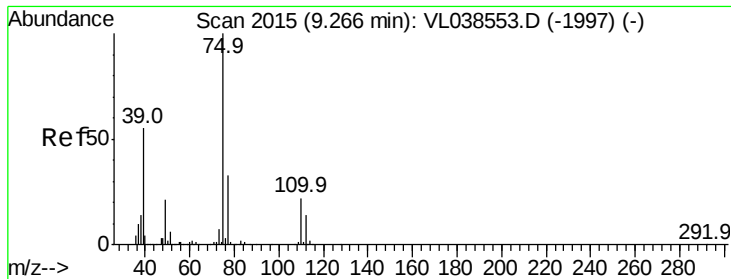
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#44
2,2,4-Trimethylpentane
Concen: 9.45 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 57 Resp: 3411545
Ion Ratio Lower Upper
57 100
41 29.4 24.0 36.0
56 32.0 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.43 ppbv

RT: 9.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

75 100

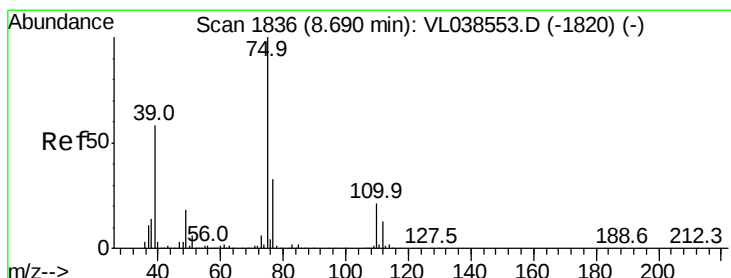
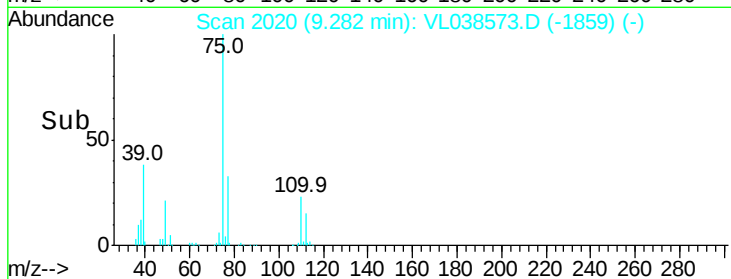
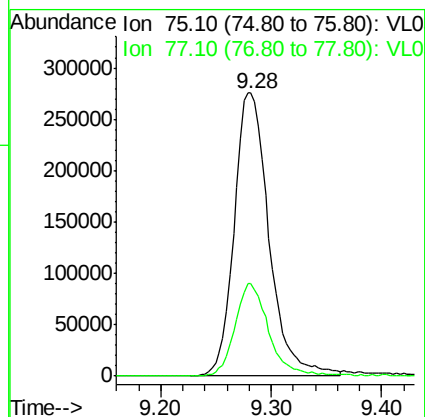
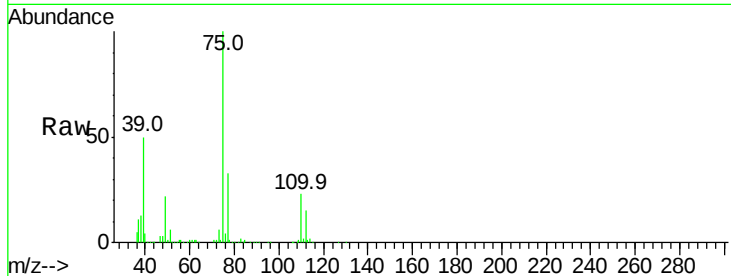
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#46

cis-1,3-Dichloropropene

Concen: 10.73 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

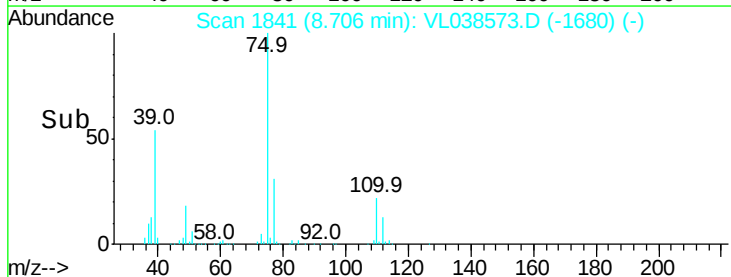
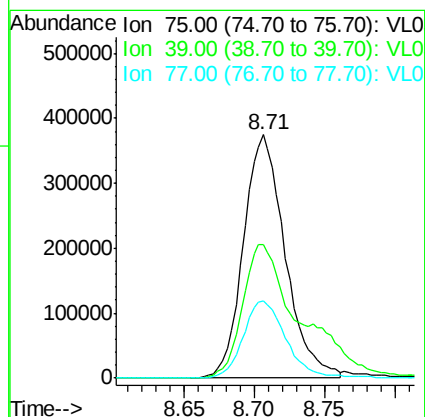
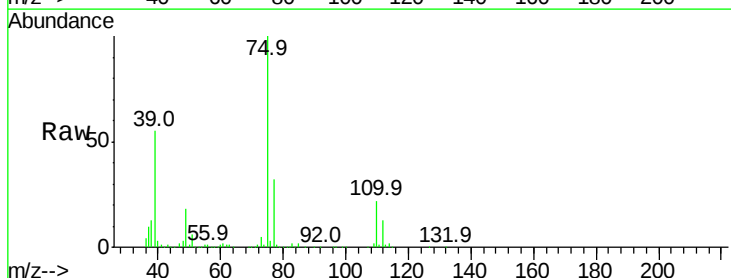
Tgt Ion: 75 Resp: 775312

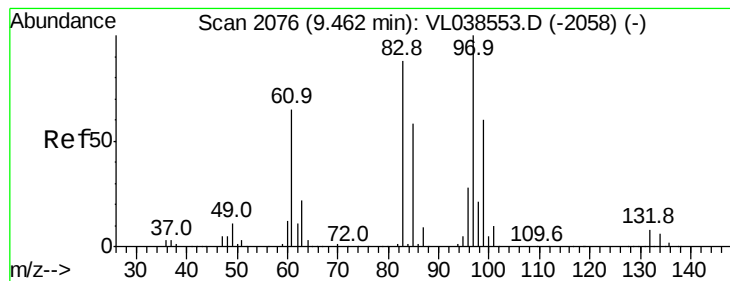
Ion Ratio Lower Upper

75 100

39 54.7 46.2 69.2

77 31.5 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.08 ppbv

RT: 9.48 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampled:

Acq: 9 Mar 2022 12:28 VL0309ABS01

Tgt Ion:

Ion Ratio

97 100

83 89.

85 57.

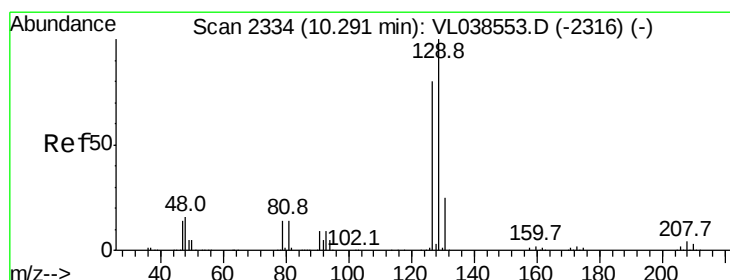
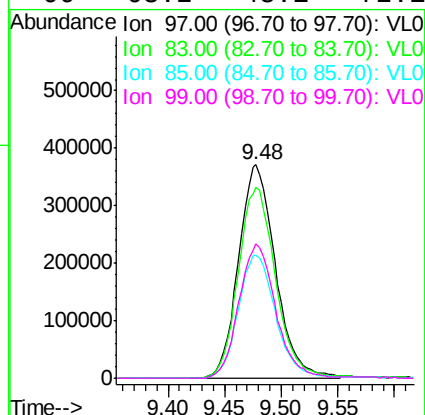
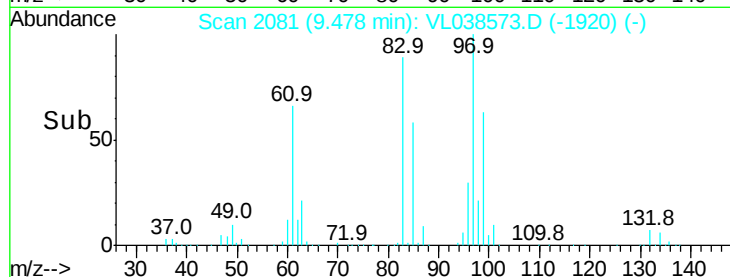
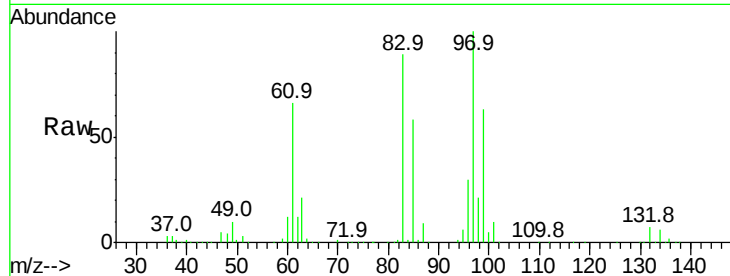
99 63.2 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#48

Dibromochloromethane

Concen: 10.72 ppbv

RT: 10.31 min Scan# 2339

Delta R.T. 0.02 min

Lab File: VL038573.D

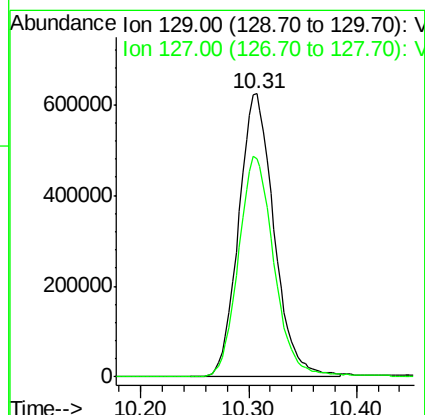
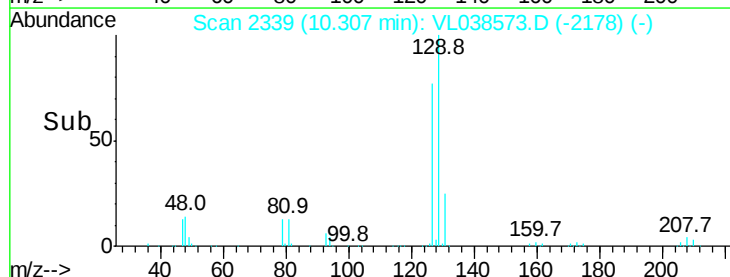
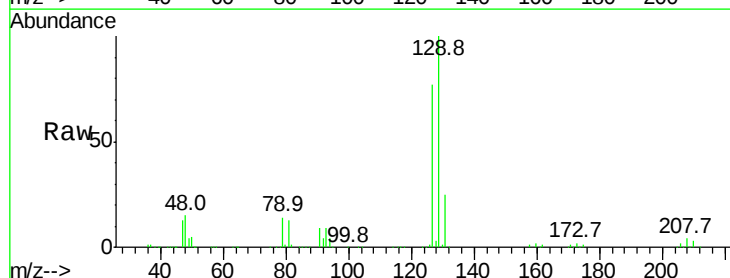
Acq: 9 Mar 2022 12:28

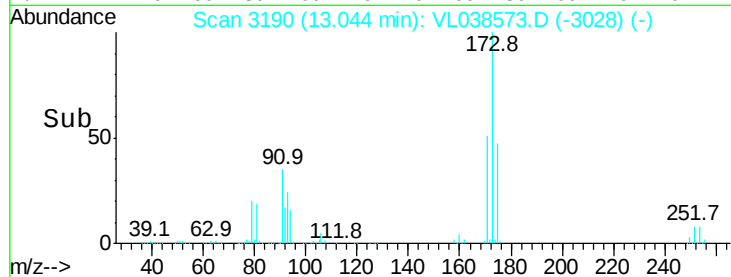
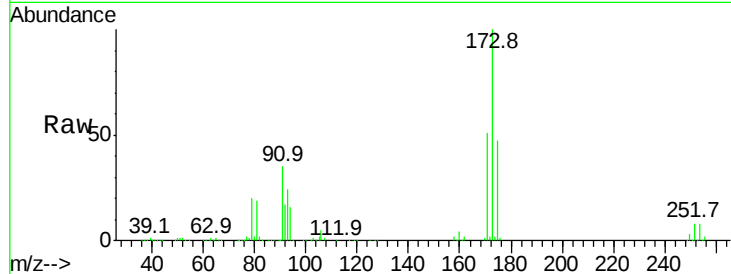
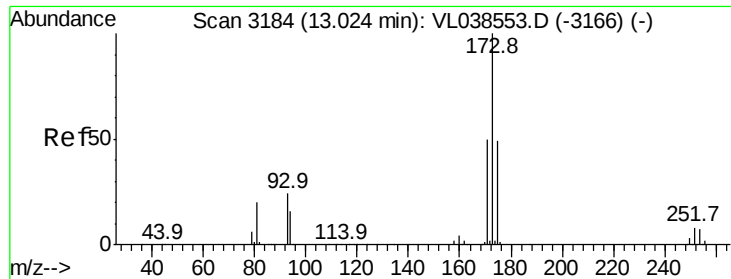
Tgt Ion:129 Resp: 1425257

Ion Ratio Lower Upper

129 100

127 79.6 39.5 118.3





#49

Bromoform

Concen: 11.73 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Ratio

173 100

175 50.

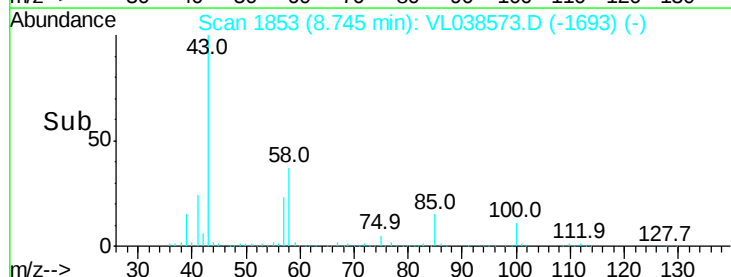
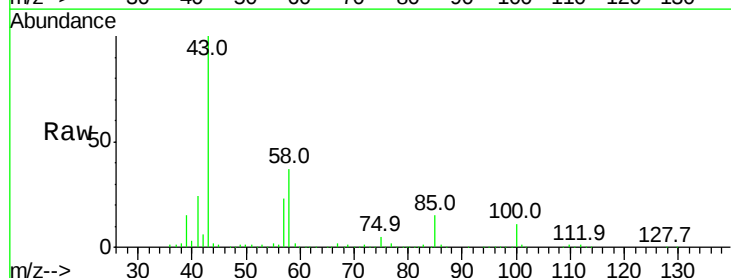
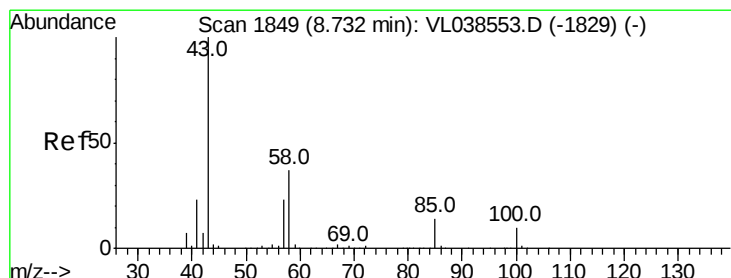
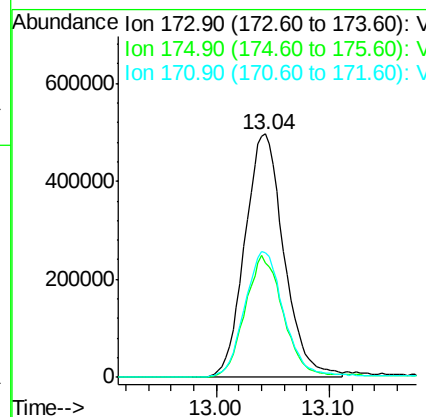
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#50

4-Methyl-2-Pentanone

Concen: 10.02 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.01 min

Lab File: VL038573.D

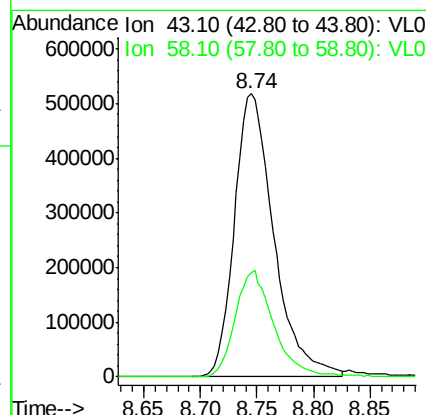
Acq: 9 Mar 2022 12:28

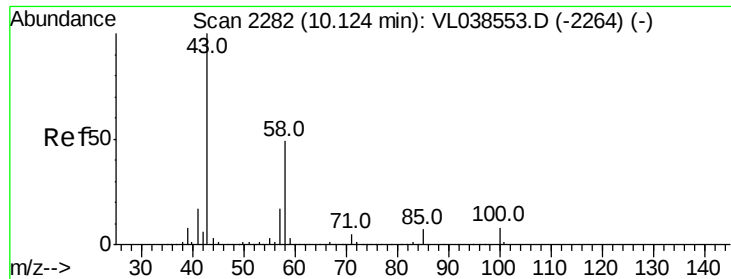
Tgt Ion: 43 Resp: 1260399

Ion Ratio Lower Upper

43 100

58 37.1 29.2 43.8



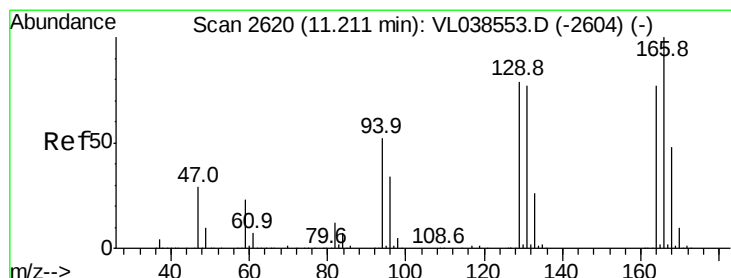
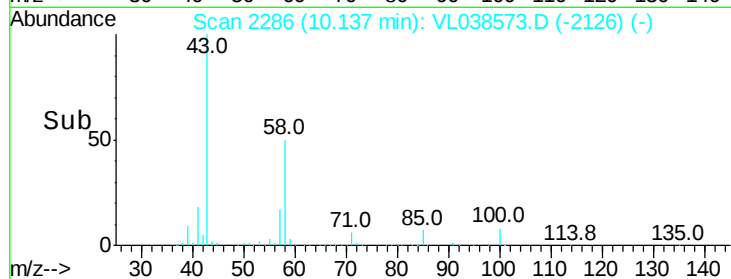
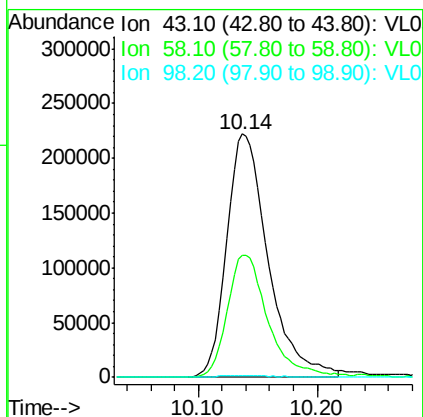
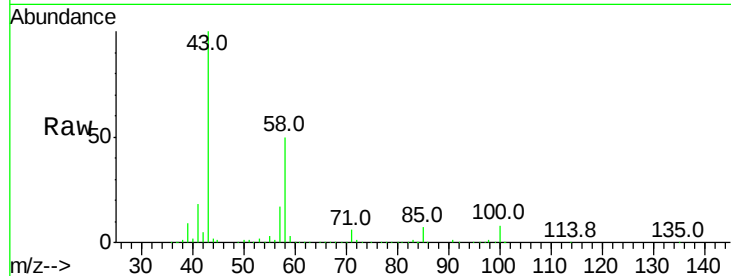


#51
2-Hexanone
Concen: 10.02 ppbv
RT: 10.14 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL0309ABS01
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
43 100
58 50.0
98 0.0

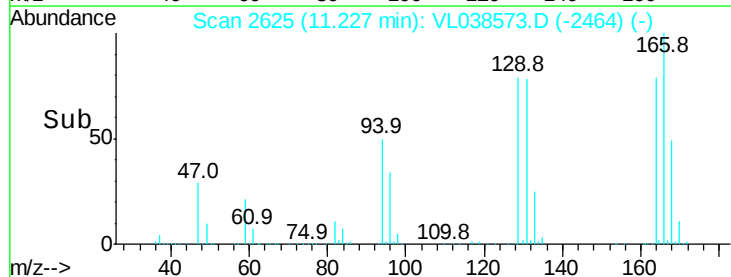
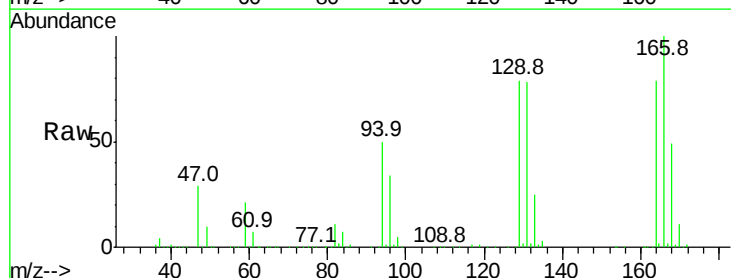
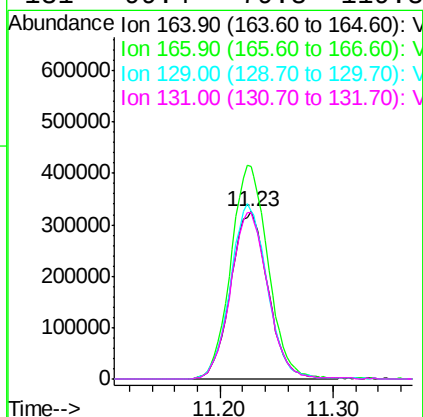
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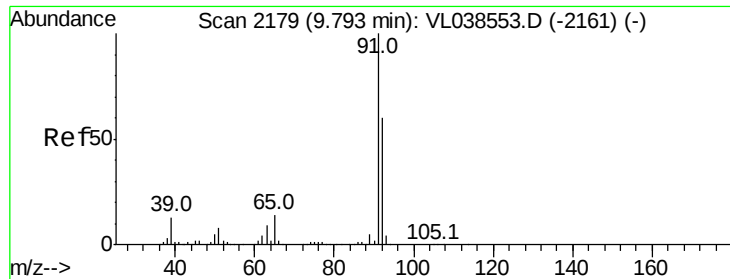
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#52
Tetrachloroethene
Concen: 9.54 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion:164 Resp: 747055
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.2
129 100.2 81.3 121.9
131 99.4 79.8 119.8





#53

Toluene

Concen: 10.35 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

91 100

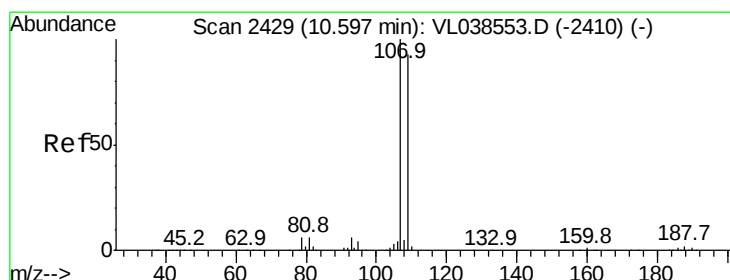
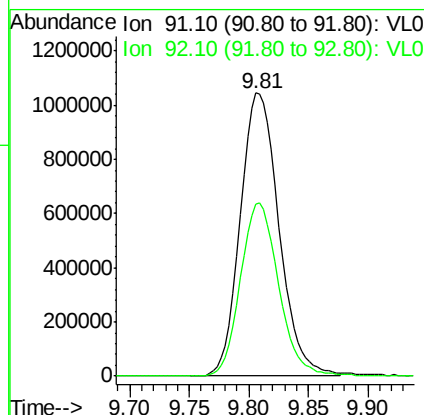
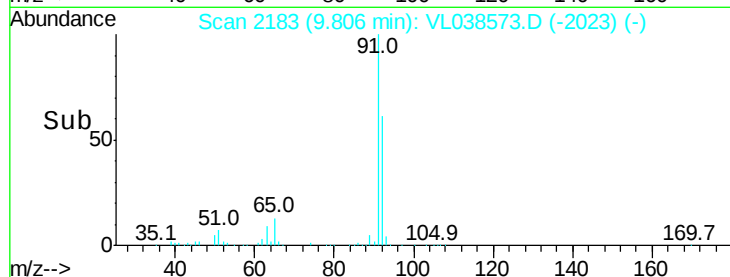
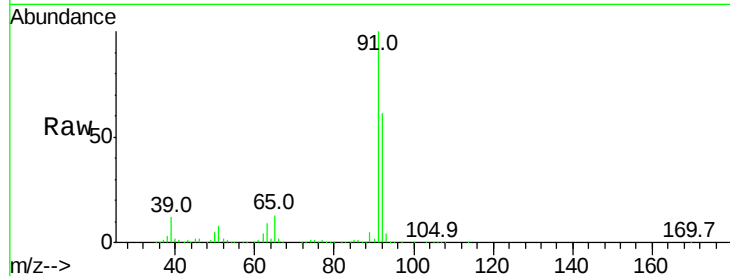
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#54

1,2-Dibromoethane

Concen: 10.27 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.02 min

Lab File: VL038573.D

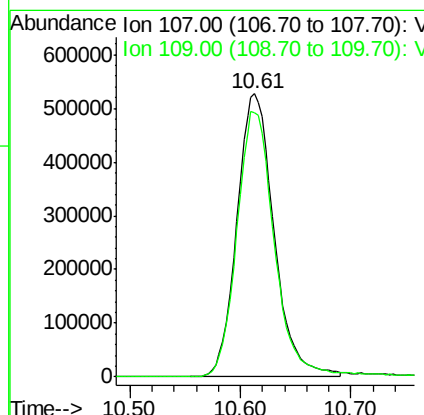
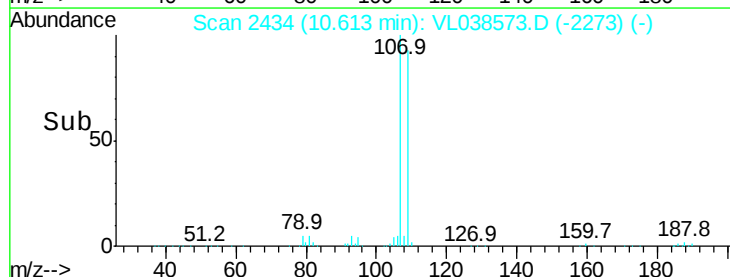
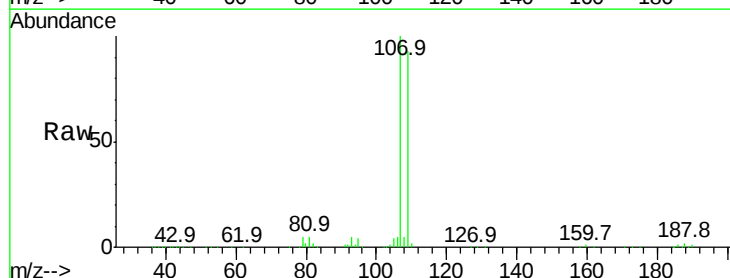
Acq: 9 Mar 2022 12:28

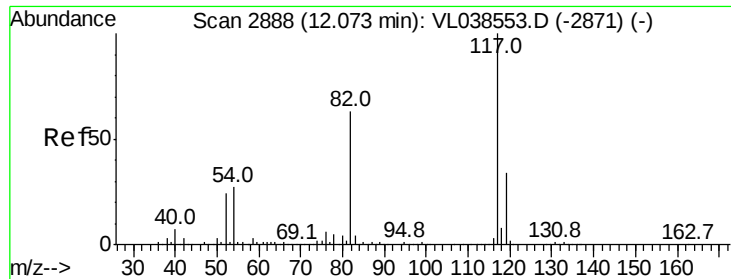
Tgt Ion:107 Resp: 1228584

Ion Ratio Lower Upper

107 100

109 93.1 74.6 112.0



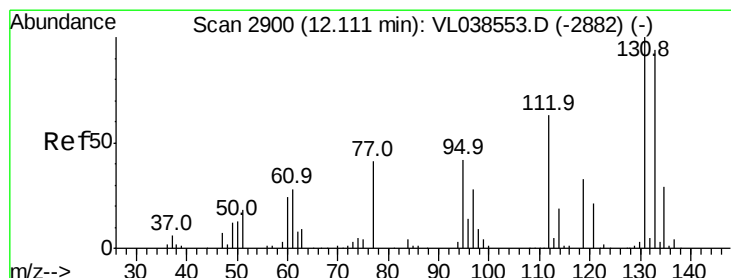
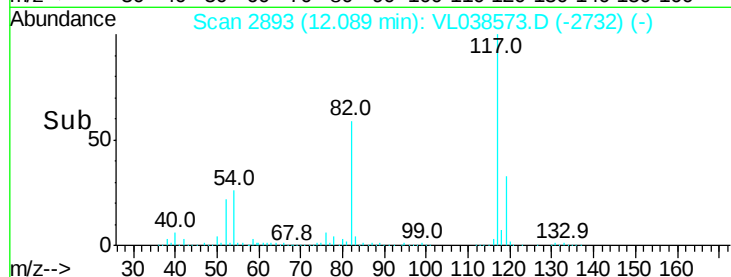
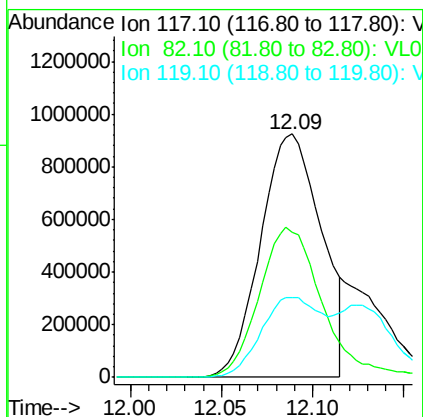
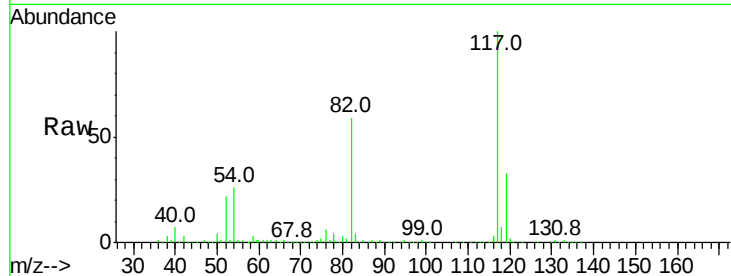


#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 9 Mar 2022 12:28

Tgt Ion:1
Ion Rati
117 100
82 66.
119 34.

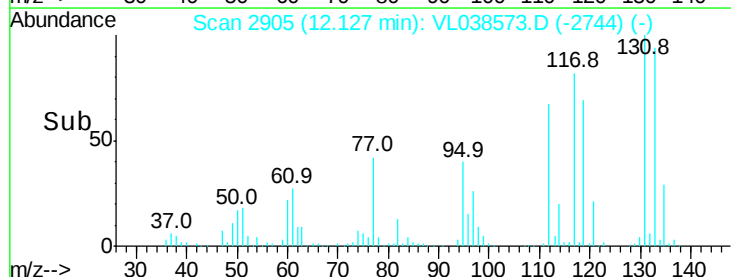
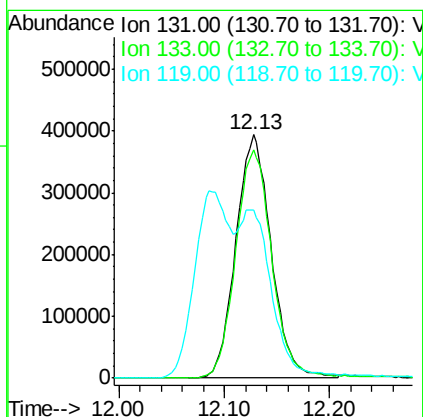
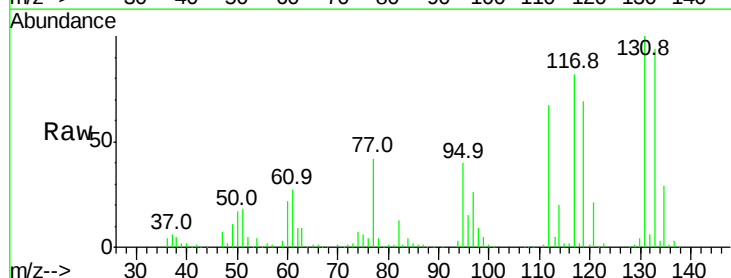
Manual Integrations
APPROVED

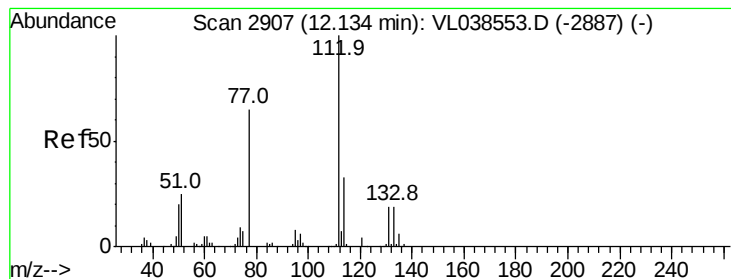
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.53 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion:131 Resp: 917700
Ion Ratio Lower Upper
131 100
133 97.1 78.0 117.0
119 69.7 53.1 79.7





#57

Chlorobenzene

Concen: 10.46 ppbv

RT: 12.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Rati

112 100

77 62.

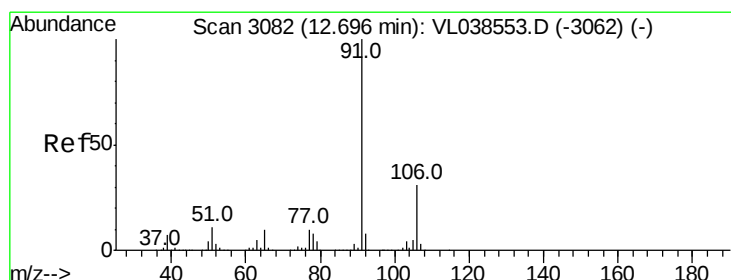
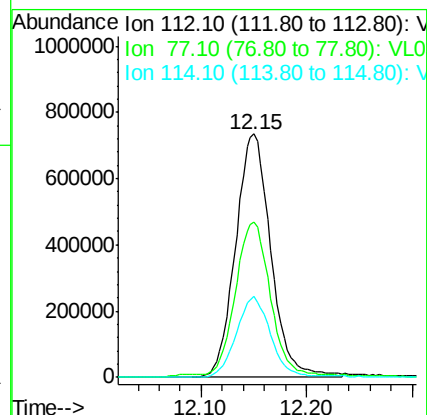
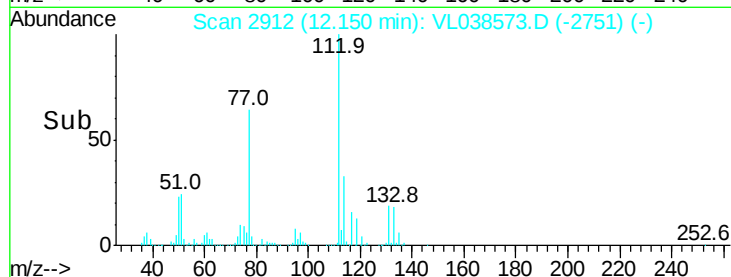
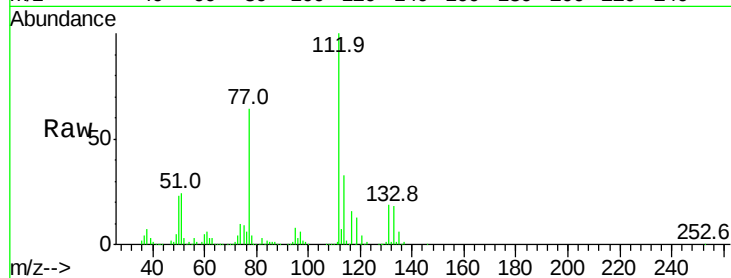
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#58

Ethyl Benzene

Concen: 10.87 ppbv

RT: 12.71 min Scan# 3087

Delta R.T. 0.02 min

Lab File: VL038573.D

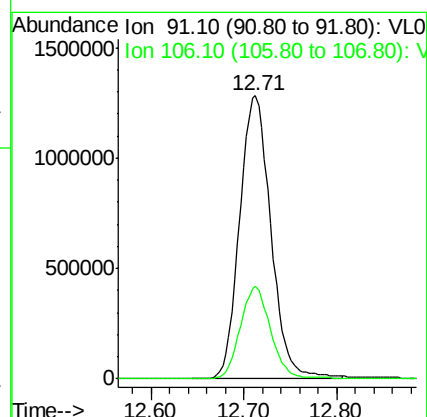
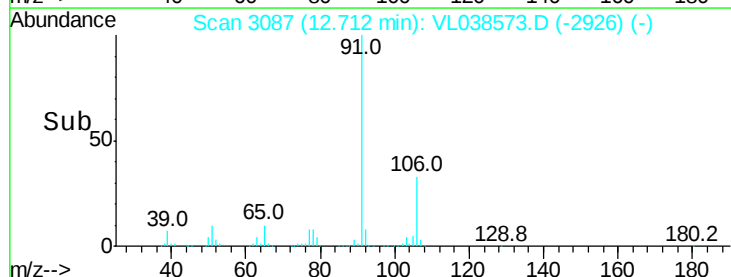
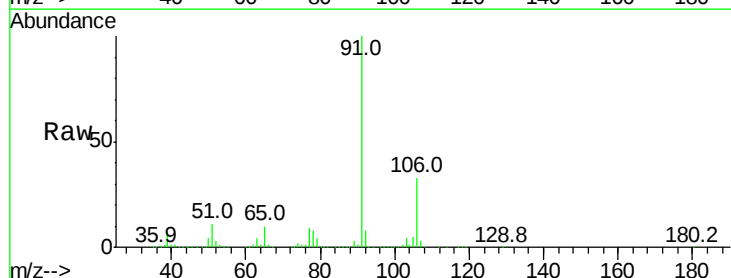
Acq: 9 Mar 2022 12:28

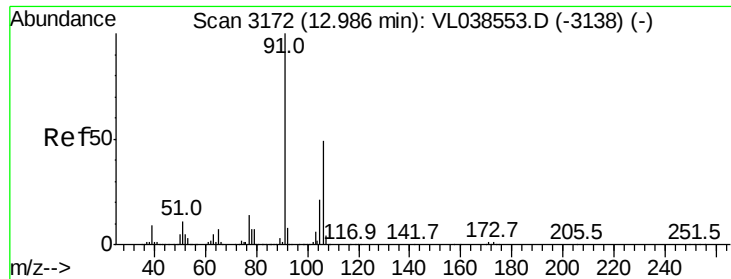
Tgt Ion: 91 Resp: 3011380

Ion Ratio Lower Upper

91 100

106 32.8 24.6 37.0



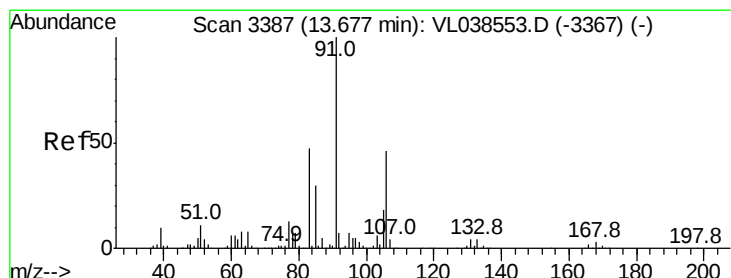
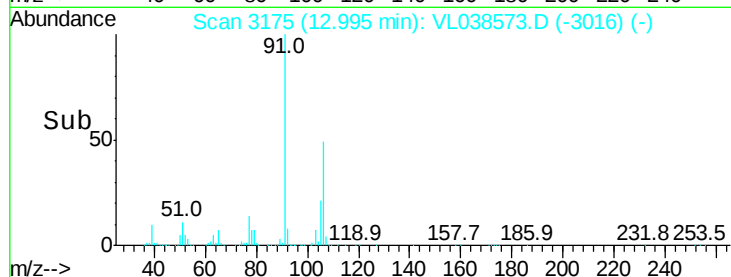
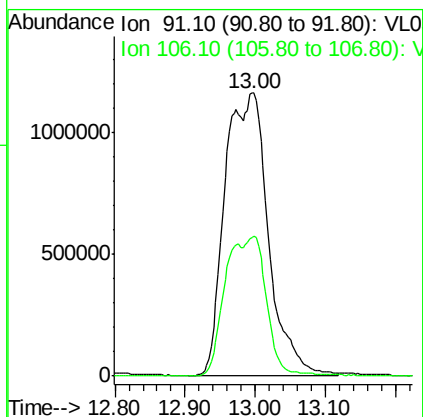
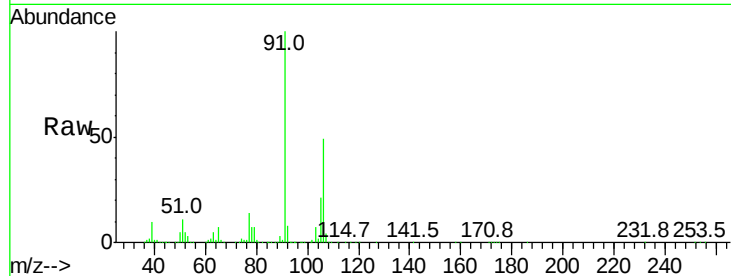


#59
m/p-Xylene
Concen: 21.13 ppbv m
RT: 13.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0309ABS01
Acq: 9 Mar 2022 12:28

Tgt Ion:
Ion Ratio
91 100
106 46.

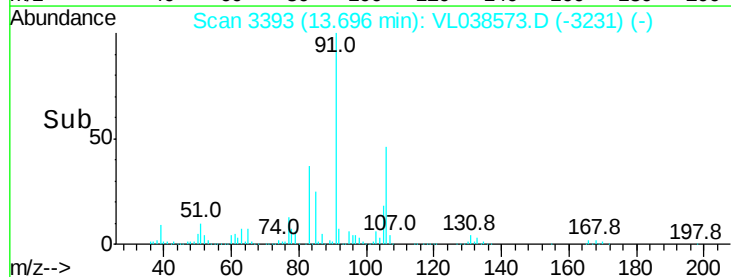
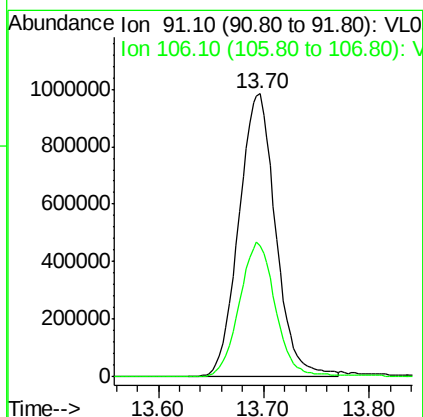
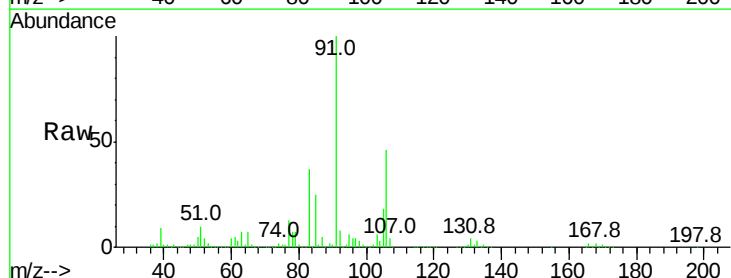
Manual Integrations
APPROVED

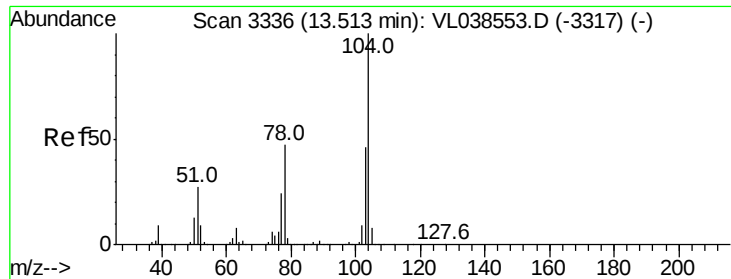
Reviewed By :Semsettin Yesilyurt 03/10/2022
Supervised By :Mahesh Dadoda 03/14/2022



#60
o-Xylene
Concen: 10.67 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.02 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 91 Resp: 2388358
Ion Ratio Lower Upper
91 100
106 47.6 23.5 70.6





#61

Styrene

Concen: 11.83 ppbv

RT: 13.53

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Rati

104 100

78 47.

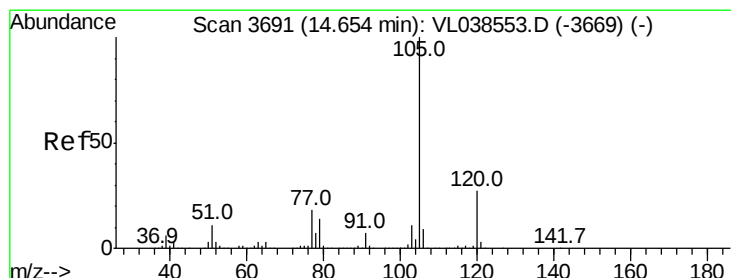
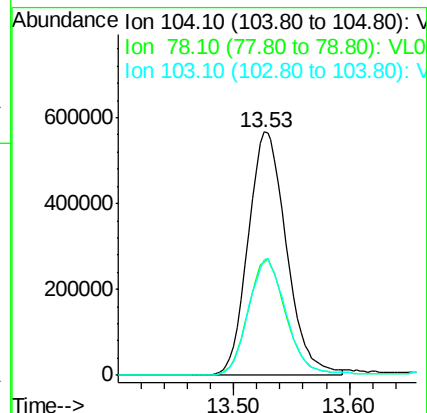
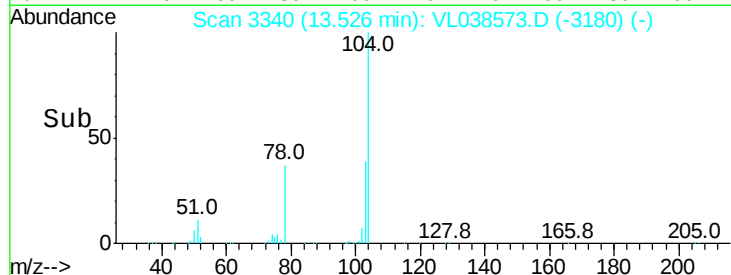
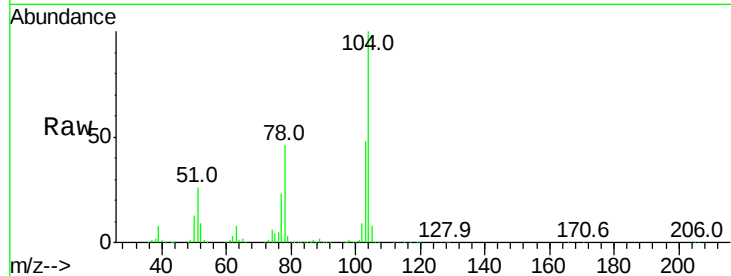
103 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#62

Isopropylbenzene

Concen: 10.72 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. 0.01 min

Lab File: VL038573.D

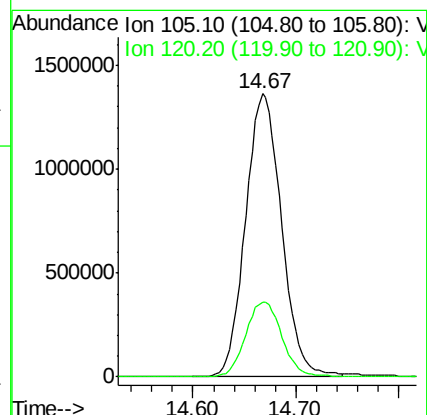
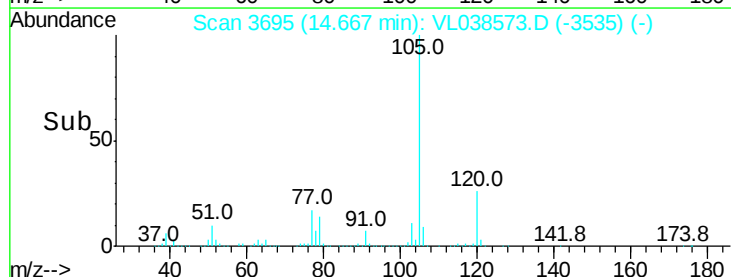
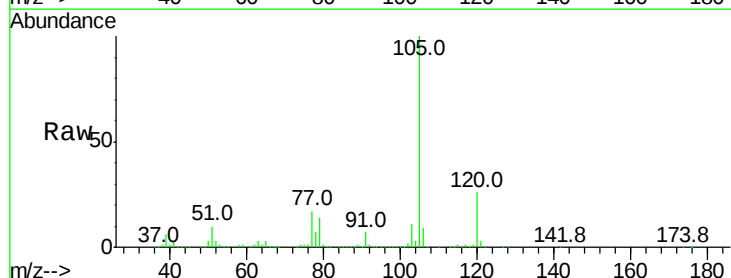
Acq: 9 Mar 2022 12:28

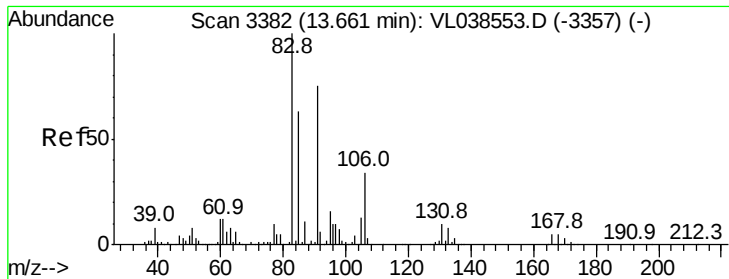
Tgt Ion:105 Resp: 3311467

Ion Ratio Lower Upper

105 100

120 26.9 21.2 31.8



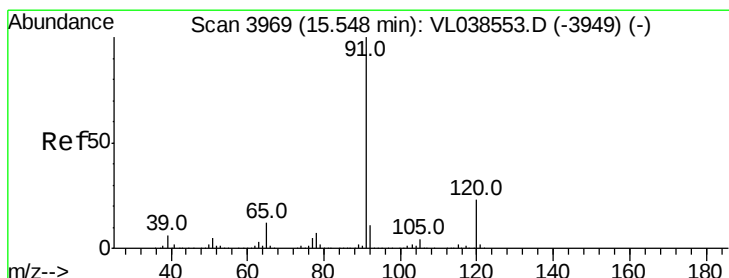
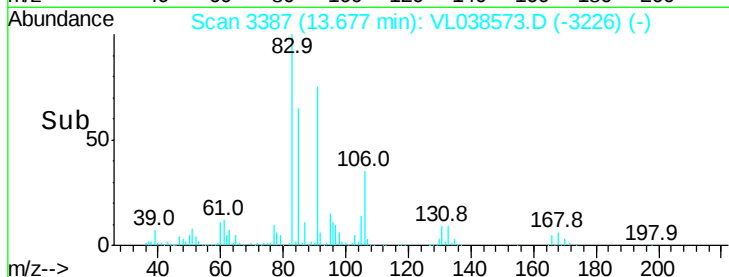
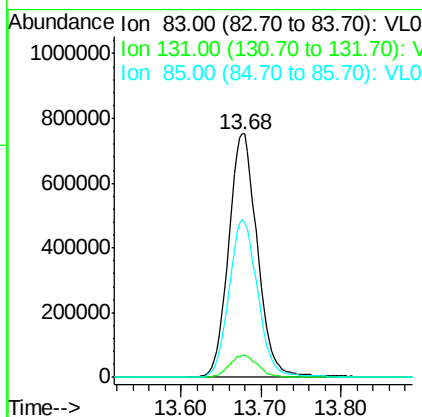
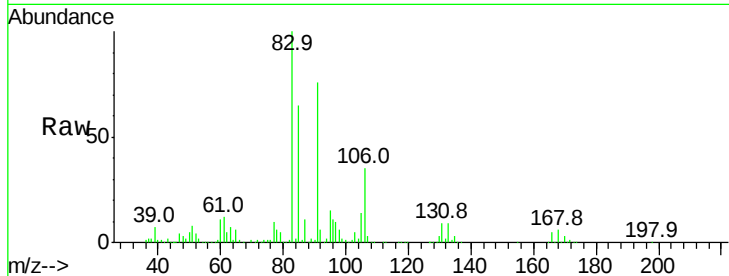


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.68 ppbv
 RT: 13.68 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

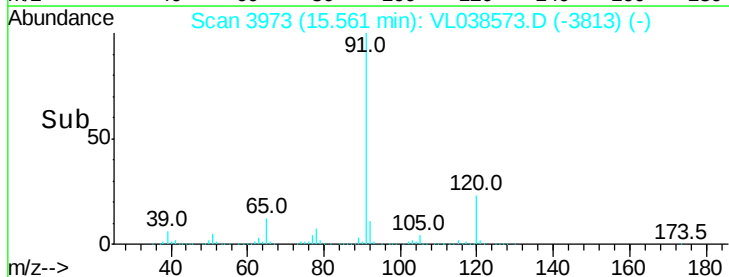
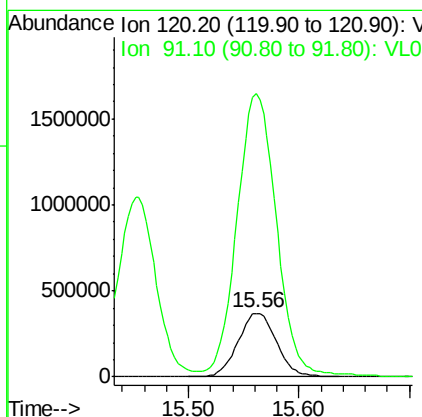
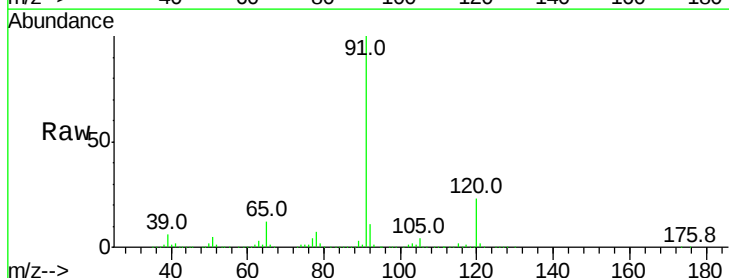
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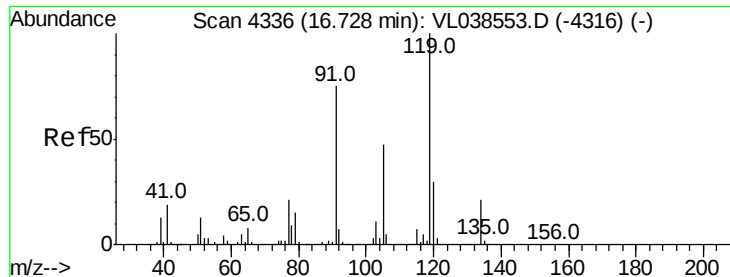
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#64
 n-propylbenzene
 Concen: 11.39 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion:120 Resp: 896701
 Ion Ratio Lower Upper
 120 100
 91 458.2 374.2 561.2





#65

tert-Butylbenzene

Concen: 10.51 ppbv

RT: 16.74

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Rati

119 100

91 75.

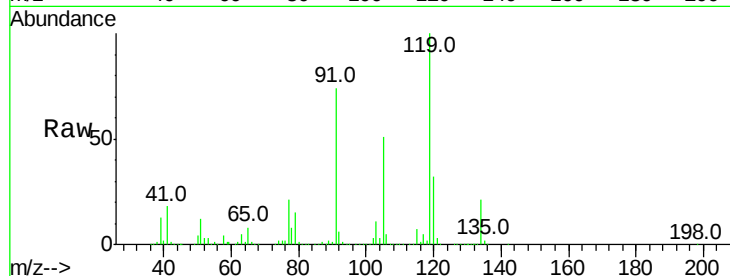
134 20.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

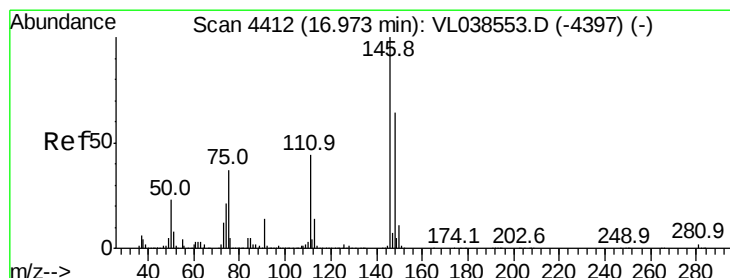
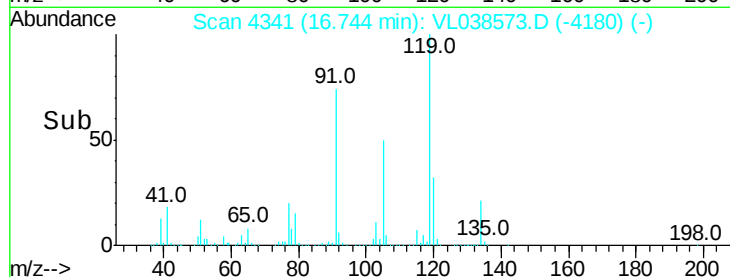
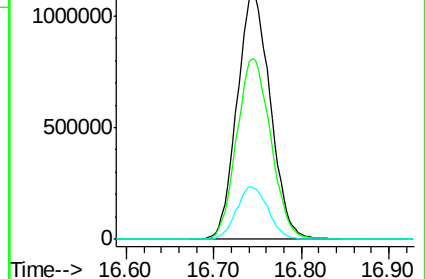
Supervised By :Mahesh Dadoda 03/14/2022



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 11.16 ppbv

RT: 16.99 min Scan# 4417

Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

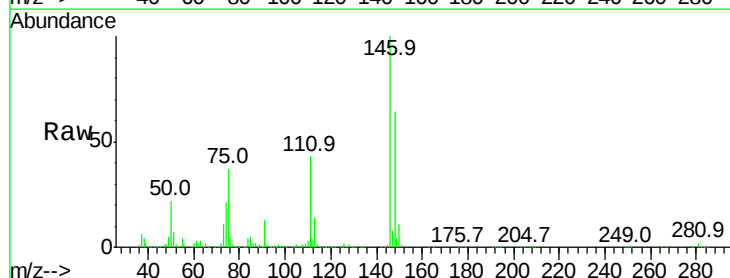
Tgt Ion: 91 Resp: 182753

Ion Ratio Lower Upper

91 100

126 18.1 14.1 21.1

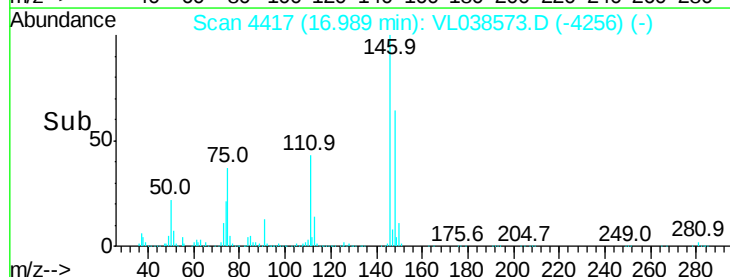
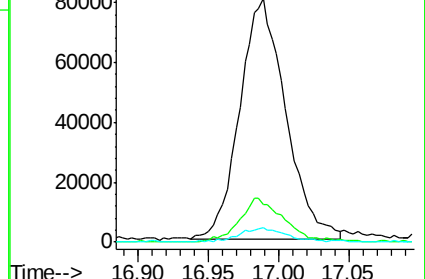
128 6.3 5.1 7.7

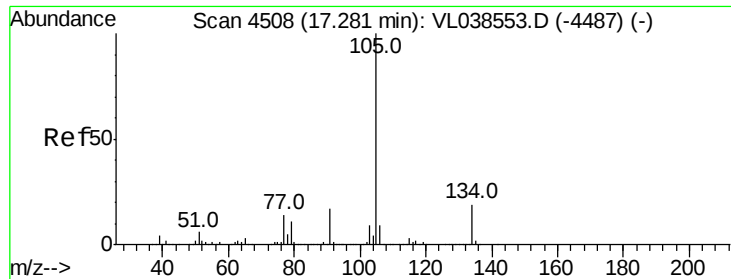


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.53 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 9 Mar 2022 12:28

Tgt Ion:1

Ion Ratio

105 100

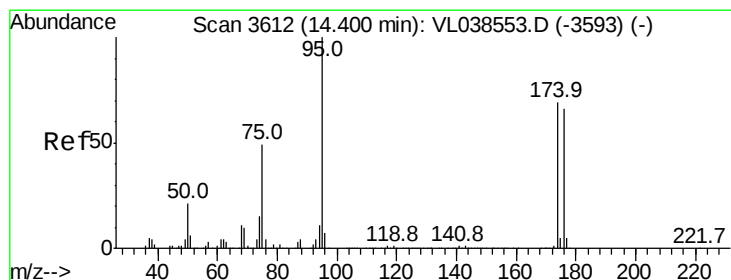
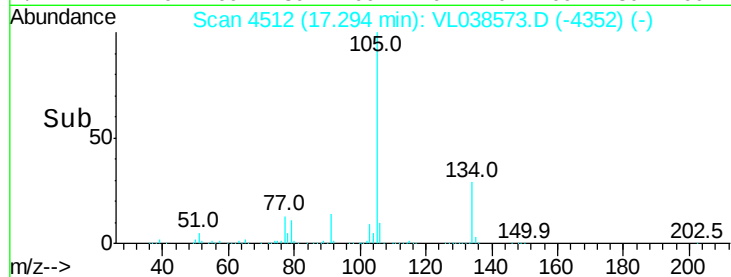
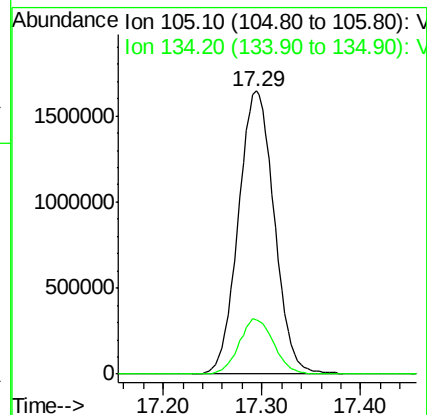
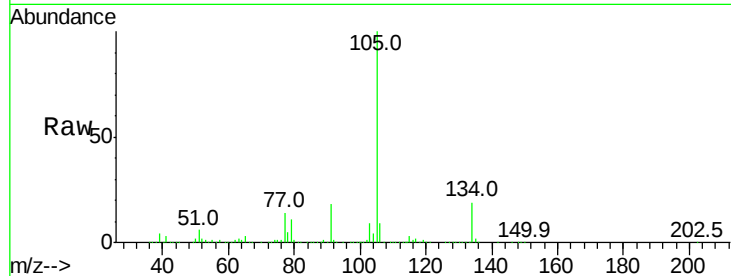
134 19.

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.58 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

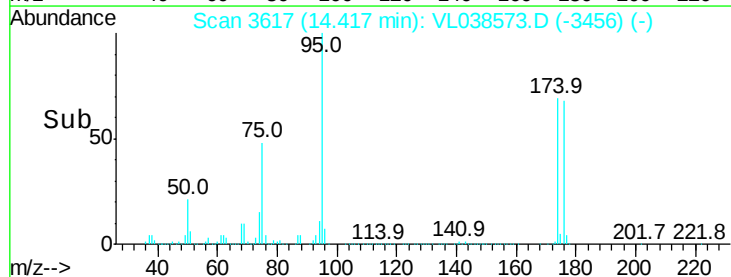
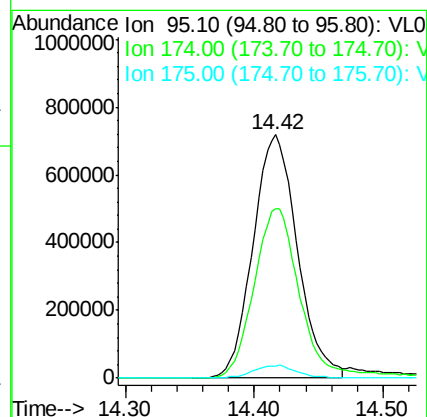
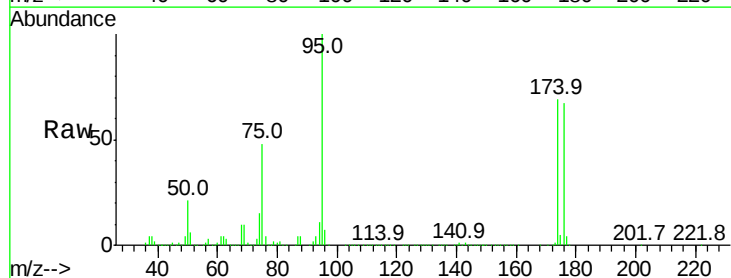
Tgt Ion: 95 Resp: 1720959

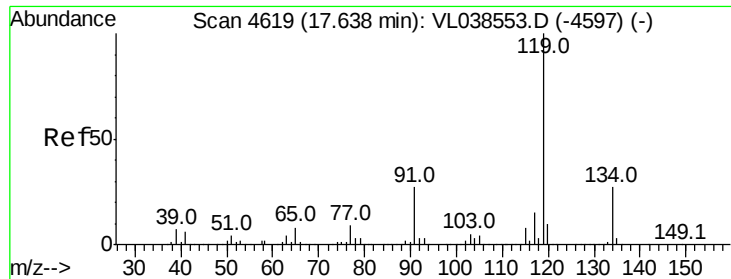
Ion Ratio Lower Upper

95 100

174 73.7 56.2 84.4

175 5.4 4.2 6.2



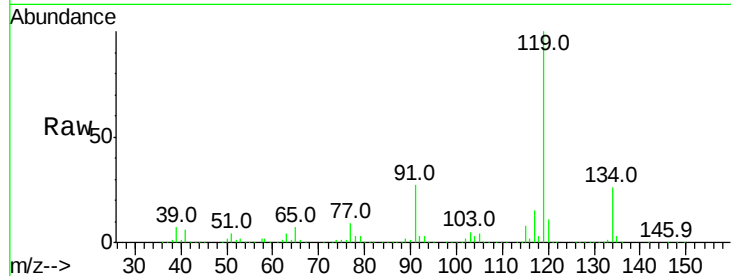


#69
 p-Isopropyltoluene
 Concen: 10.45 ppbv
 RT: 17.65 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0309ABS01
 Acq: 9 Mar 2022 12:28

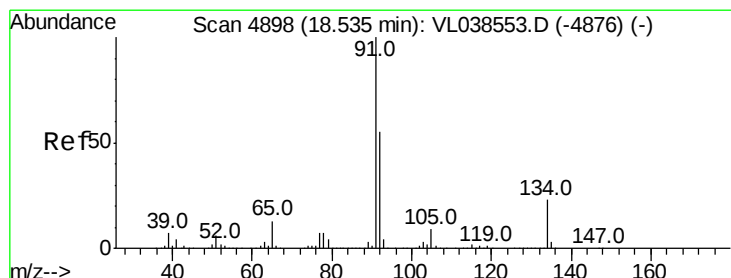
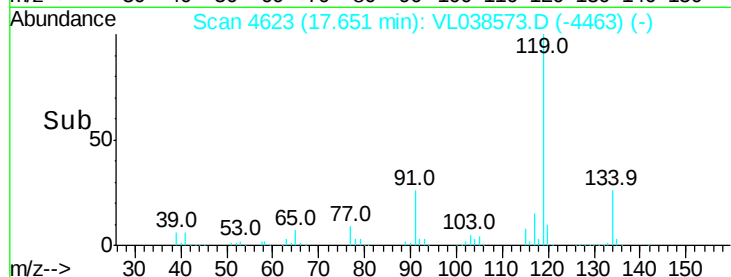
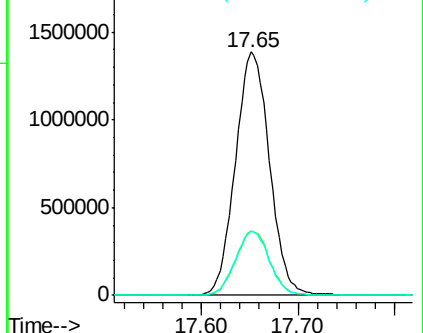
Tgt Ion: 119
 Ion Ratio:
 119 100
 134 26.1
 91 26.1

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

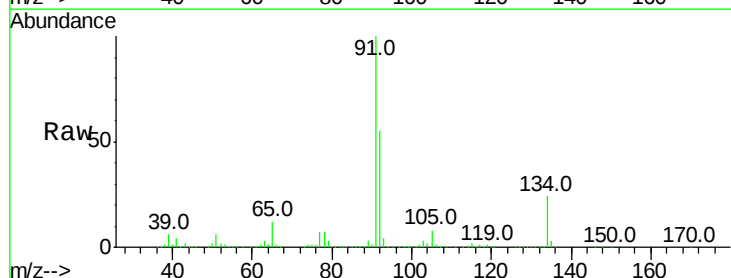


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

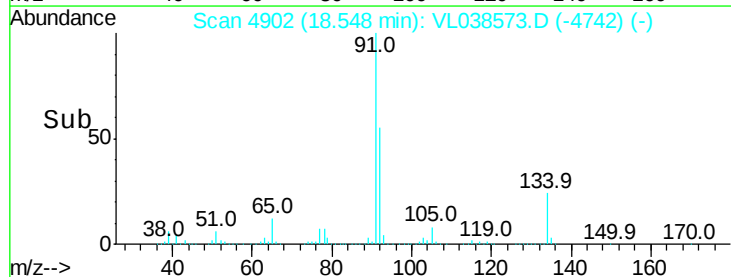
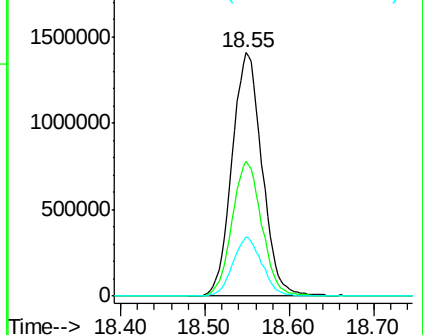


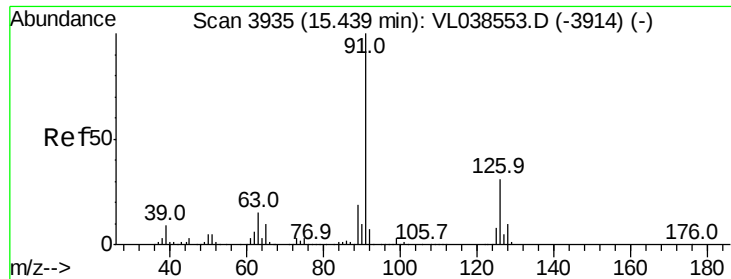
#70
 n-Butylbenzene
 Concen: 10.08 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T.: 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 91 Resp: 3492931
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.8 65.8
 134 23.6 18.7 28.1



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 10.90 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 Mar 2022 12:28

Tgt Ion:

Ion Ratio

91 100

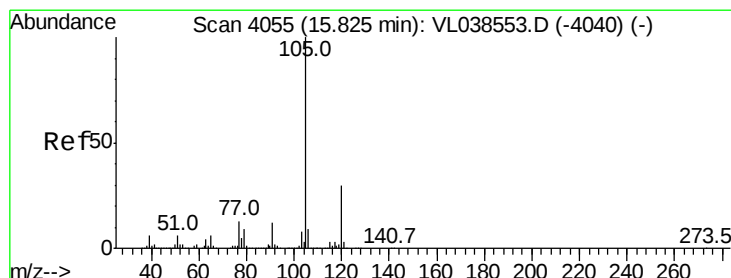
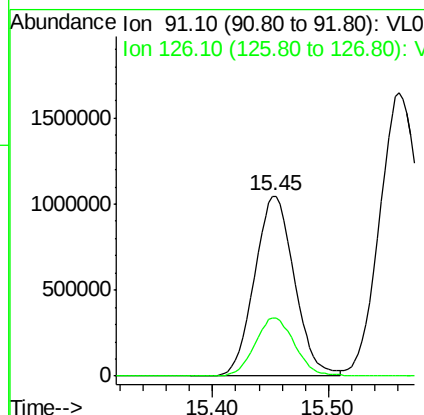
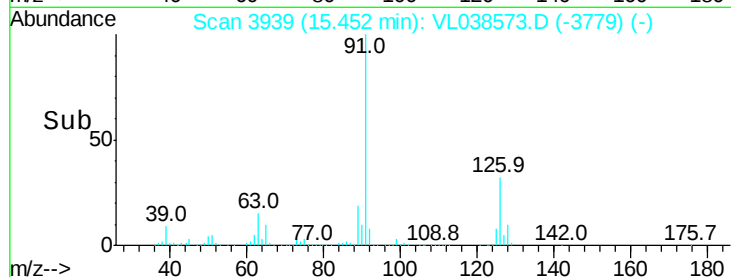
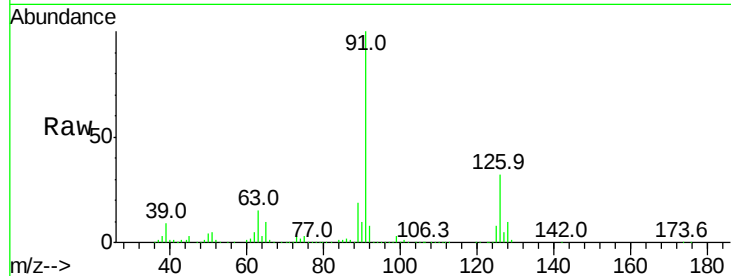
126 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/10/2022

Supervised By :Mahesh Dadoda 03/14/2022



#72

4-Ethyltoluene

Concen: 11.27 ppbv

RT: 15.84 min Scan# 4060

Delta R.T. 0.02 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

Tgt Ion:105 Resp: 2899175

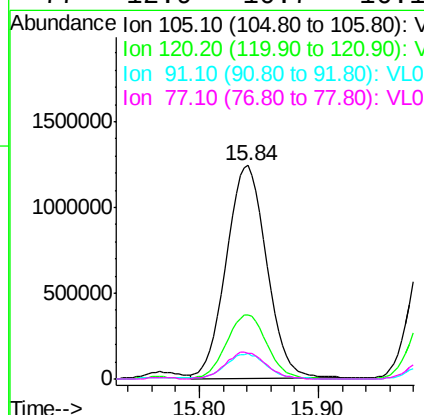
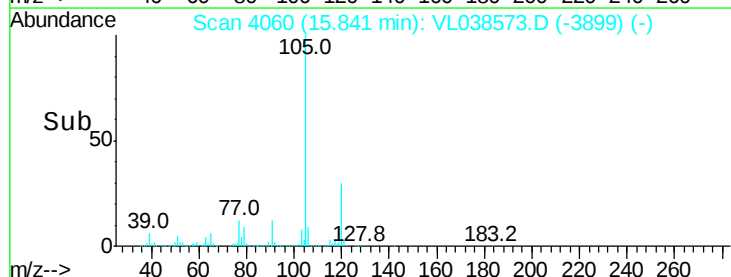
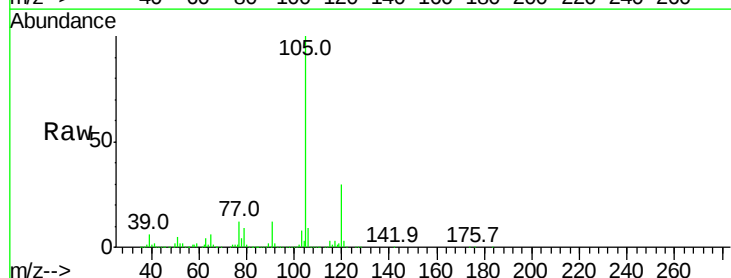
Ion Ratio Lower Upper

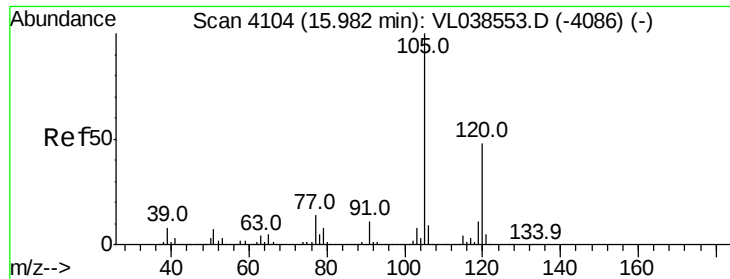
105 100

120 30.7 25.0 37.4

91 11.8 9.8 14.6

77 12.9 10.7 16.1



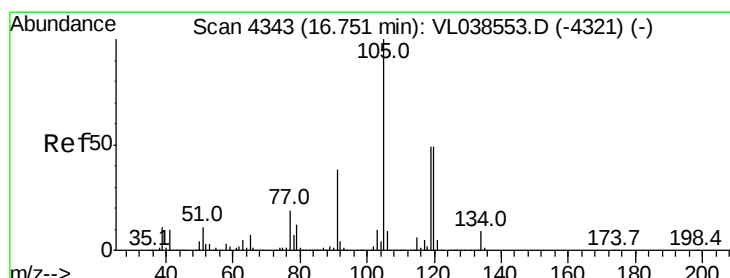
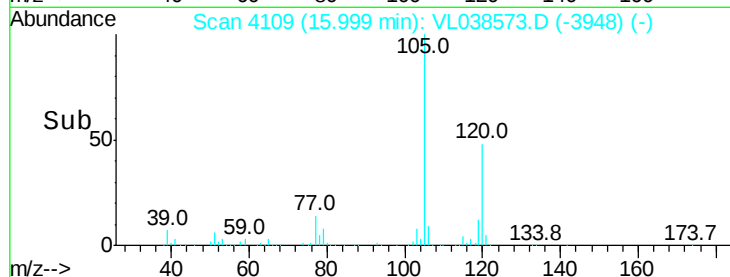
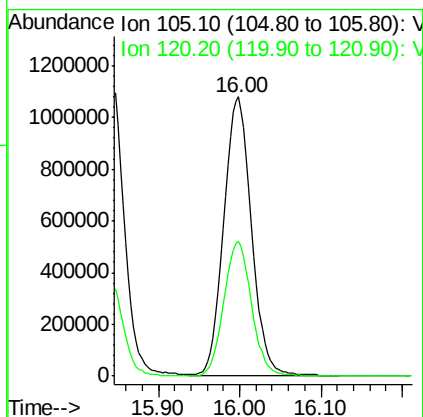
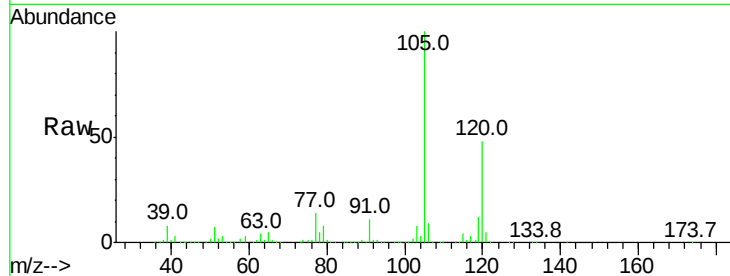


#73
 1,3,5-Trimethylbenzene
 Concen: 10.80 ppbv
 RT: 16.00 min
 Delta R.T. 0.01 min
 Lab File: VL0309ABS01
 Acq: 9 Mar 2022 12:28

Tgt Ion: 105
 Ion Ratio: 100
 105 100
 120 48.

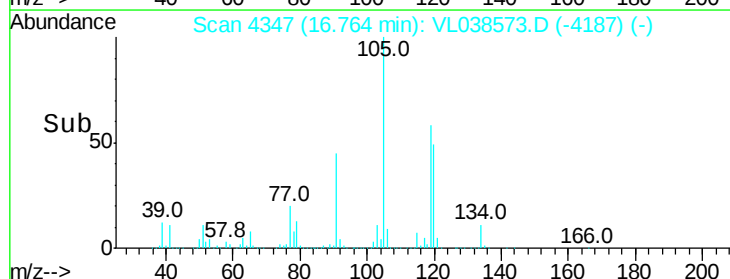
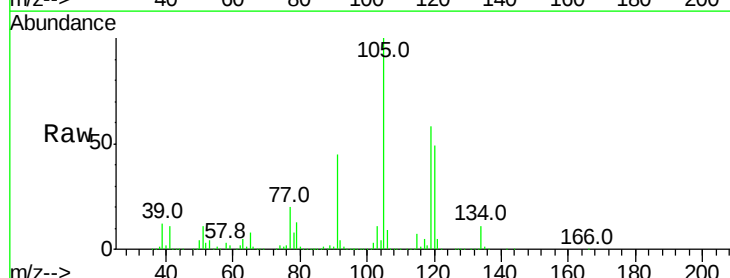
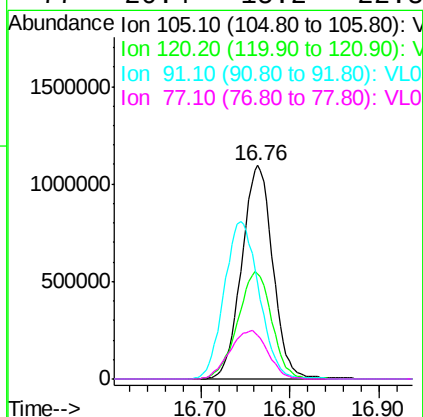
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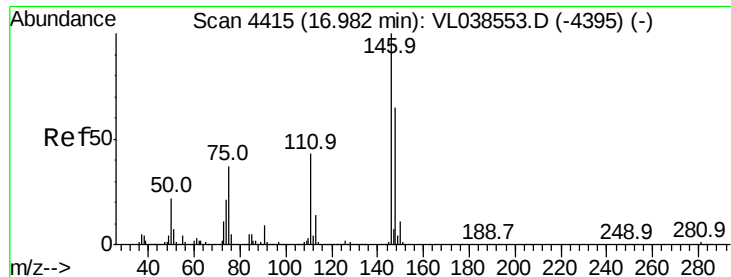
Reviewed By : Semsettin Yesilyurt 03/10/2022
 Supervised By : Mahesh Dadoda 03/14/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.37 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion: 105 Resp: 2643987
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.9 58.3
 91 44.7 30.6 46.0
 77 20.4 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 10.46 ppbv

RT: 17.00

Delta R.T. MSVOA_L

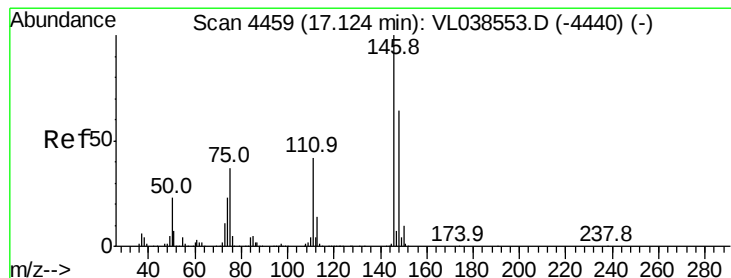
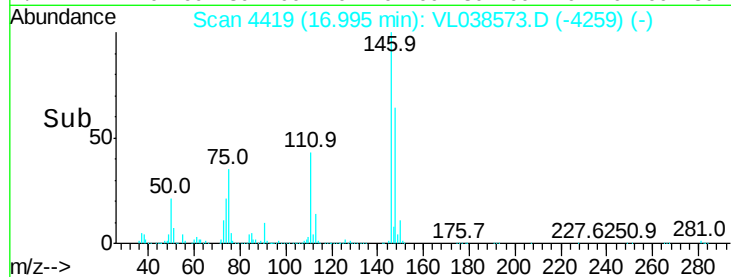
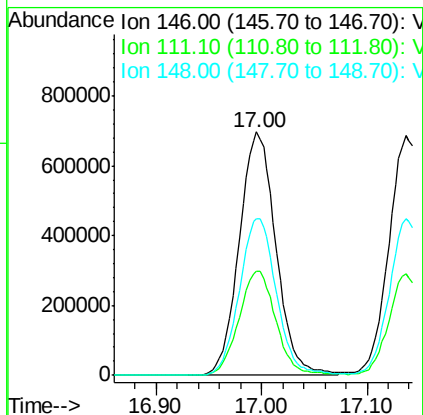
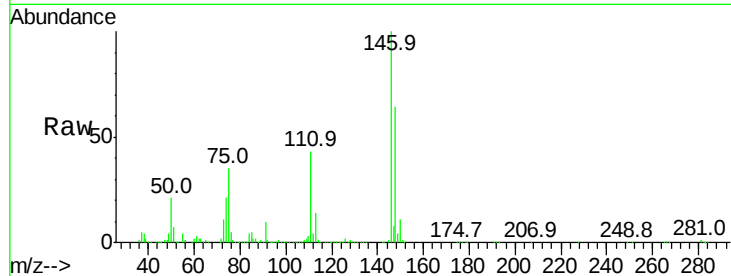
Lab File: ClientSampled :

Acq: 9 Mar 2022 12:28

Tgt Ion:1
Ion Rati
146 100
111 43.
148 65.

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



#76

1,4-Dichlorobenzene

Concen: 10.31 ppbv

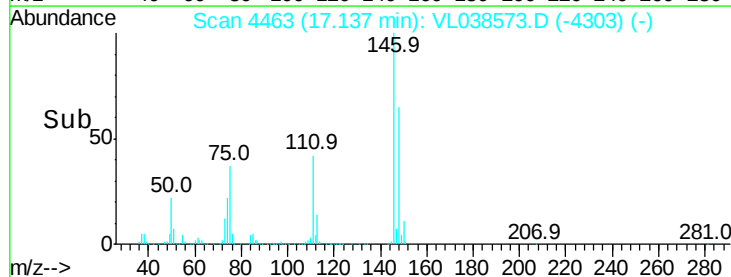
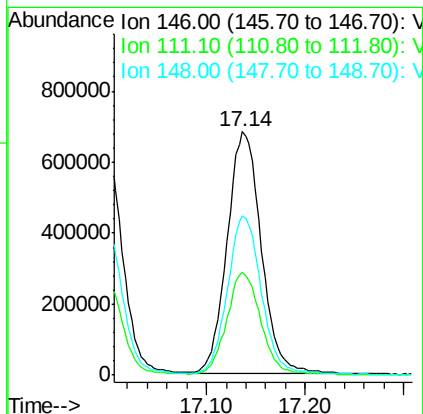
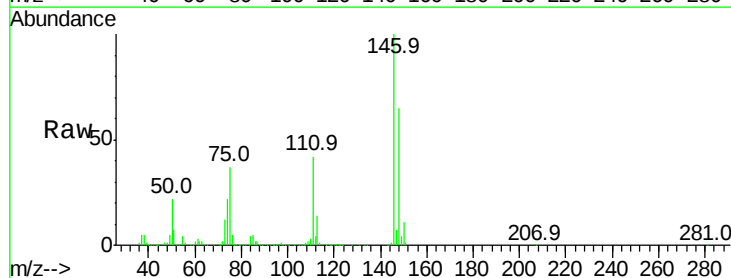
RT: 17.14 min Scan# 4463

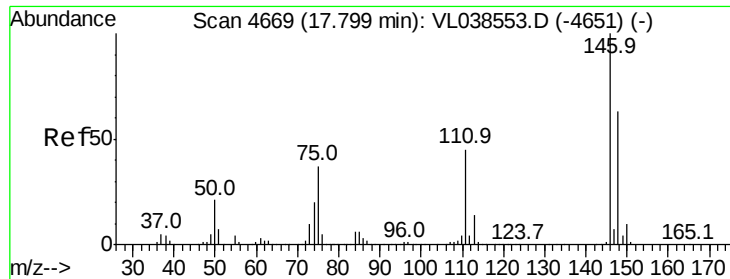
Delta R.T. 0.01 min

Lab File: VL038573.D

Acq: 9 Mar 2022 12:28

Tgt Ion:146 Resp: 1642578
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.3
148 66.0 32.8 98.4



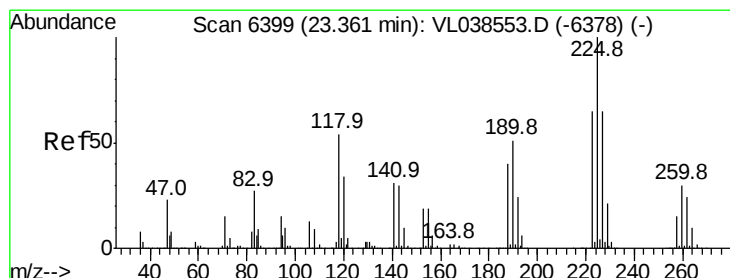
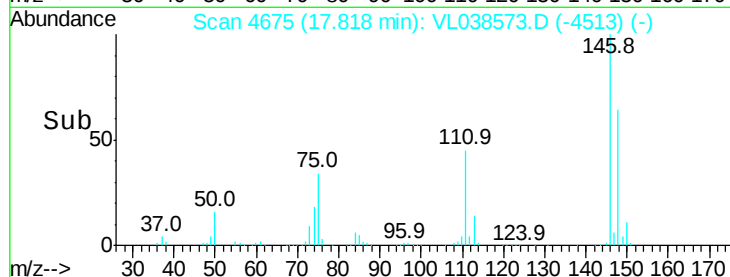
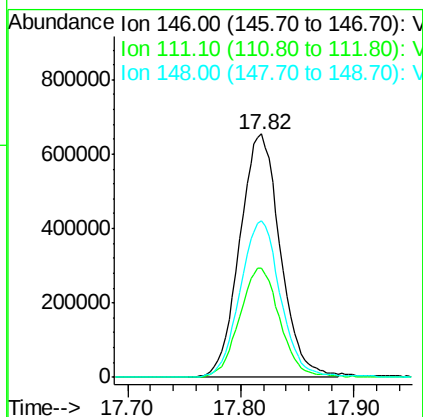
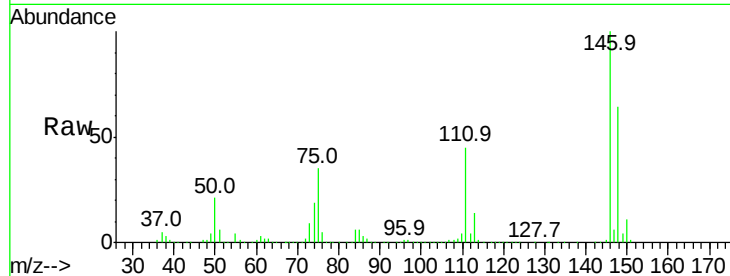


#77
 1,2-Dichlorobenzene
 Concen: 9.96 ppbv
 RT: 17.82
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 Acq: 9 Mar 2022 12:28

Tgt Ion:1
 Ion Rati
 146 100
 111 45.
 148 64.

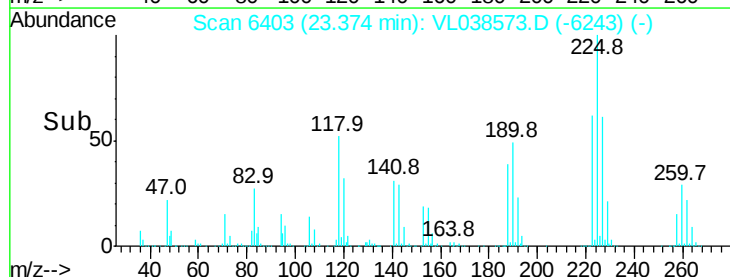
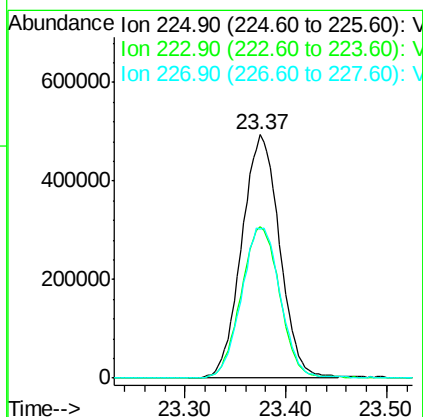
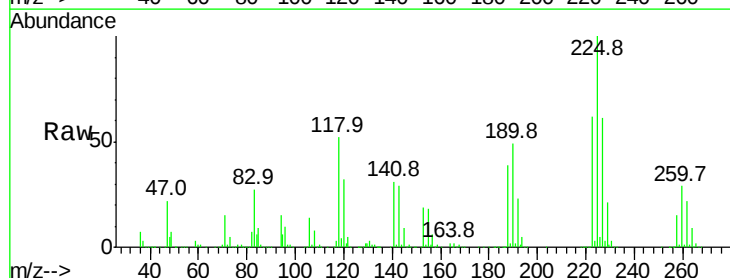
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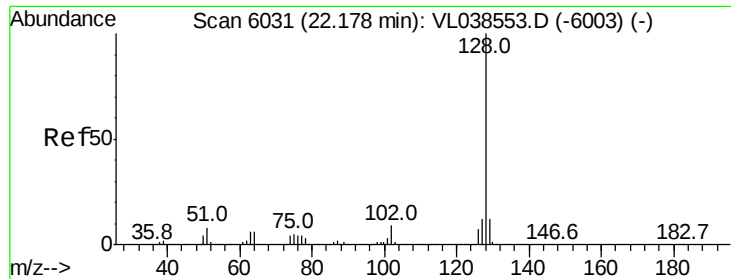
Reviewed By :Semsettin Yesilyurt 03/10/2022
 Supervised By :Mahesh Dadoda 03/14/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.10 ppbv
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.01 min
 Lab File: VL038573.D
 Acq: 9 Mar 2022 12:28

Tgt Ion:225 Resp: 1286617
 Ion Ratio Lower Upper
 225 100
 223 63.8 51.4 77.0
 227 63.8 51.9 77.9



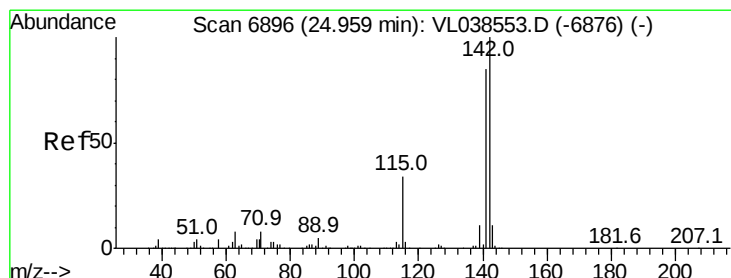
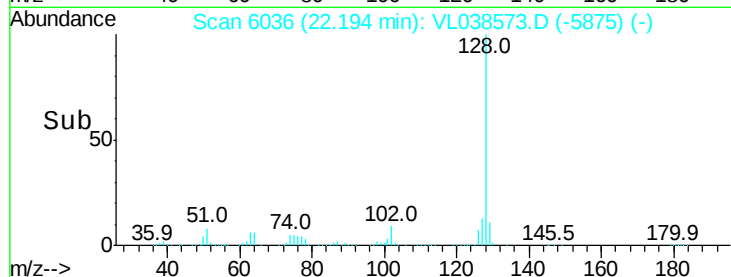
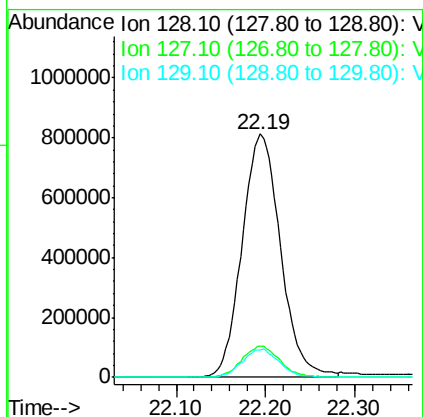
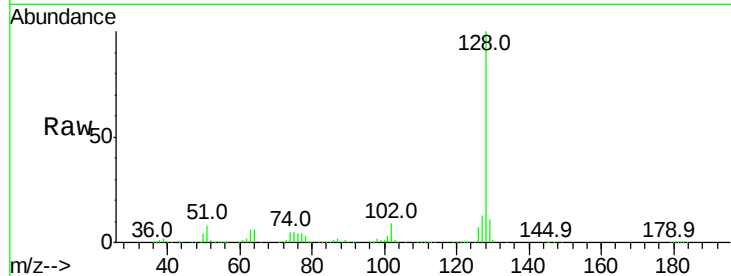


#79
Naphthalene
Concen: 10.65 ppbv
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0309ABS01
Acq: 9 Mar 2022 12:28

Tgt Ion: 128
Ion Ratio: 100
128 100
127 12.
129 11.

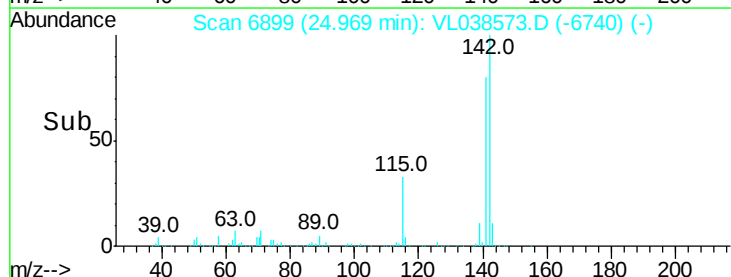
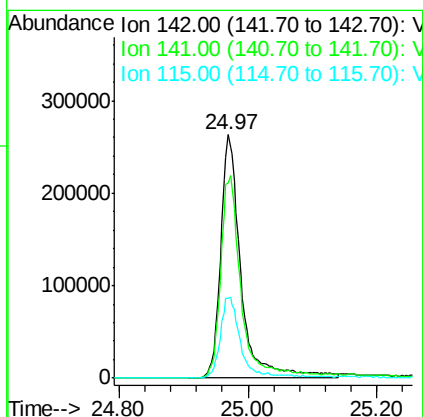
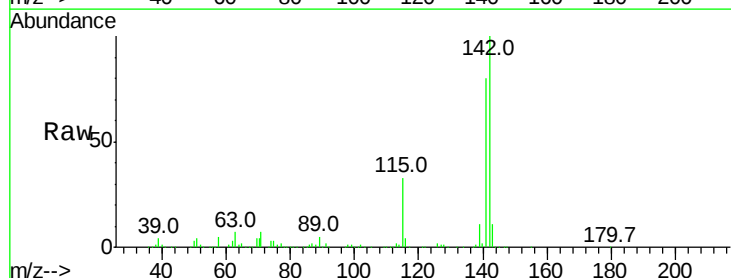
Manual Integrations
APPROVED

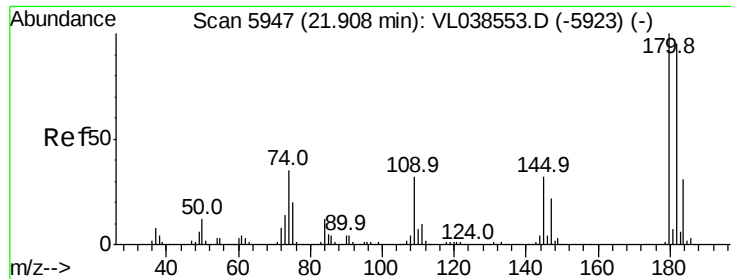
Reviewed By : Semsettin Yesilyurt 03/10/2022
Supervised By : Mahesh Dadoda 03/14/2022



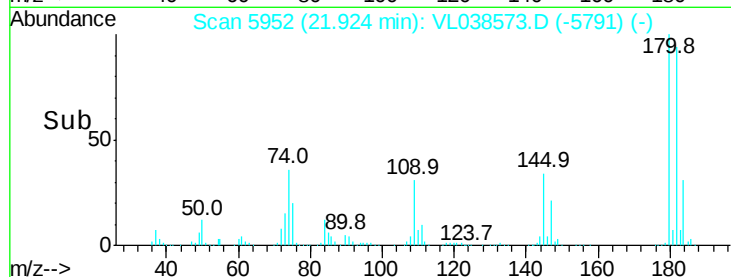
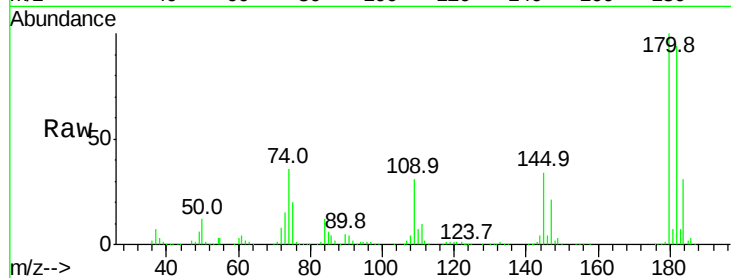
#80
Naphthalene, 2-methyl-
Concen: 14.36 ppbv
RT: 24.97 min Scan# 6899
Delta R.T.: 0.01 min
Lab File: VL038573.D
Acq: 9 Mar 2022 12:28

Tgt Ion: 142 Resp: 581681
Ion Ratio Lower Upper
142 100
141 87.0 68.4 102.6
115 33.8 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.29 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0309ABS01
 Acq: 9 Mar 2022 12:28



Tgt Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
 APPROVED

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

