

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038958.D
 Acq On : 5 May 2022 3:24
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Quant Time: May 05 05:00:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

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

QLast Update : Thu May 05 04:53:24 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1370165	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3320044	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3114181	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2371658	9.63	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	416166	1.879 ppbv	96
3) Chlorodifluoromethane	2.99	51	350773	1.454 ppbv	97
4) Chloromethane	3.14	50	176658	1.971 ppbv	96
5) Vinyl Chloride	3.26	62	158183	1.727 ppbv	99
6) Bromomethane	3.47	94	72667	1.486 ppbv	96
7) Chloroethane	3.56	64	48505	1.550 ppbv	92
8) Dichlorotetrafluoroethane	3.19	85	402049	1.910 ppbv	97
9) Propene	3.01	41	150886	1.907 ppbv	99
10) Heptane	8.12	43	389091	1.920 ppbv	98
11) Trichlorofluoromethane	3.95	101	380749	1.728 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	259129	1.819 ppbv	94
13) Ethanol	3.62	45	12196m	1.408 ppbv	
14) Bromoethene	3.74	108	99440	1.677 ppbv	88
15) Acetone	3.85	43	289386	2.138 ppbv	98
16) 1,3-Butadiene	3.33	39	149166	1.654 ppbv	98
17) tert-Butyl alcohol	4.29	59	173886	1.526 ppbv	98
18) 1,1-Dichloroethene	4.29	96	120721	1.918 ppbv	97
19) Isopropyl Alcohol	3.97	45	114519m	1.586 ppbv	
20) Methylene Chloride	4.35	84	96025	1.575 ppbv	92
21) Allyl Chloride	4.41	41	172361	1.661 ppbv	92
22) trans-1,2-Dichloroethene	4.88	96	112261	1.881 ppbv	88
23) Vinyl Acetate	5.08	43	201004	0.978 ppbv #	96
24) 1,1-Dichloroethane	5.01	63	246158	1.554 ppbv	99
25) Ethyl Acetate	5.67	43	649971	2.028 ppbv	99
26) Hexane	5.68	57	291947	1.999 ppbv	99
27) Carbon Disulfide	4.55	76	261641	1.817 ppbv	95
28) Methyl tert-Butyl Ether	5.03	73	221667	1.374 ppbv	100
29) Chloroform	5.74	83	459209	1.935 ppbv	92
30) Cyclohexane	7.12	84	238374	2.015 ppbv #	85
31) cis-1,2-Dichloroethene	5.55	61	283592	1.987 ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	452134	1.892 ppbv	97
34) 2-Butanone	5.24	43	355911	2.160 ppbv	98
35) Carbon Tetrachloride	7.01	117	454278	1.784 ppbv	98
36) Benzene	6.89	78	596550	1.969 ppbv	97
37) 1,2-Dichloroethane	6.30	62	363175	2.003 ppbv	100
38) Trichloroethene	7.83	130	245435	2.024 ppbv	94
39) 1,2-Dichloropropane	7.61	63	233047	1.899 ppbv	94
40) 1,4-Dioxane	7.83	88	77307	2.455 ppbv	68
41) Tetrahydrofuran	6.05	42	234258	2.862 ppbv	97
42) Bromodichloromethane	7.78	83	497688	2.020 ppbv #	94
43) Methyl Methacrylate	8.01	69	236057	2.259 ppbv	98

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 VSTDICC002

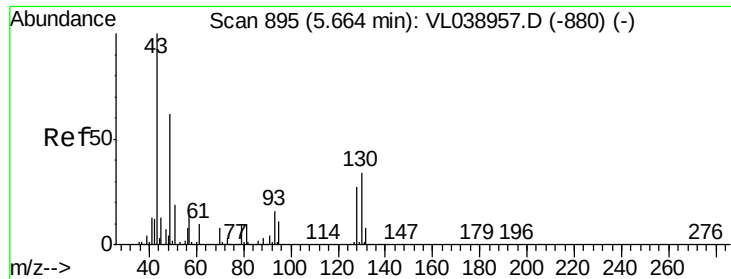
Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/07/2022
 Supervised By : Mahesh Dadoda 05/09/2022

Quant Time: May 05 05:00:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 04:53:24 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	1069238	1.996	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	219501	1.852	ppbv	96
46) cis-1,3-Dichloropropene	8.70	75	299164	1.987	ppbv	95
47) 1,1,2-Trichloroethane	9.46	97	236303	1.892	ppbv	97
48) Dibromochloromethane	10.29	129	385888	2.010	ppbv	99
49) Bromoform	13.02	173	296704	1.931	ppbv	97
50) 4-Methyl-2-Pentanone	8.74	43	621563	2.523	ppbv	99
51) 2-Hexanone	10.13	43	454139	3.257	ppbv #	94
52) Tetrachloroethene	11.21	164	204288	1.827	ppbv	99
53) Toluene	9.80	91	674515	2.085	ppbv	99
54) 1,2-Dibromoethane	10.60	107	324911	1.848	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.11	131	282827	2.016	ppbv #	1
57) Chlorobenzene	12.13	112	472848	1.815	ppbv	97
58) Ethyl Benzene	12.70	91	927126	2.071	ppbv	96
59) m/p-Xylene	12.99	91	1592440m	4.067	ppbv	
60) o-Xylene	13.68	91	758615	2.006	ppbv	98
61) Styrene	13.51	104	403466	2.141	ppbv	98
62) Isopropylbenzene	14.65	105	1100053	2.136	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	434839	1.534	ppbv	99
64) n-propylbenzene	15.55	120	271772	2.163	ppbv	93
65) tert-Butylbenzene	16.73	119	971326	2.172	ppbv	97
66) Benzyl Chloride	16.97	91	100932m	1.845	ppbv	
67) sec-Butylbenzene	17.28	105	1407345	2.217	ppbv	98
69) p-Isopropyltoluene	17.64	119	1151801	2.321	ppbv	99
70) n-Butylbenzene	18.54	91	1229017	2.362	ppbv	99
71) 2-Chlorotoluene	15.44	91	866922	2.237	ppbv	97
72) 4-Ethyltoluene	15.82	105	894310	2.153	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	795172	2.054	ppbv	95
74) 1,2,4-Trimethylbenzene	16.74	105	856728	2.050	ppbv #	89
75) 1,3-Dichlorobenzene	16.98	146	467510m	1.997	ppbv	
76) 1,4-Dichlorobenzene	17.12	146	455217	1.952	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	445379	2.010	ppbv	95
78) Hexachloro-1,3-Butadiene	23.36	225	440595	2.209	ppbv	98
79) Naphthalene	22.18	128	754934	2.930	ppbv	97
80) Naphthalene, 2-methyl-	24.96	142	214295	3.811	ppbv	98
81) 1,2,4-Trichlorobenzene	21.91	180	408101	2.609	ppbv	99

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

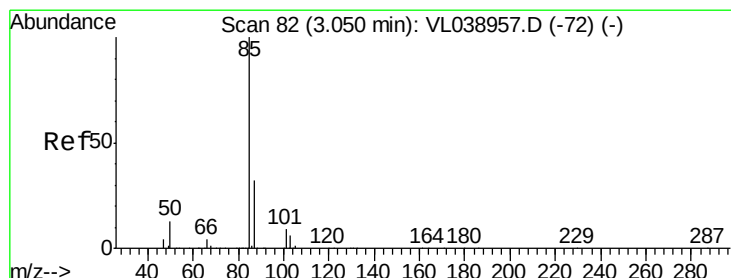
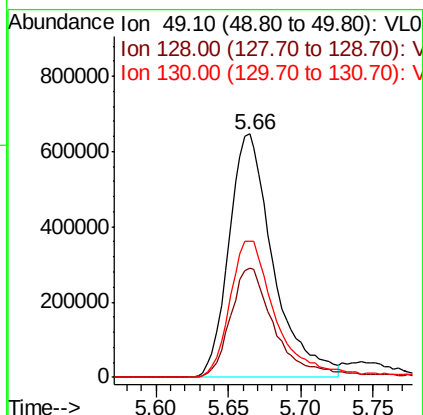
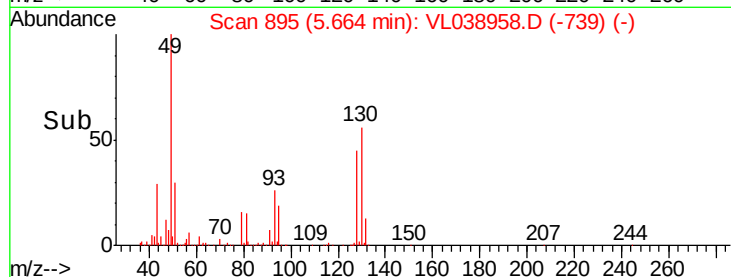
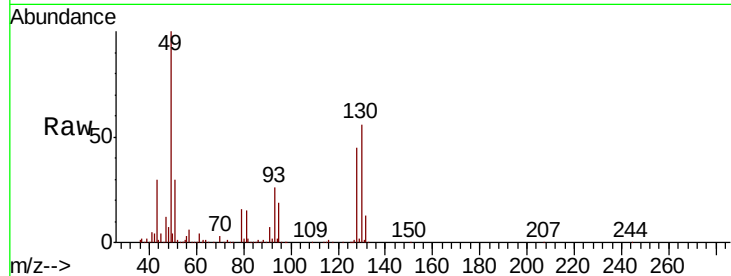


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 49 100
 128 46.
 130 60.

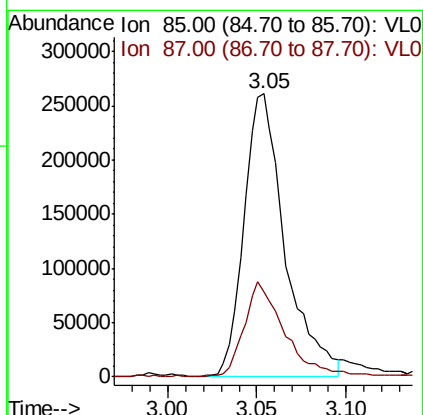
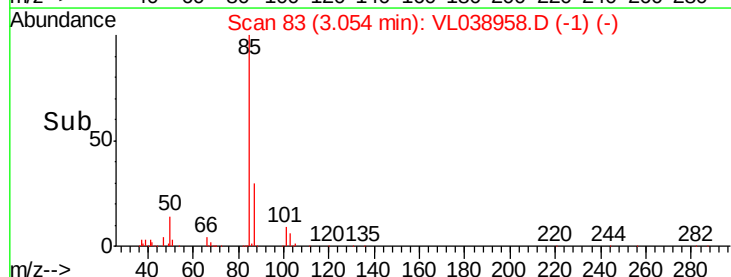
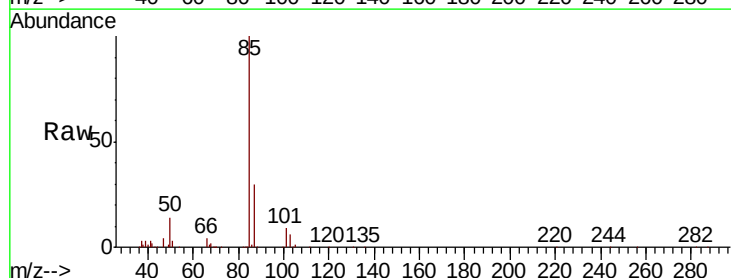
Manual Integrations
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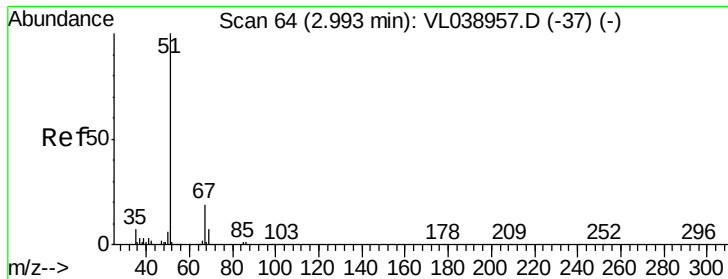
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#2
 Dichlorodifluoromethane
 Concen: 1.879 ppbv
 RT: 3.05 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 85 Resp: 416166
 Ion Ratio Lower Upper
 85 100
 87 30.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 1.454 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

51 100

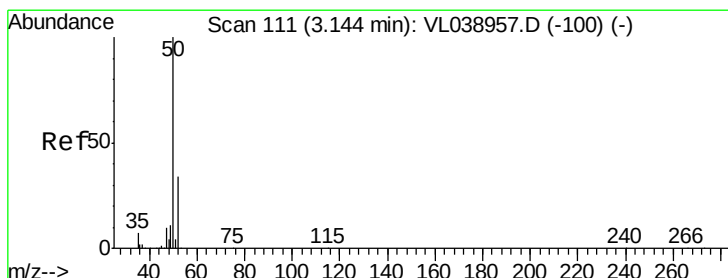
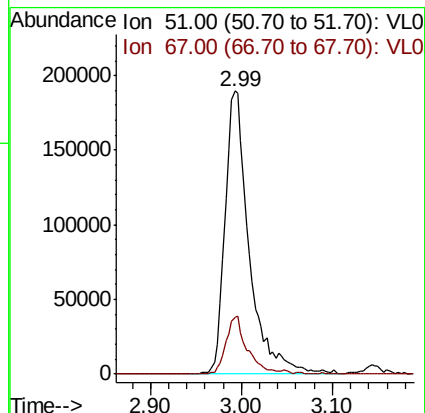
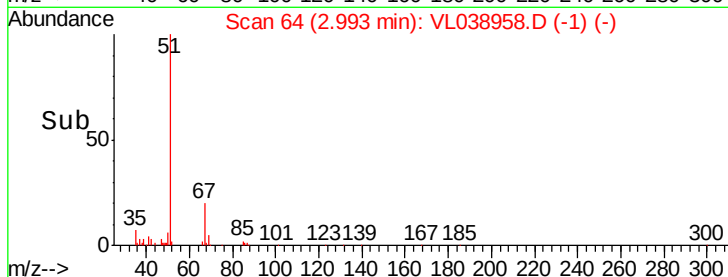
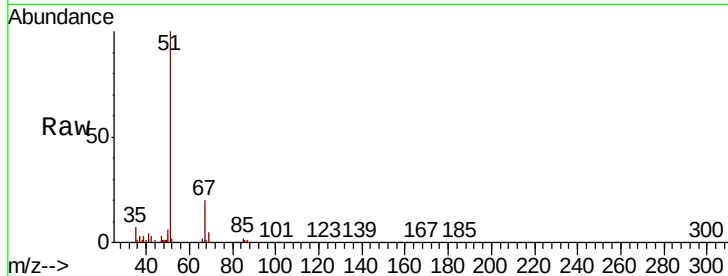
67 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#4

Chloromethane

Concen: 1.971 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.00 min

Lab File: VL038958.D

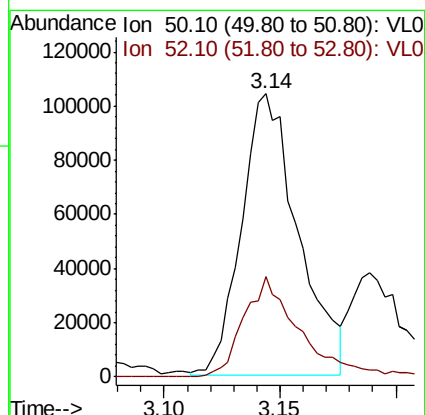
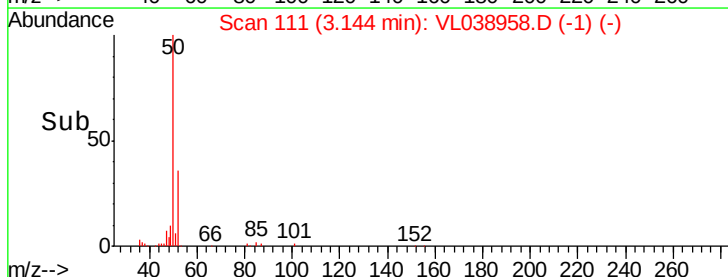
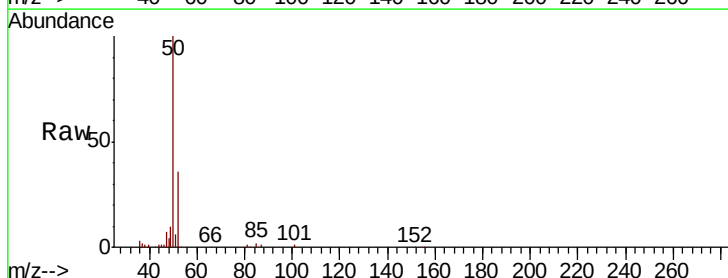
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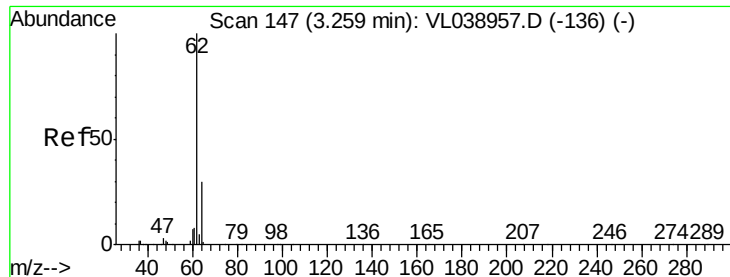
Tgt Ion: 50 Resp: 176658

Ion Ratio Lower Upper

50 100

52 36.2 27.3 40.9





#5

Vinyl Chloride

Concen: 1.727 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

62 100

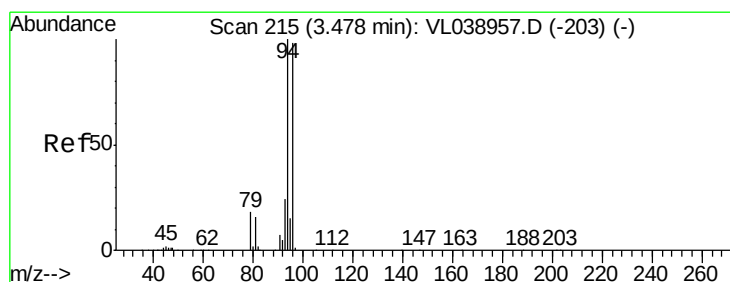
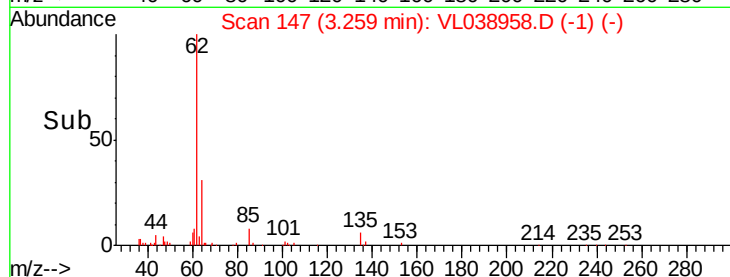
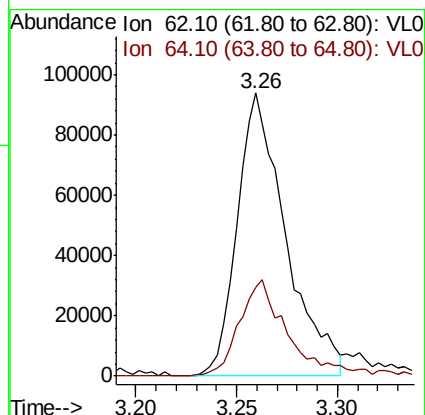
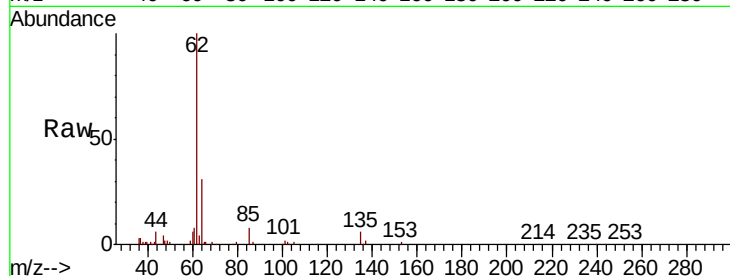
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#6

Bromomethane

Concen: 1.486 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL038958.D

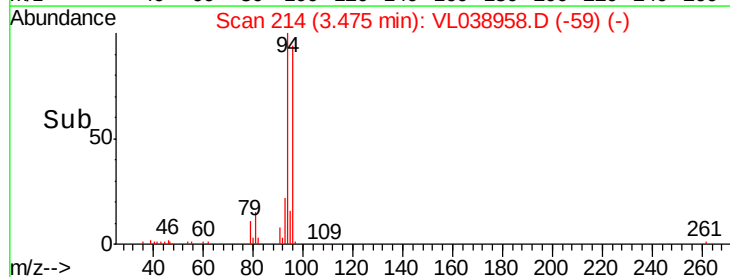
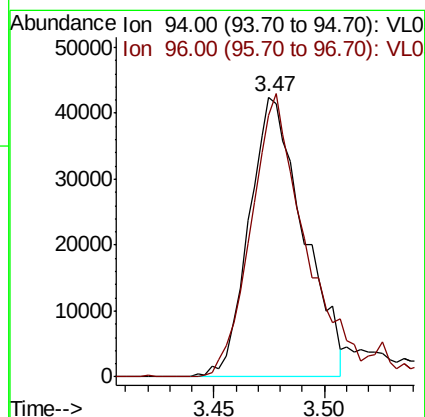
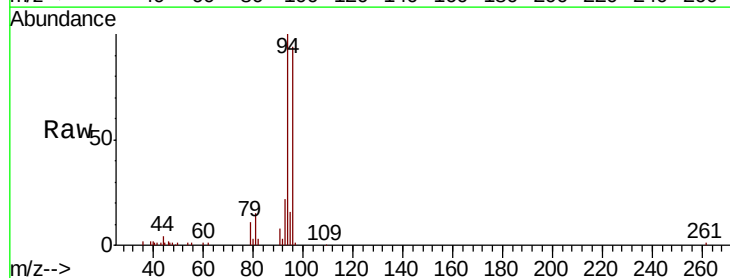
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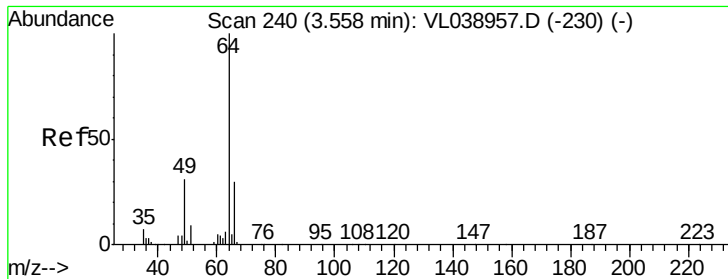
Tgt Ion: 94 Resp: 72667

Ion Ratio Lower Upper

94 100

96 93.6 78.1 117.1





#7

Chloroethane

Concen: 1.550 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

64 100

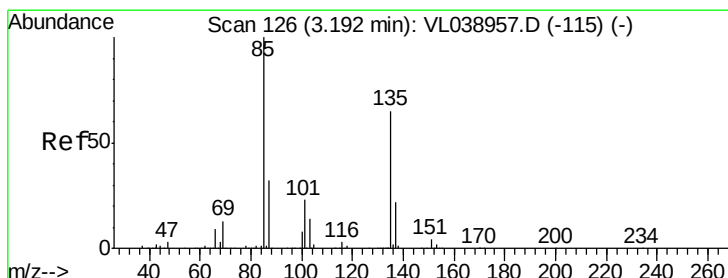
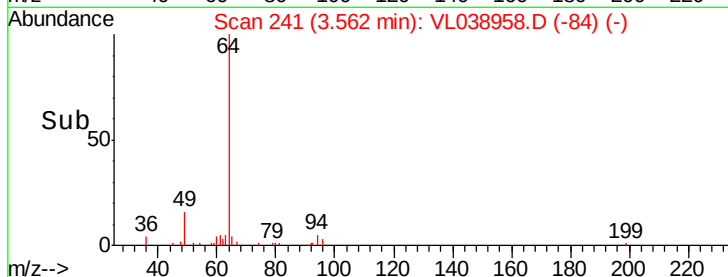
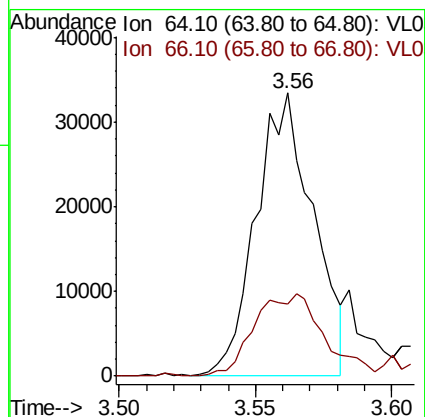
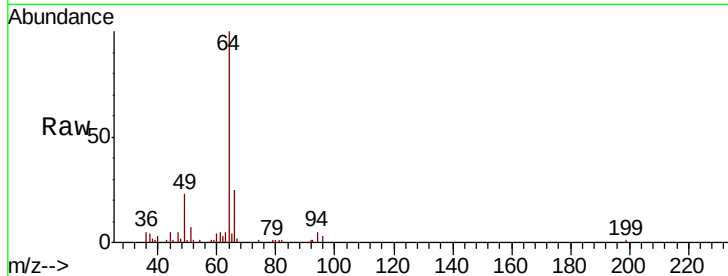
66 25.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#8

Dichlorotetrafluoroethane

Concen: 1.910 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.00 min

Lab File: VL038958.D

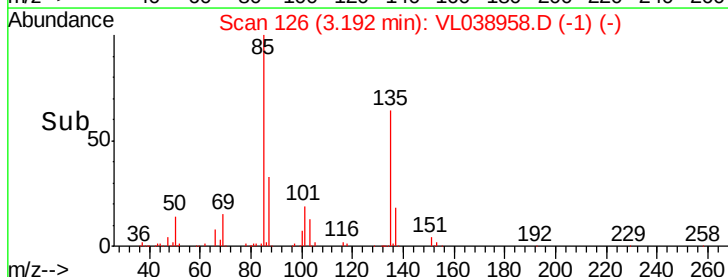
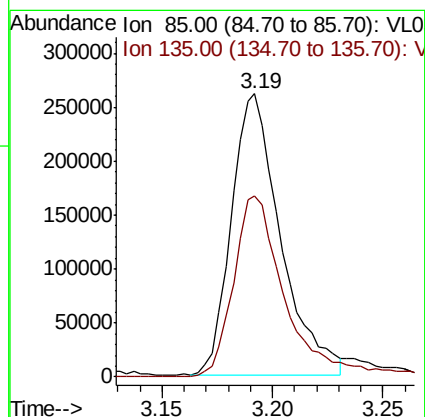
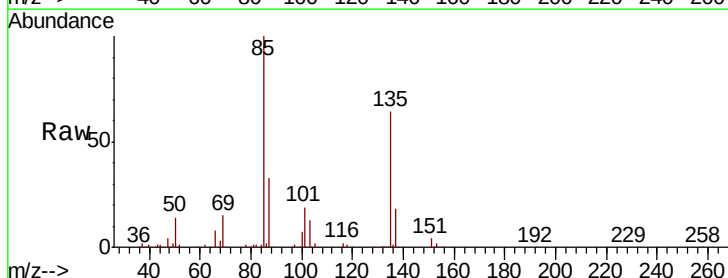
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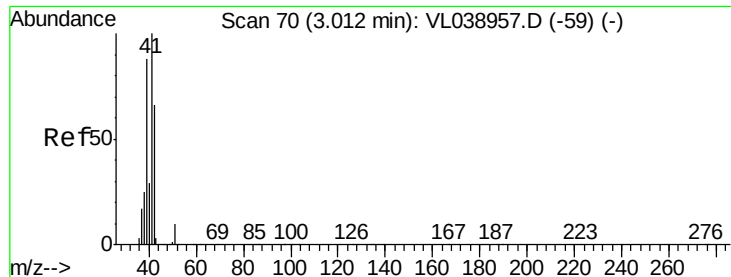
Tgt Ion: 85 Resp: 402049

Ion Ratio Lower Upper

85 100

135 69.7 53.6 80.4



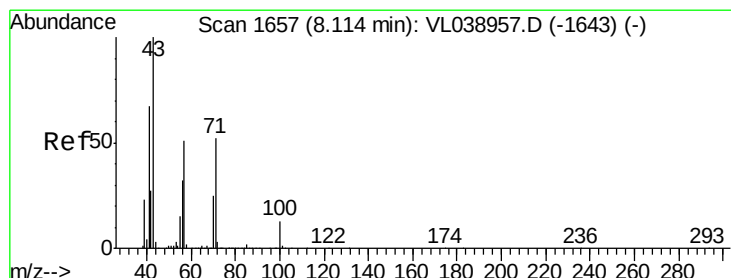
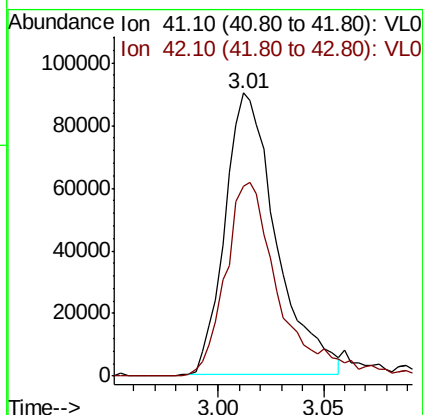
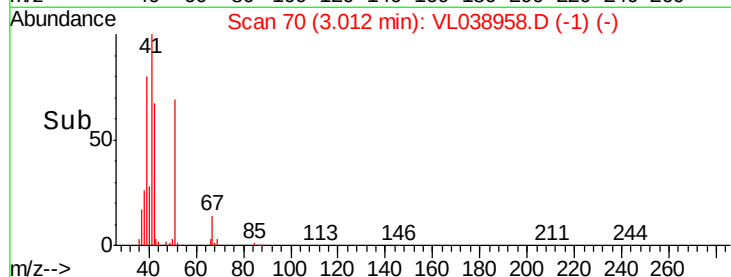
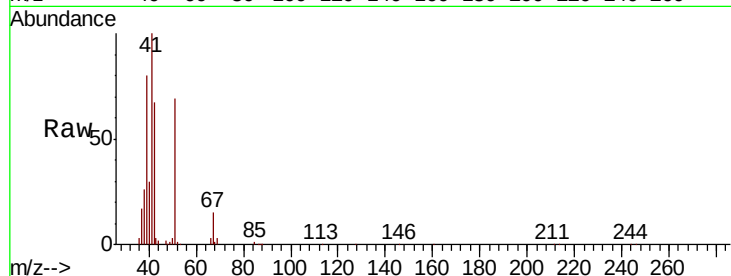


#9
 Propene
 Concen: 1.907 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 41 100
 42 73.

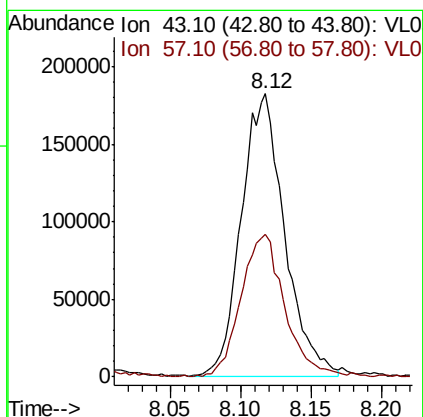
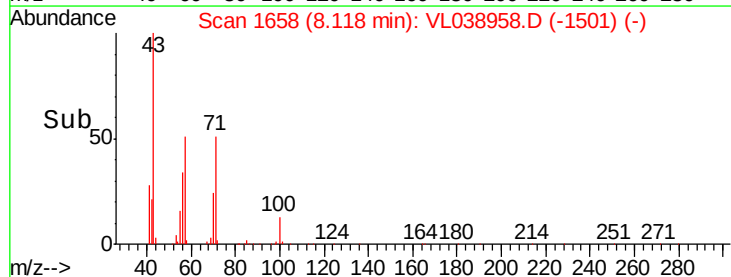
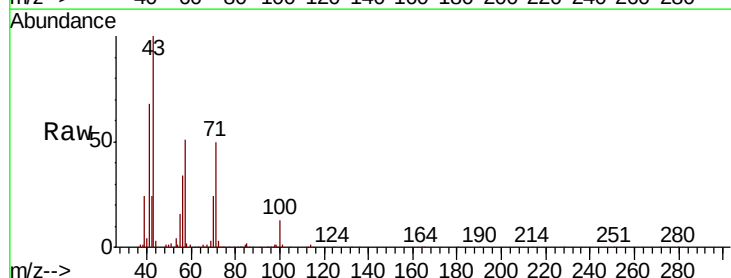
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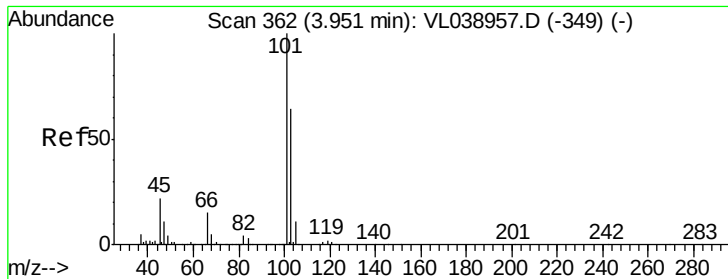
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#10
 Heptane
 Concen: 1.920 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 43 Resp: 389091
 Ion Ratio Lower Upper
 43 100
 57 51.7 40.5 60.7



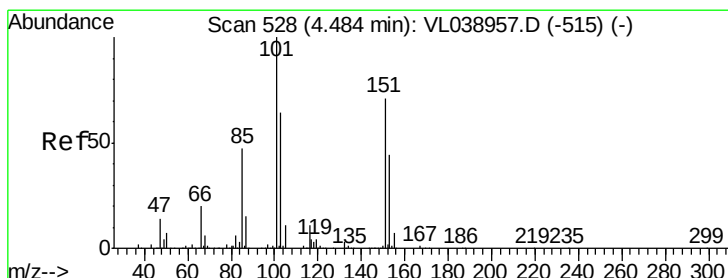
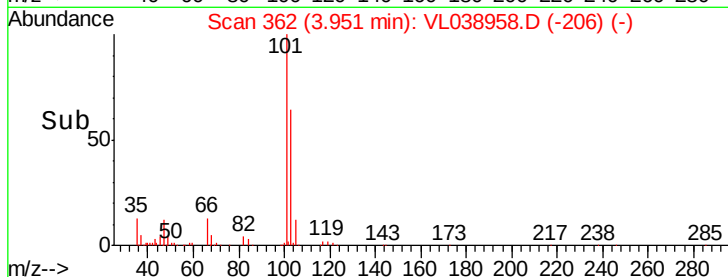
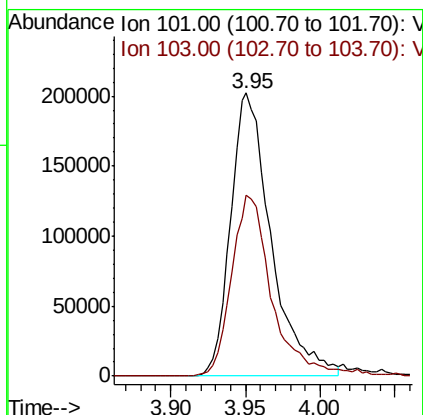
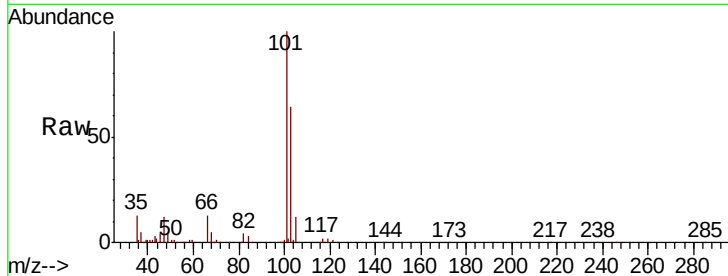


#11
 Trichlorofluoromethane
 Concen: 1.728 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:1
 Ion Rati
 101 100
 103 64.

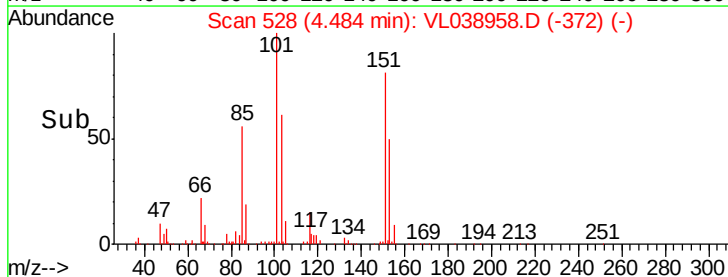
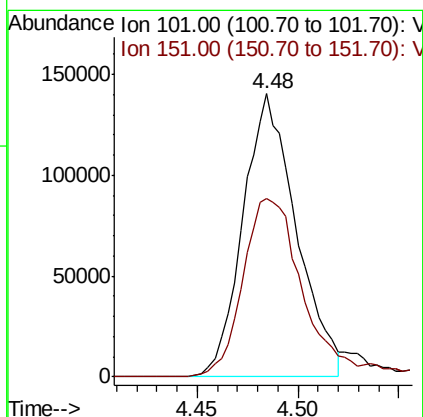
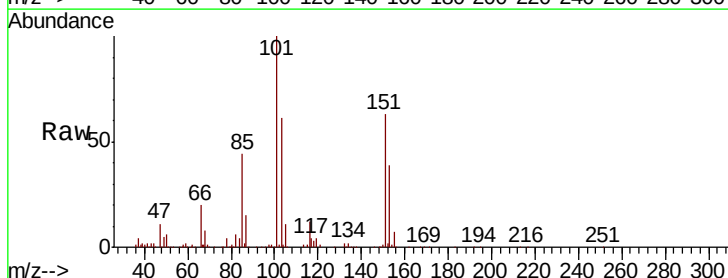
Manual Integrations
 APPROVED

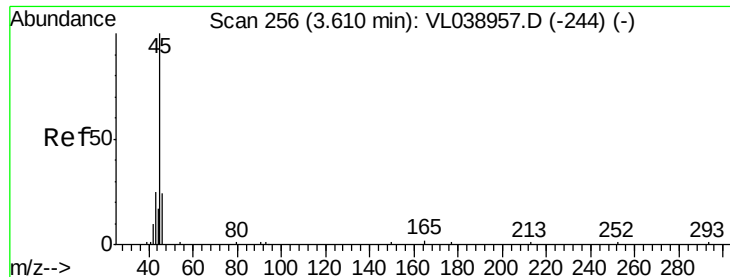
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.819 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:101 Resp: 259129
 Ion Ratio Lower Upper
 101 100
 151 74.1 55.4 83.0



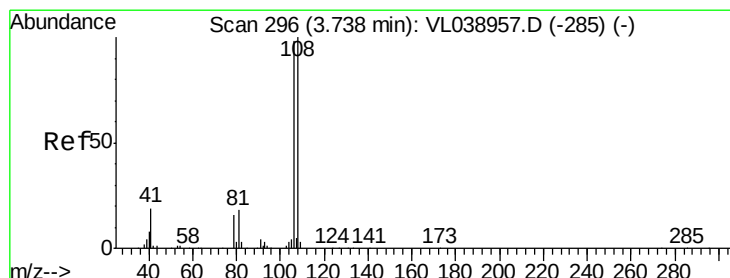
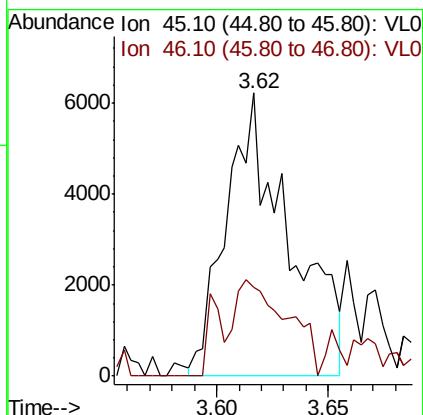
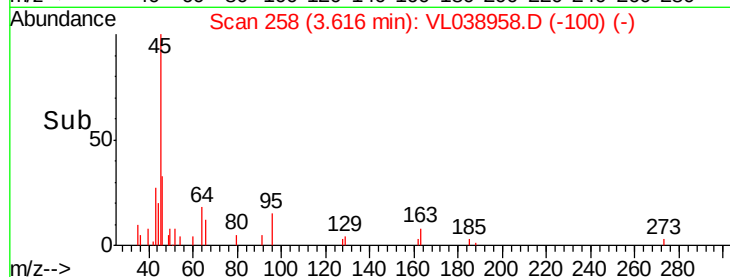
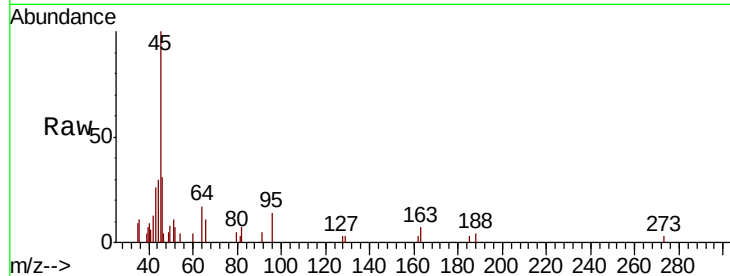


#13
Ethanol
Concen: 1.408 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
45 100
46 0.

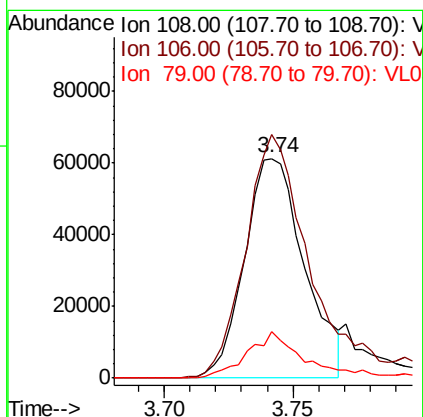
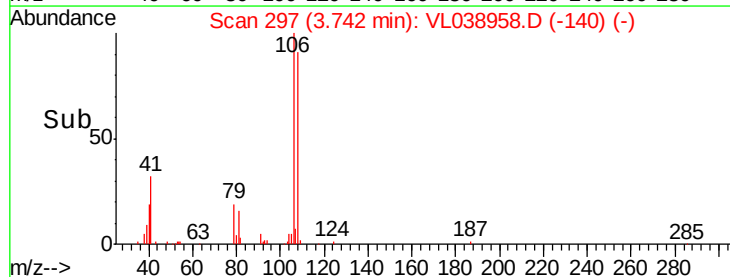
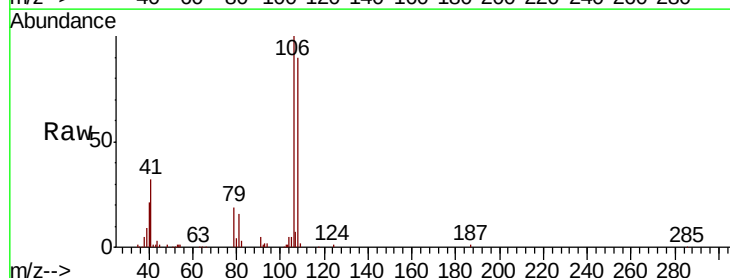
Manual Integrations
APPROVED

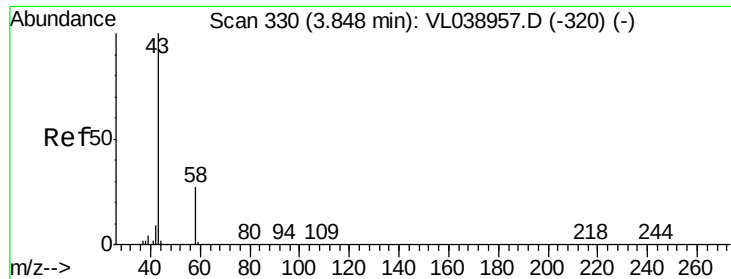
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#14
Bromoethene
Concen: 1.677 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion:108 Resp: 99440
Ion Ratio Lower Upper
108 100
106 127.1 90.3 135.5
79 22.2 14.9 22.3



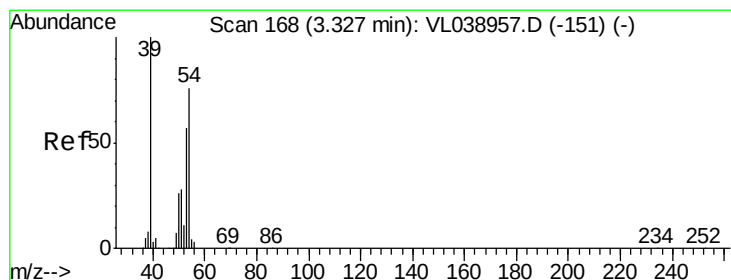
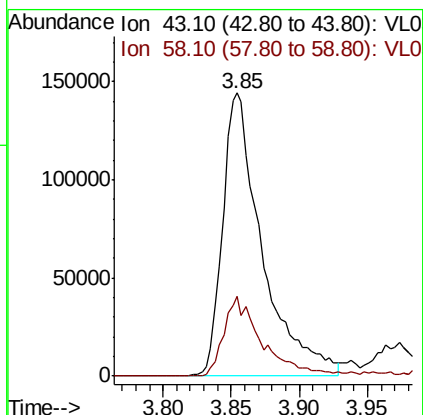
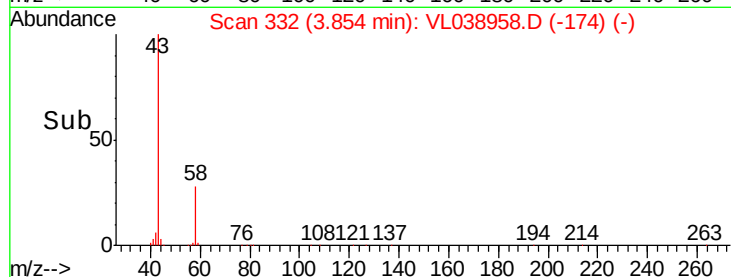
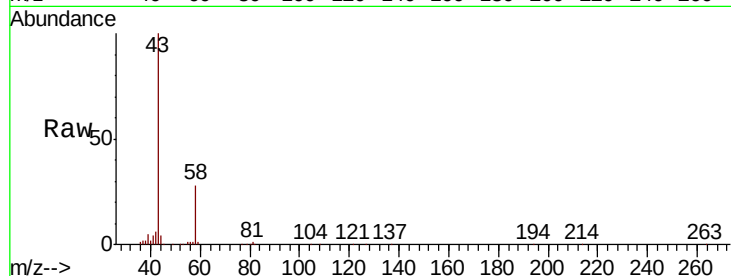


#15
Acetone
Concen: 2.138 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
43 100
58 27.

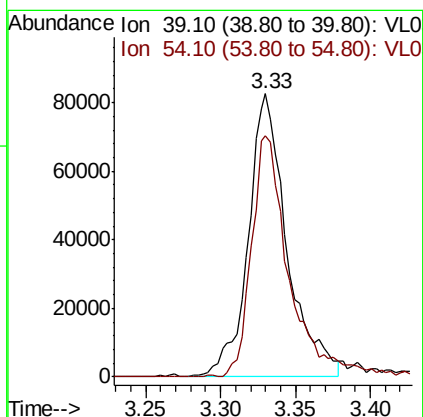
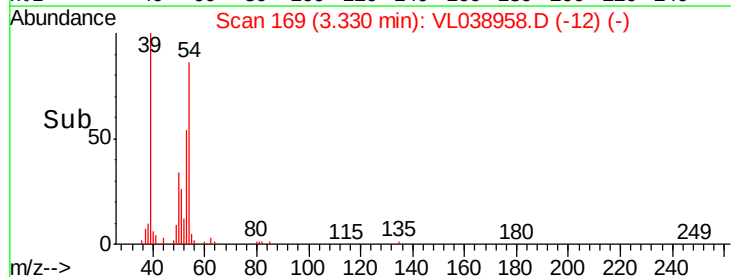
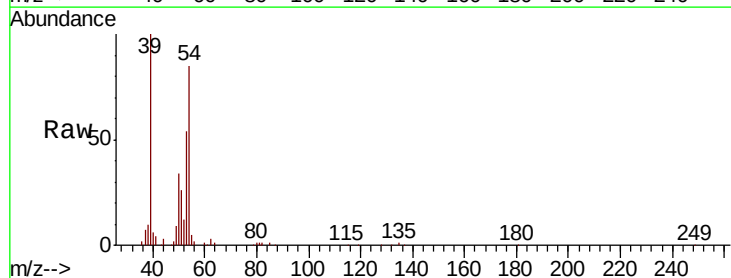
Manual Integrations
APPROVED

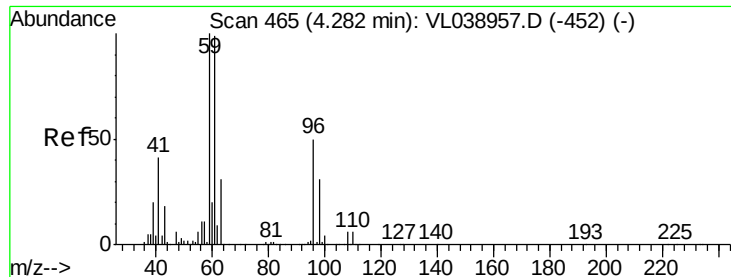
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#16
1,3-Butadiene
Concen: 1.654 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 39 Resp: 149166
Ion Ratio Lower Upper
39 100
54 83.6 65.2 97.8





#17

tert-Butyl alcohol

Concen: 1.526 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.00

Lab File: ClientSampleId: VSTDIC002

Acq: 5 May 2022 3:24

Tot Ion:

Ion Ratio

59 100

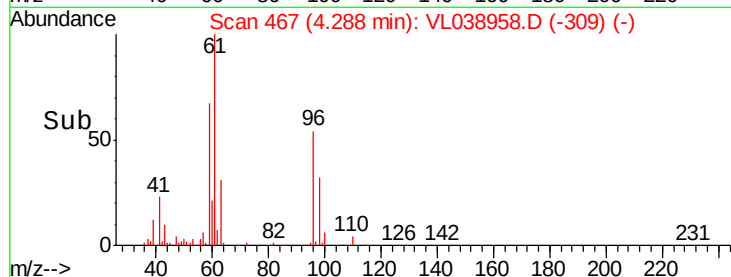
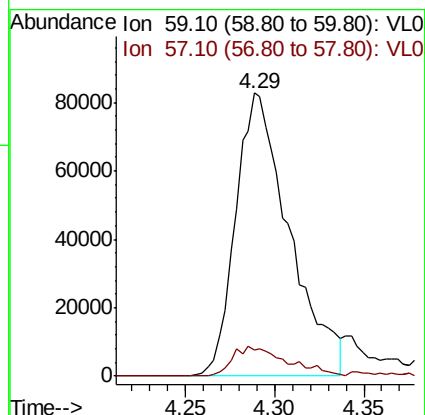
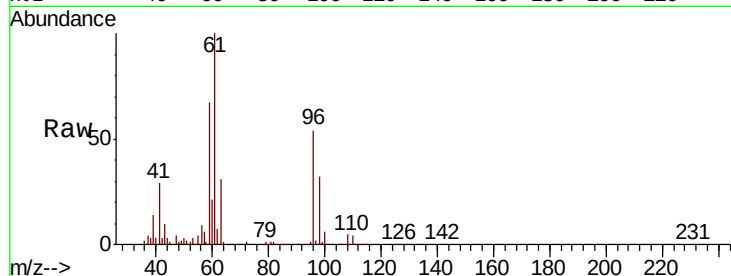
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#18

1,1-Dichloroethene

Concen: 1.918 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL038958.D

Acq: 5 May 2022 3:24

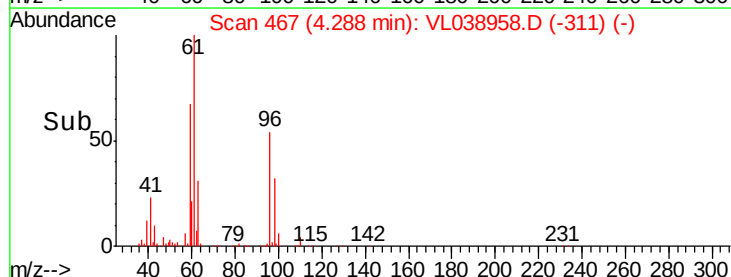
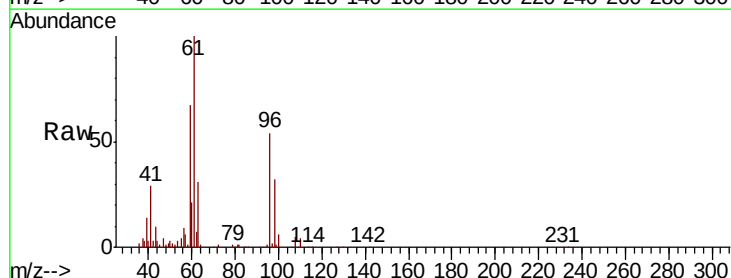
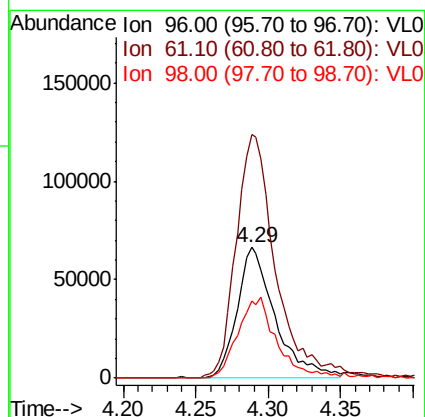
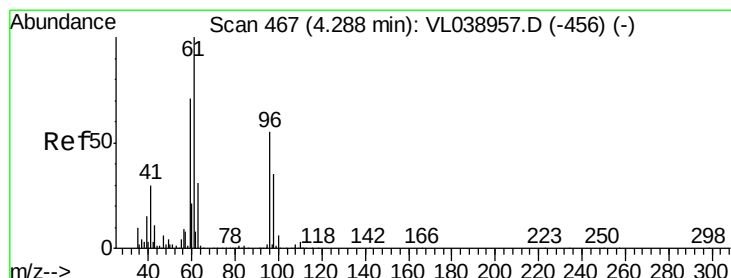
Tgt Ion: 96 Resp: 120721

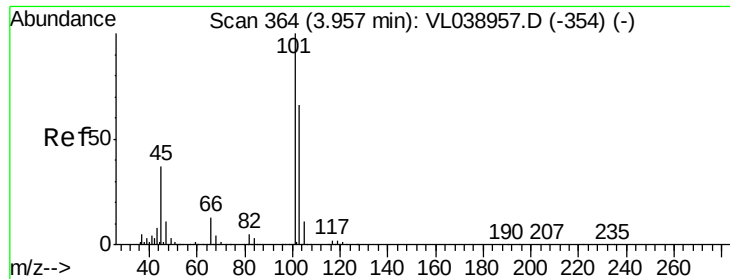
Ion Ratio Lower Upper

96 100

61 186.0 146.3 219.5

98 59.0 50.6 75.8





#19

Isopropyl Alcohol

Concen: 1.586 ppbv m

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

45 100

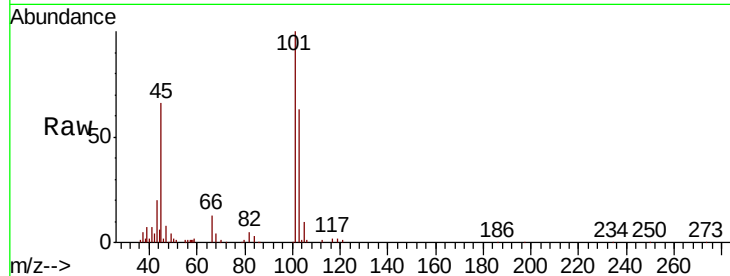
58 0.

Manual Integrations

APPROVED

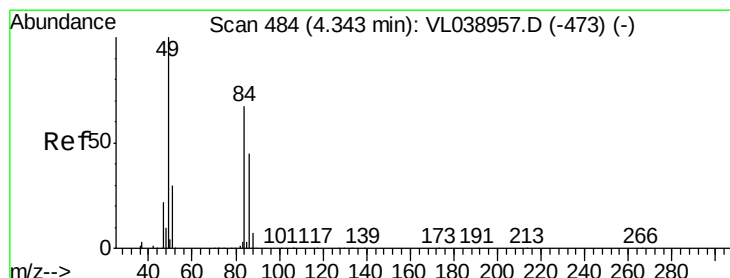
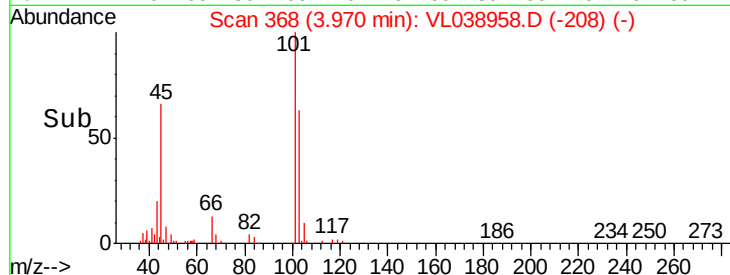
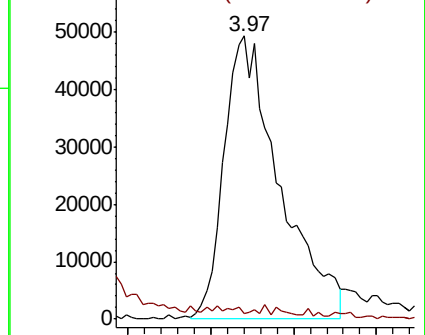
Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 1.575 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038958.D

Acq: 5 May 2022 3:24

Tgt Ion: 84 Resp: 96025

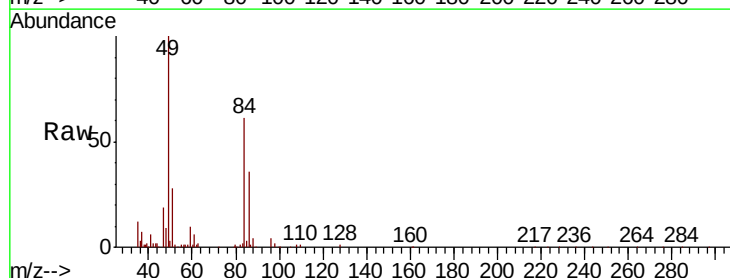
Ion Ratio Lower Upper

84 100

49 162.8 119.9 179.9

51 43.5 35.7 53.5

86 60.2 53.8 80.6

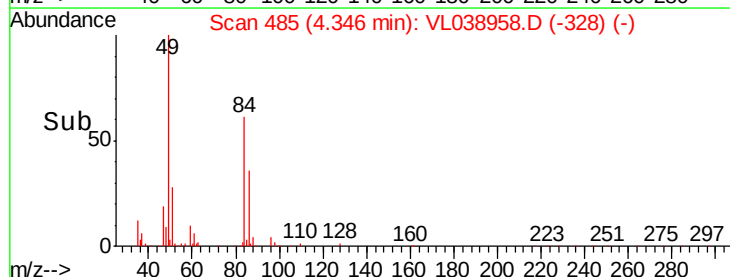
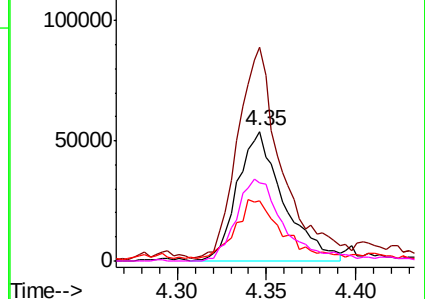


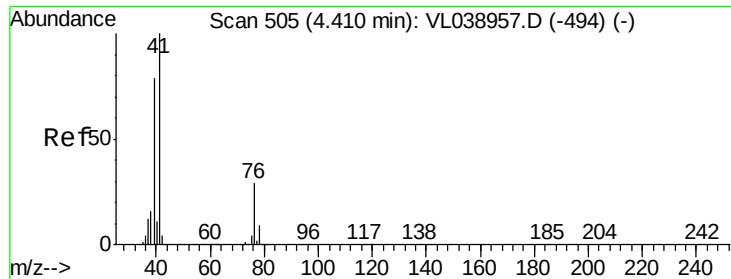
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



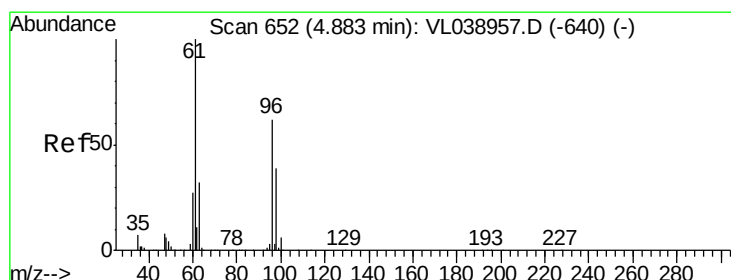
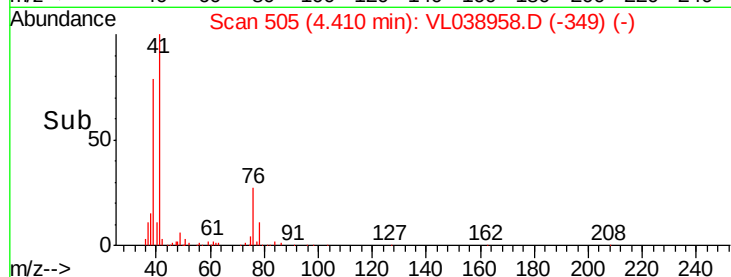
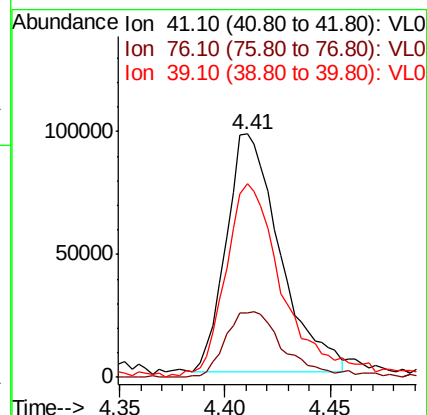
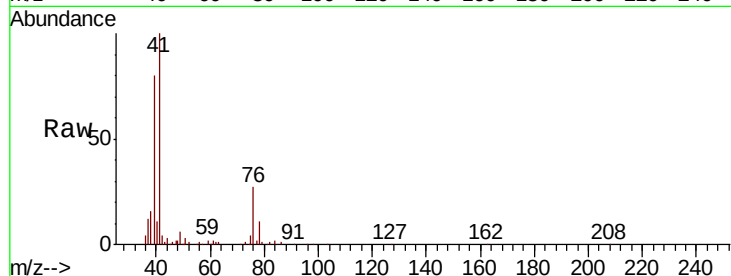


#21
Allvl Chloride
Concen: 1.661 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
41 100
76 31.
39 89.

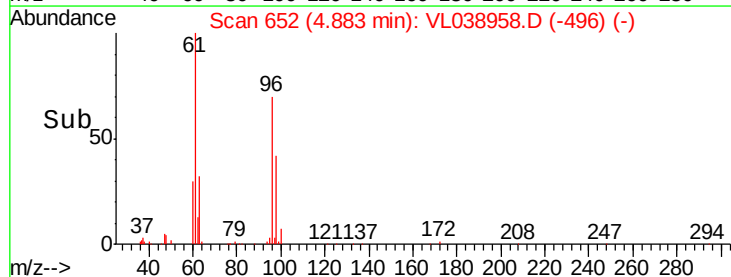
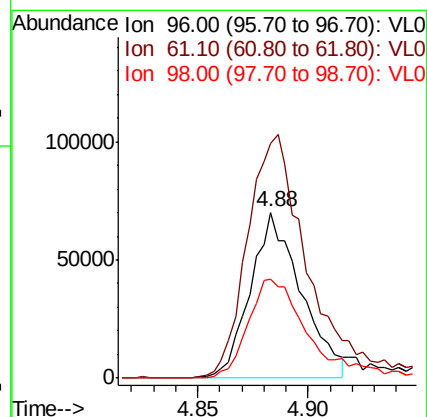
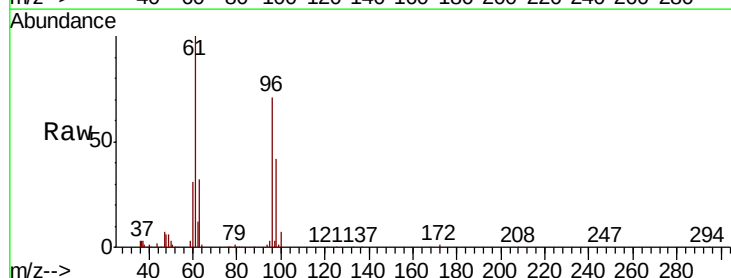
Manual Integrations
APPROVED

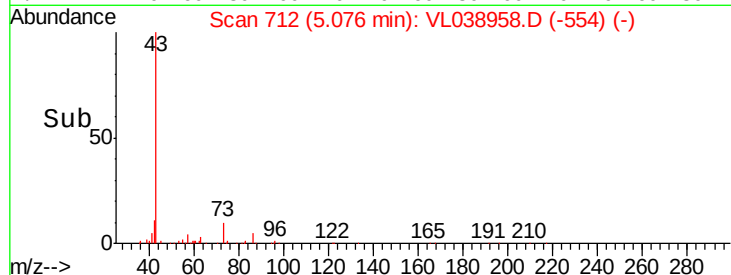
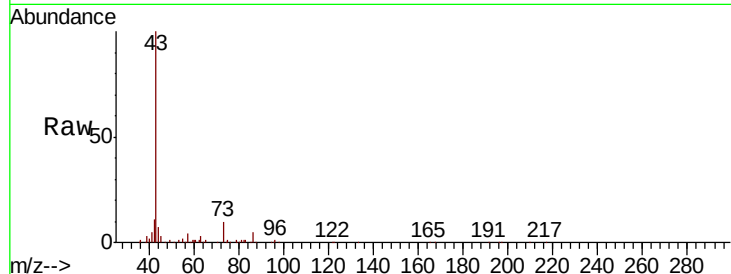
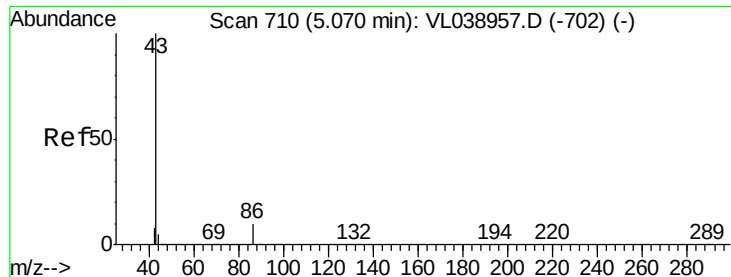
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#22
trans-1,2-Dichloroethene
Concen: 1.881 ppbv
RT: 4.88 min Scan# 652
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 96 Resp: 112261
Ion Ratio Lower Upper
96 100
61 140.7 128.2 192.2
98 59.3 50.1 75.1



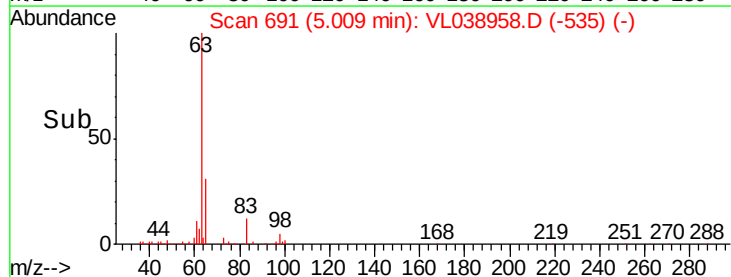
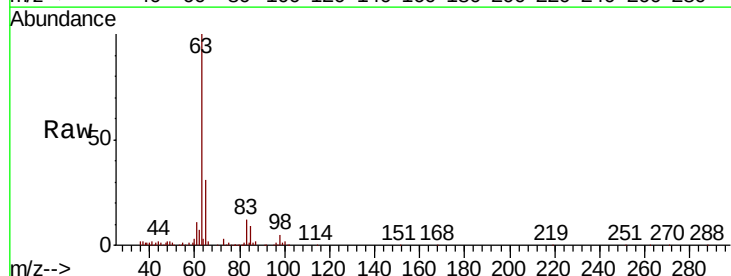
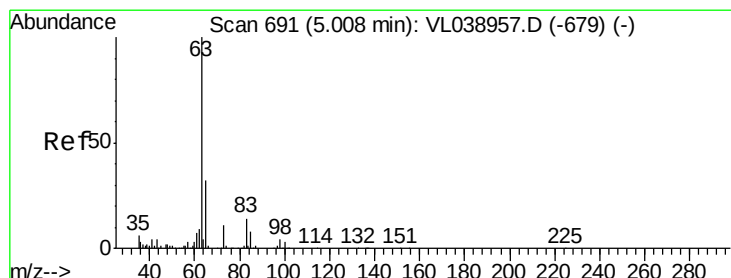
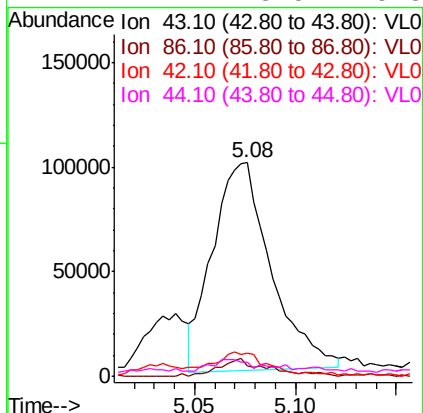


#23
 Vinyl Acetate
 Concen: 0.978 ppbv
 RT: 5.08
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 43 100
 86 5.
 42 11.
 44 4.2 3.5 5.3

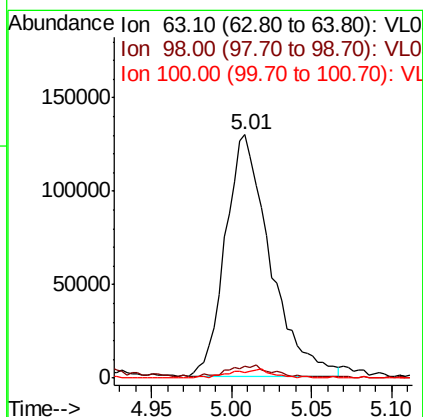
Manual Integrations
 APPROVED

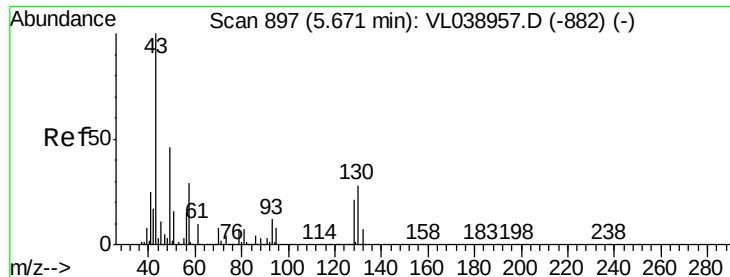
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#24
 1,1-Dichloroethane
 Concen: 1.554 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 63 Resp: 246158
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.2
 100 2.1 1.4 4.2



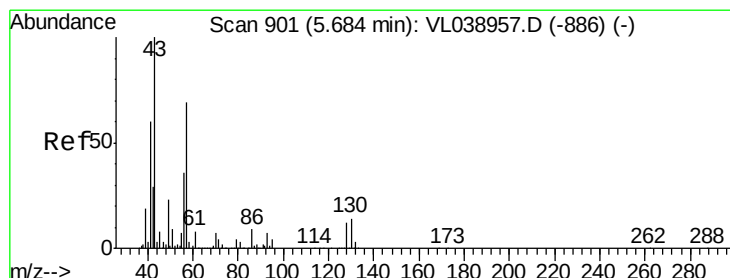
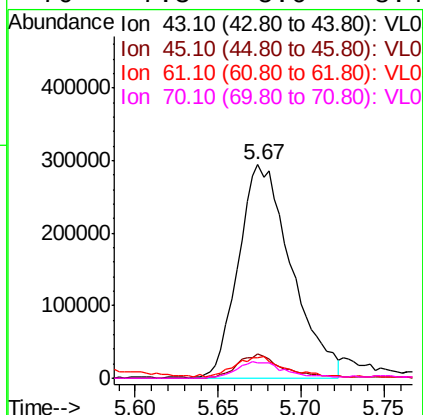
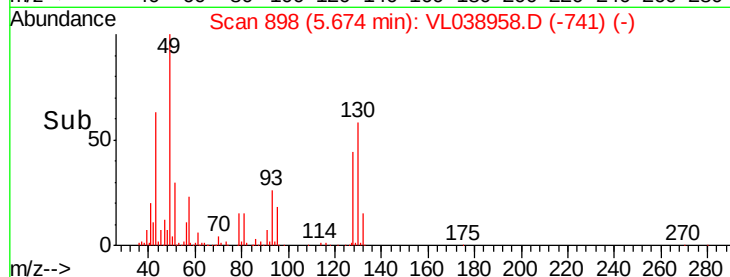
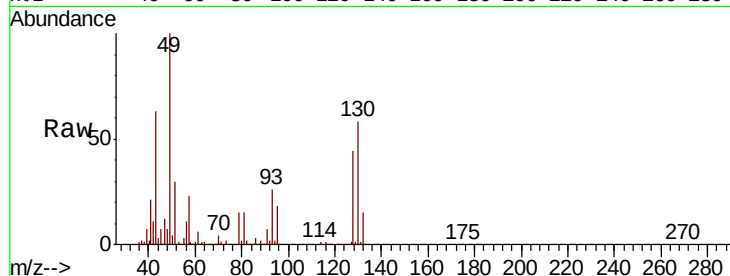


#25
Ethyl Acetate
Concen: 2.028 ppbv
RT: 5.67 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC002
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.3 5.6 8.4

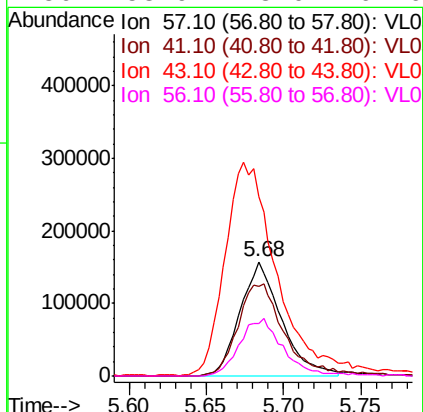
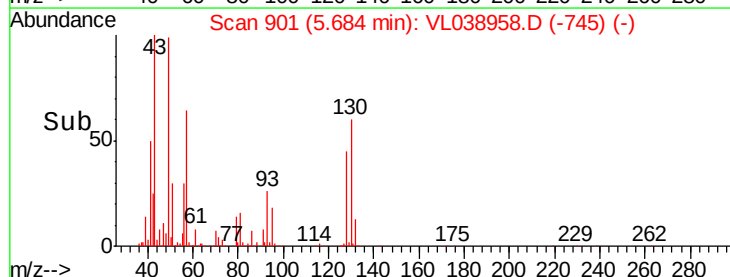
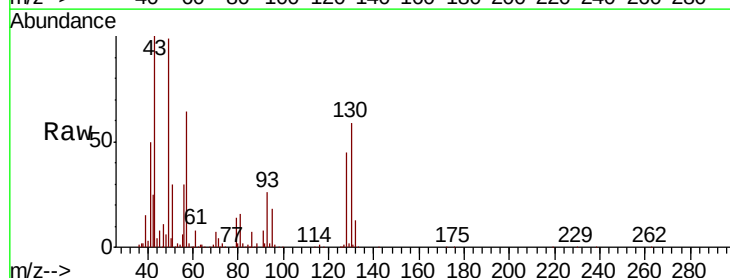
Manual Integrations
APPROVED

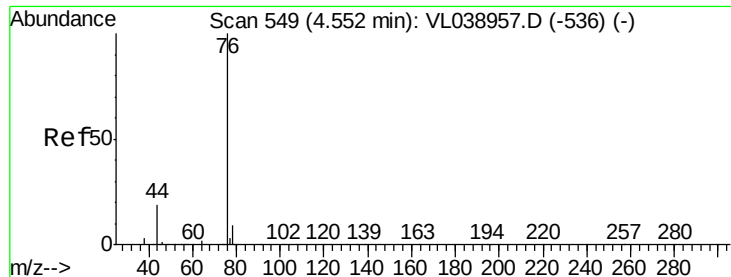
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#26
Hexane
Concen: 1.999 ppbv
RT: 5.68 min Scan# 901
Delta R.T.: 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 57 Resp: 291947
Ion Ratio Lower Upper
57 100
41 93.3 75.2 112.8
43 240.5 190.8 286.2
56 53.9 43.0 64.6





#27

Carbon Disulfide

Concen: 1.817 ppbv

RT: 4.55 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

76 100

44 22.

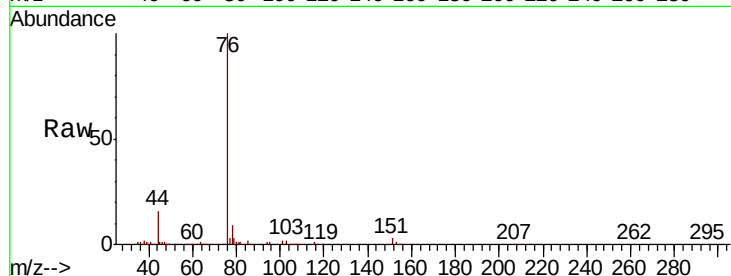
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

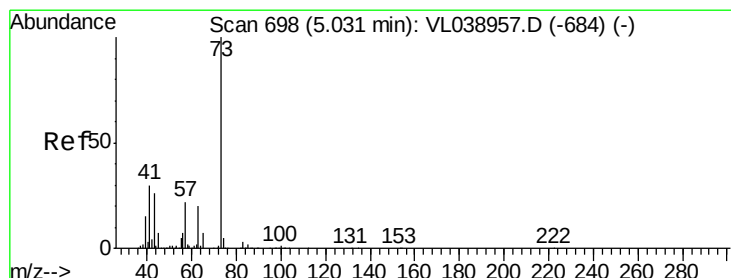
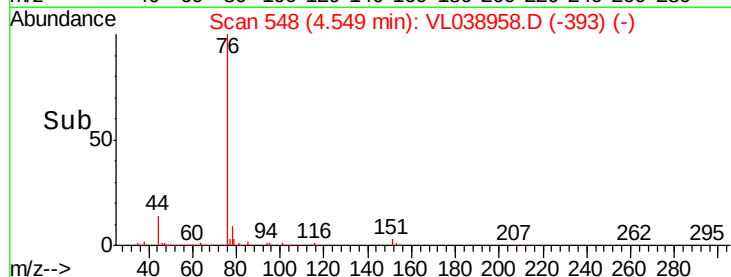
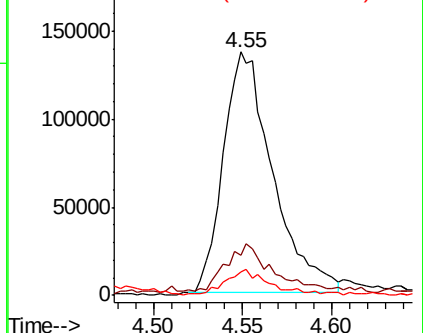
Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 1.374 ppbv

RT: 5.03 min Scan# 699

Delta R.T. 0.00 min

Lab File: VL038958.D

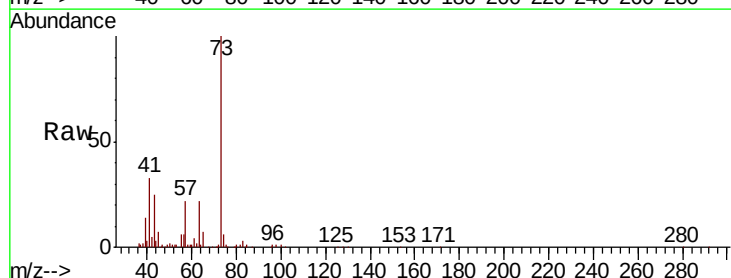
Acq: 5 May 2022 3:24

Tgt Ion: 73 Resp: 221667

Ion Ratio Lower Upper

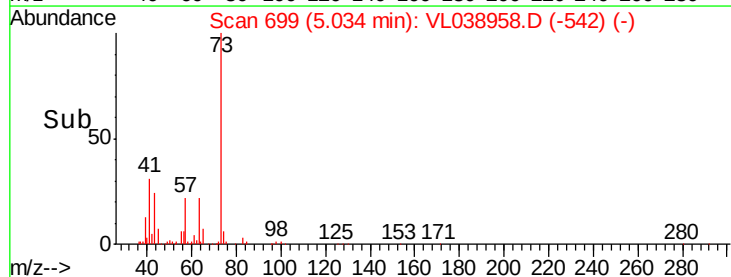
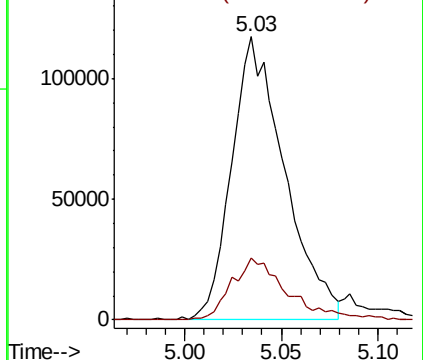
73 100

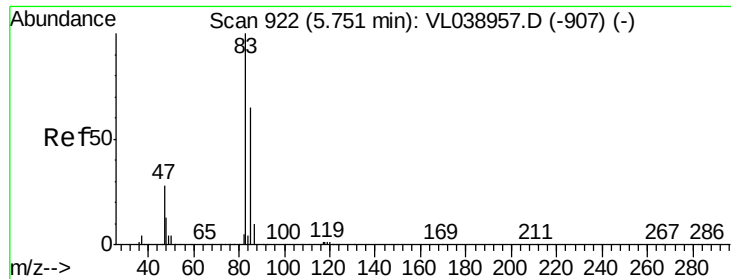
57 23.5 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



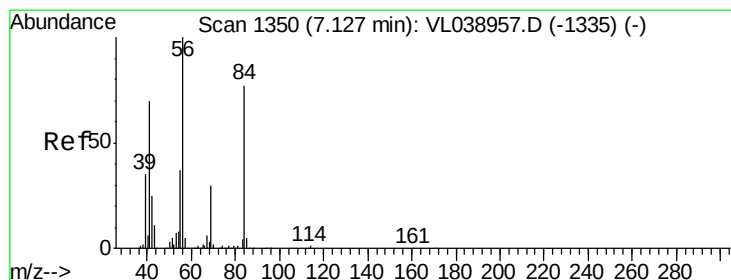
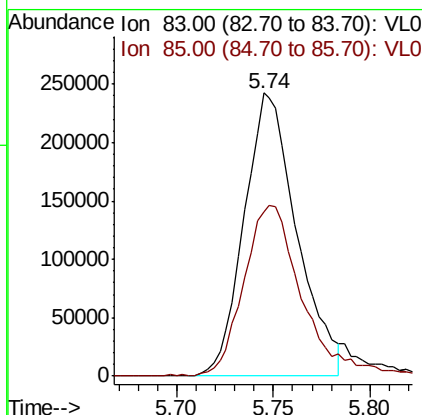
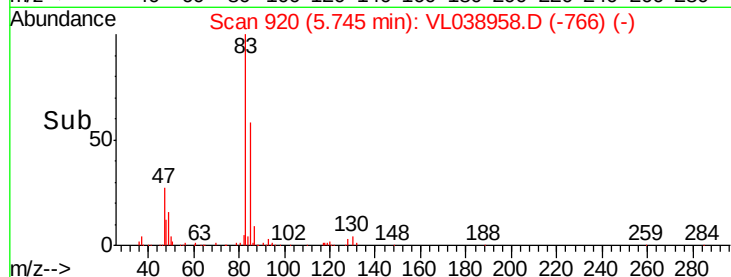
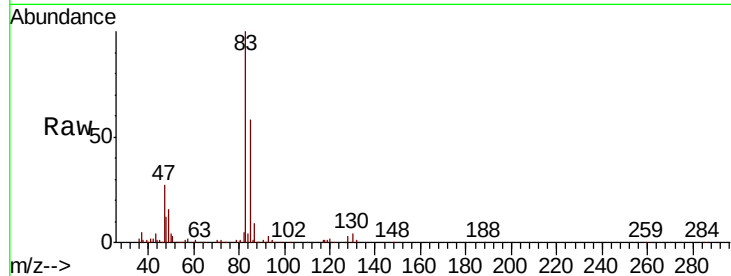


#29
Chloroform
Concen: 1.935 ppbv
RT: 5.74
Delta R.T.: MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
83 100
85 58.

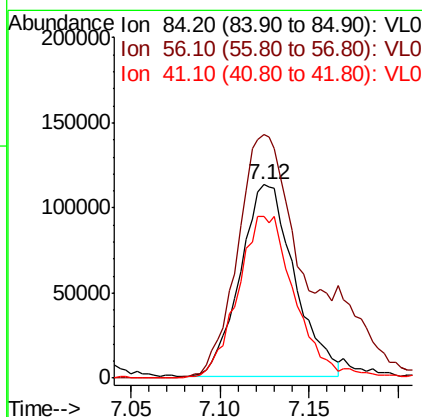
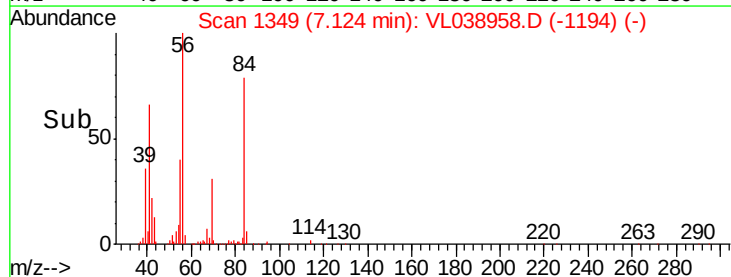
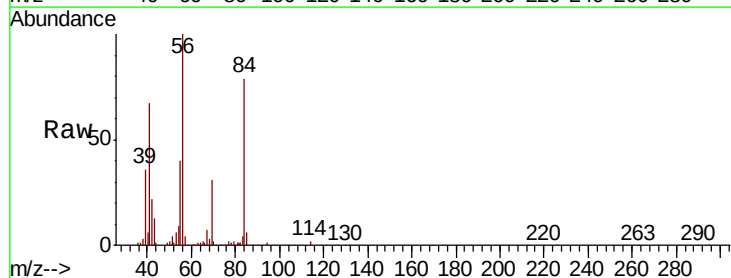
Manual Integrations
APPROVED

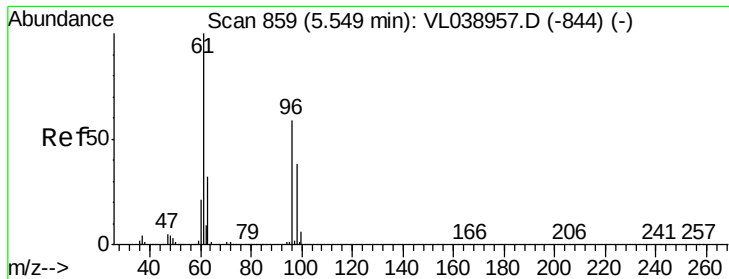
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#30
Cyclohexane
Concen: 2.015 ppbv
RT: 7.12 min Scan# 1349
Delta R.T.: -0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 84 Resp: 238374
Ion Ratio Lower Upper
84 100
56 173.0 115.3 172.9#
41 90.4 72.0 108.0



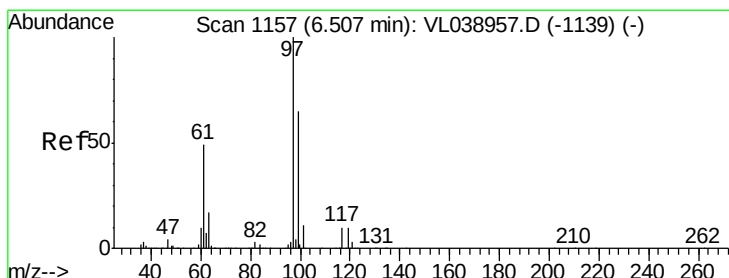
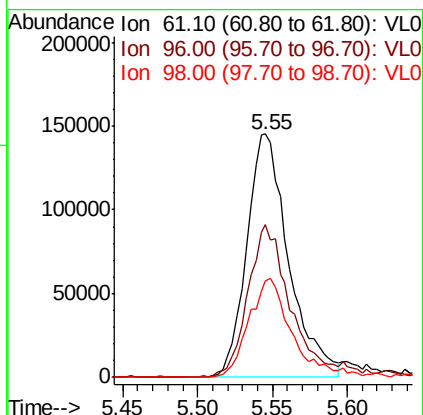
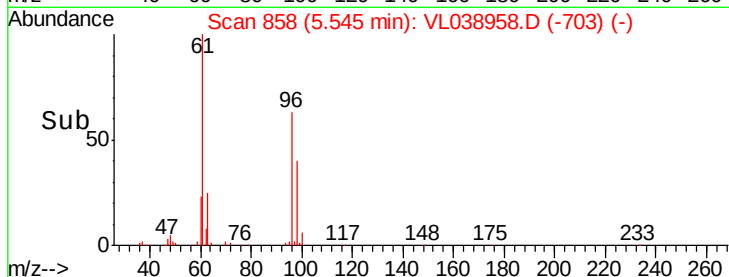
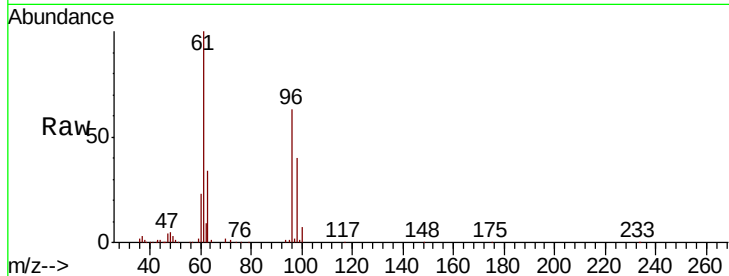


#31
 cis-1,2-Dichloroethene
 Concen: 1.987 ppbv
 RT: 5.55
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 61 100
 96 62.
 98 39.

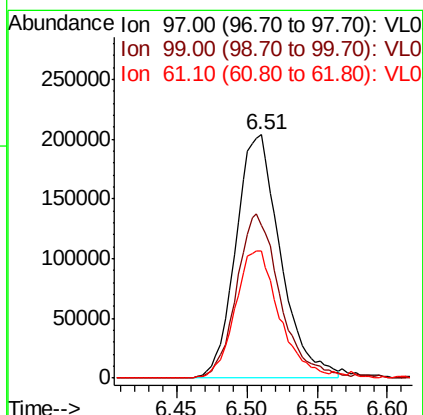
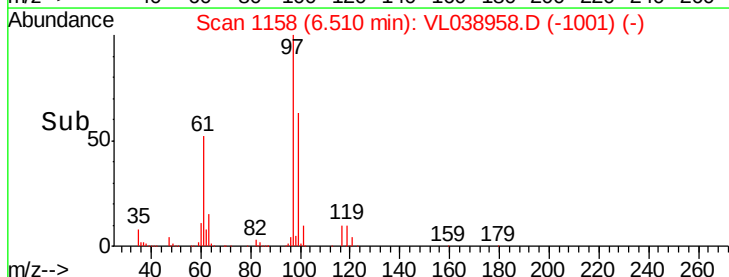
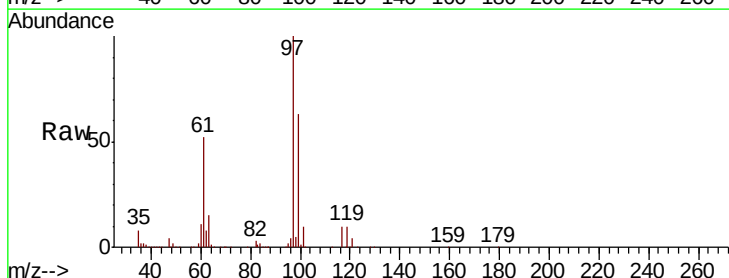
Manual Integrations
 APPROVED

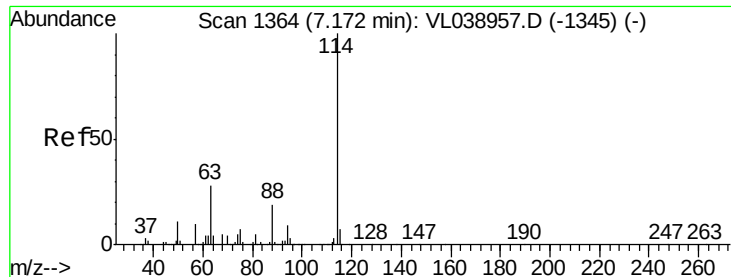
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#32
 1,1,1-Trichloroethane
 Concen: 1.892 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 97 Resp: 452134
 Ion Ratio Lower Upper
 97 100
 99 66.5 51.9 77.9
 61 53.5 40.9 61.3



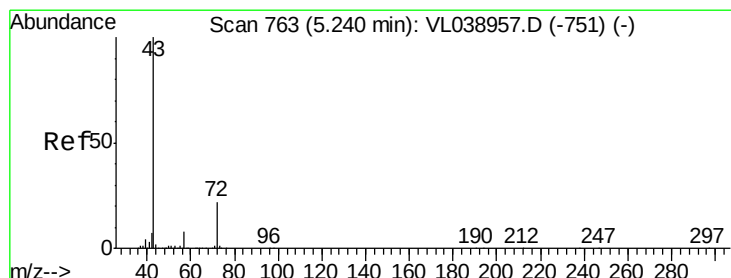
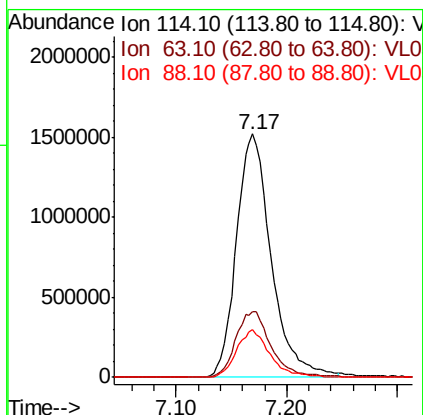
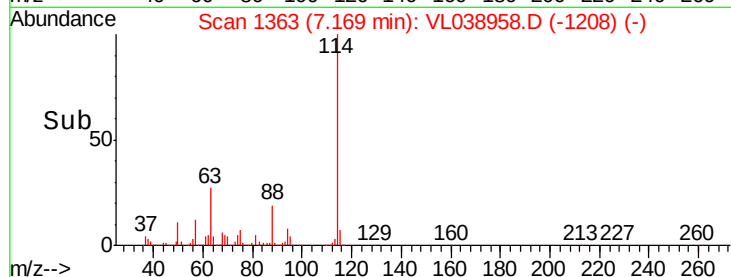
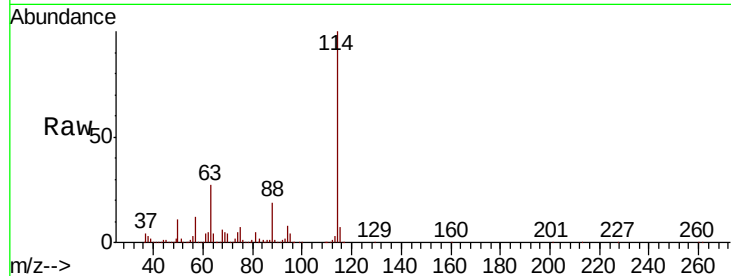


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 19.

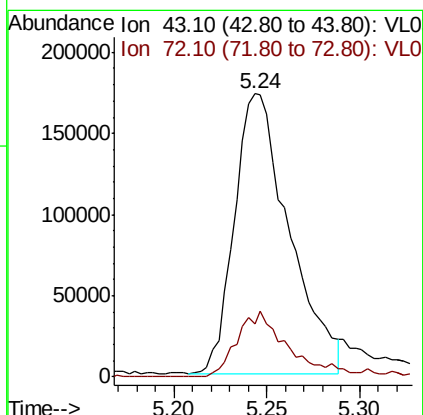
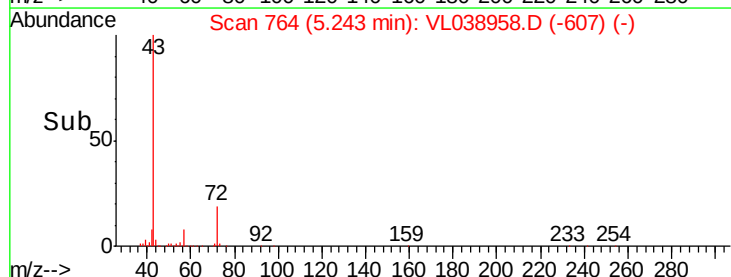
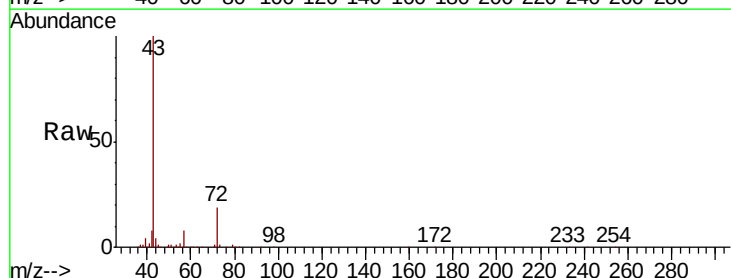
Manual Integrations
 APPROVED

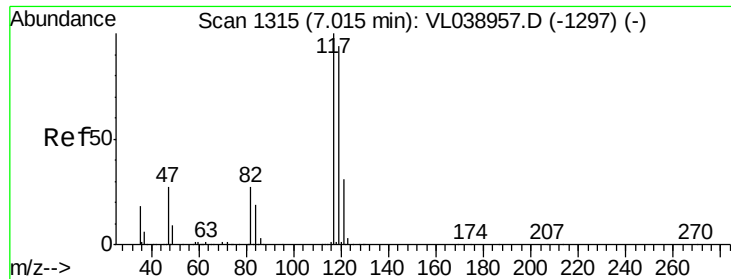
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#34
 2-Butanone
 Concen: 2.160 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 43 Resp: 355911
 Ion Ratio Lower Upper
 43 100
 72 23.3 17.8 26.6



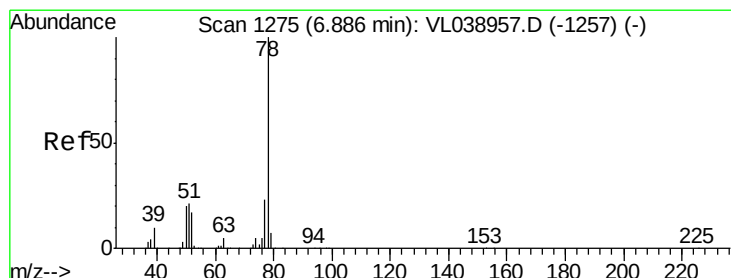
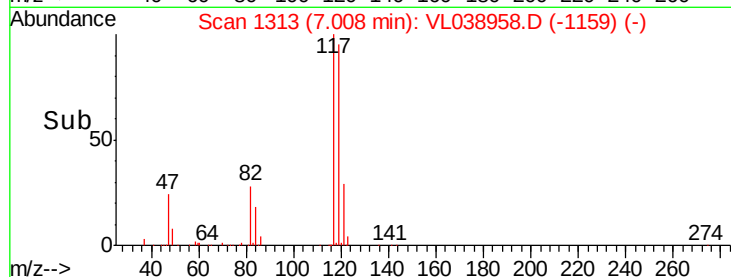
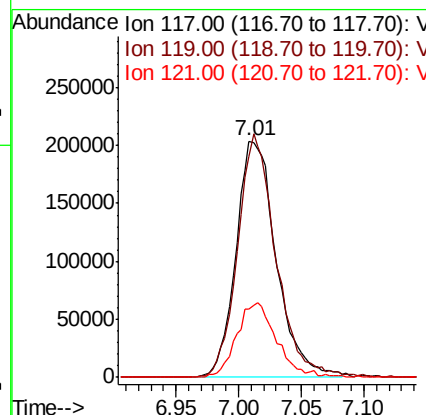
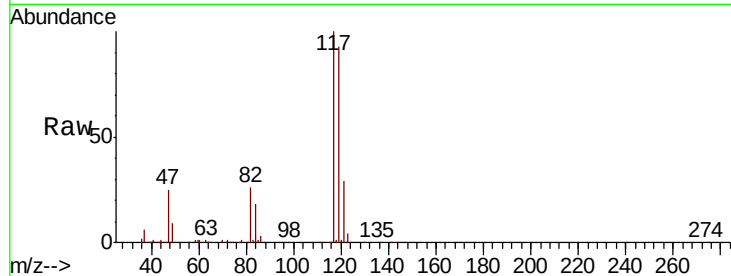


#35
Carbon Tetrachloride
Concen: 1.784 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:1
Ion Rati
117 100
119 93.
121 28.

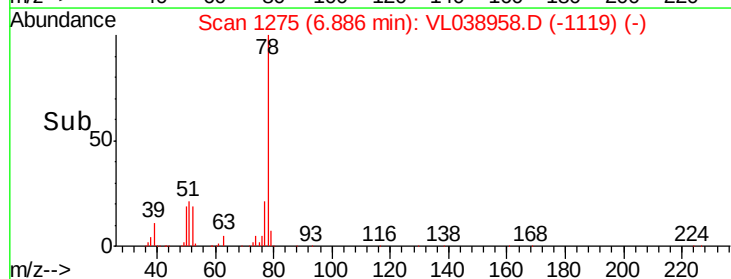
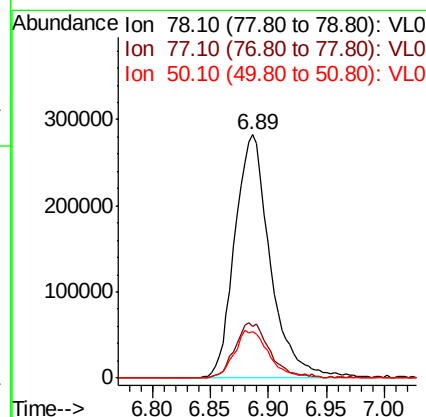
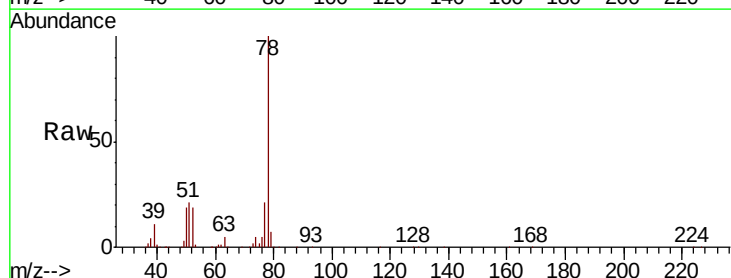
Manual Integrations
APPROVED

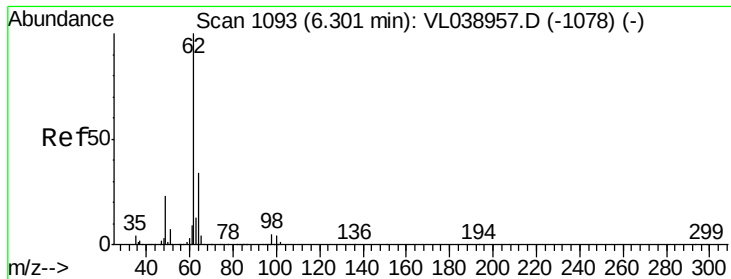
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#36
Benzene
Concen: 1.969 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 78 Resp: 596550
Ion Ratio Lower Upper
78 100
77 21.0 18.6 28.0
50 19.0 15.6 23.4



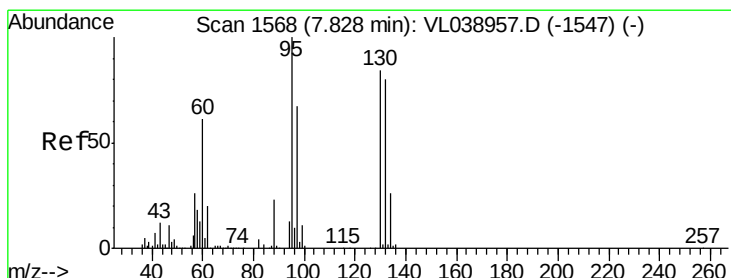
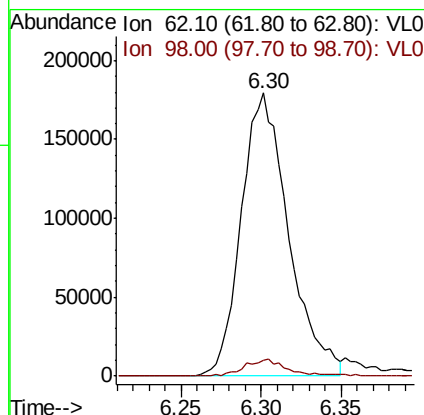
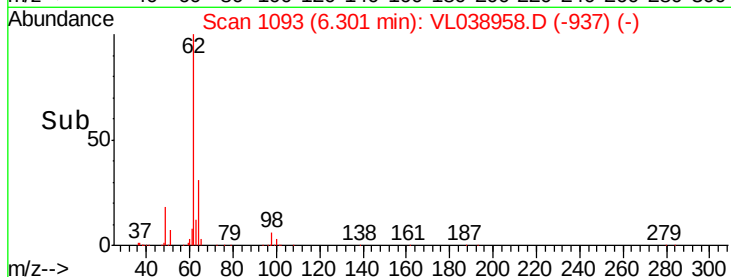
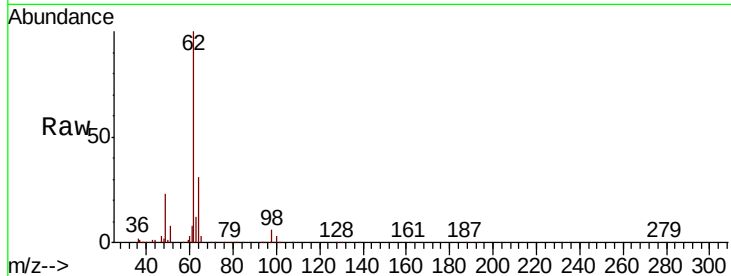


#37
 1,2-Dichloroethane
 Concen: 2.003 ppbv
 RT: 6.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 62 100
 98 5.

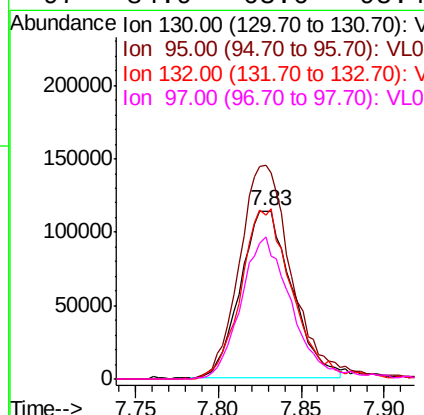
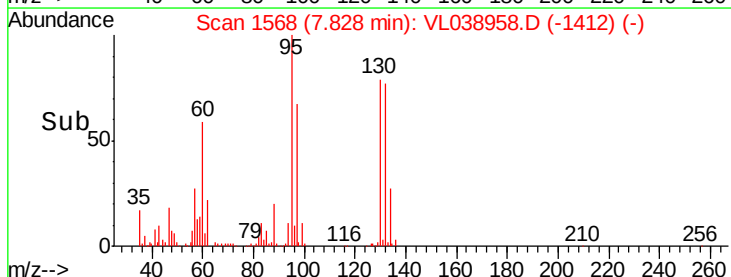
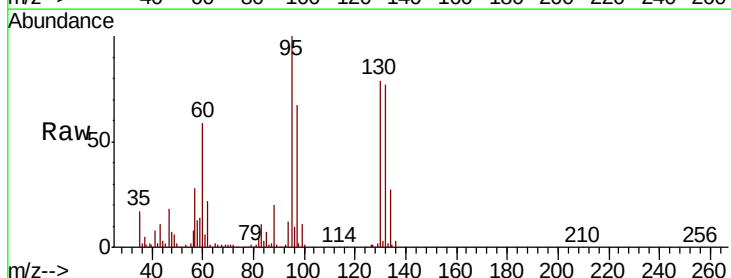
Manual Integrations
 APPROVED

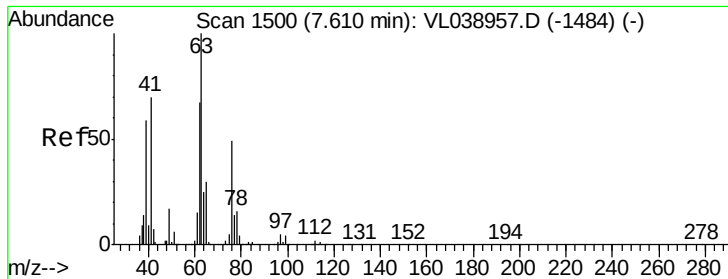
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#38
 Trichloroethene
 Concen: 2.024 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:130 Resp: 245435
 Ion Ratio Lower Upper
 130 100
 95 127.8 94.8 142.2
 132 98.1 75.8 113.8
 97 84.9 63.6 95.4





#39

1,2-Dichloropropane

Concen: 1.899 ppbv

RT: 7.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24 VSTDIC002

Tot Ion:

Ion Ratio

63 100

41 77.

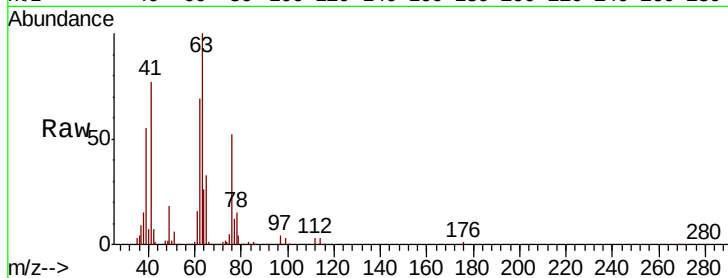
62 69.

Manual Integrations

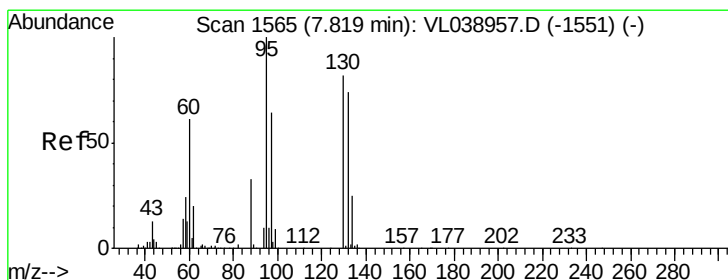
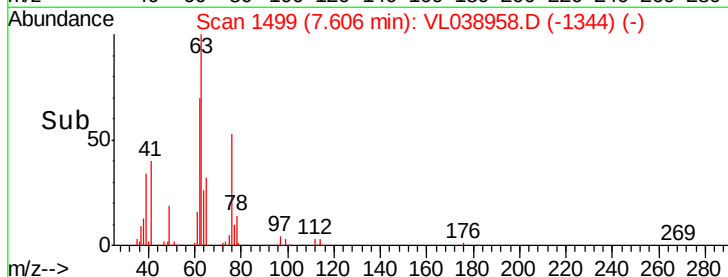
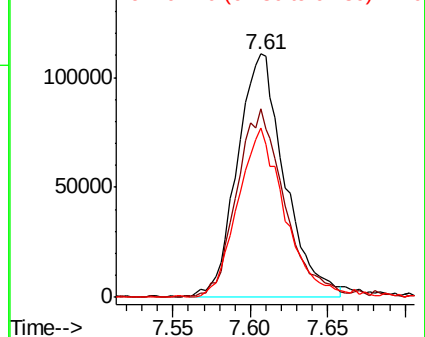
APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#40

1,4-Dioxane

Concen: 2.455 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VL038958.D

Acq: 5 May 2022 3:24

Tgt Ion: 88 Resp: 77307

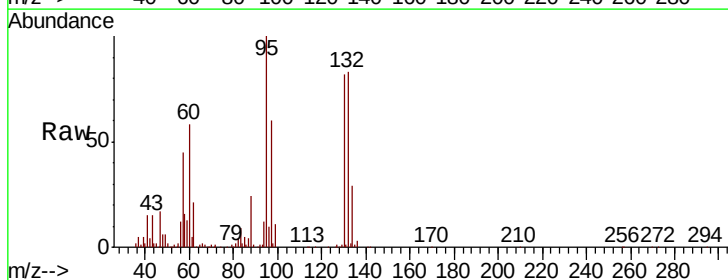
Ion Ratio Lower Upper

88 100

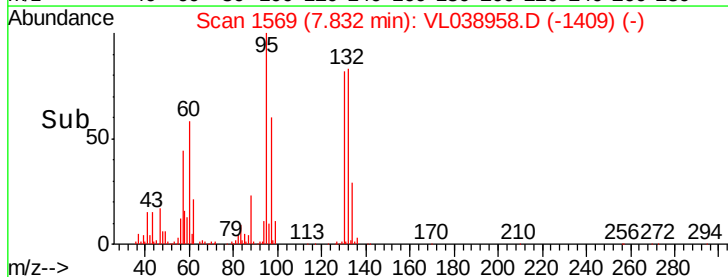
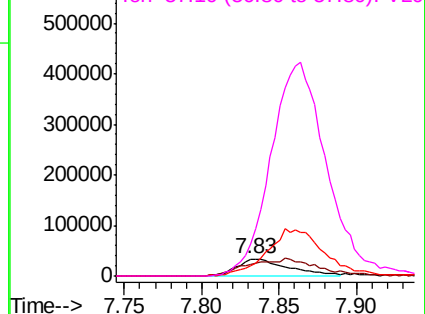
58 141.6 106.1 159.1

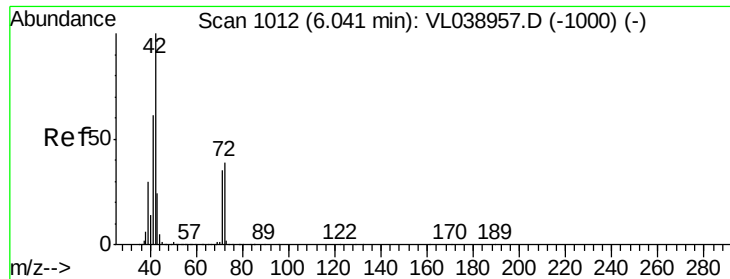
43 310.9 222.9 334.3

57 1393.2 957.6 1436.4



Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



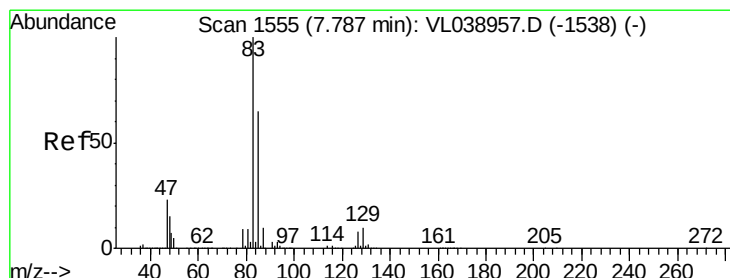
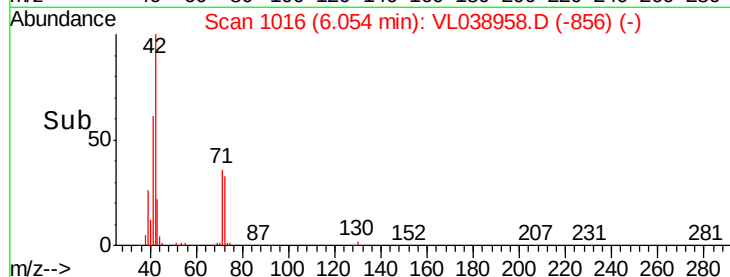
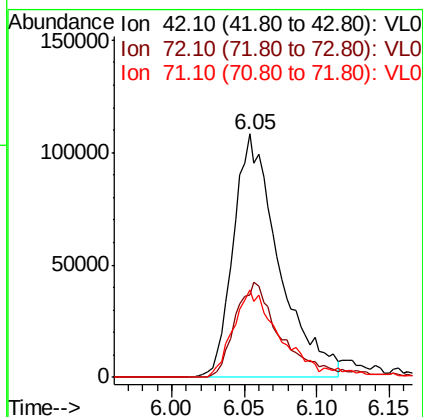
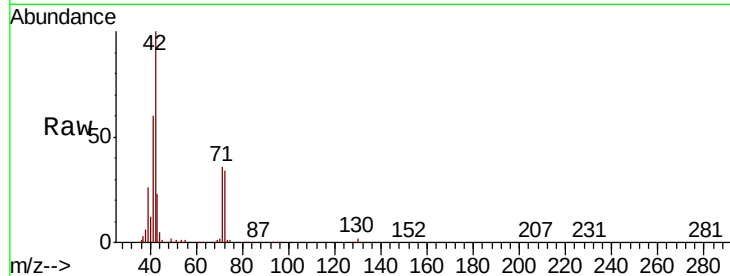


#41
Tetrahydrofuran
Concen: 2.862 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

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

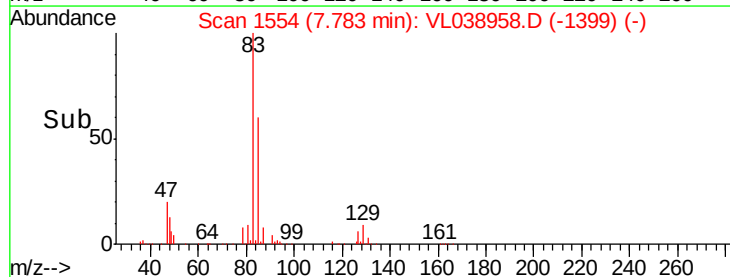
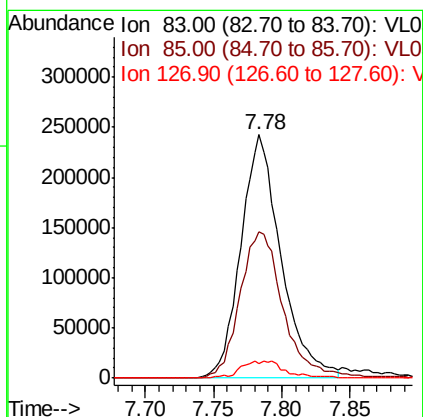
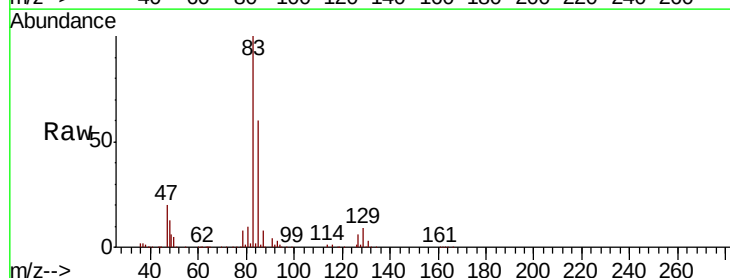
Manual Integrations
APPROVED

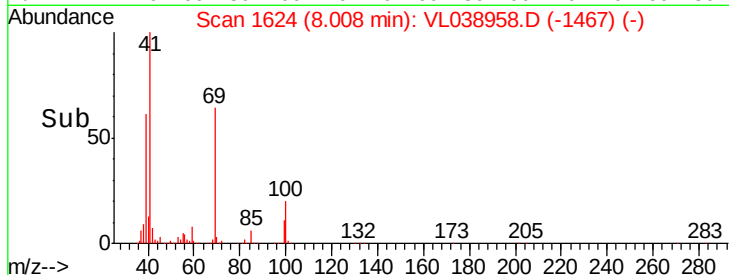
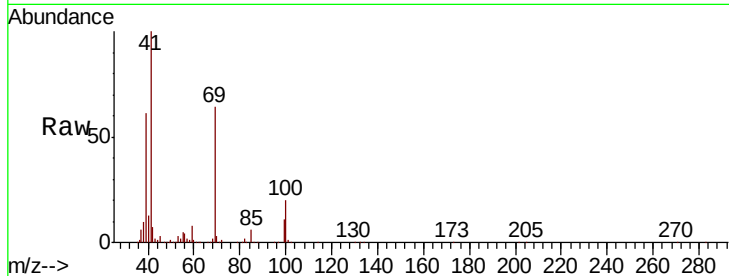
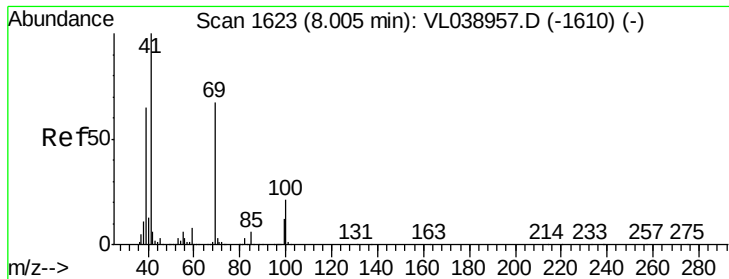
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#42
Bromodichloromethane
Concen: 2.020 ppbv
RT: 7.78 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 83 Resp: 497688
Ion Ratio Lower Upper
83 100
85 59.8 52.0 78.0
127 5.9 6.0 9.0#





#43

Methyl Methacrylate

Concen: 2.259 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId: VSTDIC002

Acq: 5 May 2022 3:24

Tot Ion:

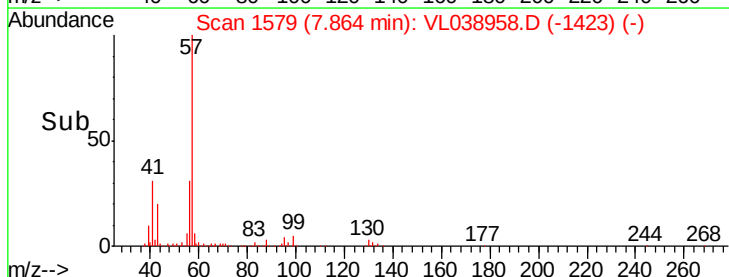
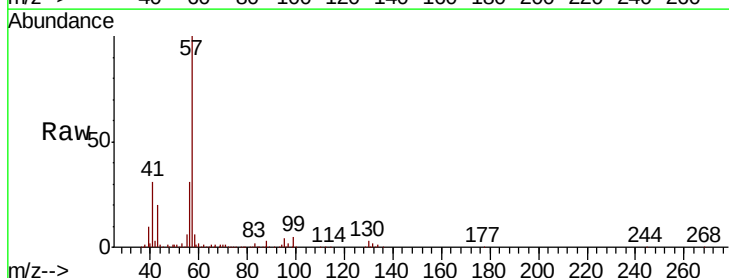
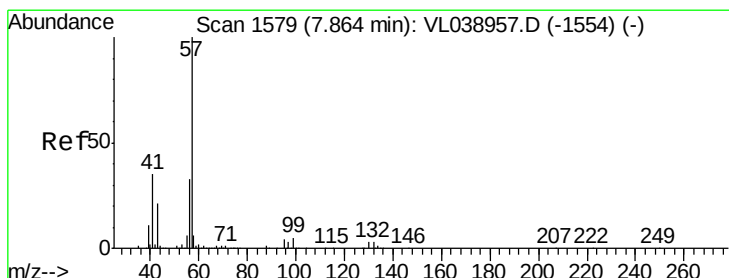
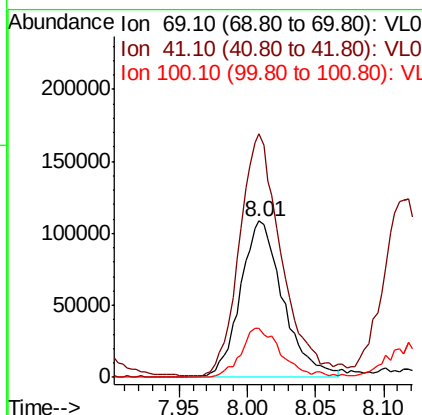
Ion	Ratio
69	100
41	155.
100	30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#44

2,2,4-Trimethylpentane

Concen: 1.996 ppbv

RT: 7.86 min Scan# 1579

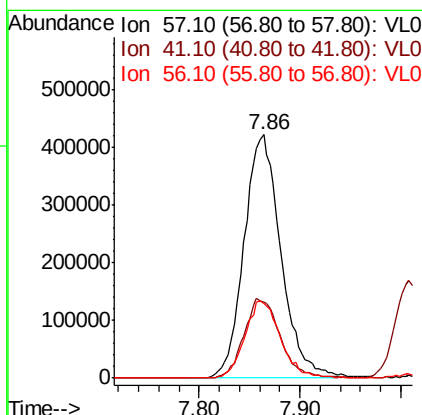
Delta R.T. 0.00 min

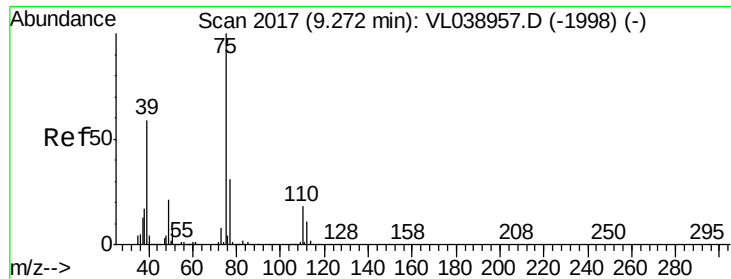
Lab File: VL038958.D

Acq: 5 May 2022 3:24

Tgt Ion: 57 Resp: 1069238

Ion	Ratio	Lower	Upper
57	100		
41	32.3	26.3	39.5
56	30.9	24.6	37.0



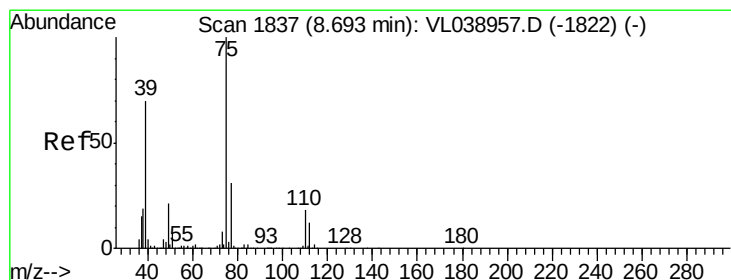
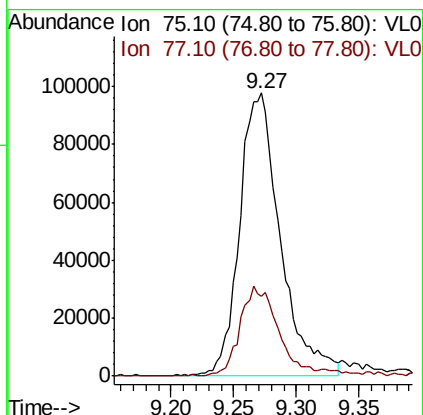
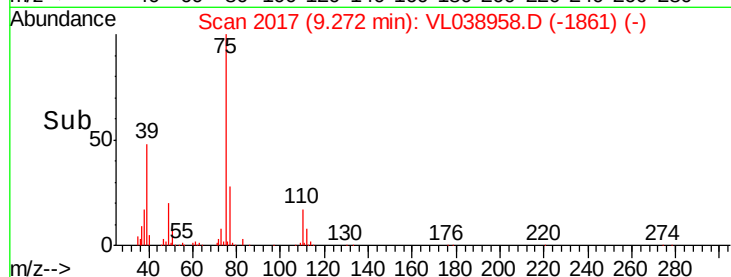
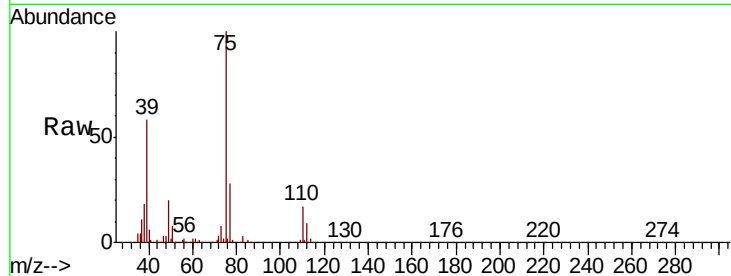


#45
t-1,3-Dichloropropene
Concen: 1.852 ppbv
RT: 9.27
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
75 100
77 28.

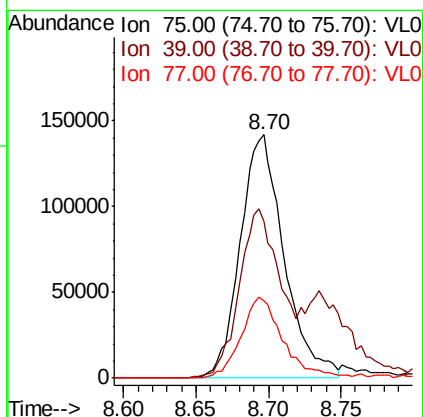
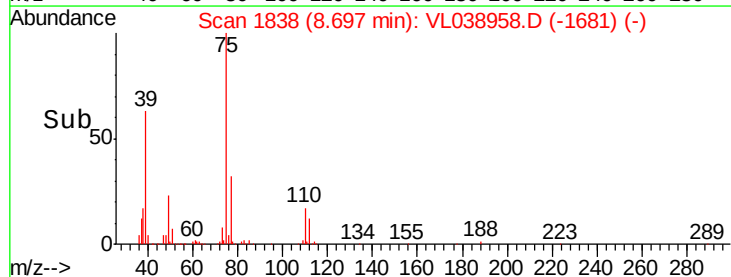
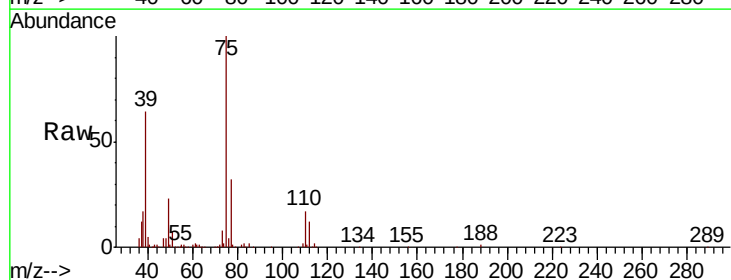
Manual Integrations
APPROVED

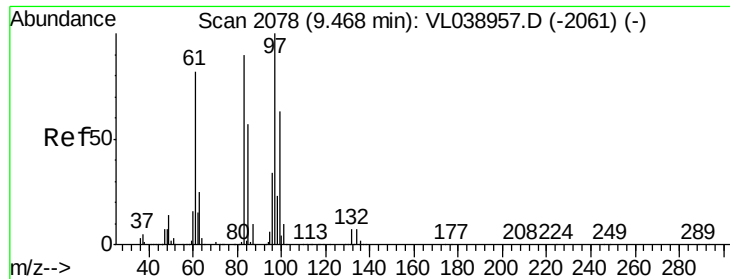
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#46
cis-1,3-Dichloropropene
Concen: 1.987 ppbv
RT: 8.70 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 75 Resp: 299164
Ion Ratio Lower Upper
75 100
39 63.9 55.8 83.6
77 31.5 24.8 37.2



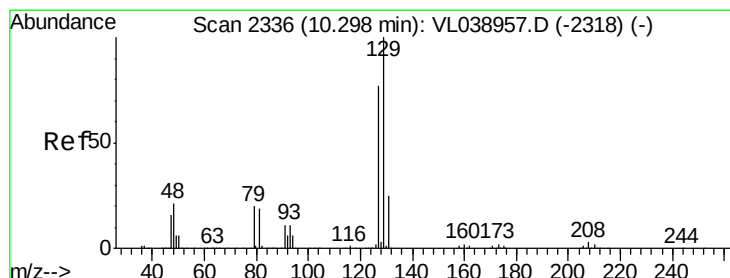
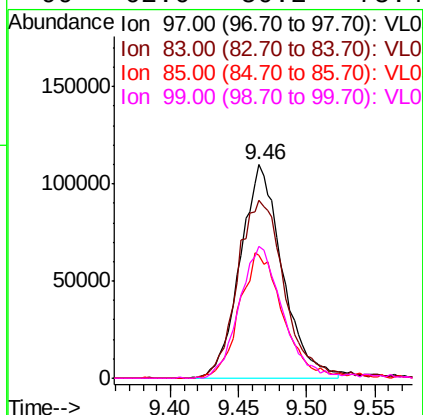
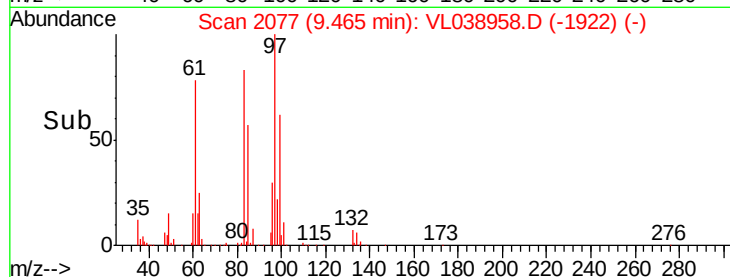
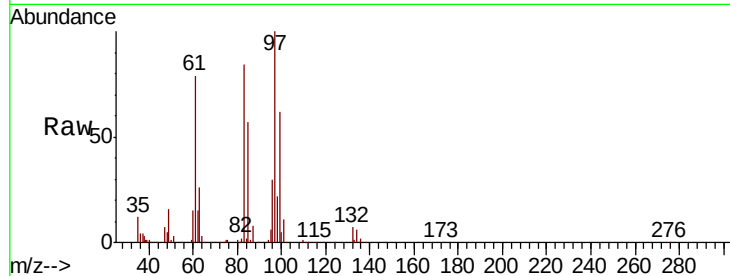


#47
 1,1,2-Trichloroethane
 Concen: 1.892 ppbv
 RT: 9.46
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 97 100
 83 83.
 85 57.
 99 62.0 50.2 75.4

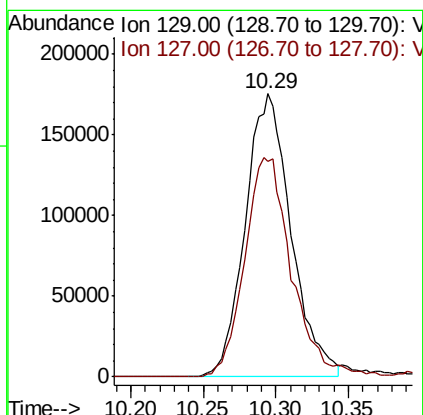
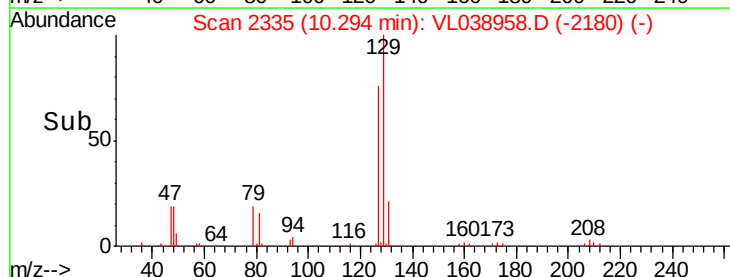
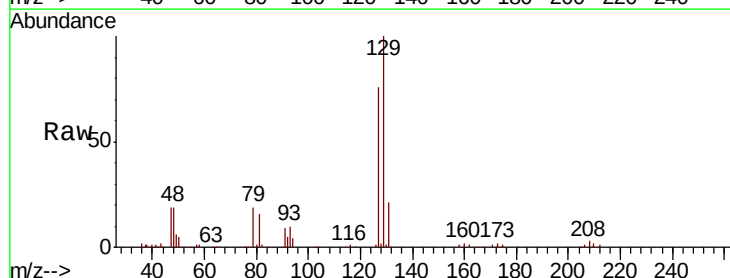
Manual Integrations
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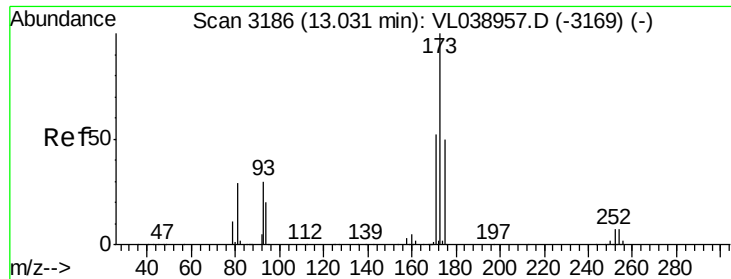
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#48
 Dibromochloromethane
 Concen: 2.010 ppbv
 RT: 10.29 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:129 Resp: 385888
 Ion Ratio Lower Upper
 129 100
 127 79.7 39.3 117.9





#49

Bromoform

Concen: 1.931 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 3:24

Tot Ion:1

Ion Ratio

173 100

175 50.

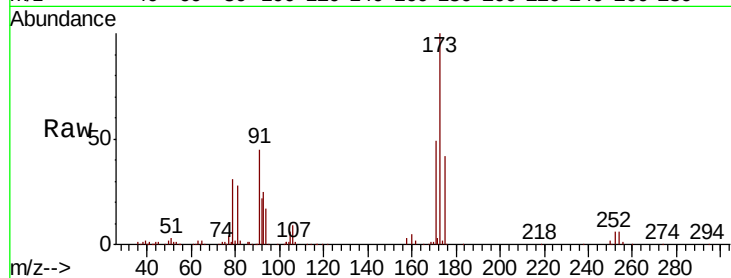
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

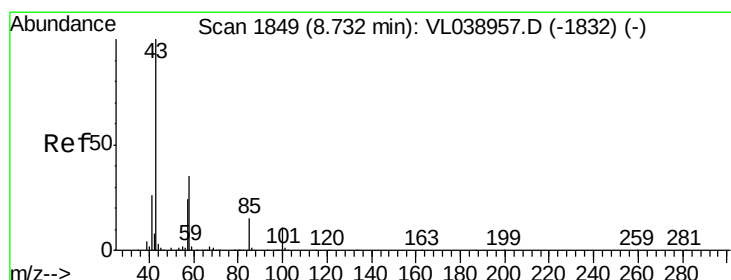
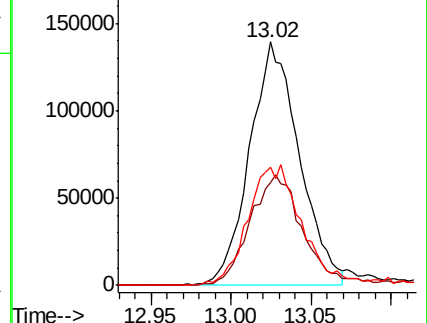
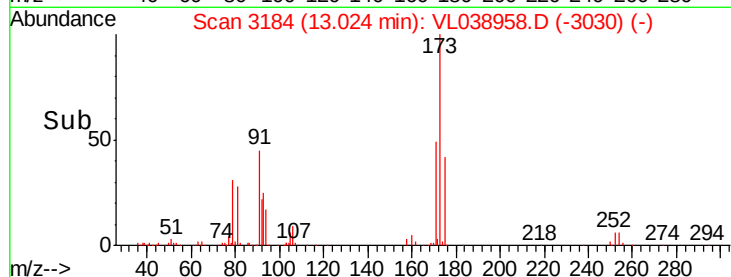
Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 2.523 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.01 min

Lab File: VL038958.D

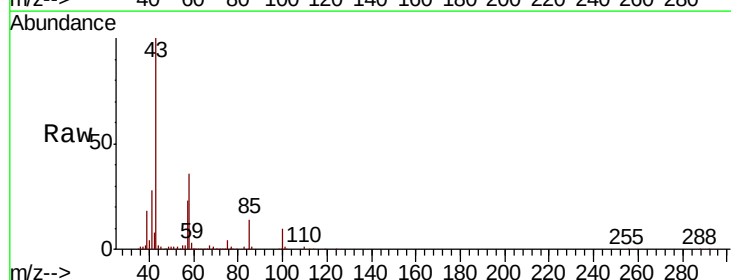
Acq: 5 May 2022 3:24

Tgt Ion: 43 Resp: 621563

Ion Ratio Lower Upper

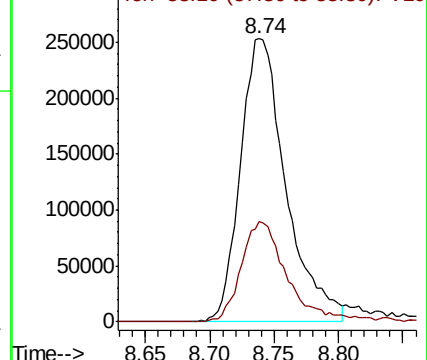
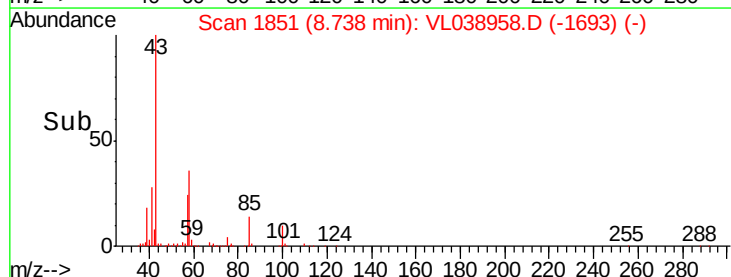
43 100

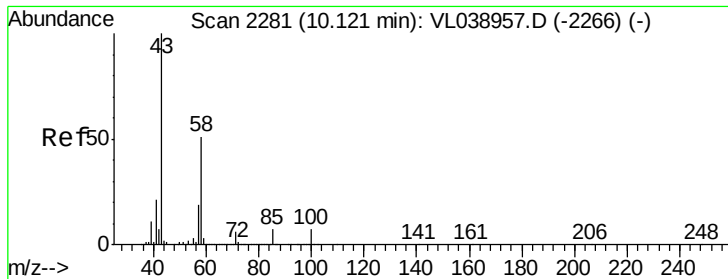
58 36.3 28.4 42.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



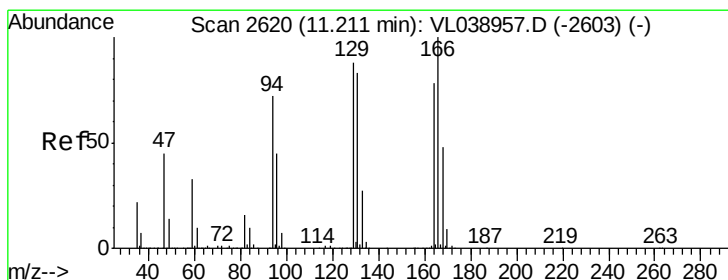
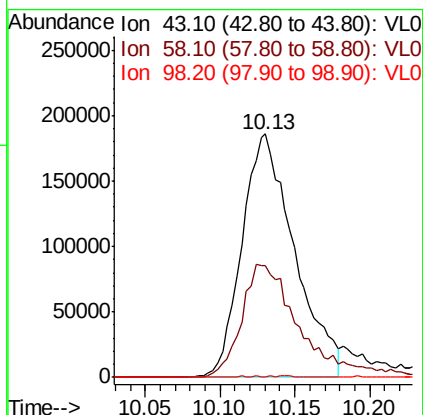
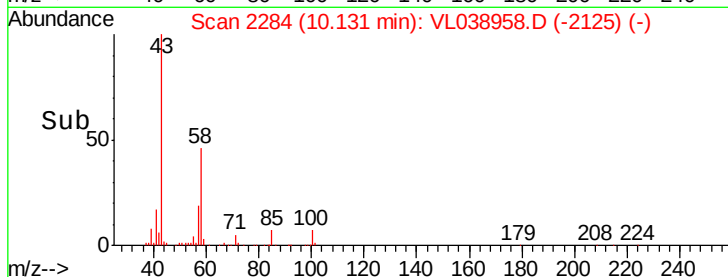
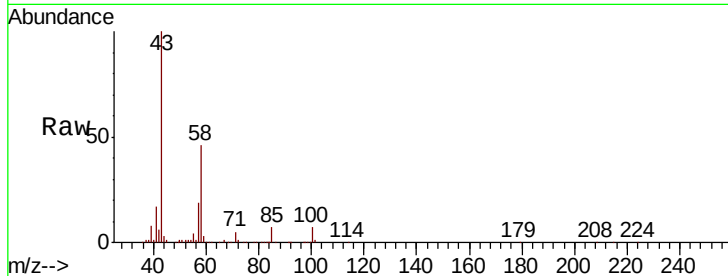


#51
2-Hexanone
Concen: 3.257 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
43 100
58 53.
98 0.

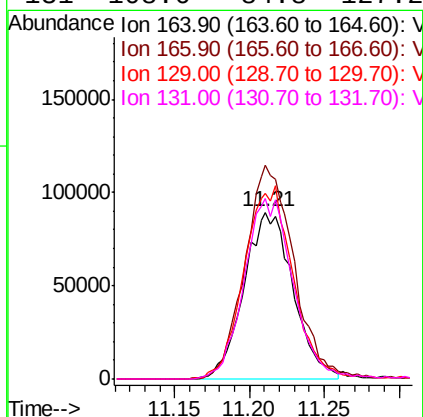
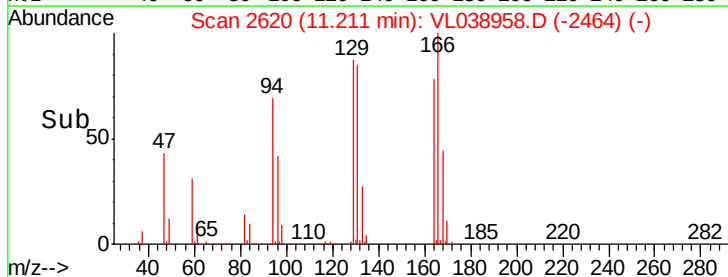
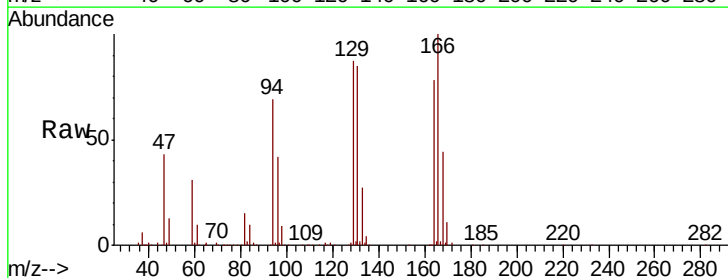
Manual Integrations
APPROVED

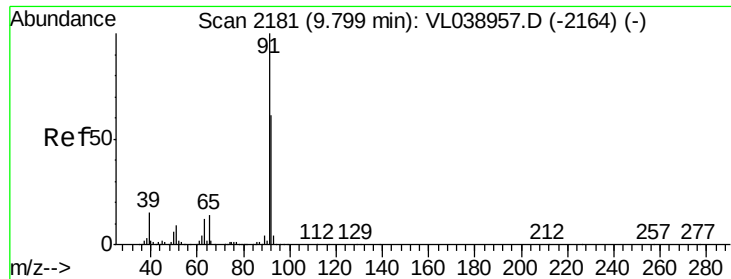
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#52
Tetrachloroethene
Concen: 1.827 ppbv
RT: 11.21 min Scan# 2620
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion:164 Resp: 204288
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 111.3 90.1 135.1
131 108.6 84.8 127.2



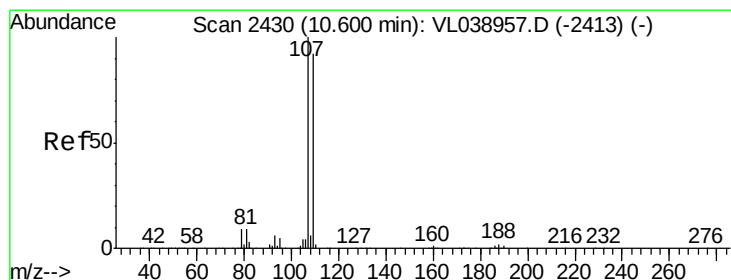
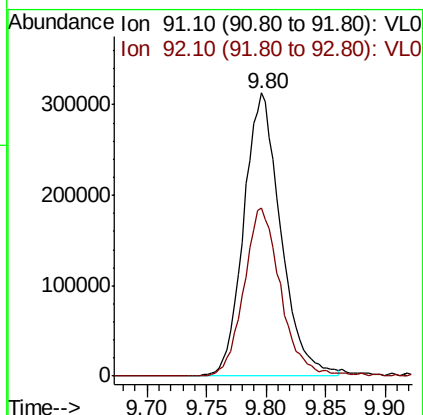
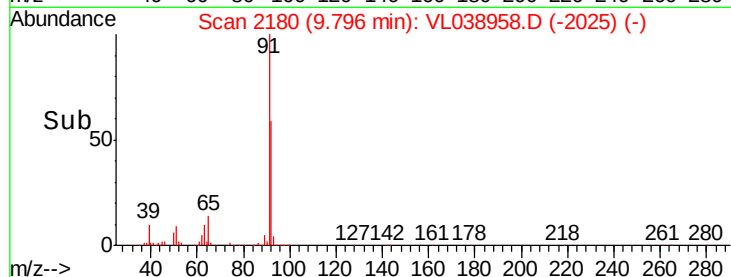
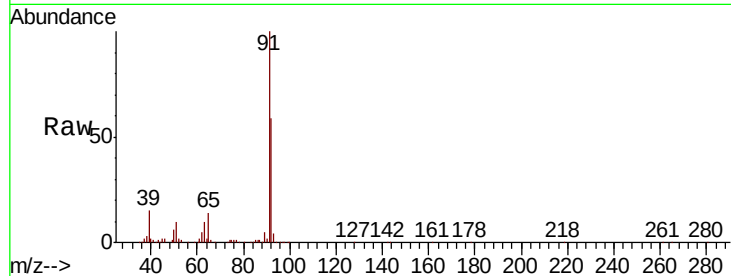


#53
Toluene
Concen: 2.085 ppbv
RT: 9.80
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
91 100
92 59.

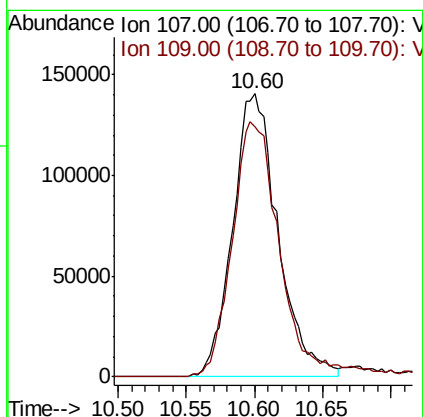
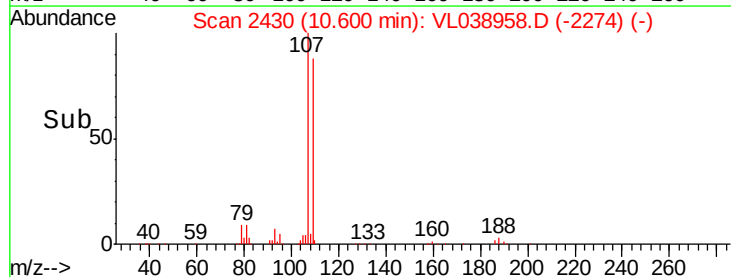
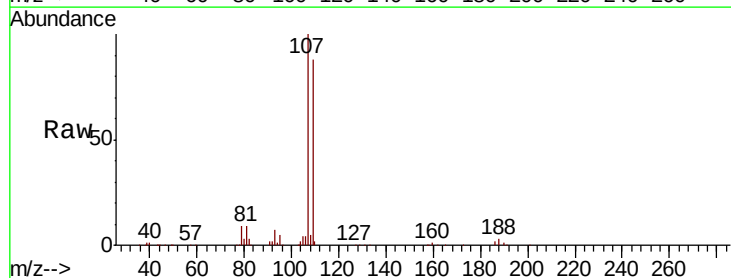
Manual Integrations
APPROVED

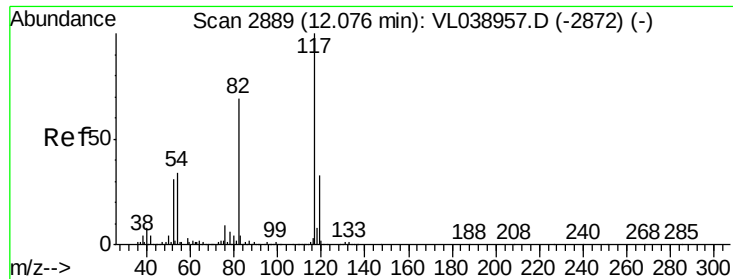
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#54
1,2-Dibromoethane
Concen: 1.848 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion:107 Resp: 324911
Ion Ratio Lower Upper
107 100
109 88.0 73.8 110.8



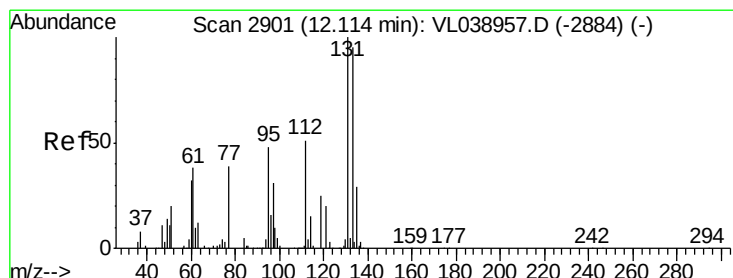
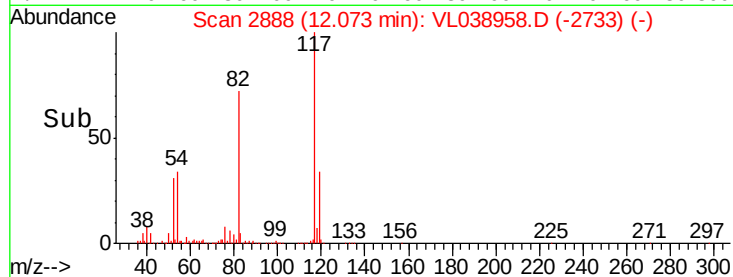
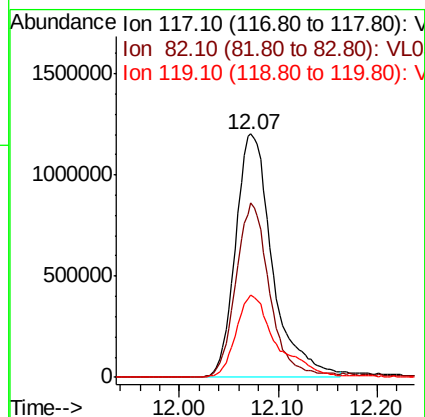
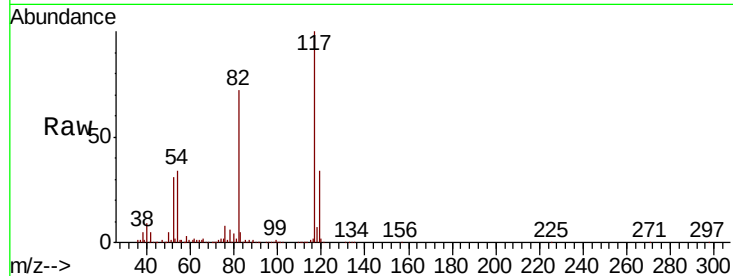


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: ClientSampleId : VSTDIC002
Acq: 5 May 2022 3:24

Tot Ion: 1
Ion Ratio
117 100
82 68.
119 37.

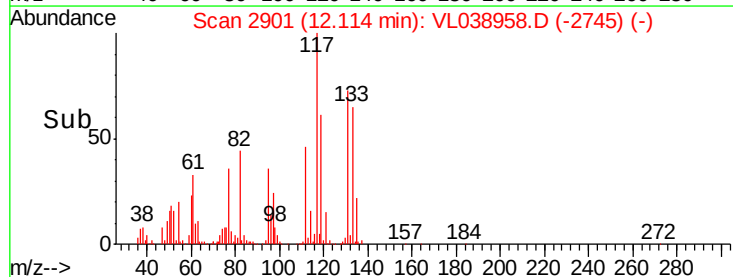
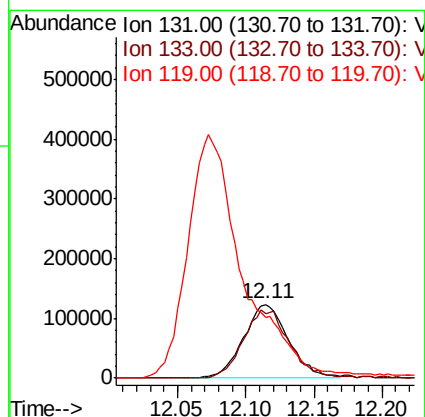
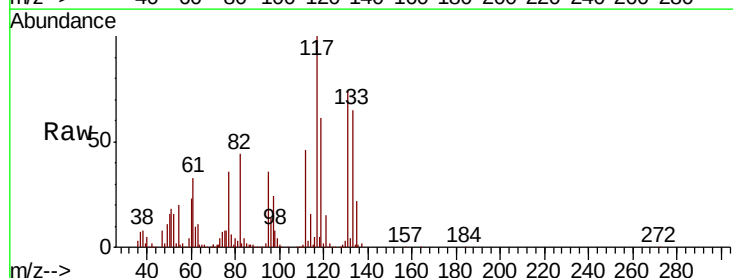
Manual Integrations
APPROVED

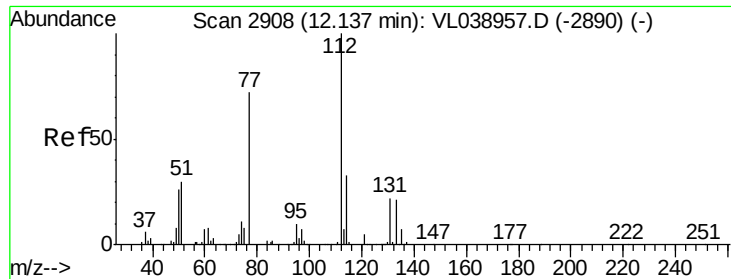
Reviewed By : Semsettin Yesilyurt 05/07/2022
Supervised By : Mahesh Dadoda 05/09/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 2.016 ppbv
RT: 12.11 min Scan# 2901
Delta R.T.: 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 131 Resp: 282827
Ion Ratio Lower Upper
131 100
133 94.5 76.9 115.3
119 408.4 47.4 71.0#





#57

Chlorobenzene

Concen: 1.815 ppbv

RT: 12.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24

Tot Ion:1

Ion Rati

112 100

77 70.

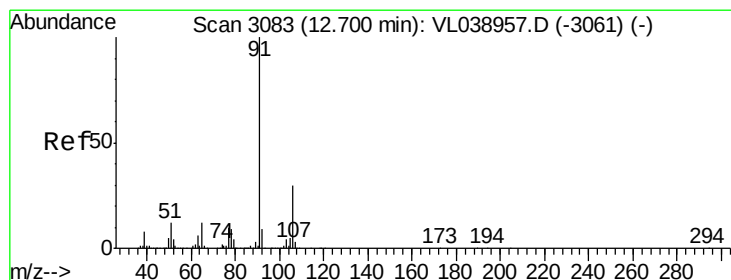
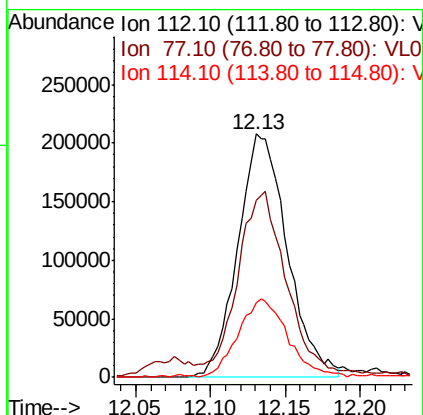
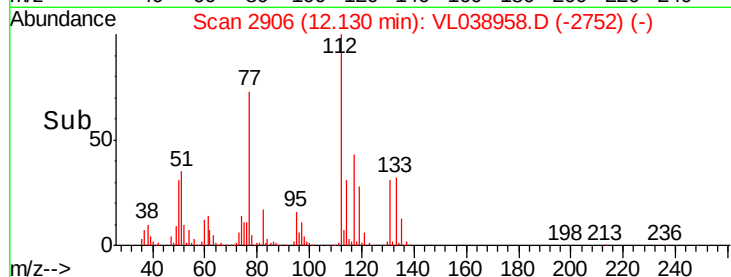
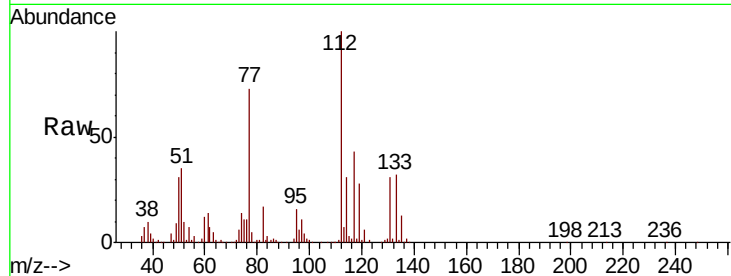
114 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#58

Ethyl Benzene

Concen: 2.071 ppbv

RT: 12.70 min Scan# 3082

Delta R.T. -0.00 min

Lab File: VL038958.D

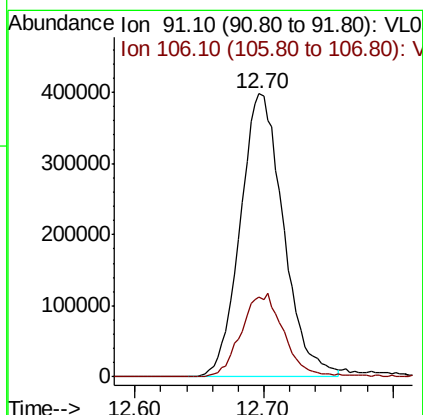
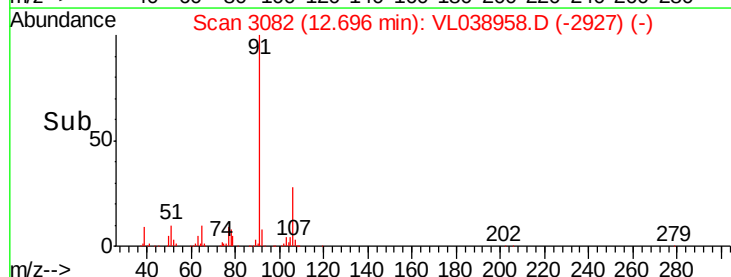
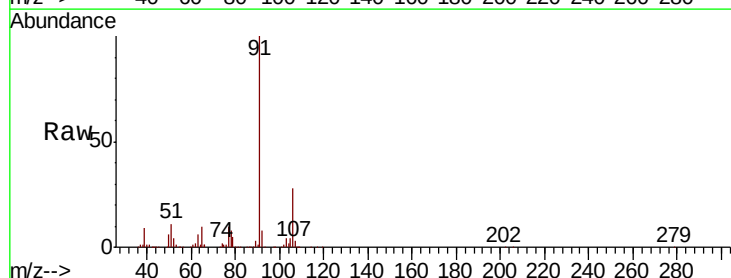
Acq: 5 May 2022 3:24

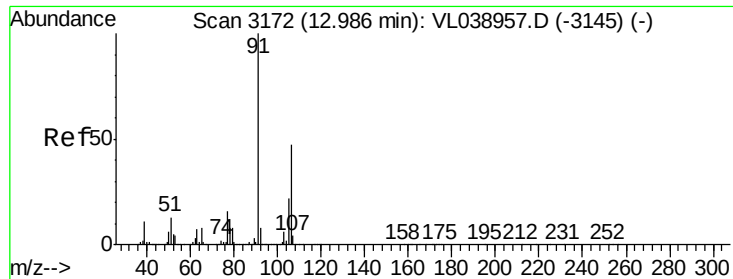
Tgt Ion: 91 Resp: 927126

Ion Ratio Lower Upper

91 100

106 28.1 24.2 36.4



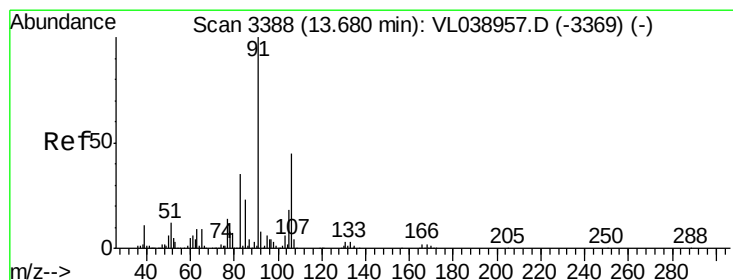
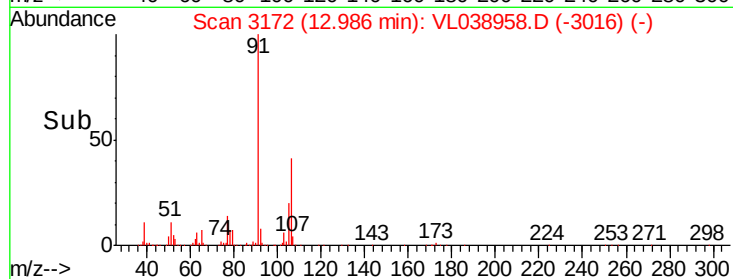
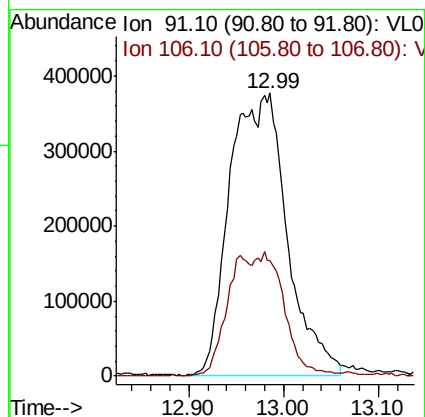
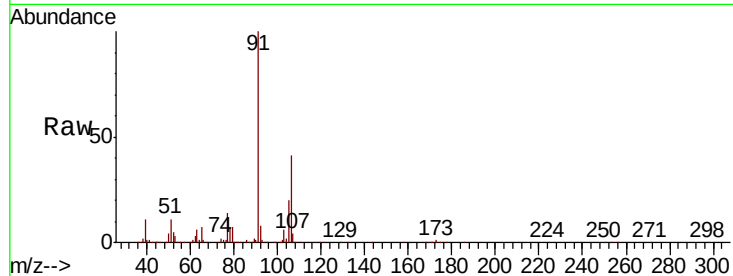


#59
m/p-Xylene
Concen: 4.067 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampled:
Acq: 5 May 2022 3:24

Tot Ion:
Ion Ratio
91 100
106 41.

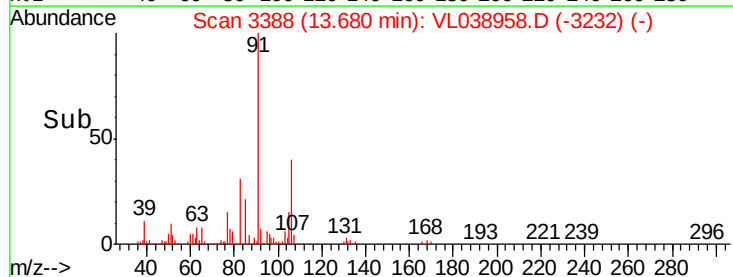
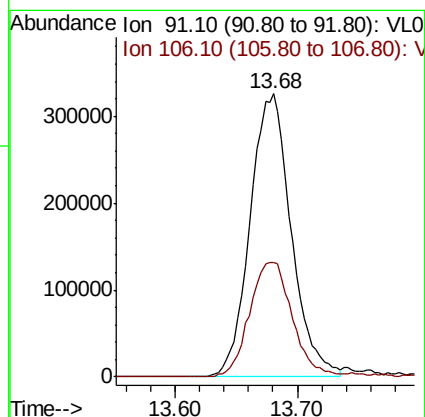
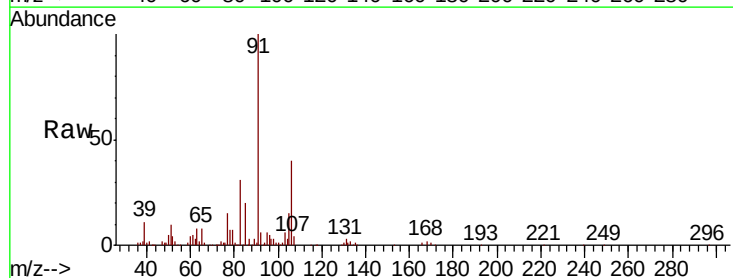
Manual Integrations
APPROVED

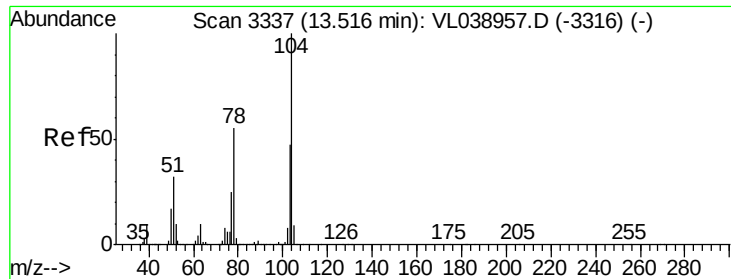
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022



#60
o-Xylene
Concen: 2.006 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion: 91 Resp: 758615
Ion Ratio Lower Upper
91 100
106 43.2 22.2 66.6





#61

Stvrene

Concen: 2.141 ppbv

RT: 13.51

Delta R.T.

Lab File:

Acq: 5 May 2022

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

3:24

Tot Ion:1

Ion Rati

104 100

78 56.

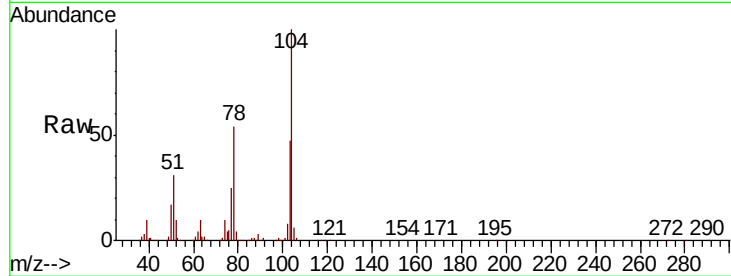
103 50.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/07/2022

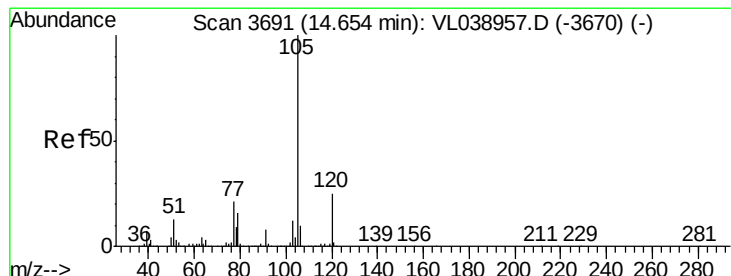
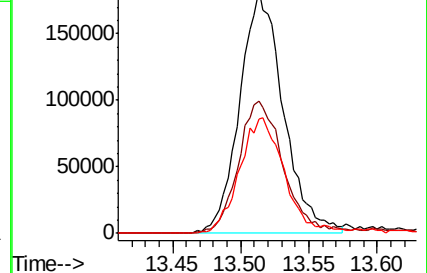
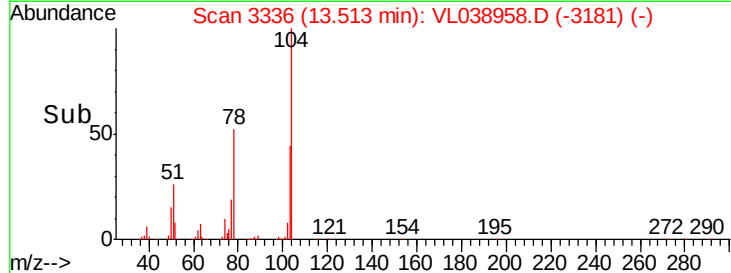
Supervised By :Mahesh Dadoda 05/09/2022



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 2.136 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. 0.00 min

Lab File: VL038958.D

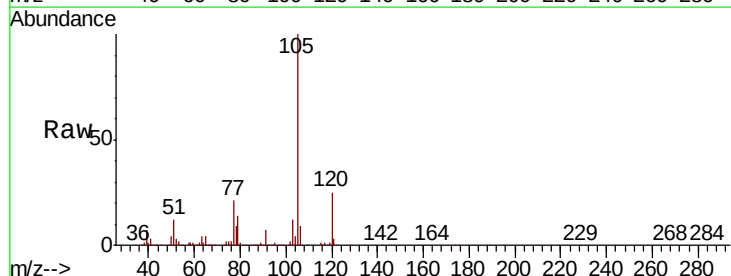
Acq: 5 May 2022 3:24

Tgt Ion:105 Resp: 1100053

Ion Ratio Lower Upper

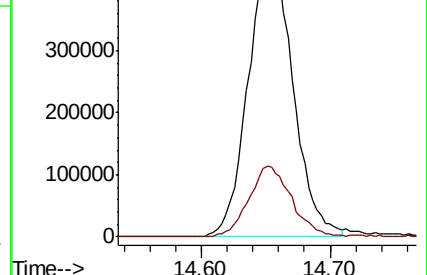
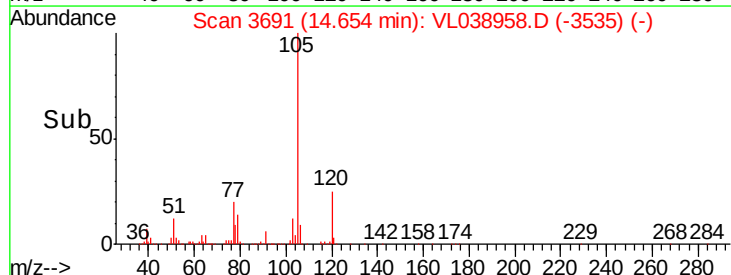
105 100

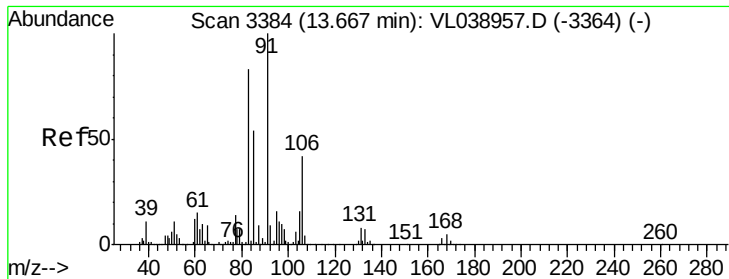
120 24.6 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



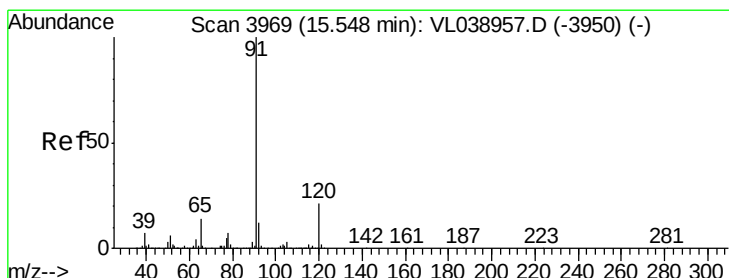
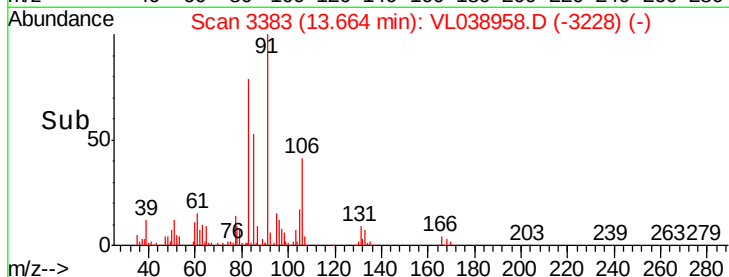
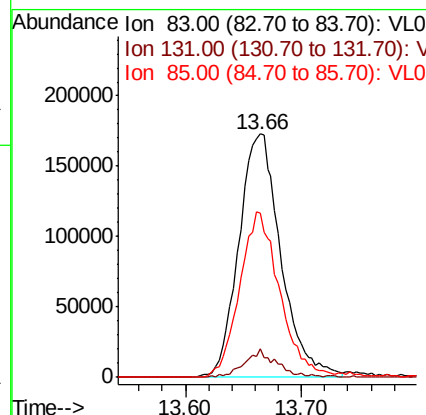
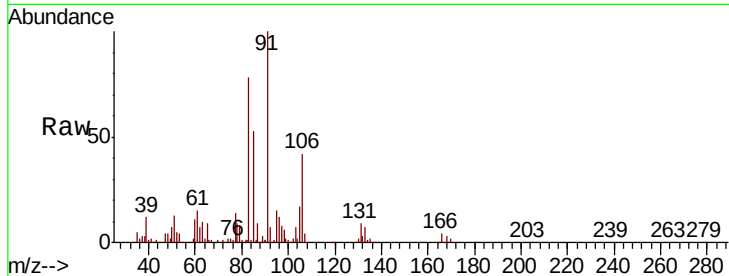


#63
 1,1,2,2-Tetrachloroethane
 Concen: 1.534 ppbv
 RT: 13.66 min
 Delta R.T.: 0.00 min
 Lab File: VSTDIC002
 Acq: 5 May 2022 3:24

Manual Integrations
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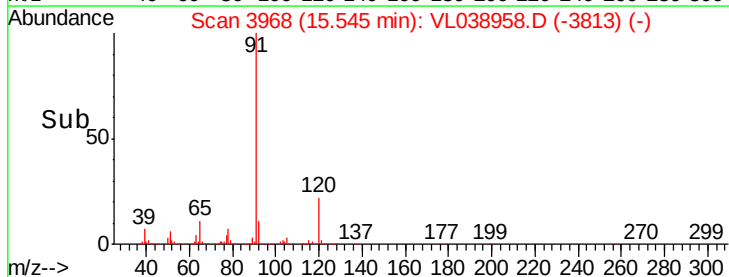
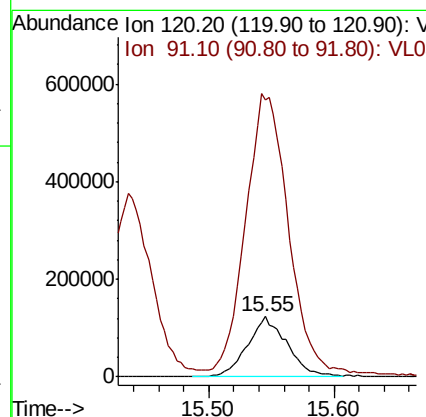
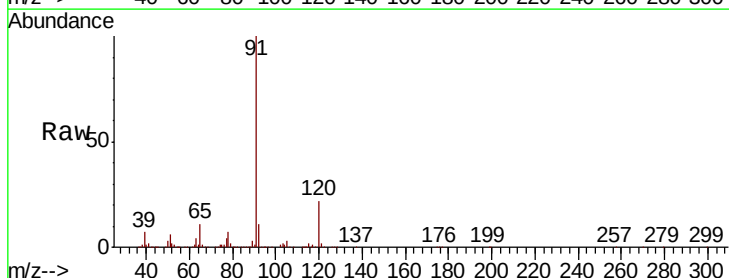
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

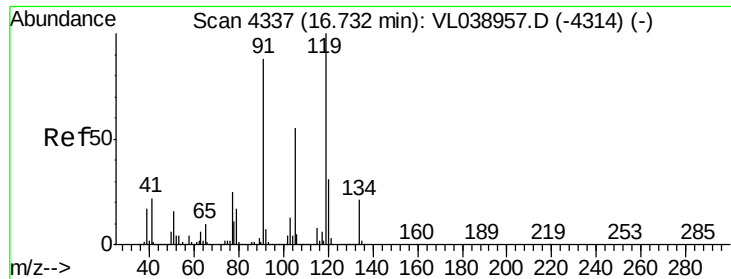
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 66.



#64
 n-propylbenzene
 Concen: 2.163 ppbv
 RT: 15.55 min Scan# 3968
 Delta R.T.: -0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:120 Resp: 271772
 Ion Ratio Lower Upper
 120 100
 91 520.2 400.6 601.0





#65

tert-Butylbenzene

Concen: 2.172 ppbv

RT: 16.73

Delta R.T. MSVOA_L

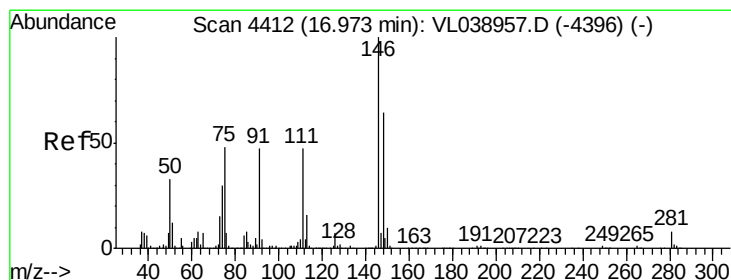
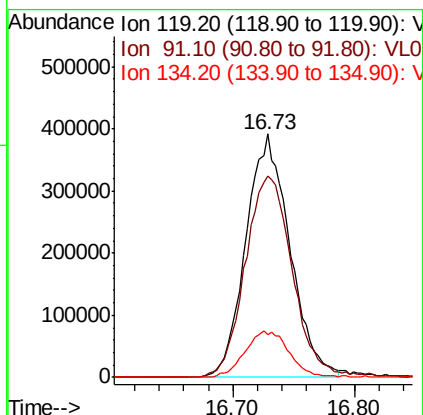
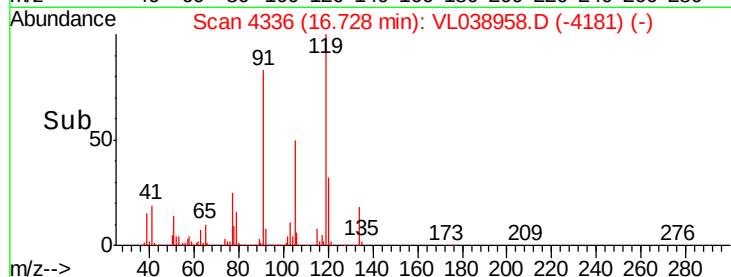
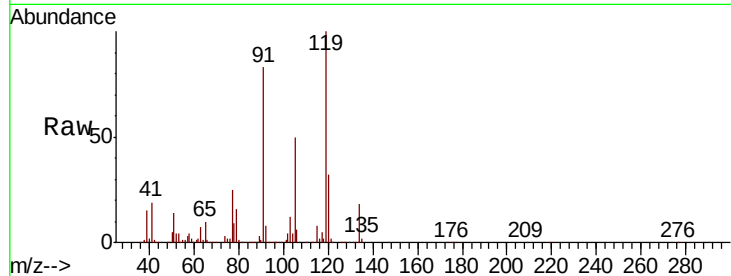
Lab File: ClientSampleId :

Acq: 5 May 2022 3:24

Tot Ion:1
Ion Rati
119 100
91 89.
134 19.

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#66

Benzyl Chloride

Concen: 1.845 ppbv m

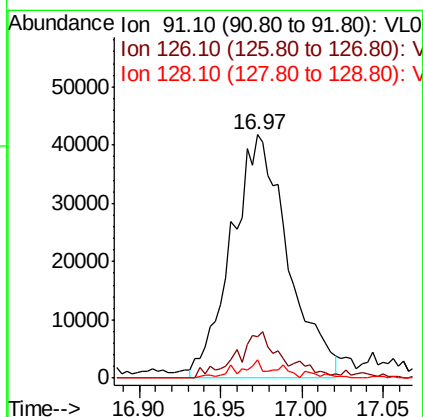
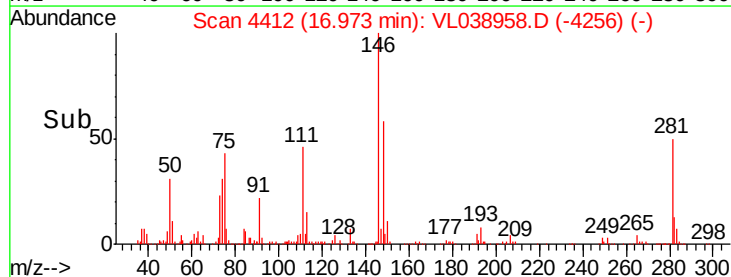
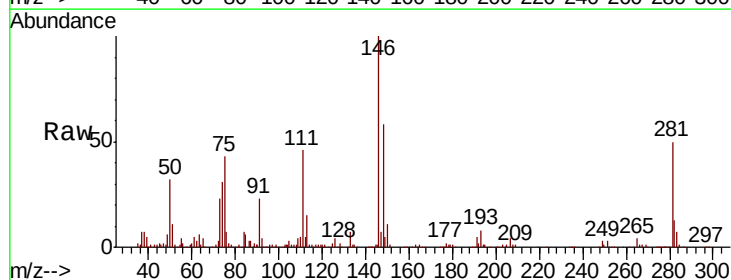
RT: 16.97 min Scan# 4412

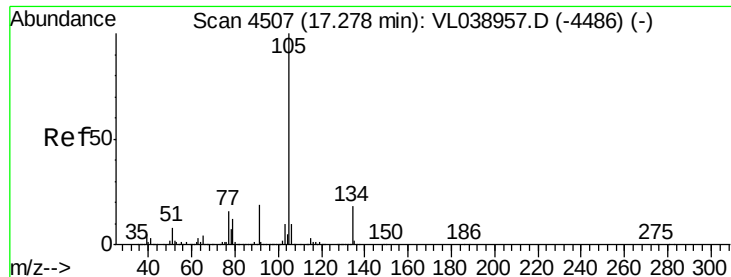
Delta R.T. 0.00 min

Lab File: VL038958.D

Acq: 5 May 2022 3:24

Tgt Ion: 91 Resp: 100932
Ion Ratio Lower Upper
91 100
126 15.6 11.8 17.6
128 5.8 4.2 6.2





#67

sec-Butylbenzene

Concen: 2.217 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 3:24

Tot Ion:1

Ion Ratio

105 100

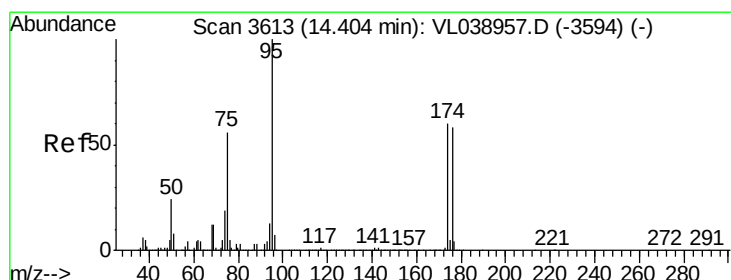
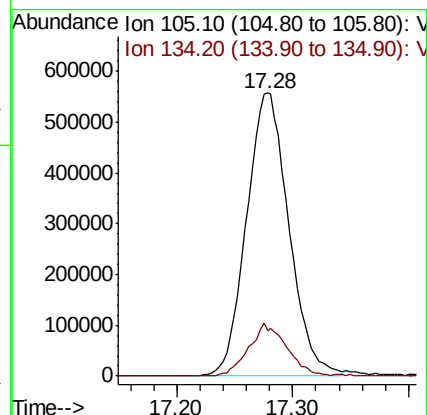
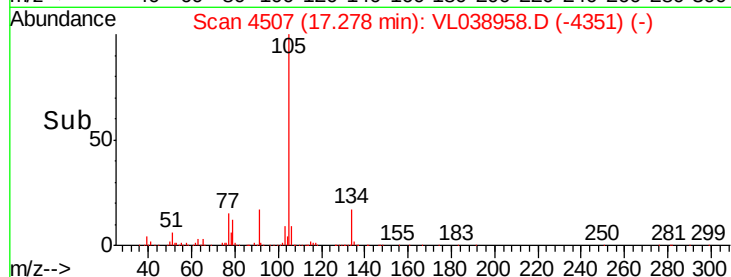
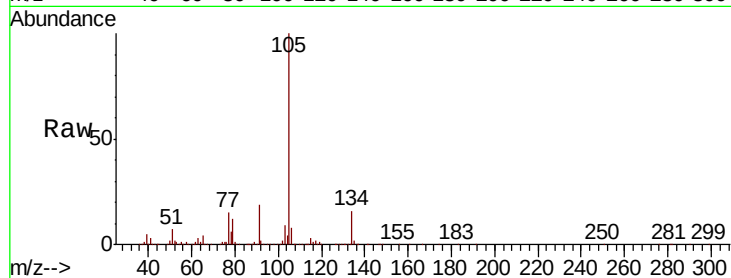
134 17.

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Reviewed By :Semsettin Yesilyurt 05/07/2022

Supervised By :Mahesh Dadoda 05/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.628 ppbv

RT: 14.40 min Scan# 3612

Delta R.T. -0.00 min

Lab File: VL038958.D

Acq: 5 May 2022 3:24

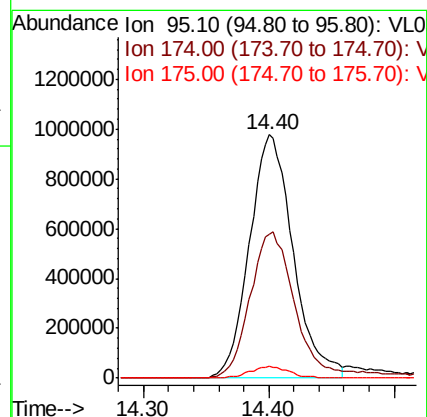
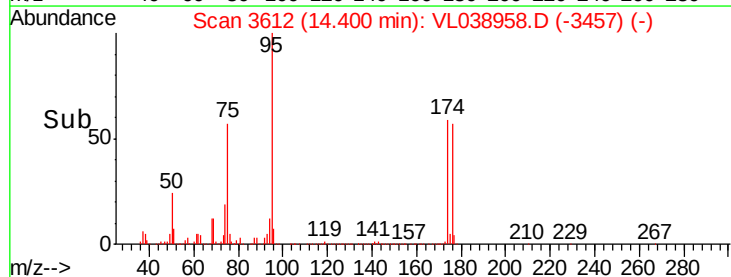
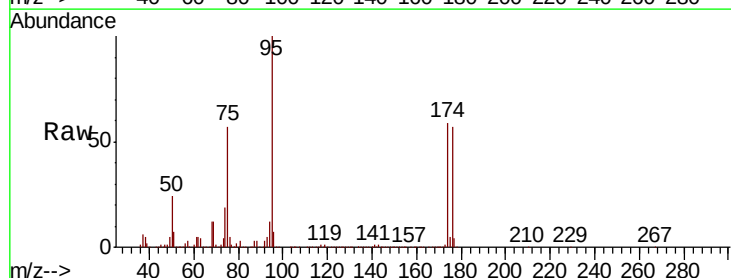
Tgt Ion: 95 Resp: 2371658

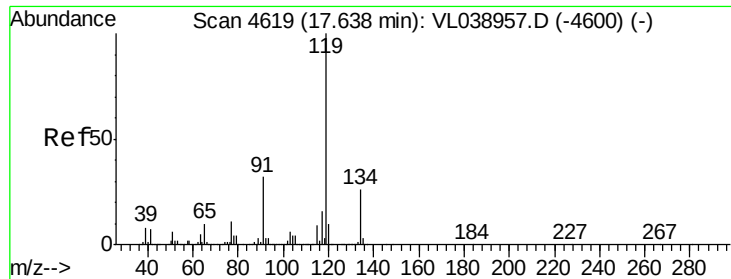
Ion Ratio Lower Upper

95 100

174 64.9 50.8 76.2

175 4.6 3.8 5.6



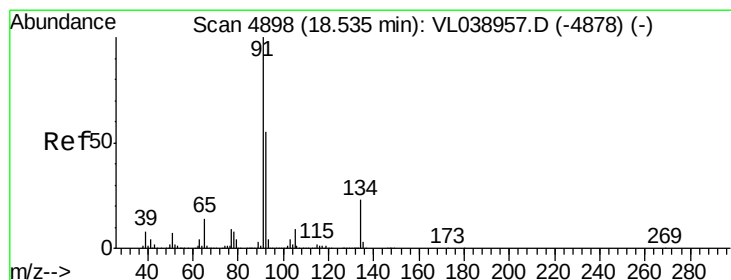
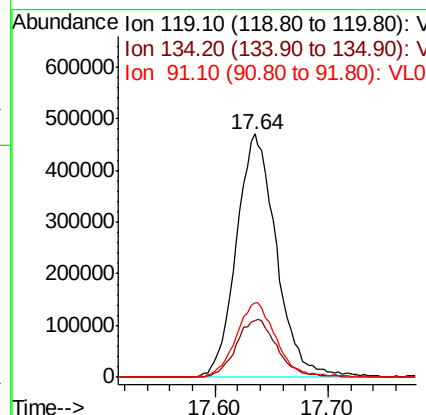
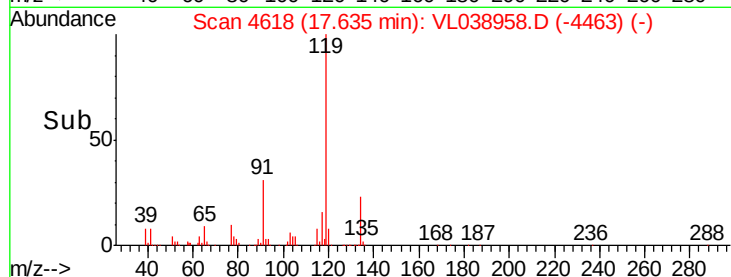
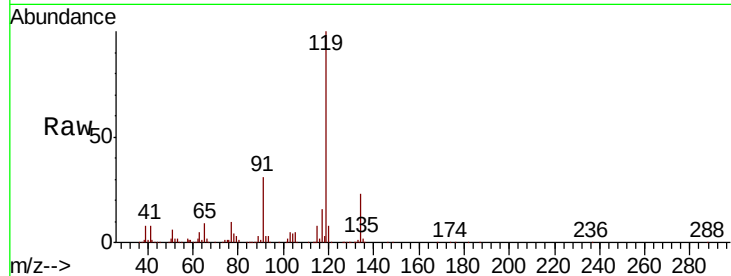


#69
 p-Isopropyltoluene
 Concen: 2.321 ppbv
 RT: 17.64 min
 Delta R.T. 0.00 min
 Lab File: VSTDIC002
 Acq: 5 May 2022 3:24

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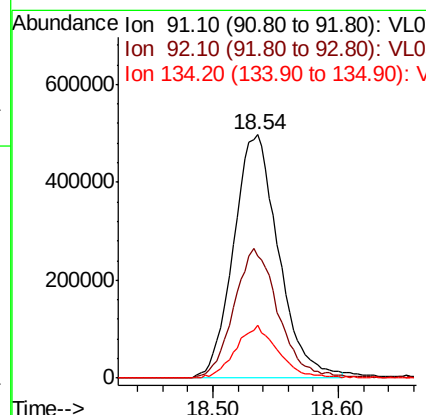
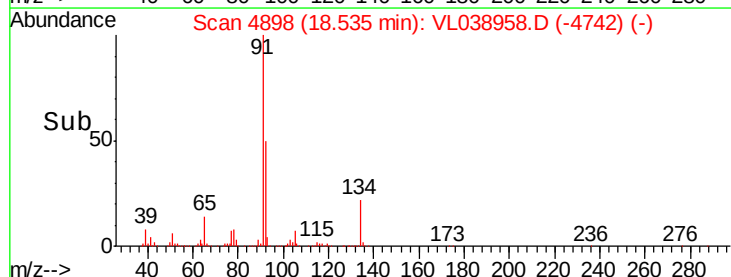
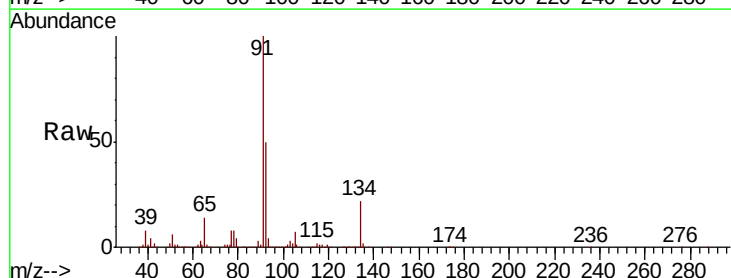
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 Supervised By :Mahesh Dadoda 05/09/2022

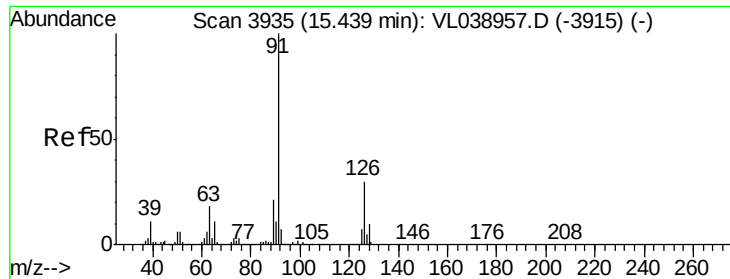
Tot Ion:1
 Ion Ratio
 119 100
 134 24.
 91 30.



#70
 n-Butylbenzene
 Concen: 2.362 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion: 91 Resp: 1229017
 Ion Ratio Lower Upper
 91 100
 92 53.4 43.1 64.7
 134 20.6 17.0 25.4



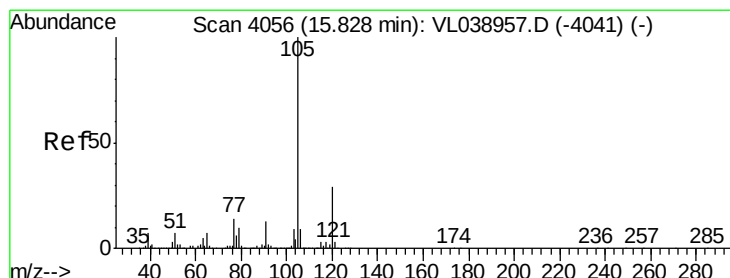
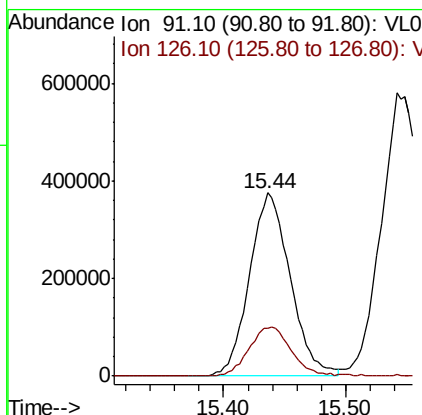
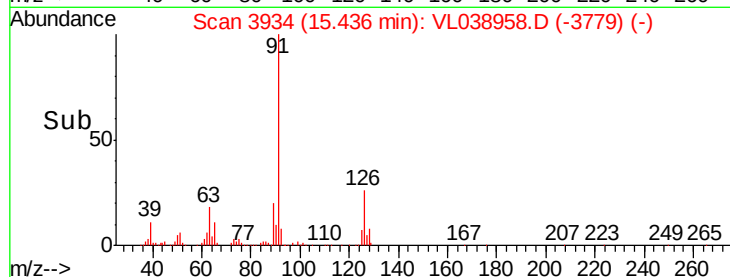
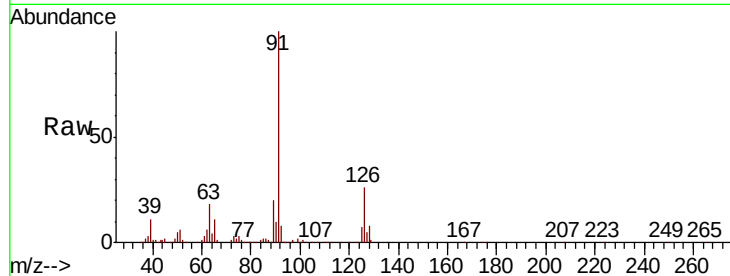


#71
 2-Chlorotoluene
 Concen: 2.237 ppbv
 RT: 15.44
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:
 Ion Ratio
 91 100
 126 28.

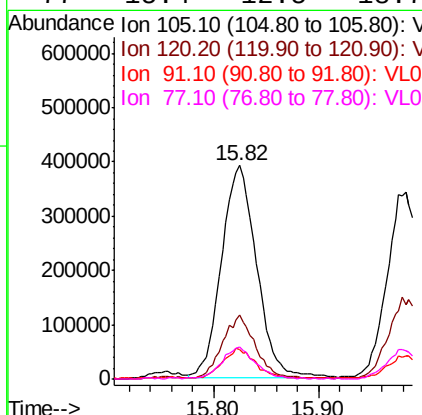
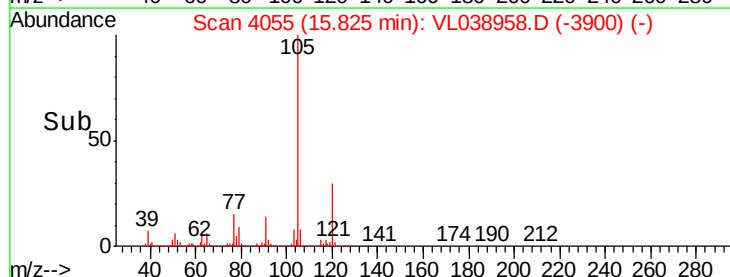
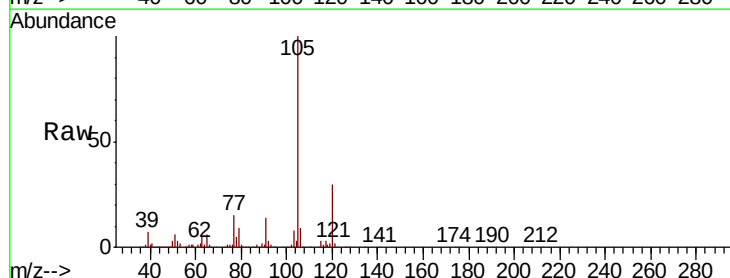
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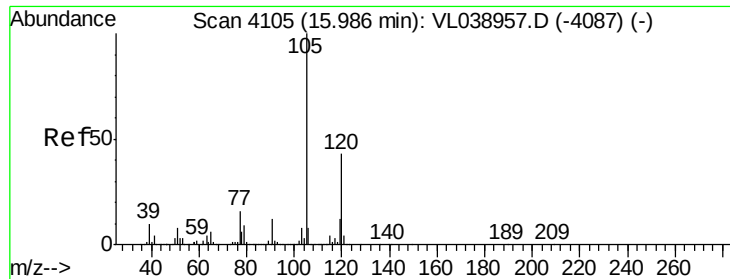
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#72
 4-Ethyltoluene
 Concen: 2.153 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:105 Resp: 894310
 Ion Ratio Lower Upper
 105 100
 120 27.8 23.4 35.0
 91 13.3 10.6 16.0
 77 15.4 12.5 18.7



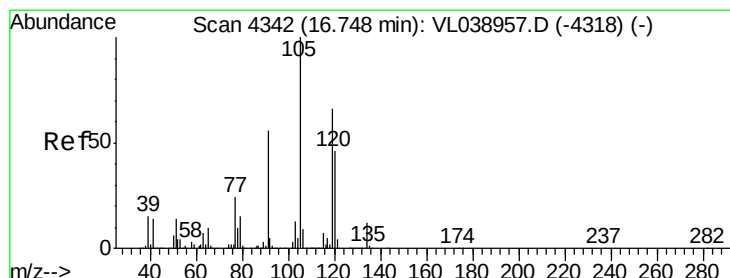
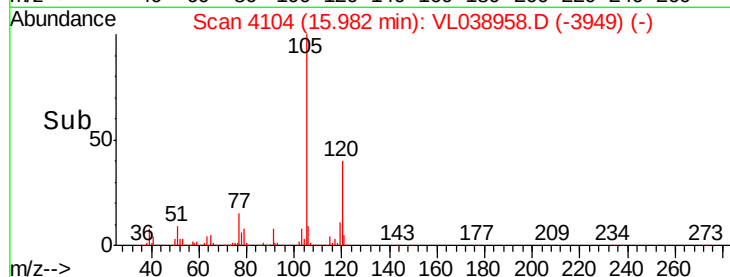
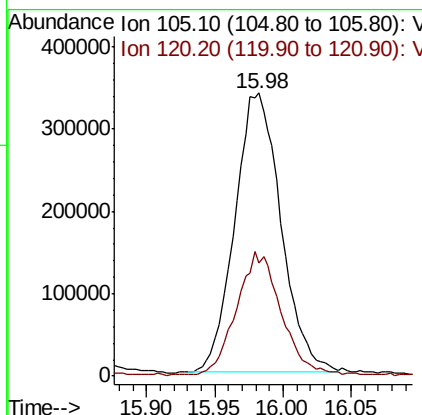
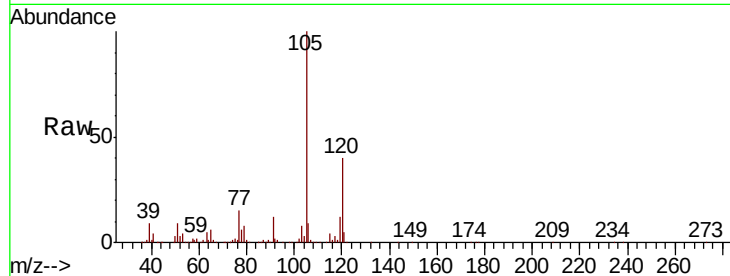


#73
 1,3,5-Trimethylbenzene
 Concen: 2.054 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:1
 Ion Rati
 105 100
 120 39.

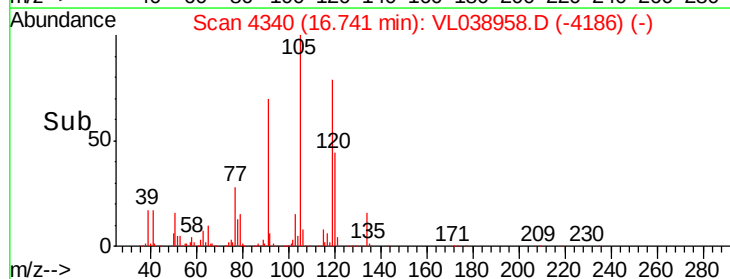
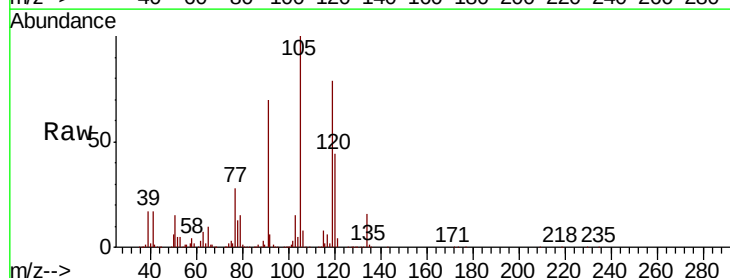
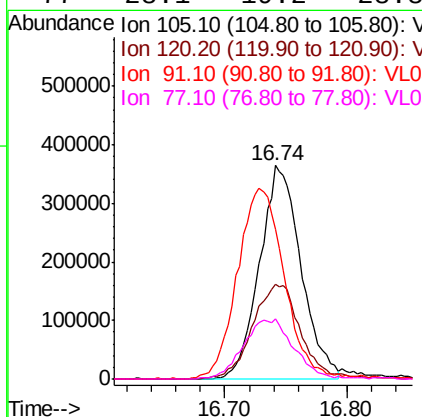
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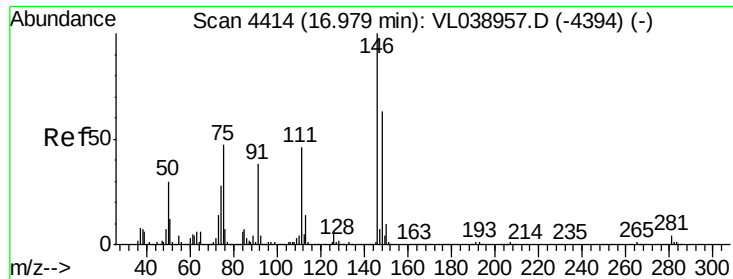
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 2.050 ppbv
 RT: 16.74 min Scan# 4340
 Delta R.T. -0.01 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:105 Resp: 856728
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.9 55.3
 91 70.0 45.0 67.4#
 77 28.1 19.2 28.8



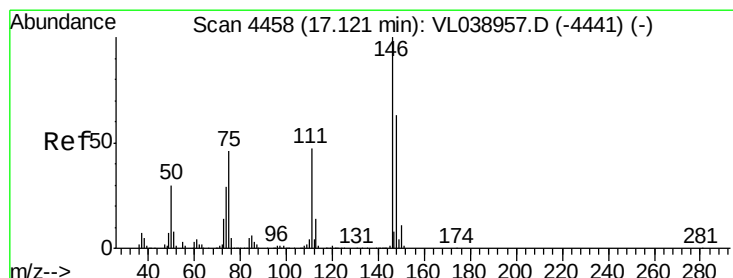
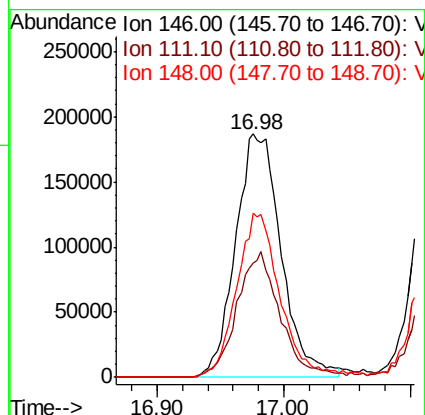
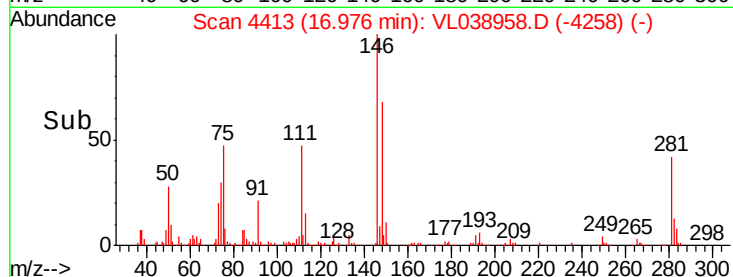
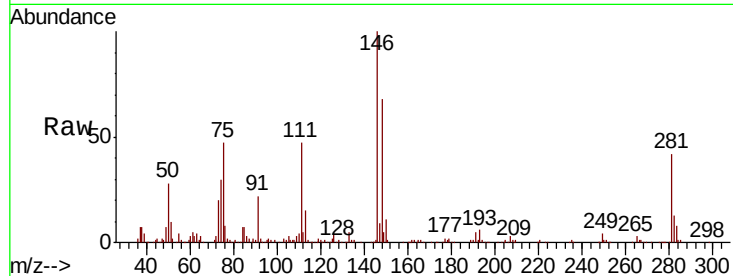


#75
 1,3-Dichlorobenzene
 Concen: 1.997 ppbv m
 RT: 16.98
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:1
 Ion Rati
 146 100
 111 0.
 148 65.

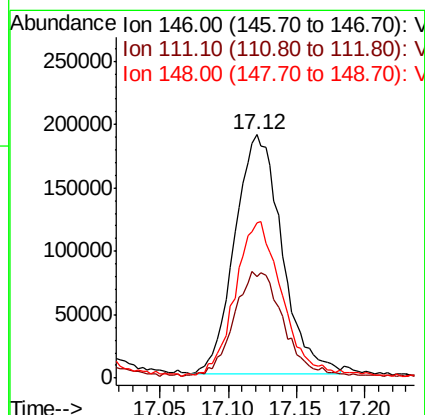
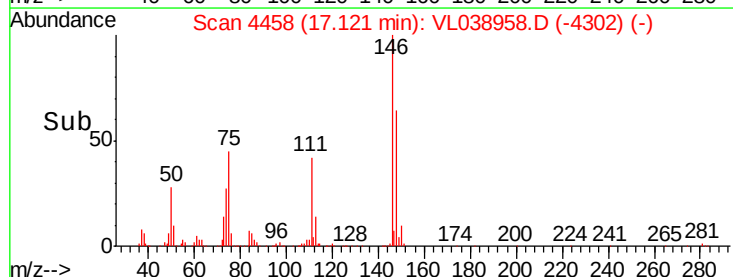
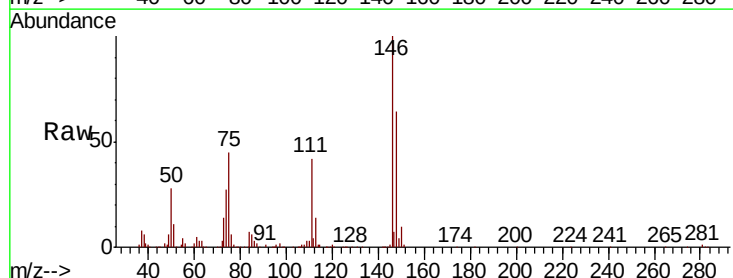
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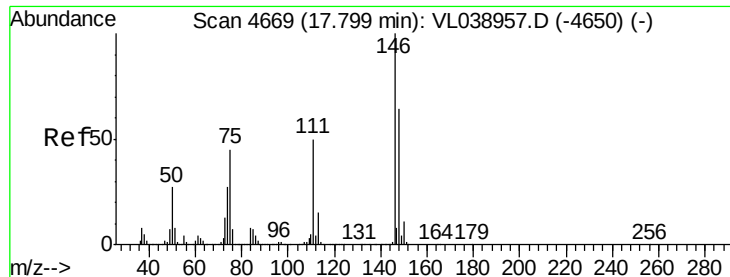
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#76
 1,4-Dichlorobenzene
 Concen: 1.952 ppbv
 RT: 17.12 min Scan# 4458
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:146 Resp: 455217
 Ion Ratio Lower Upper
 146 100
 111 49.6 23.6 71.0
 148 66.7 32.2 96.6



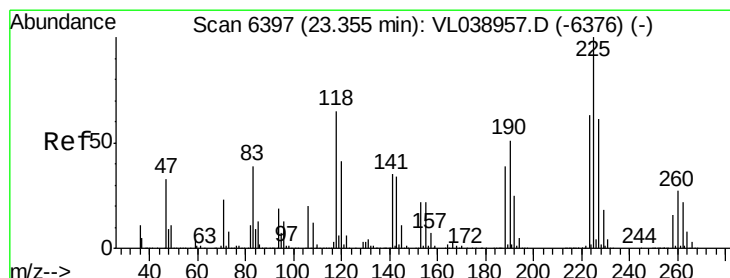
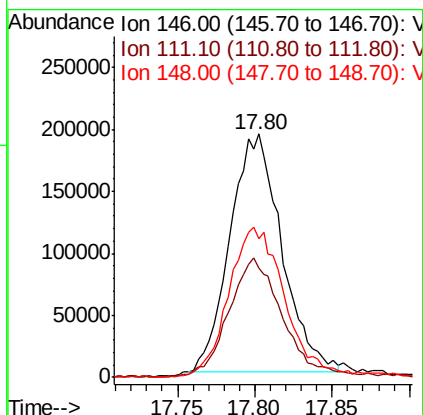
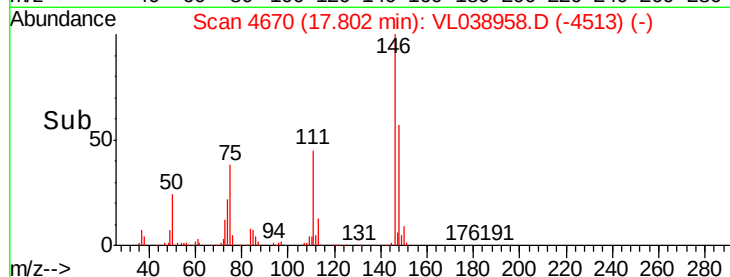
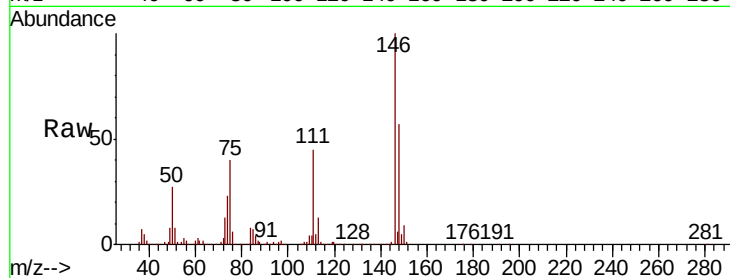


#77
 1,2-Dichlorobenzene
 Concen: 2.010 ppbv
 RT: 17.80 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3:24

Tot Ion:1
 Ion Rati
 146 100
 111 53.
 148 69.

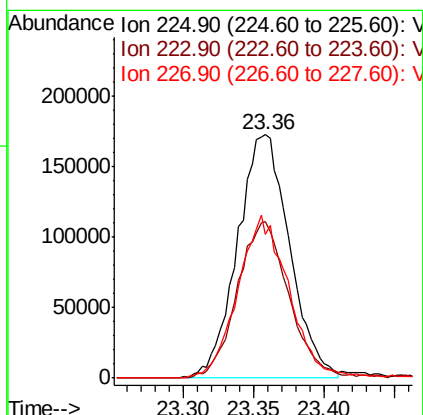
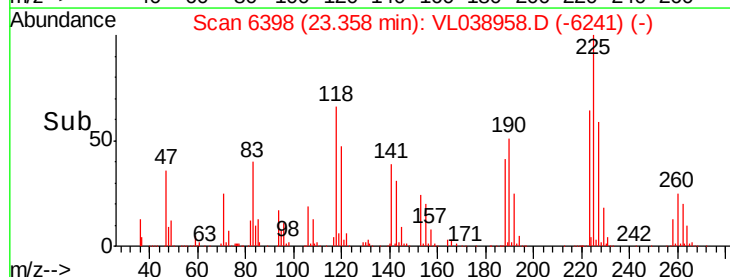
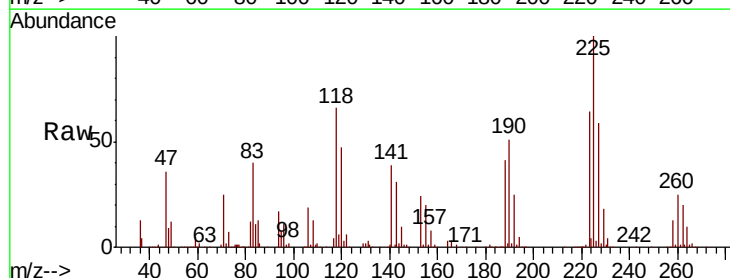
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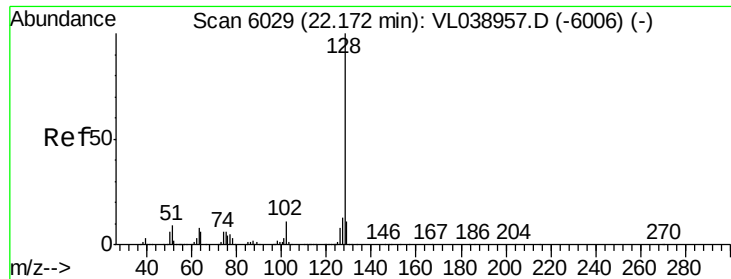
Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 2.209 ppbv
 RT: 23.36 min Scan# 6398
 Delta R.T. 0.00 min
 Lab File: VL038958.D
 Acq: 5 May 2022 3:24

Tgt Ion:225 Resp: 440595
 Ion Ratio Lower Upper
 225 100
 223 64.5 51.4 77.0
 227 66.4 51.4 77.0



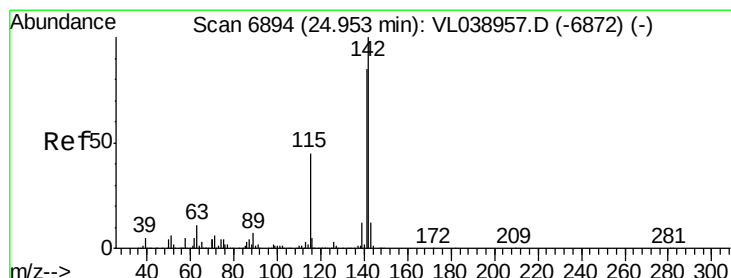
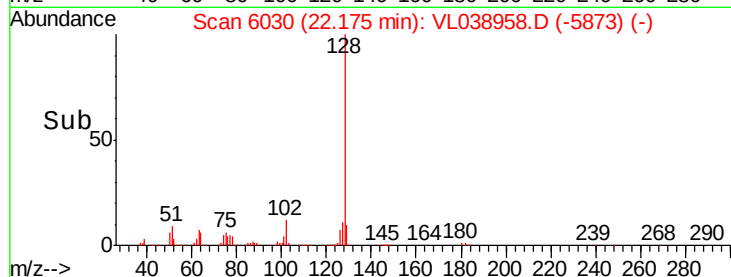
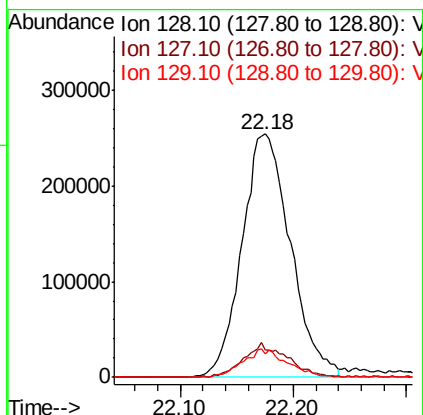
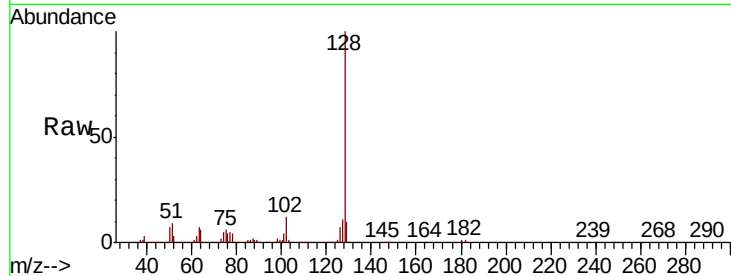


#79
Naphthalene
Concen: 2.930 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.: 0.00 min
Lab File: VSTDIC002
Acq: 5 May 2022 3:24

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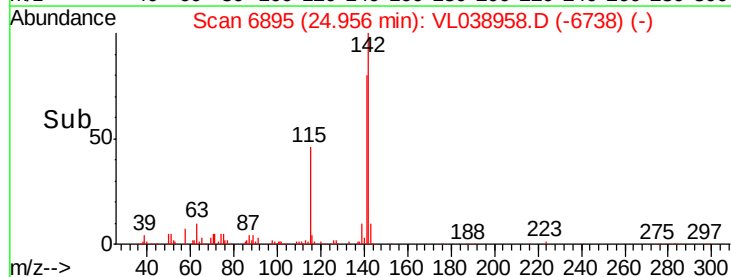
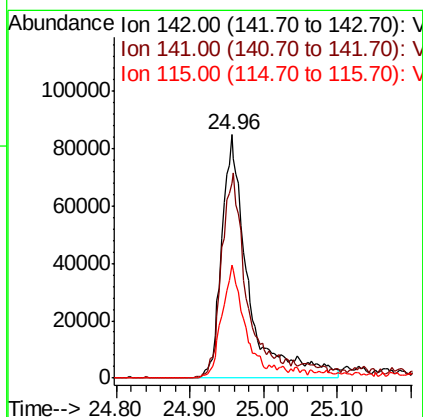
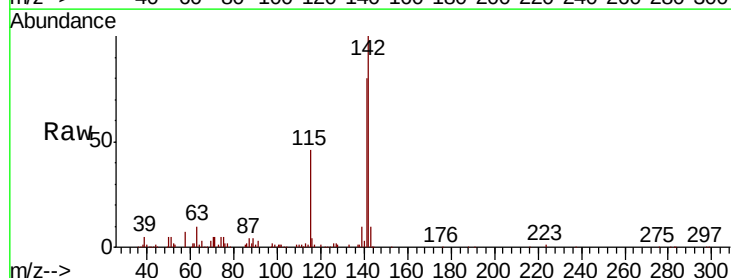
Reviewed By :Semsettin Yesilyurt 05/07/2022
Supervised By :Mahesh Dadoda 05/09/2022

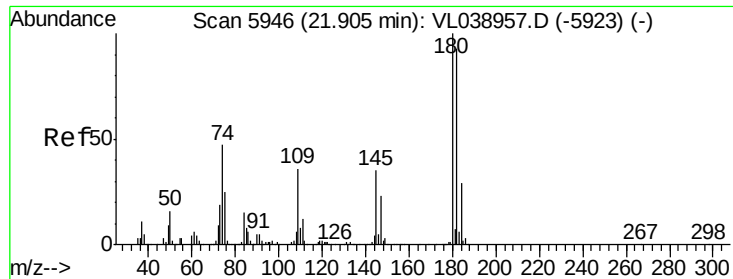
Tot Ion:1
Ion Ratio
128 100
127 11.
129 9.



#80
Naphthalene, 2-methyl-
Concen: 3.811 ppbv
RT: 24.96 min Scan# 6895
Delta R.T.: 0.00 min
Lab File: VL038958.D
Acq: 5 May 2022 3:24

Tgt Ion:142 Resp: 214295
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 41.6 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 2.609 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC002
 Acq: 5 May 2022 3.24

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 30.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/07/2022
 Supervised By :Mahesh Dadoda 05/09/2022

