

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039204.D
 Acq On : 7 Jun 2022 11:12
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 05:08:45 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1148512	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3243915	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3201257m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2404824	9.09	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	2016846	9.998	ppbv 98
3) Chlorodifluoromethane	2.99	51	1468358	10.048	ppbv 94
4) Chloromethane	3.14	50	711474	9.478	ppbv 100
5) Vinyl Chloride	3.26	62	727892	10.373	ppbv 99
6) Bromomethane	3.48	94	336341	9.743	ppbv 98
7) Chloroethane	3.56	64	248439	10.161	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	1748909	9.486	ppbv 93
9) Propene	3.01	41	702551	11.026	ppbv 100
10) Heptane	8.12	43	1751009	11.780	ppbv 99
11) Trichlorofluoromethane	3.95	101	1634155	8.949	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1183545	9.801	ppbv 98
13) Ethanol	3.61	45	33473	9.632	ppbv # 100
14) Bromoethene	3.74	108	544501	10.030	ppbv 99
15) Acetone	3.85	43	1248882	10.439	ppbv 100
16) 1,3-Butadiene	3.33	39	666444	10.362	ppbv 98
17) tert-Butyl alcohol	4.28	59	1145692	12.346	ppbv 98
18) 1,1-Dichloroethene	4.29	96	538188	9.935	ppbv 99
19) Isopropyl Alcohol	3.96	45	609056	10.854	ppbv 100
20) Methylene Chloride	4.34	84	432663	8.582	ppbv 94
21) Allyl Chloride	4.41	41	804607	9.970	ppbv 98
22) trans-1,2-Dichloroethene	4.88	96	548195	10.518	ppbv 98
23) Vinyl Acetate	5.07	43	739439	7.470	ppbv 98
24) 1,1-Dichloroethane	5.01	63	1073744	7.917	ppbv 98
25) Ethyl Acetate	5.67	43	3278909	12.160	ppbv 99
26) Hexane	5.69	57	1301790	10.986	ppbv 91
27) Carbon Disulfide	4.55	76	1274643	10.379	ppbv 98
28) Methyl tert-Butyl Ether	5.03	73	1026690	7.848	ppbv 99
29) Chloroform	5.75	83	2024424	10.153	ppbv 99
30) Cyclohexane	7.13	84	1167378	11.727	ppbv 93
31) cis-1,2-Dichloroethene	5.55	61	1276012	10.561	ppbv 93
32) 1,1,1-Trichloroethane	6.51	97	2029112	10.399	ppbv 98
34) 2-Butanone	5.24	43	1724441	9.785	ppbv 97
35) Carbon Tetrachloride	7.02	117	2059303	8.698	ppbv 97
36) Benzene	6.89	78	2800970	10.636	ppbv 95
37) 1,2-Dichloroethane	6.30	62	1413572	8.156	ppbv # 94
38) Trichloroethene	7.83	130	1139307	9.418	ppbv 98
39) 1,2-Dichloropropane	7.61	63	1059116	10.111	ppbv 92
40) 1,4-Dioxane	7.82	88	390355	11.319	ppbv # 1
41) Tetrahydrofuran	6.04	42	1118009	10.548	ppbv 99
42) Bromodichloromethane	7.79	83	2215187	9.209	ppbv 99
43) Methyl Methacrylate	8.01	69	1201625	11.714	ppbv 93

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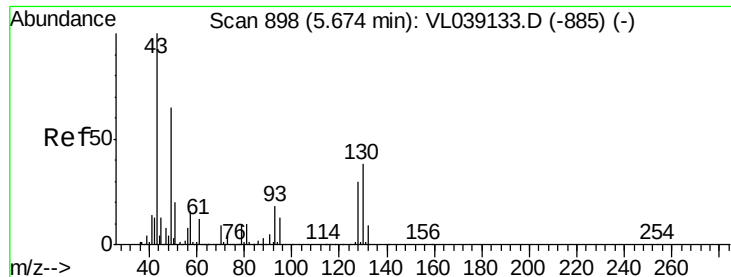
Manual Integrations
 APPROVED

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4582721	9.947	ppbv	98
45) t-1,3-Dichloropropene	9.28	75	909822	8.516	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1283114	9.091	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	1177012	10.770	ppbv	98
48) Dibromochloromethane	10.30	129	1941838	9.951	ppbv	99
49) Bromoform	13.03	173	1661048	10.214	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	2747783	10.416	ppbv	97
51) 2-Hexanone	10.12	43	2145387	10.452	ppbv #	98
52) Tetrachloroethene	11.21	164	1056323	10.273	ppbv	97
53) Toluene	9.80	91	3282770	10.825	ppbv	98
54) 1,2-Dibromoethane	10.60	107	1657807	11.289	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.12	131	1474748	9.736	ppbv	99
57) Chlorobenzene	12.14	112	2418222	10.040	ppbv	95
58) Ethyl Benzene	12.70	91	4474662	10.148	ppbv	100
59) m/p-Xylene	12.99	91	7366282m	18.970	ppbv	
60) o-Xylene	13.68	91	3524642	9.660	ppbv	98
61) Styrene	13.52	104	2132599	10.914	ppbv	93
62) Isopropylbenzene	14.66	105	5493784	10.130	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2362640	11.536	ppbv	100
64) n-propylbenzene	15.55	120	1468575	11.016	ppbv	88
65) tert-Butylbenzene	16.73	119	4821326	9.722	ppbv	95
66) Benzyl Chloride	16.98	91	356728	5.532	ppbv	99
67) sec-Butylbenzene	17.28	105	6839954	10.109	ppbv	98
69) p-Isopropyltoluene	17.64	119	5767272	10.103	ppbv	97
70) n-Butylbenzene	18.54	91	5930128	10.120	ppbv	99
71) 2-Chlorotoluene	15.44	91	4178703	10.104	ppbv	99
72) 4-Ethyltoluene	15.83	105	4435366	10.372	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	3900628	10.113	ppbv	99
74) 1,2,4-Trimethylbenzene	16.75	105	4157352	9.658	ppbv	94
75) 1,3-Dichlorobenzene	16.98	146	2474149	10.155	ppbv	99
76) 1,4-Dichlorobenzene	17.12	146	2430585	9.999	ppbv	97
77) 1,2-Dichlorobenzene	17.80	146	2472091	10.067	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	1909079	8.502	ppbv	99
79) Naphthalene	22.18	128	3655273	11.031	ppbv	99
80) Naphthalene,2-methyl-	24.96	142	940196	7.637	ppbv	93
81) 1,2,4-Trichlorobenzene	21.91	180	2053047	9.780	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 7 Jun 2022 11:12

Tot Ion:

Ion Ratio

49 100

128 53.

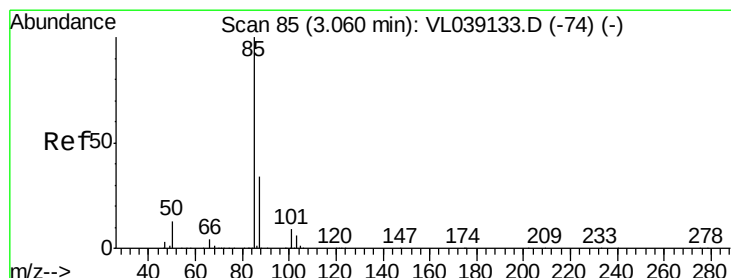
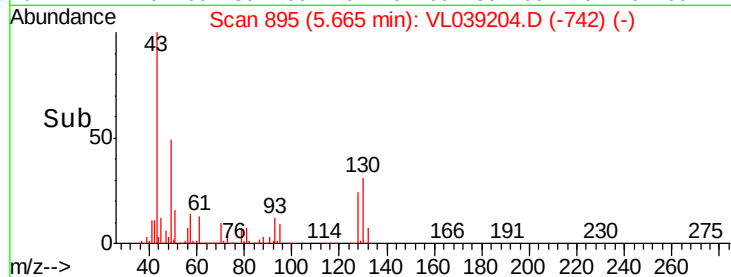
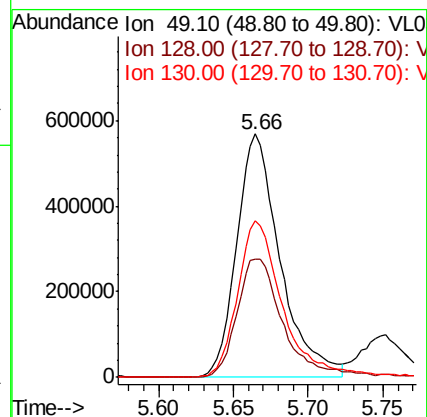
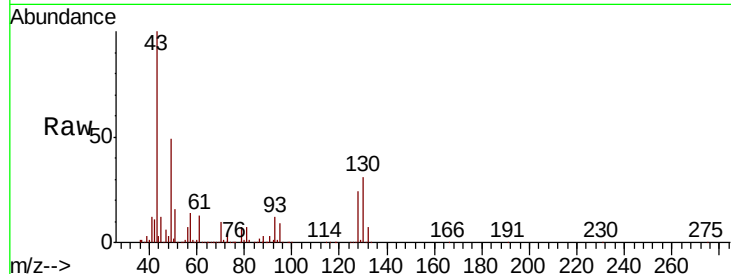
130 67.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 9.998 ppbv

RT: 3.05 min Scan# 83

Delta R.T. -0.01 min

Lab File: VL039204.D

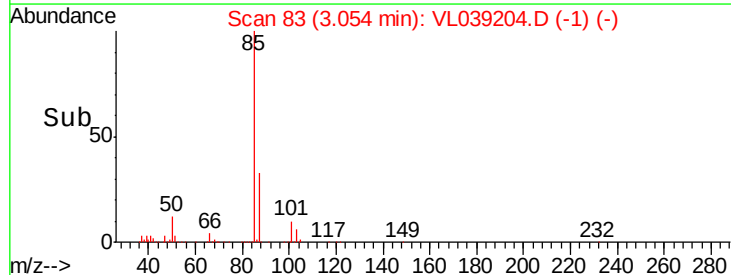
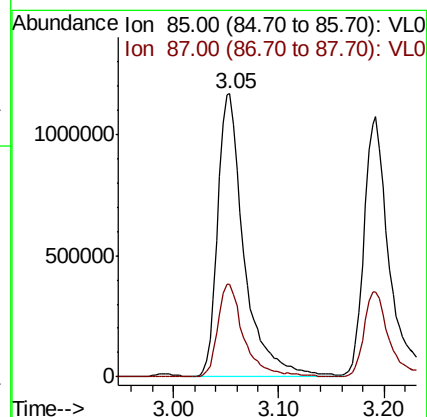
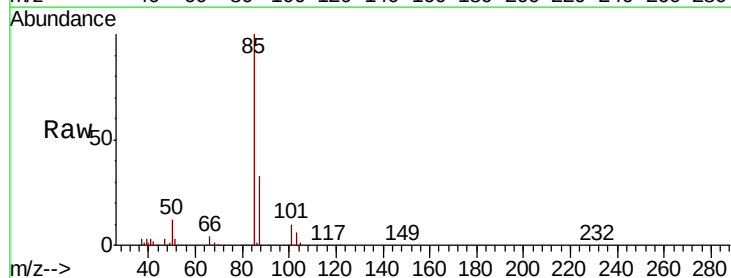
Acq: 7 Jun 2022 11:12

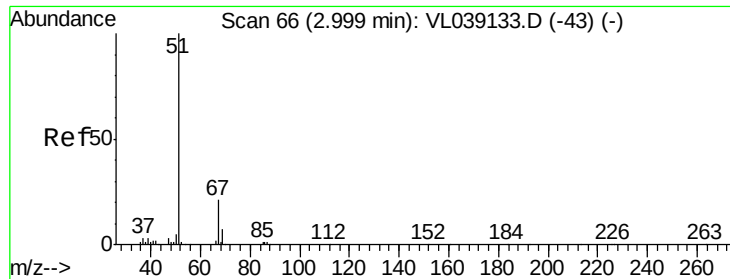
Tgt Ion: 85 Resp: 2016846

Ion Ratio Lower Upper

85 100

87 32.7 26.9 40.3





#3

Chlorodifluoromethane

Concen: 10.048 ppbv

RT: 2.99 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 7 Jun 2022 11:12

Tot Ion:

Ion Ratio

51 100

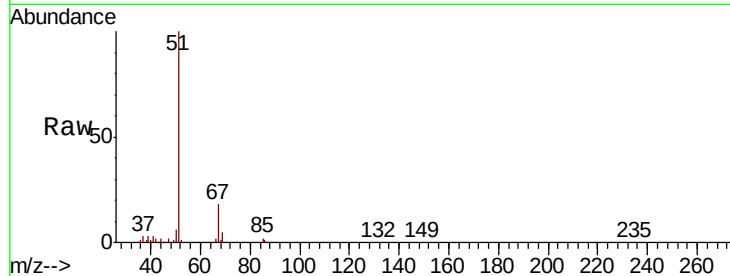
67 17.

Manual Integrations

APPROVED

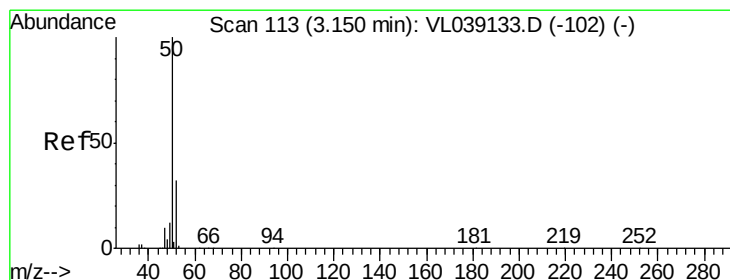
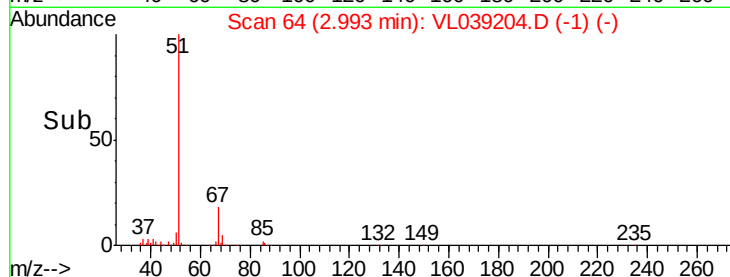
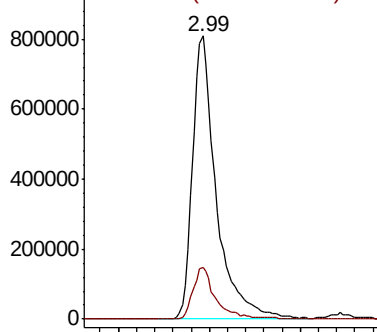
Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.478 ppbv

RT: 3.14 min Scan# 111

Delta R.T. -0.01 min

Lab File: VL039204.D

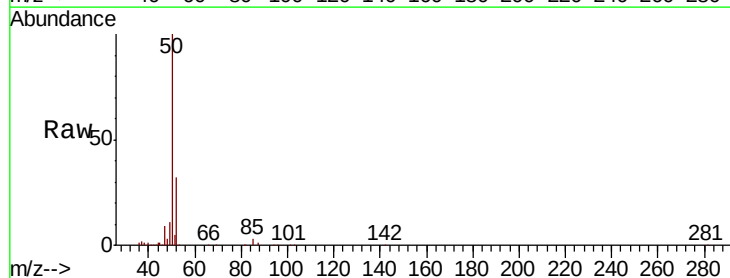
Acq: 7 Jun 2022 11:12

Tgt Ion: 50 Resp: 711474

Ion Ratio Lower Upper

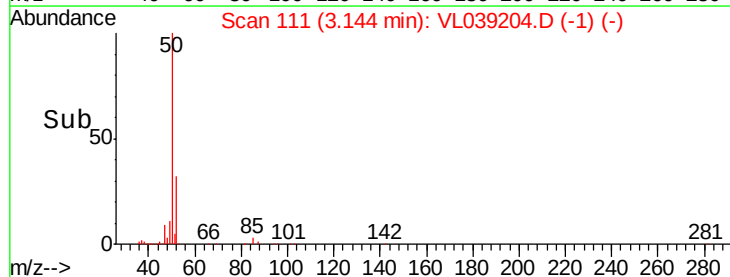
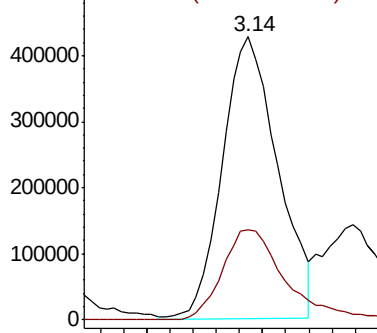
50 100

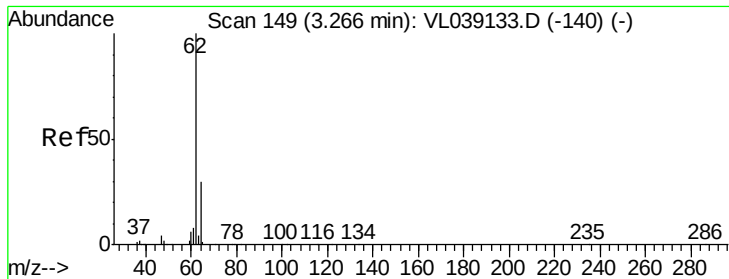
52 32.2 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 10.373 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

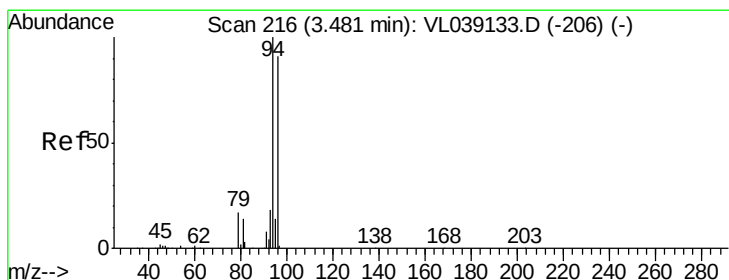
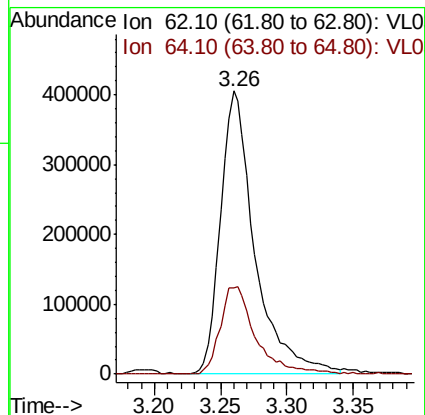
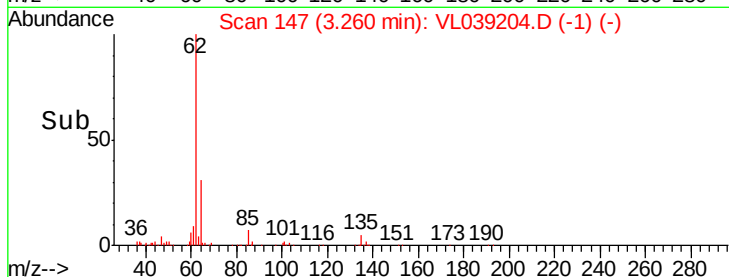
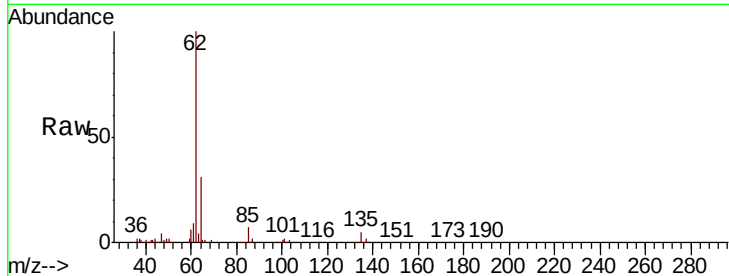
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 9.743 ppbv

RT: 3.48 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL039204.D

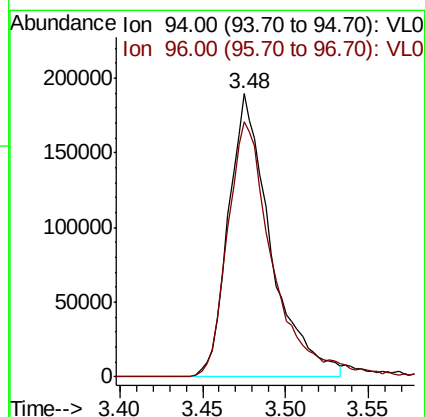
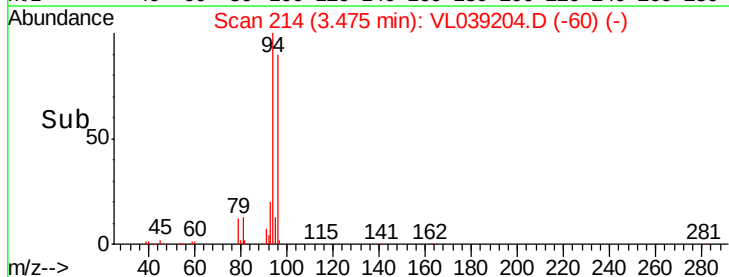
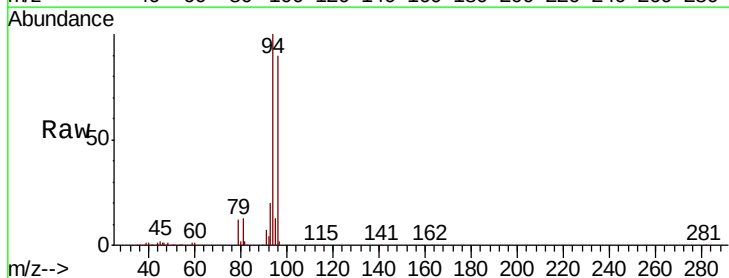
Acq: 7 Jun 2022 11:12

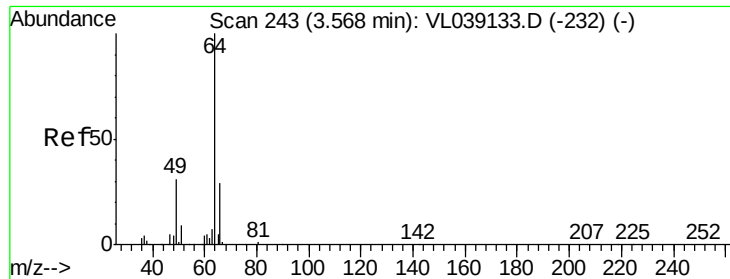
Tgt Ion: 94 Resp: 336341

Ion Ratio Lower Upper

94 100

96 89.7 73.0 109.4





#7

Chloroethane

Concen: 10.161 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

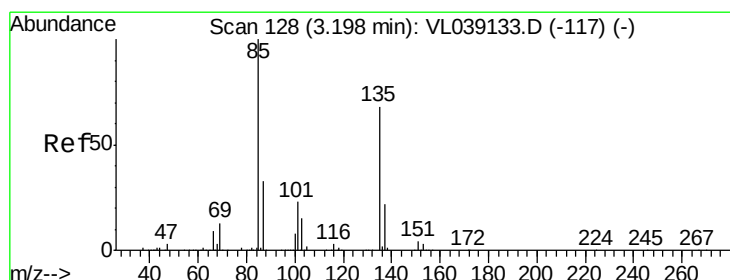
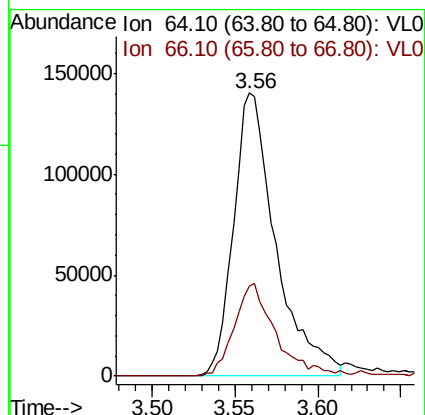
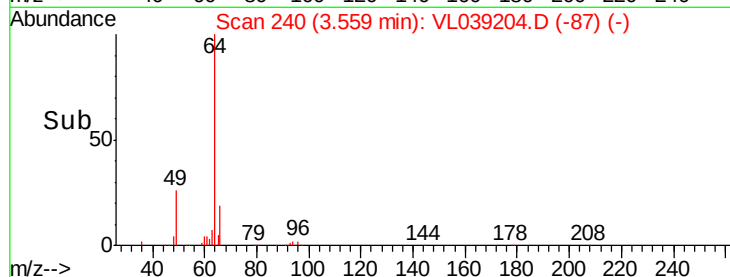
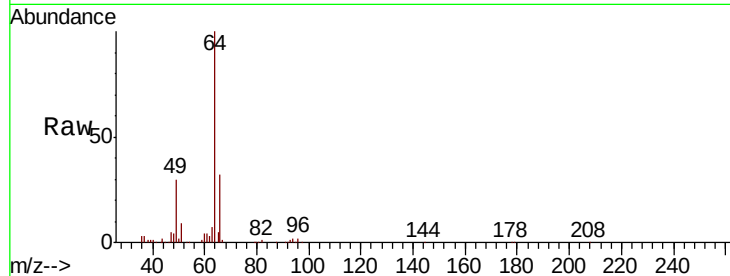
66 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#8

Dichlorotetrafluoroethane

Concen: 9.486 ppbv

RT: 3.19 min Scan# 126

Delta R.T. -0.01 min

Lab File: VL039204.D

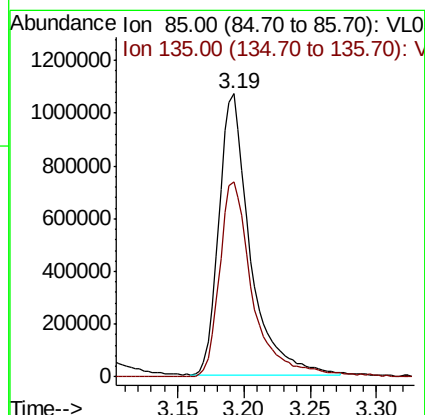
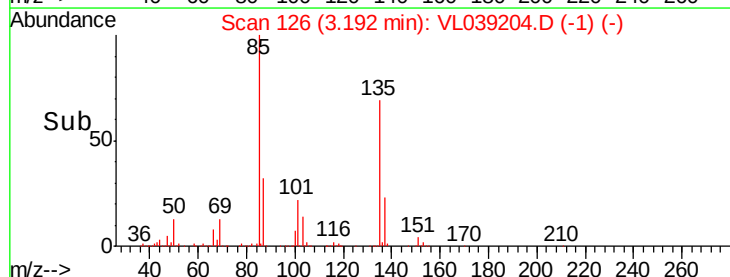
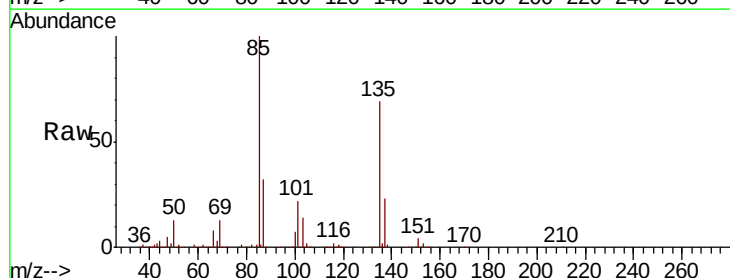
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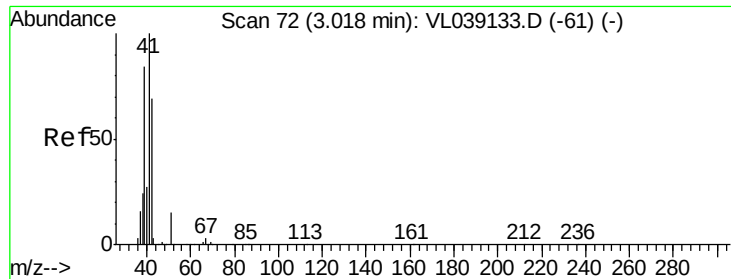
Tgt Ion: 85 Resp: 1748909

Ion Ratio Lower Upper

85 100

135 74.4 55.0 82.4



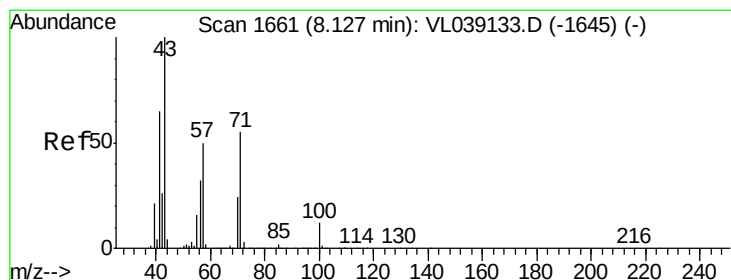
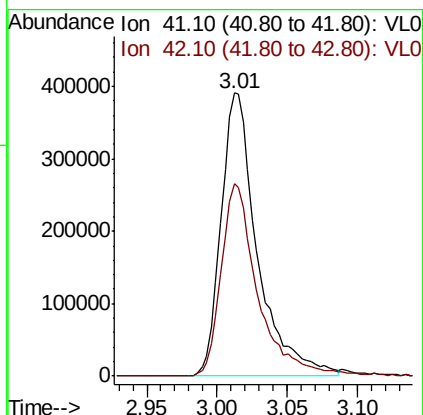
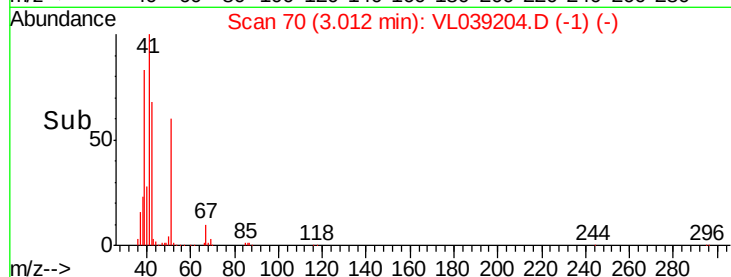
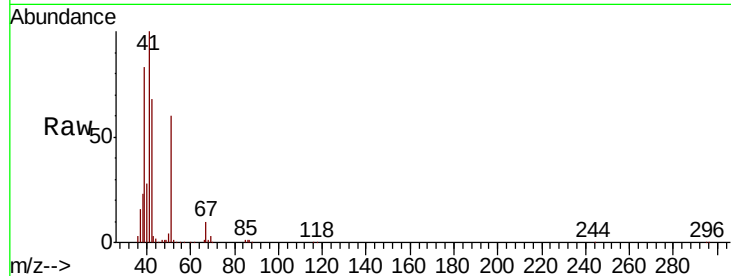


#9
 Propene
 Concen: 11.026 ppbv
 RT: 3.01 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 41 100
 42 69.

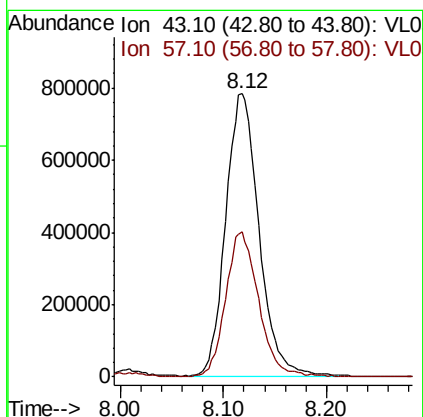
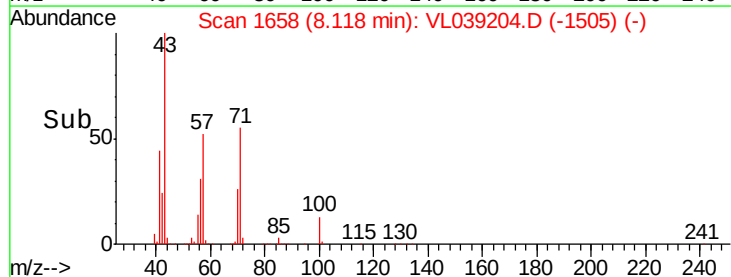
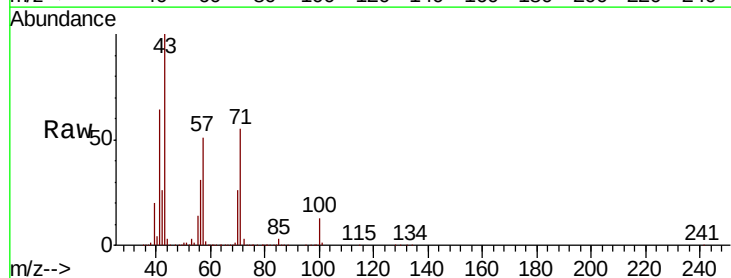
Manual Integrations
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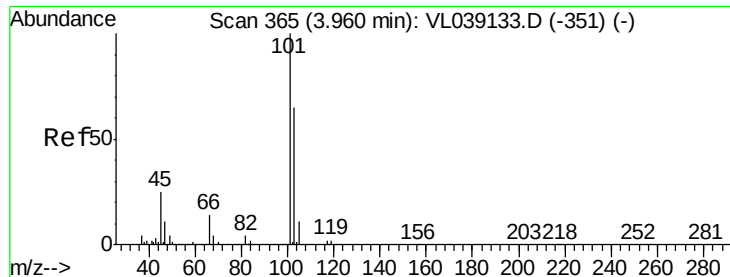
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#10
 Heptane
 Concen: 11.780 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 43 Resp: 1751009
 Ion Ratio Lower Upper
 43 100
 57 51.1 41.4 62.2



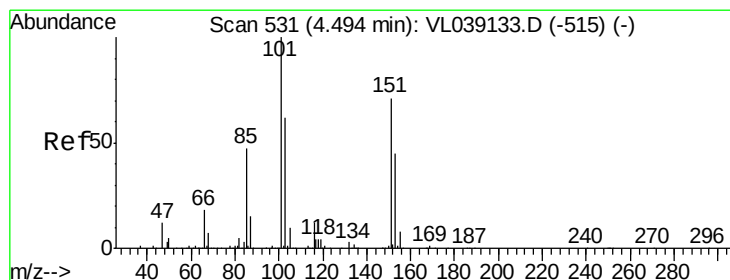
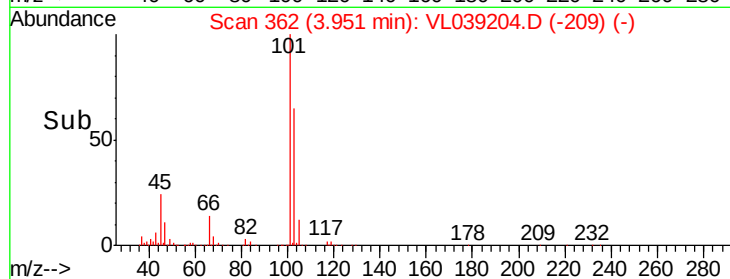
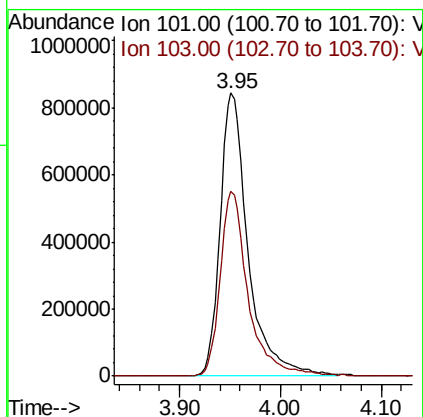
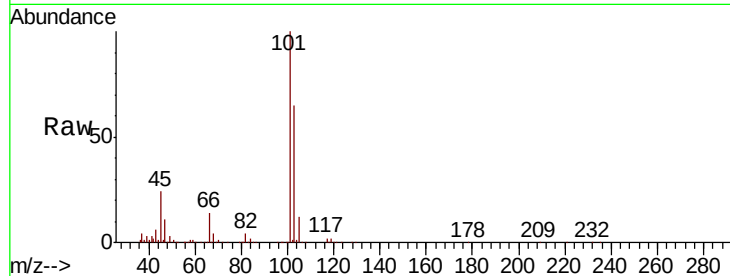


#11
 Trichlorofluoromethane
 Concen: 8.949 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:1
 Ion Ratio
 101 100
 103 65.

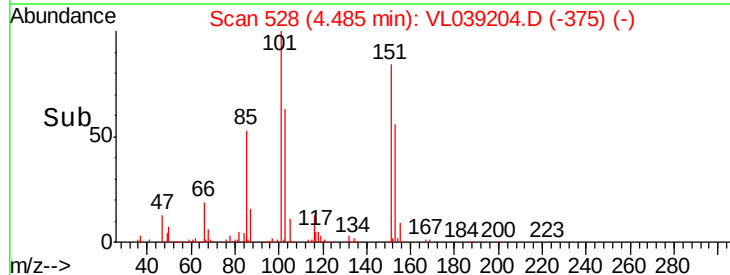
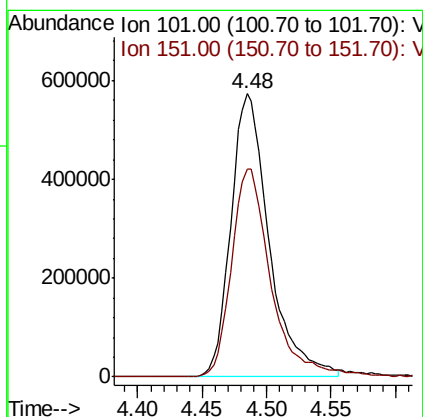
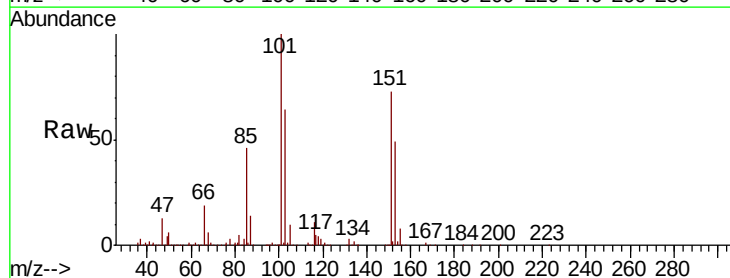
Manual Integrations
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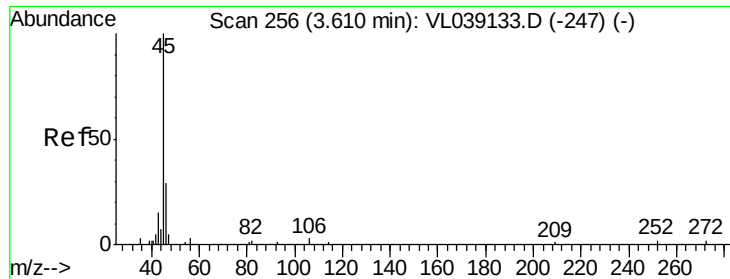
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.801 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:101 Resp: 1183545
 Ion Ratio Lower Upper
 101 100
 151 76.1 59.4 89.0



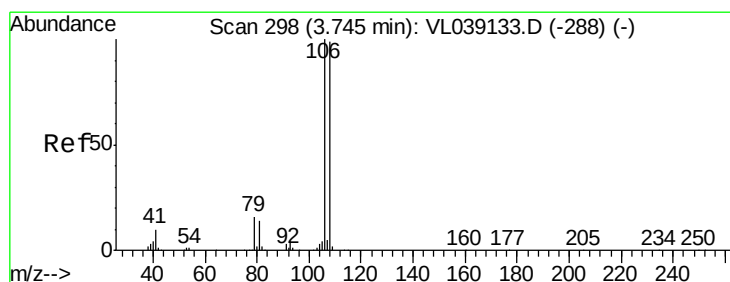
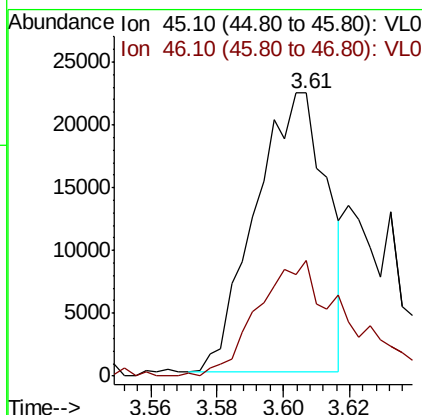
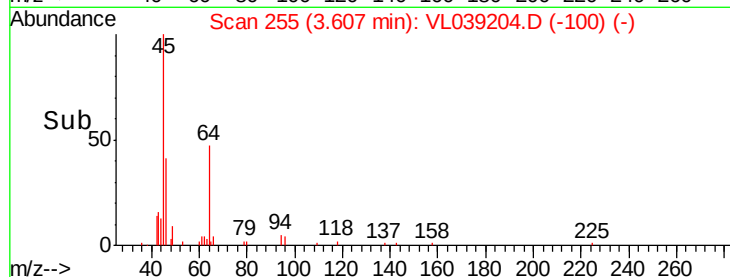
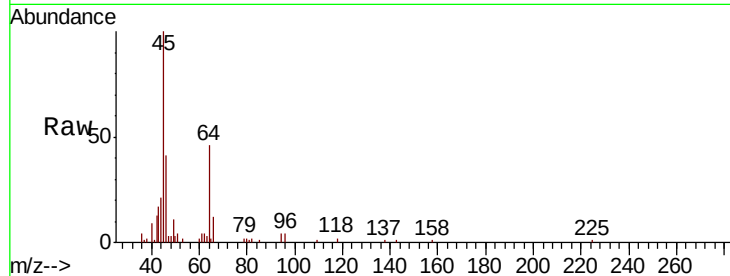


#13
Ethanol
Concen: 9.632 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
45 100
46 61.

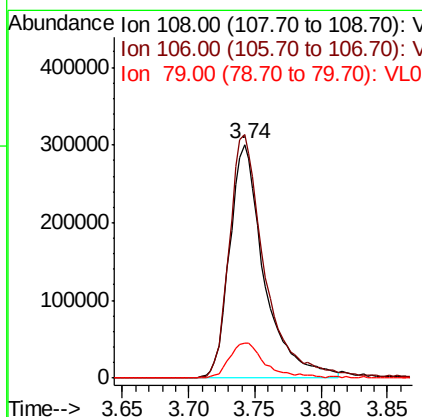
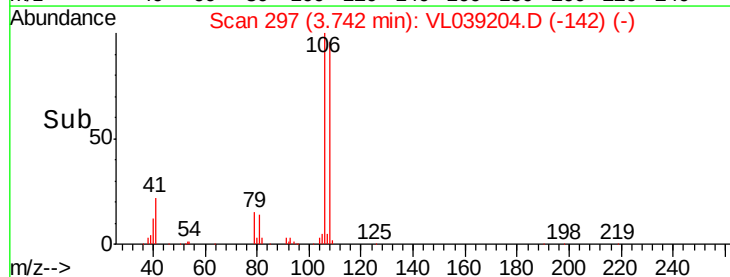
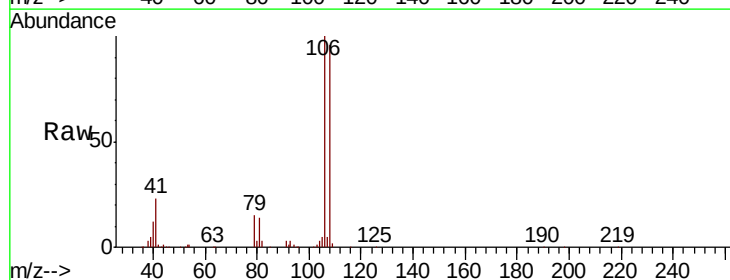
Manual Integrations
APPROVED

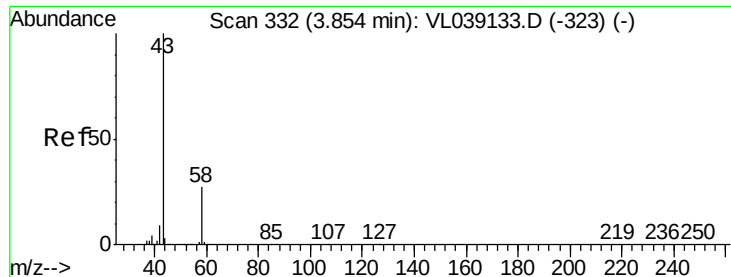
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Bromoethene
Concen: 10.030 ppbv
RT: 3.74 min Scan# 297
Delta R.T. -0.00 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion:108 Resp: 544501
Ion Ratio Lower Upper
108 100
106 108.9 88.4 132.6
79 16.5 13.4 20.2



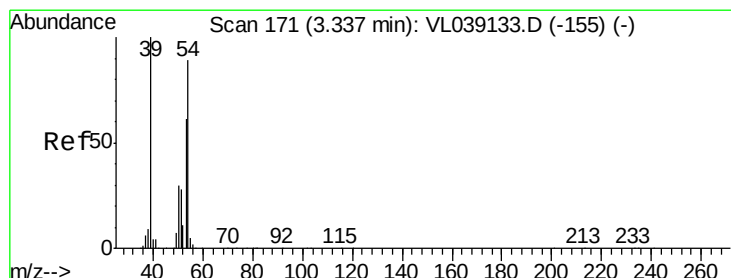
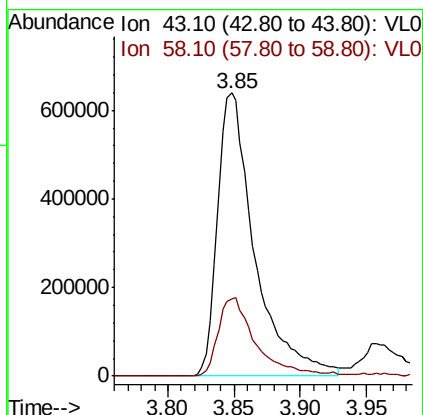
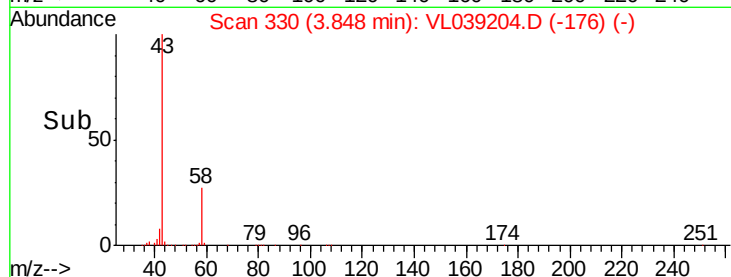
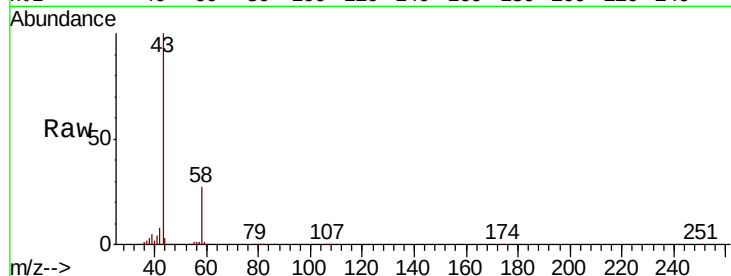


#15
Acetone
Concen: 10.439 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
43 100
58 28.

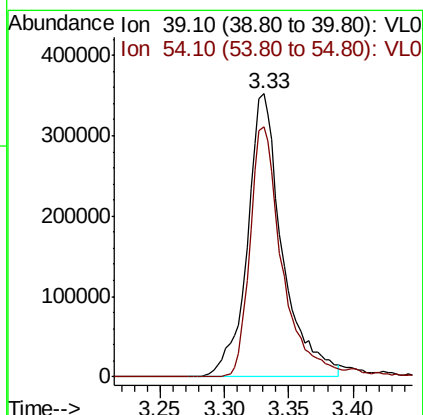
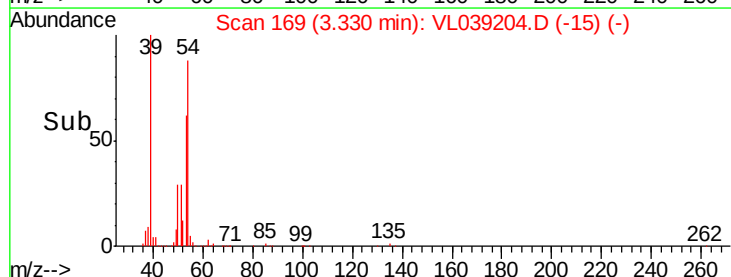
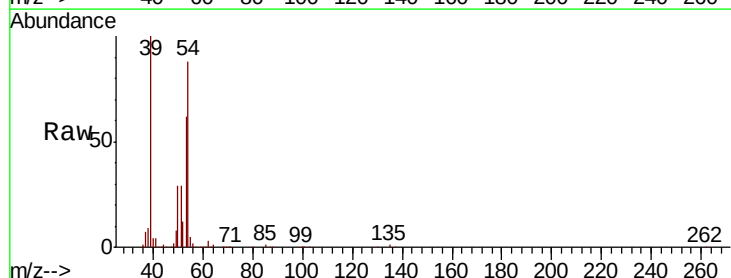
Manual Integrations
APPROVED

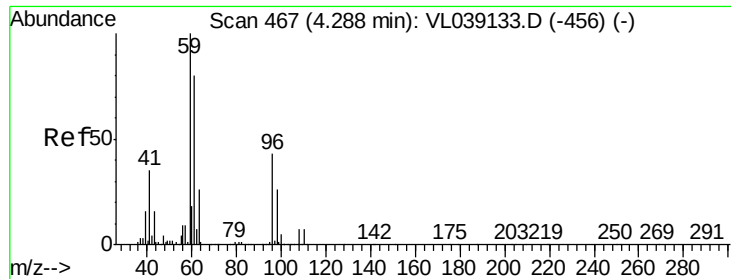
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#16
1,3-Butadiene
Concen: 10.362 ppbv
RT: 3.33 min Scan# 169
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 39 Resp: 666444
Ion Ratio Lower Upper
39 100
54 83.8 65.8 98.6





#17

tert-Butyl alcohol

Concen: 12.346 ppbv

RT: 4.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

59 100

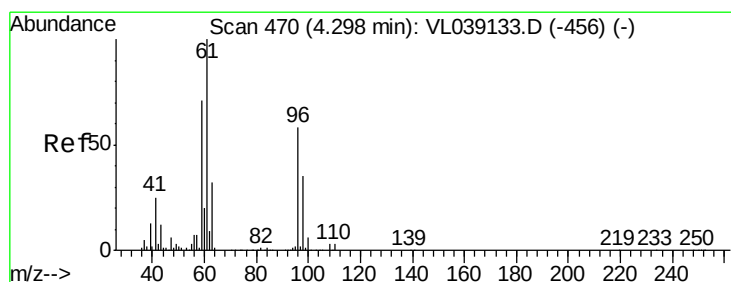
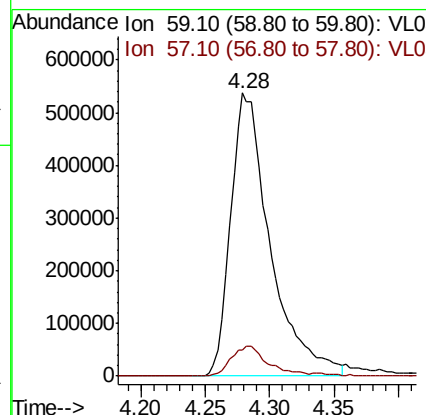
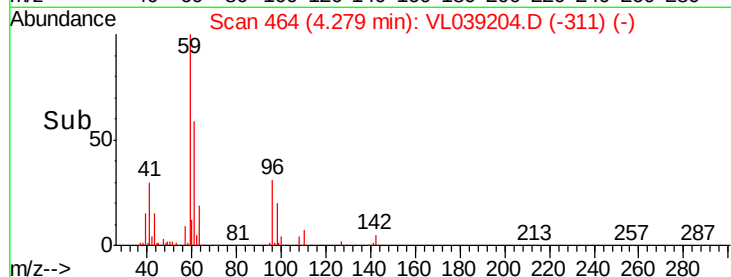
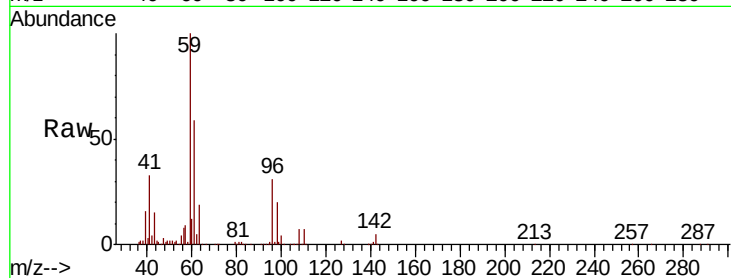
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#18

1,1-Dichloroethene

Concen: 9.935 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

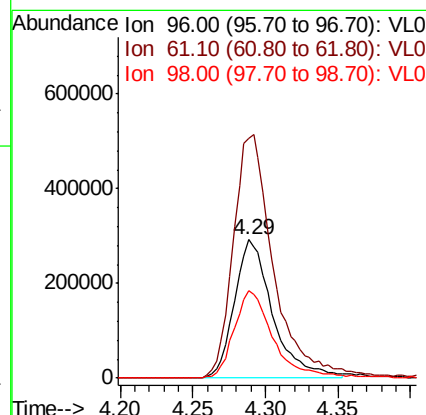
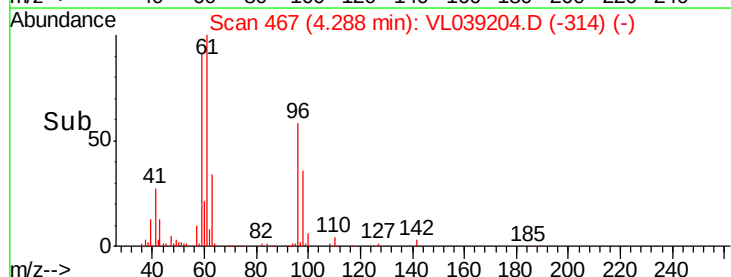
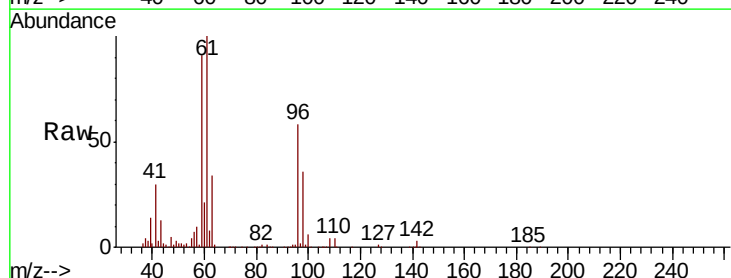
Tgt Ion: 96 Resp: 538188

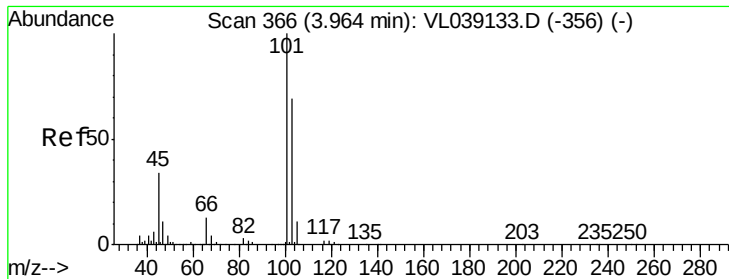
Ion Ratio Lower Upper

96 100

61 173.3 138.4 207.6

98 62.9 47.8 71.8





#19

Isopropyl Alcohol

Concen: 10.854 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 7 Jun 2022 11:12

Tot Ion:

Ion Ratio

45 100

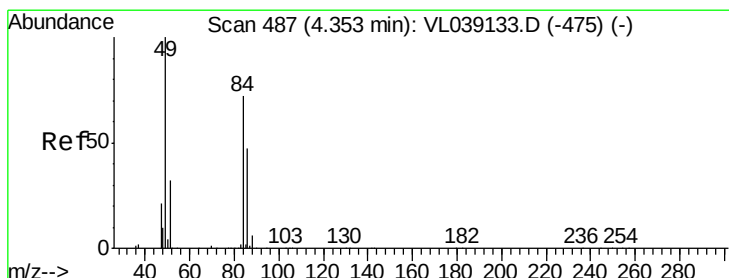
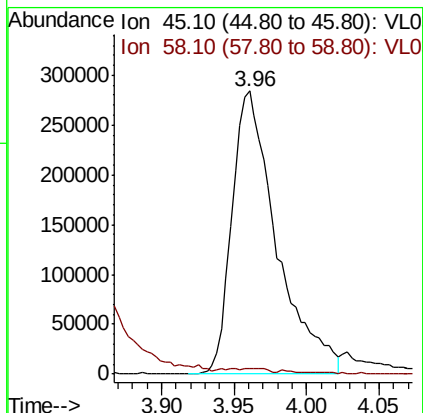
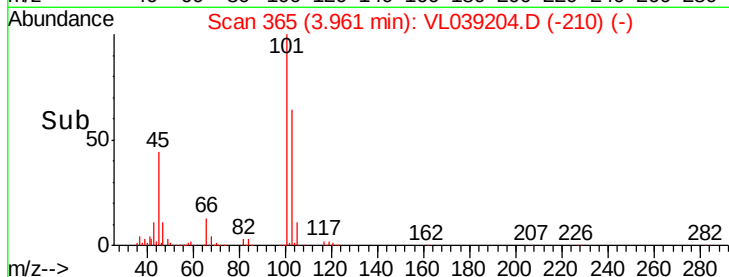
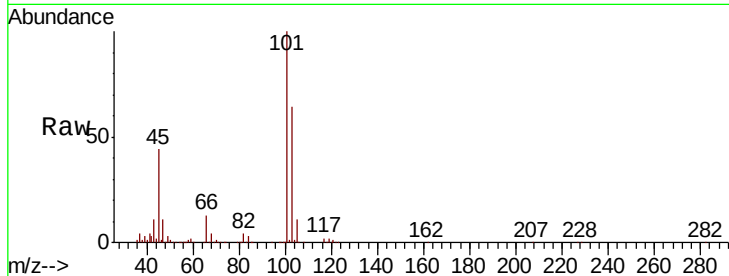
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 8.582 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

Tgt Ion: 84 Resp: 432663

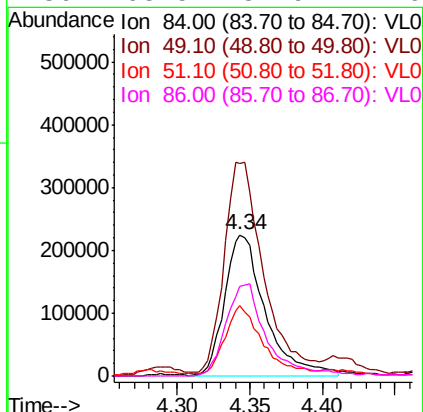
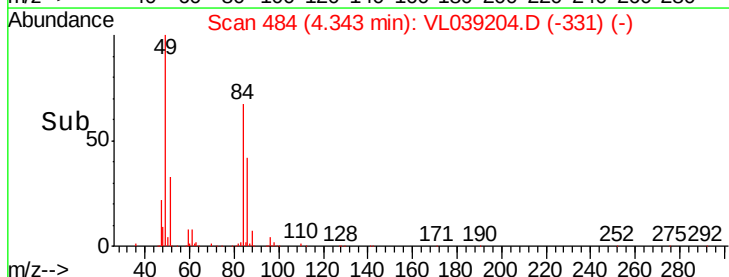
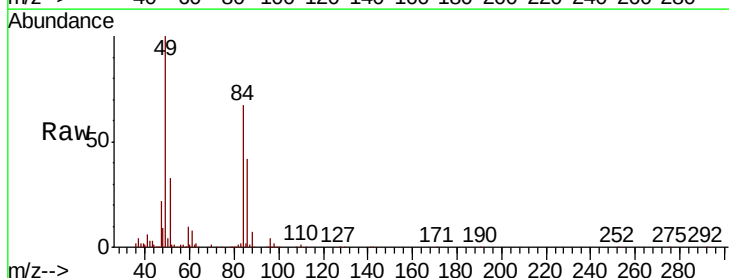
Ion Ratio Lower Upper

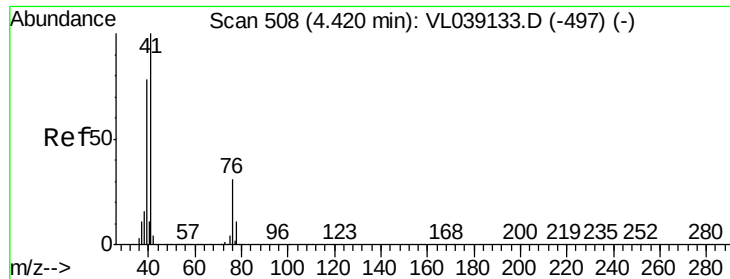
84 100

49 148.5 111.1 166.7

51 48.3 35.3 52.9

86 63.5 51.9 77.9



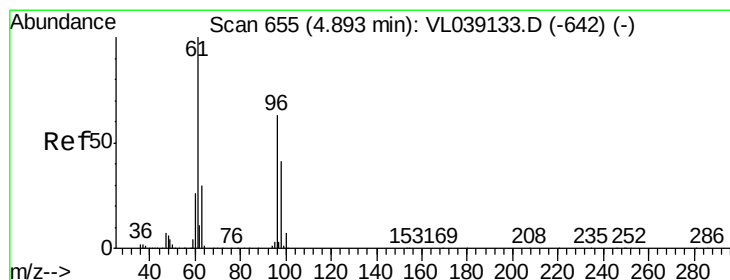
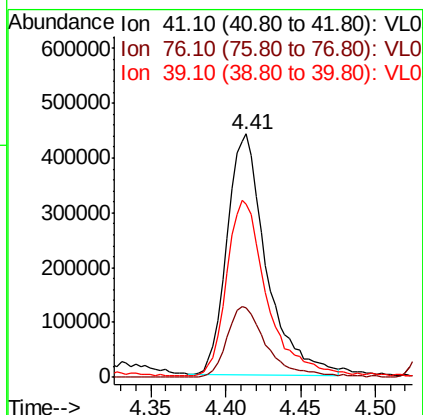
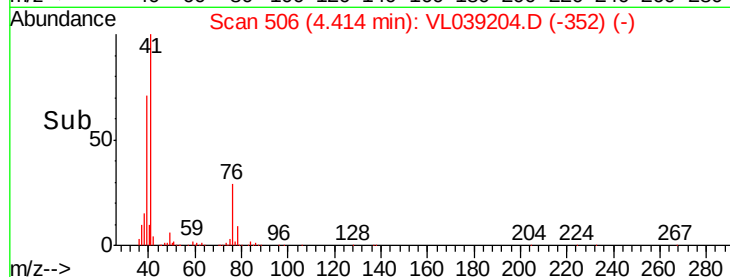
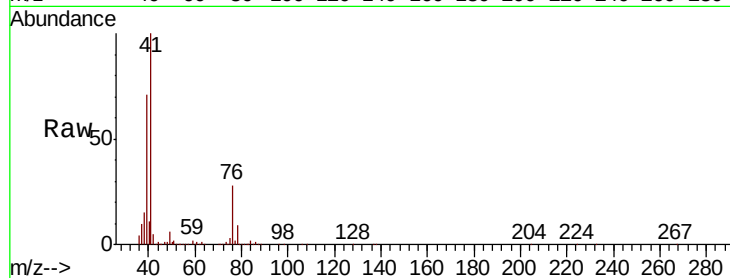


#21
 Allvl Chloride
 Concen: 9.970 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 41 100
 76 29.
 39 75.

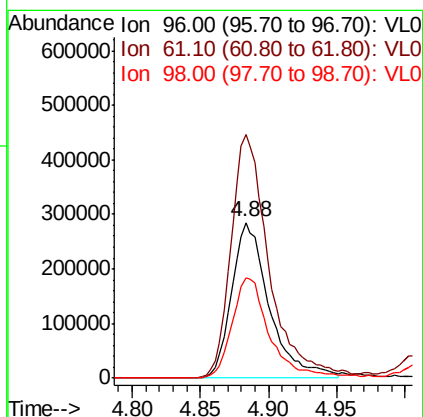
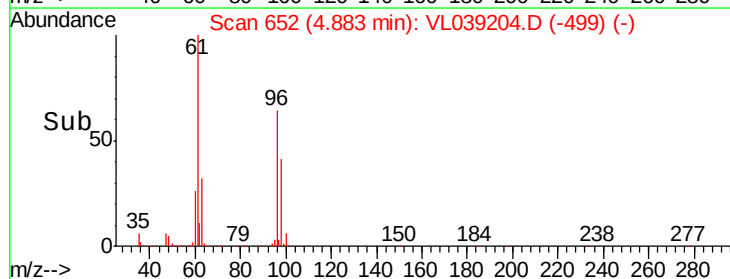
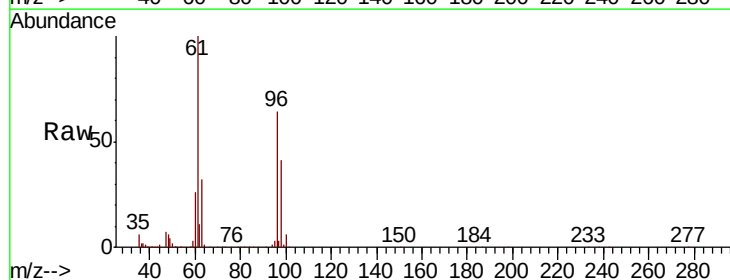
Manual Integrations
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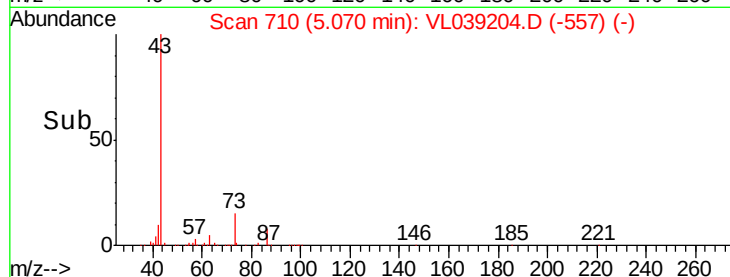
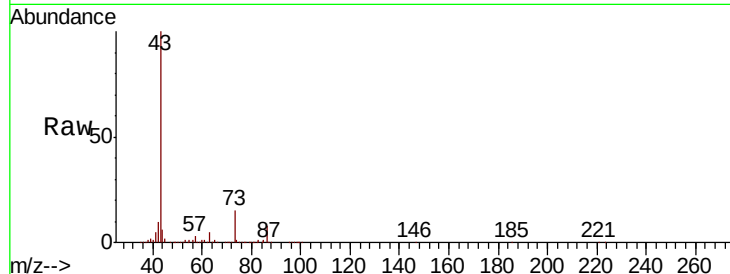
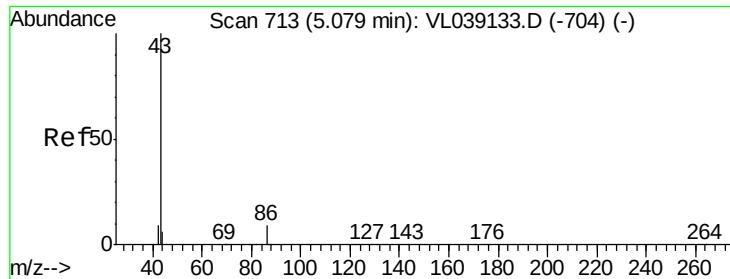
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.518 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 96 Resp: 548195
 Ion Ratio Lower Upper
 96 100
 61 156.4 126.6 190.0
 98 64.2 52.5 78.7



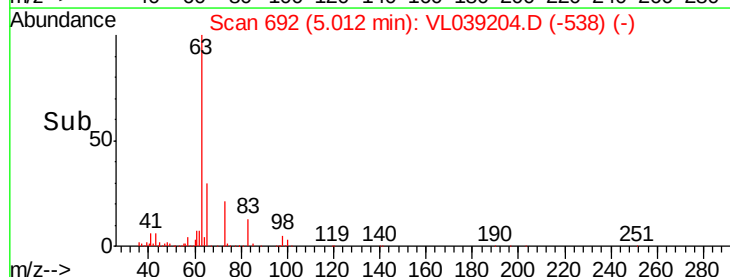
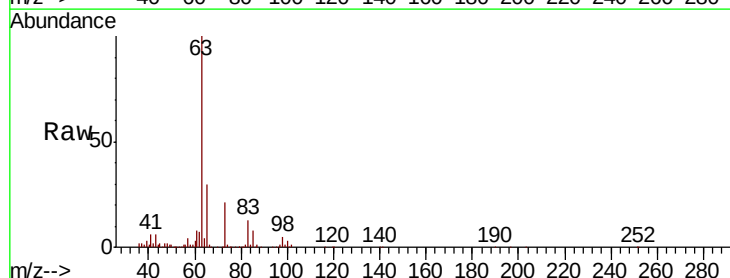
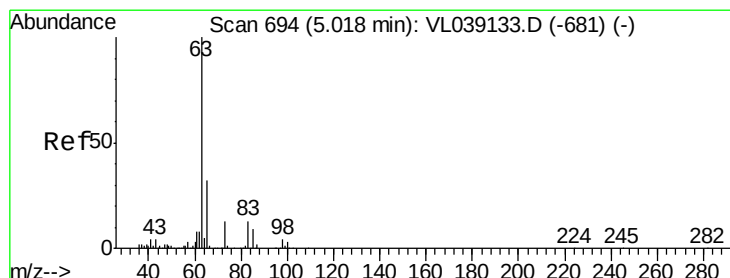
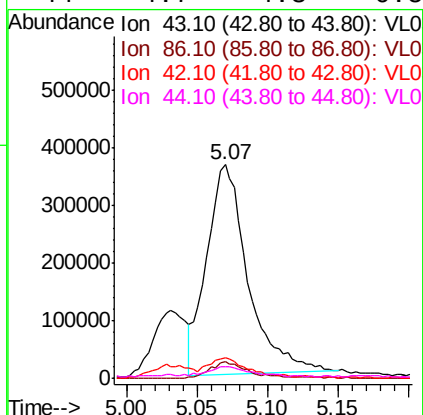


#23
 Vinyl Acetate
 Concen: 7.470 ppbv
 RT: 5.07
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 43 100
 86 8.
 42 9.
 44 4.7 4.3 6.5

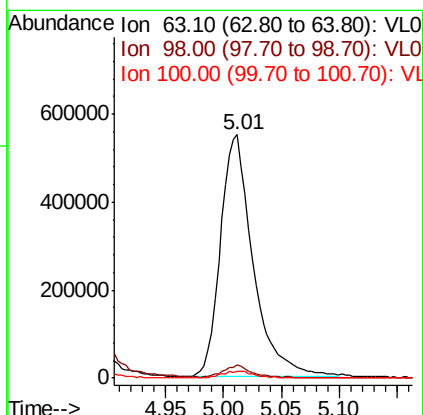
Manual Integrations
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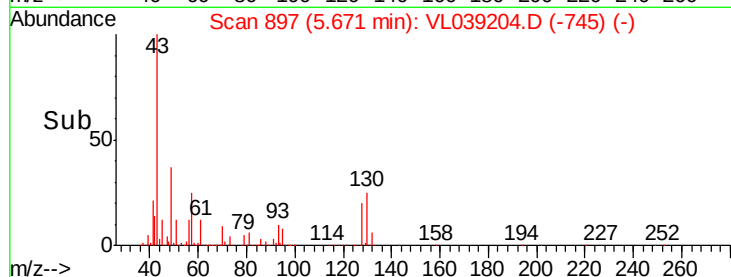
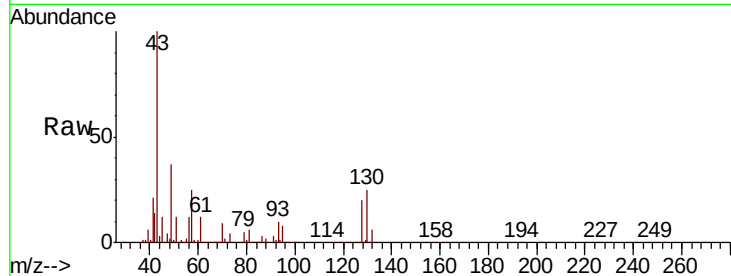
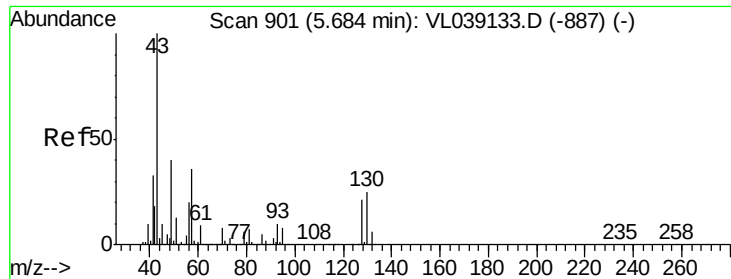
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#24
 1,1-Dichloroethane
 Concen: 7.917 ppbv
 RT: 5.01 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 63 Resp: 1073744
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.1 6.2
 100 2.7 1.5 4.5



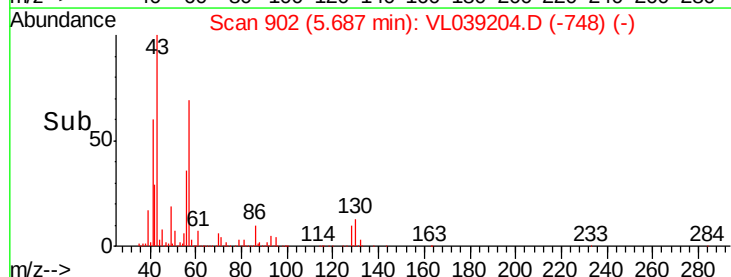
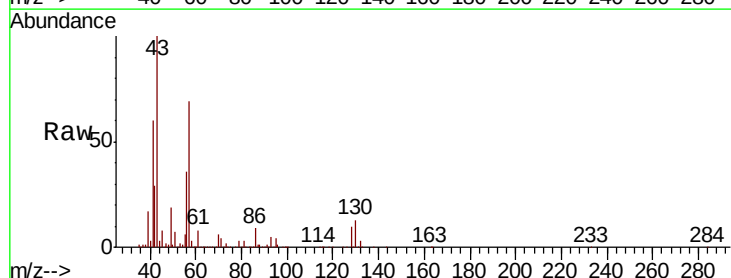
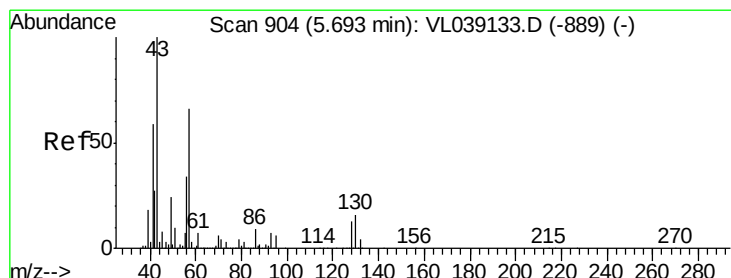
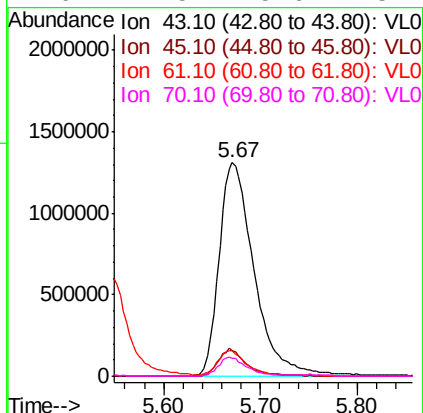


#25
Ethyl Acetate
Concen: 12.160 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.5 5.6 8.4

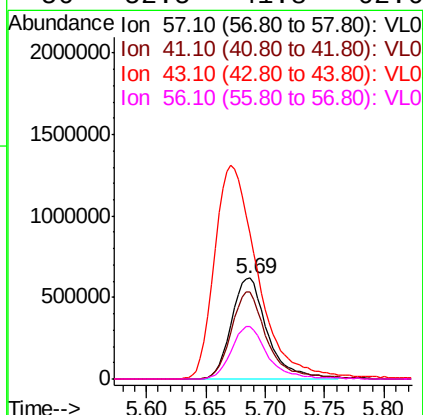
Manual Integrations
APPROVED

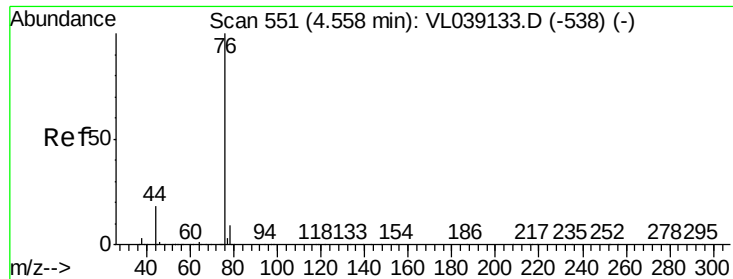
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 10.986 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 57 Resp: 1301790
Ion Ratio Lower Upper
57 100
41 86.7 72.4 108.6
43 255.0 187.0 280.6
56 52.5 41.8 62.6



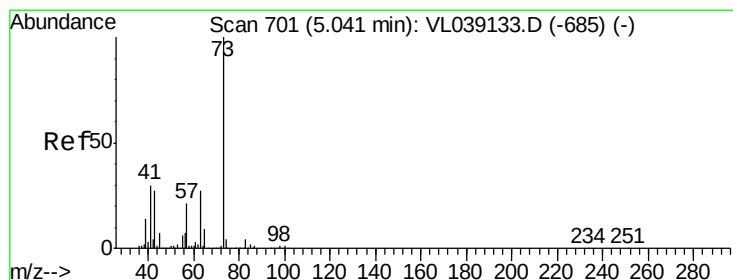
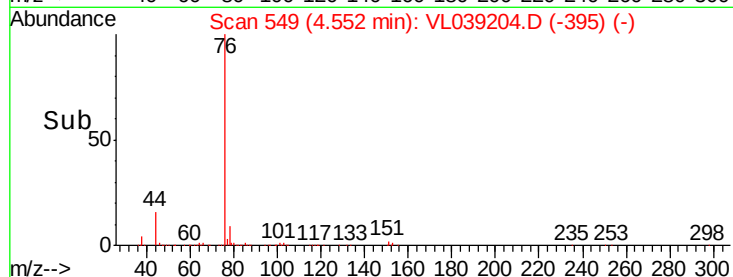
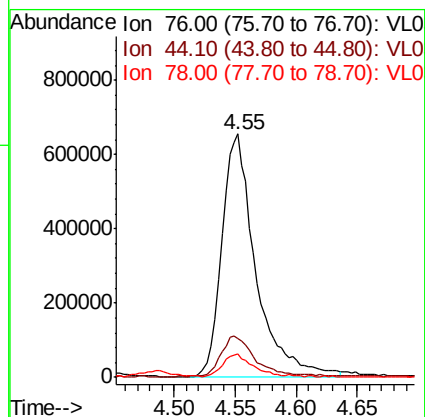
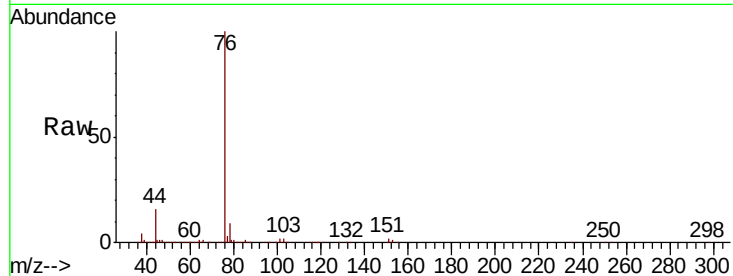


#27
Carbon Disulfide
Concen: 10.379 ppbv
RT: 4.55
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
76 100
44 17.
78 9.

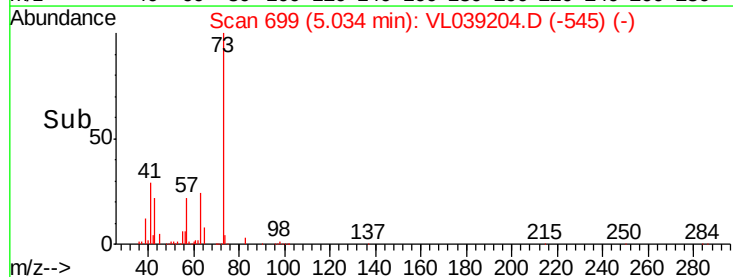
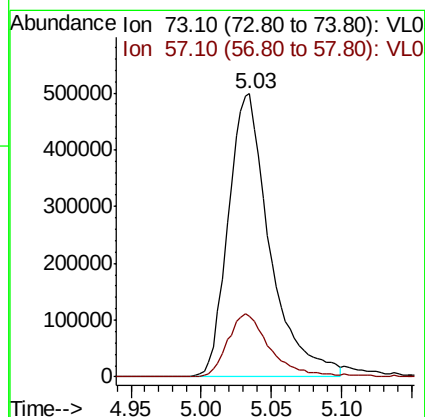
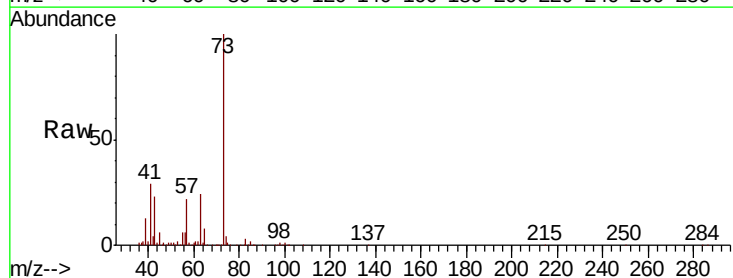
Manual Integrations
APPROVED

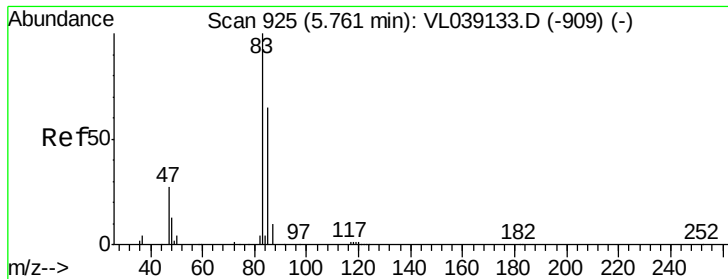
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 7.848 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 73 Resp: 1026690
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8



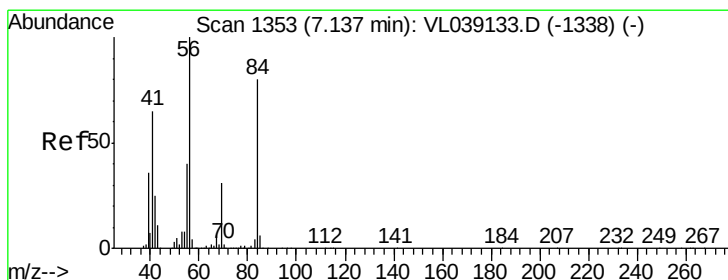
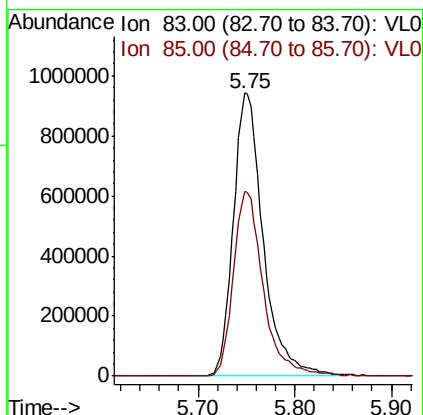
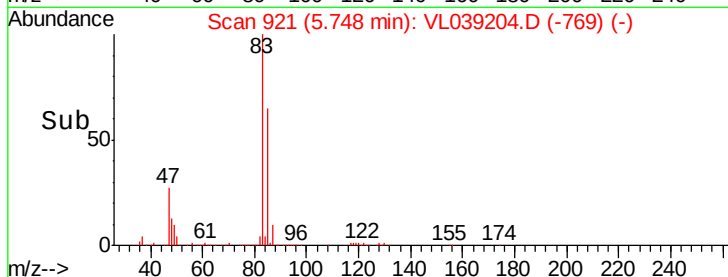
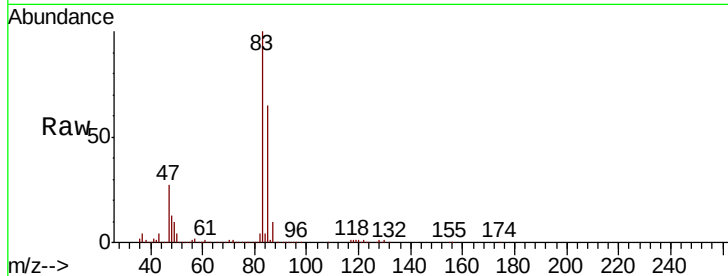


#29
Chloroform
Concen: 10.153 ppbv
RT: 5.75
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
83 100
85 64.

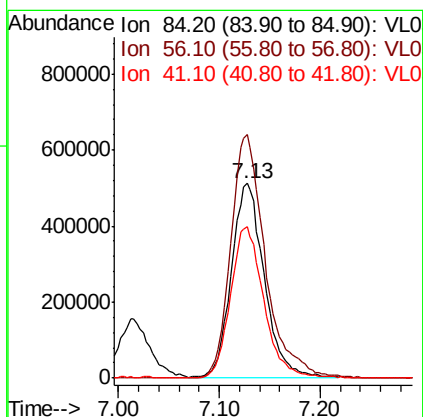
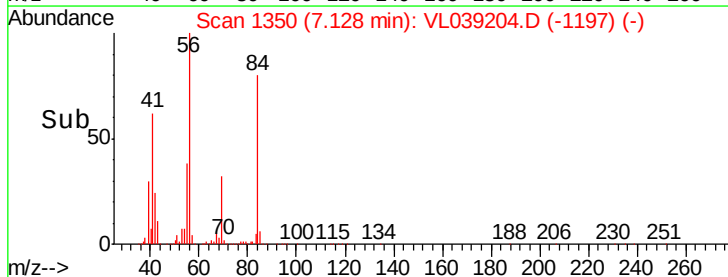
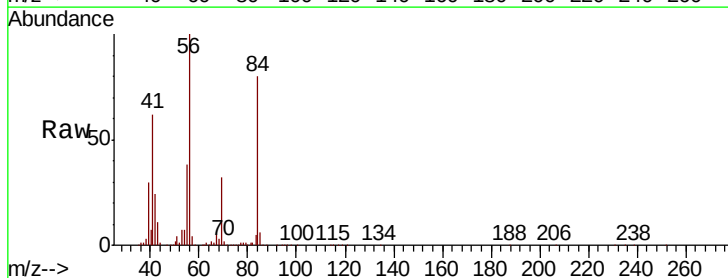
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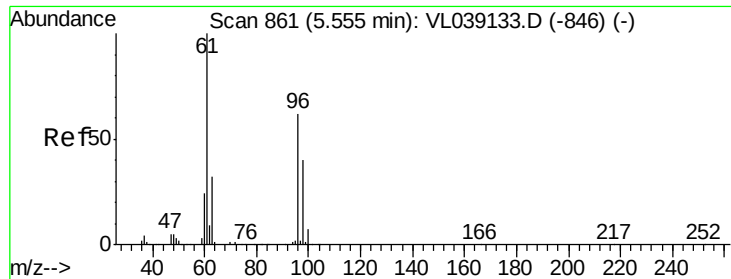
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#30
Cyclohexane
Concen: 11.727 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 84 Resp: 1167378
Ion Ratio Lower Upper
84 100
56 131.6 110.6 165.8
41 78.3 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 10.561 ppbv

RT: 5.55 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

61 100

96 68.

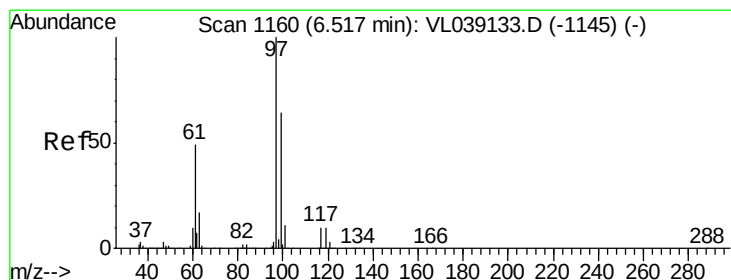
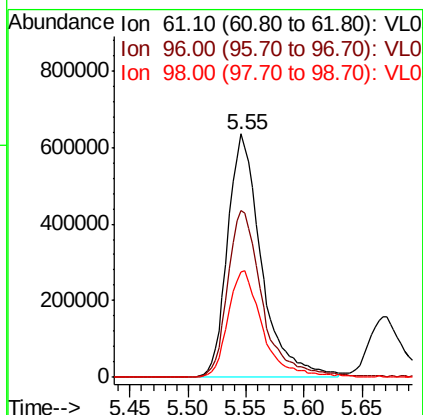
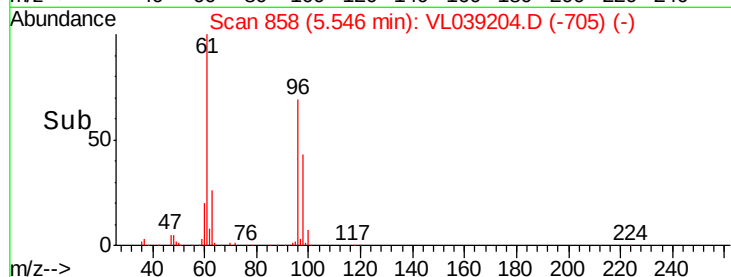
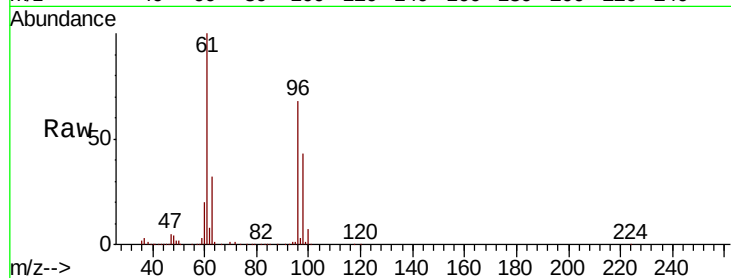
98 43.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#32

1,1,1-Trichloroethane

Concen: 10.399 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

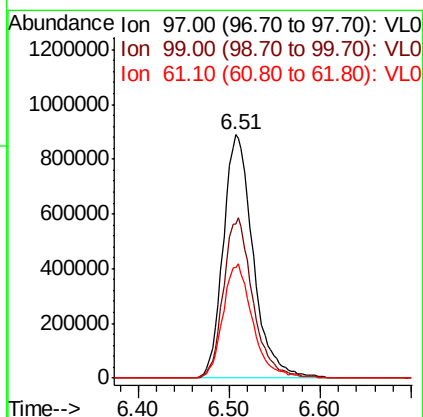
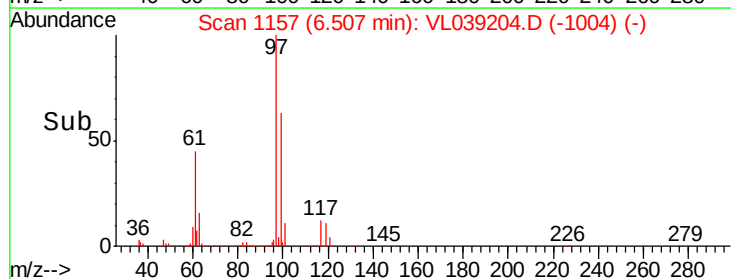
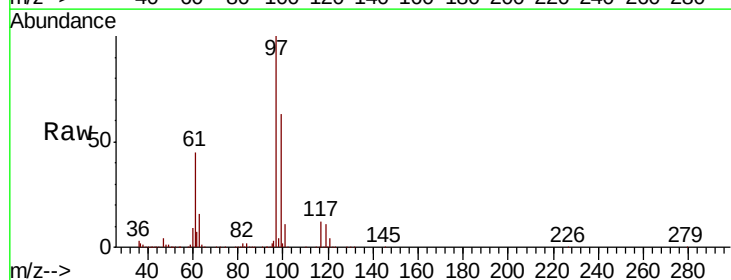
Tgt Ion: 97 Resp: 2029112

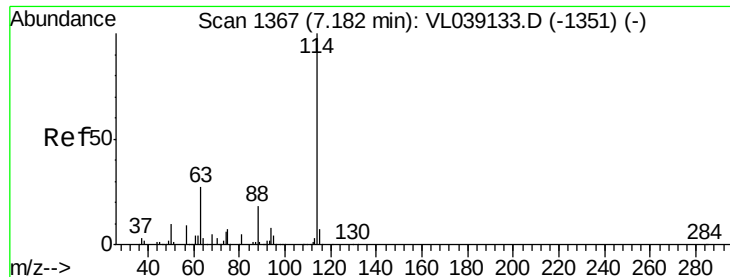
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 46.6 40.0 60.0



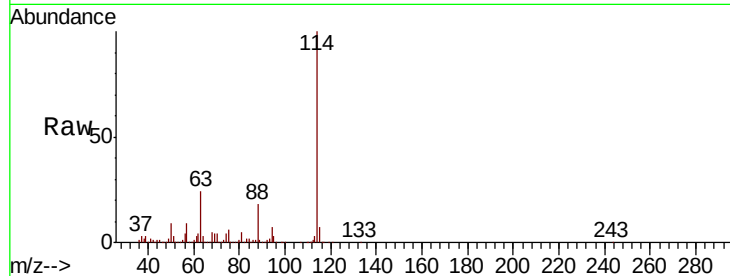


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

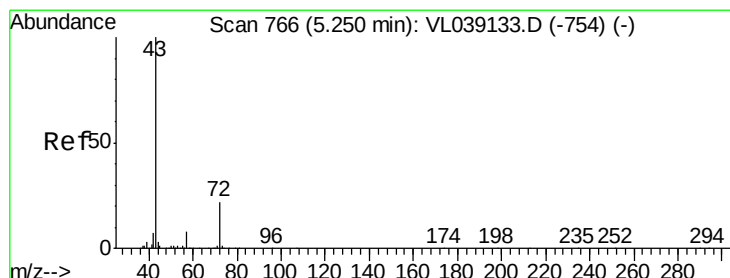
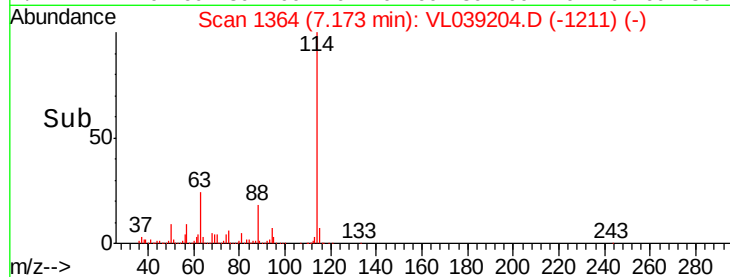
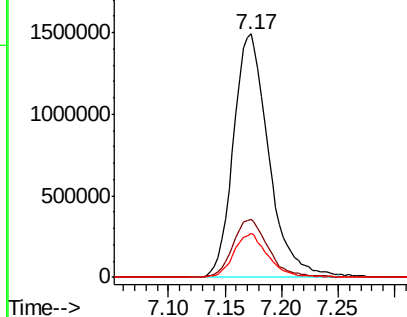
Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 17.

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Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022

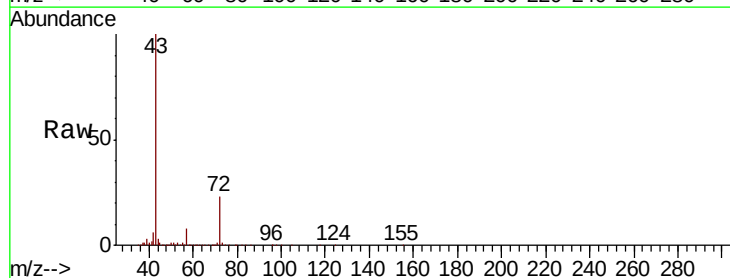


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

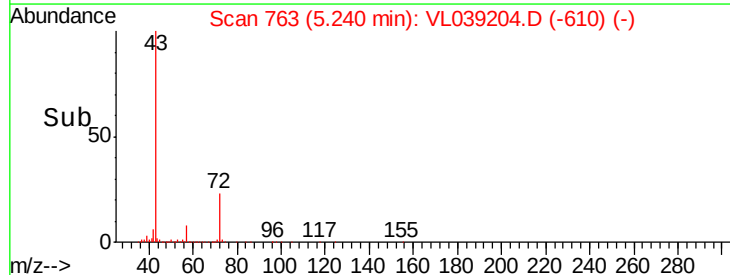
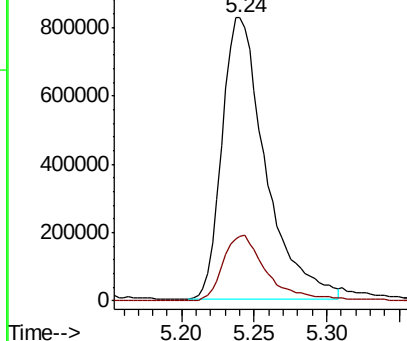


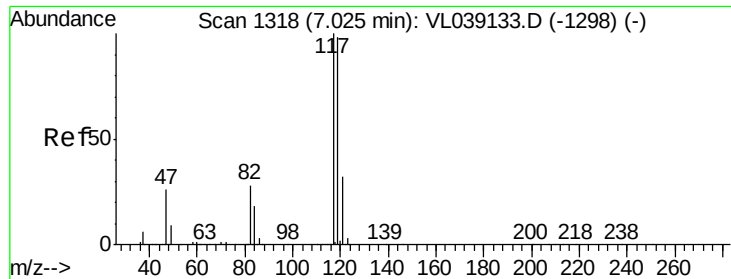
#34
 2-Butanone
 Concen: 9.785 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 43 Resp: 1724441
 Ion Ratio Lower Upper
 43 100
 72 23.9 18.2 27.2



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



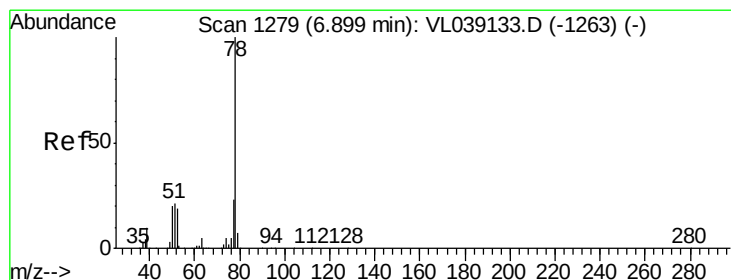
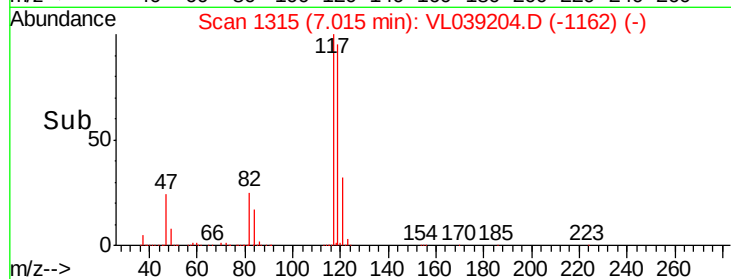
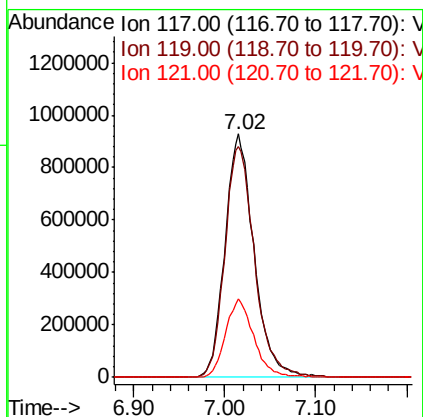
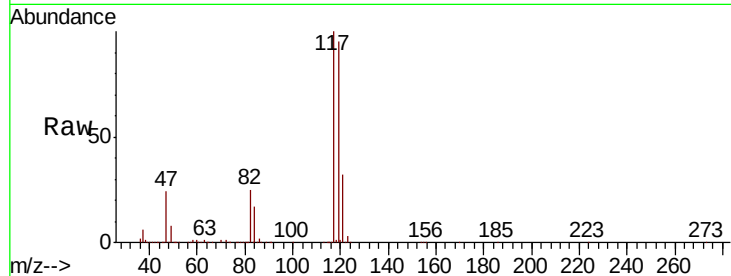


#35
Carbon Tetrachloride
Concen: 8.698 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 11:12

Tot Ion:1
Ion Rati
117 100
119 95.
121 32.

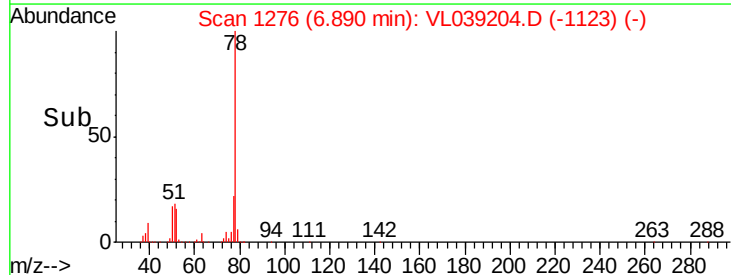
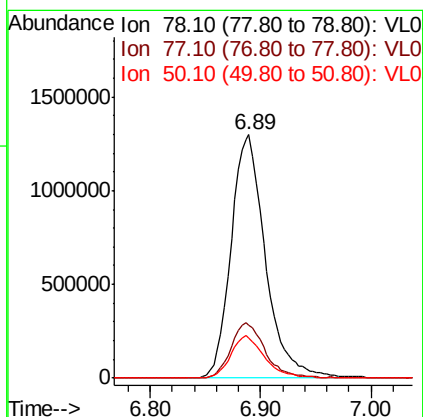
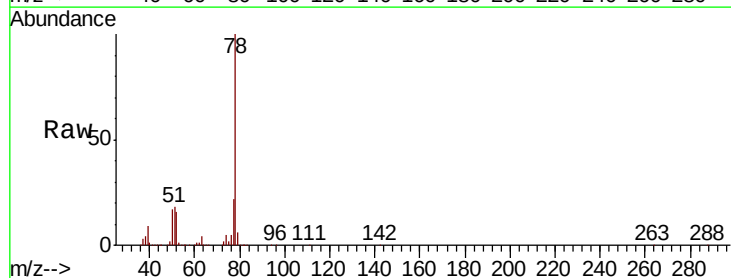
Manual Integrations
APPROVED

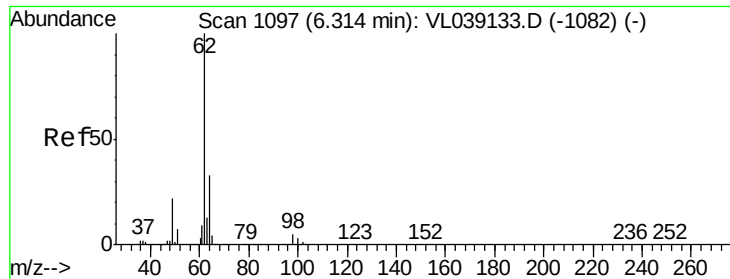
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36
Benzene
Concen: 10.636 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 78 Resp: 2800970
Ion Ratio Lower Upper
78 100
77 21.7 18.6 27.8
50 16.6 15.8 23.8



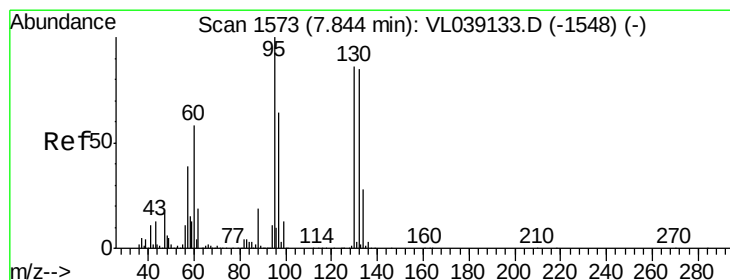
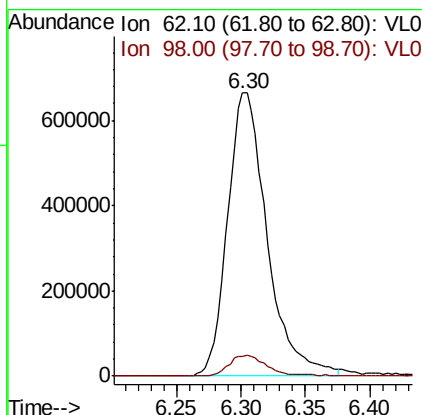
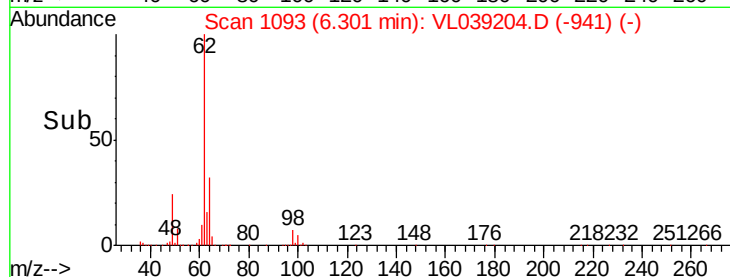
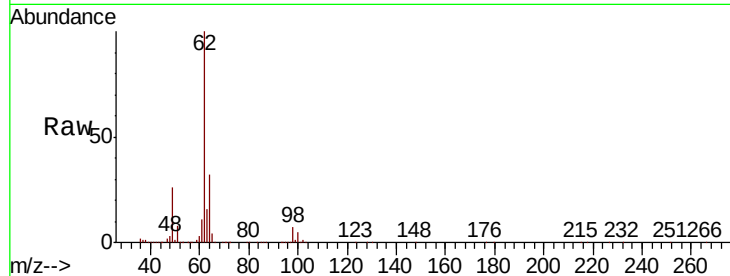


#37
 1,2-Dichloroethane
 Concen: 8.156 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 62 100
 98 7.

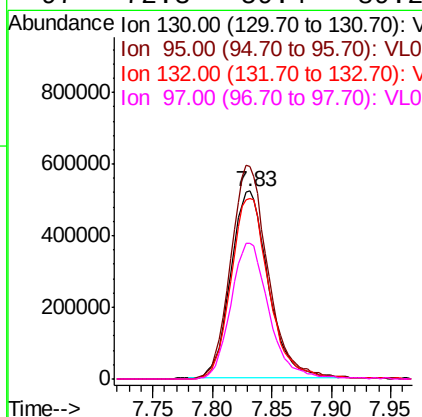
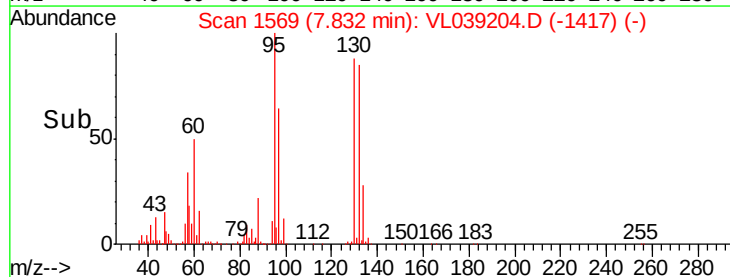
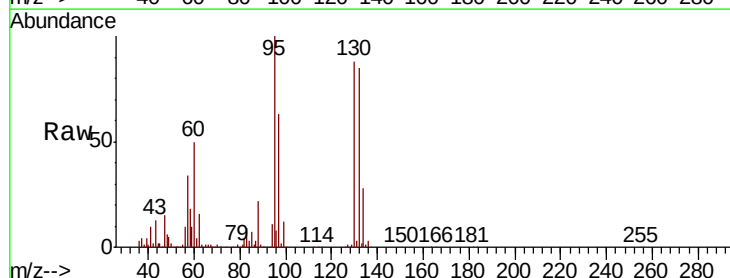
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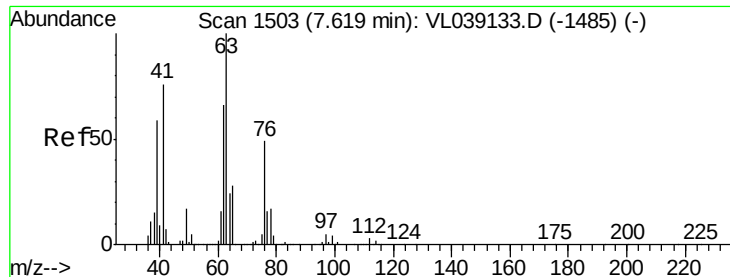
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 9.418 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:130 Resp: 1139307
 Ion Ratio Lower Upper
 130 100
 95 113.8 93.3 139.9
 132 96.6 79.0 118.4
 97 72.3 59.4 89.2



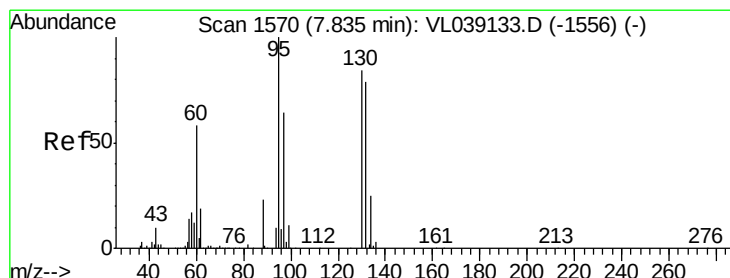
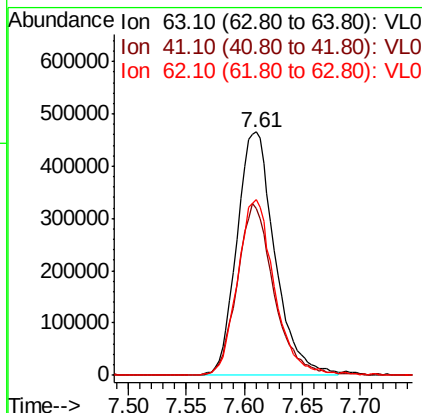
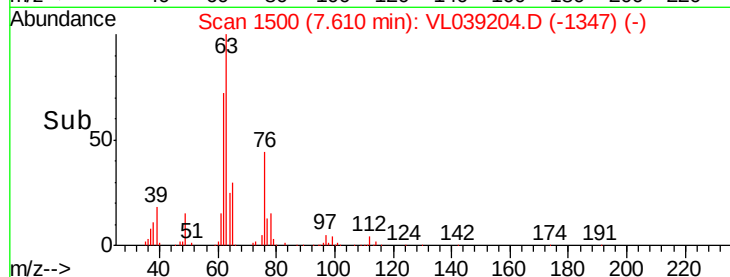
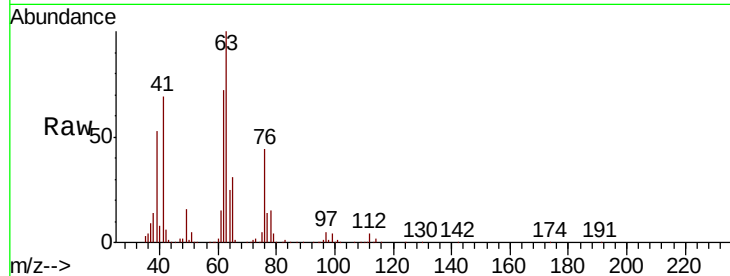


#39
 1,2-Dichloropropane
 Concen: 10.111 ppbv
 RT: 7.61 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 63 100
 41 68.
 62 72.

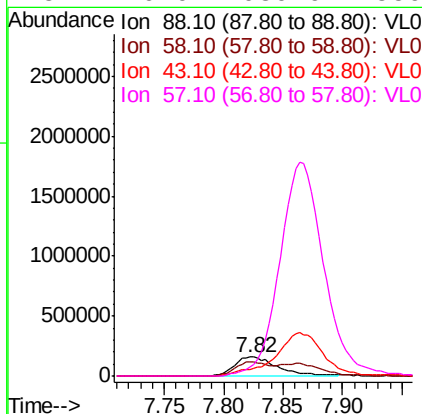
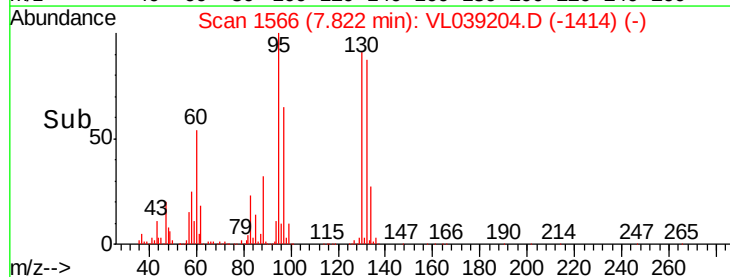
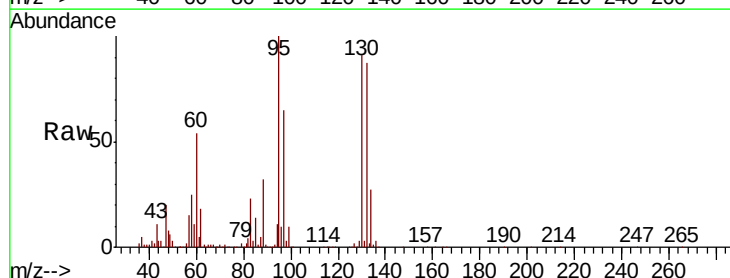
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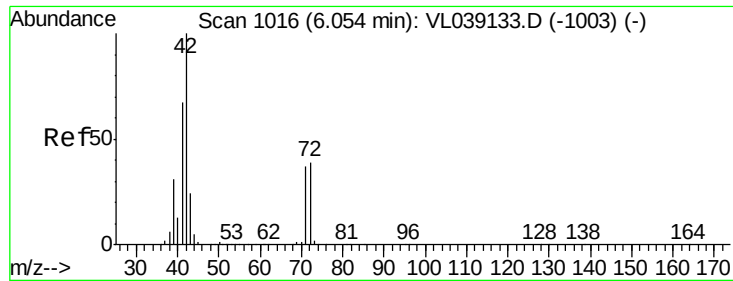
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#40
 1,4-Dioxane
 Concen: 11.319 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 88 Resp: 390355
 Ion Ratio Lower Upper
 88 100
 58 63.5 111.2 166.8#
 43 0.0 234.2 351.4#
 57 0.0 1039.9 1559.9#



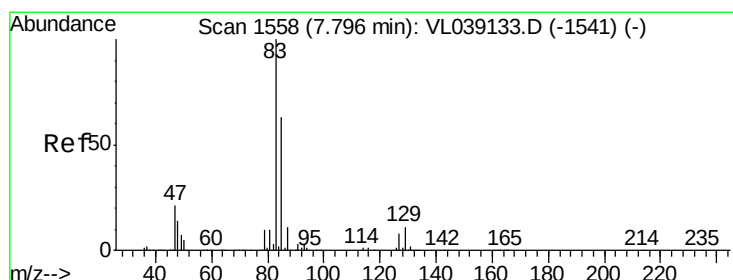
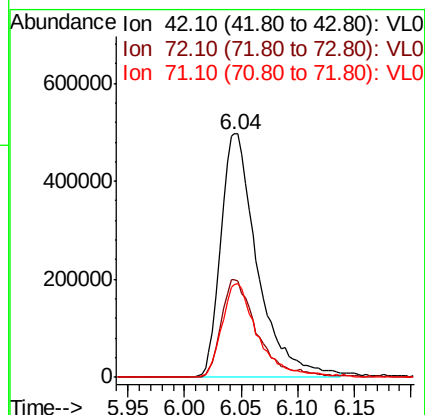
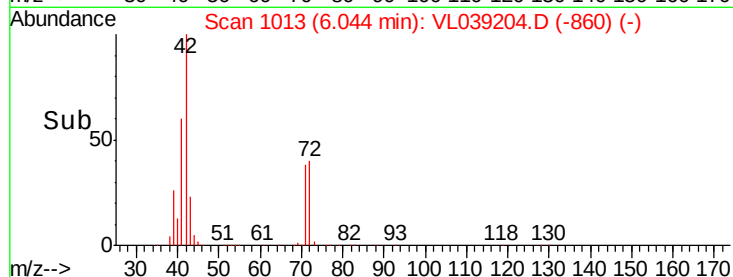
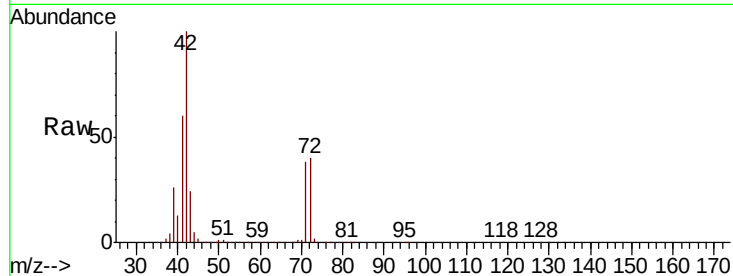


#41
Tetrahydrofuran
Concen: 10.548 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
42 100
72 40.
71 38.

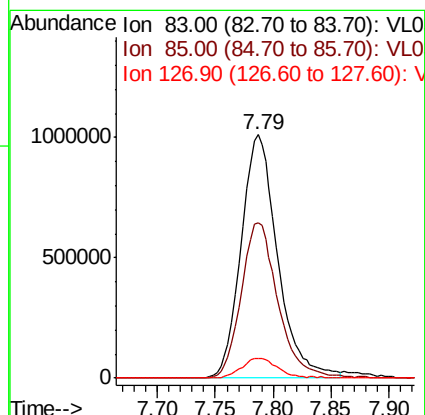
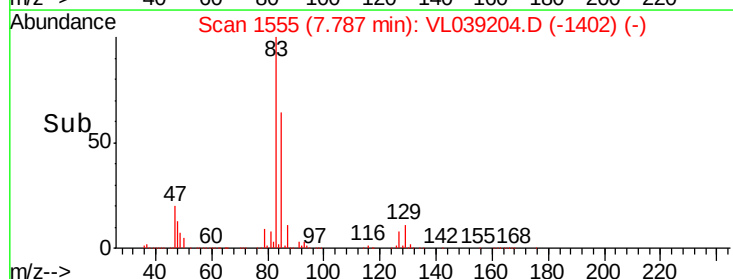
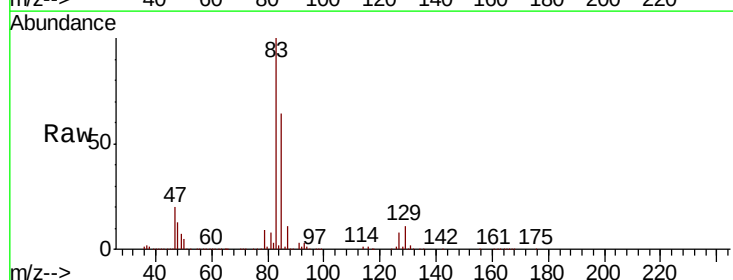
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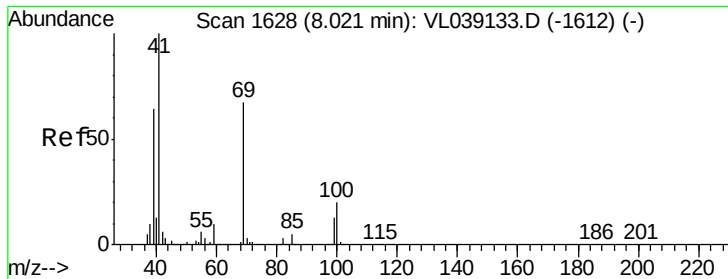
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#42
Bromodichloromethane
Concen: 9.209 ppbv
RT: 7.79 min Scan# 1555
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 83 Resp: 2215187
Ion Ratio Lower Upper
83 100
85 64.0 50.2 75.4
127 8.2 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.714 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Jun 2022 11:12

Tot Ion:

Ion Ratio

69 100

41 142.

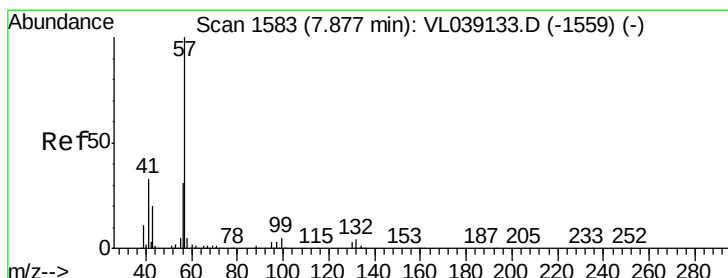
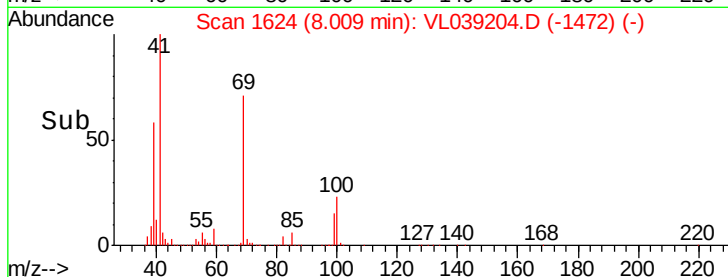
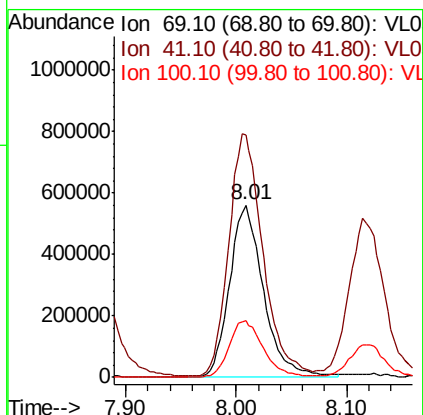
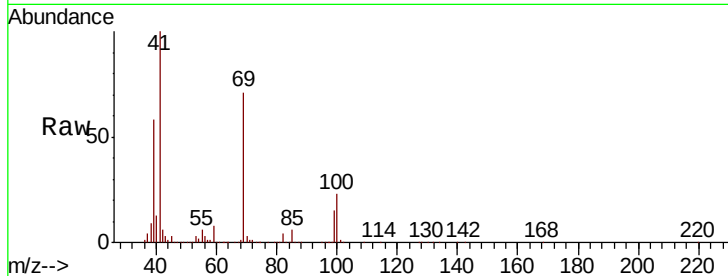
100 33.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

2,2,4-Trimethylpentane

Concen: 9.947 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

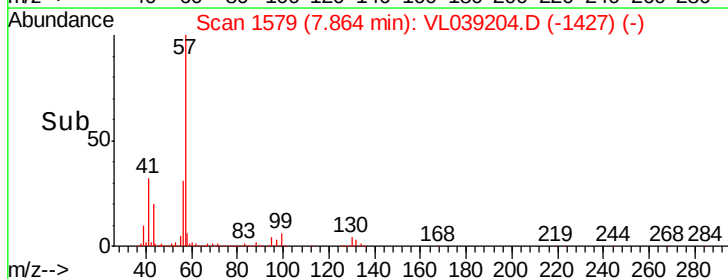
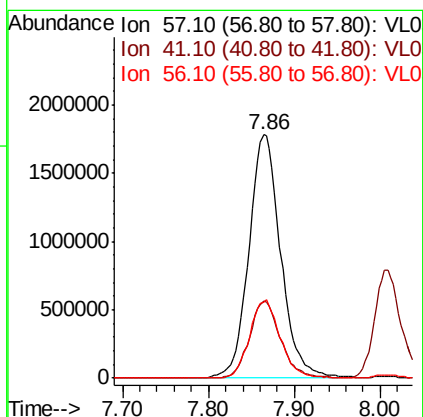
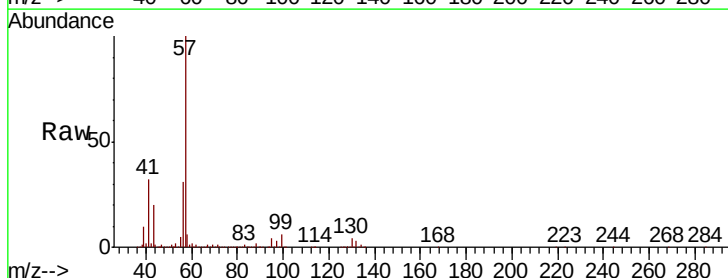
Tgt Ion: 57 Resp: 4582721

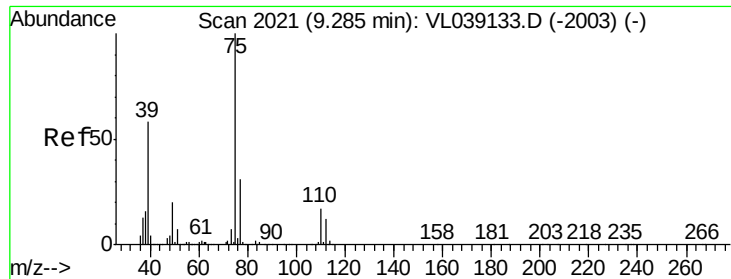
Ion Ratio Lower Upper

57 100

41 30.8 26.2 39.4

56 31.2 24.7 37.1



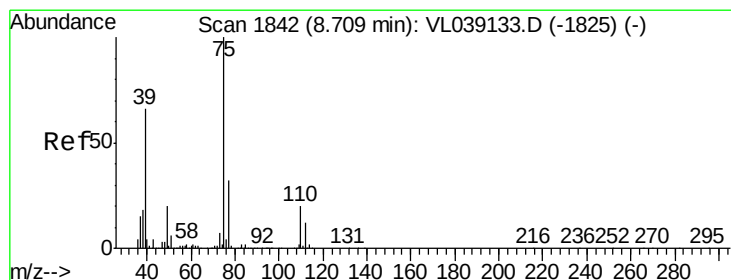
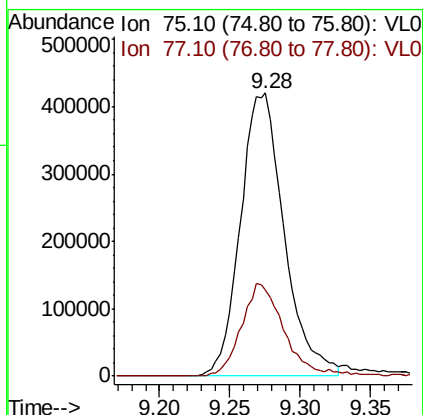
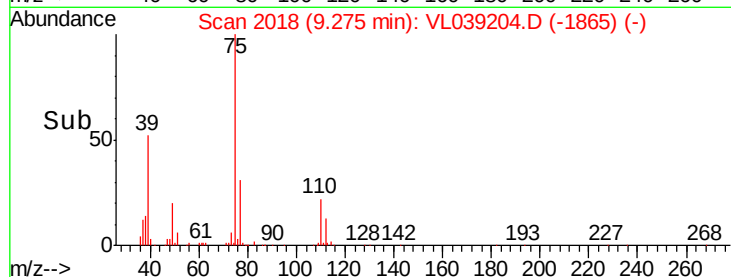
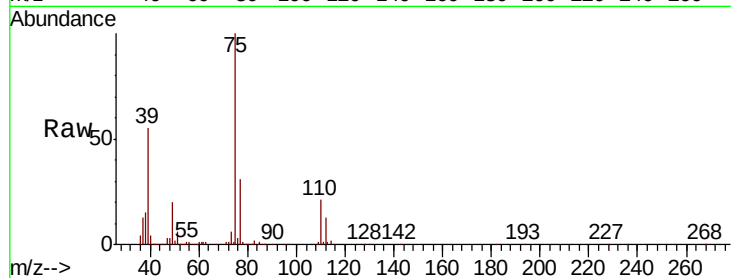


#45
 t-1,3-Dichloropropene
 Concen: 8.516 ppbv
 RT: 9.28
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 75 100
 77 30.

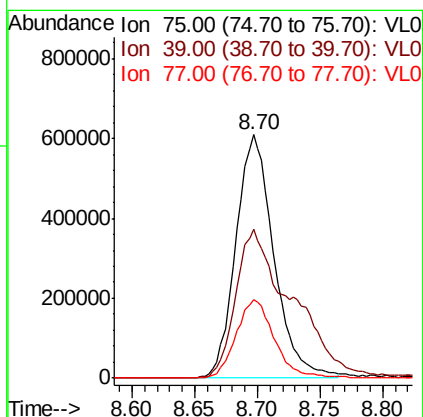
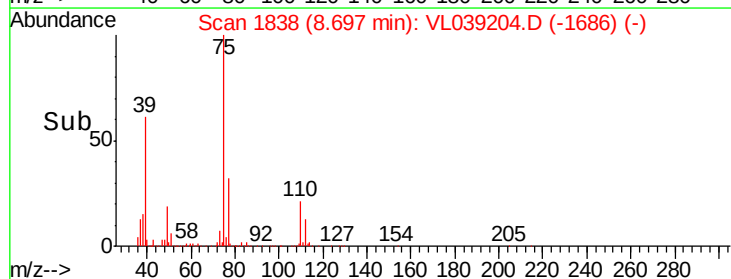
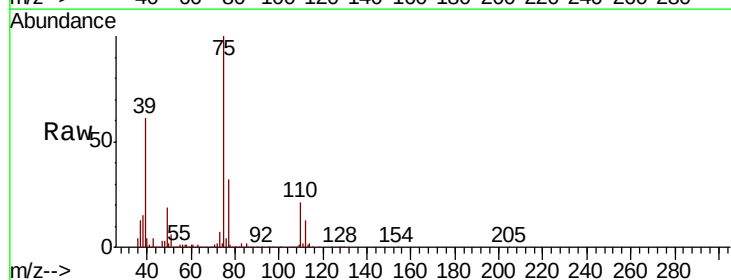
Manual Integrations
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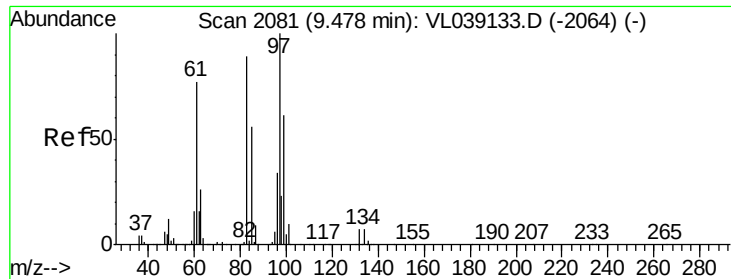
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#46
 cis-1,3-Dichloropropene
 Concen: 9.091 ppbv
 RT: 8.70 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 75 Resp: 1283114
 Ion Ratio Lower Upper
 75 100
 39 60.9 52.4 78.6
 77 32.0 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 10.770 ppbv

RT: 9.47 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

97 100

83 86.

85 54.

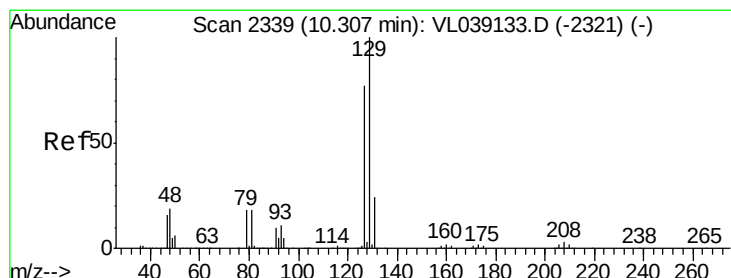
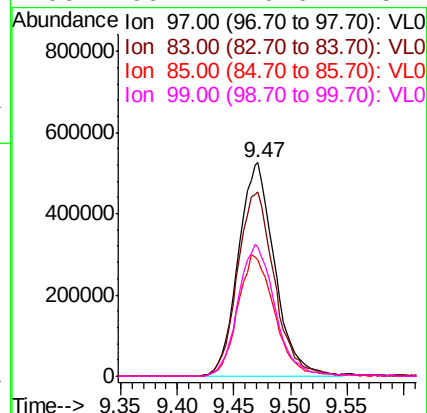
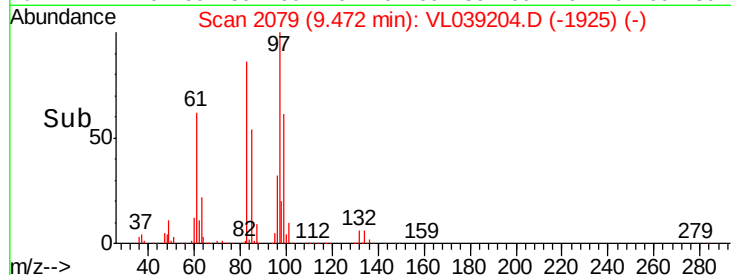
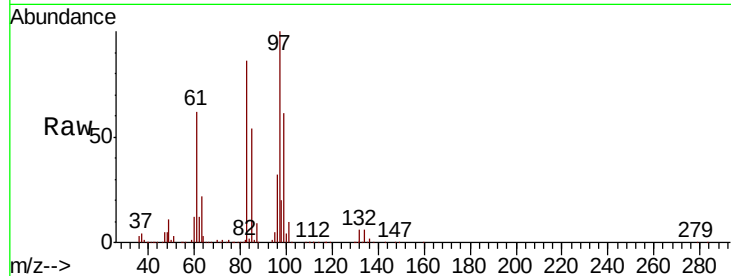
99 60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#48

Dibromochloromethane

Concen: 9.951 ppbv

RT: 10.30 min Scan# 2336

Delta R.T. -0.01 min

Lab File: VL039204.D

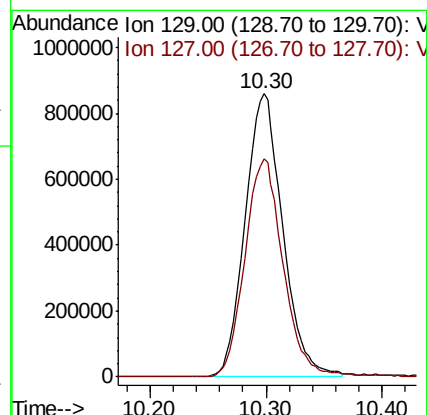
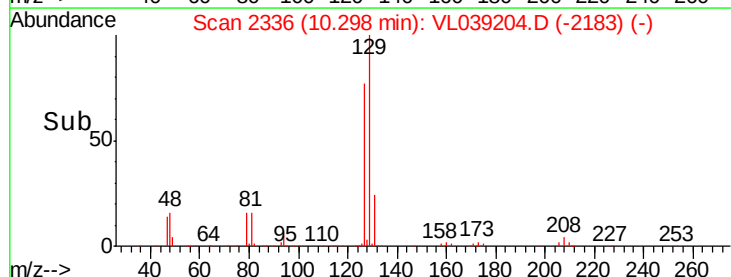
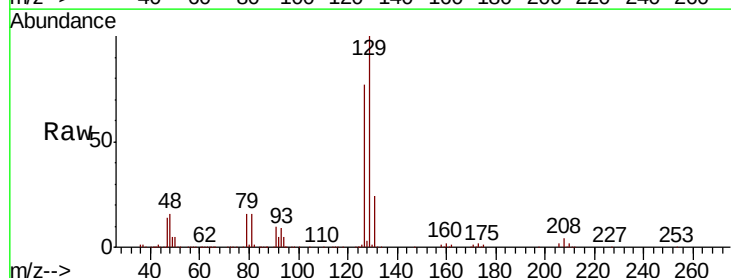
Acq: 7 Jun 2022 11:12

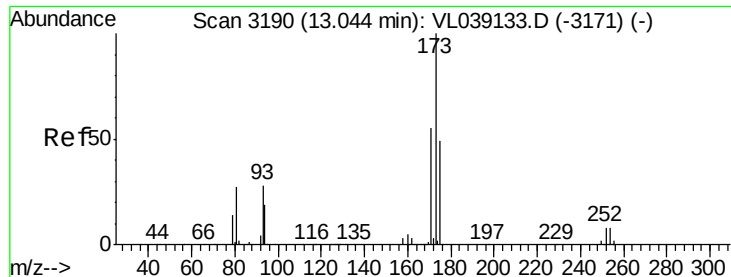
Tgt Ion:129 Resp: 1941838

Ion Ratio Lower Upper

129 100

127 78.6 40.0 119.9





#49

Bromoform

Concen: 10.214 ppbv

RT: 13.03

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12

Tot Ion:1

Ion Rati

173 100

175 49.

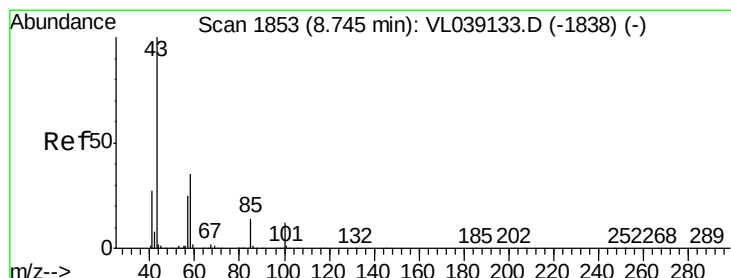
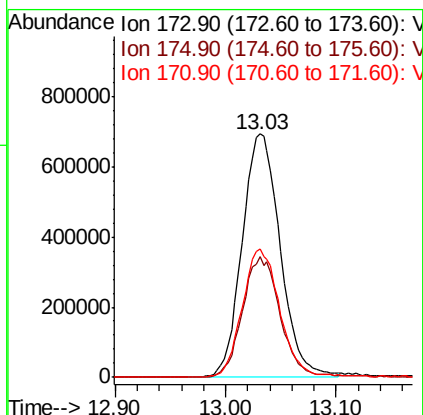
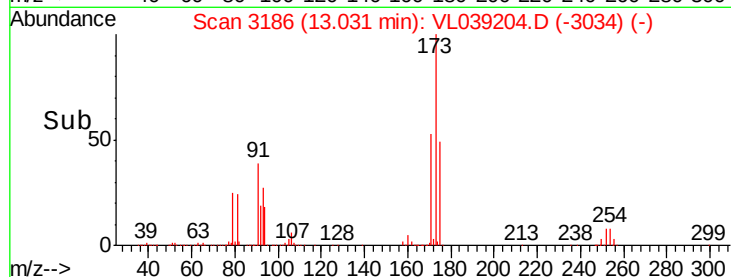
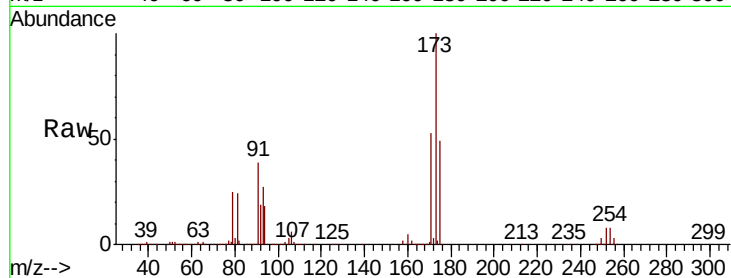
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#50

4-Methyl-2-Pentanone

Concen: 10.416 ppbv

RT: 8.73 min Scan# 1849

Delta R.T. -0.01 min

Lab File: VL039204.D

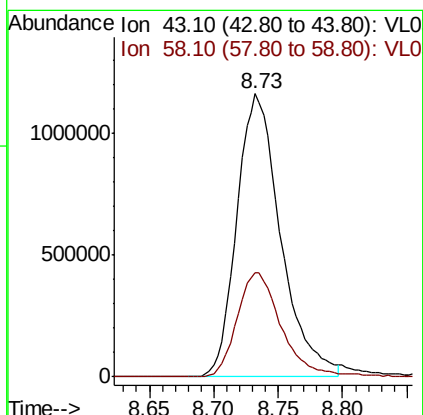
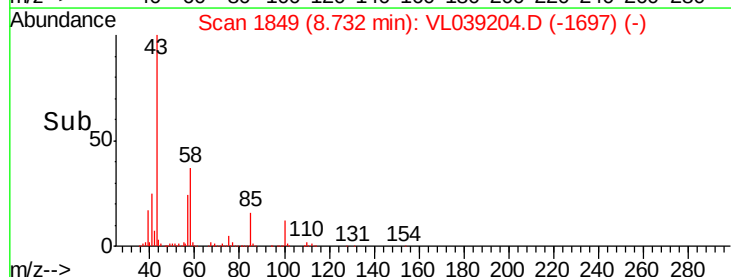
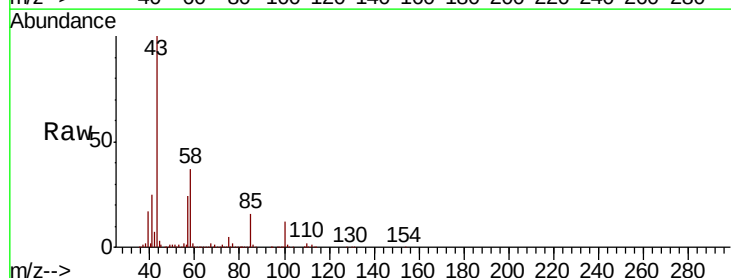
Acq: 7 Jun 2022 11:12

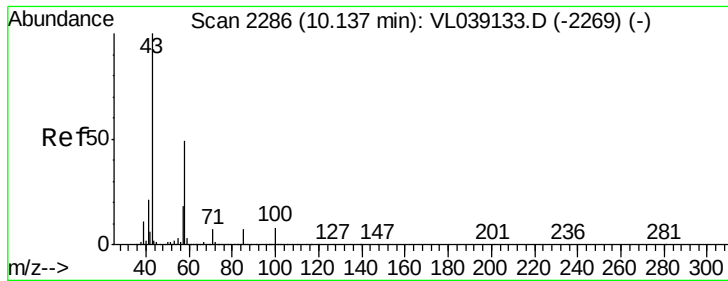
Tgt Ion: 43 Resp: 2747783

Ion Ratio Lower Upper

43 100

58 37.6 28.7 43.1



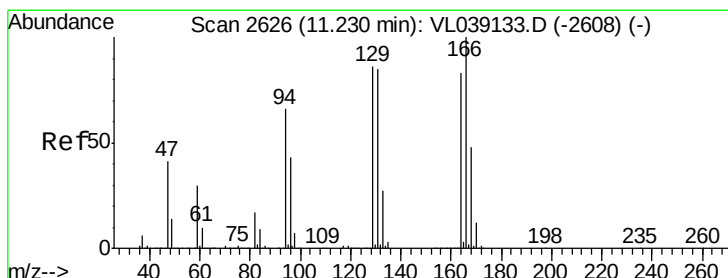
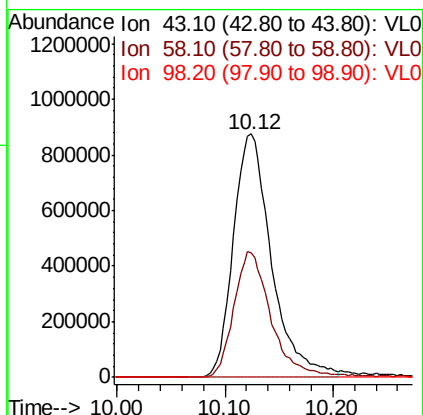
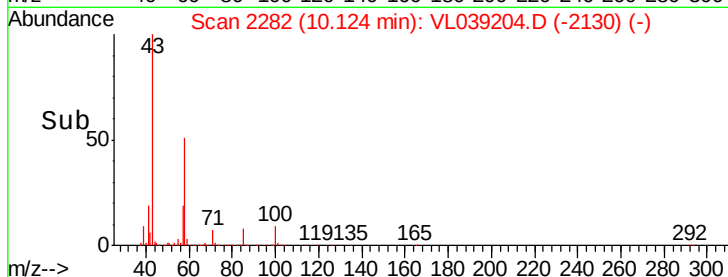
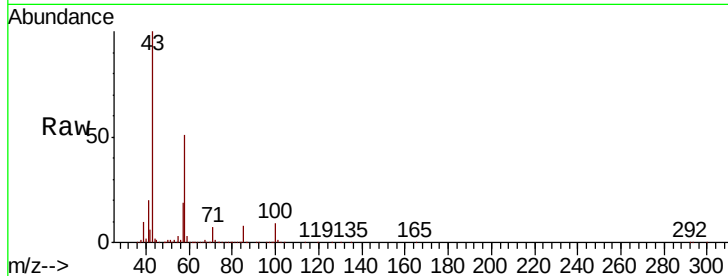


#51
2-Hexanone
Concen: 10.452 ppbv
RT: 10.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:
Ion Ratio
43 100
58 51.
98 0.

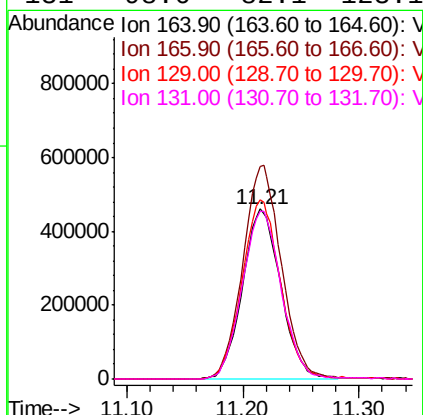
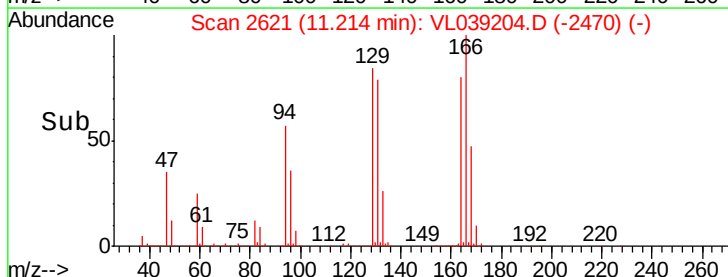
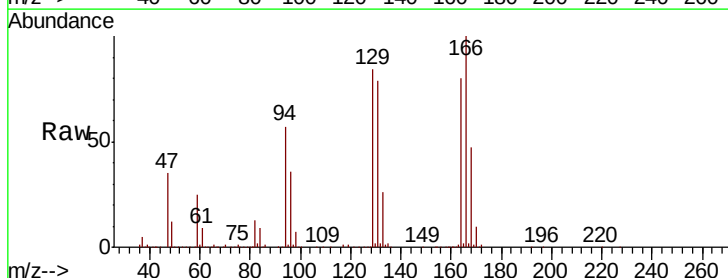
Manual Integrations
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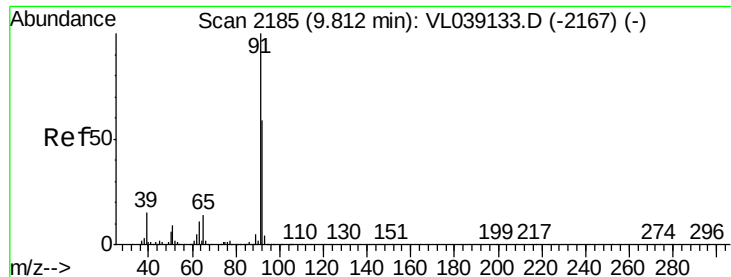
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#52
Tetrachloroethene
Concen: 10.273 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion:164 Resp: 1056323
Ion Ratio Lower Upper
164 100
166 124.7 96.3 144.5
129 105.3 82.5 123.7
131 98.6 82.1 123.1





#53

Toluene

Concen: 10.825 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 11:12

Tot Ion:

Ion Ratio

91 100

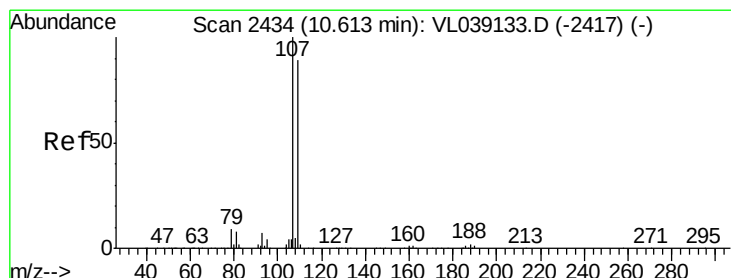
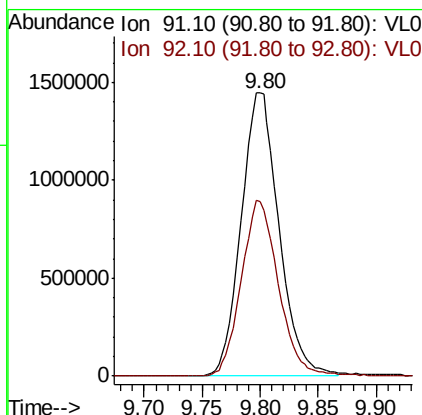
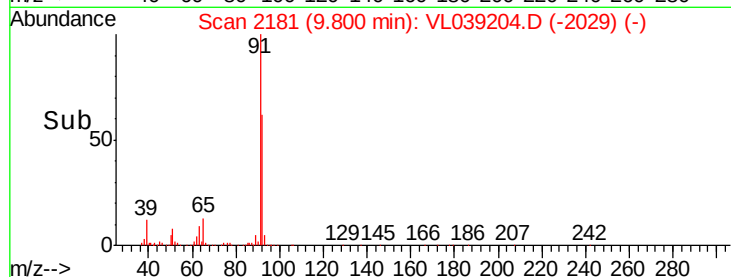
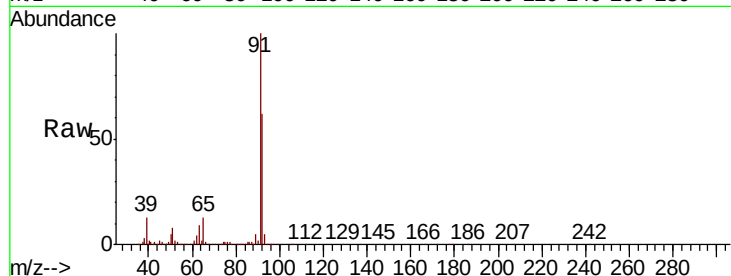
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 11.289 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL039204.D

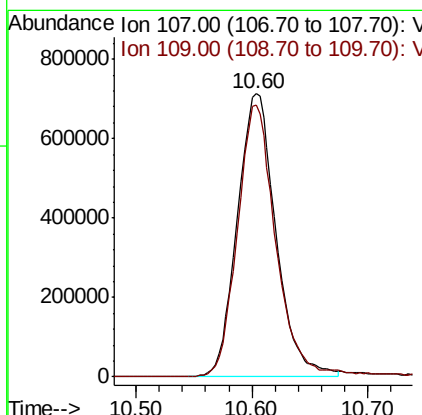
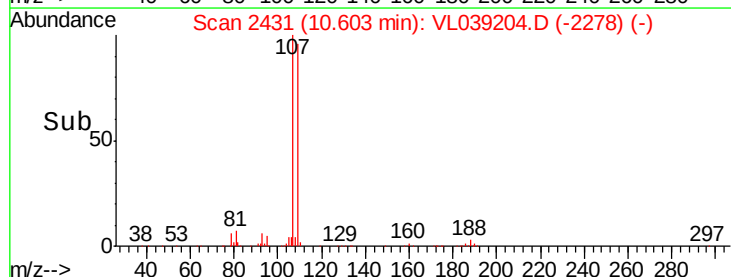
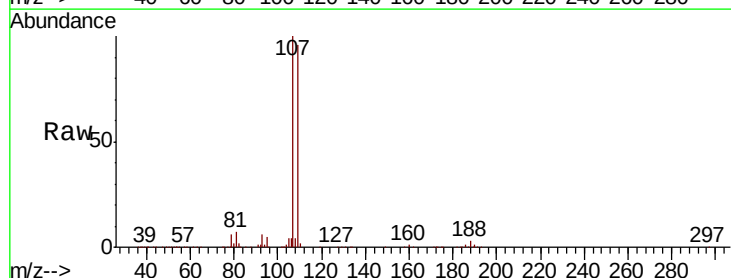
Acq: 7 Jun 2022 11:12

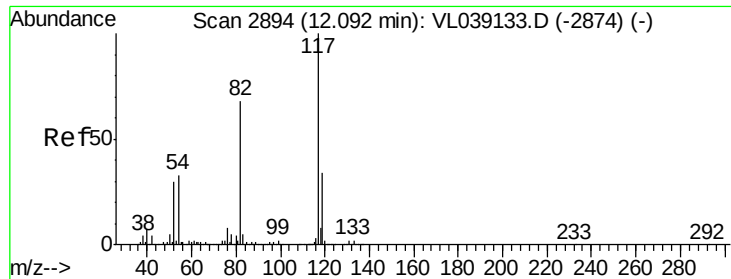
Tgt Ion:107 Resp: 1657807

Ion Ratio Lower Upper

107 100

109 96.2 71.4 107.0



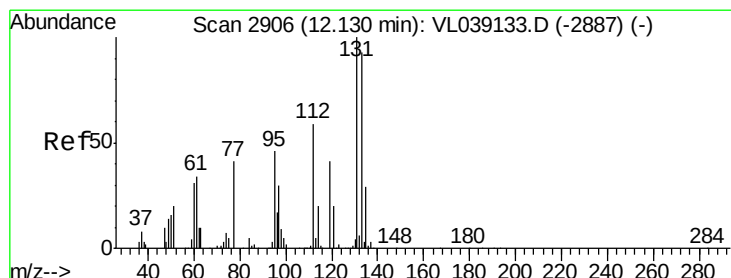
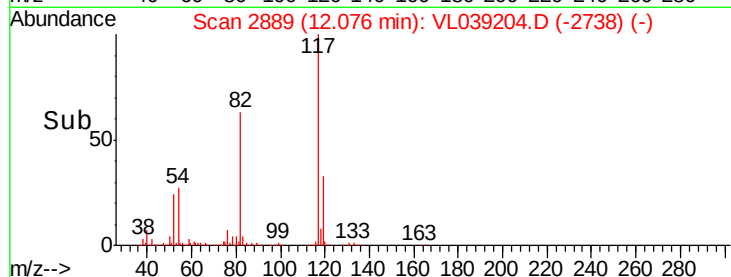
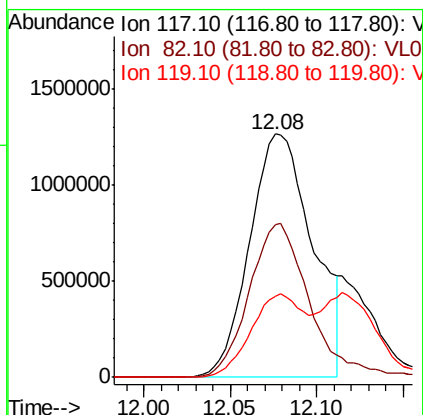
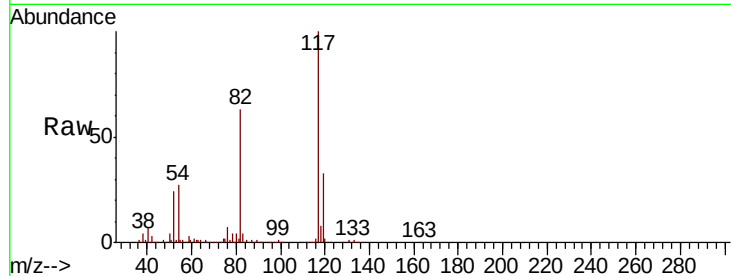


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:1
Ion Rati
117 100
82 62.
119 30.

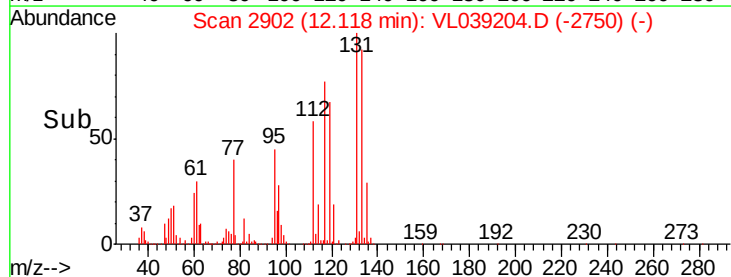
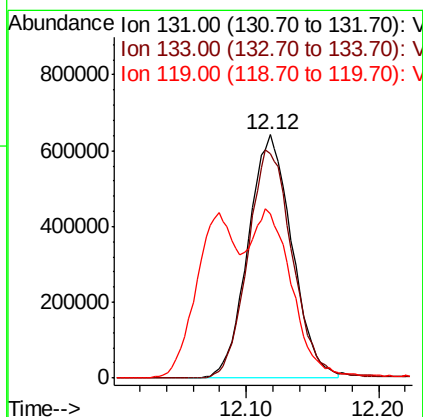
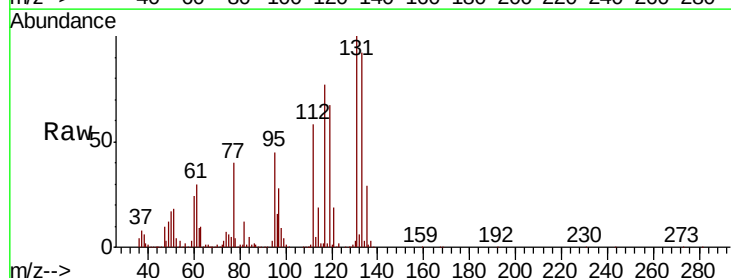
Manual Integrations
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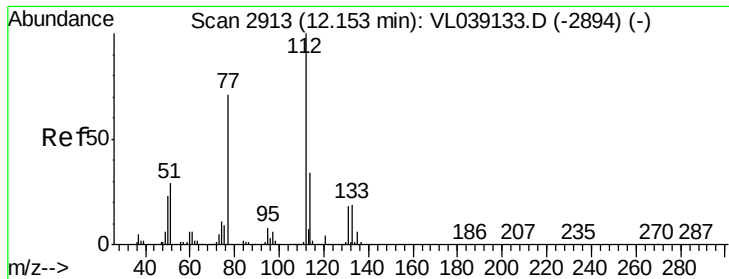
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.736 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion:131 Resp: 1474748
Ion Ratio Lower Upper
131 100
133 96.8 78.6 117.8
119 63.6 51.7 77.5





#57

Chlorobenzene

Concen: 10.040 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12

Tot Ion:1

Ion Rati

112 100

77 65.

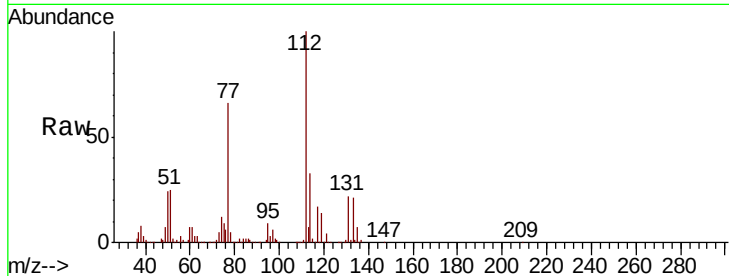
114 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

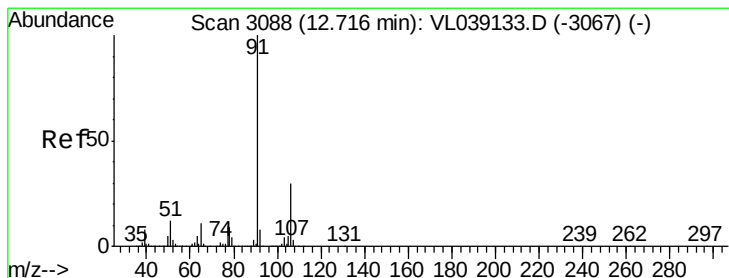
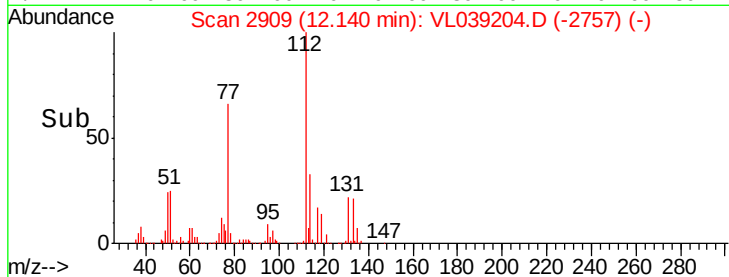
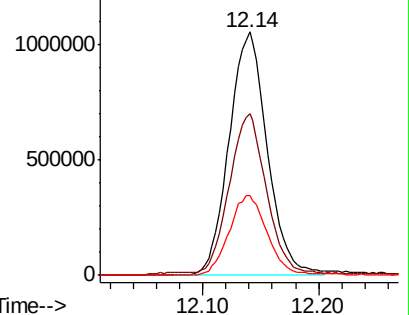
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 10.148 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.02 min

Lab File: VL039204.D

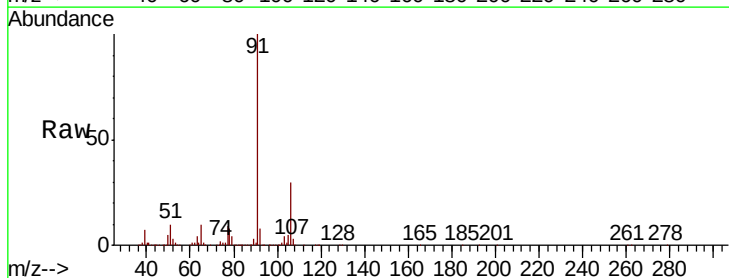
Acq: 7 Jun 2022 11:12

Tgt Ion: 91 Resp: 4474662

Ion Ratio Lower Upper

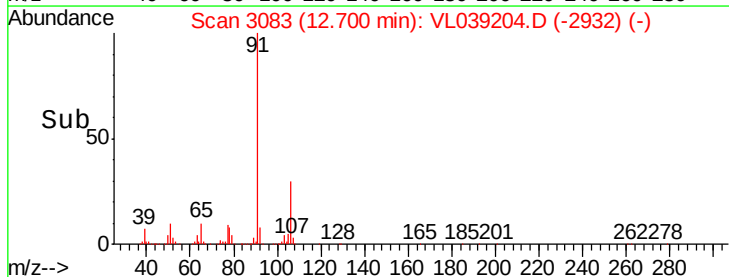
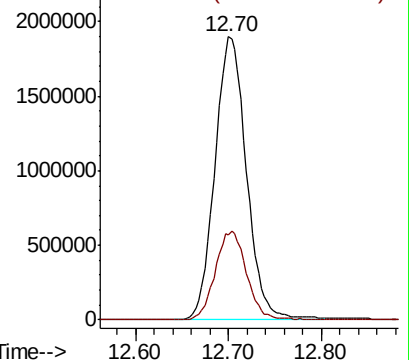
91 100

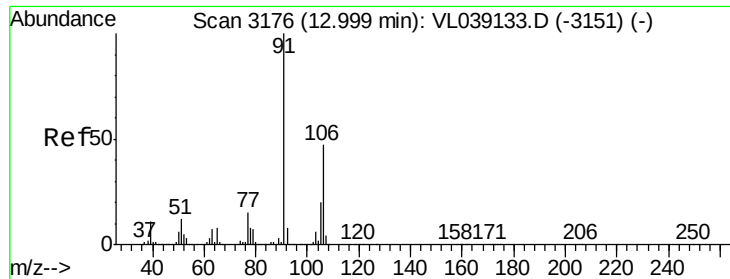
106 30.2 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



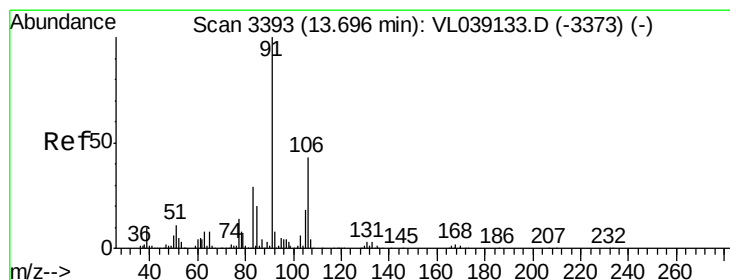
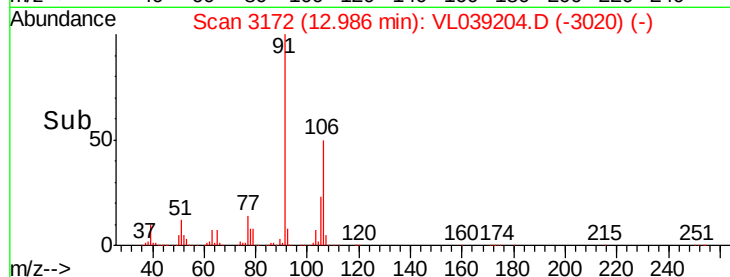
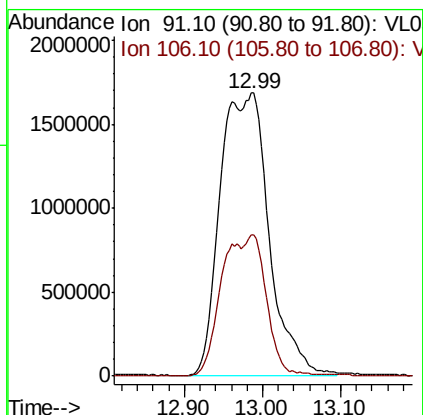
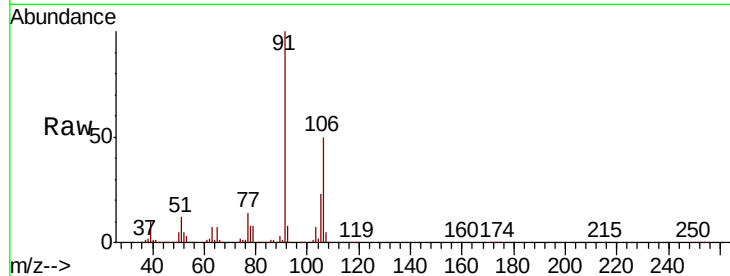


#59
m/p-Xylene
Concen: 18.970 ppbv m
RT: 12.99
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12
VSTDCCC010

Tot Ion:
Ion Ratio
91 100
106 45.

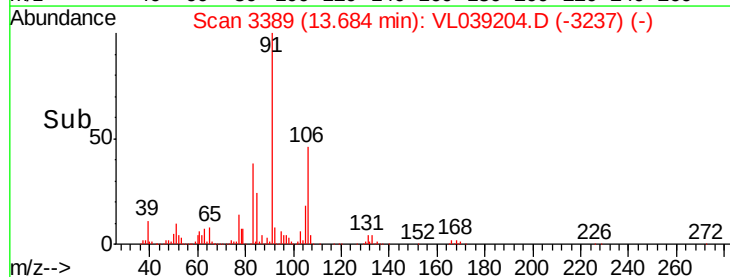
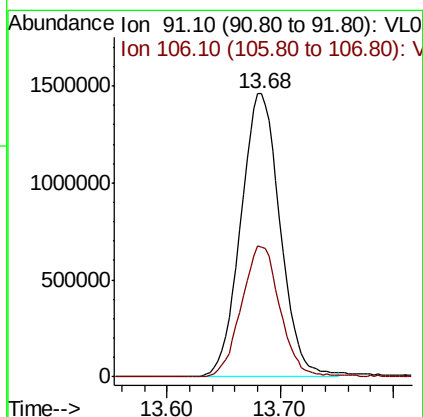
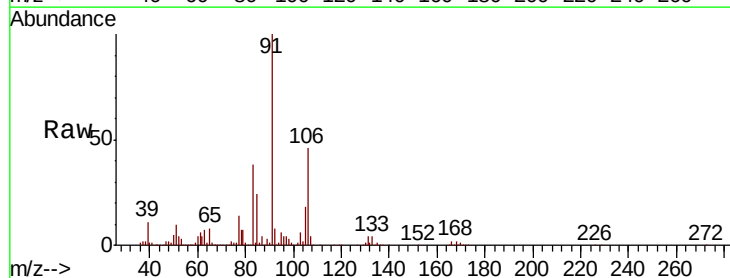
Manual Integrations
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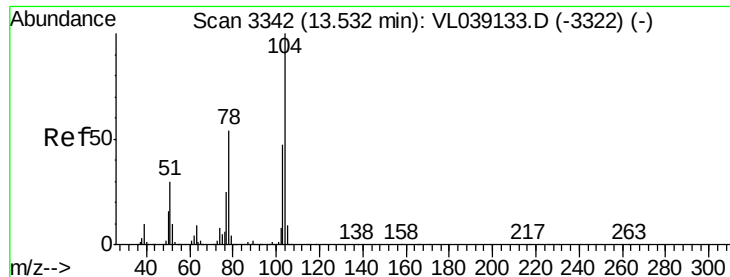
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#60
o-Xylene
Concen: 9.660 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 91 Resp: 3524642
Ion Ratio Lower Upper
91 100
106 46.1 22.3 66.9



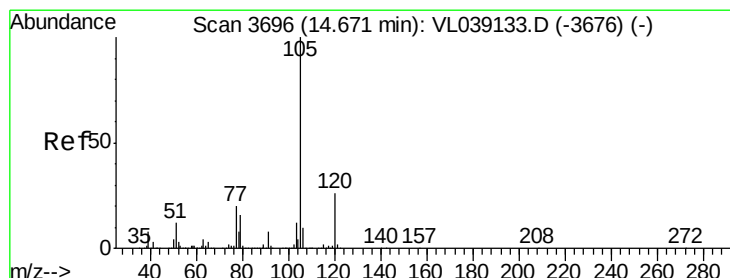
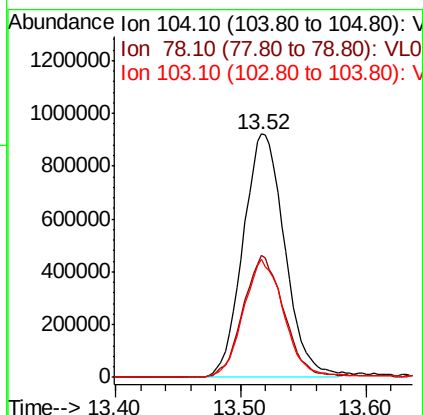
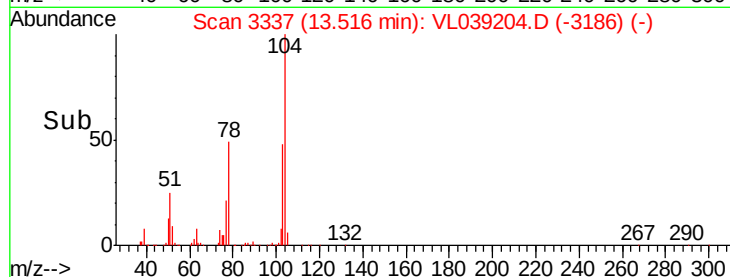
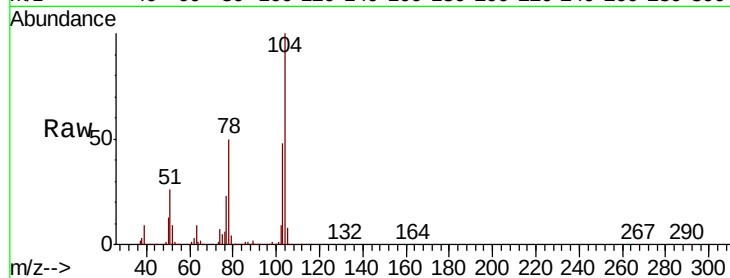


#61
Stvrene
Concen: 10.914 ppbv
RT: 13.52
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12

Tot Ion:1
Ion Rati
104 100
78 49.
103 47.

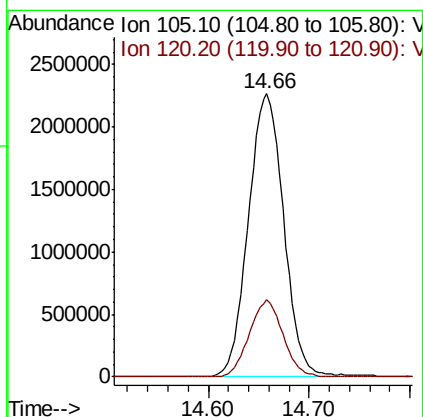
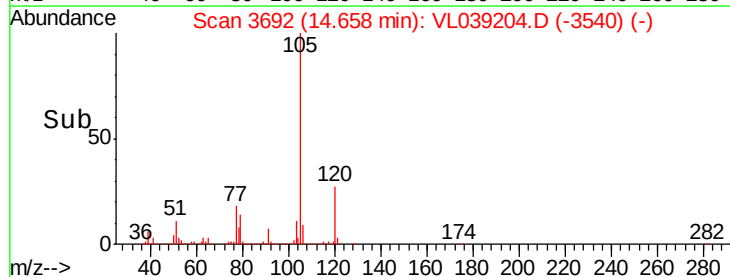
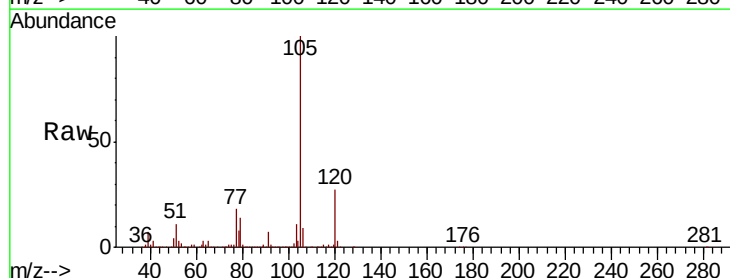
Manual Integrations
APPROVED

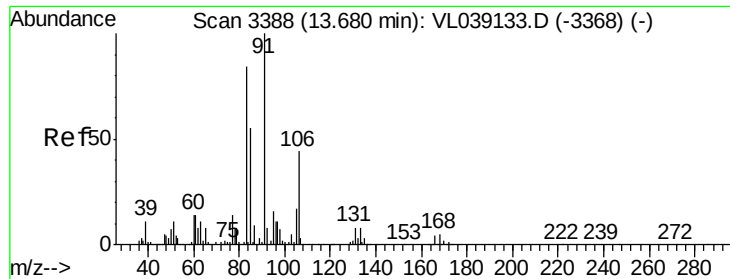
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#62
Isopropylbenzene
Concen: 10.130 ppbv
RT: 14.66 min Scan# 3692
Delta R.T. -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion:105 Resp: 5493784
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 11.536 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12 VSTDCCC010

Tot Ion:

Ion Ratio

83 100

131 9.

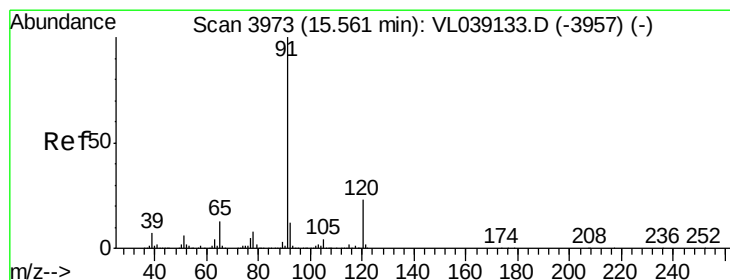
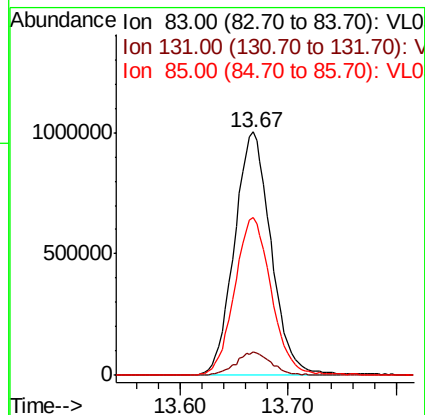
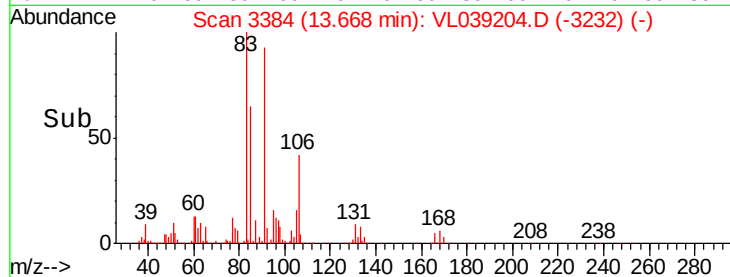
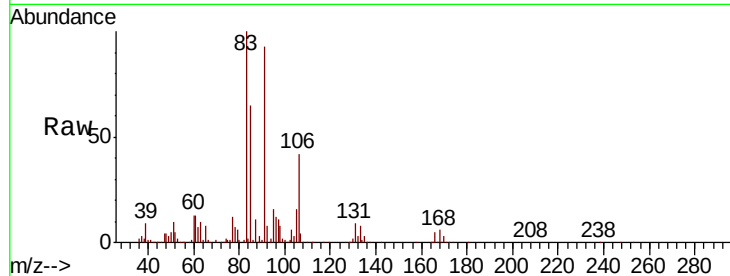
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#64

n-propylbenzene

Concen: 11.016 ppbv

RT: 15.55 min Scan# 3970

Delta R.T. -0.01 min

Lab File: VL039204.D

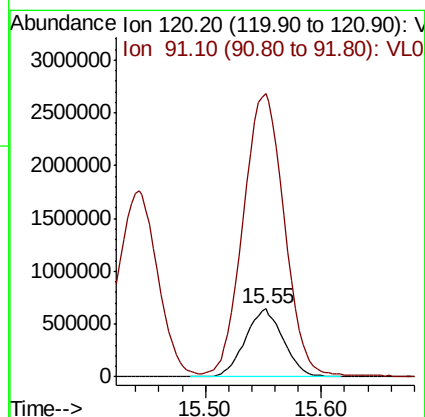
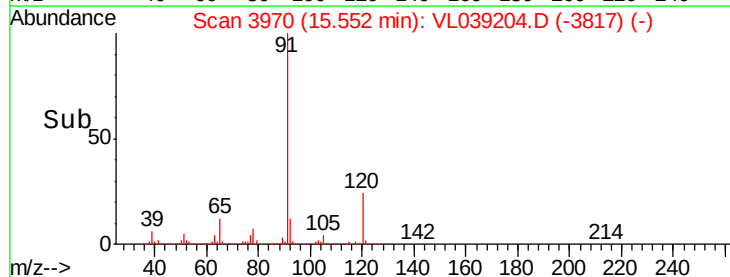
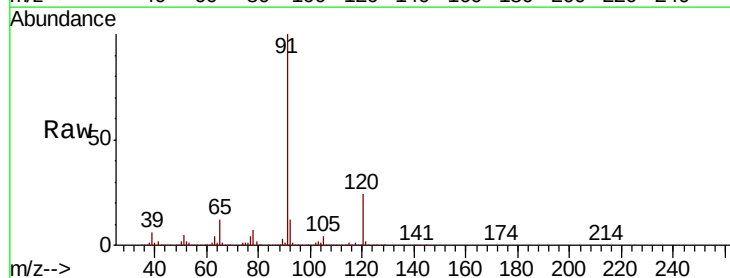
Acq: 7 Jun 2022 11:12

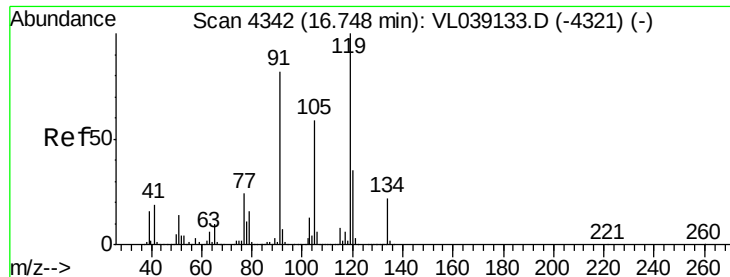
Tgt Ion:120 Resp: 1468575

Ion Ratio Lower Upper

120 100

91 454.2 388.4 582.6



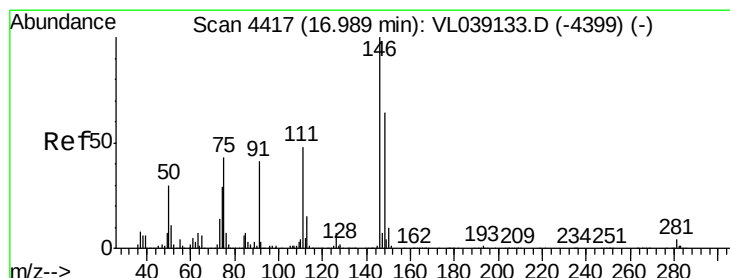
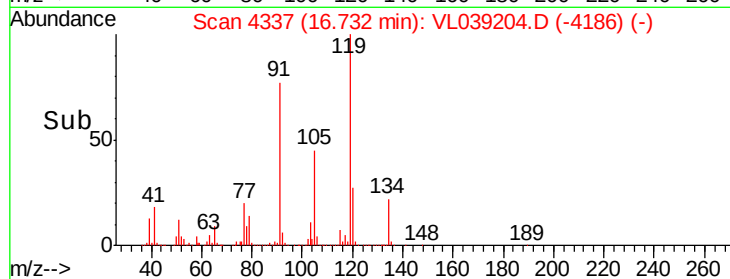
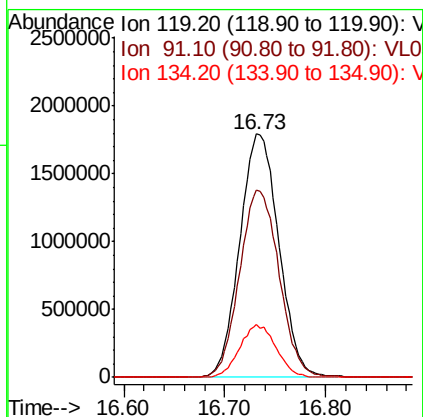
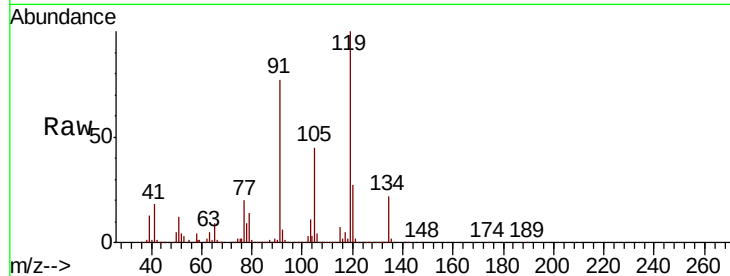


#65
tert-Butylbenzene
Concen: 9.722 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 11:12
VSTDCCC010

Tot Ion: 1
Ion Ratio
119 100
91 78.
134 20.

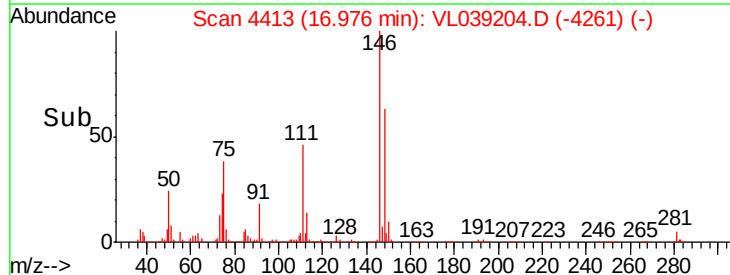
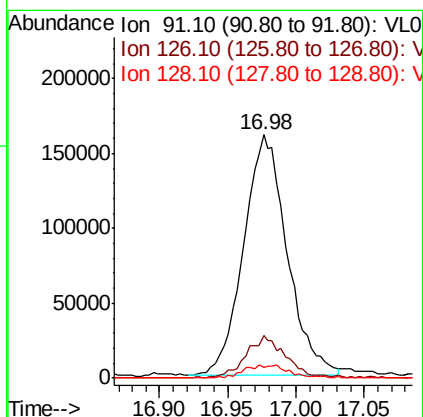
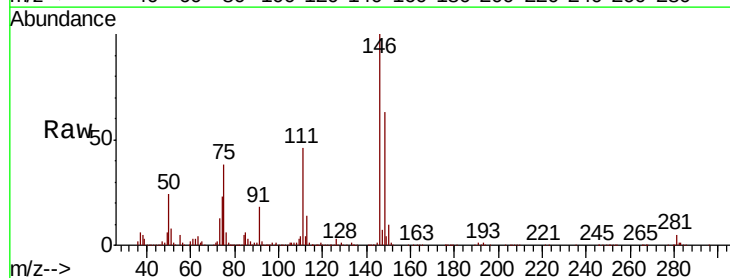
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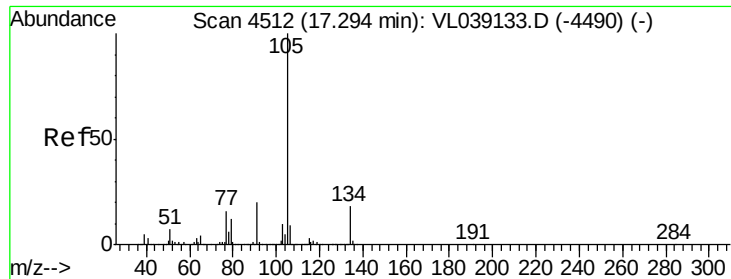
Reviewed By : Semsettin Yesilyurt 06/10/2022
Supervised By : Mahesh Dadoda 06/10/2022



#66
Benzyl Chloride
Concen: 5.532 ppbv
RT: 16.98 min Scan# 4413
Delta R.T.: -0.01 min
Lab File: VL039204.D
Acq: 7 Jun 2022 11:12

Tgt Ion: 91 Resp: 356728
Ion Ratio Lower Upper
91 100
126 16.3 13.4 20.0
128 5.6 4.1 6.1





#67

sec-Butylbenzene

Concen: 10.109 ppbv

RT: 17.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12

Tot Ion:1

Ion Ratio

105 100

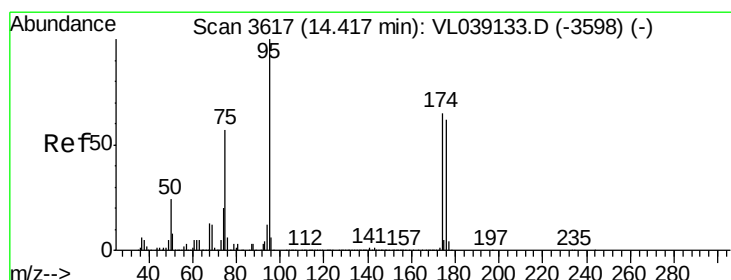
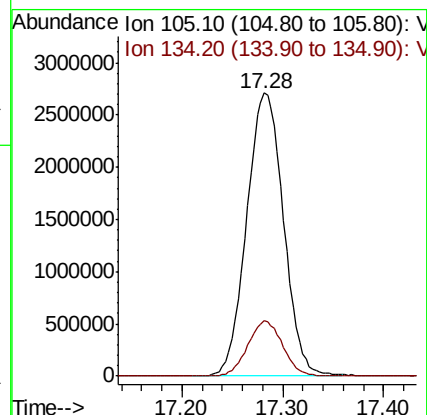
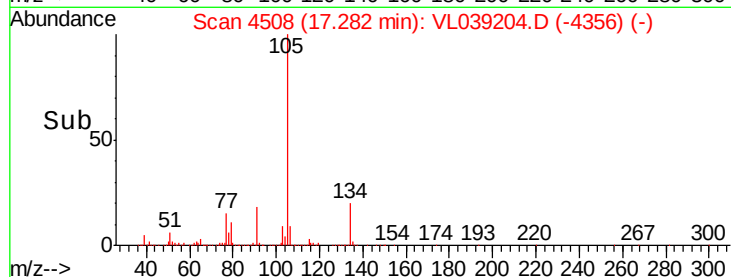
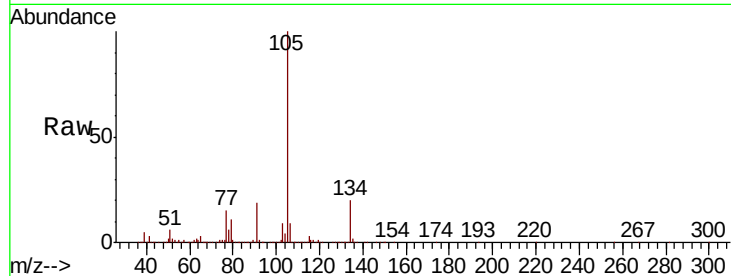
134 18.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.087 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

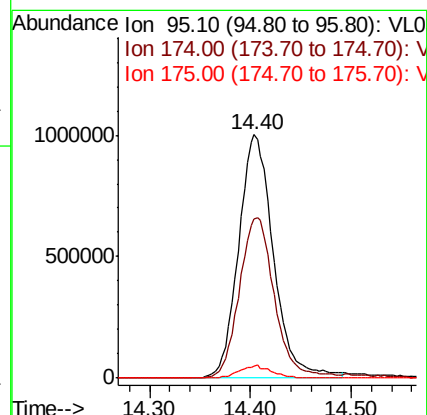
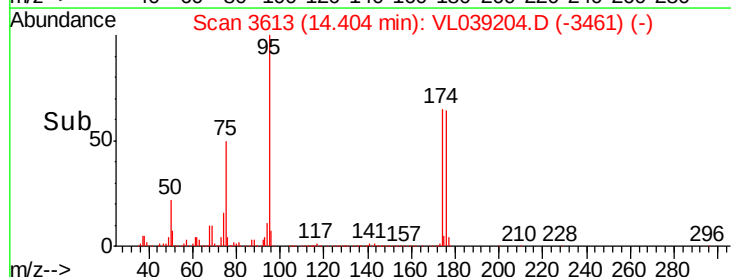
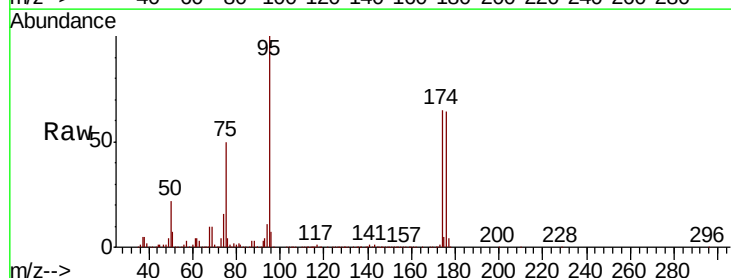
Tgt Ion: 95 Resp: 2404824

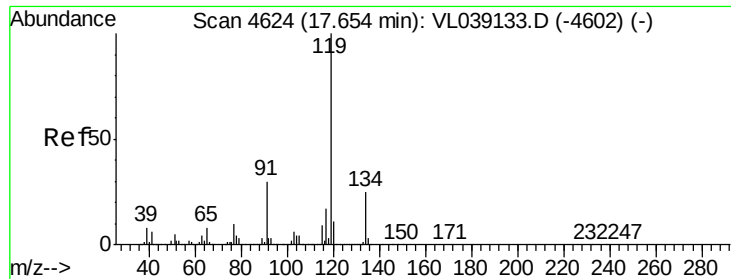
Ion Ratio Lower Upper

95 100

174 68.5 53.8 80.8

175 5.1 4.1 6.1



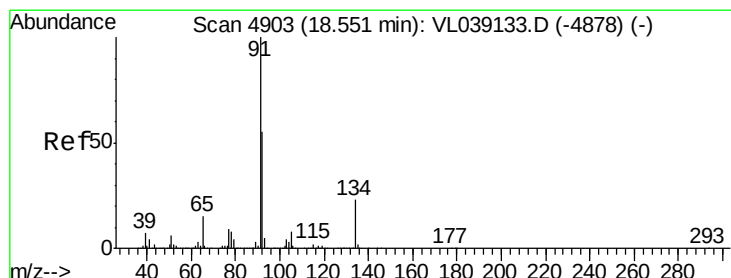
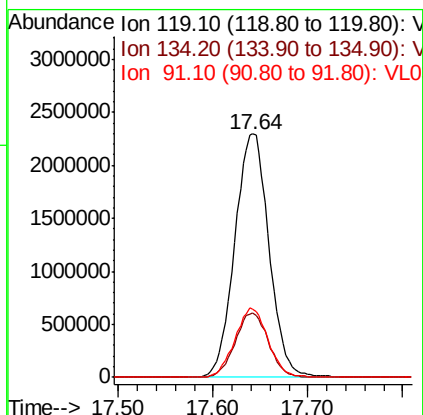
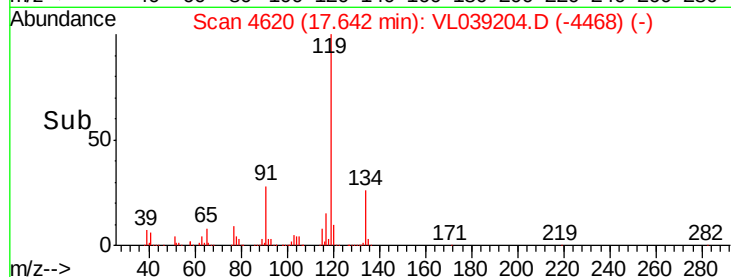
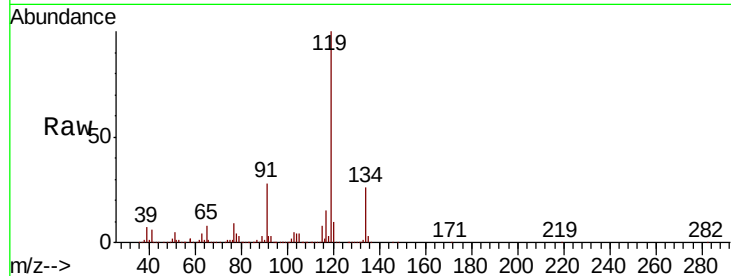


#69
 p-Isopropyltoluene
 Concen: 10.103 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 27.

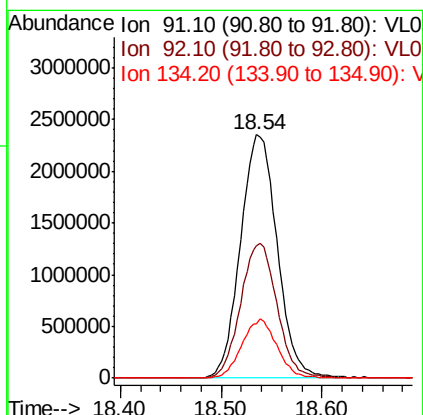
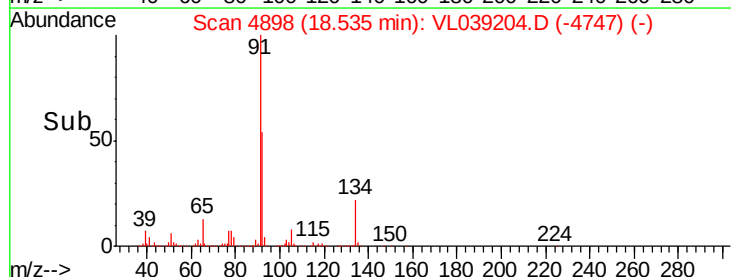
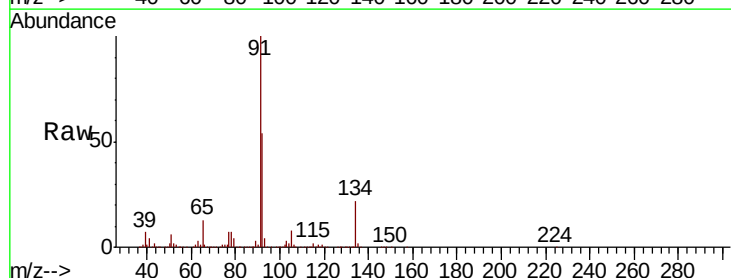
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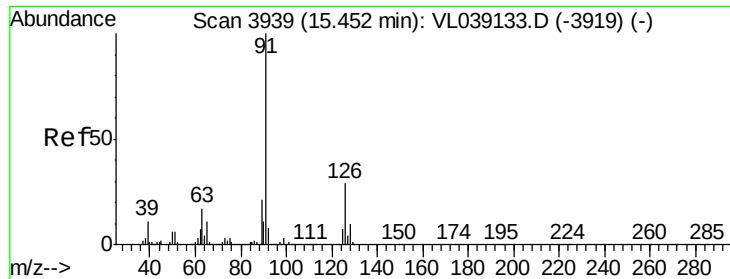
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#70
 n-Butylbenzene
 Concen: 10.120 ppbv
 RT: 18.54 min Scan# 4898
 Delta R.T. -0.02 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion: 91 Resp: 5930128
 Ion Ratio Lower Upper
 91 100
 92 55.2 43.6 65.4
 134 23.3 17.7 26.5



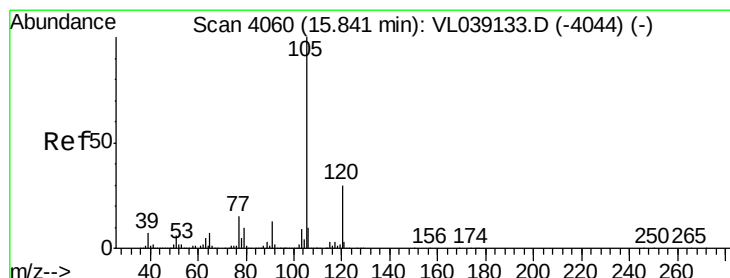
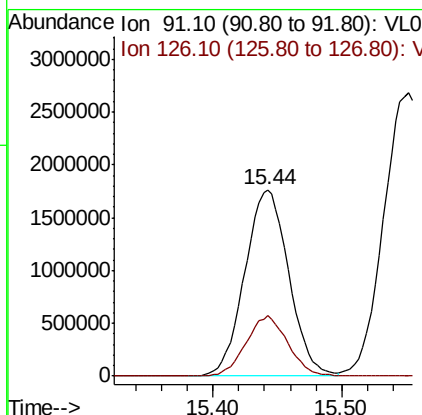
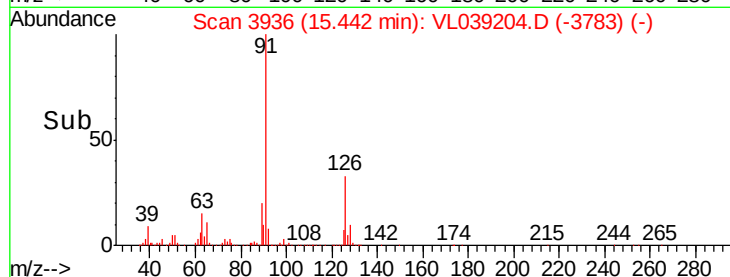
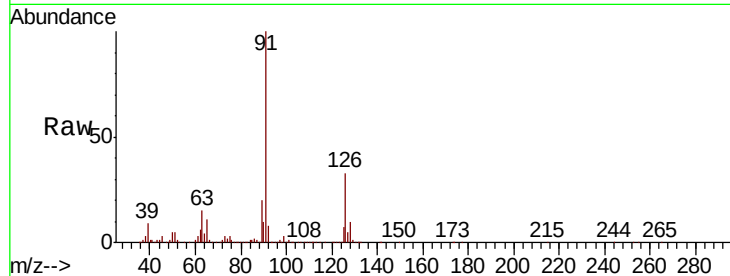


#71
 2-Chlorotoluene
 Concen: 10.104 ppbv
 RT: 15.44 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:
 Ion Ratio
 91 100
 126 31.

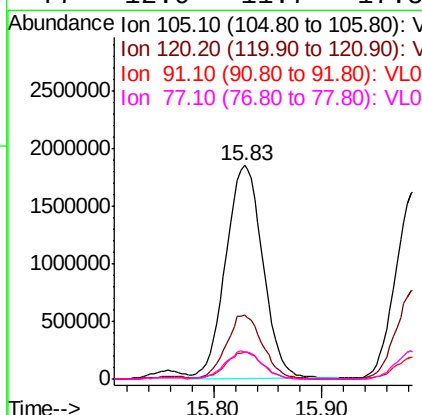
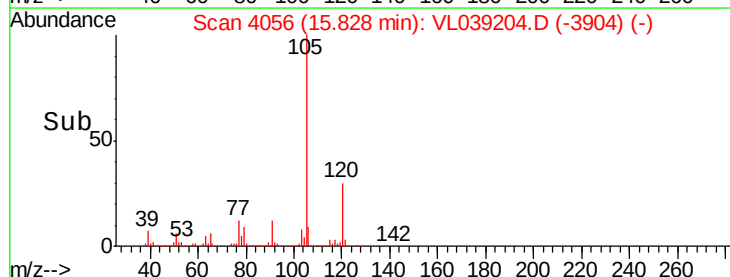
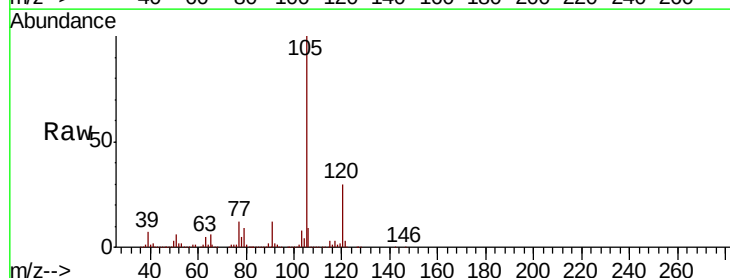
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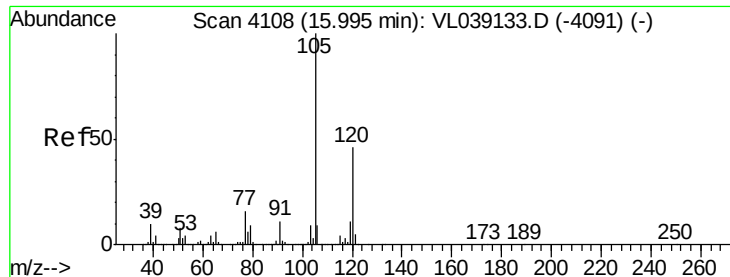
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 10.372 ppbv
 RT: 15.83 min Scan# 4056
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:105 Resp: 4435366
 Ion Ratio Lower Upper
 105 100
 120 29.4 23.9 35.9
 91 12.3 10.6 16.0
 77 12.9 11.7 17.5



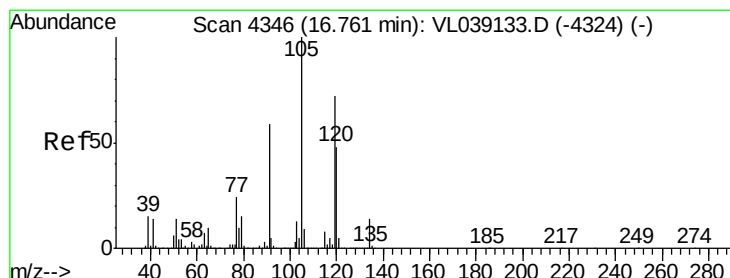
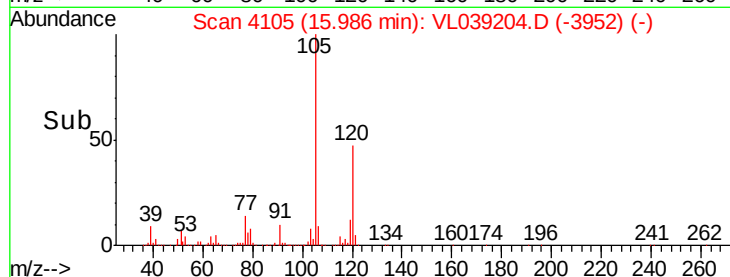
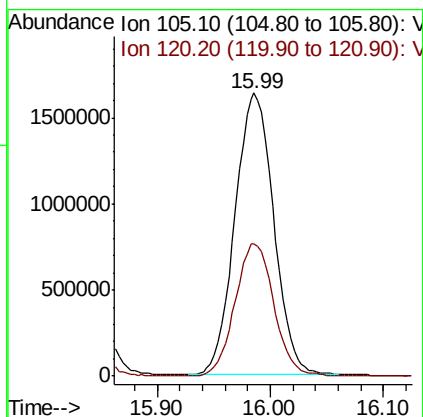
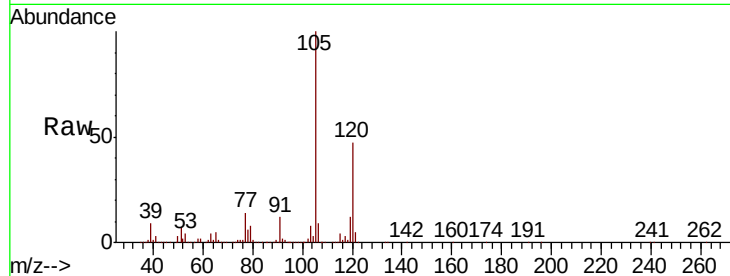


#73
 1,3,5-Trimethylbenzene
 Concen: 10.113 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:1
 Ion Rati
 105 100
 120 46.

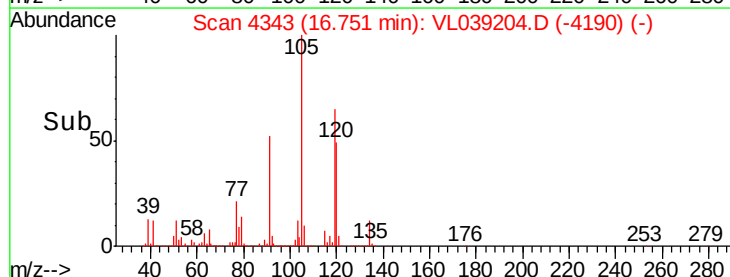
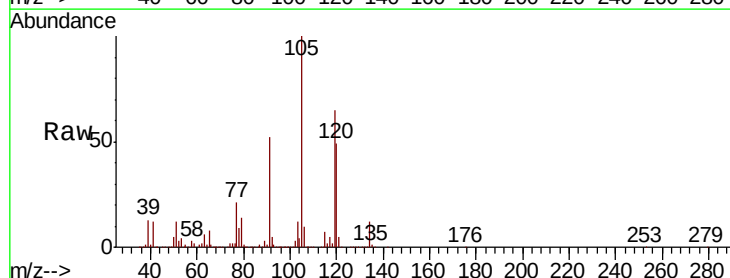
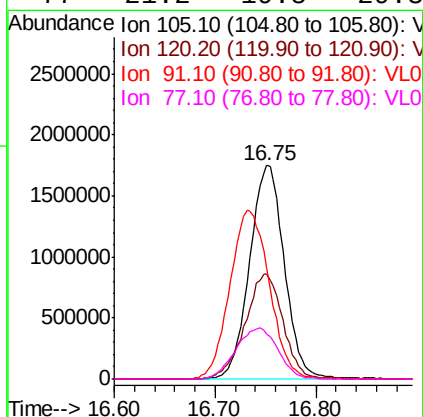
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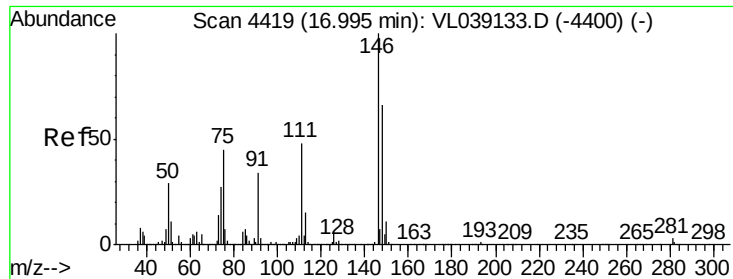
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.658 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:105 Resp: 4157352
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.1 57.1
 91 52.3 47.4 71.0
 77 21.2 19.5 29.3



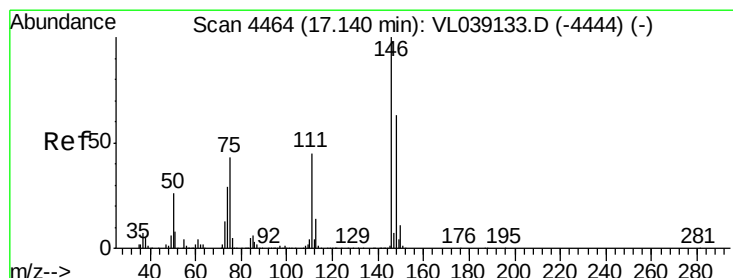
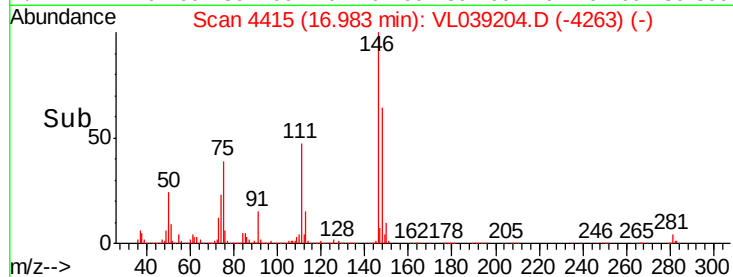
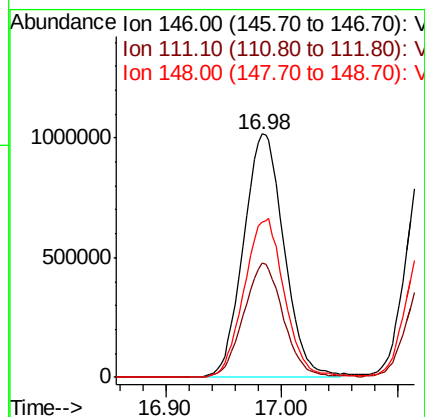
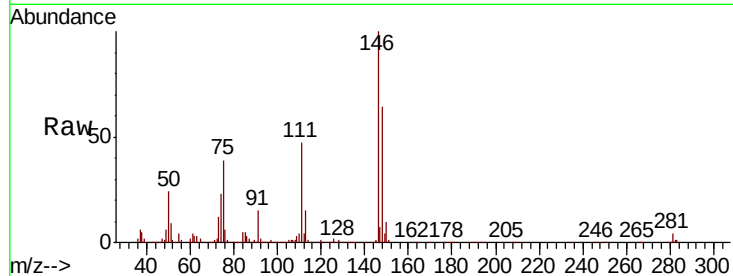


#75
 1,3-Dichlorobenzene
 Concen: 10.155 ppbv
 RT: 16.98
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 65.

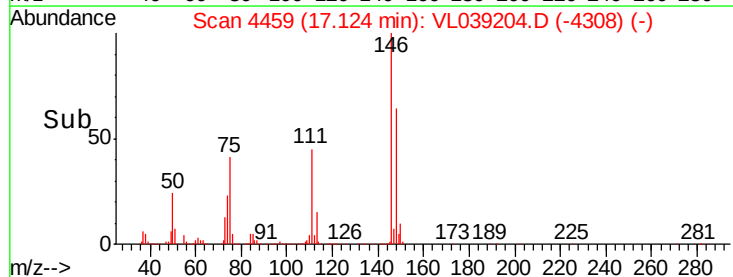
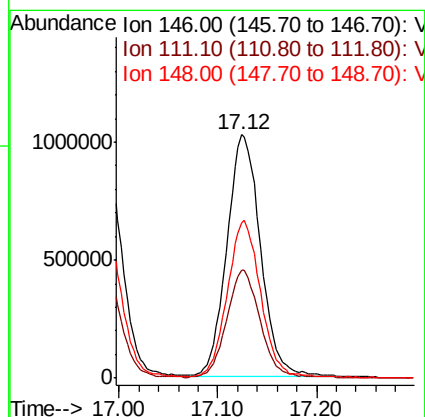
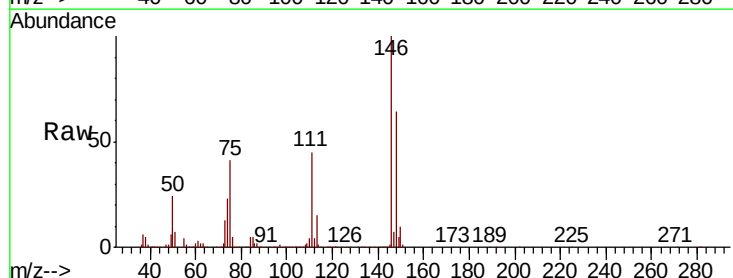
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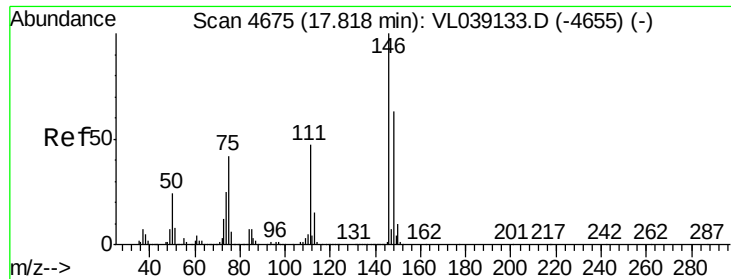
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#76
 1,4-Dichlorobenzene
 Concen: 9.999 ppbv
 RT: 17.12 min Scan# 4459
 Delta R.T. -0.02 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:146 Resp: 2430585
 Ion Ratio Lower Upper
 146 100
 111 45.7 23.6 71.0
 148 64.5 33.7 101.0



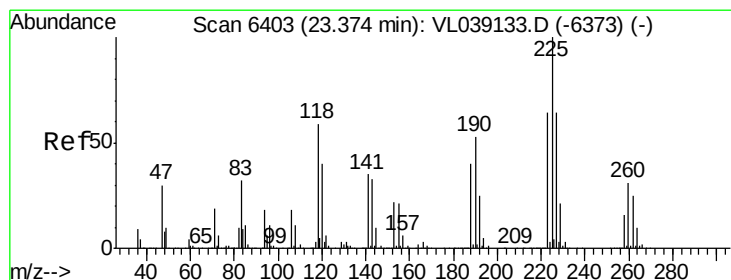
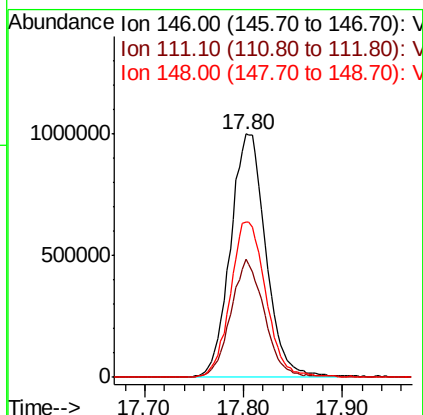
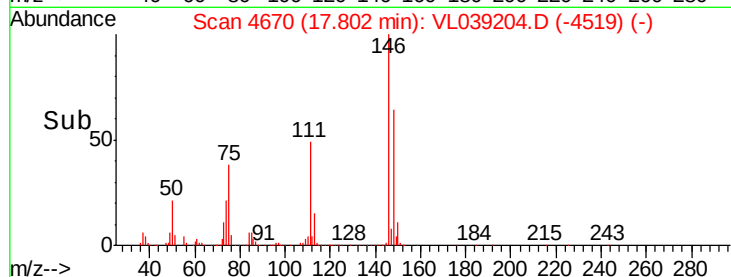
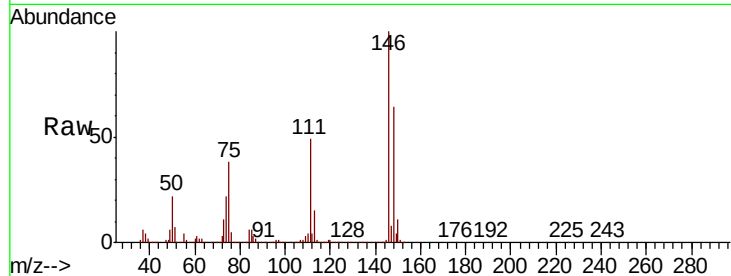


#77
 1,2-Dichlorobenzene
 Concen: 10.067 ppbv
 RT: 17.80 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 7 Jun 2022 11:12

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 64.

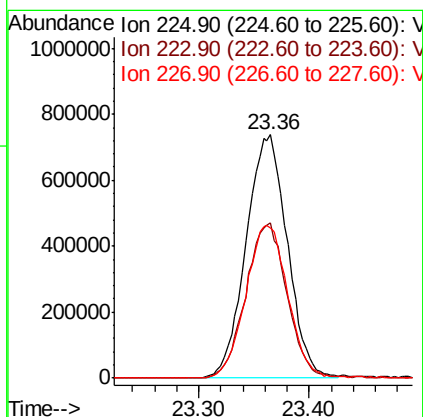
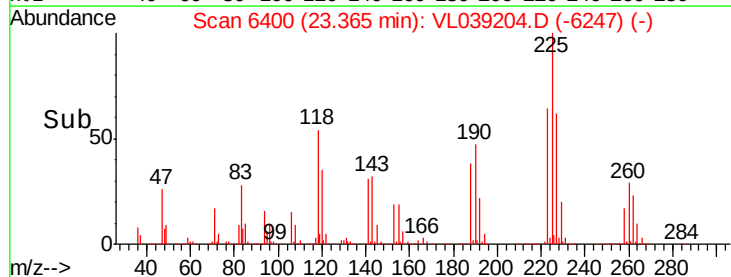
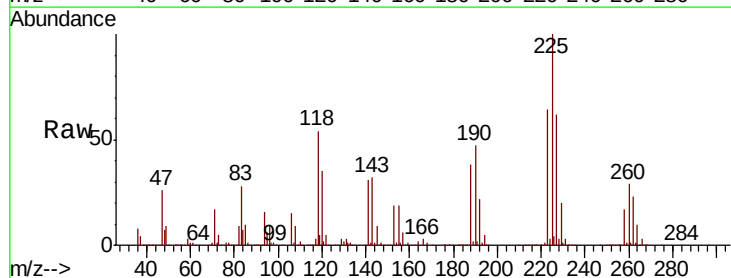
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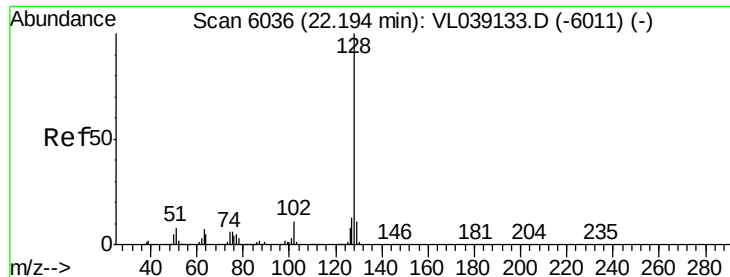
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.502 ppbv
 RT: 23.36 min Scan# 6400
 Delta R.T. -0.01 min
 Lab File: VL039204.D
 Acq: 7 Jun 2022 11:12

Tgt Ion:225 Resp: 1909079
 Ion Ratio Lower Upper
 225 100
 223 64.1 51.4 77.0
 227 64.6 50.6 75.8





#79

Naphthalene

Concen: 11.031 ppbv

RT: 22.18

Delta R.T. MSVOA_L

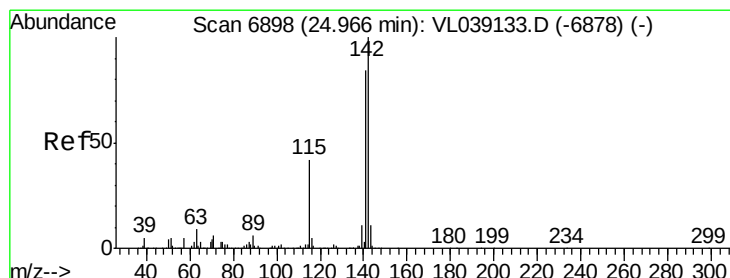
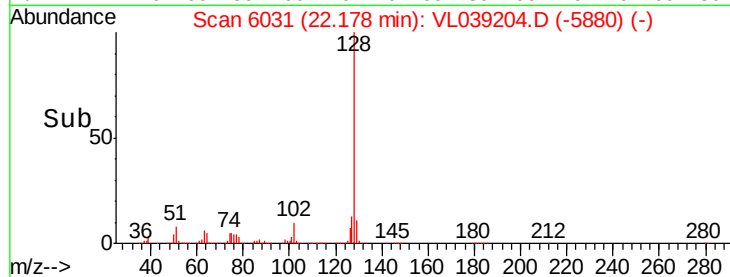
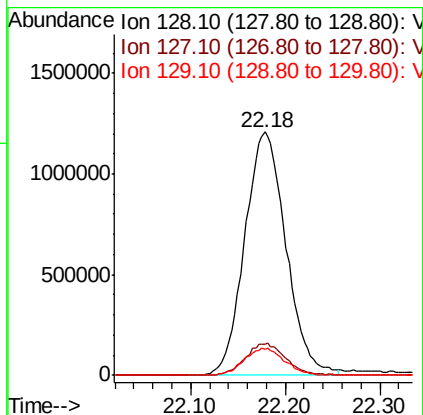
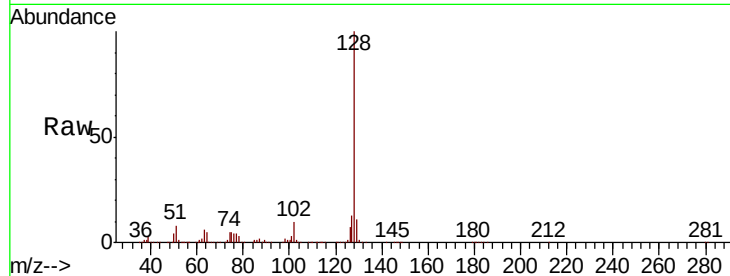
Lab File: ClientSampleId :

Acq: 7 Jun 2022 11:12

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

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Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80

Naphthalene, 2-methyl-

Concen: 7.637 ppbv

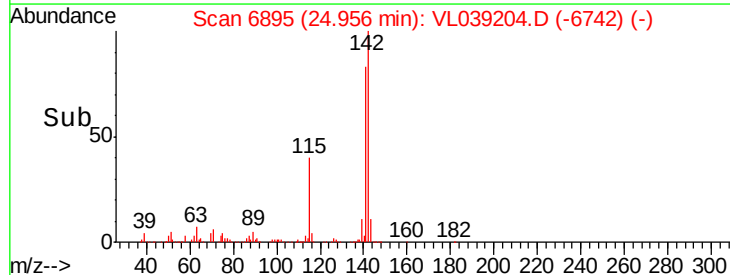
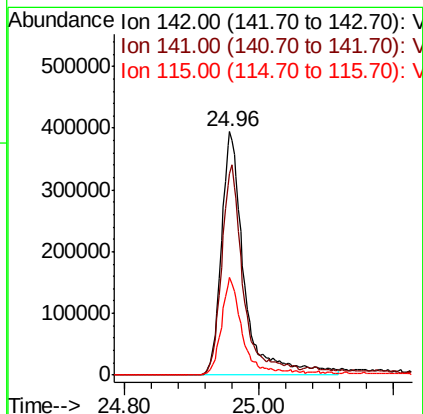
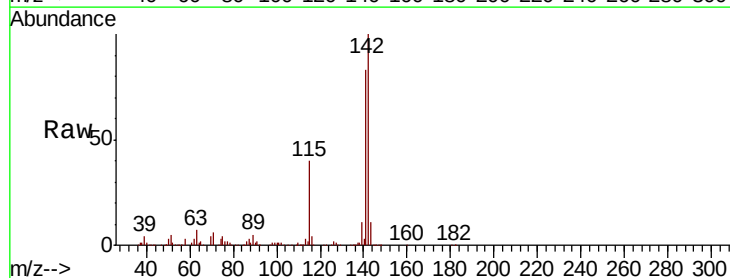
RT: 24.96 min Scan# 6895

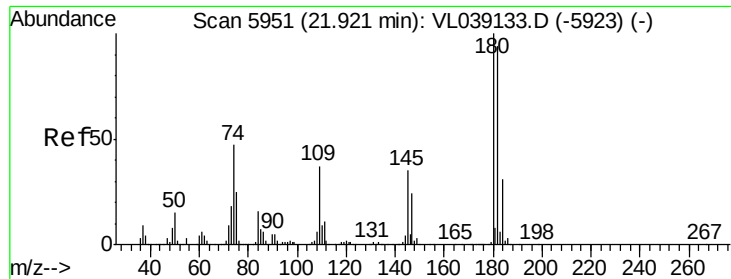
Delta R.T. -0.01 min

Lab File: VL039204.D

Acq: 7 Jun 2022 11:12

Tgt Ion:142 Resp: 940196
Ion Ratio Lower Upper
142 100
141 87.2 64.6 96.8
115 37.3 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.780 ppbv
 RT: 21.91
 Delta R.T
 Lab File: VSTDCCC010
 Acq: 7 Jun 2022 11.12

Tot Ion: 1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

