

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038810.D
 Acq On : 31 Mar 2022 10:22
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Apr 01 05:19:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	840838	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	2405515	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	2131840m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1616454	9.89	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1096119	9.697	ppbv 100
3) Chlorodifluoromethane	3.01	51	905725	10.199	ppbv 99
4) Chloromethane	3.16	50	496925	10.192	ppbv 100
5) Vinyl Chloride	3.28	62	490227	9.895	ppbv 100
6) Bromomethane	3.49	94	263797	9.988	ppbv 100
7) Chloroethane	3.57	64	165757	10.107	ppbv 97
8) Dichlorotetrafluoroethane	3.20	85	1127616	9.992	ppbv 93
9) Propene	3.02	41	440829	10.282	ppbv 99
10) Heptane	8.14	43	1124340	10.971	ppbv 100
11) Trichlorofluoromethane	3.97	101	999267	10.016	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	800749	10.427	ppbv 95
13) Ethanol	3.62	45	39348m	8.320	ppbv
14) Bromoethene	3.75	108	363077	10.638	ppbv 98
15) Acetone	3.86	43	704695	9.713	ppbv 99
16) 1,3-Butadiene	3.34	39	426164	10.350	ppbv 99
17) tert-Butyl alcohol	4.30	59	766222	12.092	ppbv 100
18) 1,1-Dichloroethene	4.30	96	364553	10.567	ppbv 96
19) Isopropyl Alcohol	3.98	45	417523	10.379	ppbv # 98
20) Methylene Chloride	4.36	84	305266	9.989	ppbv 97
21) Allyl Chloride	4.43	41	551419	10.560	ppbv 98
22) trans-1,2-Dichloroethene	4.90	96	392732	10.975	ppbv 99
23) Vinyl Acetate	5.09	43	806302	11.477	ppbv 98
24) 1,1-Dichloroethane	5.02	63	728904	10.535	ppbv 100
25) Ethyl Acetate	5.69	43	1910162	10.458	ppbv 99
26) Hexane	5.70	57	863887	10.565	ppbv 97
27) Carbon Disulfide	4.56	76	958477	11.949	ppbv 99
28) Methyl tert-Butyl Ether	5.05	73	698350	11.465	ppbv 99
29) Chloroform	5.77	83	1342445	10.254	ppbv 100
30) Cyclohexane	7.14	84	759631	10.684	ppbv 98
31) cis-1,2-Dichloroethene	5.56	61	827576	10.764	ppbv 96
32) 1,1,1-Trichloroethane	6.53	97	1337157	10.583	ppbv 98
34) 2-Butanone	5.26	43	844677	8.872	ppbv 99
35) Carbon Tetrachloride	7.03	117	1393923	9.987	ppbv 99
36) Benzene	6.91	78	1874754	10.098	ppbv 100
37) 1,2-Dichloroethane	6.32	62	920236	9.744	ppbv 99
38) Trichloroethene	7.85	130	808242	10.392	ppbv 97
39) 1,2-Dichloropropane	7.63	63	710742	9.793	ppbv 98
40) 1,4-Dioxane	7.85	88	248189	9.847	ppbv 93
41) Tetrahydrofuran	6.06	42	737540	10.408	ppbv 100
42) Bromodichloromethane	7.81	83	1443932	10.198	ppbv 100
43) Methyl Methacrylate	8.03	69	745206	10.812	ppbv 98

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Manual Integrations
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Quant Time: Apr 01 05:19:36 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	3024471	9.703	ppbv	99
45) t-1,3-Dichloropropene	9.29	75	792501	11.308	ppbv	99
46) cis-1,3-Dichloropropene	8.72	75	999466	10.547	ppbv	100
47) 1,1,2-Trichloroethane	9.49	97	767876	9.910	ppbv	100
48) Dibromochloromethane	10.32	129	1336660	11.012	ppbv	100
49) Bromoform	13.06	173	1107982	11.200	ppbv	100
50) 4-Methyl-2-Pentanone	8.76	43	1775311	10.029	ppbv	99
51) 2-Hexanone	10.15	43	1357246	10.675	ppbv	100
52) Tetrachloroethene	11.24	164	706251	10.395	ppbv	97
53) Toluene	9.82	91	2135190	10.704	ppbv	100
54) 1,2-Dibromoethane	10.63	107	1122728	10.611	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.14	131	910017	10.296	ppbv	97
57) Chlorobenzene	12.17	112	1558676	10.137	ppbv	97
58) Ethyl Benzene	12.73	91	2738336	10.987	ppbv	100
59) m/p-Xylene	13.01	91	4513894m	20.705	ppbv	
60) o-Xylene	13.71	91	2112349	10.205	ppbv	97
61) Styrene	13.54	104	1332513	11.871	ppbv	99
62) Isopropylbenzene	14.68	105	3249930	10.444	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.69	83	1401523	8.741	ppbv	99
64) n-propylbenzene	15.58	120	861981	10.556	ppbv	99
65) tert-Butylbenzene	16.76	119	2784907	9.960	ppbv	98
66) Benzyl Chloride	17.00	91	474230	8.957	ppbv	98
67) sec-Butylbenzene	17.31	105	3927771	9.822	ppbv	100
69) p-Isopropyltoluene	17.67	119	3251272	9.962	ppbv	99
70) n-Butylbenzene	18.56	91	3214420	9.549	ppbv	99
71) 2-Chlorotoluene	15.47	91	2315127	10.023	ppbv	98
72) 4-Ethyltoluene	15.85	105	2601071	10.645	ppbv	99
73) 1,3,5-Trimethylbenzene	16.01	105	2265828	10.176	ppbv	97
74) 1,2,4-Trimethylbenzene	16.78	105	2387486	9.844	ppbv	97
75) 1,3-Dichlorobenzene	17.01	146	1501625	9.721	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	1465720	9.541	ppbv	98
77) 1,2-Dichlorobenzene	17.83	146	1436028	9.384	ppbv	99
78) Hexachloro-1,3-Butadiene	23.39	225	960388	6.790	ppbv	100
79) Naphthalene	22.21	128	1668834	9.006	ppbv	99
80) Naphthalene,2-methyl-	24.98	142	351384	7.072	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1034435	8.155	ppbv	99

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

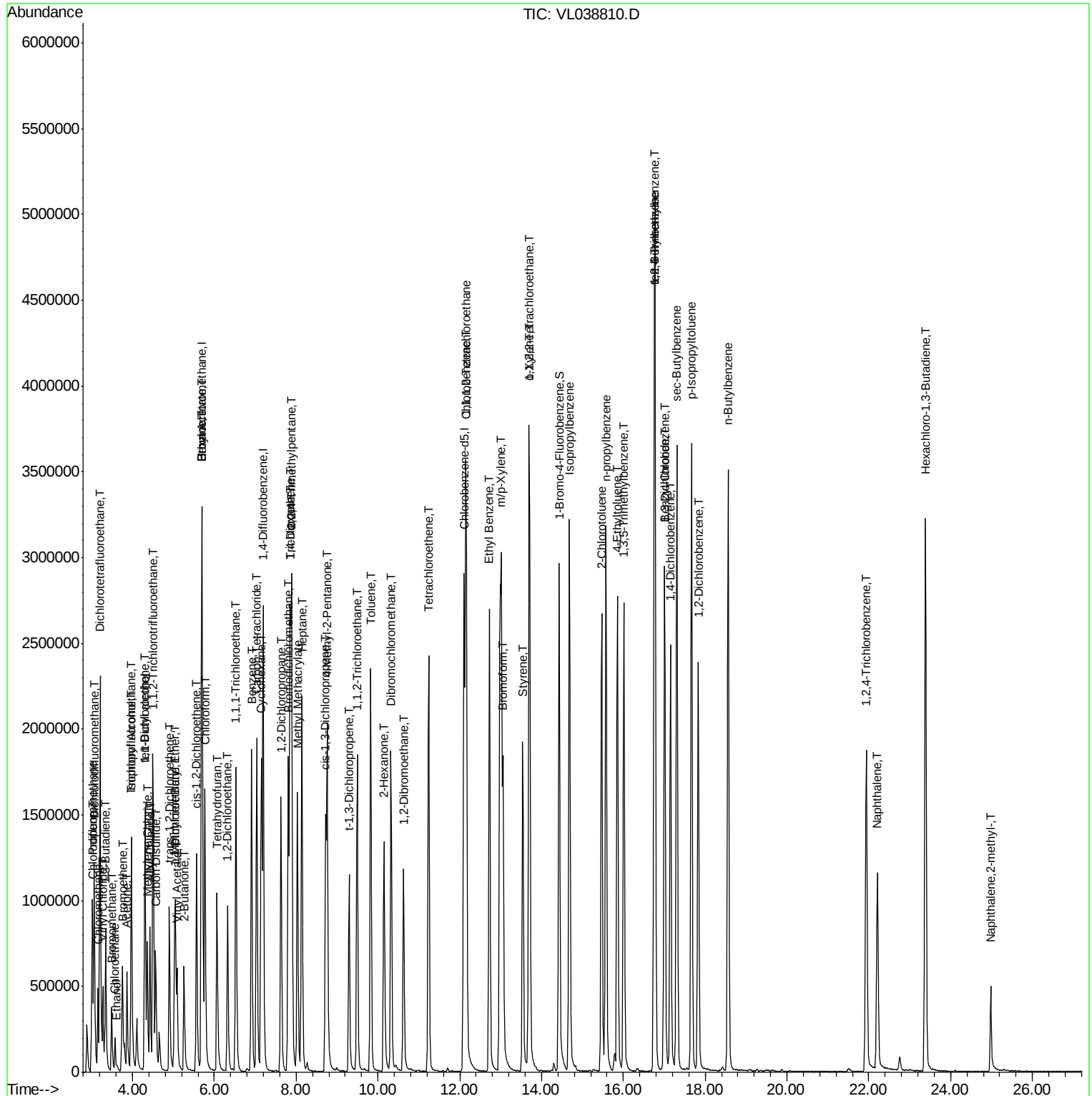
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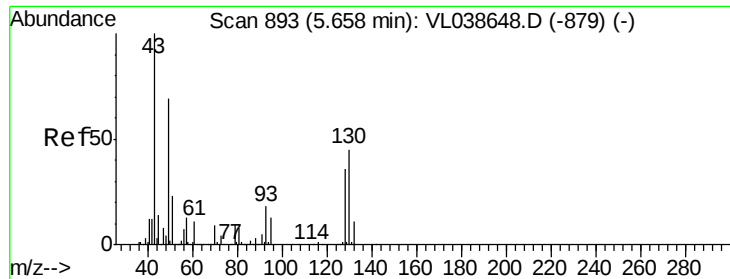
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Apr 01 05:19:36 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032122
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QLast Update : Mon Mar 21 17:09:26 2022
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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

49 100

128 56.

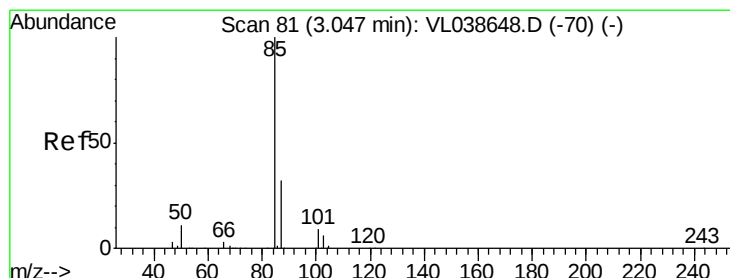
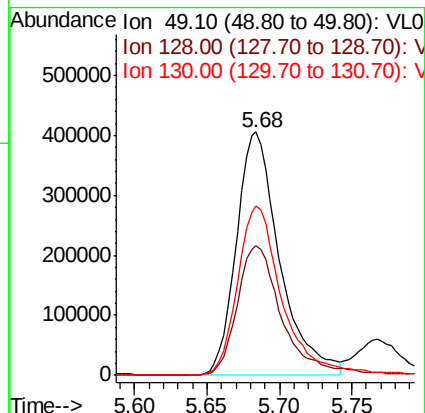
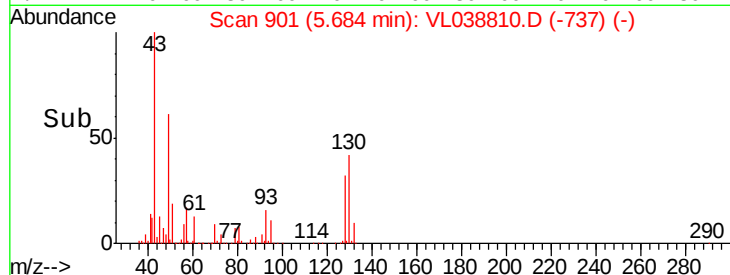
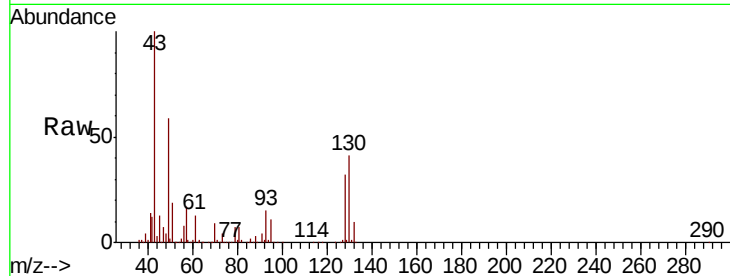
130 72.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#2

Dichlorodifluoromethane

Concen: 9.697 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.02 min

Lab File: VL038810.D

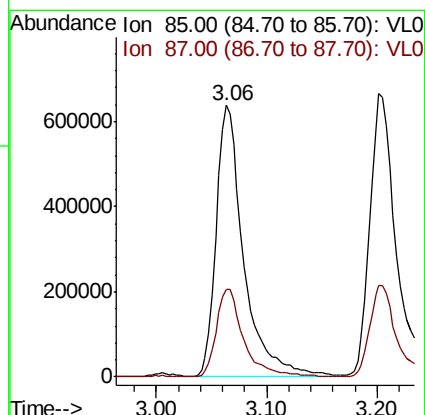
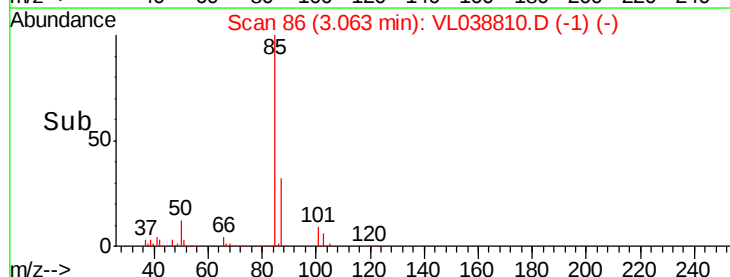
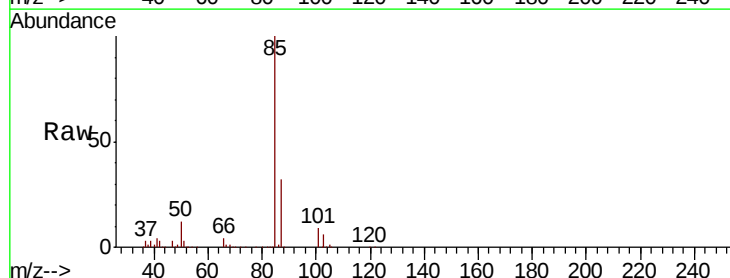
Acq: 31 Mar 2022 10:22

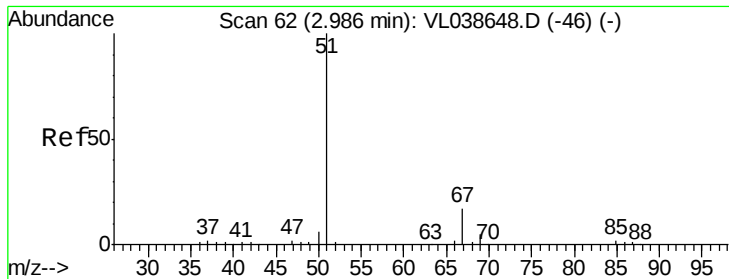
Tgt Ion: 85 Resp: 1096119

Ion Ratio Lower Upper

85 100

87 32.3 26.0 39.0





#3

Chlorodifluoromethane

Concen: 10.199 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

51 100

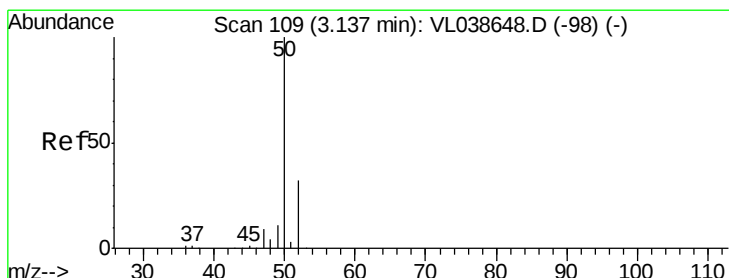
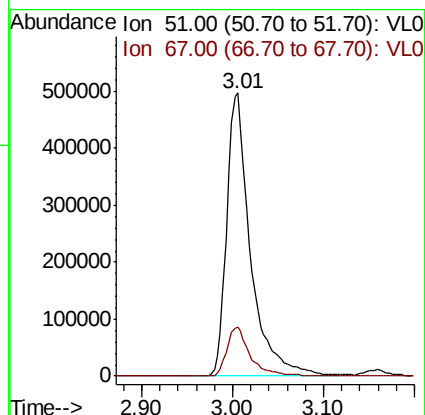
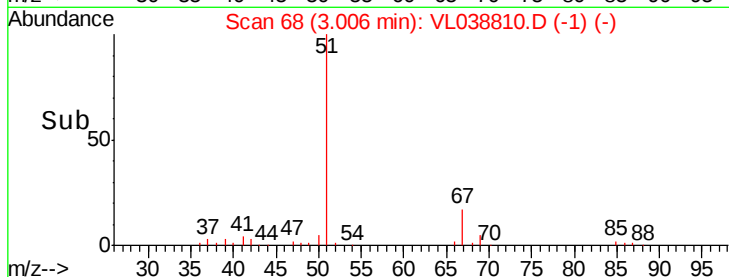
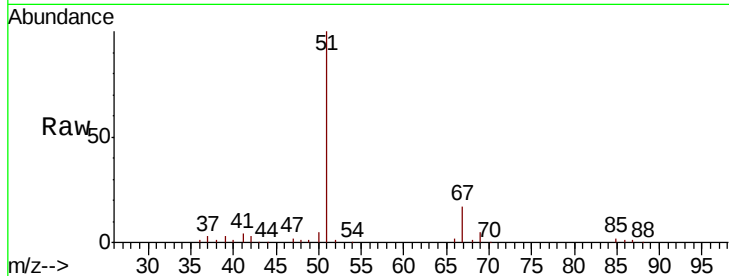
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#4

Chloromethane

Concen: 10.192 ppbv

RT: 3.16 min Scan# 115

Delta R.T. 0.02 min

Lab File: VL038810.D

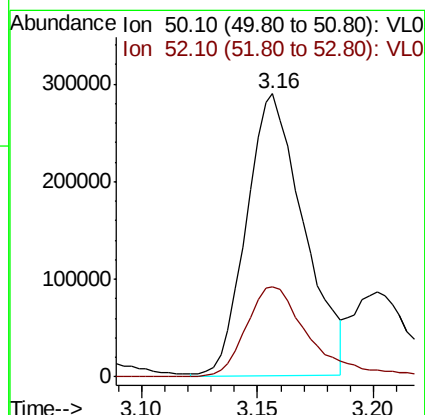
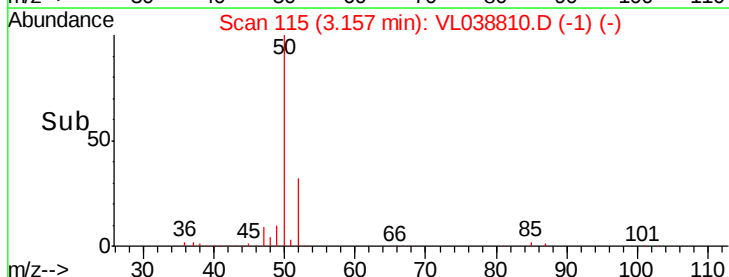
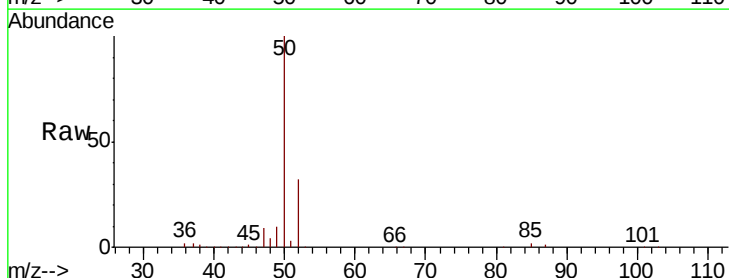
Acq: 31 Mar 2022 10:22

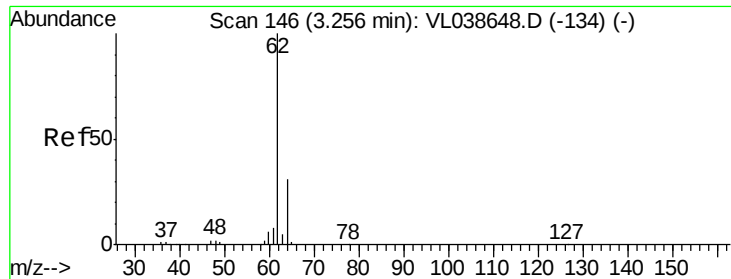
Tgt Ion: 50 Resp: 496925

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3





#5

Vinyl Chloride

Concen: 9.895 ppbv

RT: 3.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

62 100

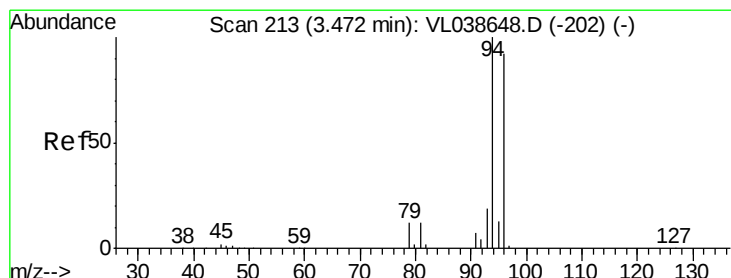
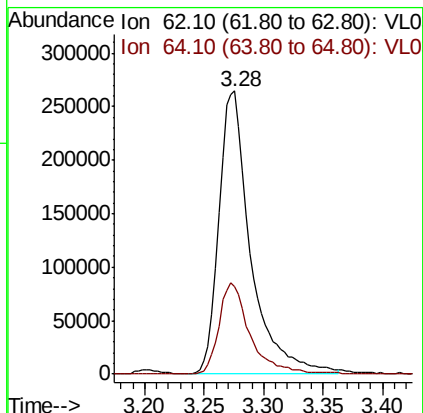
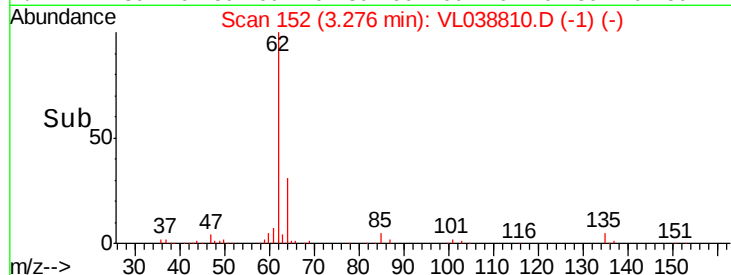
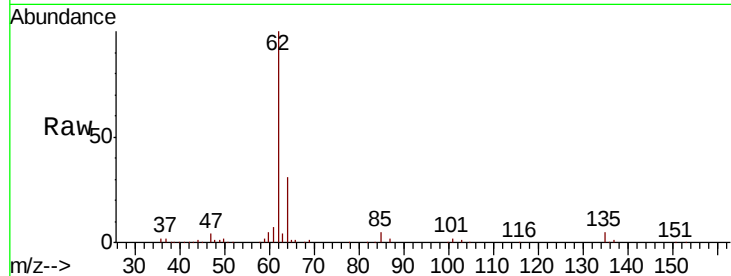
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#6

Bromomethane

Concen: 9.988 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.02 min

Lab File: VL038810.D

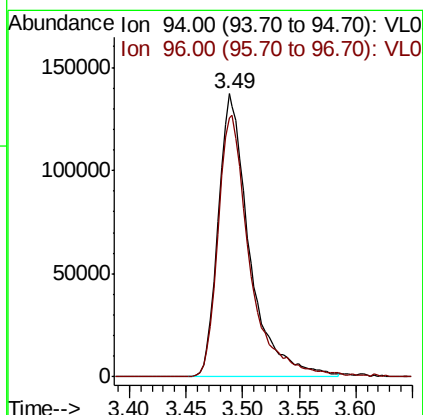
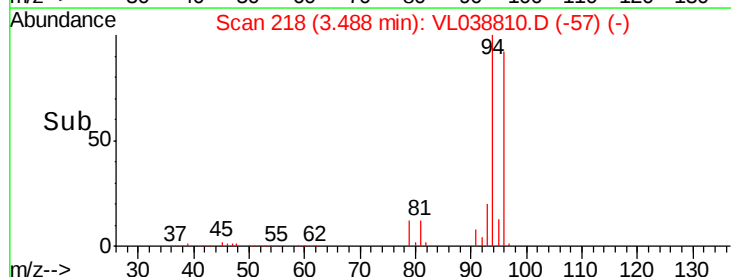
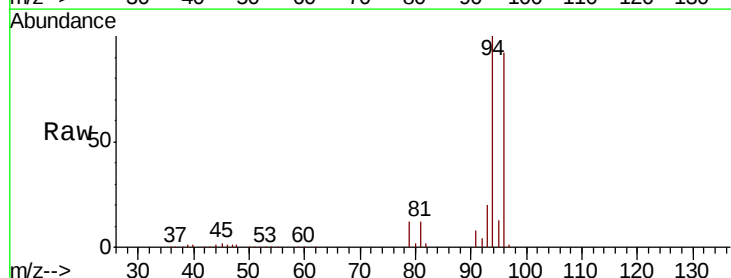
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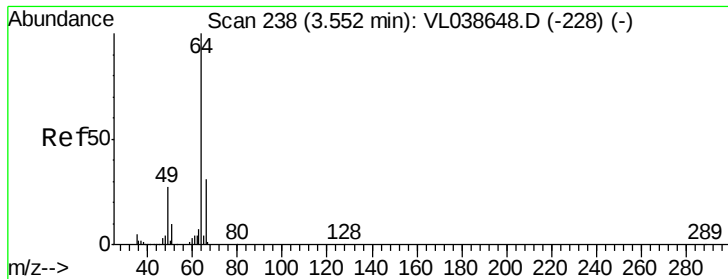
Tgt Ion: 94 Resp: 263797

Ion Ratio Lower Upper

94 100

96 91.7 73.3 109.9





#7

Chloroethane

Concen: 10.107 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 10:22 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

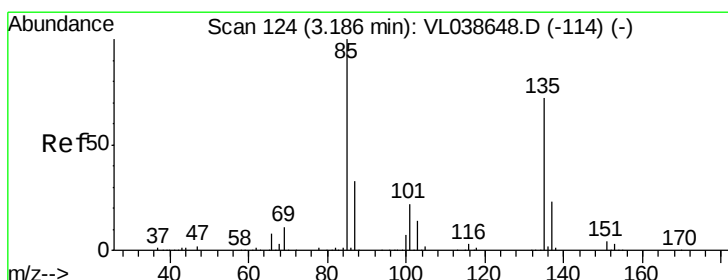
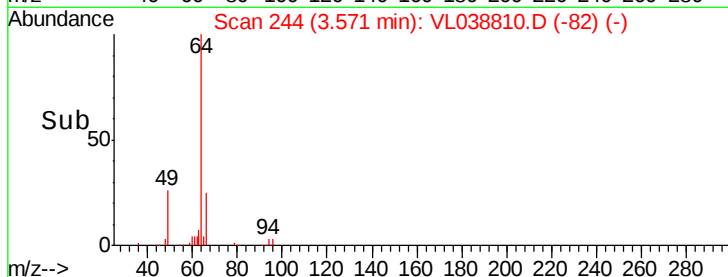
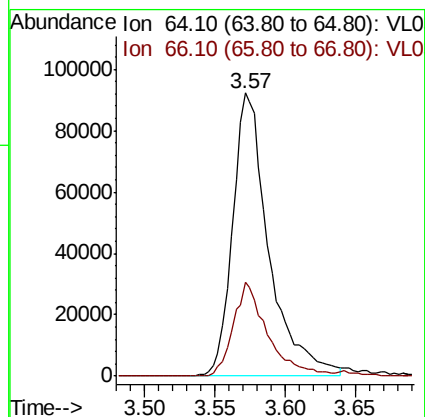
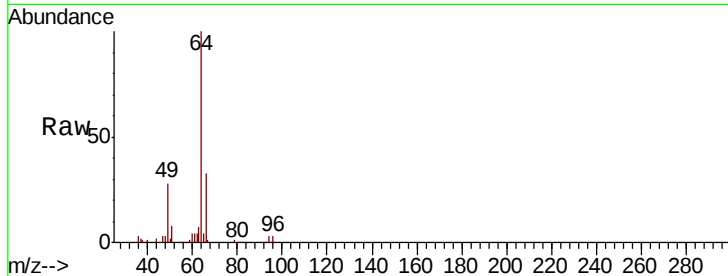
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#8

Dichlorotetrafluoroethane

Concen: 9.992 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.02 min

Lab File: VL038810.D

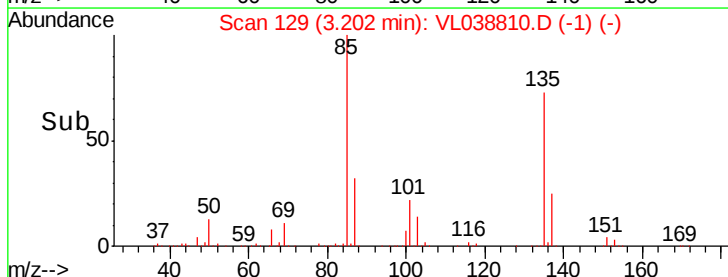
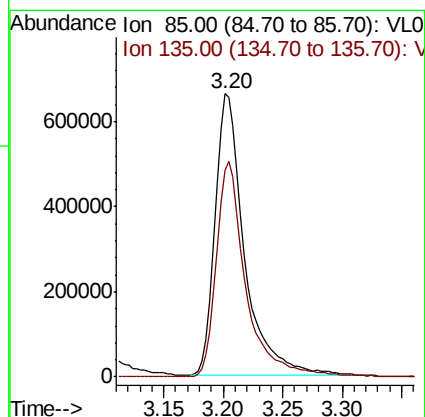
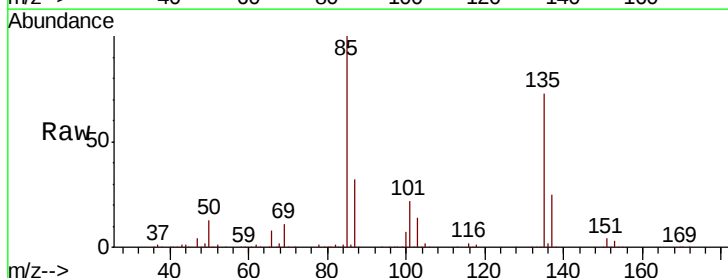
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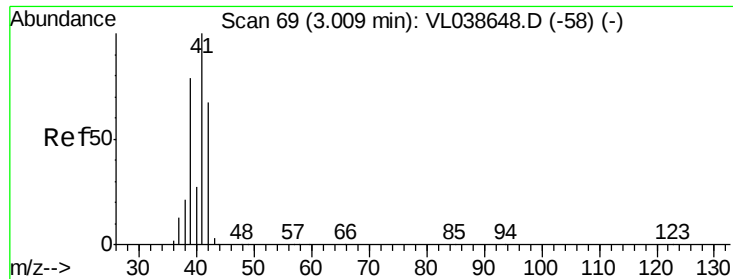
Tgt Ion: 85 Resp: 1127616

Ion Ratio Lower Upper

85 100

135 77.8 57.8 86.6



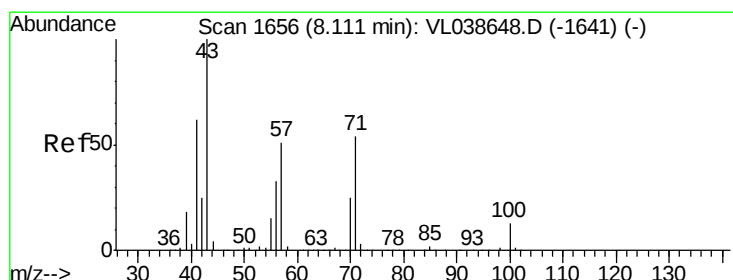
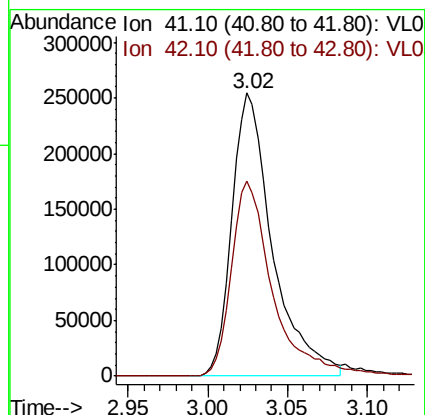
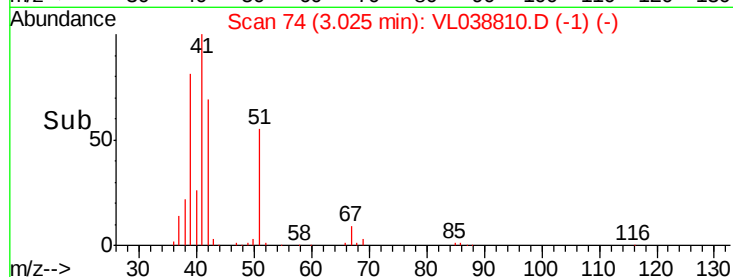
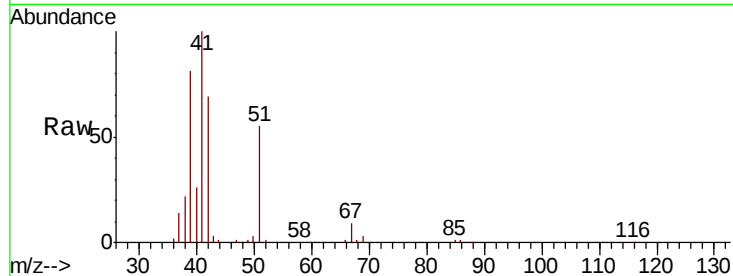


#9
 Propene
 Concen: 10.282 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 41 100
 42 71.

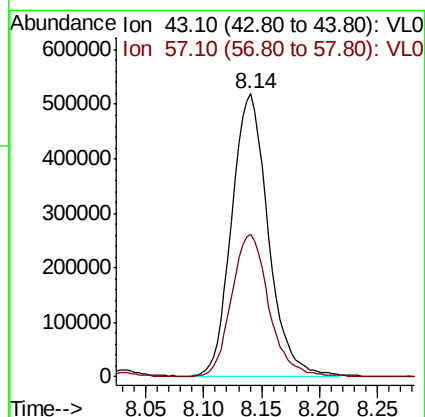
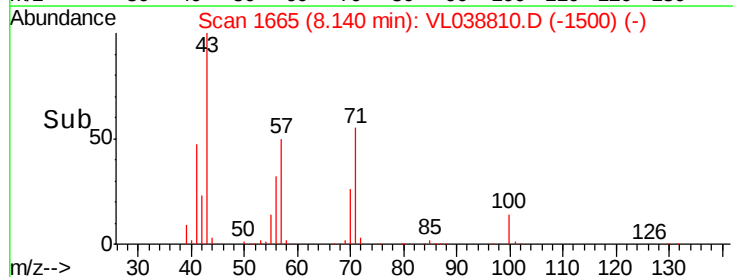
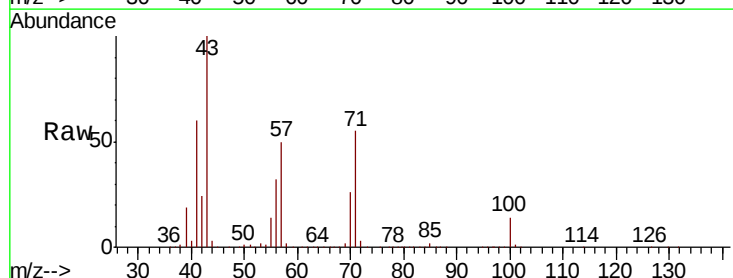
Manual Integrations
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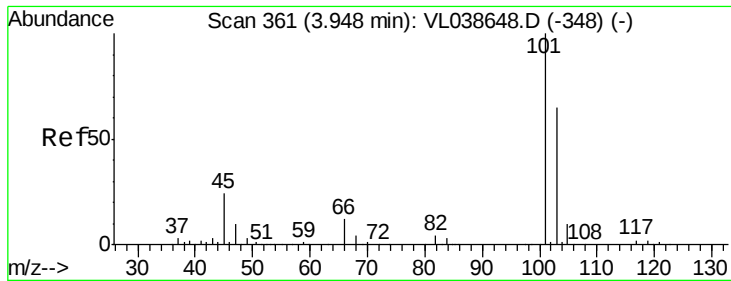
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#10
 Heptane
 Concen: 10.971 ppbv
 RT: 8.14 min Scan# 1665
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 43 Resp: 1124340
 Ion Ratio Lower Upper
 43 100
 57 51.9 41.4 62.2



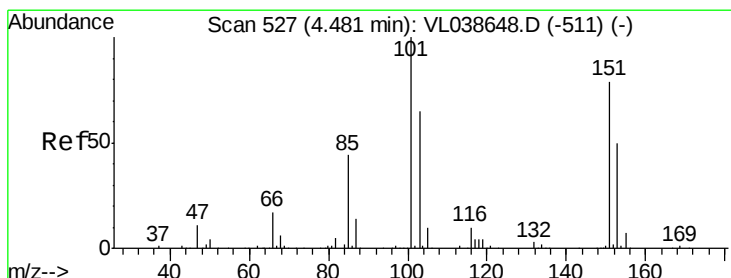
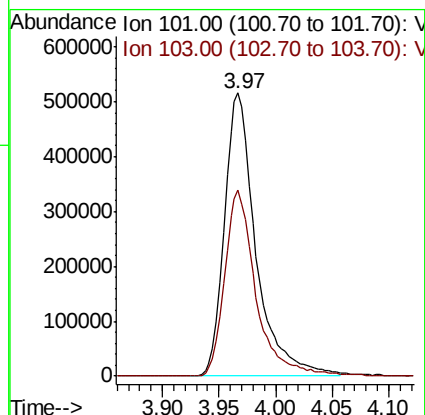
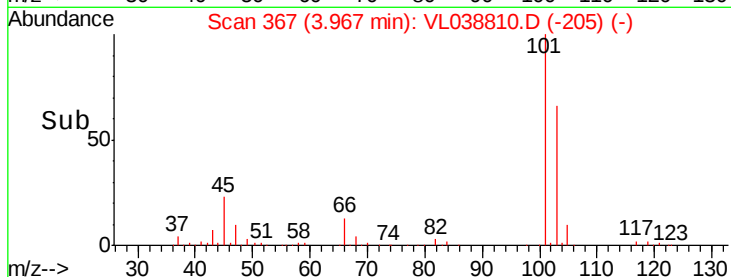
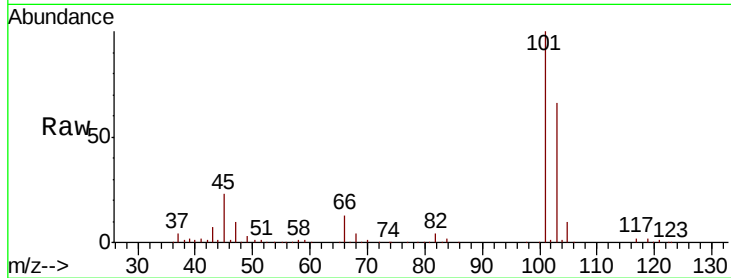


#11
 Trichlorofluoromethane
 Concen: 10.016 ppbv
 RT: 3.97
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:1
 Ion Rati
 101 100
 103 65.

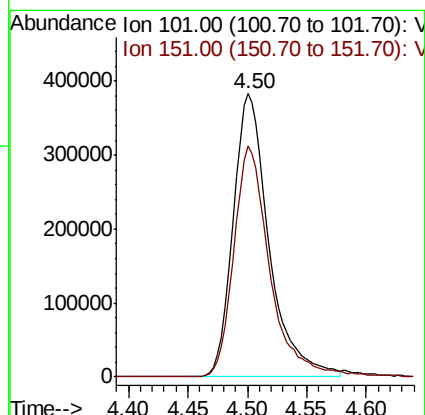
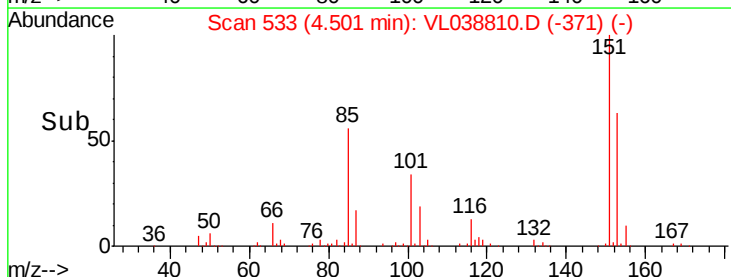
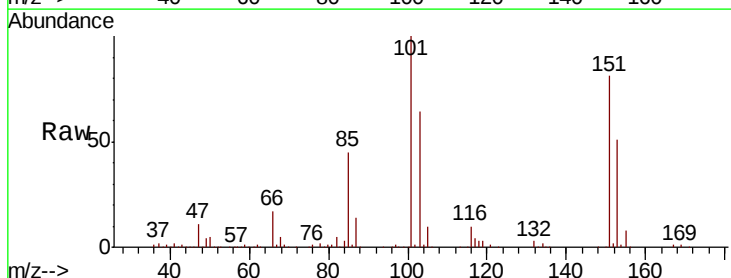
Manual Integrations
 APPROVED

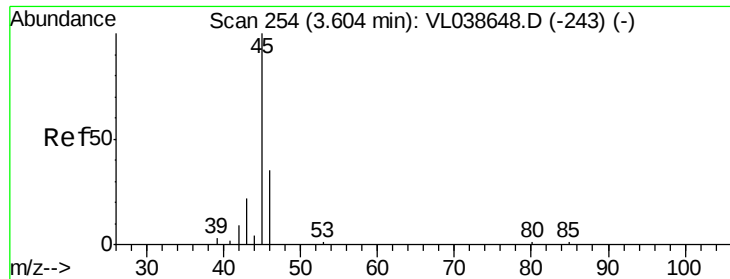
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.427 ppbv
 RT: 4.50 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:101 Resp: 800749
 Ion Ratio Lower Upper
 101 100
 151 82.6 62.9 94.3





#13

Ethanol

Concen: 8.320 ppbv m

RT: 3.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

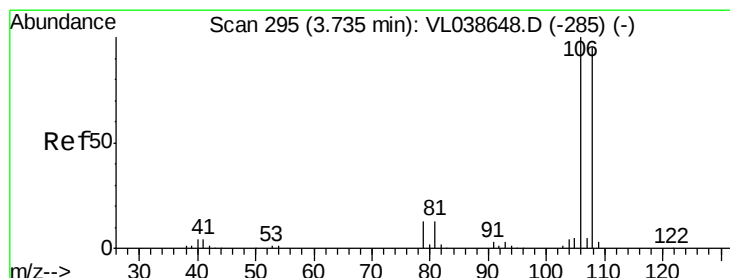
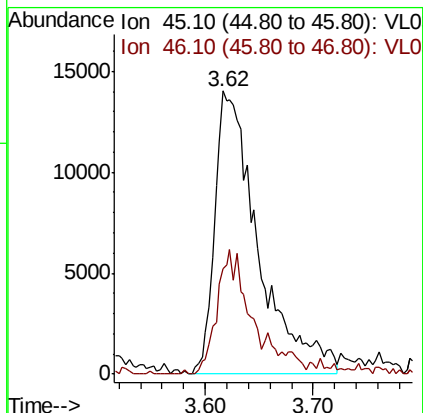
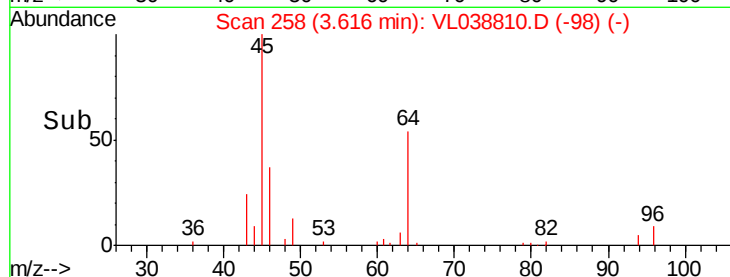
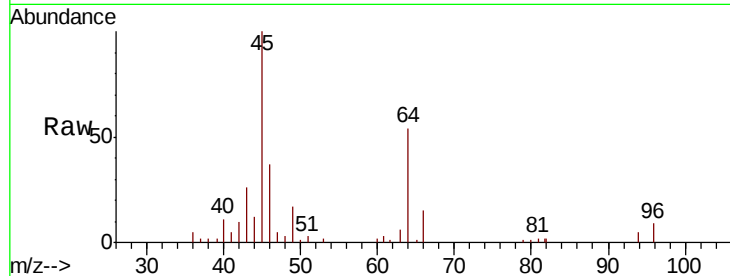
Acq: 31 Mar 2022 10:22

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#14

Bromoethene

Concen: 10.638 ppbv

RT: 3.75 min Scan# 301

Delta R.T. 0.02 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

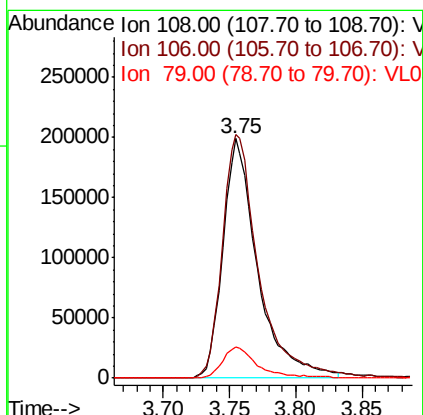
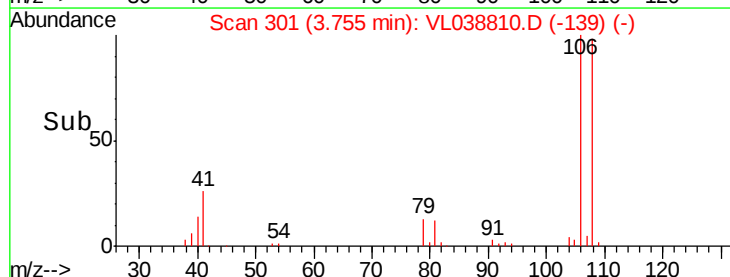
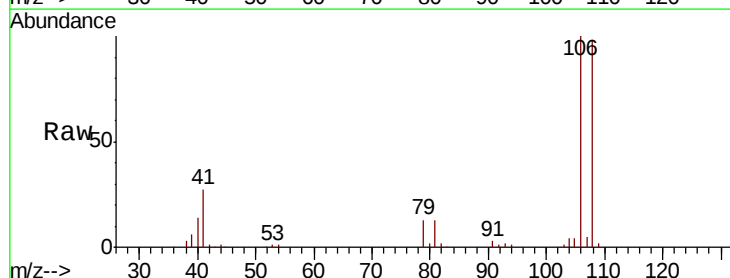
Tgt Ion:108 Resp: 363077

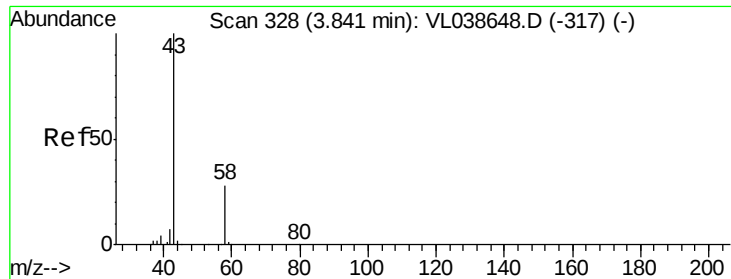
Ion Ratio Lower Upper

108 100

106 107.6 88.3 132.5

79 13.7 11.2 16.8



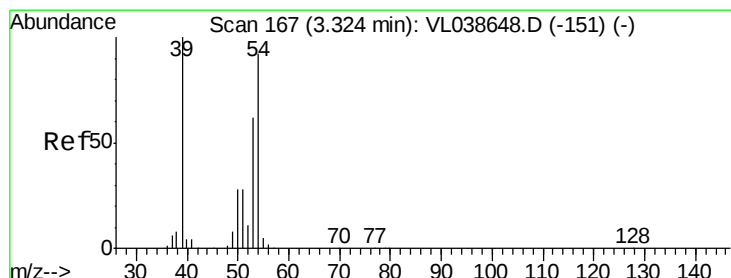
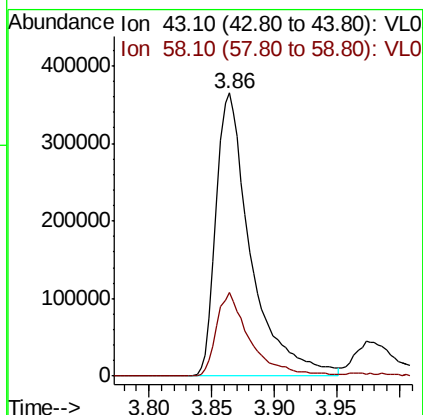
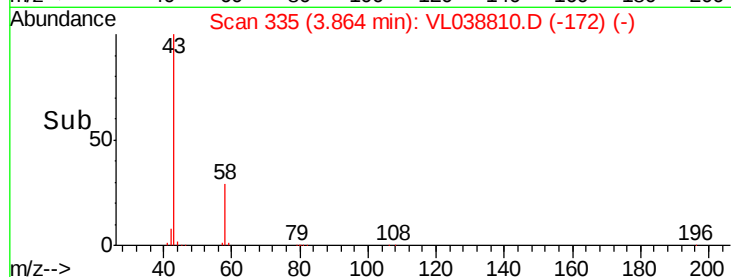
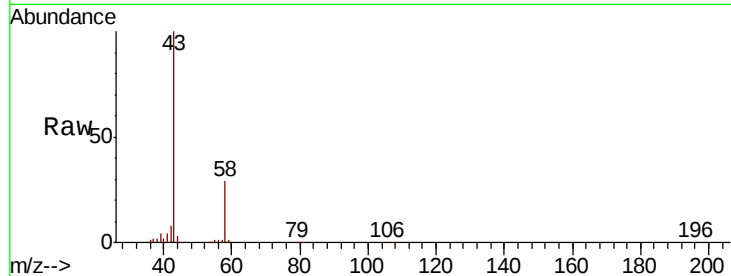


#15
Acetone
Concen: 9.713 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
43 100
58 28.

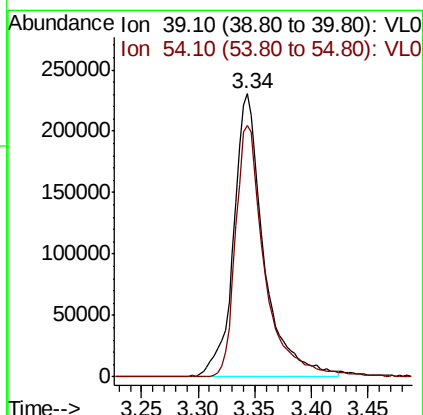
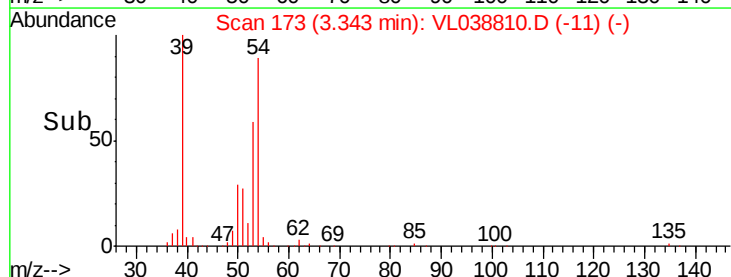
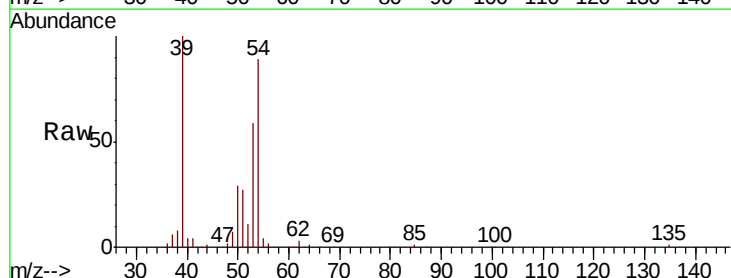
Manual Integrations
APPROVED

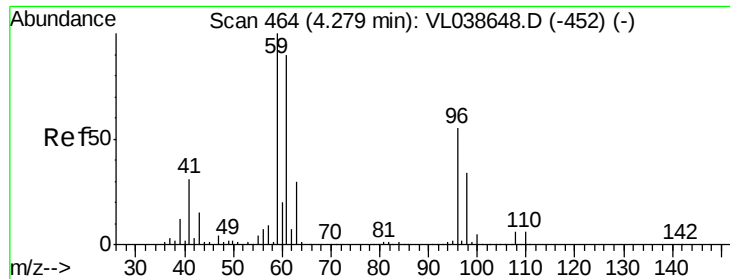
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#16
1,3-Butadiene
Concen: 10.350 ppbv
RT: 3.34 min Scan# 173
Delta R.T. 0.02 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 39 Resp: 426164
Ion Ratio Lower Upper
39 100
54 87.4 69.1 103.7



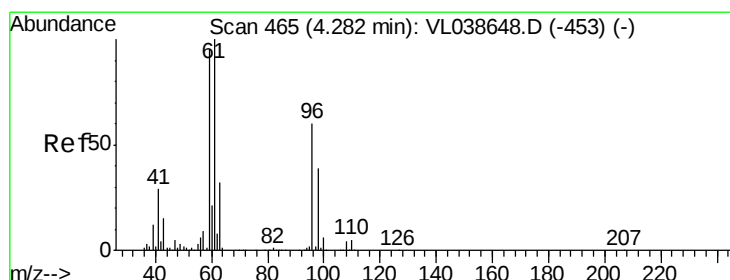
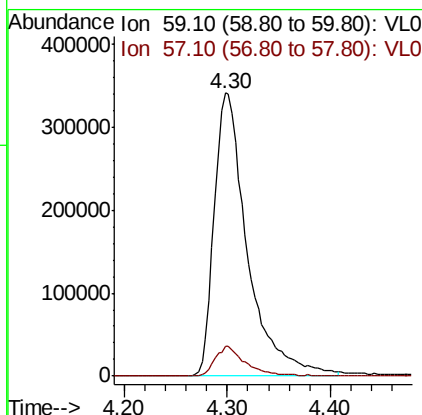
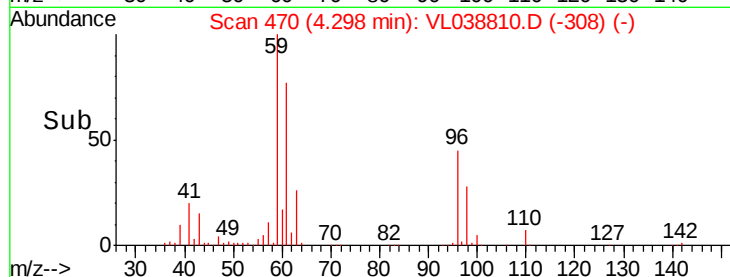
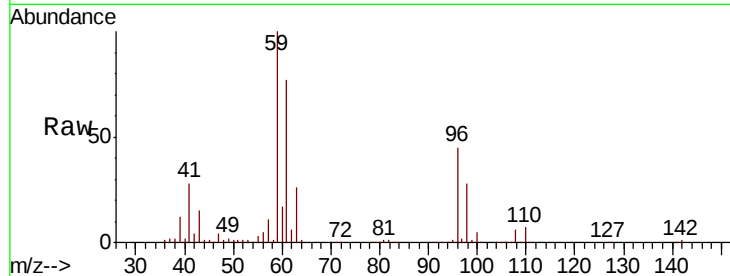


#17
tert-Butyl alcohol
Concen: 12.092 ppbv
RT: 4.30 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
59 100
57 10.

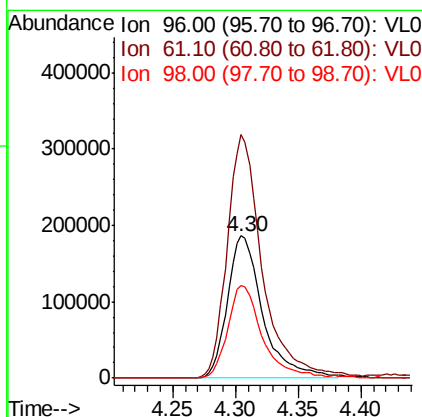
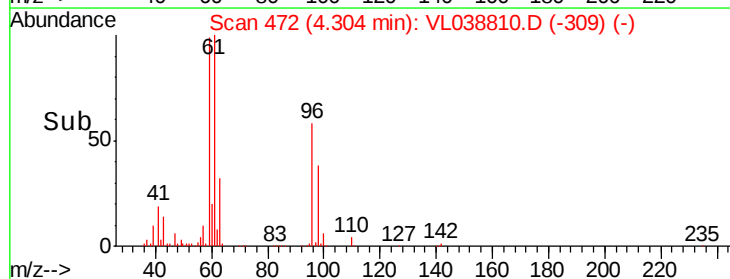
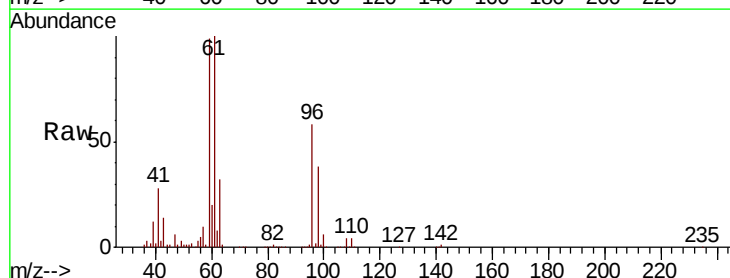
Manual Integrations
APPROVED

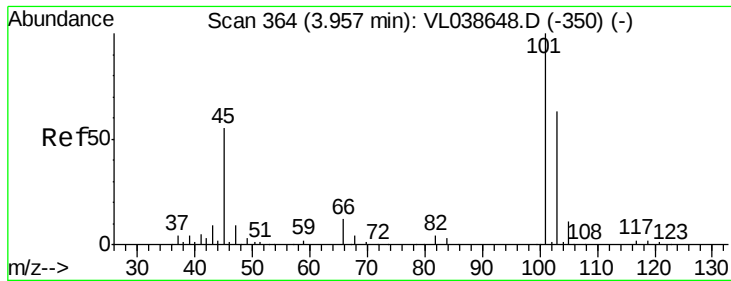
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#18
1,1-Dichloroethene
Concen: 10.567 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.02 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 96 Resp: 364553
Ion Ratio Lower Upper
96 100
61 171.6 132.4 198.6
98 65.2 51.6 77.4



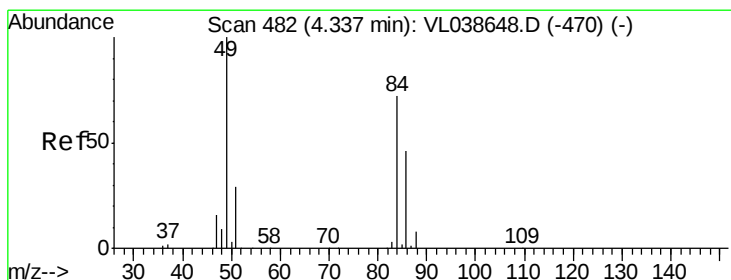
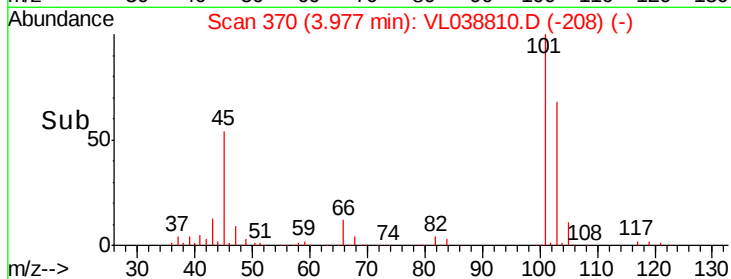
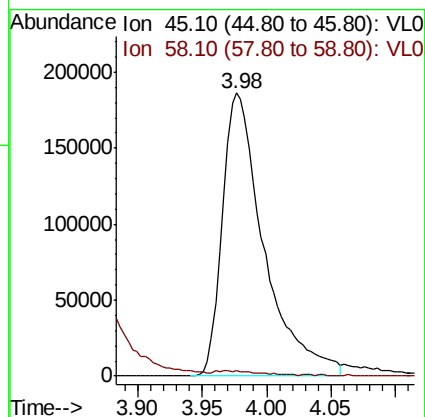
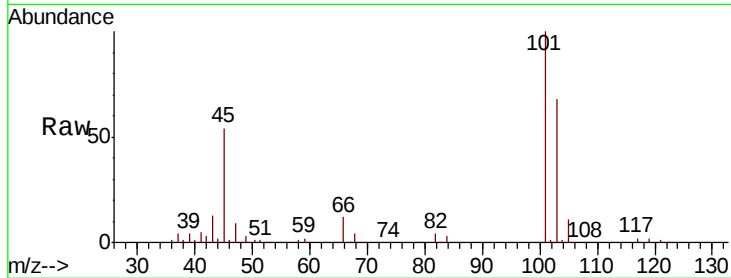


#19
Isopropyl Alcohol
Concen: 10.379 ppbv
RT: 3.98 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 Mar 2022 10:22
VSTDCCC010EC

Tot Ion:
Ion Ratio
45 100
58 2.

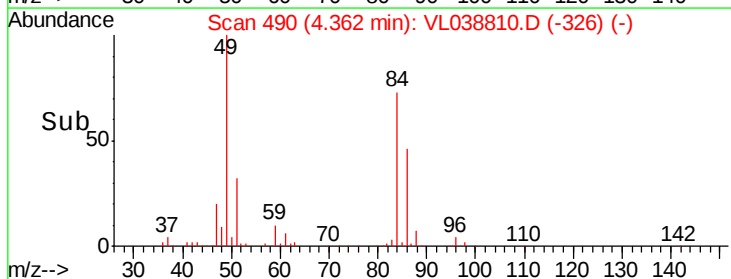
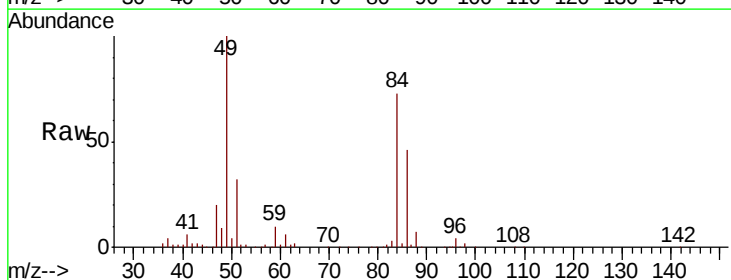
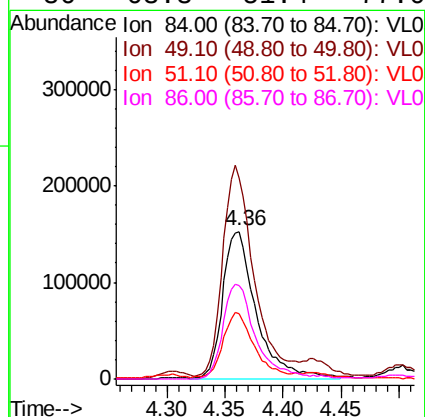
Manual Integrations
APPROVED

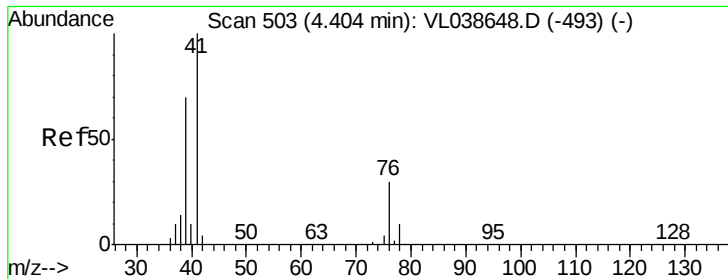
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#20
Methylene Chloride
Concen: 9.989 ppbv
RT: 4.36 min Scan# 490
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 84 Resp: 305266
Ion Ratio Lower Upper
84 100
49 134.3 111.2 166.8
51 43.0 32.8 49.2
86 63.3 51.4 77.0



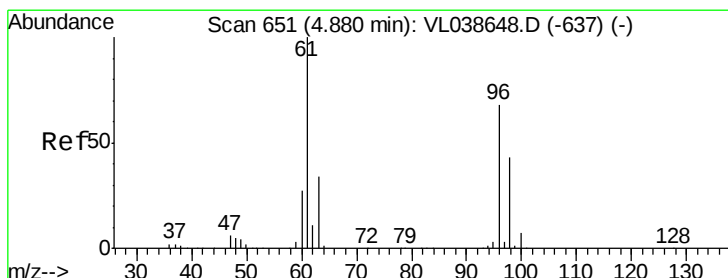
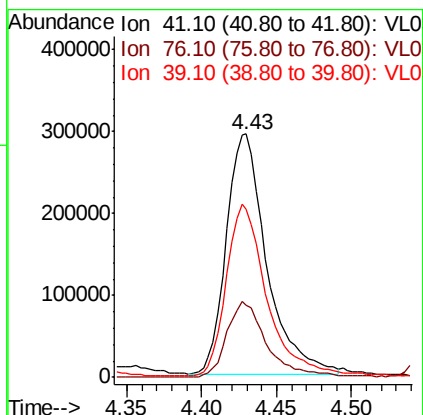
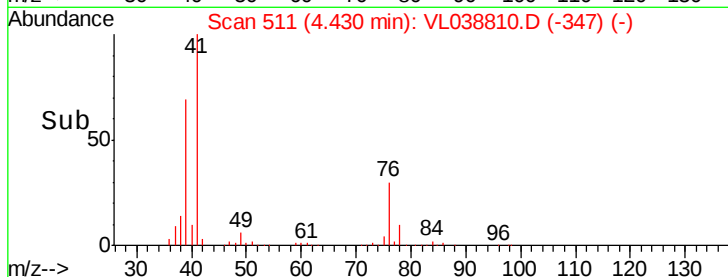
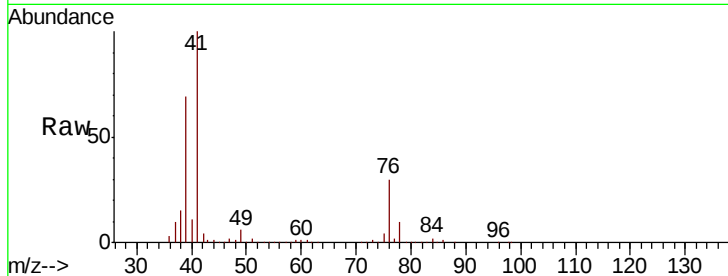


#21
 Allvl Chloride
 Concen: 10.560 ppbv
 RT: 4.43
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDC0010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 41 100
 76 31.
 39 73.

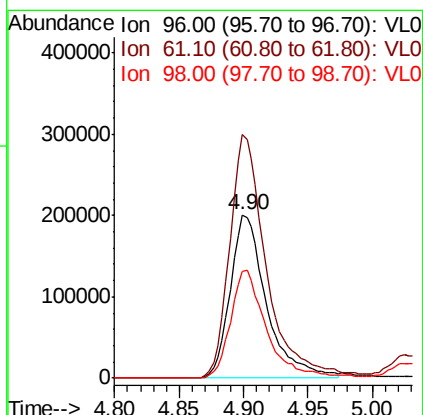
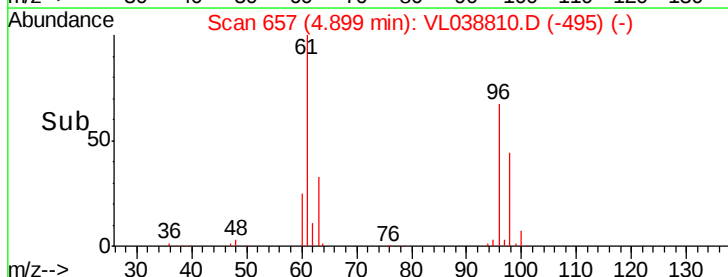
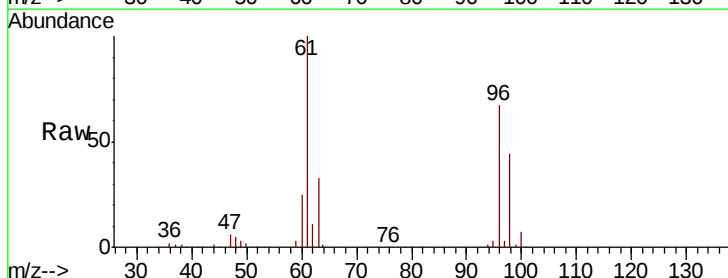
Manual Integrations
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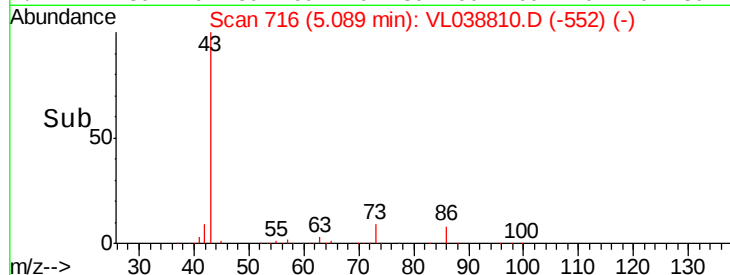
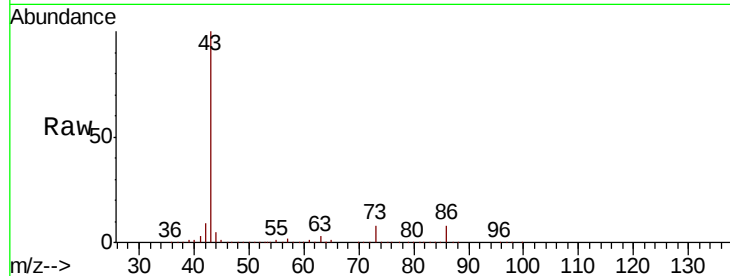
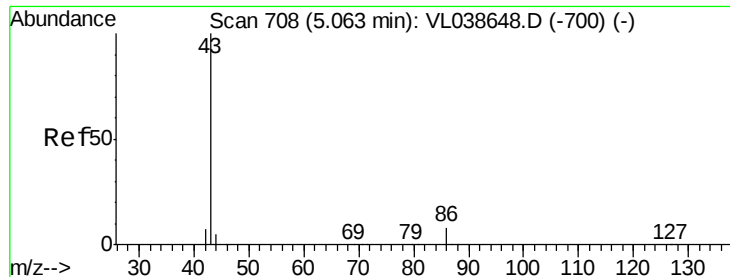
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.975 ppbv
 RT: 4.90 min Scan# 657
 Delta R.T. 0.02 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 96 Resp: 392732
 Ion Ratio Lower Upper
 96 100
 61 148.8 118.3 177.5
 98 65.3 51.3 76.9



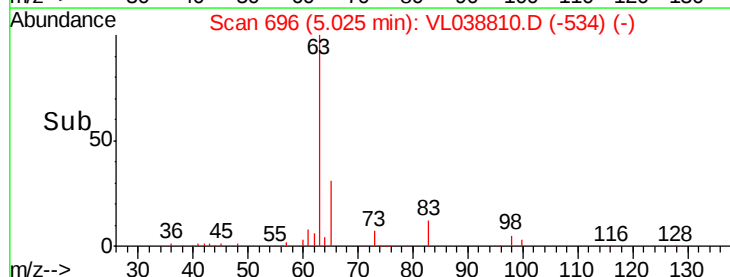
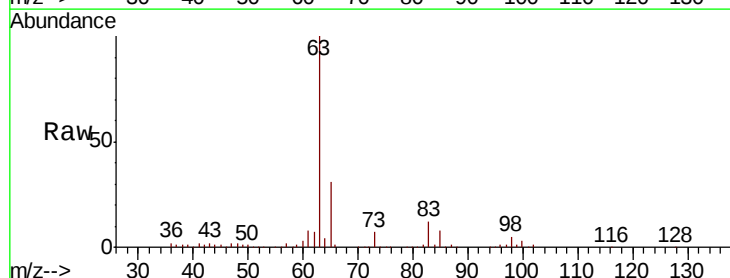
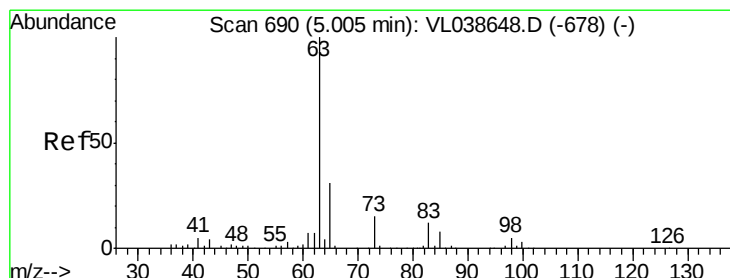
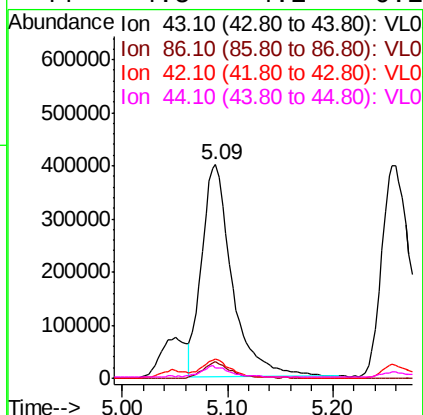


#23
 Vinyl Acetate
 Concen: 11.477 ppbv
 RT: 5.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 8.
 44 4.5 4.2 6.2

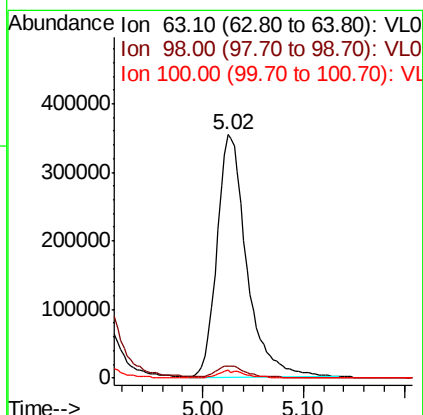
Manual Integrations
 APPROVED

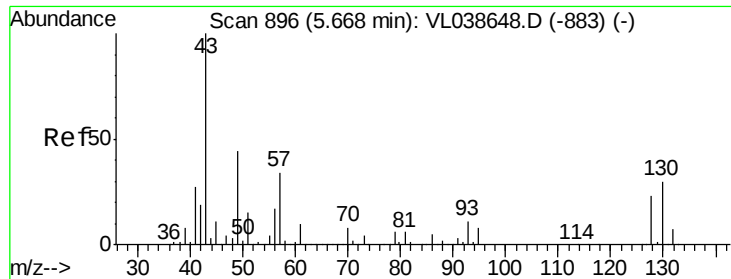
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#24
 1,1-Dichloroethane
 Concen: 10.535 ppbv
 RT: 5.02 min Scan# 696
 Delta R.T. 0.02 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 63 Resp: 728904
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.5 7.5
 100 3.1 1.4 4.2



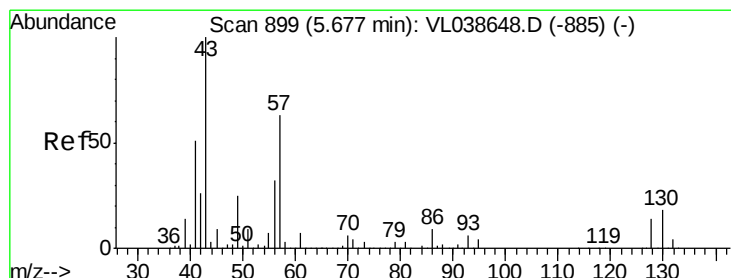
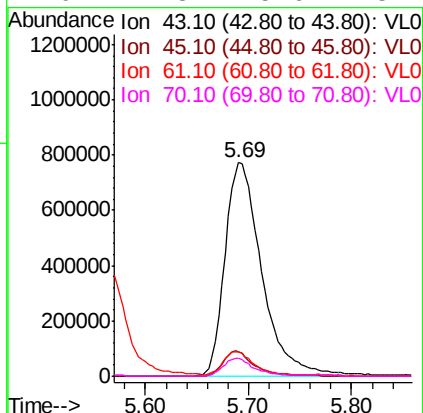
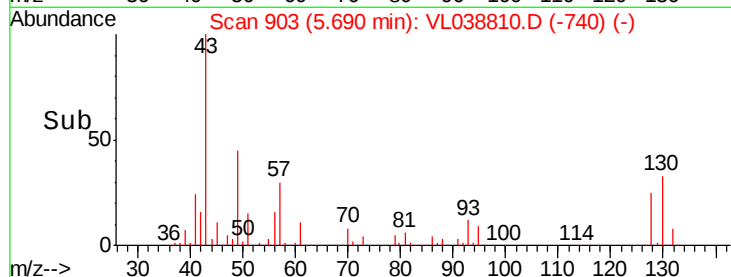
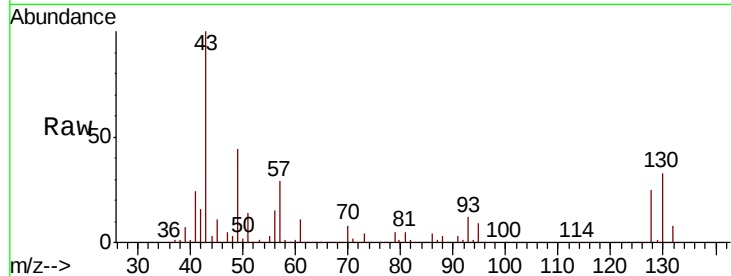


#25
Ethyl Acetate
Concen: 10.458 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio: 43 100, 45 10.0, 61 11.0, 70 7.3, 5.6, 8.4

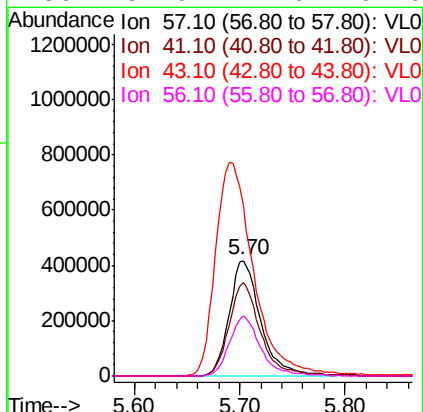
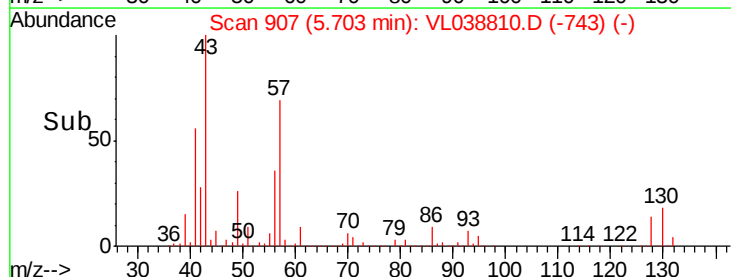
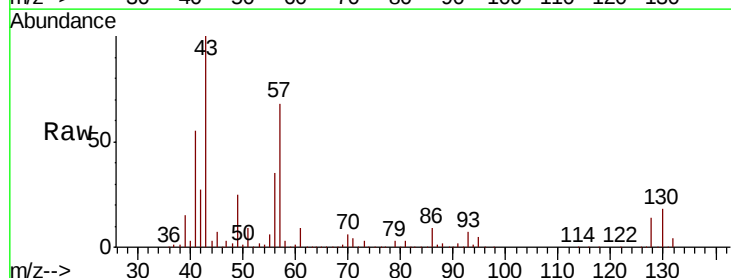
Manual Integrations
APPROVED

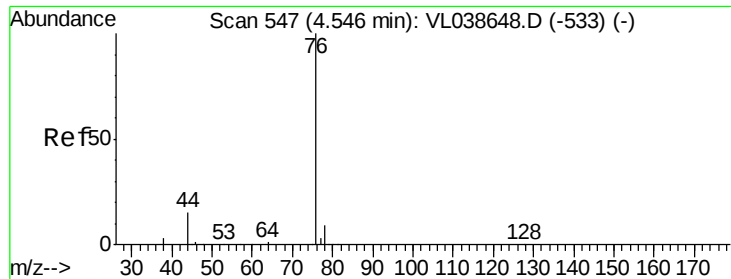
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#26
Hexane
Concen: 10.565 ppbv
RT: 5.70 min Scan# 907
Delta R.T.: 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 57 Resp: 863887
Ion Ratio Lower Upper
57 100
41 81.5 67.0 100.4
43 225.2 184.2 276.2
56 51.9 42.6 64.0



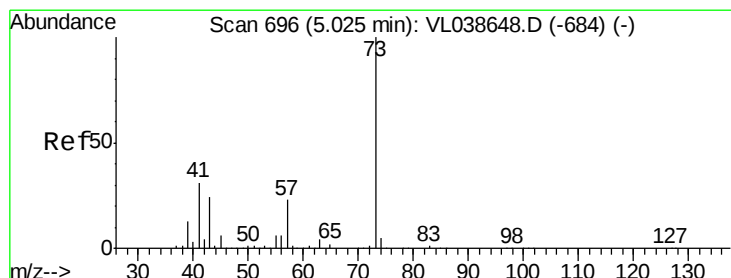
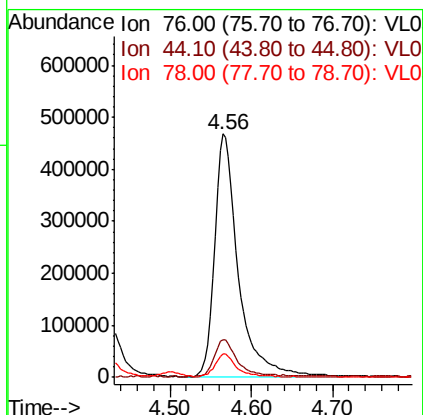
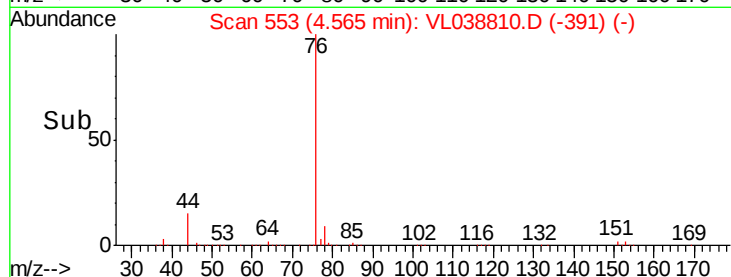
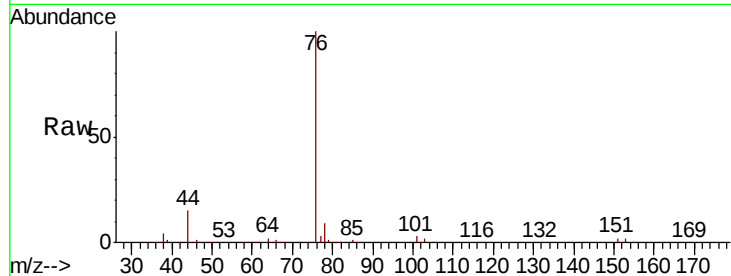


#27
Carbon Disulfide
Concen: 11.949 ppbv
RT: 4.56
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 10:22

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

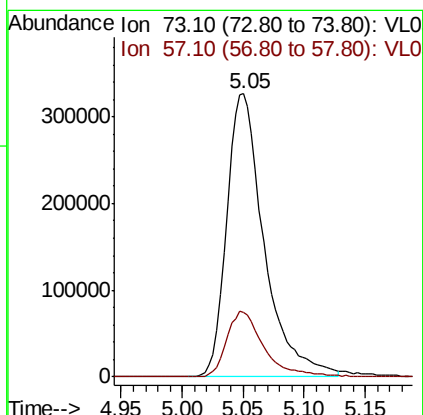
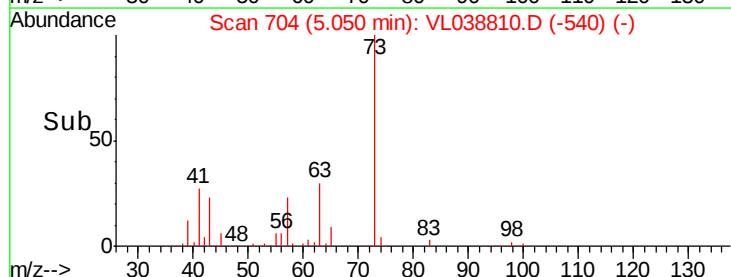
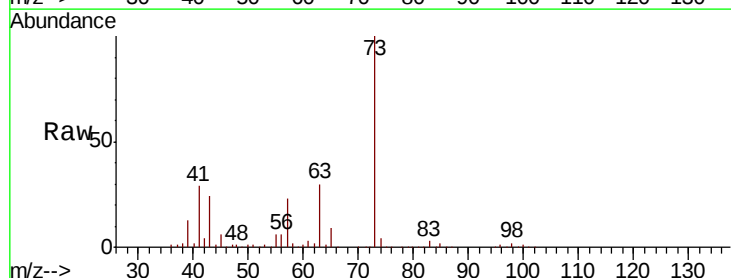
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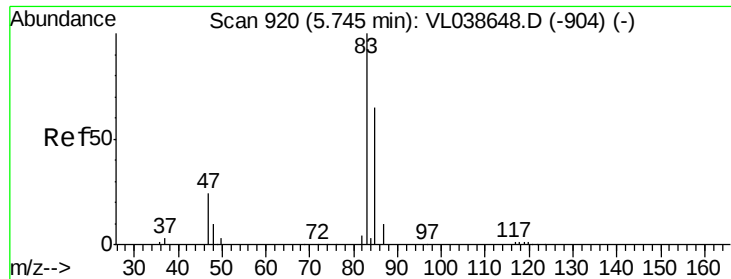
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#28
Methyl tert-Butyl Ether
Concen: 11.465 ppbv
RT: 5.05 min Scan# 704
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 73 Resp: 698350
Ion Ratio Lower Upper
73 100
57 23.4 19.2 28.8



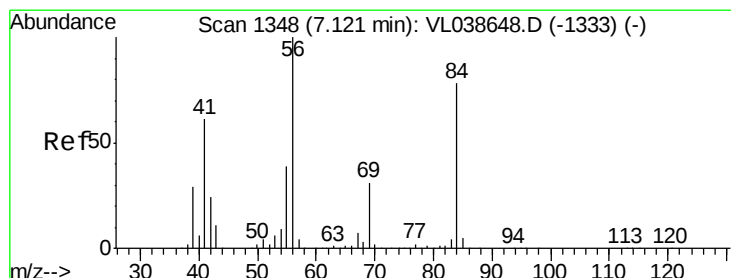
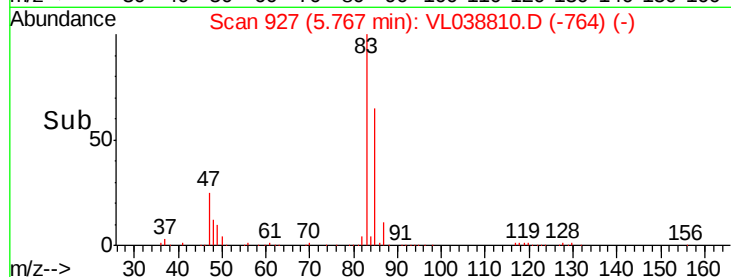
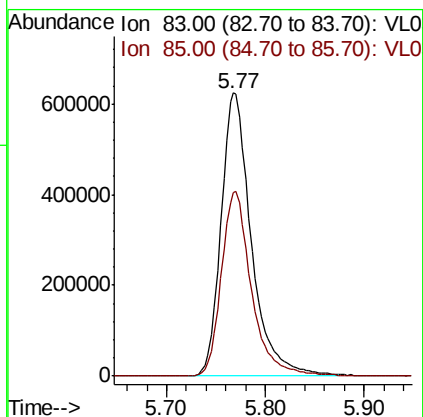
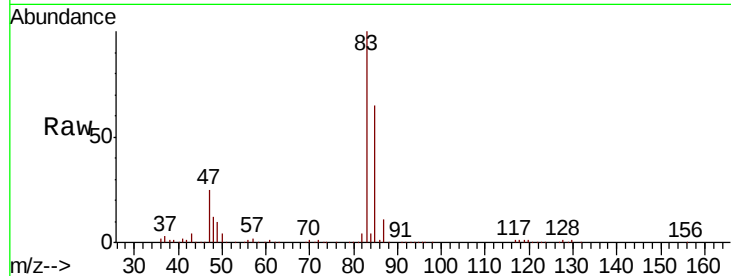


#29
Chloroform
Concen: 10.254 ppbv
RT: 5.77
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
83 100
85 64.

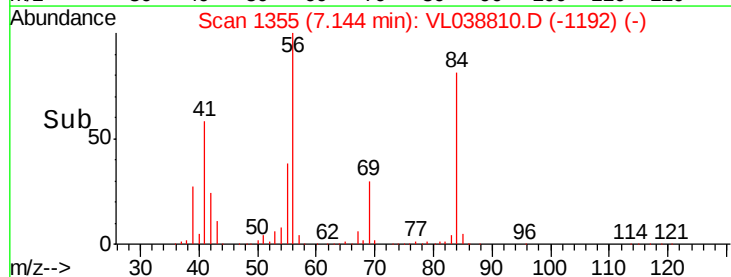
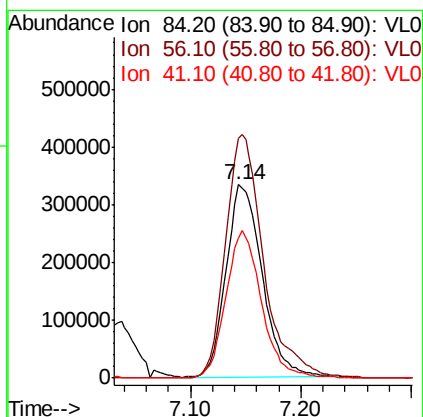
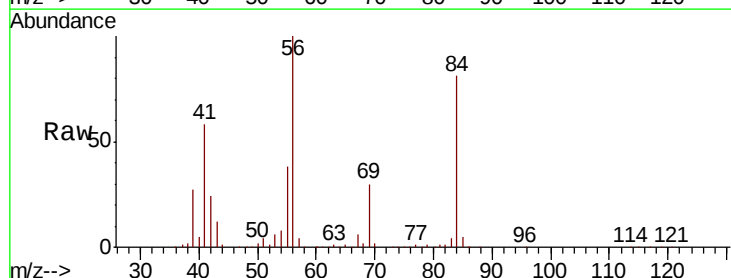
Manual Integrations
APPROVED

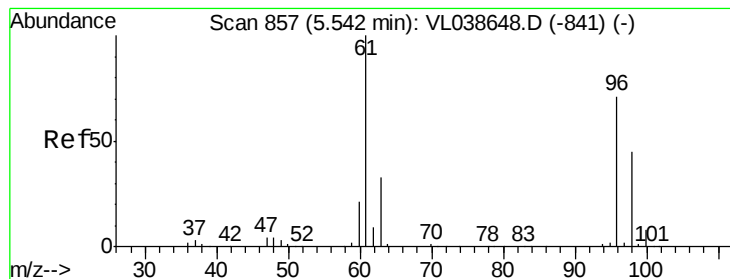
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#30
Cyclohexane
Concen: 10.684 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. 0.02 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 84 Resp: 759631
Ion Ratio Lower Upper
84 100
56 133.4 108.2 162.4
41 75.4 61.8 92.6





#31

cis-1,2-Dichloroethene

Concen: 10.764 ppbv

RT: 5.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

61 100

96 74.

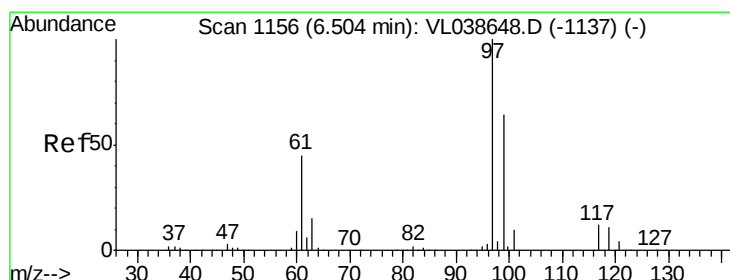
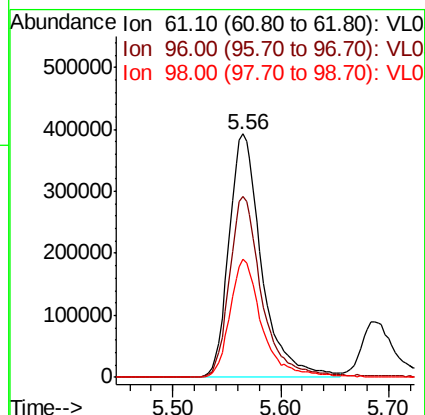
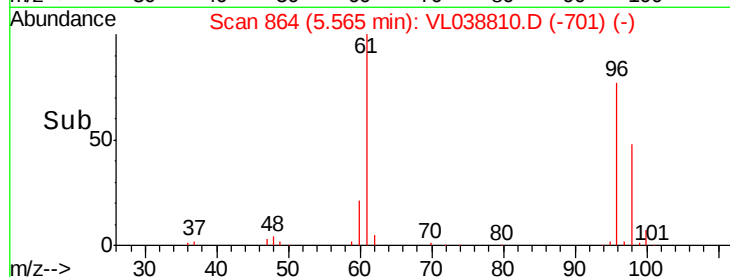
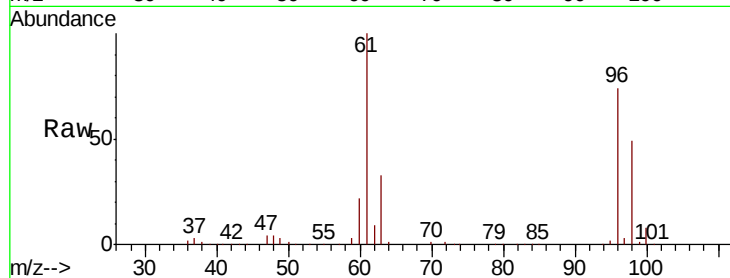
98 48.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#32

1,1,1-Trichloroethane

Concen: 10.583 ppbv

RT: 6.53 min Scan# 1163

Delta R.T. 0.02 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

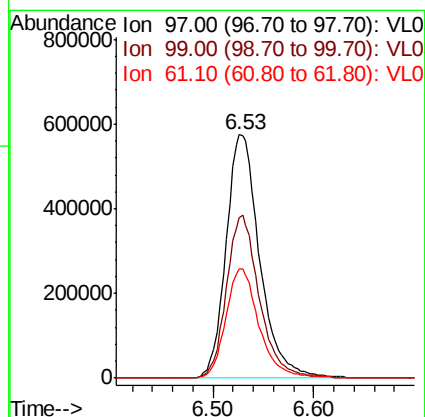
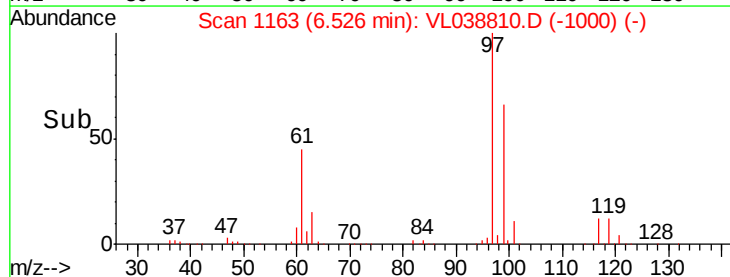
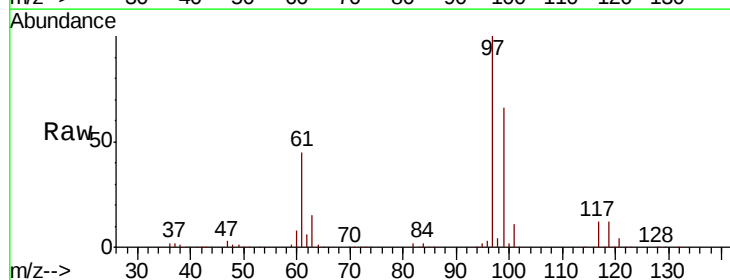
Tgt Ion: 97 Resp: 1337157

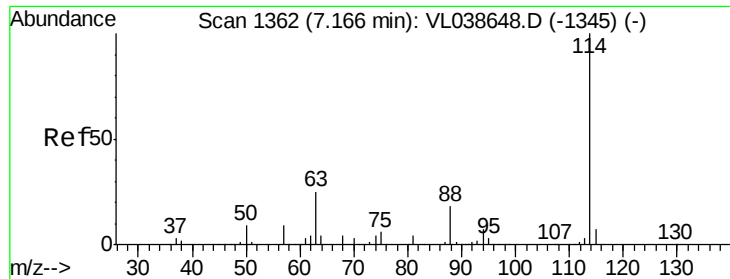
Ion Ratio Lower Upper

97 100

99 65.7 51.8 77.8

61 44.3 36.7 55.1



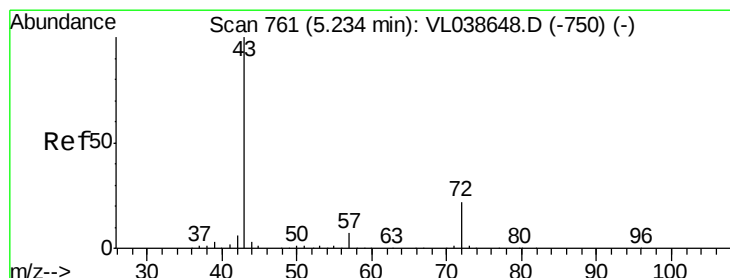
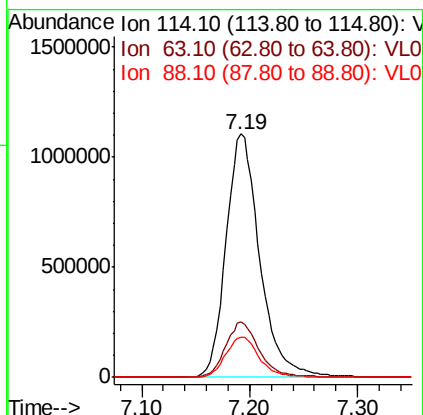
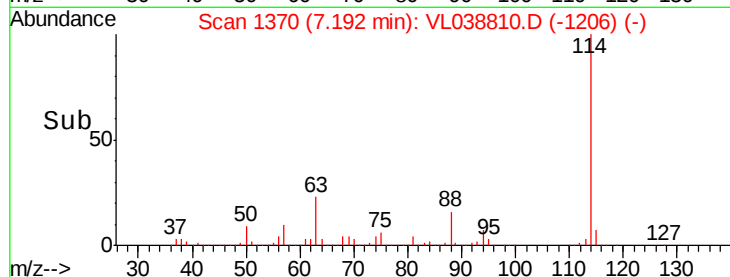
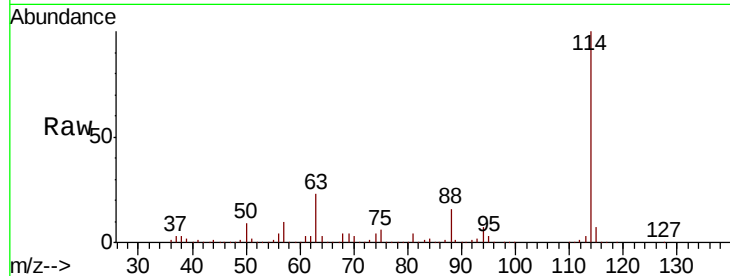


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion: 1
 Ion Ratio
 114 100
 63 23.0
 88 16.0

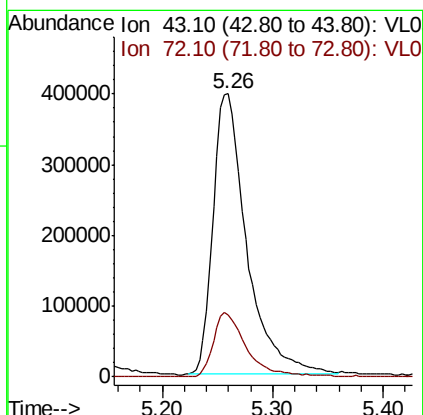
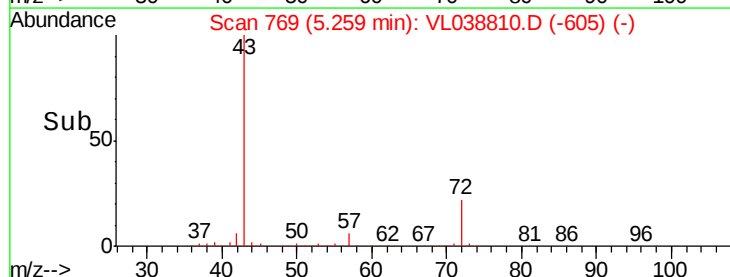
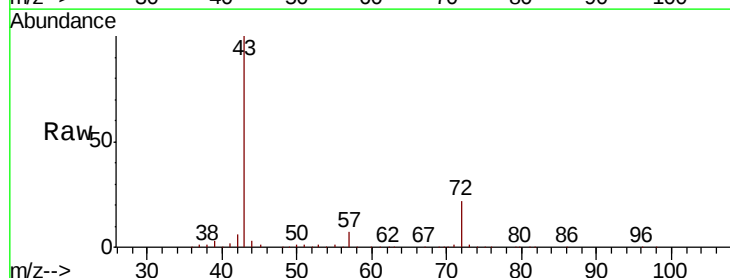
Manual Integrations
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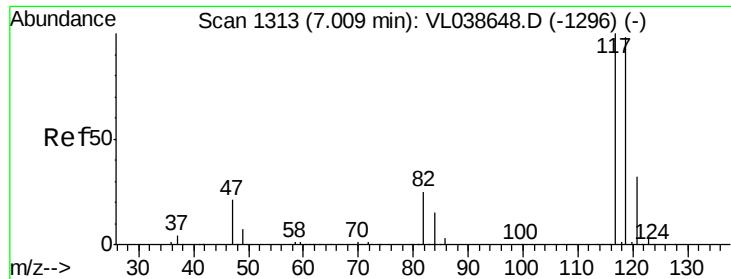
Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022



#34
 2-Butanone
 Concen: 8.872 ppbv
 RT: 5.26 min Scan# 769
 Delta R.T.: 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 43 Resp: 844677
 Ion Ratio Lower Upper
 43 100
 72 23.0 17.8 26.8



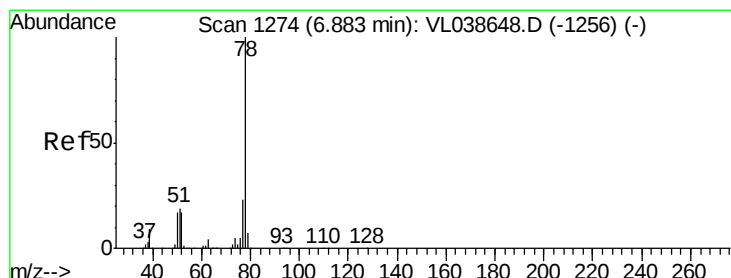
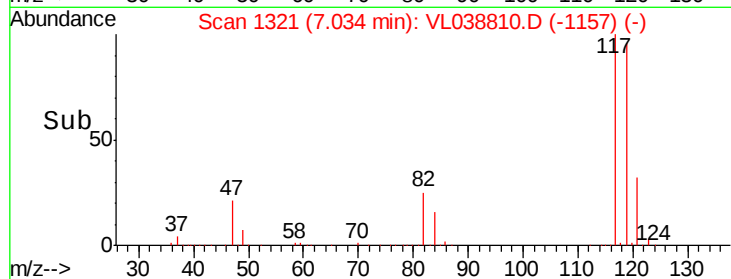
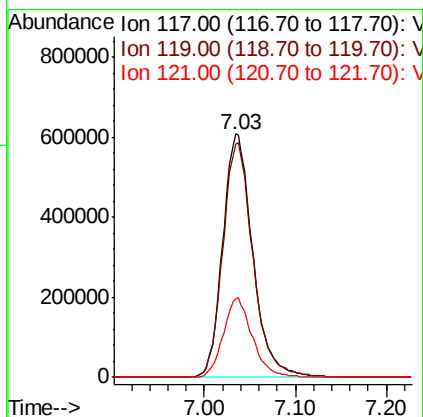
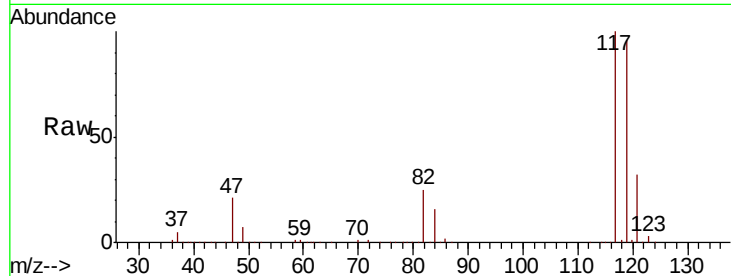


#35
Carbon Tetrachloride
Concen: 9.987 ppbv
RT: 7.03
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 31 Mar 2022 10:22

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

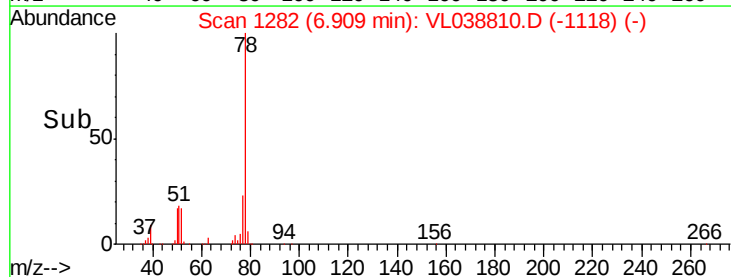
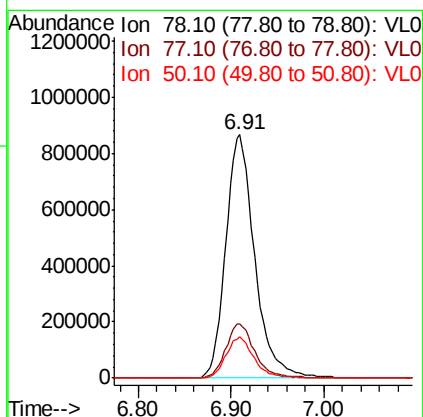
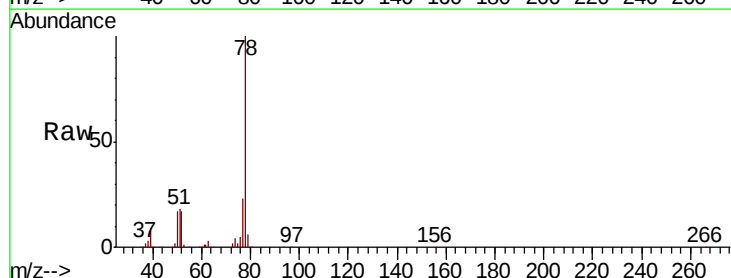
Manual Integrations
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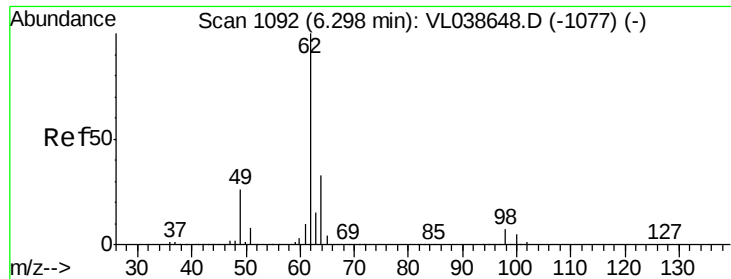
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#36
Benzene
Concen: 10.098 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 78 Resp: 1874754
Ion Ratio Lower Upper
78 100
77 22.5 18.1 27.1
50 16.9 13.6 20.4



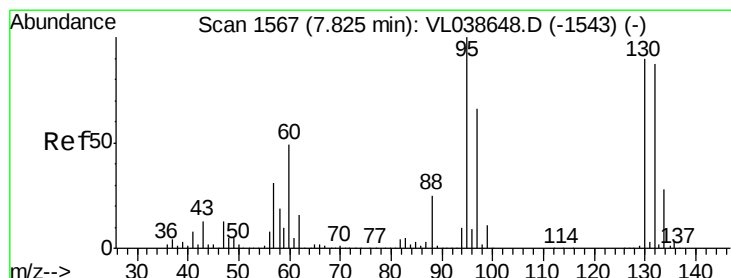
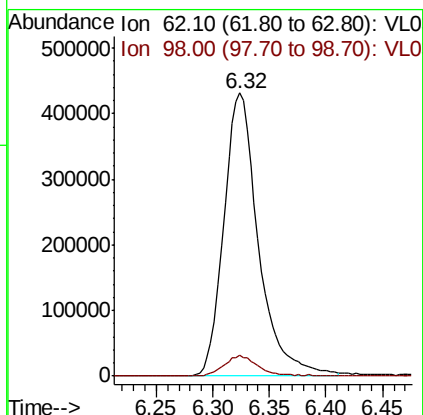
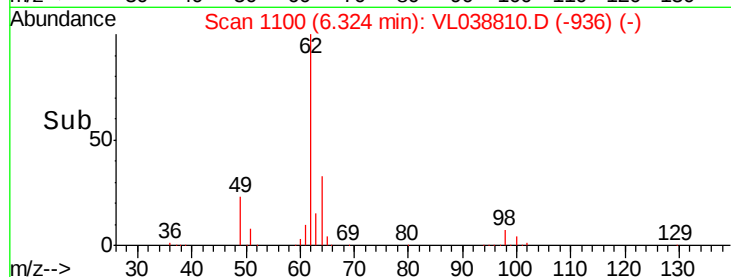
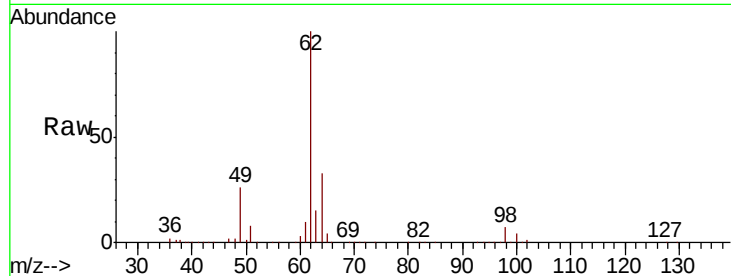


#37
1,2-Dichloroethane
Concen: 9.744 ppbv
RT: 6.32
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
62 100
98 7.

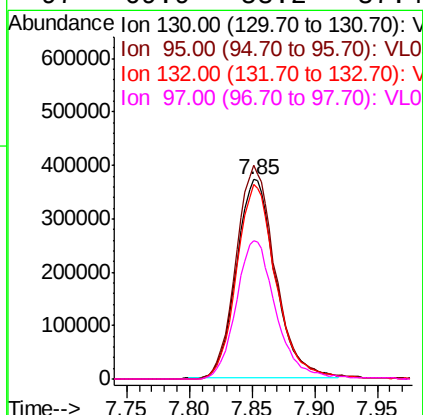
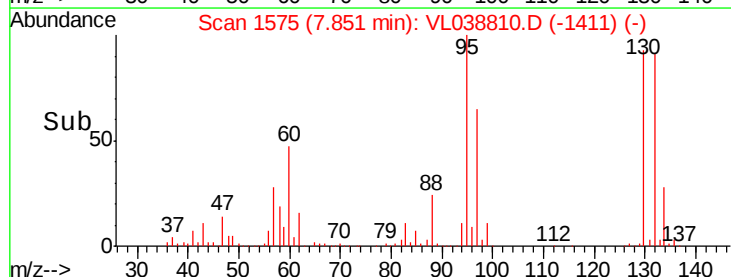
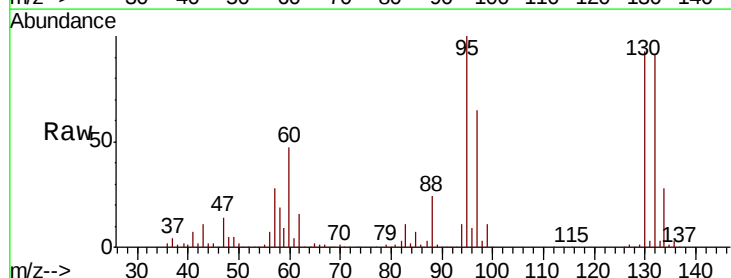
Manual Integrations
APPROVED

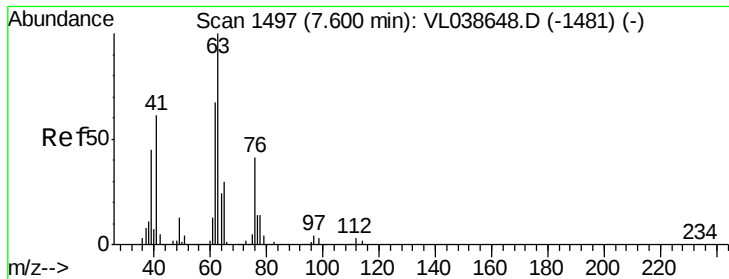
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#38
Trichloroethene
Concen: 10.392 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion:130 Resp: 808242
Ion Ratio Lower Upper
130 100
95 107.6 88.9 133.3
132 98.2 77.4 116.0
97 69.9 58.2 87.4



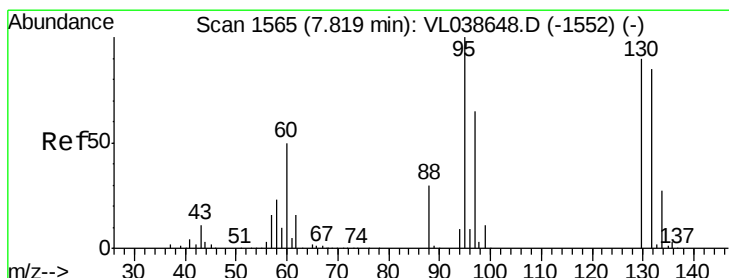
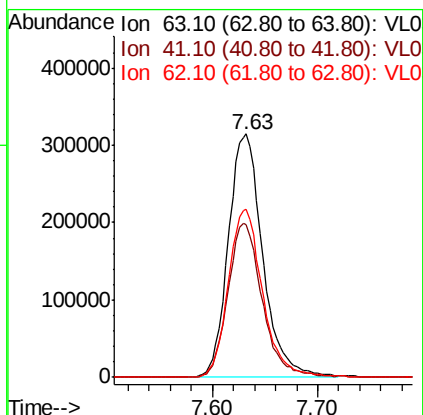
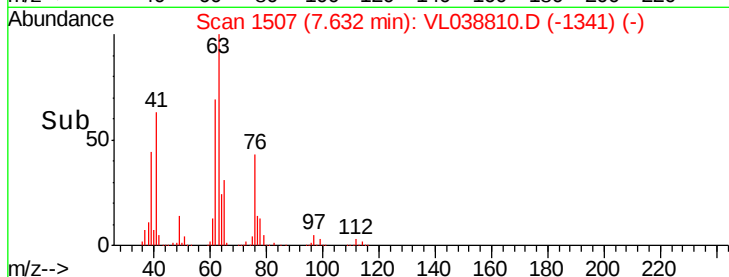
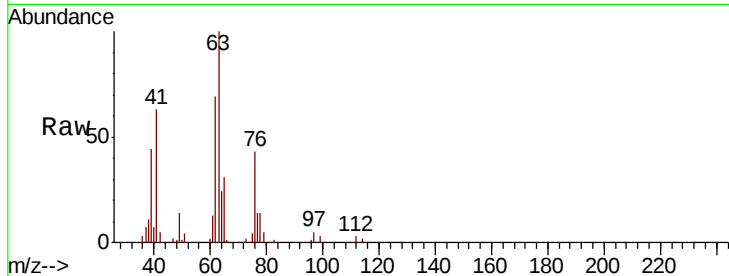


#39
 1,2-Dichloropropane
 Concen: 9.793 ppbv
 RT: 7.63
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 31 Mar 2022 10:22

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

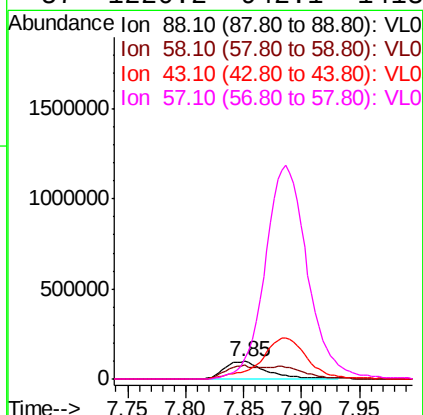
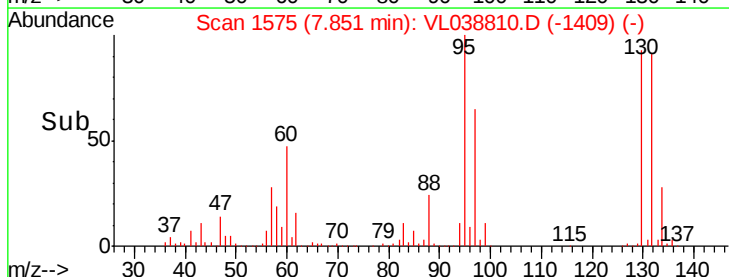
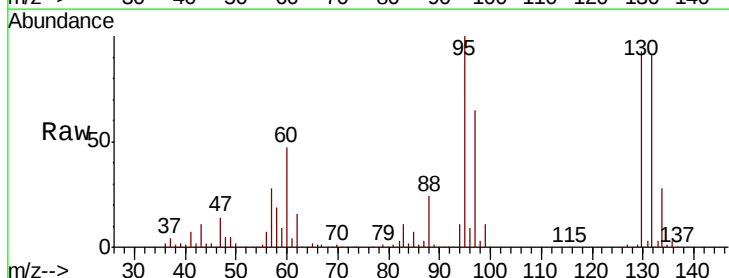
Manual Integrations
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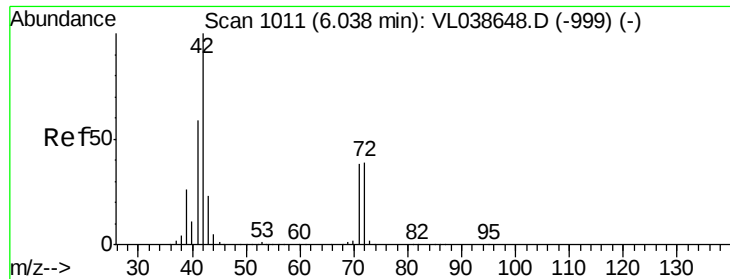
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#40
 1,4-Dioxane
 Concen: 9.847 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 88 Resp: 248189
 Ion Ratio Lower Upper
 88 100
 58 128.1 105.6 158.4
 43 256.7 201.9 302.9
 57 1220.2 942.1 1413.1



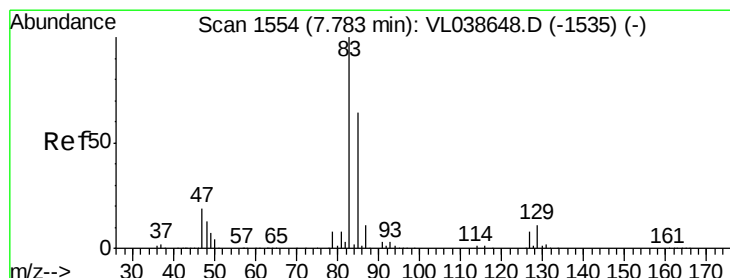
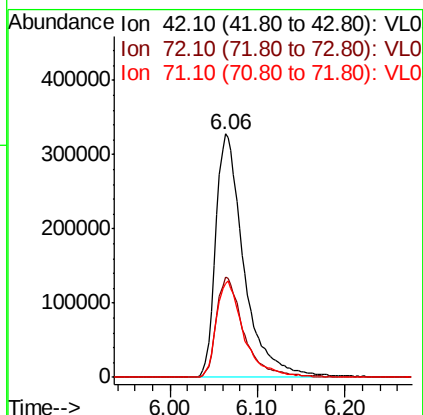
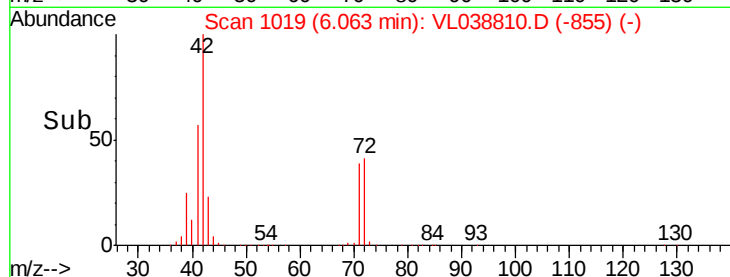
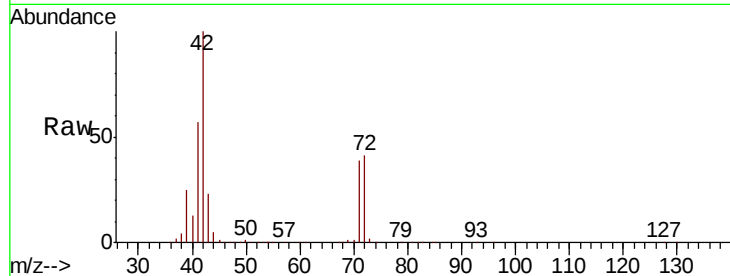


#41
Tetrahydrofuran
Concen: 10.408 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 10:22

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

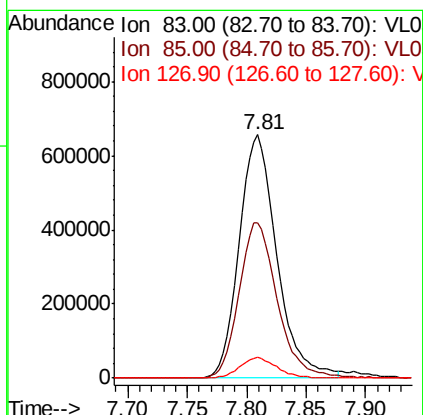
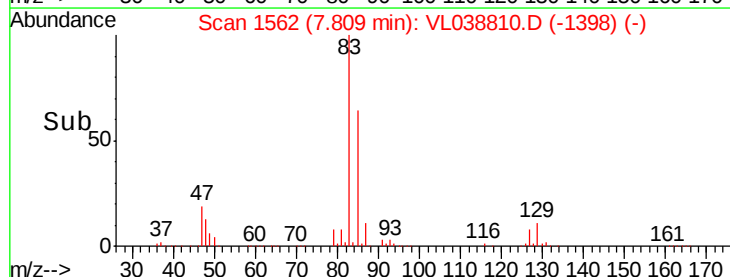
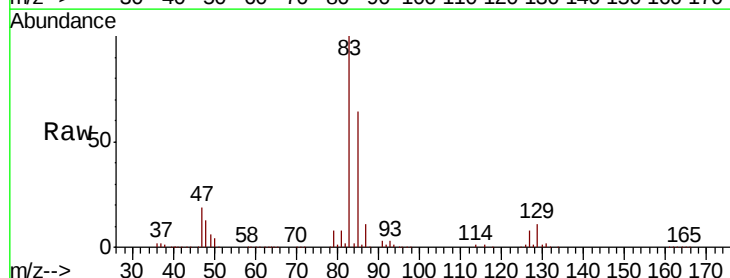
Manual Integrations
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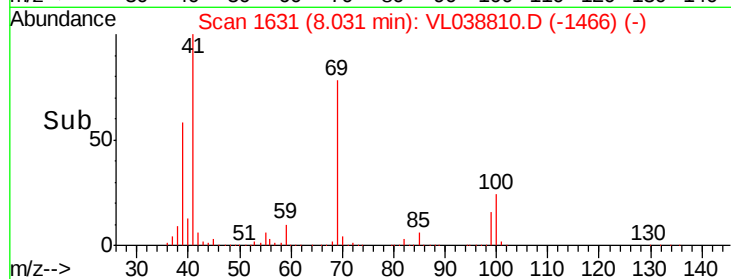
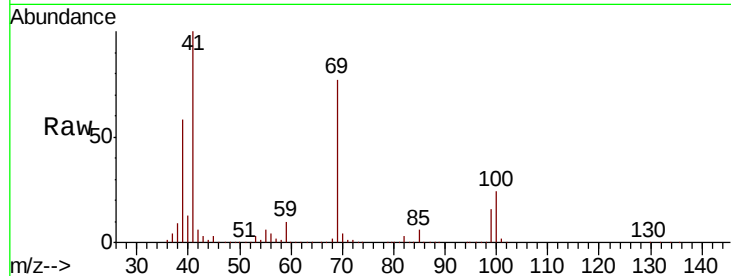
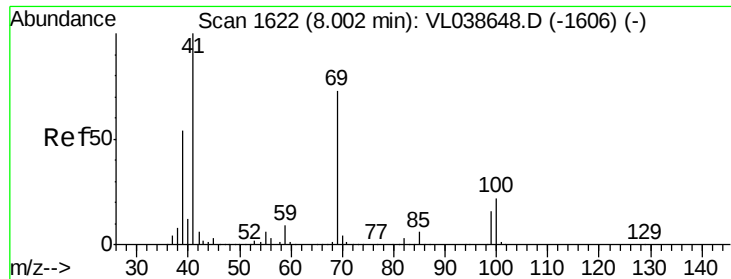
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#42
Bromodichloromethane
Concen: 10.198 ppbv
RT: 7.81 min Scan# 1562
Delta R.T.: 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 83 Resp: 1443932
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.5 6.5 9.7





#43

Methyl Methacrylate

Concen: 10.812 ppbv

RT: 8.03

Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

69 100

41 136.

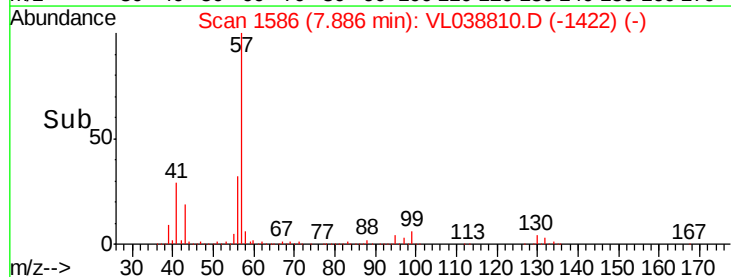
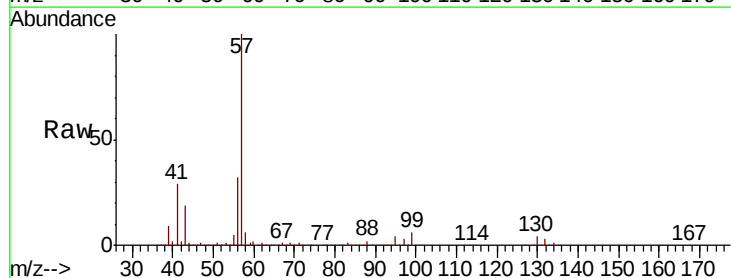
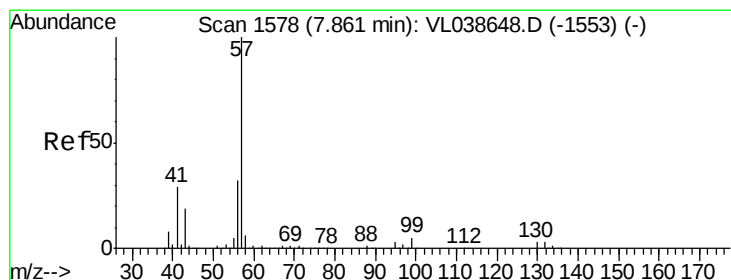
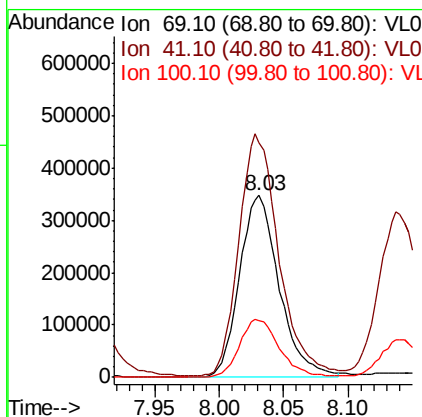
100 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#44

2,2,4-Trimethylpentane

Concen: 9.703 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. 0.03 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

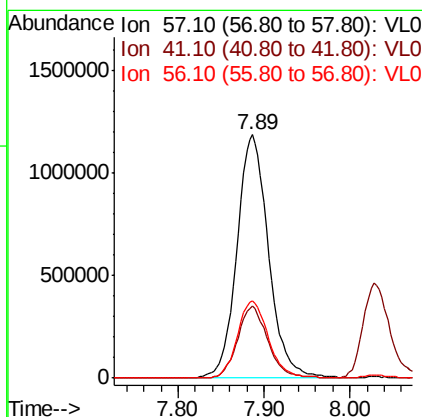
Tgt Ion: 57 Resp: 3024471

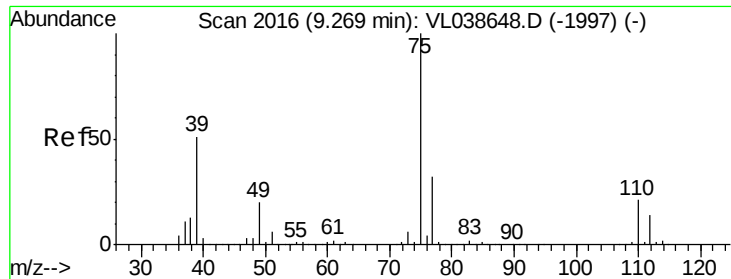
Ion Ratio Lower Upper

57 100

41 28.3 23.0 34.4

56 31.2 25.3 37.9



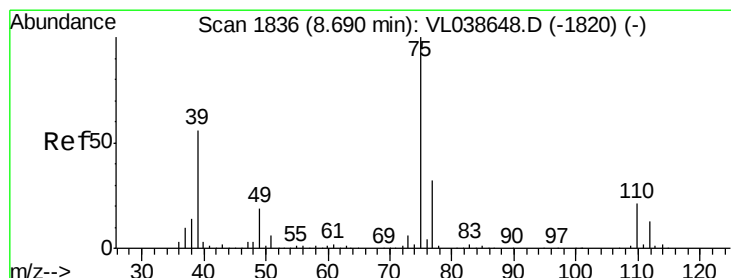
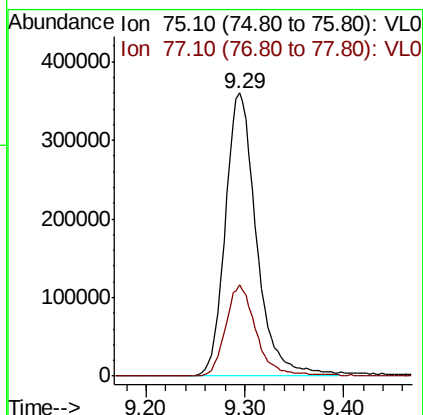
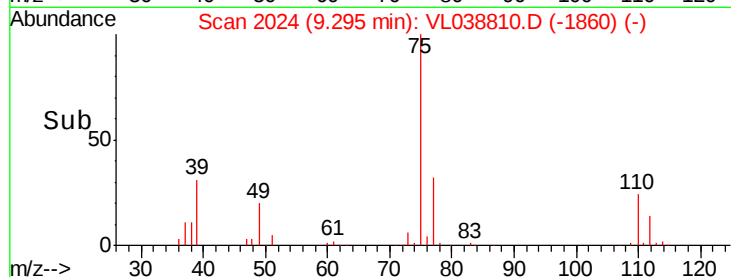
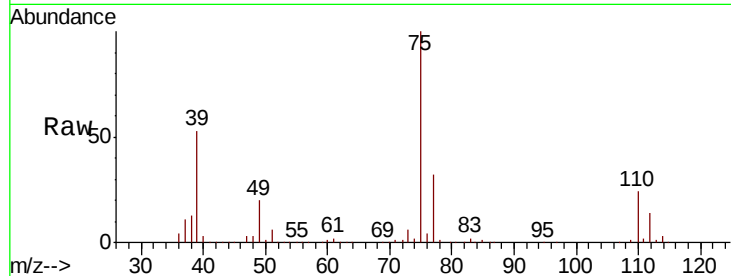


#45
t-1,3-Dichloropropene
Concen: 11.308 ppbv
RT: 9.29
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
75 100
77 32.

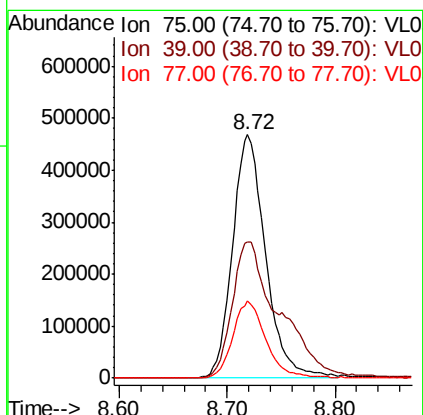
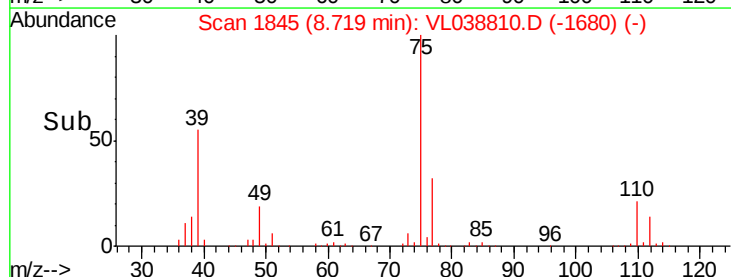
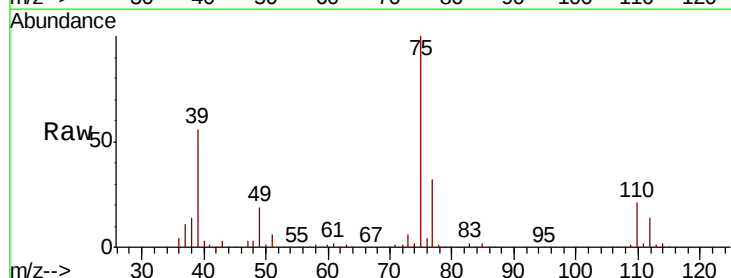
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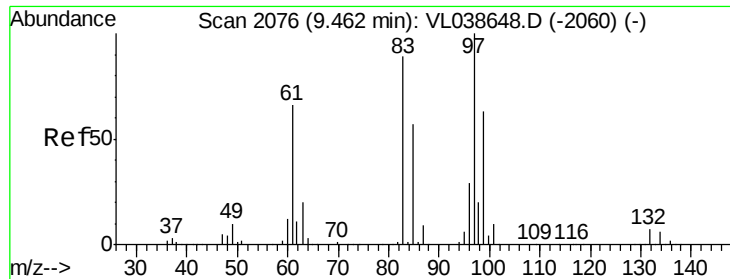
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#46
cis-1,3-Dichloropropene
Concen: 10.547 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 75 Resp: 999466
Ion Ratio Lower Upper
75 100
39 55.9 44.8 67.2
77 31.5 25.4 38.0



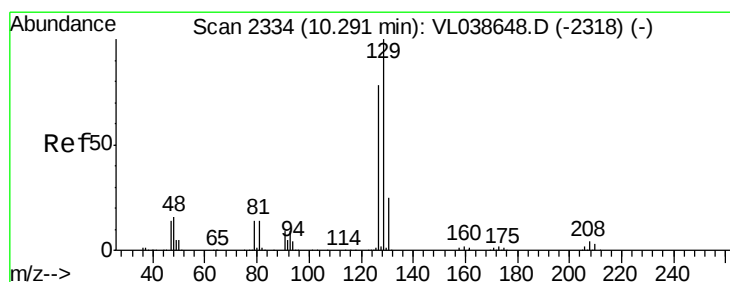
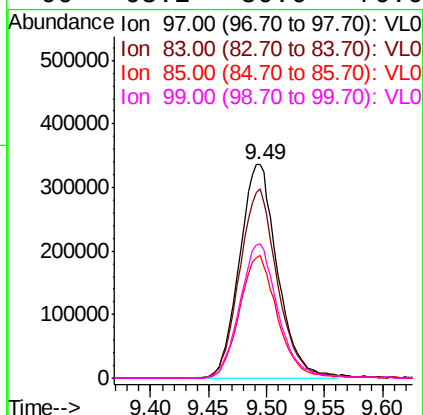
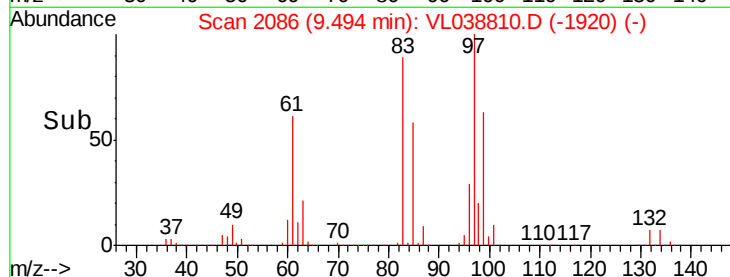
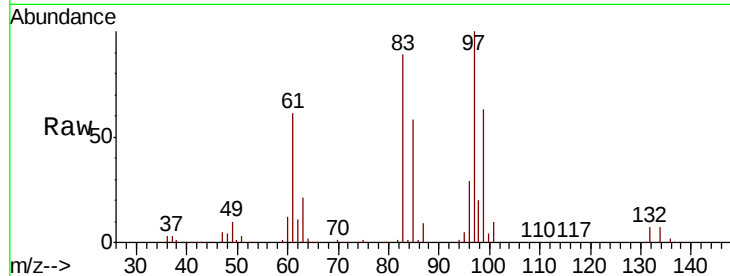


#47
 1,1,2-Trichloroethane
 Concen: 9.910 ppbv
 RT: 9.49
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 97 100
 83 88.
 85 57.
 99 63.2 50.6 76.0

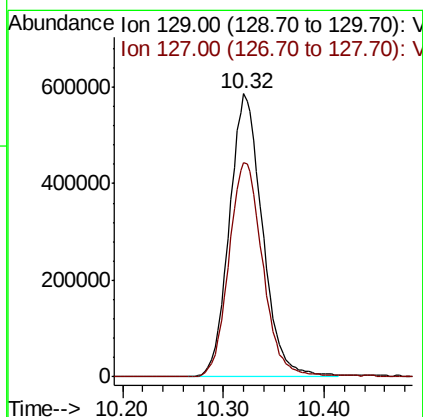
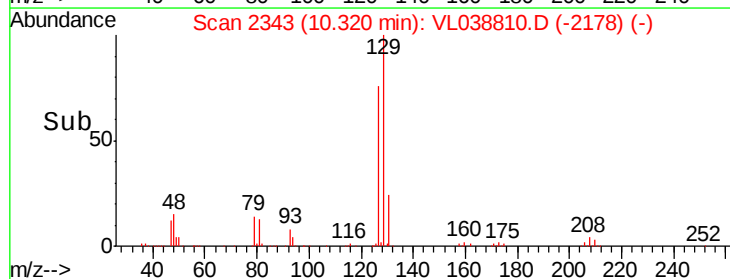
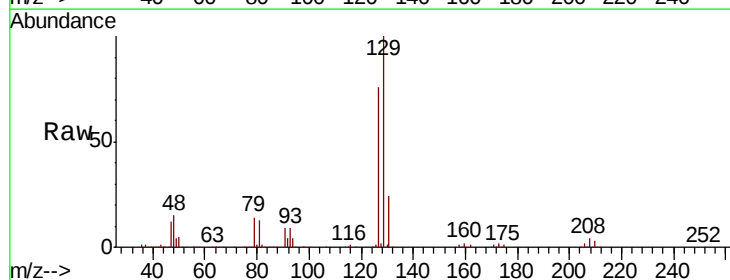
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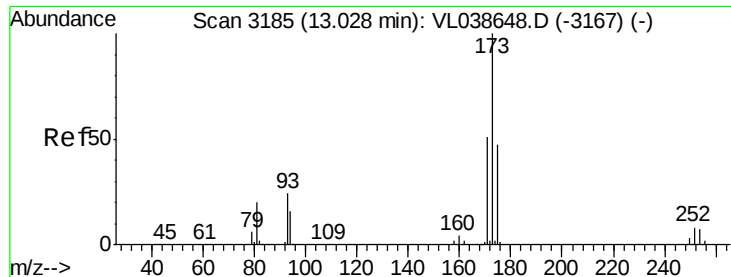
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#48
 Dibromochloromethane
 Concen: 11.012 ppbv
 RT: 10.32 min Scan# 2343
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:129 Resp: 1336660
 Ion Ratio Lower Upper
 129 100
 127 78.6 39.5 118.5





#49

Bromoform

Concen: 11.200 ppbv

RT: 13.06

Delta R.T.

Lab File:

Acq: 31 Mar 2022 10:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022

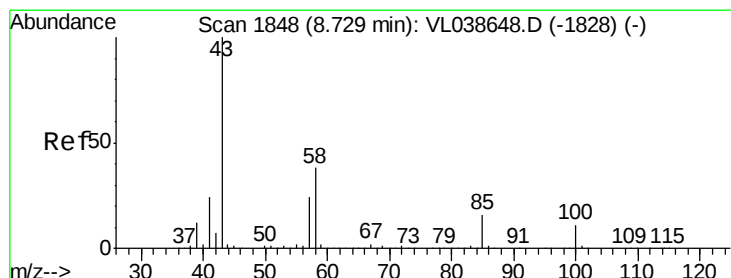
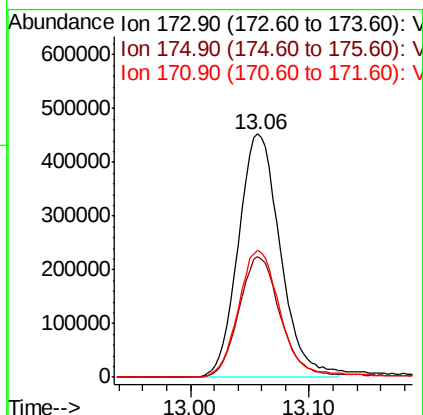
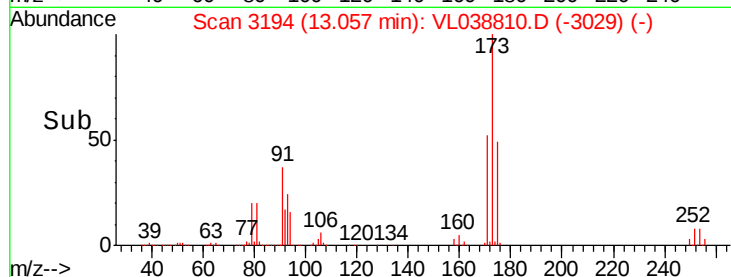
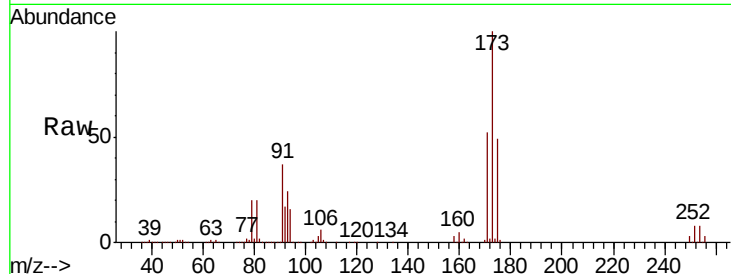
Tot Ion:1

Ion Rati

173 100

175 51.

171 54.



#50

4-Methyl-2-Pentanone

Concen: 10.029 ppbv

RT: 8.76 min Scan# 1857

Delta R.T. 0.03 min

Lab File: VL038810.D

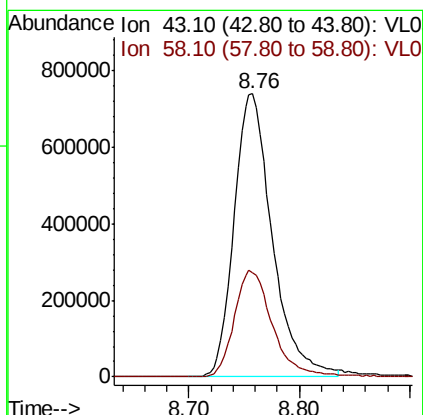
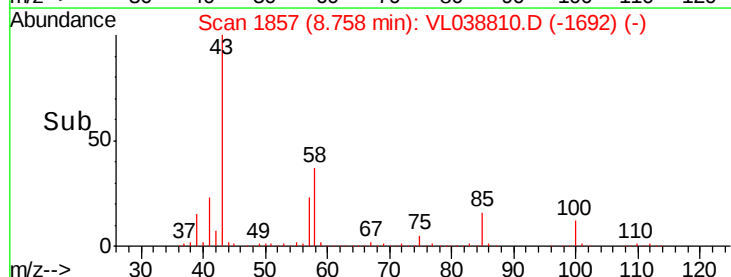
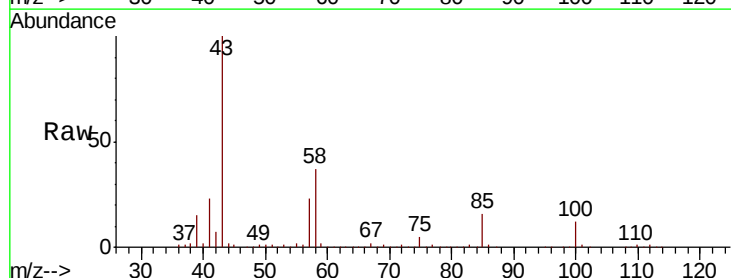
Acq: 31 Mar 2022 10:22

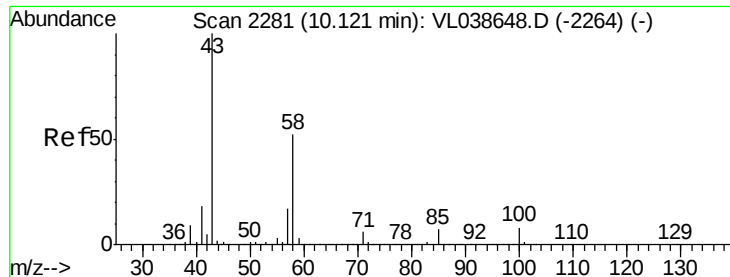
Tgt Ion: 43 Resp: 1775311

Ion Ratio Lower Upper

43 100

58 38.1 29.9 44.9





#51

2-Hexanone

Concen: 10.675 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

43 100

58 51.

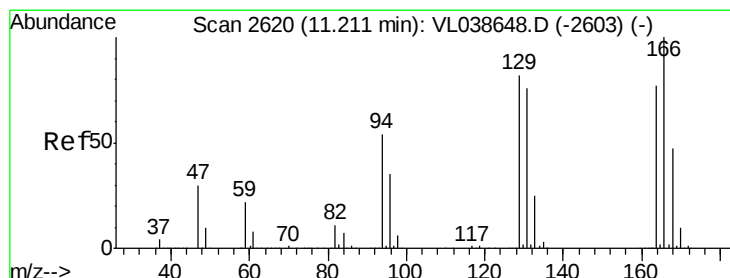
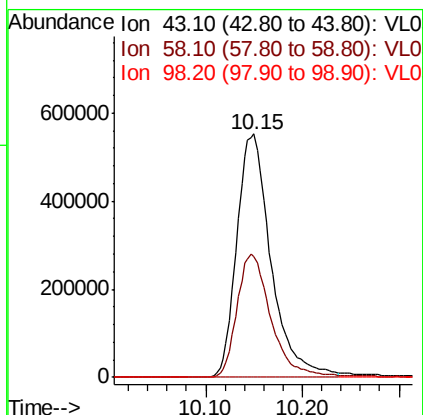
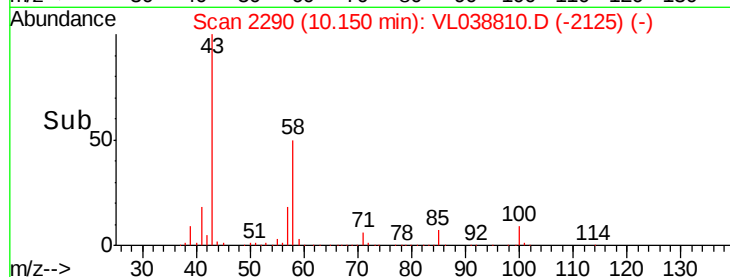
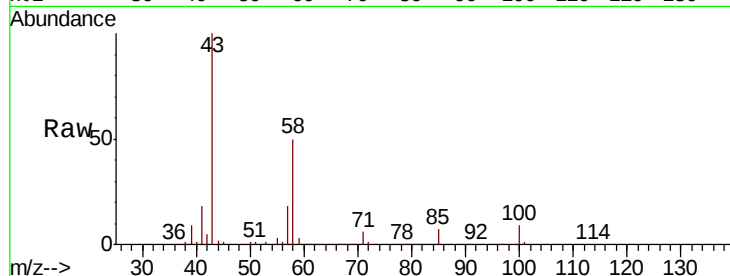
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#52

Tetrachloroethene

Concen: 10.395 ppbv

RT: 11.24 min Scan# 2629

Delta R.T. 0.03 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

Tgt Ion:164 Resp: 706251

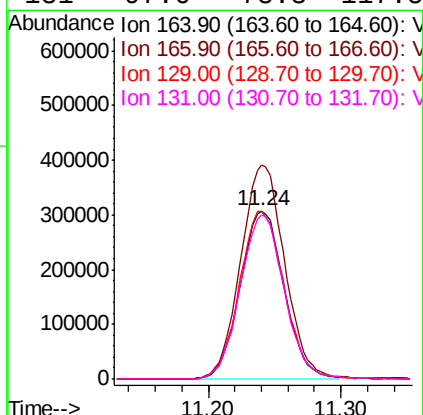
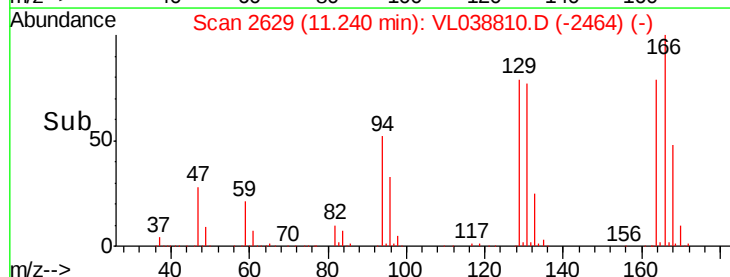
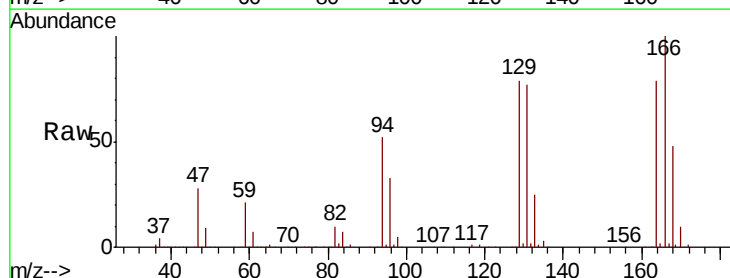
Ion Ratio Lower Upper

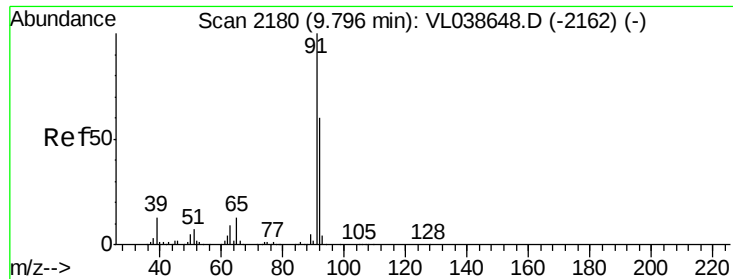
164 100

166 127.2 103.3 154.9

129 99.9 85.2 127.8

131 97.6 78.3 117.5





#53

Toluene

Concen: 10.704 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 10:22

Tot Ion:

Ion Ratio

91 100

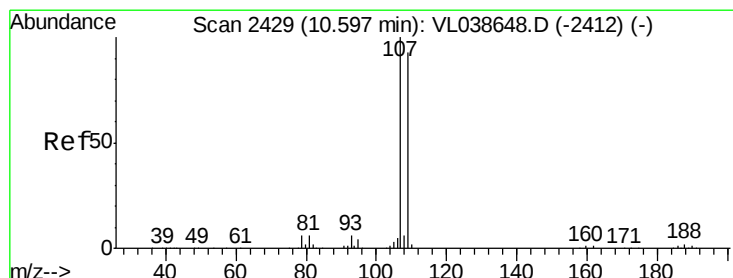
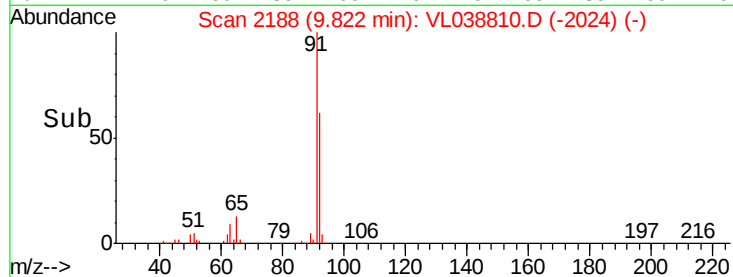
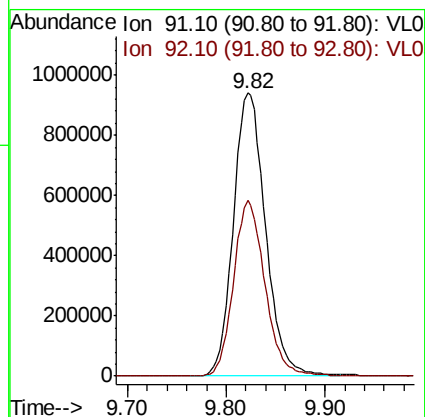
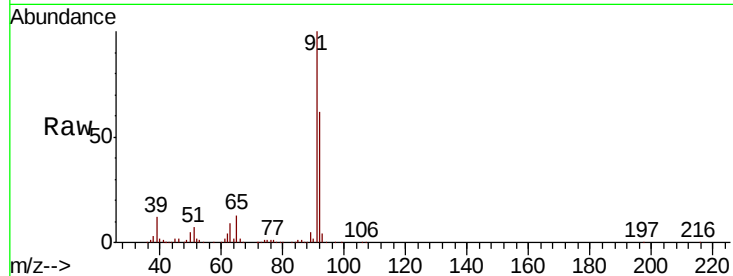
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#54

1,2-Dibromoethane

Concen: 10.611 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. 0.03 min

Lab File: VL038810.D

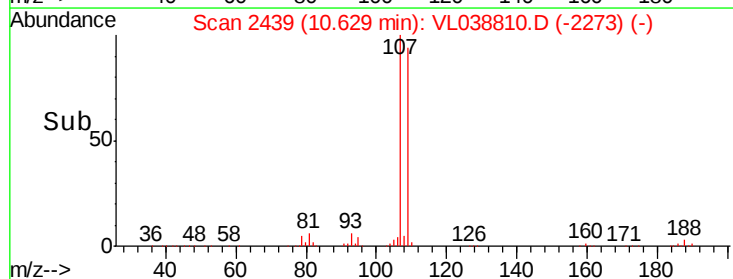
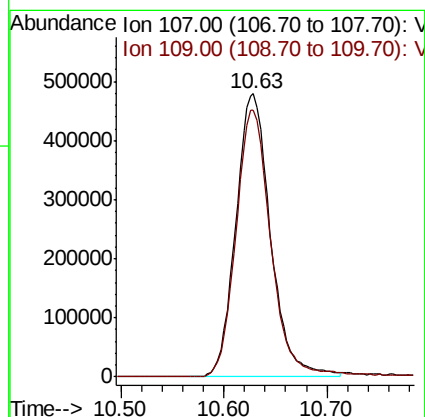
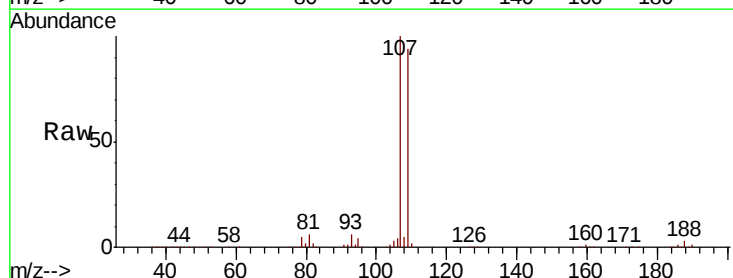
Acq: 31 Mar 2022 10:22

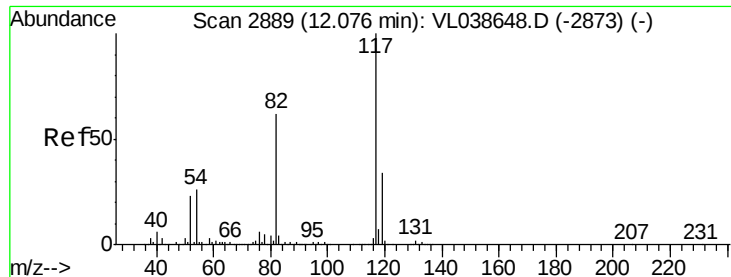
Tgt Ion:107 Resp: 1122728

Ion Ratio Lower Upper

107 100

109 94.3 74.1 111.1



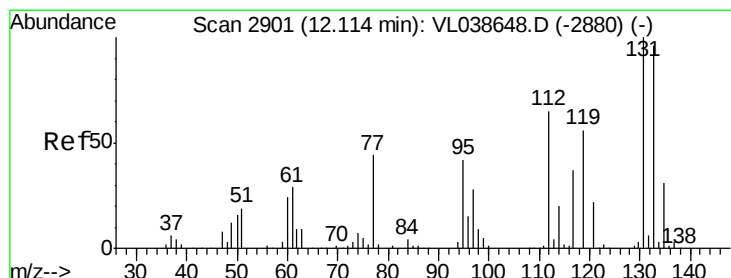
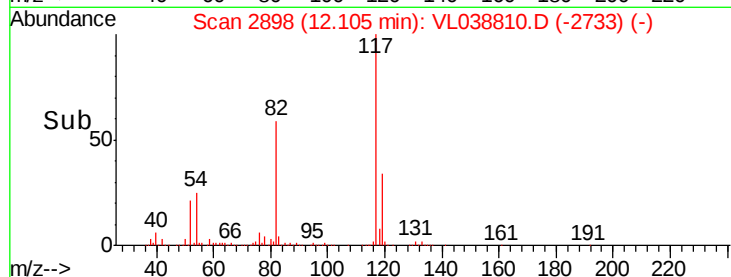
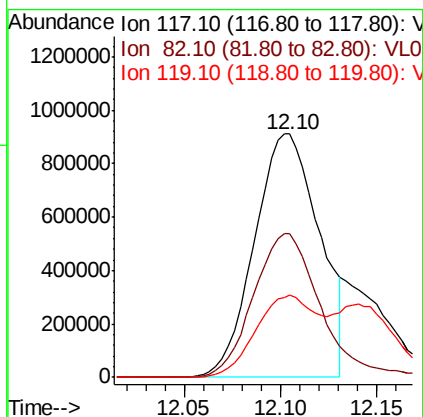
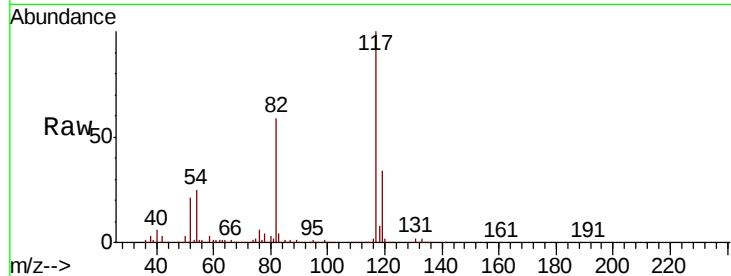


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:1
Ion Rati
117 100
82 63.
119 34.

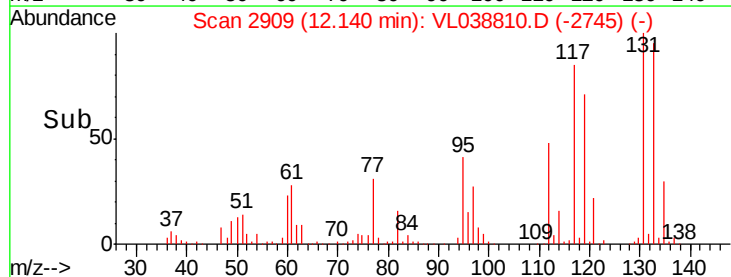
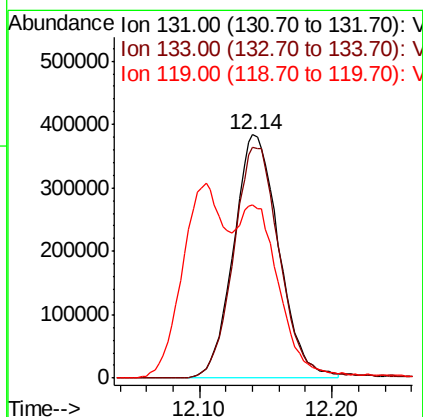
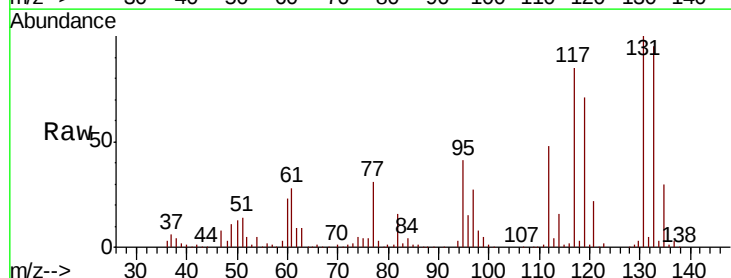
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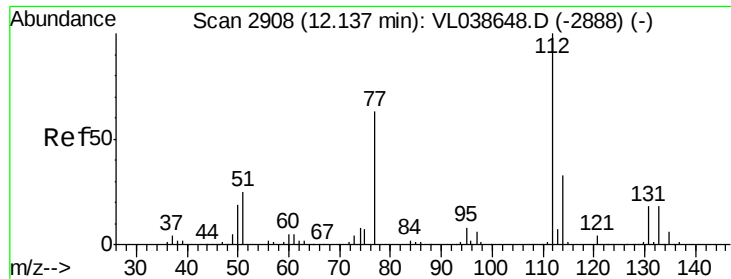
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.296 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion:131 Resp: 910017
Ion Ratio Lower Upper
131 100
133 98.7 77.3 115.9
119 68.8 53.0 79.6



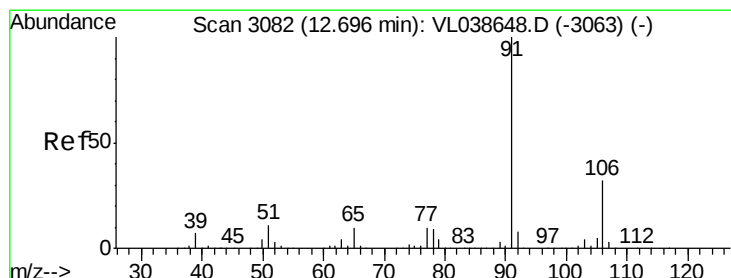
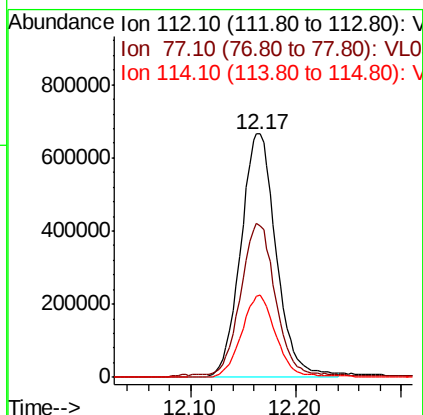
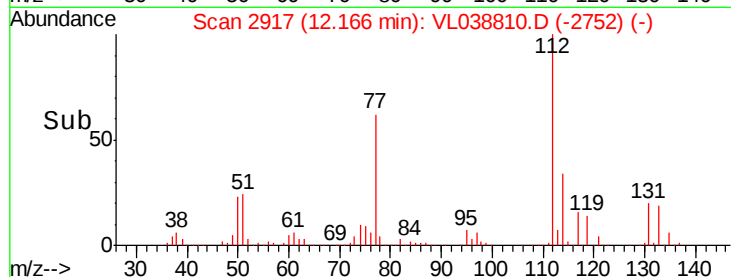
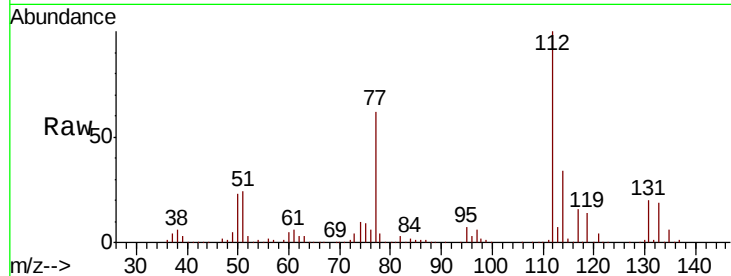


#57
Chlorobenzene
Concen: 10.137 ppbv
RT: 12.17 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 31 Mar 2022 10:22

Tot Ion: 1
Ion Ratio
112 100
77 61.
114 33.

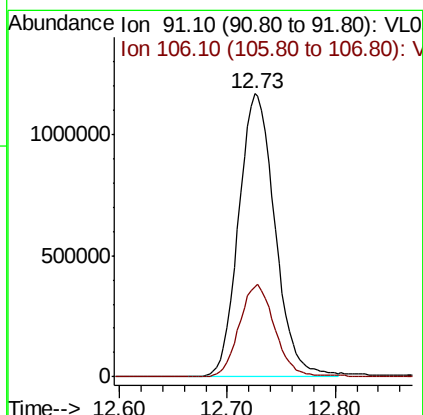
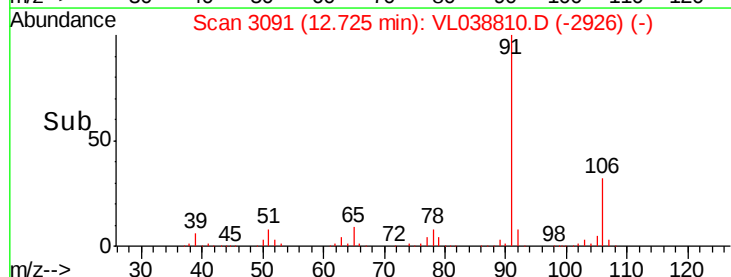
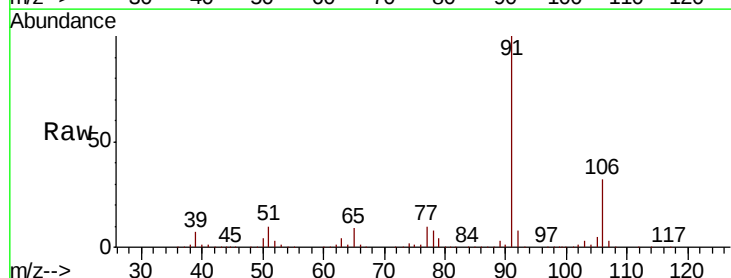
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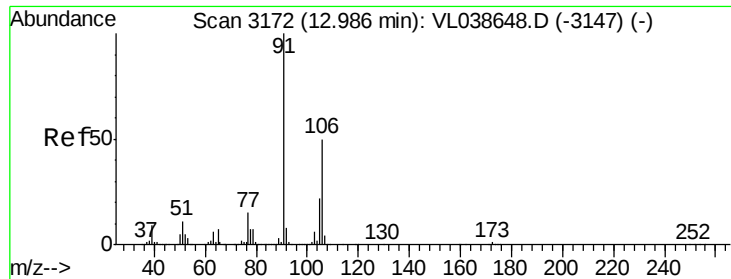
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#58
Ethyl Benzene
Concen: 10.987 ppbv
RT: 12.73 min Scan# 3091
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 91 Resp: 2738336
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



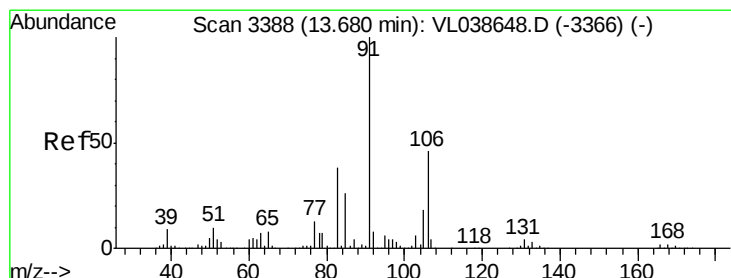
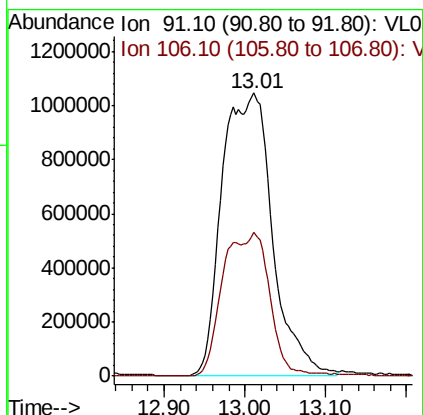
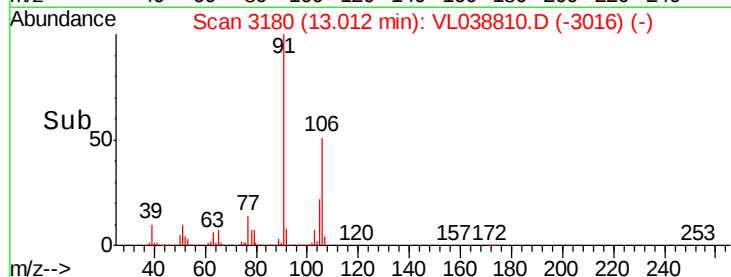
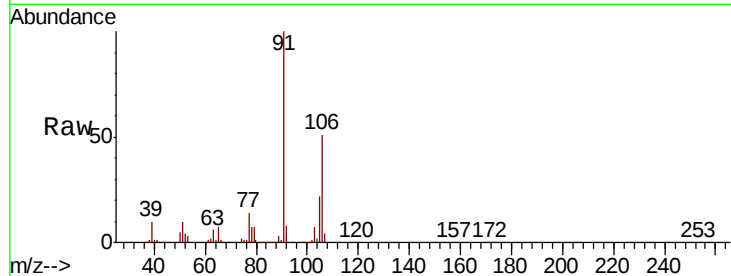


#59
m/p-Xylene
Concen: 20.705 ppbv m
RT: 13.01 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 31 Mar 2022 10:22

Tot Ion:
Ion Ratio
91 100
106 47.

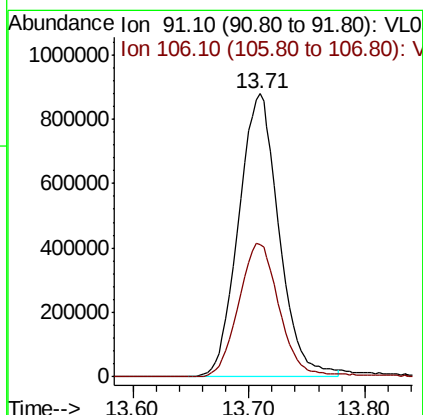
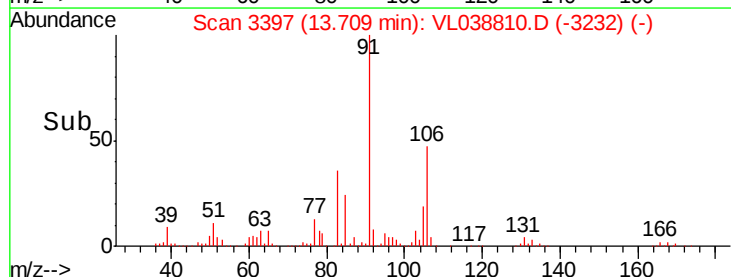
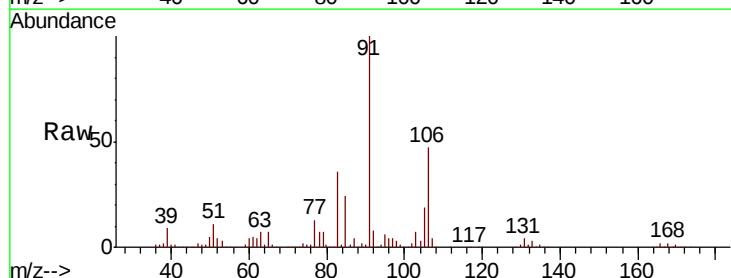
Manual Integrations
APPROVED

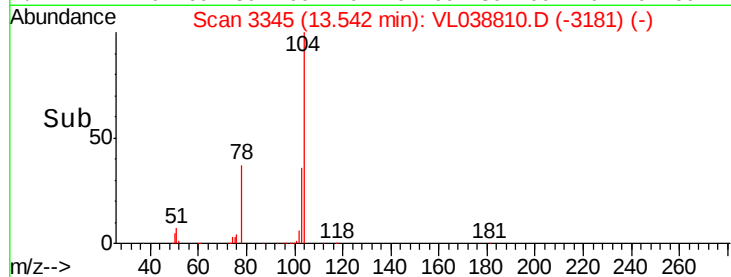
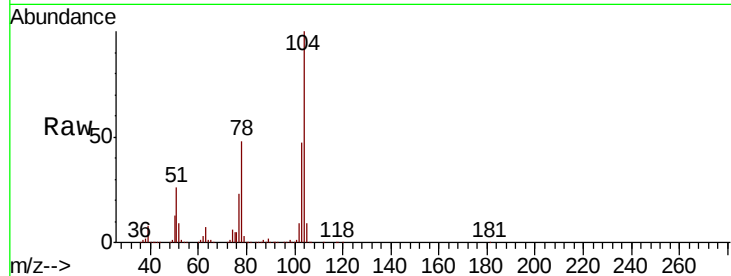
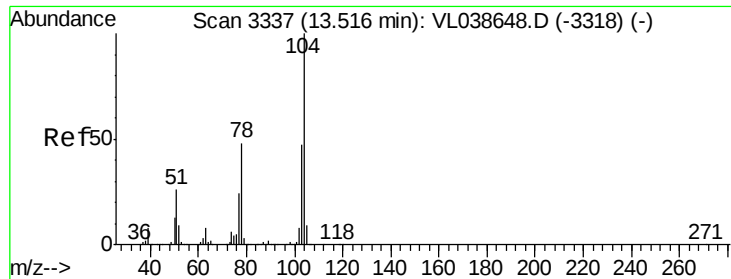
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#60
o-Xylene
Concen: 10.205 ppbv
RT: 13.71 min Scan# 3397
Delta R.T.: 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 91 Resp: 2112349
Ion Ratio Lower Upper
91 100
106 48.8 23.5 70.5



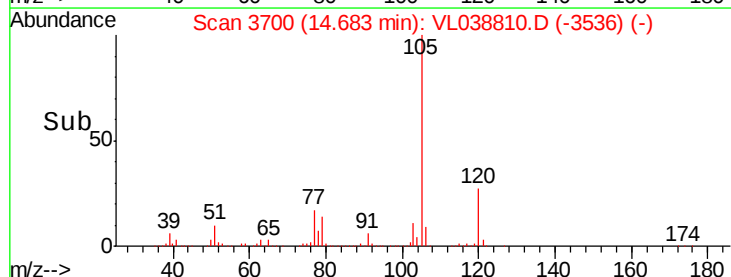
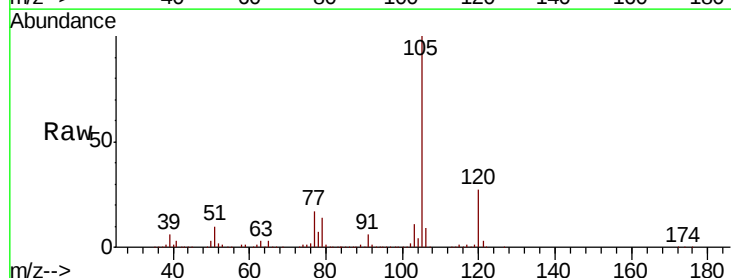
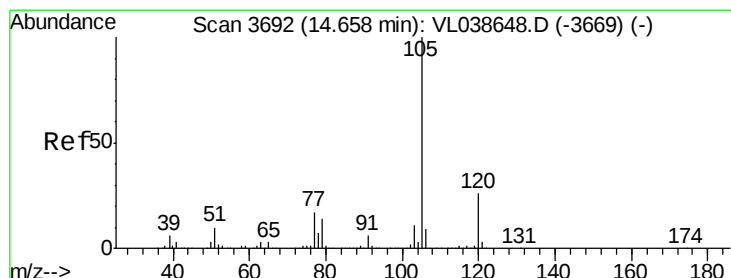
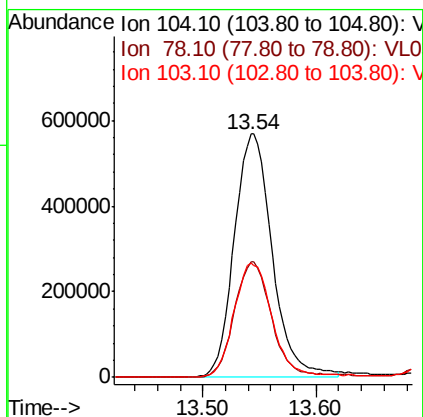


#61
Stvrene
Concen: 11.871 ppbv
RT: 13.54 min
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Manual Integrations
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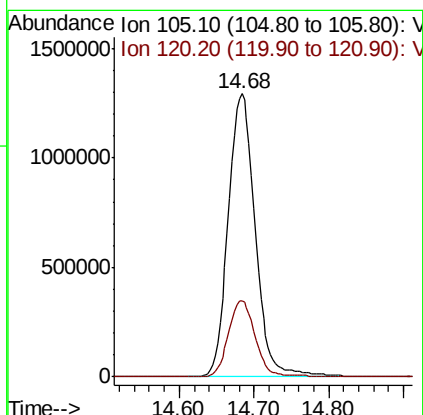
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022

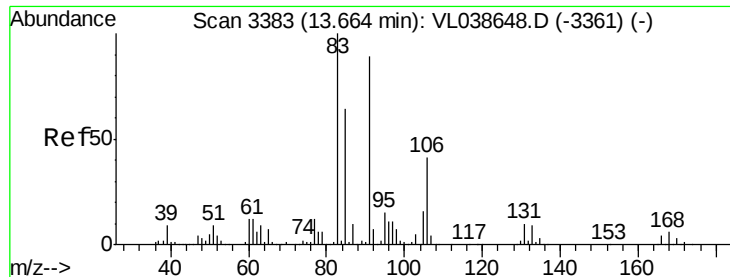
Tot Ion:1
Ion Ratio
104 100
78 47.
103 47.



#62
Isopropylbenzene
Concen: 10.444 ppbv
RT: 14.68 min Scan# 3700
Delta R.T. 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion:105 Resp: 3249930
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8



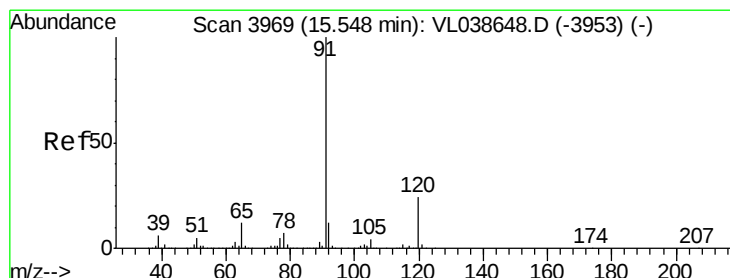
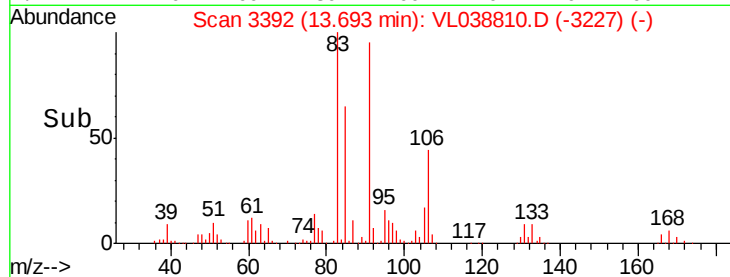
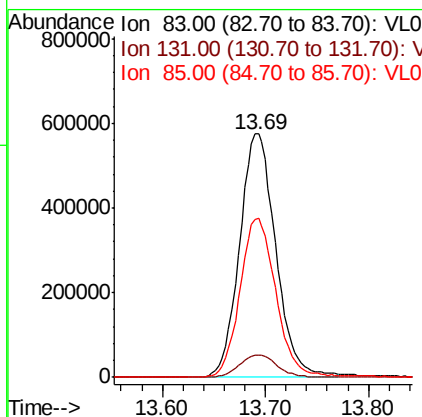
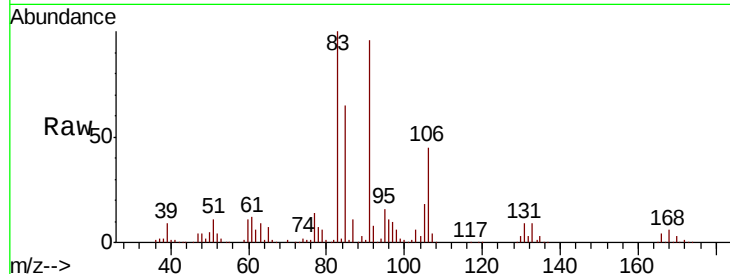


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.741 ppbv
 RT: 13.69 min
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 83 100
 131 9.1
 85 66.1

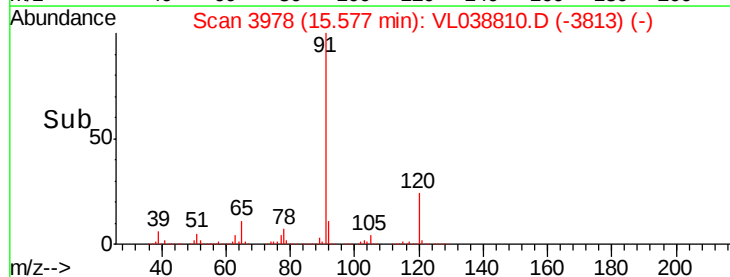
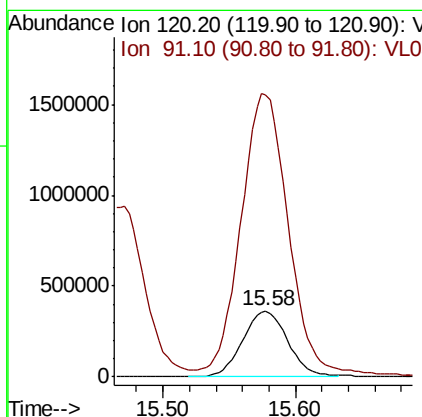
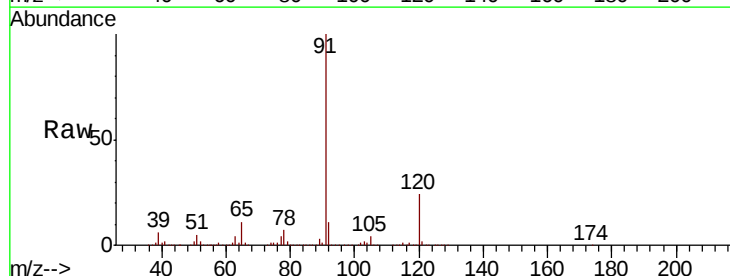
Manual Integrations
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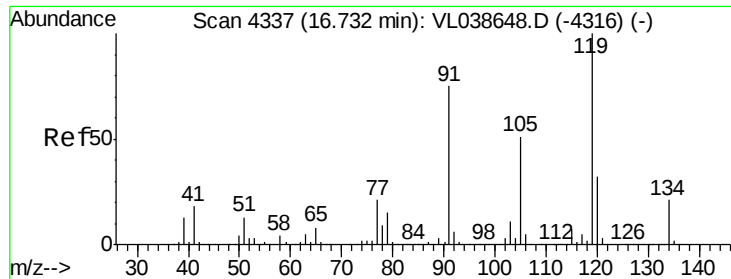
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#64
 n-propylbenzene
 Concen: 10.556 ppbv
 RT: 15.58 min Scan# 3978
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:120 Resp: 861981
 Ion Ratio Lower Upper
 120 100
 91 457.1 368.0 552.0



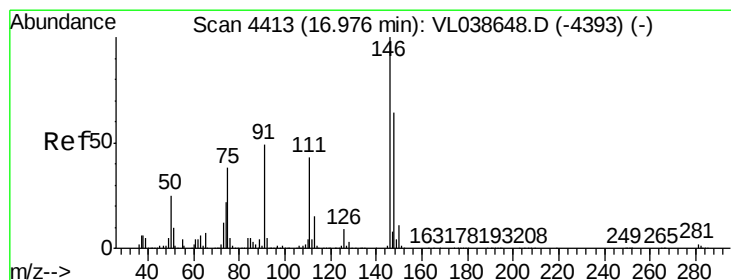
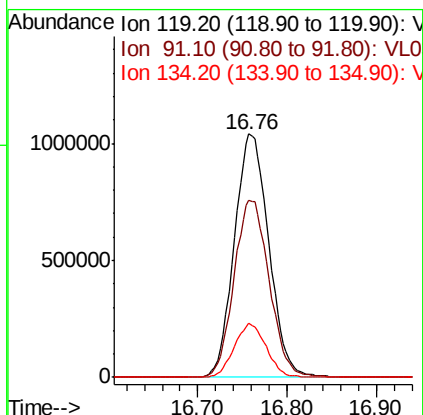
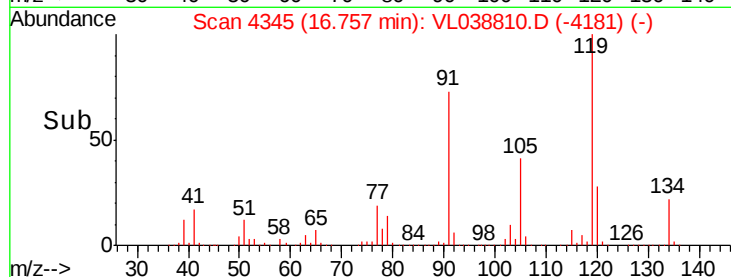
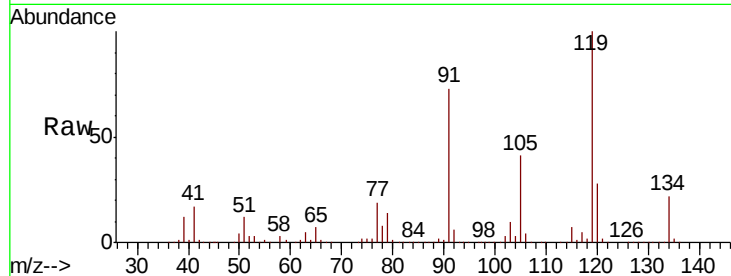


#65
tert-Butylbenzene
Concen: 9.960 ppbv
RT: 16.76 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 31 Mar 2022 10:22
VSTDCCC010EC

Tot Ion: 1
Ion Ratio
119 100
91 74.
134 20.

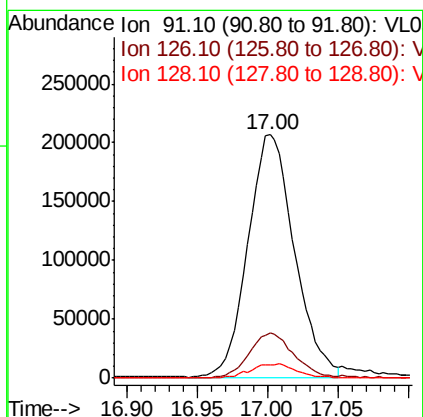
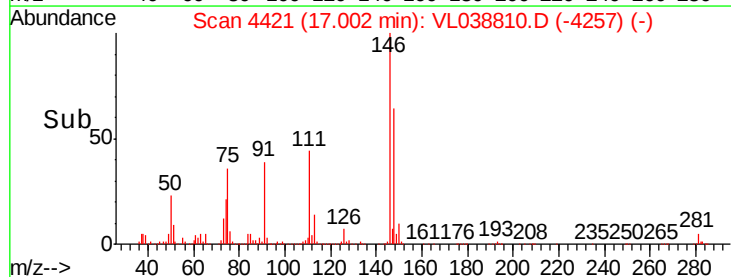
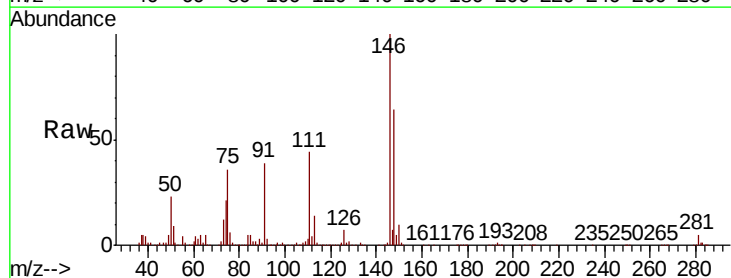
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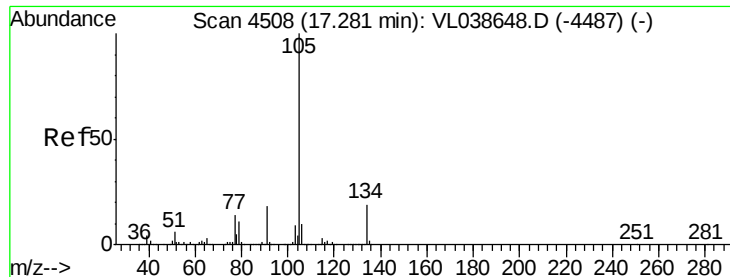
Reviewed By : Semsettin Yesilyurt 04/02/2022
Supervised By : Mahesh Dadoda 04/04/2022



#66
Benzyl Chloride
Concen: 8.957 ppbv
RT: 17.00 min Scan# 4421
Delta R.T.: 0.03 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion: 91 Resp: 474230
Ion Ratio Lower Upper
91 100
126 18.7 14.3 21.5
128 6.2 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.822 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 31 Mar 2022 10:22

Tot Ion:1

Ion Rati

105 100

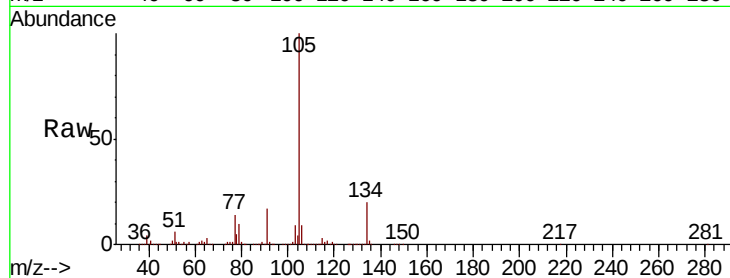
134 19.

Manual Integrations

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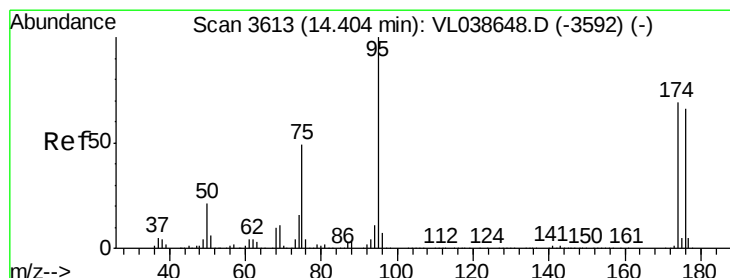
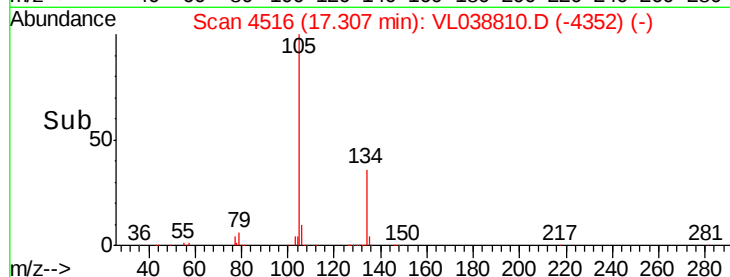
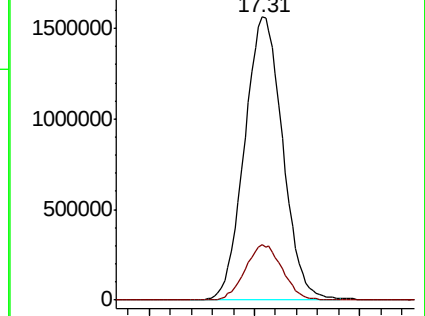
Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. 0.03 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

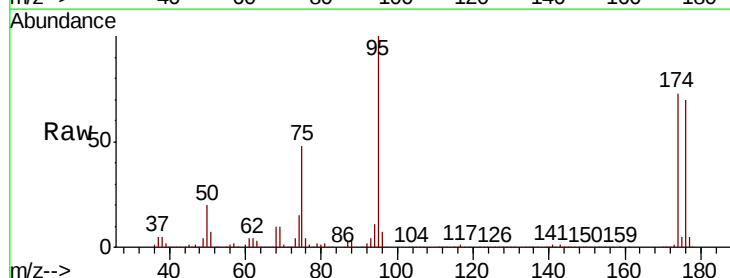
Tgt Ion: 95 Resp: 1616454

Ion Ratio Lower Upper

95 100

174 74.2 56.1 84.1

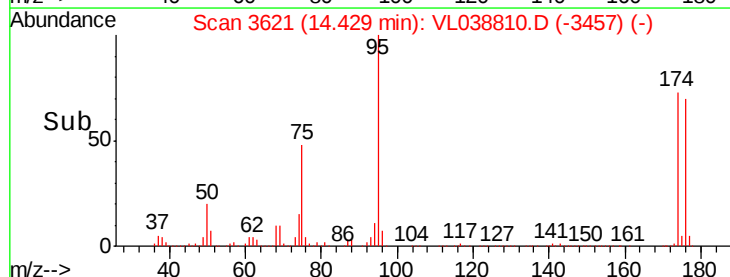
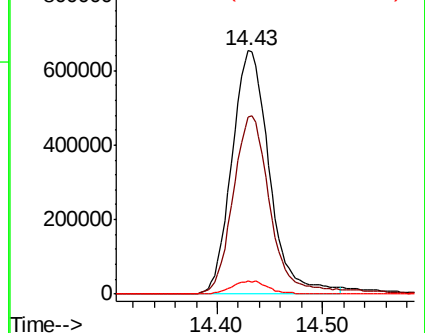
175 5.3 4.2 6.2

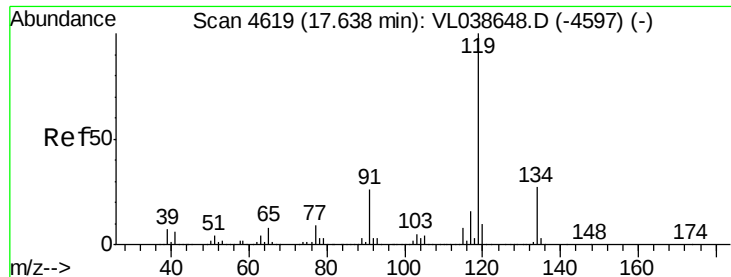


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



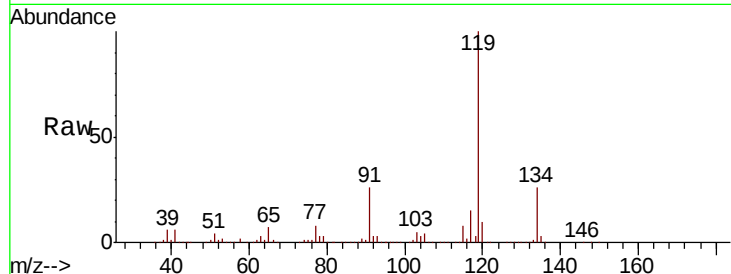


#69
 p-Isopropyltoluene
 Concen: 9.962 ppbv
 RT: 17.67 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

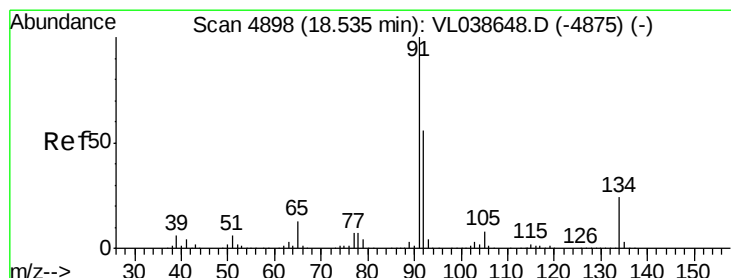
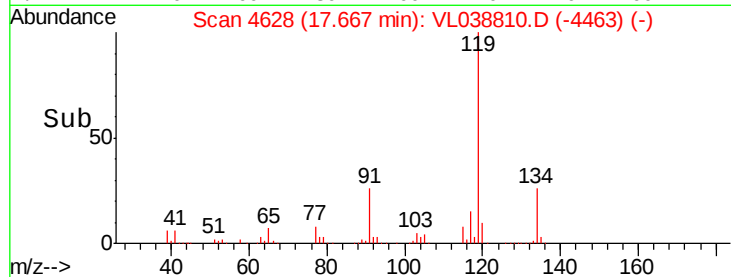
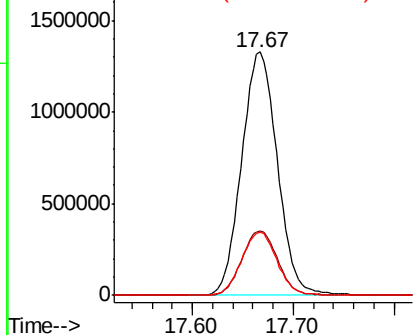
Tot Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 25.

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Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

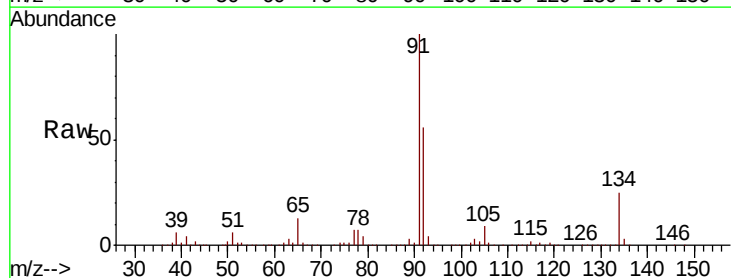


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

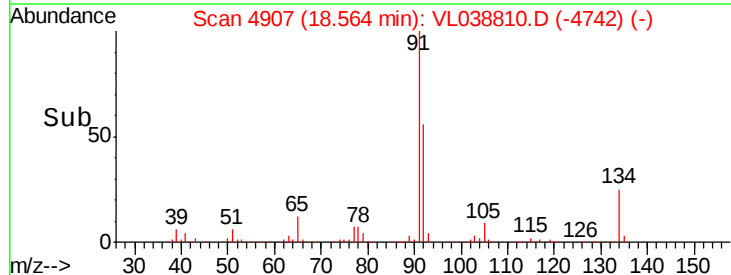
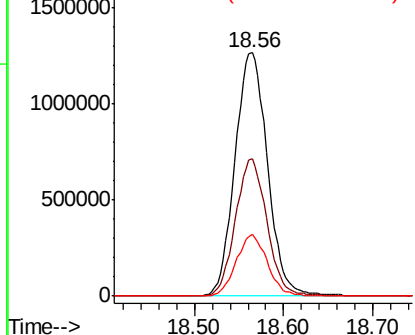


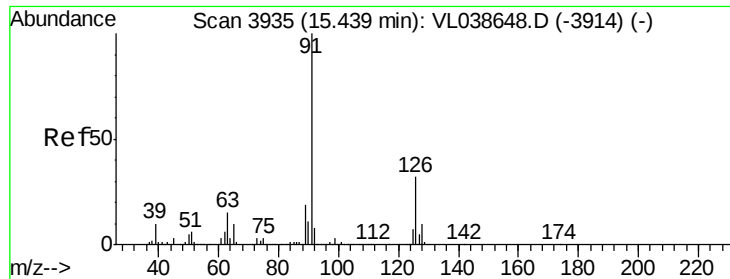
#70
 n-Butylbenzene
 Concen: 9.549 ppbv
 RT: 18.56 min Scan# 4907
 Delta R.T.: 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion: 91 Resp: 3214420
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.9 65.9
 134 24.3 18.7 28.1



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



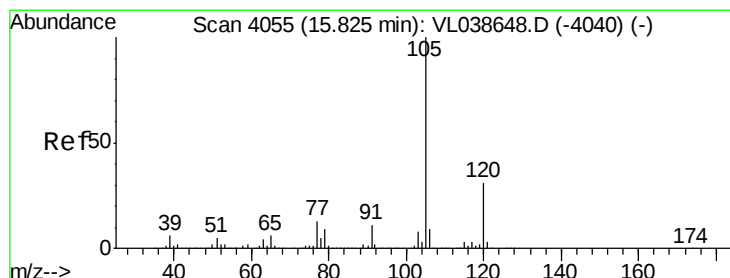
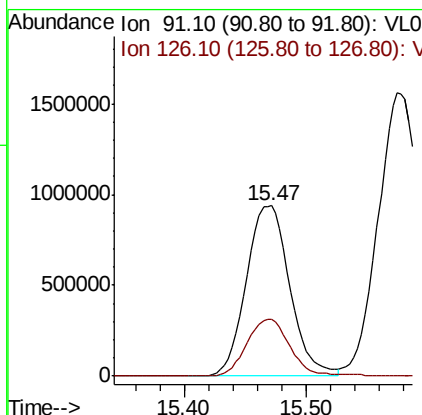
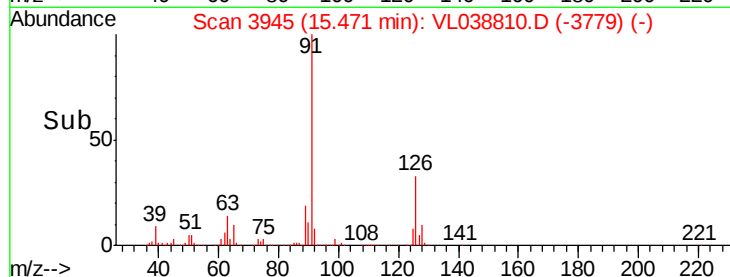
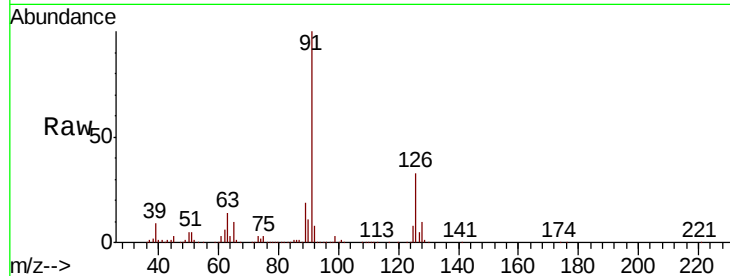


#71
 2-Chlorotoluene
 Concen: 10.023 ppbv
 RT: 15.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

Tot Ion:
 Ion Ratio
 91 100
 126 34.

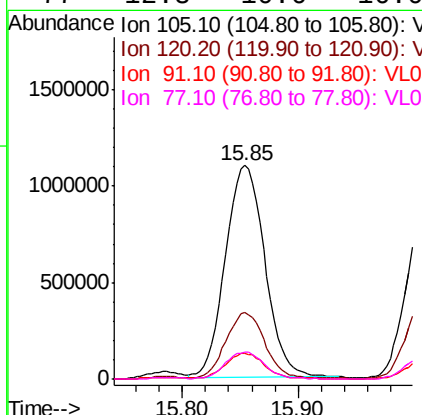
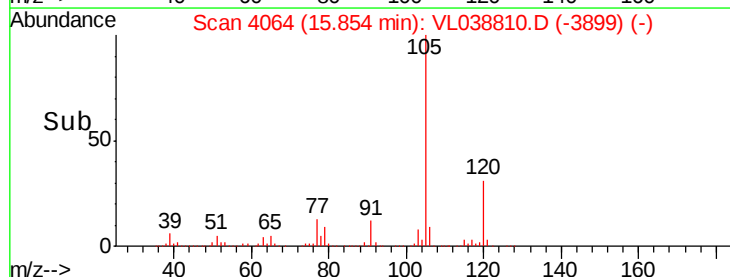
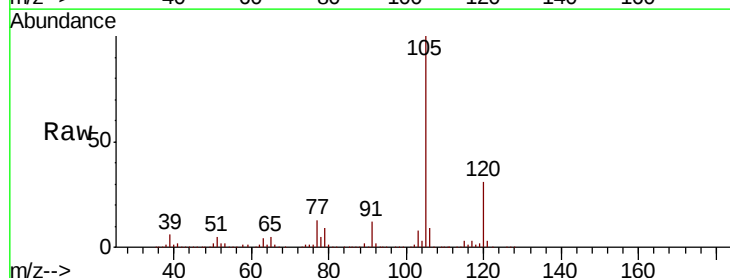
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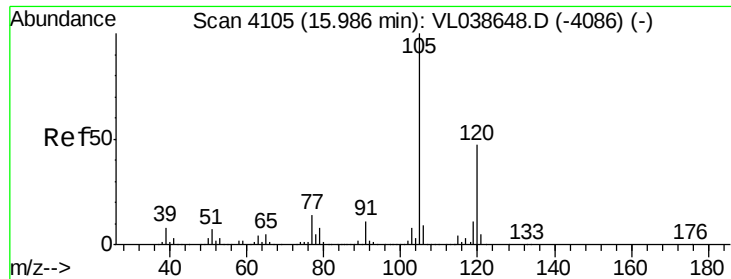
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#72
 4-Ethyltoluene
 Concen: 10.645 ppbv
 RT: 15.85 min Scan# 4064
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:105 Resp: 2601071
 Ion Ratio Lower Upper
 105 100
 120 31.4 24.9 37.3
 91 12.0 9.8 14.6
 77 12.8 10.6 16.0

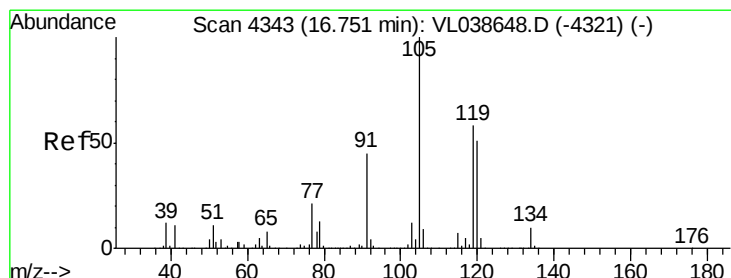
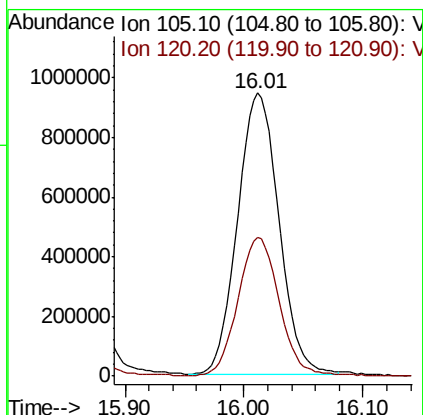
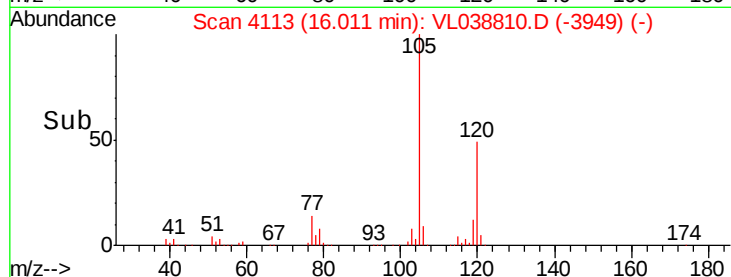
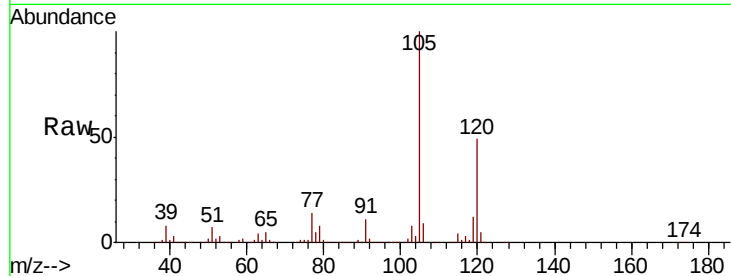




#73
 1,3,5-Trimethylbenzene
 Concen: 10.176 ppbv
 RT: 16.01 min
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

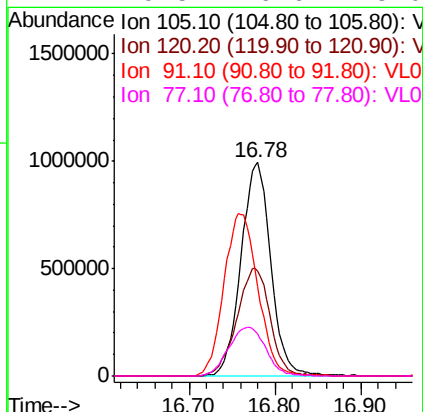
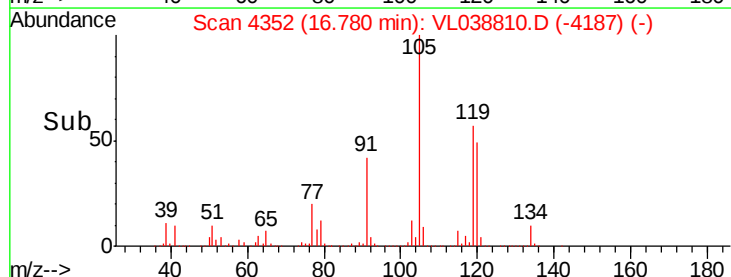
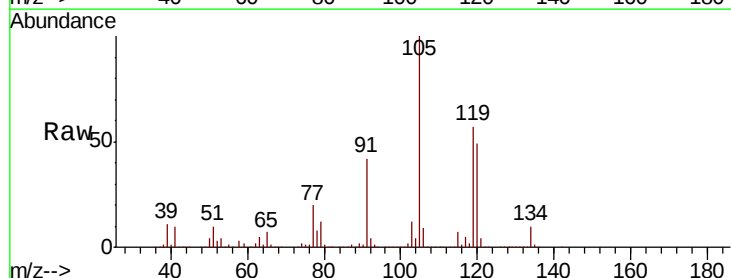
Manual Integrations
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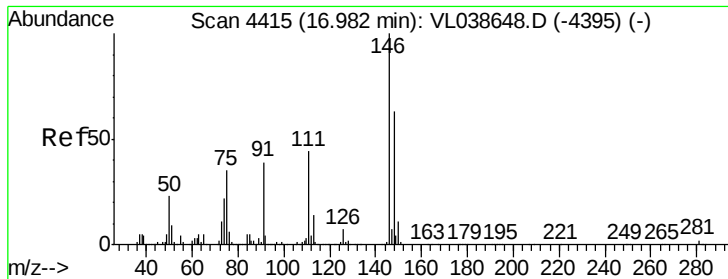
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.844 ppbv
 RT: 16.78 min Scan# 4352
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:105 Resp: 2387486
 Ion Ratio Lower Upper
 105 100
 120 49.2 40.5 60.7
 91 42.0 35.9 53.9
 77 19.5 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.721 ppbv

RT: 17.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 31 Mar 2022 10:22

Tot Ion:1

Ion Rati

146 100

111 42.

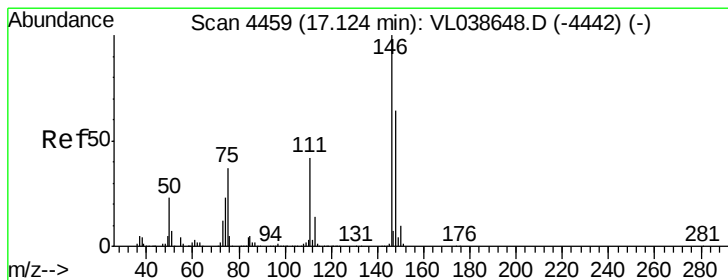
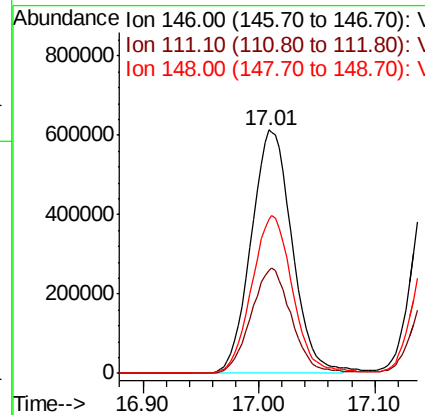
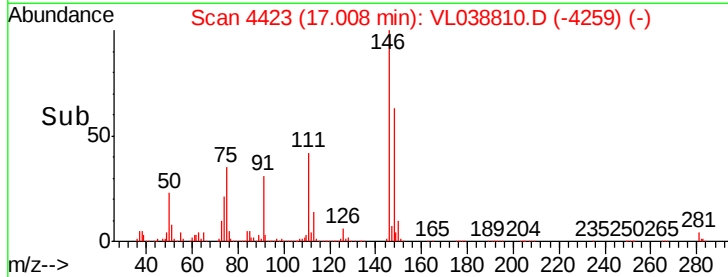
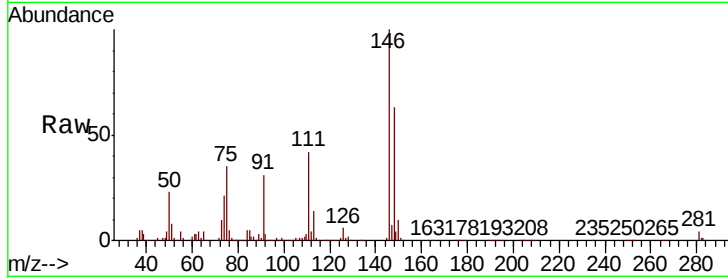
148 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/02/2022

Supervised By :Mahesh Dadoda 04/04/2022



#76

1,4-Dichlorobenzene

Concen: 9.541 ppbv

RT: 17.15 min Scan# 4468

Delta R.T. 0.03 min

Lab File: VL038810.D

Acq: 31 Mar 2022 10:22

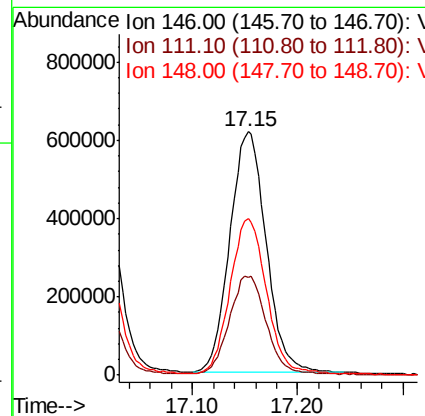
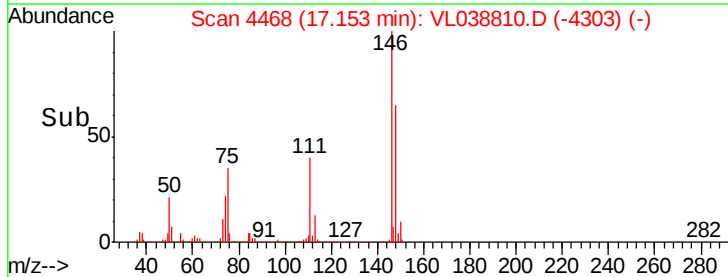
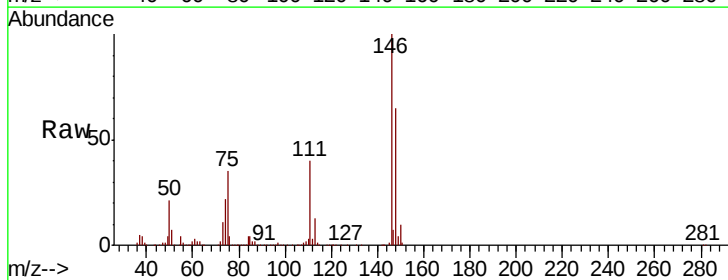
Tgt Ion:146 Resp: 1465720

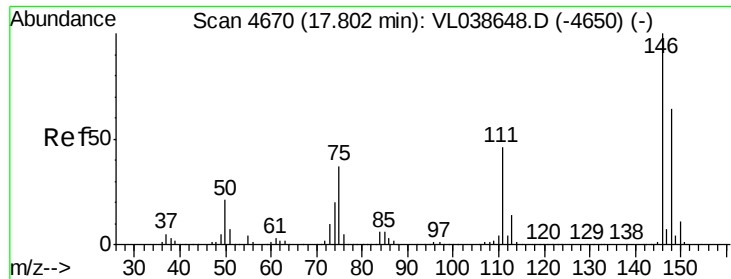
Ion Ratio Lower Upper

146 100

111 42.7 21.4 64.2

148 66.6 32.1 96.3



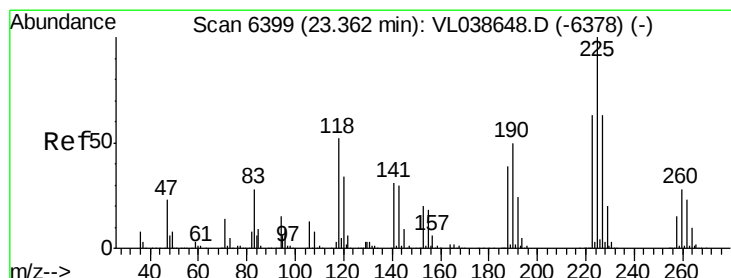
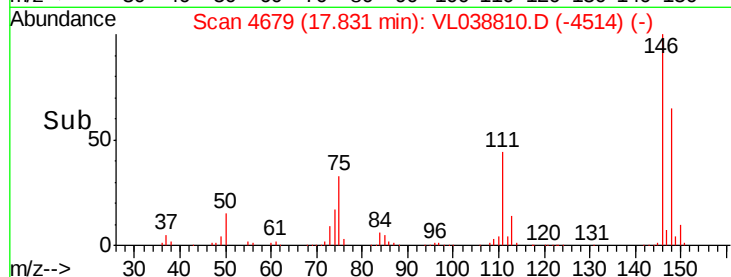
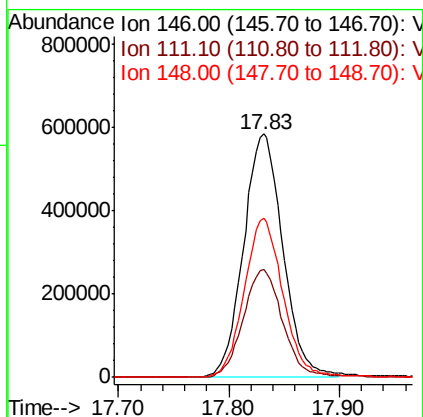
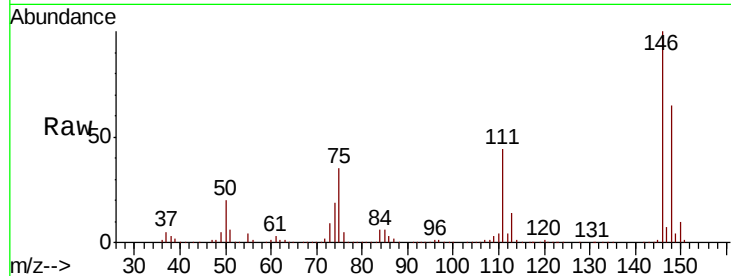


#77
 1,2-Dichlorobenzene
 Concen: 9.384 ppbv
 RT: 17.83 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

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

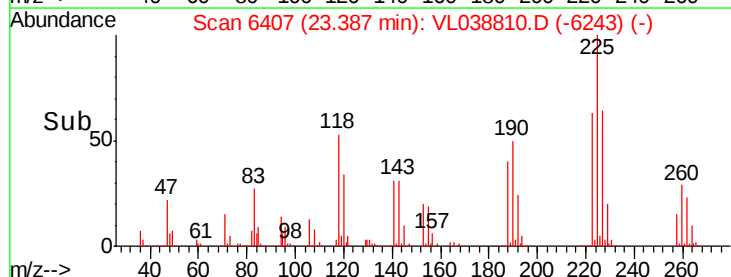
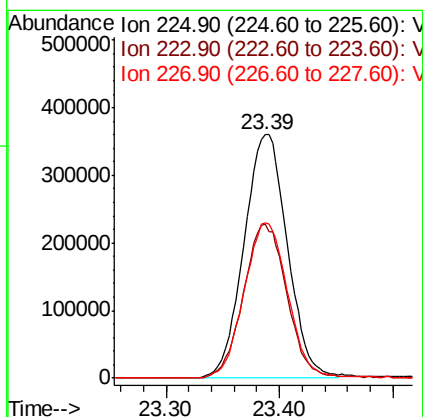
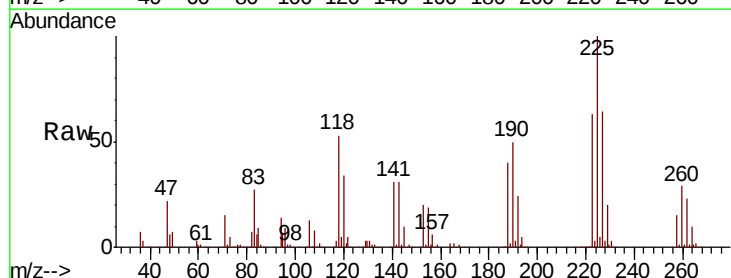
Manual Integrations
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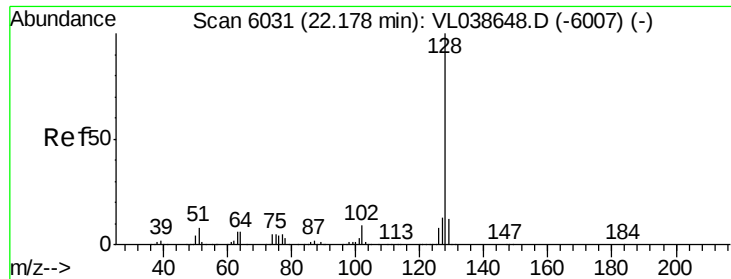
Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 6.790 ppbv
 RT: 23.39 min Scan# 6407
 Delta R.T. 0.03 min
 Lab File: VL038810.D
 Acq: 31 Mar 2022 10:22

Tgt Ion:225 Resp: 960388
 Ion Ratio Lower Upper
 225 100
 223 63.7 51.0 76.6
 227 64.2 51.5 77.3



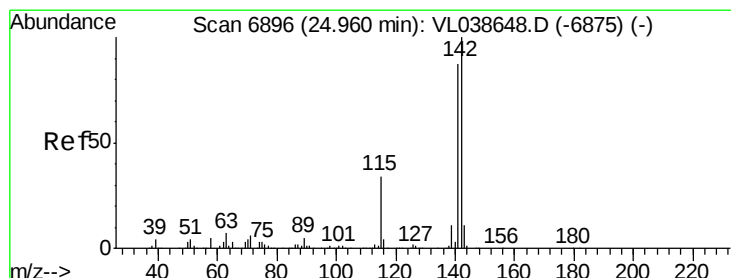
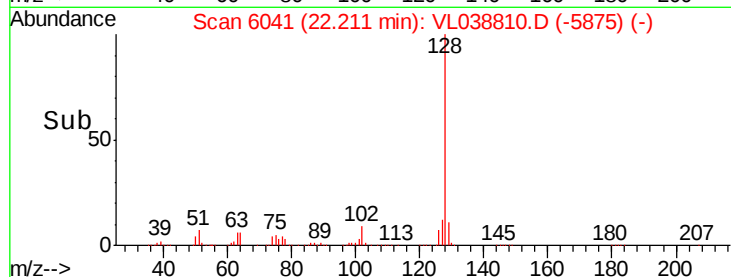
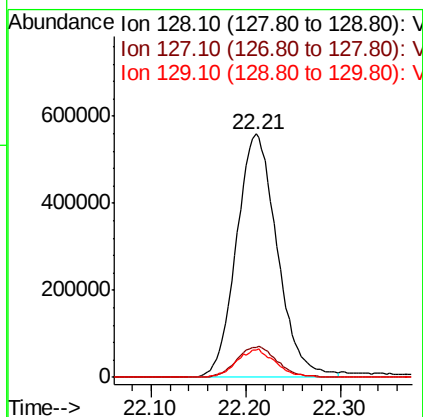
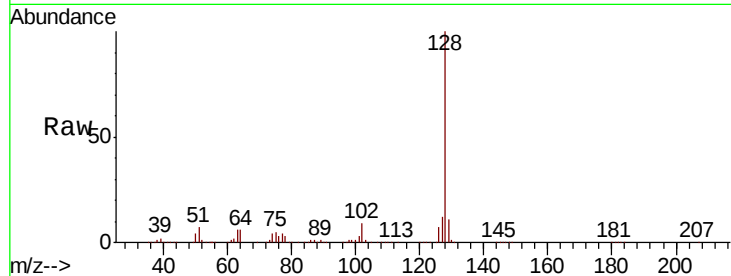


#79
Naphthalene
Concen: 9.006 ppbv
RT: 22.21 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 31 Mar 2022 10:22 VSTDCCC010EC

Tot Ion:1
Ion Rati
128 100
127 12.
129 11.

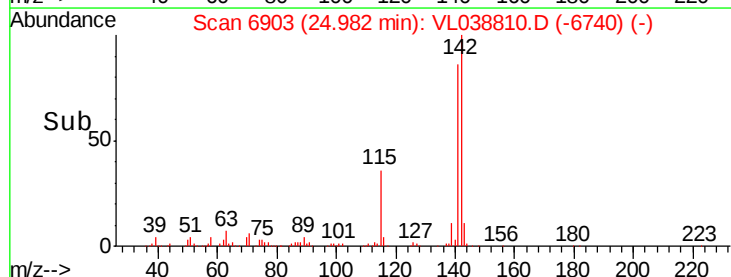
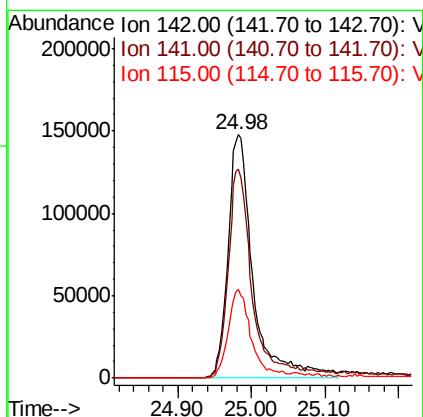
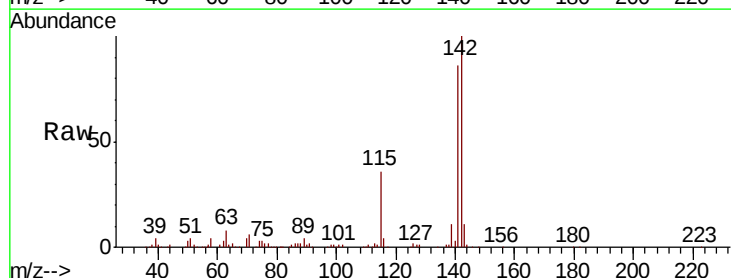
Manual Integrations
APPROVED

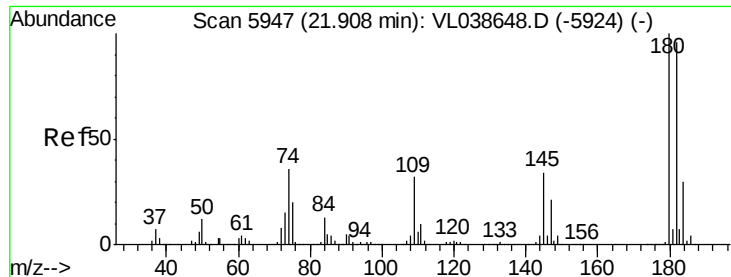
Reviewed By :Semsettin Yesilyurt 04/02/2022
Supervised By :Mahesh Dadoda 04/04/2022



#80
Naphthalene, 2-methyl-
Concen: 7.072 ppbv
RT: 24.98 min Scan# 6903
Delta R.T. 0.02 min
Lab File: VL038810.D
Acq: 31 Mar 2022 10:22

Tgt Ion:142 Resp: 351384
Ion Ratio Lower Upper
142 100
141 83.6 66.4 99.6
115 37.2 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.155 ppbv
 RT: 21.94
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 31 Mar 2022 10:22

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022
 Supervised By :Mahesh Dadoda 04/04/2022

