

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038867.D
 Acq On : 8 Apr 2022 9:46
 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 11 01:49:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

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

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	979768	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2674409	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2583131m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1997031	10.19	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.07	85	2174442	15.647	ppbv	96
3) Chlorodifluoromethane	3.01	51	1370329	11.460	ppbv	99
4) Chloromethane	3.16	50	679967	10.982	ppbv	97
5) Vinyl Chloride	3.28	62	638901	11.167	ppbv	99
6) Bromomethane	3.50	94	323624	11.692	ppbv	97
7) Chloroethane	3.58	64	210846	11.052	ppbv	96
8) Dichlorotetrafluoroethane	3.21	85	1511239	11.641	ppbv	96
9) Propene	3.03	41	666788	10.540	ppbv	95
10) Heptane	8.15	43	1749117	10.976	ppbv	99
11) Trichlorofluoromethane	3.97	101	1410553	12.631	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.51	101	1050122	12.276	ppbv	95
13) Ethanol	3.63	45	59233m	15.407	ppbv	
14) Bromoethene	3.76	108	451248	11.995	ppbv	95
15) Acetone	3.87	43	1084200	11.115	ppbv	99
16) 1,3-Butadiene	3.35	39	624488	11.199	ppbv	98
17) tert-Butyl alcohol	4.30	59	780542	8.923	ppbv	99
18) 1,1-Dichloroethene	4.31	96	469824	12.049	ppbv	90
19) Isopropyl Alcohol	3.99	45	495688	9.943	ppbv #	100
20) Methylene Chloride	4.37	84	388404	10.979	ppbv	96
21) Allyl Chloride	4.43	41	821096	11.242	ppbv	99
22) trans-1,2-Dichloroethene	4.91	96	511614	12.959	ppbv	99
23) Vinyl Acetate	5.10	43	1106251	11.645	ppbv #	98
24) 1,1-Dichloroethane	5.03	63	996147	11.604	ppbv	99
25) Ethyl Acetate	5.70	43	2853611	11.529	ppbv	100
26) Hexane	5.71	57	1255475	11.144	ppbv	98
27) Carbon Disulfide	4.57	76	1266745	12.261	ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	959793	11.031	ppbv	99
29) Chloroform	5.77	83	1889484	11.987	ppbv	99
30) Cyclohexane	7.15	84	1075575	10.832	ppbv	98
31) cis-1,2-Dichloroethene	5.57	61	1214316	11.723	ppbv	98
32) 1,1,1-Trichloroethane	6.54	97	1844986	11.617	ppbv	99
34) 2-Butanone	5.26	43	1214425	11.492	ppbv	99
35) Carbon Tetrachloride	7.04	117	1856122	11.577	ppbv	100
36) Benzene	6.91	78	2662595	10.944	ppbv	99
37) 1,2-Dichloroethane	6.33	62	1397873	12.567	ppbv	98
38) Trichloroethene	7.86	130	1049448	10.513	ppbv	97
39) 1,2-Dichloropropane	7.64	63	1035110	11.123	ppbv	96
40) 1,4-Dioxane	7.85	88	328148m	10.384	ppbv	
41) Tetrahydrofuran	6.07	42	1134688	11.305	ppbv	99
42) Bromodichloromethane	7.82	83	2092638	11.913	ppbv	99
43) Methyl Methacrylate	8.03	69	1112479	11.939	ppbv	98

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Manual Integrations
 APPROVED

Quant Time: Apr 11 01:49:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

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

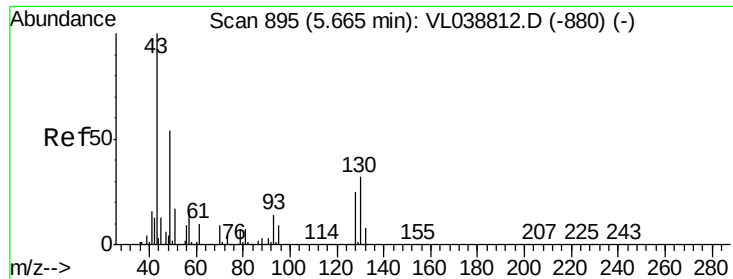
QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	4411795	10.711	ppbv	99
45) t-1,3-Dichloropropene	9.30	75	1127082	11.568	ppbv	100
46) cis-1,3-Dichloropropene	8.73	75	1443448	11.236	ppbv	97
47) 1,1,2-Trichloroethane	9.50	97	1077472	11.300	ppbv	99
48) Dibromochloromethane	10.33	129	1741388	11.652	ppbv	99
49) Bromoform	13.06	173	1397454	11.806	ppbv	99
50) 4-Methyl-2-Pentanone	8.76	43	2772527	11.664	ppbv	100
51) 2-Hexanone	10.15	43	2120573	11.840	ppbv #	100
52) Tetrachloroethene	11.25	164	876752	10.317	ppbv	99
53) Toluene	9.83	91	3065863	10.916	ppbv	99
54) 1,2-Dibromoethane	10.63	107	1535210	11.591	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.15	131	1216024	10.742	ppbv	97
57) Chlorobenzene	12.17	112	2163283	10.225	ppbv	97
58) Ethyl Benzene	12.73	91	4180077	10.829	ppbv	94
59) m/p-Xylene	13.01	91	6878877m	21.212	ppbv	
60) o-Xylene	13.72	91	3238856	10.674	ppbv	95
61) Styrene	13.55	104	2030037	10.981	ppbv	98
62) Isopropylbenzene	14.69	105	4692434	10.302	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.70	83	2035519	10.591	ppbv	99
64) n-propylbenzene	15.58	120	1220058	10.317	ppbv	89
65) tert-Butylbenzene	16.77	119	3973332	9.833	ppbv	95
66) Benzyl Chloride	17.01	91	565356	6.872	ppbv	94
67) sec-Butylbenzene	17.31	105	5842537	10.303	ppbv	98
69) p-Isopropyltoluene	17.67	119	4794007	10.297	ppbv	98
70) n-Butylbenzene	18.57	91	5231686	11.154	ppbv	98
71) 2-Chlorotoluene	15.47	91	3708729	10.829	ppbv	95
72) 4-Ethyltoluene	15.86	105	3945517	10.889	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	3516200	10.802	ppbv	95
74) 1,2,4-Trimethylbenzene	16.78	105	3622030	10.526	ppbv	98
75) 1,3-Dichlorobenzene	17.02	146	2078506	10.404	ppbv	100
76) 1,4-Dichlorobenzene	17.16	146	2005033	10.188	ppbv	99
77) 1,2-Dichlorobenzene	17.83	146	2015800	10.236	ppbv	98
78) Hexachloro-1,3-Butadiene	23.39	225	1423280	9.147	ppbv	98
79) Naphthalene	22.22	128	2782986m	10.812	ppbv	
80) Naphthalene,2-methyl-	24.98	142	565459	8.915	ppbv	98
81) 1,2,4-Trichlorobenzene	21.94	180	1547514	10.273	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 8 Apr 2022 9:40

Tot Ion:

Ion Ratio

49 100

128 48.

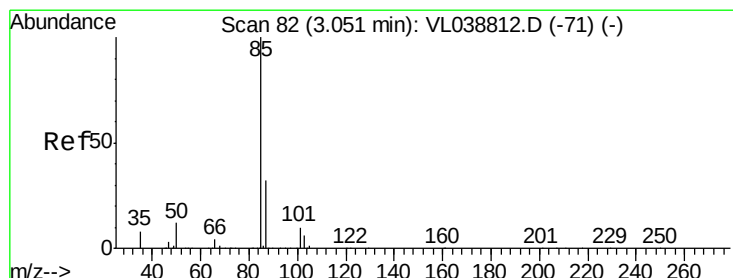
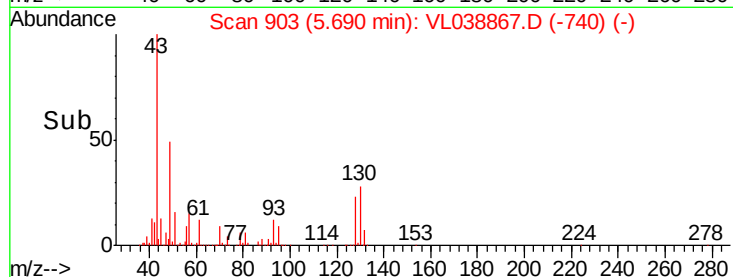
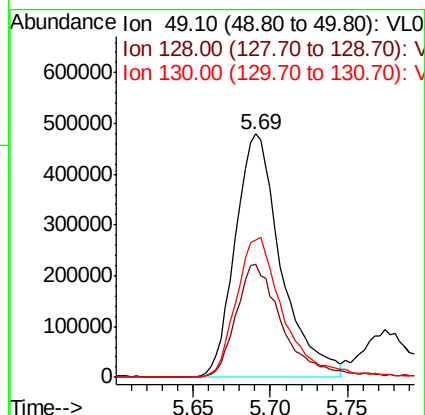
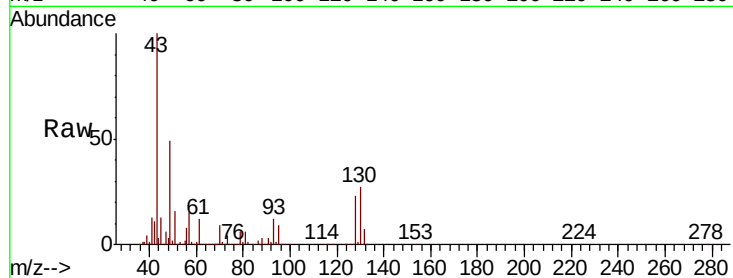
130 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#2

Dichlorodifluoromethane

Concen: 15.647 ppbv

RT: 3.07 min Scan# 88

Delta R.T. 0.02 min

Lab File: VL038867.D

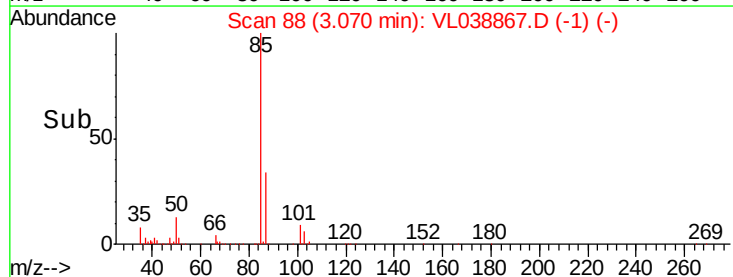
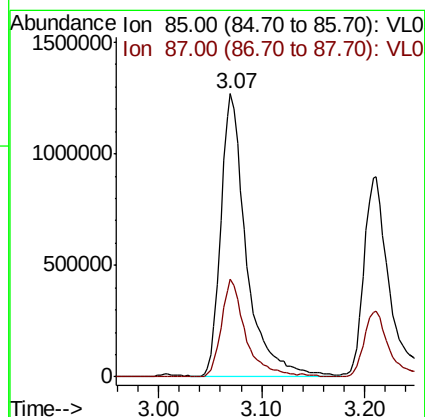
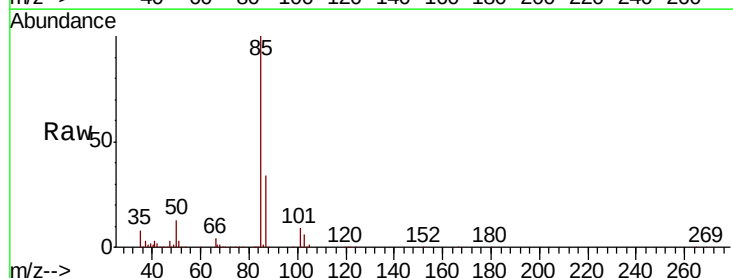
Acq: 8 Apr 2022 9:46

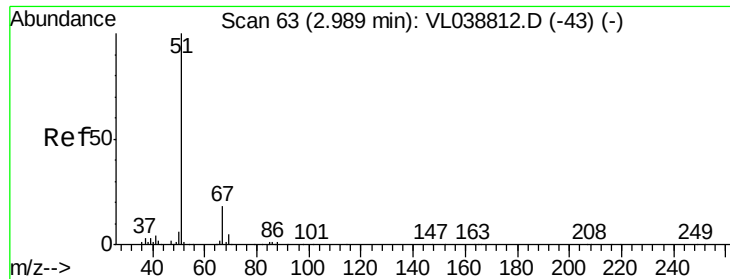
Tgt Ion: 85 Resp: 2174442

Ion Ratio Lower Upper

85 100

87 34.4 25.9 38.9





#3

Chlorodifluoromethane

Concen: 11.460 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

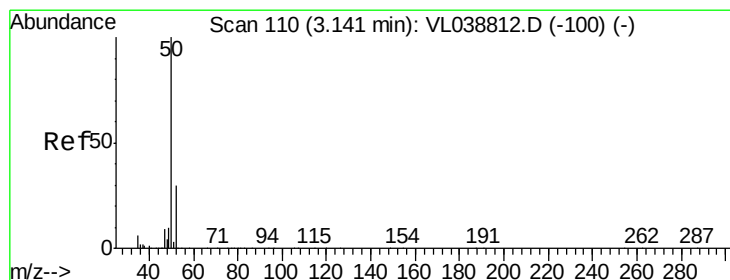
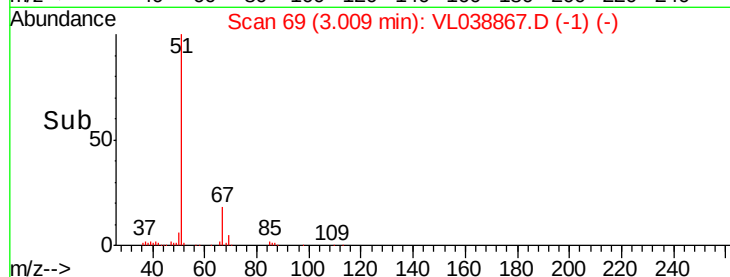
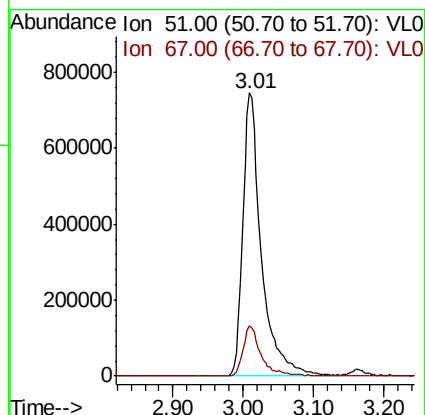
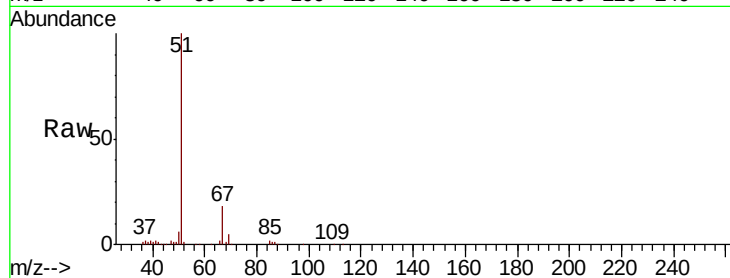
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#4

Chloromethane

Concen: 10.982 ppbv

RT: 3.16 min Scan# 117

Delta R.T. 0.02 min

Lab File: VL038867.D

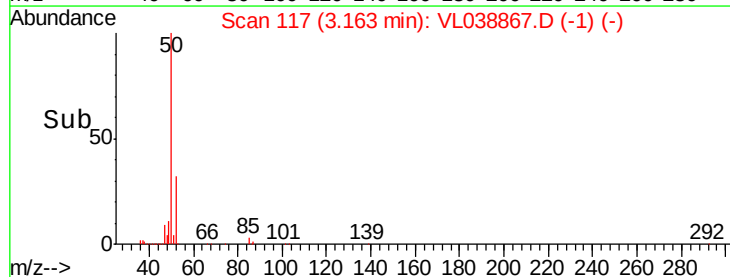
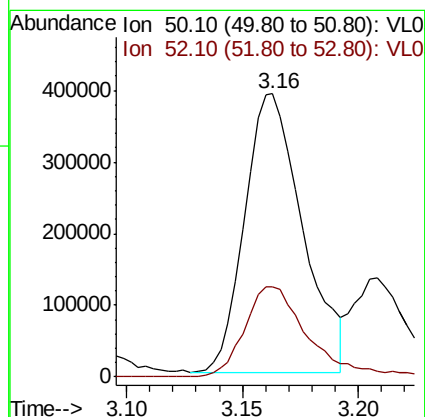
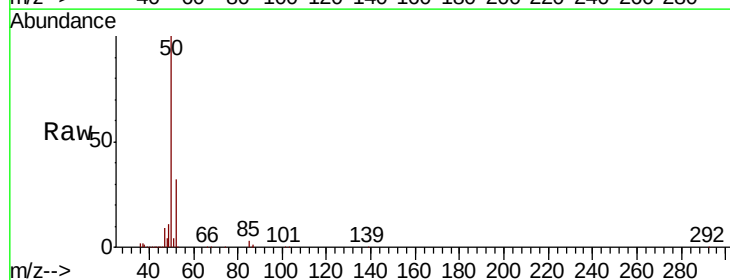
Acq: 8 Apr 2022 9:46

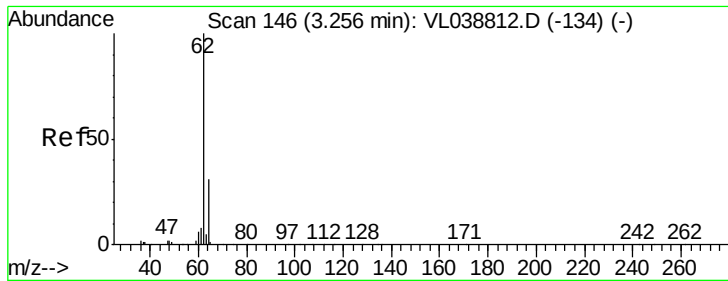
Tgt Ion: 50 Resp: 679967

Ion Ratio Lower Upper

50 100

52 32.3 24.3 36.5





#5

Vinyl Chloride

Concen: 11.167 ppbv

RT: 3.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

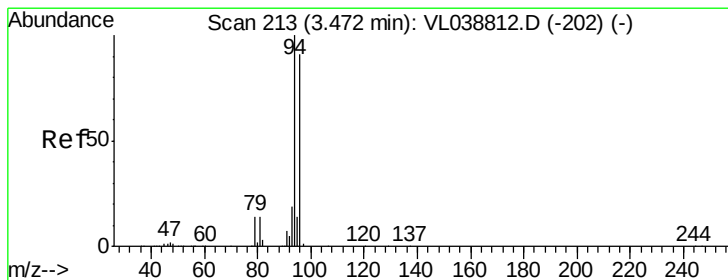
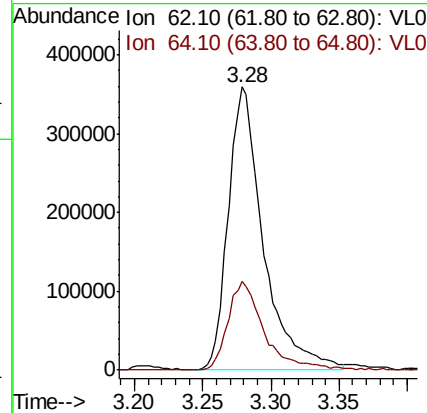
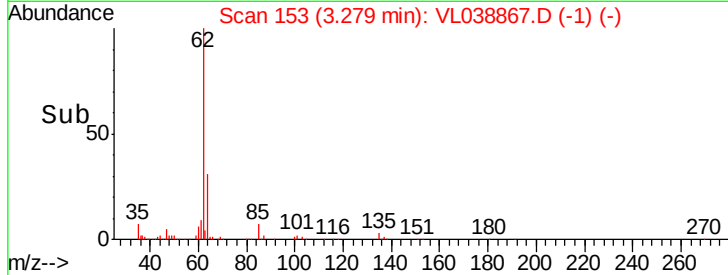
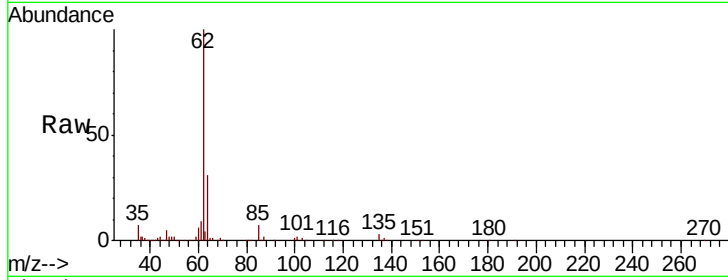
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#6

Bromomethane

Concen: 11.692 ppbv

RT: 3.50 min Scan# 221

Delta R.T. 0.03 min

Lab File: VL038867.D

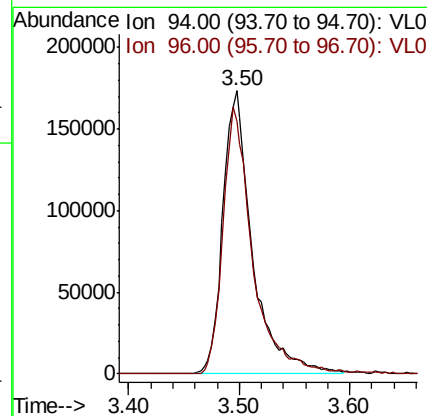
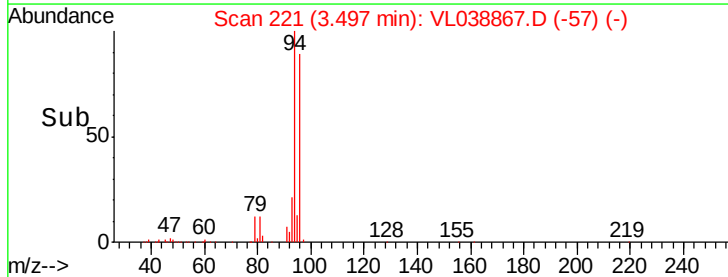
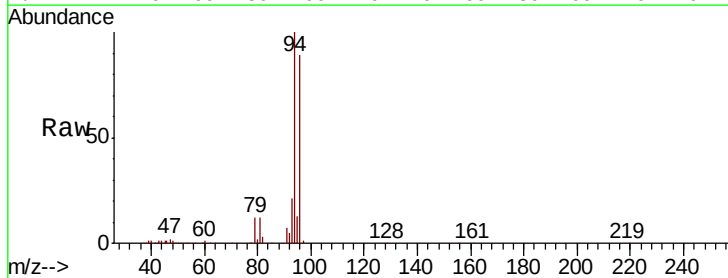
Acq: 8 Apr 2022 9:46

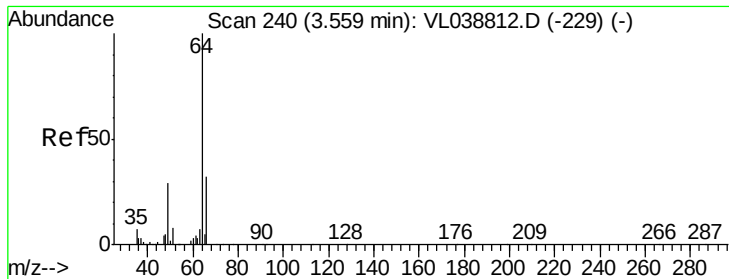
Tgt Ion: 94 Resp: 323624

Ion Ratio Lower Upper

94 100

96 89.1 73.2 109.8





#7

Chloroethane

Concen: 11.052 ppbv

RT: 3.58 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

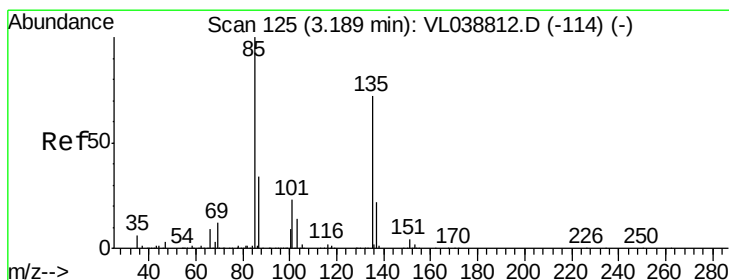
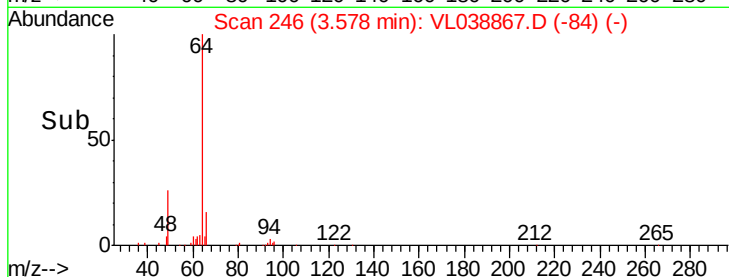
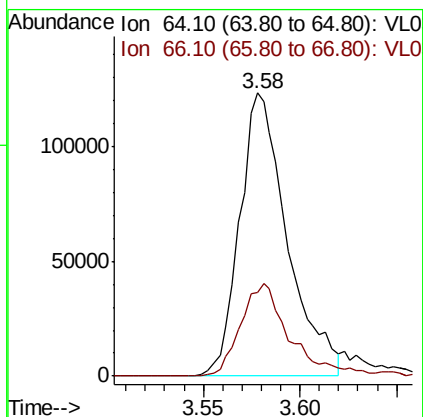
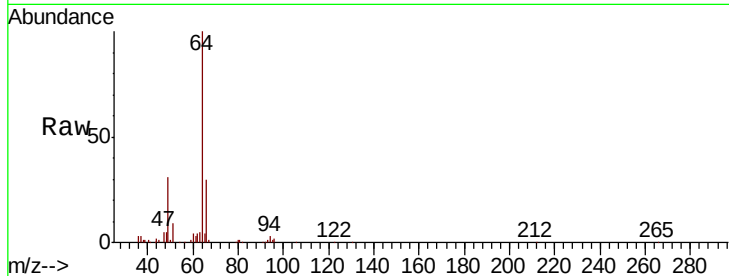
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#8

Dichlorotetrafluoroethane

Concen: 11.641 ppbv

RT: 3.21 min Scan# 132

Delta R.T. 0.02 min

Lab File: VL038867.D

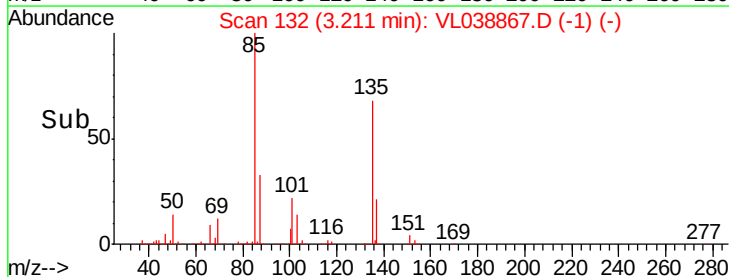
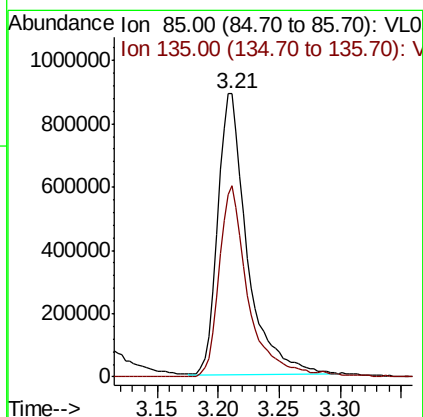
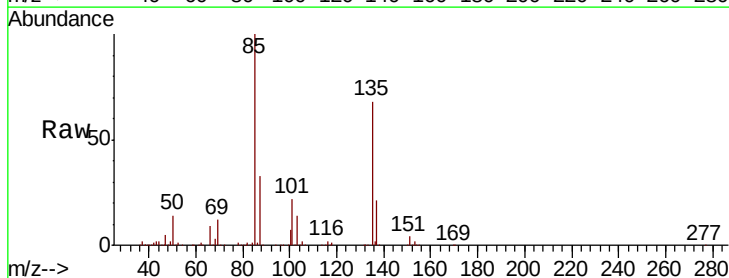
Acq: 8 Apr 2022 9:46

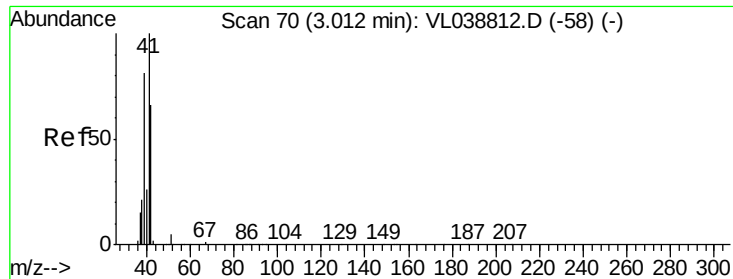
Tgt Ion: 85 Resp: 1511239

Ion Ratio Lower Upper

85 100

135 68.2 57.0 85.6



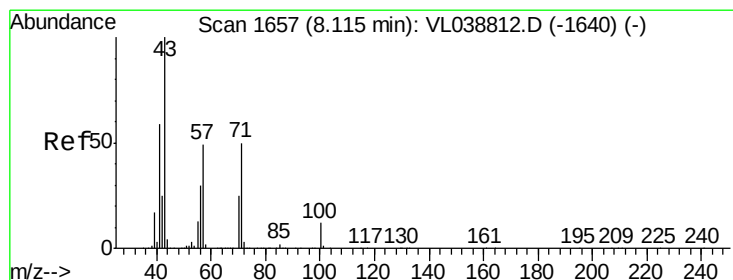
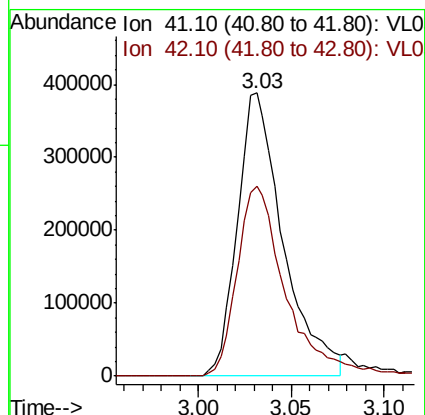
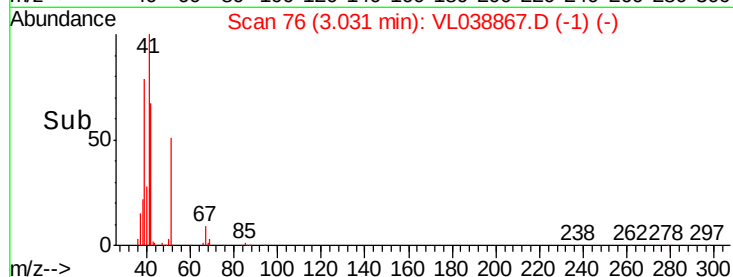
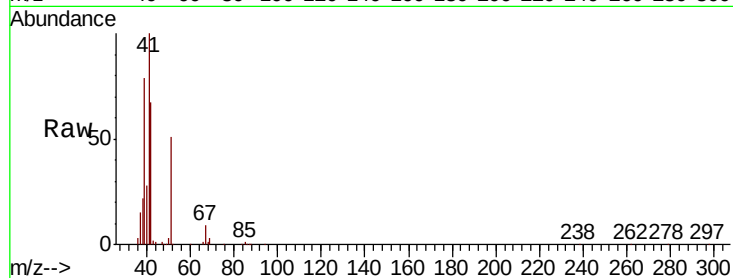


#9
 Propene
 Concen: 10.540 ppbv
 RT: 3.03
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:40

Tot Ion:
 Ion Ratio
 41 100
 42 71.

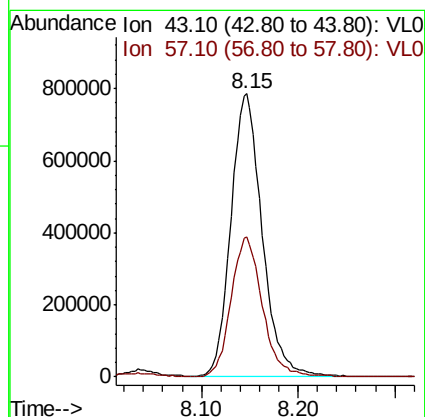
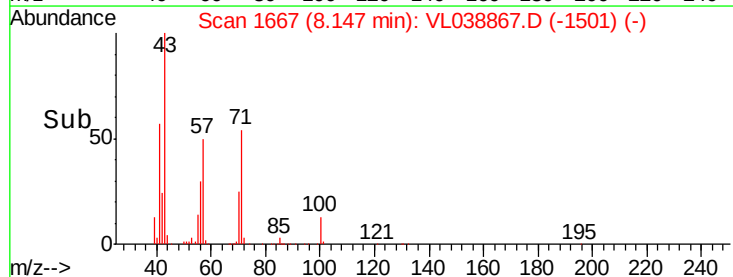
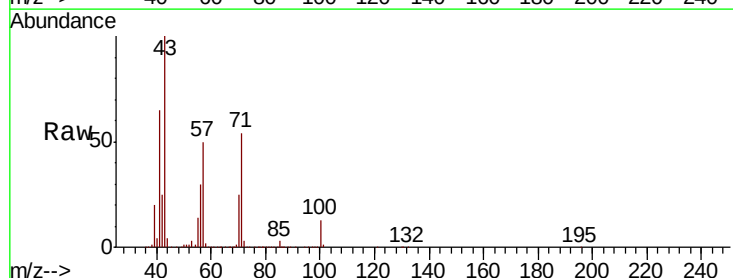
Manual Integrations
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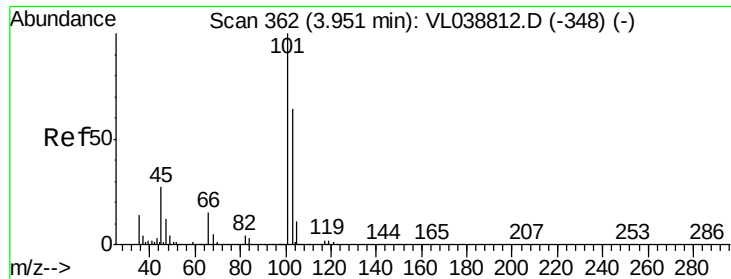
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#10
 Heptane
 Concen: 10.976 ppbv
 RT: 8.15 min Scan# 1667
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 43 Resp: 1749117
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.3 58.9



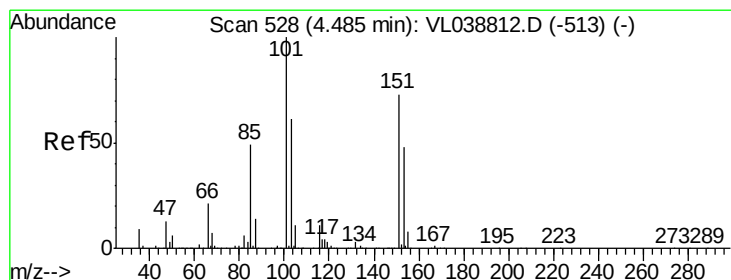
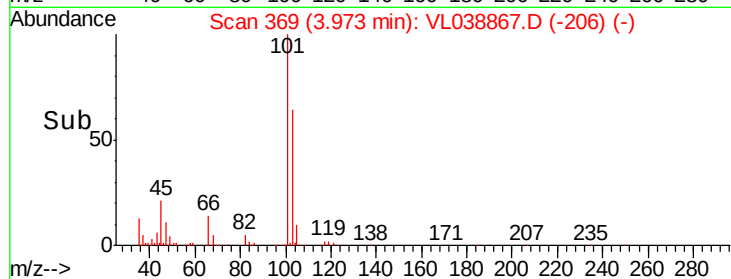
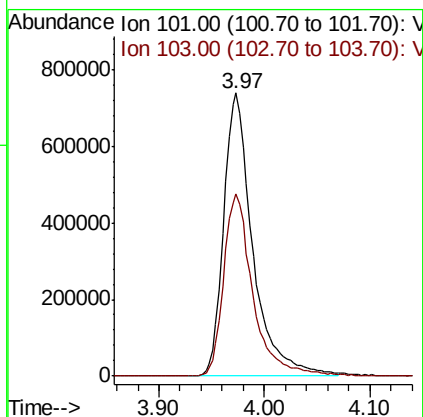
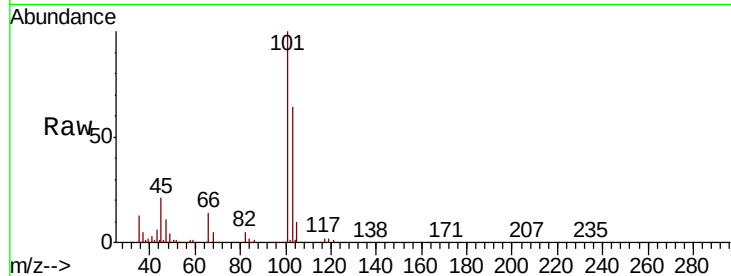


#11
 Trichlorofluoromethane
 Concen: 12.631 ppbv
 RT: 3.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:40

Tot Ion:1
 Ion Rati
 101 100
 103 64.

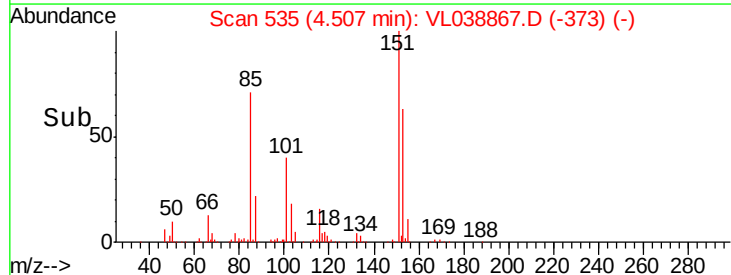
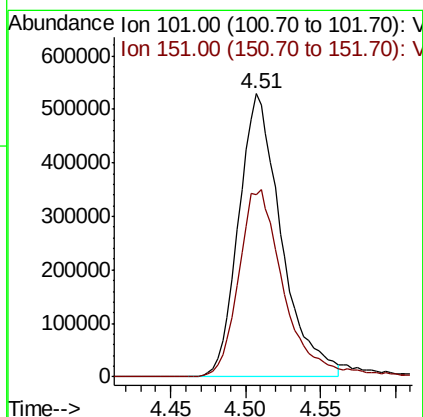
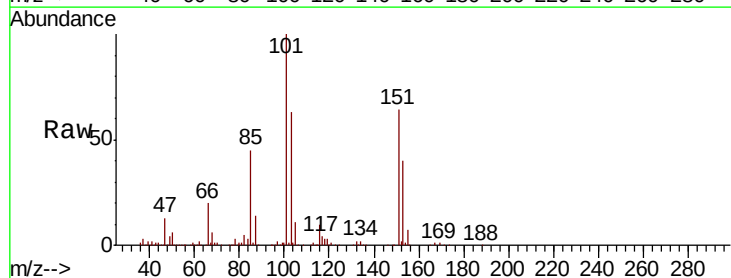
Manual Integrations
 APPROVED

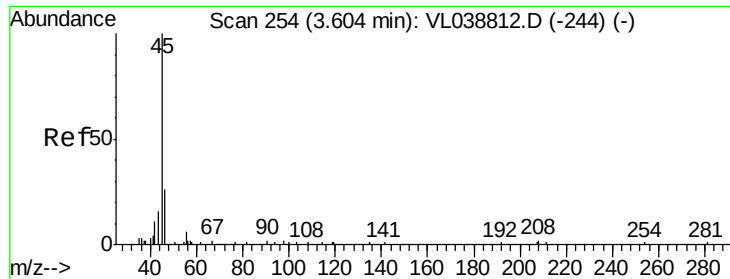
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.276 ppbv
 RT: 4.51 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:101 Resp: 1050122
 Ion Ratio Lower Upper
 101 100
 151 70.9 59.9 89.9



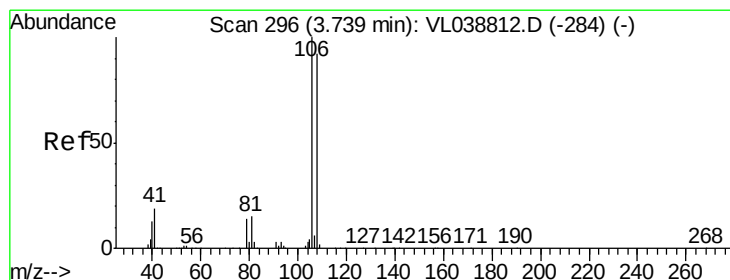
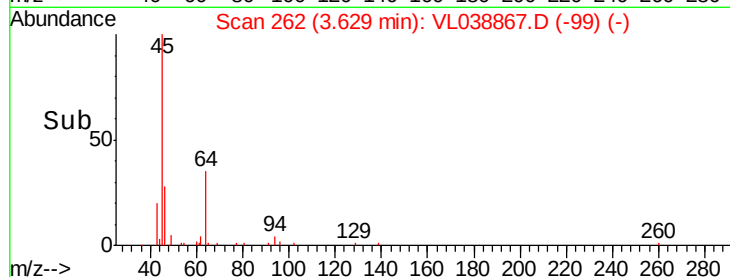
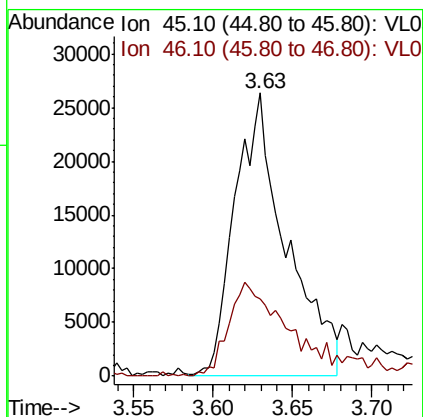
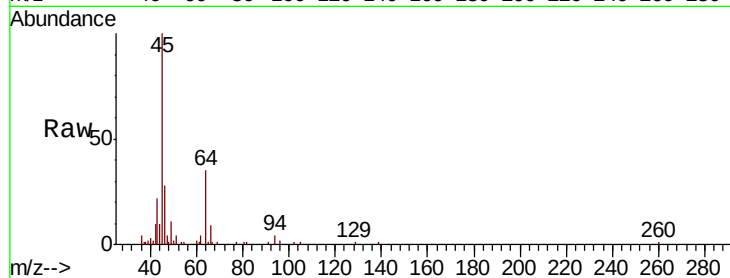


#13
Ethanol
Concen: 15.407 ppbv m
RT: 3.63
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:40

Tot Ion:
Ion Rati
45 100
46 43.

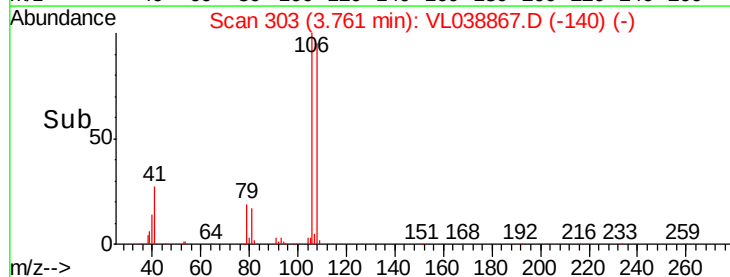
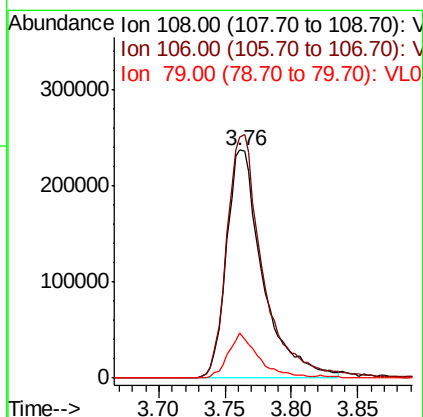
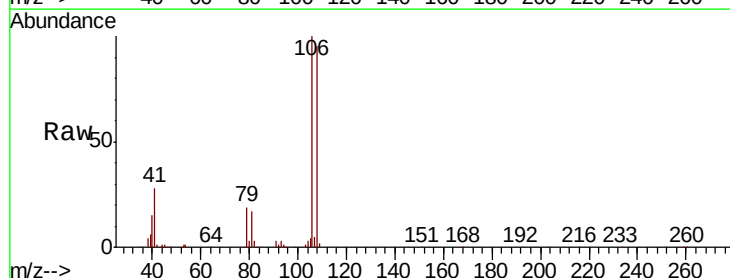
Manual Integrations
APPROVED

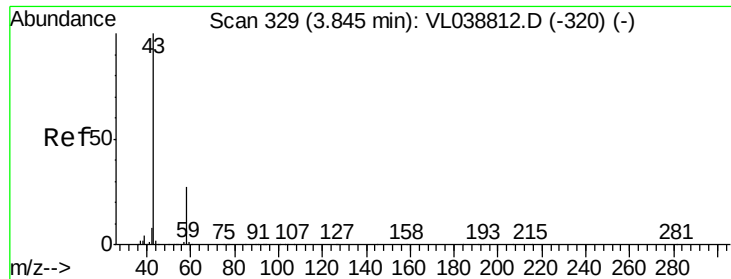
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#14
Bromoethene
Concen: 11.995 ppbv
RT: 3.76 min Scan# 303
Delta R.T. 0.02 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion:108 Resp: 451248
Ion Ratio Lower Upper
108 100
106 108.3 91.5 137.3
79 17.6 13.7 20.5





#15

Acetone

Concen: 11.115 ppbv

RT: 3.87

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:46

Tot Ion:

Ion Ratio

43 100

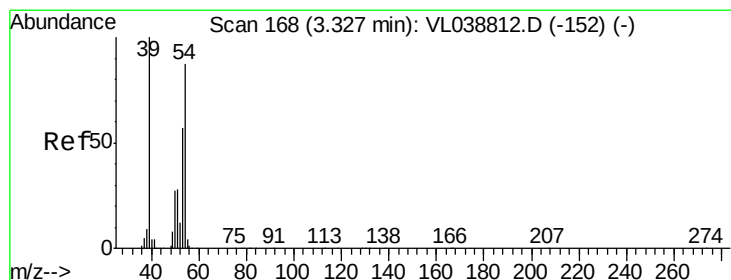
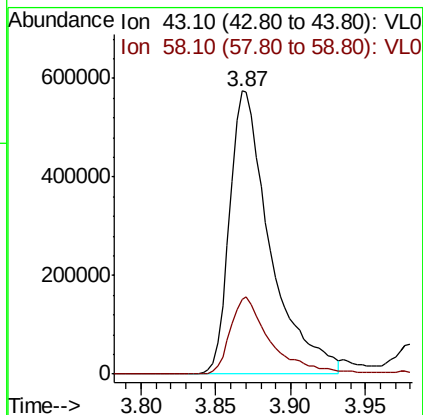
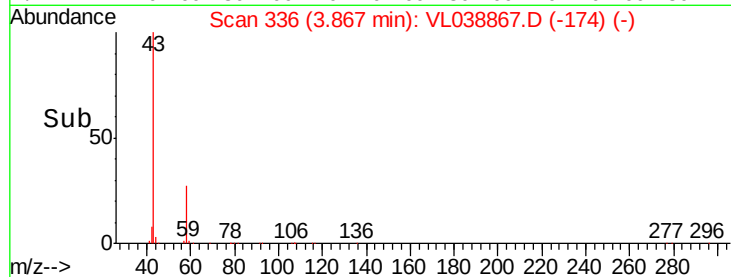
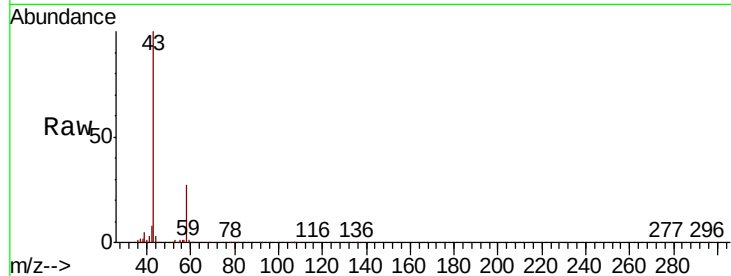
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#16

1,3-Butadiene

Concen: 11.199 ppbv

RT: 3.35 min Scan# 175

Delta R.T. 0.02 min

Lab File: VL038867.D

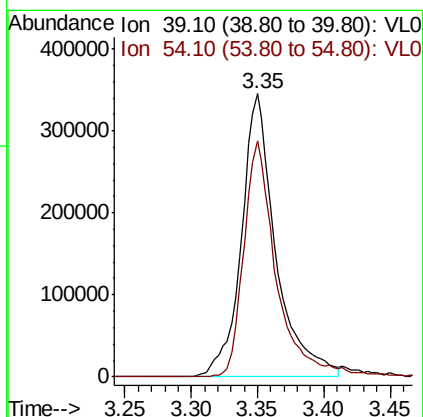
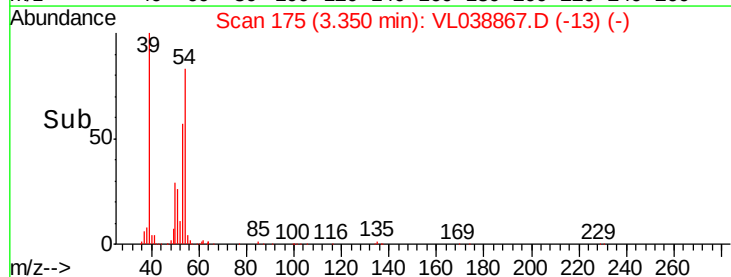
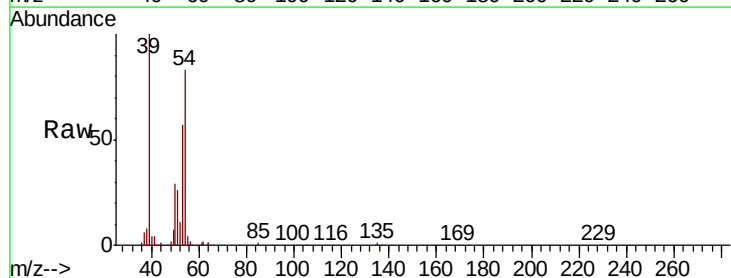
Acq: 8 Apr 2022 9:46

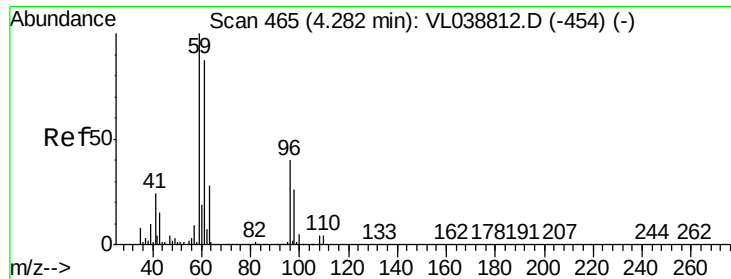
Tgt Ion: 39 Resp: 624488

Ion Ratio Lower Upper

39 100

54 79.6 64.8 97.2





#17

tert-Butyl alcohol

Concen: 8.923 ppbv

RT: 4.30 Instrument: MSVOA_1

Delta R.T. 0.03 min

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 8 Apr 2022 9:40

Tot Ion:

Ion Ratio

59 100

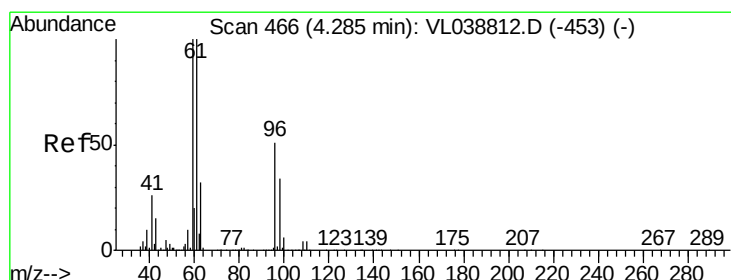
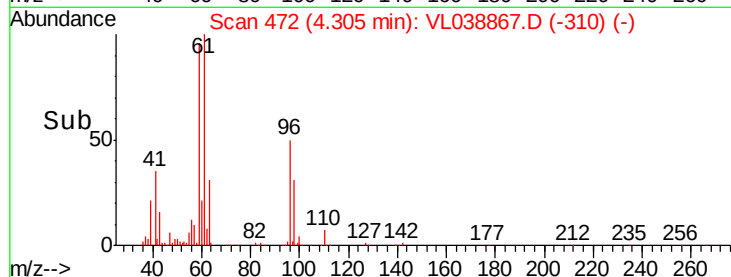
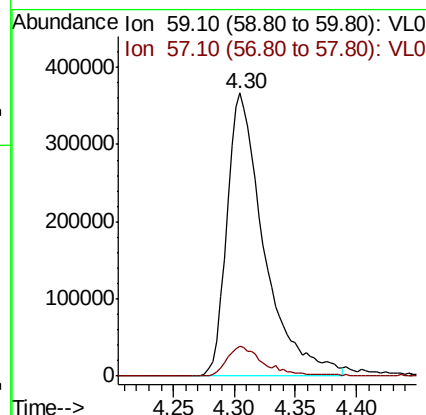
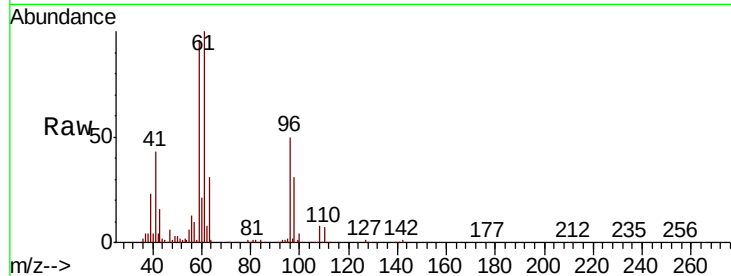
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#18

1,1-Dichloroethene

Concen: 12.049 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

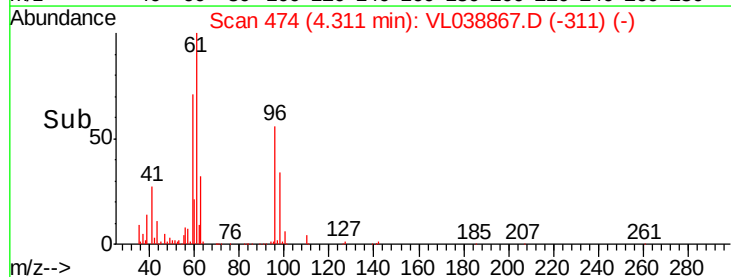
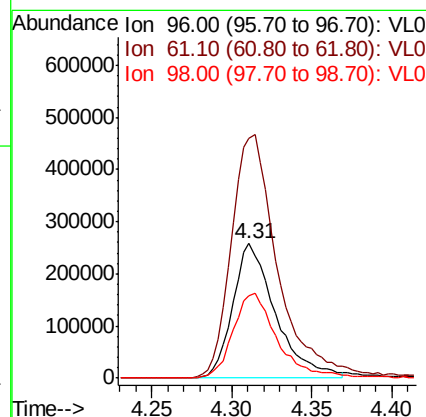
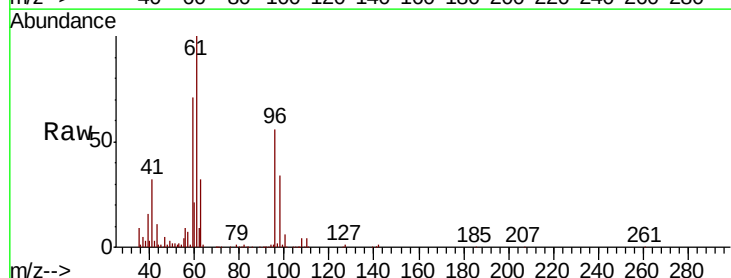
Tgt Ion: 96 Resp: 469824

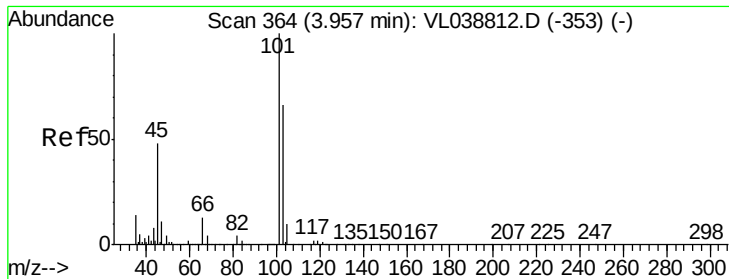
Ion Ratio Lower Upper

96 100

61 177.5 156.1 234.1

98 61.1 53.0 79.6



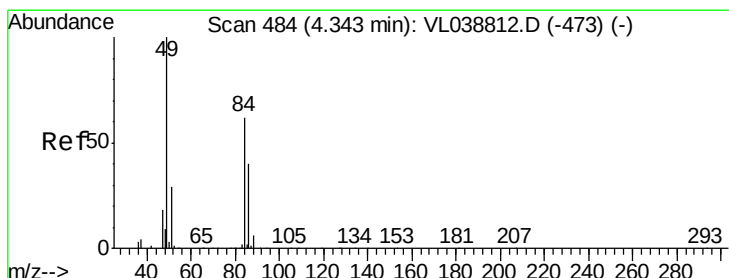
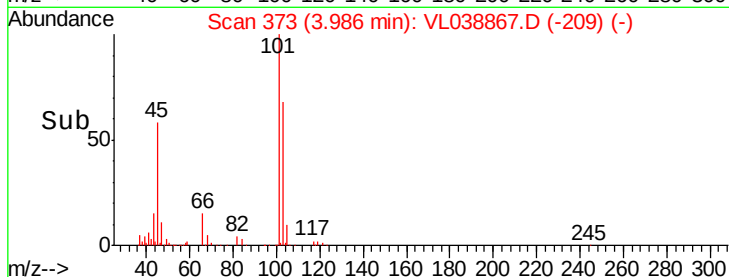
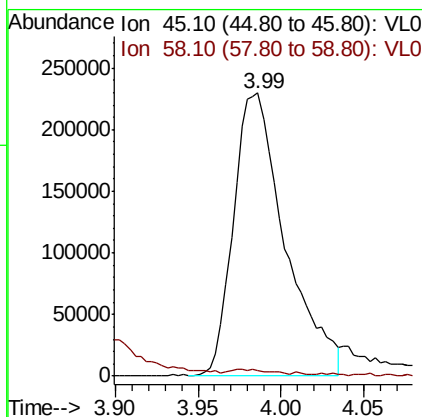
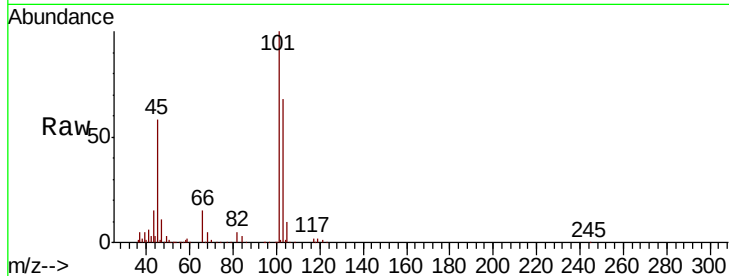


#19
Isopropyl Alcohol
Concen: 9.943 ppbv
RT: 3.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:40

Tot Ion:
Ion Ratio
45 100
58 2.

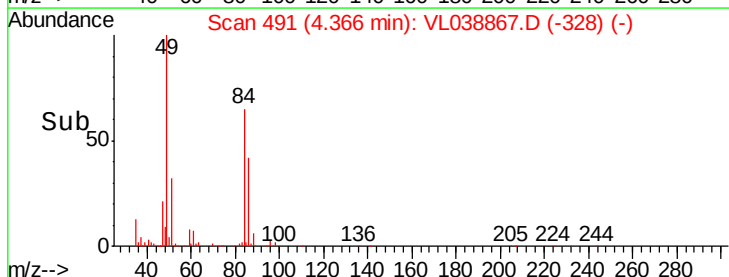
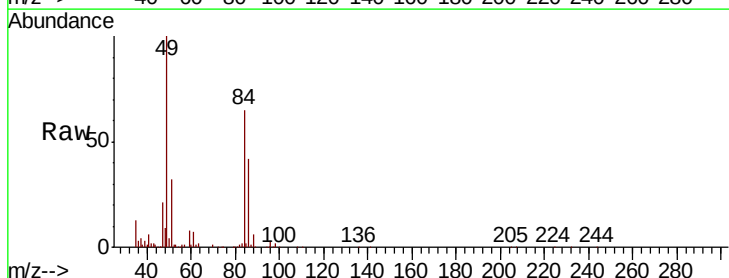
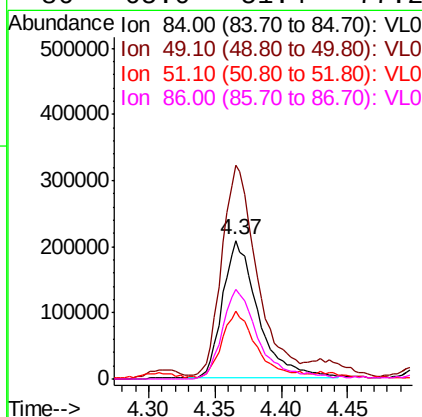
Manual Integrations
APPROVED

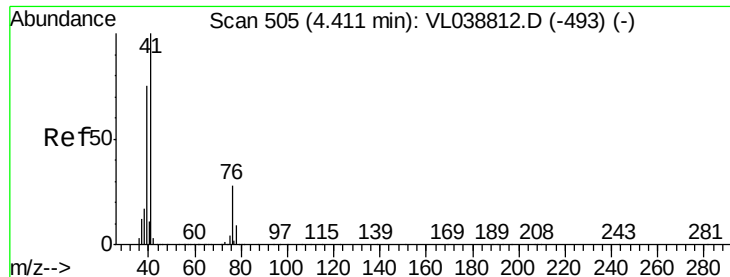
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#20
Methylene Chloride
Concen: 10.979 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.02 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 84 Resp: 388404
Ion Ratio Lower Upper
84 100
49 152.4 129.4 194.0
51 46.7 37.4 56.2
86 65.0 51.4 77.2





#21

Allvl Chloride

Concen: 11.242 ppbv

RT: 4.43 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

41 100

76 28.

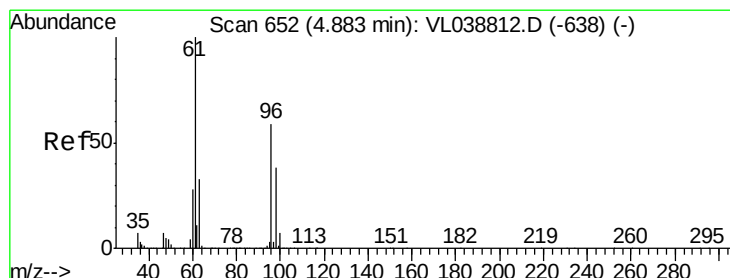
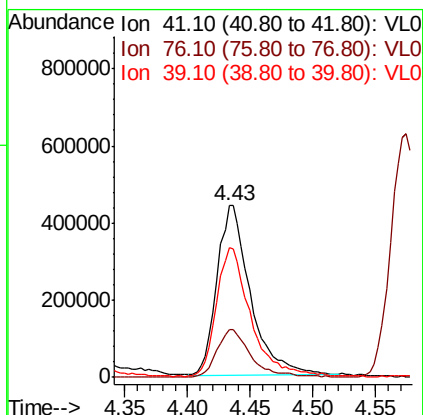
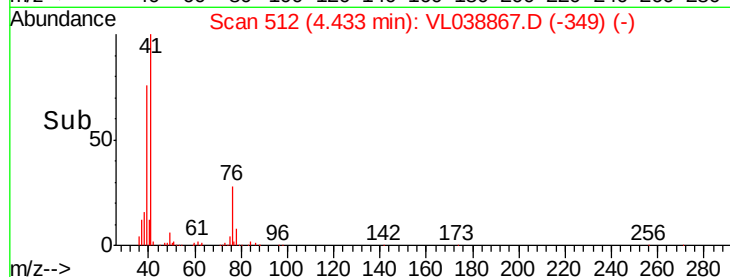
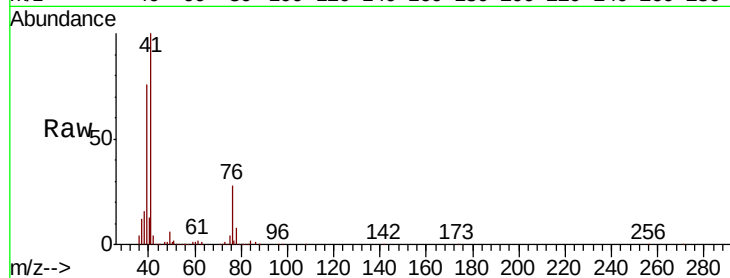
39 77.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#22

trans-1,2-Dichloroethene

Concen: 12.959 ppbv

RT: 4.91 min Scan# 660

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

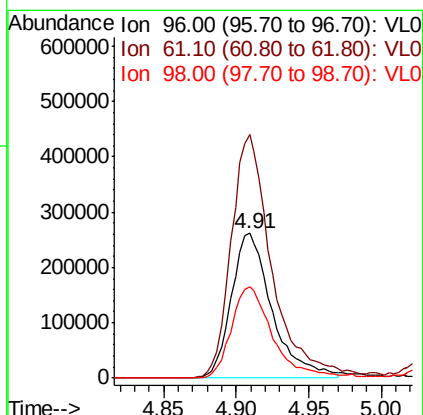
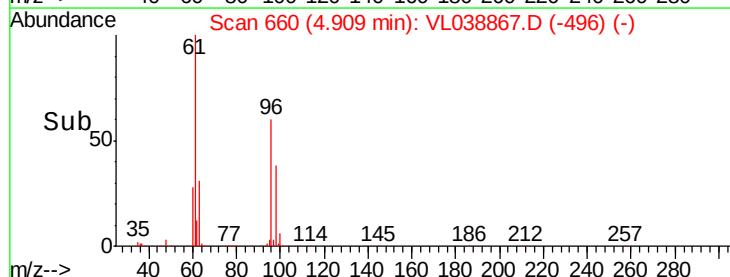
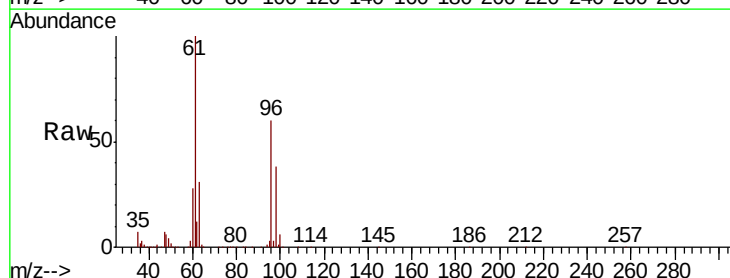
Tgt Ion: 96 Resp: 511614

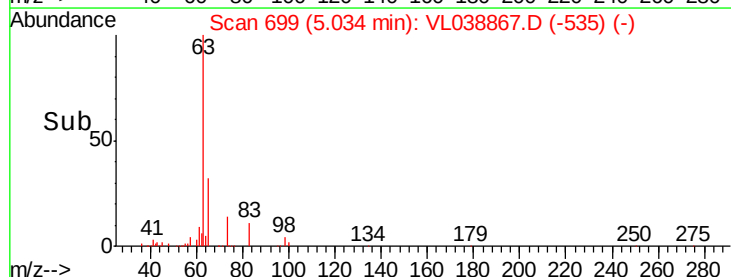
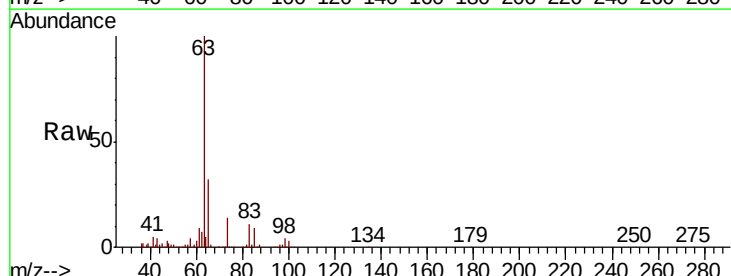
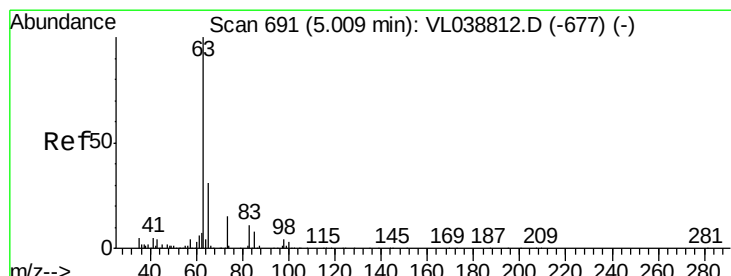
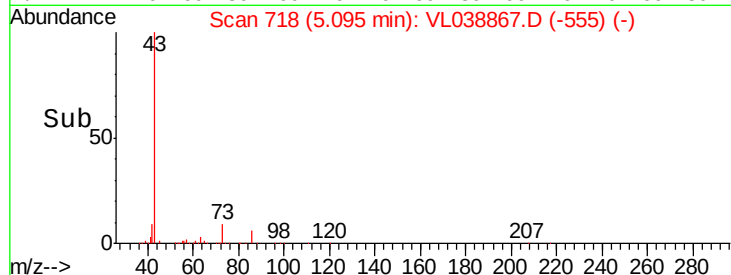
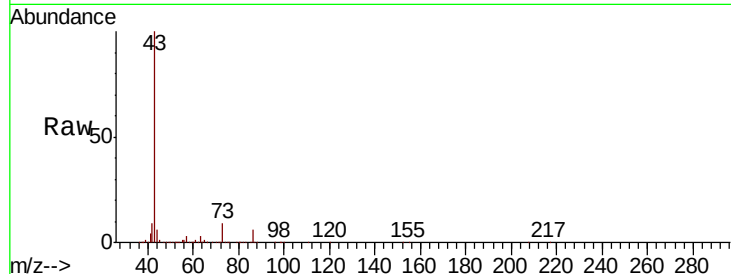
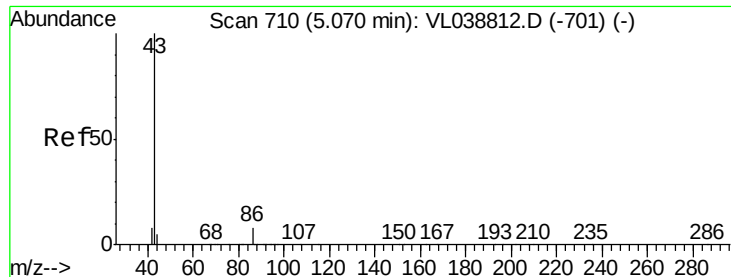
Ion Ratio Lower Upper

96 100

61 167.8 134.8 202.2

98 63.0 51.9 77.9

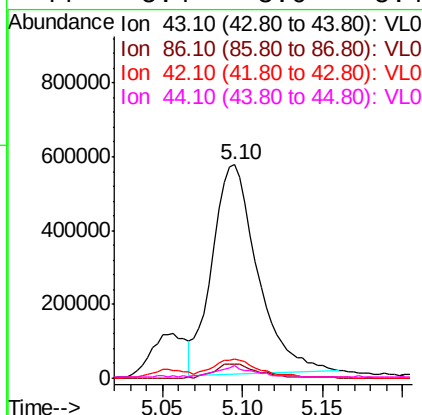




#23
 Vinyl Acetate
 Concen: 11.645 ppbv
 RT: 5.10
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:46

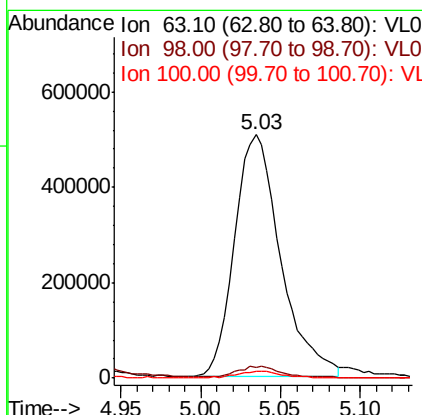
Tot Ion: Manual Integrations
 Ion Ratio APPROVED
 43 100
 86 6.
 42 8.
 44 5.4 3.6 5.4#

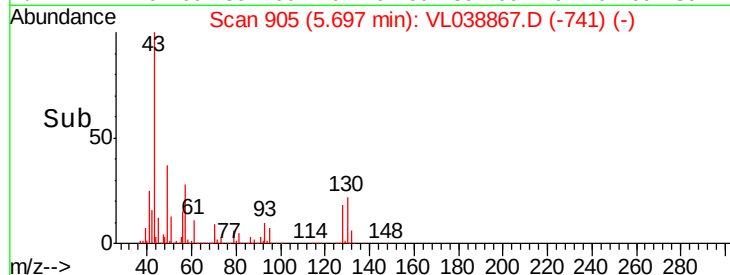
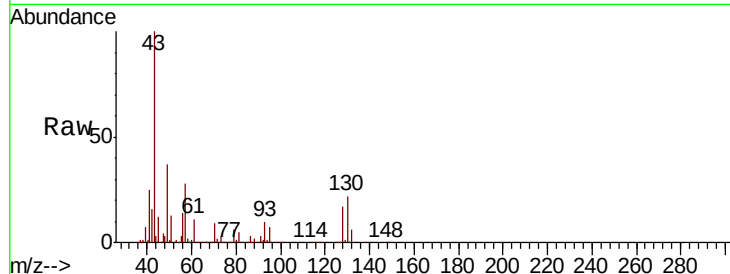
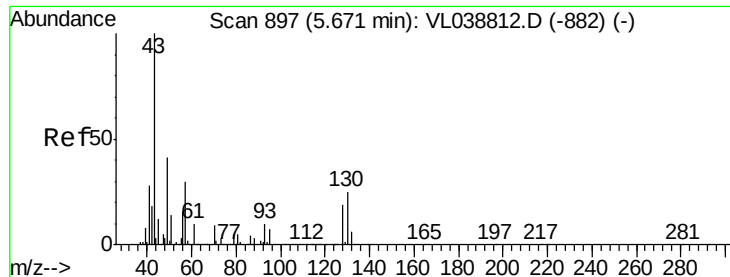
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#24
 1,1-Dichloroethane
 Concen: 11.604 ppbv
 RT: 5.03 min Scan# 699
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 63 Resp: 996147
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.2 6.6
 100 2.7 1.4 4.0



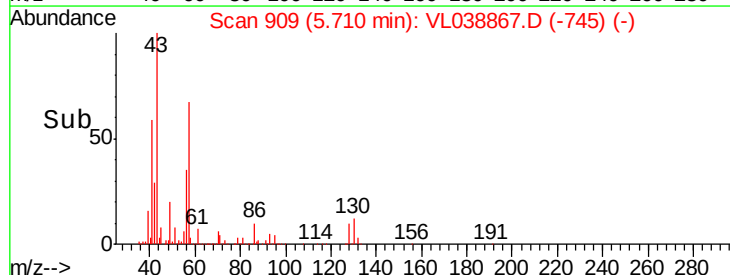
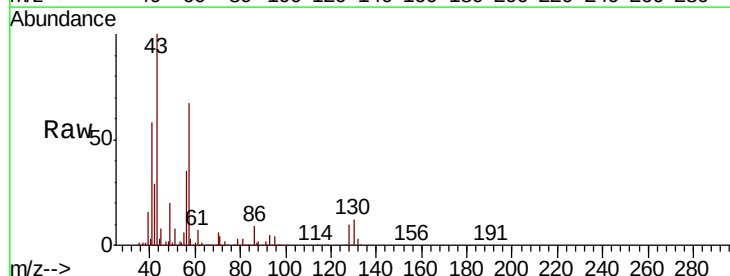
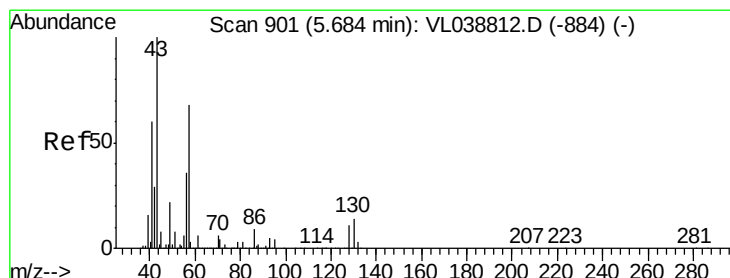
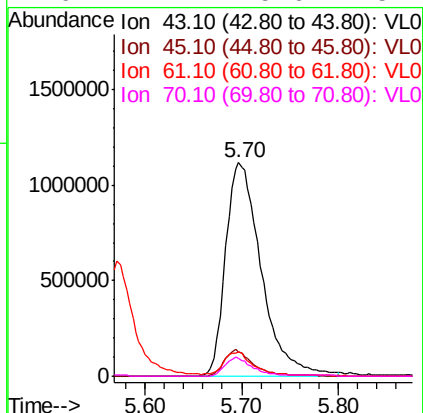


#25
Ethyl Acetate
Concen: 11.529 ppbv
RT: 5.70
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 8 Apr 2022 9:40

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 7.1 5.6 8.4

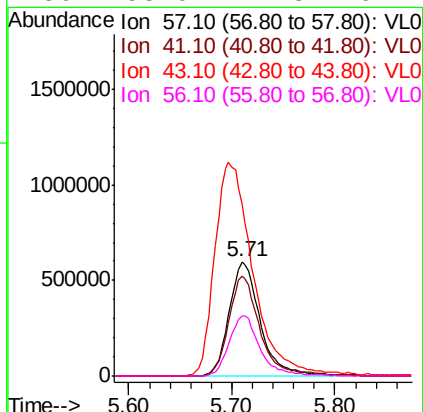
Manual Integrations
APPROVED

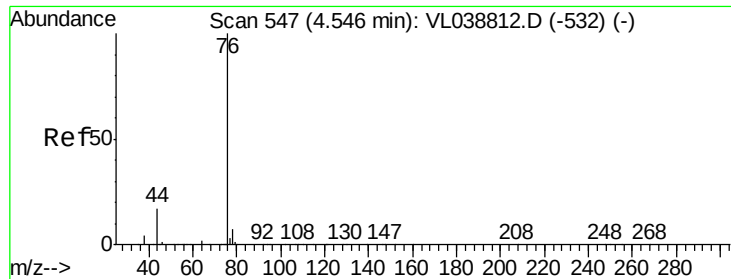
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#26
Hexane
Concen: 11.144 ppbv
RT: 5.71 min Scan# 909
Delta R.T.: 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 57 Resp: 1255475
Ion Ratio Lower Upper
57 100
41 88.4 72.0 108.0
43 230.1 186.6 280.0
56 53.0 42.8 64.2



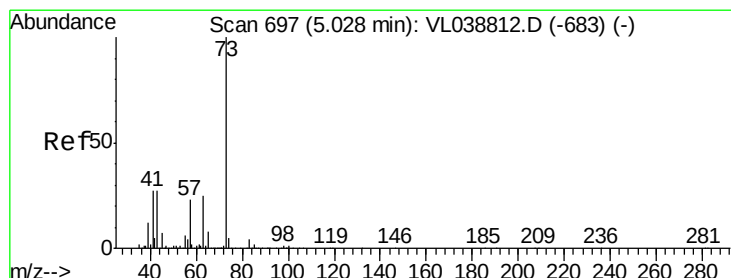
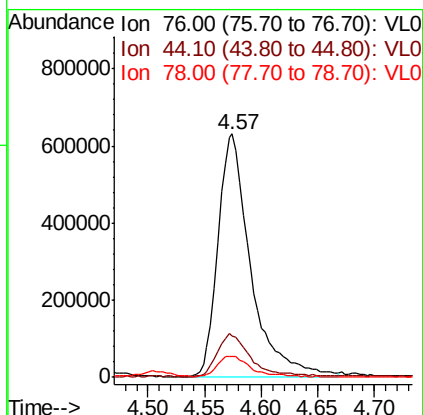
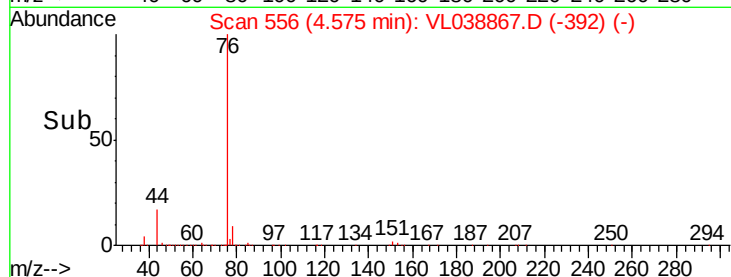
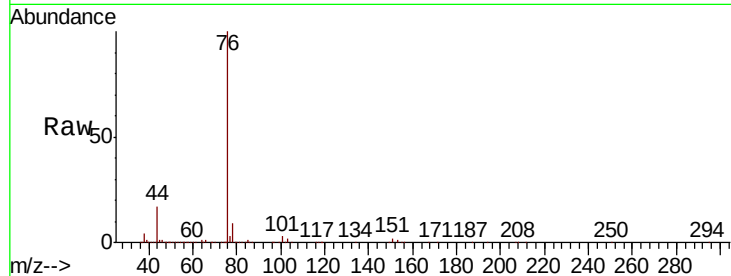


#27
Carbon Disulfide
Concen: 12.261 ppbv
RT: 4.57
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:40

Tot Ion:
Ion Ratio
76 100
44 18.
78 9.

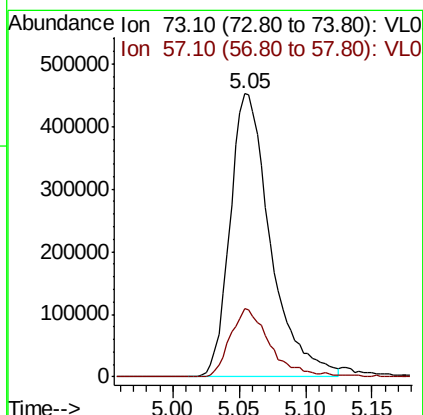
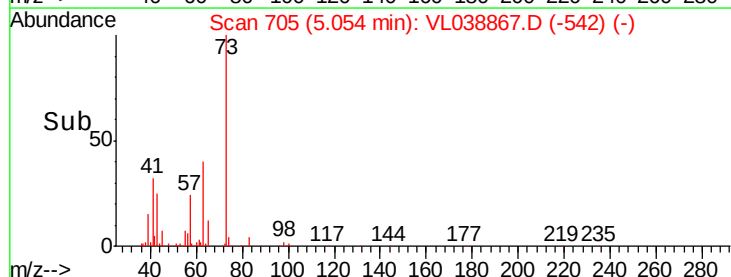
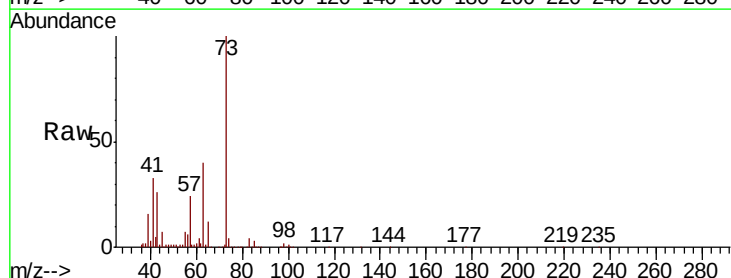
Manual Integrations
APPROVED

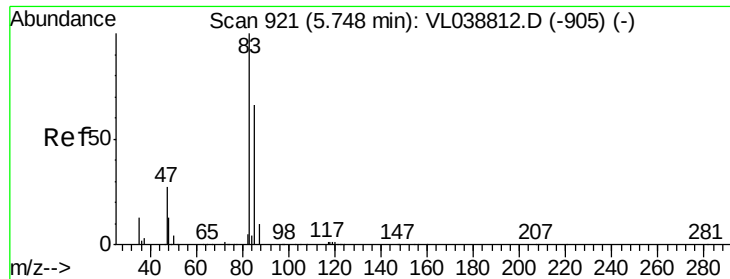
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#28
Methyl tert-Butyl Ether
Concen: 11.031 ppbv
RT: 5.05 min Scan# 705
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 73 Resp: 959793
Ion Ratio Lower Upper
73 100
57 24.2 19.7 29.5



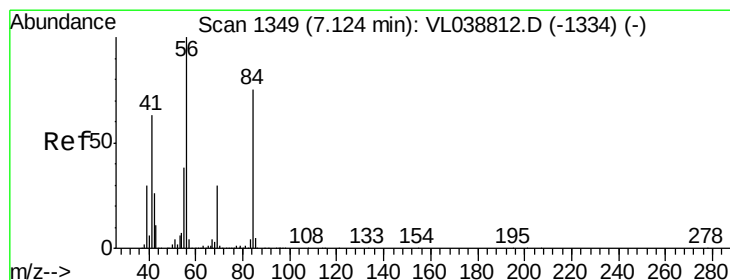
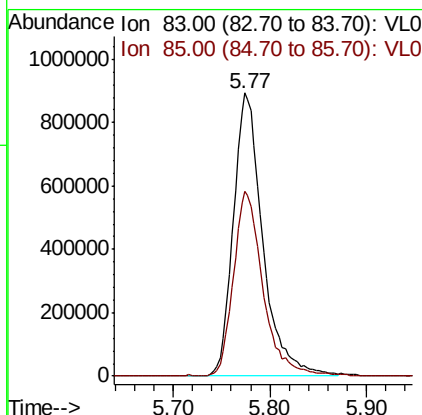
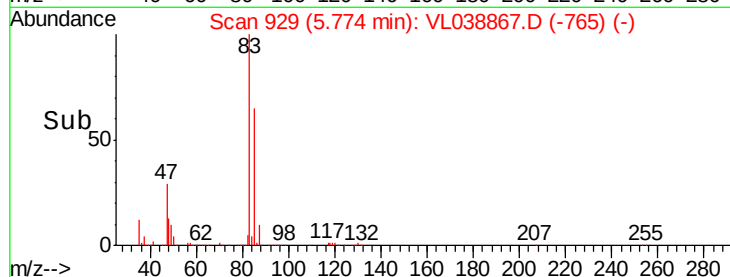
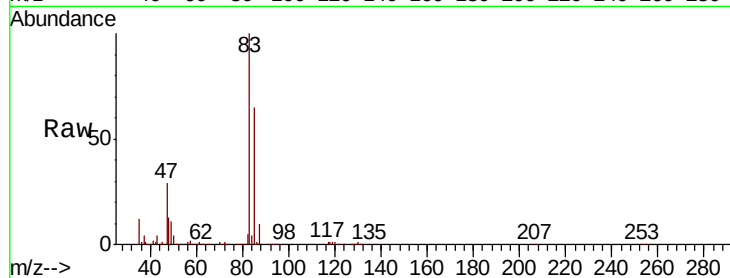


#29
Chloroform
Concen: 11.987 ppbv
RT: 5.77
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:40

Tot Ion:
Ion Ratio
83 100
85 65.

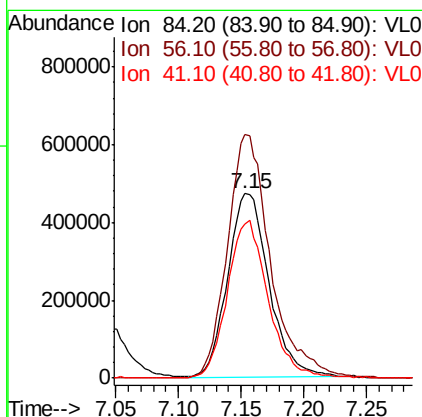
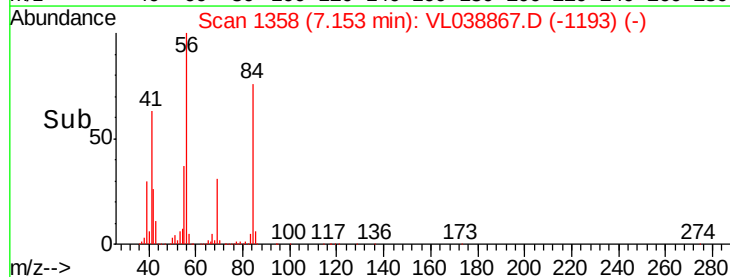
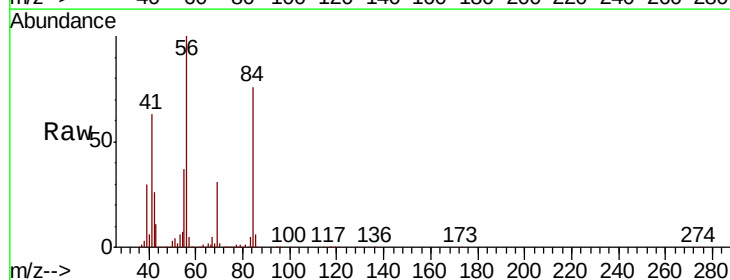
Manual Integrations
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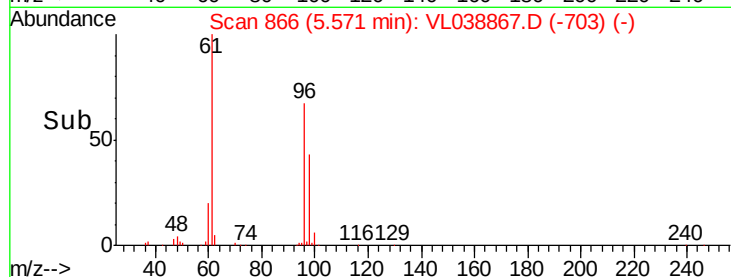
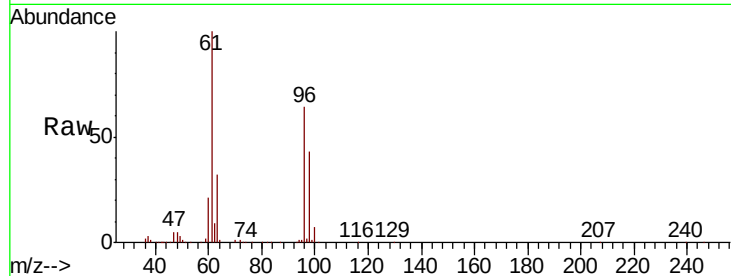
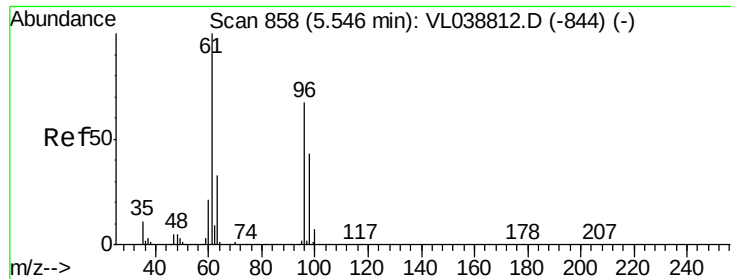
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#30
Cyclohexane
Concen: 10.832 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 84 Resp: 1075575
Ion Ratio Lower Upper
84 100
56 140.1 114.4 171.6
41 85.8 69.0 103.4



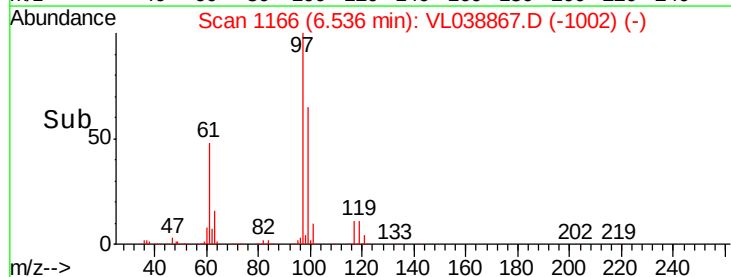
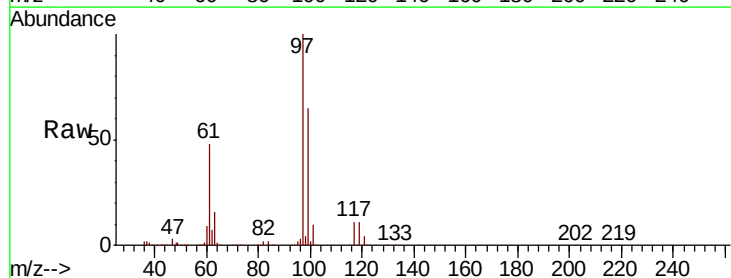
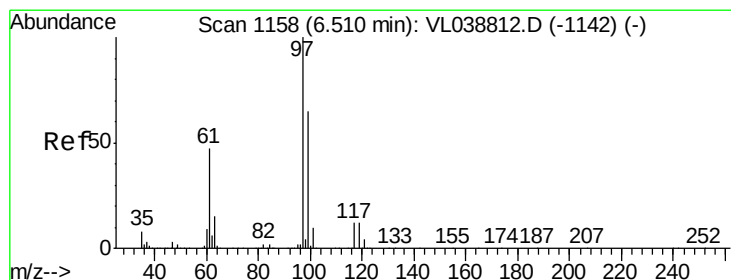
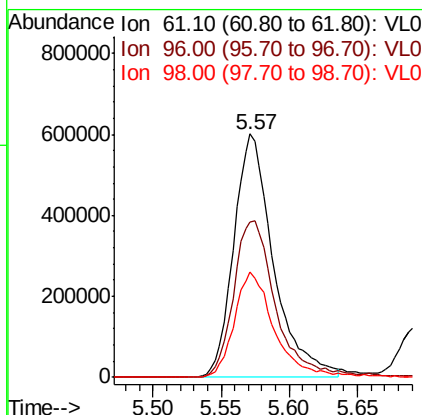


#31
 cis-1,2-Dichloroethene
 Concen: 11.723 ppbv
 RT: 5.57
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:40

Tot Ion:
 Ion Ratio
 61 100
 96 63.
 98 43.

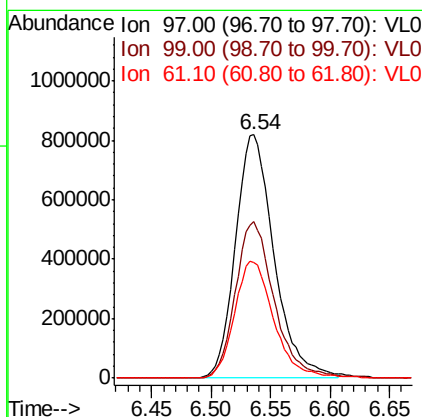
Manual Integrations
 APPROVED

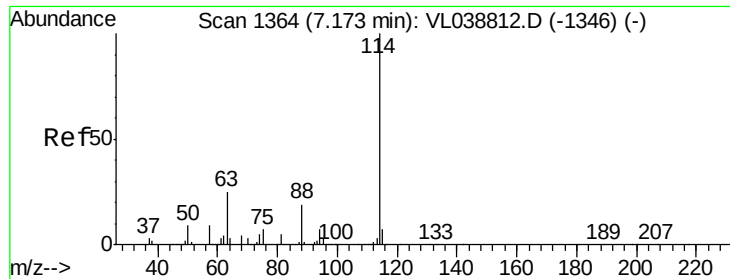
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.617 ppbv
 RT: 6.54 min Scan# 1166
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 97 Resp: 1844986
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.4 78.6
 61 49.1 38.6 57.8



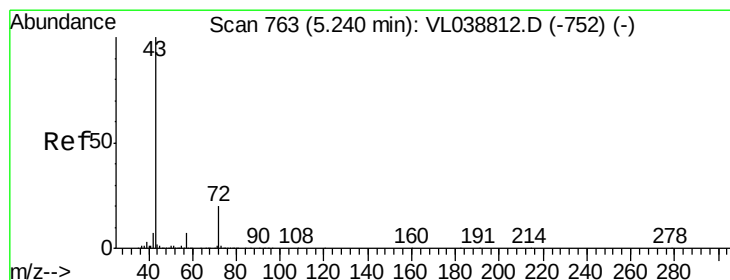
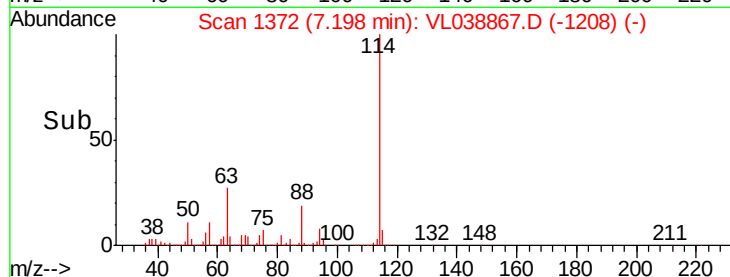
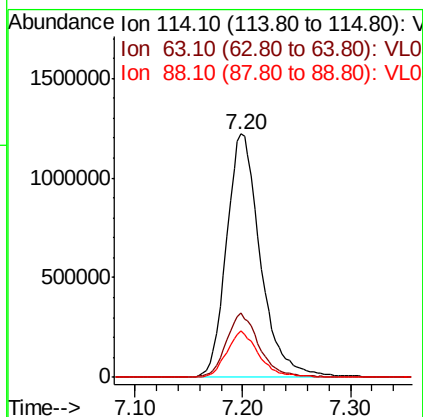
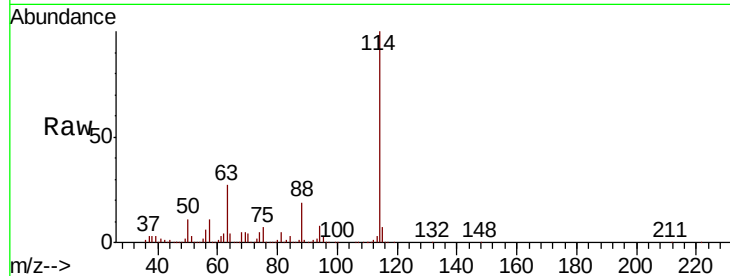


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:40

Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

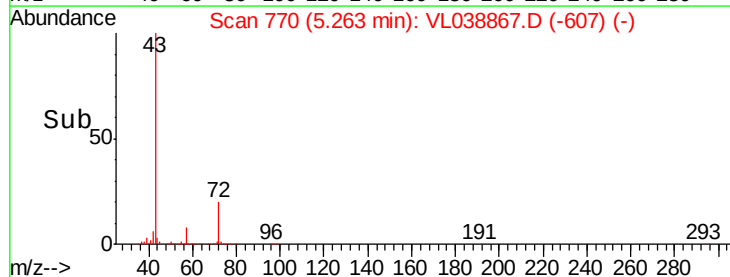
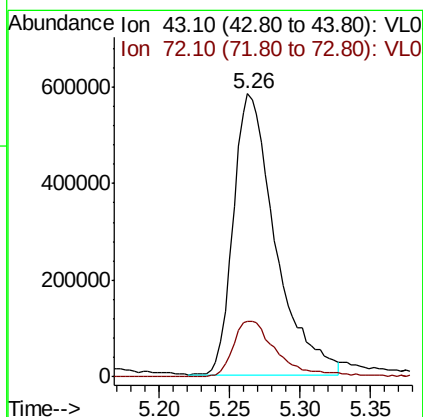
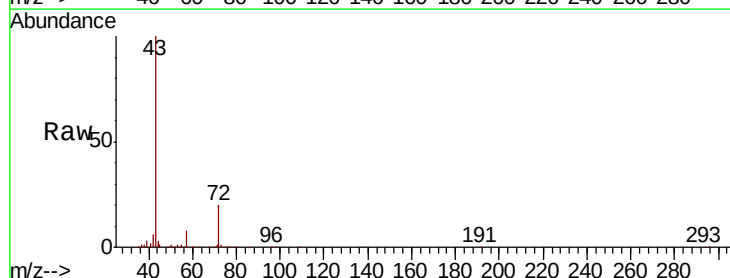
Manual Integrations
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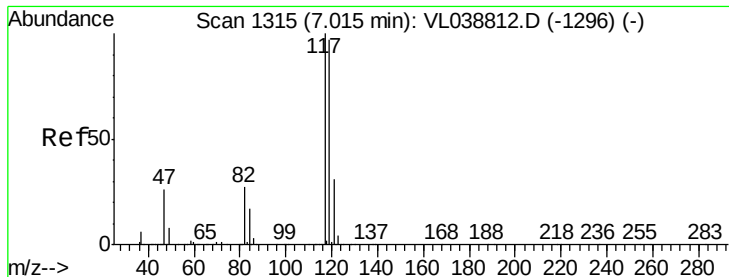
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#34
 2-Butanone
 Concen: 11.492 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.02 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 43 Resp: 1214425
 Ion Ratio Lower Upper
 43 100
 72 21.7 16.9 25.3



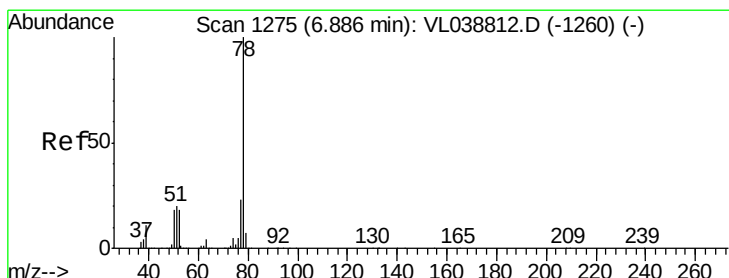
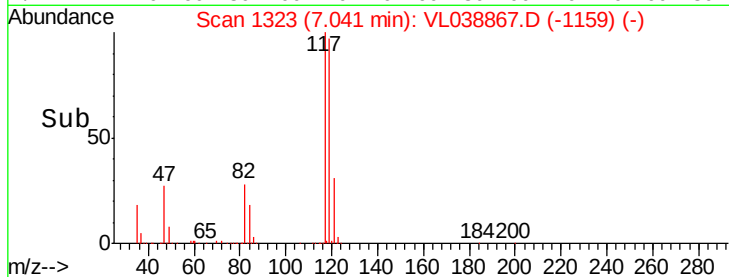
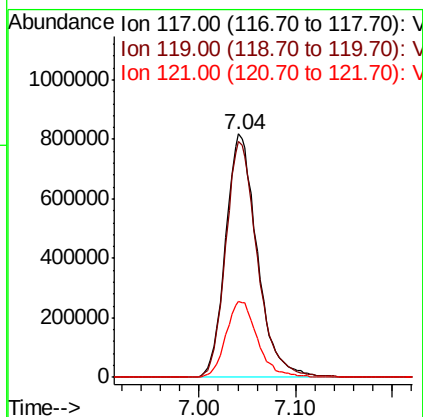
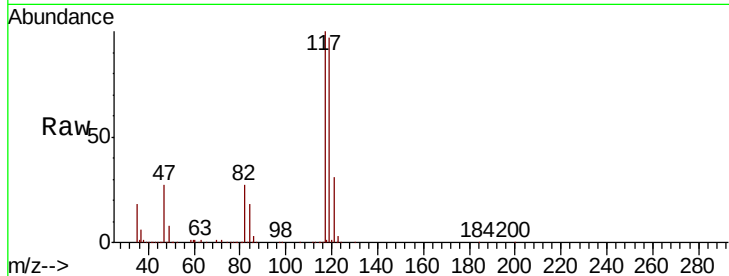


#35
Carbon Tetrachloride
Concen: 11.577 ppbv
RT: 7.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:46

Tot Ion:1
Ion Rati
117 100
119 97.
121 31.

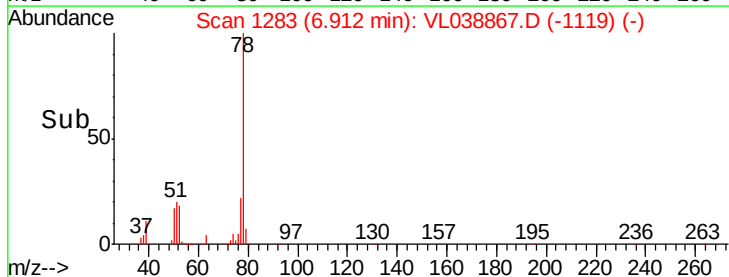
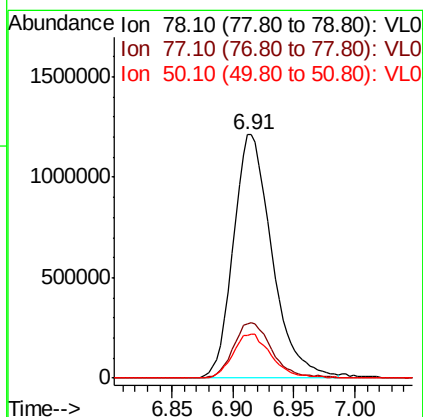
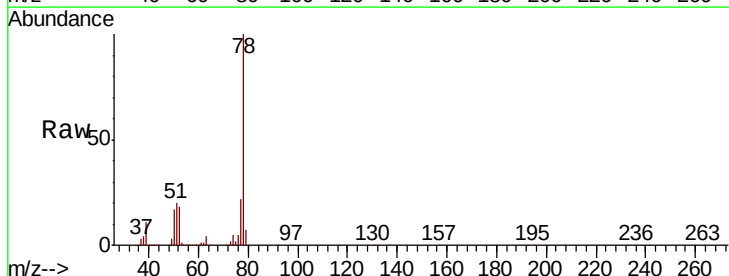
Manual Integrations
APPROVED

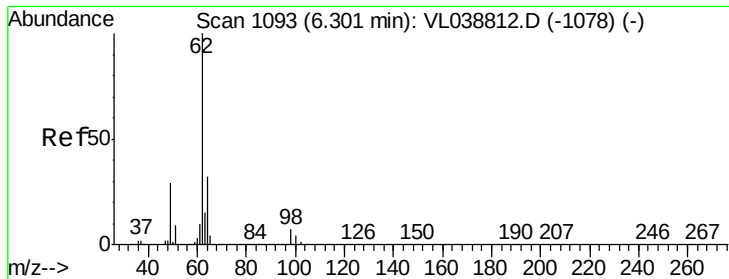
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#36
Benzene
Concen: 10.944 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 78 Resp: 2662595
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 17.4 14.0 21.0



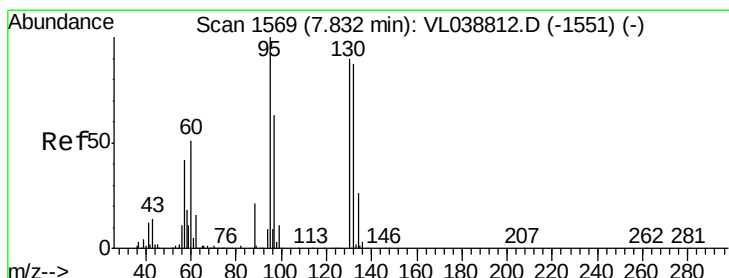
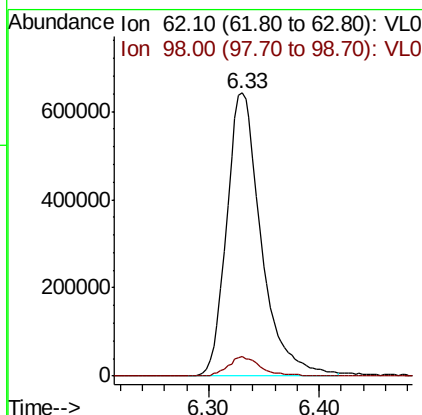
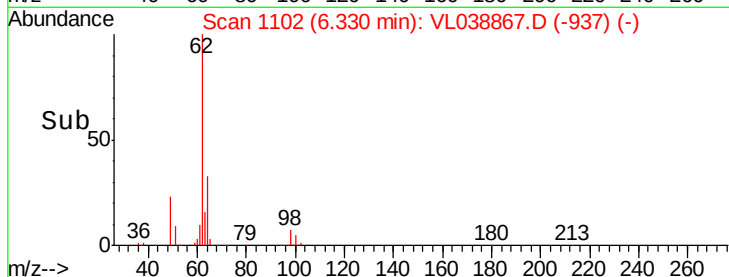
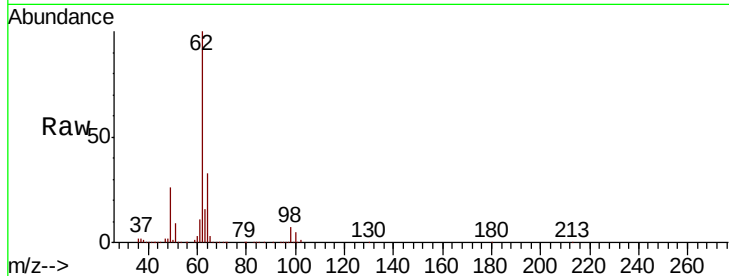


#37
 1,2-Dichloroethane
 Concen: 12.567 ppbv
 RT: 6.33
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:40

Tot Ion:
 Ion Ratio
 62 100
 98 6.

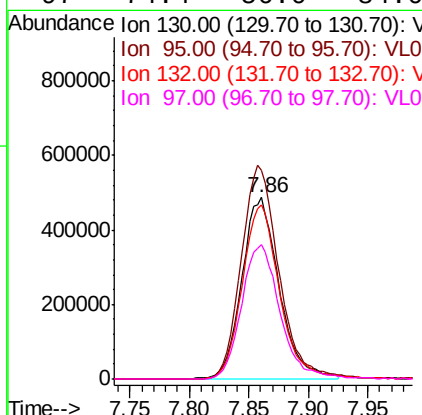
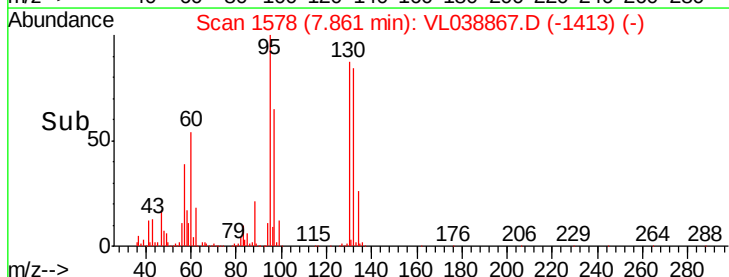
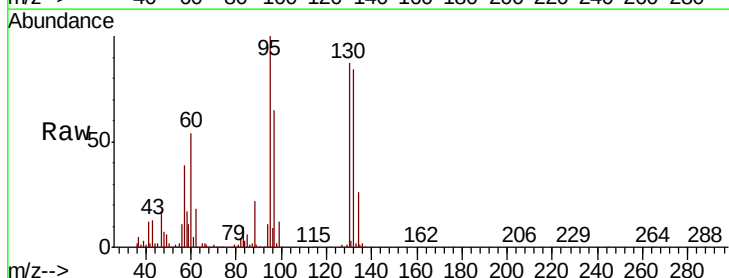
Manual Integrations
 APPROVED

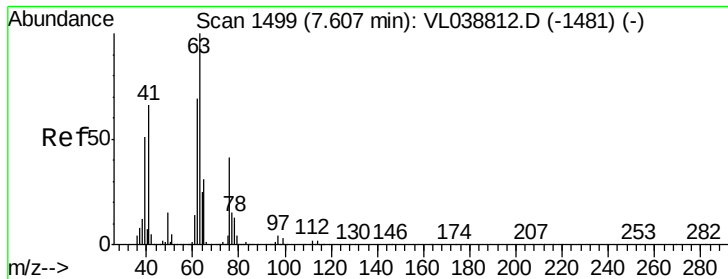
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#38
 Trichloroethene
 Concen: 10.513 ppbv
 RT: 7.86 min Scan# 1578
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:130 Resp: 1049448
 Ion Ratio Lower Upper
 130 100
 95 115.2 89.4 134.0
 132 96.4 77.7 116.5
 97 74.4 56.0 84.0



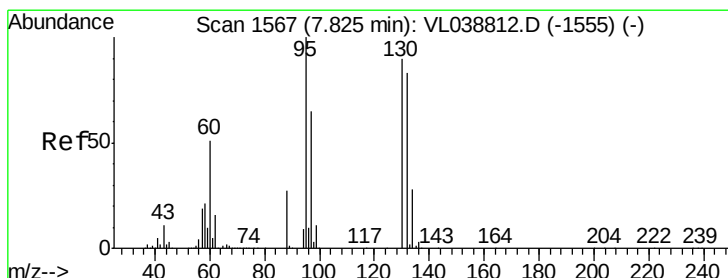
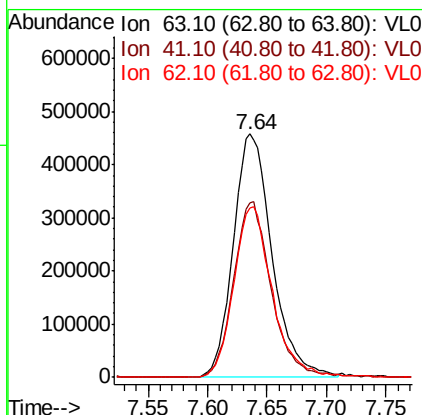
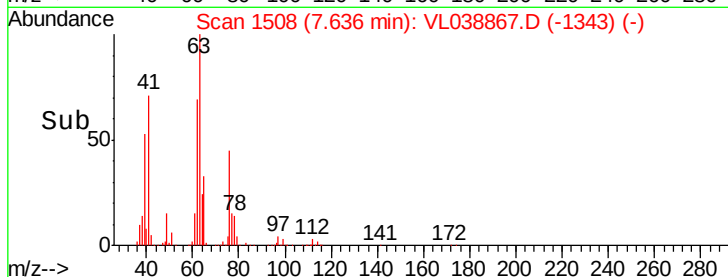
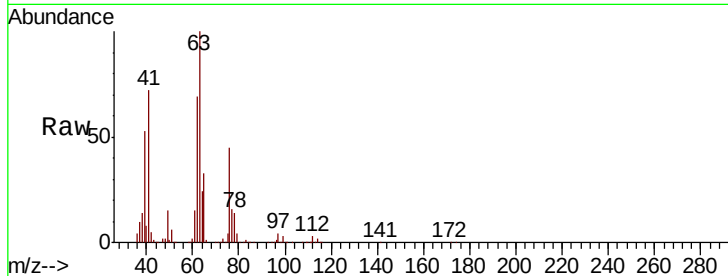


#39
 1,2-Dichloropropane
 Concen: 11.123 ppbv
 RT: 7.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:40

Tot Ion:
 Ion Ratio
 63 100
 41 71.
 62 69.

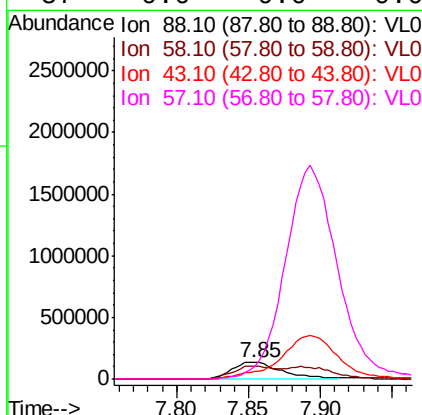
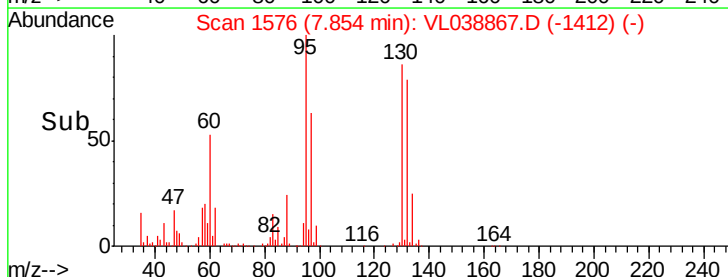
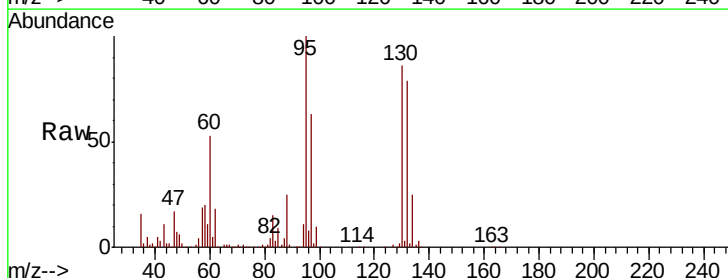
Manual Integrations
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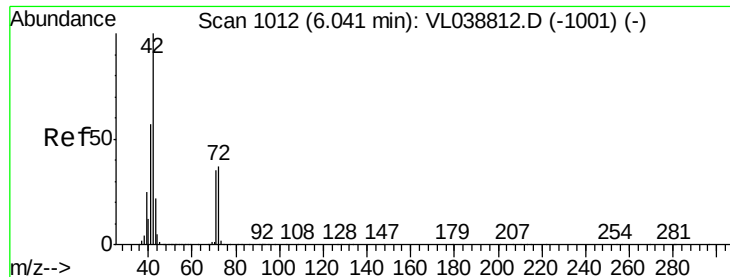
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#40
 1,4-Dioxane
 Concen: 10.384 ppbv m
 RT: 7.85 min Scan# 1576
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 88 Resp: 328148
 Ion Ratio Lower Upper
 88 100
 58 139.4 49.4 74.0#
 43 0.0 0.0 0.0
 57 0.0 0.0 0.0



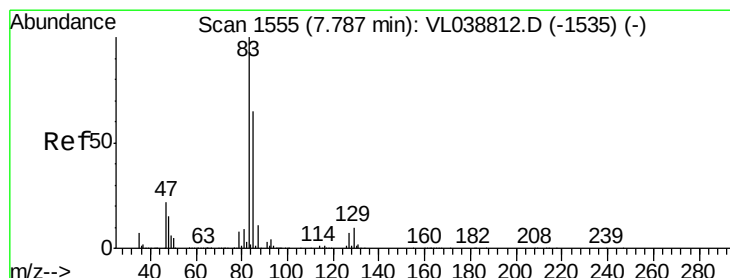
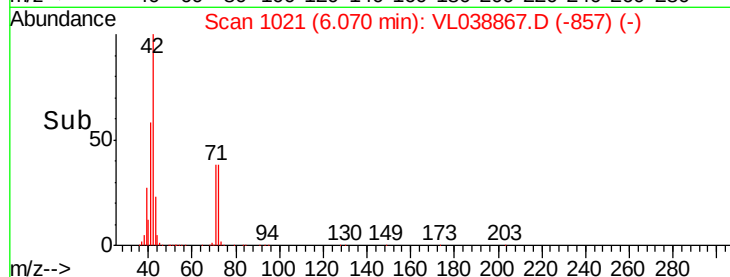
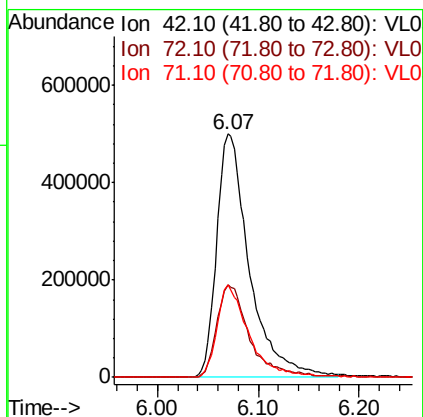
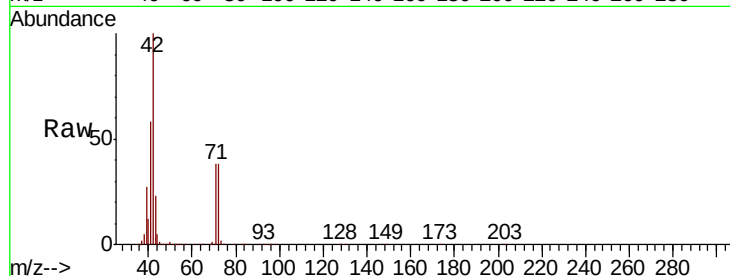


#41
Tetrahydrofuran
Concen: 11.305 ppbv
RT: 6.07
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:46

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

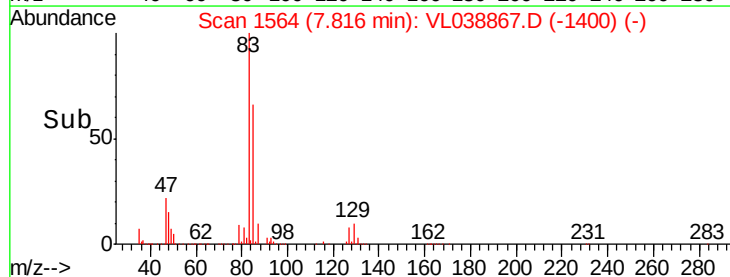
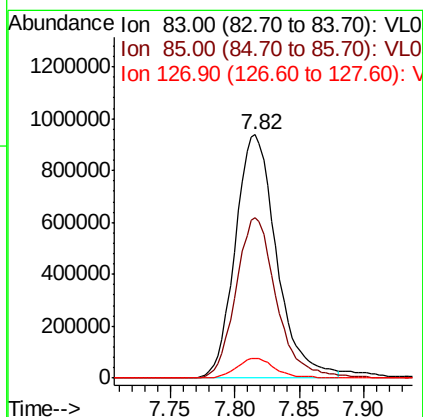
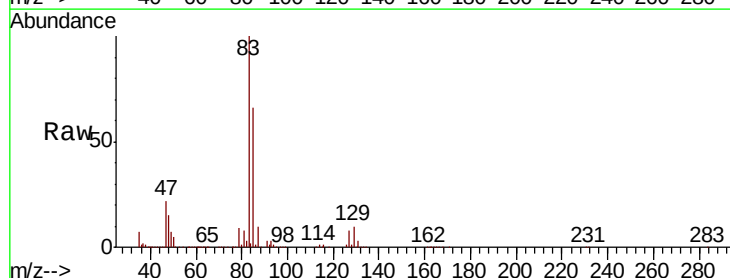
Manual Integrations
APPROVED

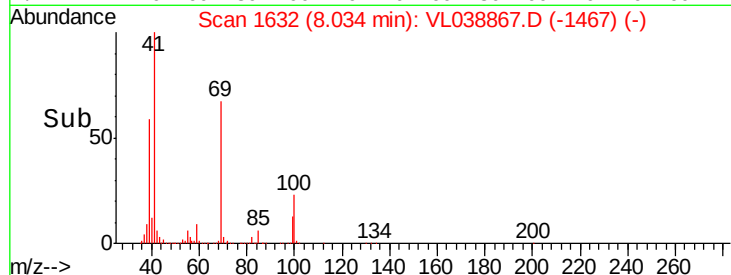
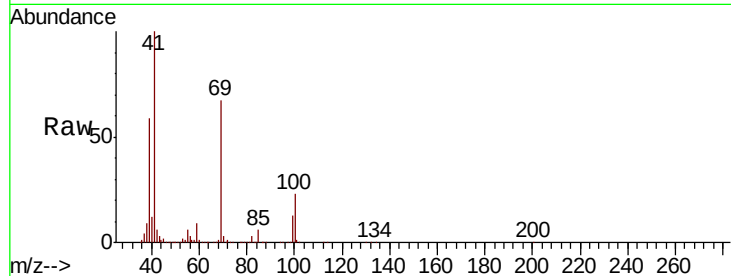
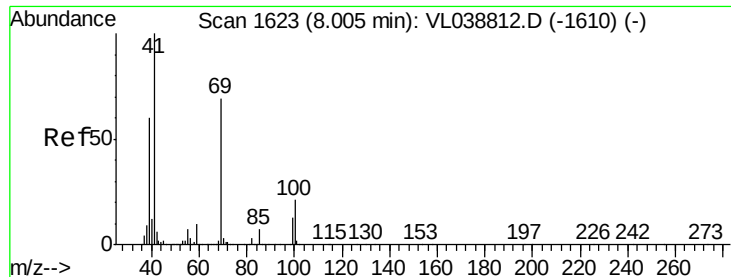
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#42
Bromodichloromethane
Concen: 11.913 ppbv
RT: 7.82 min Scan# 1564
Delta R.T.: 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 83 Resp: 2092638
Ion Ratio Lower Upper
83 100
85 65.7 51.7 77.5
127 8.2 5.9 8.9



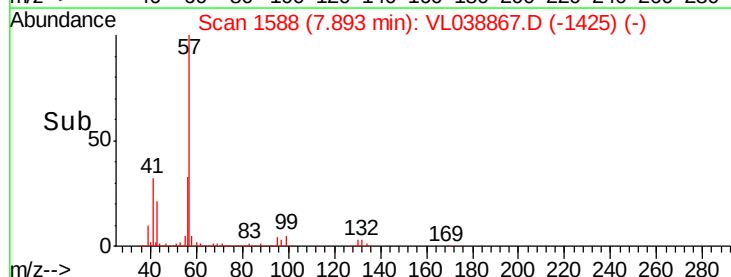
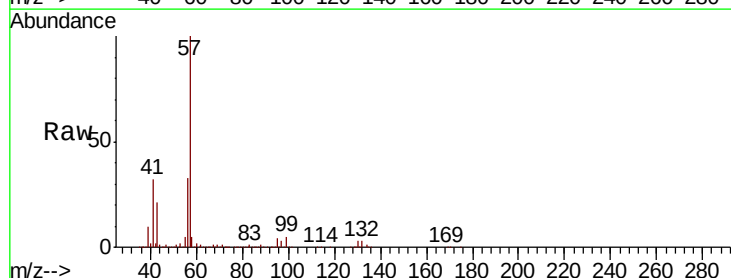
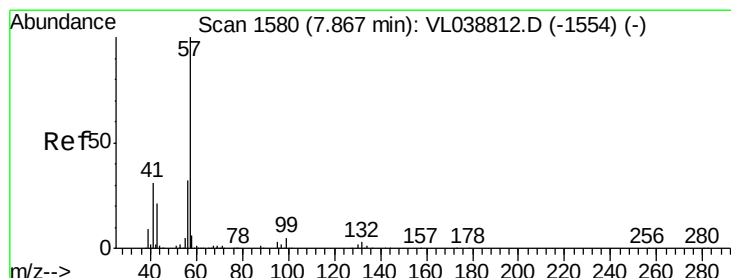
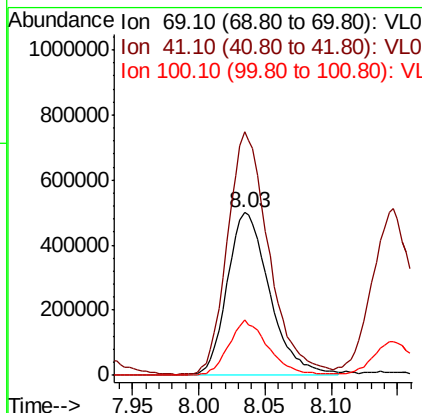


#43
Methyl Methacrylate
Concen: 11.939 ppbv
RT: 8.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:46

Tot Ion:
Ion Ratio
69 100
41 146.
100 31.

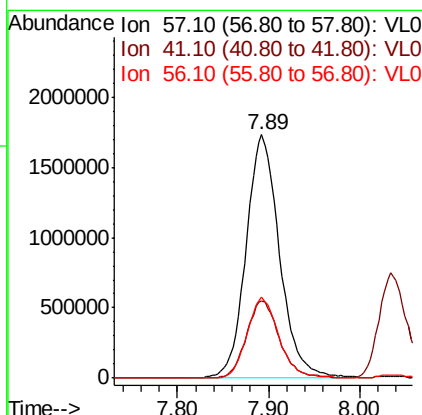
Manual Integrations
APPROVED

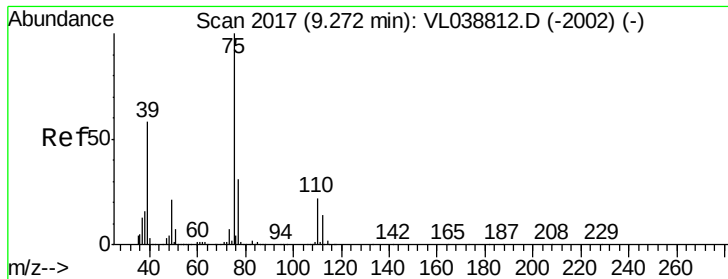
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#44
2,2,4-Trimethylpentane
Concen: 10.711 ppbv
RT: 7.89 min Scan# 1588
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 57 Resp: 4411795
Ion Ratio Lower Upper
57 100
41 31.5 25.0 37.4
56 31.9 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 11.568 ppbv

RT: 9.30 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

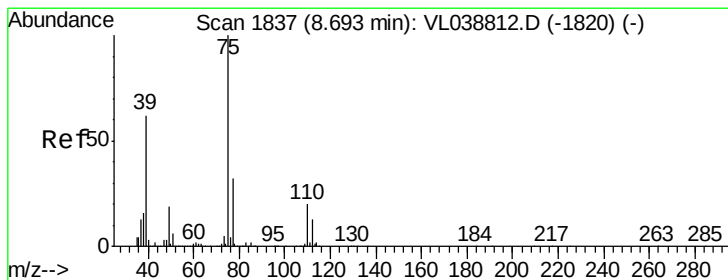
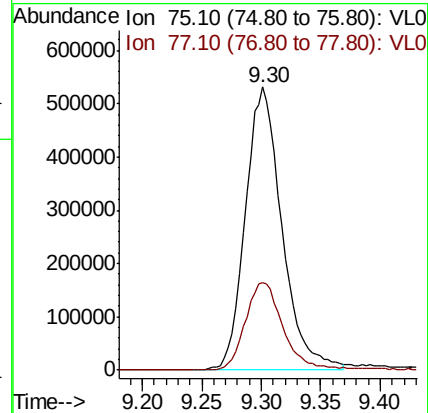
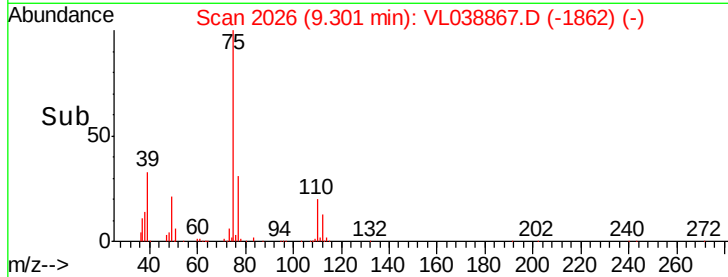
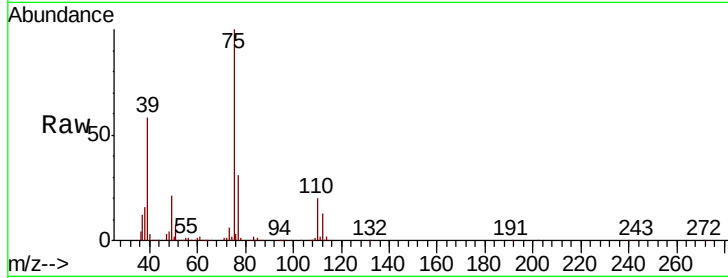
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#46

cis-1,3-Dichloropropene

Concen: 11.236 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

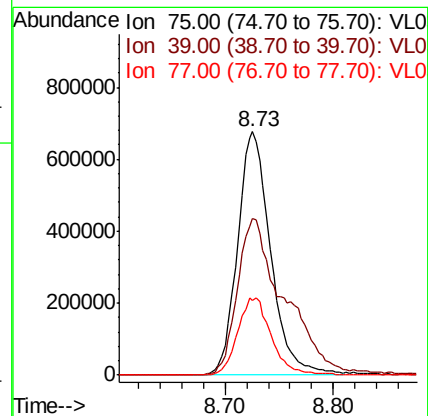
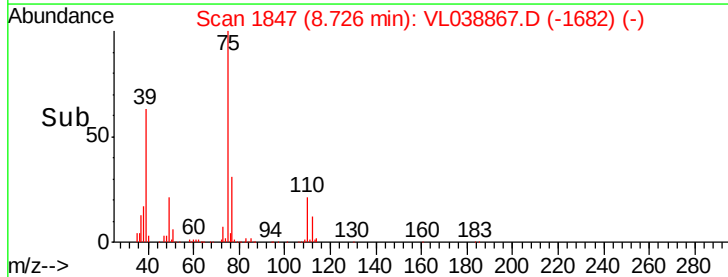
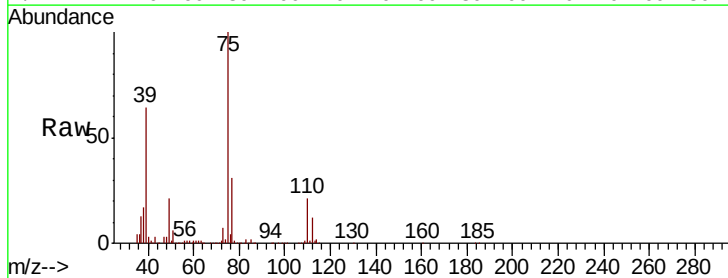
Tgt Ion: 75 Resp: 1443448

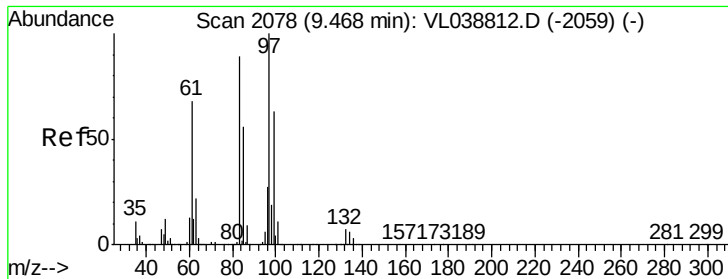
Ion Ratio Lower Upper

75 100

39 64.3 49.7 74.5

77 30.8 25.6 38.4



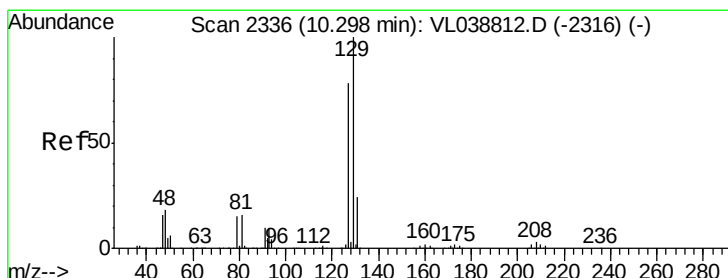
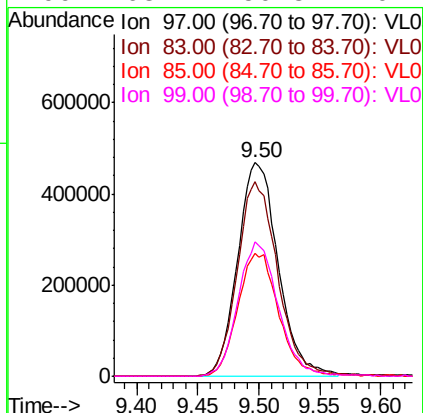
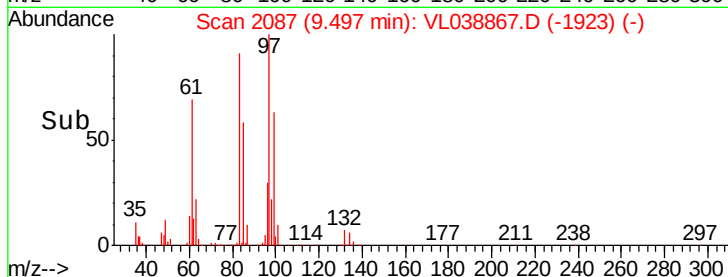
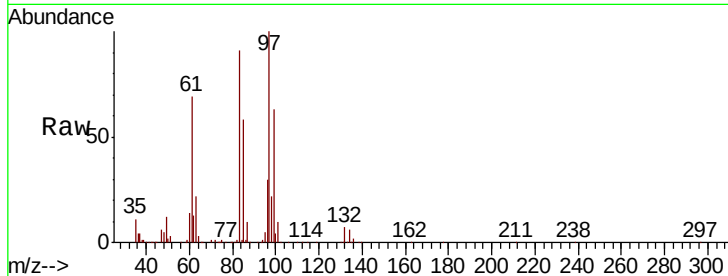


#47
 1,1,2-Trichloroethane
 Concen: 11.300 ppbv
 RT: 9.50 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:46

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 57.
 99 63.2 50.8 76.2

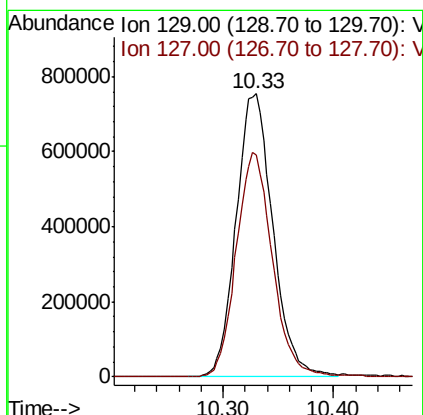
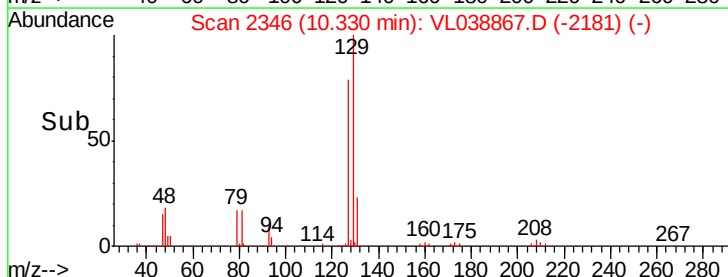
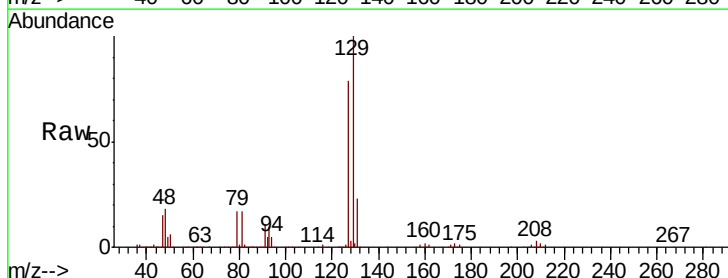
Manual Integrations
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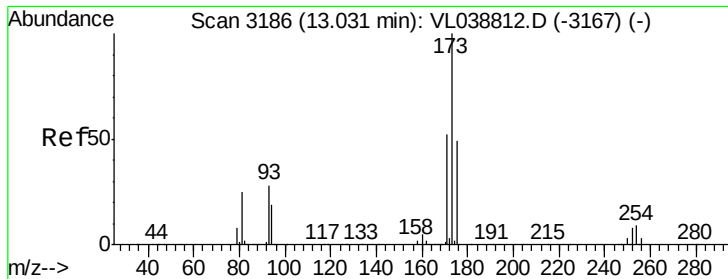
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#48
 Dibromochloromethane
 Concen: 11.652 ppbv
 RT: 10.33 min Scan# 2346
 Delta R.T.: 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:129 Resp: 1741388
 Ion Ratio Lower Upper
 129 100
 127 78.3 38.9 116.6





#49

Bromoform

Concen: 11.806 ppbv

RT: 13.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:1

Ion Rati

173 100

175 49.

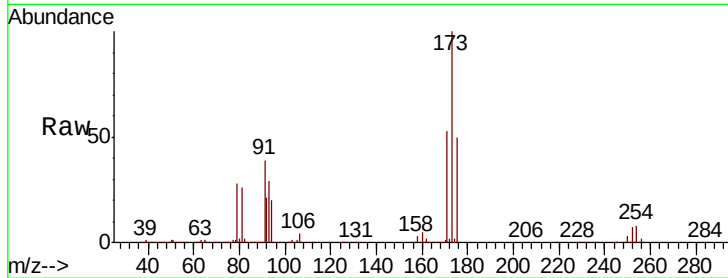
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

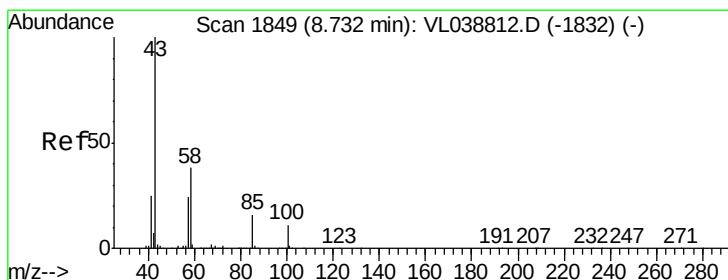
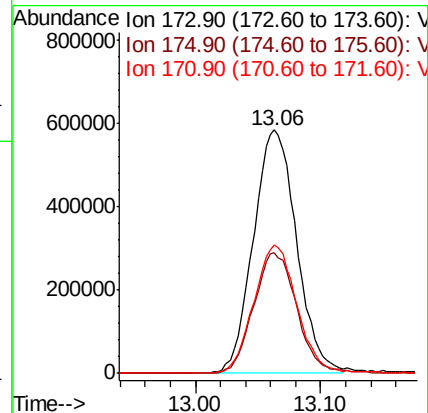
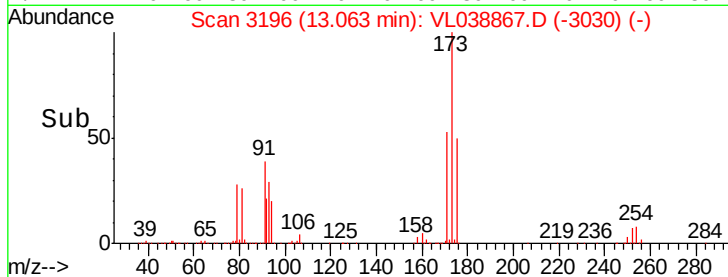
Supervised By :Mahesh Dadoda 04/11/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.664 ppbv

RT: 8.76 min Scan# 1858

Delta R.T. 0.03 min

Lab File: VL038867.D

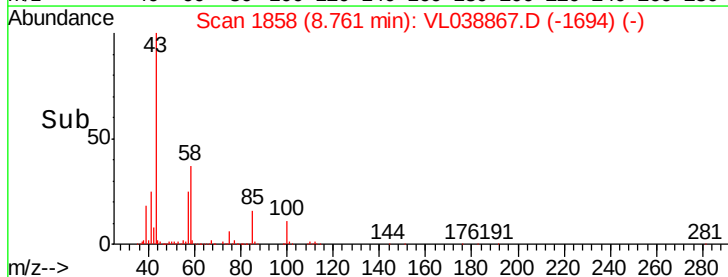
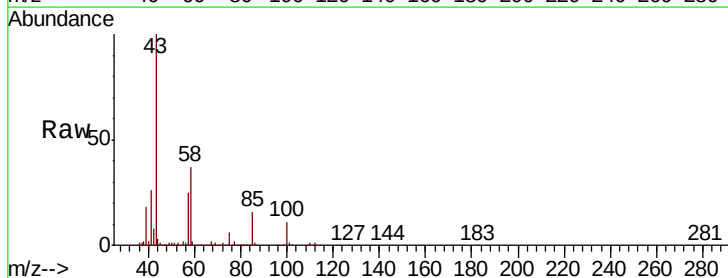
Acq: 8 Apr 2022 9:46

Tgt Ion: 43 Resp: 2772527

Ion Ratio Lower Upper

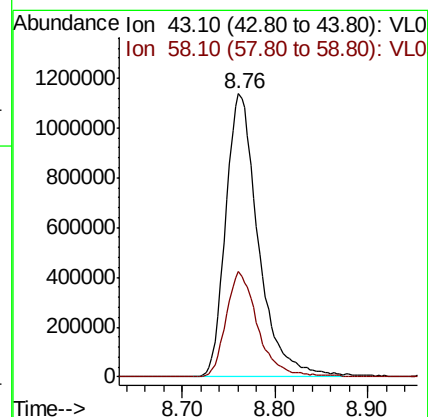
43 100

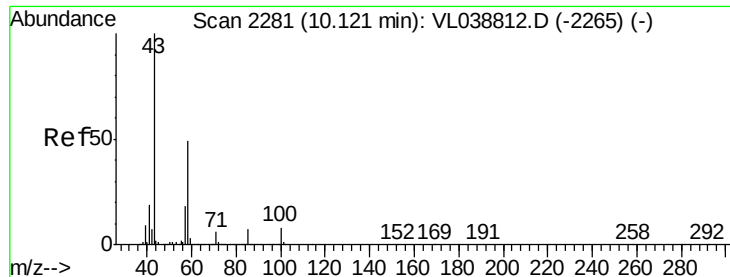
58 36.3 29.0 43.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



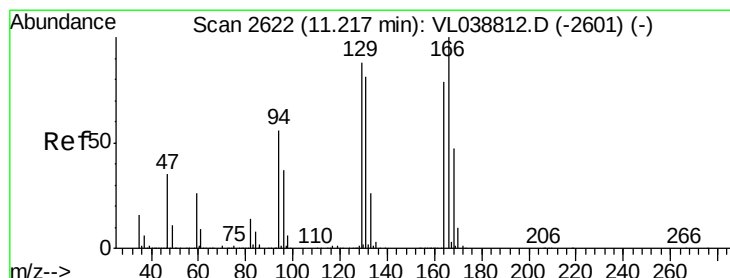
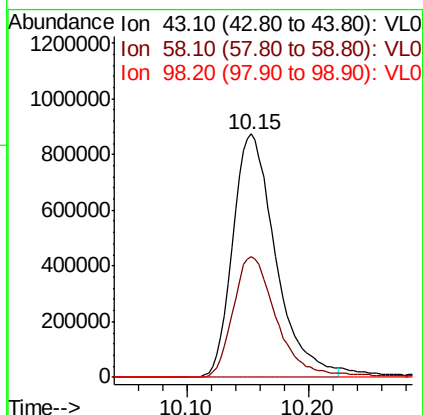
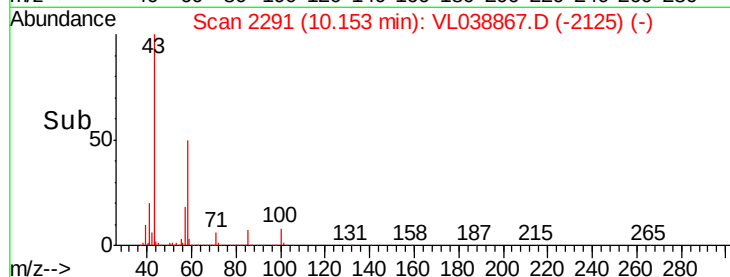
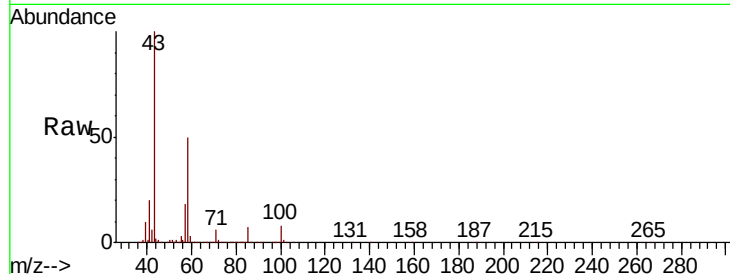


#51
2-Hexanone
Concen: 11.840 ppbv
RT: 10.15
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 9:40

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

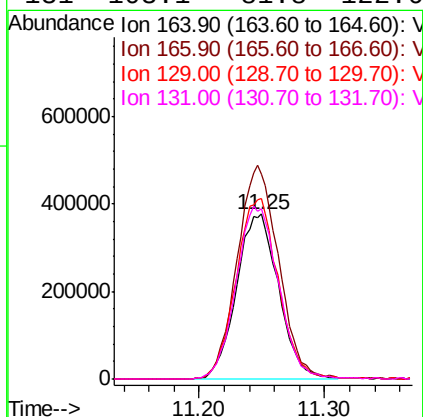
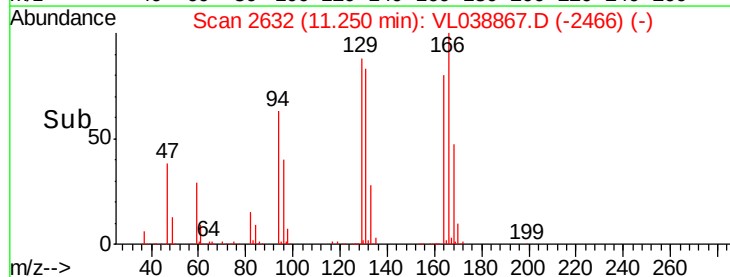
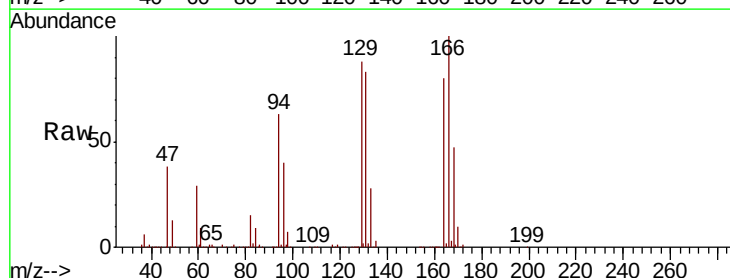
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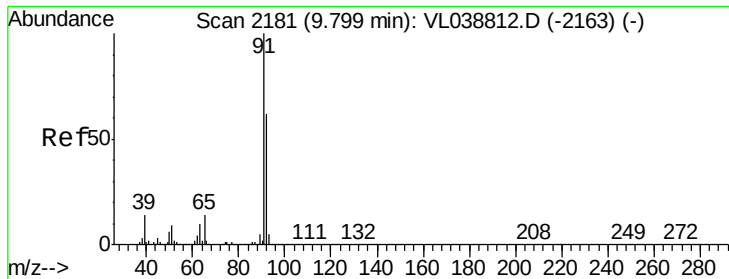
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#52
Tetrachloroethene
Concen: 10.317 ppbv
RT: 11.25 min Scan# 2632
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion:164 Resp: 876752
Ion Ratio Lower Upper
164 100
166 124.3 101.0 151.6
129 109.4 88.7 133.1
131 103.1 81.8 122.6





#53

Toluene

Concen: 10.916 ppbv

RT: 9.83 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

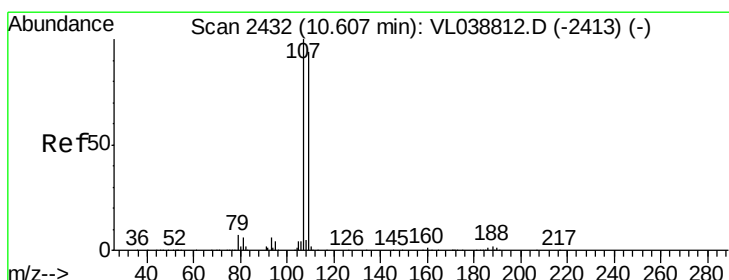
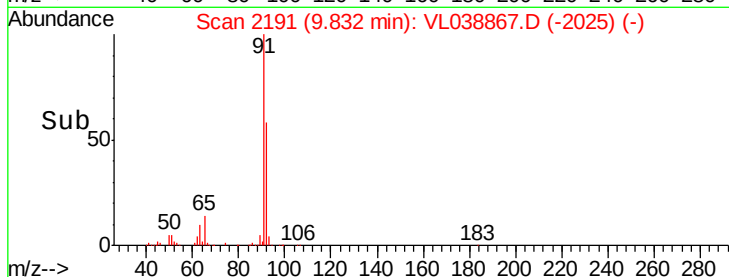
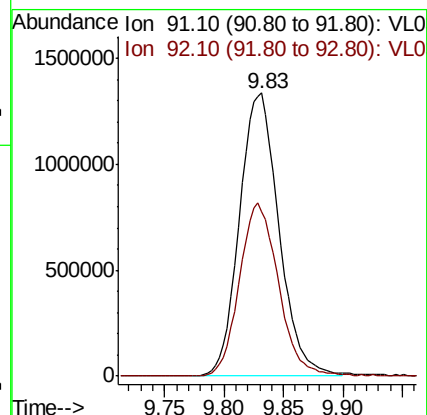
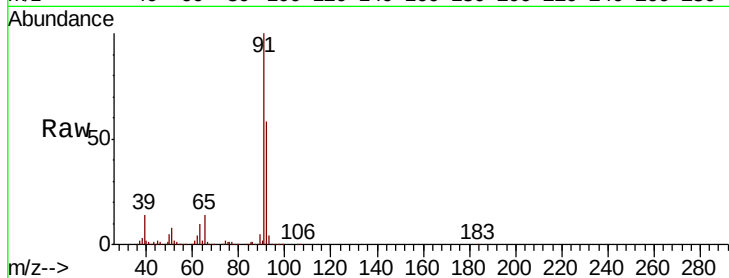
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#54

1,2-Dibromoethane

Concen: 11.591 ppbv

RT: 10.63 min Scan# 2440

Delta R.T. 0.03 min

Lab File: VL038867.D

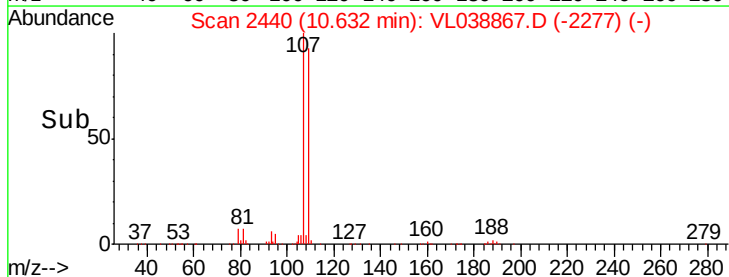
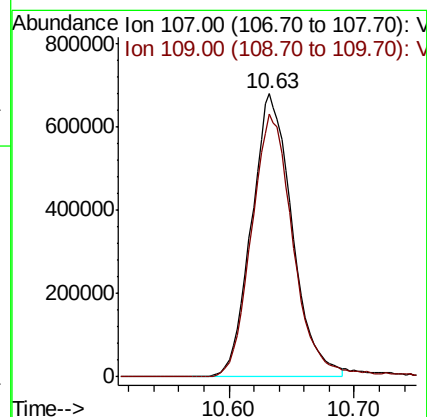
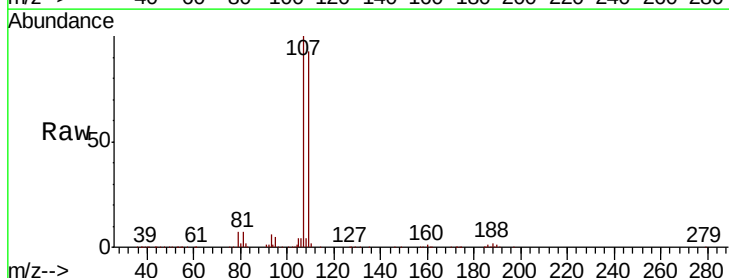
Acq: 8 Apr 2022 9:46

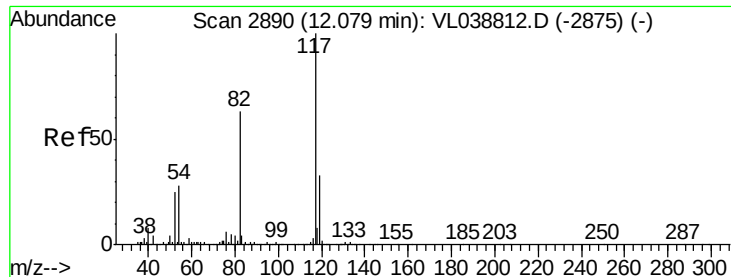
Tgt Ion:107 Resp: 1535210

Ion Ratio Lower Upper

107 100

109 92.9 75.5 113.3



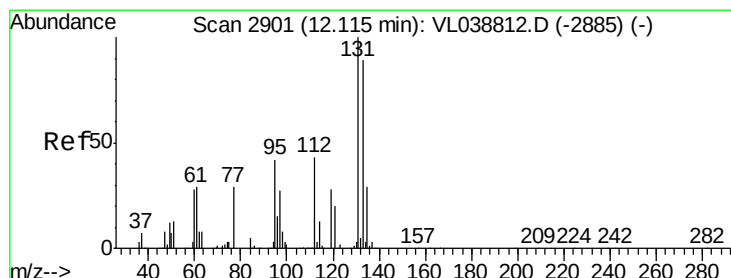
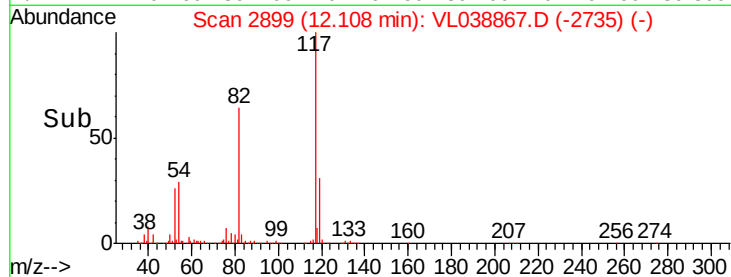
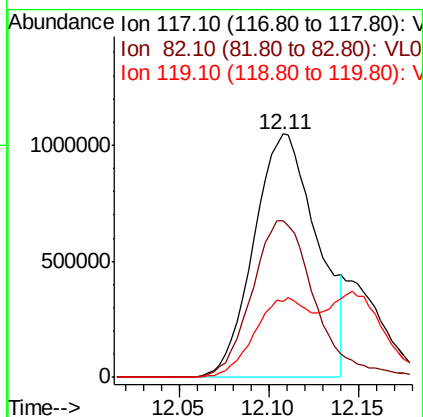
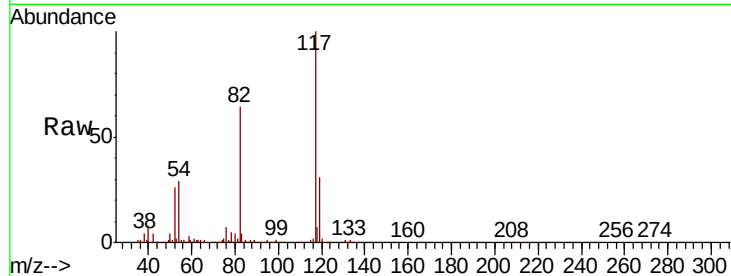


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.11
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 8 Apr 2022 9:40

Tot Ion:1
Ion Rati
117 100
82 64.
119 31.

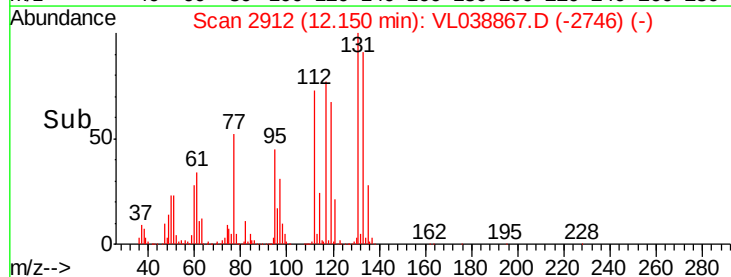
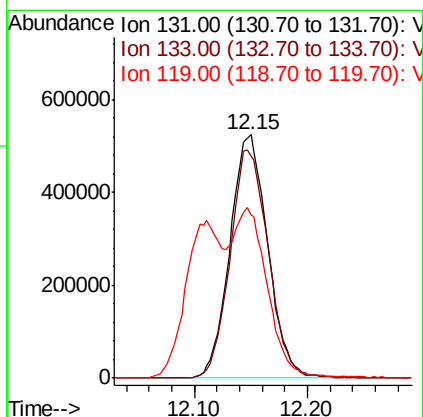
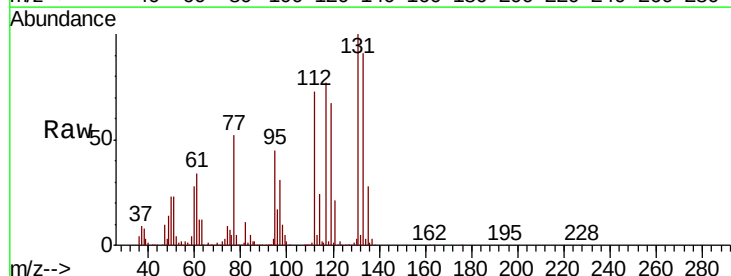
Manual Integrations
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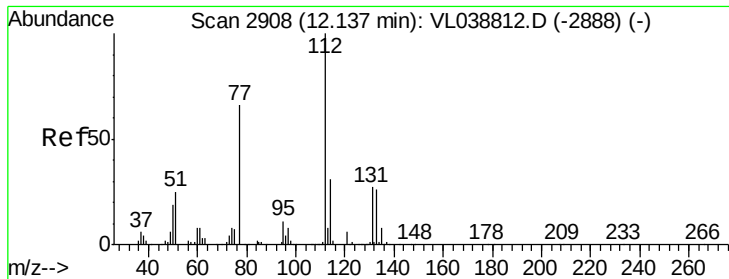
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.742 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. 0.04 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion:131 Resp: 1216024
Ion Ratio Lower Upper
131 100
133 95.0 78.2 117.4
119 70.2 58.6 87.8



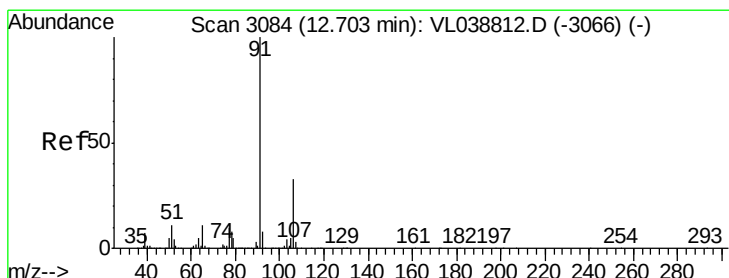
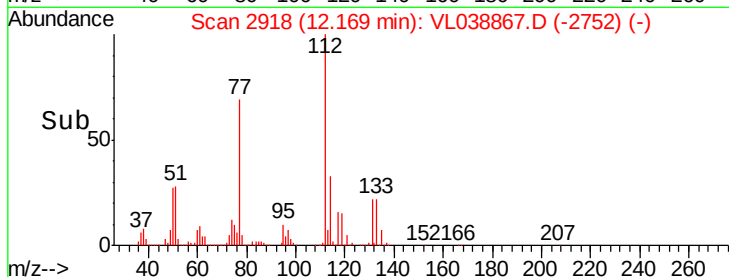
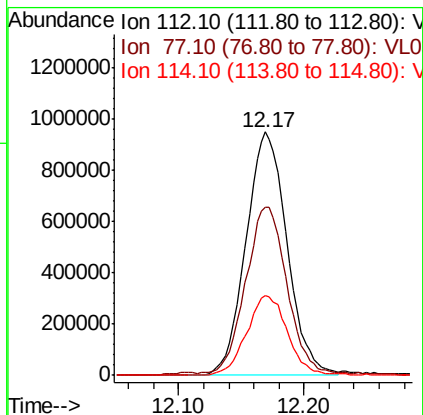
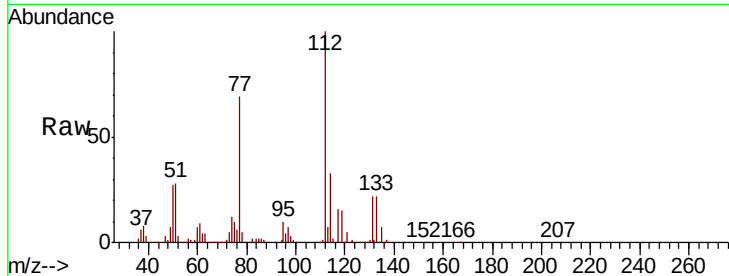


#57
Chlorobenzene
Concen: 10.225 ppbv
RT: 12.17 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: VSTDCCC010EC
Acq: 8 Apr 2022 9:40

Tot Ion: 1
Ion Ratio
112 100
77 68.
114 32.

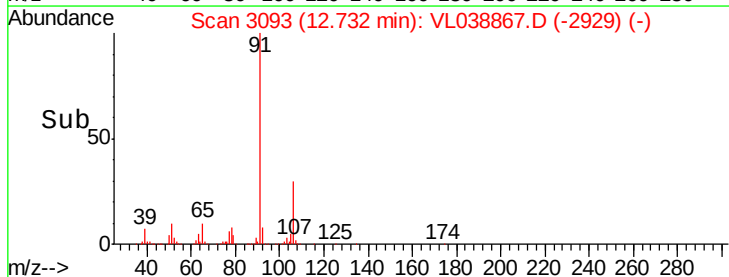
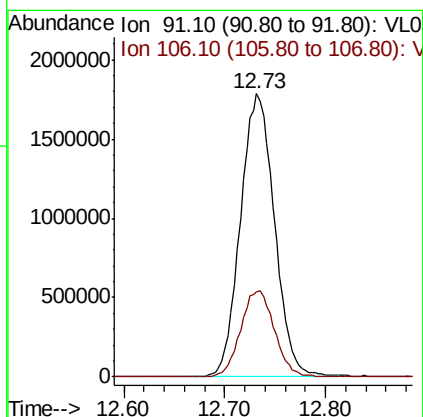
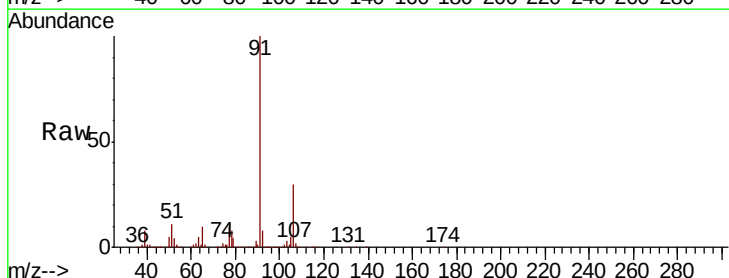
Manual Integrations
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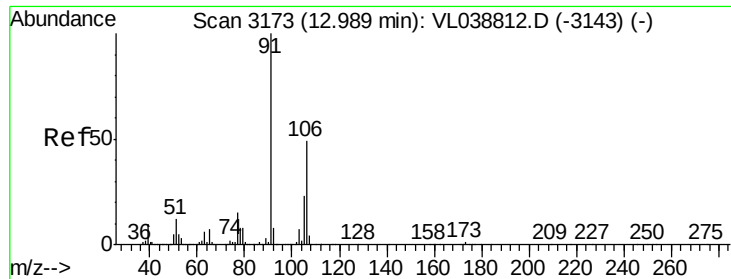
Reviewed By : Semsettin Yesilyurt 04/11/2022
Supervised By : Mahesh Dadoda 04/11/2022



#58
Ethyl Benzene
Concen: 10.829 ppbv
RT: 12.73 min Scan# 3093
Delta R.T.: 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 91 Resp: 4180077
Ion Ratio Lower Upper
91 100
106 30.1 26.7 40.1





#59

m/p-Xylene

Concen: 21.212 ppbv m

RT: 13.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

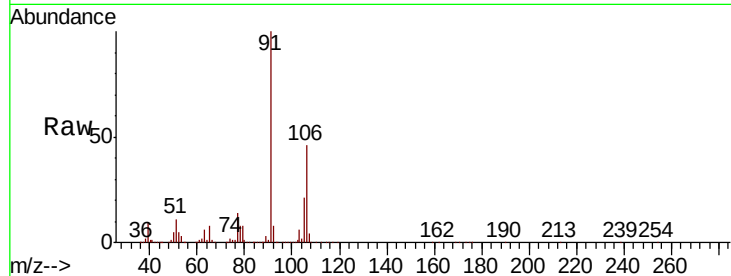
106 43.

Manual Integrations

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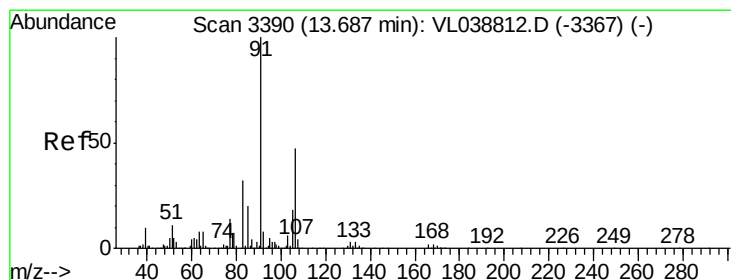
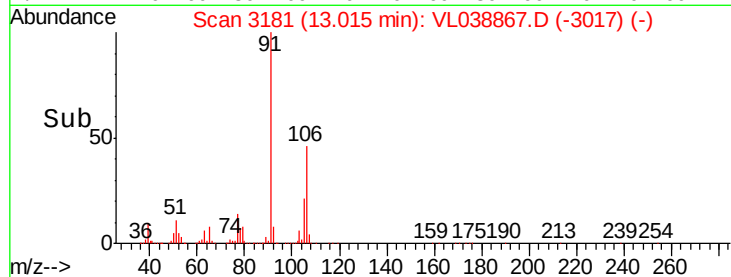
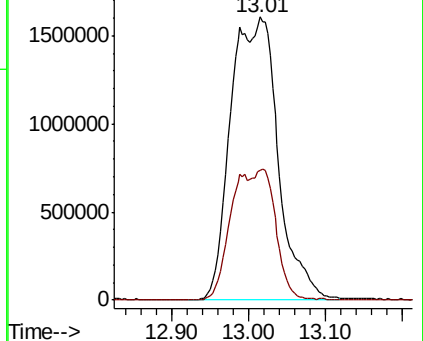
Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 10.674 ppbv

RT: 13.72 min Scan# 3399

Delta R.T. 0.03 min

Lab File: VL038867.D

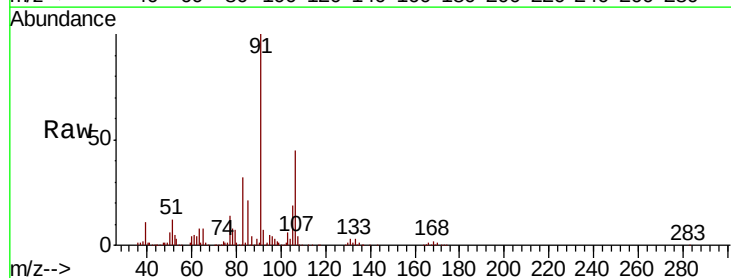
Acq: 8 Apr 2022 9:46

Tgt Ion: 91 Resp: 3238856

Ion Ratio Lower Upper

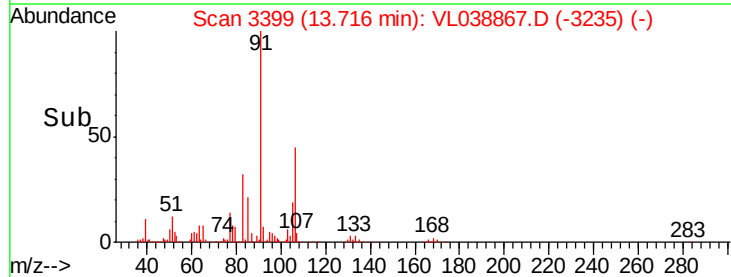
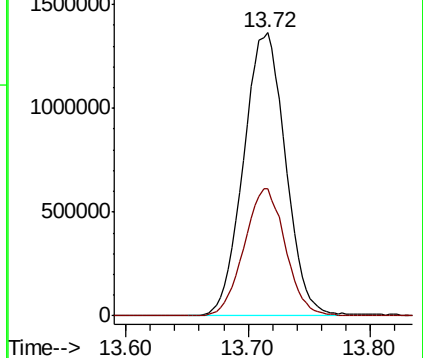
91 100

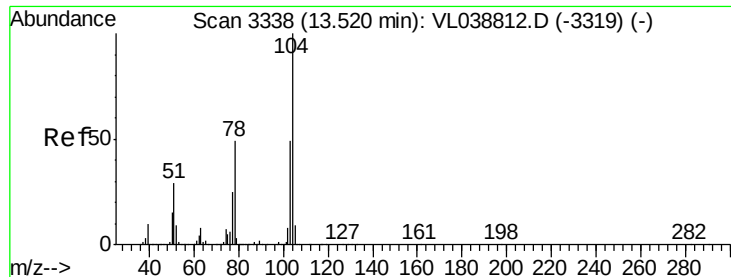
106 44.2 23.8 71.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



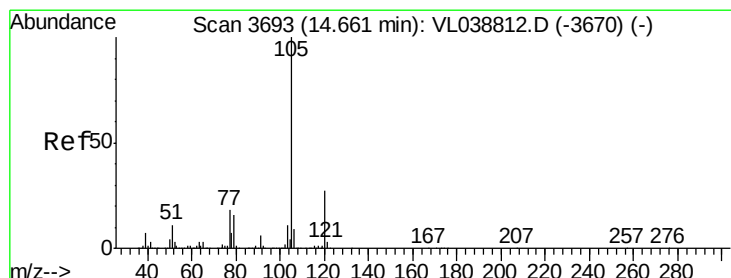
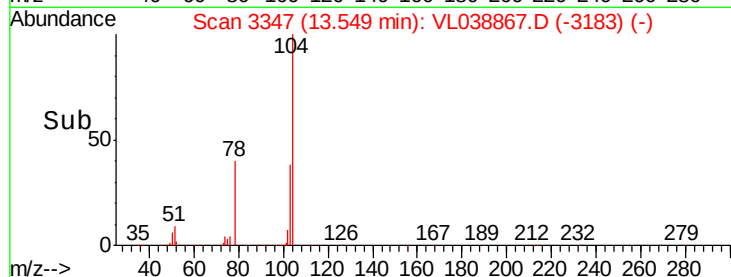
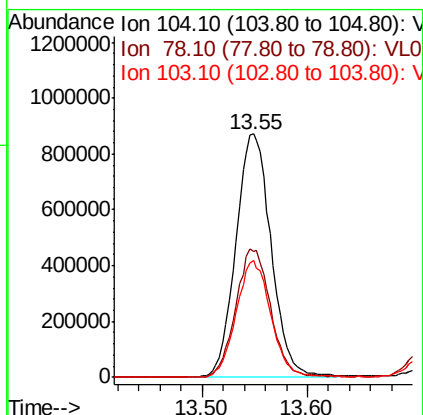
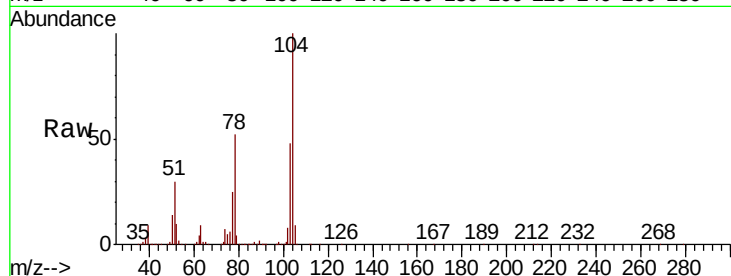


#61
Stvrene
Concen: 10.981 ppbv
RT: 13.55
Instrument: MSVOA_L
Delta R.T.:
Client Sample Id:
Lab File: VSTDCCC010EC
Acq: 8 Apr 2022 9:40

Tot Ion:1
Ion Rati
104 100
78 52.
103 47.

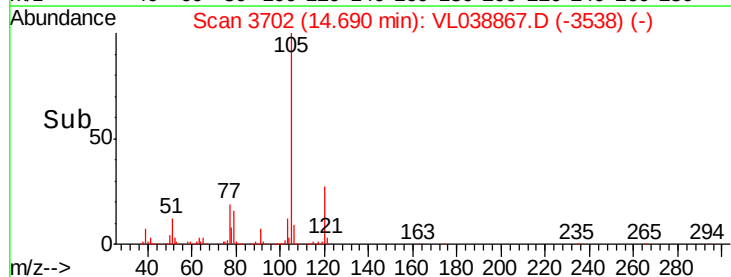
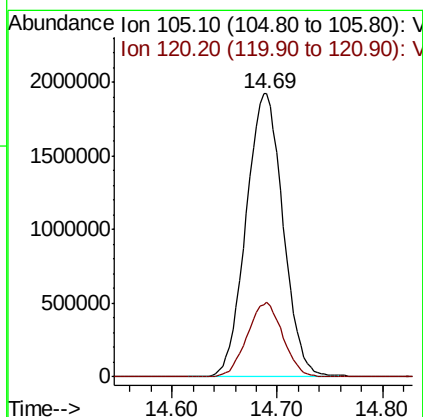
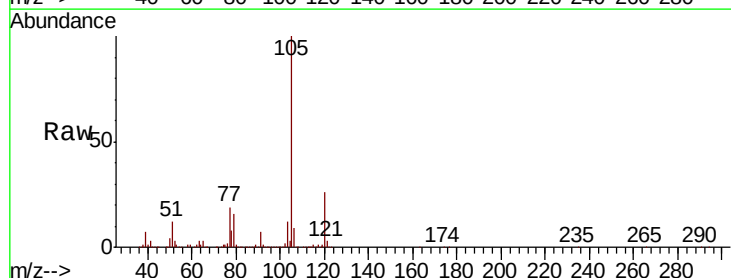
Manual Integrations
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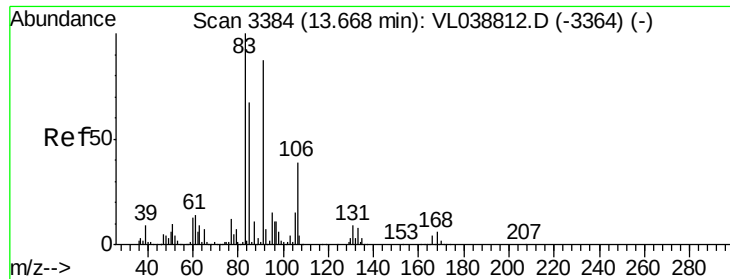
Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#62
Isopropylbenzene
Concen: 10.302 ppbv
RT: 14.69 min Scan# 3702
Delta R.T. 0.03 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion:105 Resp: 4692434
Ion Ratio Lower Upper
105 100
120 25.5 21.8 32.8



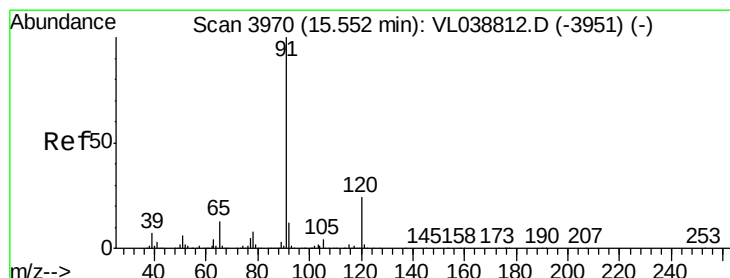
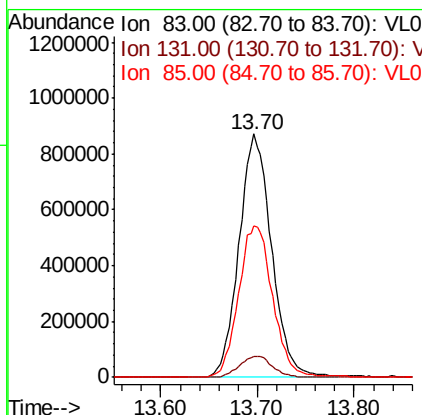
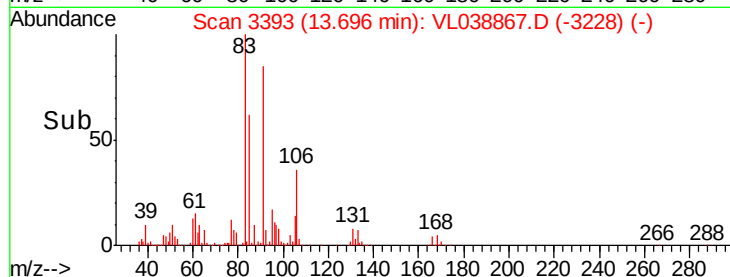
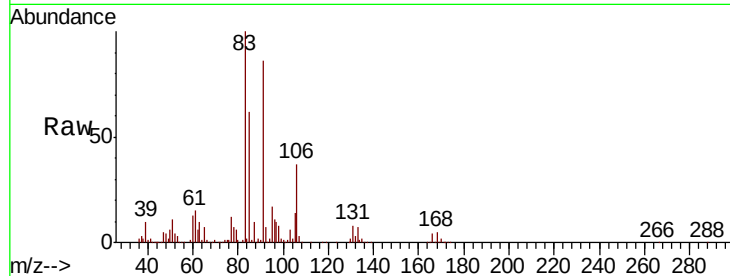


#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.591 ppbv
 RT: 13.70 min
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tot Ion:
 Ion Ratio
 83 100
 131 8.
 85 65.

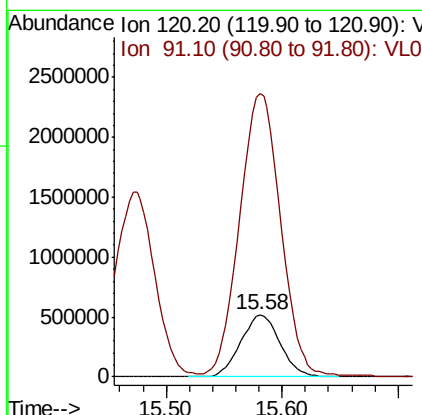
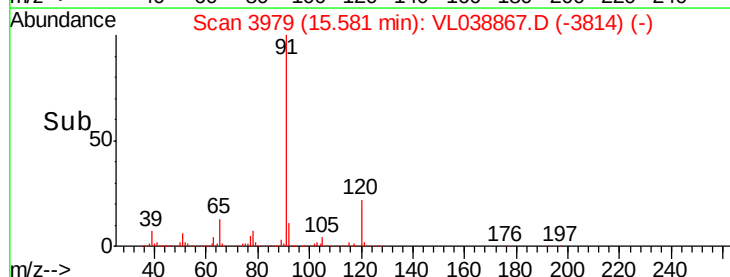
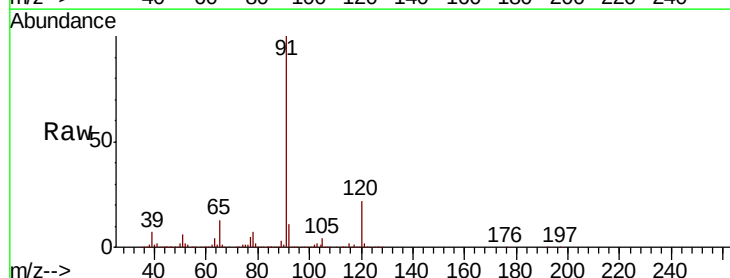
Manual Integrations
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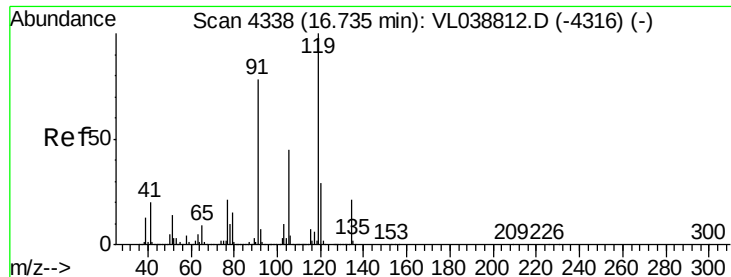
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#64
 n-propylbenzene
 Concen: 10.317 ppbv
 RT: 15.58 min Scan# 3979
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:120 Resp: 1220058
 Ion Ratio Lower Upper
 120 100
 91 478.6 360.6 540.8





#65

tert-Butylbenzene

Concen: 9.833 ppbv

RT: 16.77

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40

Tot Ion:1

Ion Rati

119 100

91 83.

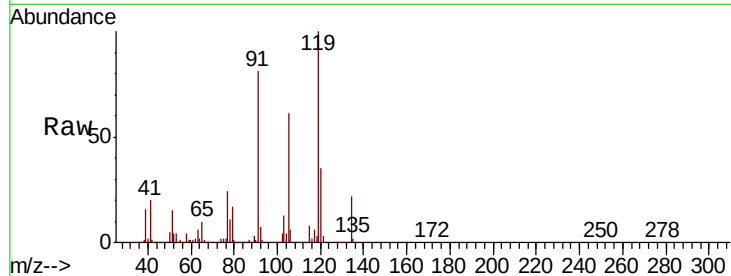
134 20.

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Reviewed By :Semsettin Yesilyurt 04/11/2022

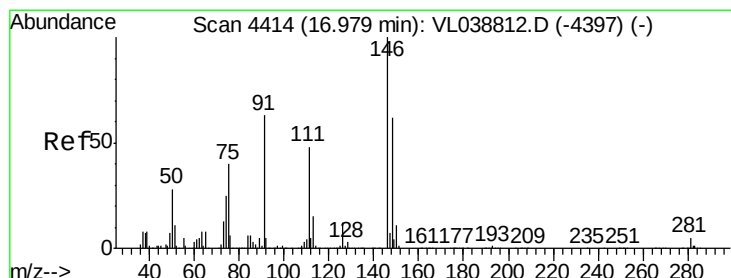
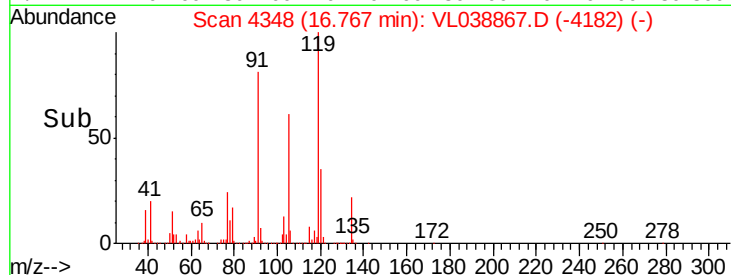
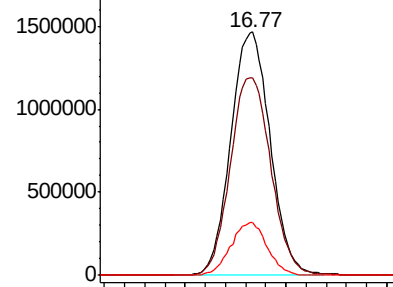
Supervised By :Mahesh Dadoda 04/11/2022



Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 6.872 ppbv

RT: 17.01 min Scan# 4423

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

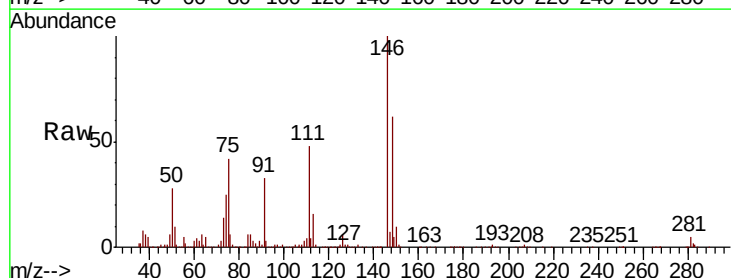
Tgt Ion: 91 Resp: 565356

Ion Ratio Lower Upper

91 100

126 15.9 15.4 23.0

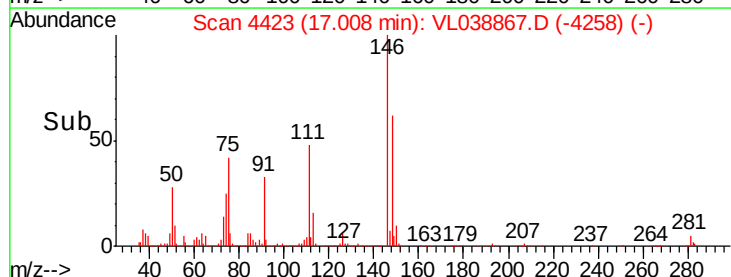
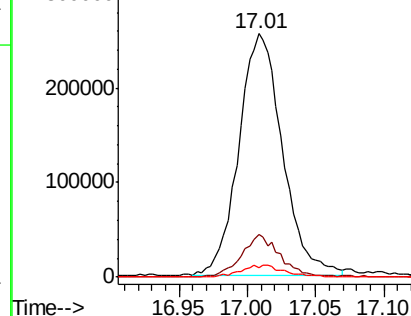
128 5.1 4.7 7.1

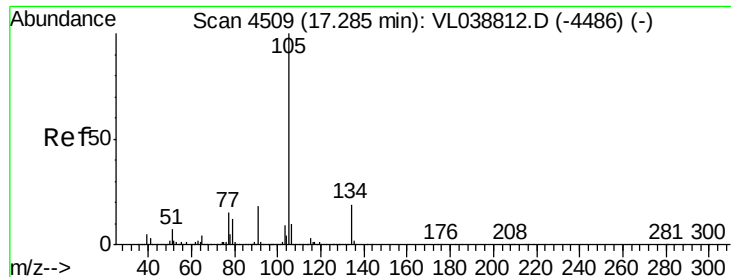


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.303 ppbv

RT: 17.31

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40

Tot Ion:1

Ion Ratio

105 100

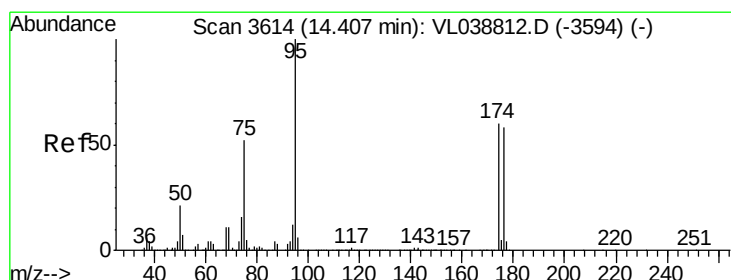
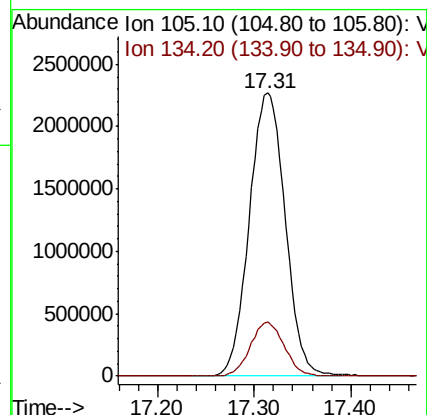
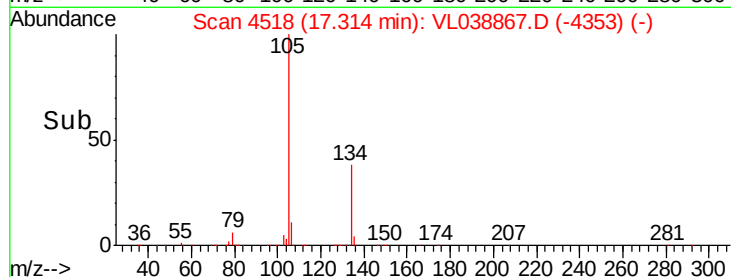
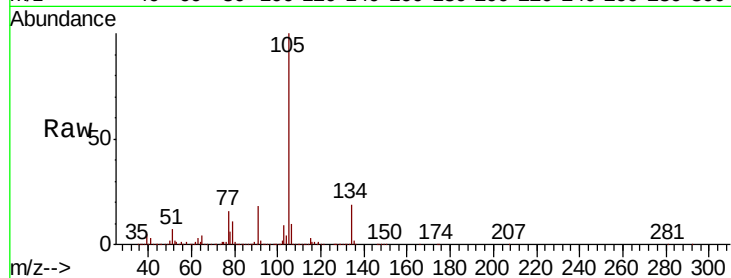
134 18.

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Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.192 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

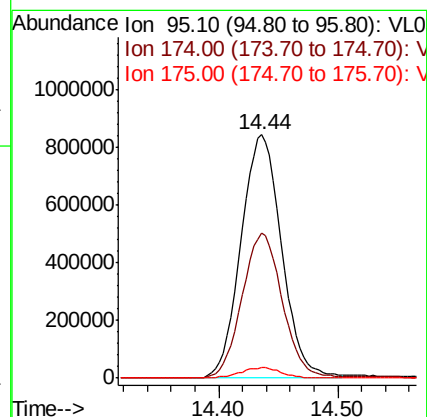
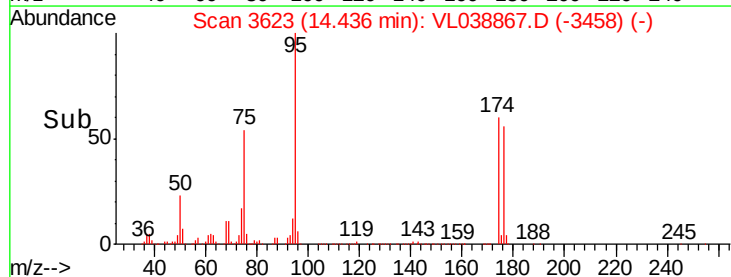
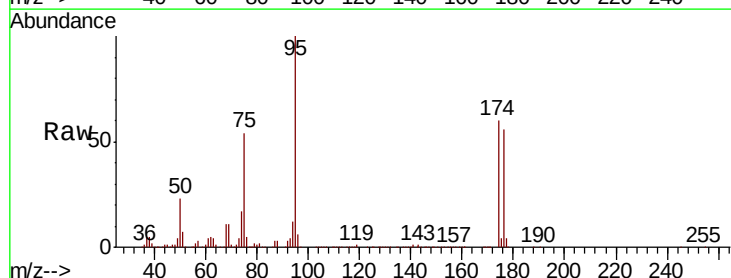
Tgt Ion: 95 Resp: 1997031

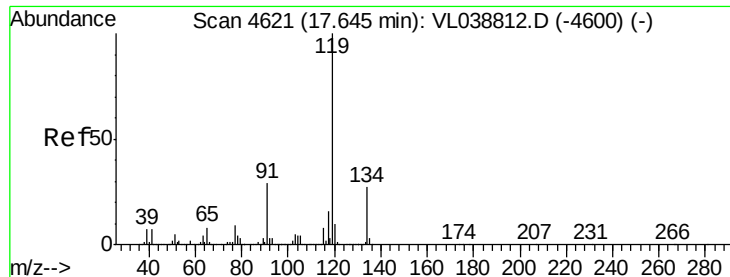
Ion Ratio Lower Upper

95 100

174 60.3 52.0 78.0

175 4.4 4.0 6.0



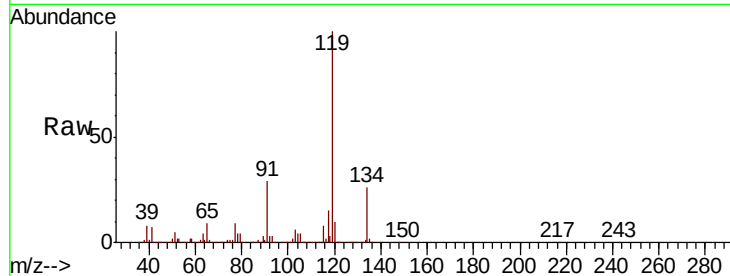


#69
 p-Isopropyltoluene
 Concen: 10.297 ppbv
 RT: 17.67 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 9:40

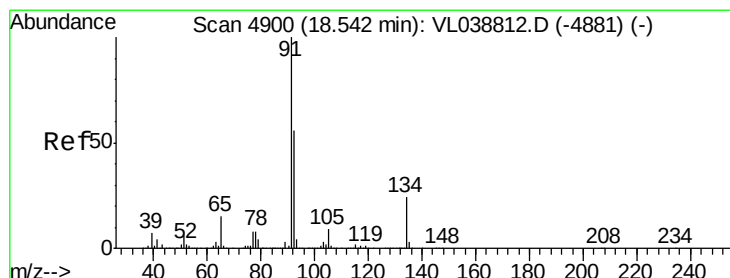
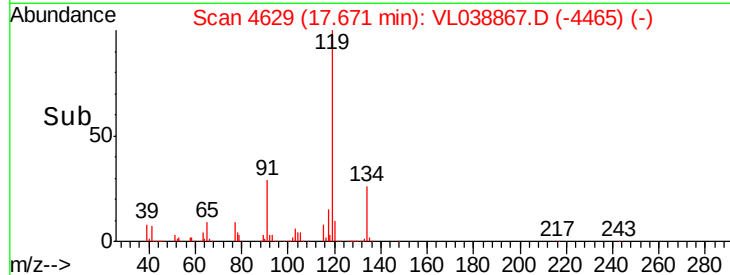
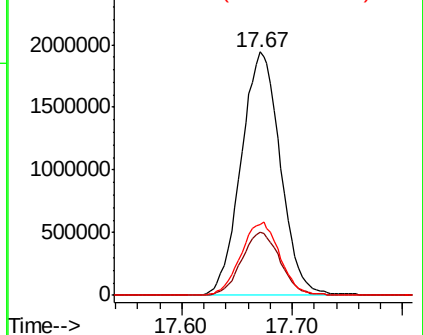
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 30.

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Reviewed By : Semsettin Yesilyurt 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

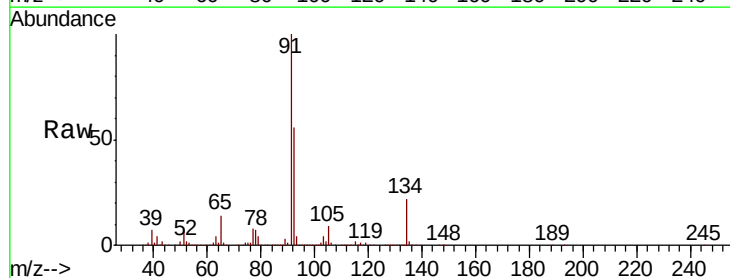


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

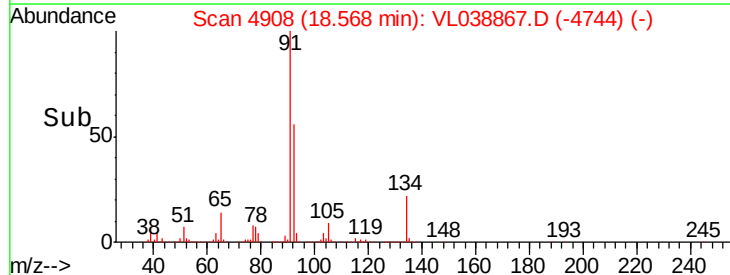
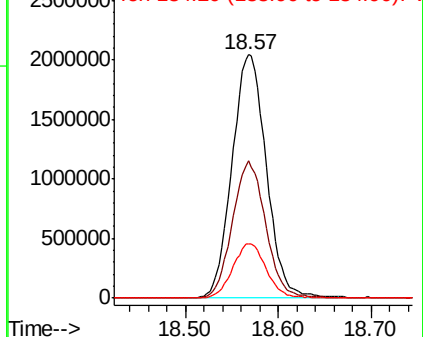


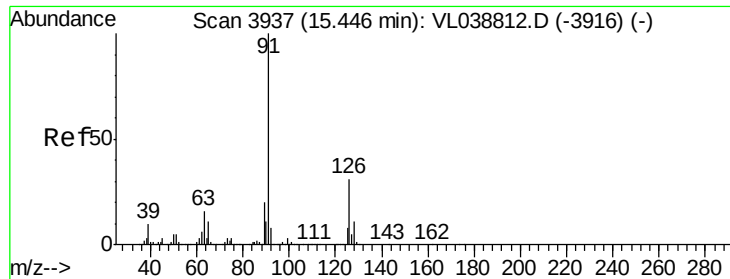
#70
 n-Butylbenzene
 Concen: 11.154 ppbv
 RT: 18.57 min Scan# 4908
 Delta R.T.: 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion: 91 Resp: 5231686
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.6 66.8
 134 21.9 19.2 28.8



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



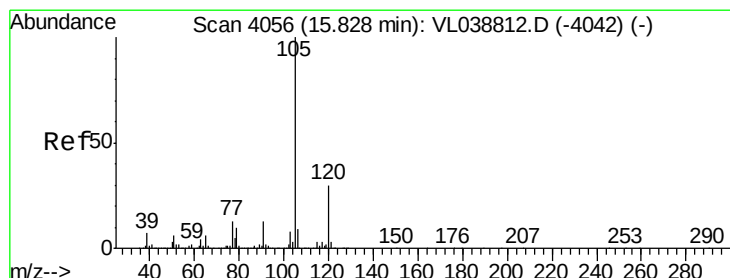
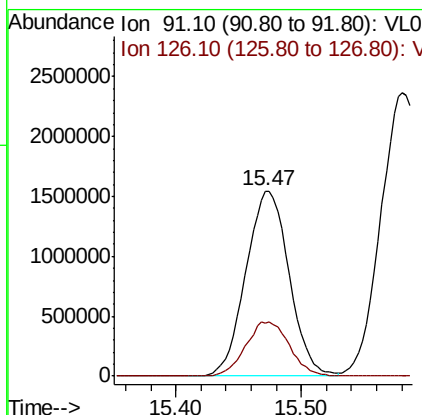
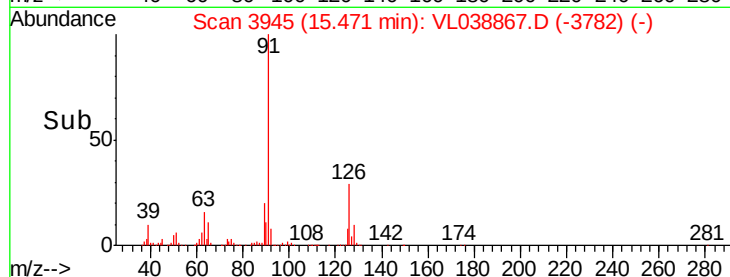
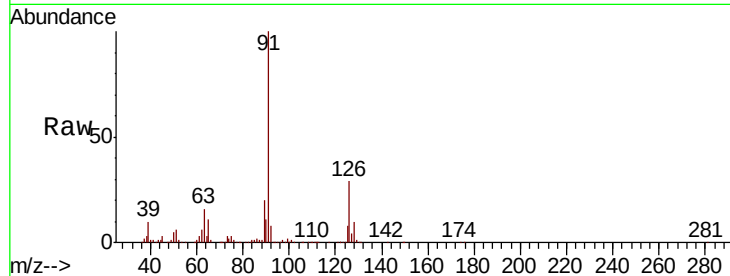


#71
 2-Chlorotoluene
 Concen: 10.829 ppbv
 RT: 15.47 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 9:46

Tot Ion:
 Ion Ratio
 91 100
 126 29.

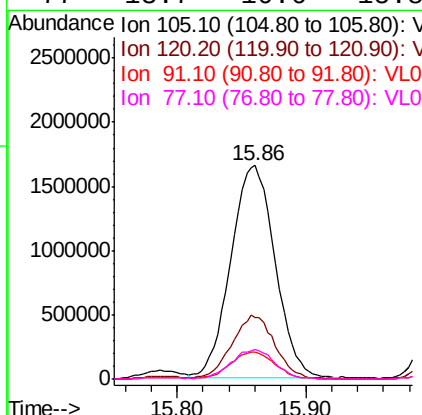
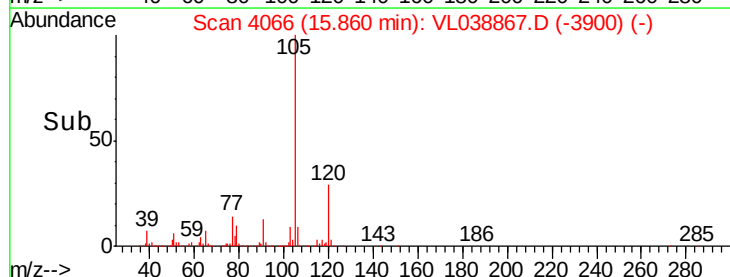
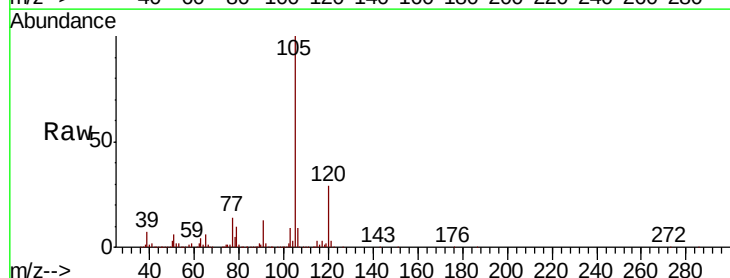
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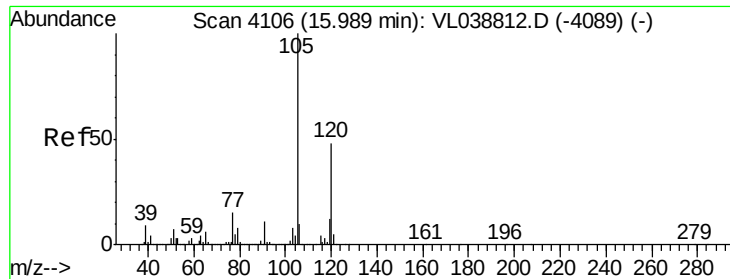
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#72
 4-Ethyltoluene
 Concen: 10.889 ppbv
 RT: 15.86 min Scan# 4066
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:105 Resp: 3945517
 Ion Ratio Lower Upper
 105 100
 120 29.0 24.3 36.5
 91 12.6 9.4 14.2
 77 13.7 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.802 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40

Tot Ion:1

Ion Ratio

105 100

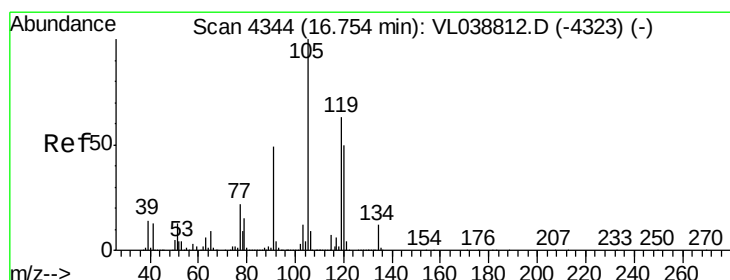
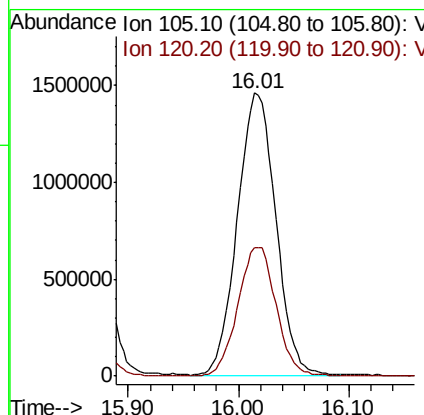
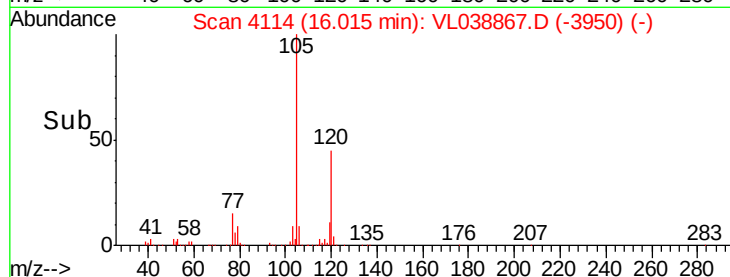
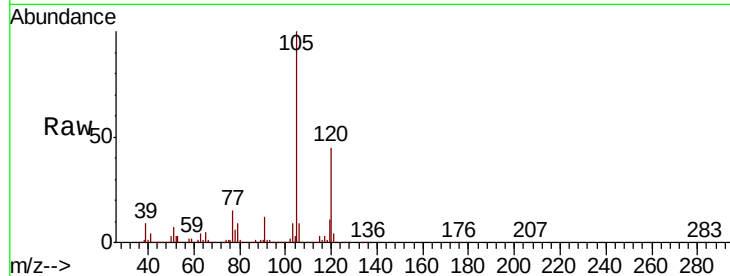
120 45.

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Reviewed By :Semsettin Yesilyurt 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.526 ppbv

RT: 16.78 min Scan# 4353

Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

Tgt Ion:105 Resp: 3622030

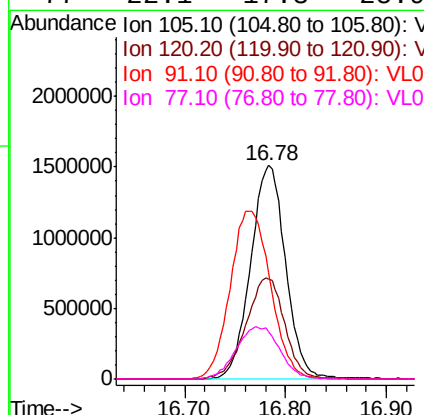
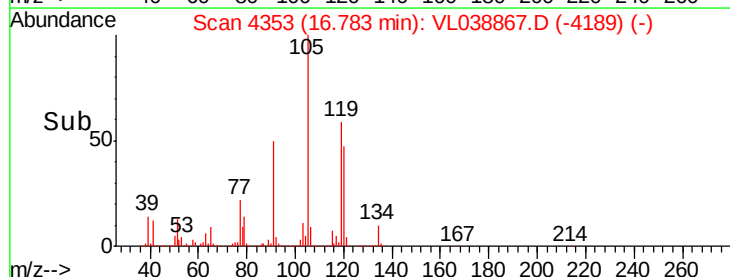
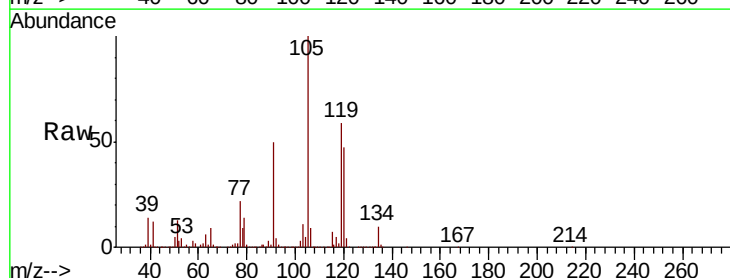
Ion Ratio Lower Upper

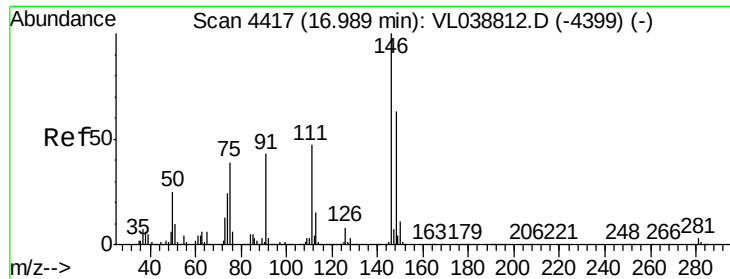
105 100

120 46.6 39.8 59.8

91 49.6 39.4 59.0

77 22.1 17.3 25.9



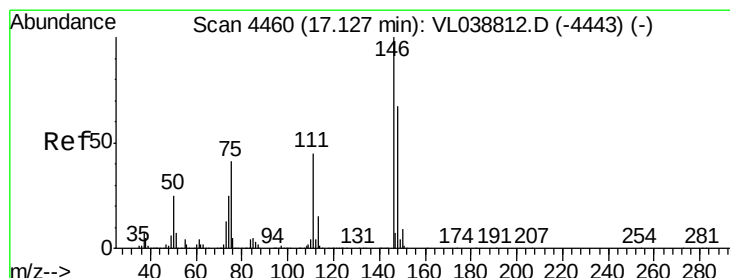
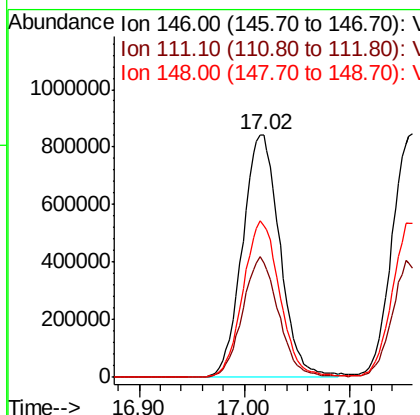
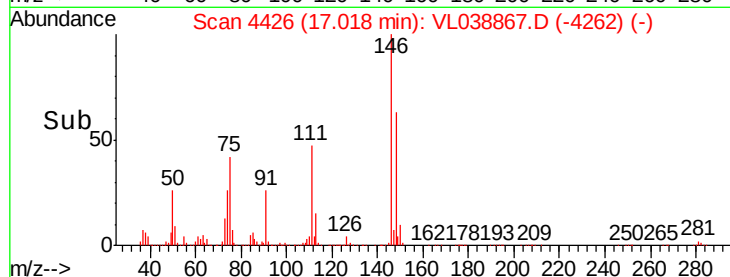
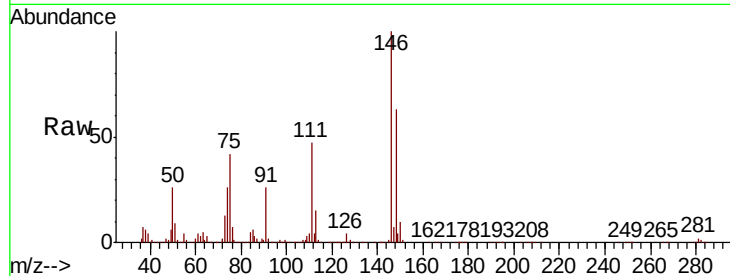


#75
 1,3-Dichlorobenzene
 Concen: 10.404 ppbv
 RT: 17.02
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:46

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 63.

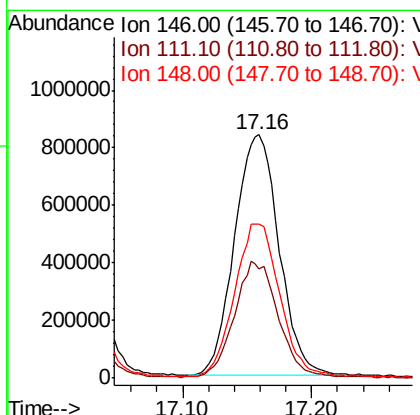
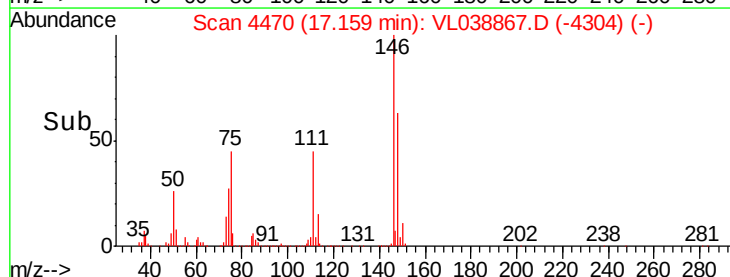
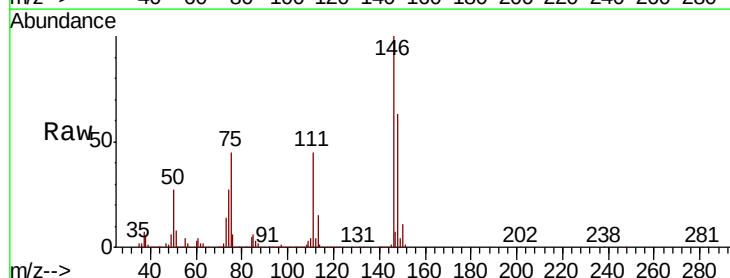
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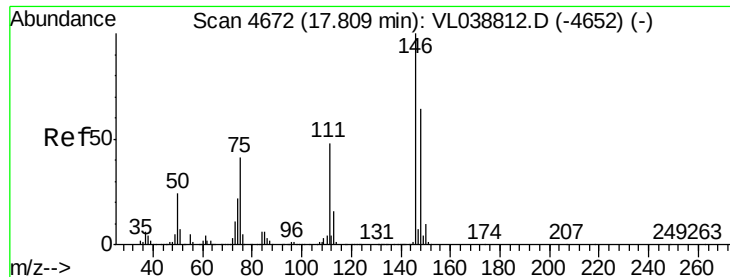
Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#76
 1,4-Dichlorobenzene
 Concen: 10.188 ppbv
 RT: 17.16 min Scan# 4470
 Delta R.T. 0.03 min
 Lab File: VL038867.D
 Acq: 8 Apr 2022 9:46

Tgt Ion:146 Resp: 2005033
 Ion Ratio Lower Upper
 146 100
 111 48.3 23.6 70.8
 148 66.4 33.6 100.6





#77

1,2-Dichlorobenzene

Concen: 10.236 ppbv

RT: 17.83

Delta R.T. MSVOA_L

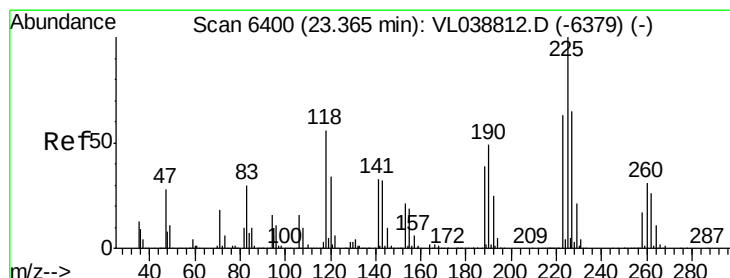
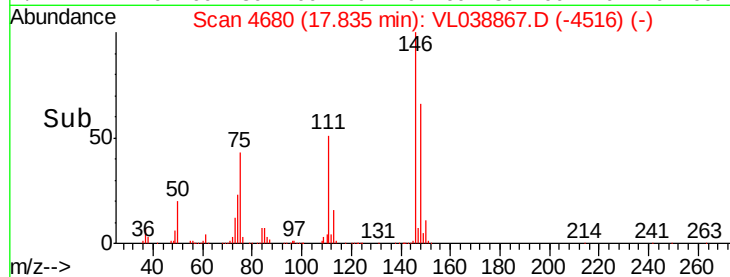
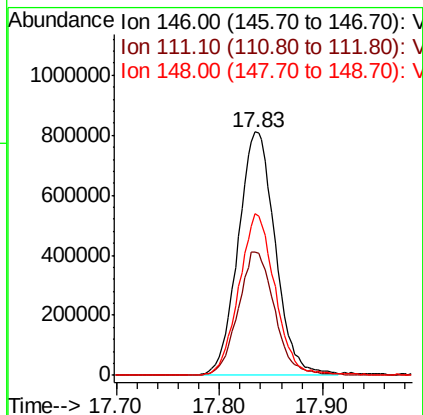
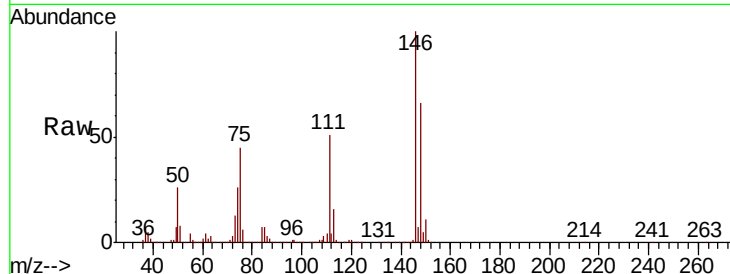
Lab File: ClientSampleId :

Acq: 8 Apr 2022 9:40

Tot Ion:1
Ion Rati
146 100
111 49.
148 65.

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Reviewed By :Semsettin Yesilyurt 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.147 ppbv

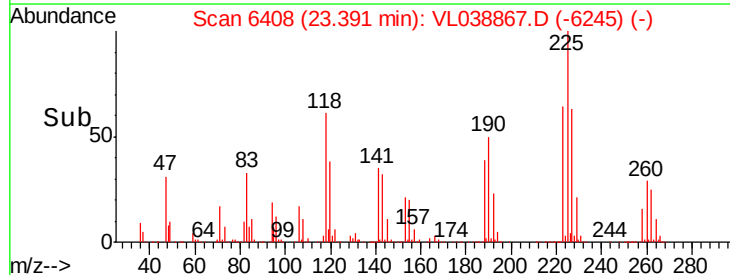
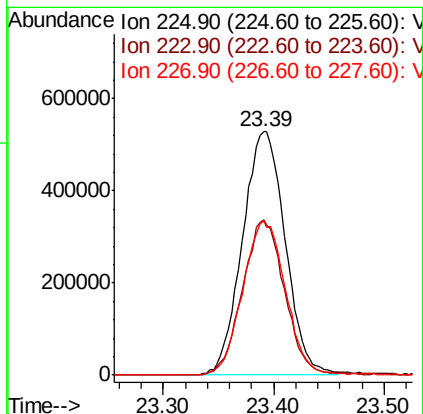
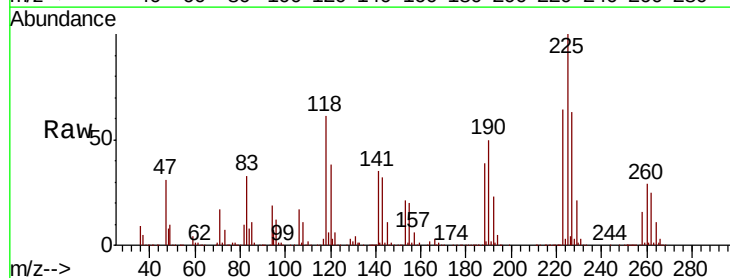
RT: 23.39 min Scan# 6408

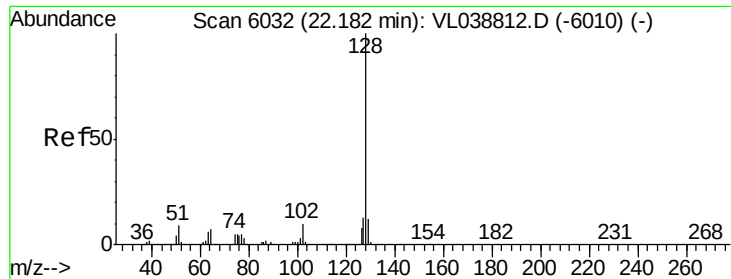
Delta R.T. 0.03 min

Lab File: VL038867.D

Acq: 8 Apr 2022 9:46

Tgt Ion:225 Resp: 1423280
Ion Ratio Lower Upper
225 100
223 62.8 51.6 77.4
227 63.9 52.3 78.5



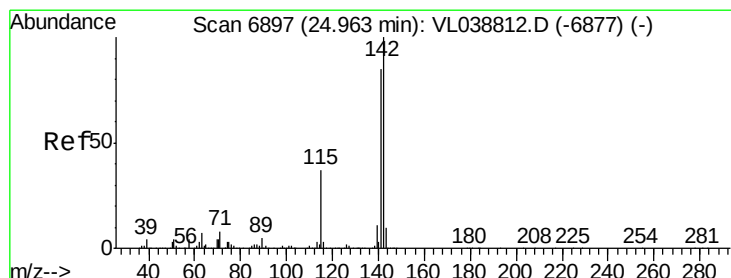
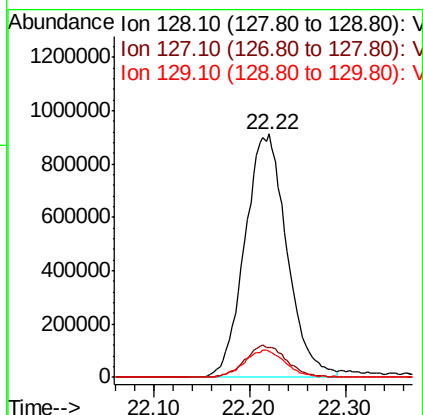
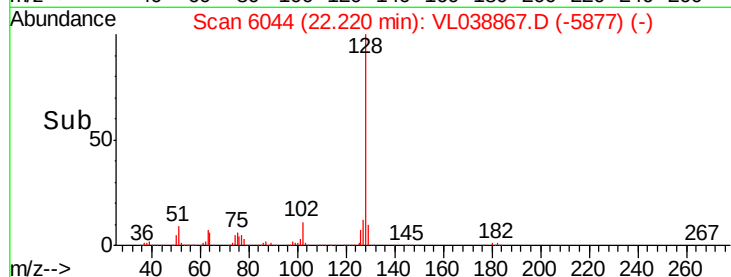
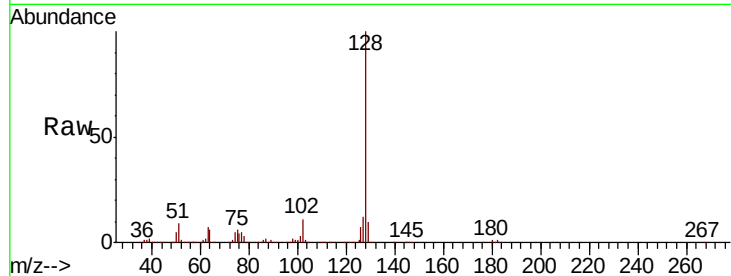


#79
Naphthalene
Concen: 10.812 ppbv m
RT: 22.22 min
Instrument: MSVOA_L
Delta R.T.: 0.02 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 8 Apr 2022 9:40

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

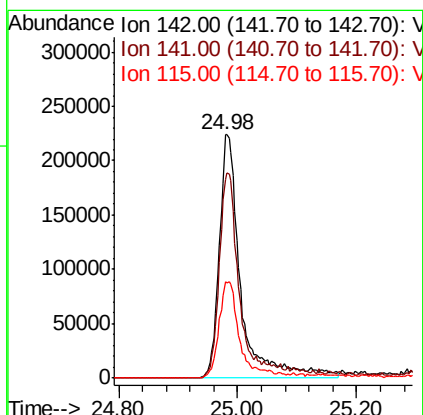
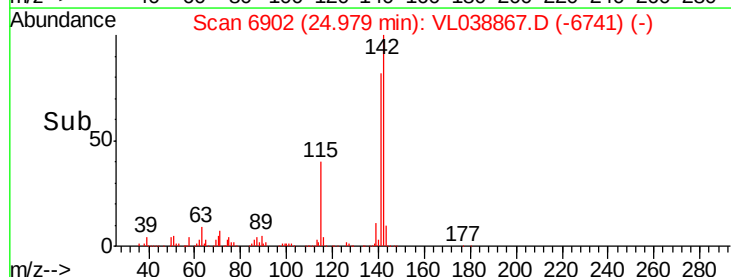
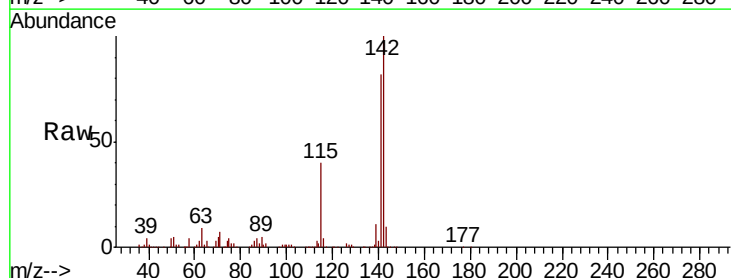
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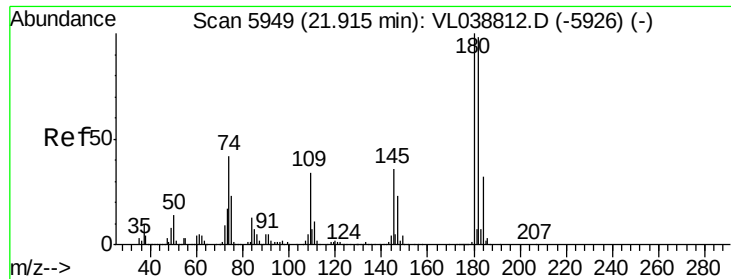
Reviewed By : Semsettin Yesilyurt 04/11/2022
Supervised By : Mahesh Dadoda 04/11/2022



#80
Naphthalene, 2-methyl-
Concen: 8.915 ppbv
RT: 24.98 min Scan# 6902
Delta R.T.: 0.02 min
Lab File: VL038867.D
Acq: 8 Apr 2022 9:46

Tgt Ion: 142 Resp: 565459
Ion Ratio Lower Upper
142 100
141 84.2 68.8 103.2
115 39.0 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.273 ppbv
 RT: 21.94
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 8 Apr 2022 9:40

Tot Ion:1
 Ion Rati
 180 100
 182 98.
 184 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

