

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038477.D
 Acq On : 2 Mar 2022 11:48
 Operator : SY/AP
 Sample : VL0302ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0302ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 03 11:52:23 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	948866	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2318206	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	2138399m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1811248	10.24	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1260945	8.390	ppbv 96
3) Chlorodifluoromethane	2.99	51	1587627	9.475	ppbv 99
4) Chloromethane	3.14	50	549891	9.445	ppbv 97
5) Vinyl Chloride	3.26	62	567837	9.330	ppbv 98
6) Bromomethane	3.47	94	294394	9.170	ppbv 99
7) Chloroethane	3.56	64	198154	10.137	ppbv 95
8) Dichlorotetrafluoroethane	3.19	85	1356966	9.707	ppbv 99
9) Propene	3.02	41	521664	9.430	ppbv 99
10) Heptane	8.12	43	1339820	9.949	ppbv 99
11) Trichlorofluoromethane	3.95	101	1398808	9.721	ppbv 96
12) 1,1,2-Trichlorotrifluoroet	4.49	101	991441	9.398	ppbv 99
13) Ethanol	3.62	45	39377	7.132	ppbv 97
14) Bromoethene	3.74	108	395764	9.417	ppbv 97
15) Acetone	3.85	43	678236	8.405	ppbv 99
16) 1,3-Butadiene	3.33	39	545318	10.117	ppbv 99
17) tert-Butyl alcohol	4.29	59	811605	10.082	ppbv 100
18) 1,1-Dichloroethene	4.29	96	443010	9.565	ppbv 98
19) Isopropyl Alcohol	3.96	45	426728	9.132	ppbv # 97
20) Methylene Chloride	4.35	84	354532	8.868	ppbv 96
21) Allyl Chloride	4.41	41	651457	9.559	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	462417	9.896	ppbv 93
23) Vinyl Acetate	5.07	43	1048100	9.801	ppbv 98
24) 1,1-Dichloroethane	5.01	63	902183	9.384	ppbv 99
25) Ethyl Acetate	5.67	43	2102900	9.700	ppbv 99
26) Hexane	5.69	57	965903	9.839	ppbv 97
27) Carbon Disulfide	4.55	76	1119265	10.249	ppbv 100
28) Methyl tert-Butyl Ether	5.03	73	964625	9.647	ppbv 100
29) Chloroform	5.75	83	1589453	9.920	ppbv 99
30) Cyclohexane	7.13	84	802165	9.991	ppbv 99
31) cis-1,2-Dichloroethene	5.55	61	965846	10.155	ppbv 98
32) 1,1,1-Trichloroethane	6.51	97	1580610	9.809	ppbv 99
34) 2-Butanone	5.25	43	726642	9.966	ppbv 100
35) Carbon Tetrachloride	7.01	117	1626876	9.980	ppbv 97
36) Benzene	6.89	78	1977785	9.691	ppbv 99
37) 1,2-Dichloroethane	6.31	62	1195730	10.139	ppbv 100
38) Trichloroethene	7.83	130	707434	9.517	ppbv 97
39) 1,2-Dichloropropane	7.61	63	787773	9.691	ppbv 99
40) 1,4-Dioxane	7.84	88	188938m	9.799	ppbv
41) Tetrahydrofuran	6.05	42	495360	10.056	ppbv 99
42) Bromodichloromethane	7.79	83	1694905	9.953	ppbv 98
43) Methyl Methacrylate	8.01	69	735650	10.369	ppbv 99

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

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3395775	9.681	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	604970	10.670	ppbv	98
46) cis-1,3-Dichloropropene	8.70	75	768400	10.340	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	775996	9.595	ppbv	97
48) Dibromochloromethane	10.30	129	1304584	9.866	ppbv	100
49) Bromoform	13.04	173	864726	8.859	ppbv	100
50) 4-Methyl-2-Pentanone	8.74	43	1363498	10.578	ppbv	100
51) 2-Hexanone	10.13	43	605584	10.493	ppbv #	98
52) Tetrachloroethene	11.22	164	600671	8.866	ppbv	98
53) Toluene	9.80	91	2178250	9.830	ppbv	100
54) 1,2-Dibromoethane	10.60	107	1110734	9.757	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	845212	9.483	ppbv	99
57) Chlorobenzene	12.14	112	1461723	8.860	ppbv	97
58) Ethyl Benzene	12.71	91	2787287	9.532	ppbv	99
59) m/p-Xylene	12.99	91	4646849m	18.504	ppbv	
60) o-Xylene	13.69	91	2172297	9.151	ppbv	100
61) Styrene	13.52	104	1047407	9.566	ppbv	98
62) Isopropylbenzene	14.66	105	2838405	8.908	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	1451129	7.523	ppbv	100
64) n-propylbenzene	15.55	120	673991	8.544	ppbv	90
65) tert-Butylbenzene	16.74	119	2292410	8.306	ppbv	99
66) Benzyl Chloride	16.98	91	113823m	7.633	ppbv	
67) sec-Butylbenzene	17.29	105	3201056	8.186	ppbv	98
69) p-Isopropyltoluene	17.64	119	2539707	8.269	ppbv	99
70) n-Butylbenzene	18.55	91	2711515	8.531	ppbv	99
71) 2-Chlorotoluene	15.45	91	2061672	8.415	ppbv	100
72) 4-Ethyltoluene	15.83	105	2257442	8.631	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	2038319	8.581	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	2102185	8.382	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	1113878	7.930	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	1068479	7.714	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	1052971	7.788	ppbv	100
78) Hexachloro-1,3-Butadiene	23.37	225	840964	8.155	ppbv	99
79) Naphthalene	22.19	128	1577107m	11.606	ppbv	
80) Naphthalene, 2-methyl-	24.96	142	229031	8.625	ppbv	98
81) 1,2,4-Trichlorobenzene	21.92	180	853109	10.384	ppbv	99

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

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Quant Time: Mar 03 11:52:23 2022

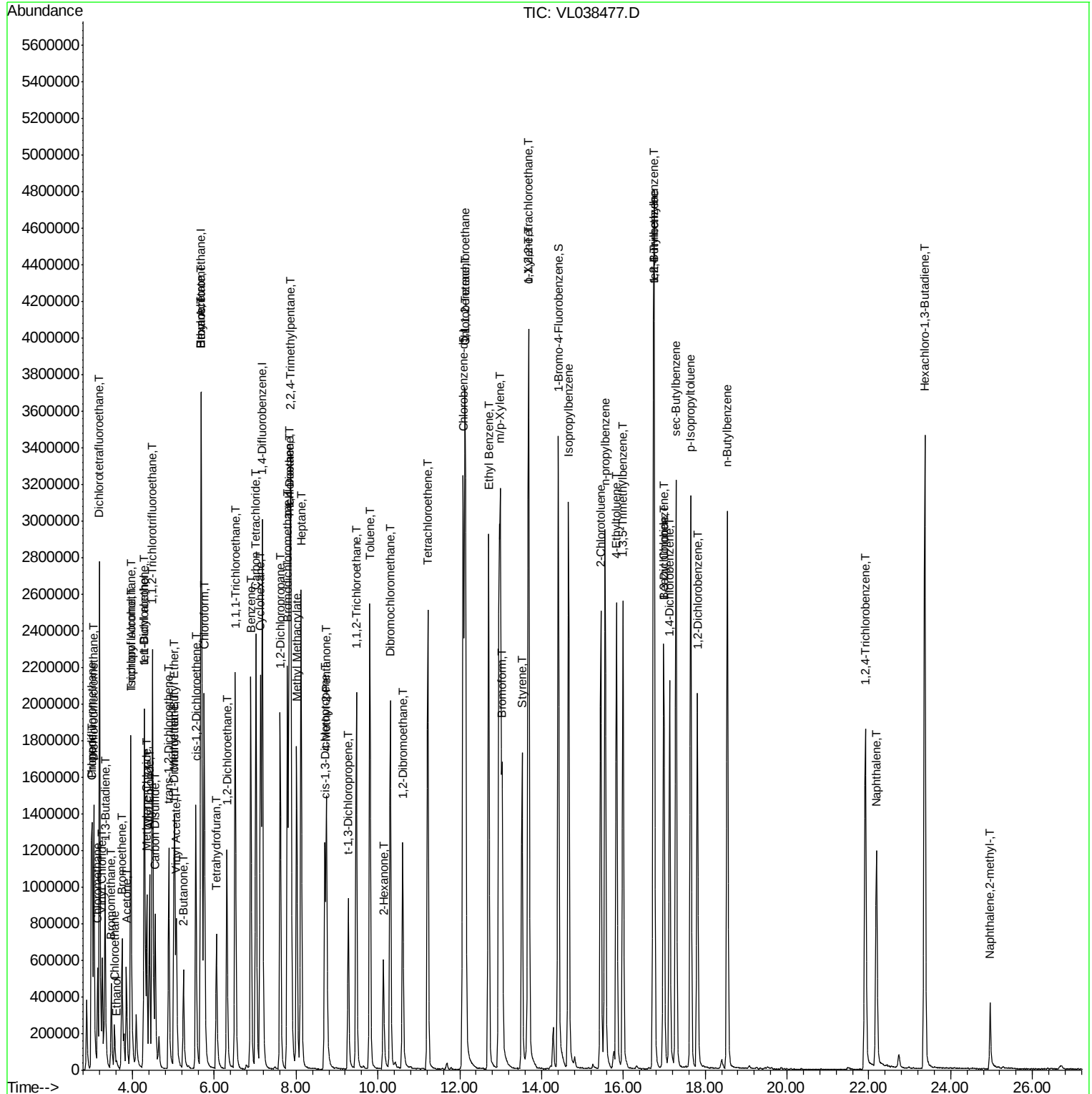
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222

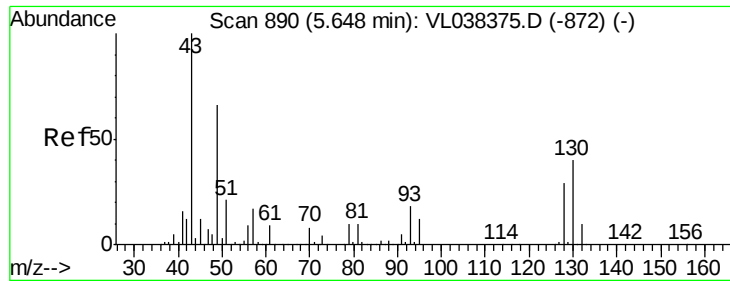
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Tue Feb 22 19:45:51 2022

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Supervised By :Mahesh Dadoda 03/07/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 11:48 VL0302ABS01

Tot Ion:

Ion Ratio

49 100

128 48.

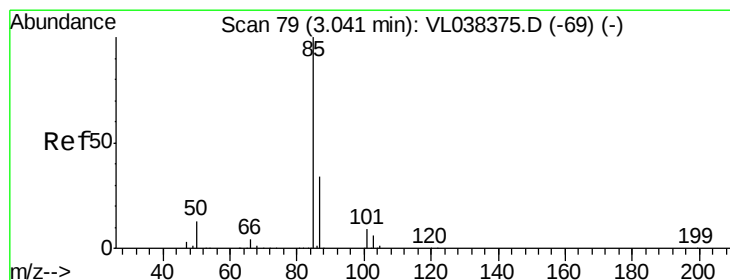
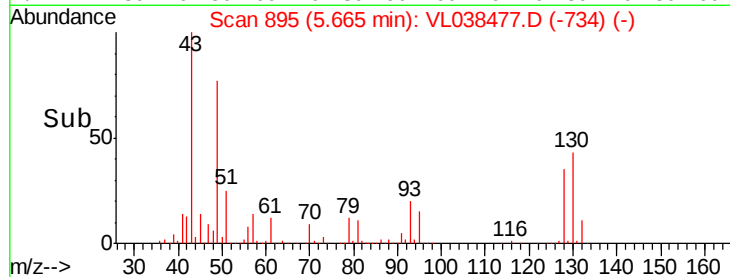
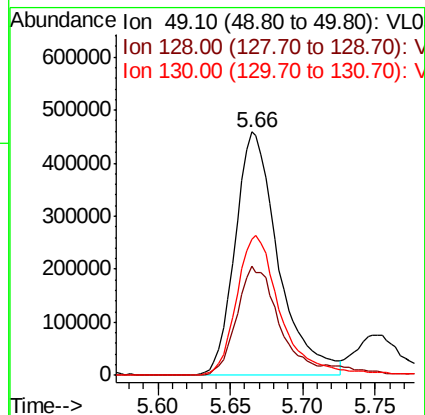
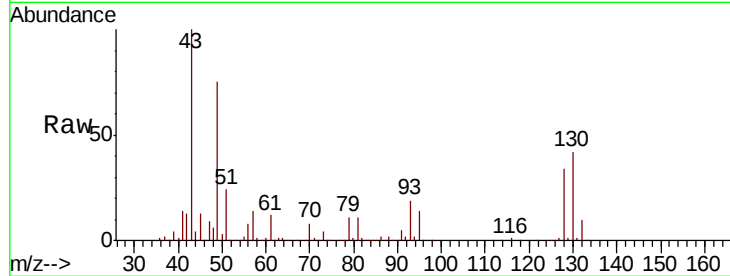
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#2

Dichlorodifluoromethane

Concen: 8.390 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL038477.D

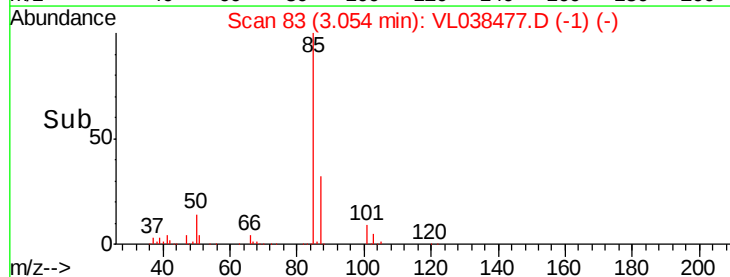
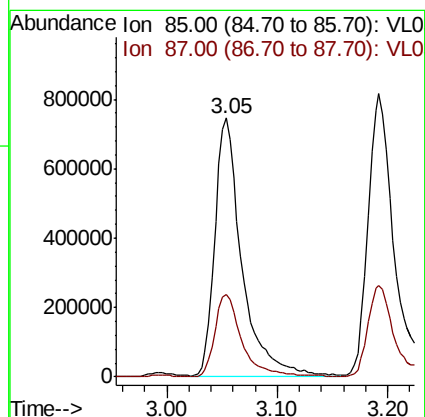
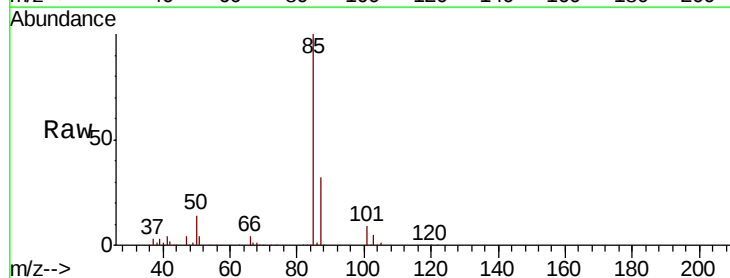
Acq: 2 Mar 2022 11:48

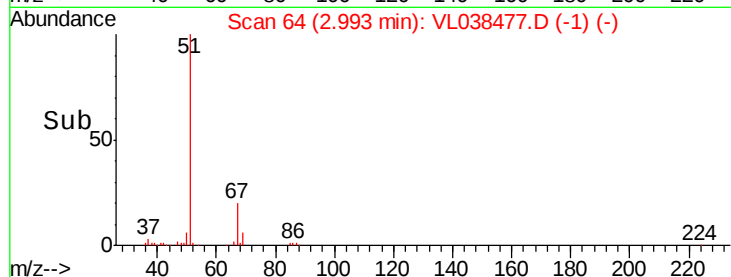
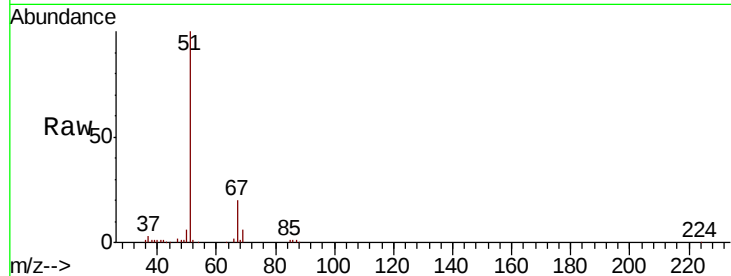
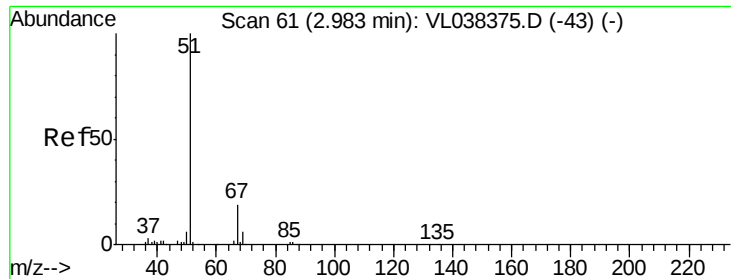
Tgt Ion: 85 Resp: 1260945

Ion Ratio Lower Upper

85 100

87 31.8 27.4 41.0



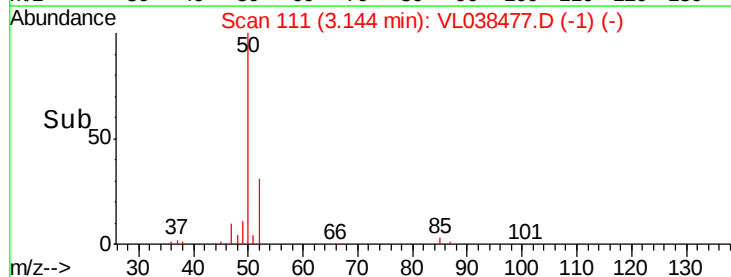
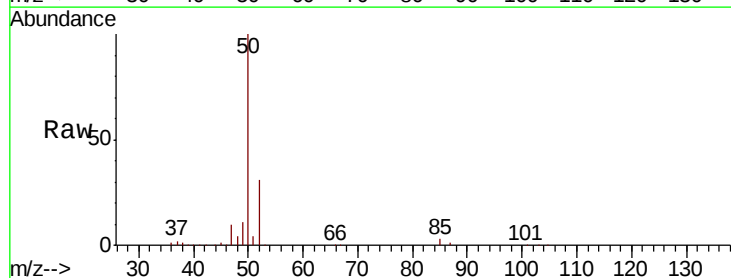
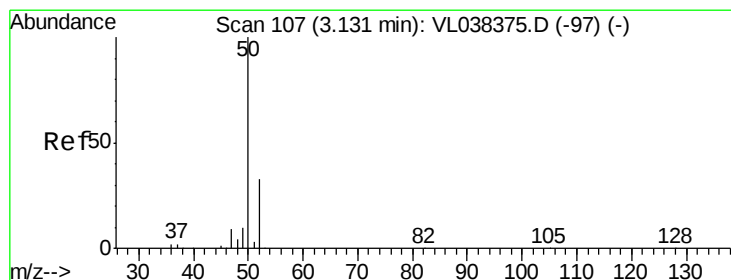
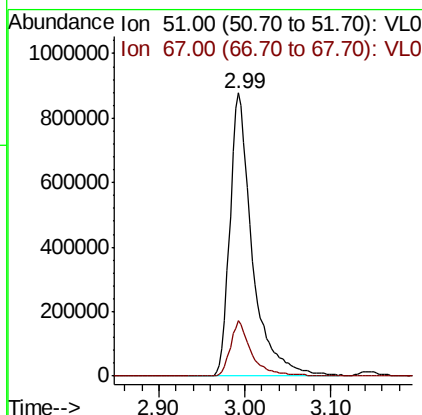


#3
Chlorodifluoromethane
Concen: 9.475 ppbv
RT: 2.99
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Rati
51 100
67 18.

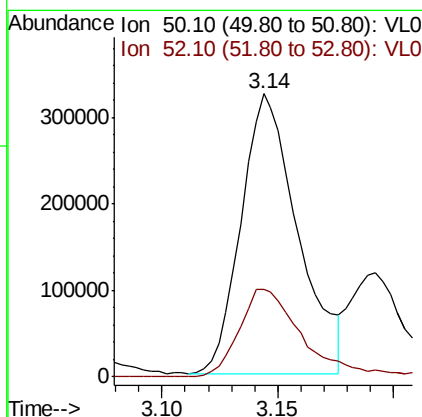
Manual Integrations
APPROVED

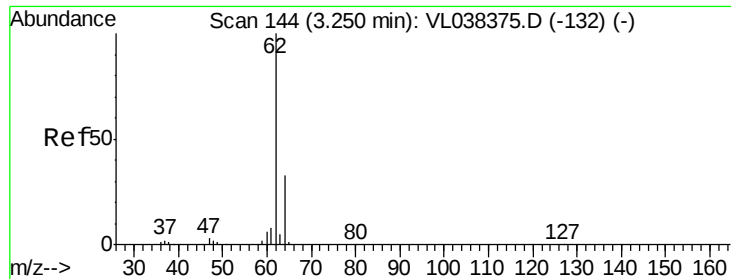
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#4
Chloromethane
Concen: 9.445 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.01 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 50 Resp: 549891
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7





#5

Vinyl Chloride

Concen: 9.330 ppbv

RT: 3.26

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48

Tot Ion:

Ion Ratio

62 100

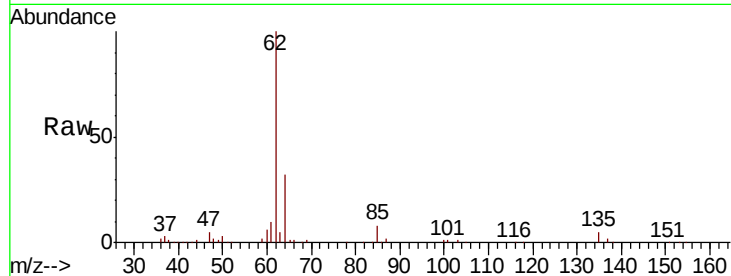
64 31.

Manual Integrations

APPROVED

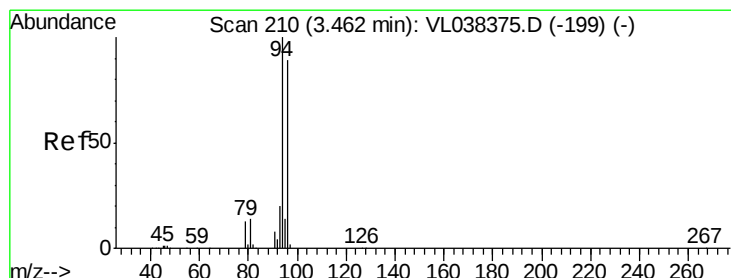
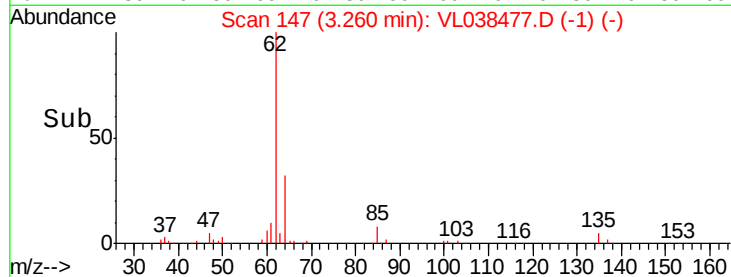
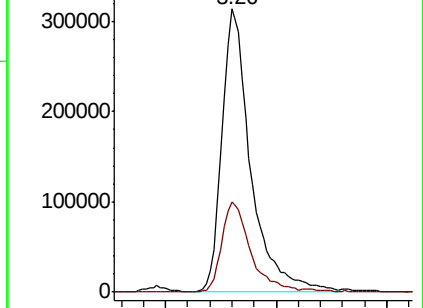
Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.170 ppbv

RT: 3.47 min Scan# 214

Delta R.T. 0.01 min

Lab File: VL038477.D

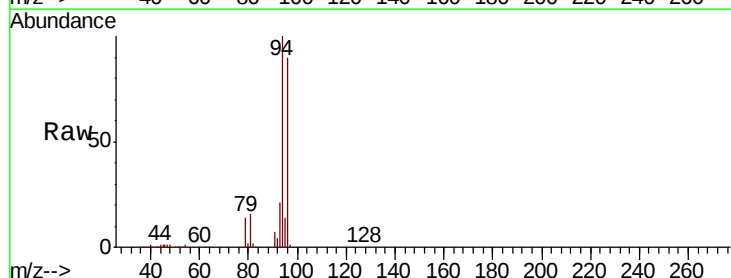
Acq: 2 Mar 2022 11:48

Tgt Ion: 94 Resp: 294394

Ion Ratio Lower Upper

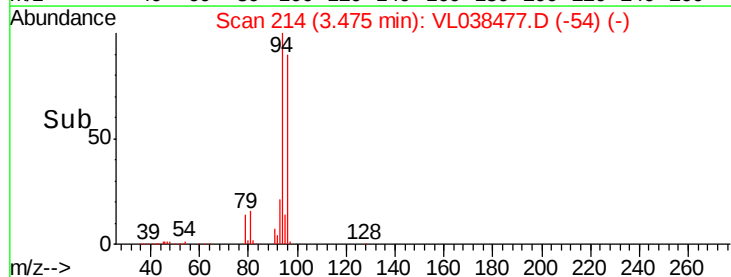
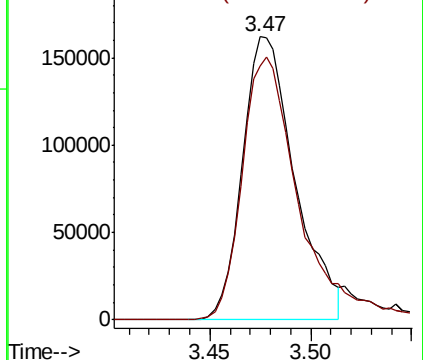
94 100

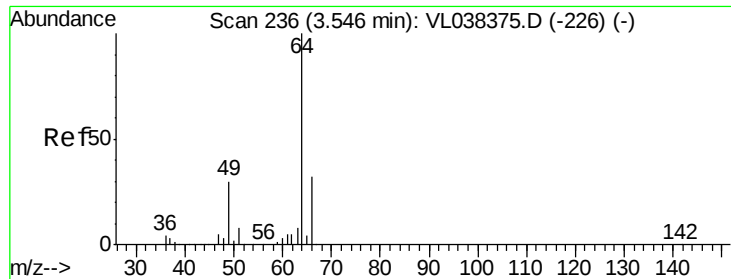
96 89.8 71.0 106.6



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.137 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 11:48 VL0302ABS01

Tot Ion:

Ion Ratio

64 100

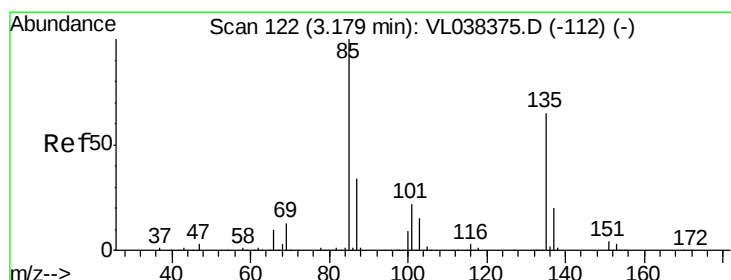
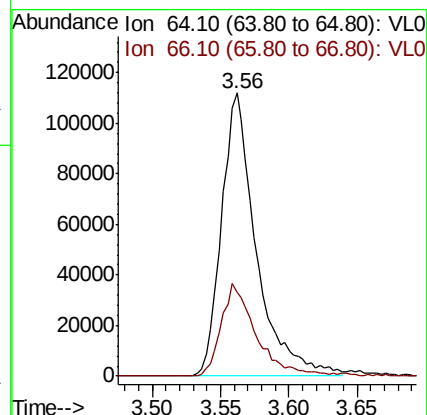
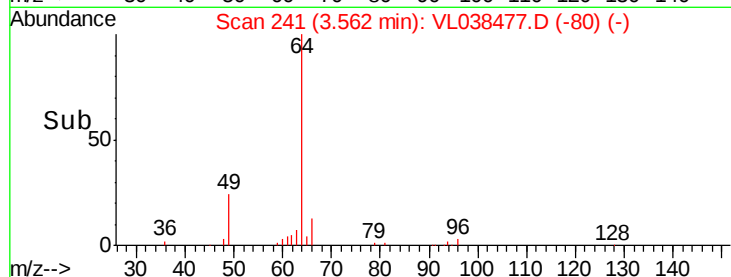
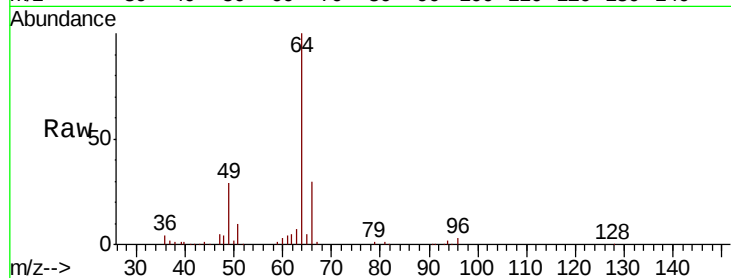
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#8

Dichlorotetrafluoroethane

Concen: 9.707 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL038477.D

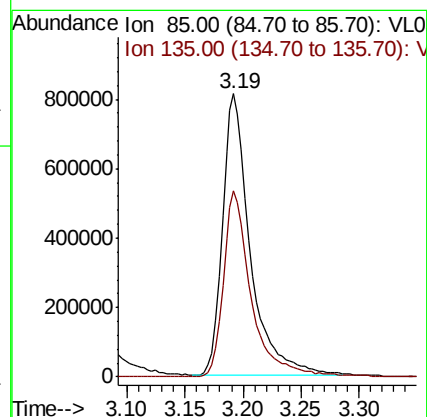
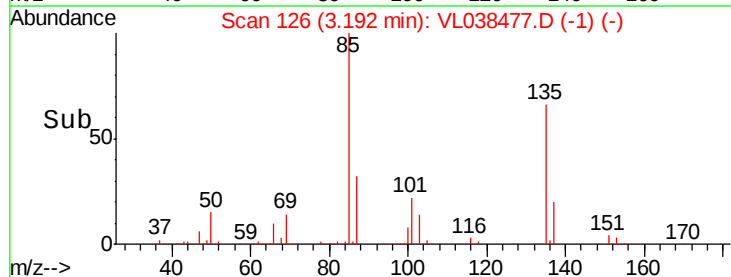
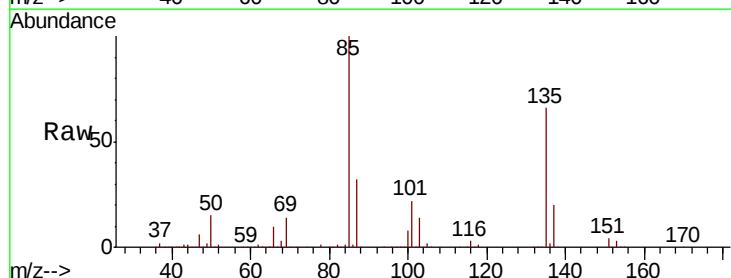
Acq: 2 Mar 2022 11:48

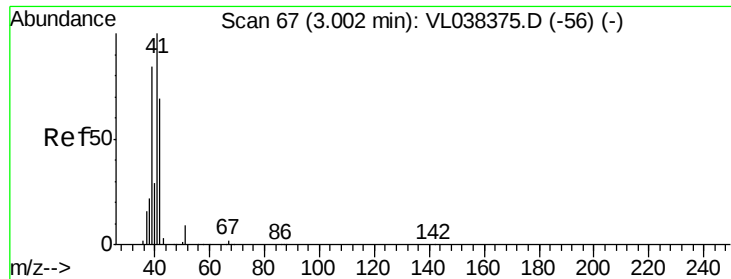
Tgt Ion: 85 Resp: 1356966

Ion Ratio Lower Upper

85 100

135 66.8 54.1 81.1



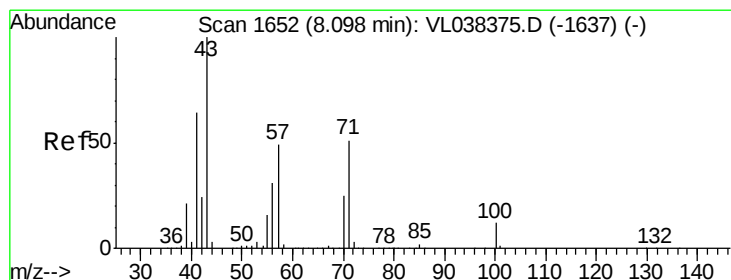
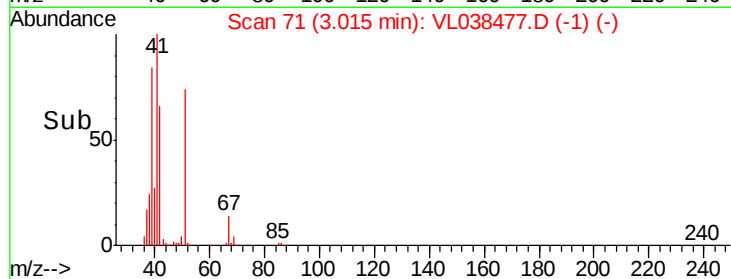
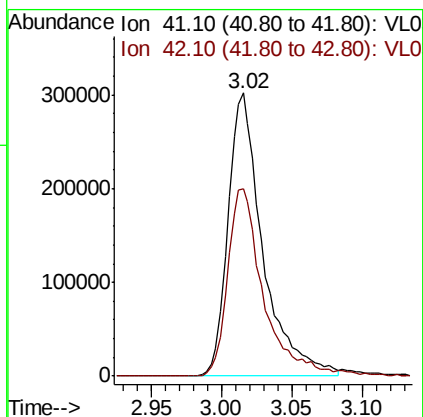
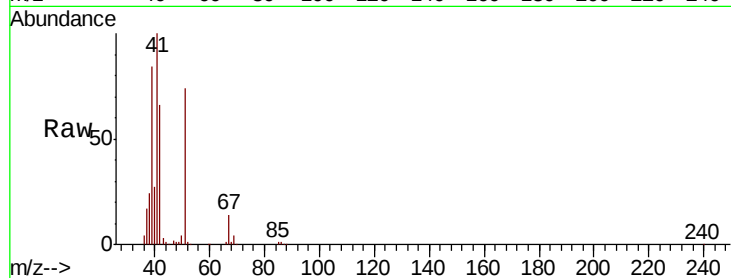


#9
 Propene
 Concen: 9.430 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion:
 Ion Ratio
 41 100
 42 69.

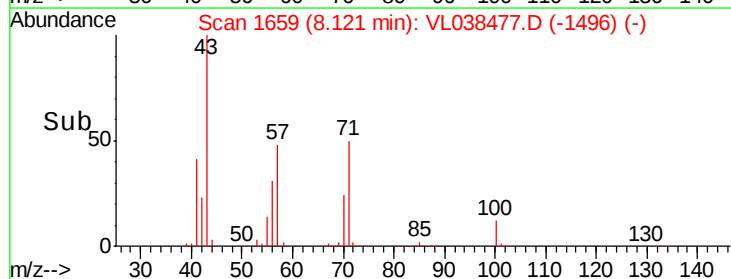
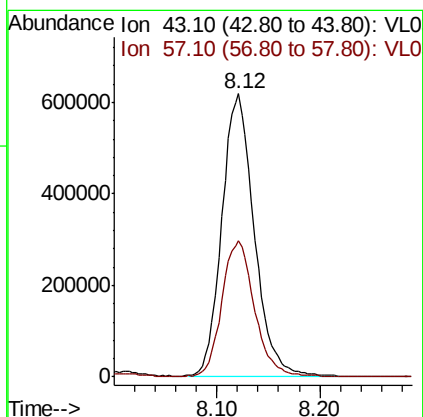
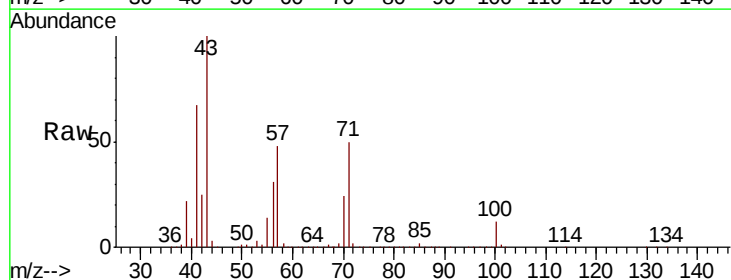
Manual Integrations
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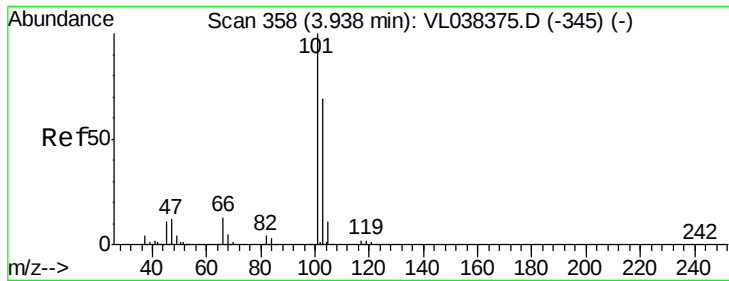
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#10
 Heptane
 Concen: 9.949 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 43 Resp: 1339820
 Ion Ratio Lower Upper
 43 100
 57 49.0 39.8 59.8



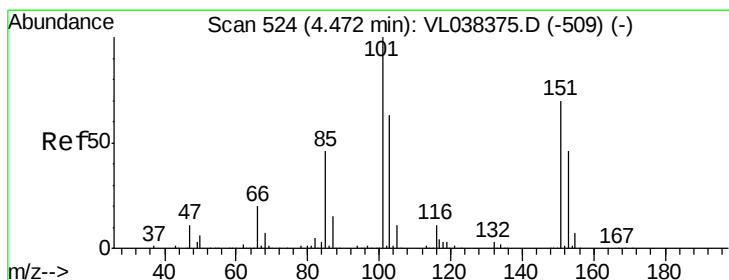
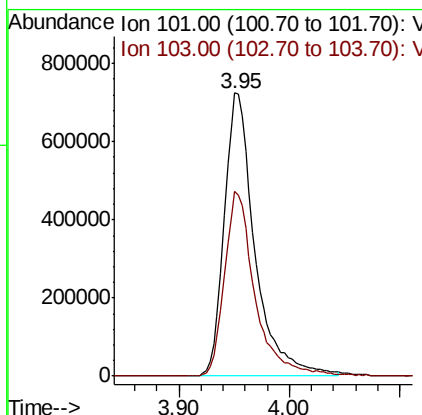
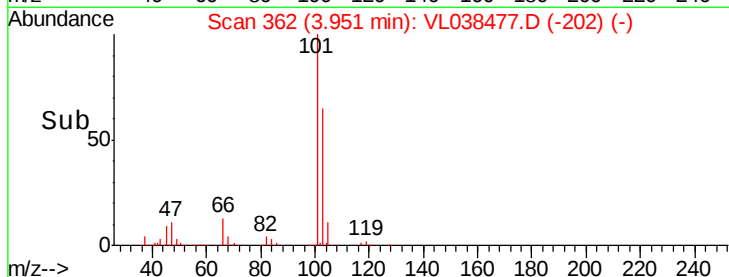
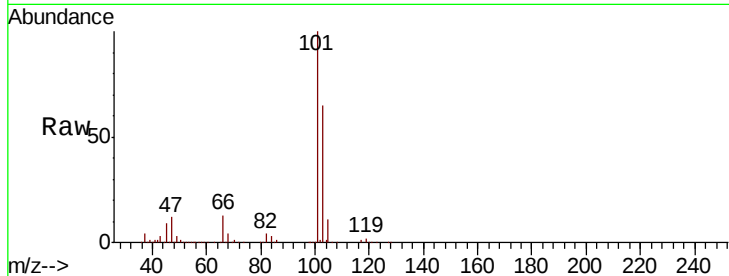


#11
 Trichlorofluoromethane
 Concen: 9.721 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion:1
 Ion Rati
 101 100
 103 65.

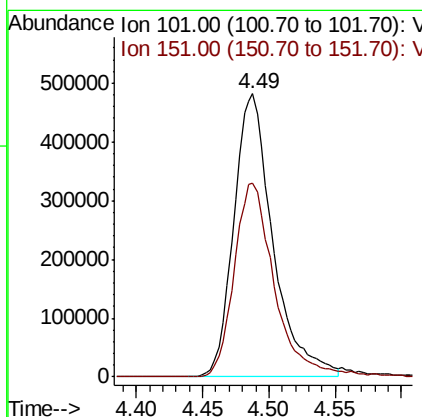
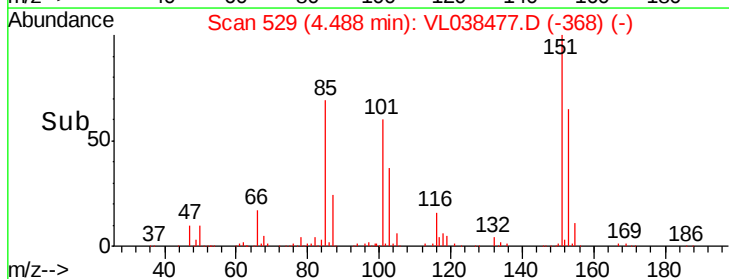
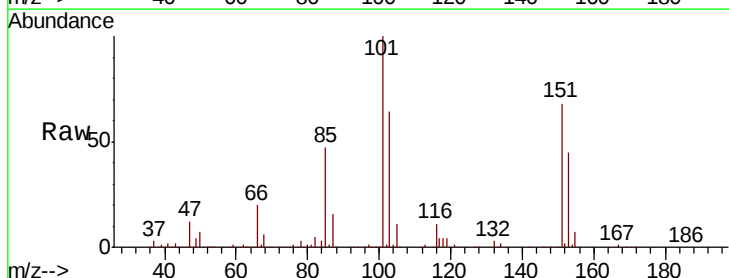
Manual Integrations
 APPROVED

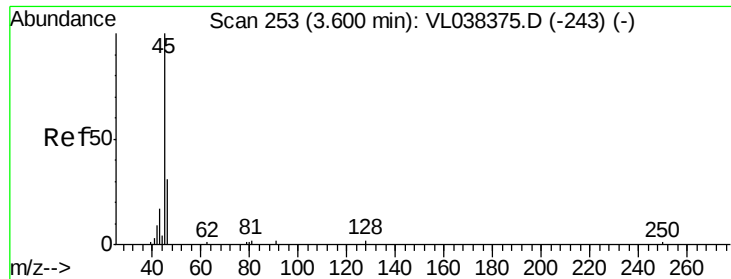
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.398 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion:101 Resp: 991441
 Ion Ratio Lower Upper
 101 100
 151 71.0 55.9 83.9



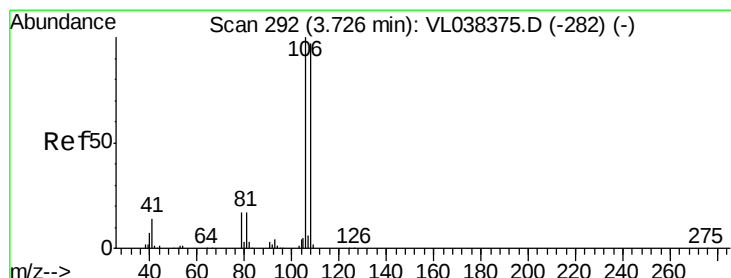
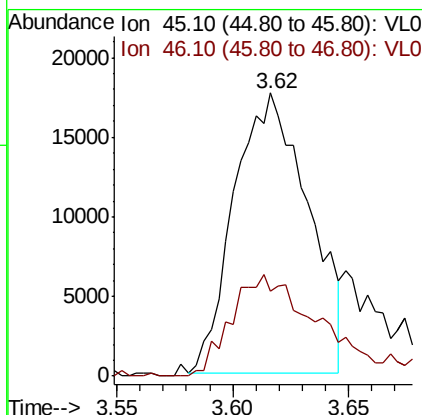
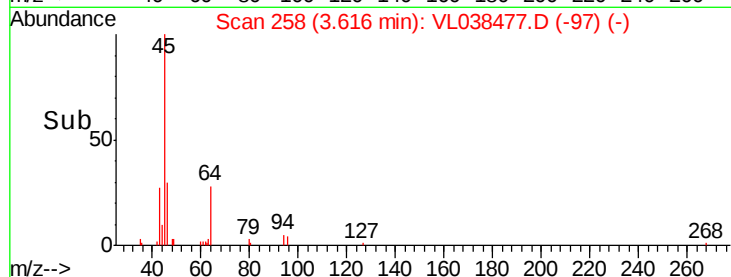
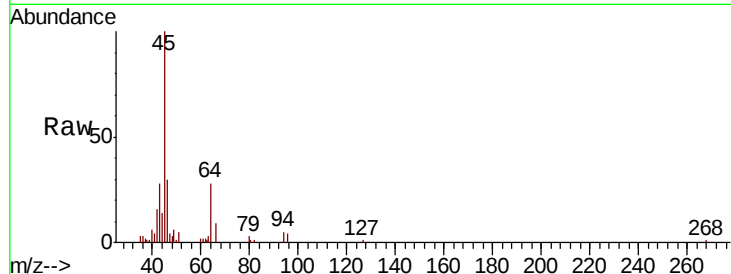


#13
Ethanol
Concen: 7.132 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
45 100
46 47.

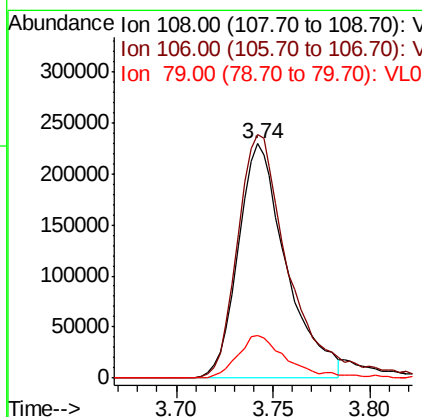
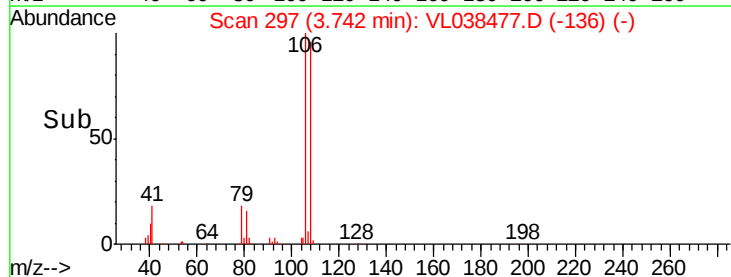
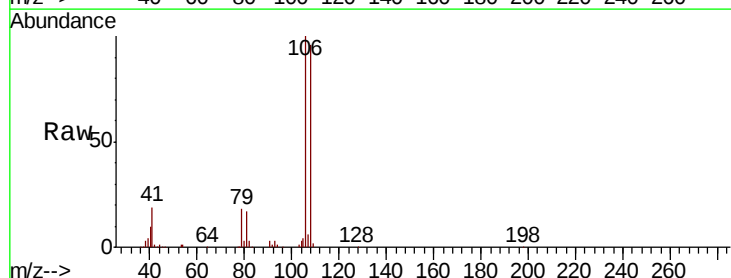
Manual Integrations
APPROVED

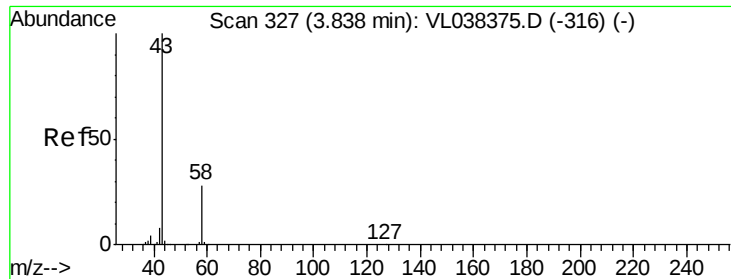
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Bromoethene
Concen: 9.417 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion:108 Resp: 395764
Ion Ratio Lower Upper
108 100
106 113.9 88.4 132.6
79 19.5 15.0 22.6



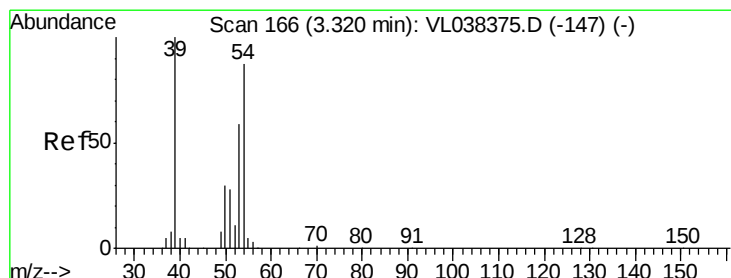
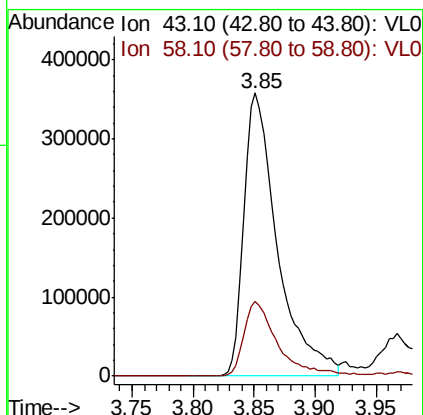
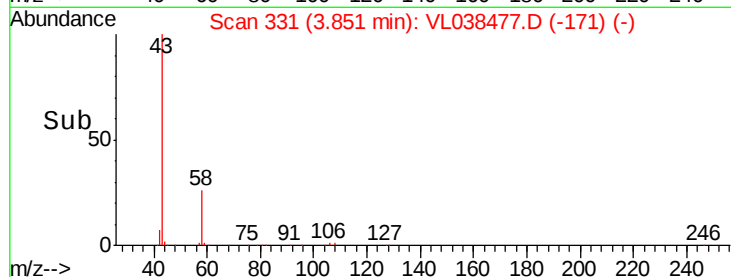
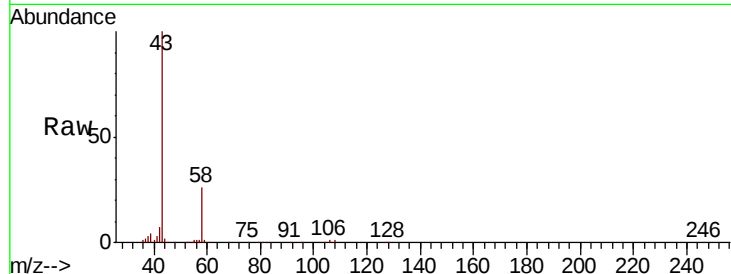


#15
Acetone
Concen: 8.405 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Rati
43 100
58 26.

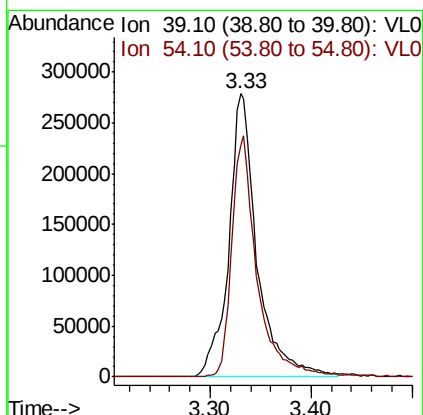
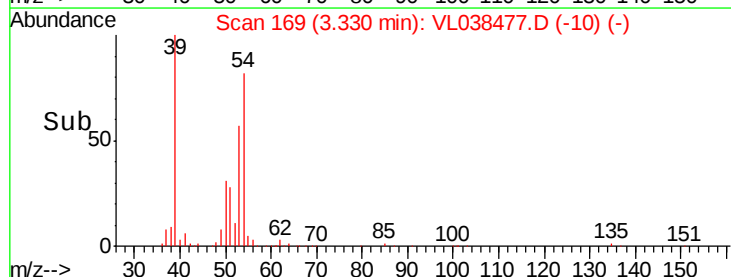
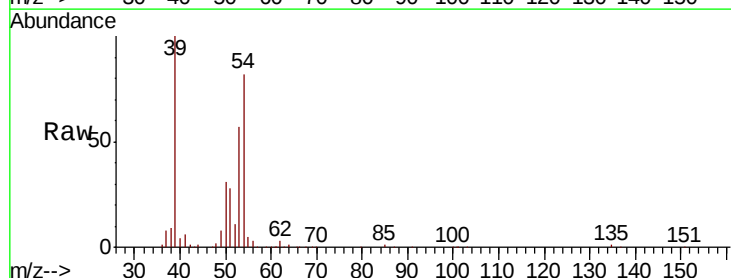
Manual Integrations
APPROVED

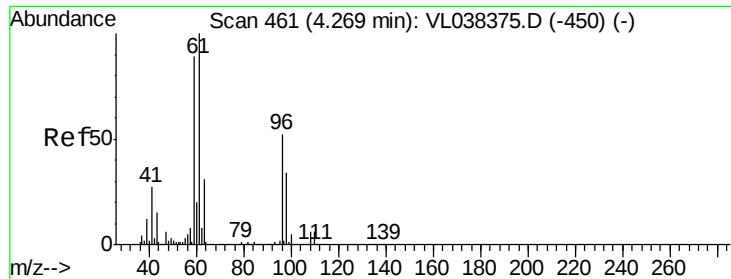
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#16
1,3-Butadiene
Concen: 10.117 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 39 Resp: 545318
Ion Ratio Lower Upper
39 100
54 76.6 60.3 90.5



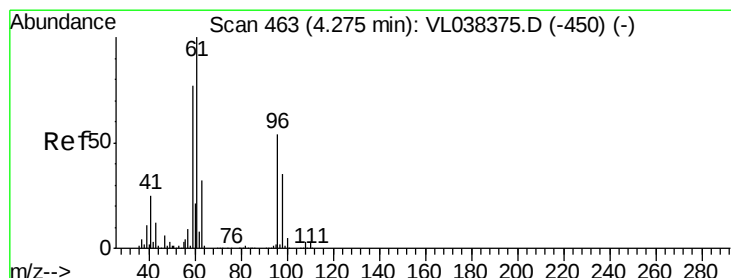
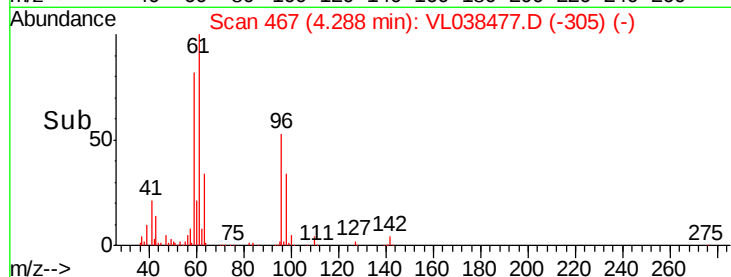
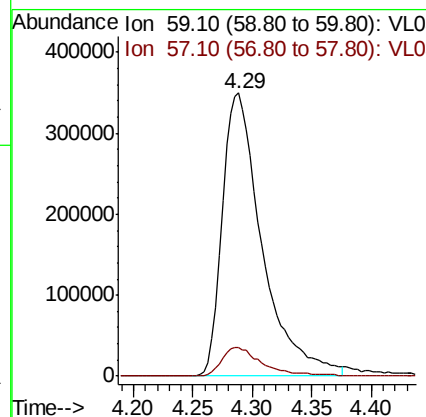
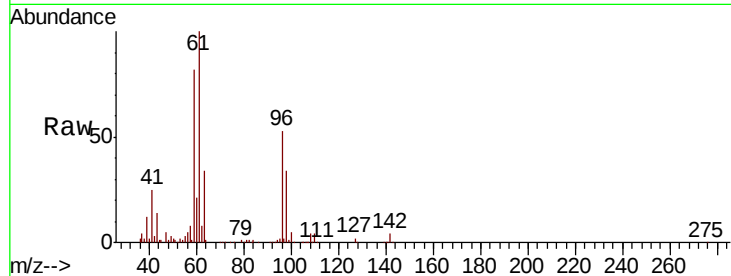


#17
tert-Butyl alcohol
Concen: 10.082 ppbv
RT: 4.29 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
59 100
57 10.

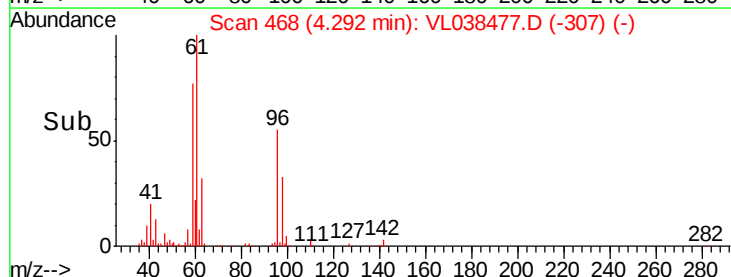
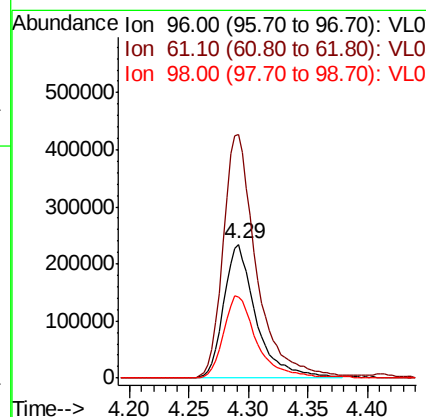
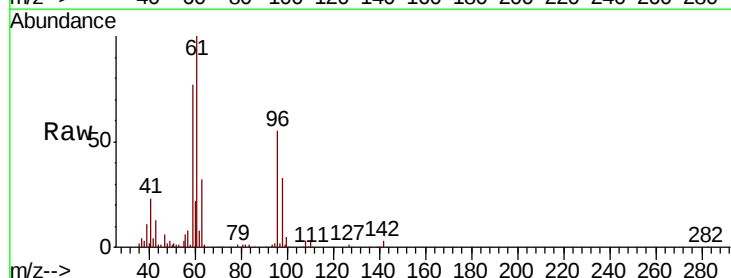
Manual Integrations
APPROVED

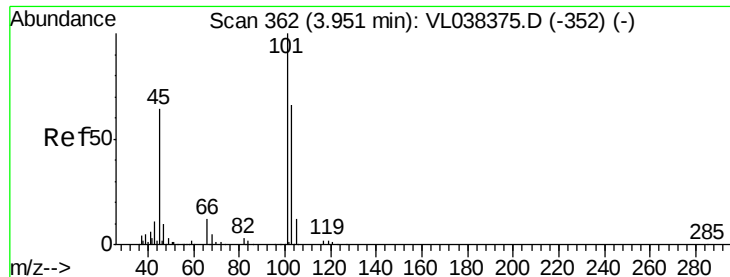
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
1,1-Dichloroethene
Concen: 9.565 ppbv
RT: 4.29 min Scan# 468
Delta R.T.: 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 96 Resp: 443010
Ion Ratio Lower Upper
96 100
61 181.8 146.8 220.2
98 60.3 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.132 ppbv

RT: 3.96 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48 VL0302ABS01

Tot Ion:

Ion Ratio

45 100

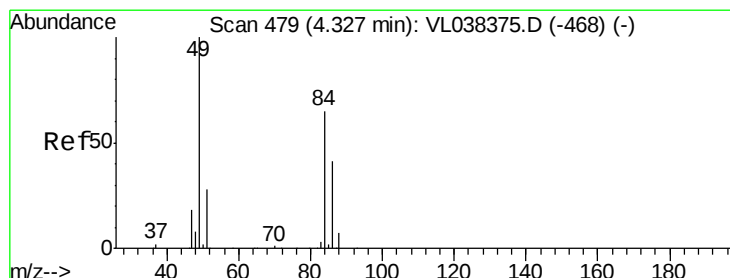
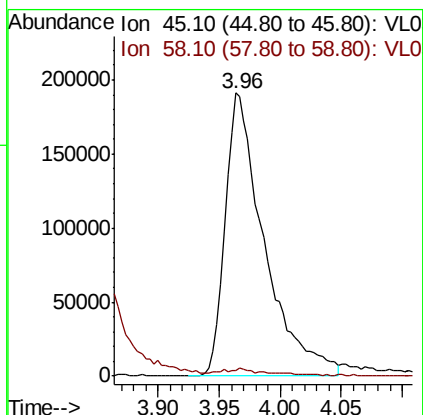
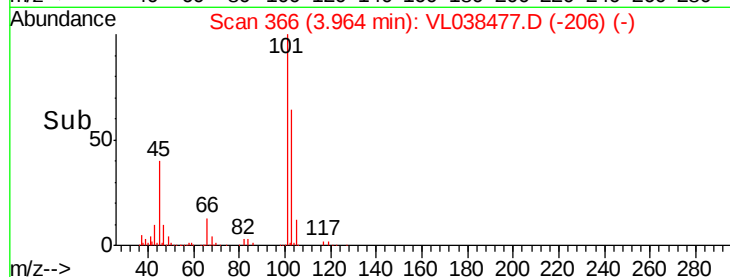
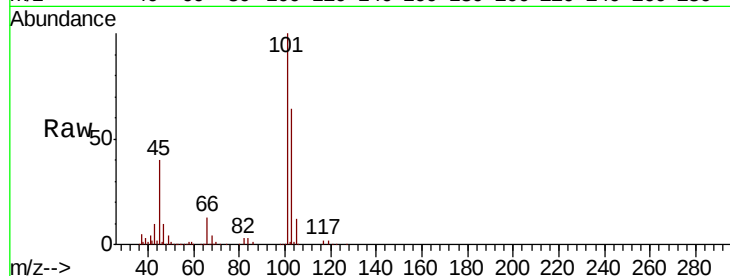
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#20

Methylene Chloride

Concen: 8.868 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

Tgt Ion: 84 Resp: 354532

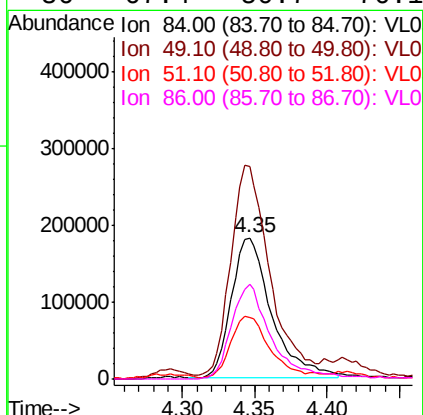
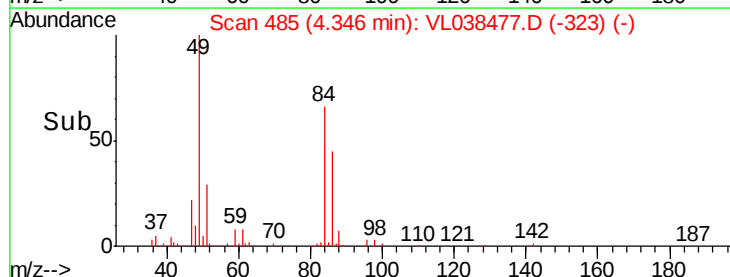
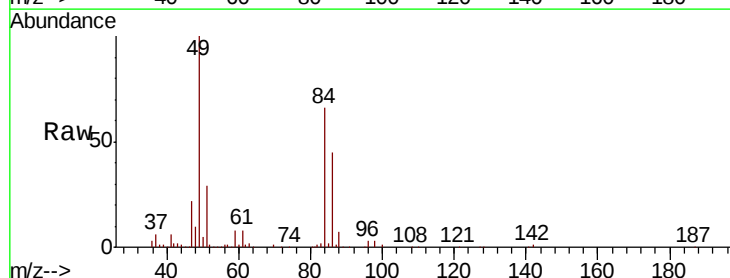
Ion Ratio Lower Upper

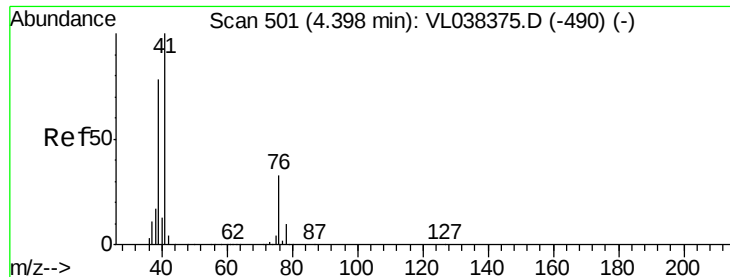
84 100

49 147.6 122.4 183.6

51 41.6 33.3 49.9

86 67.4 50.7 76.1



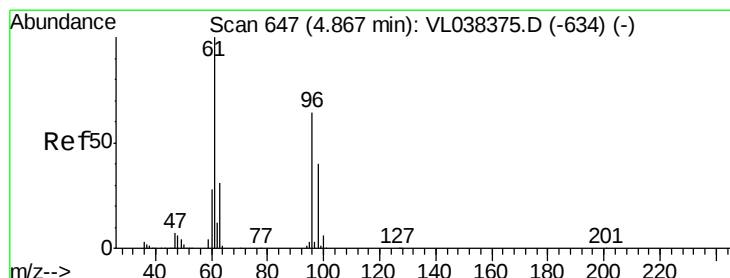
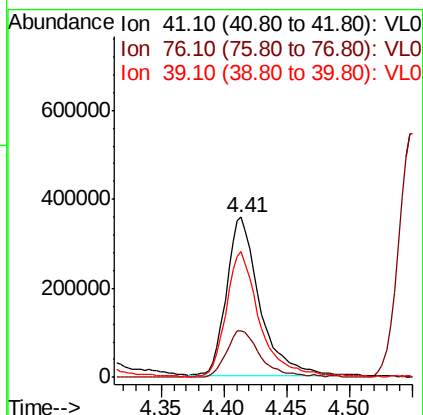
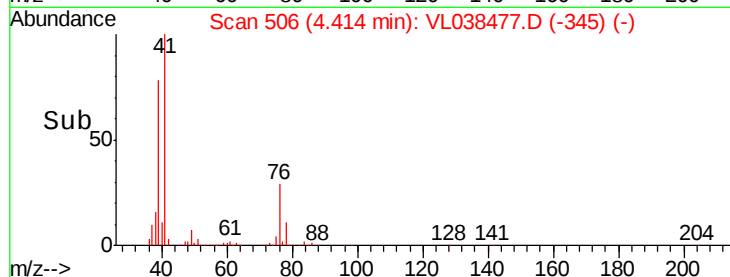
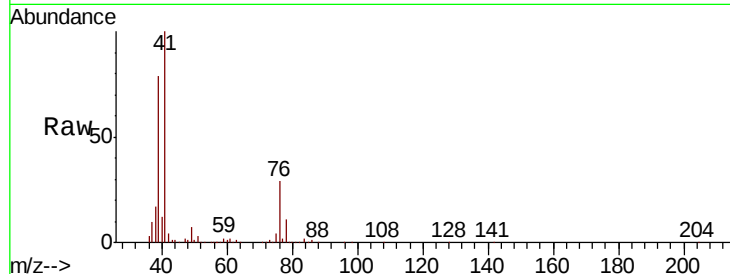


#21
Allvl Chloride
Concen: 9.559 ppbv
RT: 4.41 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId : VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
41 100
76 31.
39 79.

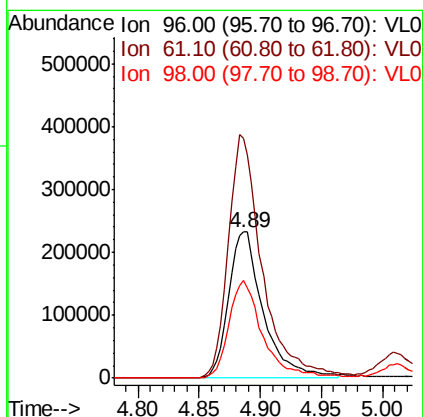
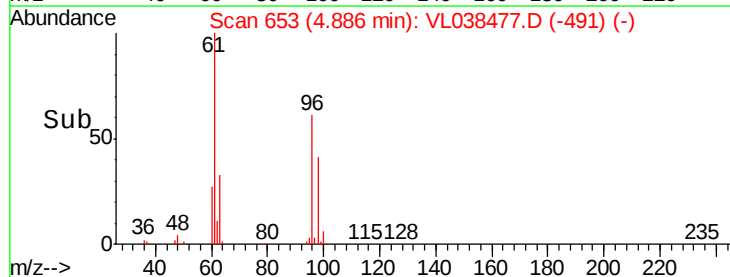
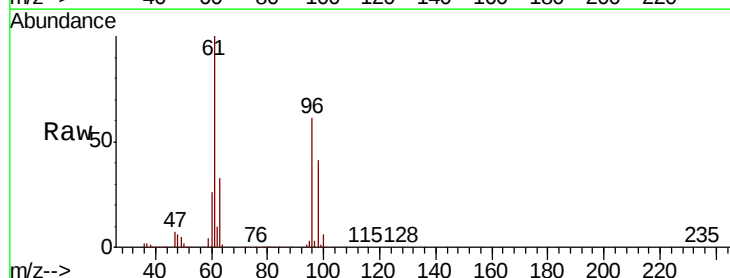
Manual Integrations
APPROVED

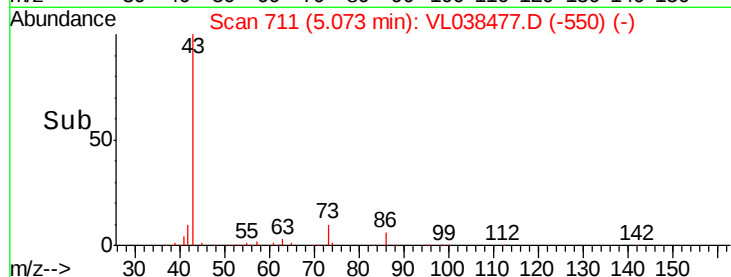
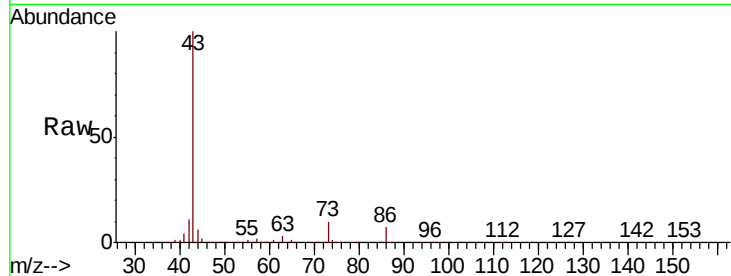
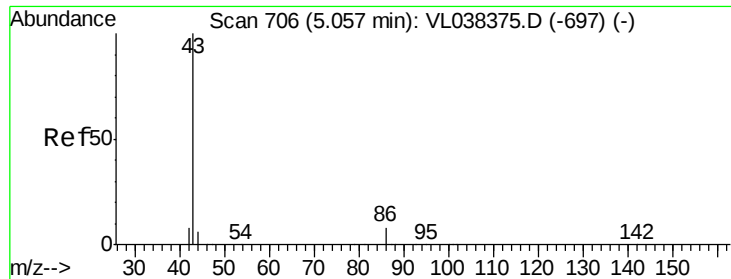
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
trans-1,2-Dichloroethene
Concen: 9.896 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 96 Resp: 462417
Ion Ratio Lower Upper
96 100
61 164.0 124.2 186.4
98 66.5 49.1 73.7



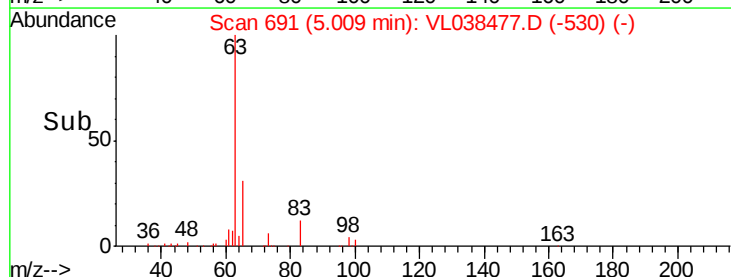
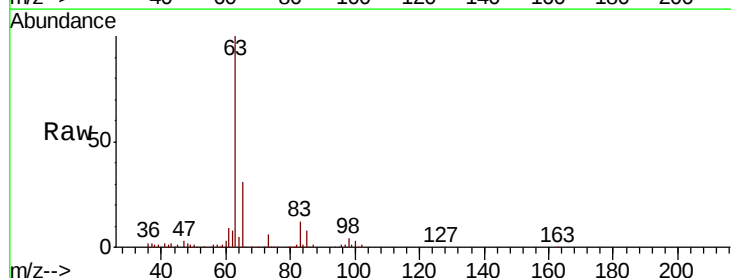
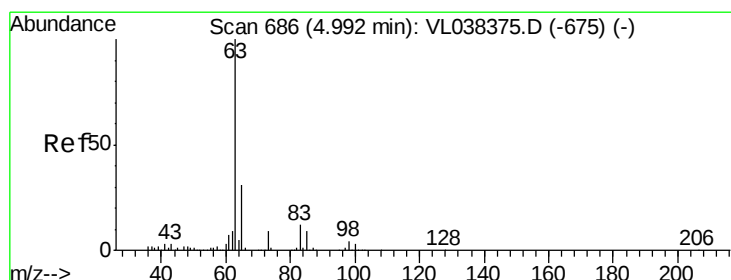
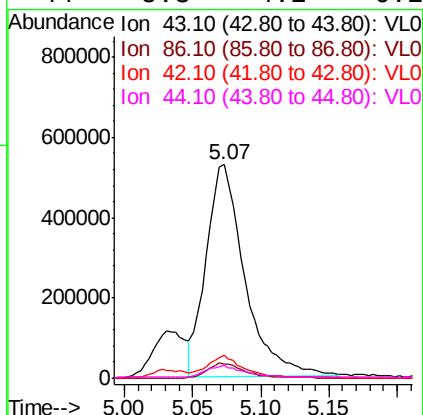


#23
 Vinyl Acetate
 Concen: 9.801 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 10.
 44 5.3 4.2 6.2

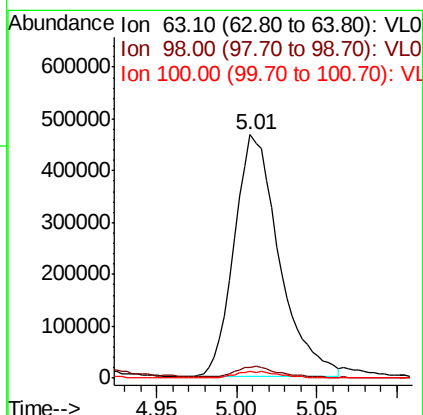
Manual Integrations
 APPROVED

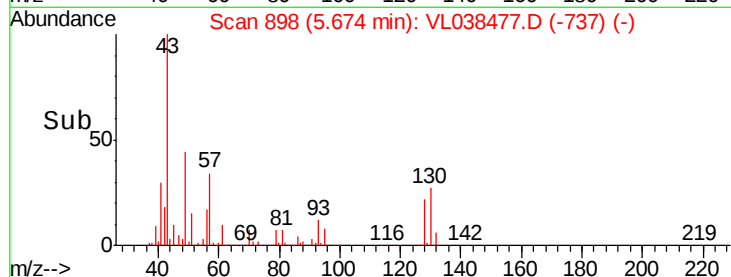
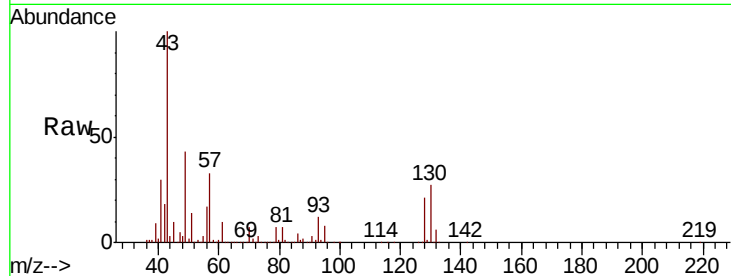
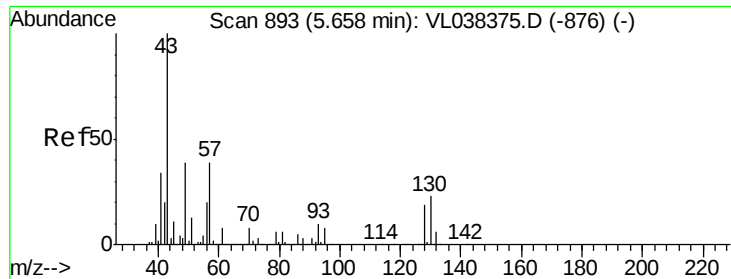
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 9.384 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 63 Resp: 902183
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.5
 100 2.6 1.4 4.2



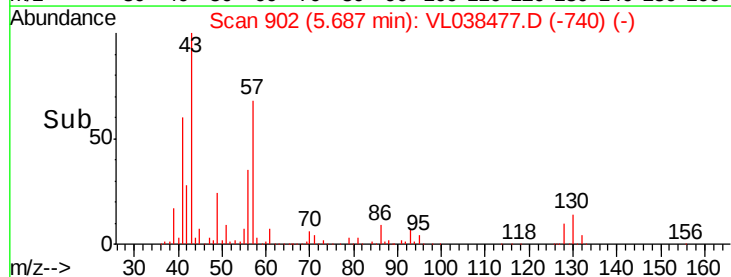
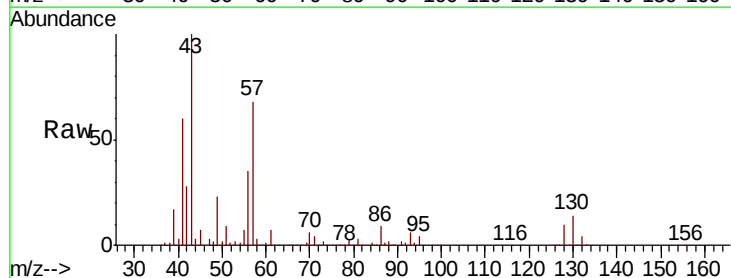
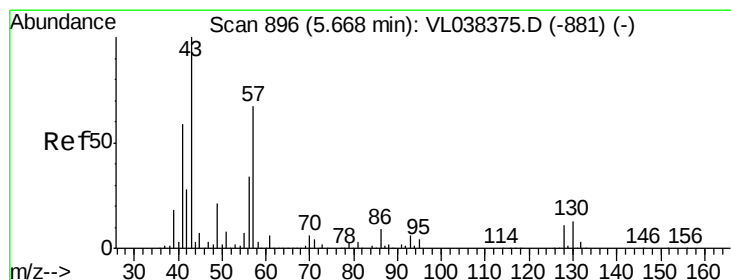
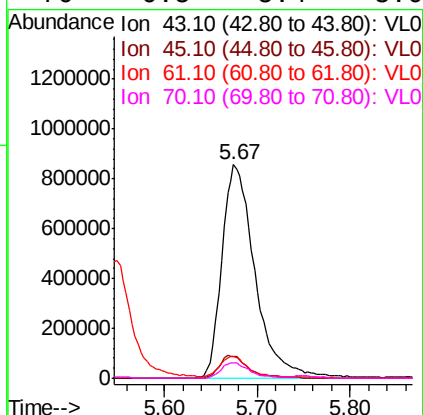


#25
Ethyl Acetate
Concen: 9.700 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.5 5.4 8.0

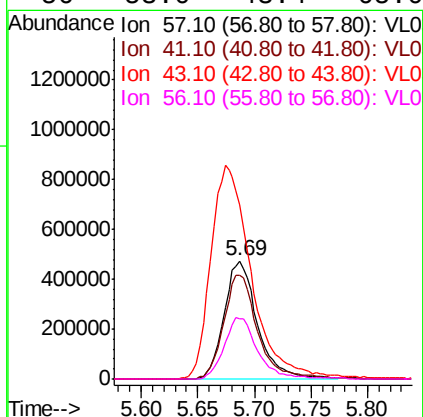
Manual Integrations
APPROVED

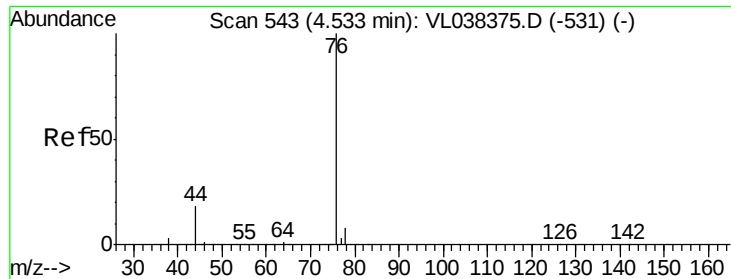
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
Hexane
Concen: 9.839 ppbv
RT: 5.69 min Scan# 902
Delta R.T.: 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 57 Resp: 965903
Ion Ratio Lower Upper
57 100
41 91.2 73.1 109.7
43 220.3 181.0 271.4
56 53.0 43.4 65.0





#27

Carbon Disulfide

Concen: 10.249 ppbv

RT: 4.55 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 2 Mar 2022 11:48

Tot Ion:

Ion Ratio

76 100

44 17.

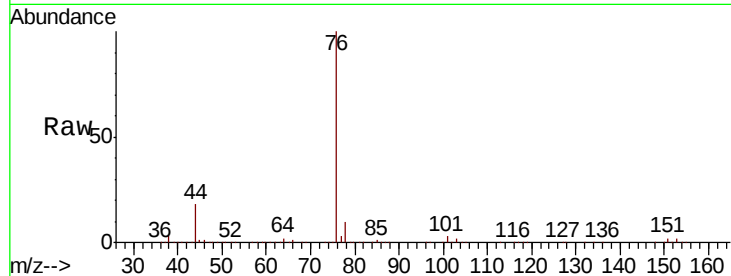
78 9.

Manual Integrations

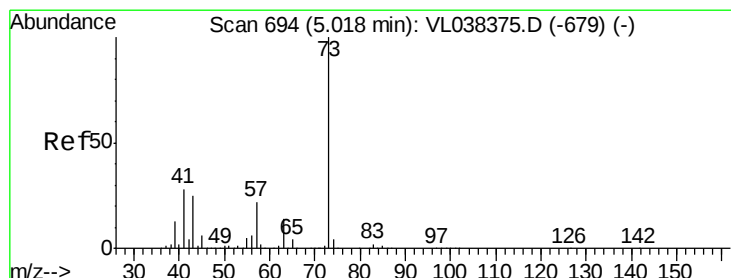
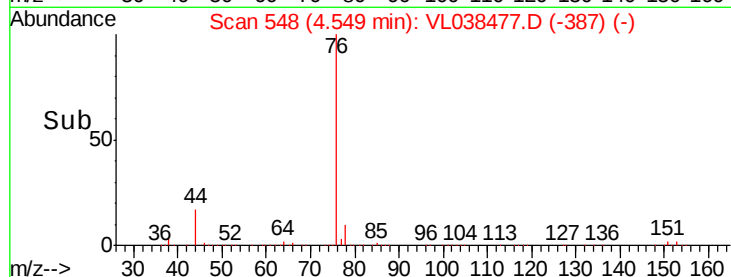
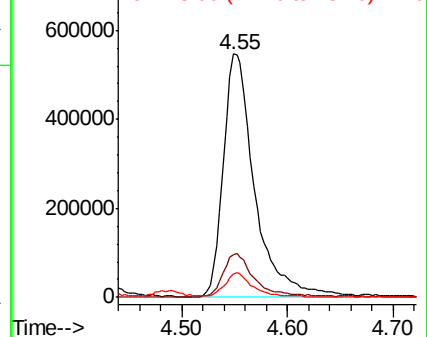
APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 9.647 ppbv

RT: 5.03 min Scan# 698

Delta R.T. 0.01 min

Lab File: VL038477.D

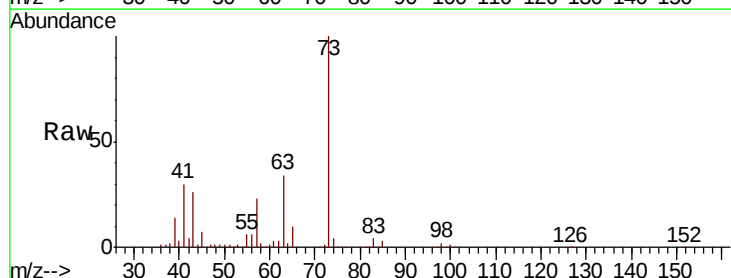
Acq: 2 Mar 2022 11:48

Tgt Ion: 73 Resp: 964625

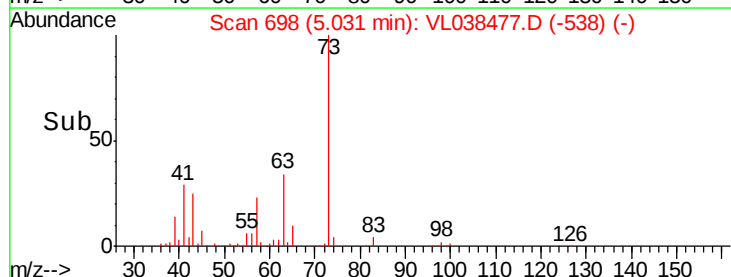
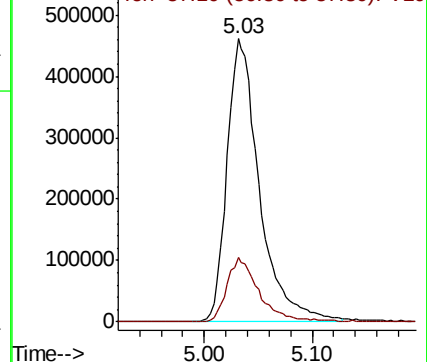
Ion Ratio Lower Upper

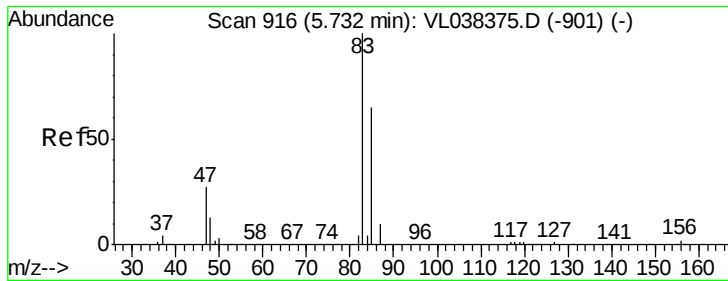
73 100

57 22.8 18.2 27.4



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



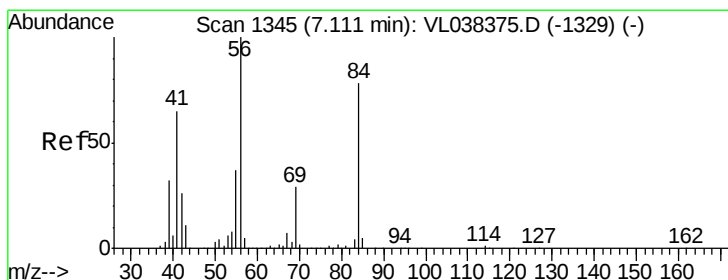
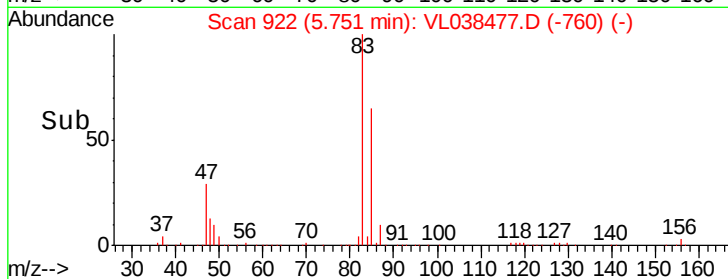
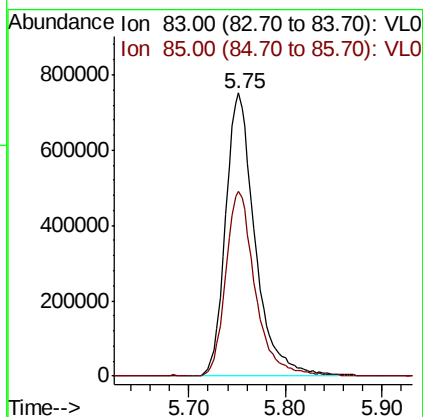
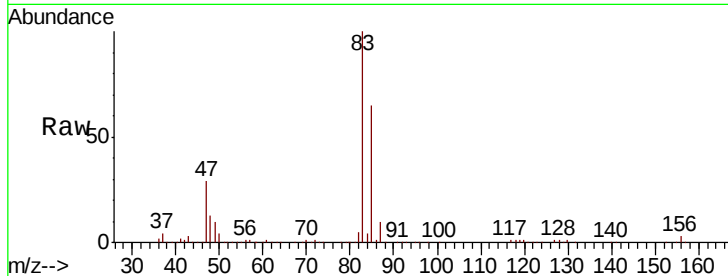


#29
Chloroform
Concen: 9.920 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
83 100
85 65.

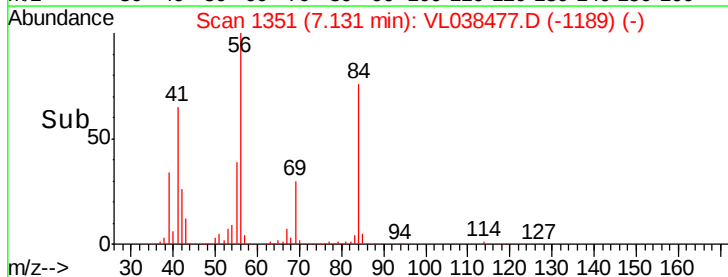
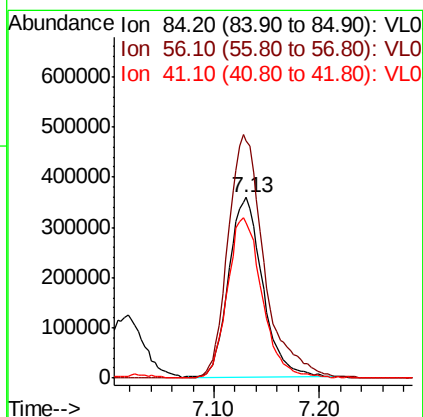
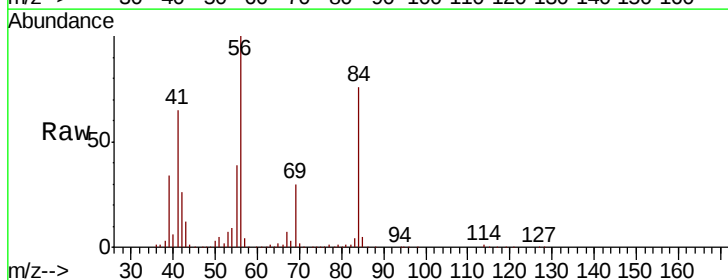
Manual Integrations
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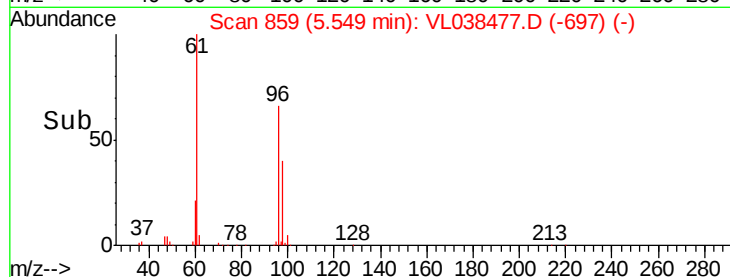
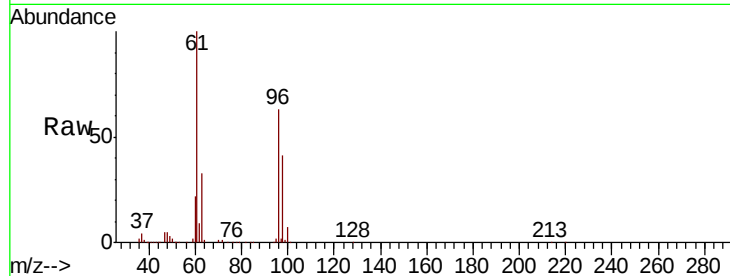
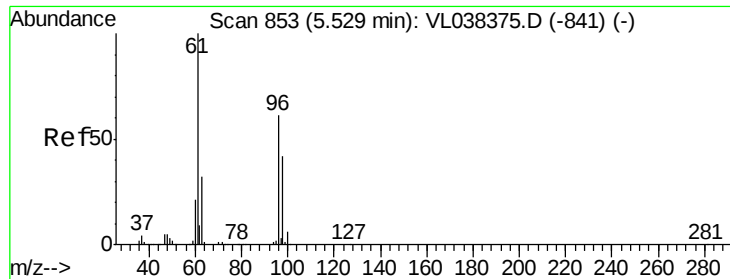
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#30
Cyclohexane
Concen: 9.991 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 84 Resp: 802165
Ion Ratio Lower Upper
84 100
56 144.5 116.2 174.4
41 91.2 74.3 111.5



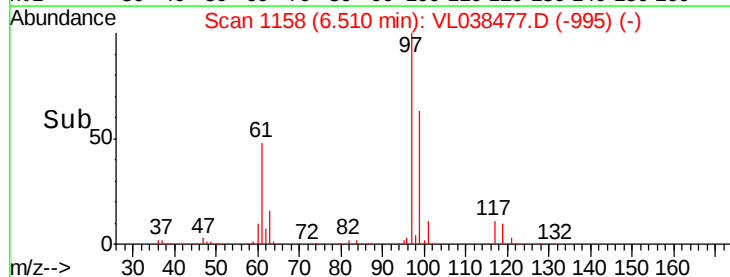
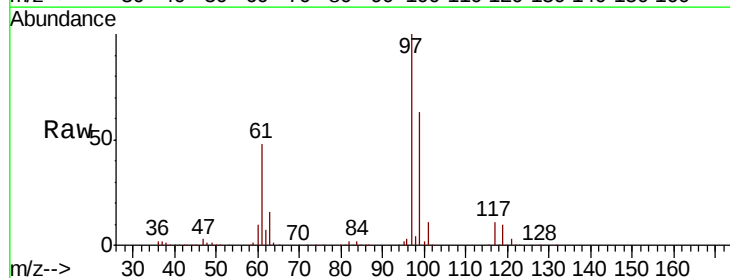
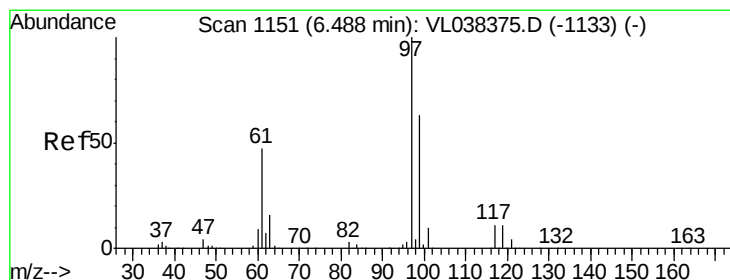
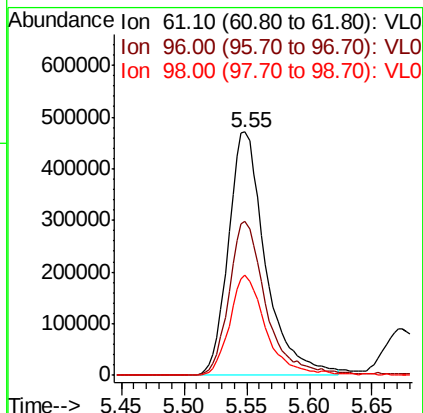


#31
 cis-1,2-Dichloroethene
 Concen: 10.155 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 11:48

Tot Ion:
 Ion Ratio
 61 100
 96 63.
 98 41.

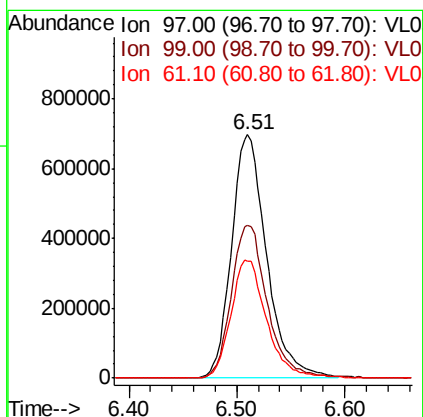
Manual Integrations
 APPROVED

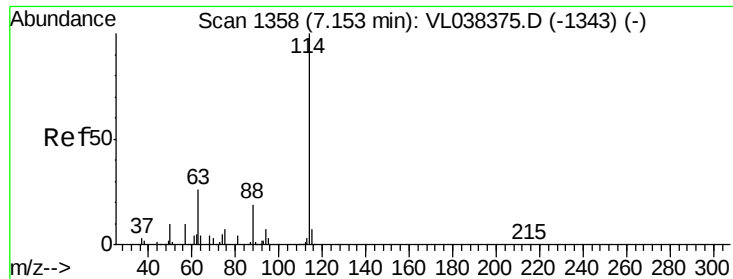
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.809 ppbv
 RT: 6.51 min Scan# 1158
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 97 Resp: 1580610
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 49.4 40.5 60.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48

Tot Ion:1

Ion Rati

114 100

63 27.

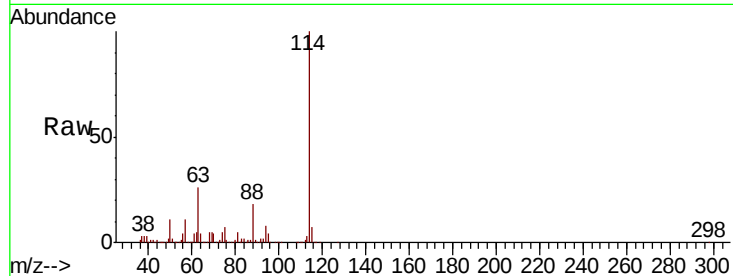
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

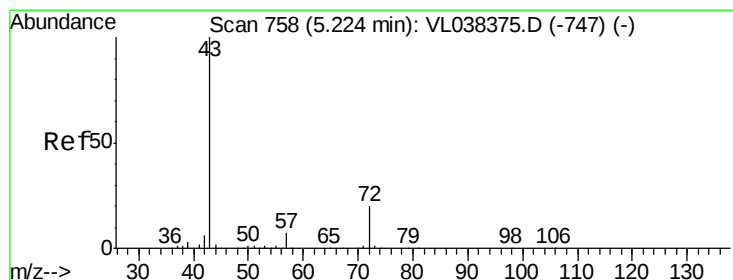
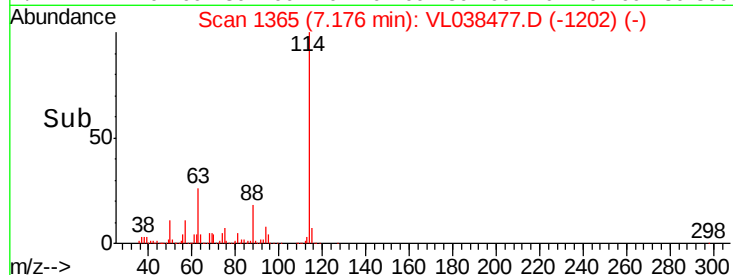
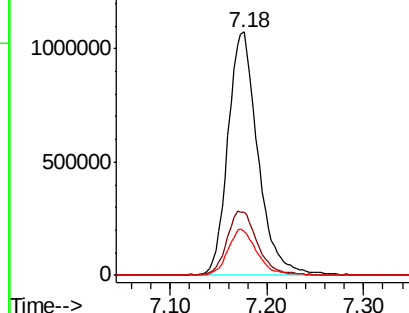
Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 9.966 ppbv

RT: 5.25 min Scan# 765

Delta R.T. 0.02 min

Lab File: VL038477.D

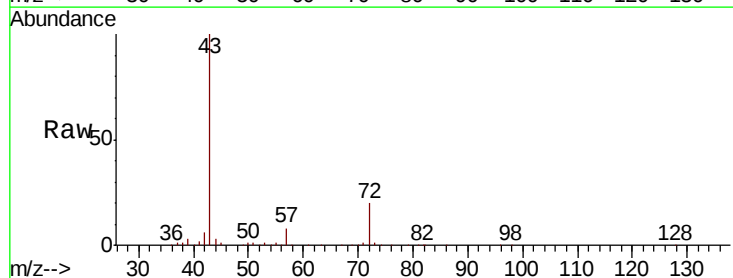
Acq: 2 Mar 2022 11:48

Tgt Ion: 43 Resp: 726642

Ion Ratio Lower Upper

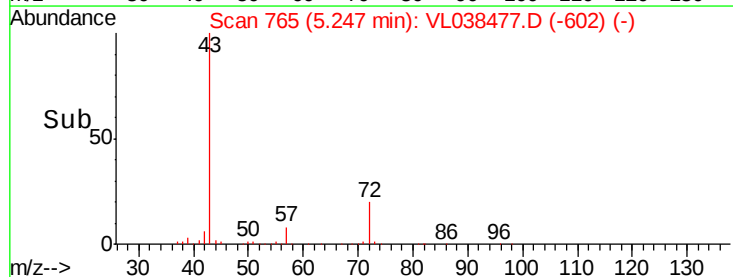
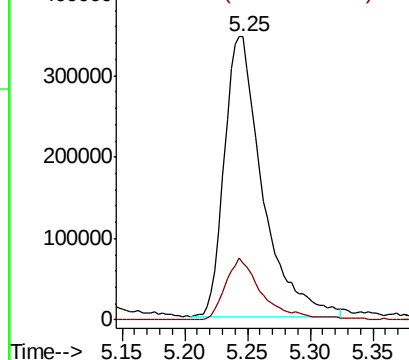
43 100

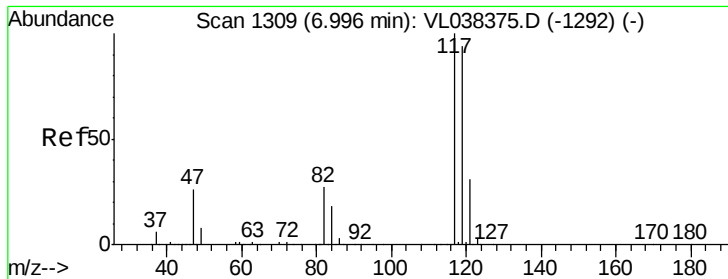
72 22.0 17.4 26.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0



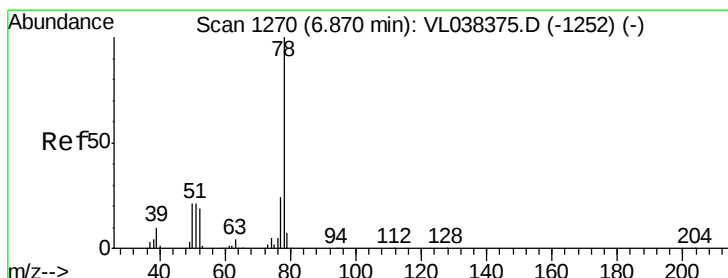
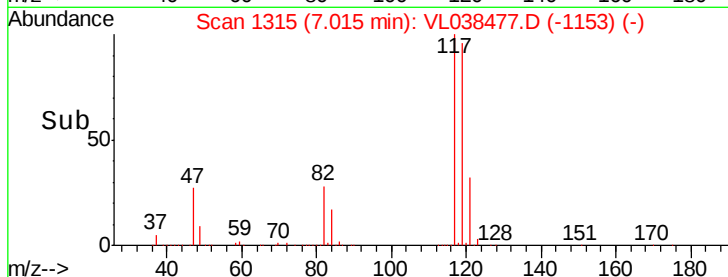
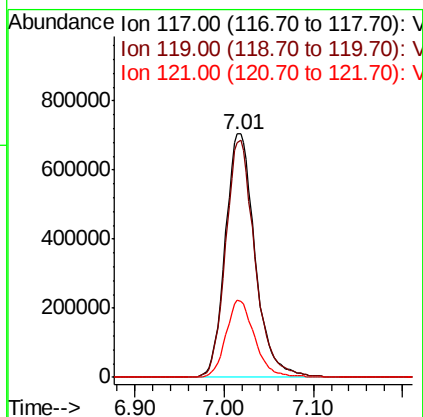
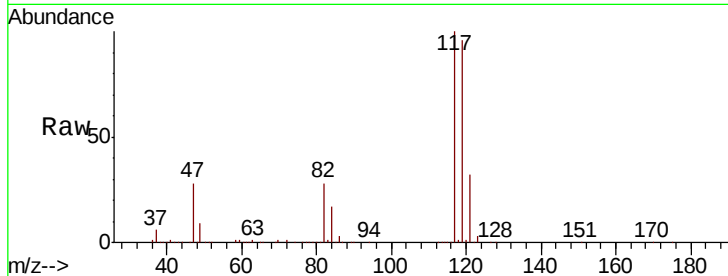


#35
Carbon Tetrachloride
Concen: 9.980 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0302ABS01
Acq: 2 Mar 2022 11:48

Manual Integrations
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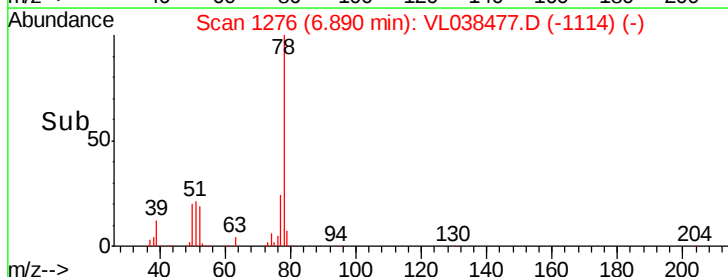
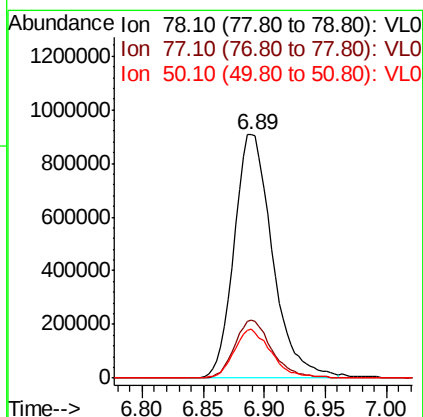
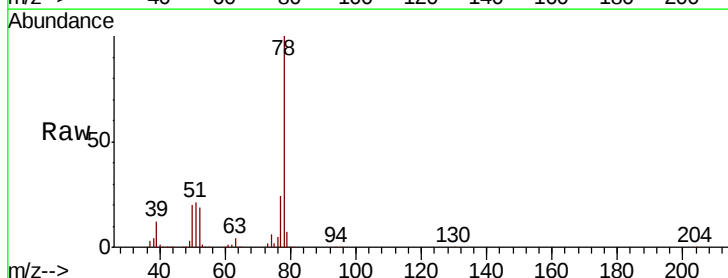
Tot Ion:1
Ion Rati
117 100
119 96.
121 31.

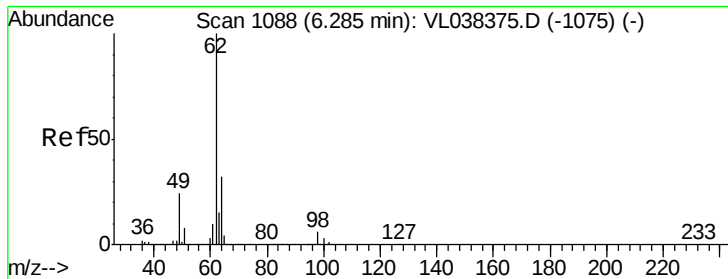
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#36
Benzene
Concen: 9.691 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 78 Resp: 1977785
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6
50 19.8 16.6 24.8



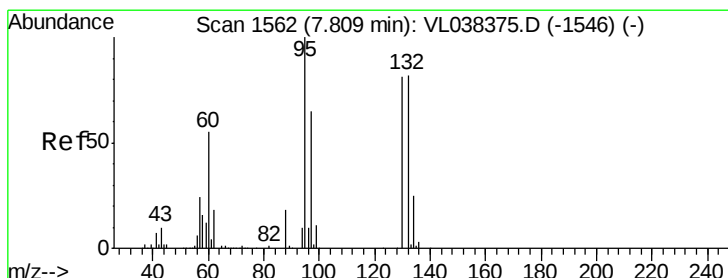
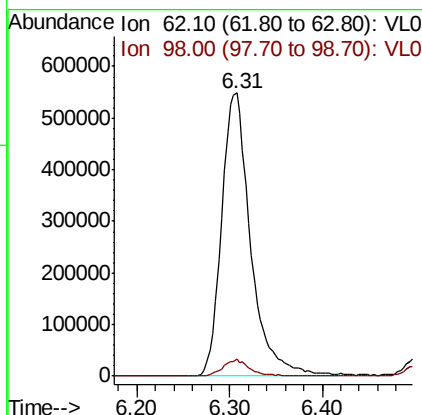
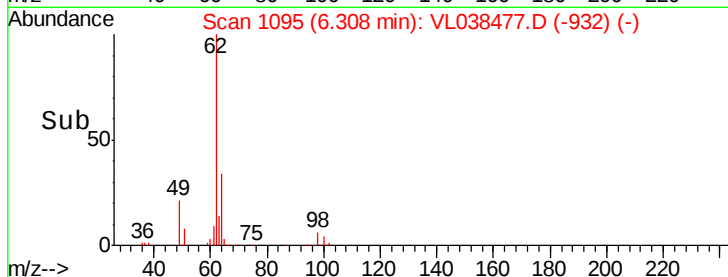
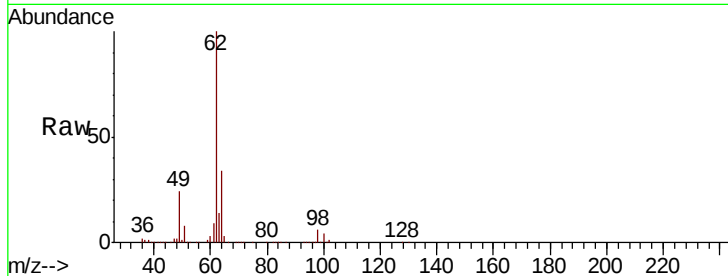


#37
 1,2-Dichloroethane
 Concen: 10.139 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 2 Mar 2022 11:48

Tot Ion:
 Ion Ratio
 62 100
 98 5.

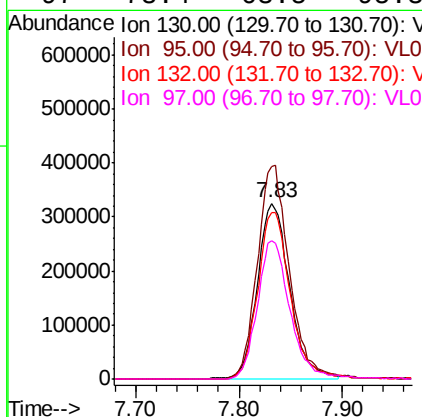
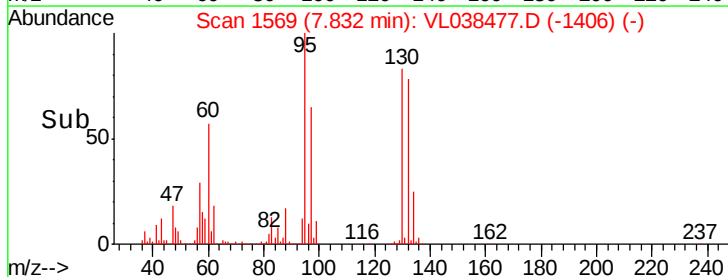
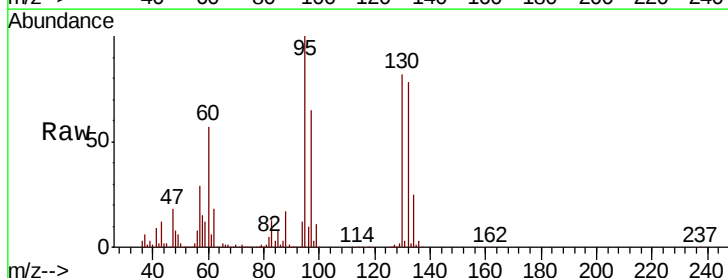
Manual Integrations
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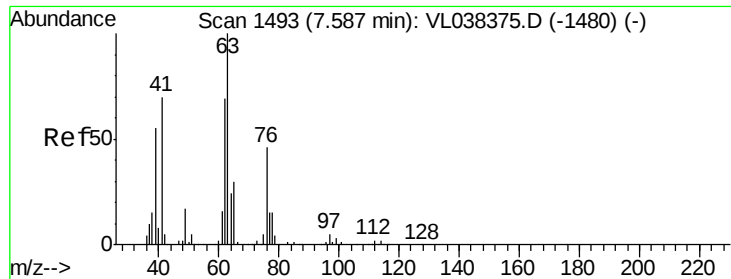
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#38
 Trichloroethene
 Concen: 9.517 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion:130 Resp: 707434
 Ion Ratio Lower Upper
 130 100
 95 121.2 98.1 147.1
 132 94.7 80.3 120.5
 97 78.4 63.5 95.3



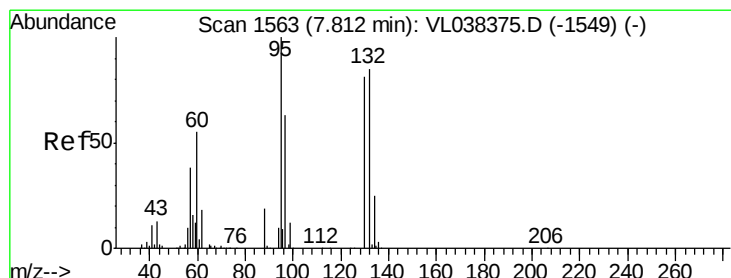
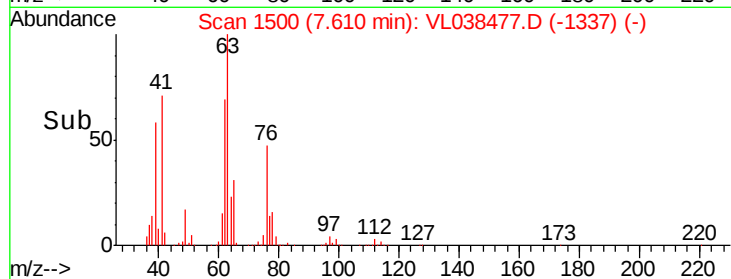
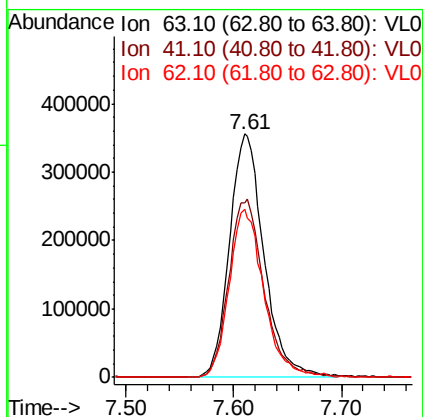
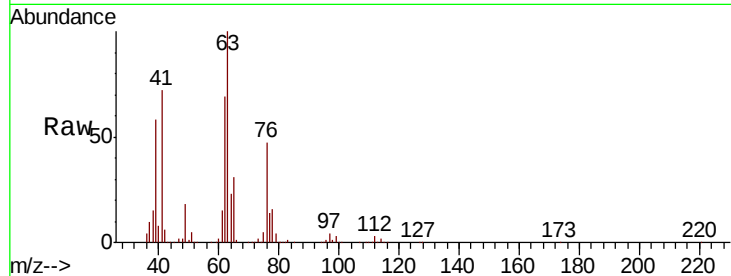


#39
 1,2-Dichloropropane
 Concen: 9.691 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

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

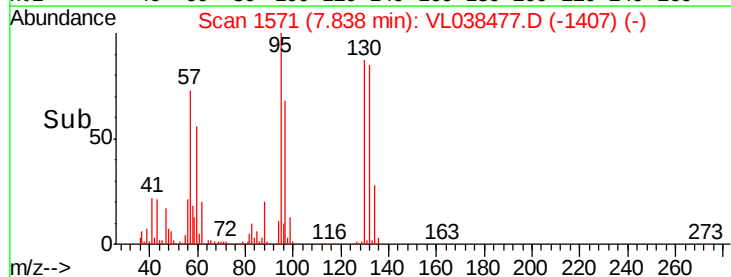
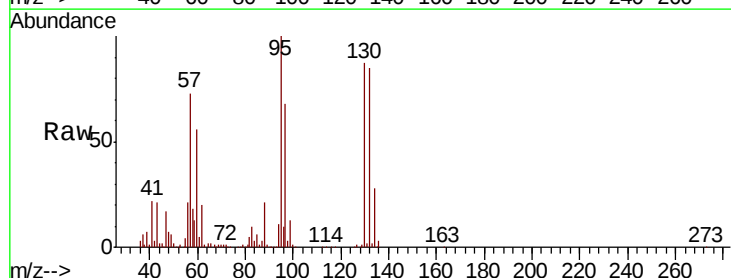
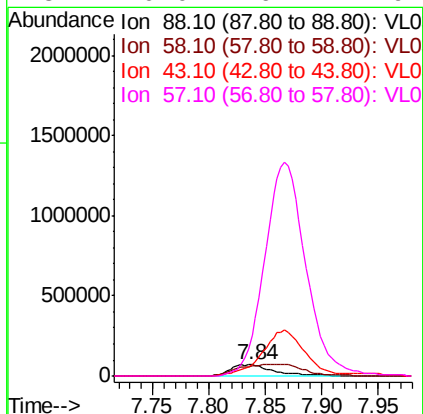
Manual Integrations
 APPROVED

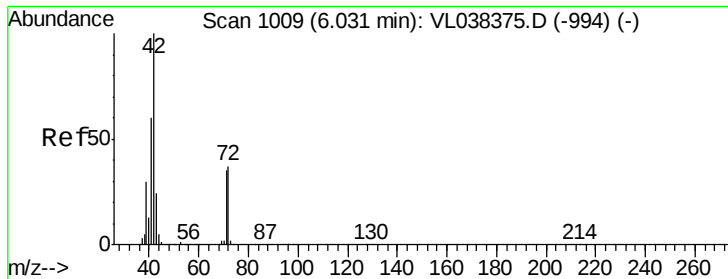
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#40
 1,4-Dioxane
 Concen: 9.799 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. 0.03 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 88 Resp: 188938
 Ion Ratio Lower Upper
 88 100
 58 0.0 133.2 199.8#
 43 0.0 330.6 496.0#
 57 0.0 1462.7 2194.1#



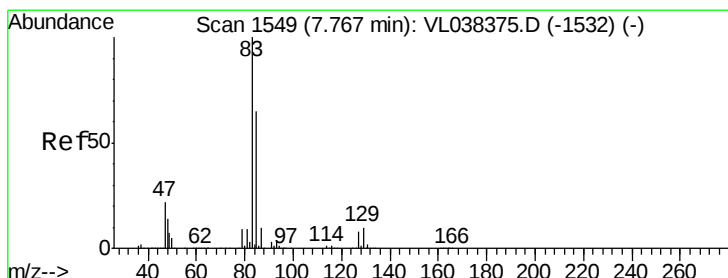
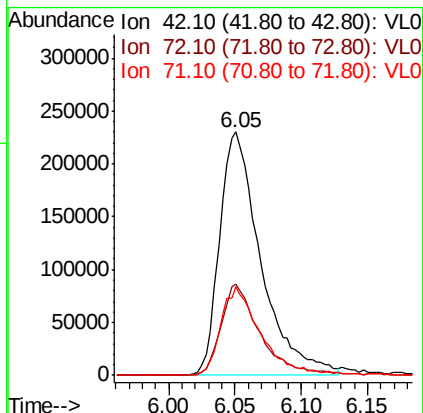
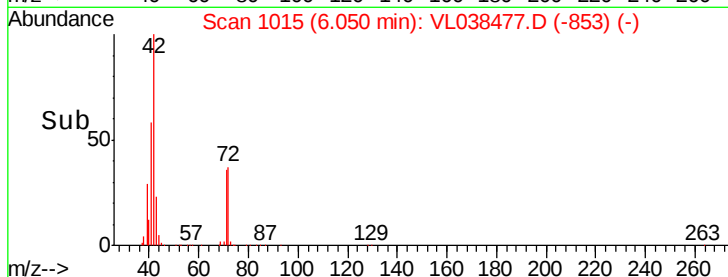
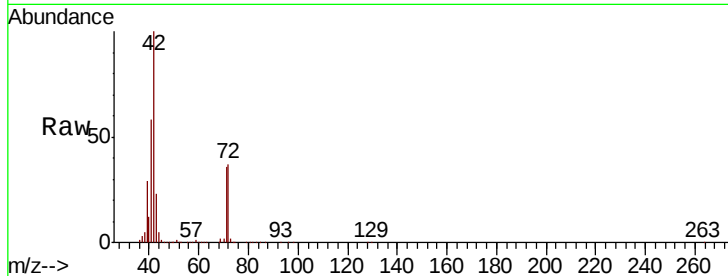


#41
Tetrahydrofuran
Concen: 10.056 ppbv
RT: 6.05
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
42 100
72 36.
71 35.

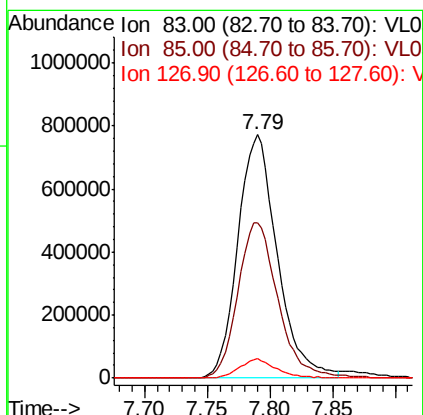
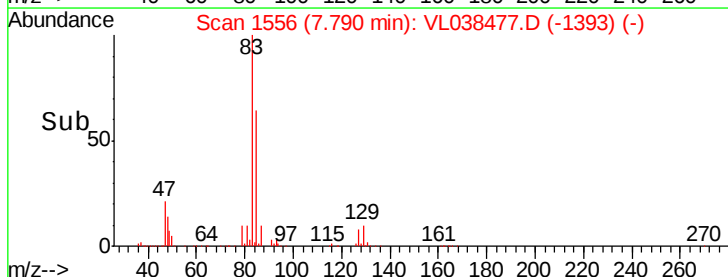
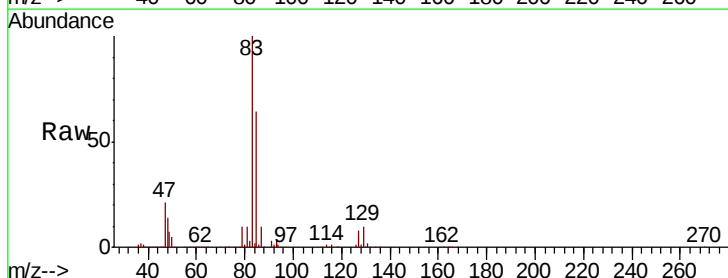
Manual Integrations
APPROVED

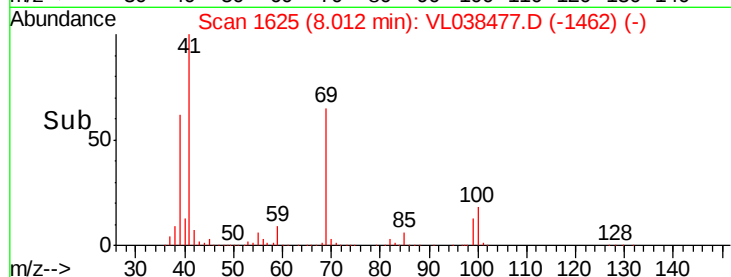
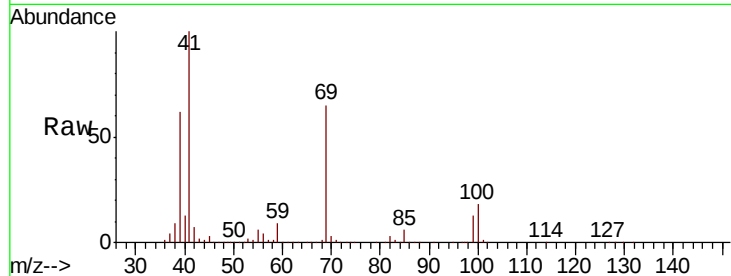
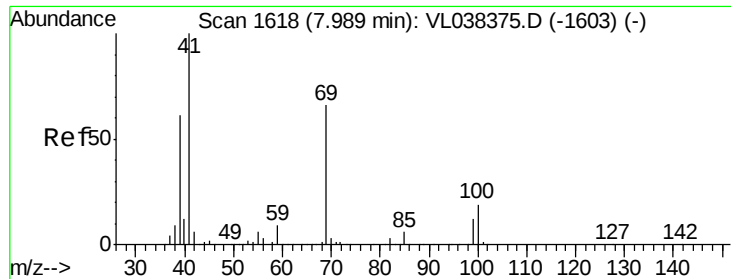
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
Bromodichloromethane
Concen: 9.953 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 83 Resp: 1694905
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.4
127 8.0 6.2 9.4





#43

Methyl Methacrylate

Concen: 10.369 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0302ABS01

Acq: 2 Mar 2022 11:48

Tot Ion:

Ion Ratio

69 100

41 153.

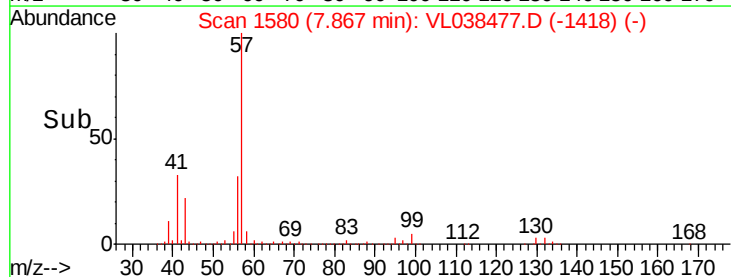
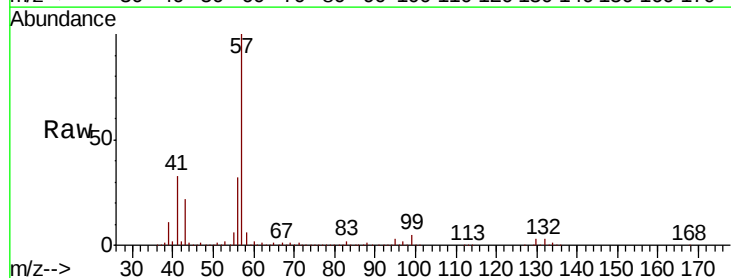
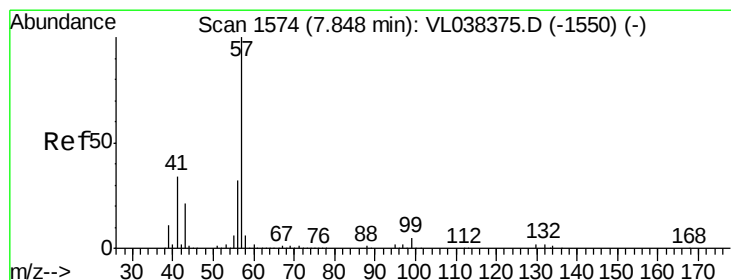
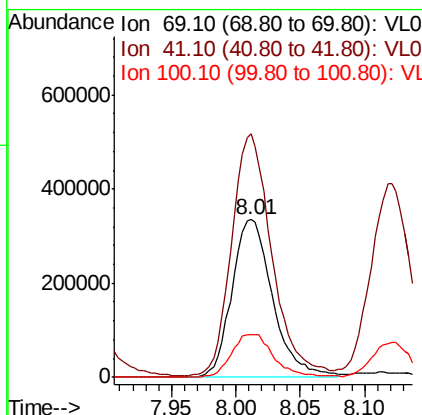
100 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#44

2,2,4-Trimethylpentane

Concen: 9.681 ppbv

RT: 7.87 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

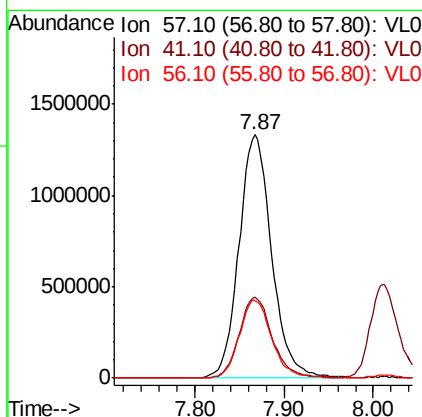
Tgt Ion: 57 Resp: 3395775

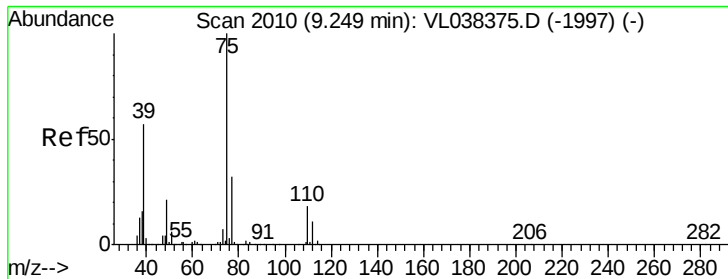
Ion Ratio Lower Upper

57 100

41 33.4 26.6 39.8

56 31.8 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.670 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48 VL0302ABS01

Tot Ion:

Ion Ratio

75 100

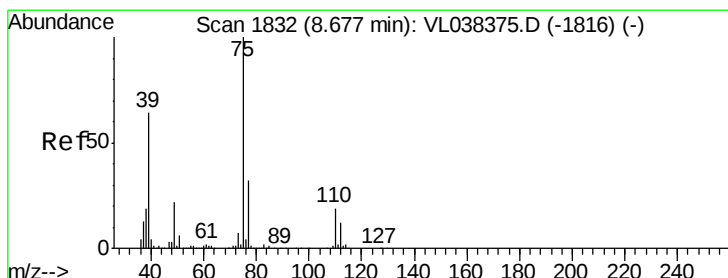
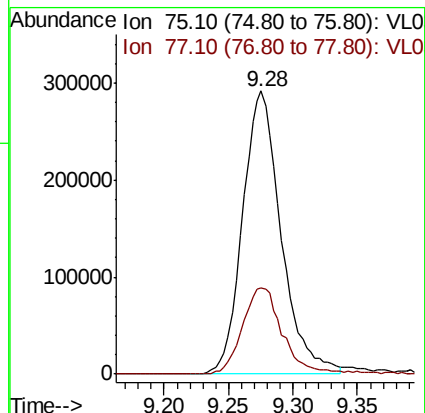
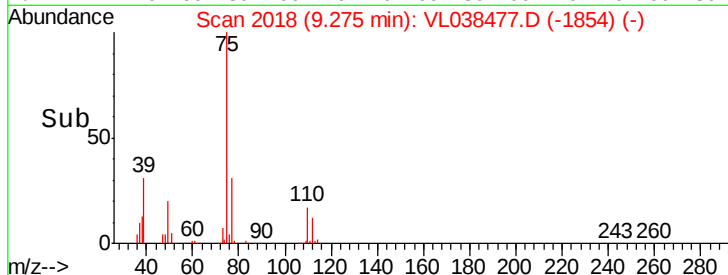
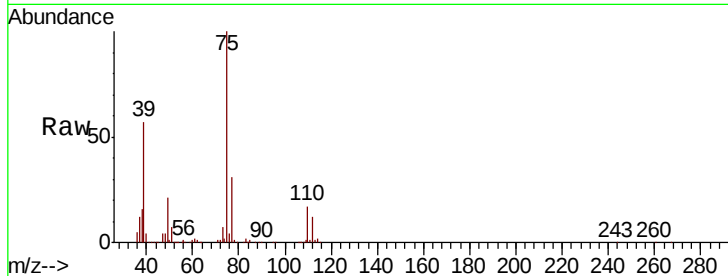
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

cis-1,3-Dichloropropene

Concen: 10.340 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. 0.03 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

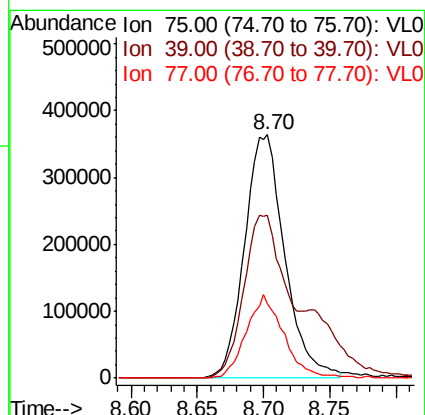
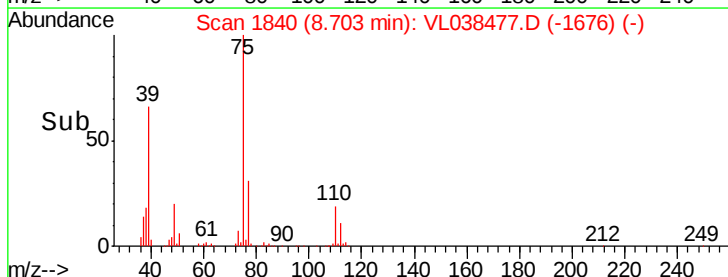
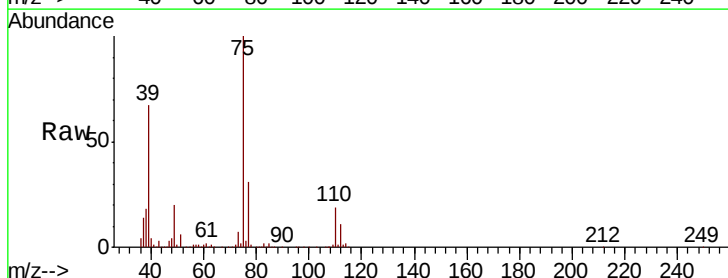
Tgt Ion: 75 Resp: 768400

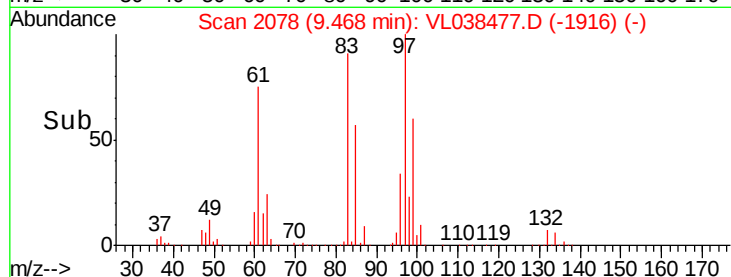
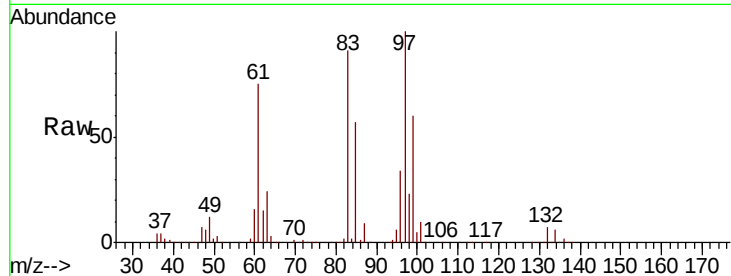
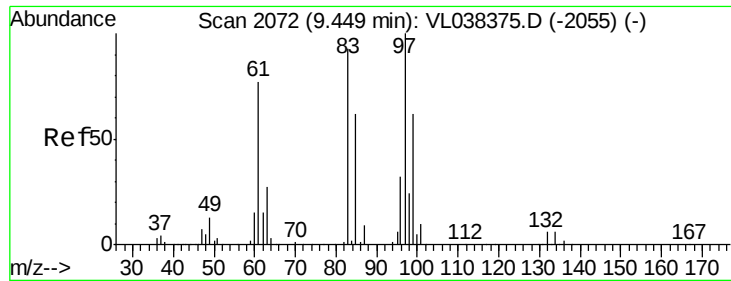
Ion Ratio Lower Upper

75 100

39 67.0 51.4 77.2

77 30.5 25.4 38.2



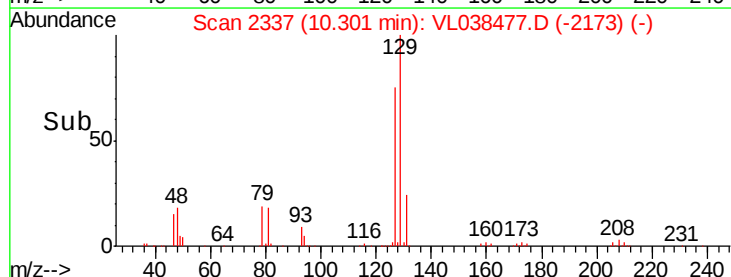
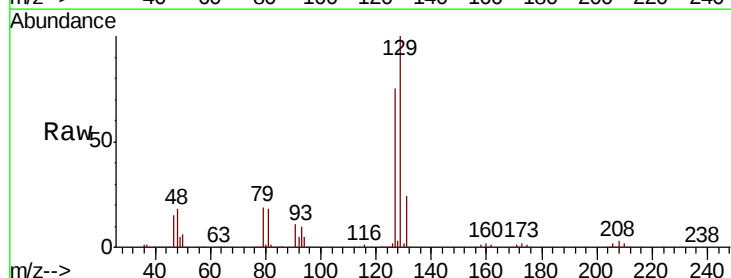
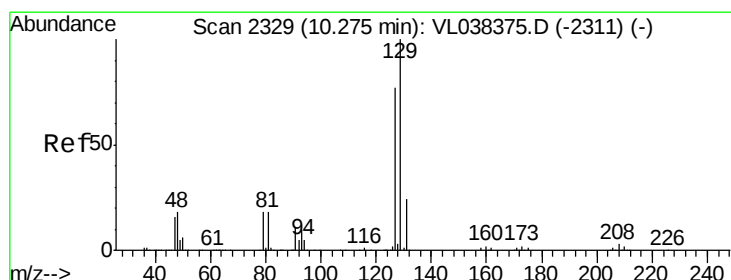
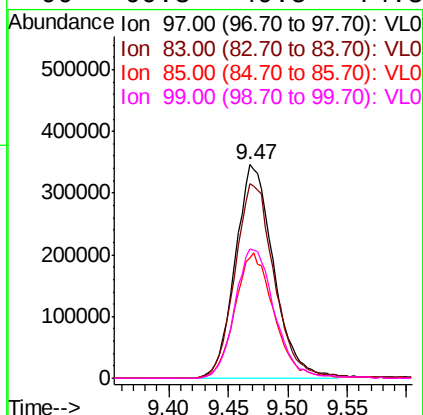


#47
1,1,2-Trichloroethane
Concen: 9.595 ppbv
RT: 9.47
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
97 100
83 91.
85 56.
99 60.3 49.5 74.3

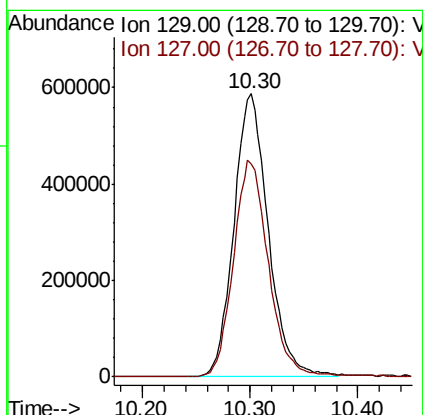
Manual Integrations
APPROVED

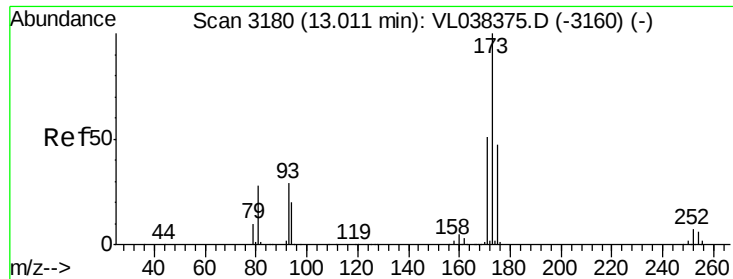
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#48
Dibromochloromethane
Concen: 9.866 ppbv
RT: 10.30 min Scan# 2337
Delta R.T. 0.03 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion:129 Resp: 1304584
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1





#49

Bromoform

Concen: 8.859 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 2 Mar 2022 11:48

Instrument:

MSVOA_L

ClientSampleId:

VL0302ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022

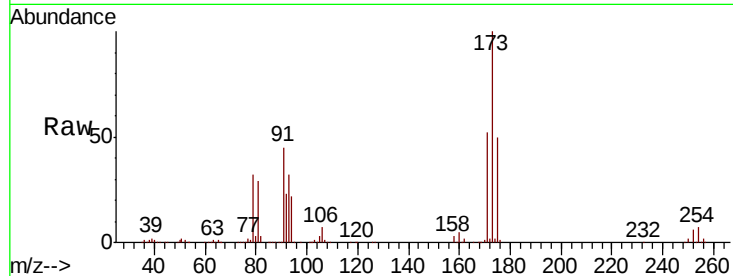
Tot Ion:1

Ion Rati

173 100

175 50.

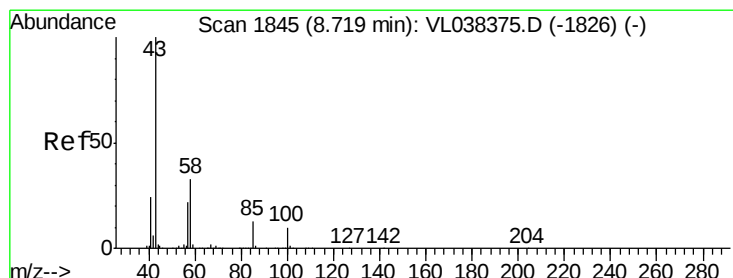
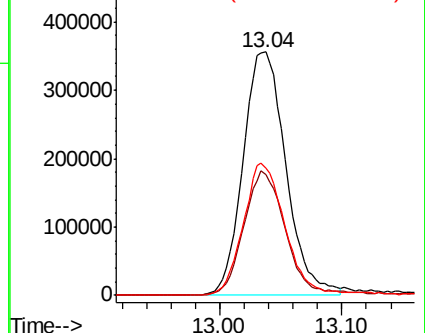
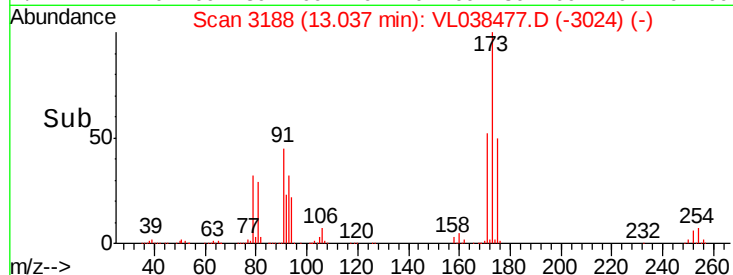
171 53.



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: 10.578 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. 0.02 min

Lab File: VL038477.D

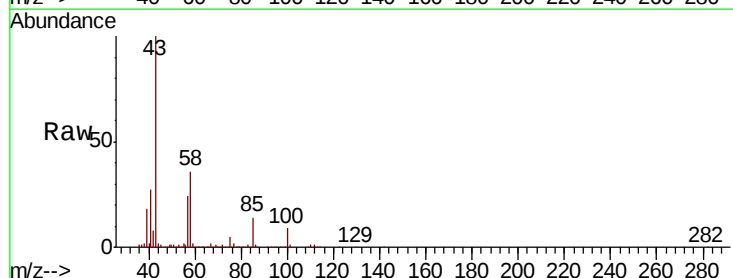
Acq: 2 Mar 2022 11:48

Tgt Ion: 43 Resp: 1363498

Ion Ratio Lower Upper

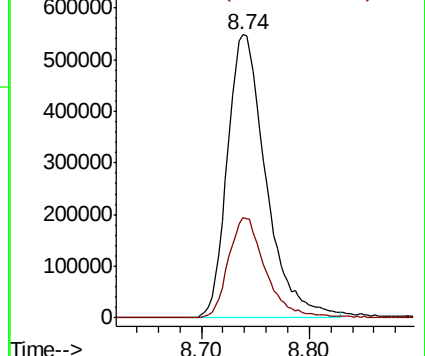
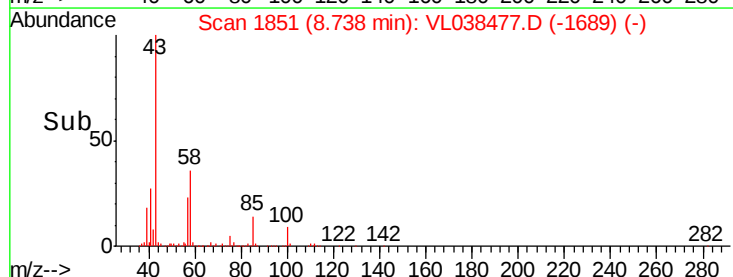
43 100

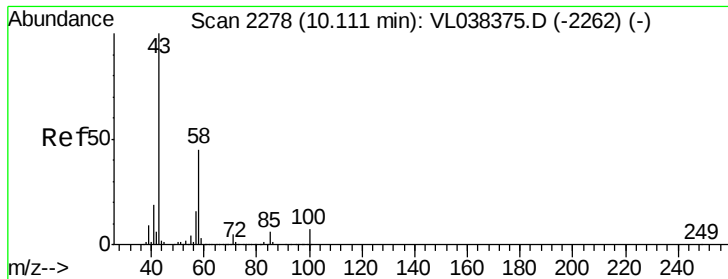
58 34.8 27.7 41.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#51

2-Hexanone

Concen: 10.493 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 2 Mar 2022 11:48

Tot Ion:

Ion Ratio

43 100

58 45.

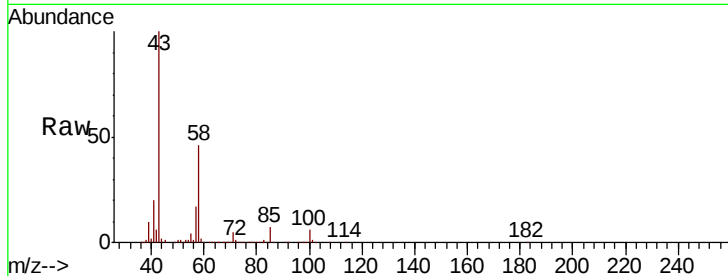
98 0.

Manual Integrations

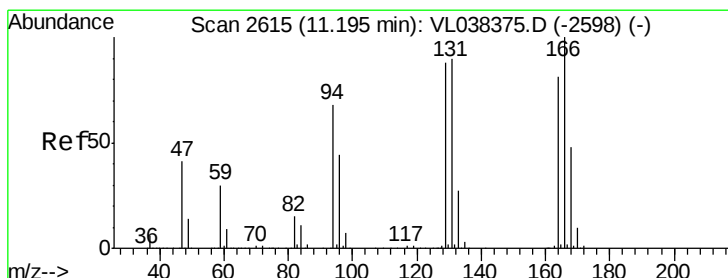
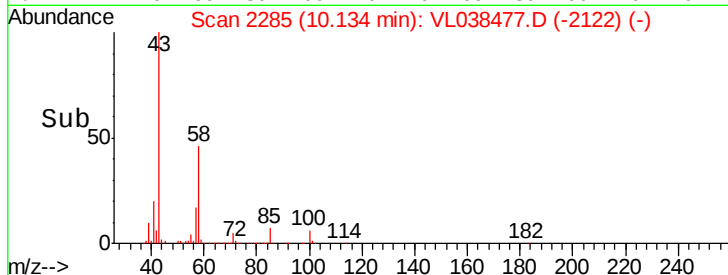
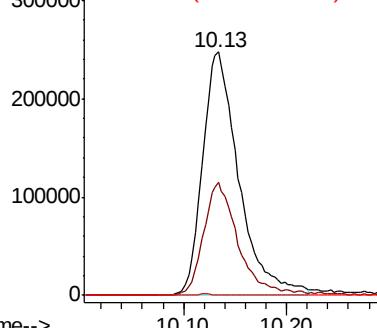
APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 8.866 ppbv

RT: 11.22 min Scan# 2622

Delta R.T. 0.02 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

Tgt Ion:164 Resp: 600671

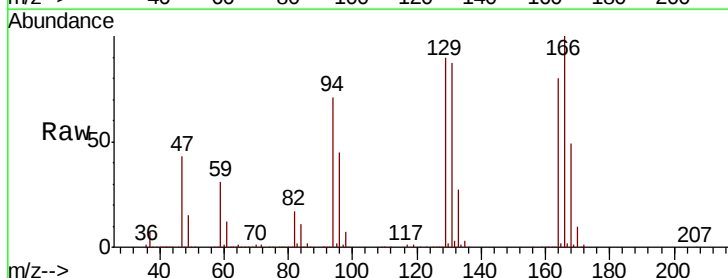
Ion Ratio Lower Upper

164 100

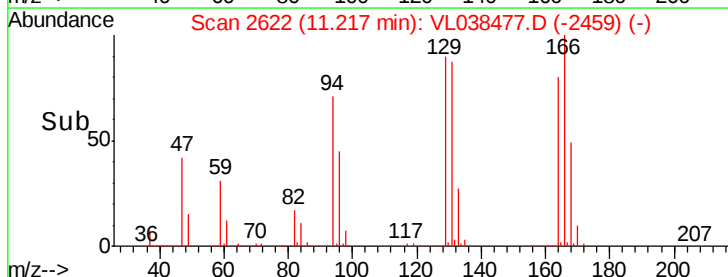
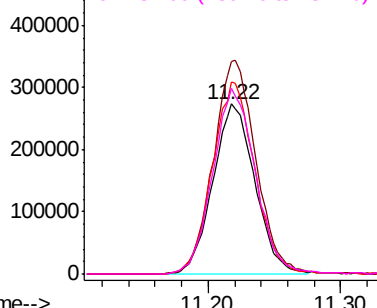
166 124.5 98.6 148.0

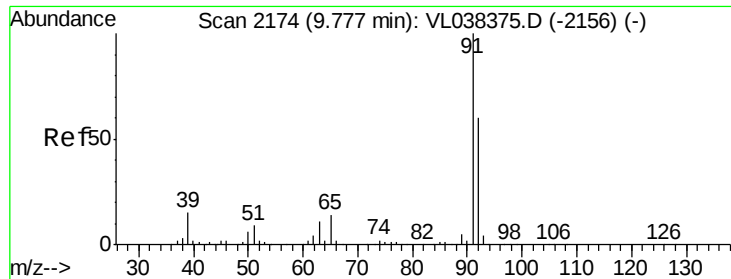
129 112.6 86.9 130.3

131 108.7 88.6 133.0



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 9.830 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48

Tot Ion:

Ion Ratio

91 100

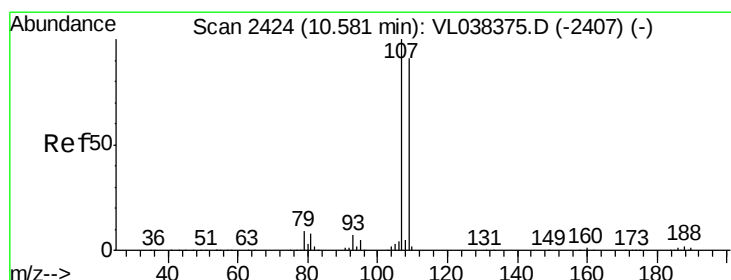
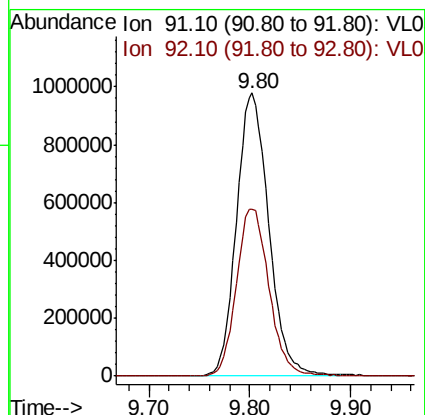
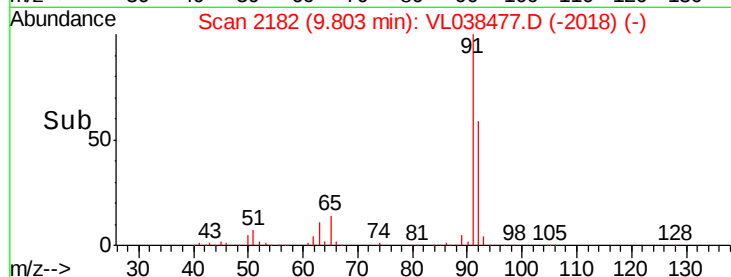
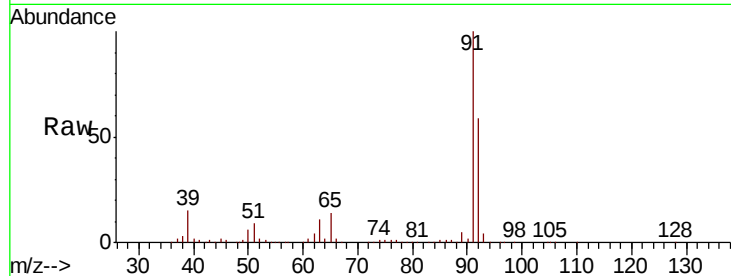
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#54

1,2-Dibromoethane

Concen: 9.757 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. 0.02 min

Lab File: VL038477.D

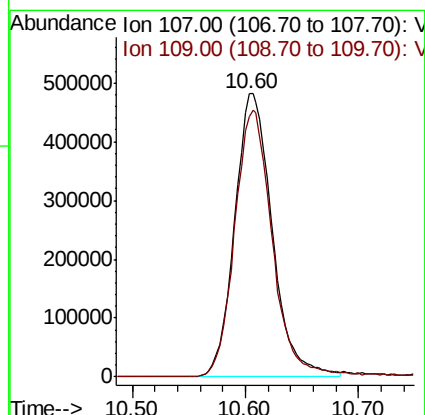
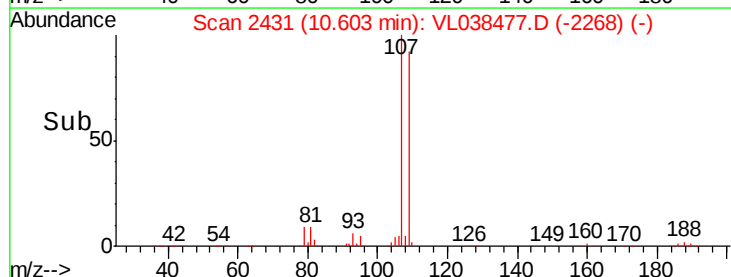
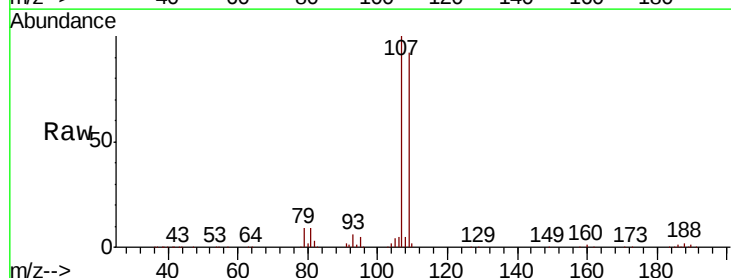
Acq: 2 Mar 2022 11:48

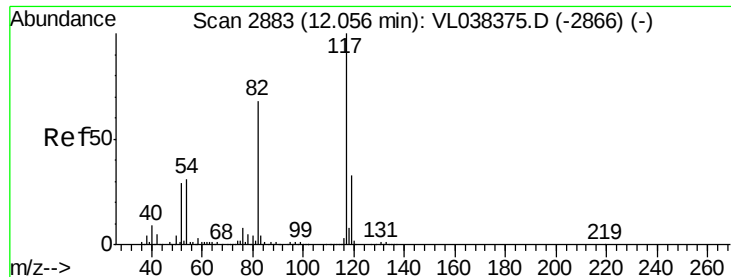
Tgt Ion:107 Resp: 1110734

Ion Ratio Lower Upper

107 100

109 91.8 73.0 109.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.08

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 2 Mar 2022 11:48

Tot Ion:1

Ion Rati

117 100

82 71.

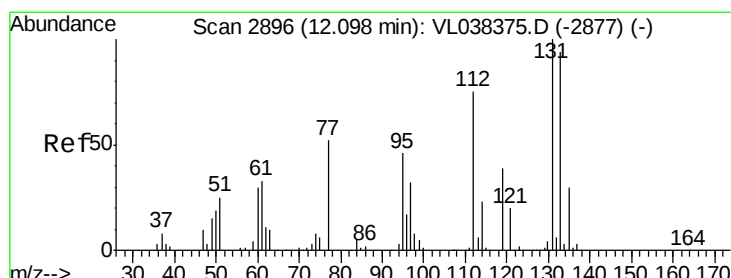
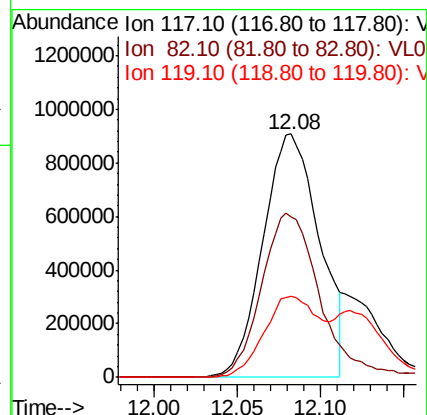
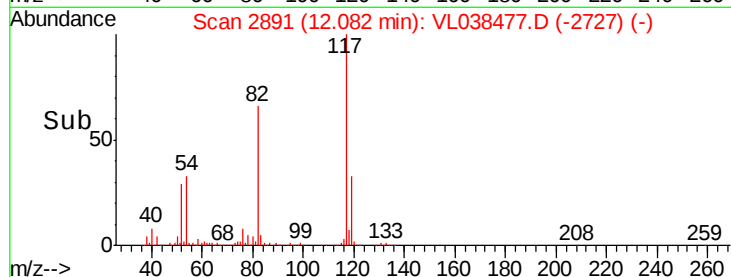
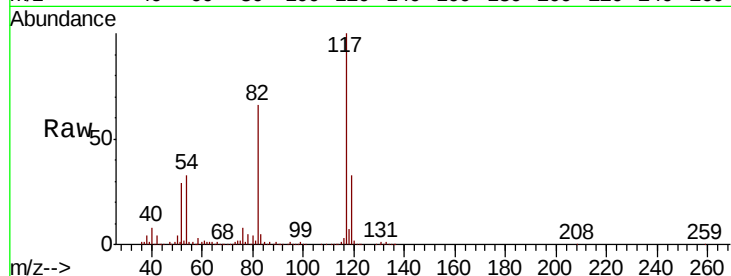
119 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.483 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.02 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

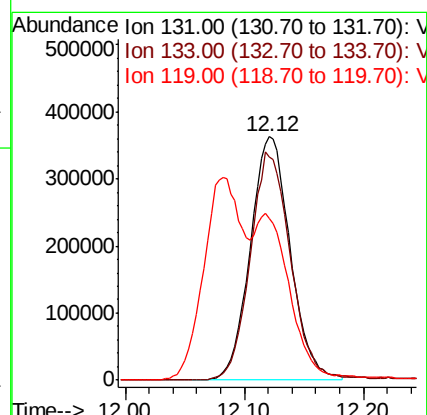
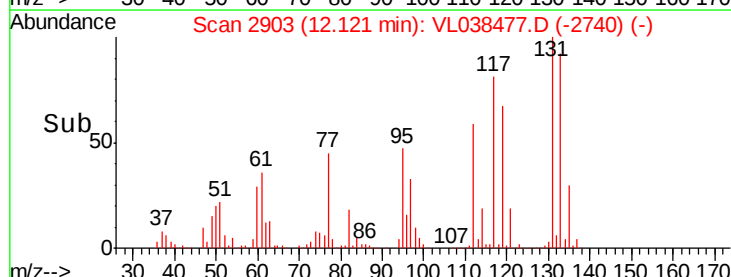
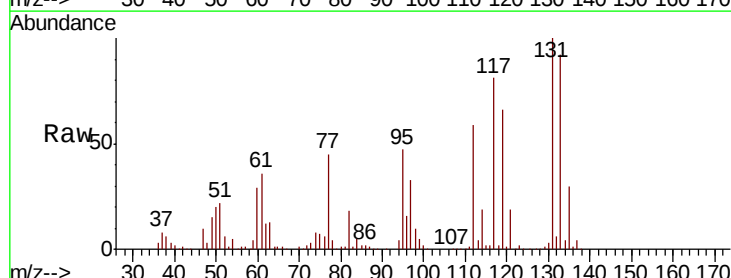
Tgt Ion:131 Resp: 845212

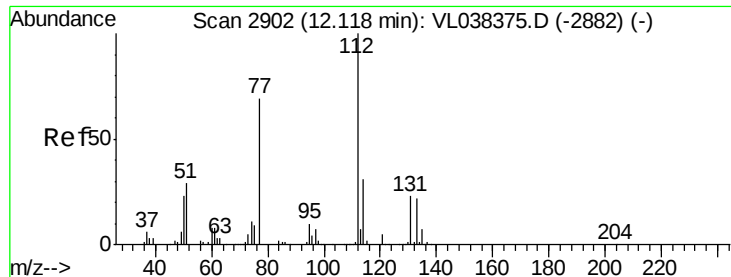
Ion Ratio Lower Upper

131 100

133 95.3 77.3 115.9

119 61.8 48.6 73.0



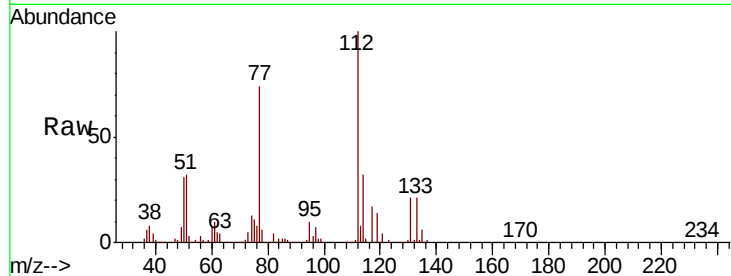


#57
Chlorobenzene
Concen: 8.860 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0302ABS01
Acq: 2 Mar 2022 11:48

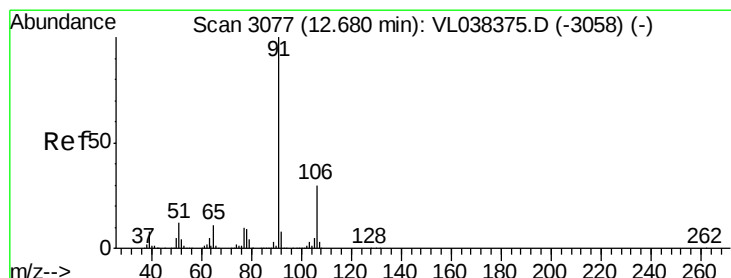
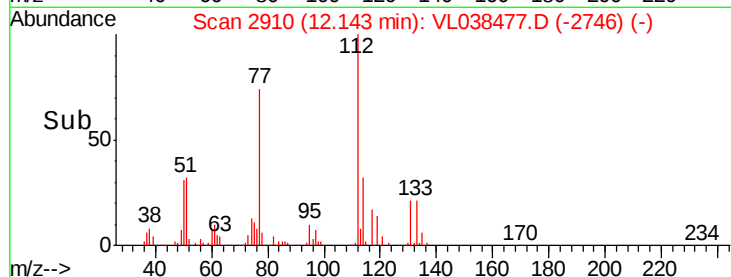
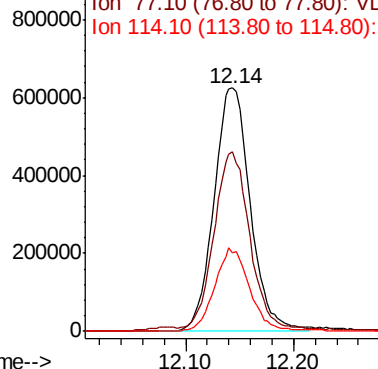
Manual Integrations
APPROVED

Tot Ion: 1
Ion Ratio
112 100
77 72.
114 32.

Reviewed By : Semsettin Yesilyurt 03/07/2022
Supervised By : Mahesh Dadoda 03/07/2022

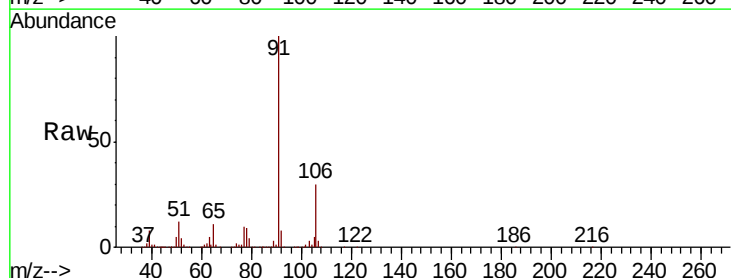


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

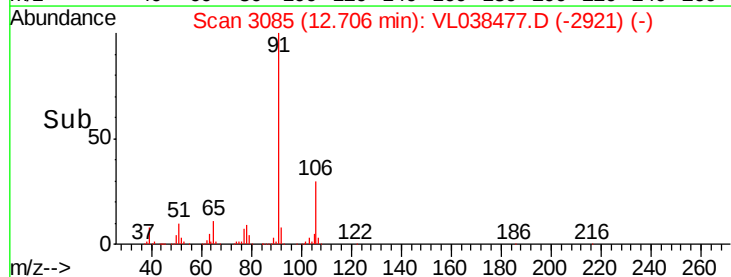
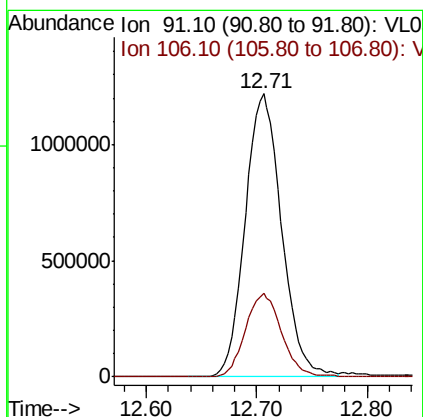


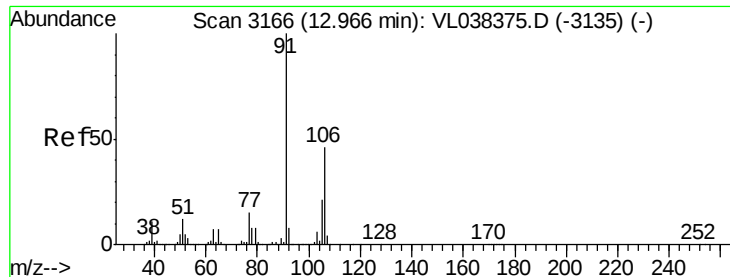
#58
Ethyl Benzene
Concen: 9.532 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.03 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 91 Resp: 2787287
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V



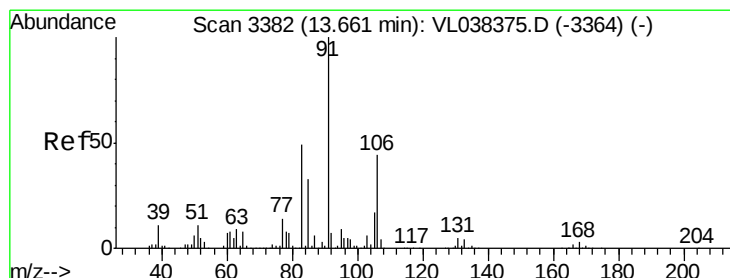
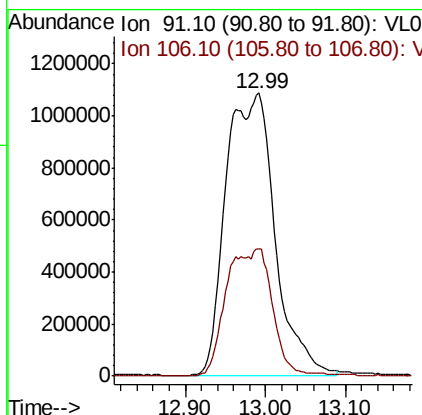
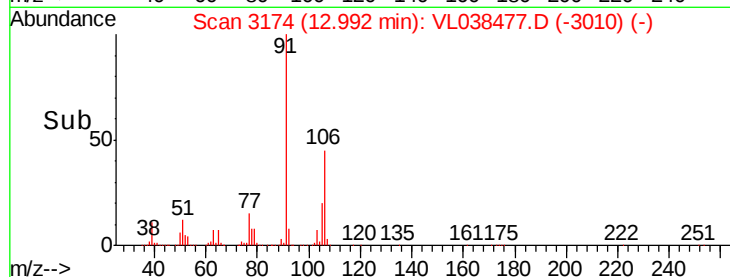
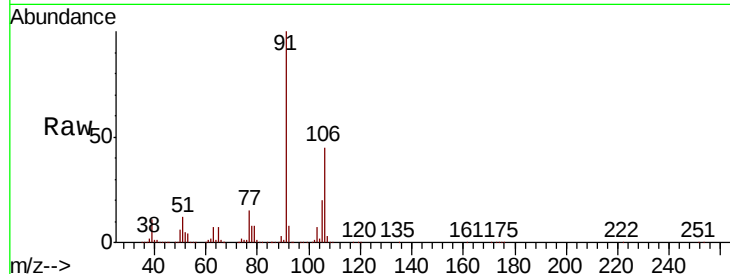


#59
m/p-Xylene
Concen: 18.504 ppbv m
RT: 12.99
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
91 100
106 42.

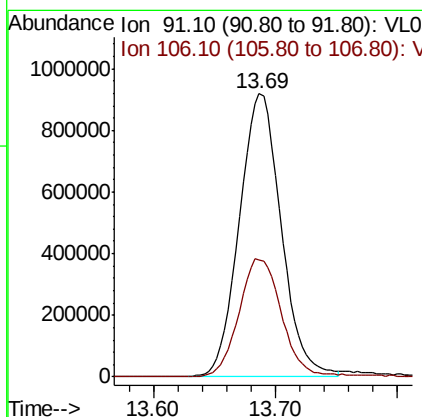
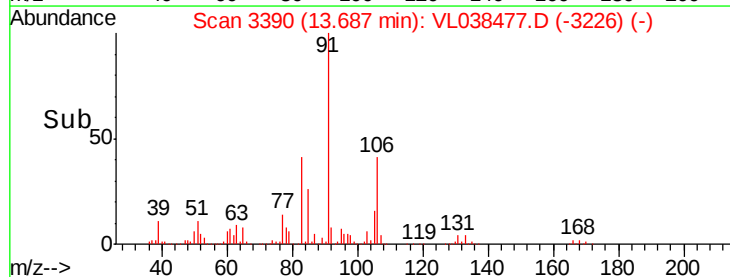
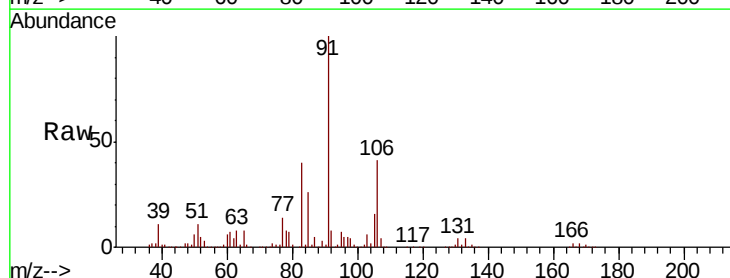
Manual Integrations
APPROVED

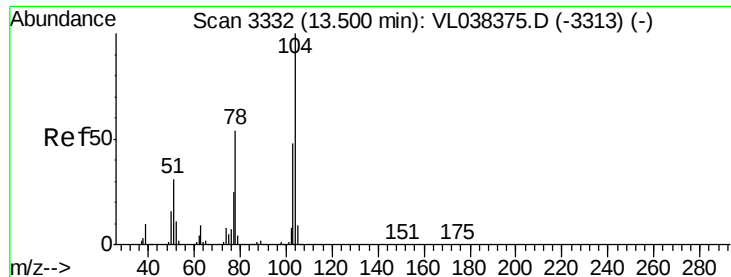
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
o-Xylene
Concen: 9.151 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. 0.03 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 91 Resp: 2172297
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





#61

Stvrene

Concen: 9.566 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 11:48

Tot Ion:1

Ion Rati

104 100

78 57.

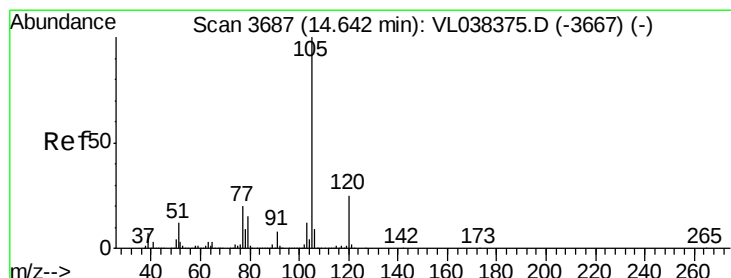
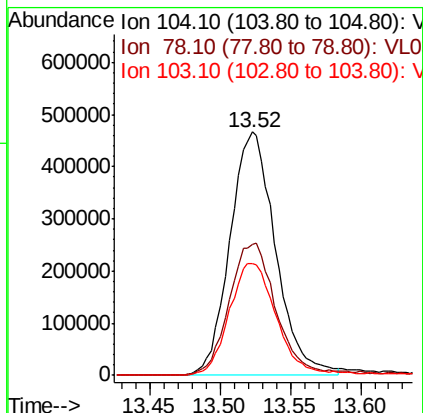
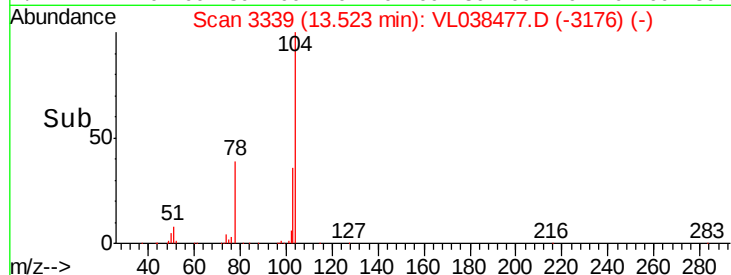
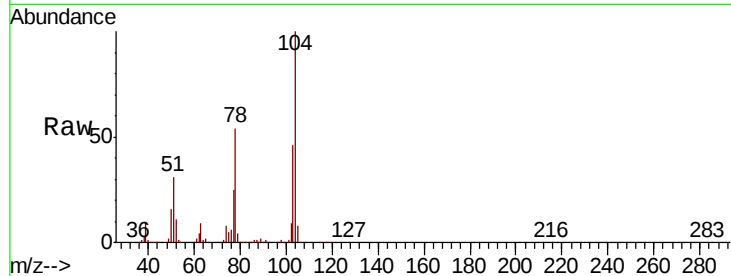
103 48.

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Reviewed By :Semsettin Yesilyurt 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#62

Isopropylbenzene

Concen: 8.908 ppbv

RT: 14.66 min Scan# 3693

Delta R.T. 0.02 min

Lab File: VL038477.D

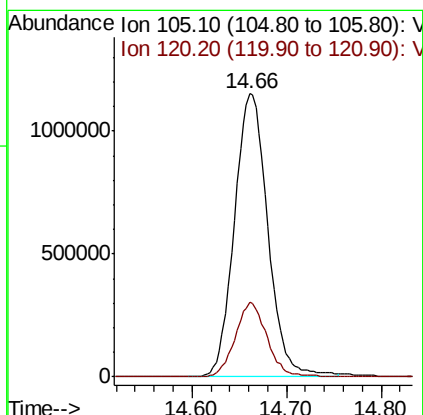
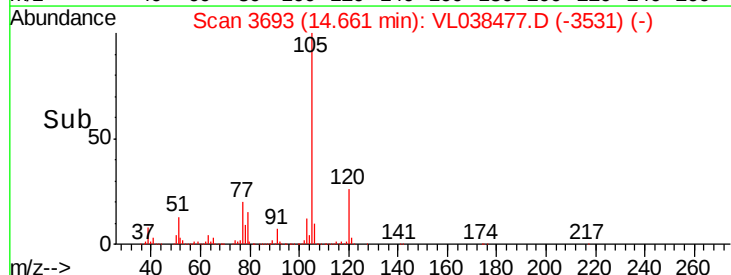
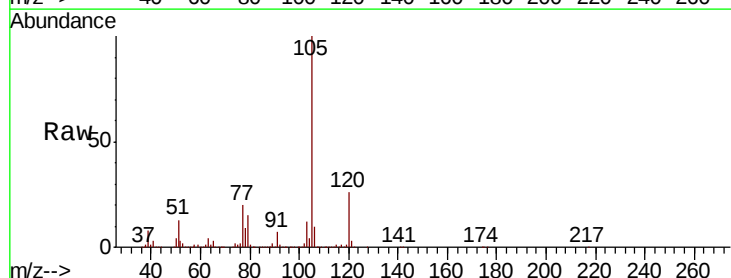
Acq: 2 Mar 2022 11:48

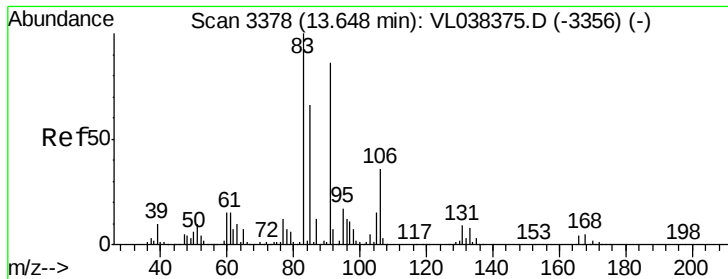
Tgt Ion:105 Resp: 2838405

Ion Ratio Lower Upper

105 100

120 25.2 20.6 30.8



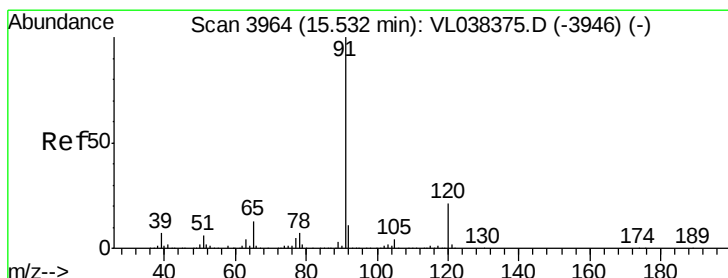
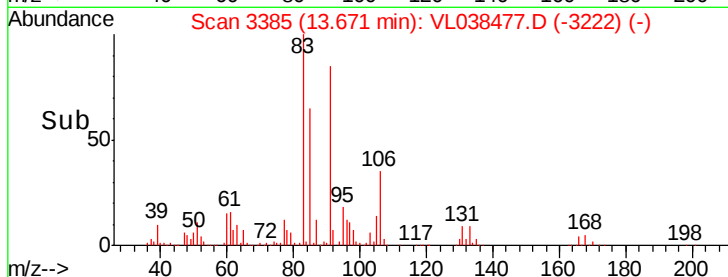
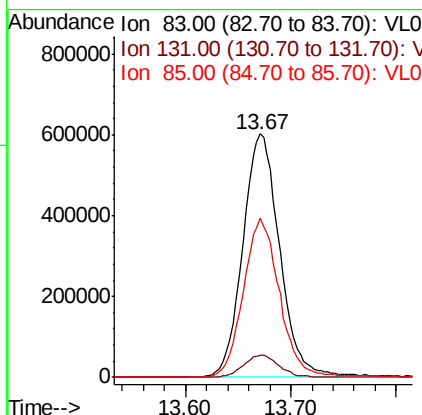
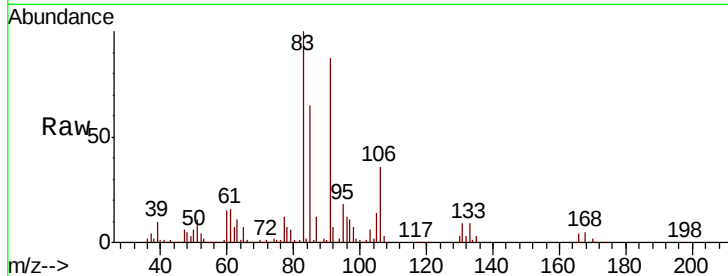


#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.523 ppbv
 RT: 13.67 min
 Delta R.T. 0.02 min
 Lab File: VL0302ABS01
 Acq: 2 Mar 2022 11:48

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

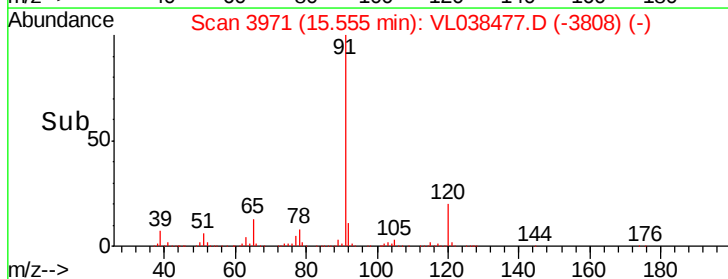
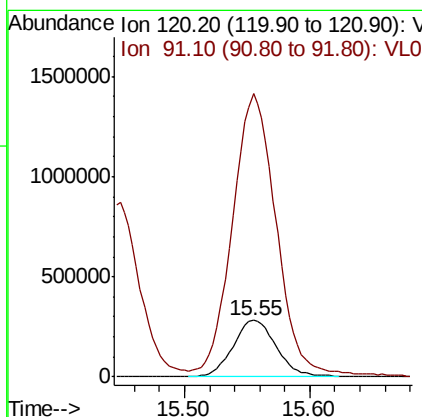
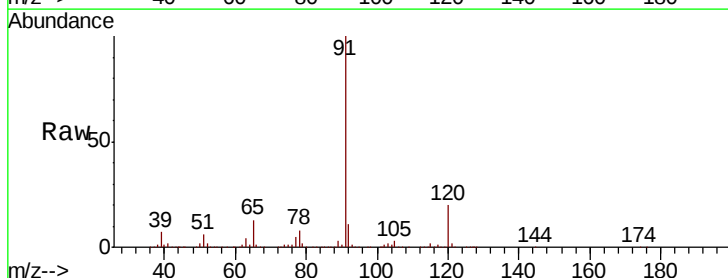
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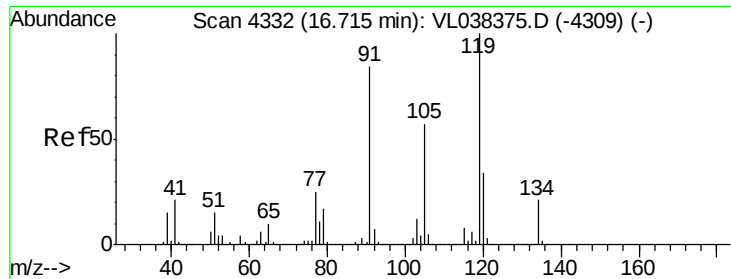
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#64
 n-propylbenzene
 Concen: 8.544 ppbv
 RT: 15.55 min Scan# 3971
 Delta R.T. 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion:120 Resp: 673991
 Ion Ratio Lower Upper
 120 100
 91 512.9 388.1 582.1



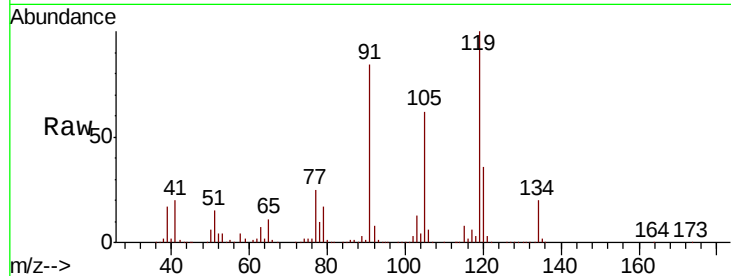


#65
tert-Butylbenzene
Concen: 8.306 ppbv
RT: 16.74 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0302ABS01
Acq: 2 Mar 2022 11:48

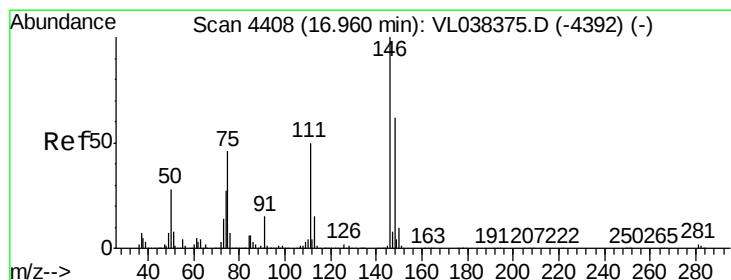
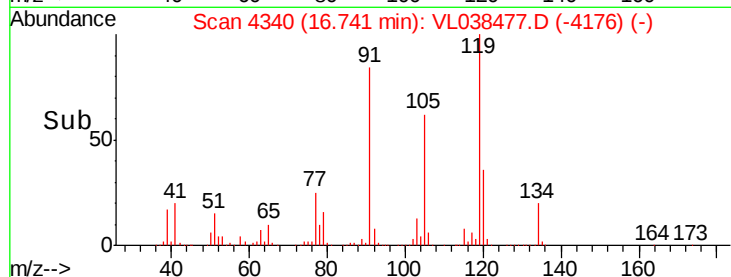
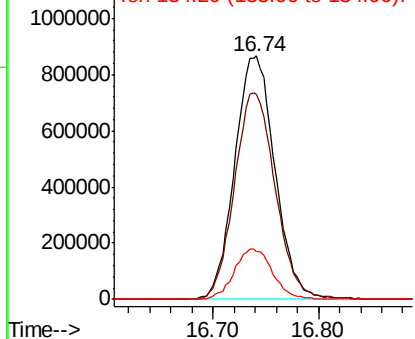
Tot Ion: 1
Ion Ratio
119 100
91 86.
134 19.

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Supervised By : Mahesh Dadoda 03/07/2022

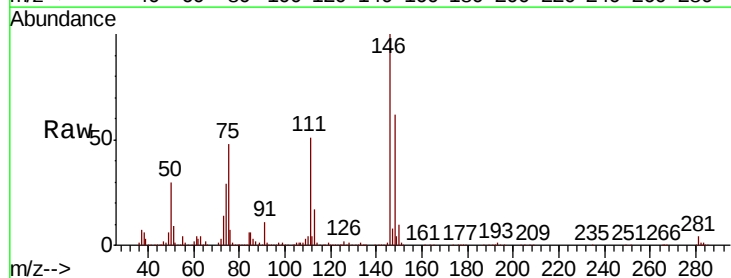


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

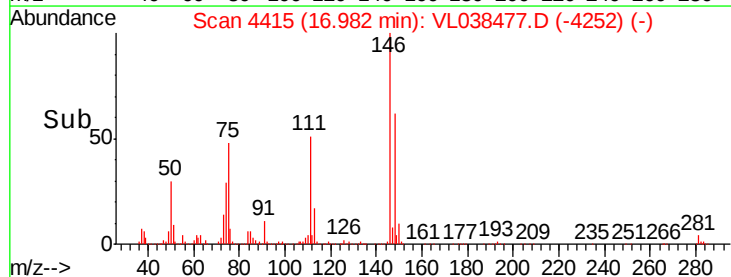
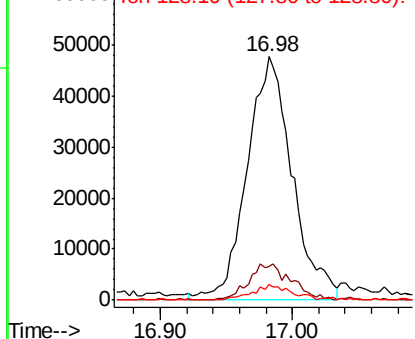


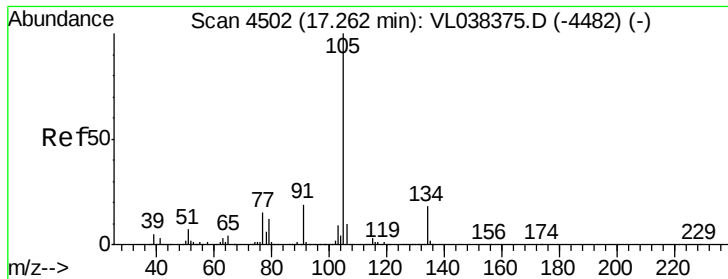
#66
Benzyl Chloride
Concen: 7.633 ppbv m
RT: 16.98 min Scan# 4415
Delta R.T.: 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 91 Resp: 113823
Ion Ratio Lower Upper
91 100
126 14.0 12.3 18.5
128 5.7 4.2 6.4



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



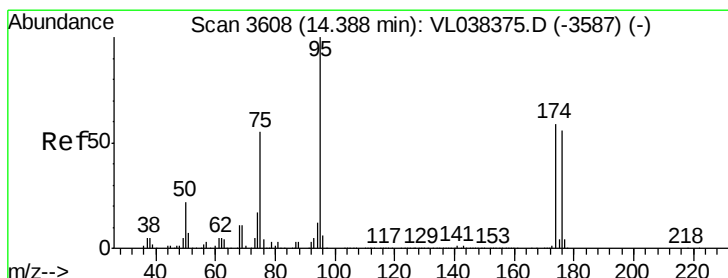
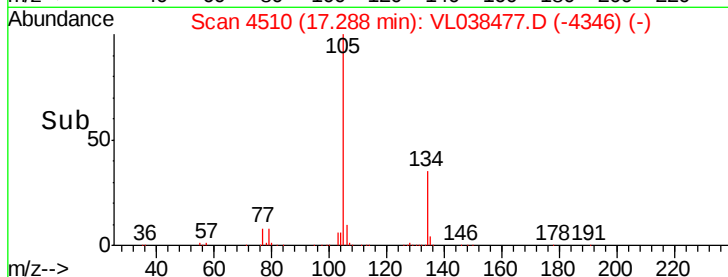
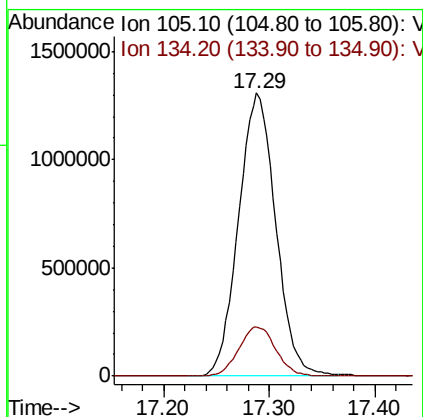
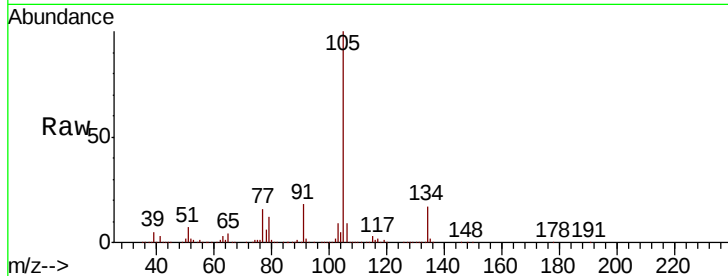


#67
 sec-Butylbenzene
 Concen: 8.186 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion: 1
 Ion Ratio
 105 100
 134 17.

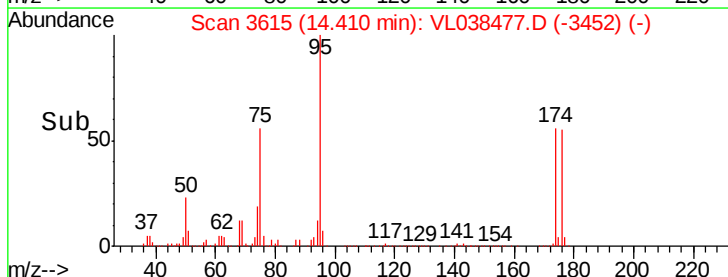
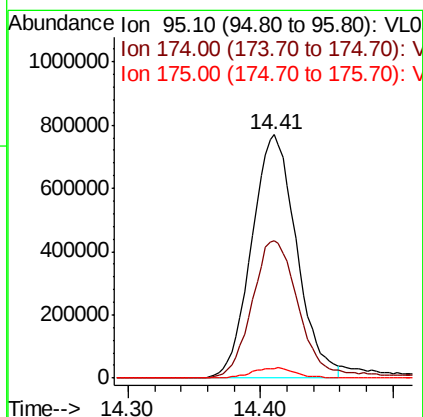
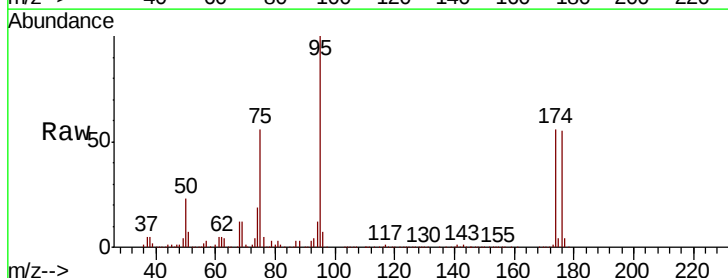
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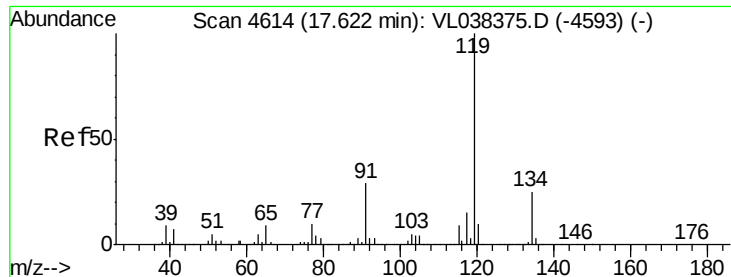
Reviewed By : Semsettin Yesilyurt 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.237 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T.: 0.02 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 95 Resp: 1811248
 Ion Ratio Lower Upper
 95 100
 174 60.7 49.0 73.4
 175 4.5 3.6 5.4



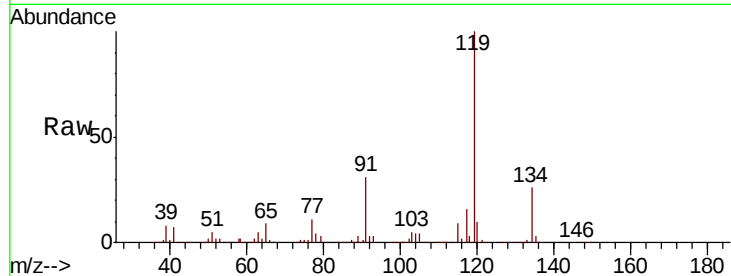


#69
 p-Isopropyltoluene
 Concen: 8.269 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0302ABS01
 Acq: 2 Mar 2022 11:48

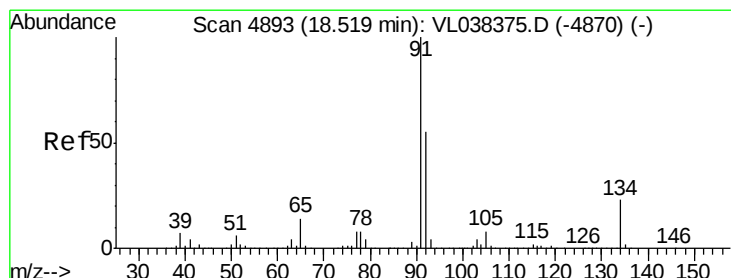
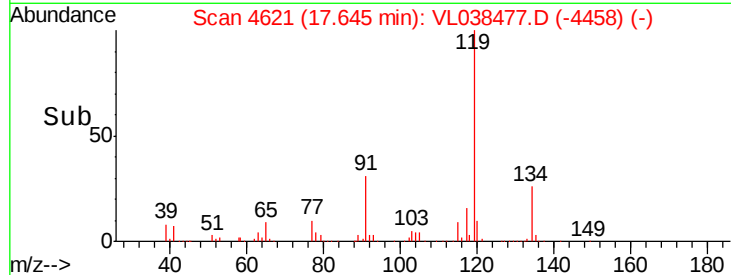
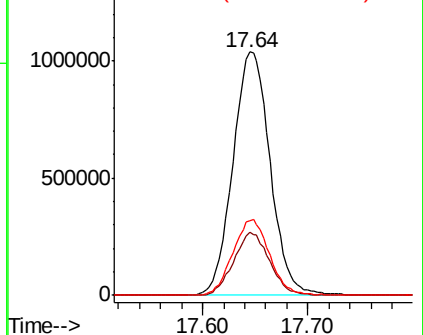
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

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Reviewed By : Semsettin Yesilyurt 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

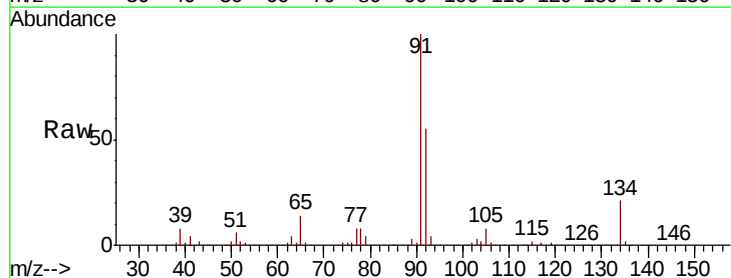


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

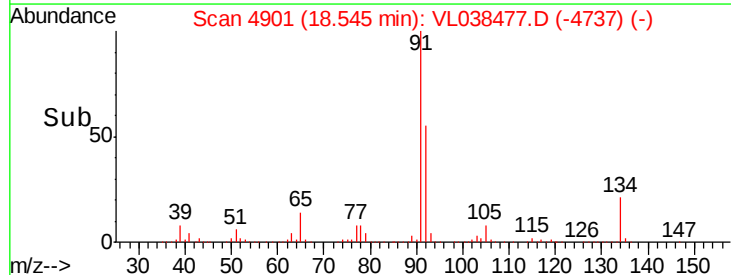
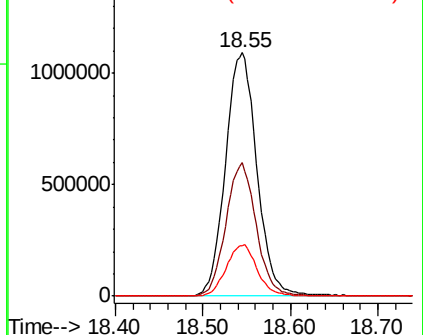


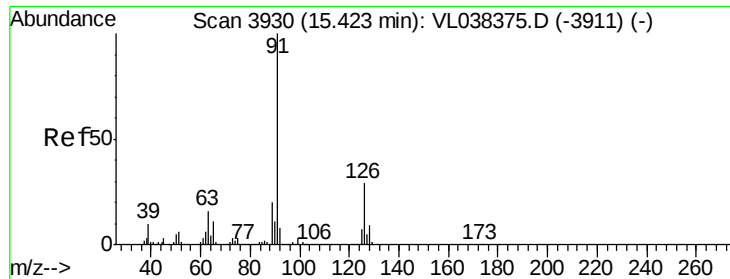
#70
 n-Butylbenzene
 Concen: 8.531 ppbv
 RT: 18.55 min Scan# 4901
 Delta R.T. 0.03 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 91 Resp: 2711515
 Ion Ratio Lower Upper
 91 100
 92 53.4 43.1 64.7
 134 21.0 17.4 26.0



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



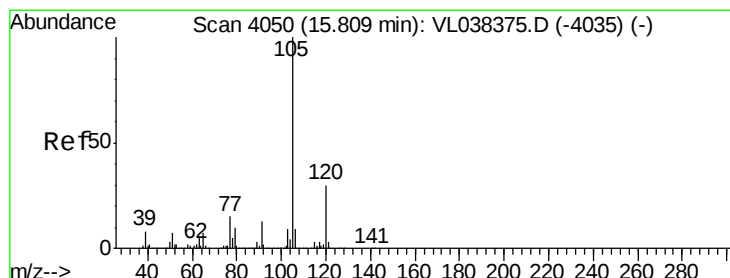
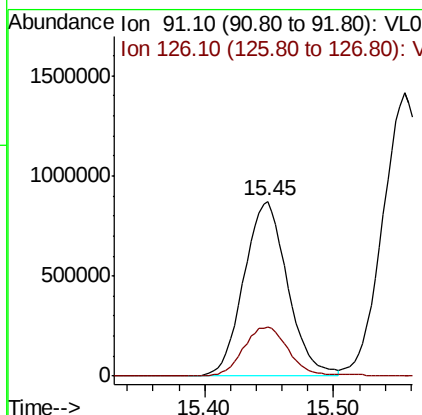
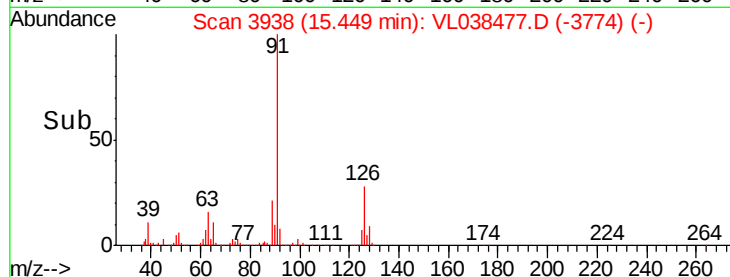
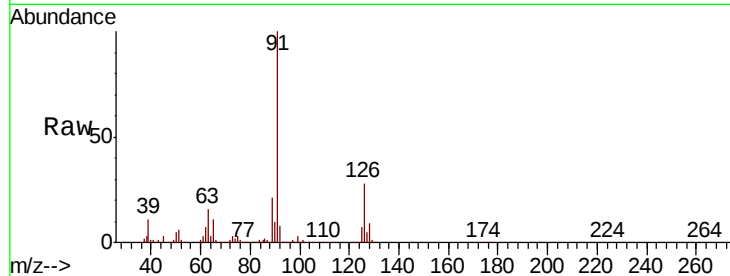


#71
2-Chlorotoluene
Concen: 8.415 ppbv
RT: 15.45 min
Delta R.T. MSVOA_L
Lab File: ClientSampled : VL0302ABS01
Acq: 2 Mar 2022 11:48

Tot Ion:
Ion Ratio
91 100
126 29.

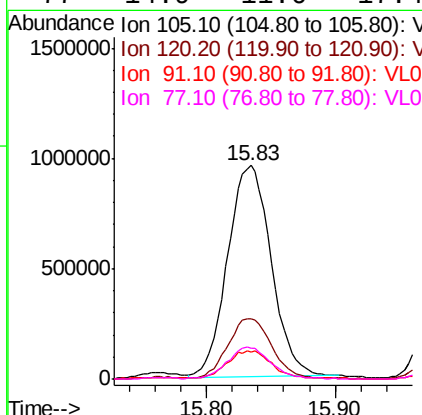
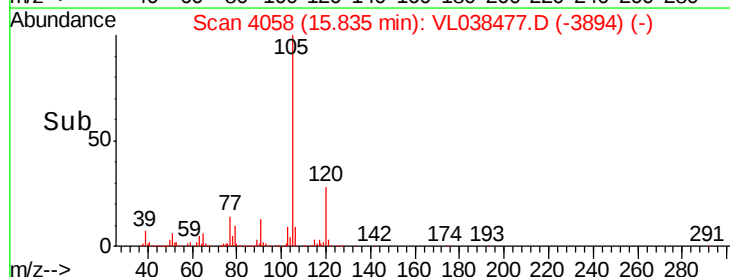
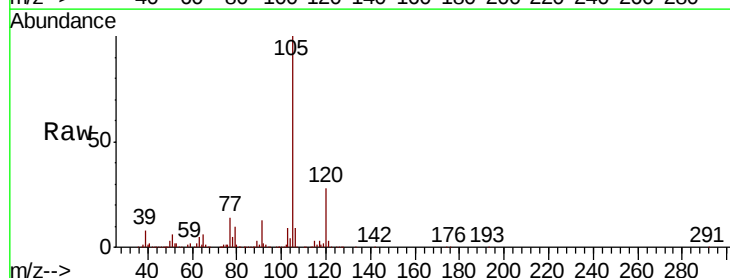
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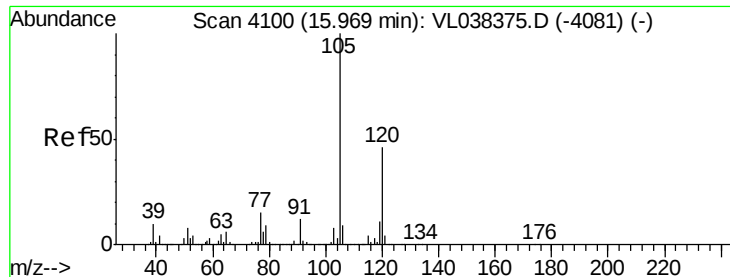
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#72
4-Ethyltoluene
Concen: 8.631 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. 0.03 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion:105 Resp: 2257442
Ion Ratio Lower Upper
105 100
120 30.4 23.4 35.2
91 13.5 10.4 15.6
77 14.9 11.6 17.4



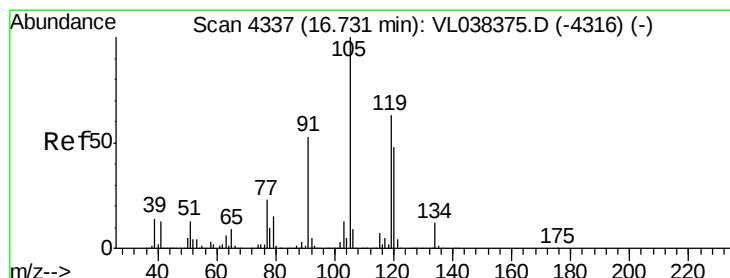
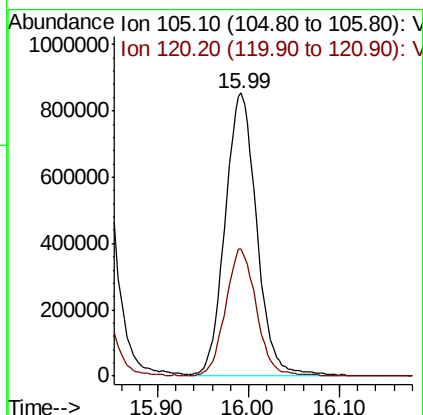
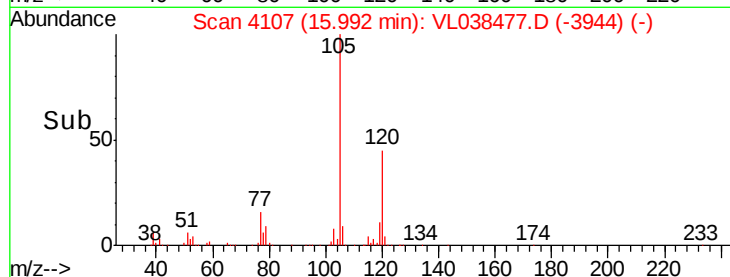
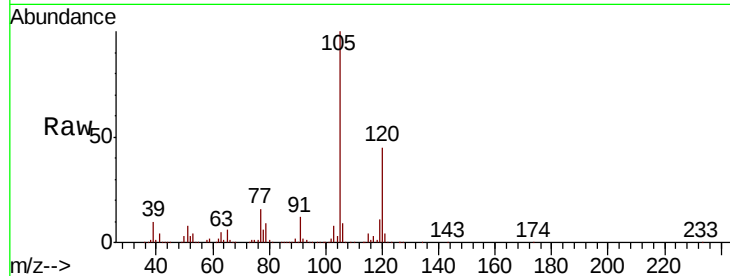


#73
 1,3,5-Trimethylbenzene
 Concen: 8.581 ppbv
 RT: 15.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion:1
 Ion Rati
 105 100
 120 44.

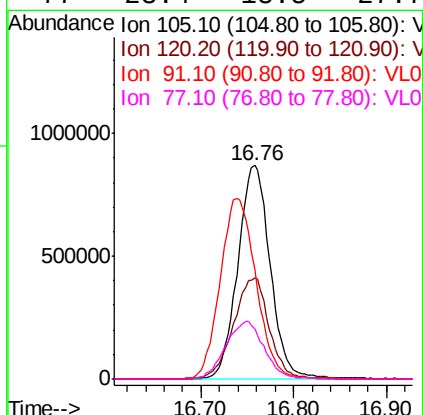
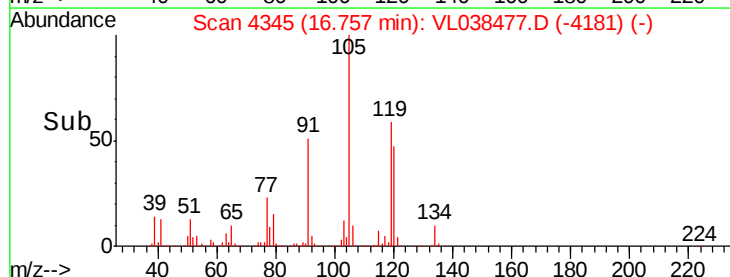
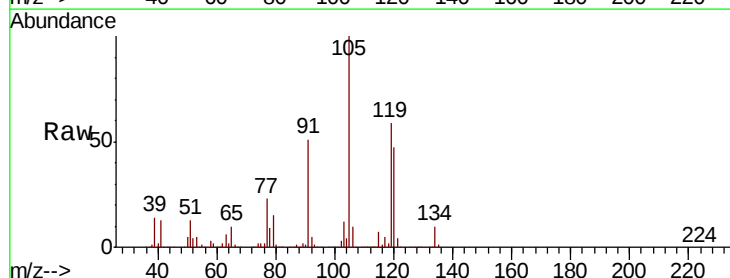
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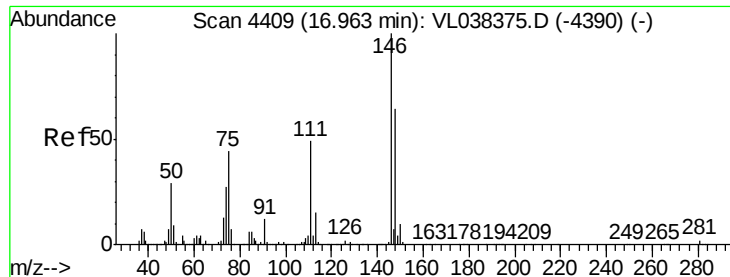
Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 8.382 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. 0.03 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion:105 Resp: 2102185
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.2 57.4
 91 50.9 42.7 64.1
 77 23.4 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 7.930 ppbv

RT: 16.99

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 11:48

Tot Ion:1

Ion Rati

146 100

111 49.

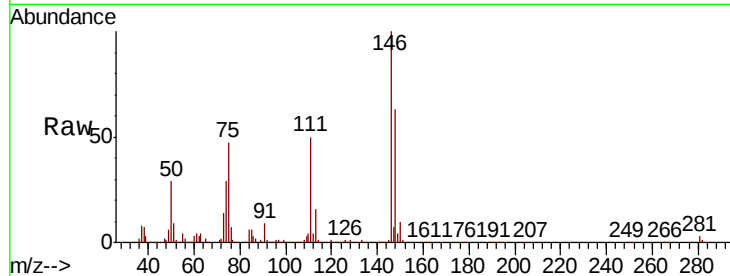
148 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/07/2022

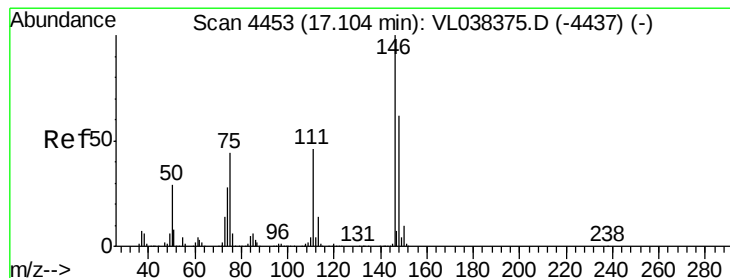
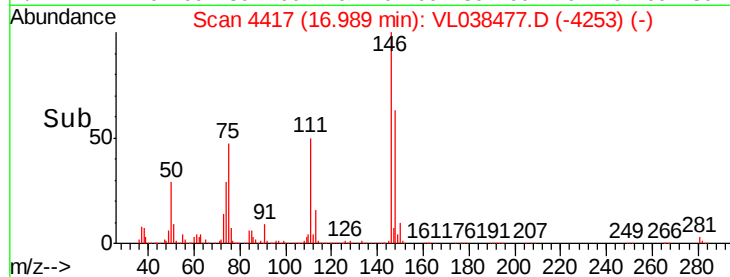
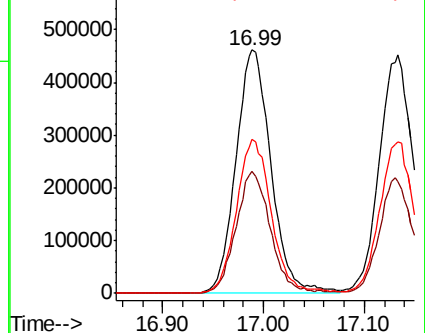
Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 7.714 ppbv

RT: 17.13 min Scan# 4462

Delta R.T. 0.03 min

Lab File: VL038477.D

Acq: 2 Mar 2022 11:48

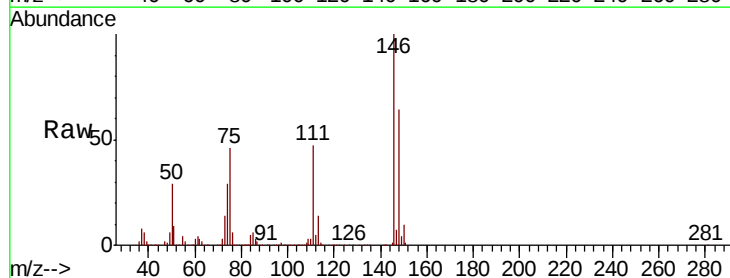
Tgt Ion:146 Resp: 1068479

Ion Ratio Lower Upper

146 100

111 48.6 24.1 72.2

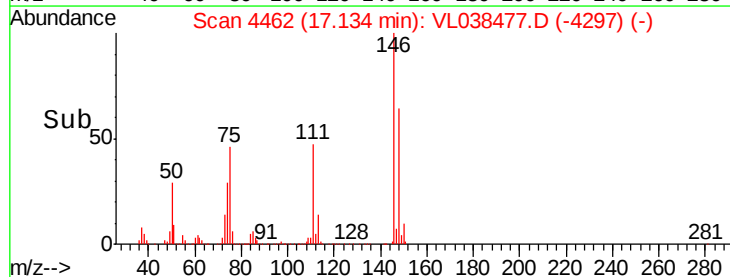
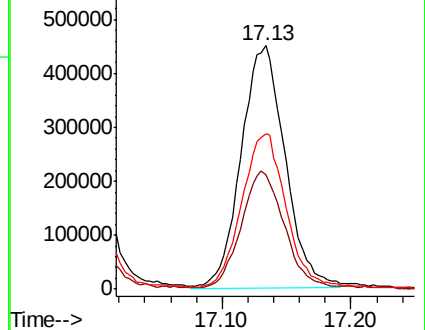
148 65.9 32.8 98.4

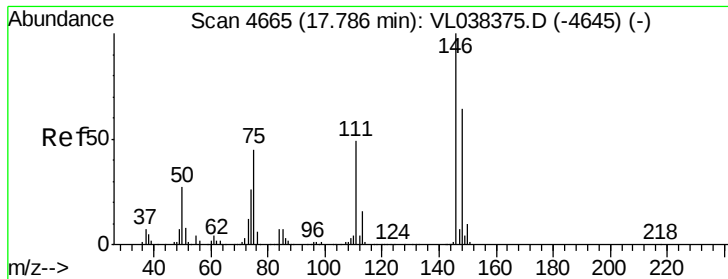


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



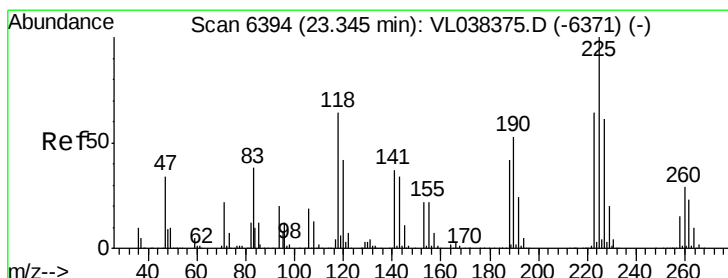
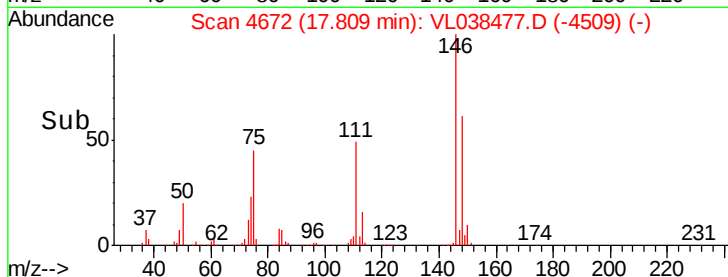
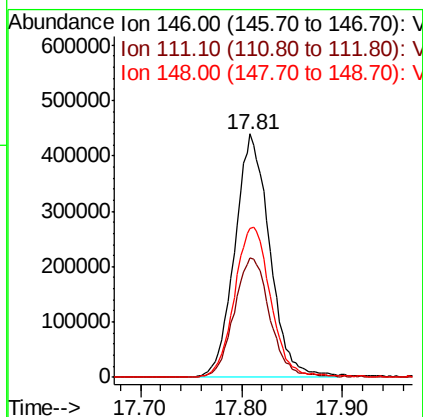
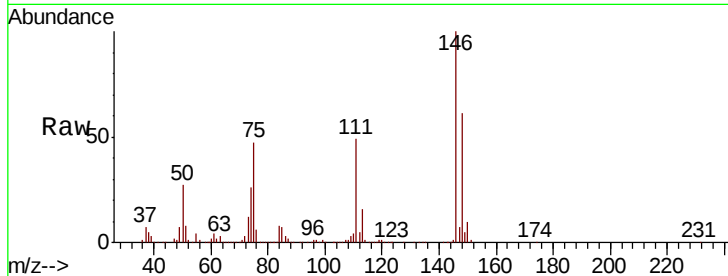


#77
 1,2-Dichlorobenzene
 Concen: 7.788 ppbv
 RT: 17.81 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion: 1
 Ion Ratio
 146 100
 111 51.
 148 64.

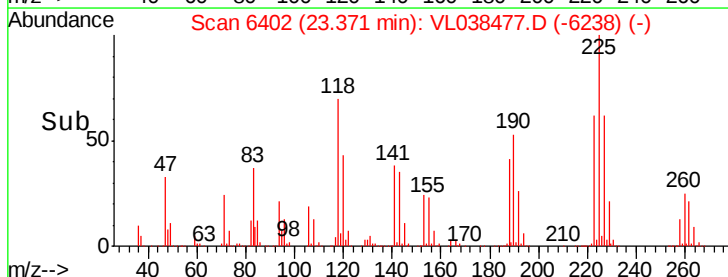
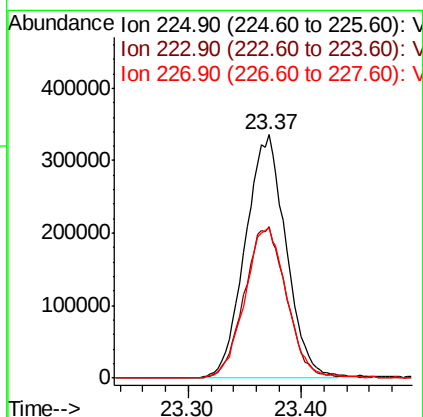
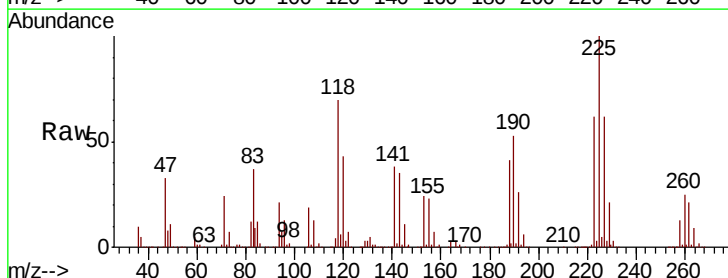
Manual Integrations
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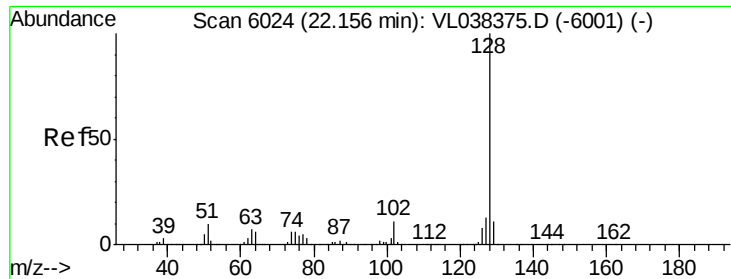
Reviewed By : Semsettin Yesilyurt 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.155 ppbv
 RT: 23.37 min Scan# 6402
 Delta R.T. 0.03 min
 Lab File: VL038477.D
 Acq: 2 Mar 2022 11:48

Tgt Ion: 225 Resp: 840964
 Ion Ratio Lower Upper
 225 100
 223 64.5 52.0 78.0
 227 64.0 51.6 77.4



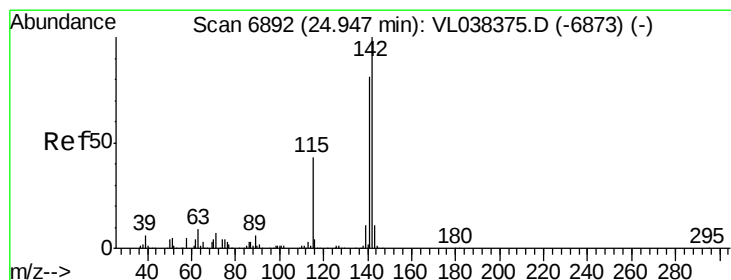
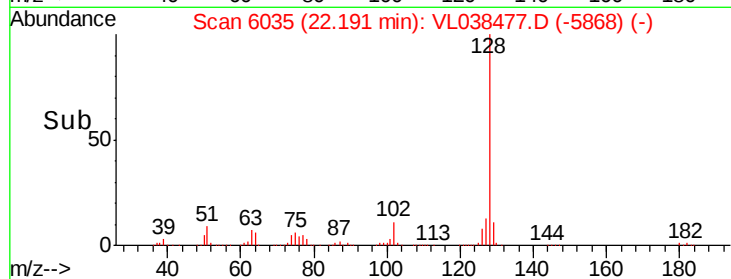
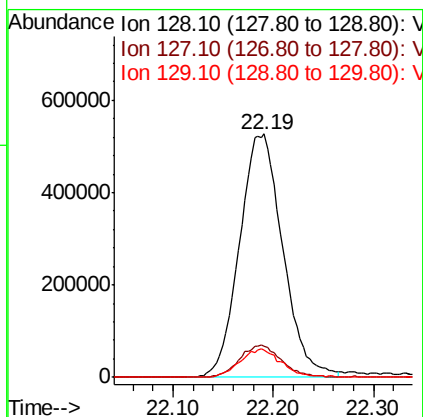
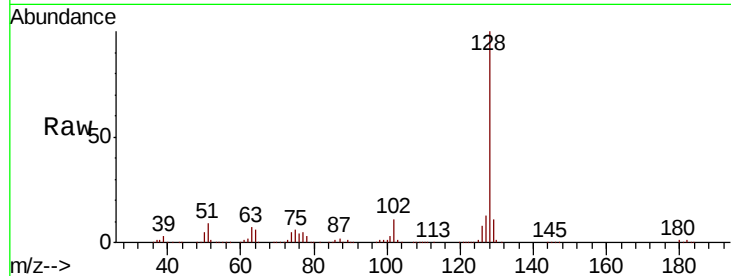


#79
Naphthalene
Concen: 11.606 ppbv m
RT: 22.19 min
Instrument: MSVOA_L
Delta R.T.: 0.02 min
Lab File: VL0302ABS01
Acq: 2 Mar 2022 11:48

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

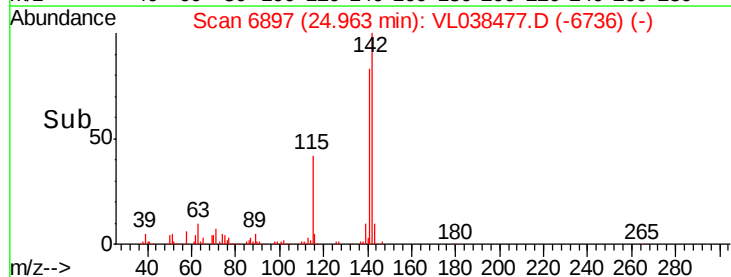
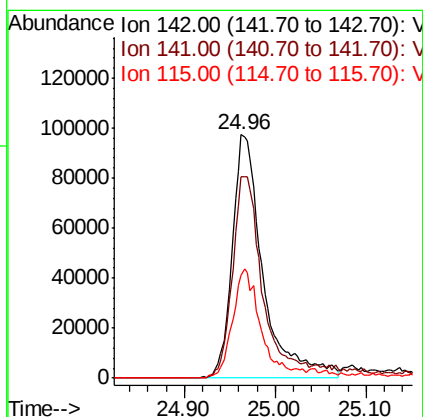
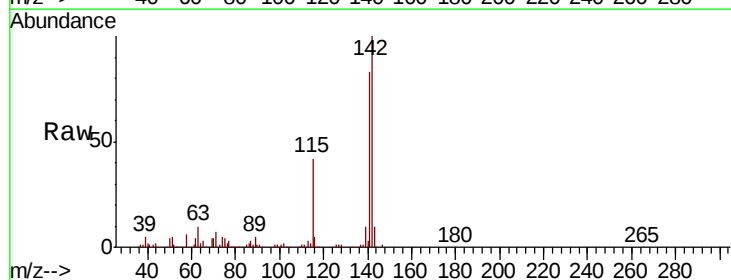
Manual Integrations
APPROVED

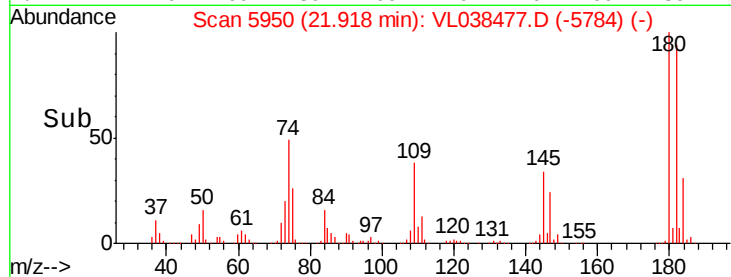
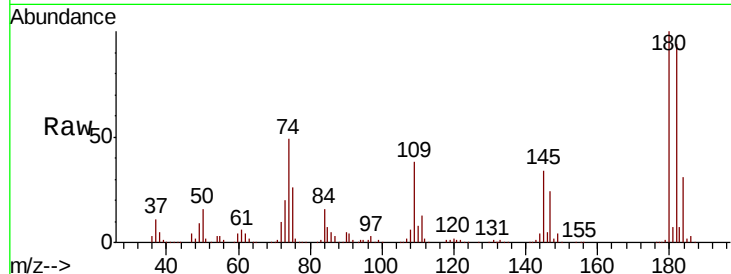
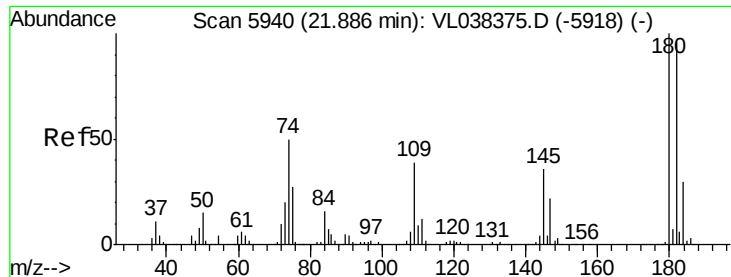
Reviewed By : Semsettin Yesilyurt 03/07/2022
Supervised By : Mahesh Dadoda 03/07/2022



#80
Naphthalene, 2-methyl-
Concen: 8.625 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: 0.02 min
Lab File: VL038477.D
Acq: 2 Mar 2022 11:48

Tgt Ion: 142 Resp: 229031
Ion Ratio Lower Upper
142 100
141 87.7 69.8 104.6
115 44.4 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.384 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0302ABS01
 Acq: 2 Mar 2022 11:48

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 30.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

