

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\
 Data File : VL038506.D
 Acq On : 3 Mar 2022 6:32
 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: Mar 03 07:14:34 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

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	866753	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	2035391	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	2018023m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1731120	10.37	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1841661	13.415	ppbv 98
3) Chlorodifluoromethane	3.00	51	1526147	9.971	ppbv 99
4) Chloromethane	3.15	50	516703	9.716	ppbv 100
5) Vinyl Chloride	3.27	62	522510	9.399	ppbv 97
6) Bromomethane	3.48	94	293698	10.015	ppbv 100
7) Chloroethane	3.56	64	187873	10.522	ppbv 99
8) Dichlorotetrafluoroethane	3.20	85	1310876	10.265	ppbv 100
9) Propene	3.02	41	486153	9.620	ppbv 99
10) Heptane	8.13	43	1316484	10.702	ppbv 99
11) Trichlorofluoromethane	3.96	101	1350754	10.277	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.49	101	969598	10.062	ppbv 100
13) Ethanol	3.61	45	45600m	9.042	ppbv
14) Bromoethene	3.75	108	387037	10.082	ppbv 98
15) Acetone	3.86	43	667470	9.055	ppbv 100
16) 1,3-Butadiene	3.34	39	512367	10.407	ppbv 96
17) tert-Butyl alcohol	4.29	59	670189	9.114	ppbv 100
18) 1,1-Dichloroethene	4.30	96	426889	10.090	ppbv 97
19) Isopropyl Alcohol	3.97	45	348401	8.163	ppbv # 94
20) Methylene Chloride	4.35	84	347254	9.508	ppbv 97
21) Allyl Chloride	4.42	41	612943	9.846	ppbv 99
22) trans-1,2-Dichloroethene	4.89	96	436770	10.232	ppbv 99
23) Vinyl Acetate	5.08	43	937985	9.603	ppbv 99
24) 1,1-Dichloroethane	5.01	63	889099	10.124	ppbv 99
25) Ethyl Acetate	5.68	43	2059767	10.401	ppbv 99
26) Hexane	5.69	57	932910	10.403	ppbv 99
27) Carbon Disulfide	4.56	76	1052223	10.548	ppbv 99
28) Methyl tert-Butyl Ether	5.04	73	921024	10.083	ppbv 99
29) Chloroform	5.76	83	1542075	10.536	ppbv 98
30) Cyclohexane	7.14	84	771628	10.521	ppbv 99
31) cis-1,2-Dichloroethene	5.56	61	959441	11.043	ppbv 97
32) 1,1,1-Trichloroethane	6.52	97	1538508	10.452	ppbv 99
34) 2-Butanone	5.25	43	870218	13.594	ppbv 99
35) Carbon Tetrachloride	7.02	117	1584153	11.068	ppbv 98
36) Benzene	6.90	78	1915622	10.691	ppbv 97
37) 1,2-Dichloroethane	6.31	62	1166066	11.262	ppbv 99
38) Trichloroethene	7.84	130	680532	10.427	ppbv 98
39) 1,2-Dichloropropane	7.62	63	763690	10.700	ppbv 96
40) 1,4-Dioxane	7.83	88	167481	9.893	ppbv # 1
41) Tetrahydrofuran	6.06	42	481538	11.133	ppbv 99
42) Bromodichloromethane	7.80	83	1672641	11.187	ppbv 100
43) Methyl Methacrylate	8.01	69	718945	11.542	ppbv 100

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 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 07:14:34 2022

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

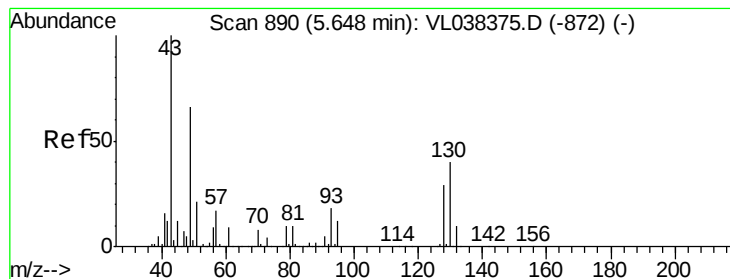
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3312112	10.754	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	546007	10.968	ppbv	98
46) cis-1,3-Dichloropropene	8.71	75	695216	10.655	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	774918	10.913	ppbv	99
48) Dibromochloromethane	10.31	129	1339990	11.541	ppbv	100
49) Bromoform	13.04	173	1053632	12.294	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	1337639	11.819	ppbv	100
51) 2-Hexanone	10.14	43	600013	11.841	ppbv #	99
52) Tetrachloroethene	11.23	164	609042	10.239	ppbv	97
53) Toluene	9.81	91	2159196	11.098	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1126893	11.274	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.13	131	892947	10.616	ppbv	100
57) Chlorobenzene	12.15	112	1550120	9.956	ppbv	96
58) Ethyl Benzene	12.71	91	2959590	10.725	ppbv	99
59) m/p-Xylene	13.00	91	5046987m	21.296	ppbv	
60) o-Xylene	13.70	91	2419423	10.799	ppbv	99
61) Styrene	13.53	104	1208619	11.696	ppbv	99
62) Isopropylbenzene	14.67	105	3185474	10.594	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	1791021	9.839	ppbv	99
64) n-propylbenzene	15.56	120	803801	10.797	ppbv	95
65) tert-Butylbenzene	16.74	119	2777583	10.665	ppbv	99
66) Benzyl Chloride	16.99	91	155283	11.034	ppbv	98
67) sec-Butylbenzene	17.29	105	3947532	10.698	ppbv	99
69) p-Isopropyltoluene	17.65	119	3178627	10.966	ppbv	98
70) n-Butylbenzene	18.55	91	3461666	11.541	ppbv	99
71) 2-Chlorotoluene	15.46	91	2497551	10.802	ppbv	99
72) 4-Ethyltoluene	15.84	105	2758062	11.173	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	2482050	11.072	ppbv	98
74) 1,2,4-Trimethylbenzene	16.76	105	2615206	11.050	ppbv	98
75) 1,3-Dichlorobenzene	17.00	146	1397217	10.541	ppbv	98
76) 1,4-Dichlorobenzene	17.14	146	1398232m	10.697	ppbv	
77) 1,2-Dichlorobenzene	17.82	146	1340443	10.505	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	992758m	10.202	ppbv	
79) Naphthalene	22.19	128	1698781	13.247	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	250695	10.004	ppbv	97
81) 1,2,4-Trichlorobenzene	21.92	180	957022	12.343	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32

Tot Ion:

Ion Ratio

49 100

128 47.

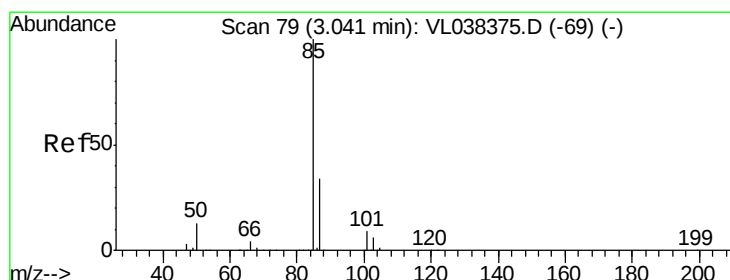
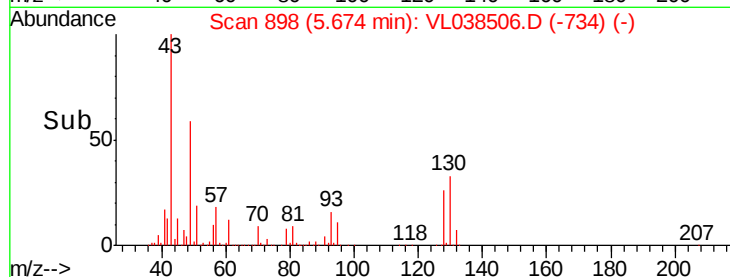
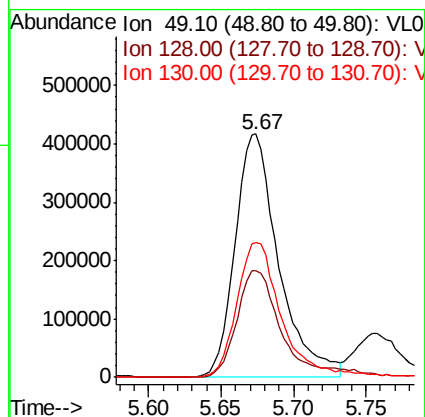
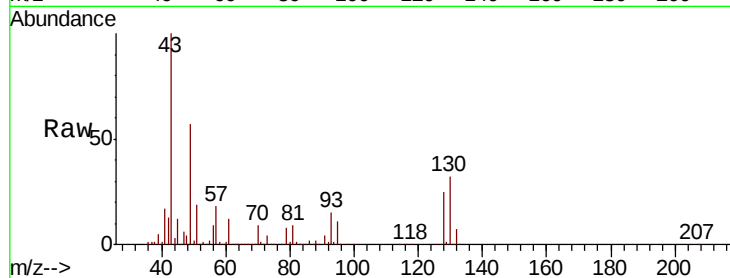
130 58.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#2

Dichlorodifluoromethane

Concen: 13.415 ppbv

RT: 3.06 min Scan# 84

Delta R.T. 0.02 min

Lab File: VL038506.D

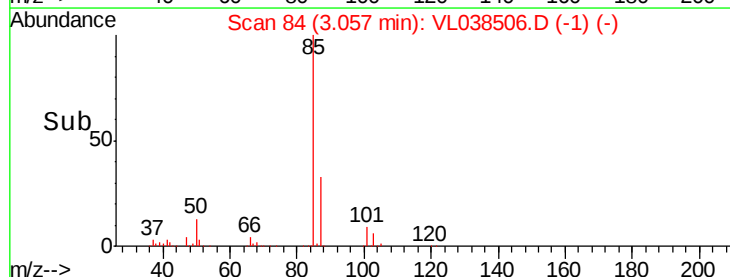
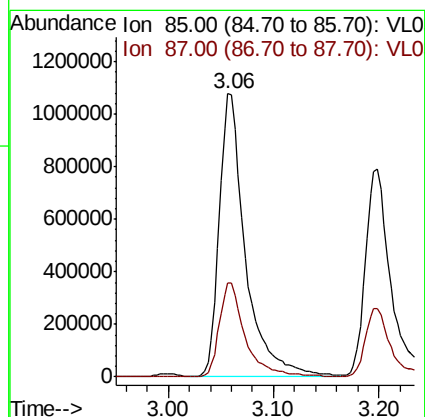
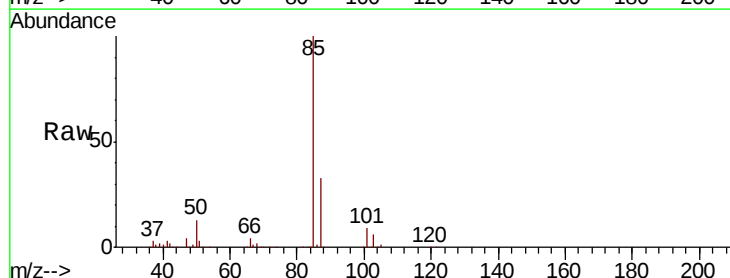
Acq: 3 Mar 2022 6:32

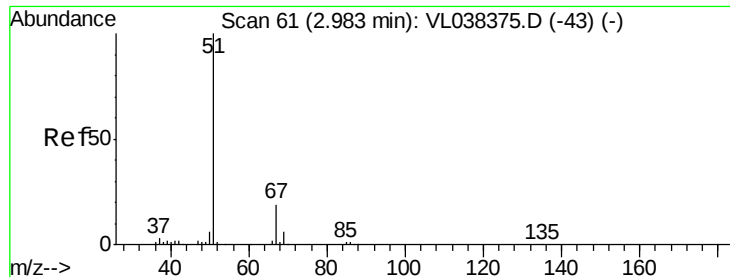
Tgt Ion: 85 Resp: 1841661

Ion Ratio Lower Upper

85 100

87 33.2 27.4 41.0





#3

Chlorodifluoromethane

Concen: 9.971 ppbv

RT: 3.00 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

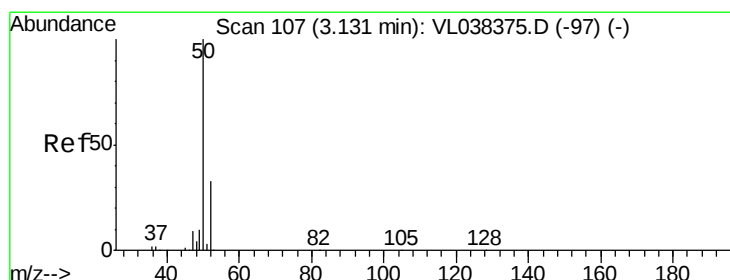
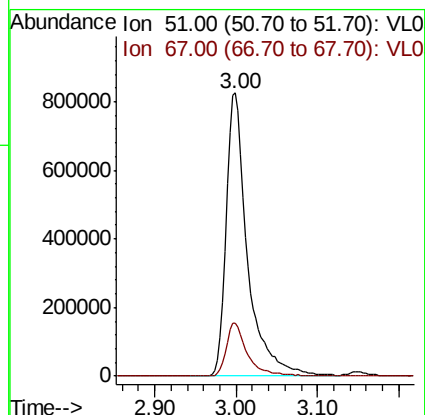
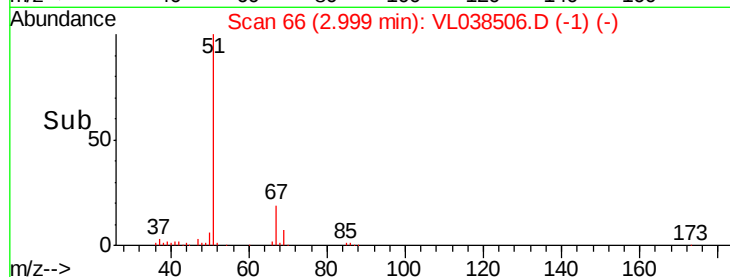
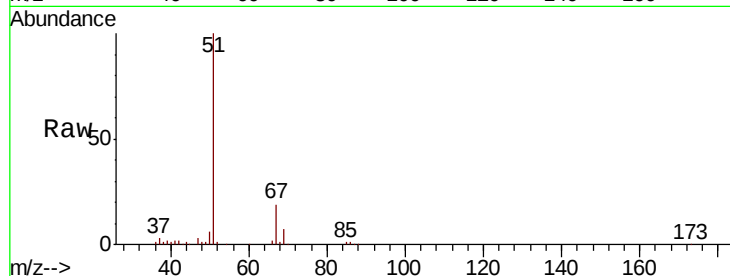
67 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#4

Chloromethane

Concen: 9.716 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.02 min

Lab File: VL038506.D

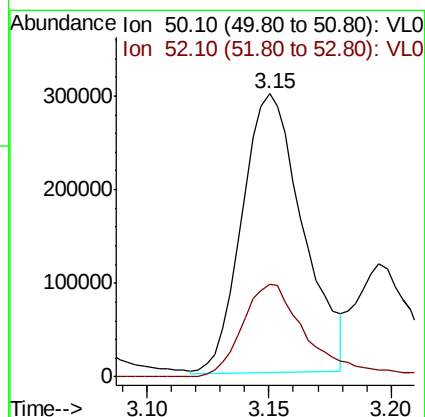
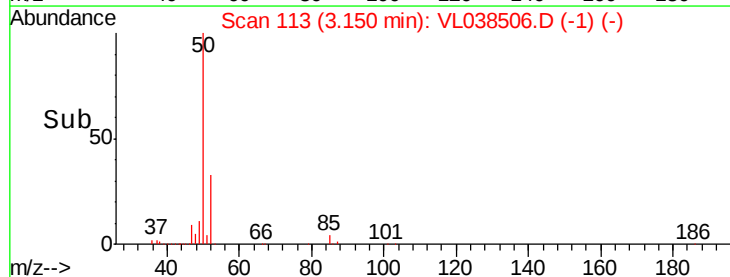
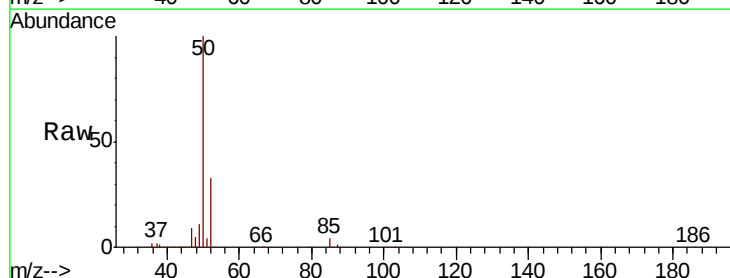
Acq: 3 Mar 2022 6:32

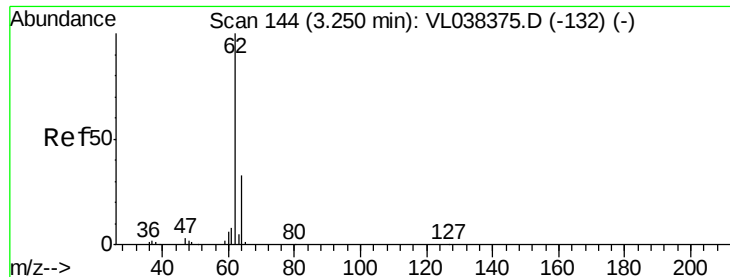
Tgt Ion: 50 Resp: 516703

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7





#5

Vinyl Chloride

Concen: 9.399 ppbv

RT: 3.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 3 Mar 2022 6:32 VSTDCC010EC

Tot Ion:

Ion Ratio

62 100

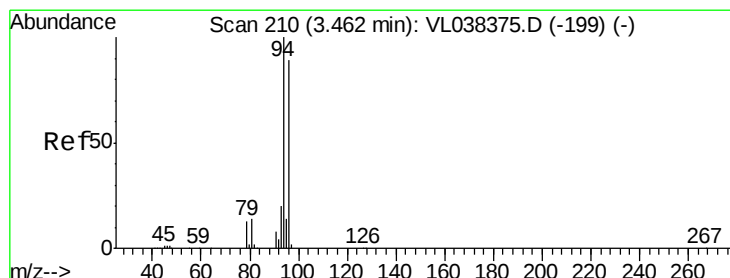
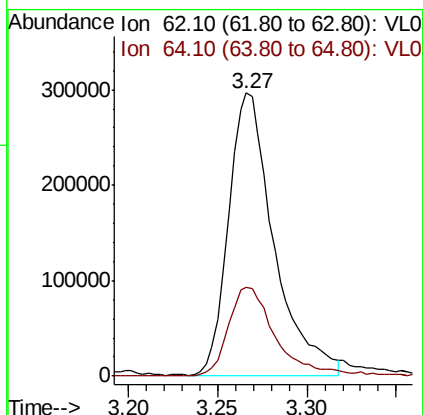
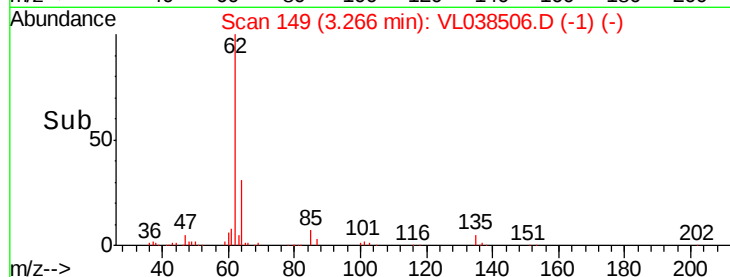
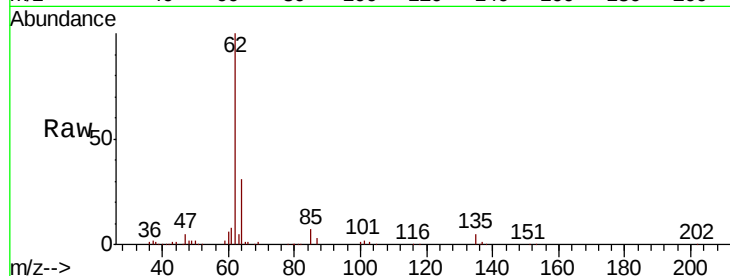
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#6

Bromomethane

Concen: 10.015 ppbv

RT: 3.48 min Scan# 216

Delta R.T. 0.02 min

Lab File: VL038506.D

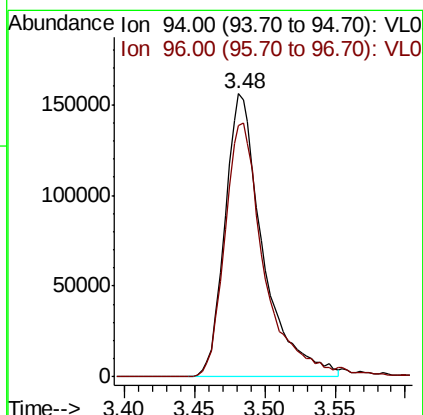
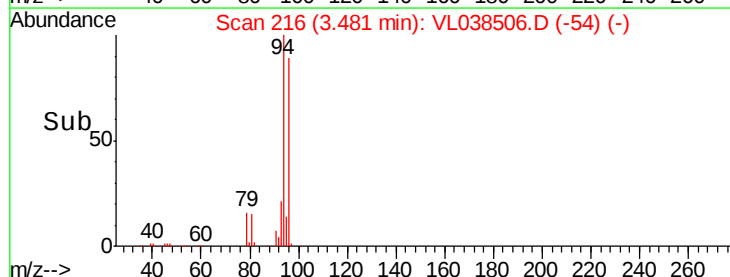
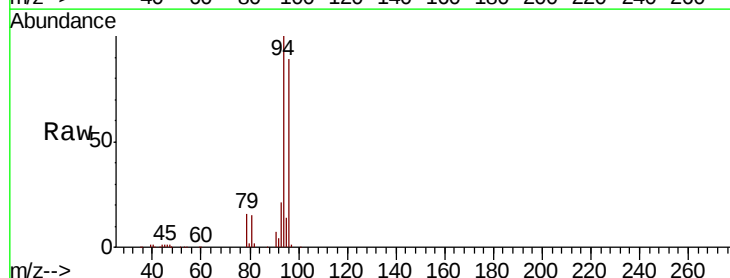
Acq: 3 Mar 2022 6:32

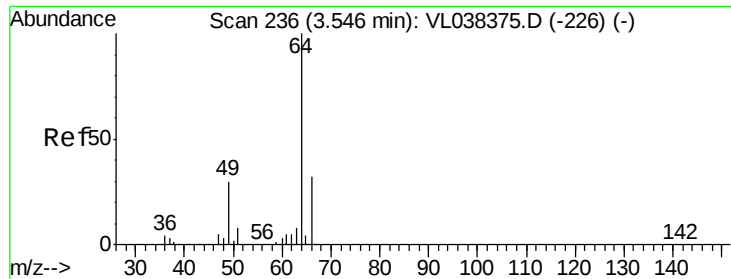
Tgt Ion: 94 Resp: 293698

Ion Ratio Lower Upper

94 100

96 88.9 71.0 106.6





#7

Chloroethane

Concen: 10.522 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

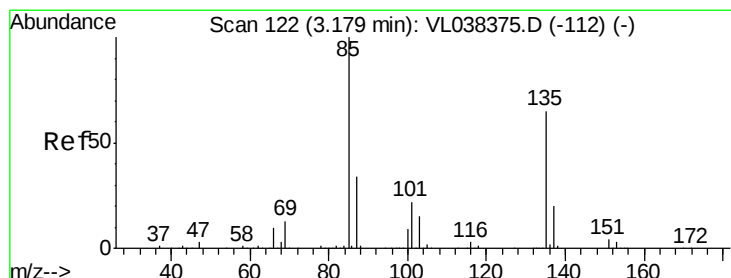
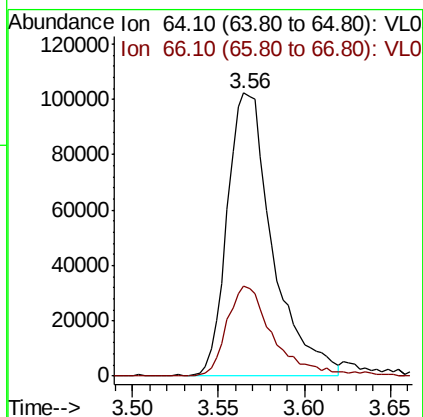
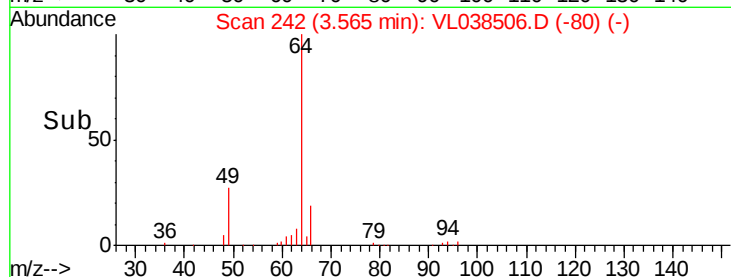
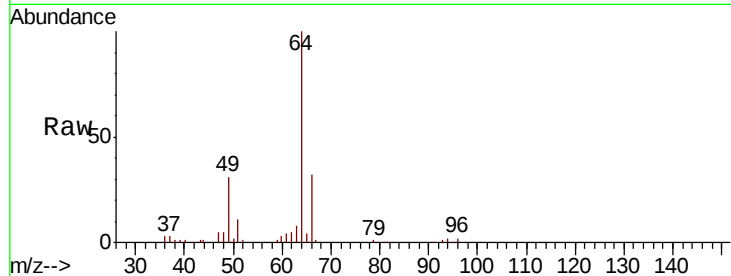
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#8

Dichlorotetrafluoroethane

Concen: 10.265 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.02 min

Lab File: VL038506.D

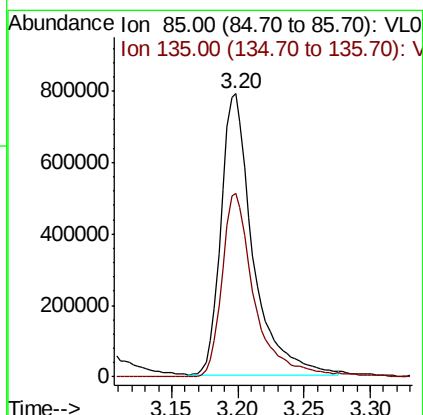
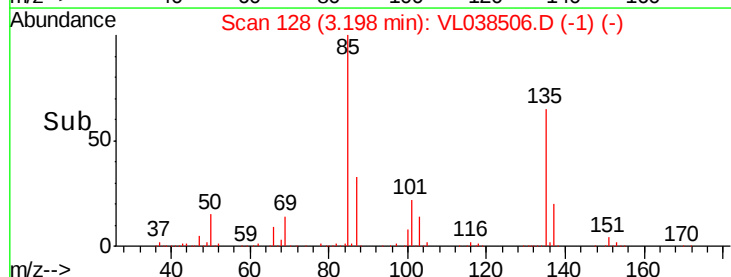
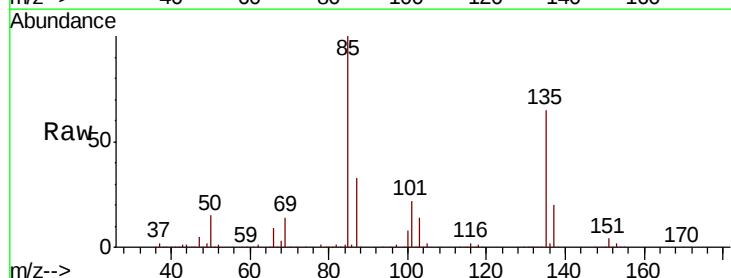
Acq: 3 Mar 2022 6:32

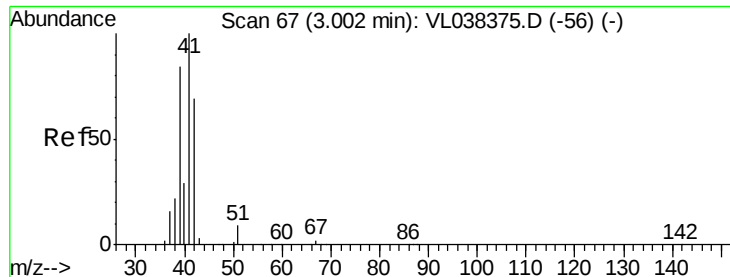
Tgt Ion: 85 Resp: 1310876

Ion Ratio Lower Upper

85 100

135 67.8 54.1 81.1



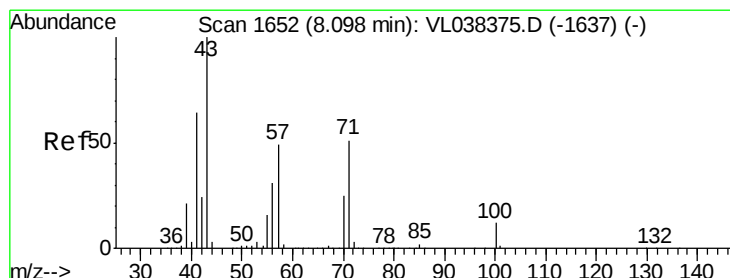
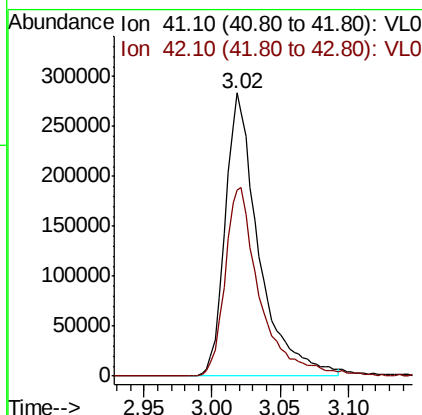
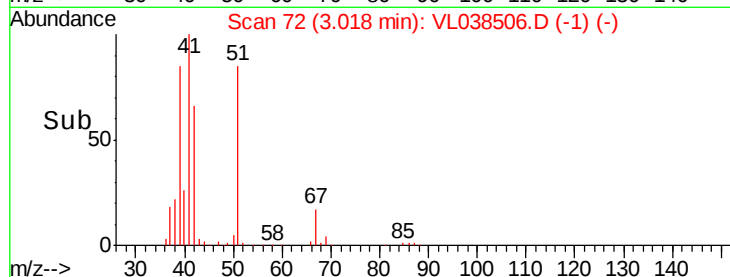
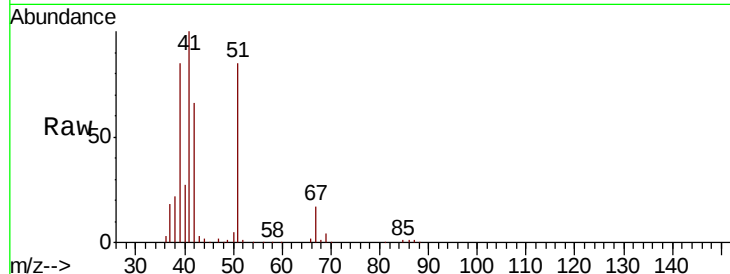


#9
 Propene
 Concen: 9.620 ppbv
 RT: 3.02
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 41 100
 42 69.

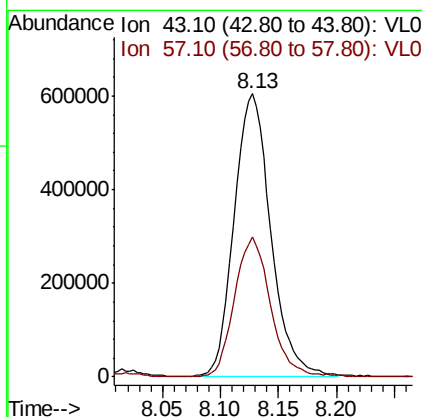
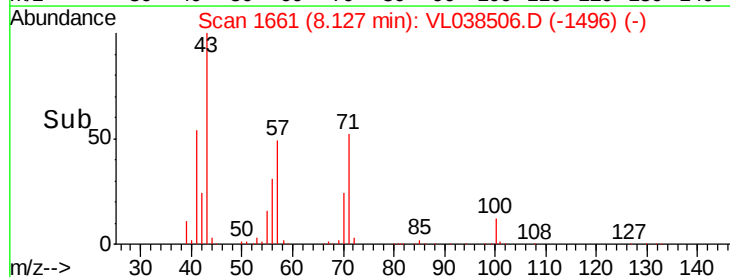
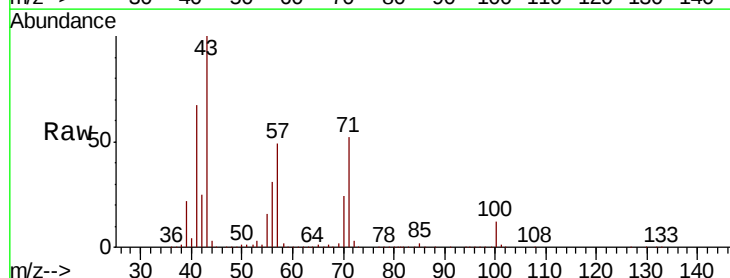
Manual Integrations
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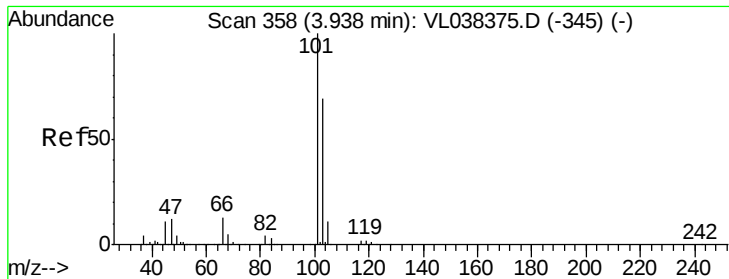
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#10
 Heptane
 Concen: 10.702 ppbv
 RT: 8.13 min Scan# 1661
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 43 Resp: 1316484
 Ion Ratio Lower Upper
 43 100
 57 49.1 39.8 59.8



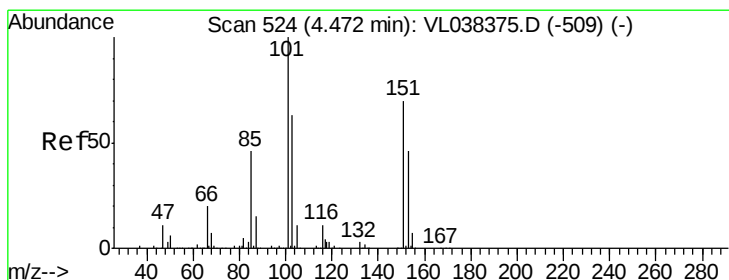
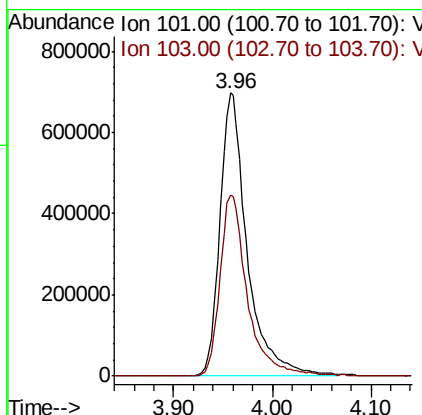
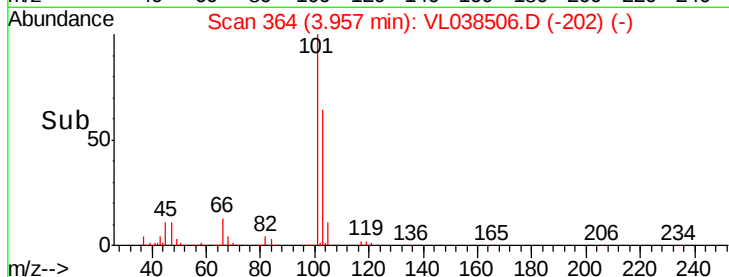
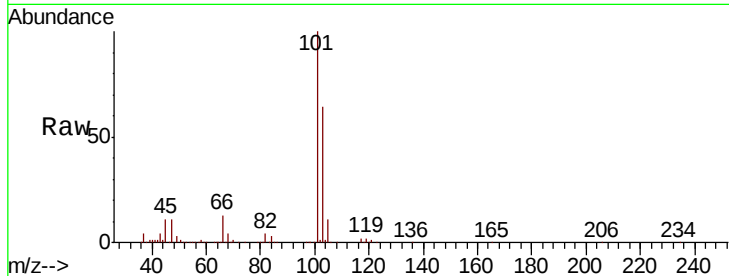


#11
 Trichlorofluoromethane
 Concen: 10.277 ppbv
 RT: 3.96
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

Tot Ion:1
 Ion Rati
 101 100
 103 64.

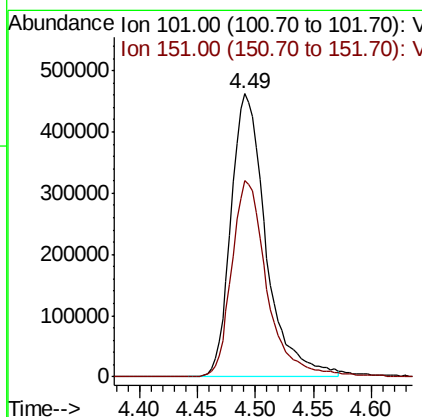
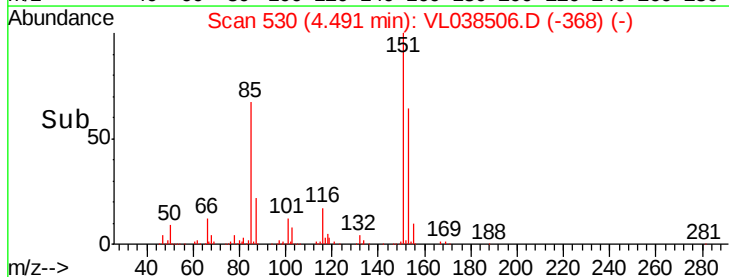
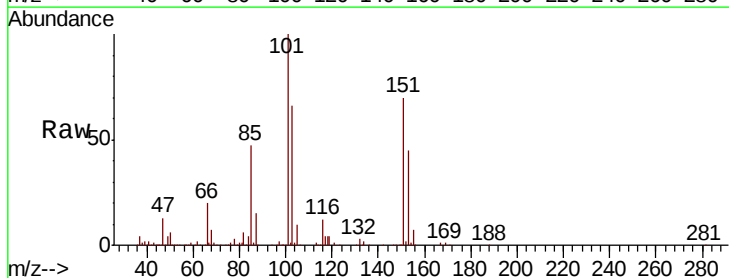
Manual Integrations
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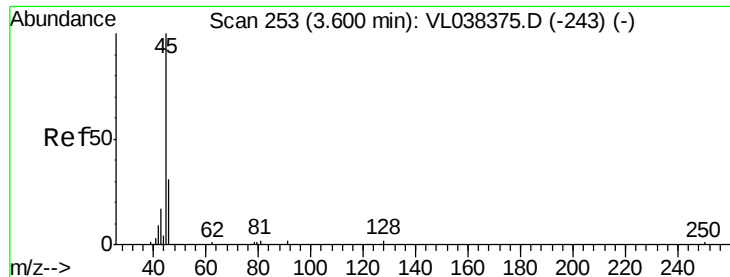
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.062 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:101 Resp: 969598
 Ion Ratio Lower Upper
 101 100
 151 70.3 55.9 83.9





#13

Ethanol

Concen: 9.042 ppbv m

RT: 3.61 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 0:32 VSTDCC010EC

Tot Ion:

Ion Ratio

45 100

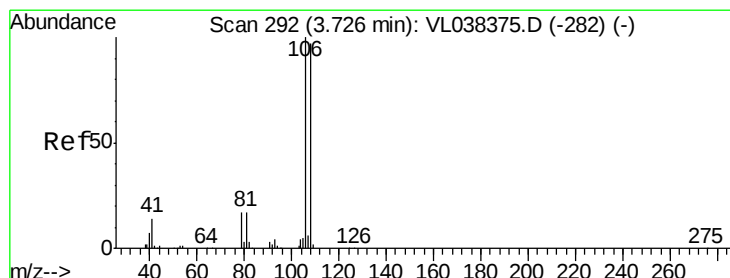
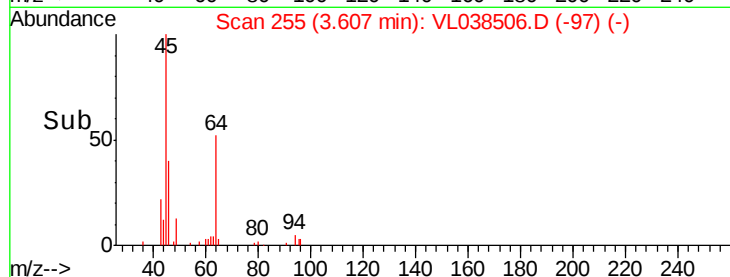
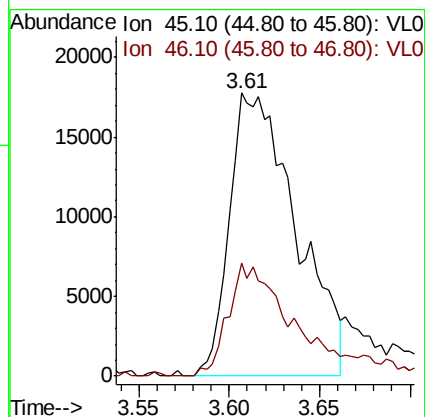
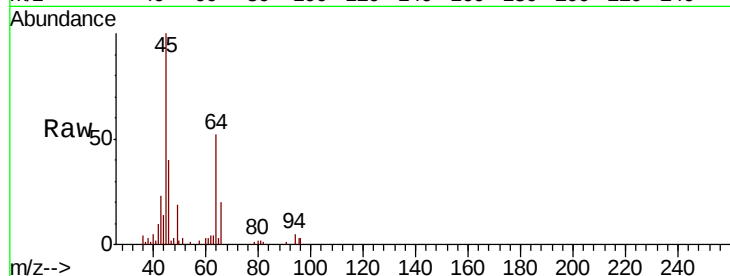
46 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#14

Bromoethene

Concen: 10.082 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.02 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

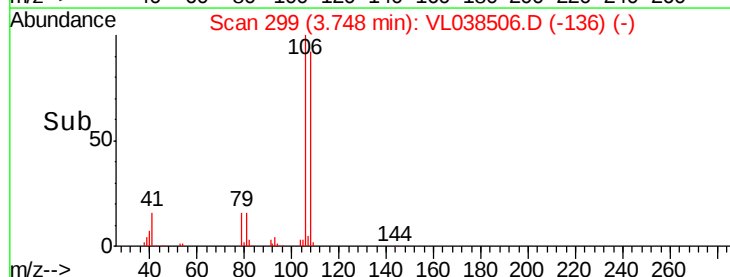
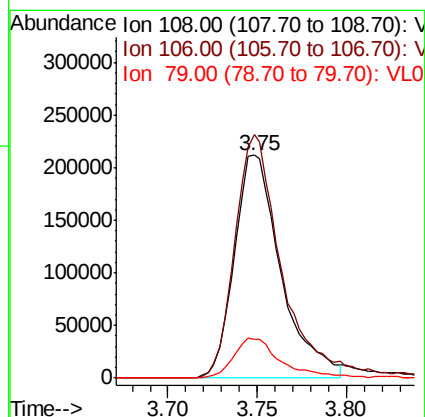
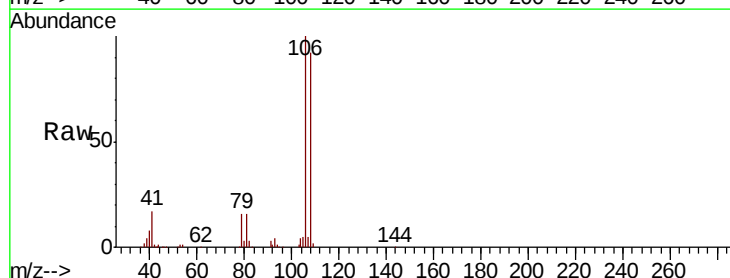
Tgt Ion:108 Resp: 387037

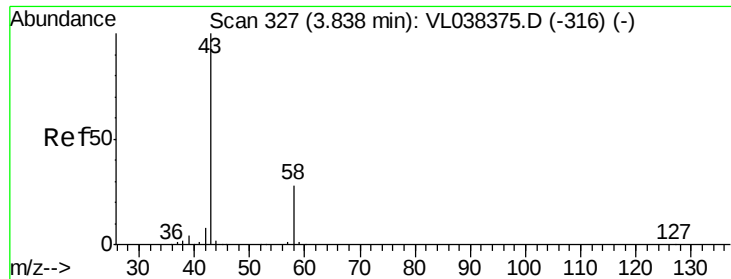
Ion Ratio Lower Upper

108 100

106 112.7 88.4 132.6

79 19.3 15.0 22.6





#15

Acetone

Concen: 9.055 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 6:32

Tot Ion:

Ion Ratio

43 100

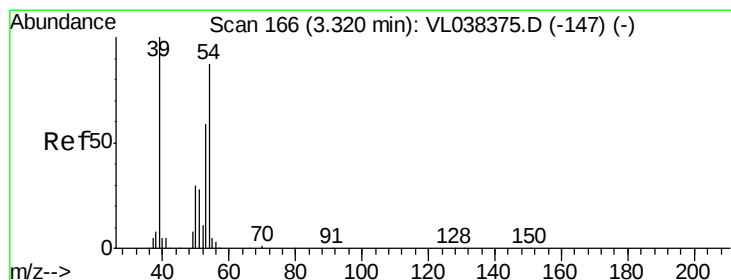
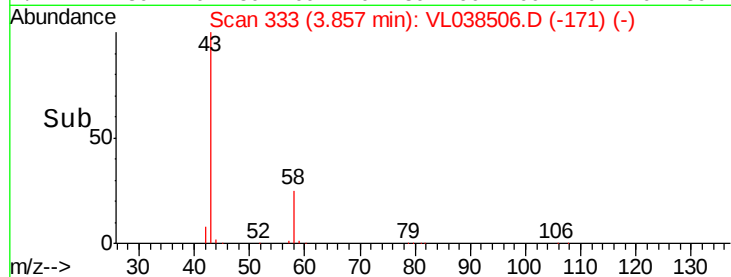
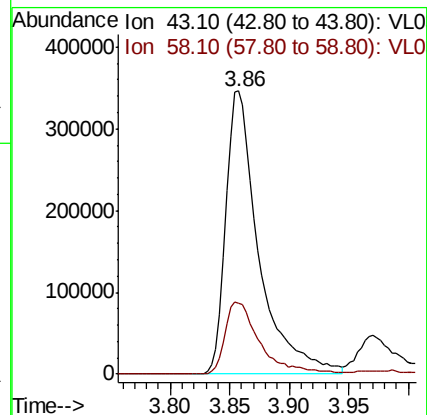
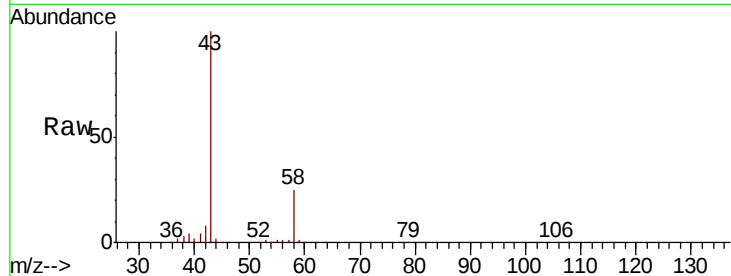
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#16

1,3-Butadiene

Concen: 10.407 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.02 min

Lab File: VL038506.D

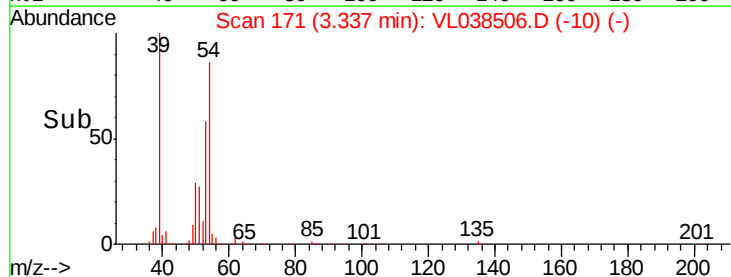
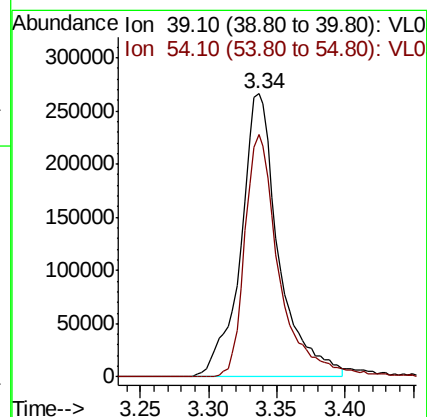
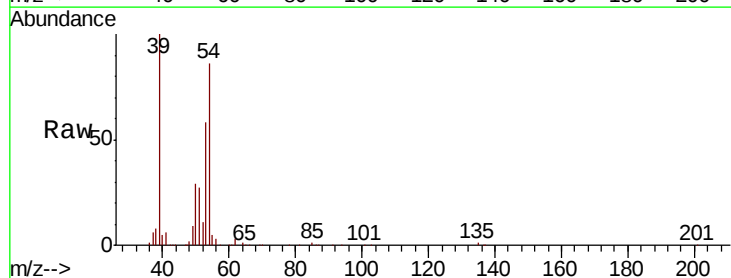
Acq: 3 Mar 2022 6:32

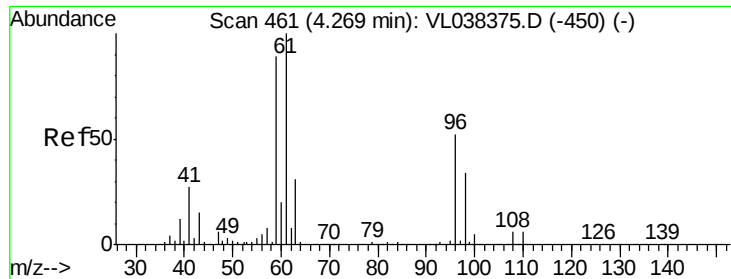
Tgt Ion: 39 Resp: 512367

Ion Ratio Lower Upper

39 100

54 79.1 60.3 90.5





#17

tert-Butyl alcohol

Concen: 9.114 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 6:32 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

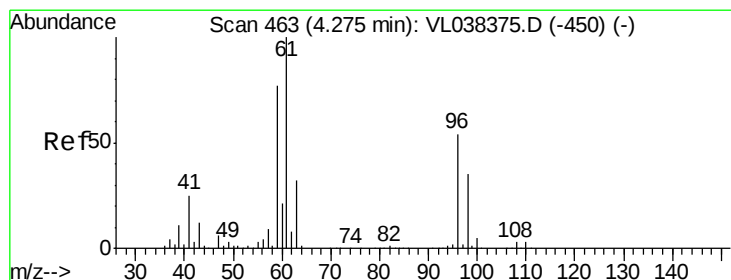
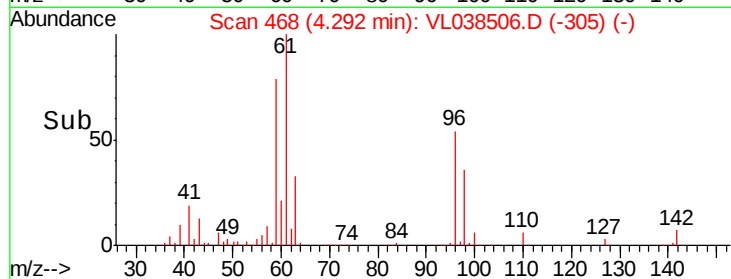
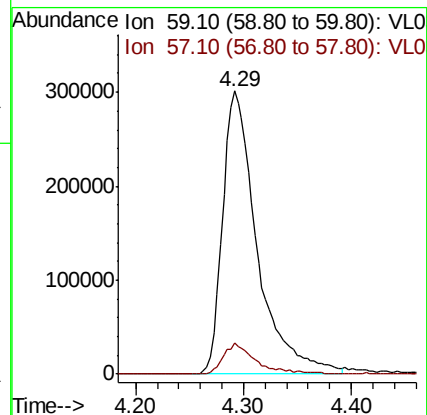
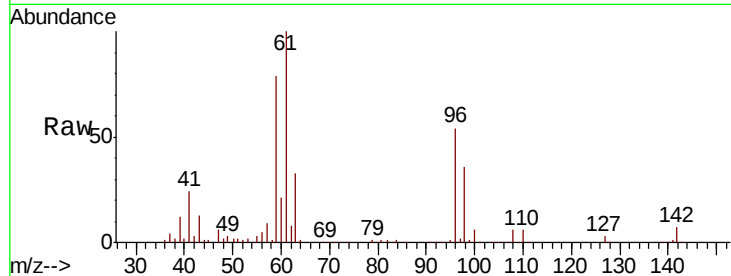
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#18

1,1-Dichloroethene

Concen: 10.090 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.02 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

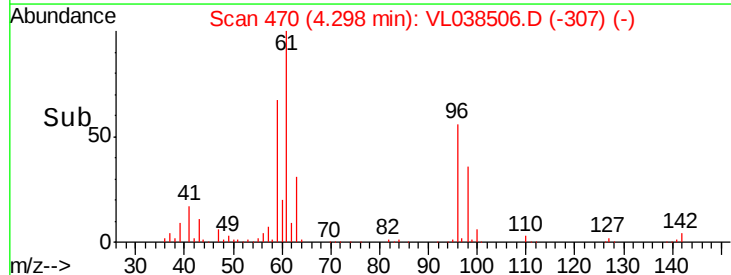
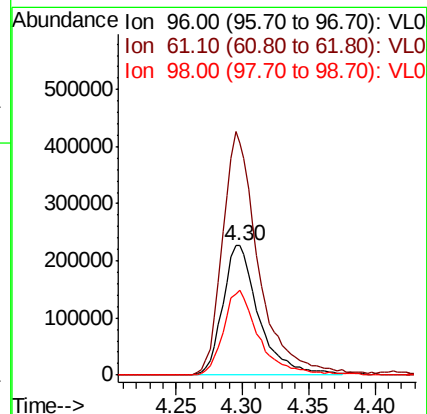
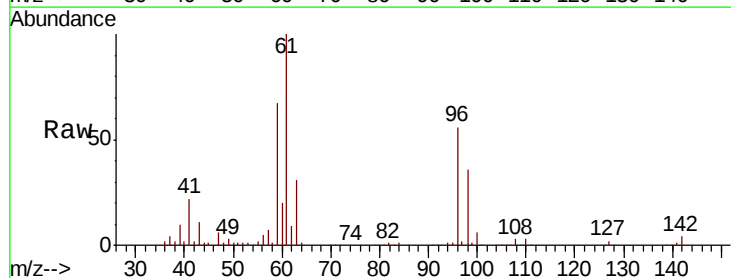
Tgt Ion: 96 Resp: 426889

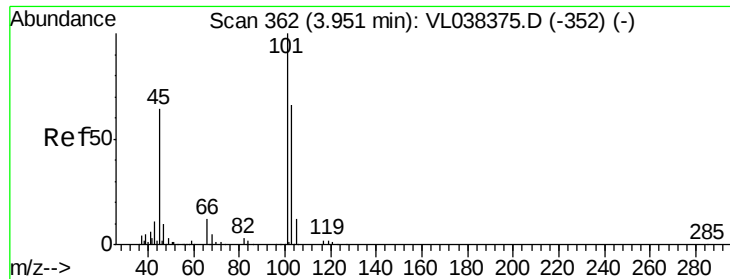
Ion Ratio Lower Upper

96 100

61 179.1 146.8 220.2

98 65.3 51.5 77.3





#19

Isopropyl Alcohol

Concen: 8.163 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 0:32 VSTDCCC010EC

Tot Ion:

Ion Ratio

45 100

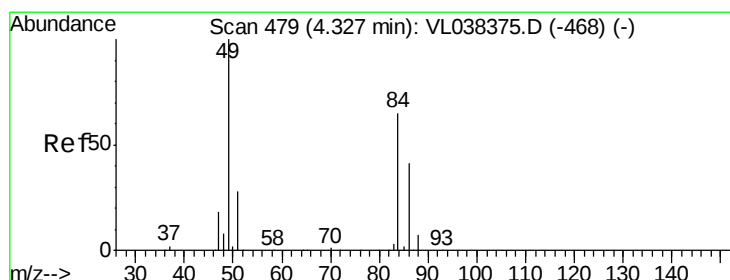
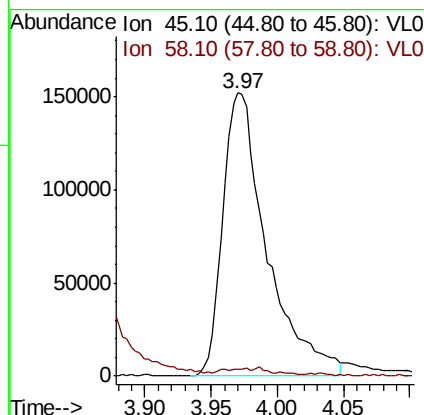
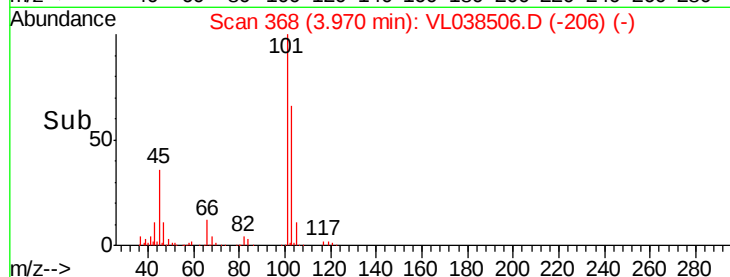
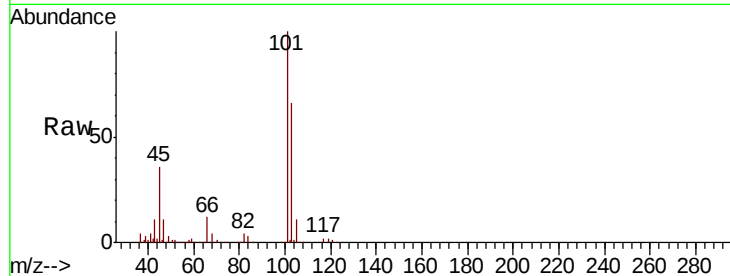
58 4.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#20

Methylene Chloride

Concen: 9.508 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

Tgt Ion: 84 Resp: 347254

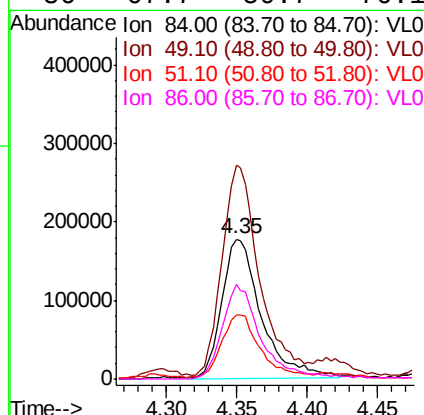
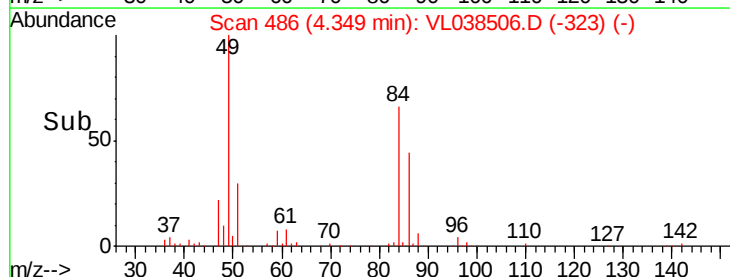
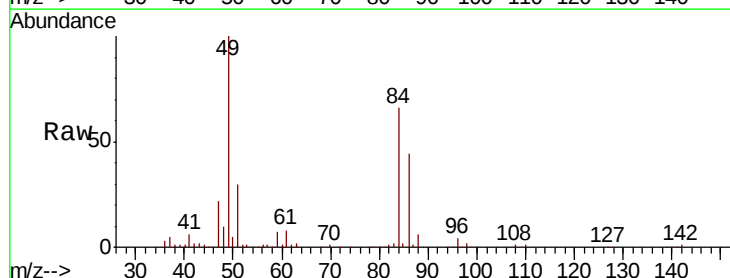
Ion Ratio Lower Upper

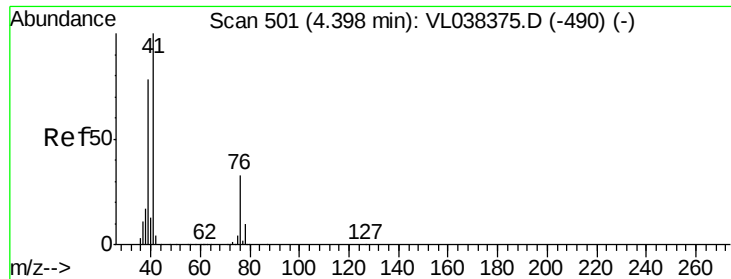
84 100

49 150.7 122.4 183.6

51 44.1 33.3 49.9

86 67.7 50.7 76.1



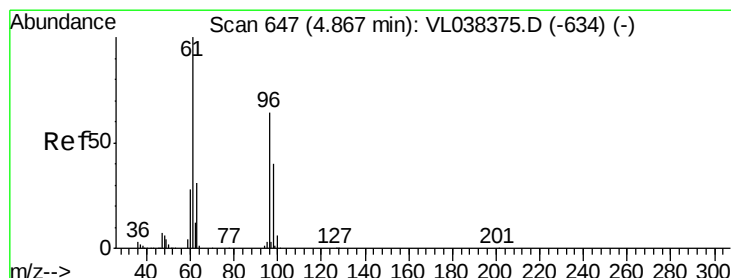
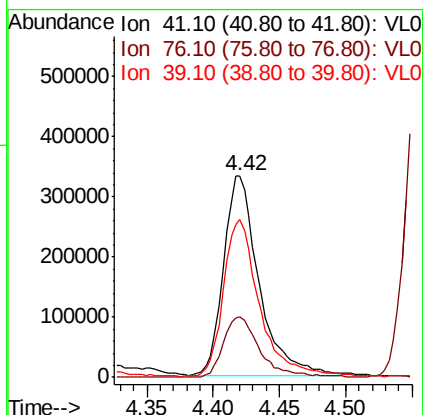
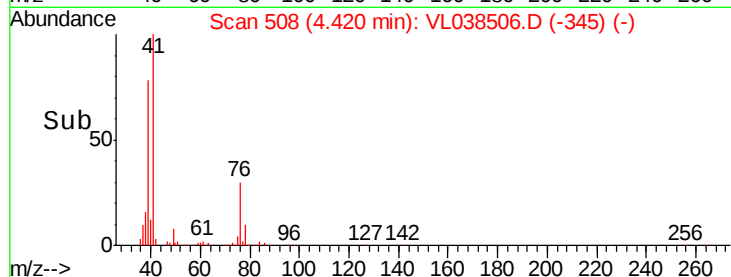
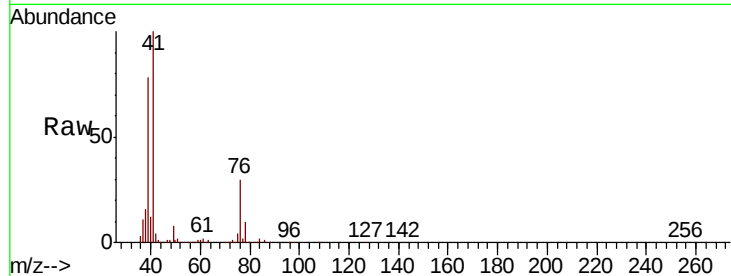


#21
 Allvl Chloride
 Concen: 9.846 ppbv
 RT: 4.42
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 0:32

Tot Ion:
 Ion Ratio
 41 100
 76 31.
 39 80.

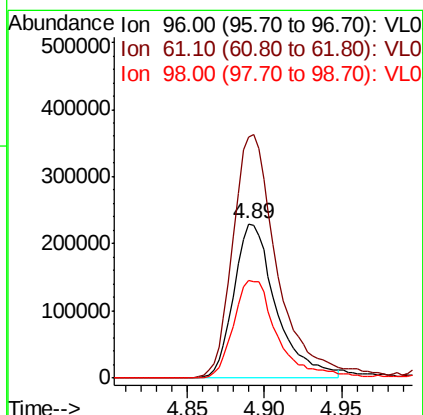
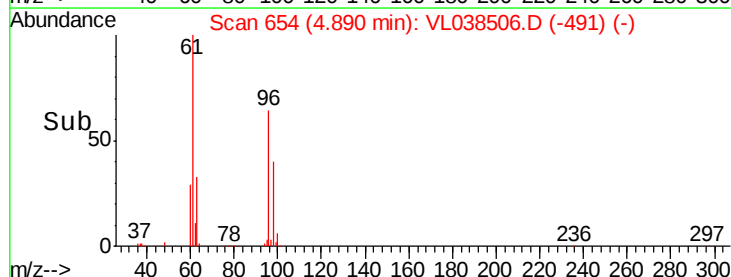
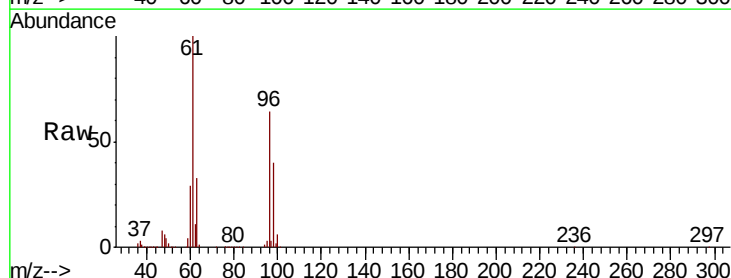
Manual Integrations
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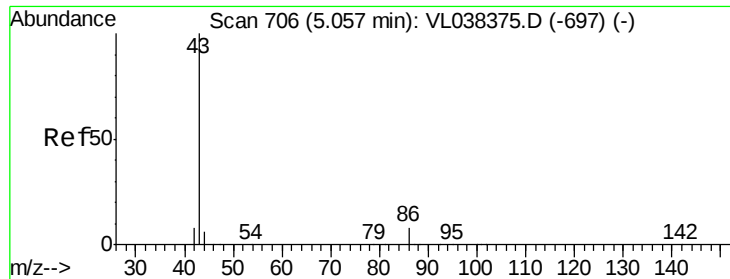
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.232 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 96 Resp: 436770
 Ion Ratio Lower Upper
 96 100
 61 156.2 124.2 186.4
 98 62.9 49.1 73.7



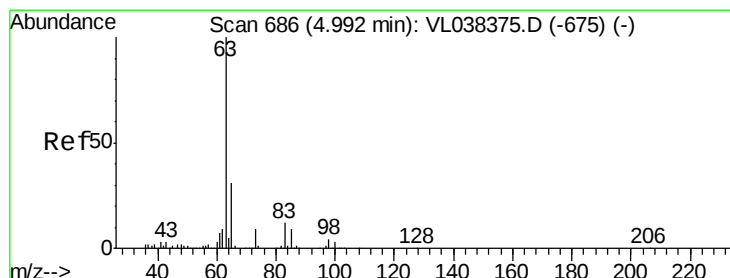
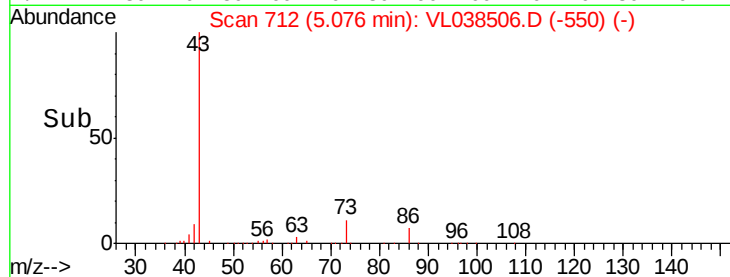
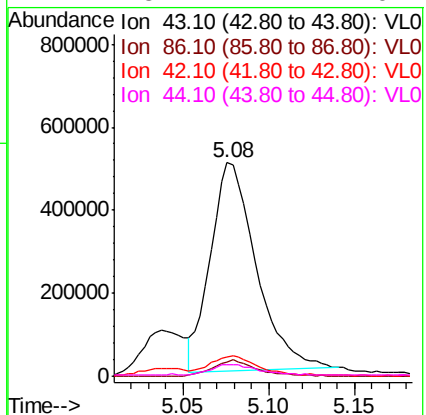
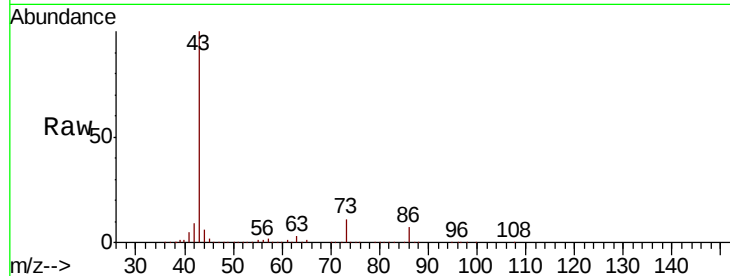


#23
 Vinyl Acetate
 Concen: 9.603 ppbv
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 8.
 44 5.2 4.2 6.2

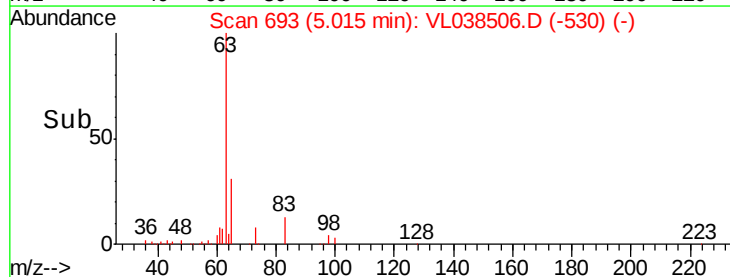
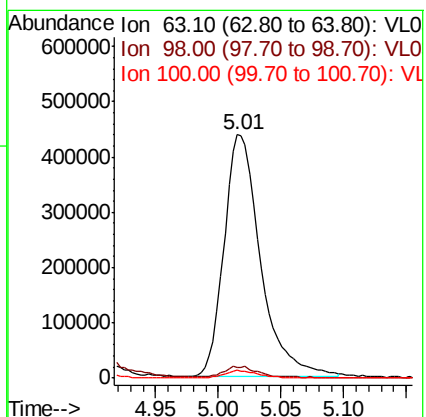
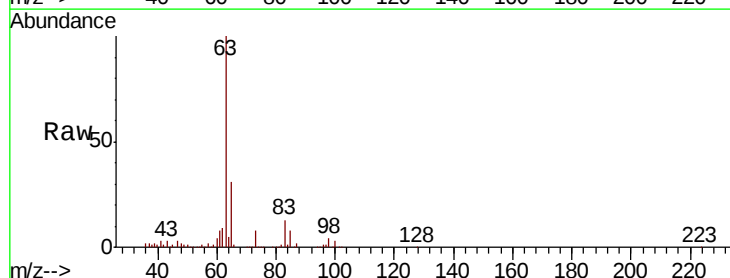
Manual Integrations
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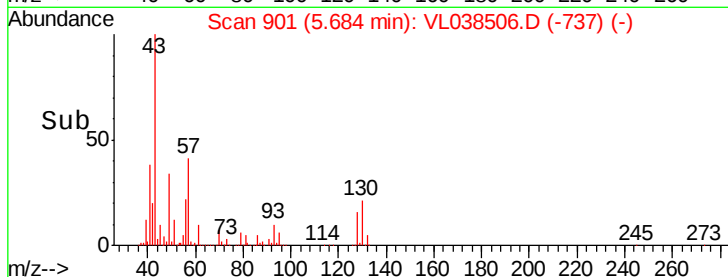
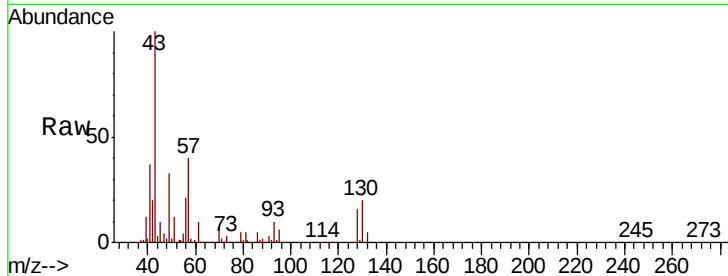
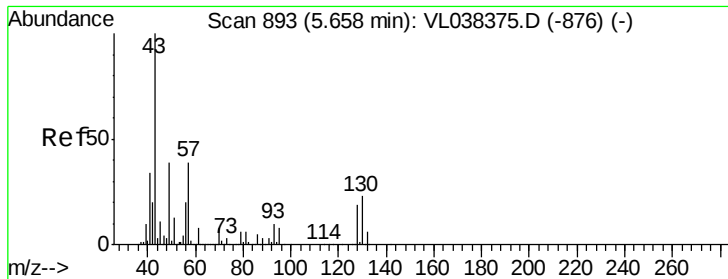
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 10.124 ppbv
 RT: 5.01 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 63 Resp: 889099
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.5
 100 3.1 1.4 4.2



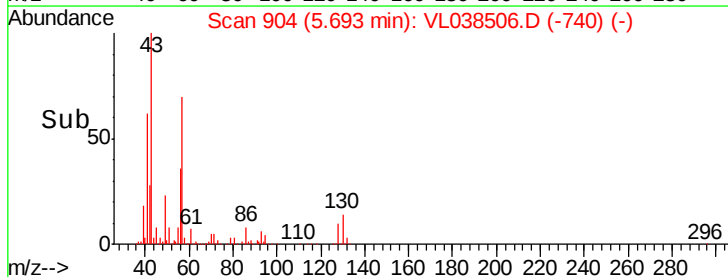
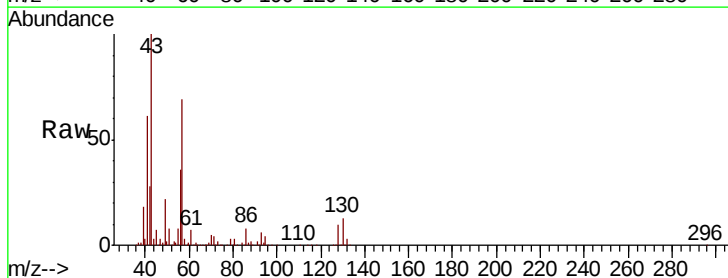
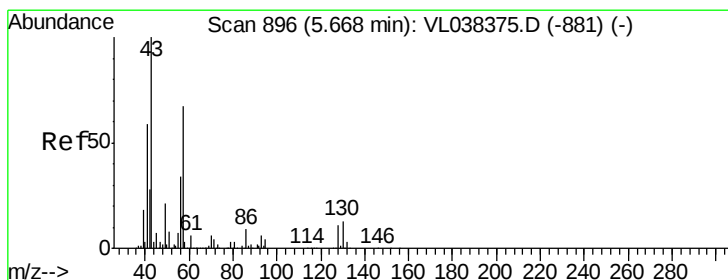
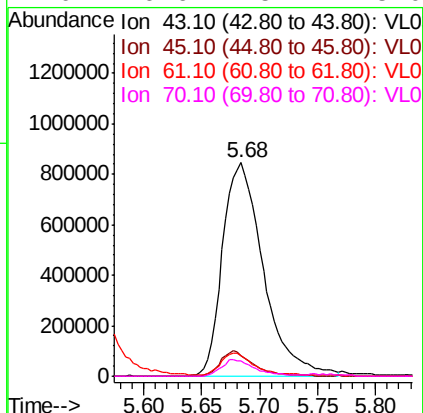


#25
Ethyl Acetate
Concen: 10.401 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Mar 2022 6:32

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.6 5.4 8.0

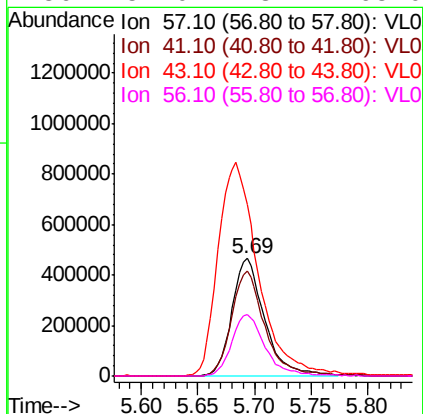
Manual Integrations
APPROVED

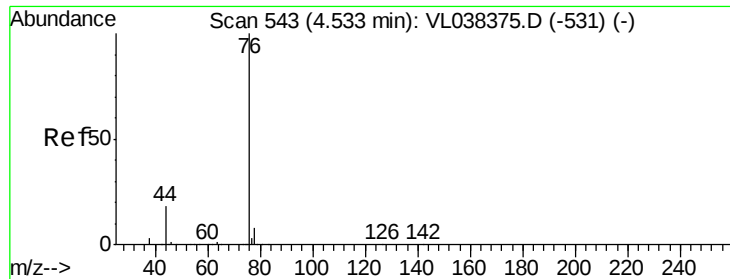
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
Hexane
Concen: 10.403 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 57 Resp: 932910
Ion Ratio Lower Upper
57 100
41 93.2 73.1 109.7
43 224.5 181.0 271.4
56 54.0 43.4 65.0



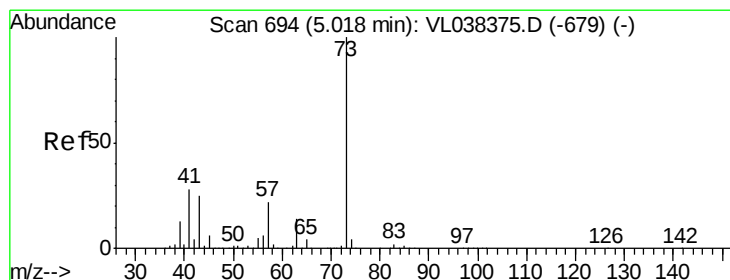
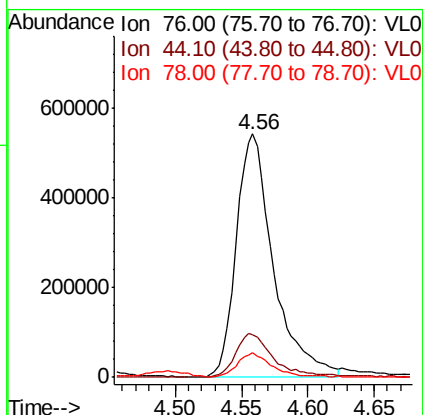
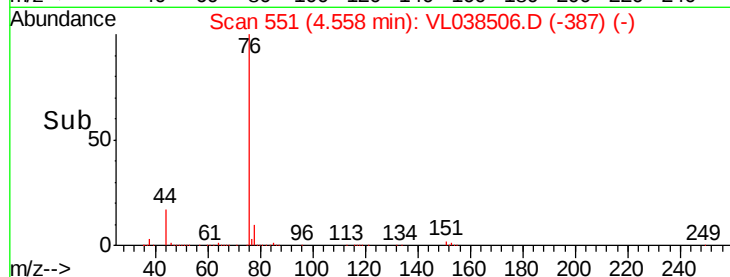
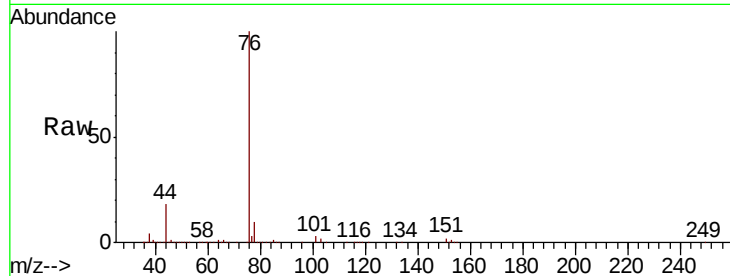


#27
Carbon Disulfide
Concen: 10.548 ppbv
RT: 4.56
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 0:32

Tot Ion:
Ion Ratio
76 100
44 18.
78 10.

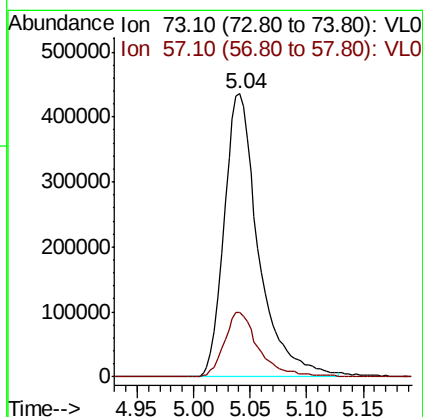
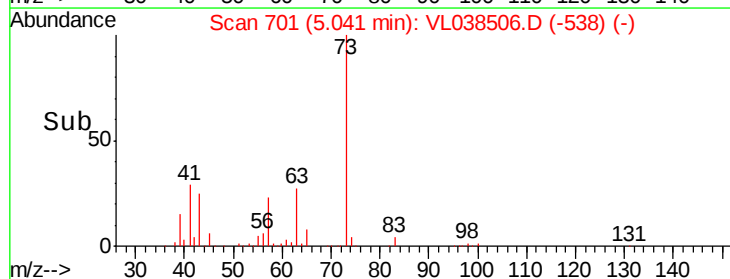
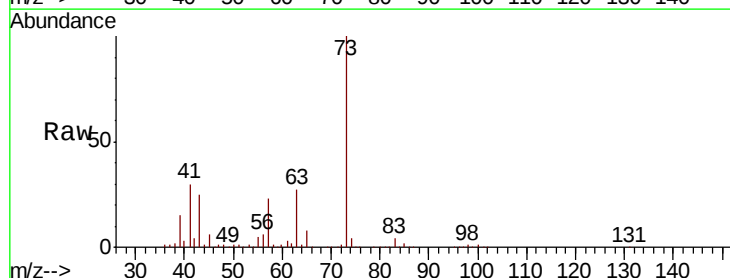
Manual Integrations
APPROVED

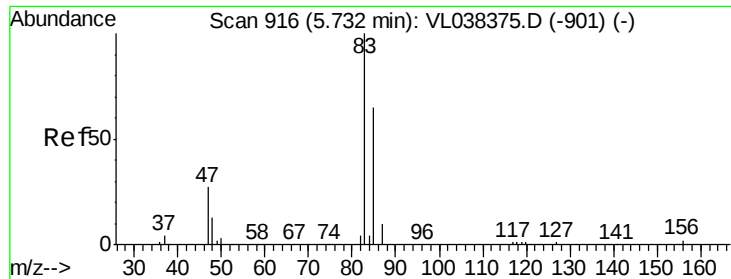
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#28
Methyl tert-Butyl Ether
Concen: 10.083 ppbv
RT: 5.04 min Scan# 701
Delta R.T.: 0.02 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 73 Resp: 921024
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



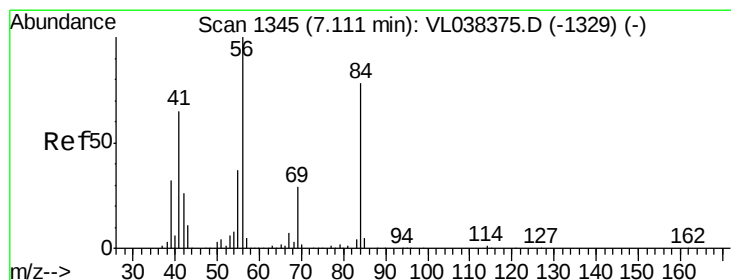
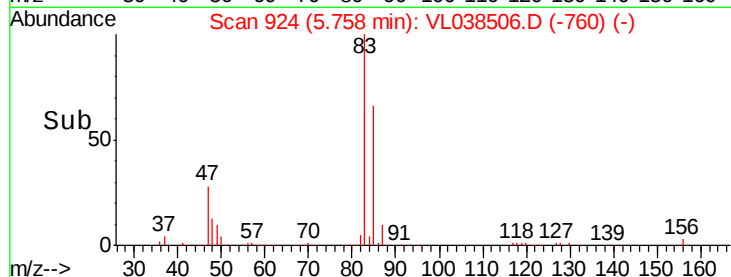
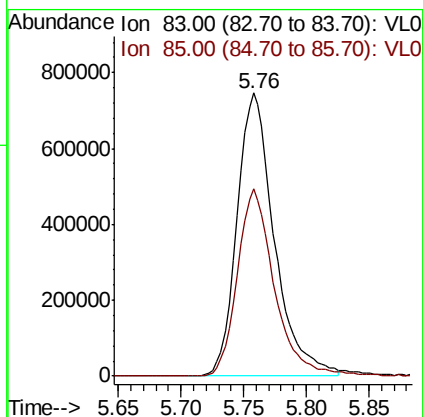
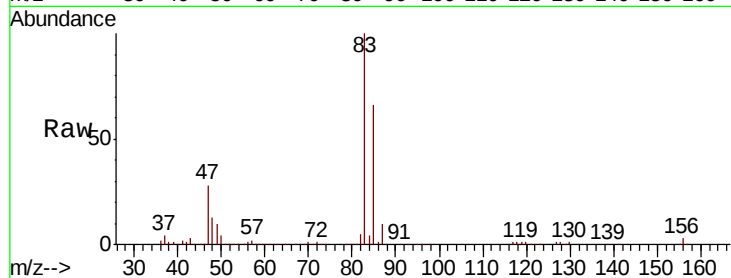


#29
Chloroform
Concen: 10.536 ppbv
RT: 5.76
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 3 Mar 2022 6:32

Tot Ion:
Ion Ratio
83 100
85 66.

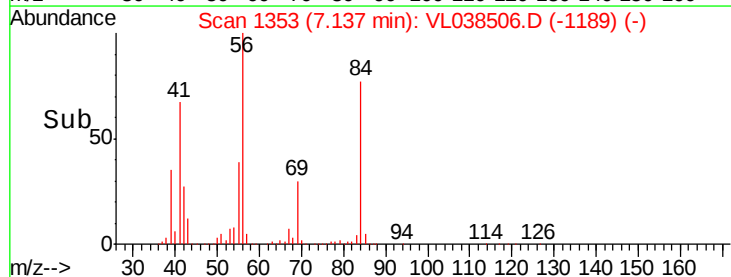
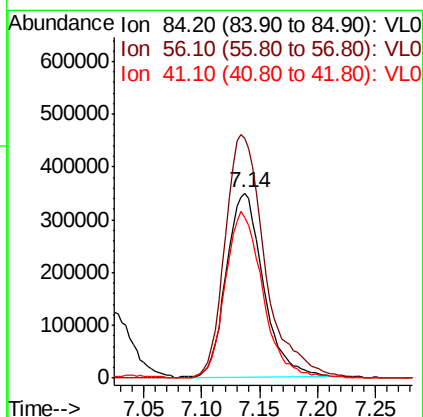
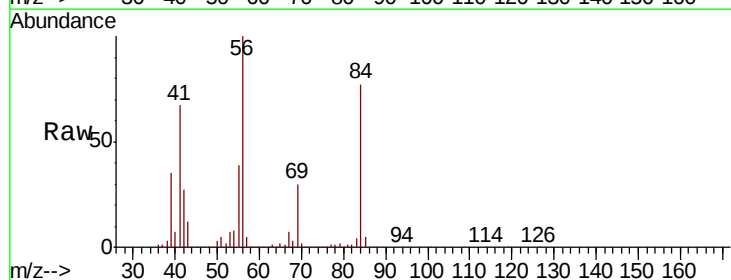
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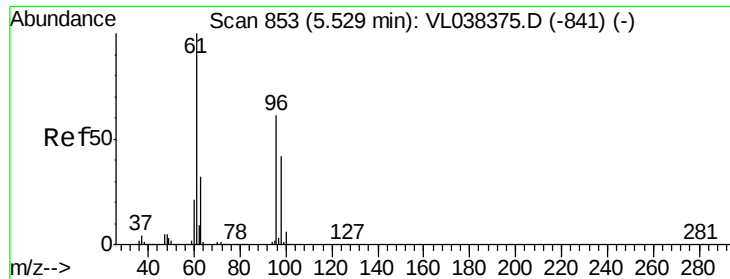
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#30
Cyclohexane
Concen: 10.521 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 84 Resp: 771628
Ion Ratio Lower Upper
84 100
56 143.7 116.2 174.4
41 91.9 74.3 111.5



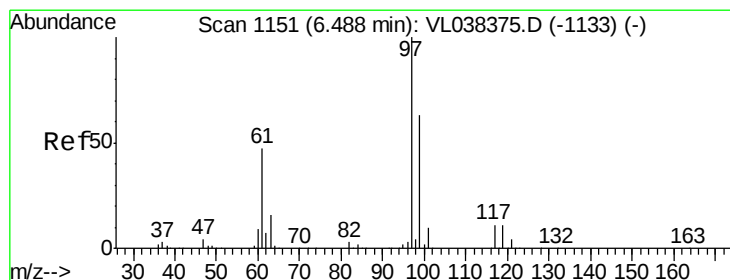
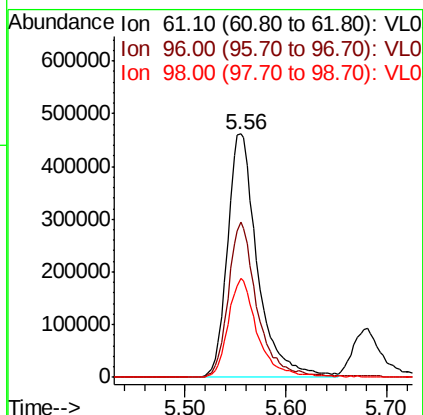
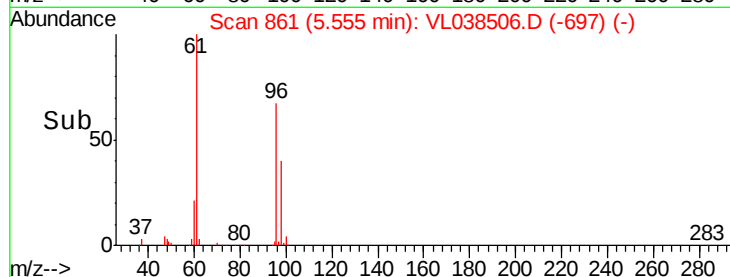
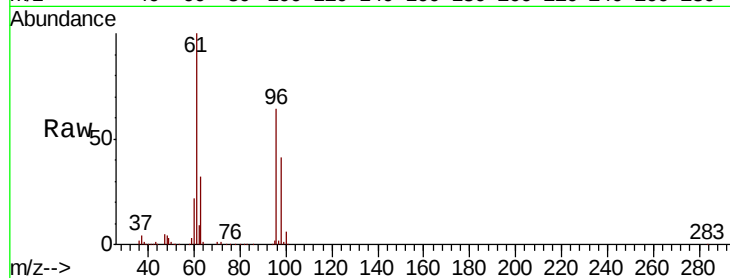


#31
 cis-1,2-Dichloroethene
 Concen: 11.043 ppbv
 RT: 5.56
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 61 100
 96 63.
 98 40.

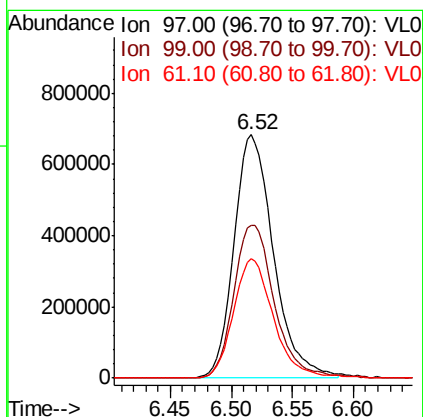
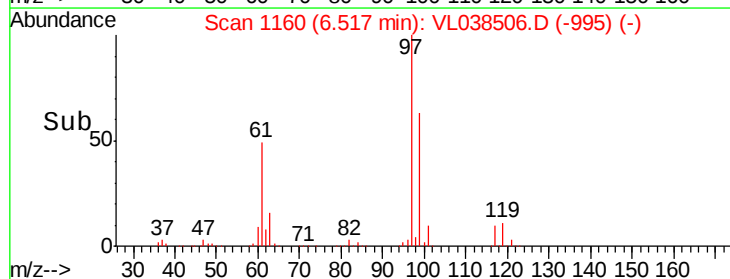
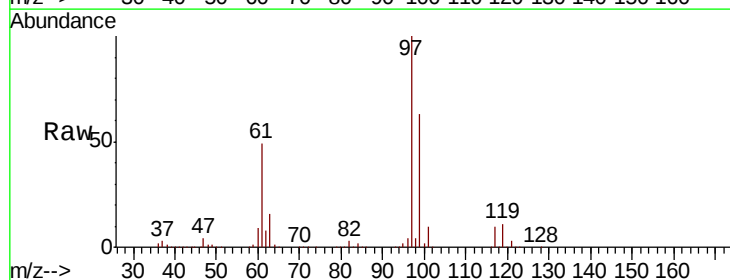
Manual Integrations
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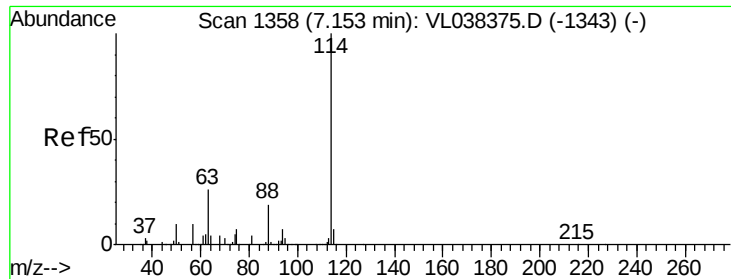
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.452 ppbv
 RT: 6.52 min Scan# 1160
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 97 Resp: 1538508
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.9 77.9
 61 50.0 40.5 60.7



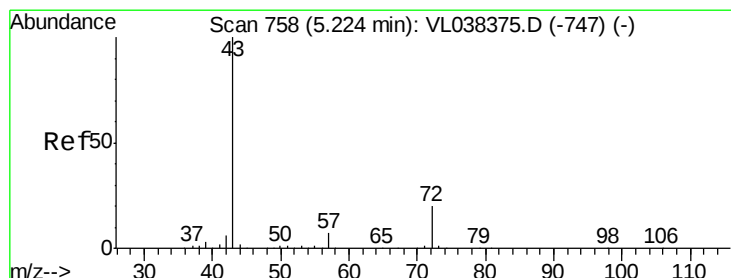
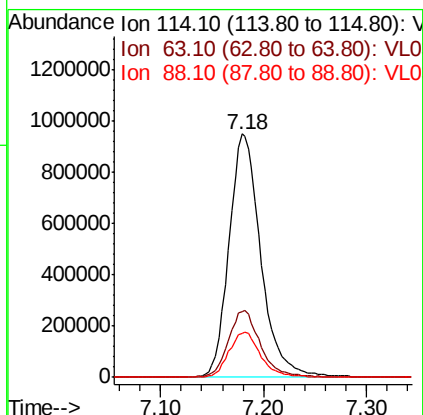
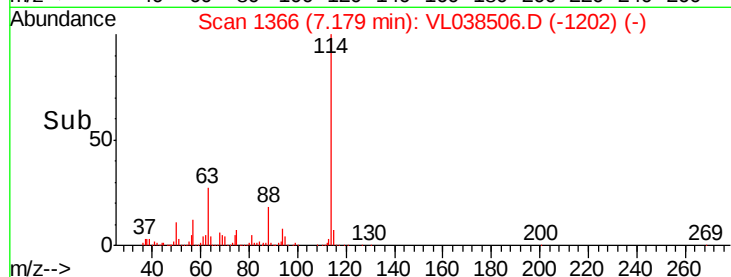
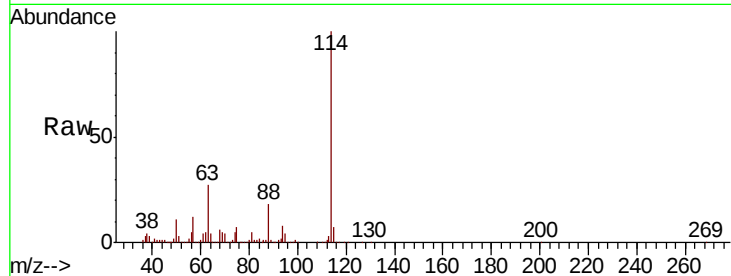


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 18.

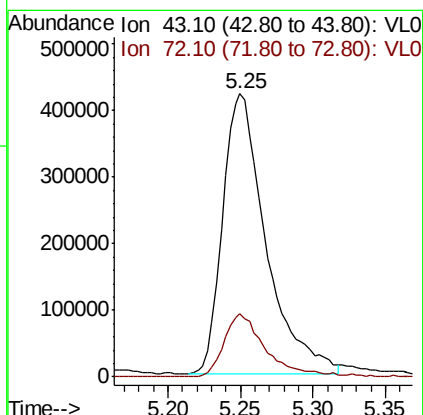
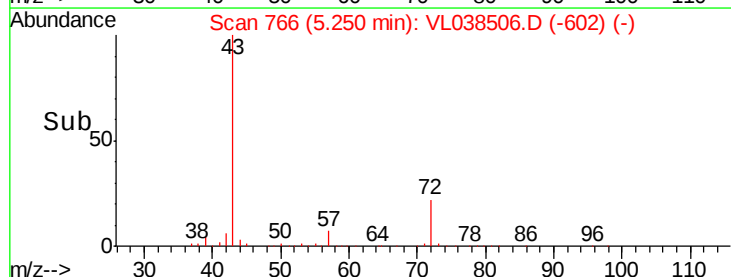
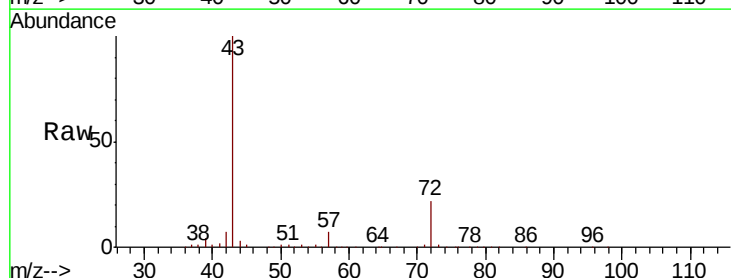
Manual Integrations
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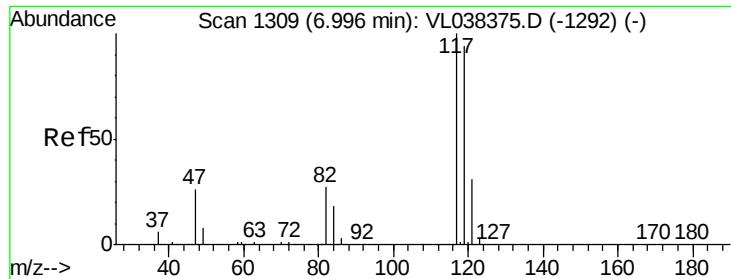
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#34
 2-Butanone
 Concen: 13.594 ppbv
 RT: 5.25 min Scan# 766
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 43 Resp: 870218
 Ion Ratio Lower Upper
 43 100
 72 22.4 17.4 26.2



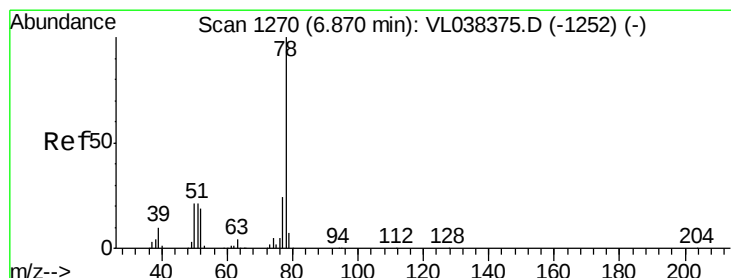
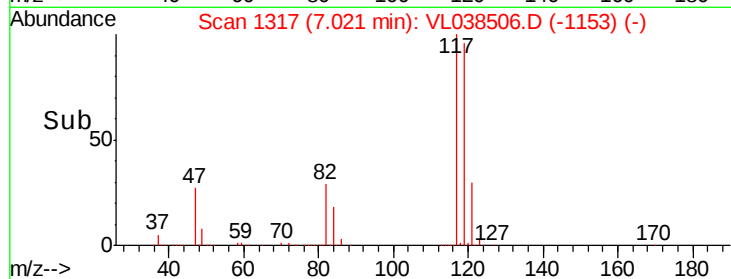
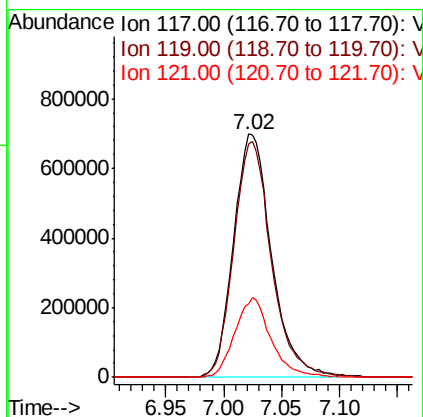
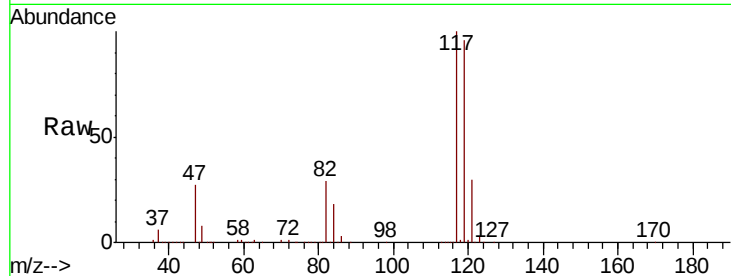


#35
Carbon Tetrachloride
Concen: 11.068 ppbv
RT: 7.02
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 3 Mar 2022 6:32

Manual Integrations
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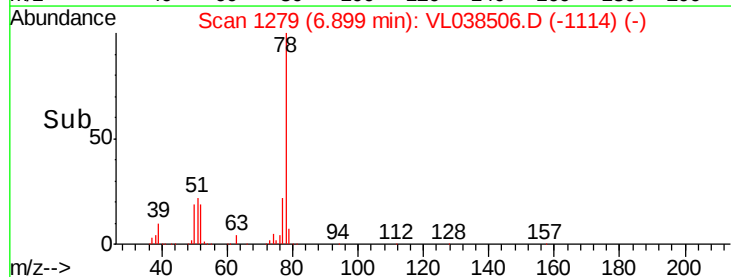
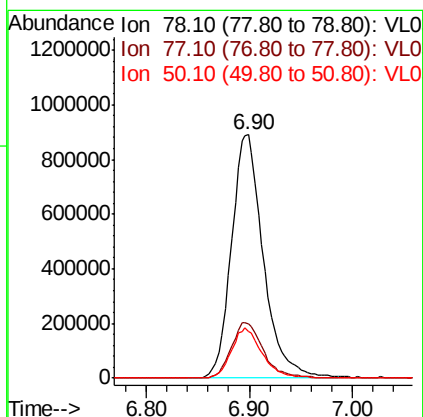
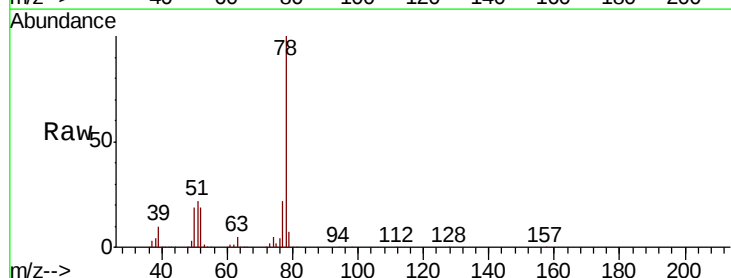
Tot Ion:1
Ion Rati
117 100
119 95.
121 30.

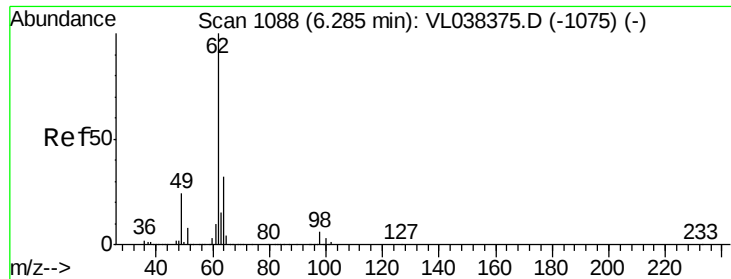
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#36
Benzene
Concen: 10.691 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 78 Resp: 1915622
Ion Ratio Lower Upper
78 100
77 22.1 19.0 28.6
50 19.2 16.6 24.8



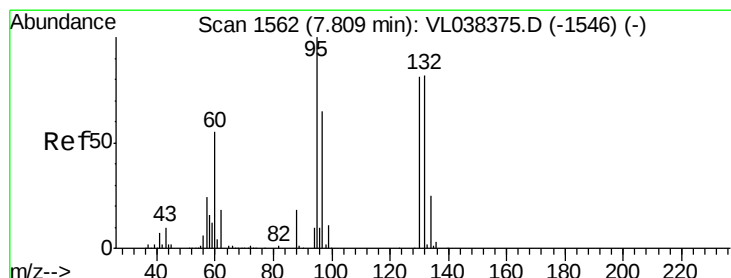
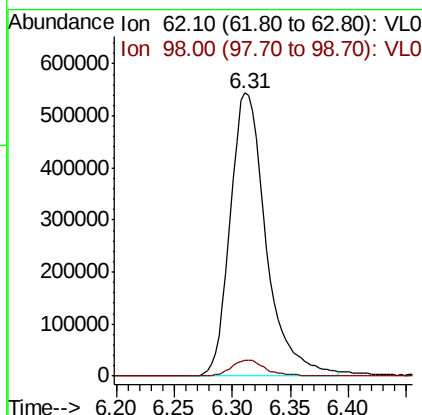
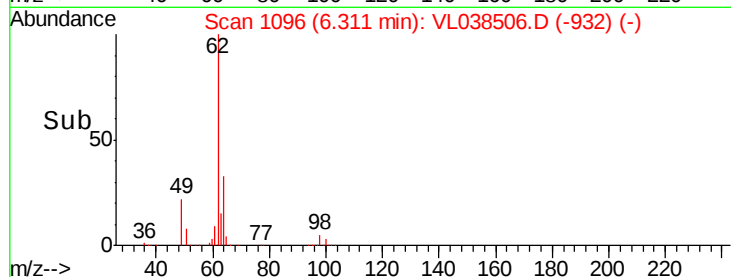
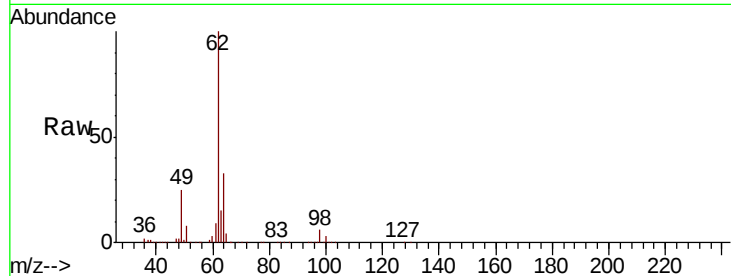


#37
 1,2-Dichloroethane
 Concen: 11.262 ppbv
 RT: 6.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 62 100
 98 5.

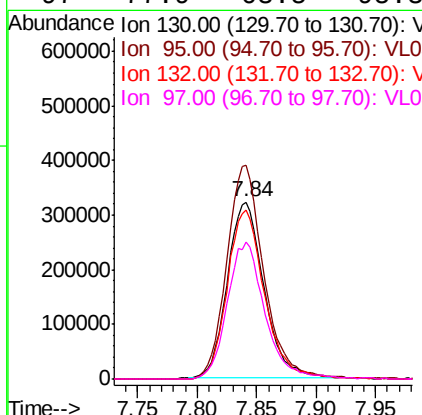
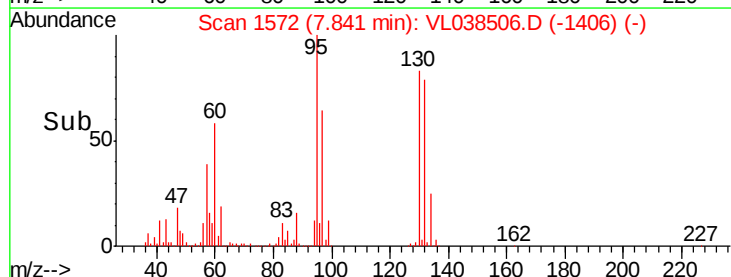
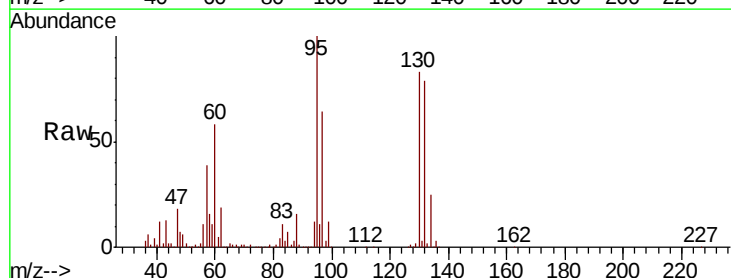
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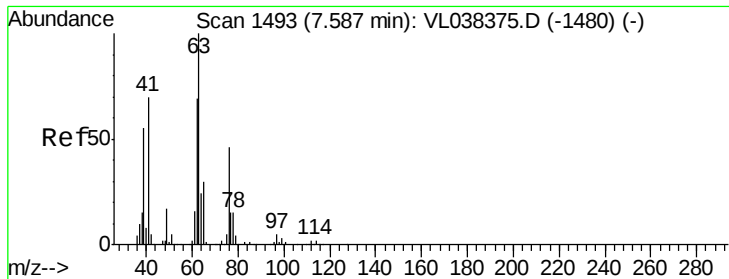
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#38
 Trichloroethene
 Concen: 10.427 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:130 Resp: 680532
 Ion Ratio Lower Upper
 130 100
 95 121.5 98.1 147.1
 132 96.3 80.3 120.5
 97 77.9 63.5 95.3



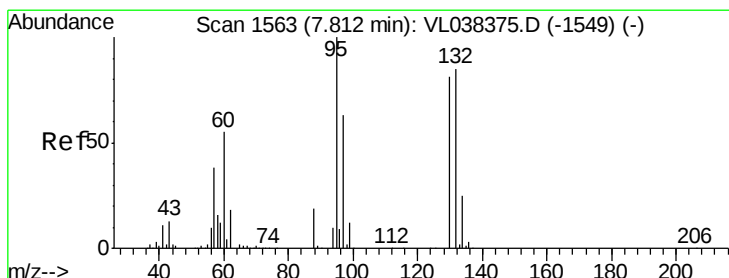
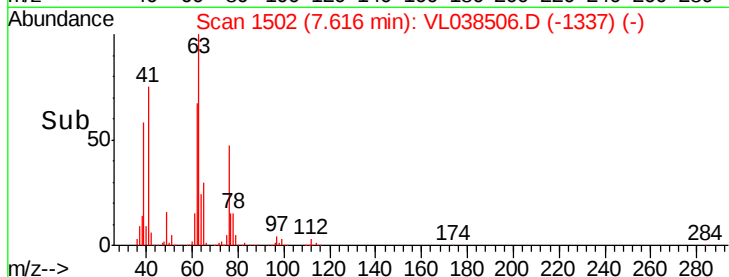
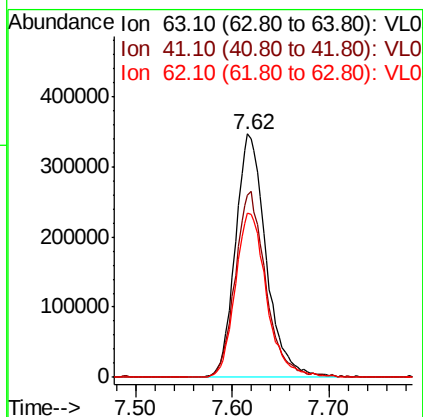
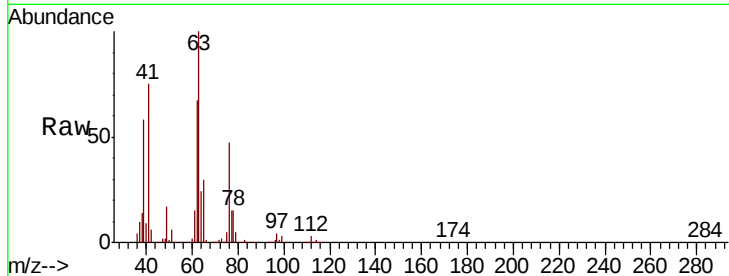


#39
 1,2-Dichloropropane
 Concen: 10.700 ppbv
 RT: 7.62
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 63 100
 41 74.
 62 67.

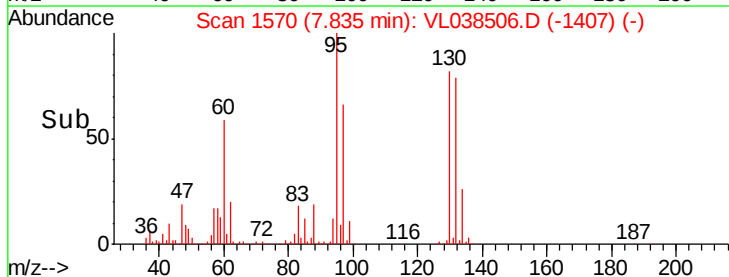
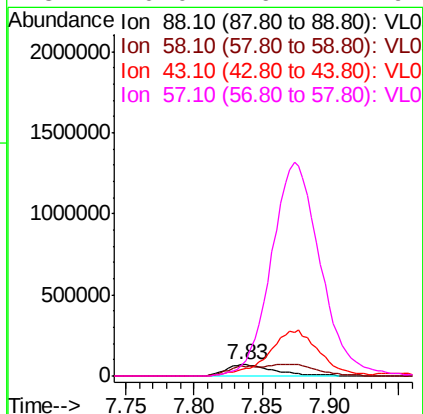
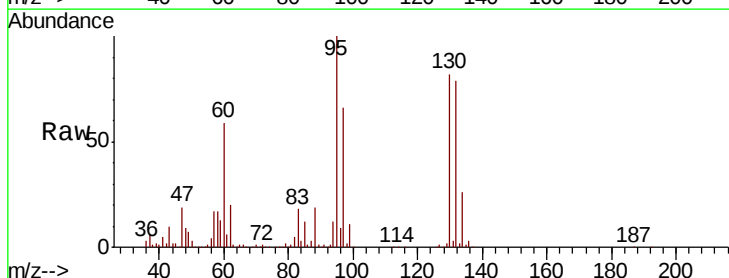
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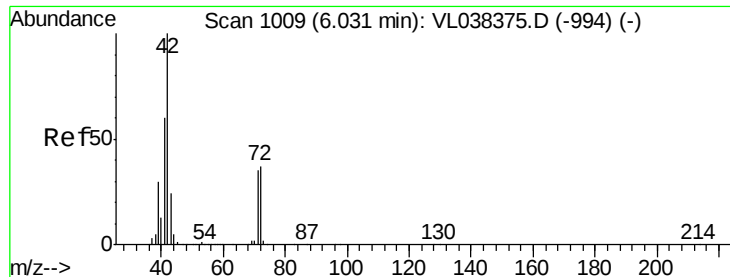
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#40
 1,4-Dioxane
 Concen: 9.893 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T. 0.02 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 88 Resp: 167481
 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#



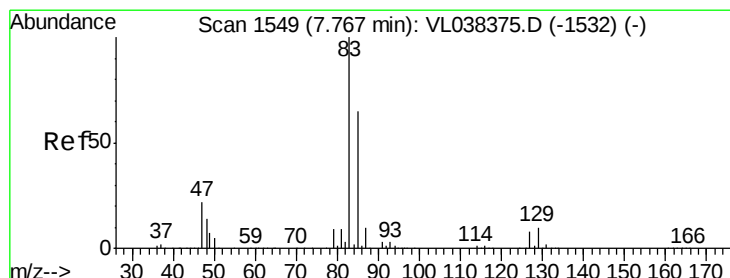
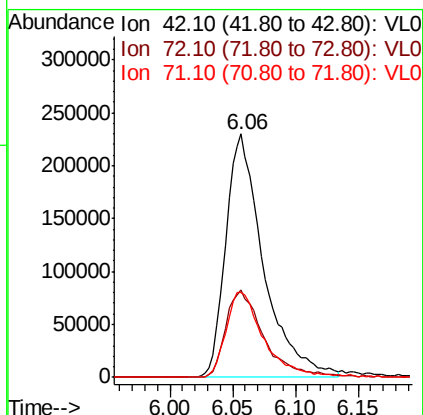
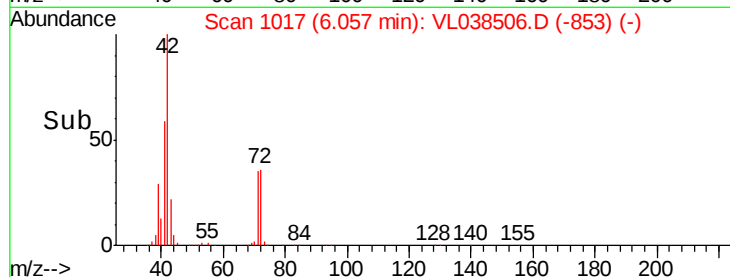
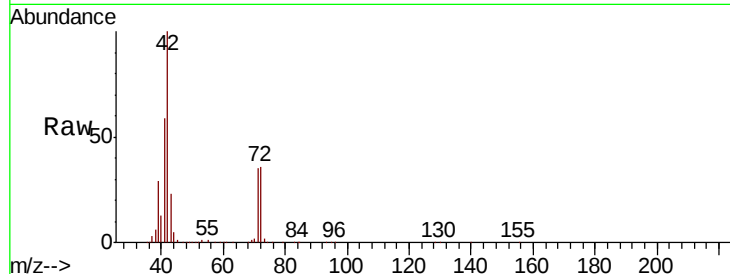


#41
Tetrahydrofuran
Concen: 11.133 ppbv
RT: 6.06
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

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

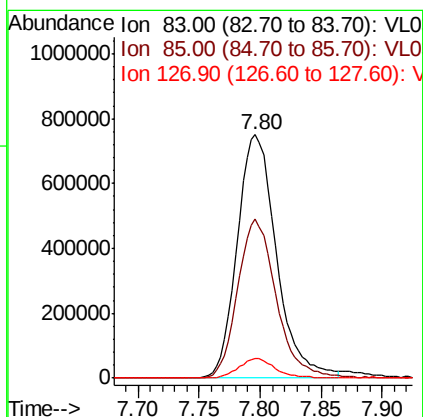
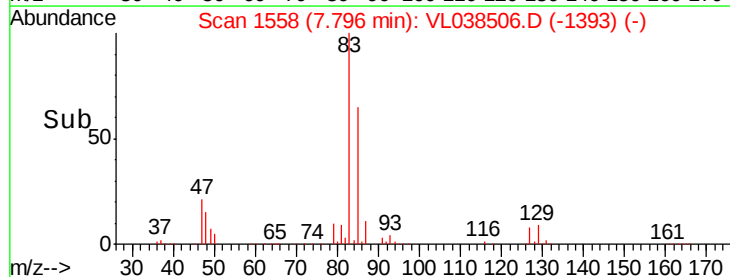
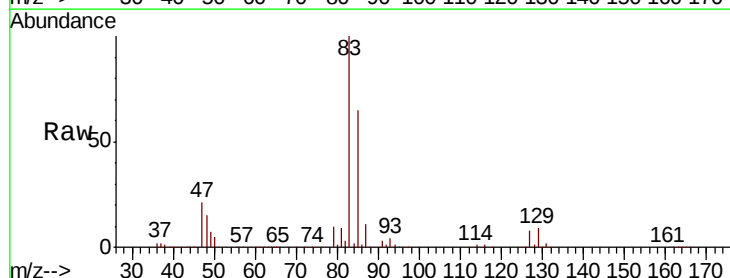
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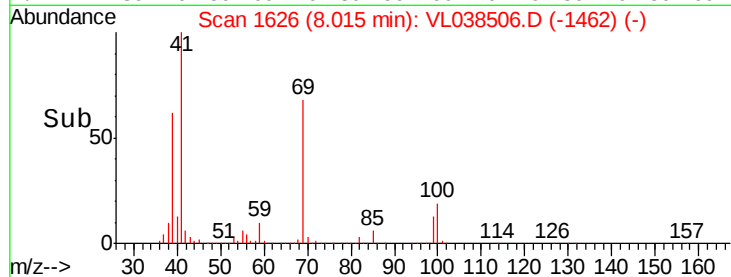
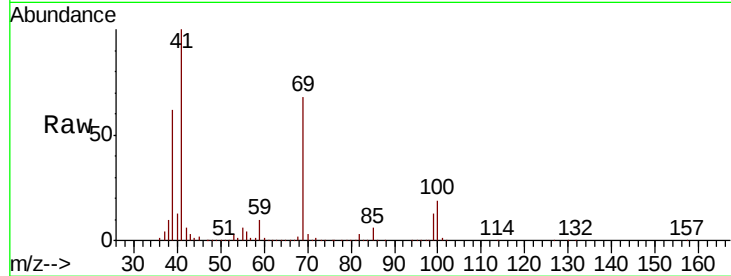
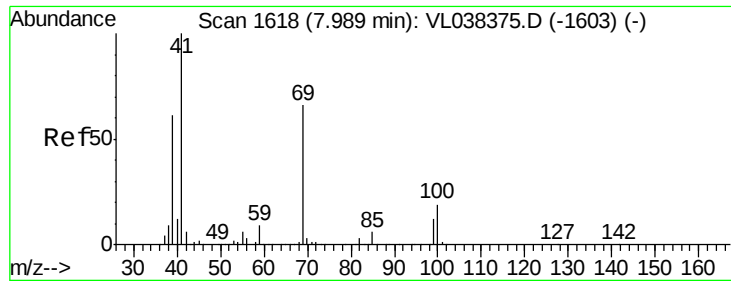
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
Bromodichloromethane
Concen: 11.187 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 83 Resp: 1672641
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 8.0 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.542 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T. 0.03

Lab File: ClientSampleId : VSTDCCC010EC

Acq: 3 Mar 2022 6:32

Tot Ion:

Ion Ratio

69 100

41 153.

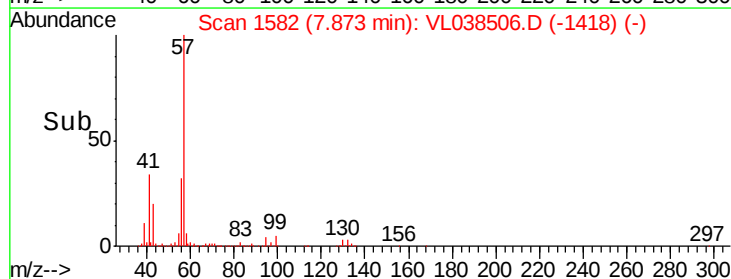
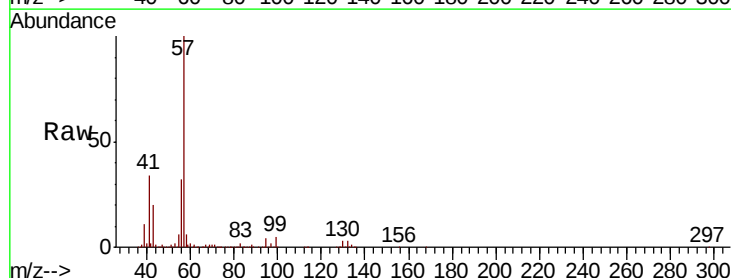
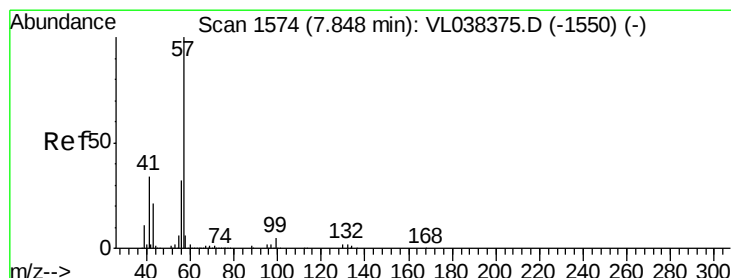
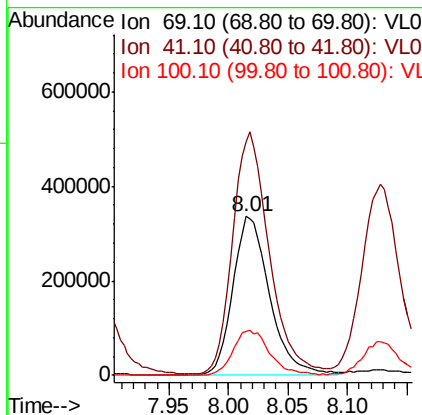
100 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#44

2,2,4-Trimethylpentane

Concen: 10.754 ppbv

RT: 7.87 min Scan# 1582

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

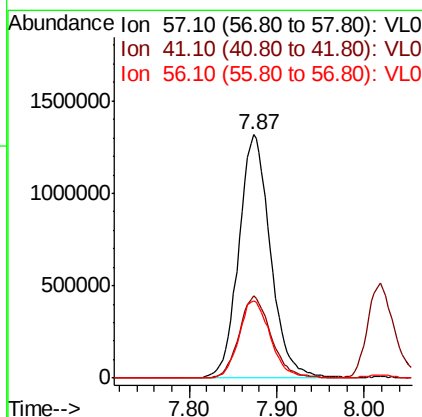
Tgt Ion: 57 Resp: 3312112

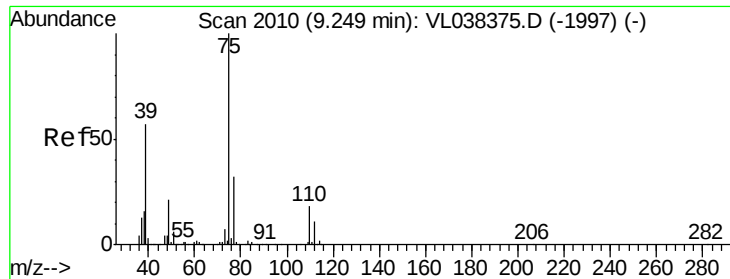
Ion Ratio Lower Upper

57 100

41 34.0 26.6 39.8

56 31.6 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.968 ppbv

RT: 9.28 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32 VSTDCC010EC

Tot Ion:

Ion Ratio

75 100

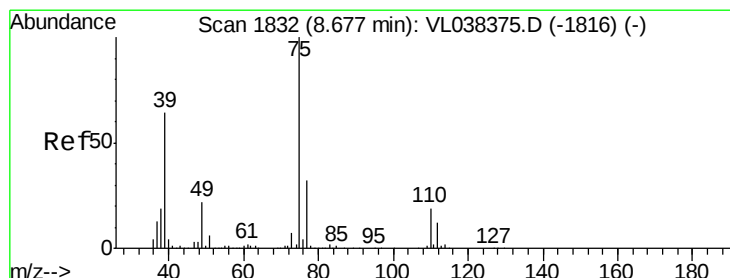
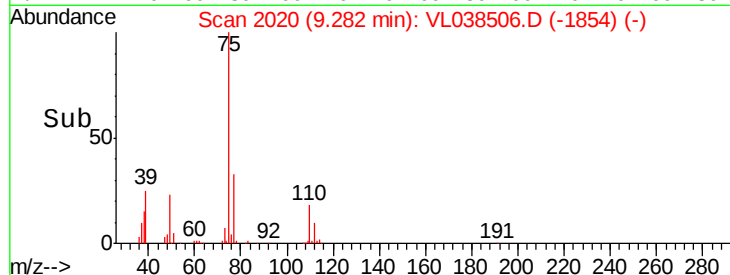
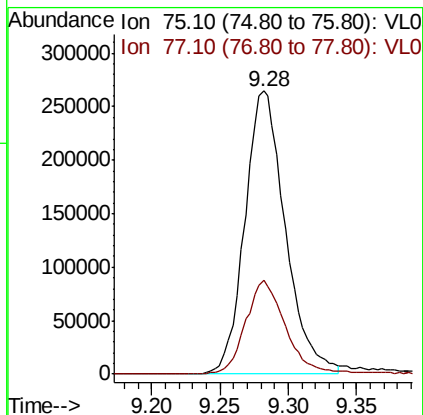
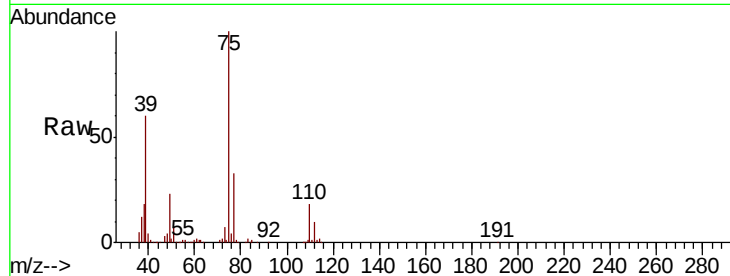
77 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

cis-1,3-Dichloropropene

Concen: 10.655 ppbv

RT: 8.71 min Scan# 1841

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

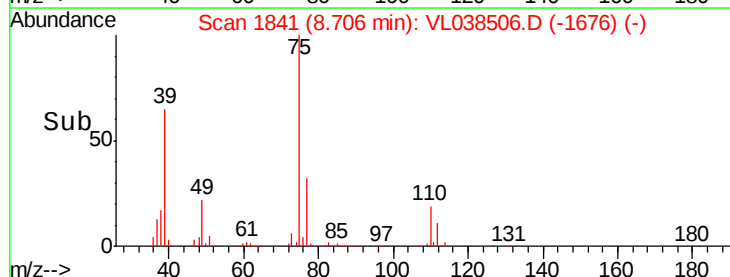
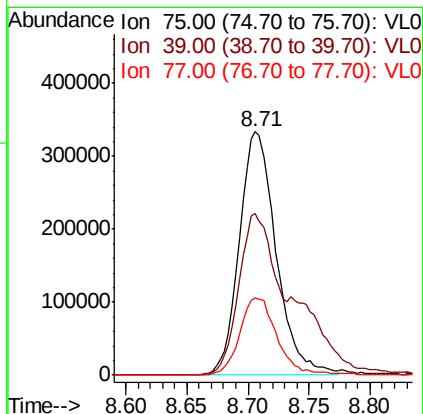
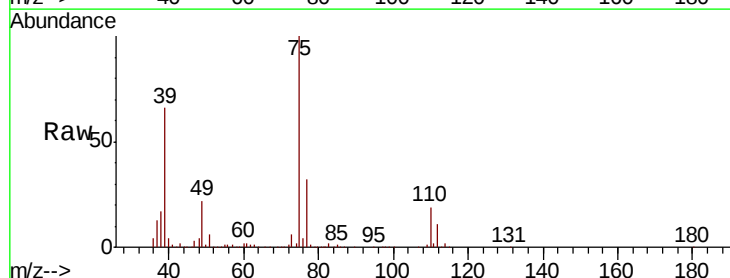
Tgt Ion: 75 Resp: 695216

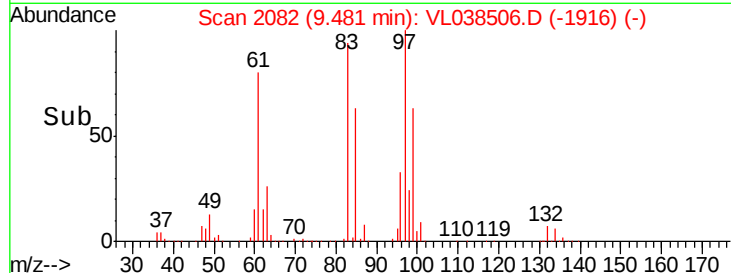
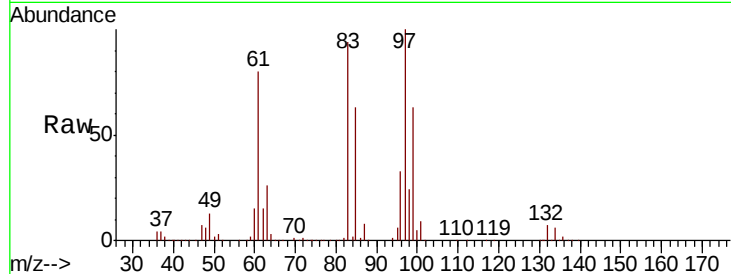
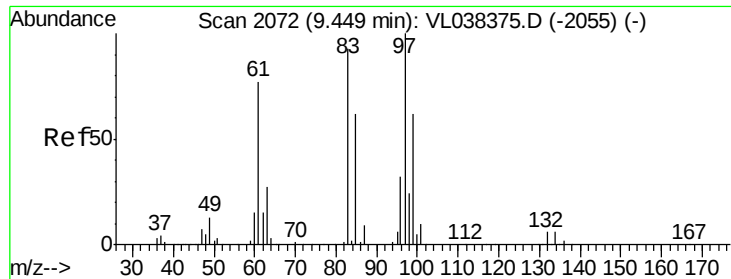
Ion Ratio Lower Upper

75 100

39 66.3 51.4 77.2

77 31.8 25.4 38.2



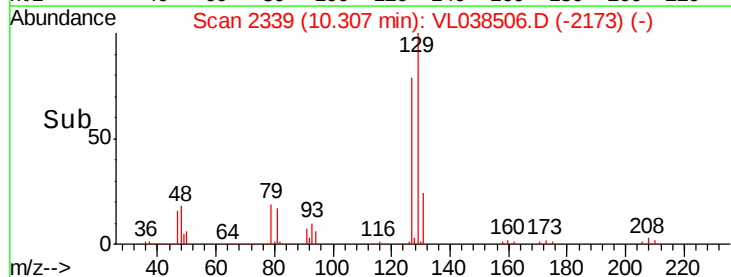
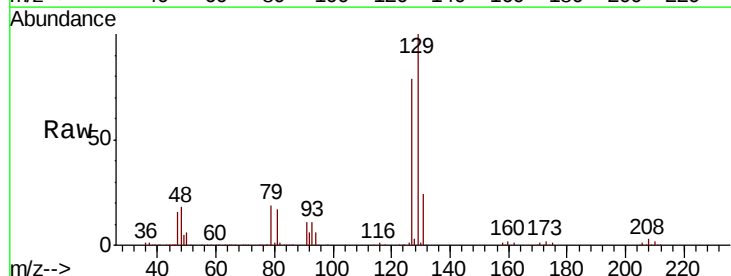
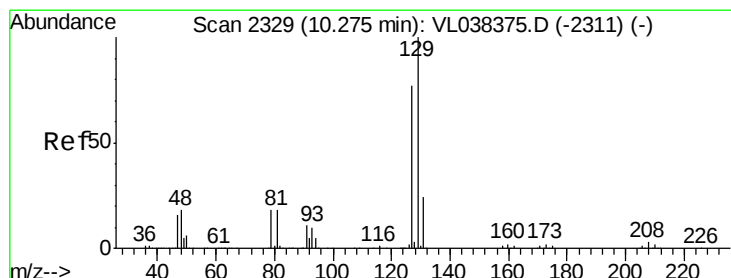
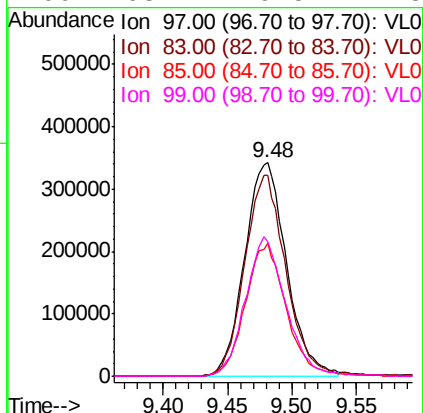


#47
 1,1,2-Trichloroethane
 Concen: 10.913 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

Tot Ion:
 Ion Ratio
 97 100
 83 94.
 85 62.
 99 63.1 49.5 74.3

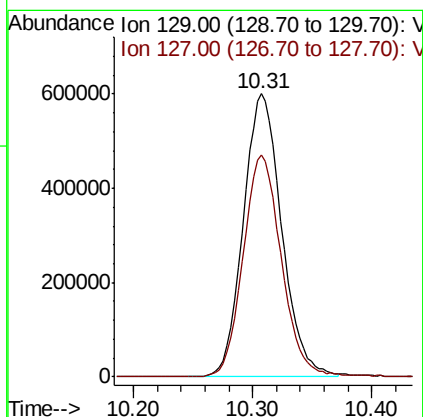
Manual Integrations
 APPROVED

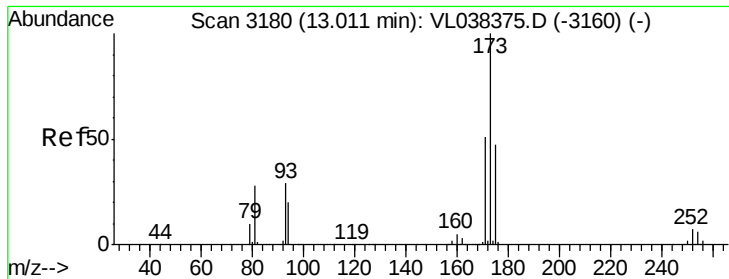
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#48
 Dibromochloromethane
 Concen: 11.541 ppbv
 RT: 10.31 min Scan# 2339
 Delta R.T.: 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:129 Resp: 1339990
 Ion Ratio Lower Upper
 129 100
 127 78.5 39.4 118.1





#49

Bromoform

Concen: 12.294 ppbv

RT: 13.04

Delta R.T.

Lab File:

Acq: 3 Mar 2022 0:32

Instrument :

MSVOA_L

ClientSampleId :

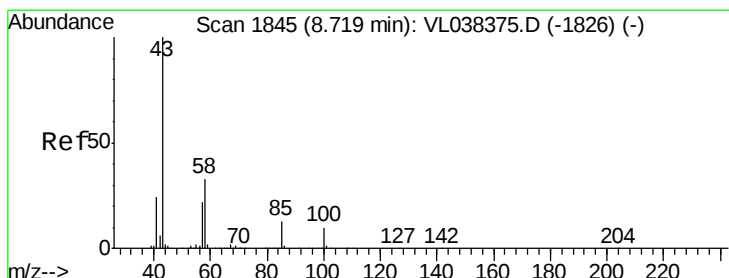
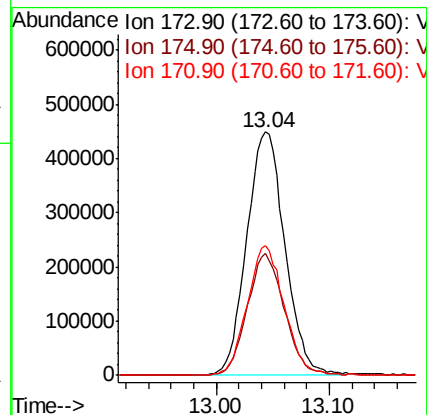
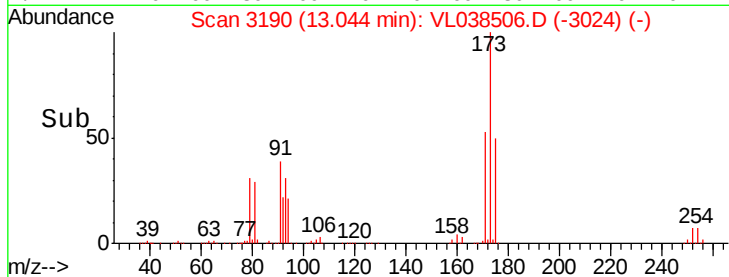
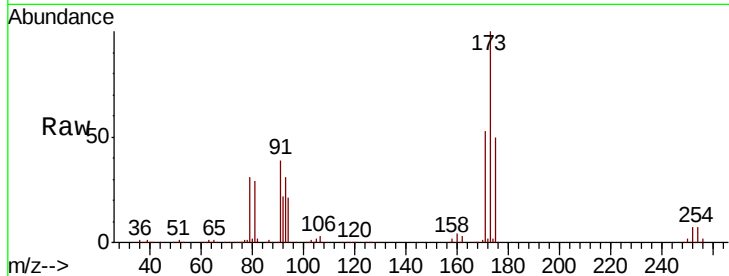
VSTDCCC010EC

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

4-Methyl-2-Pentanone

Concen: 11.819 ppbv

RT: 8.74 min Scan# 1853

Delta R.T. 0.03 min

Lab File: VL038506.D

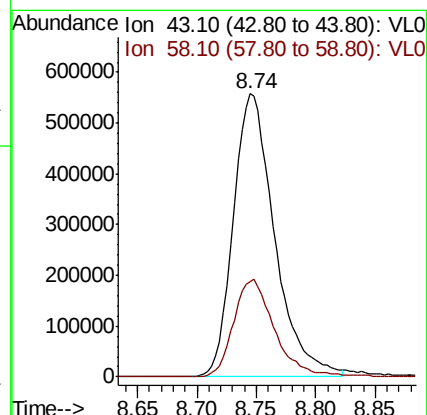
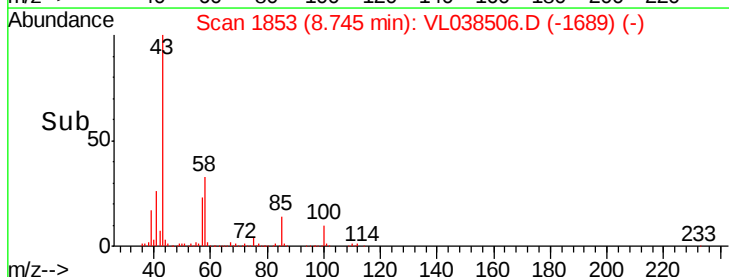
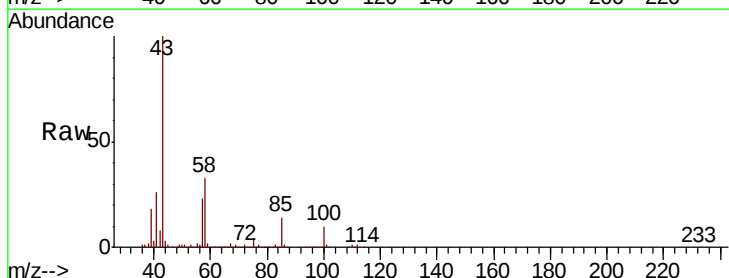
Acq: 3 Mar 2022 6:32

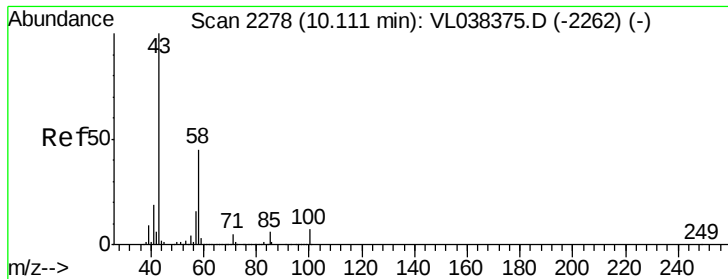
Tgt Ion: 43 Resp: 1337639

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5



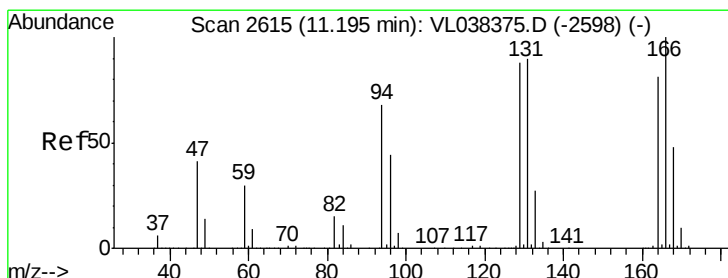
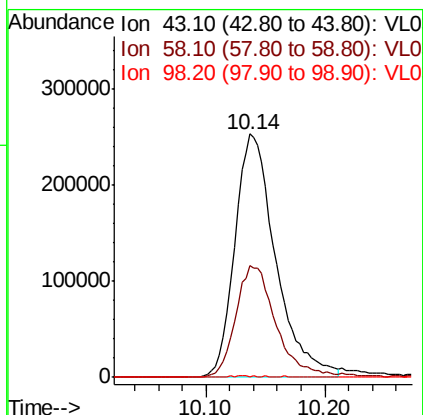
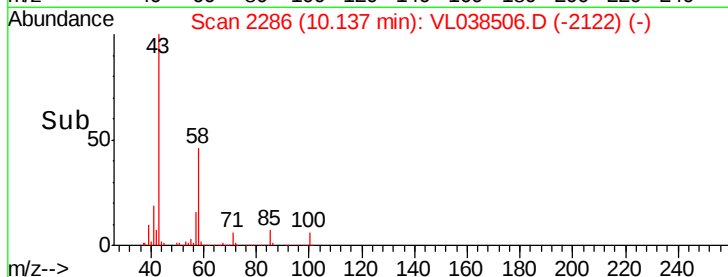
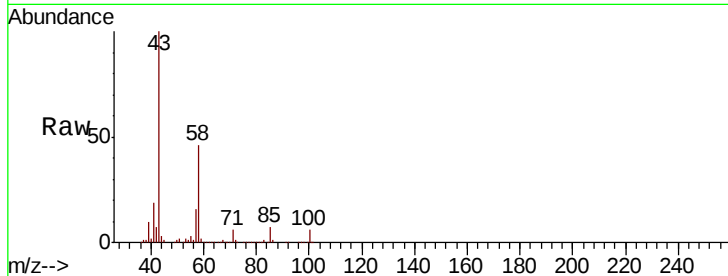


#51
2-Hexanone
Concen: 11.841 ppbv
RT: 10.14 min
Delta R.T.: 0.03 min
Lab File: VSTDCCC010EC
Acq: 3 Mar 2022 6:32

Tot Ion:
Ion Ratio
43 100
58 46.
98 0.

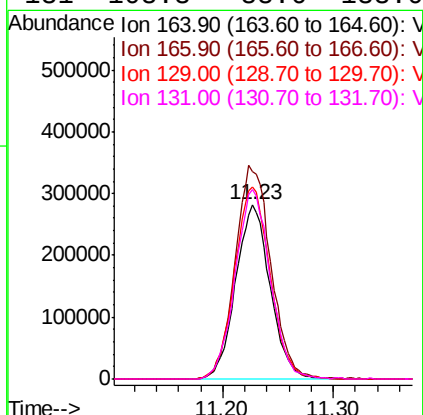
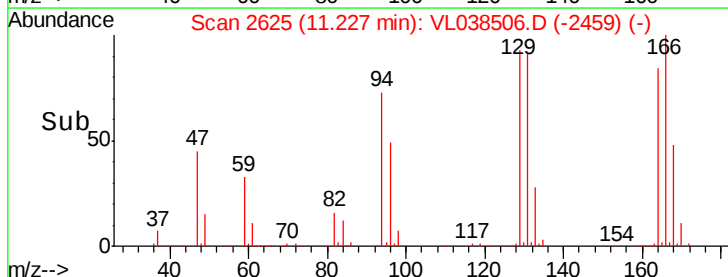
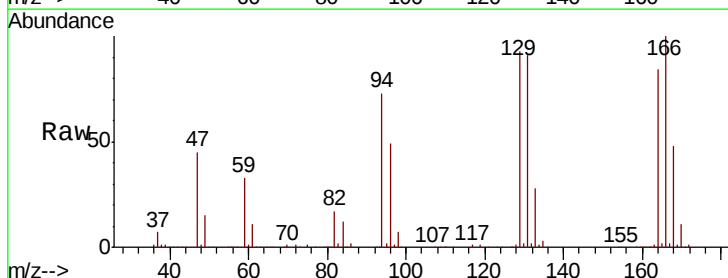
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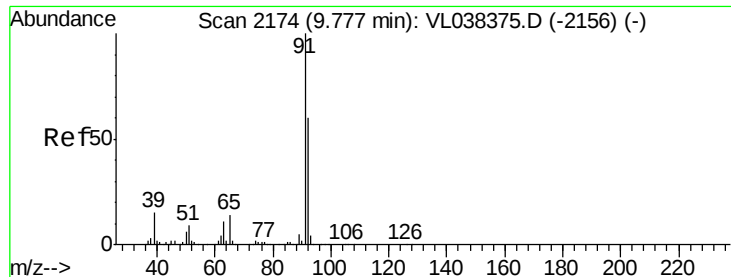
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Tetrachloroethene
Concen: 10.239 ppbv
RT: 11.23 min Scan# 2625
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion:164 Resp: 609042
Ion Ratio Lower Upper
164 100
166 119.1 98.6 148.0
129 110.4 86.9 130.3
131 108.3 88.6 133.0





#53

Toluene

Concen: 11.098 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 6:32 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

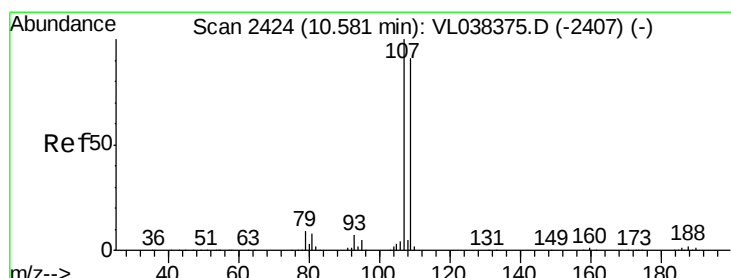
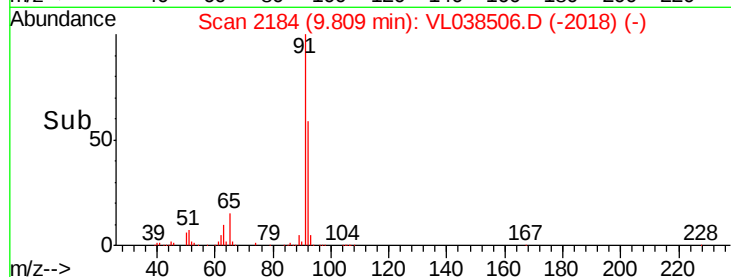
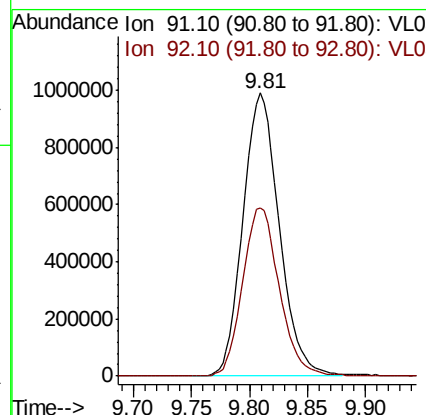
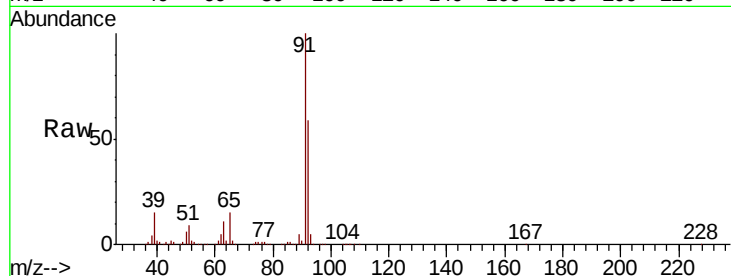
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#54

1,2-Dibromoethane

Concen: 11.274 ppbv

RT: 10.61 min Scan# 2434

Delta R.T. 0.03 min

Lab File: VL038506.D

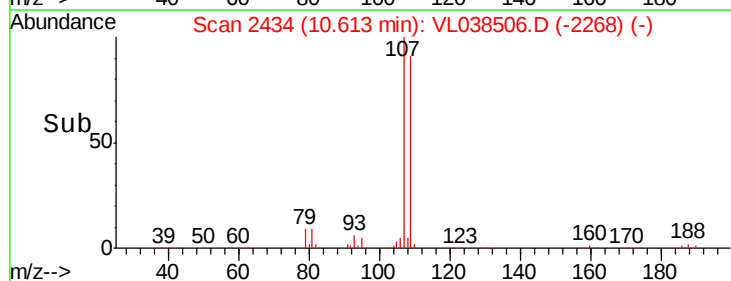
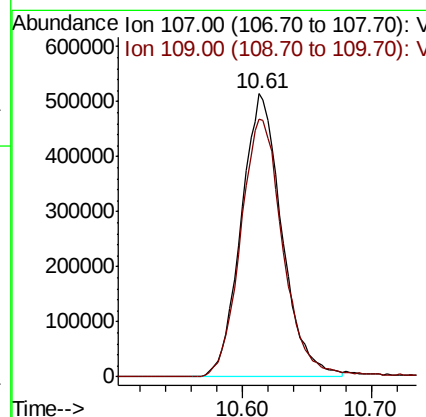
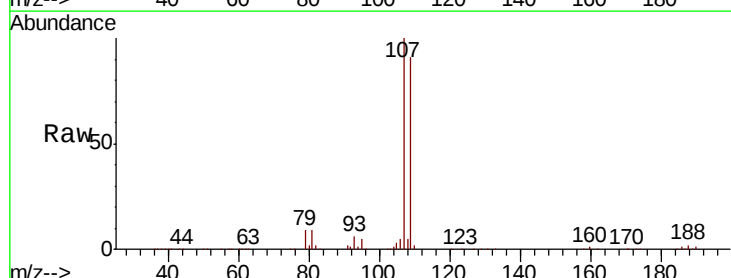
Acq: 3 Mar 2022 6:32

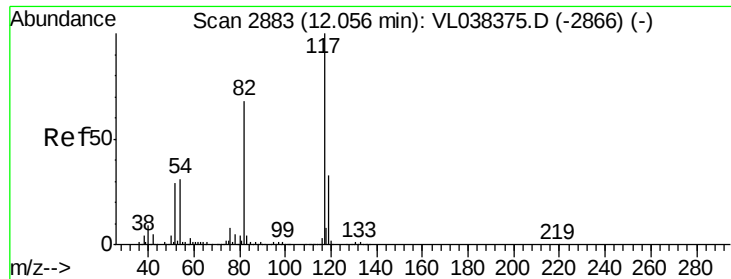
Tgt Ion:107 Resp: 1126893

Ion Ratio Lower Upper

107 100

109 91.0 73.0 109.6



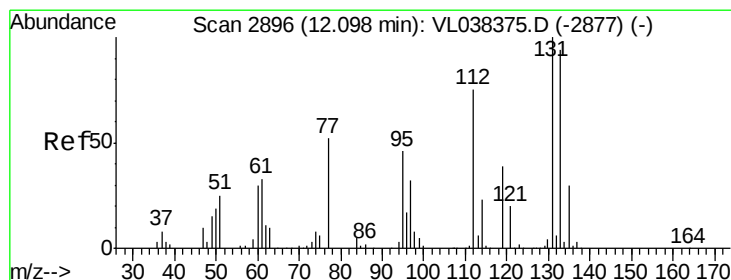
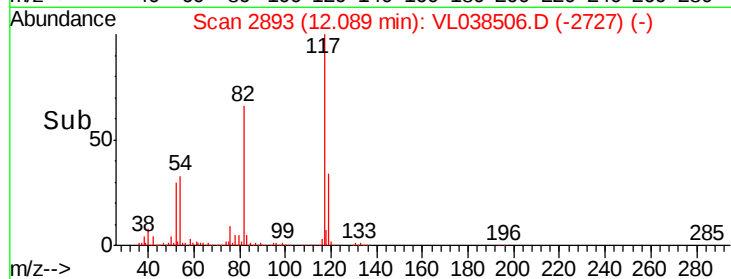
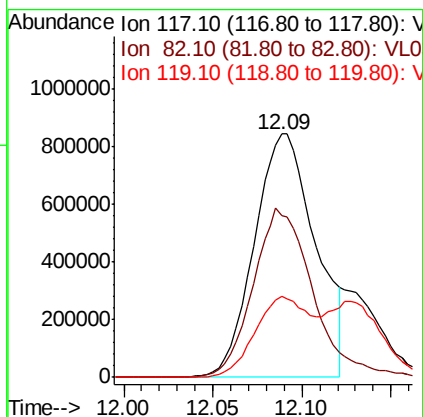
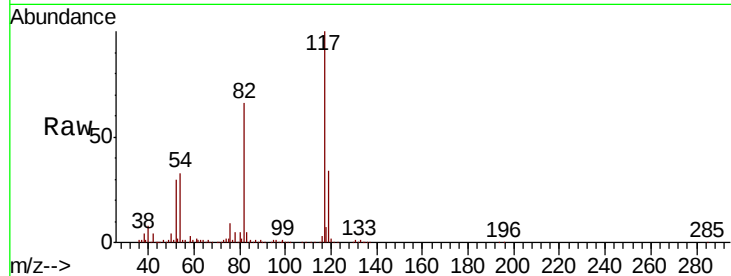


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.09
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 3 Mar 2022 0:32

Tot Ion:1
Ion Rati
117 100
82 68.
119 29.

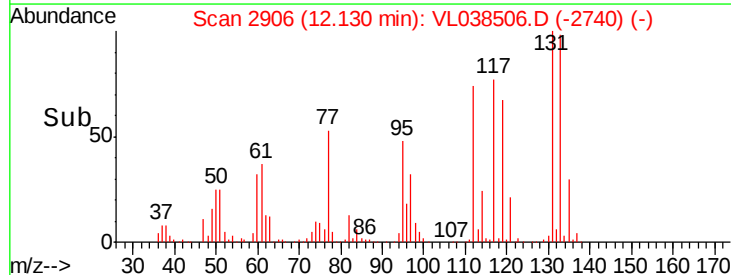
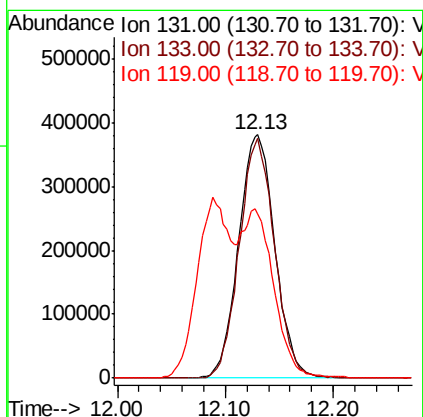
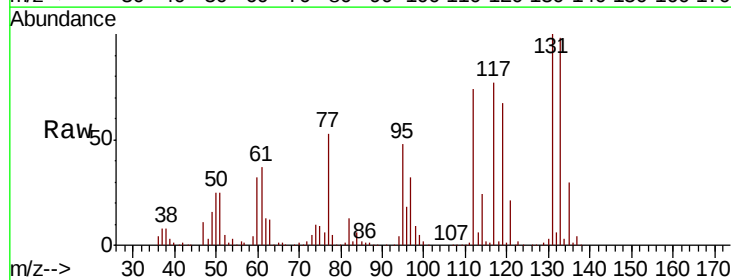
Manual Integrations
APPROVED

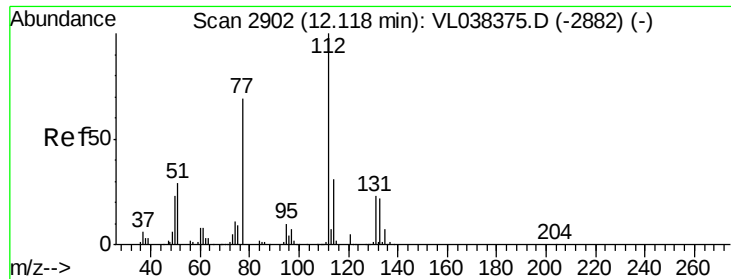
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.616 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion:131 Resp: 892947
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 60.8 48.6 73.0



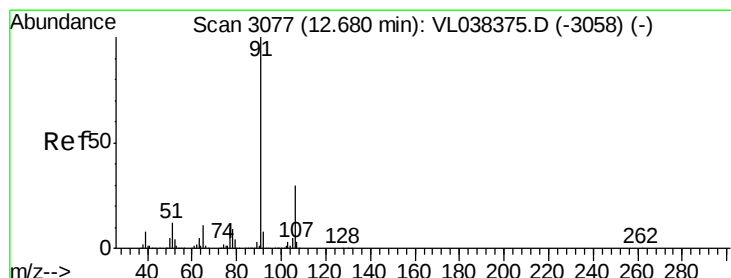
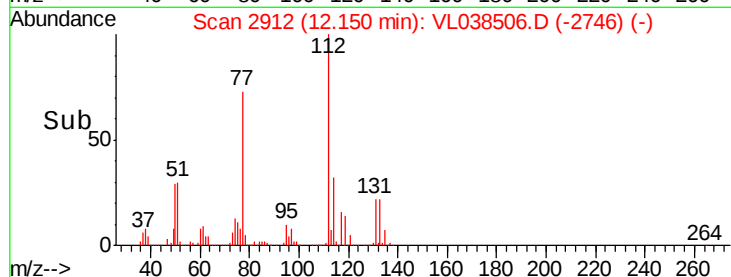
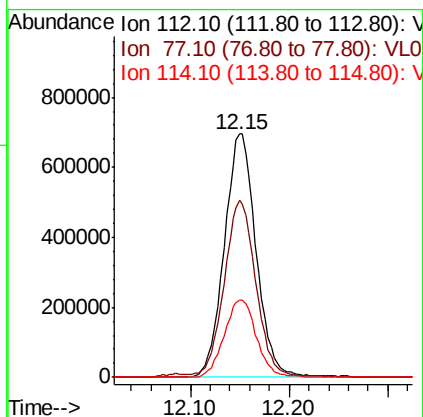
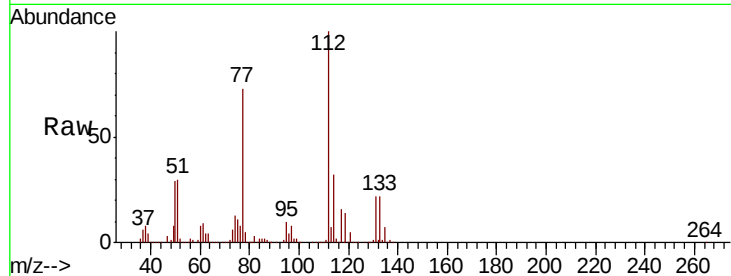


#57
Chlorobenzene
Concen: 9.956 ppbv
RT: 12.15 min
Delta R.T. 0.03 min
Lab File: VSTDCC010EC
Acq: 3 Mar 2022 6:32

Tot Ion: 1
Ion Ratio
112 100
77 72.
114 31.

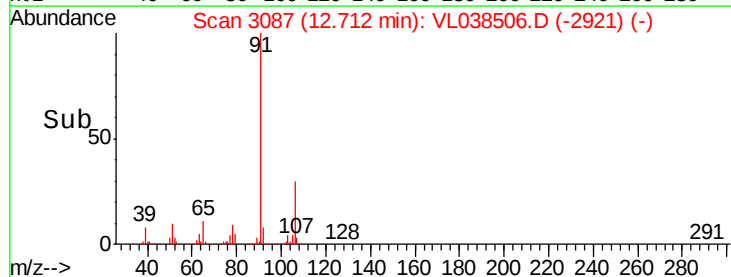
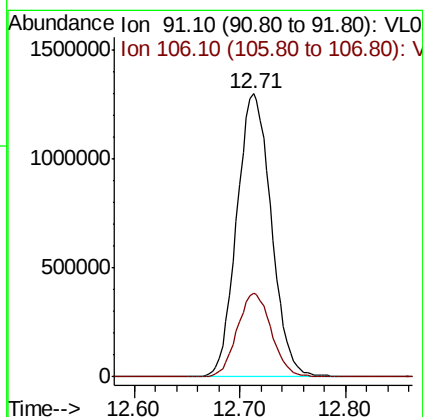
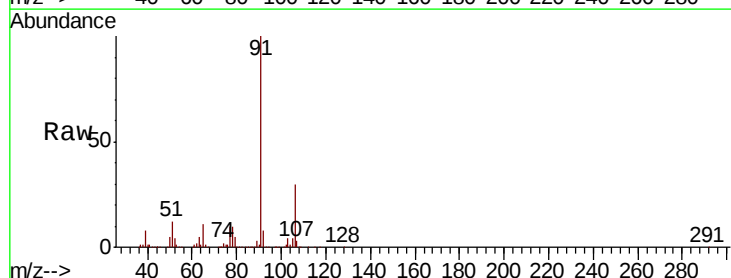
Manual Integrations
APPROVED

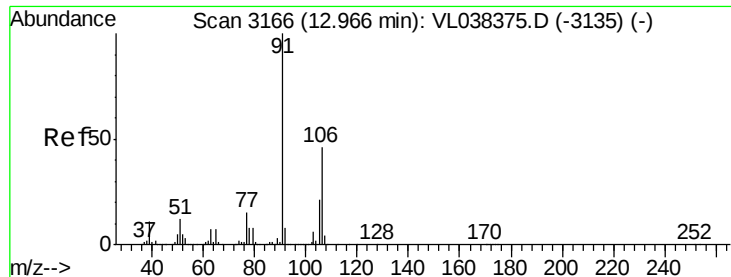
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#58
Ethyl Benzene
Concen: 10.725 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 2959590
Ion Ratio Lower Upper
91 100
106 29.7 24.0 36.0



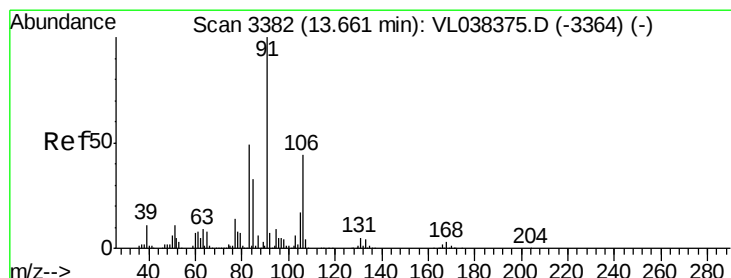
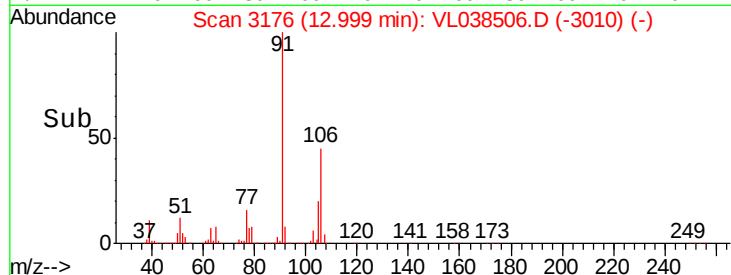
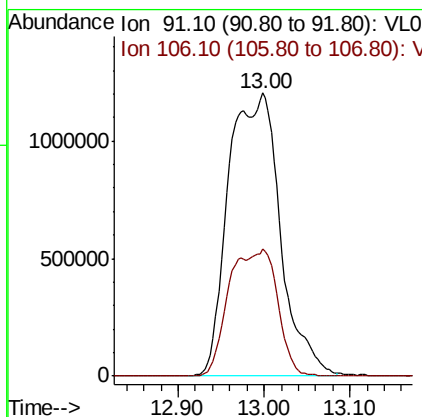
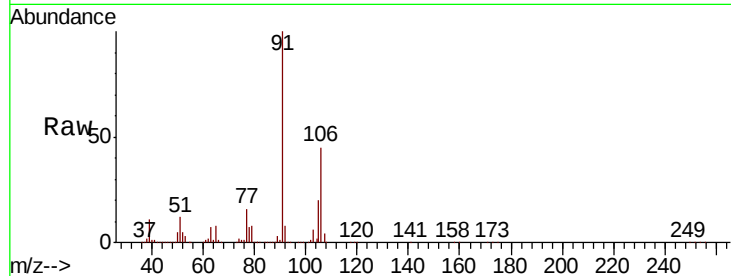


#59
m/p-Xylene
Concen: 21.296 ppbv m
RT: 13.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 3 Mar 2022 6:32

Tot Ion:
Ion Ratio
91 100
106 42.

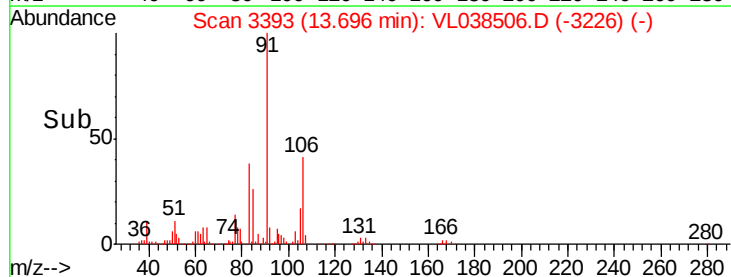
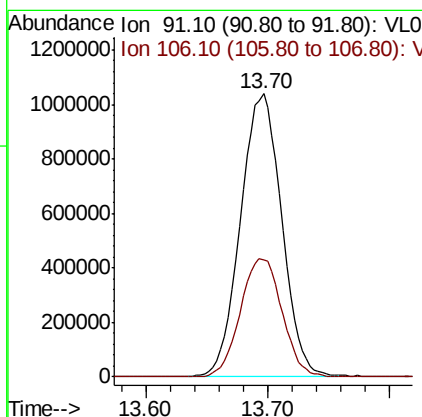
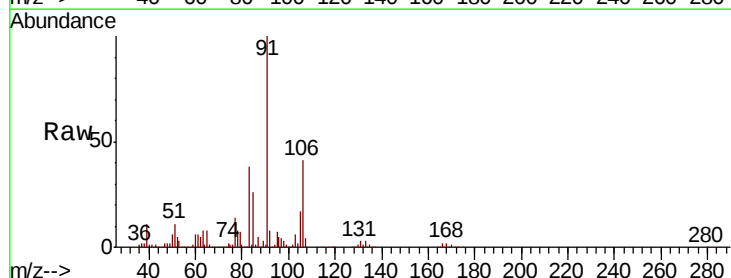
Manual Integrations
APPROVED

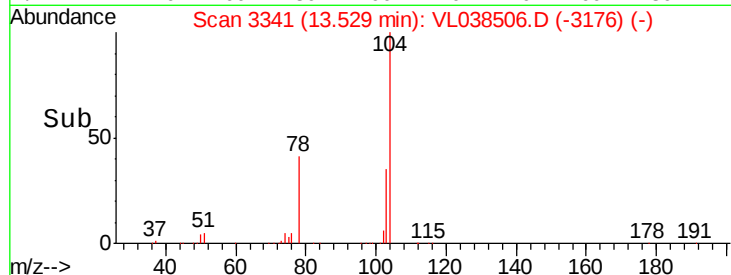
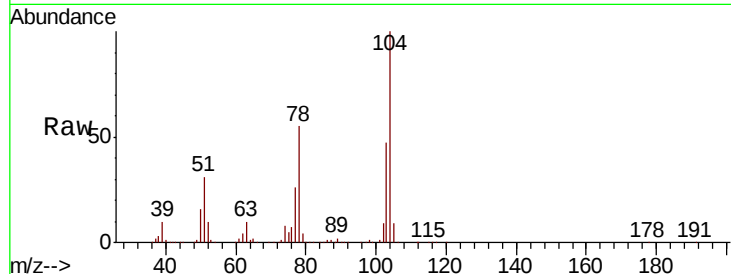
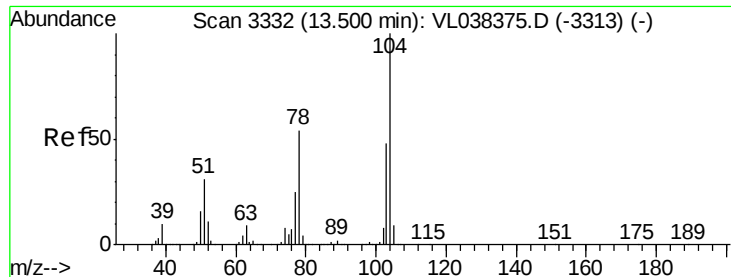
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
o-Xylene
Concen: 10.799 ppbv
RT: 13.70 min Scan# 3393
Delta R.T. 0.04 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 2419423
Ion Ratio Lower Upper
91 100
106 42.8 21.9 65.5



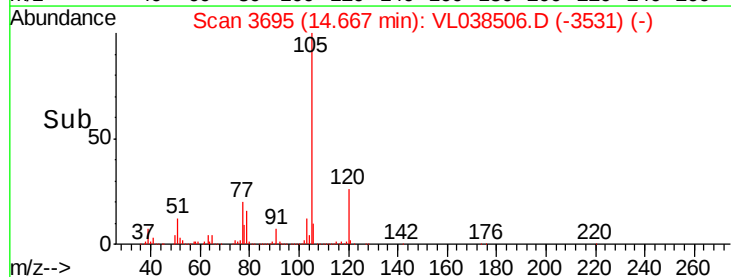
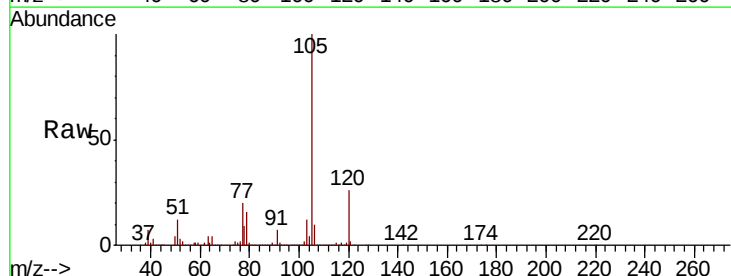
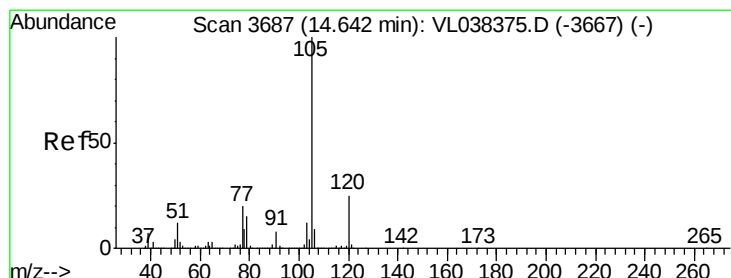
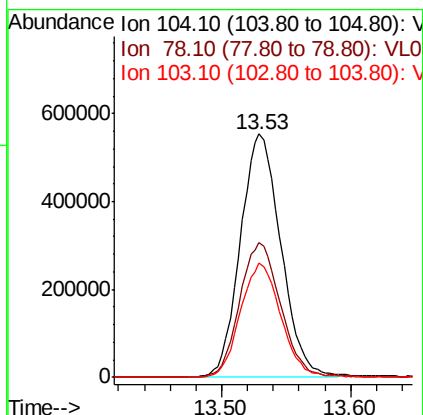


#61
Stvrene
Concen: 11.696 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 0:32 VSTDCCC010EC

Tot Ion:1
Ion Rati
104 100
78 56.
103 47.

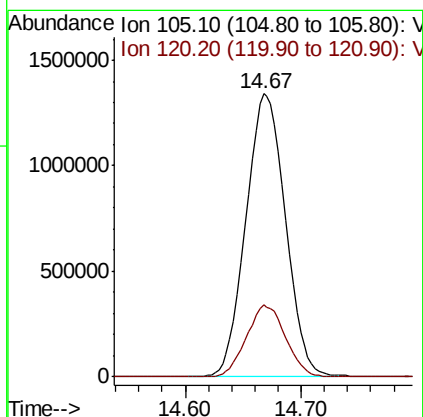
Manual Integrations
APPROVED

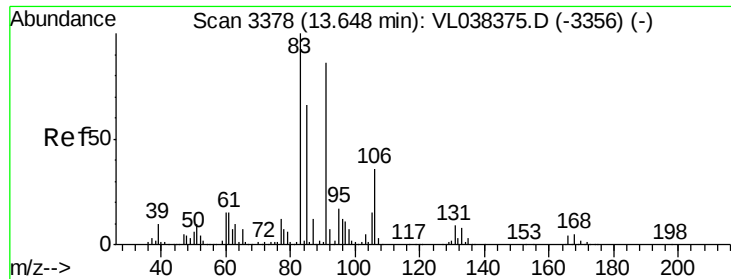
Reviewed By :Semsettin Yesilyurt 03/03/2022
Supervised By :Mahesh Dadoda 03/07/2022



#62
Isopropylbenzene
Concen: 10.594 ppbv
RT: 14.67 min Scan# 3695
Delta R.T. 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion:105 Resp: 3185474
Ion Ratio Lower Upper
105 100
120 25.1 20.6 30.8



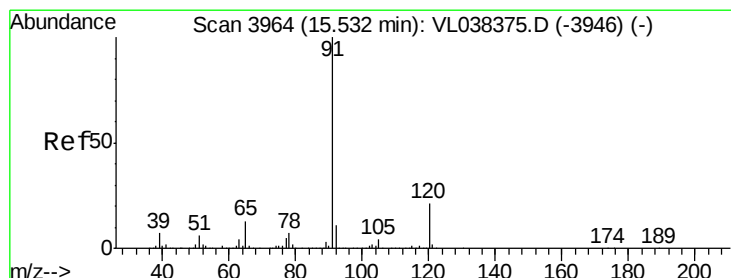
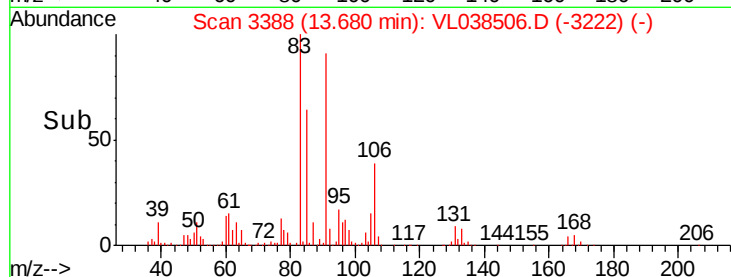
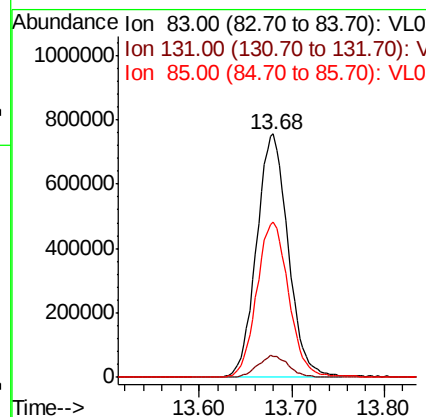
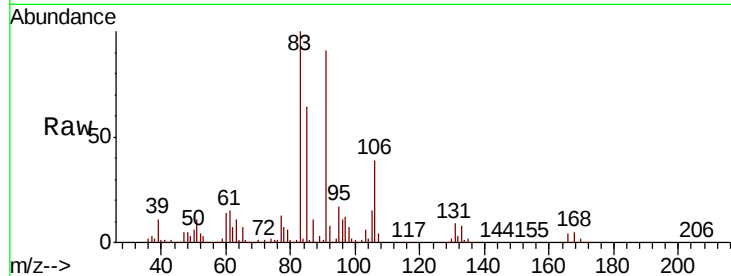


#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.839 ppbv
 RT: 13.68 min
 Delta R.T. 0.03 min
 Lab File: VSTDCCC010EC
 Acq: 3 Mar 2022 6:32

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

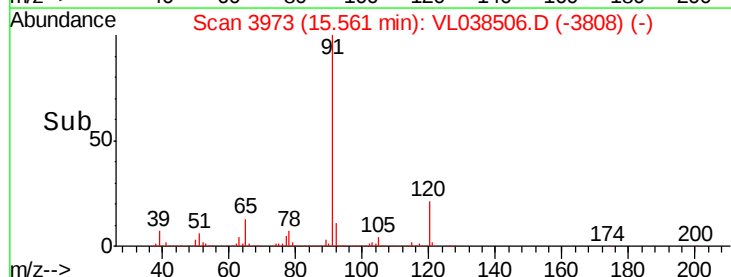
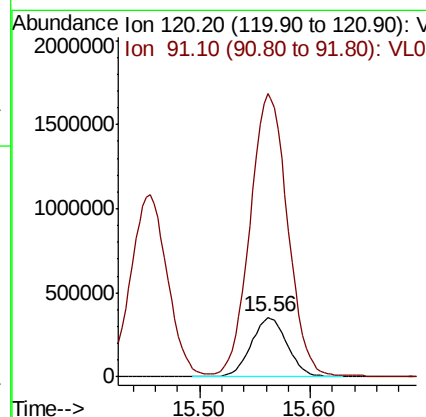
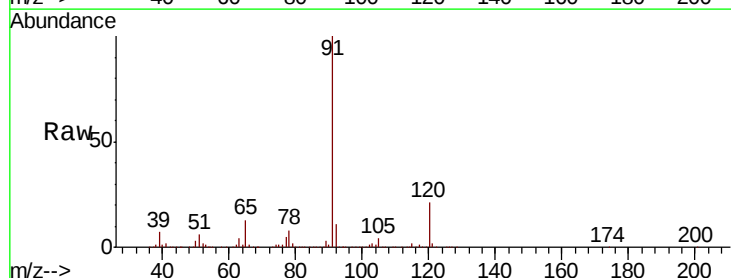
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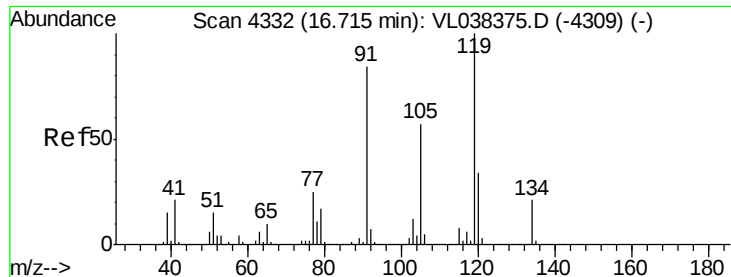
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#64
 n-propylbenzene
 Concen: 10.797 ppbv
 RT: 15.56 min Scan# 3973
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:120 Resp: 803801
 Ion Ratio Lower Upper
 120 100
 91 497.8 388.1 582.1



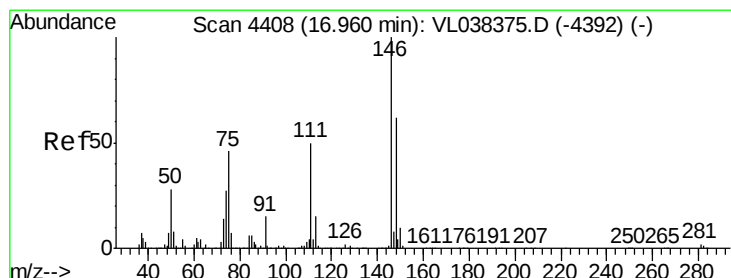
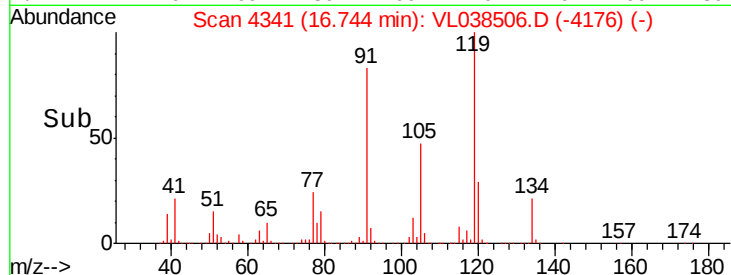
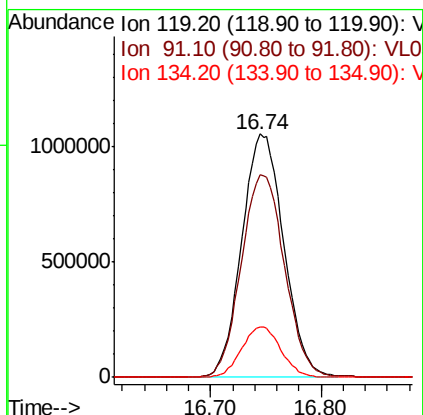
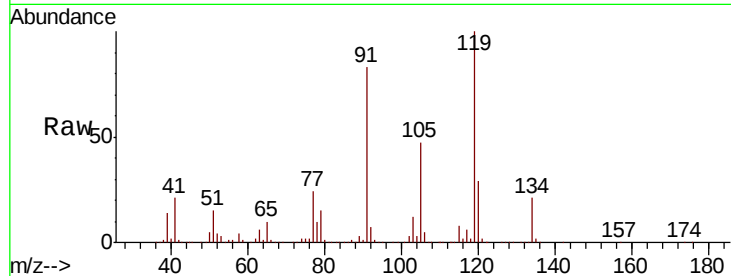


#65
tert-Butylbenzene
Concen: 10.665 ppbv
RT: 16.74 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: VSTDCCC010EC
Acq: 3 Mar 2022 6:32

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

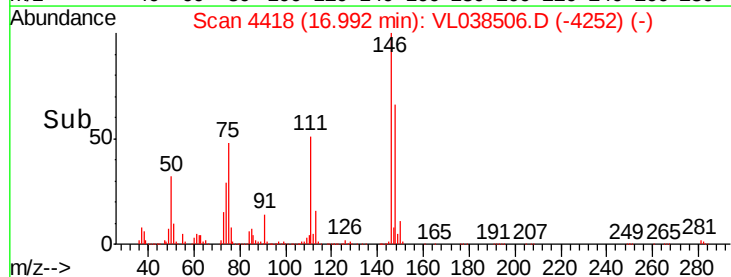
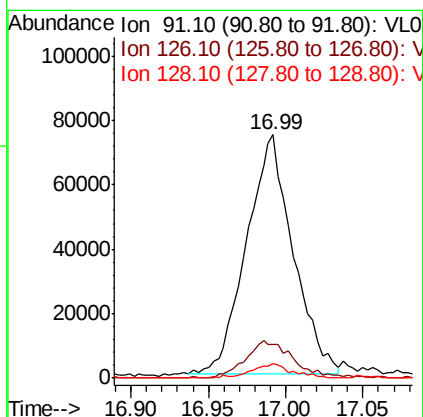
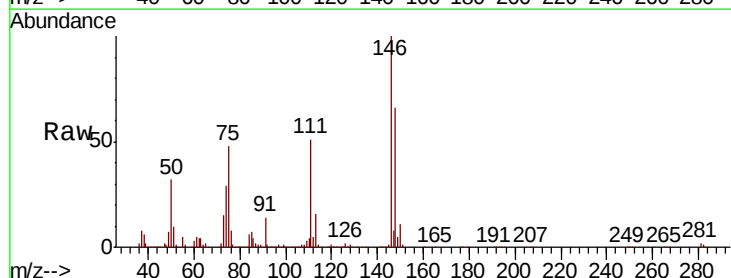
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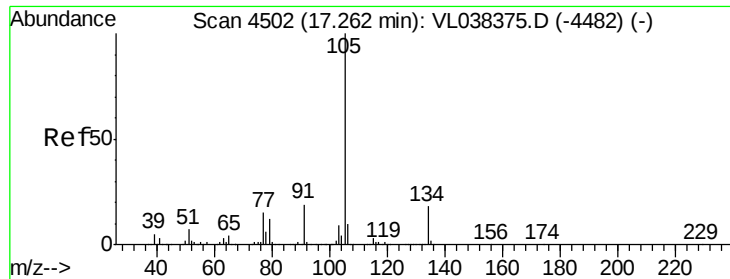
Reviewed By : Semsettin Yesilyurt 03/03/2022
Supervised By : Mahesh Dadoda 03/07/2022



#66
Benzyl Chloride
Concen: 11.034 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 155283
Ion Ratio Lower Upper
91 100
126 16.4 12.3 18.5
128 5.6 4.2 6.4





#67

sec-Butylbenzene

Concen: 10.698 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 0:32

Tot Ion:1

Ion Rati

105 100

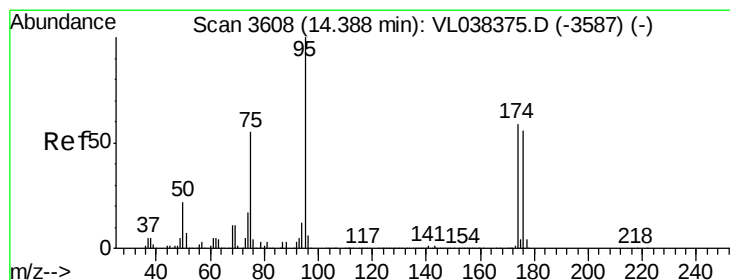
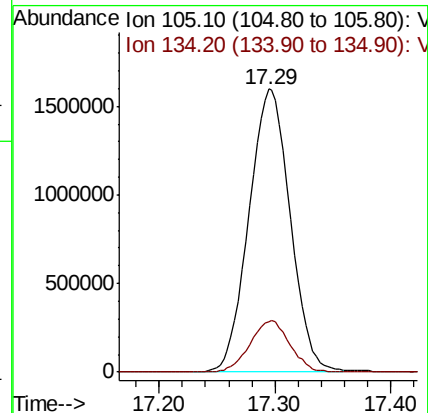
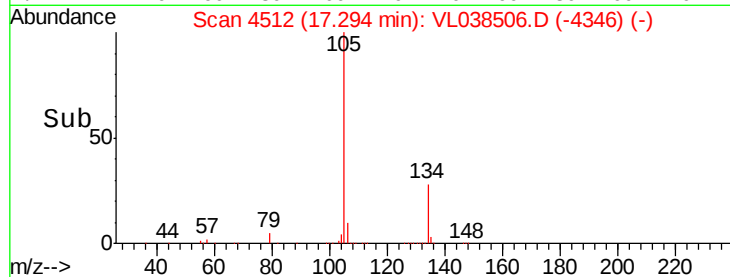
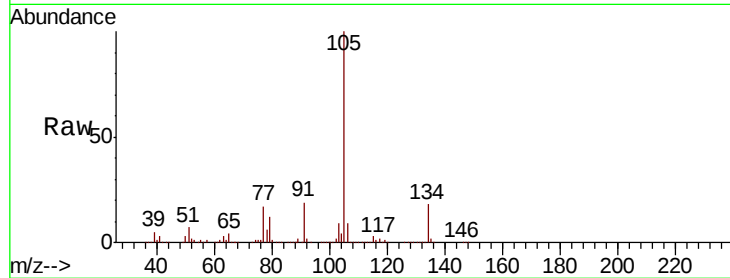
134 17.

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Reviewed By :Semsettin Yesilyurt 03/03/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.368 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

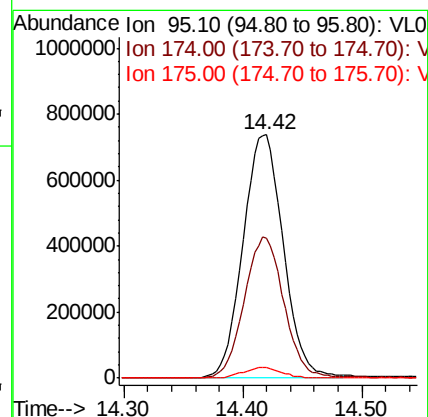
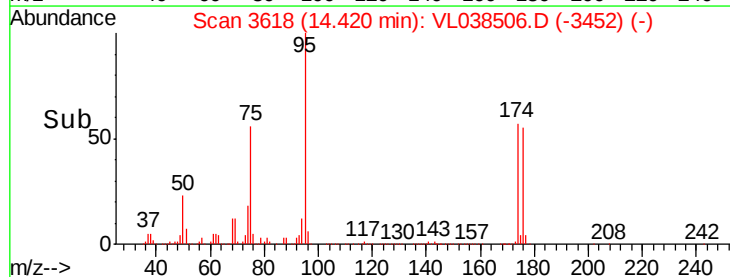
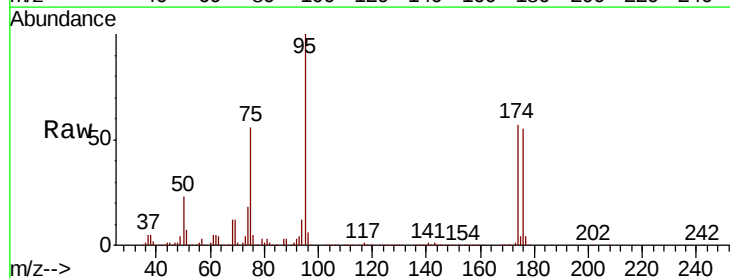
Tgt Ion: 95 Resp: 1731120

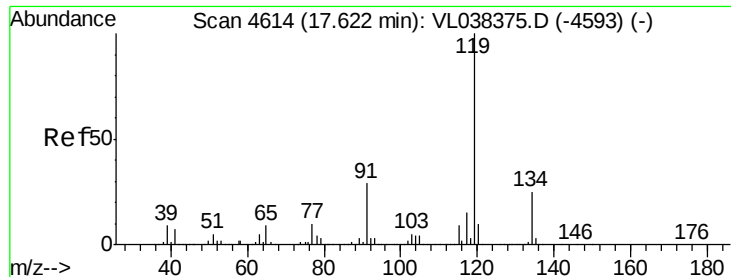
Ion Ratio Lower Upper

95 100

174 57.2 49.0 73.4

175 4.3 3.6 5.4



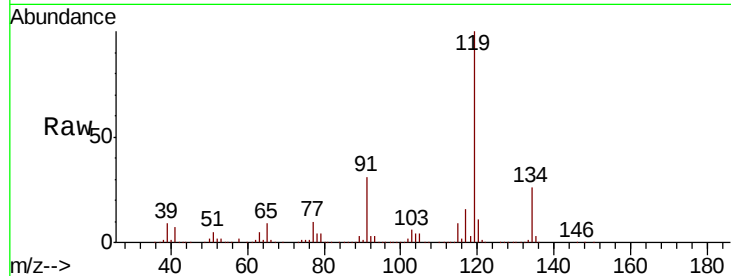


#69
 p-Isopropyltoluene
 Concen: 10.966 ppbv
 RT: 17.65 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 0:32

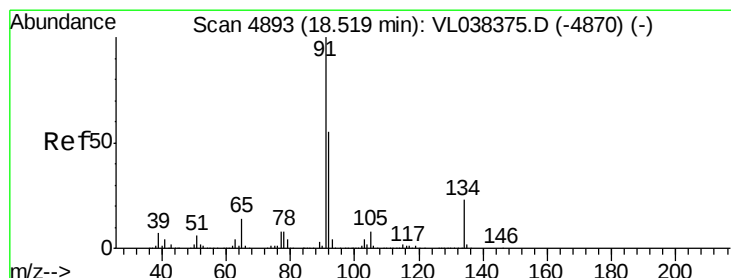
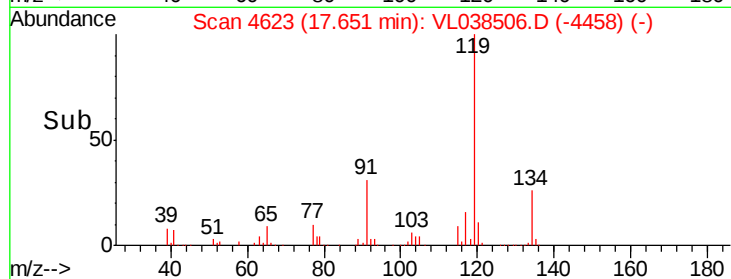
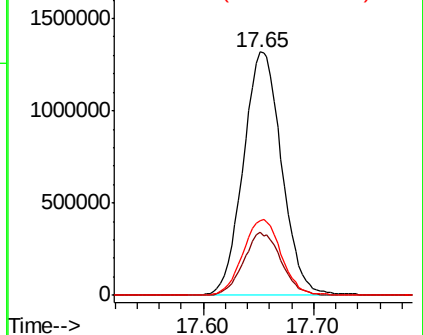
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

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

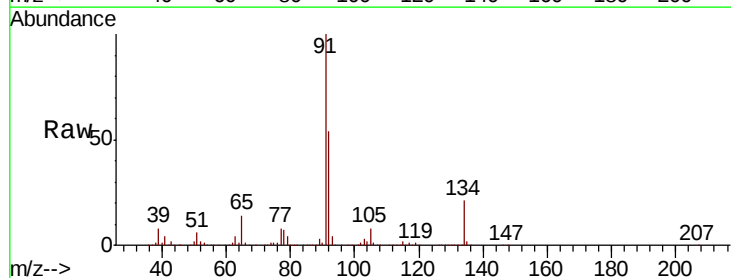


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

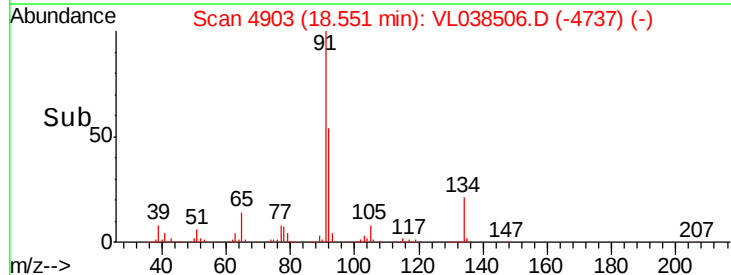
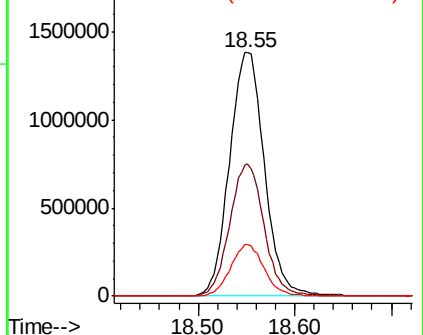


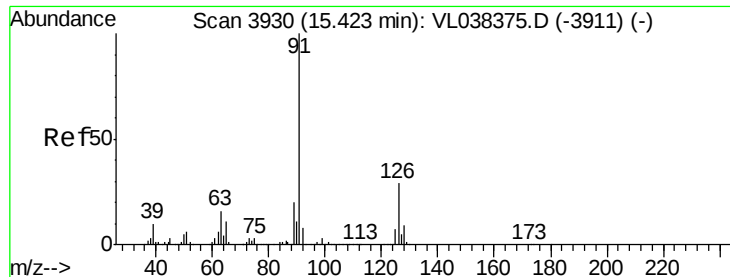
#70
 n-Butylbenzene
 Concen: 11.541 ppbv
 RT: 18.55 min Scan# 4903
 Delta R.T.: 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 91 Resp: 3461666
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.1 64.7
 134 20.5 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



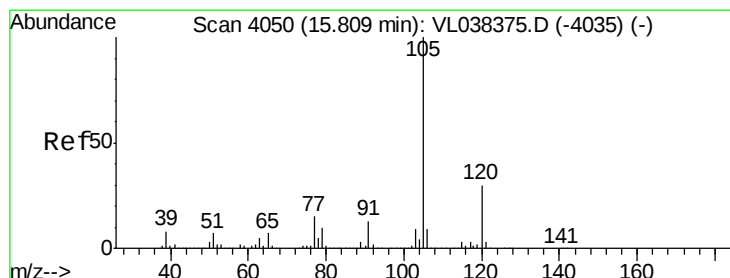
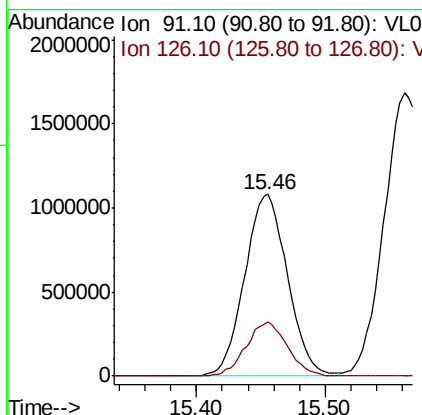
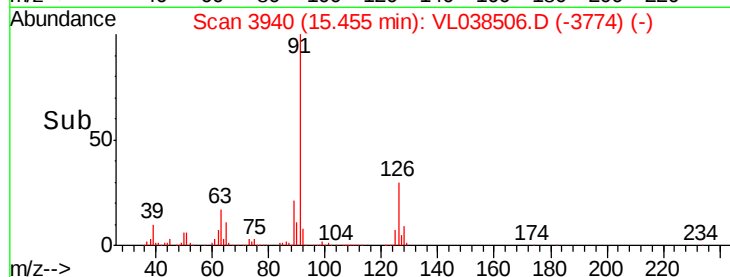
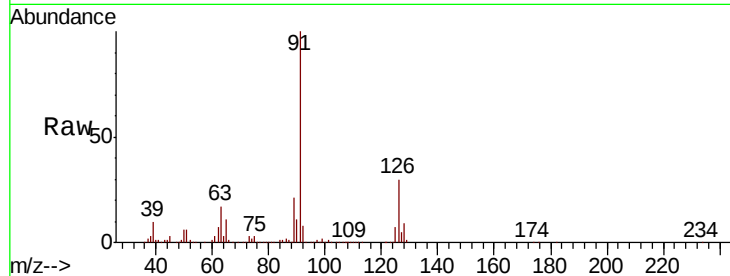


#71
 2-Chlorotoluene
 Concen: 10.802 ppbv
 RT: 15.46 min
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

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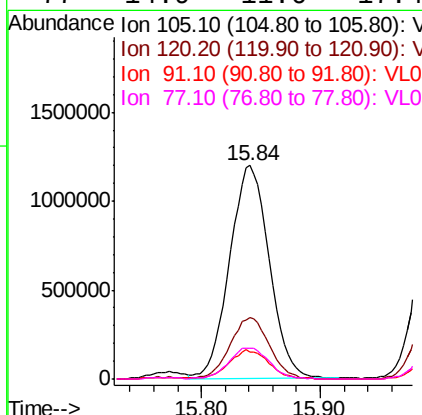
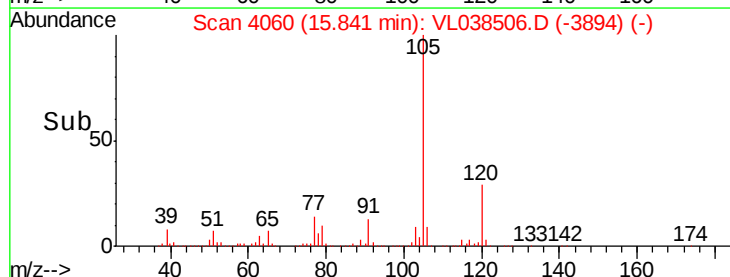
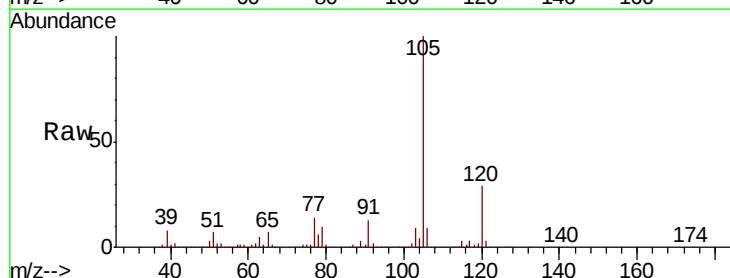
Reviewed By :Semsettin Yesilyurt 03/03/2022
 Supervised By :Mahesh Dadoda 03/07/2022

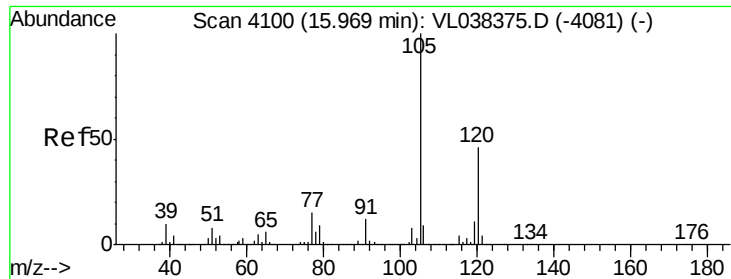
Tot Ion:
 Ion Ratio
 91 100
 126 29.



#72
 4-Ethyltoluene
 Concen: 11.173 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion:105 Resp: 2758062
 Ion Ratio Lower Upper
 105 100
 120 28.6 23.4 35.2
 91 14.2 10.4 15.6
 77 14.9 11.6 17.4



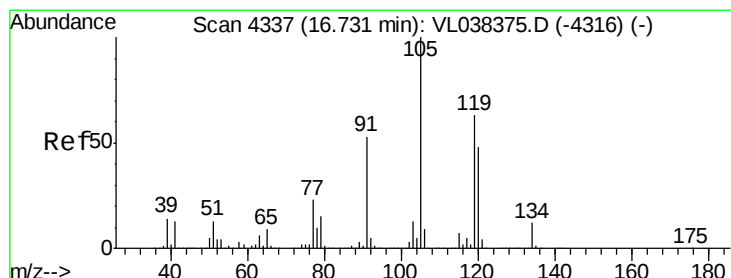
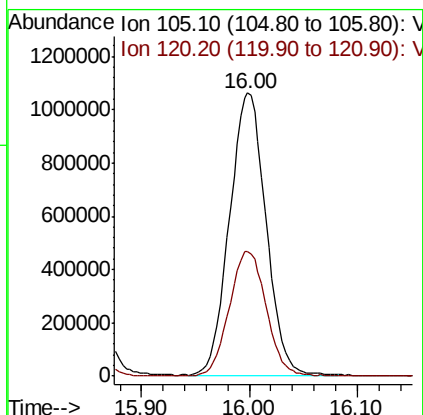
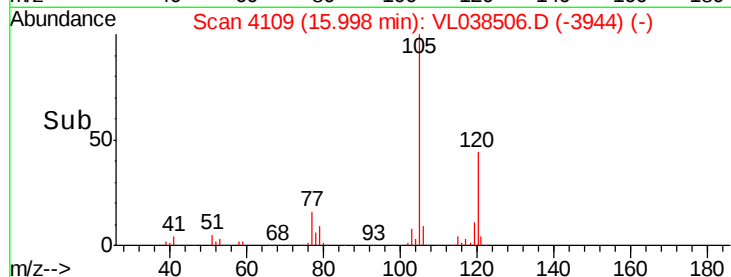
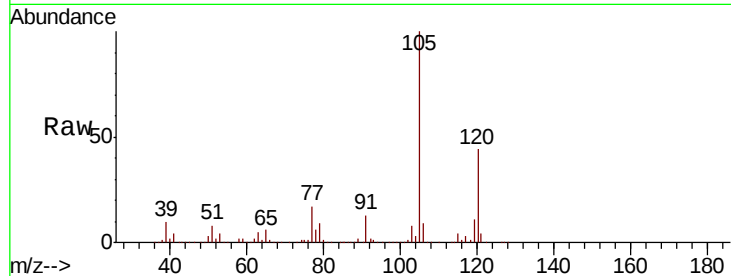


#73
 1,3,5-Trimethylbenzene
 Concen: 11.072 ppbv
 RT: 16.00 min
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tot Ion: 1
 Ion Ratio
 105 100
 120 44.

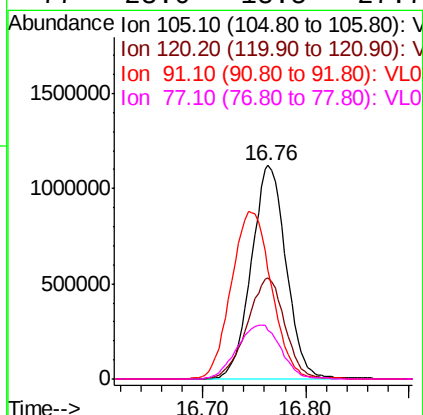
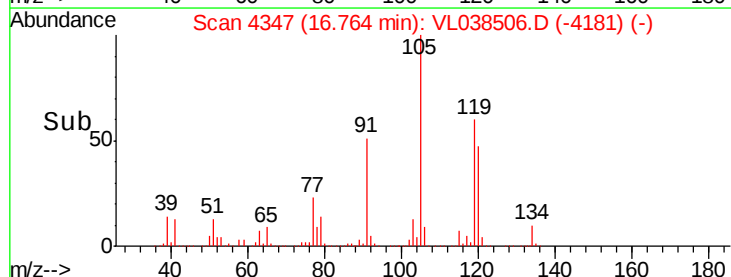
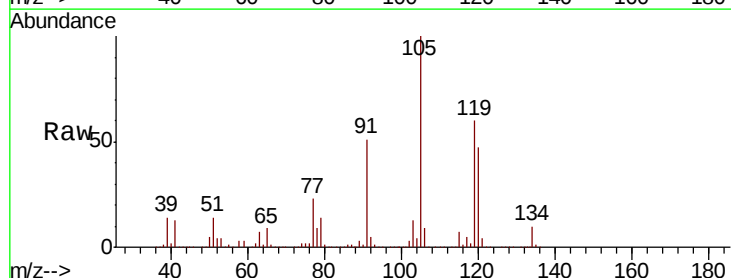
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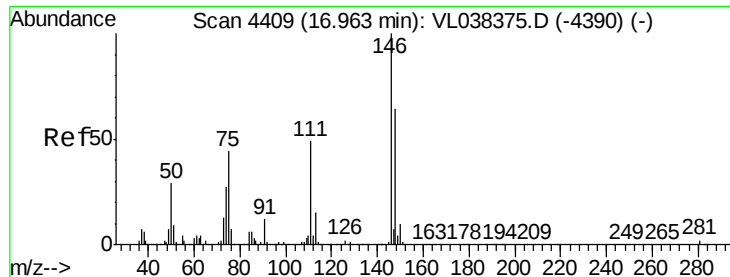
Reviewed By : Semsettin Yesilyurt 03/03/2022
 Supervised By : Mahesh Dadoda 03/07/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 11.050 ppbv
 RT: 16.76 min Scan# 4347
 Delta R.T. 0.03 min
 Lab File: VL038506.D
 Acq: 3 Mar 2022 6:32

Tgt Ion: 105 Resp: 2615206
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.2 57.4
 91 51.0 42.7 64.1
 77 23.0 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 10.541 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32 VSTDCCC010EC

Tot Ion:1

Ion Rati

146 100

111 50.

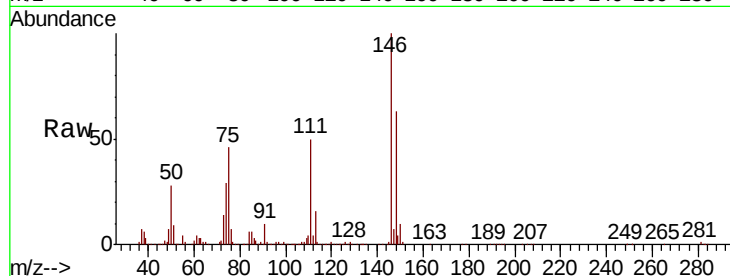
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/03/2022

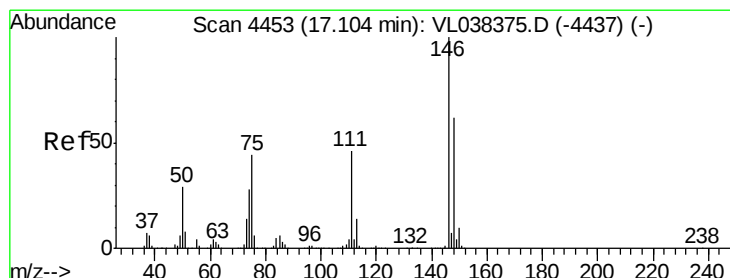
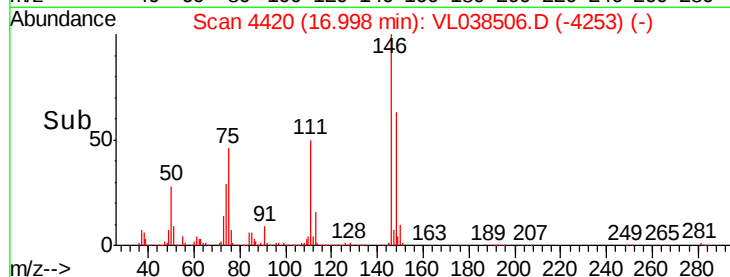
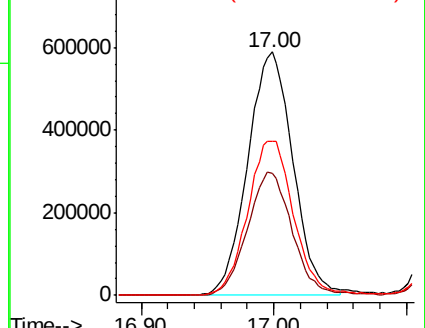
Supervised By :Mahesh Dadoda 03/07/2022



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: 10.697 ppbv m

RT: 17.14 min Scan# 4464

Delta R.T. 0.04 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

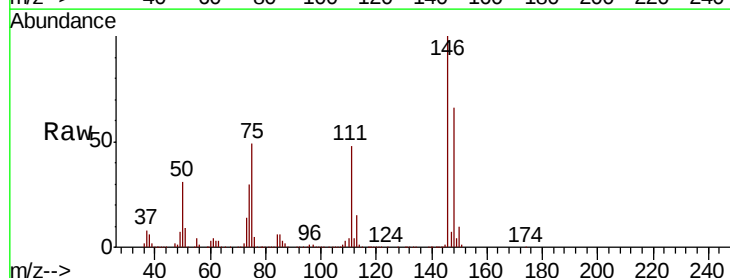
Tgt Ion:146 Resp: 1398232

Ion Ratio Lower Upper

146 100

111 47.6 24.1 72.2

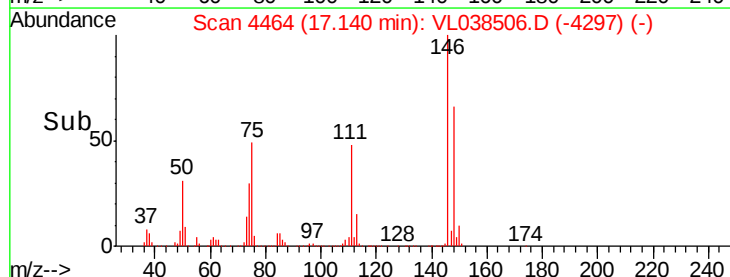
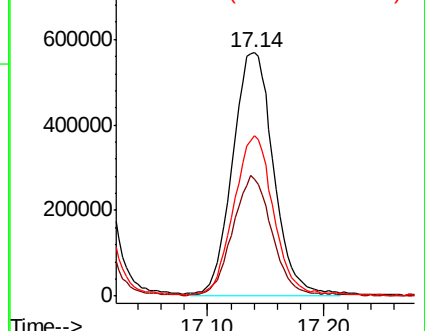
148 64.3 32.8 98.4

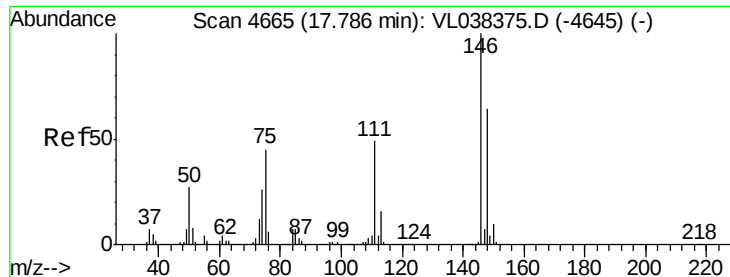


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 10.505 ppbv

RT: 17.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 0:32

Tot Ion:1

Ion Rati

146 100

111 51.

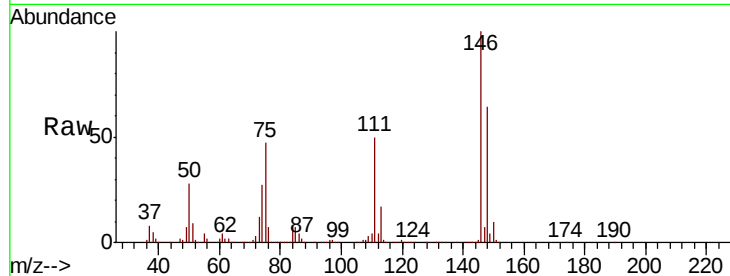
148 64.

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Reviewed By :Semsettin Yesilyurt 03/03/2022

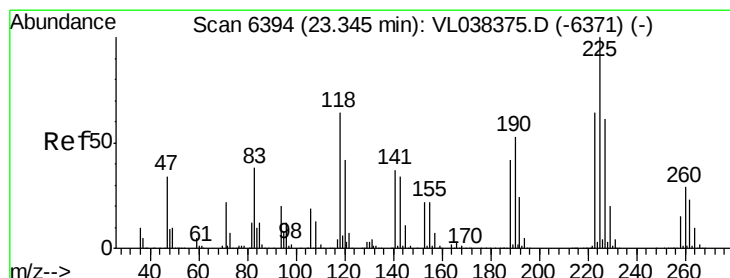
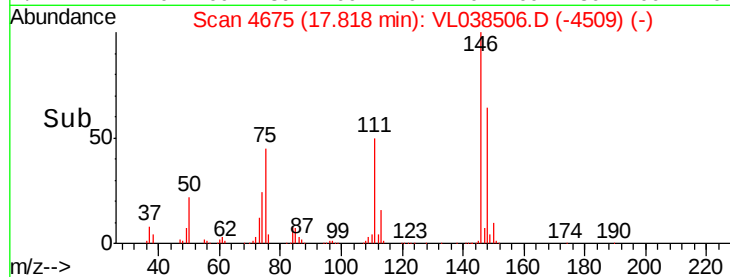
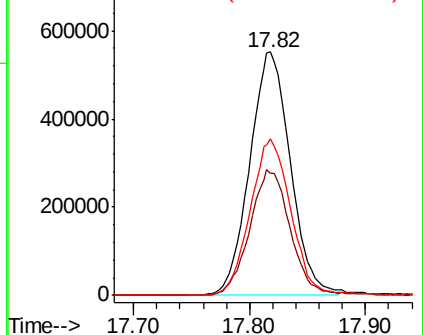
Supervised By :Mahesh Dadoda 03/07/2022



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



#78

Hexachloro-1,3-Butadiene

Concen: 10.202 ppbv m

RT: 23.37 min Scan# 6402

Delta R.T. 0.03 min

Lab File: VL038506.D

Acq: 3 Mar 2022 6:32

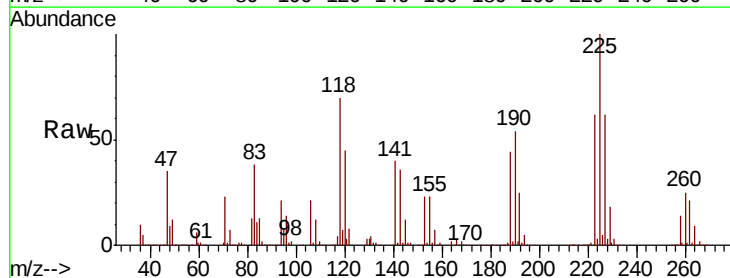
Tgt Ion:225 Resp: 992758

Ion Ratio Lower Upper

225 100

223 64.7 52.0 78.0

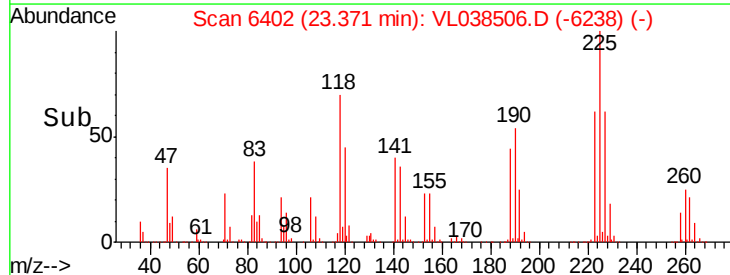
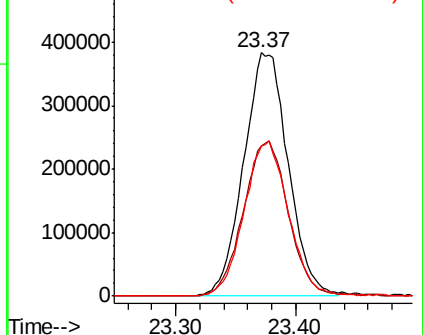
227 63.2 51.6 77.4

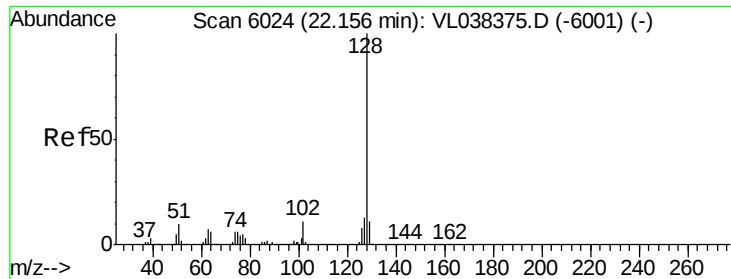


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



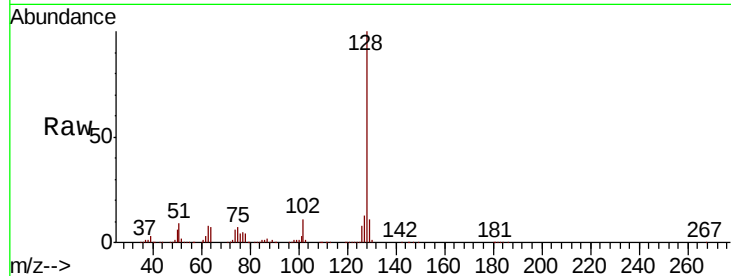


#79
Naphthalene
Concen: 13.247 ppbv
RT: 22.19 min
Instrument: MSVOA_L
Delta R.T.: 0.03 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 3 Mar 2022 6:32

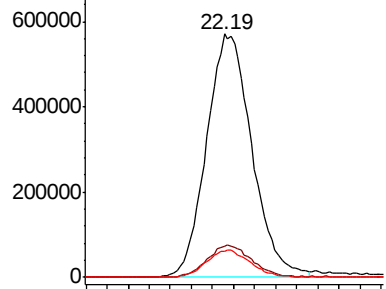
Tot Ion: 1
Ion Ratio
128 100
127 12.
129 10.

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APPROVED

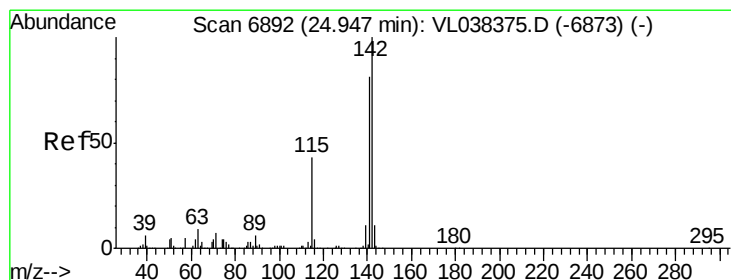
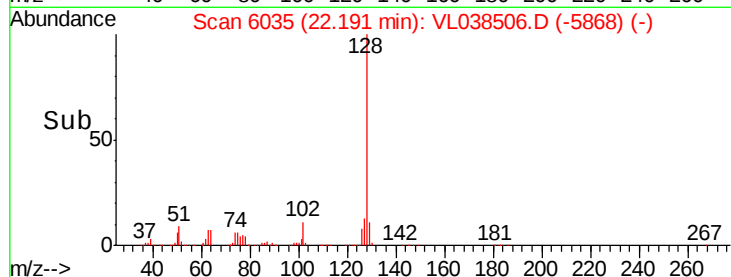
Reviewed By : Semsettin Yesilyurt 03/03/2022
Supervised By : Mahesh Dadoda 03/07/2022



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

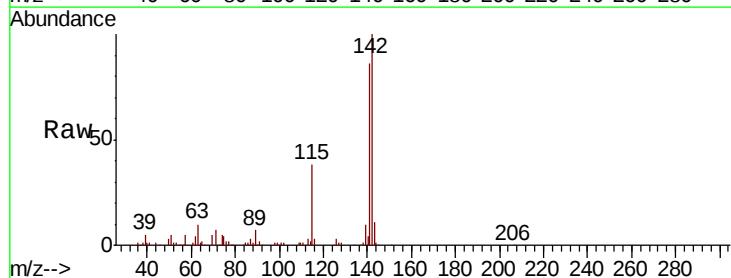


Time-->

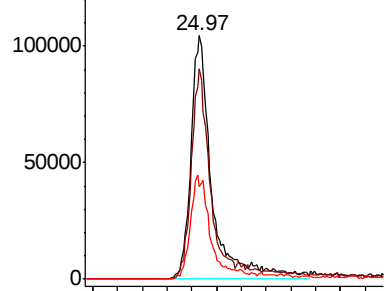


#80
Naphthalene, 2-methyl-
Concen: 10.004 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.03 min
Lab File: VL038506.D
Acq: 3 Mar 2022 6:32

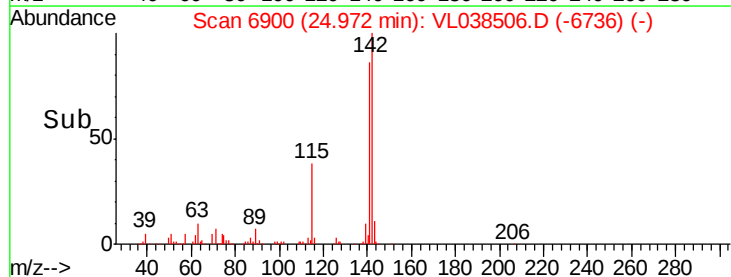
Tgt Ion: 142 Resp: 250695
Ion Ratio Lower Upper
142 100
141 84.2 69.8 104.6
115 40.3 33.0 49.6

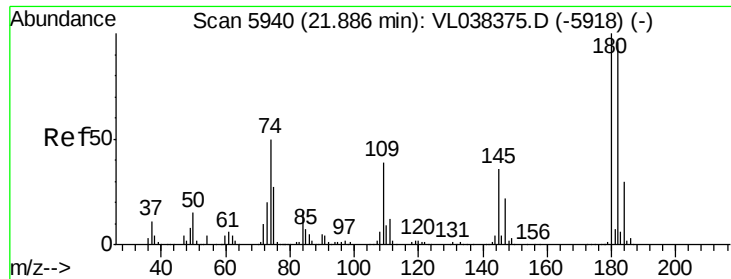


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



Time-->





#81
 1,2,4-Trichlorobenzene
 Concen: 12.343 ppbv
 RT: 21.92
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 3 Mar 2022 0.32

Tot Ion: 1
 Ion Rati
 180 100
 182 98.
 184 30.

Manual Integrations
 APPROVED

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

