

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038531.D
 Acq On : 4 Mar 2022 2:19
 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 04 06:50:01 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 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	847474	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	2012455	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	2000923	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1780976	10.76	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.03	85	2043282	15.222	ppbv	97
3) Chlorodifluoromethane	2.97	51	1685303	11.262	ppbv	98
4) Chloromethane	3.12	50	590545	11.357	ppbv	99
5) Vinyl Chloride	3.24	62	590975	10.872	ppbv	96
6) Bromomethane	3.45	94	325523	11.353	ppbv	100
7) Chloroethane	3.54	64	208648	11.951	ppbv	98
8) Dichlorotetrafluoroethane	3.17	85	1513686	12.123	ppbv	95
9) Propene	2.99	41	536532	10.859	ppbv	98
10) Heptane	8.09	43	1451657	12.069	ppbv	99
11) Trichlorofluoromethane	3.93	101	1521480	11.839	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1128850	11.981	ppbv	98
13) Ethanol	3.58	45	46156m	9.360	ppbv	
14) Bromoethene	3.72	108	445117	11.859	ppbv	99
15) Acetone	3.83	43	756502	10.497	ppbv	99
16) 1,3-Butadiene	3.31	39	562407	11.683	ppbv	95
17) tert-Butyl alcohol	4.26	59	727813	10.122	ppbv	99
18) 1,1-Dichloroethene	4.26	96	478753	11.574	ppbv	97
19) Isopropyl Alcohol	3.94	45	392390	9.402	ppbv #	99
20) Methylene Chloride	4.32	84	395635	11.080	ppbv	97
21) Allyl Chloride	4.38	41	713011	11.714	ppbv	99
22) trans-1,2-Dichloroethene	4.86	96	504565	12.089	ppbv	98
23) Vinyl Acetate	5.04	43	1067133	11.173	ppbv	99
24) 1,1-Dichloroethane	4.98	63	1022776	11.911	ppbv	98
25) Ethyl Acetate	5.65	43	2288622	11.820	ppbv	99
26) Hexane	5.65	57	1022643	11.663	ppbv	99
27) Carbon Disulfide	4.52	76	1232213	12.634	ppbv	99
28) Methyl tert-Butyl Ether	5.00	73	1028037	11.511	ppbv	99
29) Chloroform	5.72	83	1692561	11.827	ppbv	97
30) Cyclohexane	7.10	84	853357	11.900	ppbv	98
31) cis-1,2-Dichloroethene	5.52	61	1025787	12.075	ppbv	98
32) 1,1,1-Trichloroethane	6.47	97	1658091	11.521	ppbv	99
34) 2-Butanone	5.21	43	787002	12.434	ppbv	98
35) Carbon Tetrachloride	6.98	117	1751187	12.375	ppbv	98
36) Benzene	6.85	78	2066995	11.667	ppbv	98
37) 1,2-Dichloroethane	6.27	62	1277746	12.481	ppbv	99
38) Trichloroethene	7.80	130	759327	11.767	ppbv	97
39) 1,2-Dichloropropane	7.57	63	832431	11.796	ppbv	98
40) 1,4-Dioxane	7.80	88	180288m	10.771	ppbv	
41) Tetrahydrofuran	6.02	42	516400	12.075	ppbv	99
42) Bromodichloromethane	7.75	83	1834208	12.407	ppbv	99
43) Methyl Methacrylate	7.98	69	787418	12.785	ppbv	98

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Manual Integrations
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Quant Time: Mar 04 06:50:01 2022

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

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

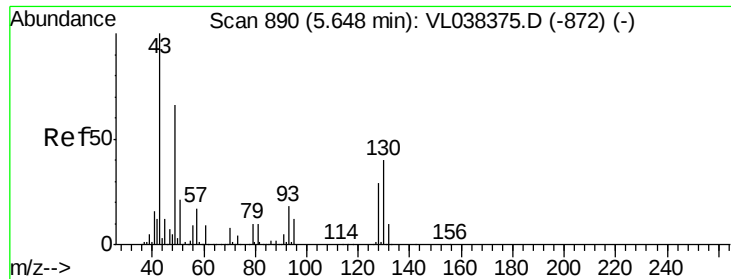
QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 03/05/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	3644390	11.968	ppbv	99
45) t-1,3-Dichloropropene	9.24	75	609020	12.373	ppbv	98
46) cis-1,3-Dichloropropene	8.66	75	755693	11.714	ppbv	99
47) 1,1,2-Trichloroethane	9.44	97	853963	12.164	ppbv	97
48) Dibromochloromethane	10.26	129	1491053	12.989	ppbv	100
49) Bromoform	13.00	173	1167310	13.776	ppbv	98
50) 4-Methyl-2-Pentanone	8.70	43	1476109	13.191	ppbv	100
51) 2-Hexanone	10.10	43	660255	13.179	ppbv #	98
52) Tetrachloroethene	11.18	164	654521	11.129	ppbv	98
53) Toluene	9.76	91	2388344	12.416	ppbv	99
54) 1,2-Dibromoethane	10.57	107	1239416	12.541	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.09	131	994446	11.924	ppbv	94
57) Chlorobenzene	12.10	112	1722776	11.159	ppbv	96
58) Ethyl Benzene	12.67	91	3286927	12.013	ppbv	99
59) m/p-Xylene	12.95	91	5615693m	23.898	ppbv	
60) o-Xylene	13.65	91	2712258	12.210	ppbv	99
61) Styrene	13.48	104	1341364	13.092	ppbv	99
62) Isopropylbenzene	14.62	105	3566122	11.961	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.64	83	2015175	11.165	ppbv	99
64) n-propylbenzene	15.52	120	896830	12.149	ppbv	95
65) tert-Butylbenzene	16.70	119	3117249	12.071	ppbv	98
66) Benzyl Chloride	16.94	91	169965	12.181	ppbv	99
67) sec-Butylbenzene	17.25	105	4446396	12.153	ppbv	99
69) p-Isopropyltoluene	17.61	119	3575782	12.442	ppbv	99
70) n-Butylbenzene	18.51	91	3878725	13.042	ppbv	99
71) 2-Chlorotoluene	15.41	91	2805609	12.238	ppbv	98
72) 4-Ethyltoluene	15.80	105	3110024	12.707	ppbv	99
73) 1,3,5-Trimethylbenzene	15.95	105	2788711	12.547	ppbv	98
74) 1,2,4-Trimethylbenzene	16.72	105	2923227	12.457	ppbv	99
75) 1,3-Dichlorobenzene	16.95	146	1578134	12.007	ppbv	99
76) 1,4-Dichlorobenzene	17.10	146	1515670	11.694	ppbv	99
77) 1,2-Dichlorobenzene	17.77	146	1492679	11.798	ppbv	99
78) Hexachloro-1,3-Butadiene	23.33	225	1108902	11.493	ppbv	100
79) Naphthalene	22.14	128	1914244	15.055	ppbv	99
80) Naphthalene, 2-methyl-	24.93	142	280940	11.306	ppbv	97
81) 1,2,4-Trichlorobenzene	21.87	180	1080076	14.050	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

49 100

128 47.

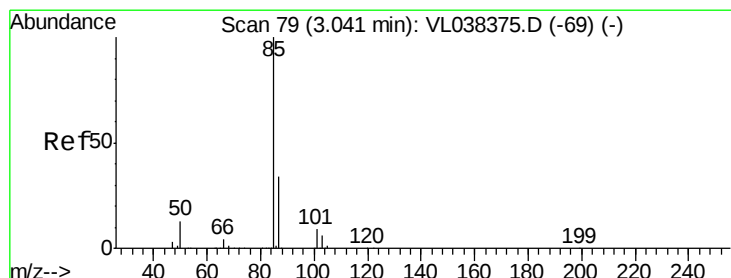
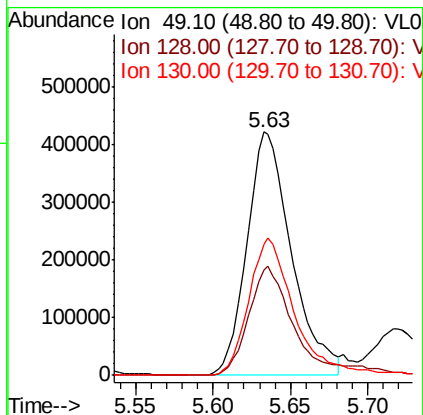
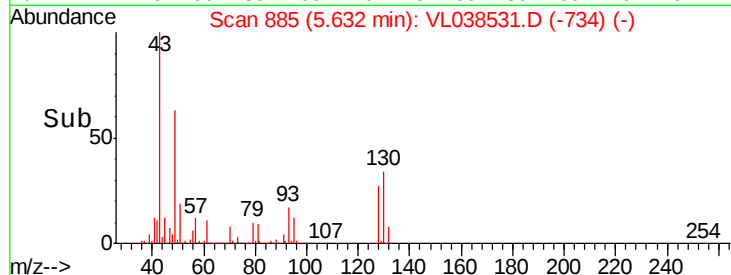
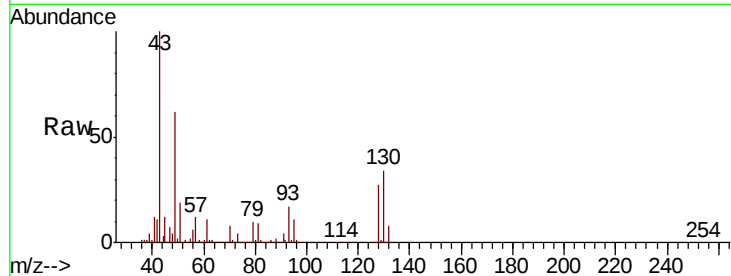
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#2

Dichlorodifluoromethane

Concen: 15.222 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL038531.D

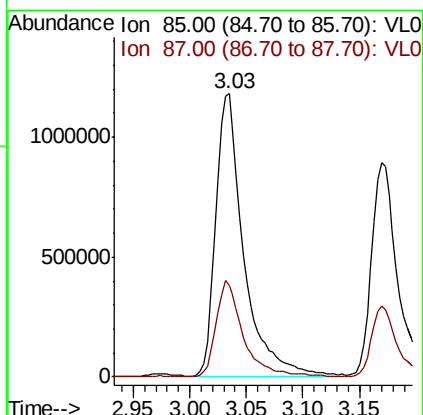
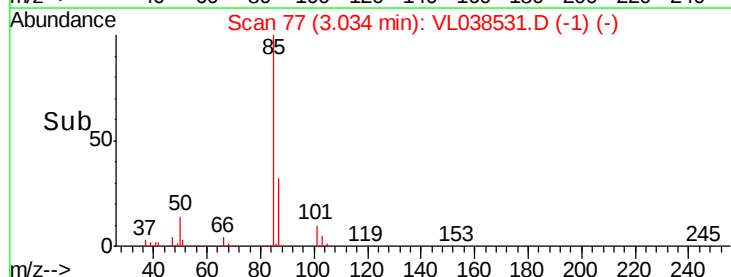
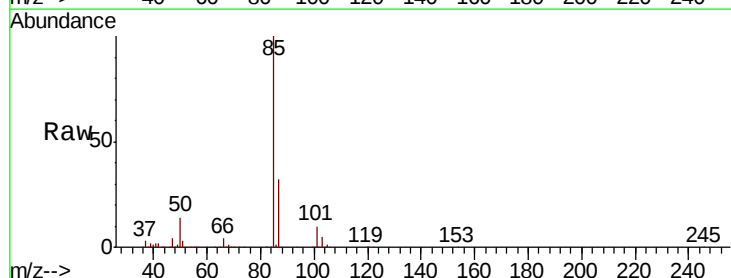
Acq: 4 Mar 2022 2:19

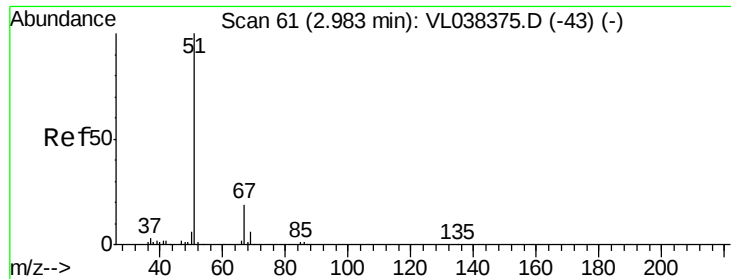
Tgt Ion: 85 Resp: 2043282

Ion Ratio Lower Upper

85 100

87 32.4 27.4 41.0





#3

Chlorodifluoromethane

Concen: 11.262 ppbv

RT: 2.97 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

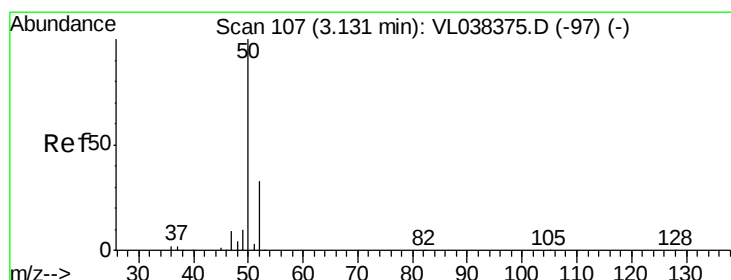
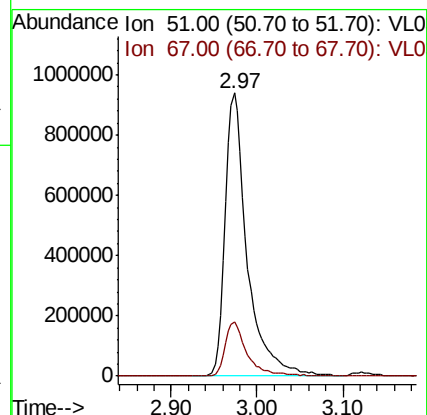
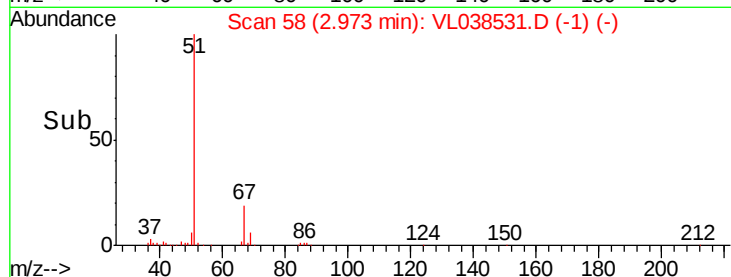
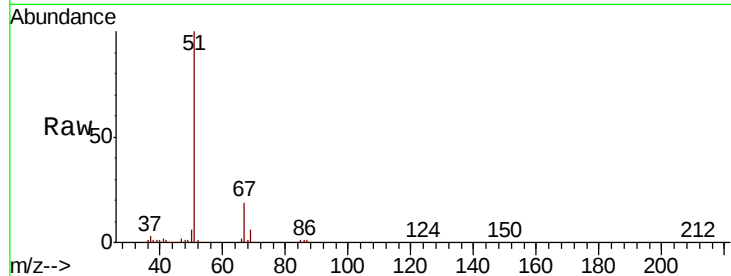
67 19.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#4

Chloromethane

Concen: 11.357 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.01 min

Lab File: VL038531.D

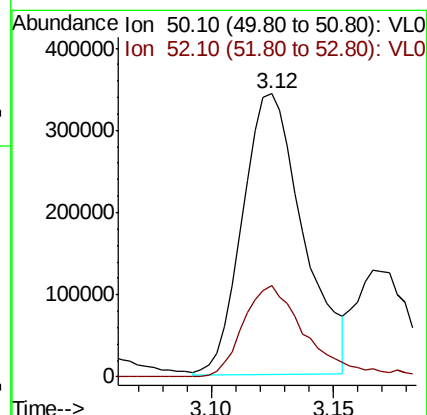
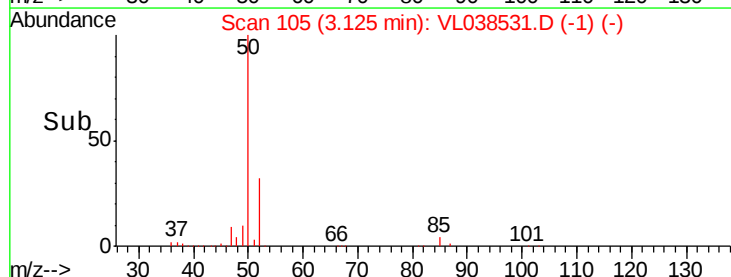
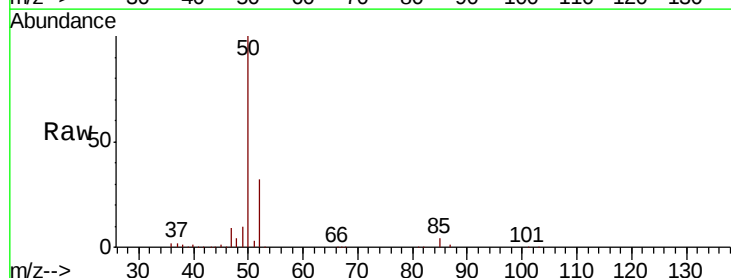
Acq: 4 Mar 2022 2:19

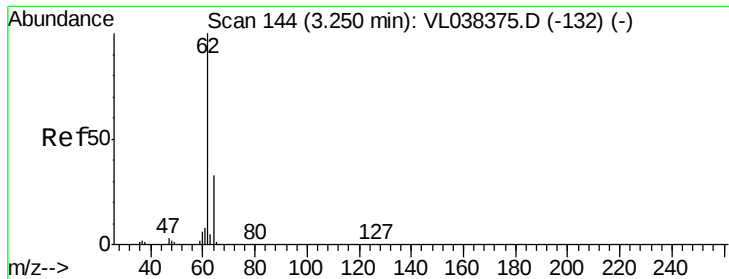
Tgt Ion: 50 Resp: 590545

Ion Ratio Lower Upper

50 100

52 32.4 26.5 39.7





#5

Vinyl Chloride

Concen: 10.872 ppbv

RT: 3.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

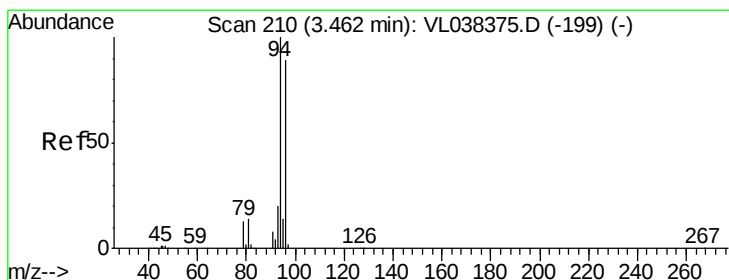
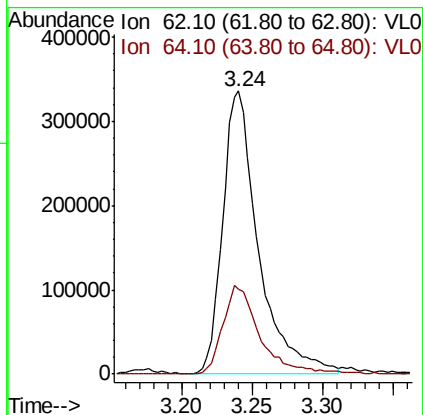
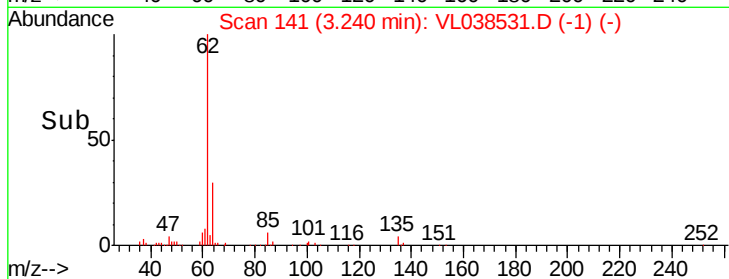
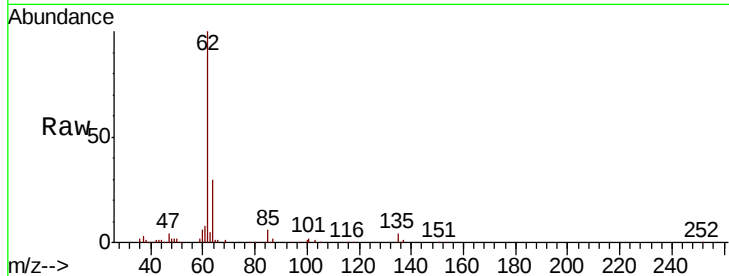
64 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#6

Bromomethane

Concen: 11.353 ppbv

RT: 3.45 min Scan# 207

Delta R.T. -0.01 min

Lab File: VL038531.D

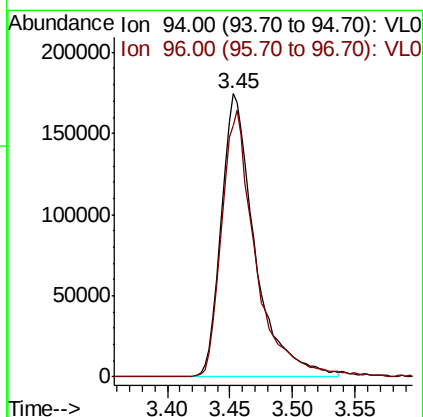
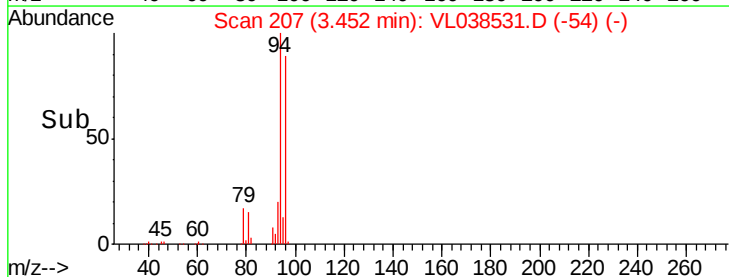
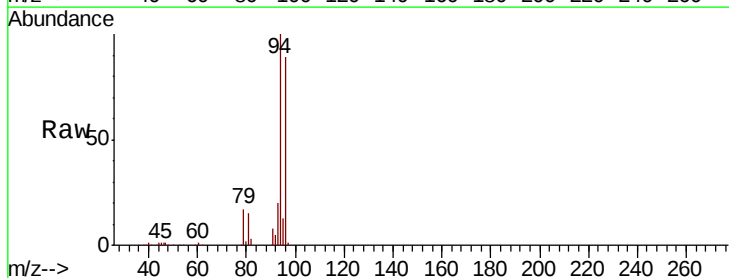
Acq: 4 Mar 2022 2:19

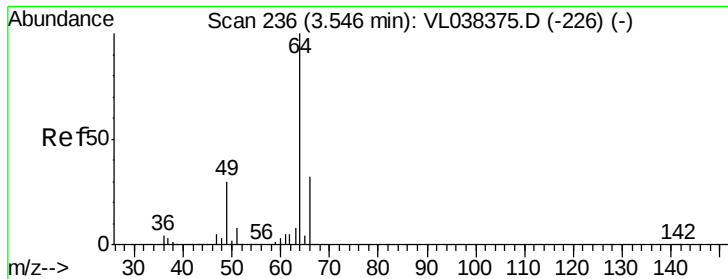
Tgt Ion: 94 Resp: 325523

Ion Ratio Lower Upper

94 100

96 88.9 71.0 106.6





#7

Chloroethane

Concen: 11.951 ppbv

RT: 3.54 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

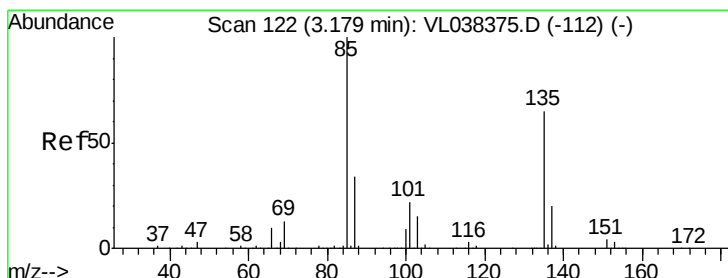
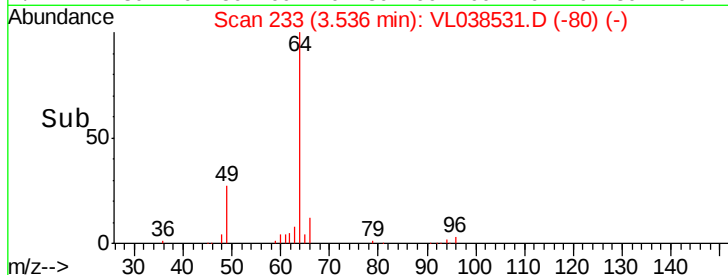
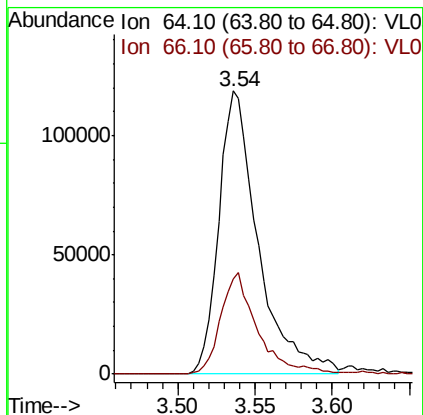
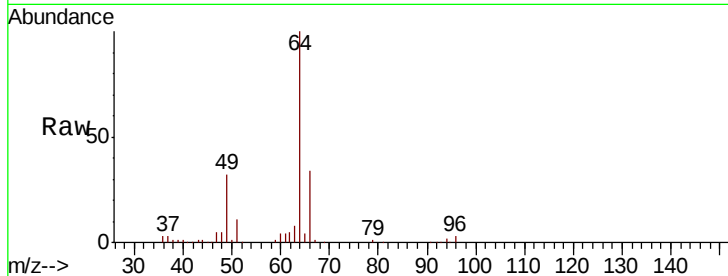
66 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#8

Dichlorotetrafluoroethane

Concen: 12.123 ppbv

RT: 3.17 min Scan# 119

Delta R.T. -0.01 min

Lab File: VL038531.D

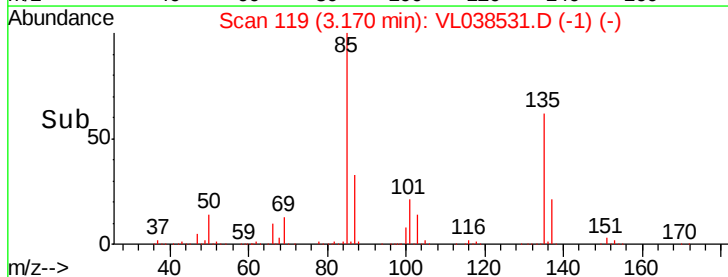
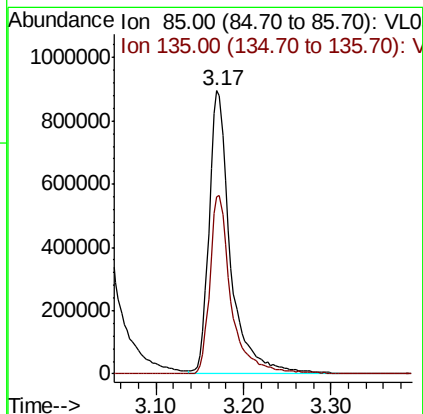
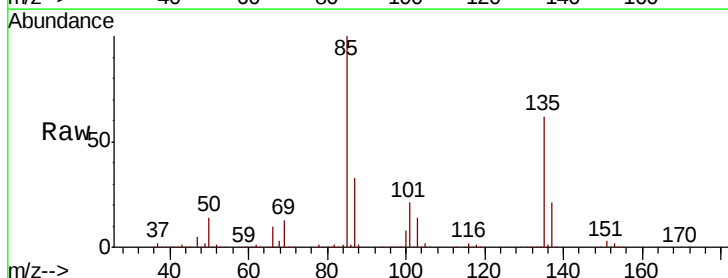
Acq: 4 Mar 2022 2:19

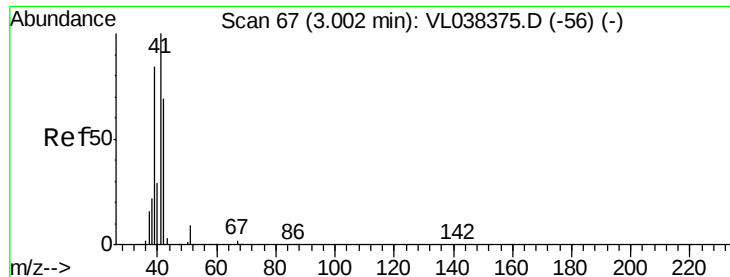
Tgt Ion: 85 Resp: 1513686

Ion Ratio Lower Upper

85 100

135 63.7 54.1 81.1



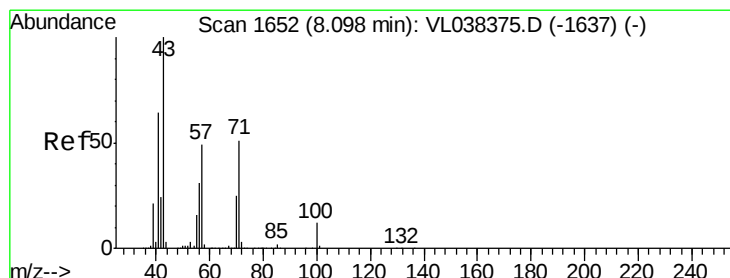
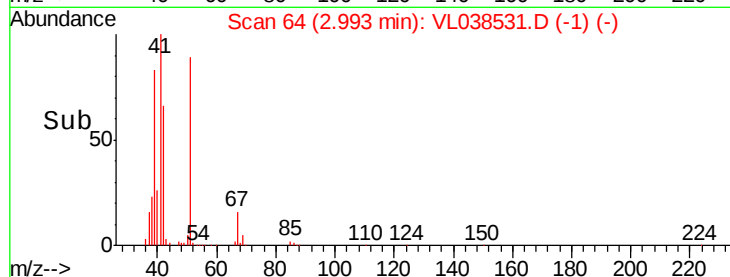
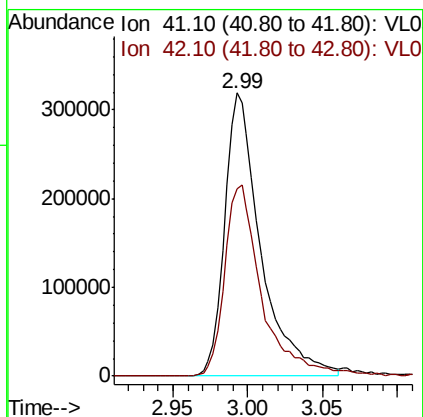
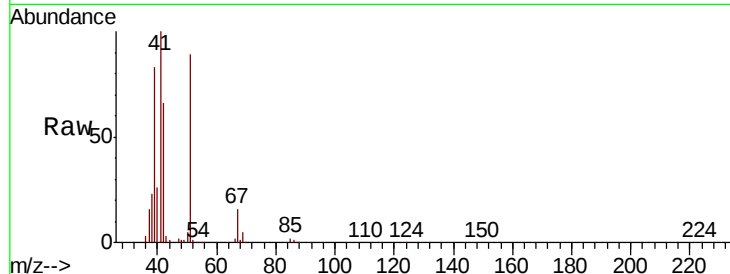


#9
 Propene
 Concen: 10.859 ppbv
 RT: 2.99
 Instrument : MSVOA_1
 Delta R.T. :
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 41 100
 42 70.

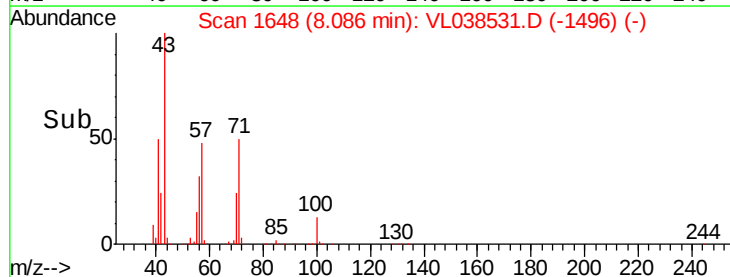
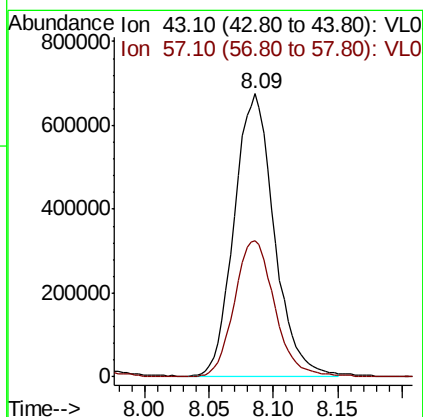
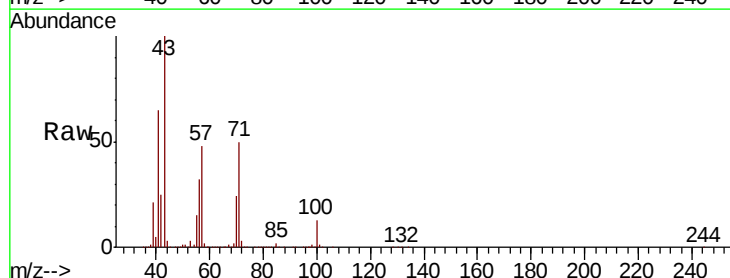
Manual Integrations
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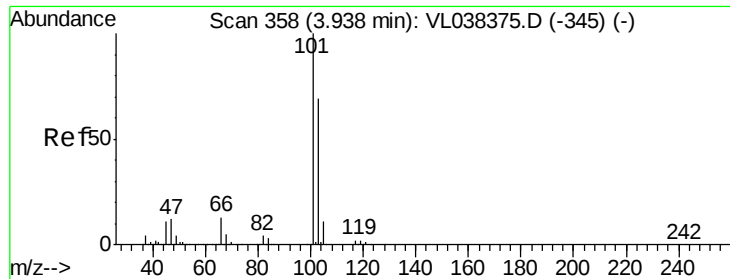
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#10
 Heptane
 Concen: 12.069 ppbv
 RT: 8.09 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 43 Resp: 1451657
 Ion Ratio Lower Upper
 43 100
 57 48.9 39.8 59.8



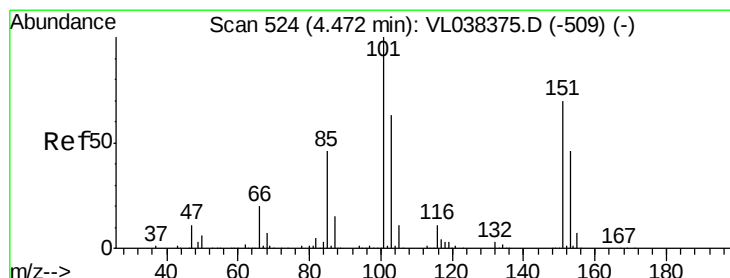
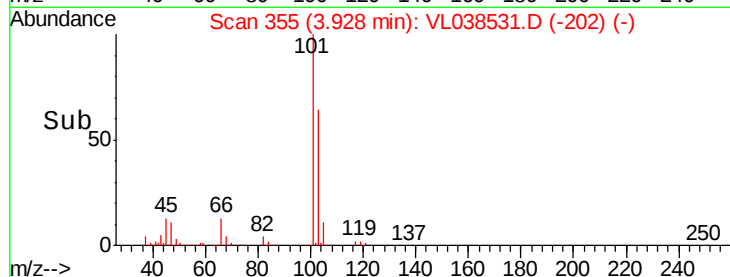
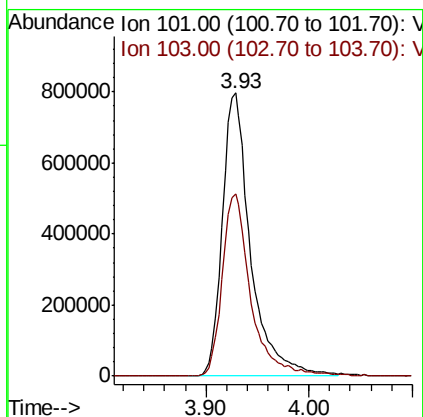
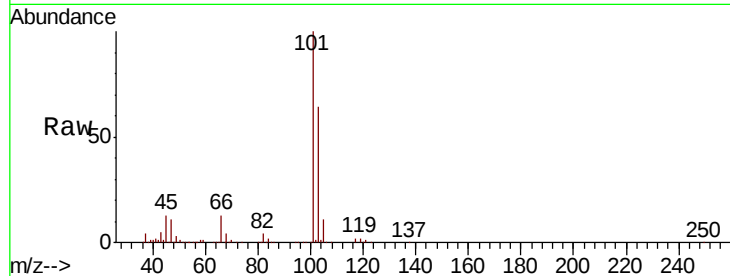


#11
 Trichlorofluoromethane
 Concen: 11.839 ppbv
 RT: 3.93
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:1
 Ion Ratio
 101 100
 103 64.

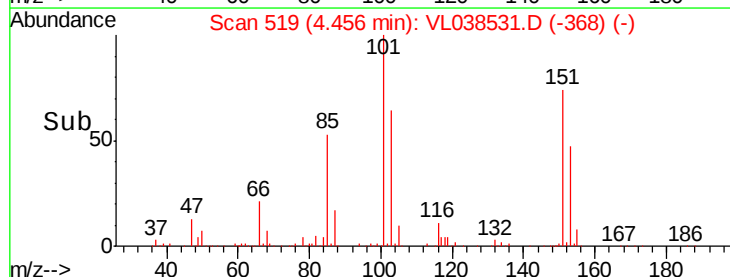
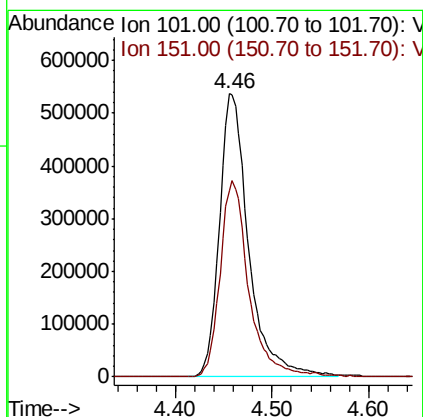
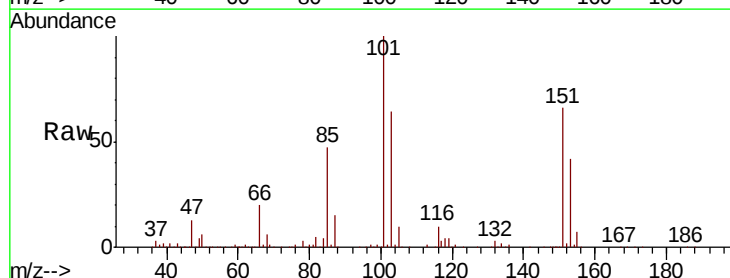
Manual Integrations
 APPROVED

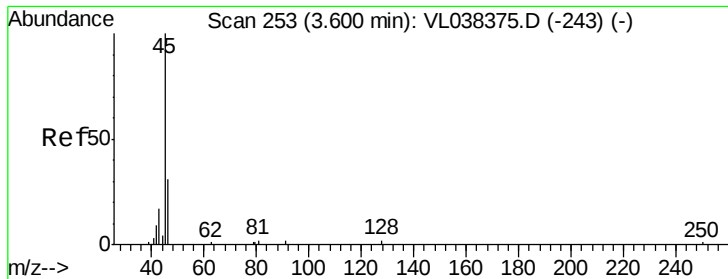
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.981 ppbv
 RT: 4.46 min Scan# 519
 Delta R.T. -0.02 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion:101 Resp: 1128850
 Ion Ratio Lower Upper
 101 100
 151 68.5 55.9 83.9



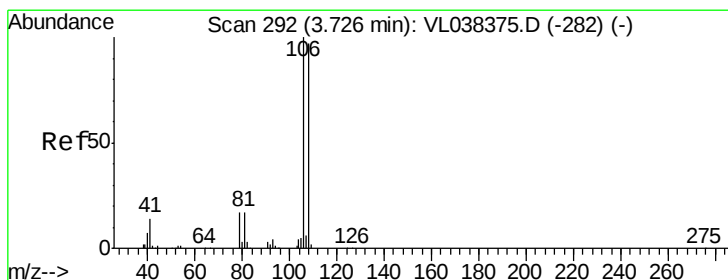
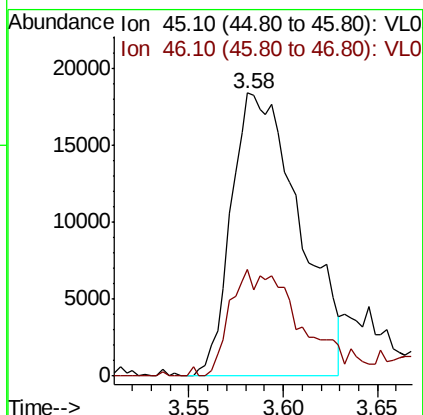
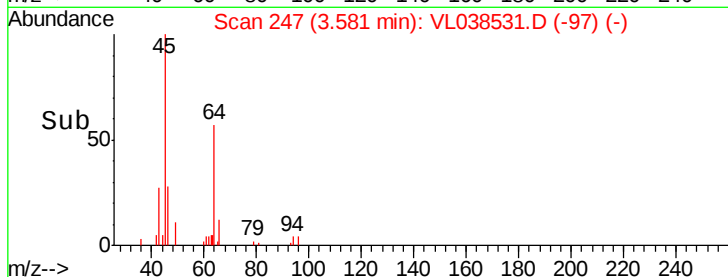
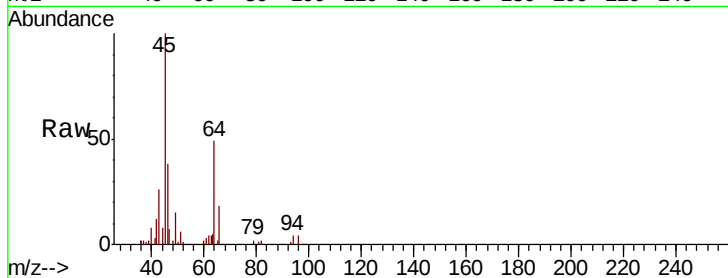


#13
Ethanol
Concen: 9.360 ppbv m
RT: 3.58
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:
Ion Rati
45 100
46 39.

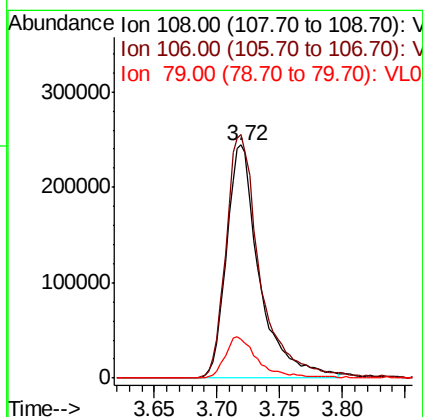
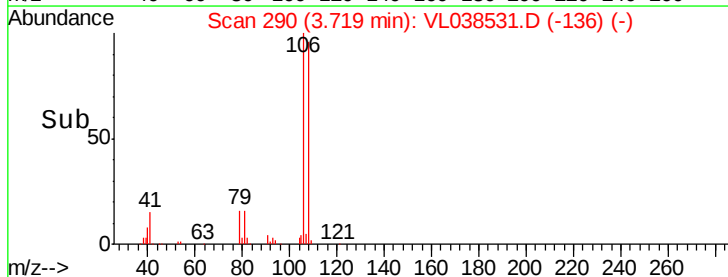
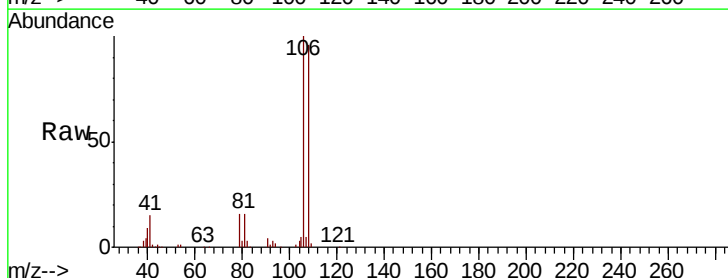
Manual Integrations
APPROVED

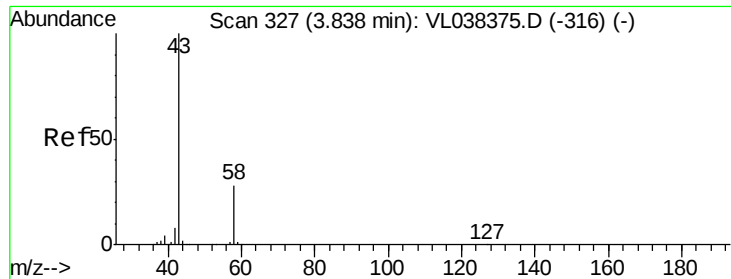
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Bromoethene
Concen: 11.859 ppbv
RT: 3.72 min Scan# 290
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:108 Resp: 445117
Ion Ratio Lower Upper
108 100
106 109.7 88.4 132.6
79 17.6 15.0 22.6





#15

Acetone

Concen: 10.497 ppbv

RT: 3.83

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

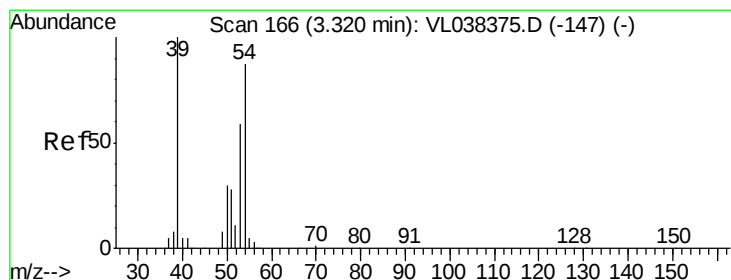
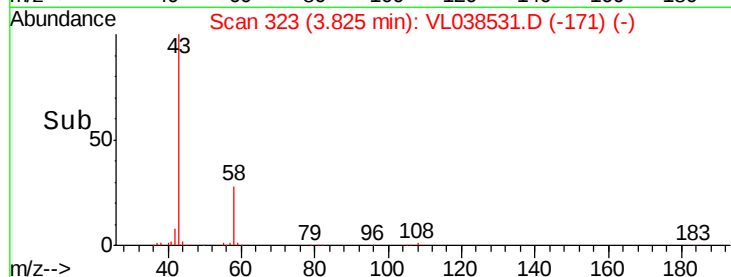
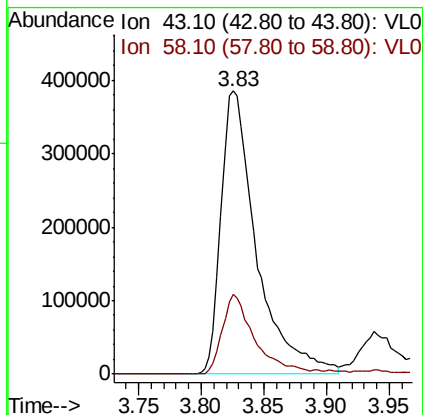
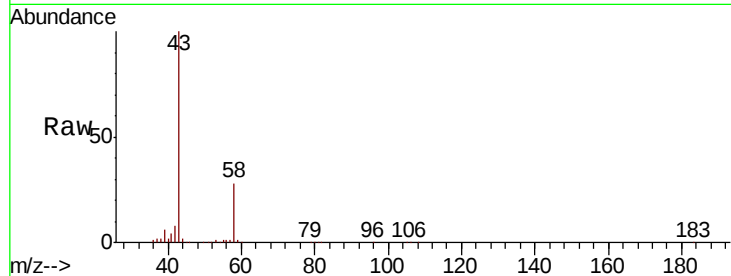
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#16

1,3-Butadiene

Concen: 11.683 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.01 min

Lab File: VL038531.D

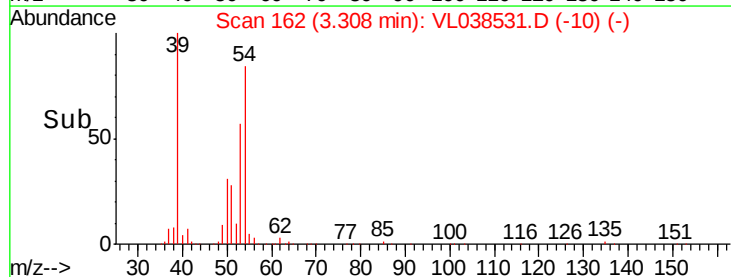
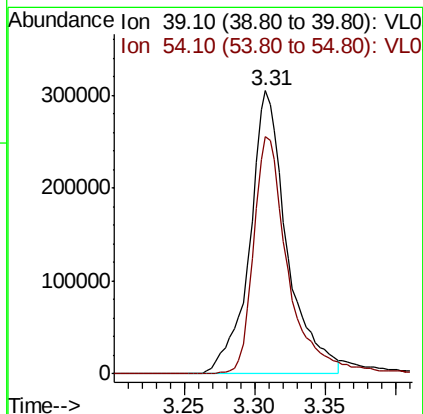
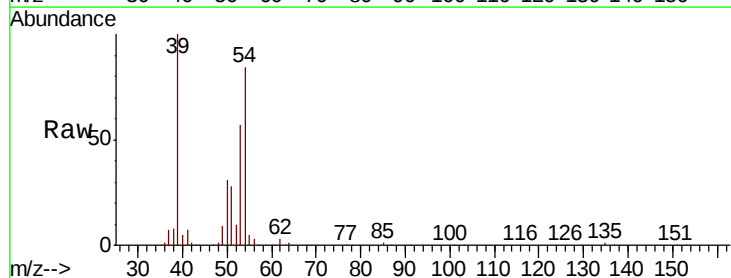
Acq: 4 Mar 2022 2:19

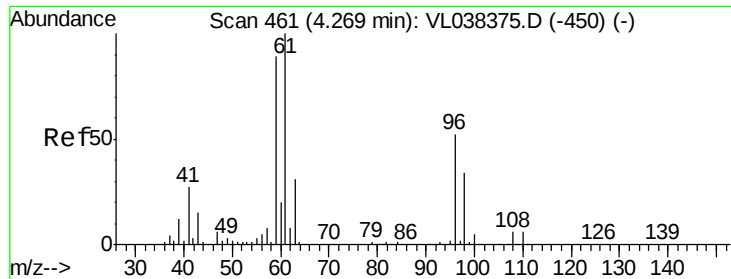
Tgt Ion: 39 Resp: 562407

Ion Ratio Lower Upper

39 100

54 79.3 60.3 90.5





#17

tert-Butyl alcohol

Concen: 10.122 ppbv

RT: 4.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

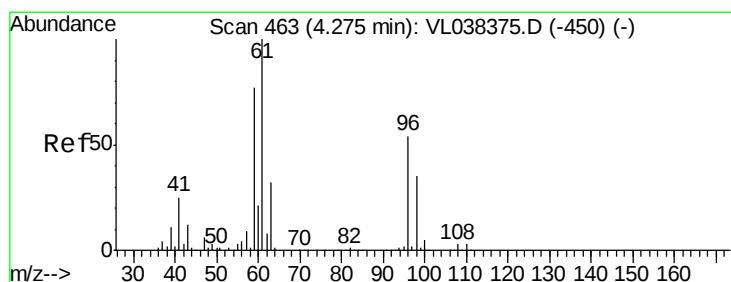
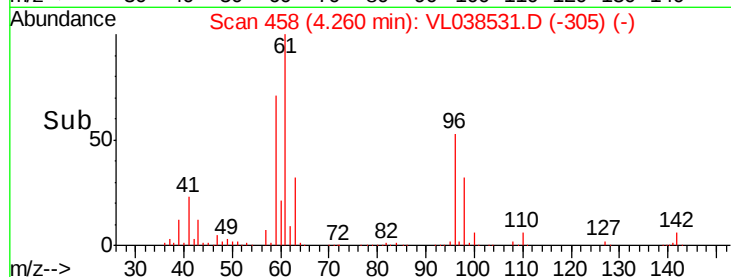
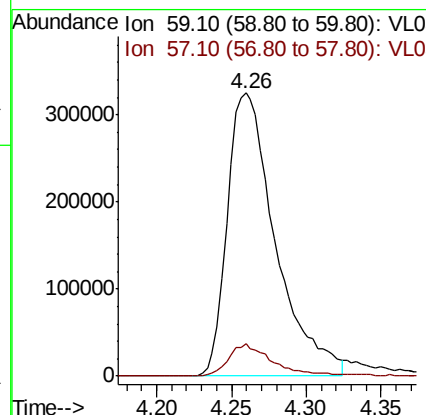
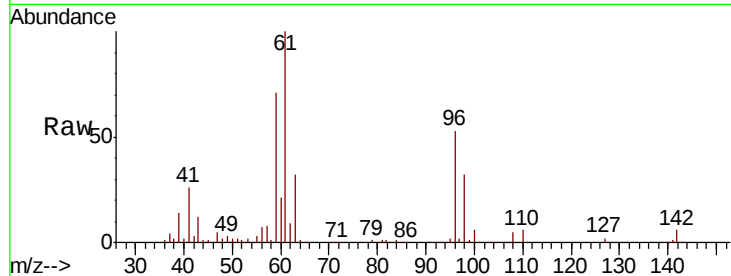
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#18

1,1-Dichloroethene

Concen: 11.574 ppbv

RT: 4.26 min Scan# 459

Delta R.T. -0.01 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

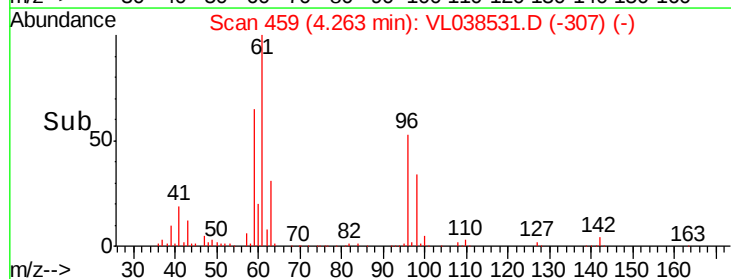
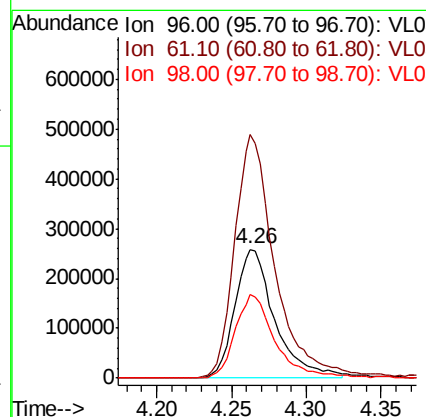
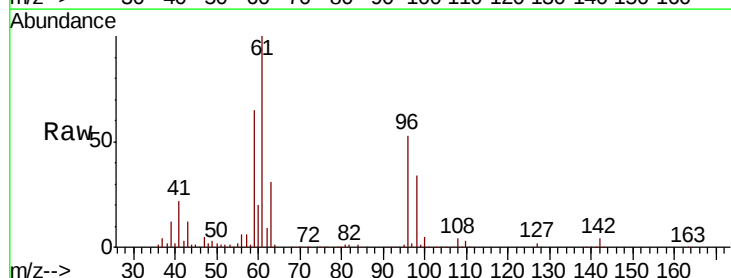
Tgt Ion: 96 Resp: 478753

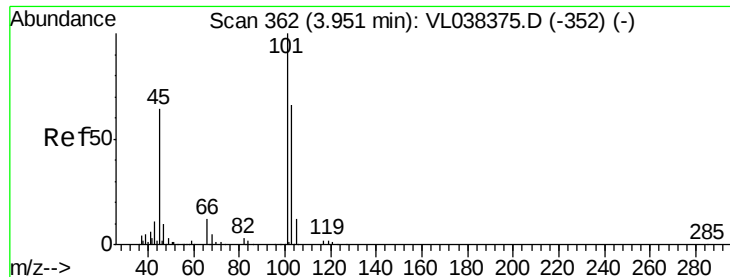
Ion Ratio Lower Upper

96 100

61 188.8 146.8 220.2

98 64.6 51.5 77.3





#19

Isopropyl Alcohol

Concen: 9.402 ppbv

RT: 3.94 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

45 100

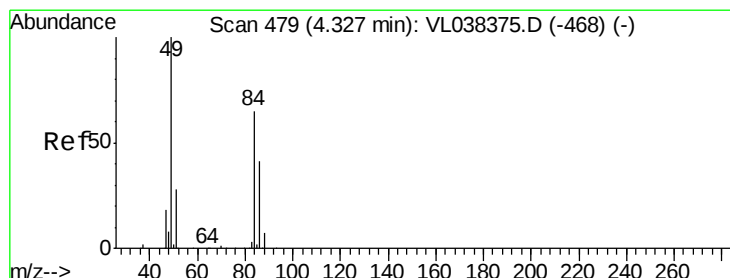
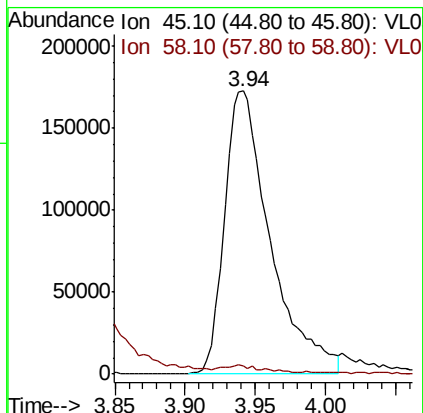
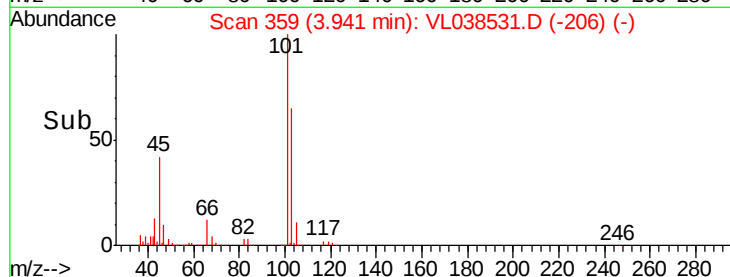
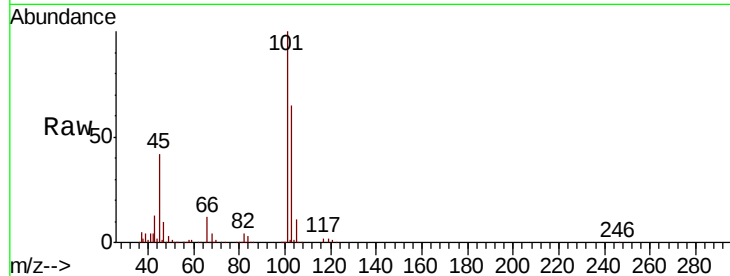
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#20

Methylene Chloride

Concen: 11.080 ppbv

RT: 4.32 min Scan# 476

Delta R.T. -0.01 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

Tgt Ion: 84 Resp: 395635

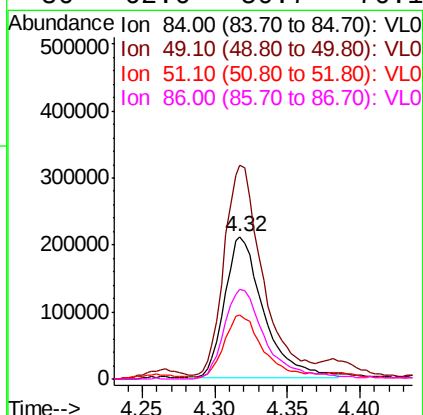
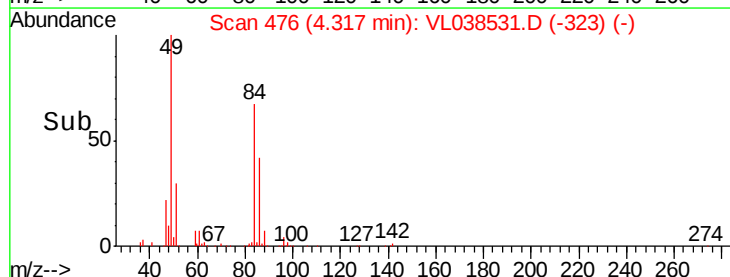
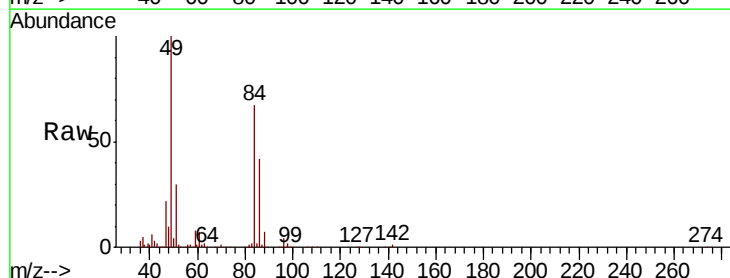
Ion Ratio Lower Upper

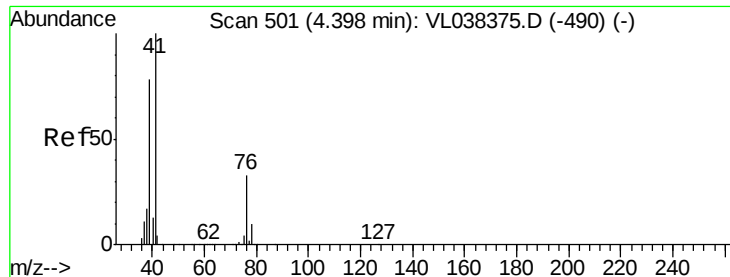
84 100

49 148.3 122.4 183.6

51 43.7 33.3 49.9

86 62.6 50.7 76.1



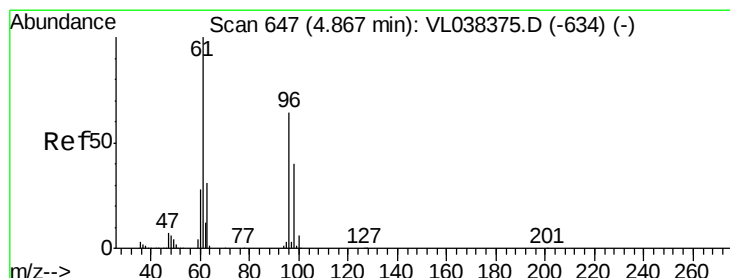
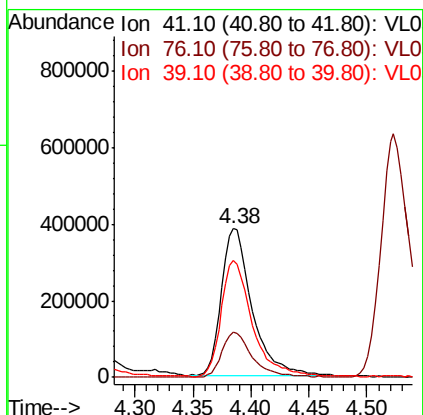
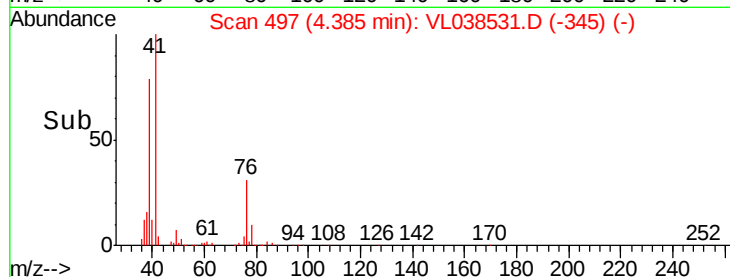
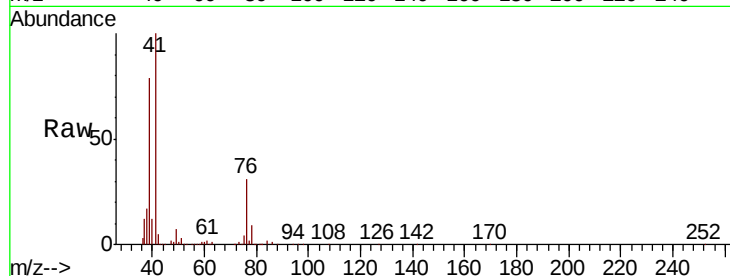


#21
 Allvl Chloride
 Concen: 11.714 ppbv
 RT: 4.38
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 41 100
 76 30.
 39 79.

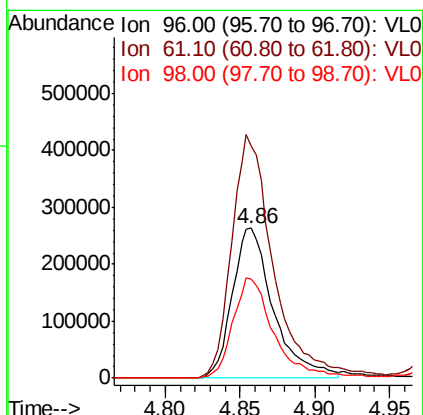
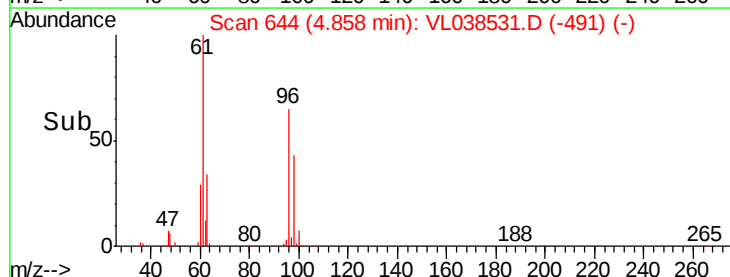
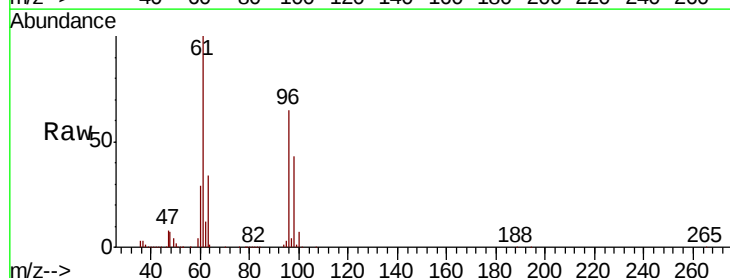
Manual Integrations
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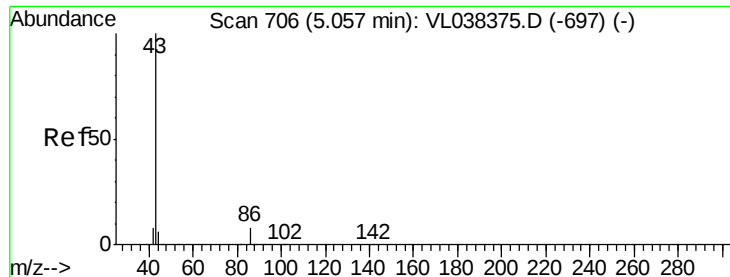
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 12.089 ppbv
 RT: 4.86 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 96 Resp: 504565
 Ion Ratio Lower Upper
 96 100
 61 154.5 124.2 186.4
 98 66.0 49.1 73.7



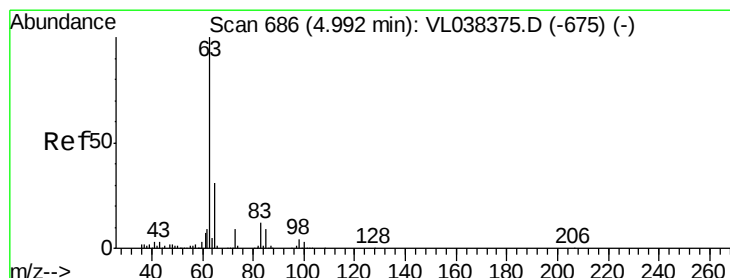
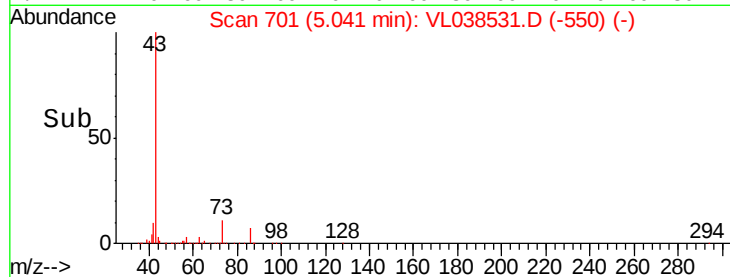
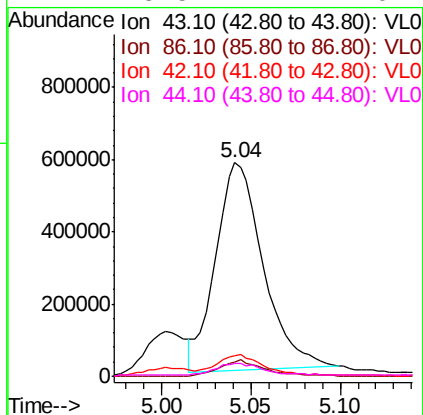
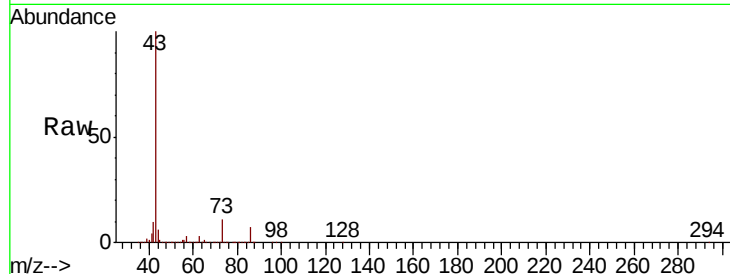


#23
 Vinyl Acetate
 Concen: 11.173 ppbv
 RT: 5.04
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 5.5 4.2 6.2

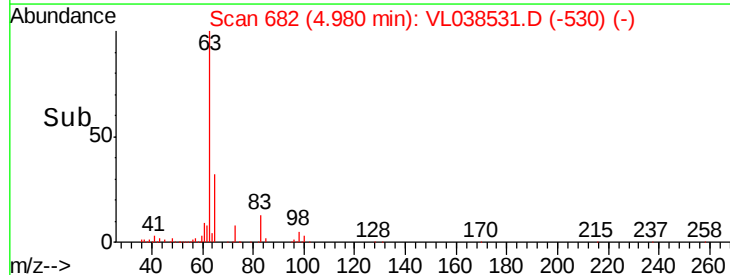
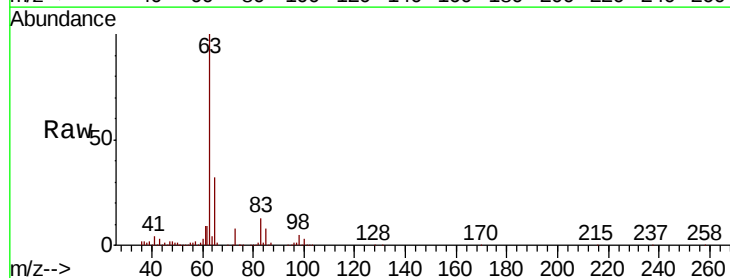
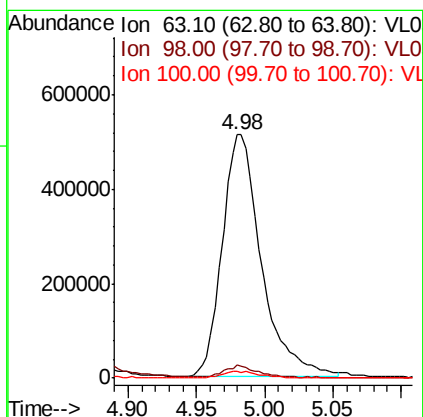
Manual Integrations
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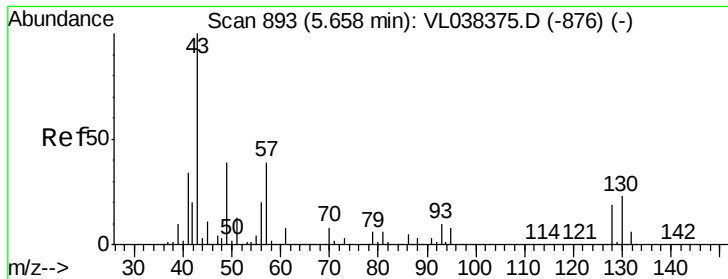
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 11.911 ppbv
 RT: 4.98 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 63 Resp: 1022776
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.1 6.5
 100 2.5 1.4 4.2



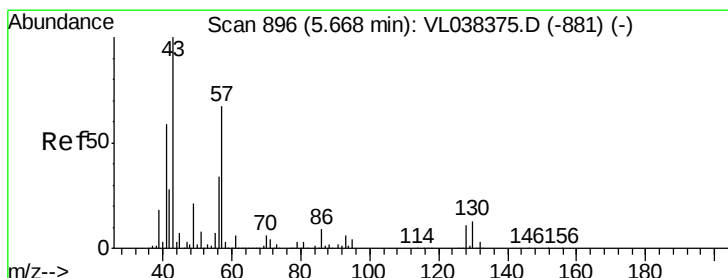
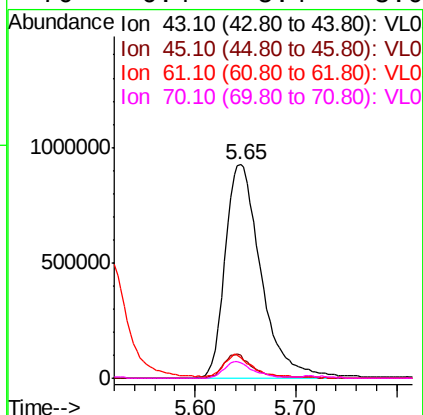
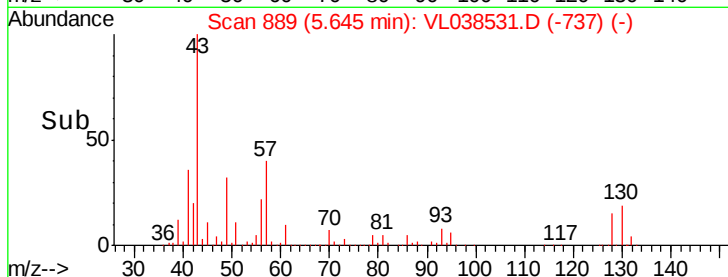
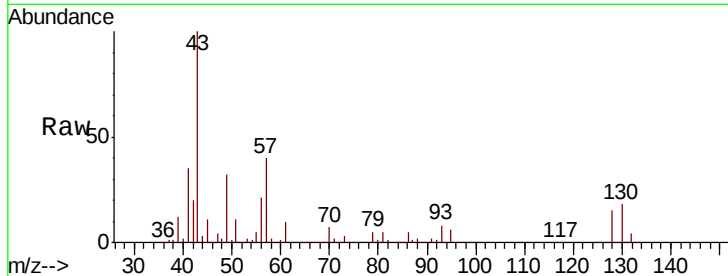


#25
Ethyl Acetate
Concen: 11.820 ppbv
RT: 5.65 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.4 5.4 8.0

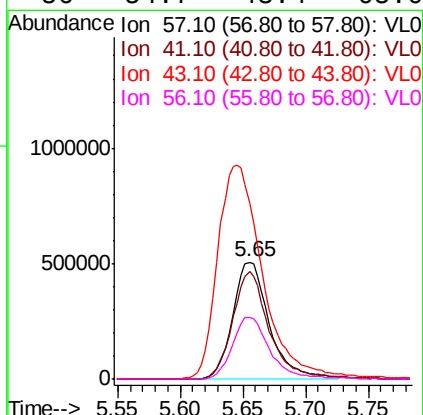
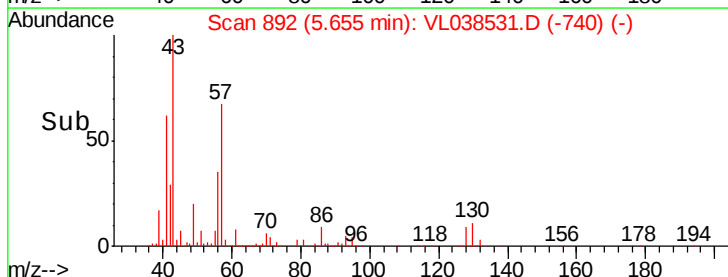
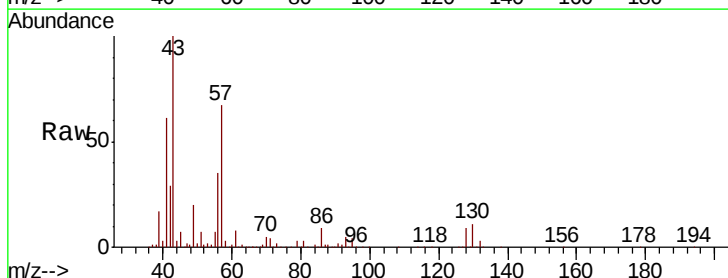
Manual Integrations
APPROVED

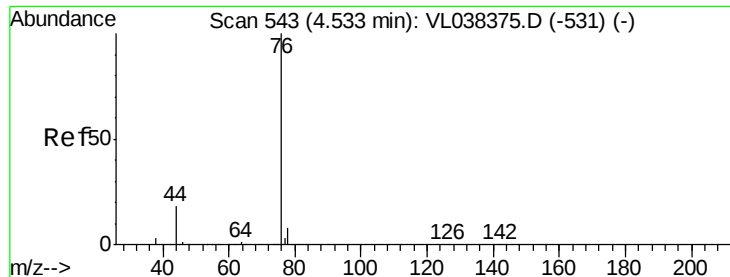
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
Hexane
Concen: 11.663 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 57 Resp: 1022643
Ion Ratio Lower Upper
57 100
41 93.3 73.1 109.7
43 225.8 181.0 271.4
56 54.7 43.4 65.0



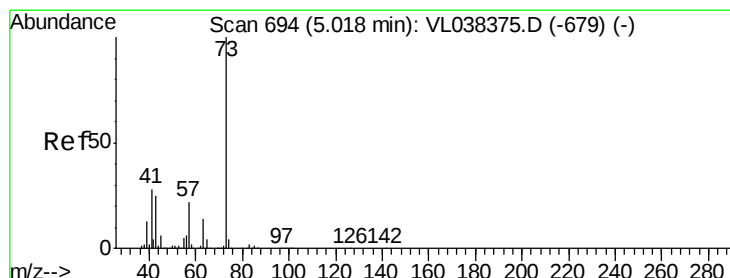
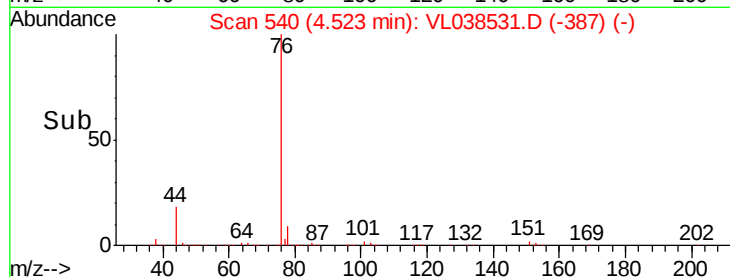
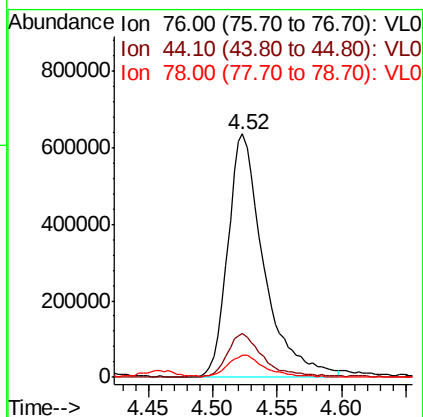
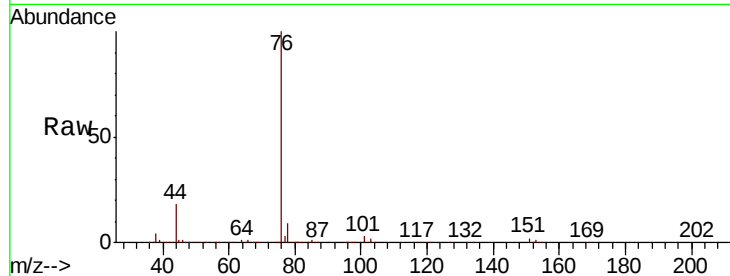


#27
Carbon Disulfide
Concen: 12.634 ppbv
RT: 4.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 2:19

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

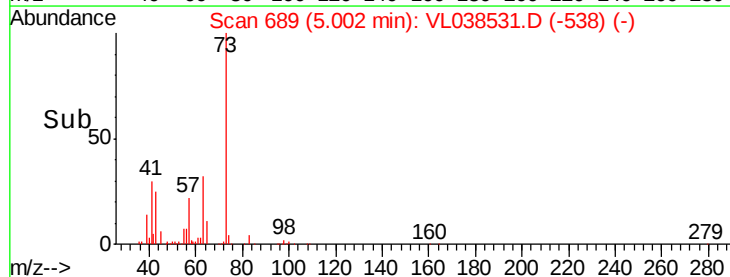
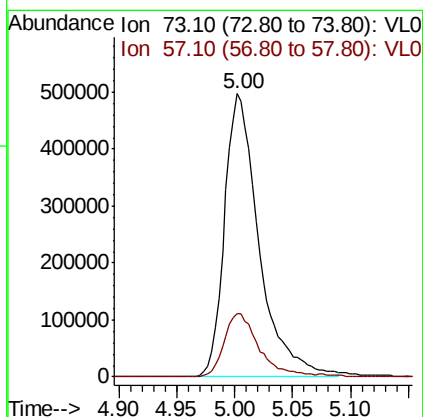
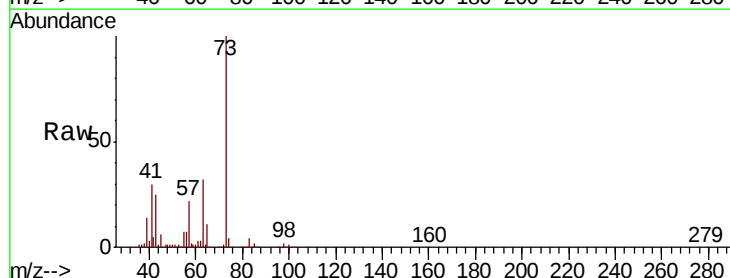
Manual Integrations
APPROVED

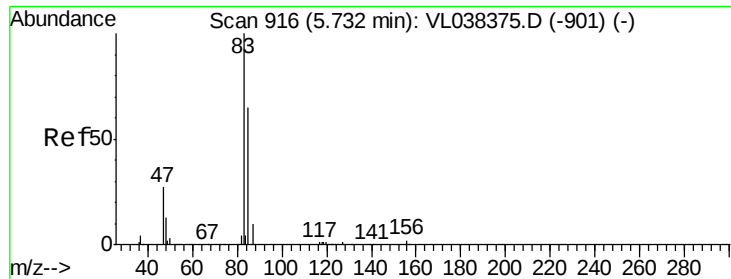
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#28
Methyl tert-Butyl Ether
Concen: 11.511 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 73 Resp: 1028037
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4



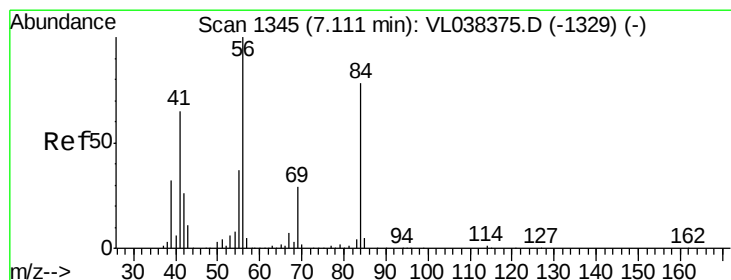
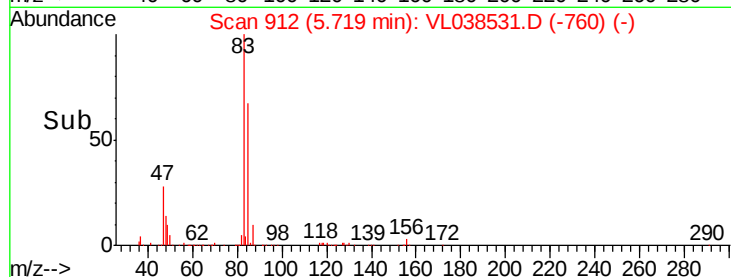
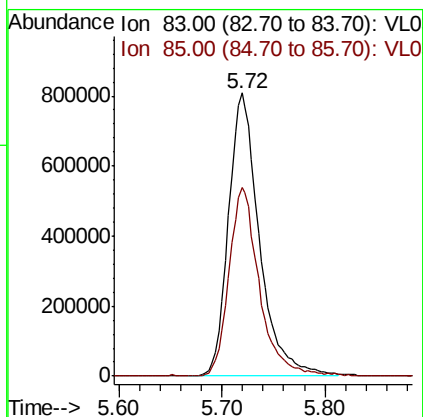
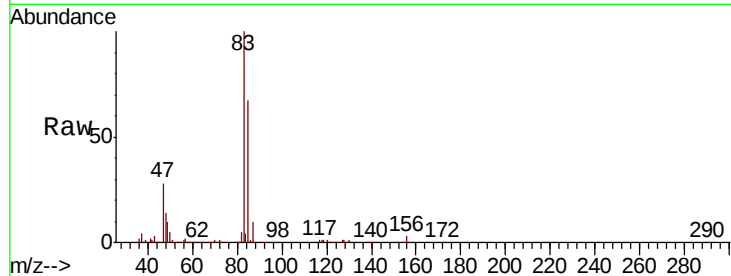


#29
Chloroform
Concen: 11.827 ppbv
RT: 5.72
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:
Ion Ratio
83 100
85 66.

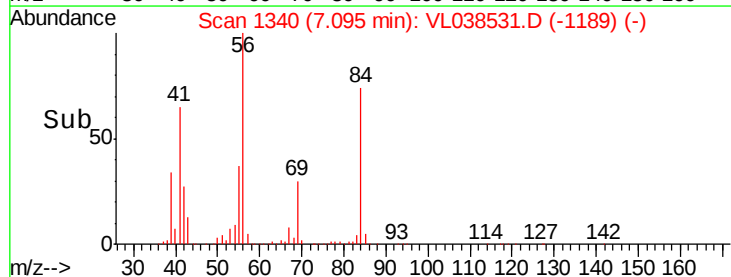
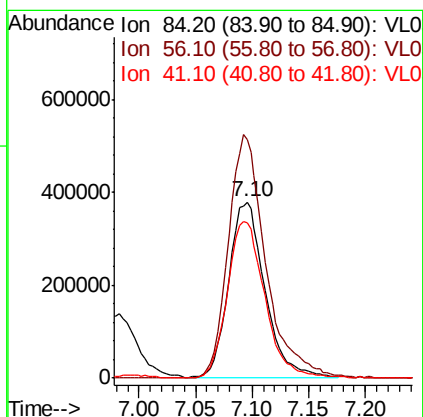
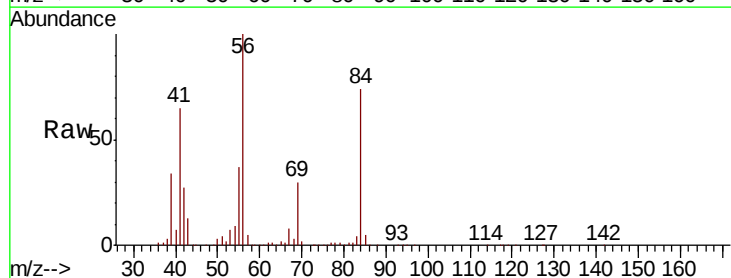
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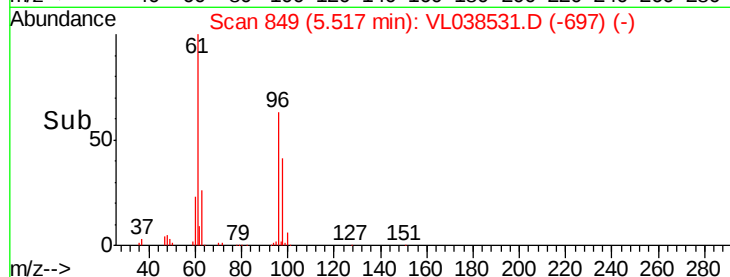
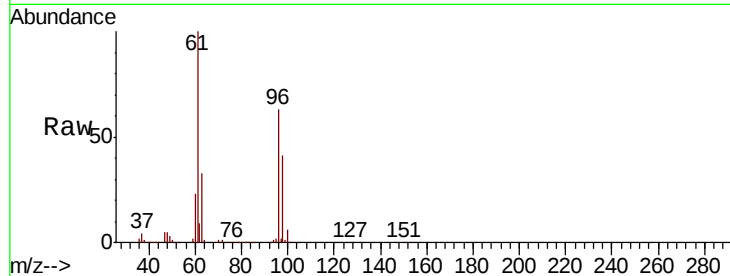
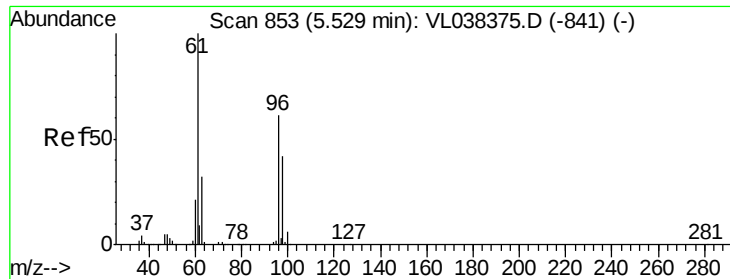
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#30
Cyclohexane
Concen: 11.900 ppbv
RT: 7.10 min Scan# 1340
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 84 Resp: 853357
Ion Ratio Lower Upper
84 100
56 142.6 116.2 174.4
41 91.9 74.3 111.5



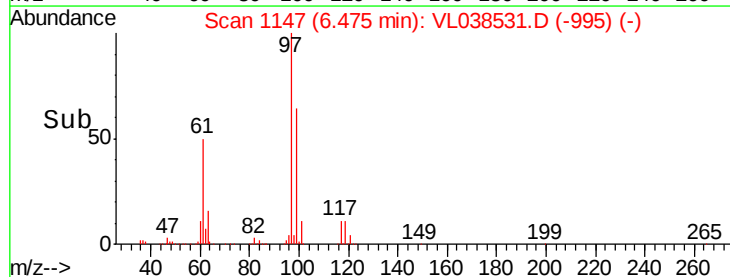
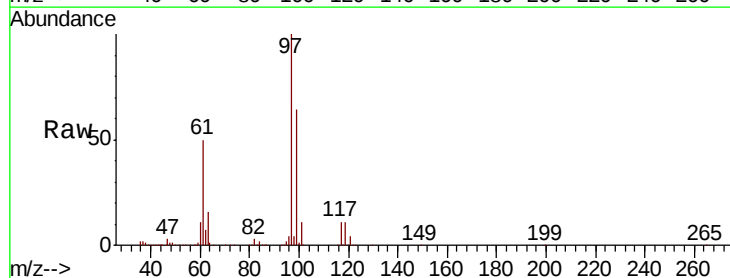
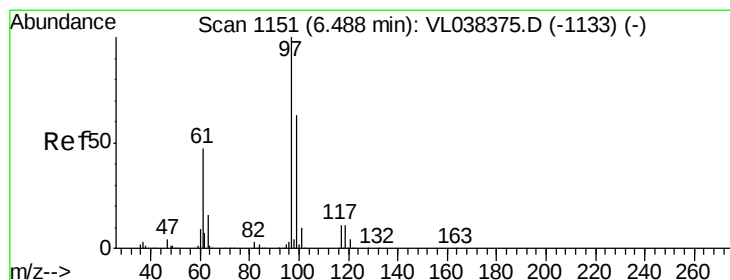
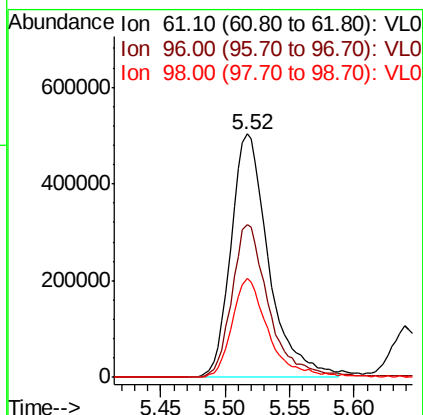


#31
 cis-1,2-Dichloroethene
 Concen: 12.075 ppbv
 RT: 5.52
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 61 100
 96 62.
 98 40.

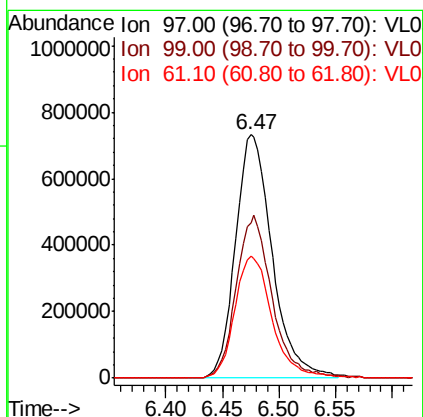
Manual Integrations
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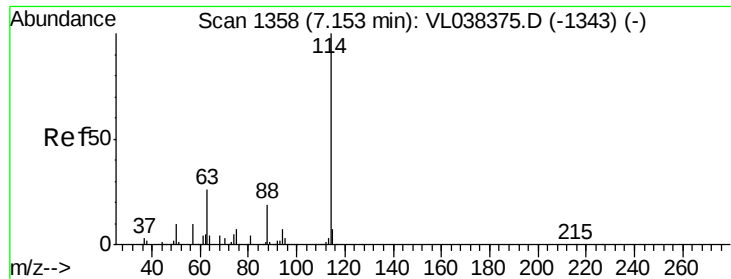
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.521 ppbv
 RT: 6.47 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 97 Resp: 1658091
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.9 77.9
 61 51.3 40.5 60.7



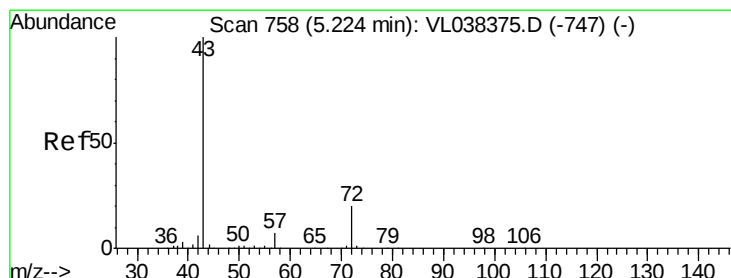
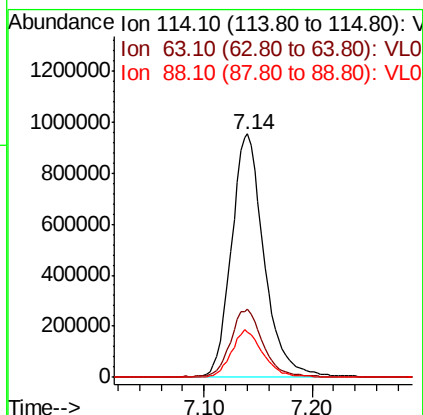
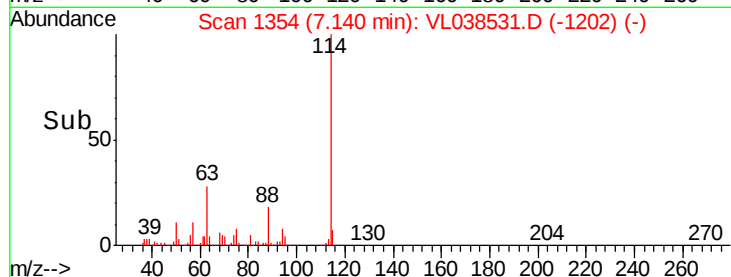
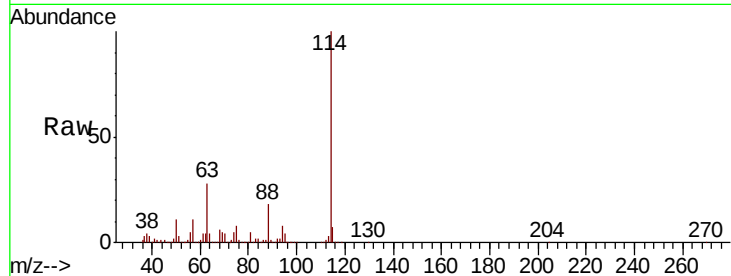


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 2:19

Tot Ion:1
 Ion Rati
 114 100
 63 28.
 88 19.

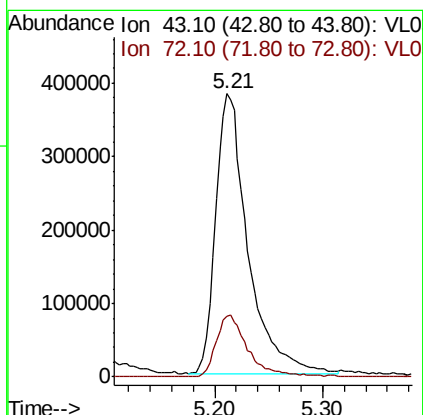
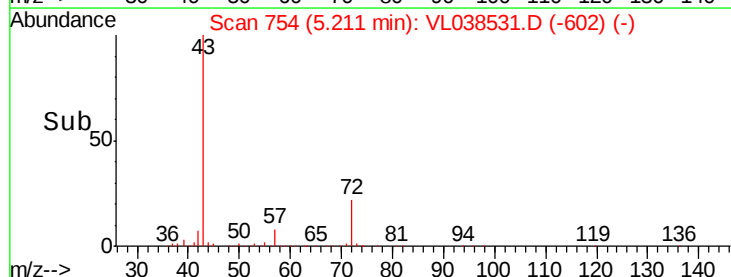
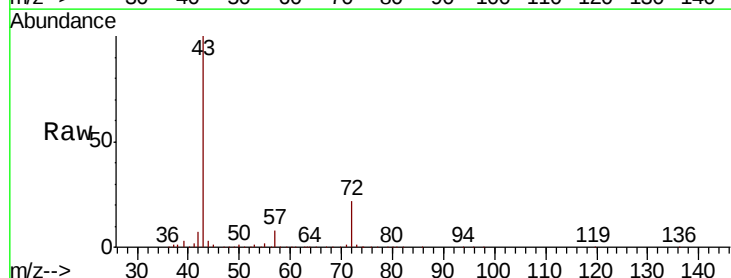
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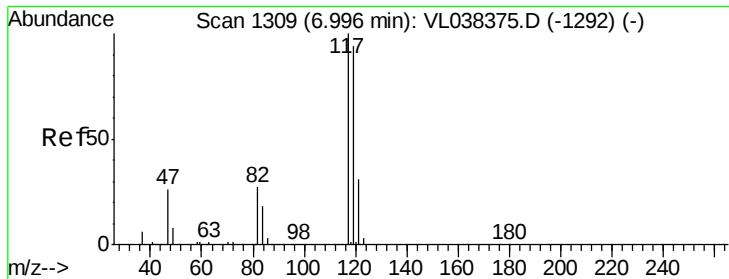
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#34
 2-Butanone
 Concen: 12.434 ppbv
 RT: 5.21 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 43 Resp: 787002
 Ion Ratio Lower Upper
 43 100
 72 22.6 17.4 26.2



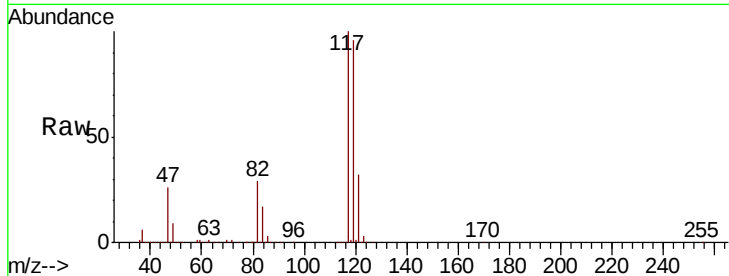


#35
Carbon Tetrachloride
Concen: 12.375 ppbv
RT: 6.98
Instrument : MSVOA_L
Delta R.T. :
ClientSampleId :
Lab File: VSTDCCC010EC
Acq: 4 Mar 2022 2:19

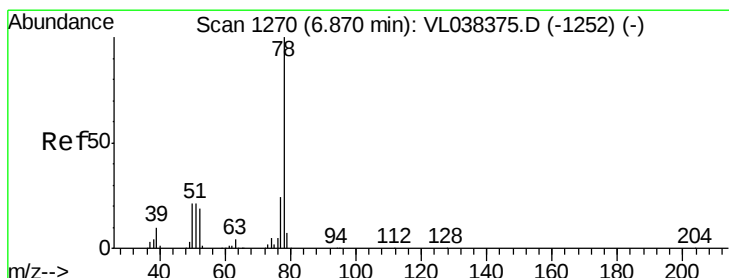
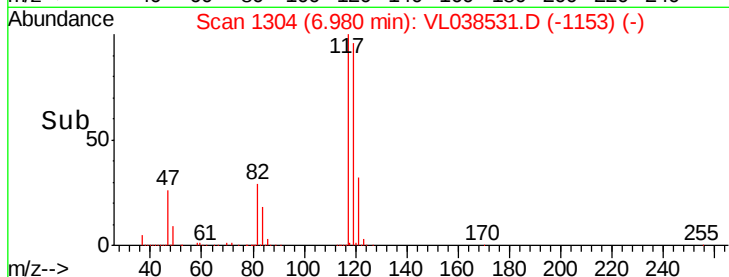
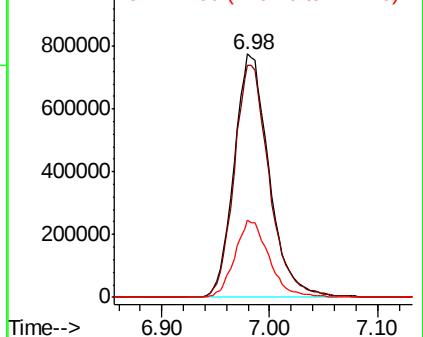
Tot Ion:1
Ion Rati
117 100
119 95.
121 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022

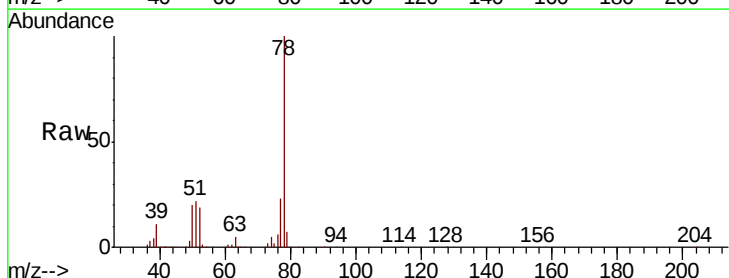


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

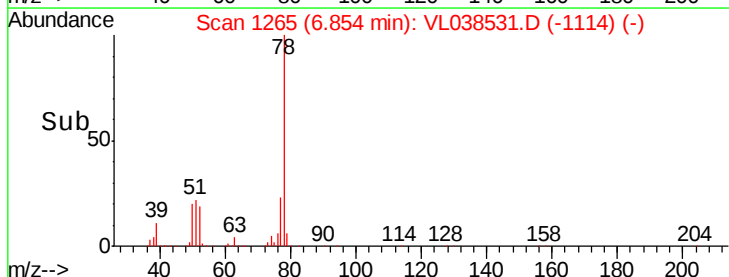
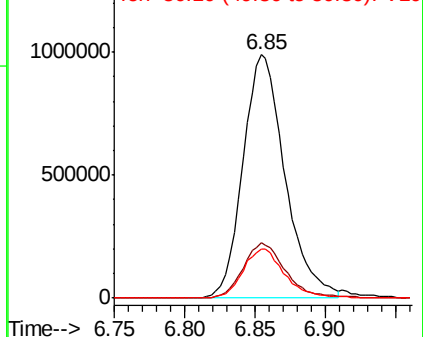


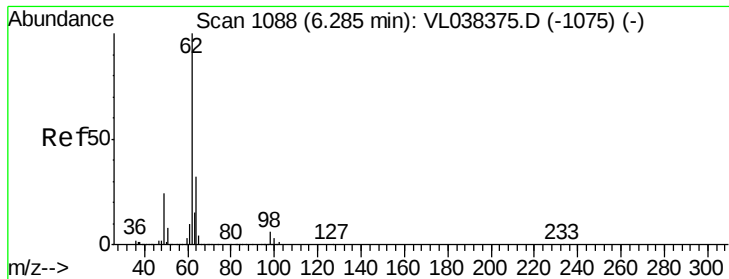
#36
Benzene
Concen: 11.667 ppbv
RT: 6.85 min Scan# 1265
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 78 Resp: 2066995
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6
50 20.0 16.6 24.8



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



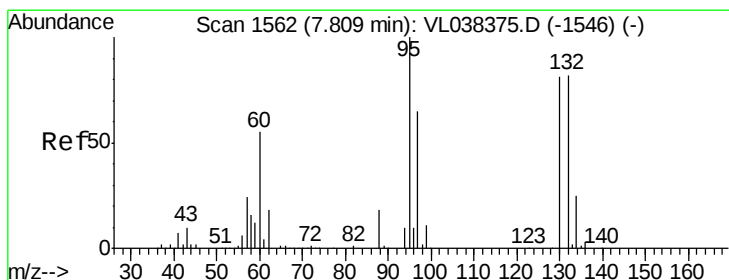
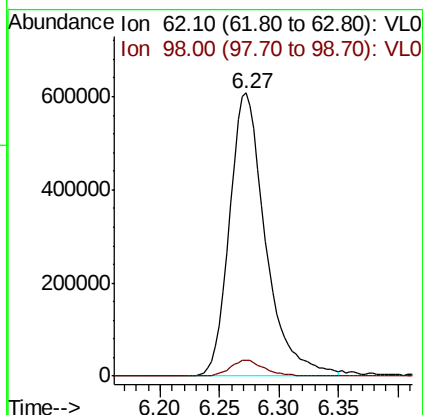
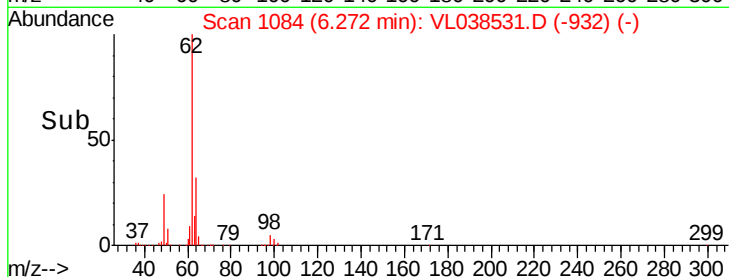
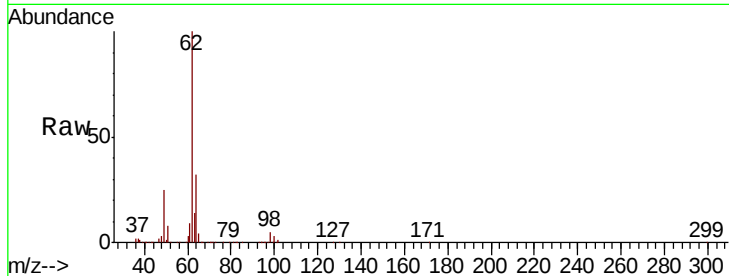


#37
 1,2-Dichloroethane
 Concen: 12.481 ppbv
 RT: 6.27
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 62 100
 98 5.

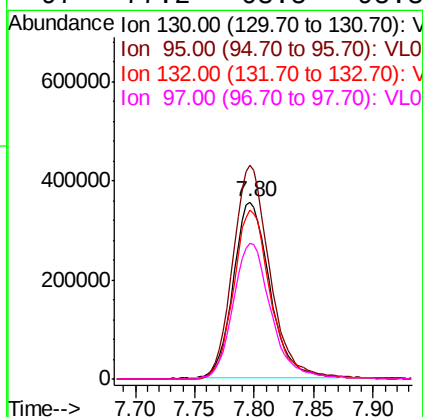
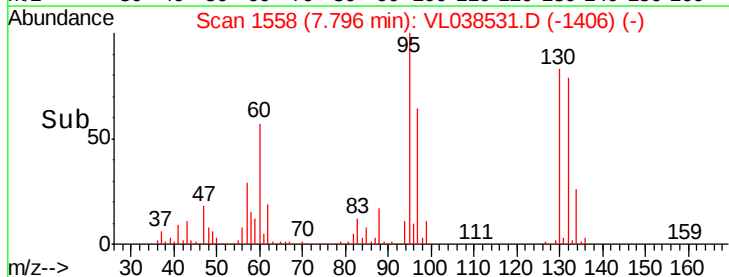
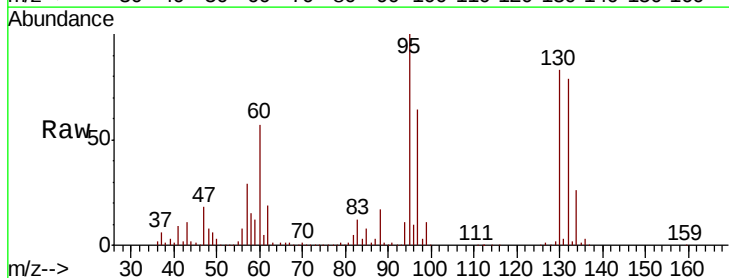
Manual Integrations
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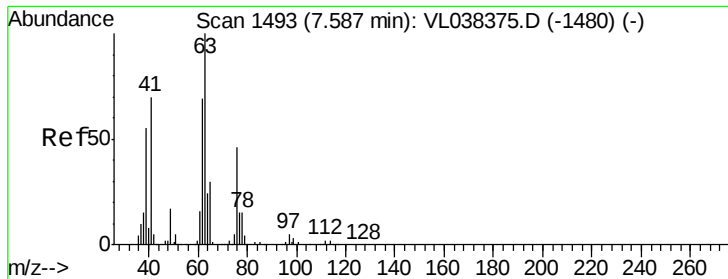
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#38
 Trichloroethene
 Concen: 11.767 ppbv
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion:130 Resp: 759327
 Ion Ratio Lower Upper
 130 100
 95 121.3 98.1 147.1
 132 95.6 80.3 120.5
 97 77.2 63.5 95.3



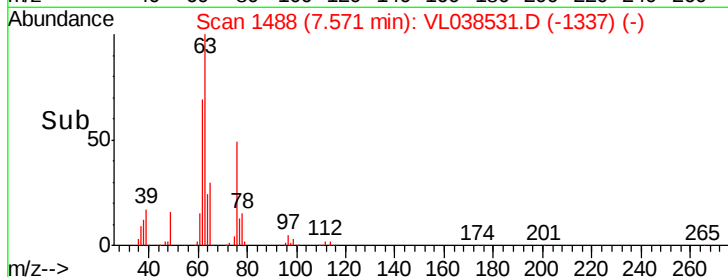
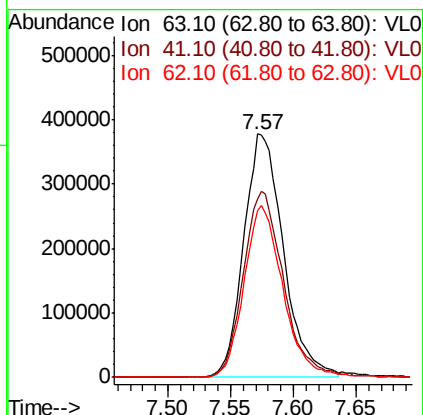
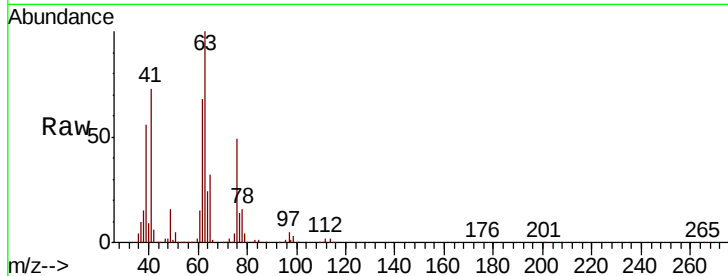


#39
 1,2-Dichloropropane
 Concen: 11.796 ppbv
 RT: 7.57
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 63 100
 41 73.
 62 68.

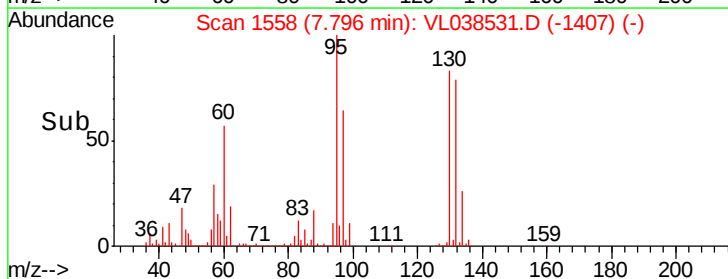
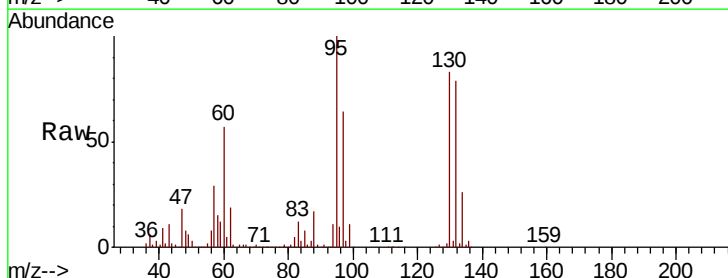
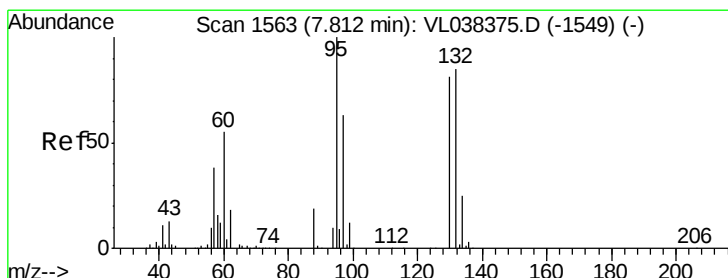
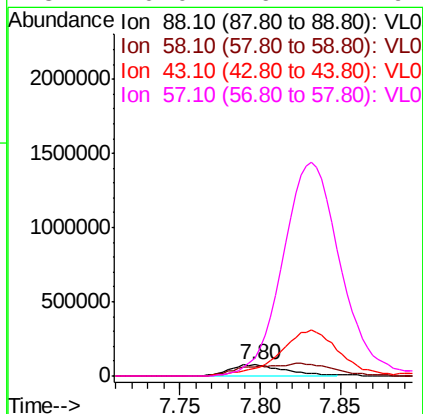
Manual Integrations
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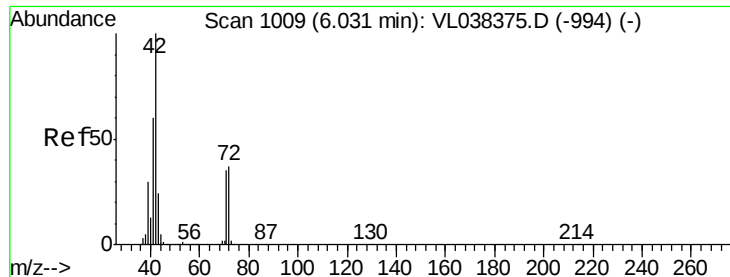
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#40
 1,4-Dioxane
 Concen: 10.771 ppbv m
 RT: 7.80 min Scan# 1558
 Delta R.T. -0.02 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 88 Resp: 180288
 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#



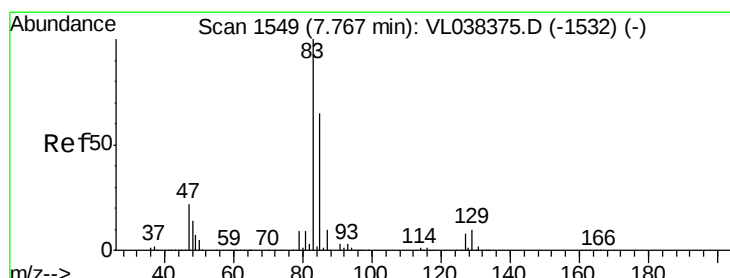
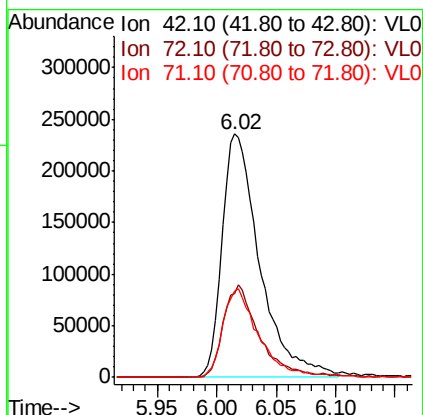
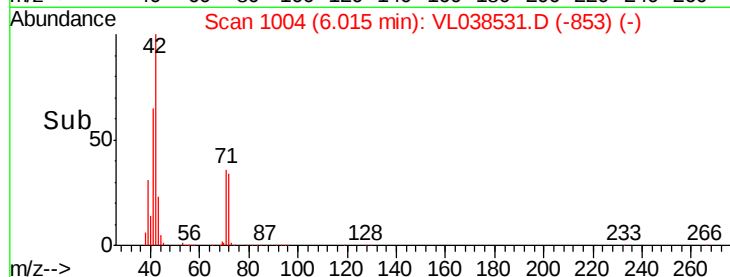
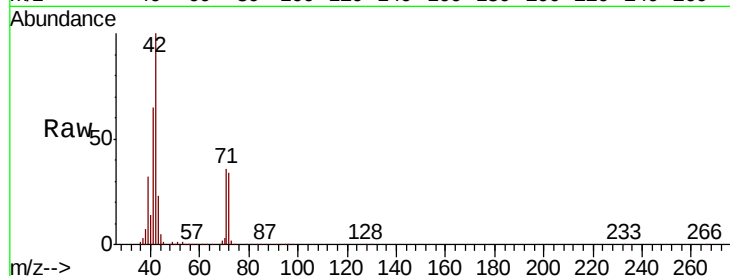


#41
Tetrahydrofuran
Concen: 12.075 ppbv
RT: 6.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Mar 2022 2:19

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

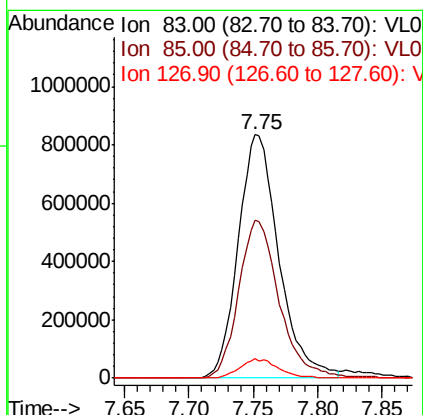
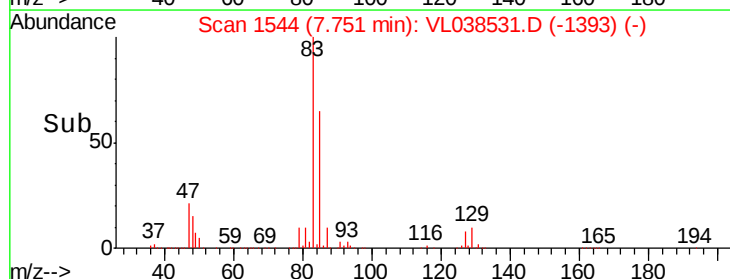
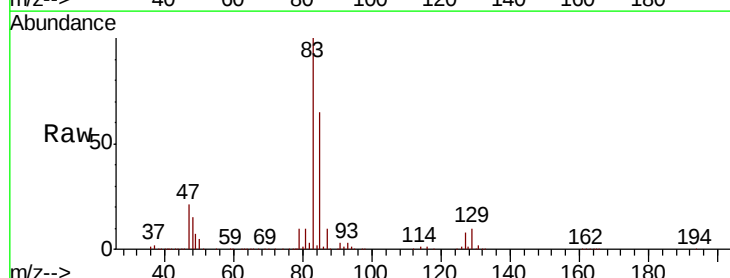
Manual Integrations
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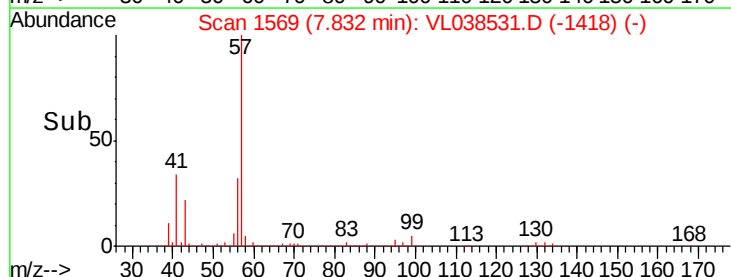
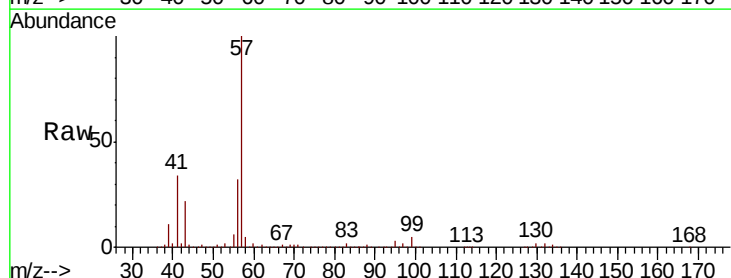
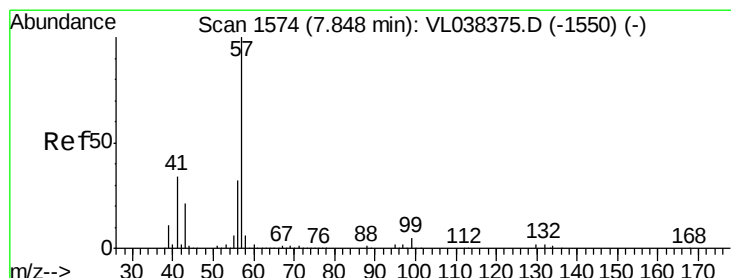
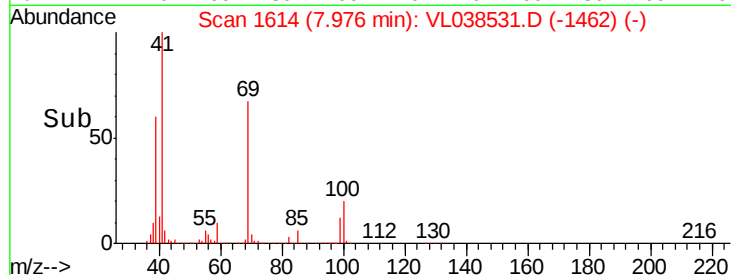
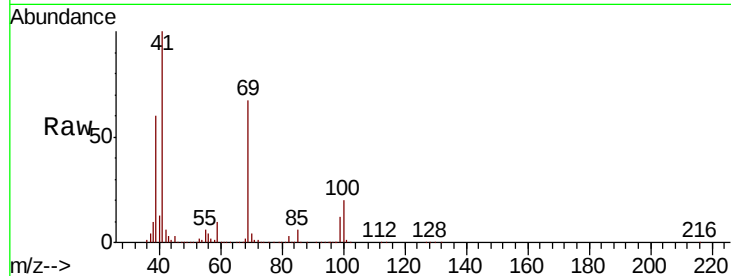
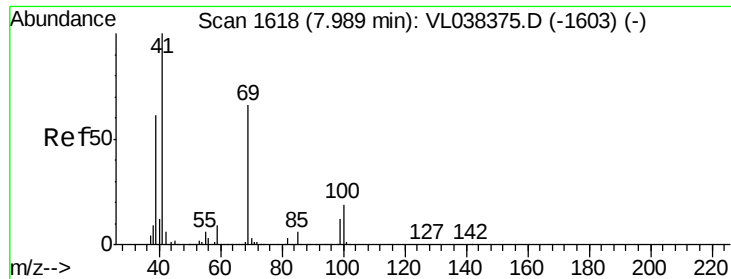
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
Bromodichloromethane
Concen: 12.407 ppbv
RT: 7.75 min Scan# 1544
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 83 Resp: 1834208
Ion Ratio Lower Upper
83 100
85 64.6 52.2 78.4
127 7.9 6.2 9.4





#43

Methyl Methacrylate

Concen: 12.785 ppbv

RT: 7.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

69 100

41 155.

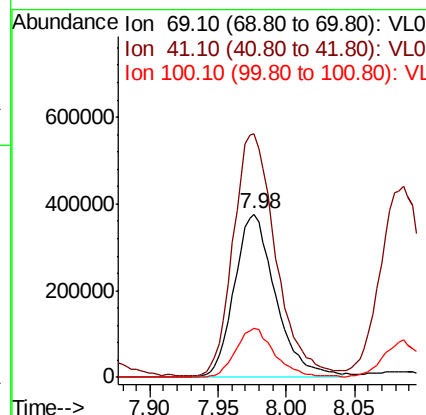
100 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#44

2,2,4-Trimethylpentane

Concen: 11.968 ppbv

RT: 7.83 min Scan# 1569

Delta R.T. -0.02 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

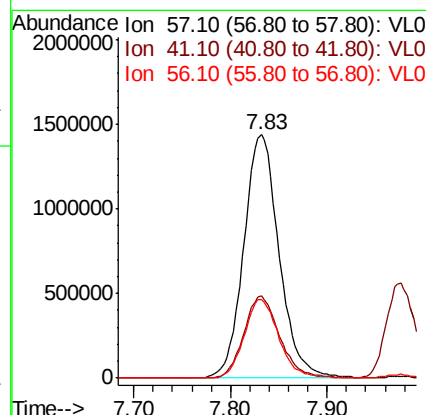
Tgt Ion: 57 Resp: 3644390

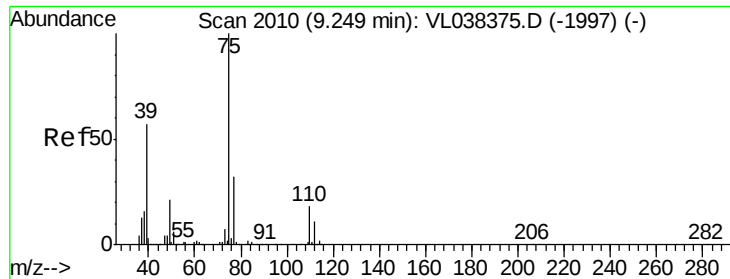
Ion Ratio Lower Upper

57 100

41 34.2 26.6 39.8

56 31.9 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 12.373 ppbv

RT: 9.24 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:

Ion Ratio

75 100

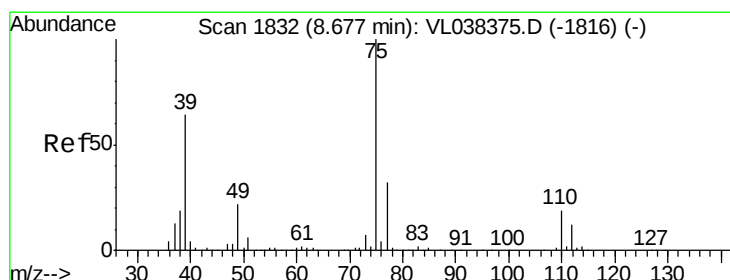
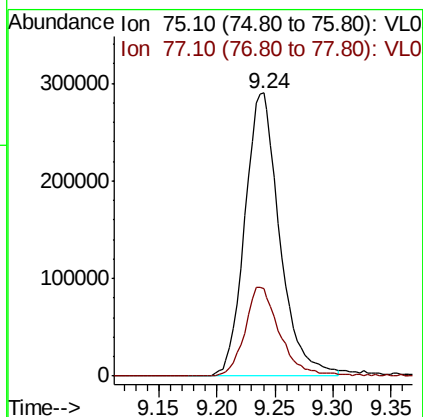
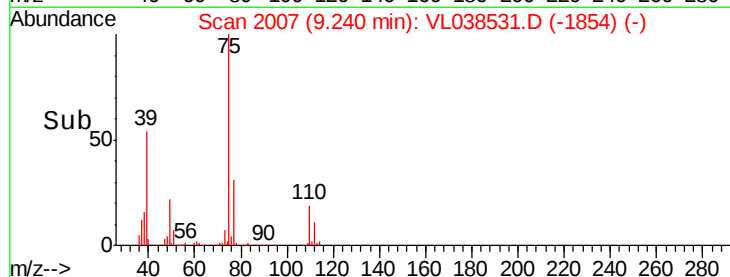
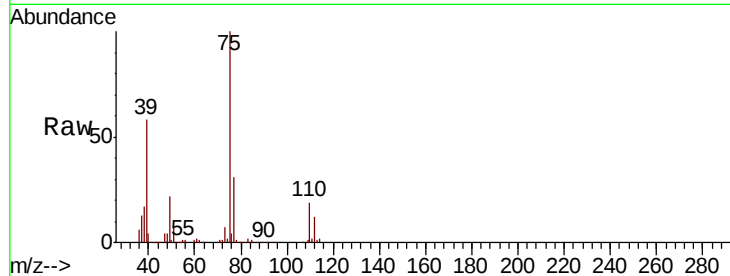
77 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

cis-1,3-Dichloropropene

Concen: 11.714 ppbv

RT: 8.66 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

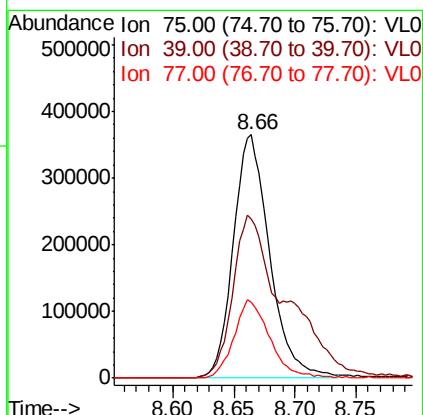
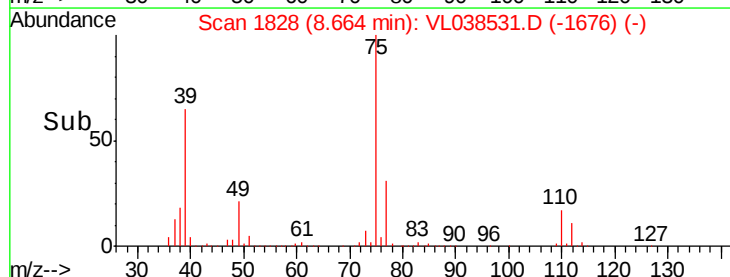
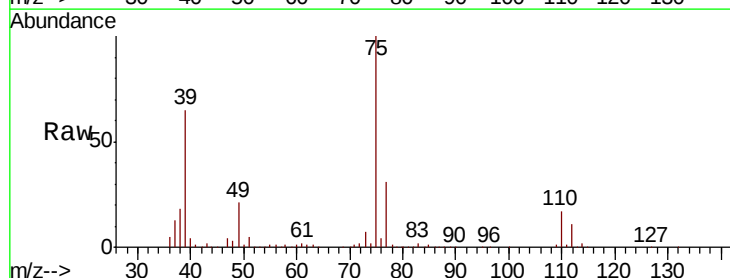
Tgt Ion: 75 Resp: 755693

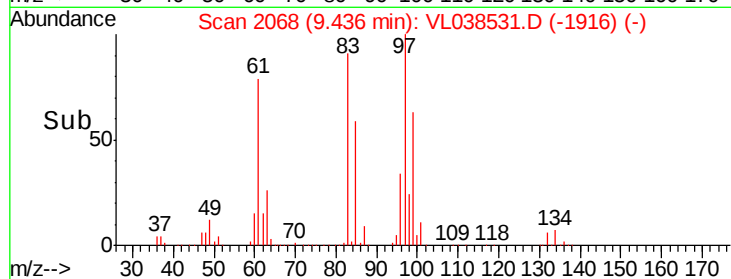
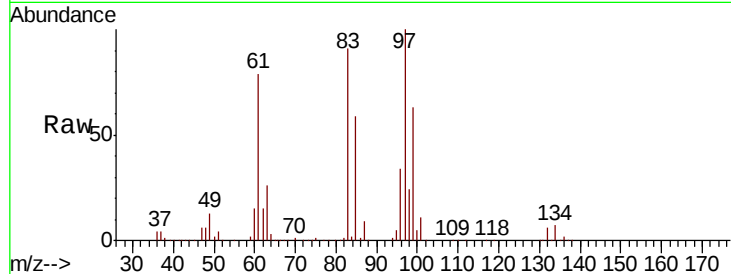
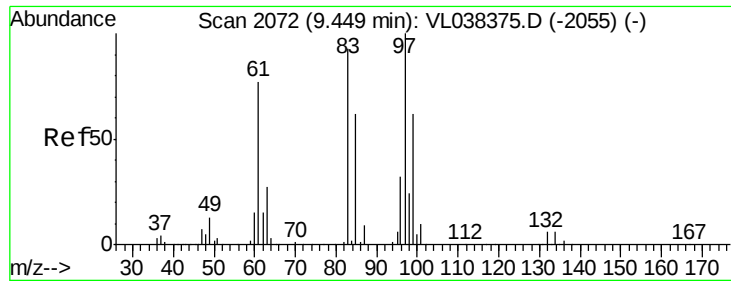
Ion Ratio Lower Upper

75 100

39 65.1 51.4 77.2

77 31.4 25.4 38.2



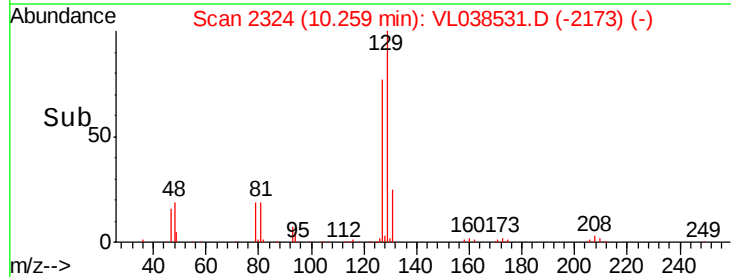
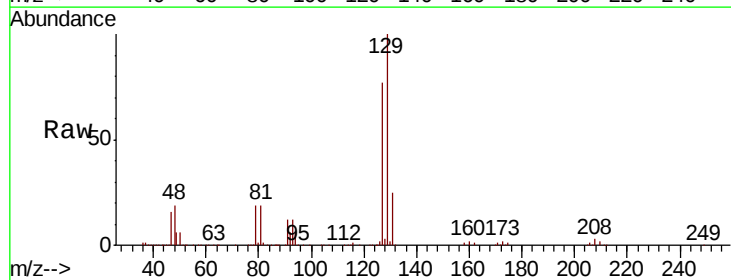
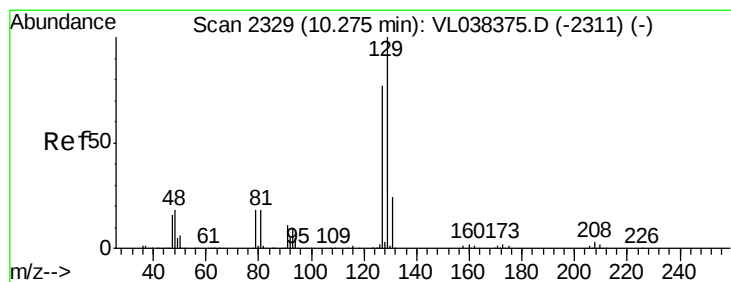
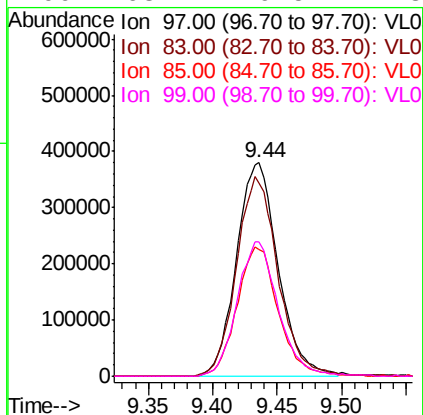


#47
1,1,2-Trichloroethane
Concen: 12.164 ppbv
RT: 9.44
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

Tot Ion:
Ion Ratio
97 100
83 90.
85 59.
99 63.1 49.5 74.3

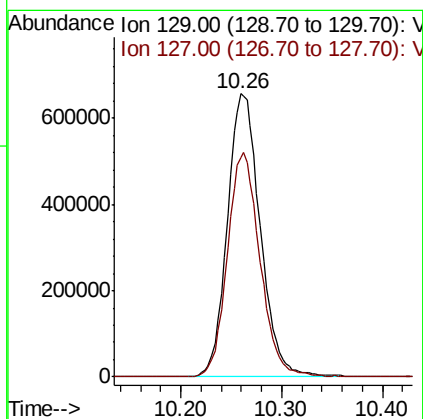
Manual Integrations
APPROVED

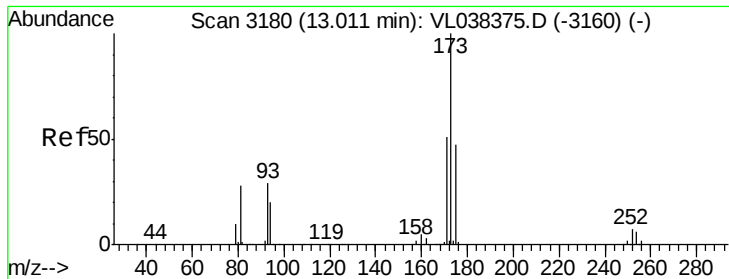
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#48
Dibromochloromethane
Concen: 12.989 ppbv
RT: 10.26 min Scan# 2324
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:129 Resp: 1491053
Ion Ratio Lower Upper
129 100
127 78.8 39.4 118.1





#49

Bromoform

Concen: 13.776 ppbv

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19

Tot Ion:1

Ion Ratio

173 100

175 48.

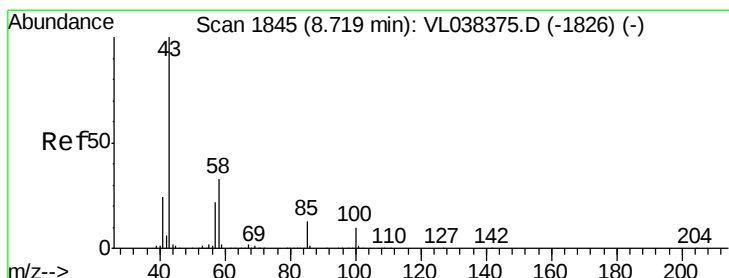
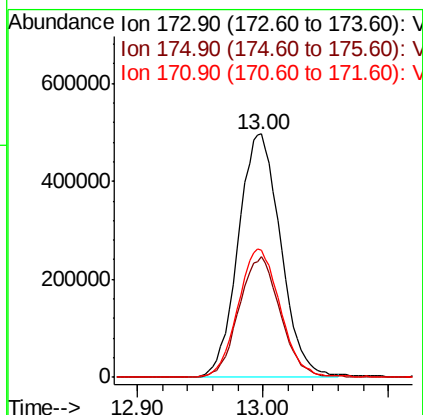
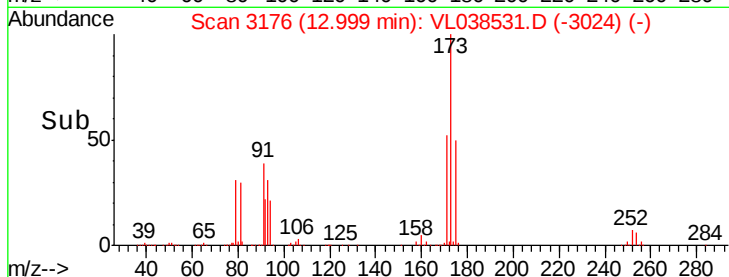
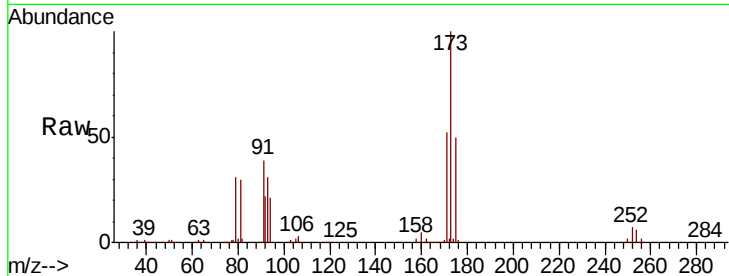
171 52.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

4-Methyl-2-Pentanone

Concen: 13.191 ppbv

RT: 8.70 min Scan# 1840

Delta R.T. -0.02 min

Lab File: VL038531.D

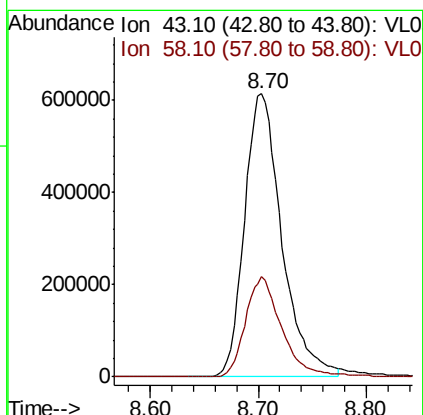
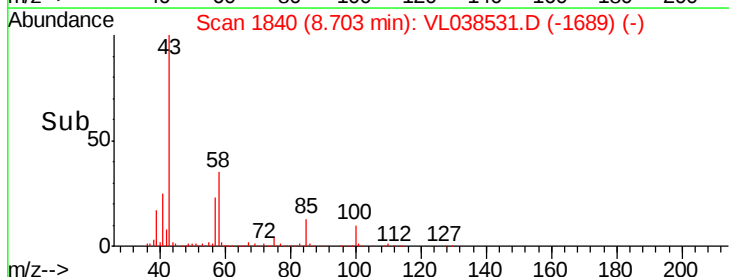
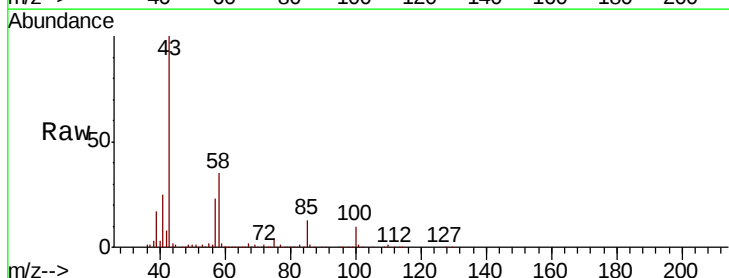
Acq: 4 Mar 2022 2:19

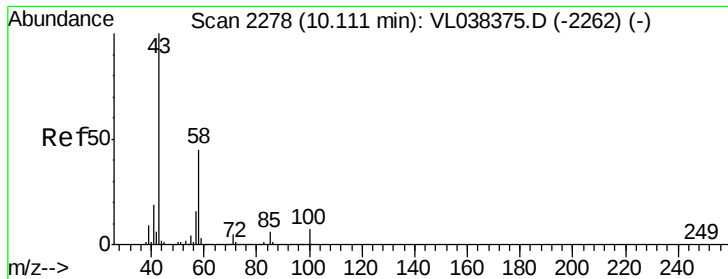
Tgt Ion: 43 Resp: 1476109

Ion Ratio Lower Upper

43 100

58 34.8 27.7 41.5





#51

2-Hexanone

Concen: 13.179 ppbv

RT: 10.10

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 2:19

Tot Ion:

Ion Ratio

43 100

58 45.

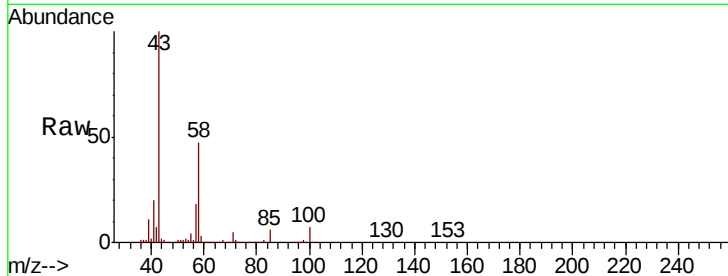
98 0.

Manual Integrations

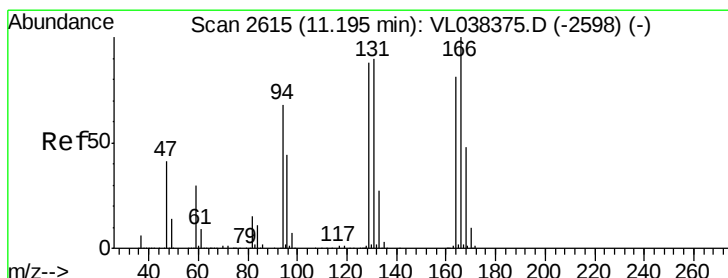
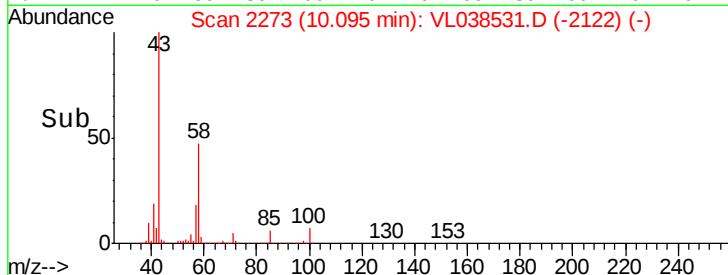
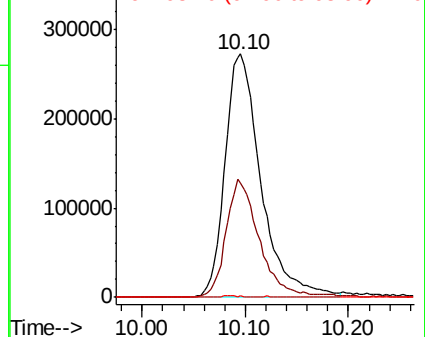
APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022

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: 11.129 ppbv

RT: 11.18 min Scan# 2610

Delta R.T. -0.02 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

Tgt Ion:164 Resp: 654521

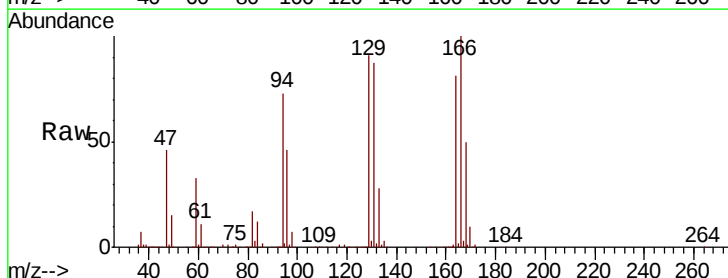
Ion Ratio Lower Upper

164 100

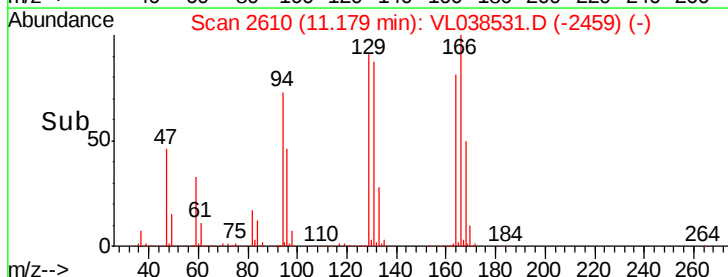
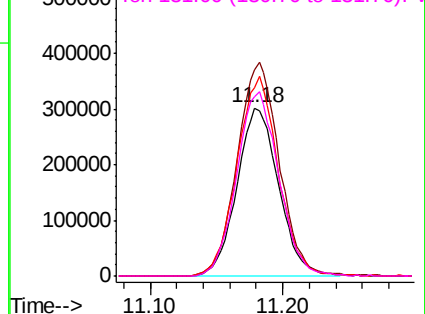
166 122.9 98.6 148.0

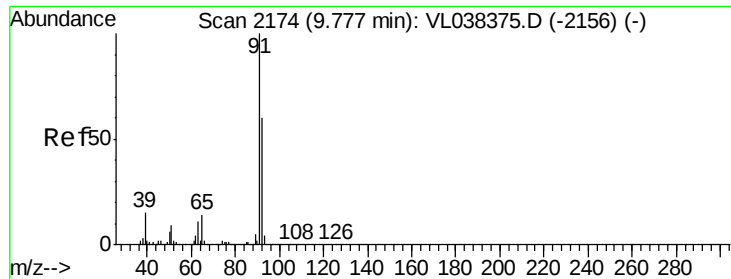
129 112.1 86.9 130.3

131 106.8 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



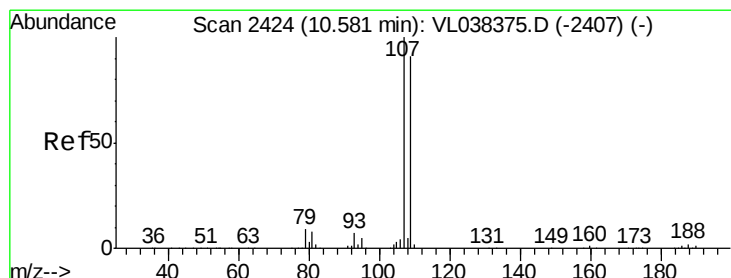
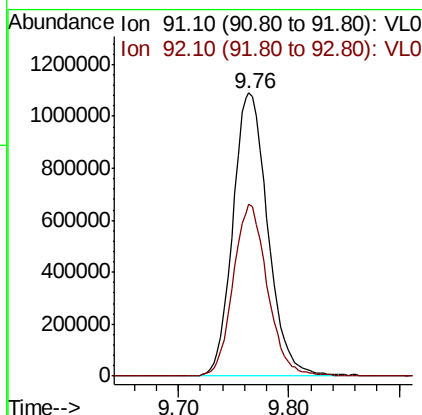
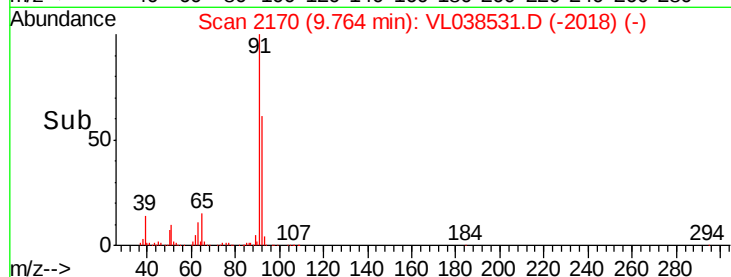
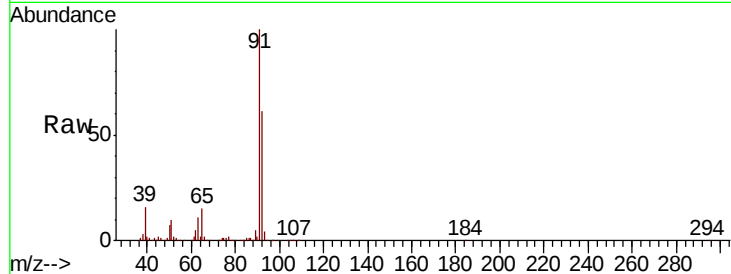


#53
Toluene
Concen: 12.416 ppbv
RT: 9.76
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:
Ion Rati
91 100
92 59.

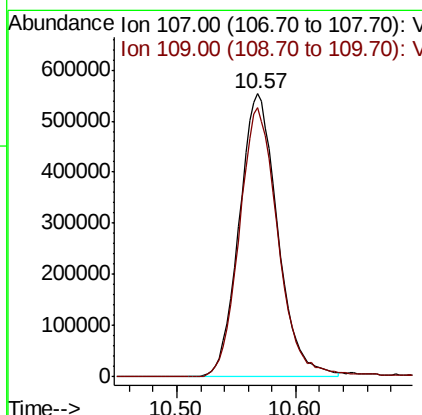
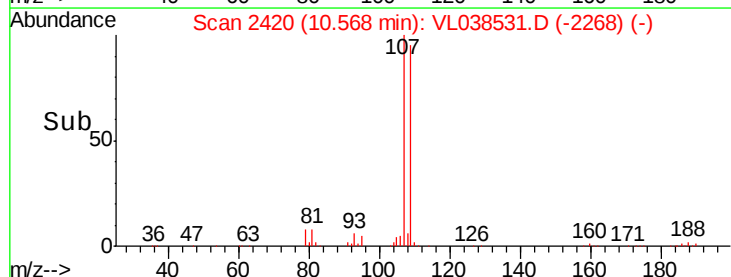
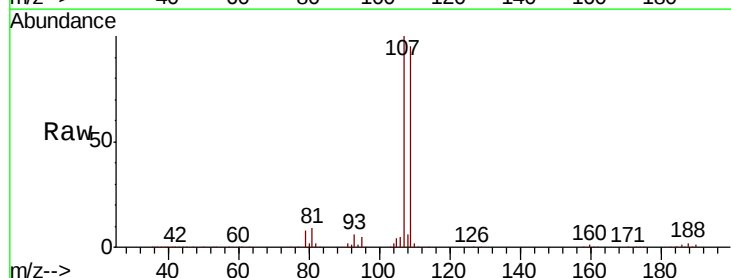
Manual Integrations
APPROVED

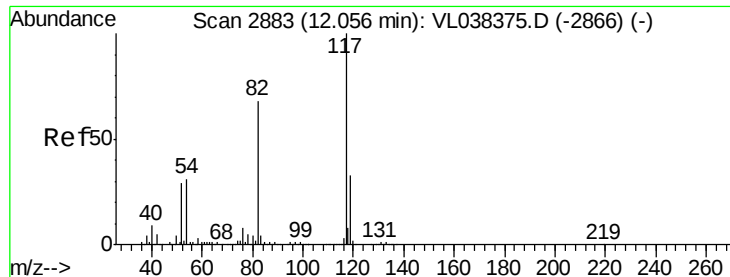
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#54
1,2-Dibromoethane
Concen: 12.541 ppbv
RT: 10.57 min Scan# 2420
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:107 Resp: 1239416
Ion Ratio Lower Upper
107 100
109 95.1 73.0 109.6



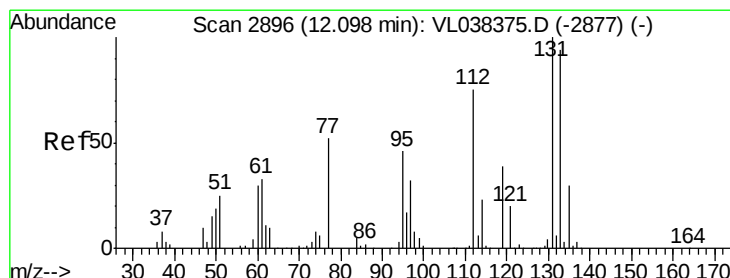
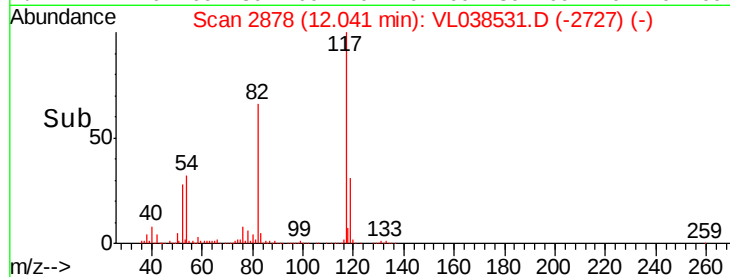
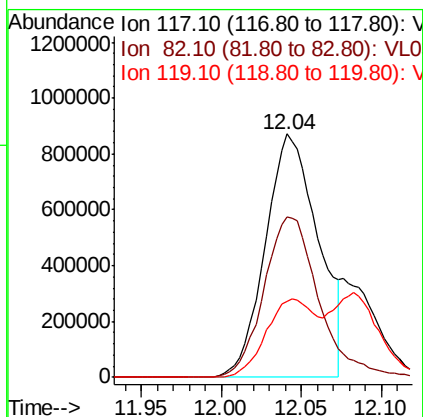
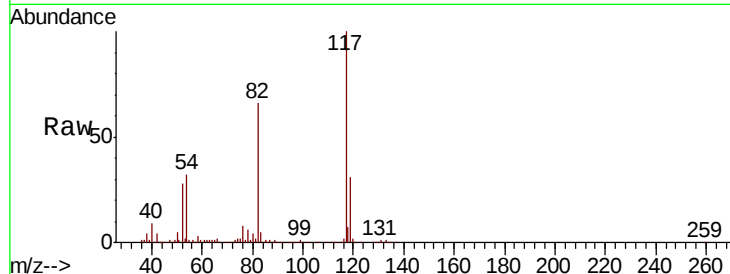


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

Tot Ion:1
Ion Rati
117 100
82 68.
119 26.

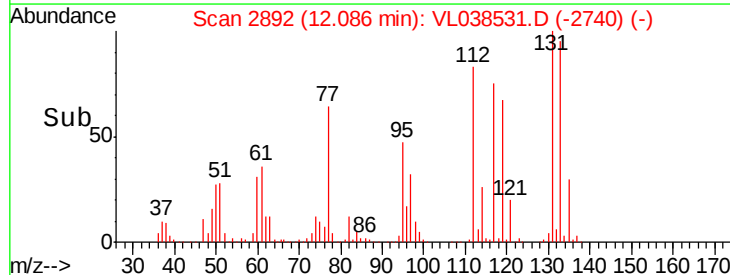
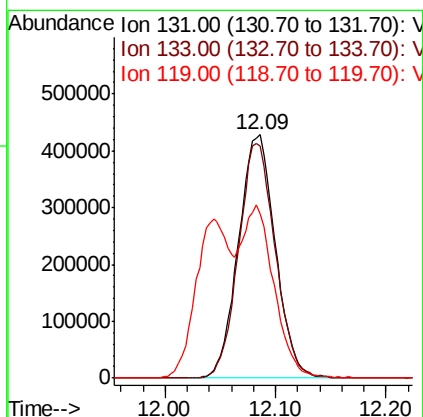
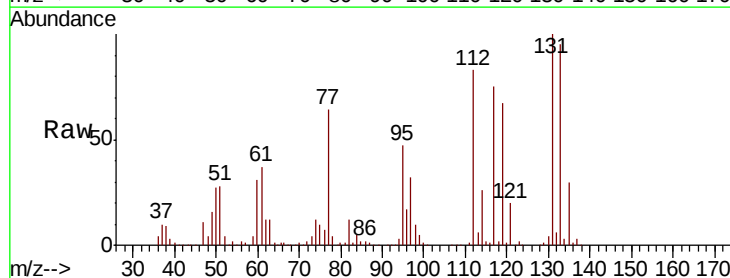
Manual Integrations
APPROVED

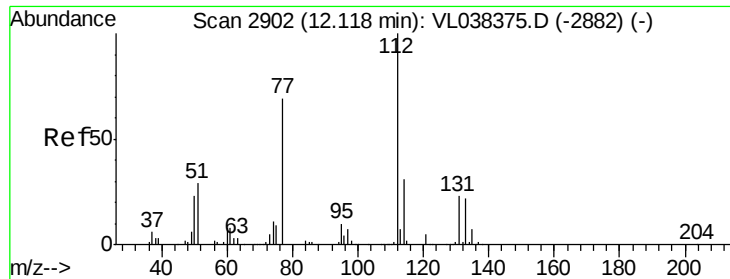
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 11.924 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:131 Resp: 994446
Ion Ratio Lower Upper
131 100
133 96.0 77.3 115.9
119 71.4 48.6 73.0



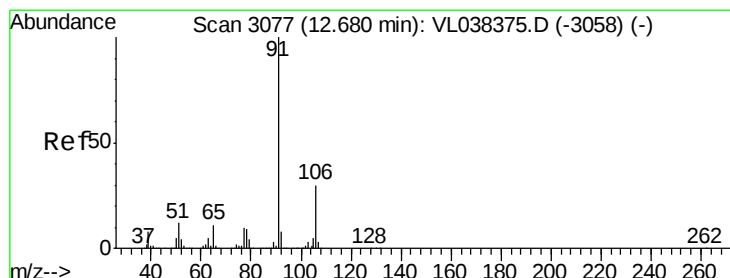
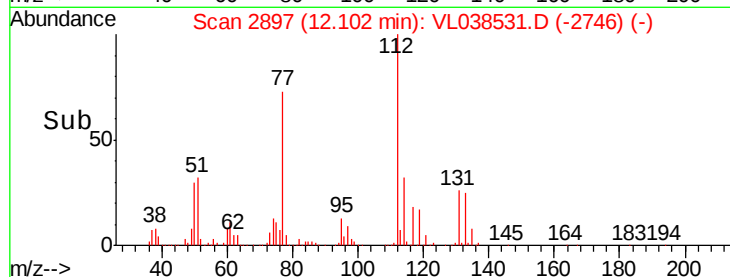
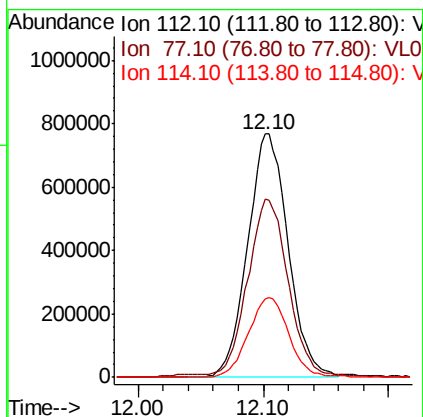
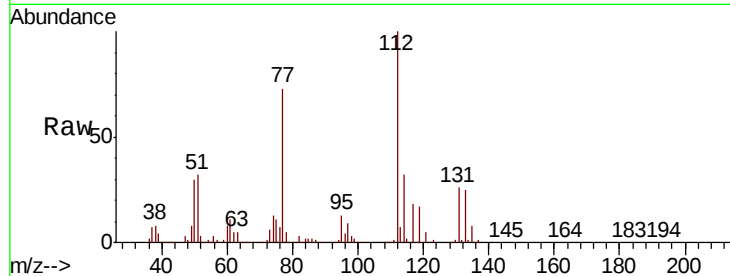


#57
Chlorobenzene
Concen: 11.159 ppbv
RT: 12.10 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

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

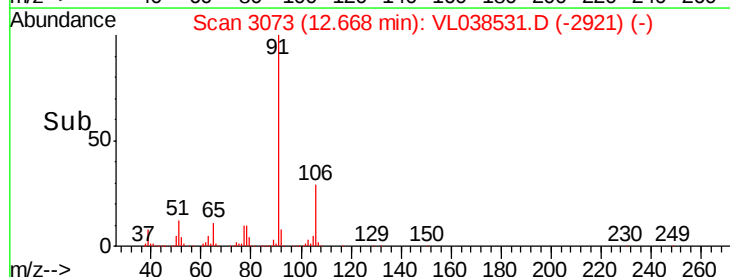
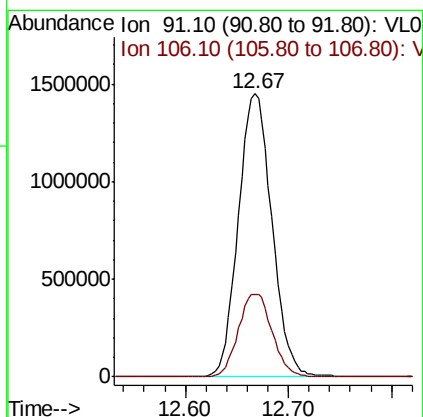
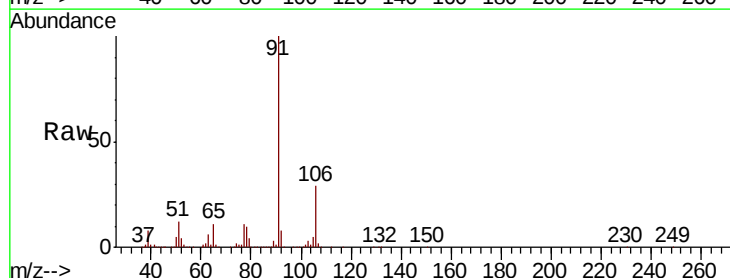
Manual Integrations
APPROVED

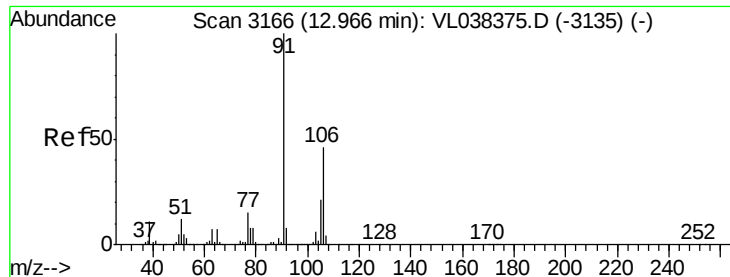
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/07/2022



#58
Ethyl Benzene
Concen: 12.013 ppbv
RT: 12.67 min Scan# 3073
Delta R.T.: -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 91 Resp: 3286927
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0



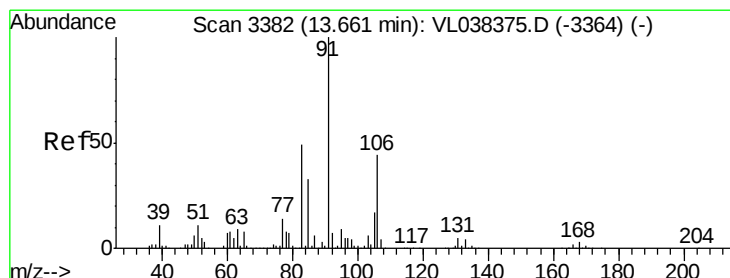
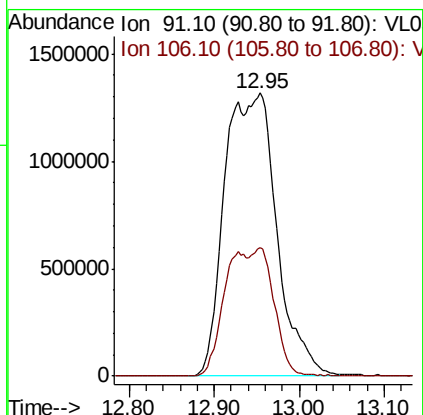
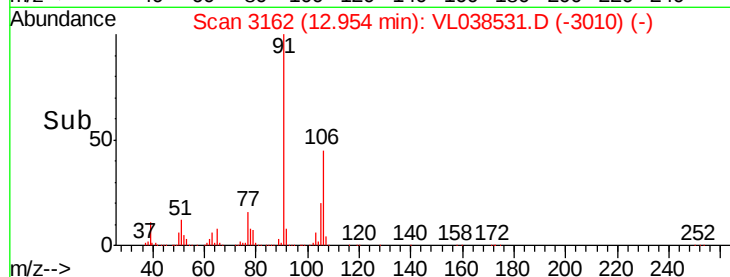
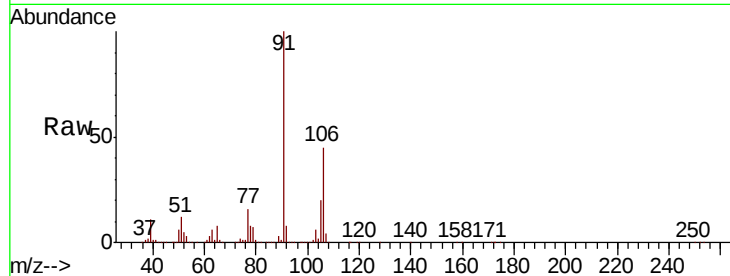


#59
m/p-Xylene
Concen: 23.898 ppbv m
RT: 12.95
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

Tot Ion:
Ion Ratio
91 100
106 42.

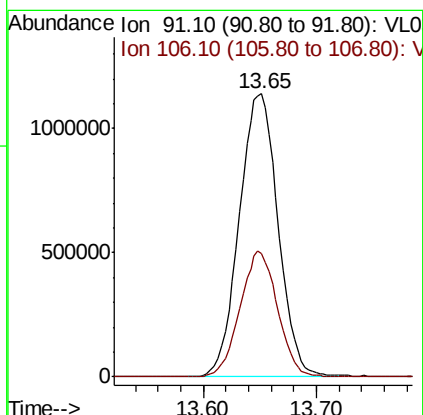
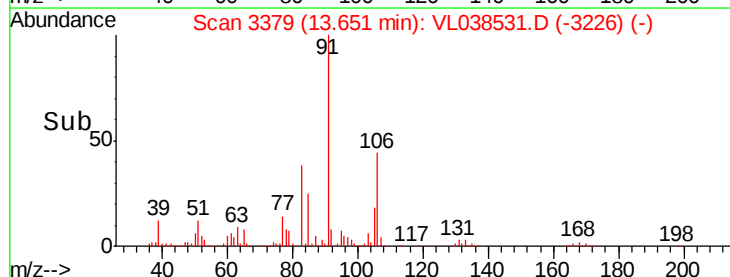
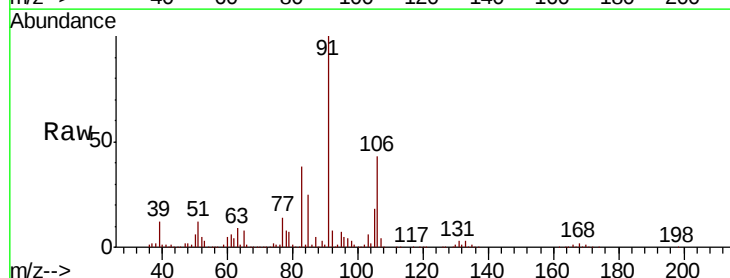
Manual Integrations
APPROVED

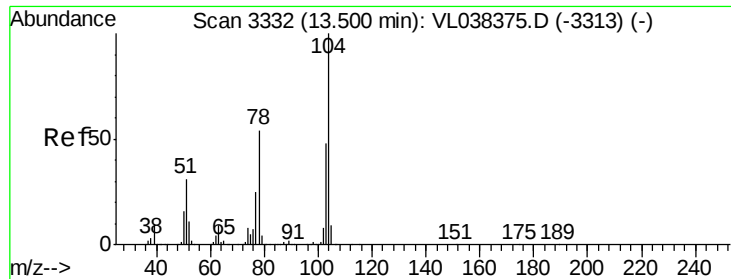
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
o-Xylene
Concen: 12.210 ppbv
RT: 13.65 min Scan# 3379
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 91 Resp: 2712258
Ion Ratio Lower Upper
91 100
106 43.2 21.9 65.5



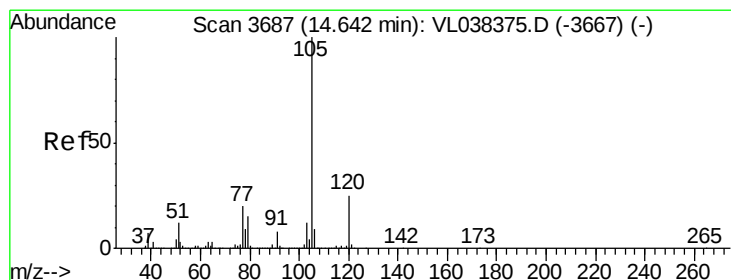
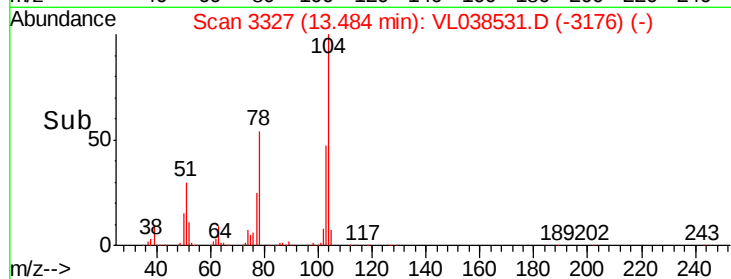
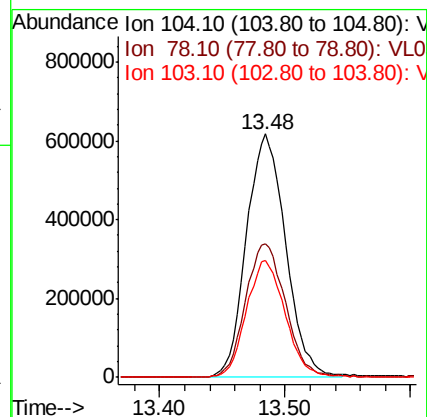
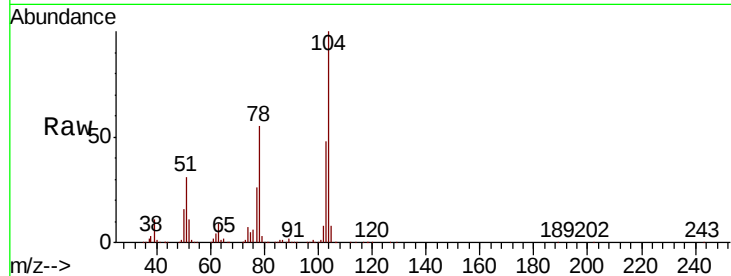


#61
Stvrene
Concen: 13.092 ppbv
RT: 13.48
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 4 Mar 2022 2:19

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

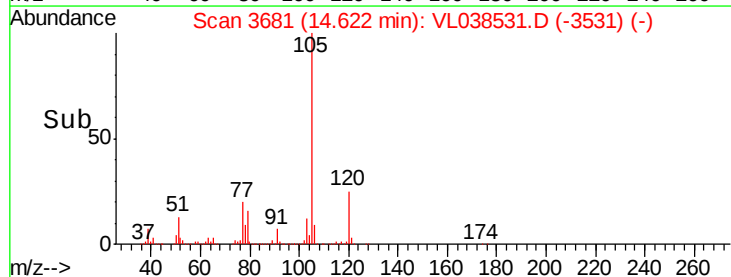
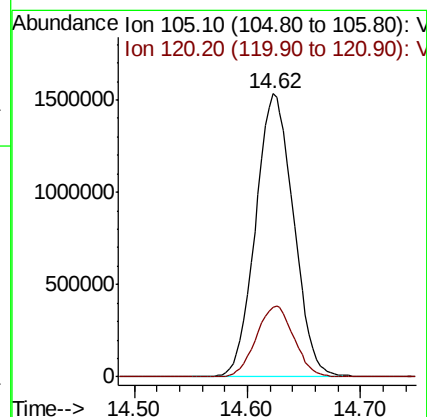
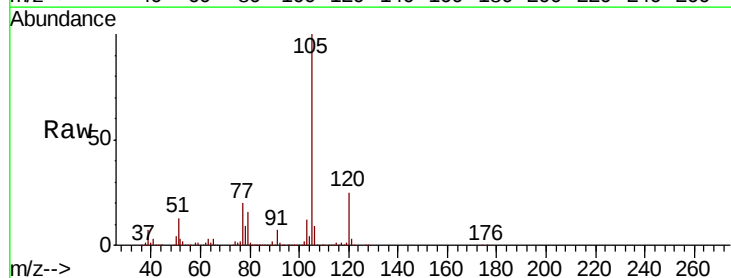
Manual Integrations
APPROVED

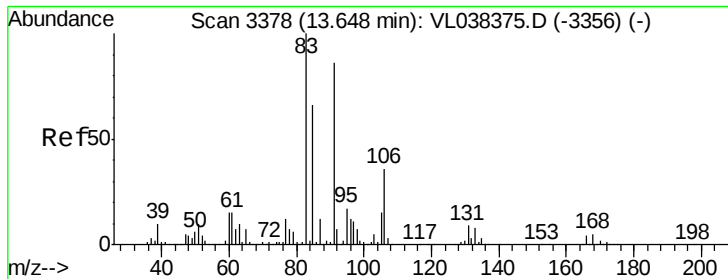
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#62
Isopropylbenzene
Concen: 11.961 ppbv
RT: 14.62 min Scan# 3681
Delta R.T. -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:105 Resp: 3566122
Ion Ratio Lower Upper
105 100
120 24.9 20.6 30.8



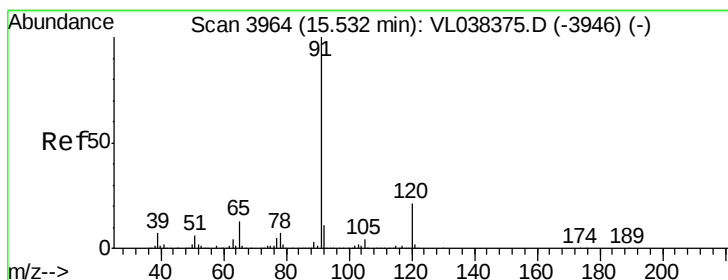
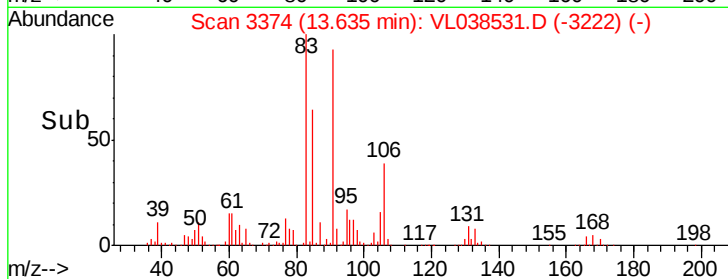
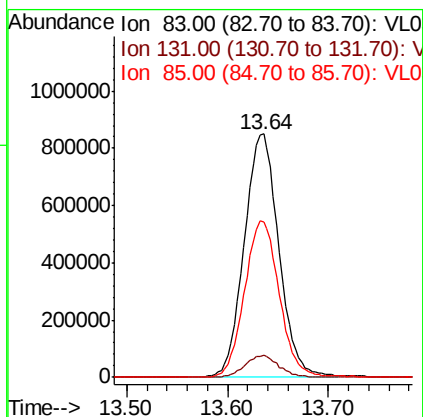
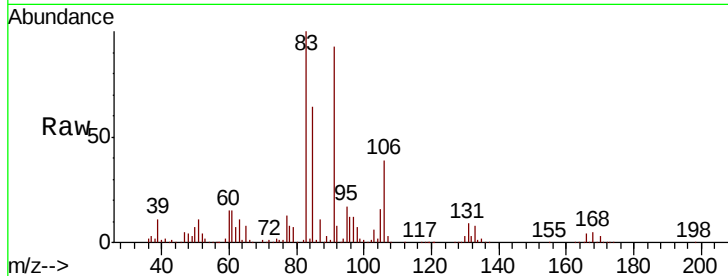


#63
 1,1,2,2-Tetrachloroethane
 Concen: 11.165 ppbv
 RT: 13.64 min
 Delta R.T.: 0.02 min
 Lab File: VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 83 100
 131 8.1
 85 65.1

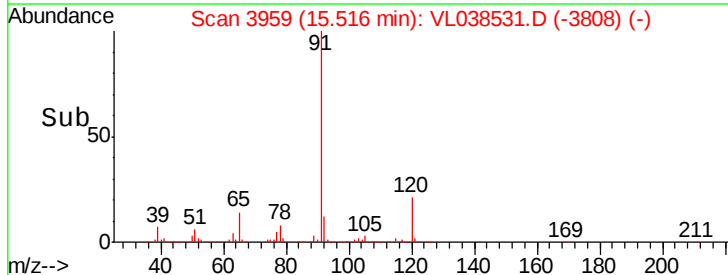
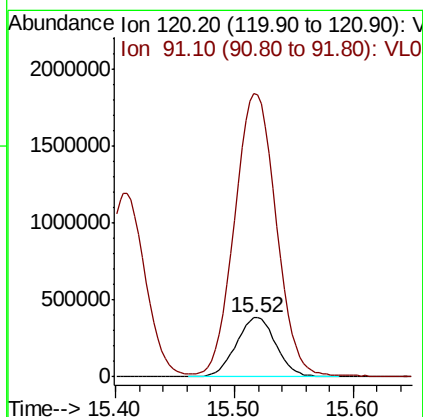
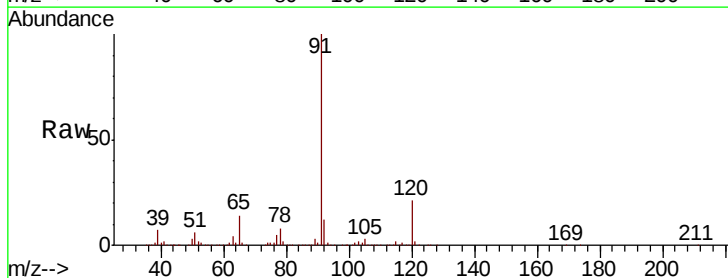
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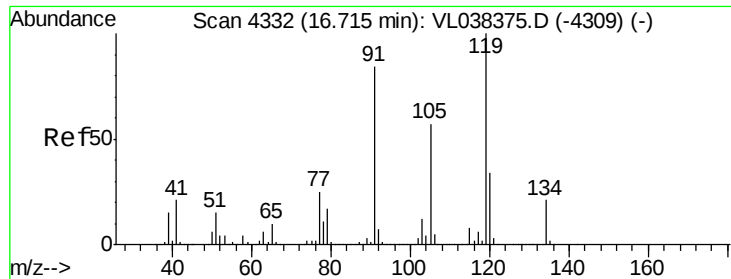
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#64
 n-propylbenzene
 Concen: 12.149 ppbv
 RT: 15.52 min Scan# 3959
 Delta R.T.: -0.02 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion:120 Resp: 896830
 Ion Ratio Lower Upper
 120 100
 91 498.4 388.1 582.1



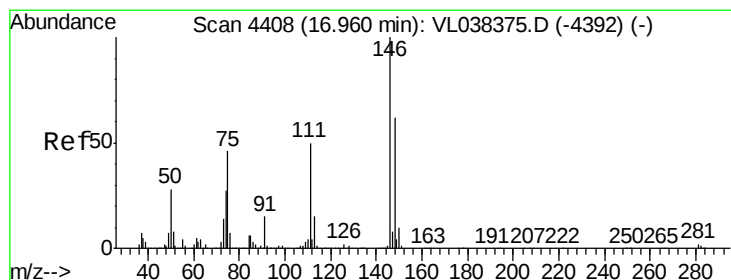
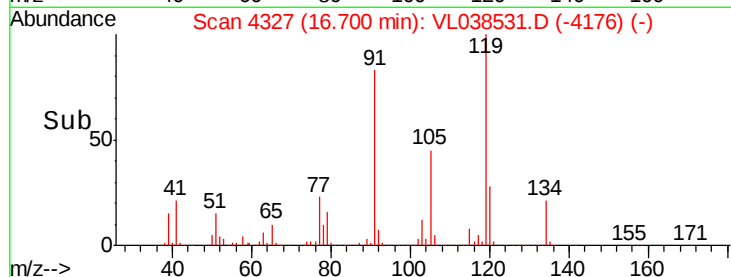
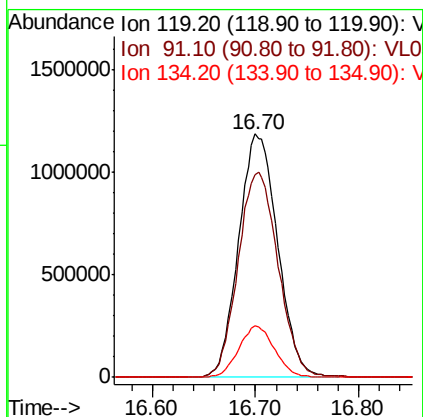
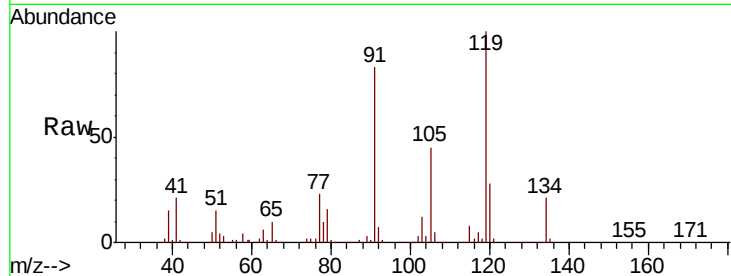


#65
tert-Butylbenzene
Concen: 12.071 ppbv
RT: 16.70 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 4 Mar 2022 2:19

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

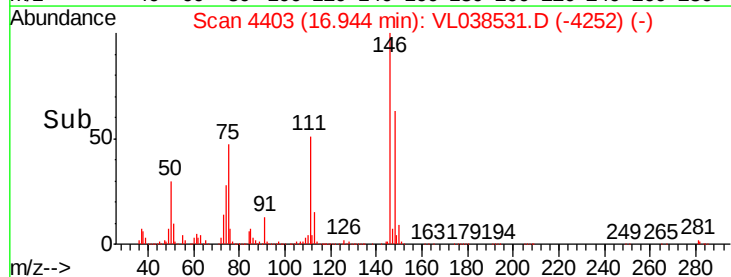
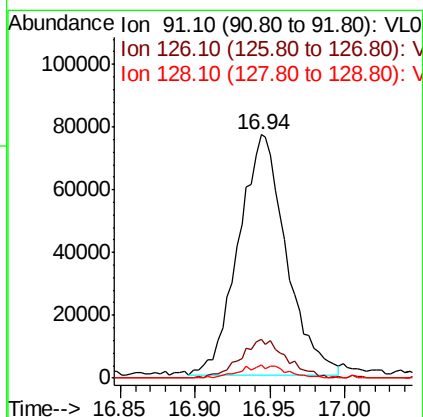
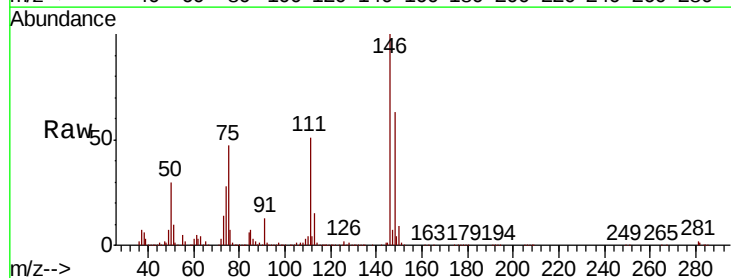
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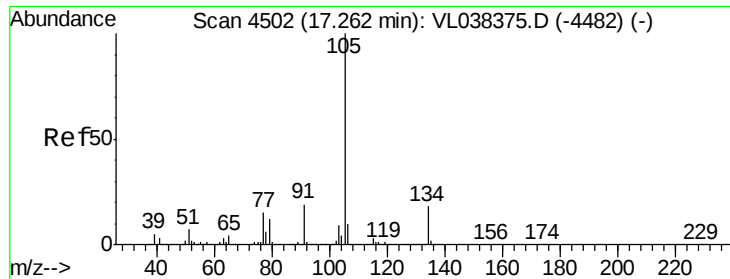
Reviewed By : Semsettin Yesilyurt 03/05/2022
Supervised By : Mahesh Dadoda 03/07/2022



#66
Benzyl Chloride
Concen: 12.181 ppbv
RT: 16.94 min Scan# 4403
Delta R.T.: -0.02 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion: 91 Resp: 169965
Ion Ratio Lower Upper
91 100
126 15.9 12.3 18.5
128 5.3 4.2 6.4





#67

sec-Butylbenzene

Concen: 12.153 ppbv

RT: 17.25

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCC010EC

Tot Ion:1

Ion Ratio

105 100

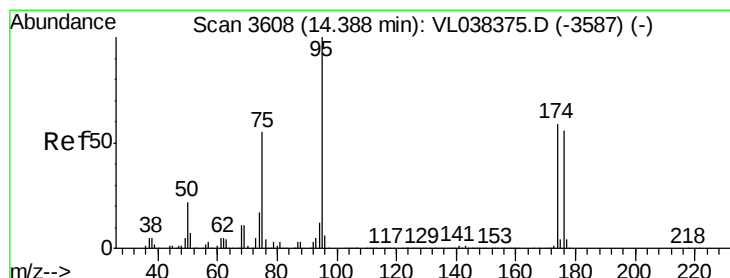
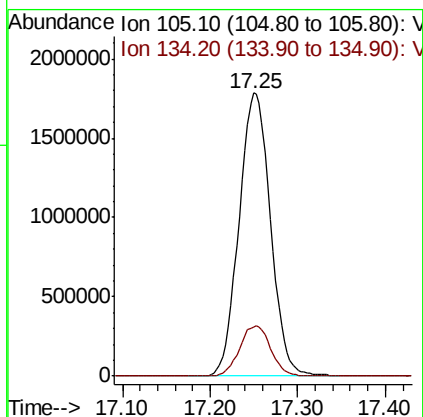
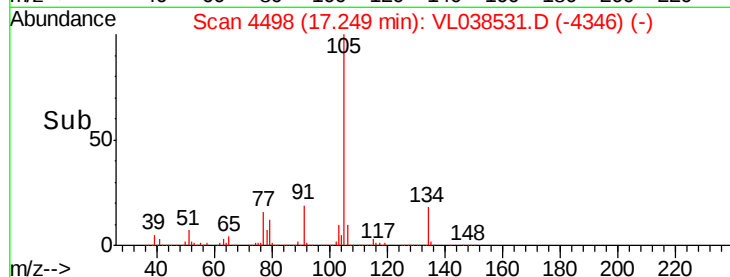
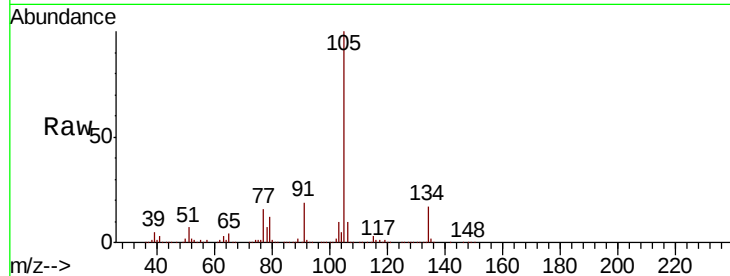
134 17.

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.757 ppbv

RT: 14.37 min Scan# 3603

Delta R.T. -0.02 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

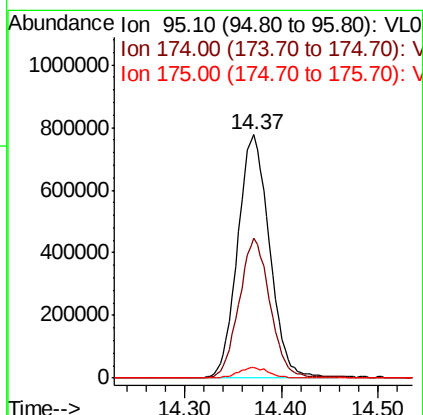
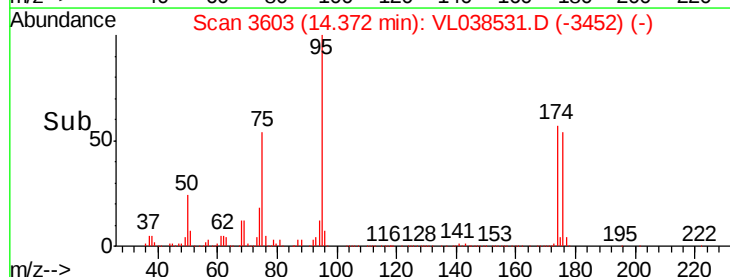
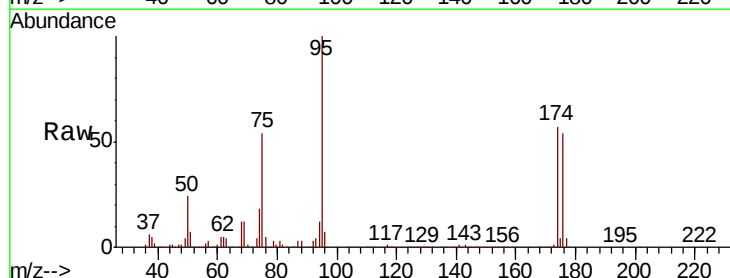
Tgt Ion: 95 Resp: 1780976

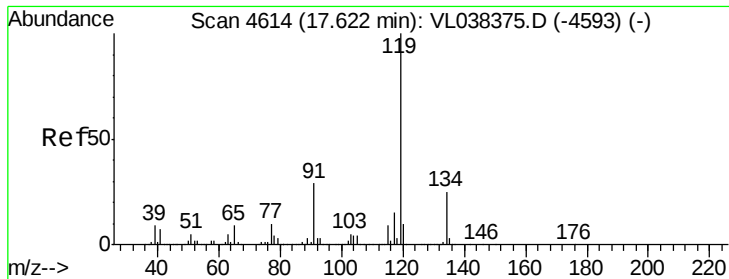
Ion Ratio Lower Upper

95 100

174 56.3 49.0 73.4

175 4.3 3.6 5.4



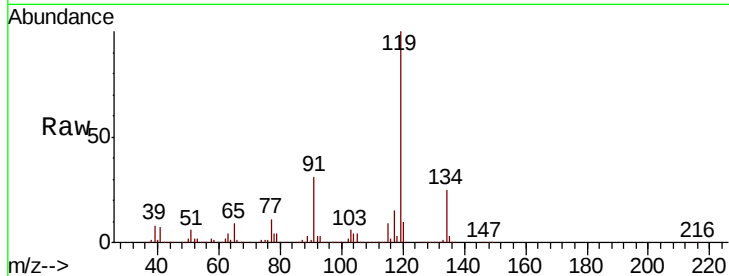


#69
 p-Isopropyltoluene
 Concen: 12.442 ppbv
 RT: 17.61 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

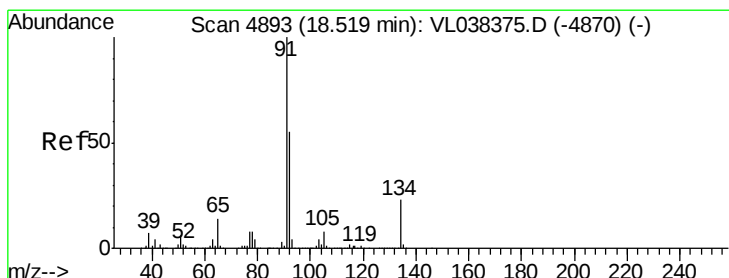
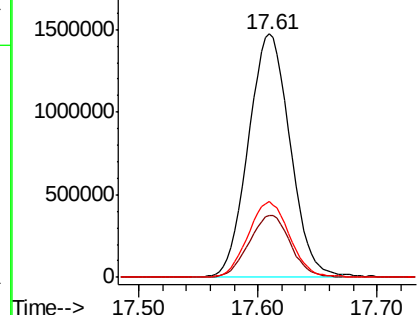
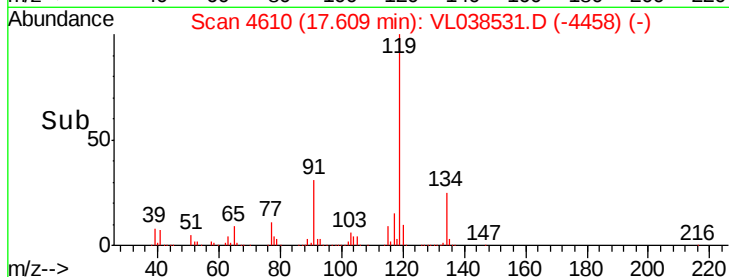
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 31.

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Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

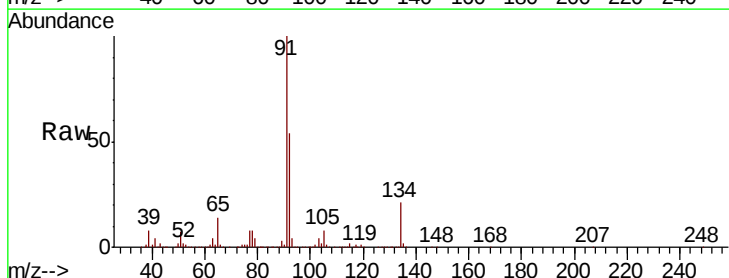


Abundance Ion 119.10 (118.80 to 119.80): V
 2000000
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

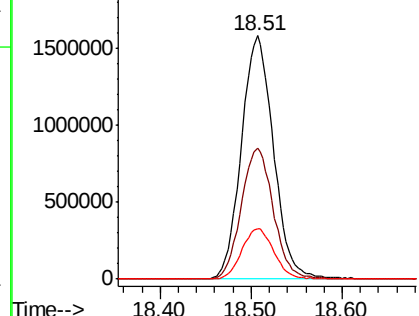
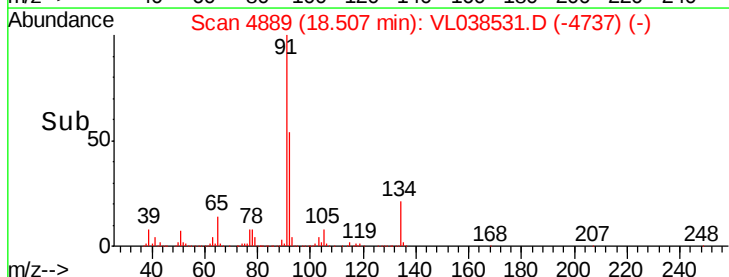


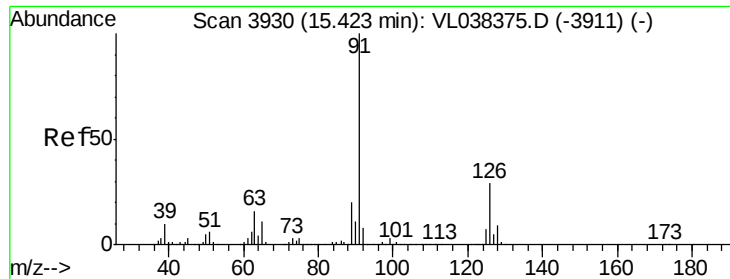
#70
 n-Butylbenzene
 Concen: 13.042 ppbv
 RT: 18.51 min Scan# 4889
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion: 91 Resp: 3878725
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.1 64.7
 134 21.0 17.4 26.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
 2000000
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



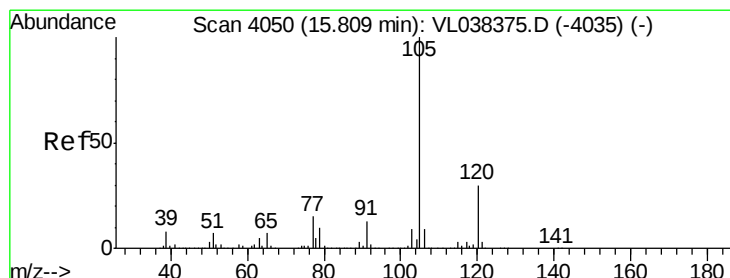
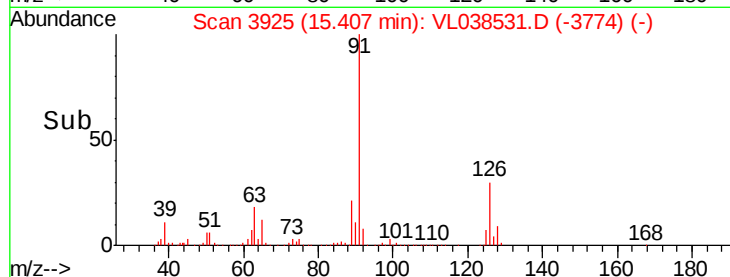
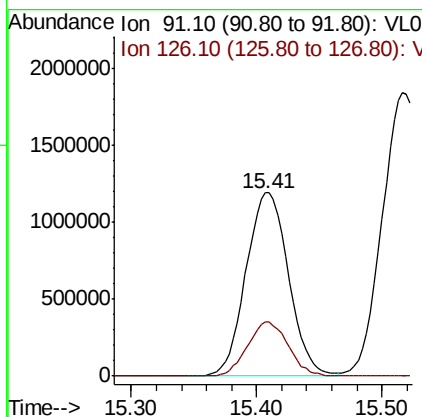
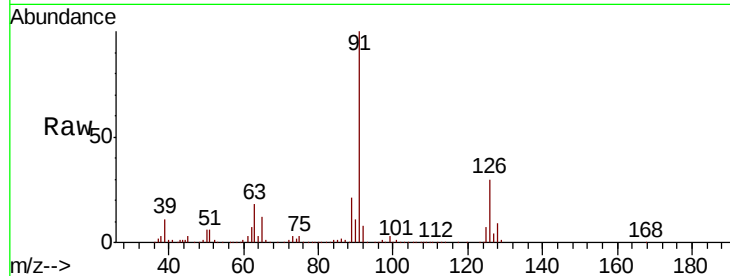


#71
 2-Chlorotoluene
 Concen: 12.238 ppbv
 RT: 15.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:
 Ion Ratio
 91 100
 126 28.

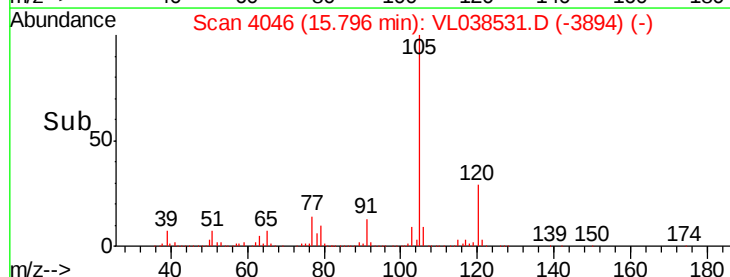
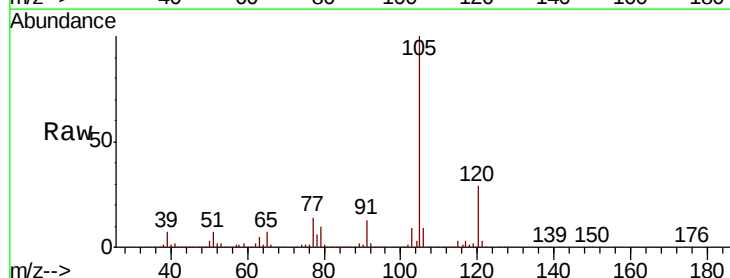
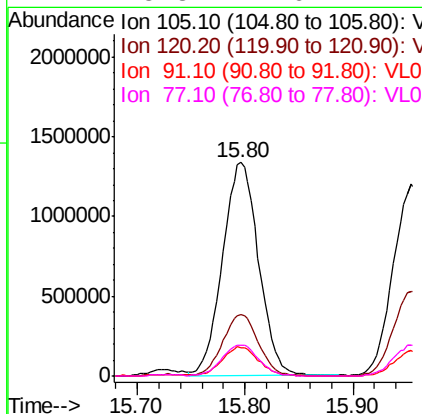
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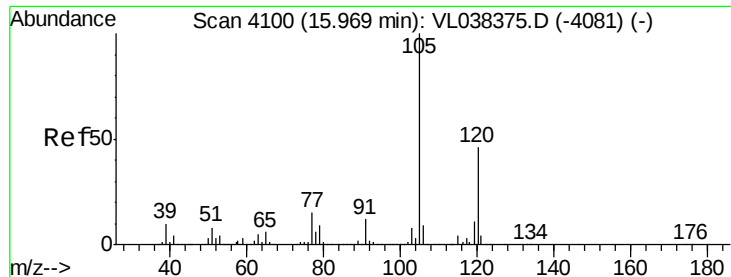
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#72
 4-Ethyltoluene
 Concen: 12.707 ppbv
 RT: 15.80 min Scan# 4046
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion:105 Resp: 3110024
 Ion Ratio Lower Upper
 105 100
 120 28.7 23.4 35.2
 91 13.3 10.4 15.6
 77 15.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 12.547 ppbv

RT: 15.95

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19

Tot Ion:1

Ion Rati

105 100

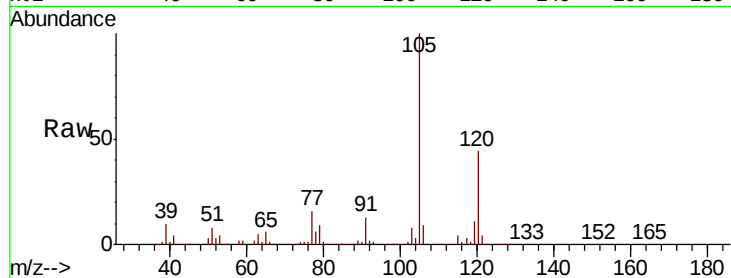
120 44.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/05/2022

Supervised By :Mahesh Dadoda 03/07/2022



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

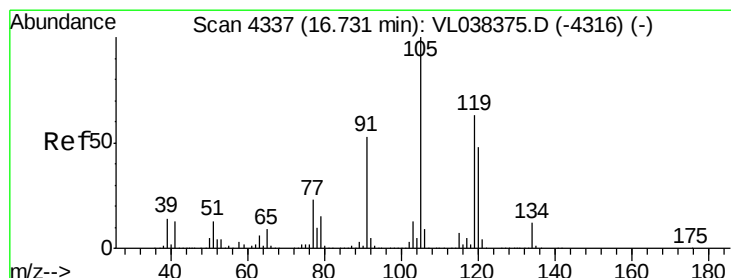
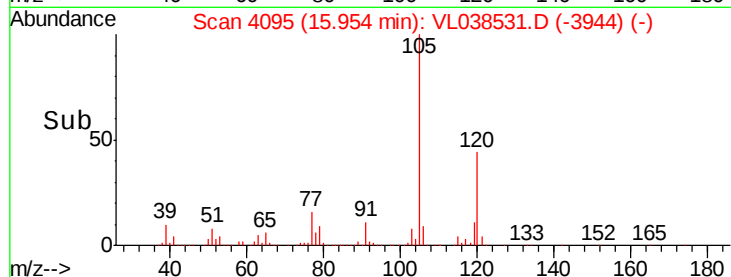
15.95

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 12.457 ppbv

RT: 16.72 min Scan# 4333

Delta R.T. -0.01 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

Tgt Ion:105 Resp: 2923227

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.4

91 52.7 42.7 64.1

77 23.7 18.5 27.7

Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

16.72

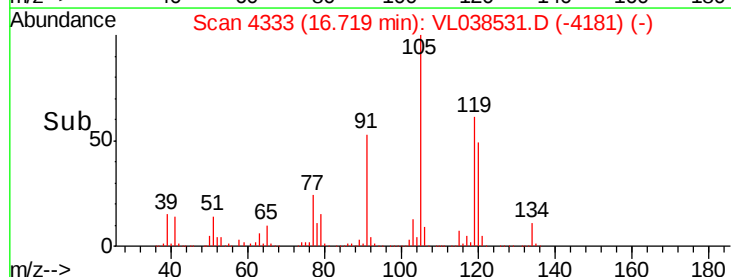
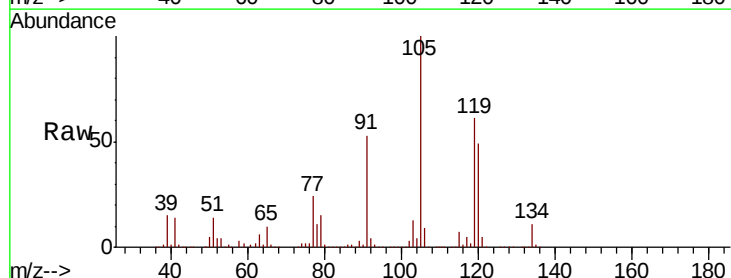
1500000

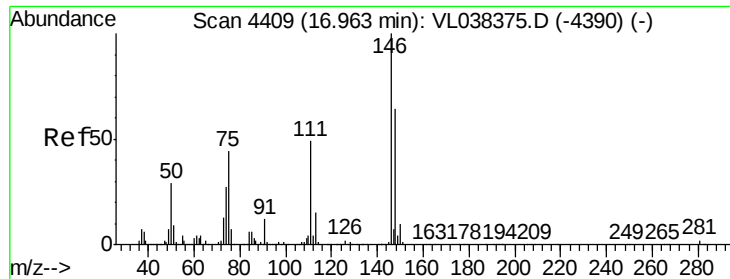
1000000

500000

0

Time-->



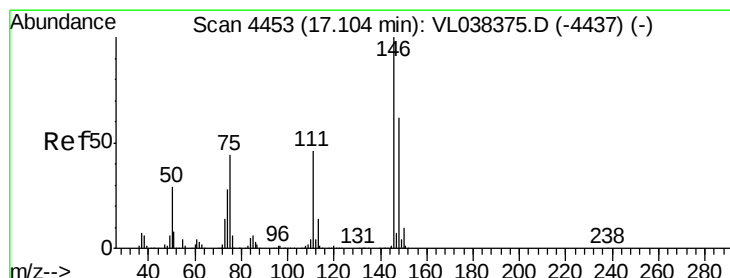
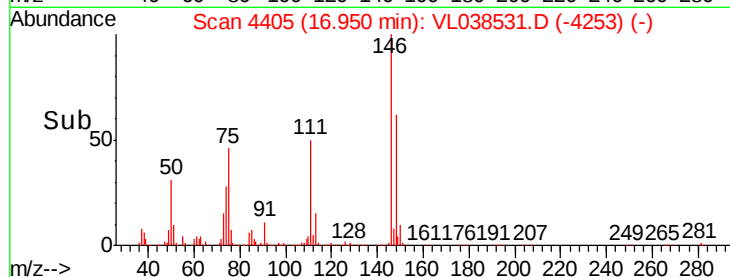
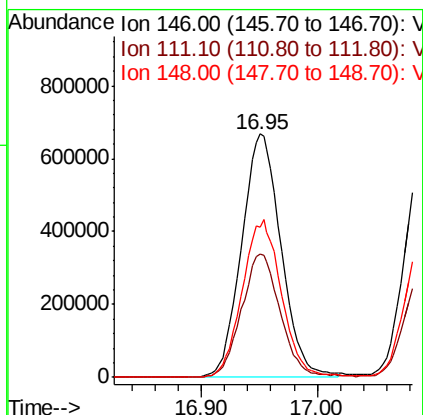
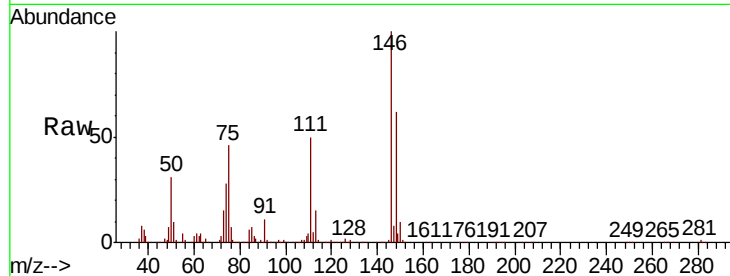


#75
 1,3-Dichlorobenzene
 Concen: 12.007 ppbv
 RT: 16.95
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

Tot Ion:1
 Ion Rati
 146 100
 111 50.
 148 64.

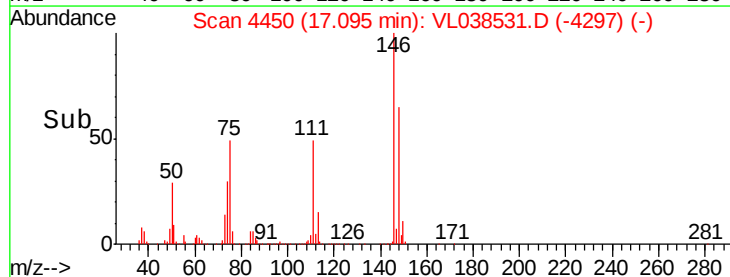
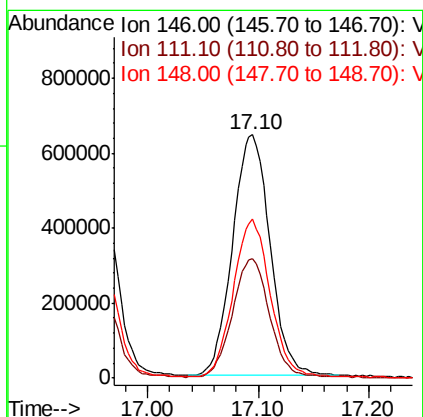
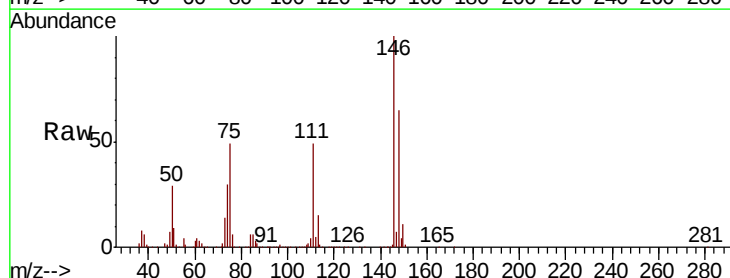
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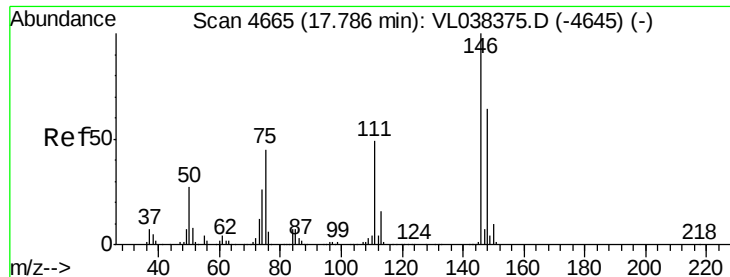
Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#76
 1,4-Dichlorobenzene
 Concen: 11.694 ppbv
 RT: 17.10 min Scan# 4450
 Delta R.T. -0.01 min
 Lab File: VL038531.D
 Acq: 4 Mar 2022 2:19

Tgt Ion:146 Resp: 1515670
 Ion Ratio Lower Upper
 146 100
 111 49.6 24.1 72.2
 148 66.2 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 11.798 ppbv

RT: 17.77

Delta R.T. MSVOA_L

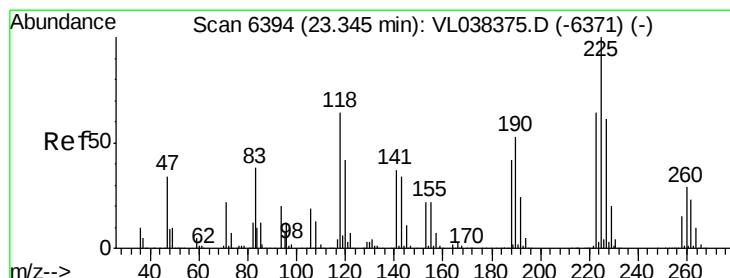
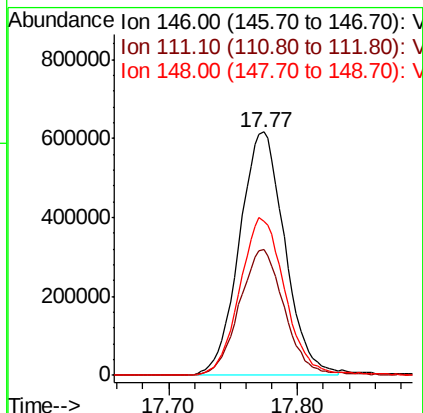
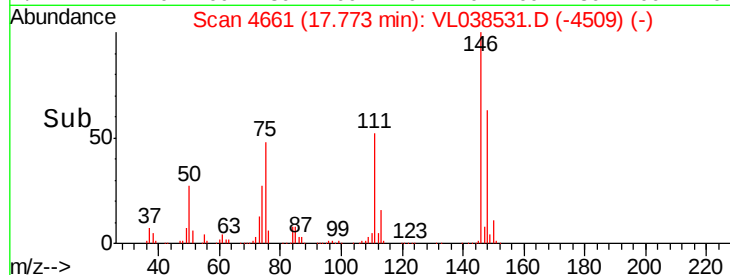
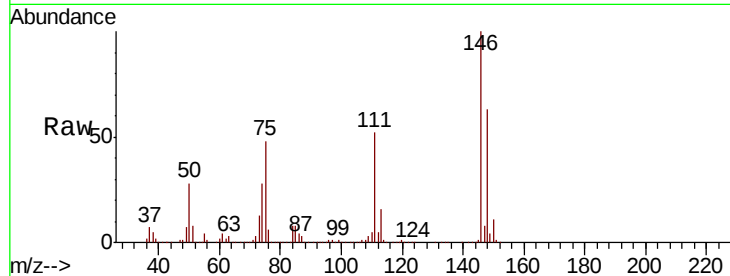
Lab File: ClientSampleId:

Acq: 4 Mar 2022 2:19 VSTDCCC010EC

Tot Ion:1
Ion Rati
146 100
111 52.
148 65.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#78

Hexachloro-1,3-Butadiene

Concen: 11.493 ppbv

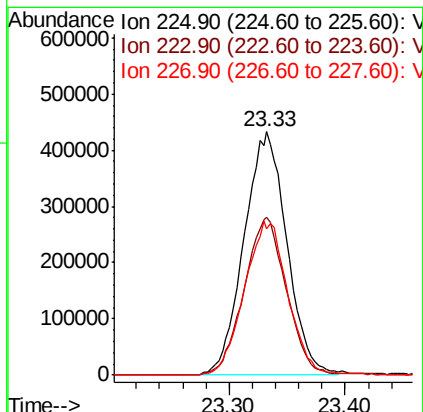
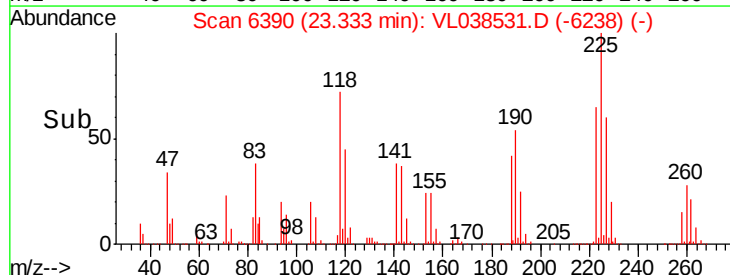
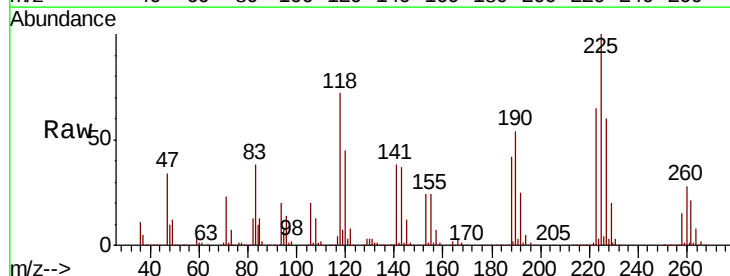
RT: 23.33 min Scan# 6390

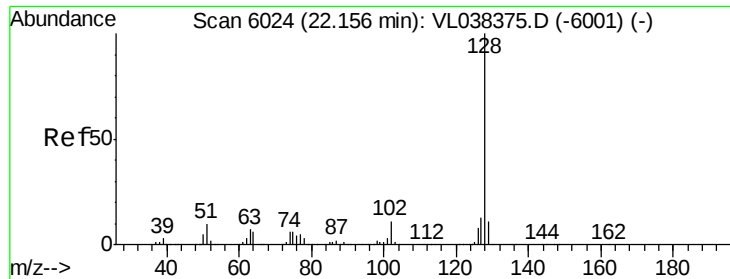
Delta R.T. -0.01 min

Lab File: VL038531.D

Acq: 4 Mar 2022 2:19

Tgt Ion:225 Resp: 1108902
Ion Ratio Lower Upper
225 100
223 64.9 52.0 78.0
227 64.7 51.6 77.4



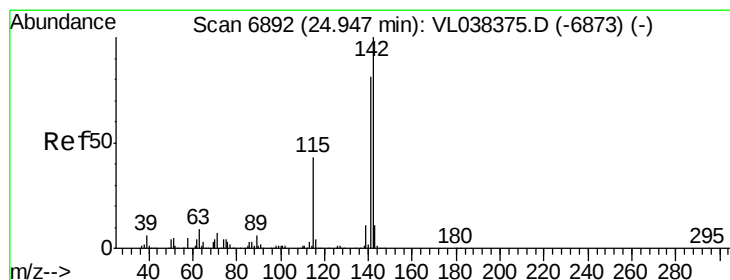
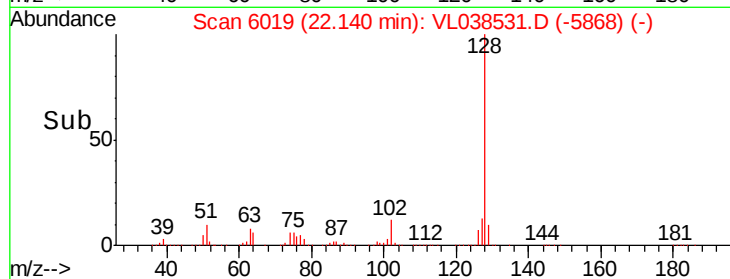
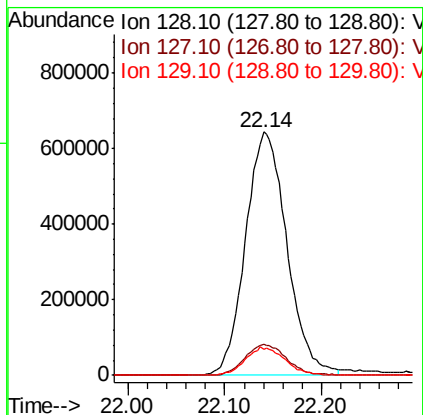
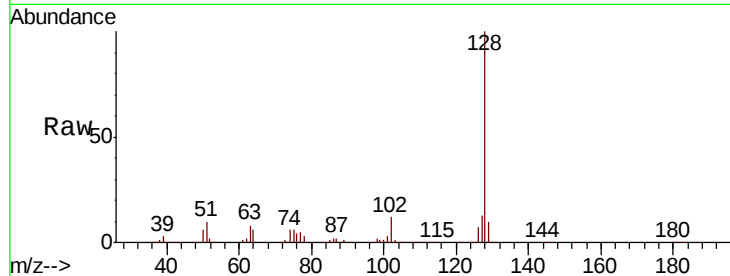


#79
Naphthalene
Concen: 15.055 ppbv
RT: 22.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 4 Mar 2022 2:19 VSTDCCC010EC

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

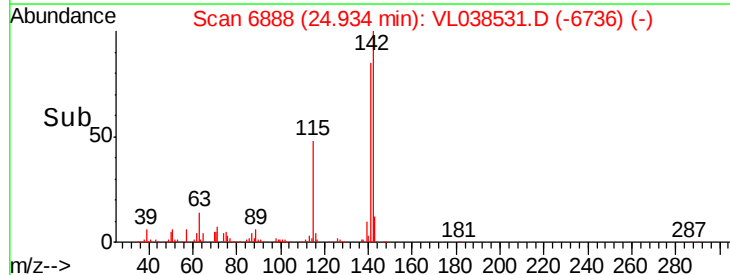
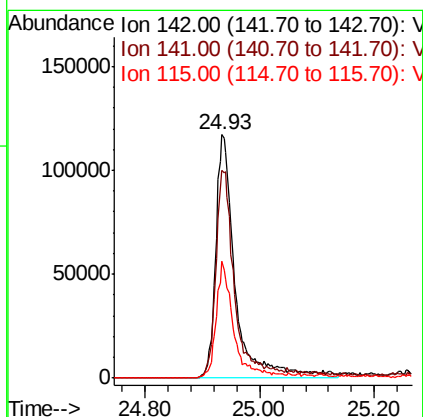
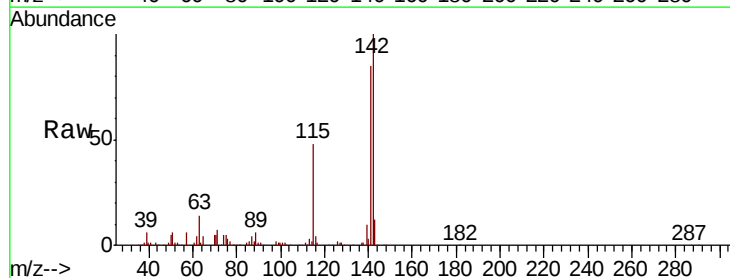
Manual Integrations
APPROVED

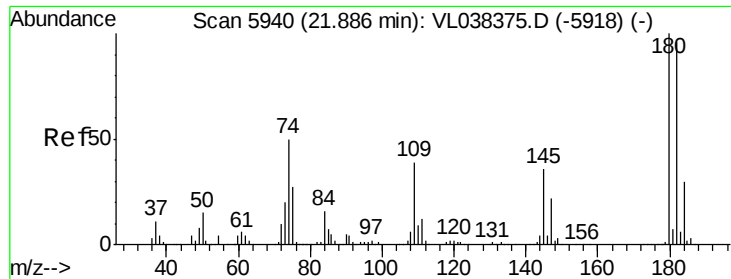
Reviewed By :Semsettin Yesilyurt 03/05/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
Naphthalene, 2-methyl-
Concen: 11.306 ppbv
RT: 24.93 min Scan# 6888
Delta R.T. -0.01 min
Lab File: VL038531.D
Acq: 4 Mar 2022 2:19

Tgt Ion:142 Resp: 280940
Ion Ratio Lower Upper
142 100
141 83.3 69.8 104.6
115 42.0 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 14.050 ppbv
 RT: 21.87
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 4 Mar 2022 2:19

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/05/2022
 Supervised By :Mahesh Dadoda 03/07/2022

