

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038055.D
 Acq On : 18 Nov 2021 15:46
 Operator : SY/AP
 Sample : VL1118ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL1118ABS01

Manual Integrations
 APPROVED

Quant Time: Nov 19 07:40:51 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	897597	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2658842	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	2450599m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1750711	9.90	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.06	85	1504435	10.147	ppbv 100
3) Chlorodifluoromethane	3.00	51	1691473	8.973	ppbv 100
4) Chloromethane	3.15	50	576672	8.987	ppbv 99
5) Vinyl Chloride	3.27	62	586139	9.311	ppbv 100
6) Bromomethane	3.49	94	312661	9.272	ppbv 100
7) Chloroethane	3.57	64	198182	8.871	ppbv 93
8) Dichlorotetrafluoroethane	3.20	85	1340079	9.086	ppbv 100
9) Propene	3.02	41	609318	8.777	ppbv 97
10) Heptane	8.13	43	1523194	8.878	ppbv 100
11) Trichlorofluoromethane	3.96	101	1248958	8.857	ppbv 99
12) 1,1,2-Trichlorotrifluoroet	4.49	101	874693	8.769	ppbv 99
13) Ethanol	3.62	45	53269m	7.940	ppbv
14) Bromoethene	3.75	108	405865	9.087	ppbv 99
15) Acetone	3.86	43	668709	8.593	ppbv 100
16) 1,3-Butadiene	3.34	39	550375	9.065	ppbv 99
17) tert-Butyl alcohol	4.29	59	850482	9.009	ppbv 99
18) 1,1-Dichloroethene	4.30	96	392489	8.578	ppbv 99
19) Isopropyl Alcohol	3.98	45	488604	8.689	ppbv 99
20) Methylene Chloride	4.35	84	324852	7.452	ppbv 96
21) Allyl Chloride	4.42	41	639658	8.880	ppbv 99
22) trans-1,2-Dichloroethene	4.90	96	413515	8.922	ppbv 97
23) Vinyl Acetate	5.08	43	1287176	11.426	ppbv 98
24) 1,1-Dichloroethane	5.02	63	831612	8.865	ppbv 99
25) Ethyl Acetate	5.69	43	2336267	9.033	ppbv 100
26) Hexane	5.69	57	1119213	8.978	ppbv 96
27) Carbon Disulfide	4.56	76	985320	8.823	ppbv 97
28) Methyl tert-Butyl Ether	5.04	73	981633	9.270	ppbv 100
29) Chloroform	5.76	83	1680557	9.147	ppbv 98
30) Cyclohexane	7.14	84	994249	8.785	ppbv 100
31) cis-1,2-Dichloroethene	5.56	61	1104873	9.317	ppbv 97
32) 1,1,1-Trichloroethane	6.52	97	1718726	9.217	ppbv 99
34) 2-Butanone	5.25	43	1058077	9.869	ppbv 100
35) Carbon Tetrachloride	7.03	117	1760096	9.422	ppbv 97
36) Benzene	6.90	78	2419361	9.122	ppbv 100
37) 1,2-Dichloroethane	6.31	62	1228100	9.587	ppbv 99
38) Trichloroethene	7.84	130	863576	8.632	ppbv 98
39) 1,2-Dichloropropane	7.62	63	936868	9.208	ppbv 97
40) 1,4-Dioxane	7.84	88	215561	8.132	ppbv # 1
41) Tetrahydrofuran	6.06	42	583687	8.770	ppbv 99
42) Bromodichloromethane	7.80	83	1846183	9.480	ppbv 99
43) Methyl Methacrylate	8.02	69	885868	9.763	ppbv 99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 19 07:40:51 2021
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	3871309	8.724	ppbv	100
45) t-1,3-Dichloropropene	9.28	75	775235	10.651	ppbv	99
46) cis-1,3-Dichloropropene	8.71	75	978476	9.939	ppbv	100
47) 1,1,2-Trichloroethane	9.48	97	967017	9.075	ppbv	97
48) Dibromochloromethane	10.31	129	1582886	9.755	ppbv	99
49) Bromoform	13.05	173	1195342	10.297	ppbv	99
50) 4-Methyl-2-Pentanone	8.75	43	1554074	9.545	ppbv	100
51) 2-Hexanone	10.14	43	729493	9.523	ppbv #	98
52) Tetrachloroethene	11.23	164	806214	8.215	ppbv	96
53) Toluene	9.81	91	2757532	9.036	ppbv	100
54) 1,2-Dibromoethane	10.62	107	1406458	9.345	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1017325	9.145	ppbv	99
57) Chlorobenzene	12.15	112	1955827	8.905	ppbv	97
58) Ethyl Benzene	12.72	91	3582102	8.844	ppbv	99
59) m/p-Xylene	13.00	91	5903530m	17.314	ppbv	
60) o-Xylene	13.70	91	2707101	8.559	ppbv	99
61) Styrene	13.54	104	1603514	9.456	ppbv	99
62) Isopropylbenzene	14.67	105	3862169	8.602	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	1969852	8.384	ppbv	99
64) n-propylbenzene	15.57	120	1040548	9.098	ppbv	98
65) tert-Butylbenzene	16.75	119	3332433	8.425	ppbv	100
66) Benzyl Chloride	16.99	91	189292	9.442	ppbv	99
67) sec-Butylbenzene	17.30	105	4741979	8.604	ppbv	100
69) p-Isopropyltoluene	17.66	119	3915389	9.081	ppbv	100
70) n-Butylbenzene	18.55	91	3912684	9.491	ppbv	100
71) 2-Chlorotoluene	15.46	91	2933038	8.935	ppbv	100
72) 4-Ethyltoluene	15.84	105	3370073	9.190	ppbv	99
73) 1,3,5-Trimethylbenzene	16.00	105	2994031	8.939	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	3057205	8.858	ppbv	94
75) 1,3-Dichlorobenzene	17.00	146	1765800	9.315	ppbv	99
76) 1,4-Dichlorobenzene	17.14	146	1729046	9.063	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	1710809	9.320	ppbv	100
78) Hexachloro-1,3-Butadiene	23.38	225	1018048	8.883	ppbv	98
79) Naphthalene	22.20	128	2091962	11.509	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	490804	12.600	ppbv	96
81) 1,2,4-Trichlorobenzene	21.93	180	1113229	10.658	ppbv	99

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

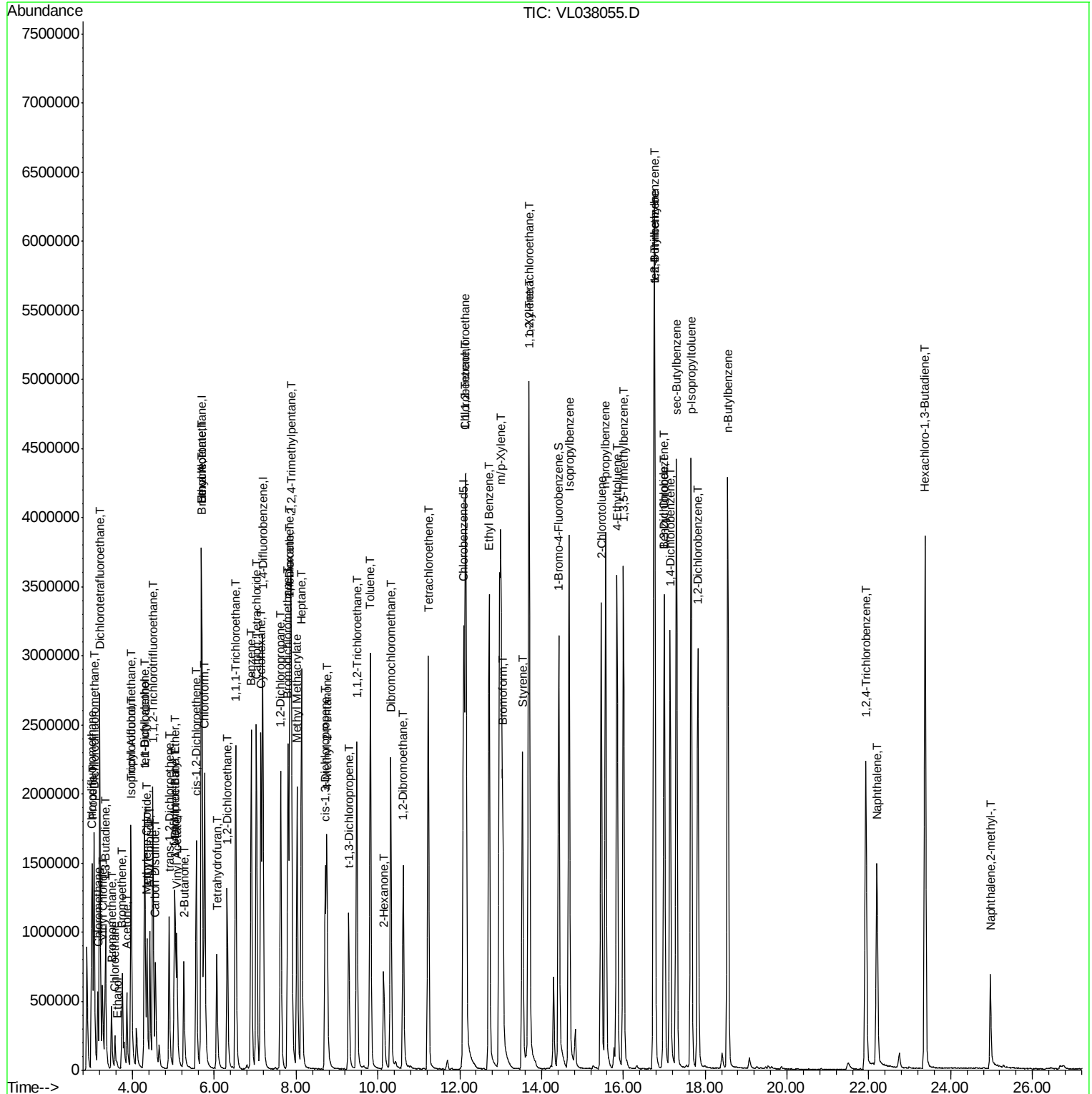
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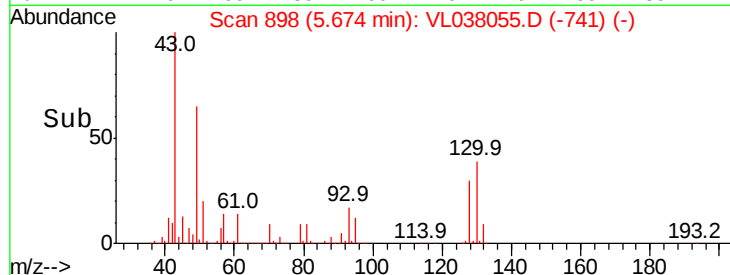
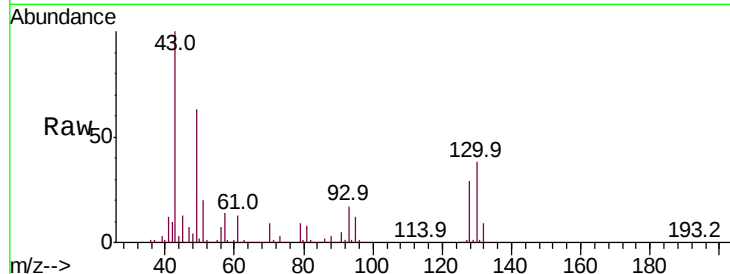
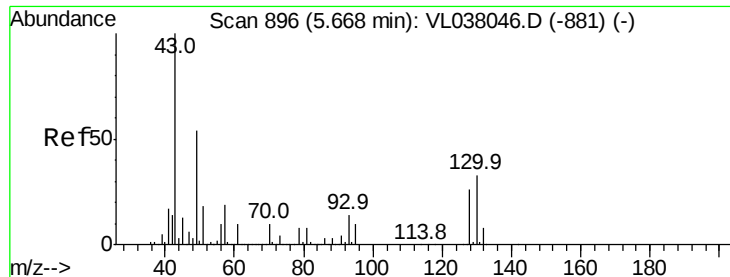
Instrument :
MSVOA_L
ClientSampleId :
VL1118ABS01

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:40

Tot Ion:

Ion Ratio

49 100

128 52.

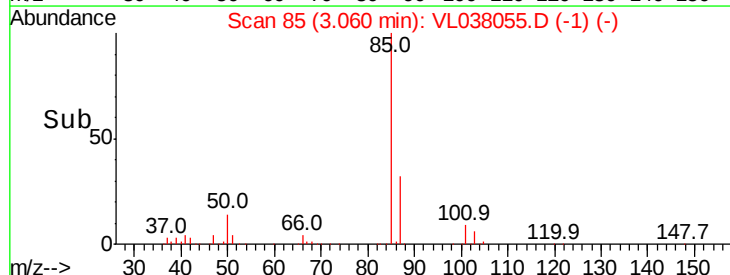
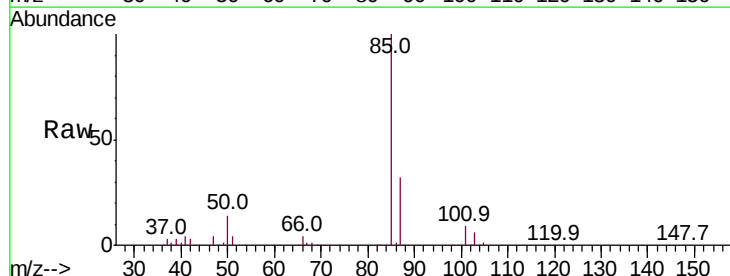
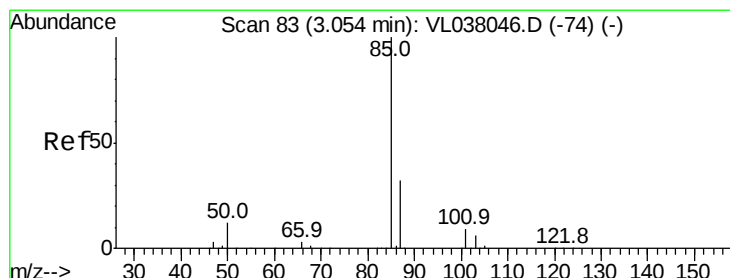
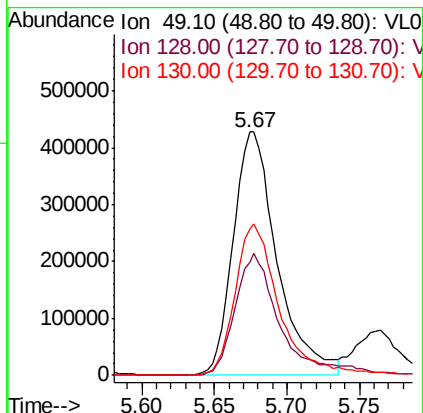
130 63.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 10.147 ppbv

RT: 3.06 min Scan# 85

Delta R.T. 0.01 min

Lab File: VL038055.D

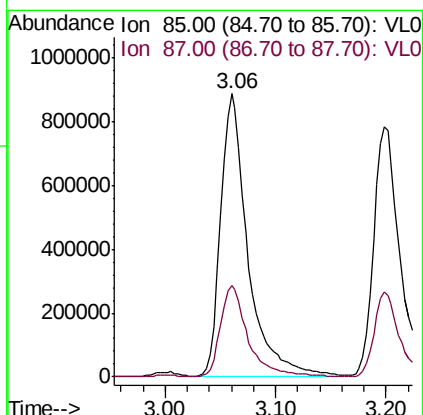
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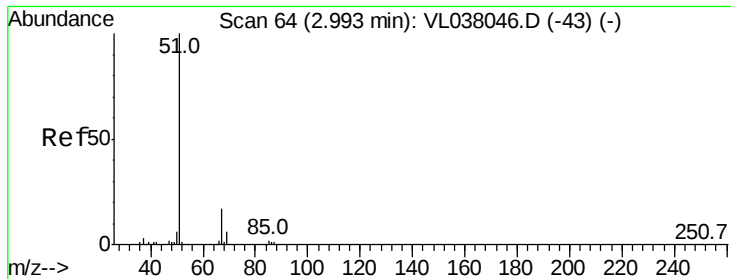
Tgt Ion: 85 Resp: 1504435

Ion Ratio Lower Upper

85 100

87 32.1 25.8 38.6





#3

Chlorodifluoromethane

Concen: 8.973 ppbv

RT: 3.00 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1118ABS01

Acq: 18 Nov 2021 15:46

Tot Ion:

Ion Ratio

51 100

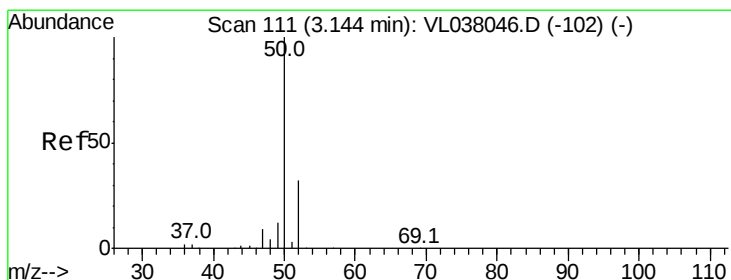
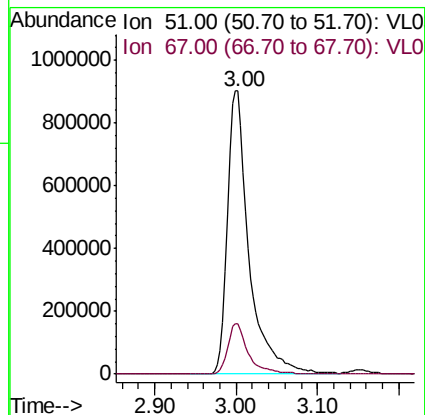
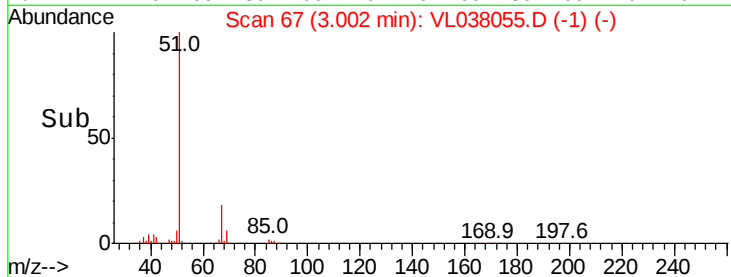
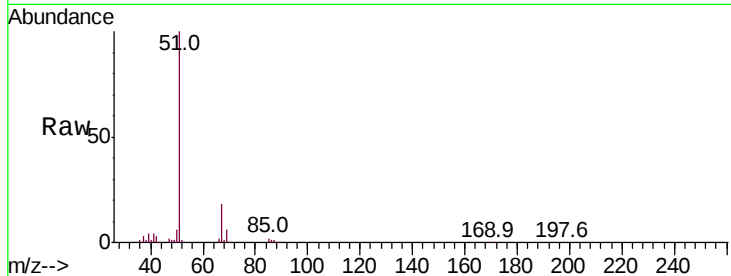
67 17.

Manual Integrations

APPROVED

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#4

Chloromethane

Concen: 8.987 ppbv

RT: 3.15 min Scan# 114

Delta R.T. 0.01 min

Lab File: VL038055.D

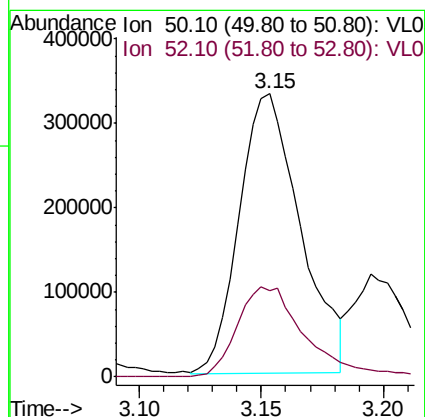
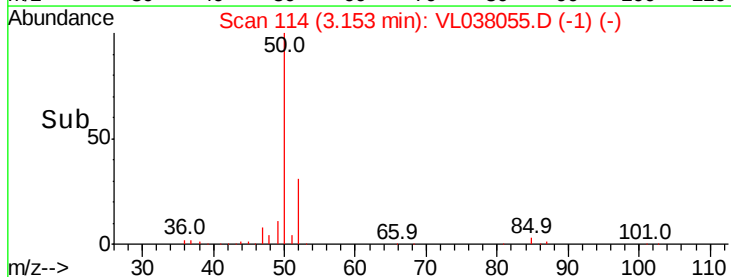
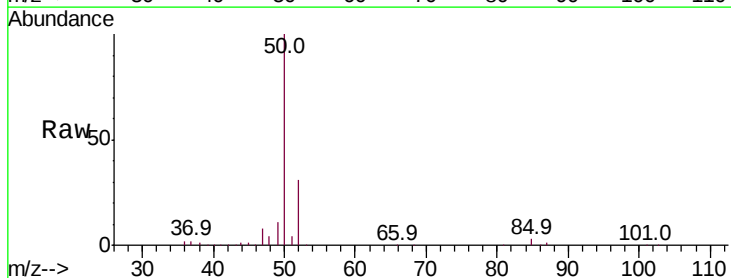
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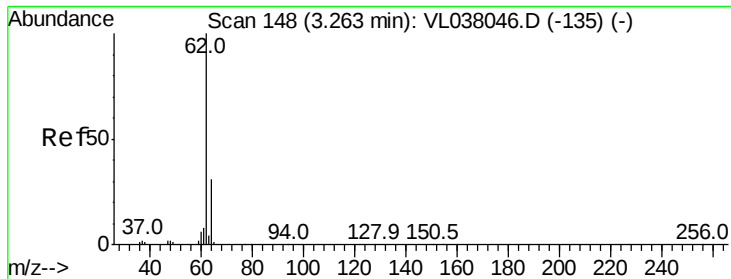
Tgt Ion: 50 Resp: 576672

Ion Ratio Lower Upper

50 100

52 31.0 25.4 38.0





#5

Vinyl Chloride

Concen: 9.311 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

62 100

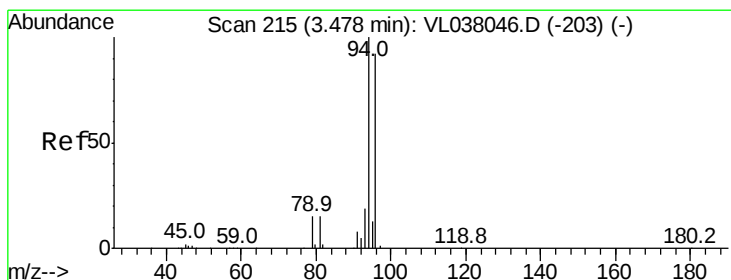
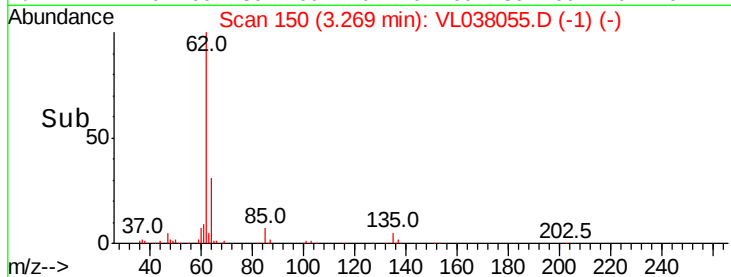
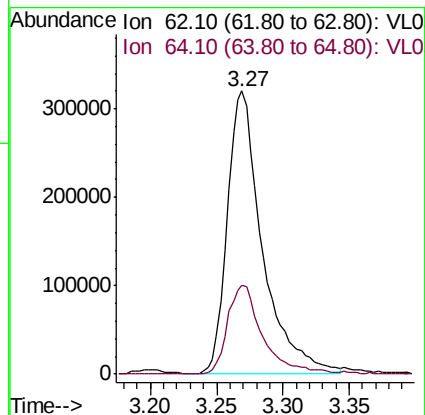
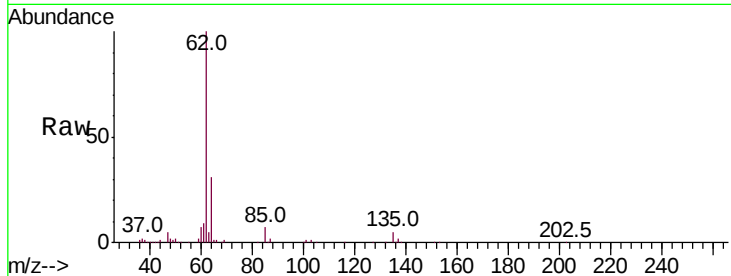
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 9.272 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL038055.D

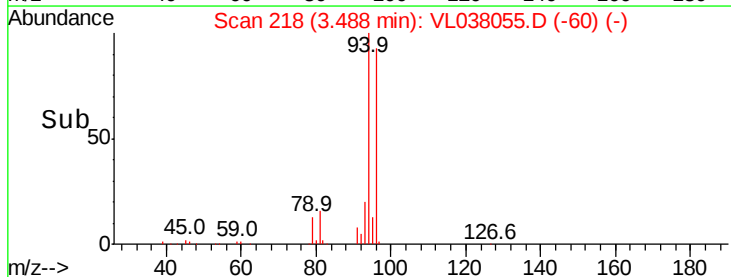
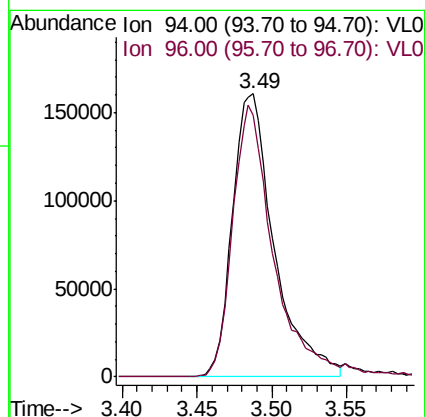
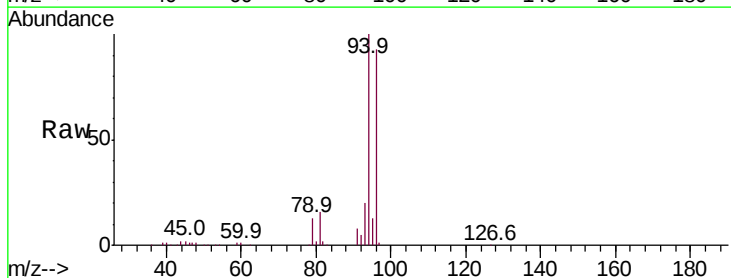
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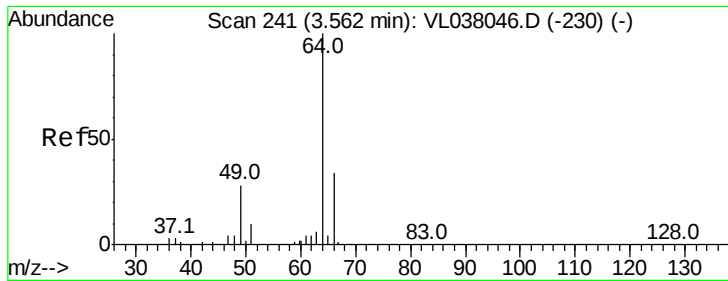
Tgt Ion: 94 Resp: 312661

Ion Ratio Lower Upper

94 100

96 92.6 73.9 110.9





#7

Chloroethane

Concen: 8.871 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

64 100

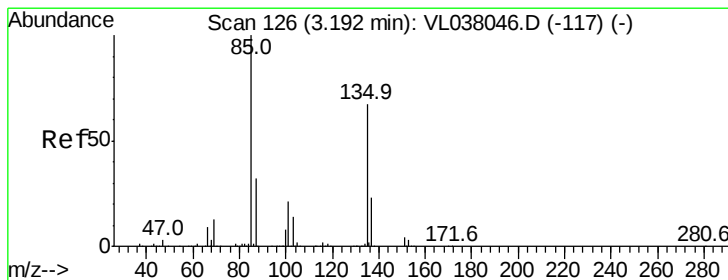
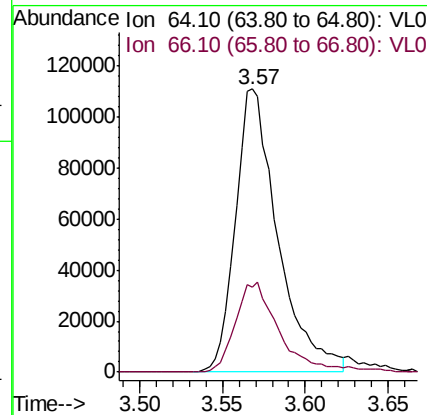
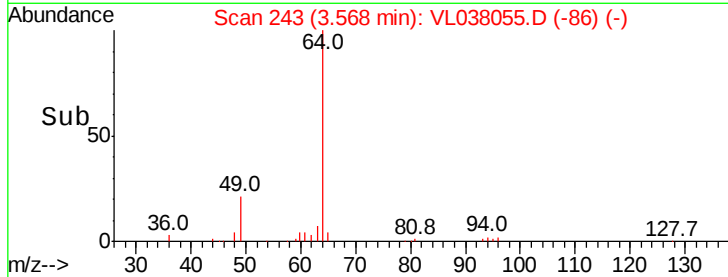
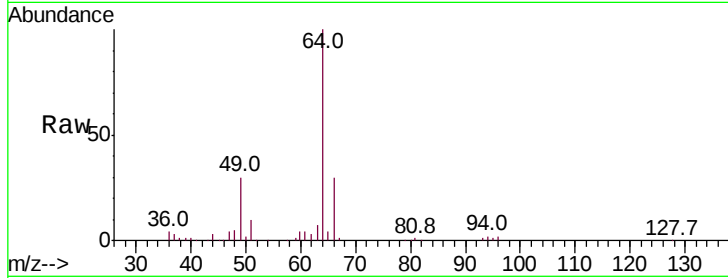
66 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.086 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.01 min

Lab File: VL038055.D

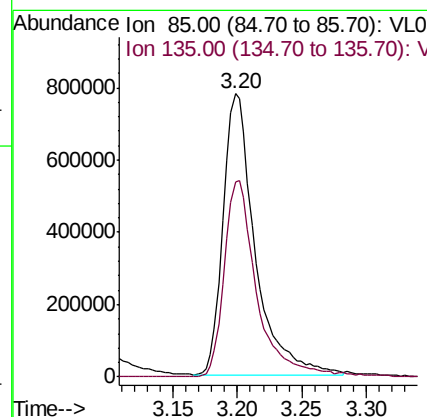
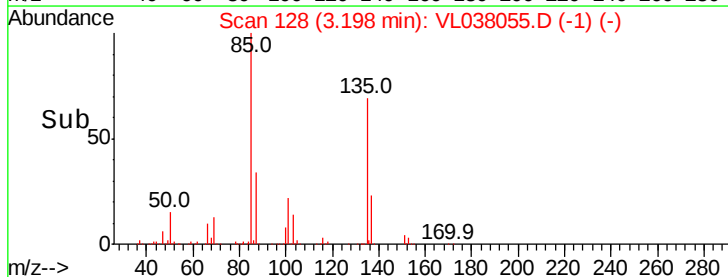
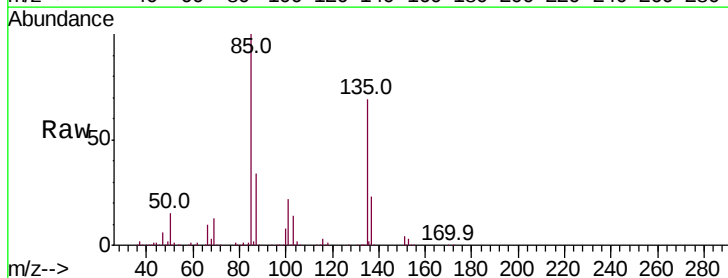
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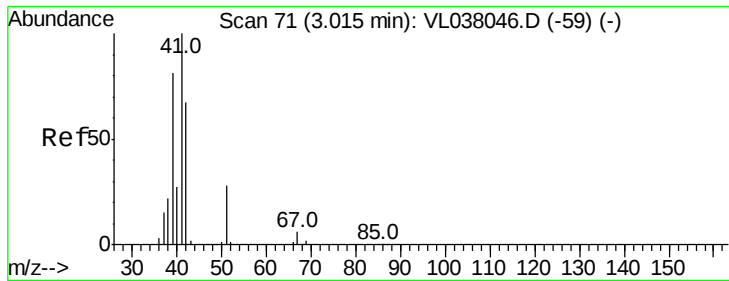
Tgt Ion: 85 Resp: 1340079

Ion Ratio Lower Upper

85 100

135 72.4 57.9 86.9



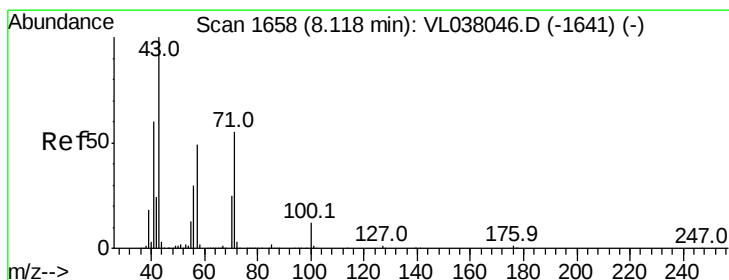
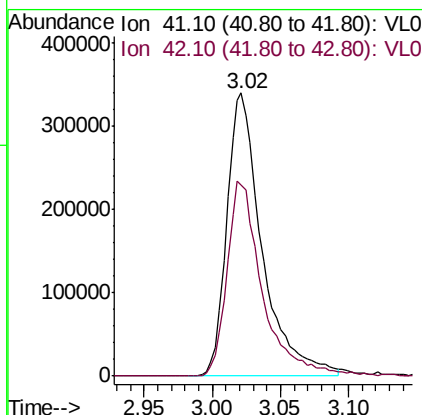
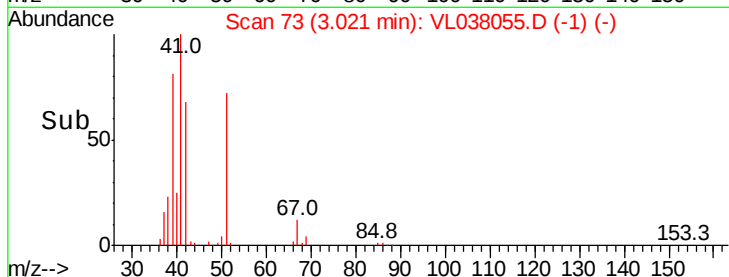
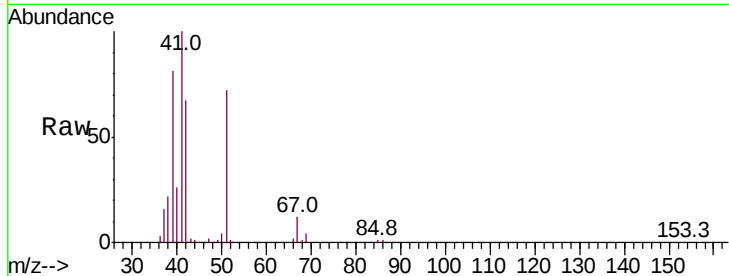


#9
Propene
Concen: 8.777 ppbv
RT: 3.02
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL1118ABS01
Acq: 18 Nov 2021 15:48

Tot Ion:
Ion Ratio
41 100
42 70.

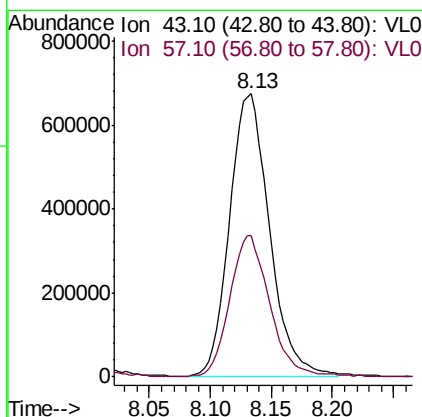
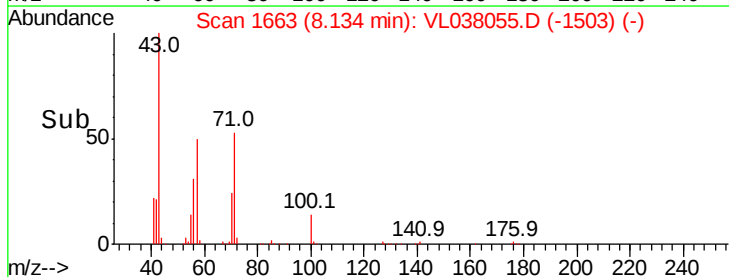
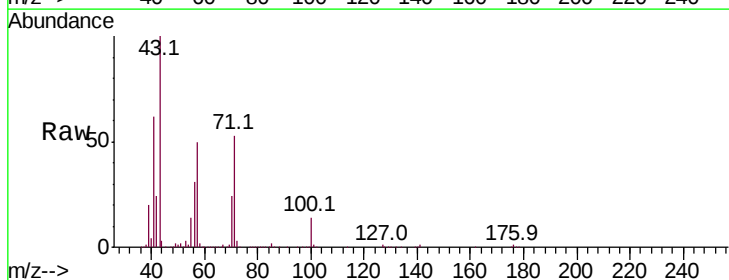
Manual Integrations
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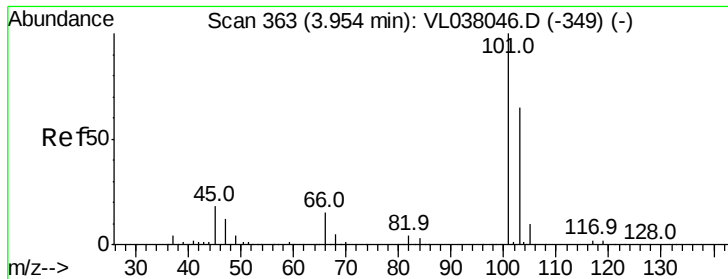
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#10
Heptane
Concen: 8.878 ppbv
RT: 8.13 min Scan# 1663
Delta R.T. 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 43 Resp: 1523194
Ion Ratio Lower Upper
43 100
57 50.4 40.4 60.6



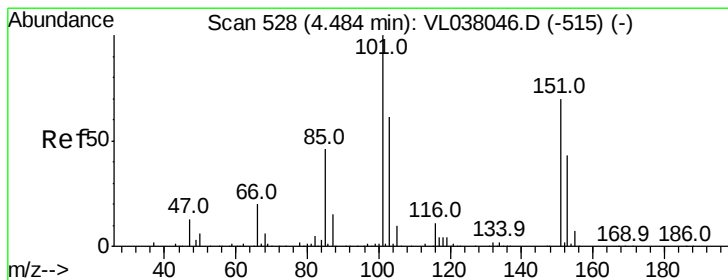
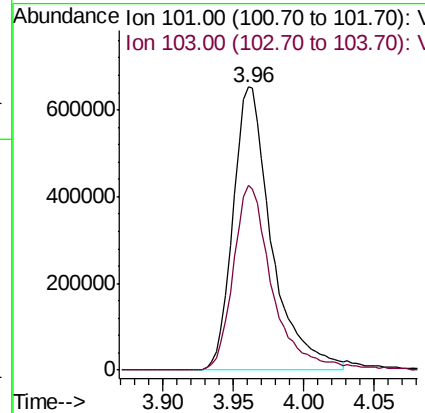
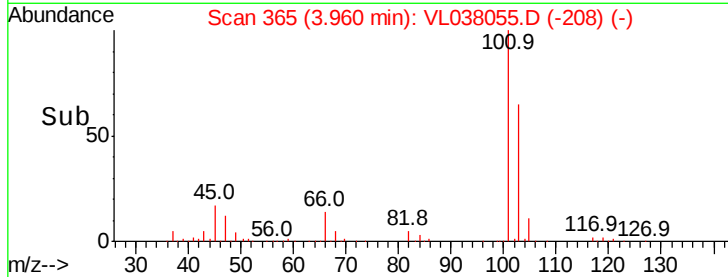
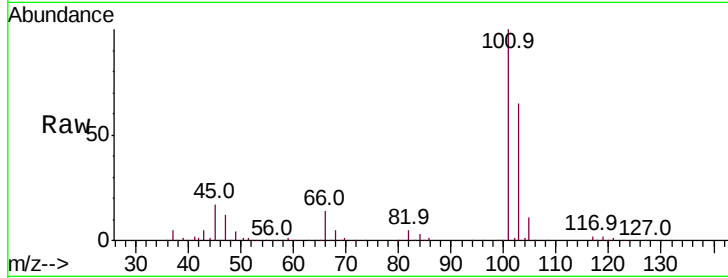


#11
 Trichlorofluoromethane
 Concen: 8.857 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL1118ABS01
 Acq: 18 Nov 2021 15:48

Tot Ion:1
 Ion Rati
 101 100
 103 65.

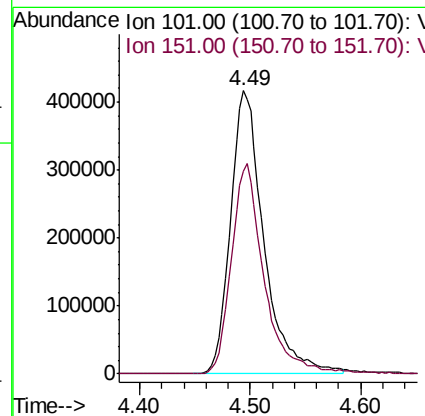
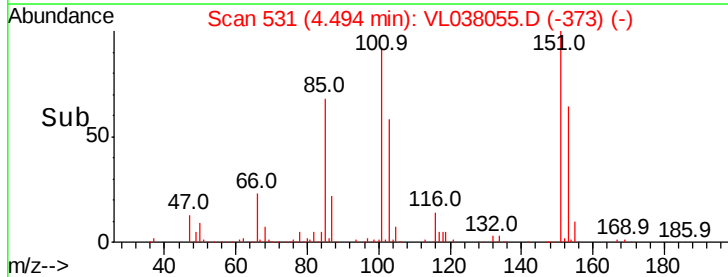
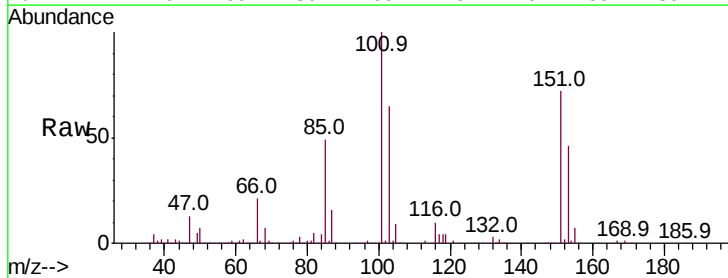
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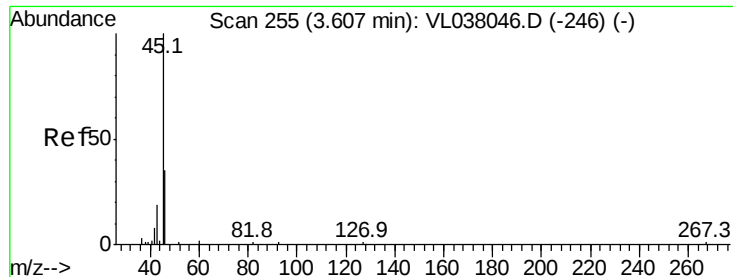
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.769 ppbv
 RT: 4.49 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion:101 Resp: 874693
 Ion Ratio Lower Upper
 101 100
 151 73.0 59.0 88.4



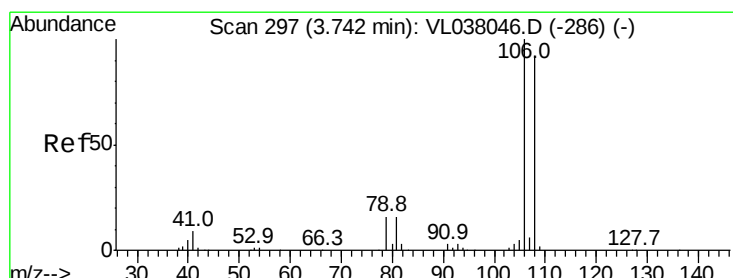
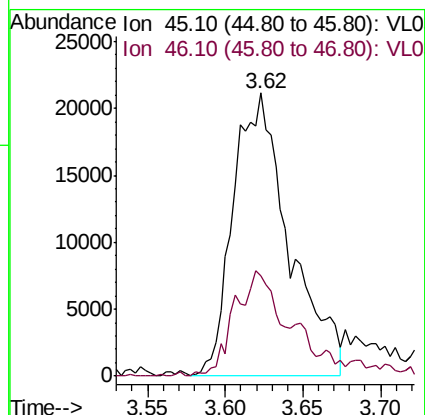
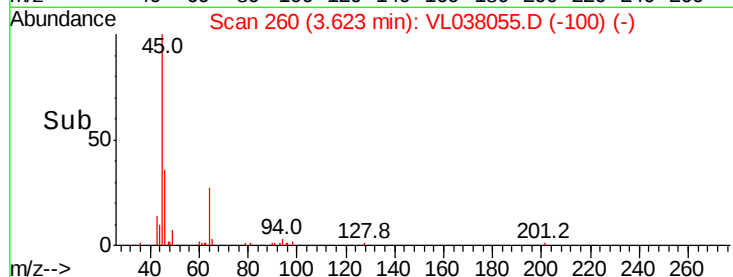
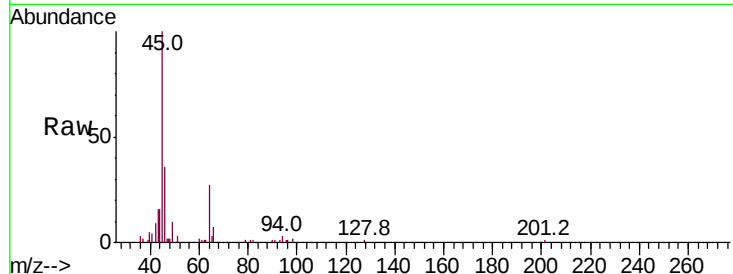


#13
Ethanol
Concen: 7.940 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 18 Nov 2021 15:40

Tot Ion:
Ion Ratio
45 100
46 0.

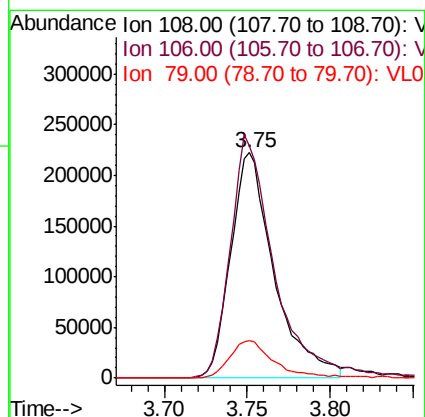
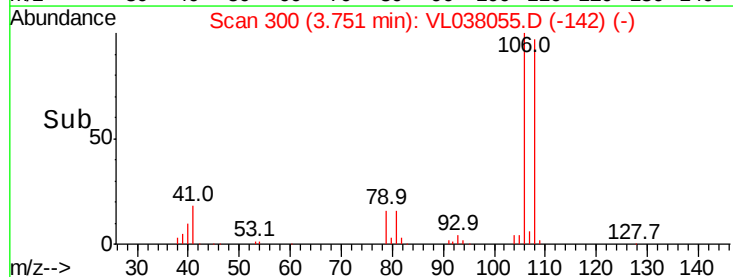
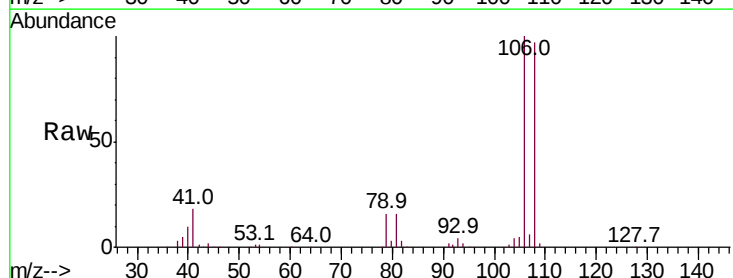
Manual Integrations
APPROVED

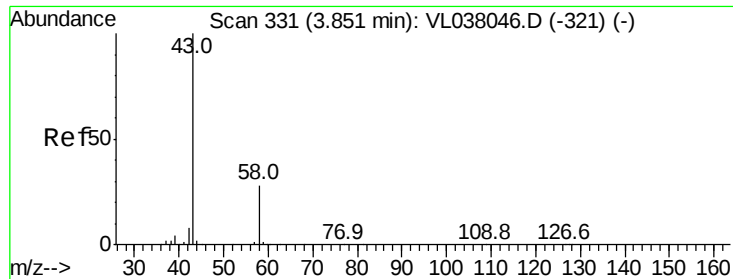
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Bromoethene
Concen: 9.087 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion:108 Resp: 405865
Ion Ratio Lower Upper
108 100
106 110.9 89.4 134.0
79 17.8 14.1 21.1





#15

Acetone

Concen: 8.593 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:46

Tot Ion:

Ion Ratio

43 100

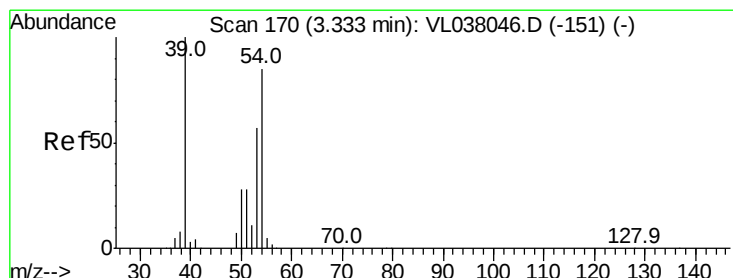
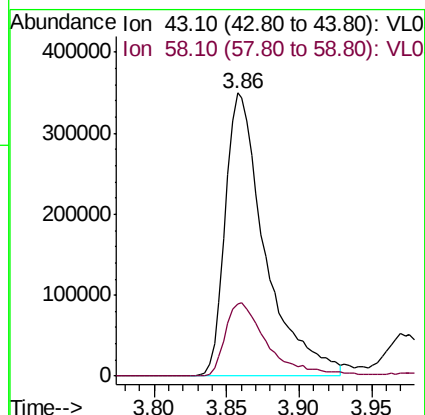
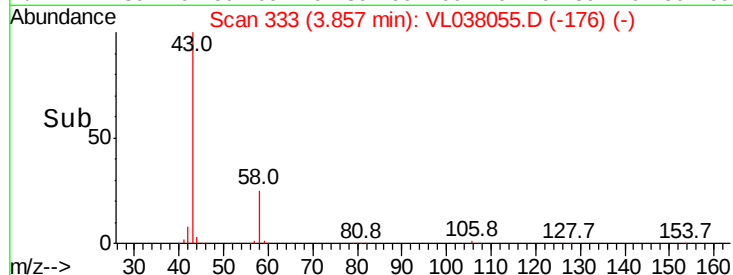
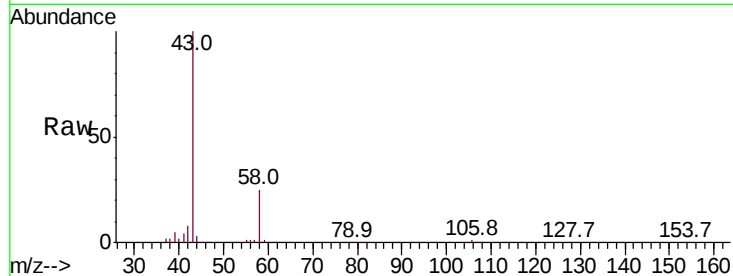
58 27.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#16

1,3-Butadiene

Concen: 9.065 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.01 min

Lab File: VL038055.D

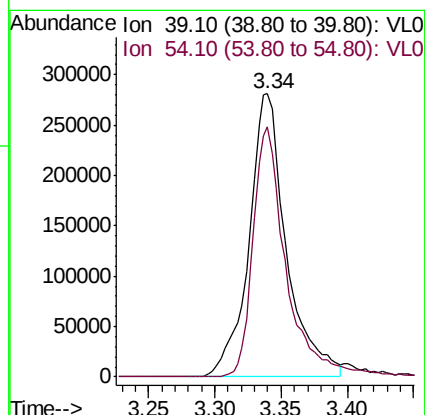
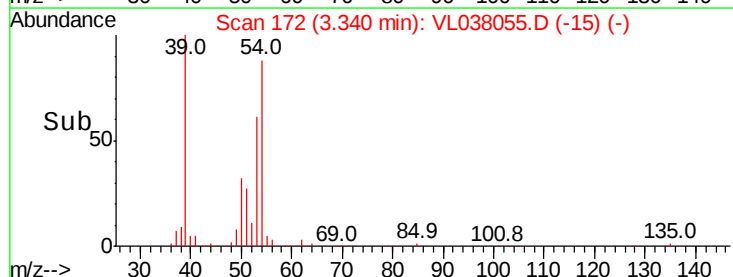
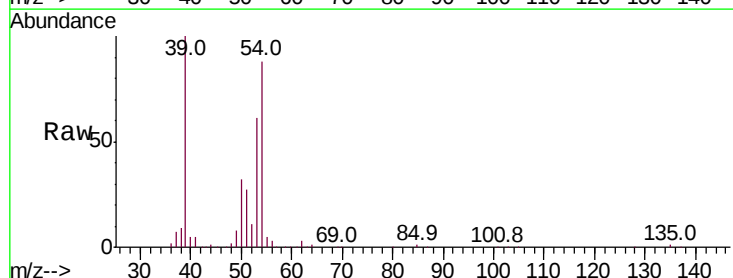
Acq: 18 Nov 2021 15:46

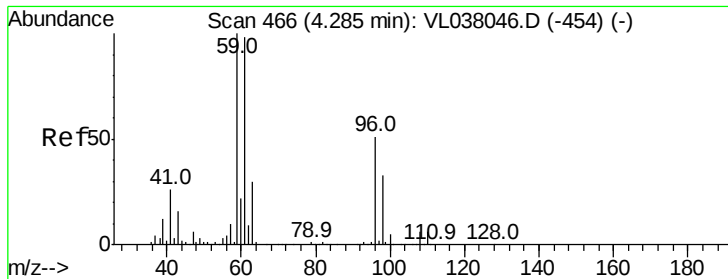
Tgt Ion: 39 Resp: 550375

Ion Ratio Lower Upper

39 100

54 79.7 64.4 96.6





#17

tert-Butyl alcohol

Concen: 9.009 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL1118ABS01

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

59 100

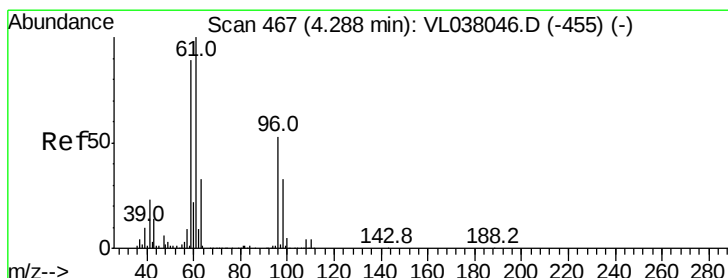
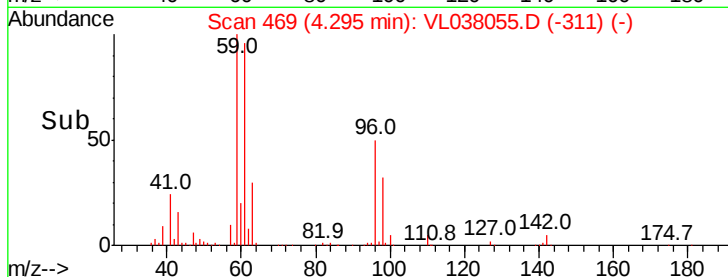
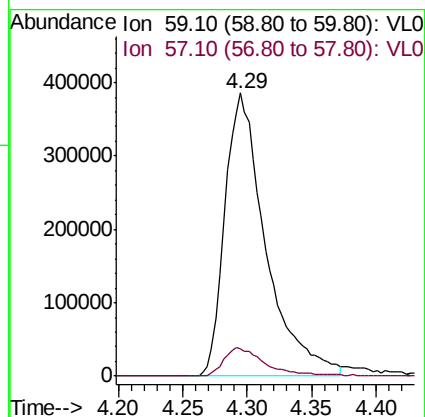
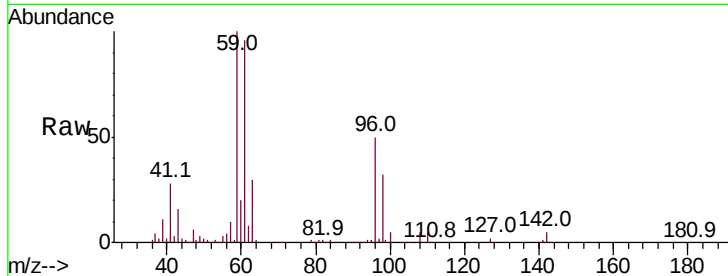
57 10.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#18

1,1-Dichloroethene

Concen: 8.578 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

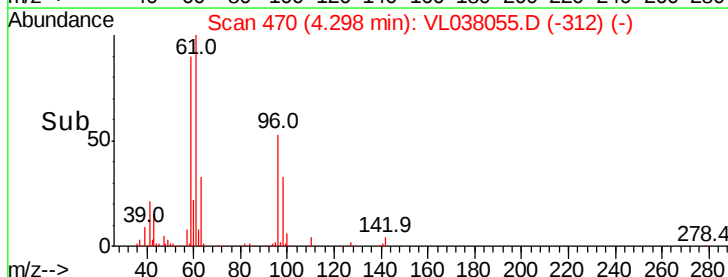
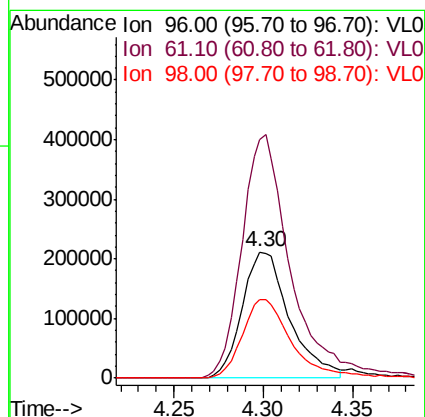
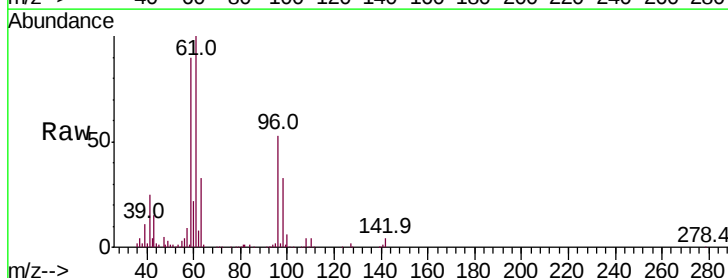
Tgt Ion: 96 Resp: 392489

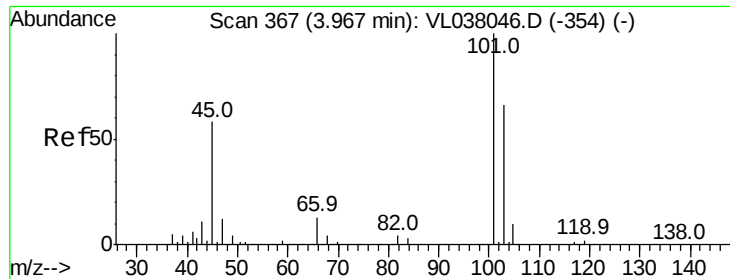
Ion Ratio Lower Upper

96 100

61 189.1 149.8 224.8

98 62.5 50.2 75.2



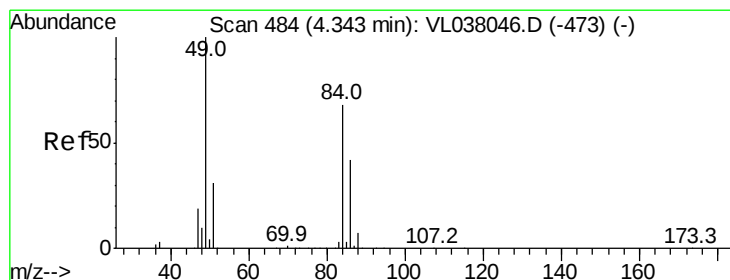
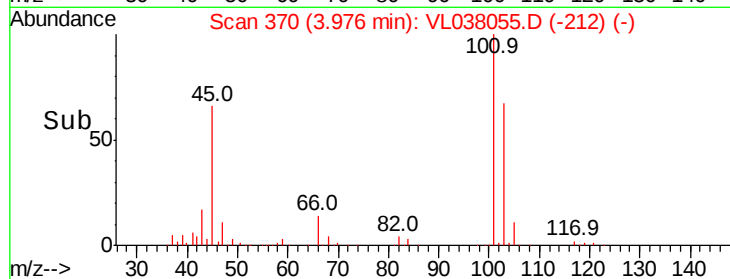
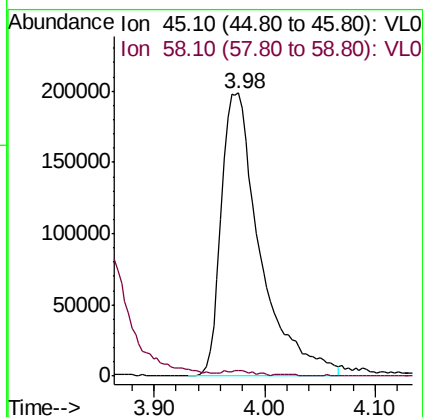
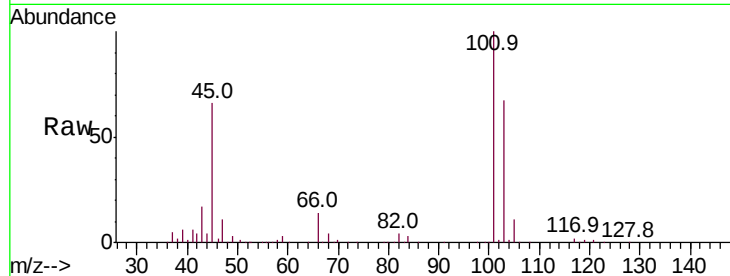


#19
Isopropyl Alcohol
Concen: 8.689 ppbv
RT: 3.98 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1118ABS01
Acq: 18 Nov 2021 15:46

Tot Ion:
Ion Ratio
45 100
58 1.

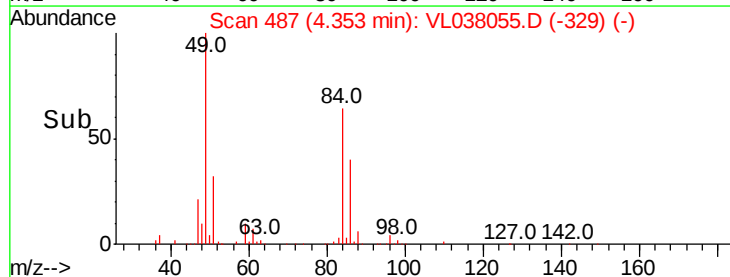
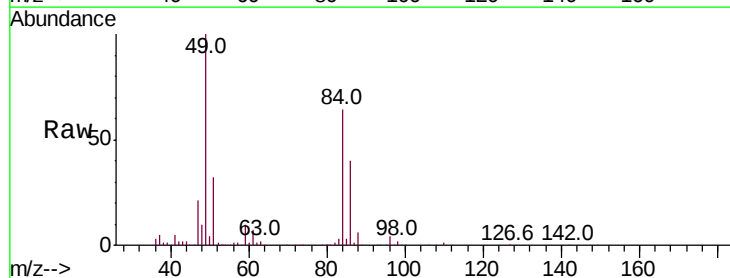
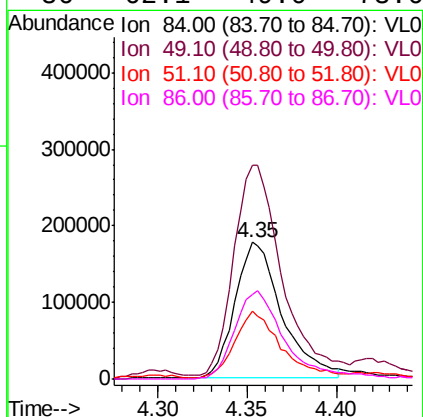
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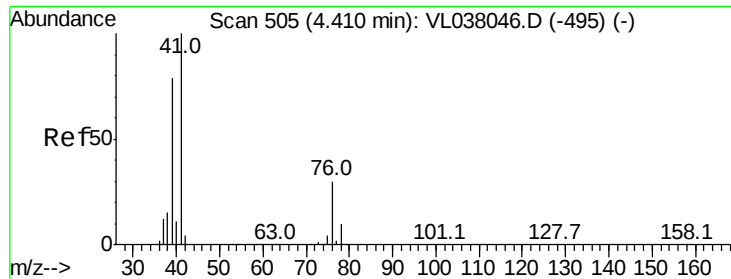
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#20
Methylene Chloride
Concen: 7.452 ppbv
RT: 4.35 min Scan# 487
Delta R.T.: 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 84 Resp: 324852
Ion Ratio Lower Upper
84 100
49 154.3 118.2 177.2
51 48.7 36.8 55.2
86 62.1 49.0 73.6



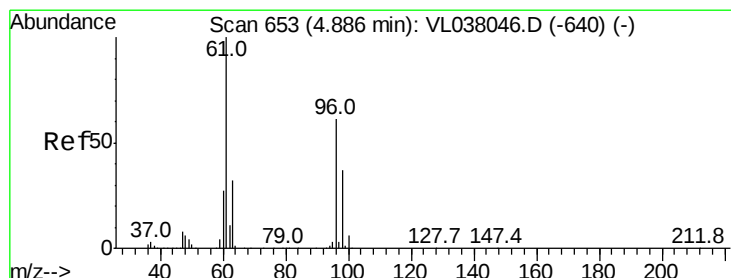
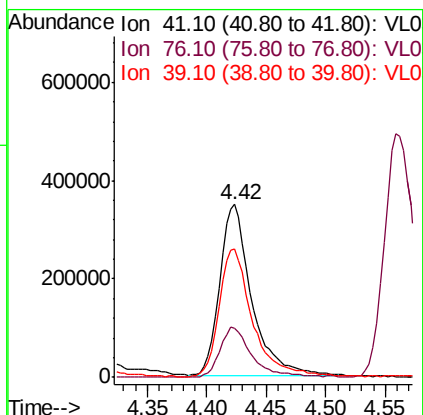
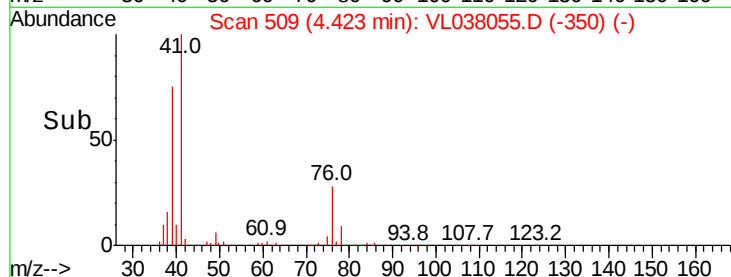
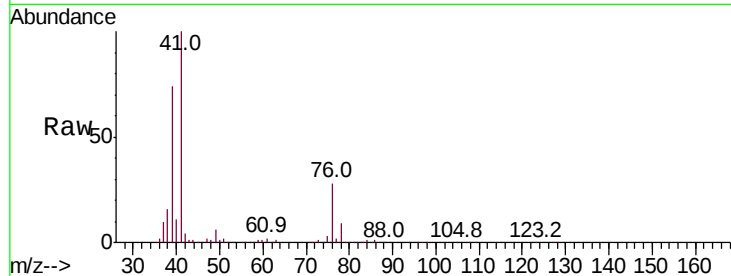


#21
Allvl Chloride
Concen: 8.880 ppbv
RT: 4.42
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1118ABS01
Acq: 18 Nov 2021 15:48

Tot Ion:
Ion Rati
41 100
76 30.
39 78.

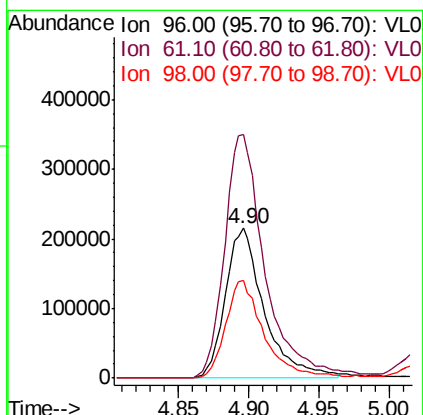
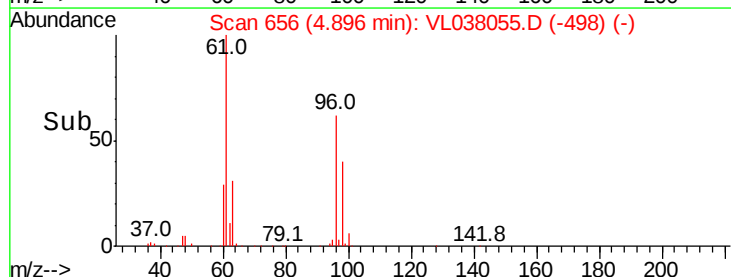
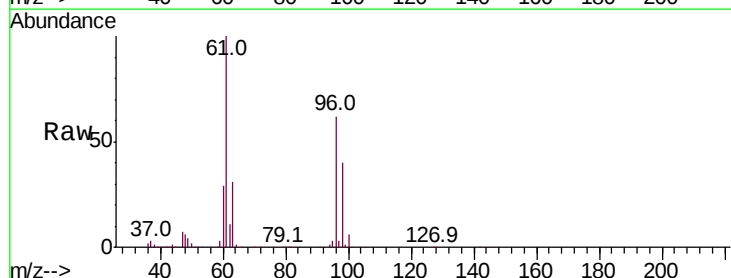
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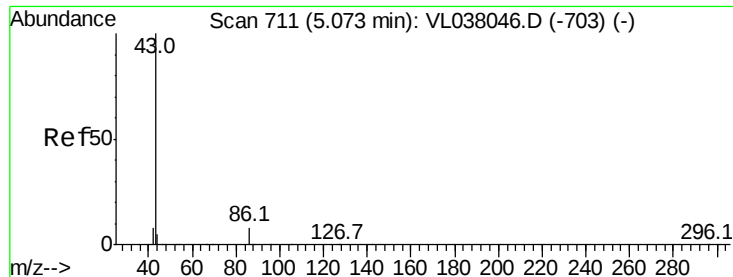
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 8.922 ppbv
RT: 4.90 min Scan# 656
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 96 Resp: 413515
Ion Ratio Lower Upper
96 100
61 162.3 131.6 197.4
98 65.1 48.4 72.6





#23

Vinyl Acetate

Concen: 11.426 ppbv

RT: 5.08 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:46 VL1118ABS01

Tot Ion:

Ion Ratio

43 100

86 7.

42 10.

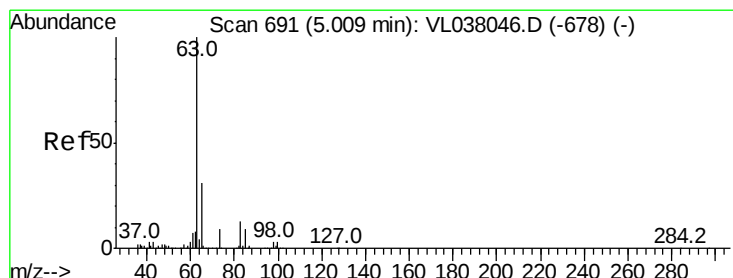
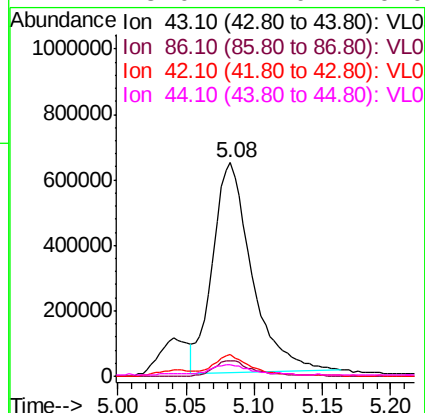
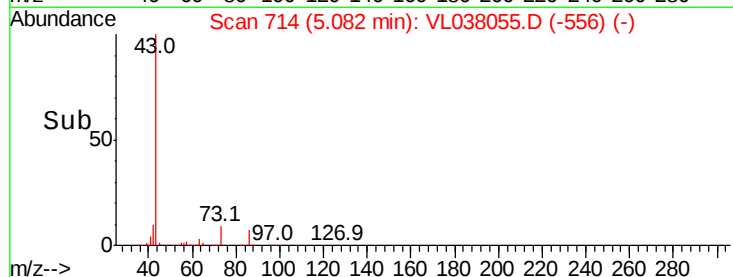
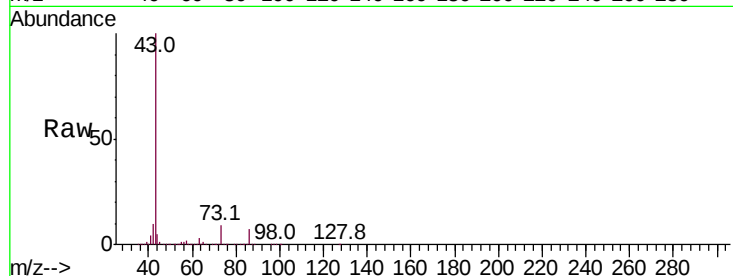
44 5.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 8.865 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

Tgt Ion: 63 Resp: 831612

Ion Ratio Lower Upper

63 100

98 3.9

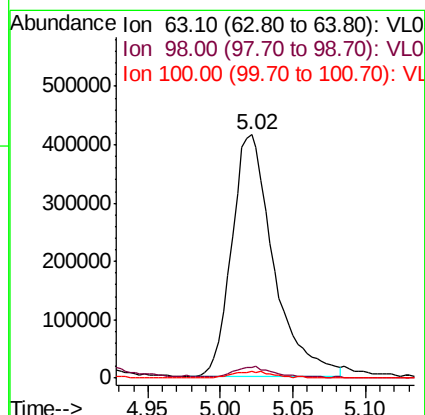
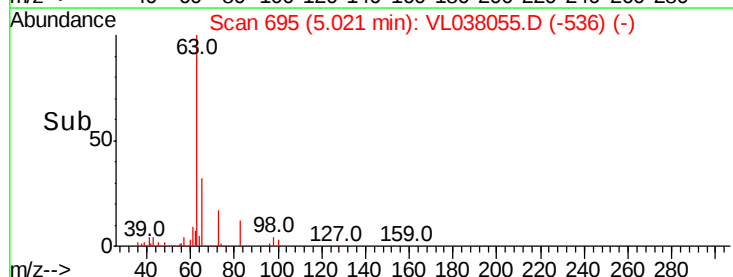
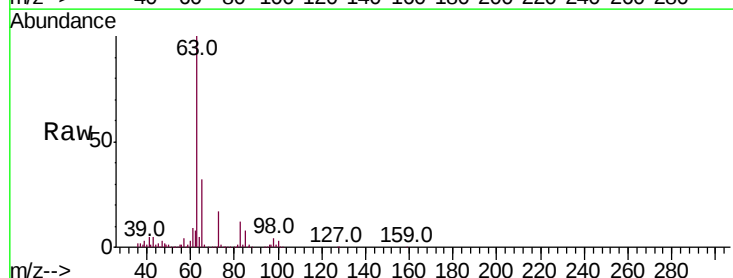
100 2.7

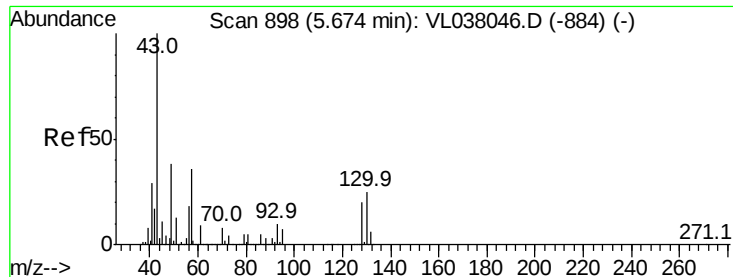
1.8

5.4

1.4

4.0



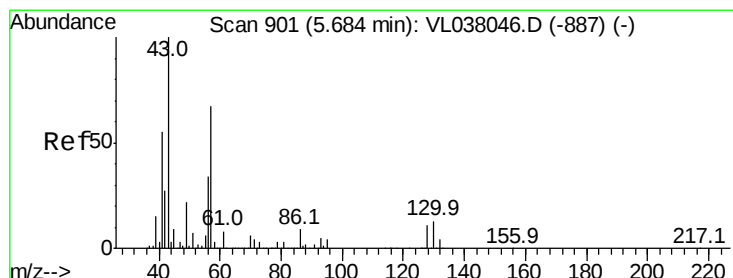
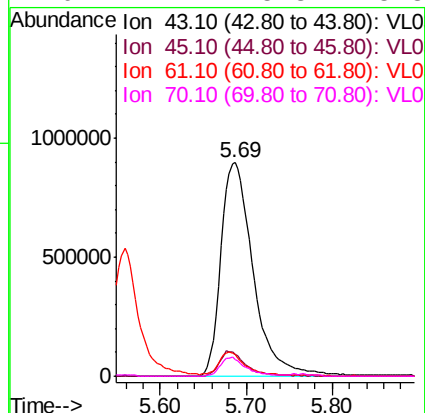
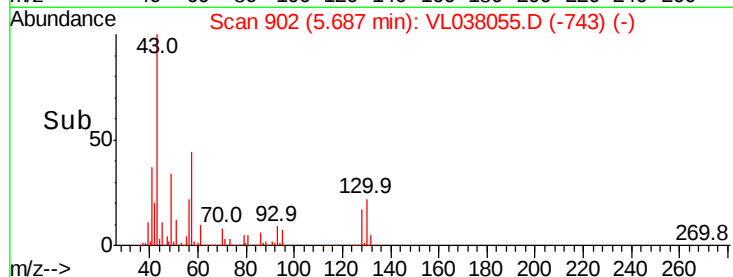
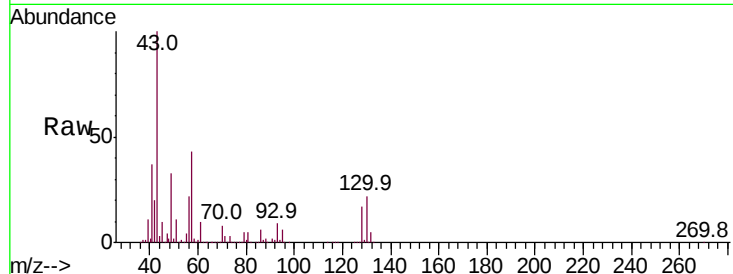


#25
Ethyl Acetate
Concen: 9.033 ppbv
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1118ABS01
Acq: 18 Nov 2021 15:40

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 7.2 5.8 8.8

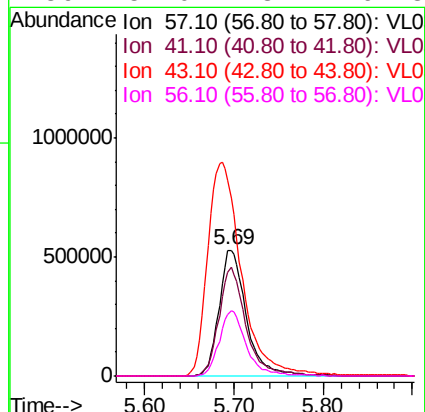
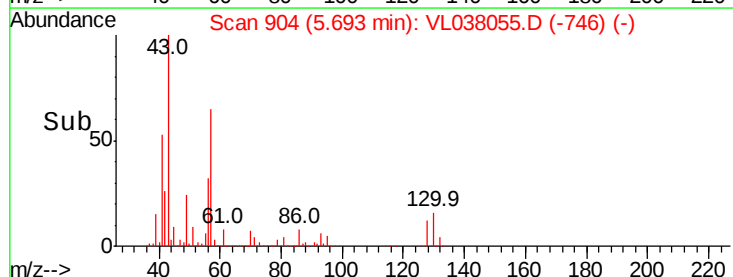
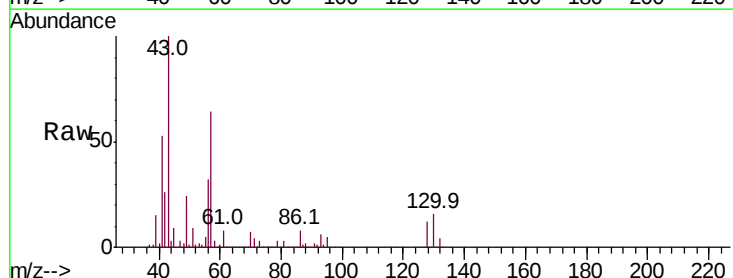
Manual Integrations
APPROVED

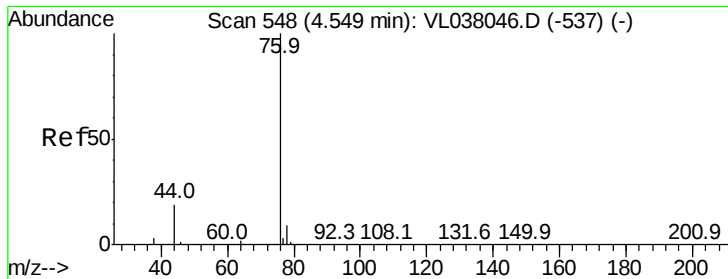
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 8.978 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 57 Resp: 1119213
Ion Ratio Lower Upper
57 100
41 86.3 71.4 107.2
43 211.0 174.6 261.8
56 52.0 43.2 64.8





#27

Carbon Disulfide

Concen: 8.823 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL1118ABS01

Acq: 18 Nov 2021 15:46

Tot Ion:

Ion Ratio

76 100

44 20.

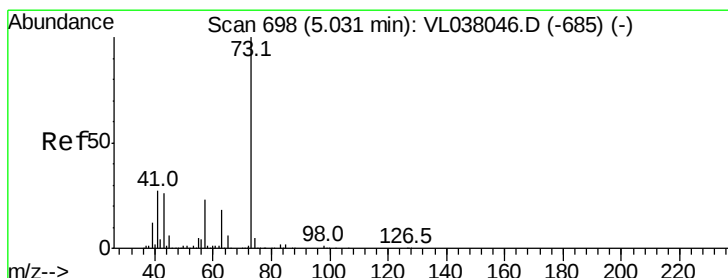
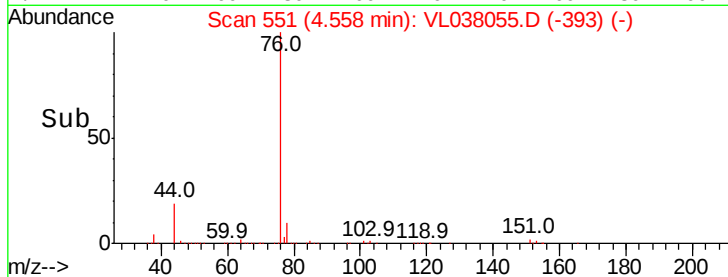
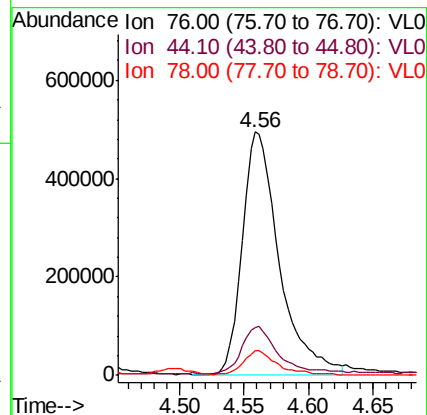
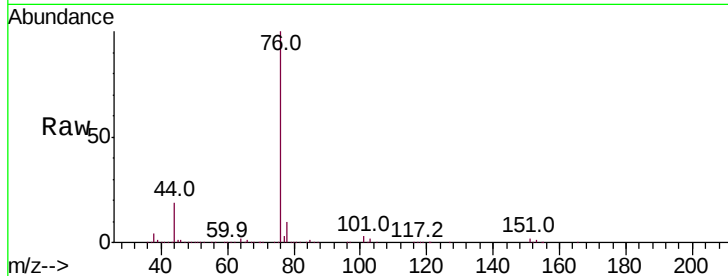
78 10.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#28

Methyl tert-Butyl Ether

Concen: 9.270 ppbv

RT: 5.04 min Scan# 701

Delta R.T. 0.01 min

Lab File: VL038055.D

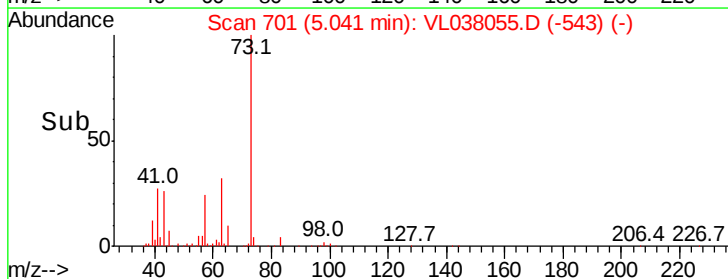
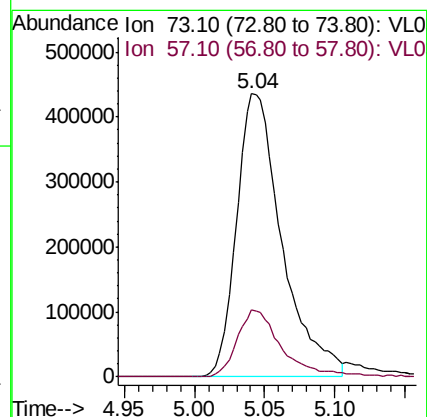
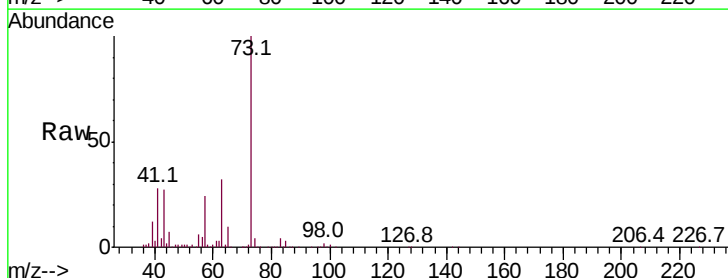
Acq: 18 Nov 2021 15:46

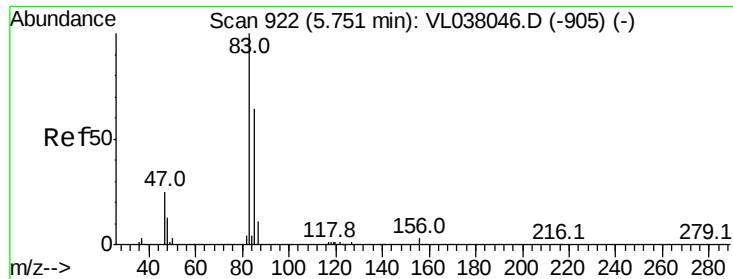
Tgt Ion: 73 Resp: 981633

Ion Ratio Lower Upper

73 100

57 23.9 19.0 28.4





#29

Chloroform

Concen: 9.147 ppbv

RT: 5.76

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

83 100

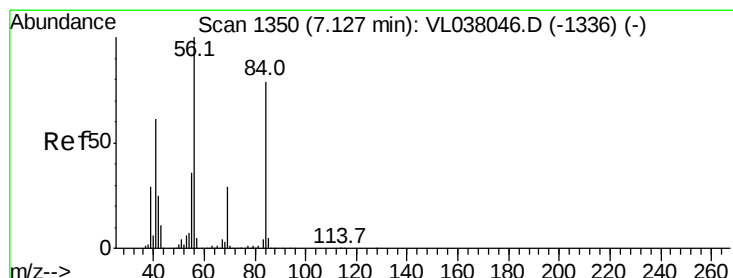
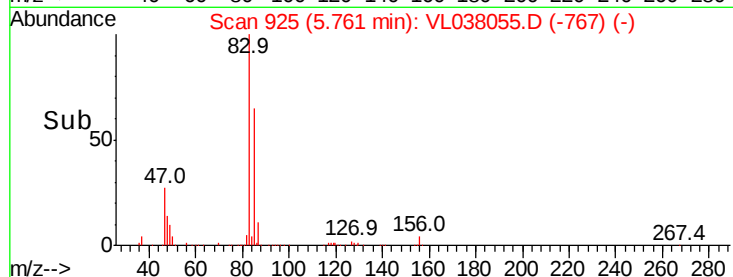
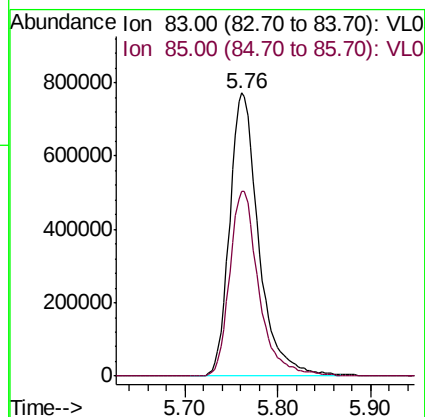
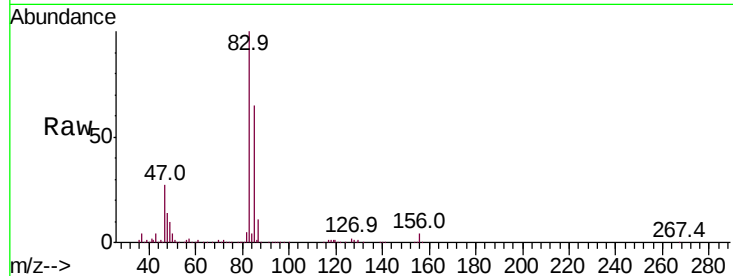
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#30

Cyclohexane

Concen: 8.785 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

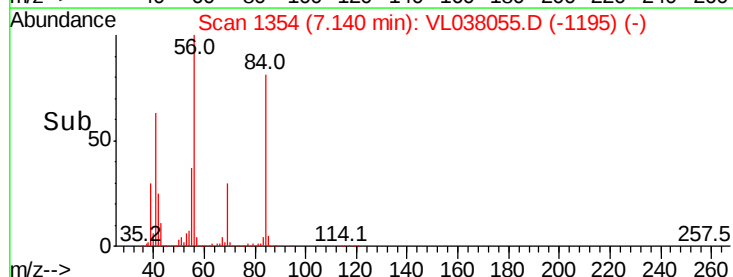
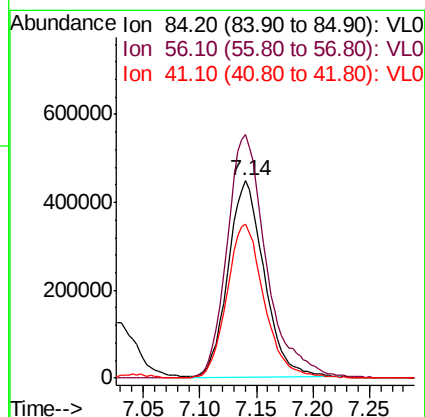
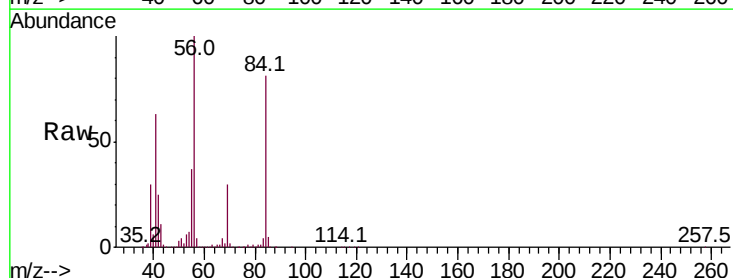
Tgt Ion: 84 Resp: 994249

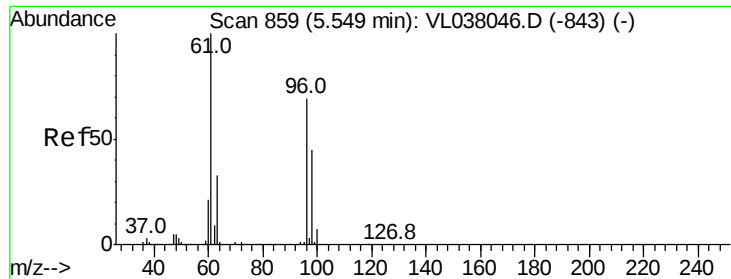
Ion Ratio Lower Upper

84 100

56 135.6 108.1 162.1

41 81.1 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.317 ppbv

RT: 5.56

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

61 100

96 65.

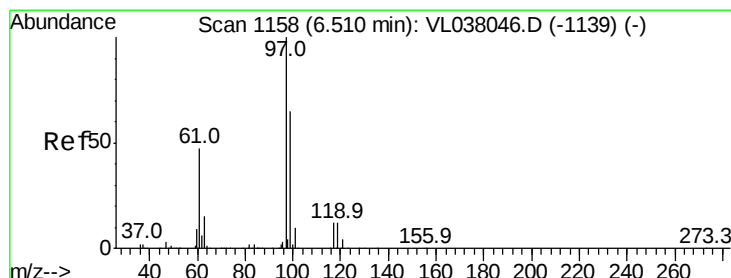
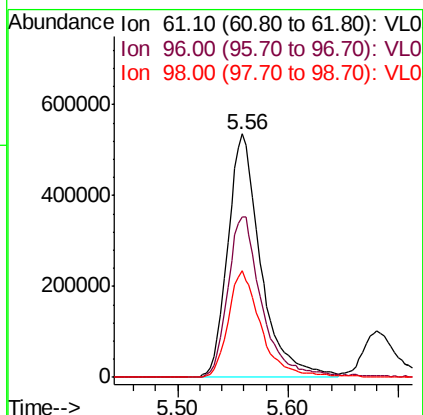
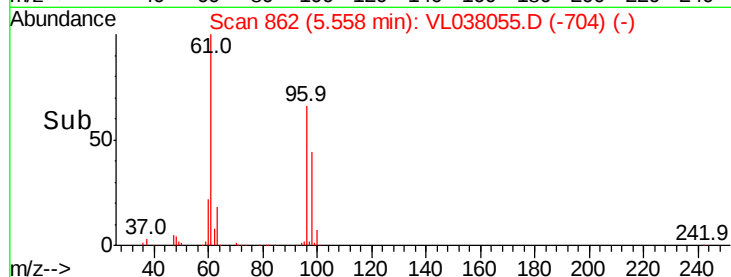
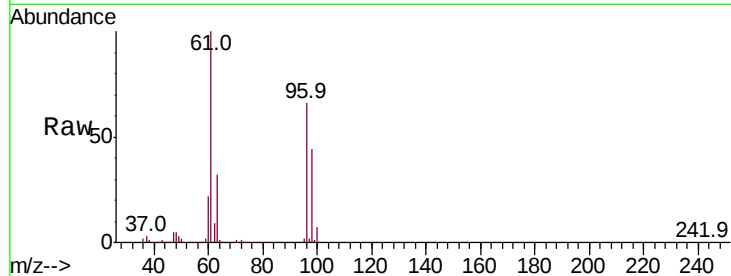
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.217 ppbv

RT: 6.52 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

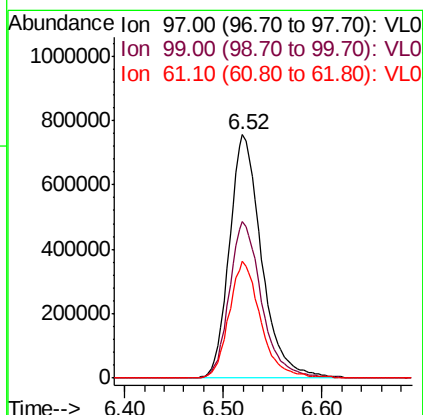
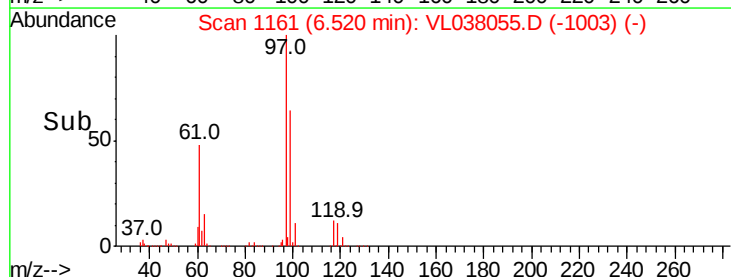
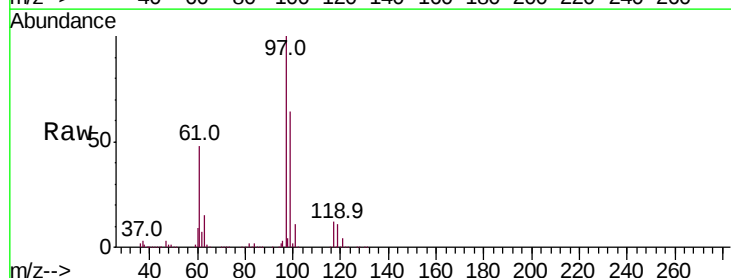
Tgt Ion: 97 Resp: 1718726

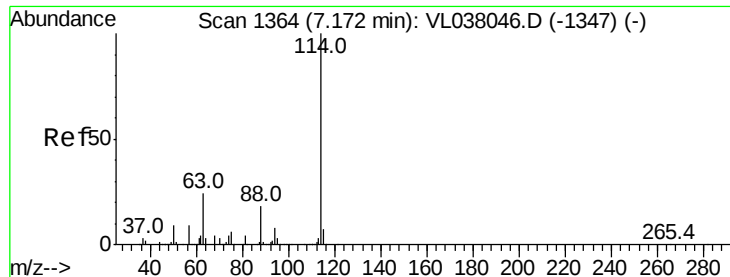
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.4

61 47.4 37.7 56.5



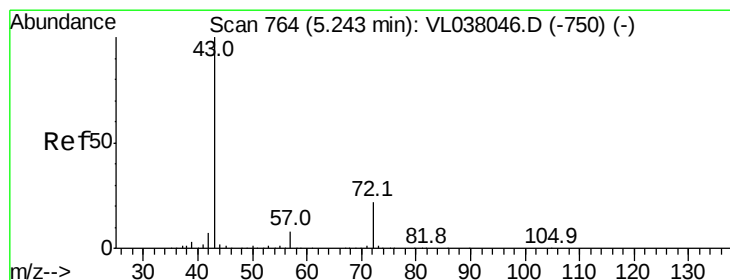
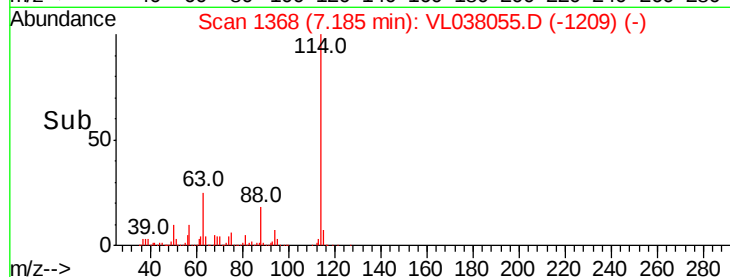
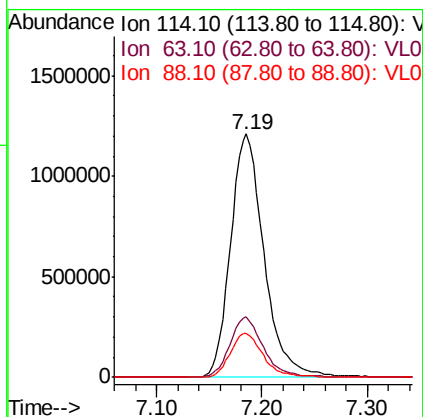
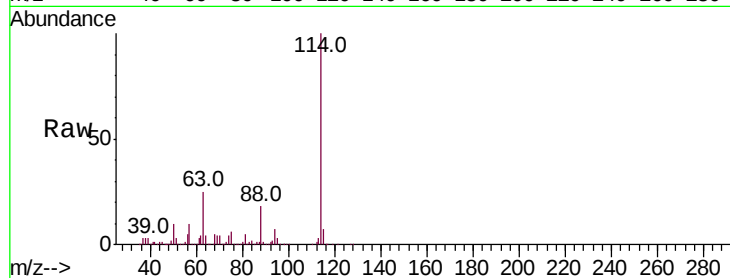


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1118ABS01
 Acq: 18 Nov 2021 15:48

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

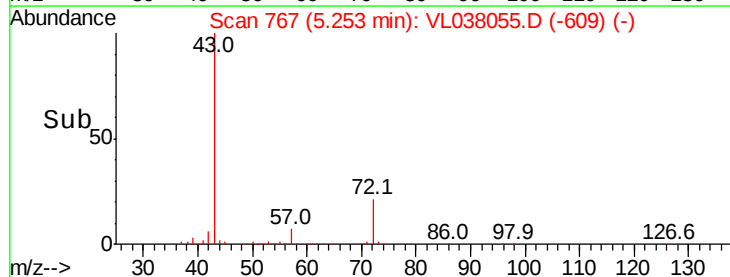
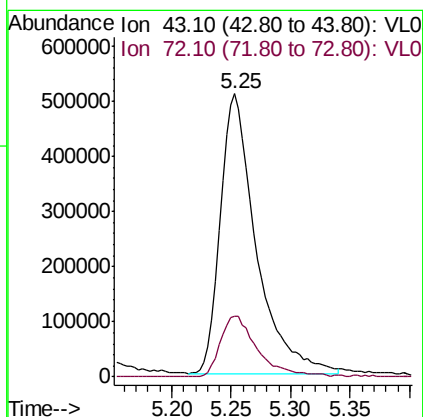
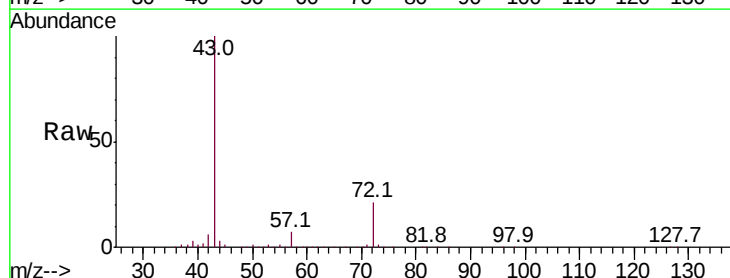
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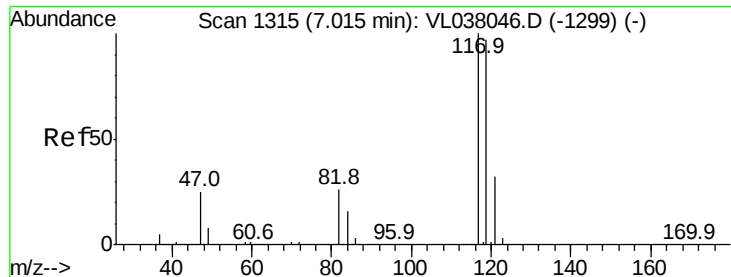
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 9.869 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion: 43 Resp: 1058077
 Ion Ratio Lower Upper
 43 100
 72 23.6 18.8 28.2



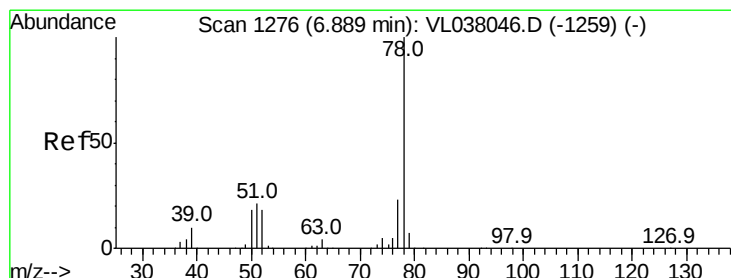
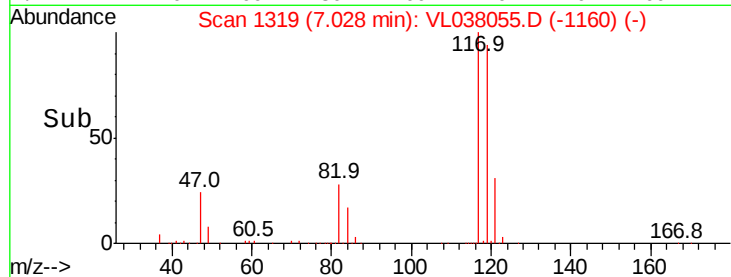
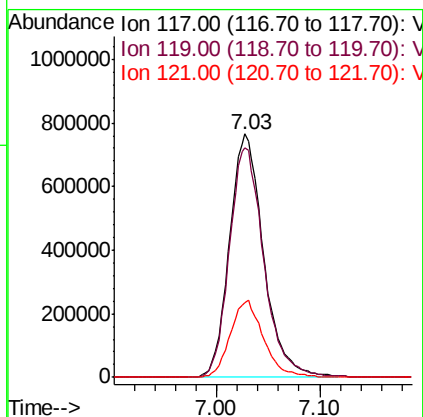
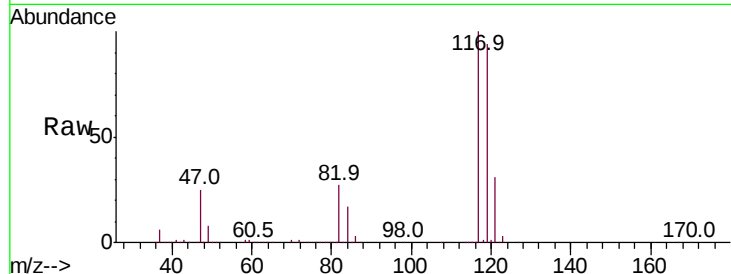


#35
Carbon Tetrachloride
Concen: 9.422 ppbv
RT: 7.03
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id: VL1118ABS01
Lab File:
Acq: 18 Nov 2021 15:48

Tot Ion: 1
Ion Ratio
117 100
119 94.
121 30.

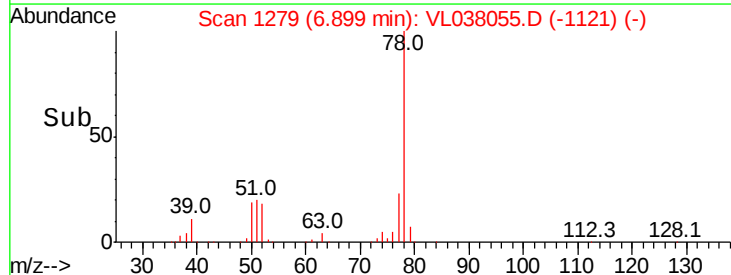
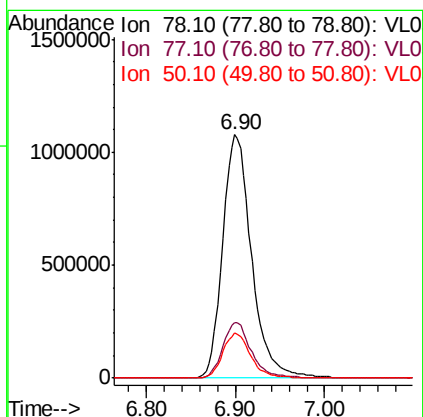
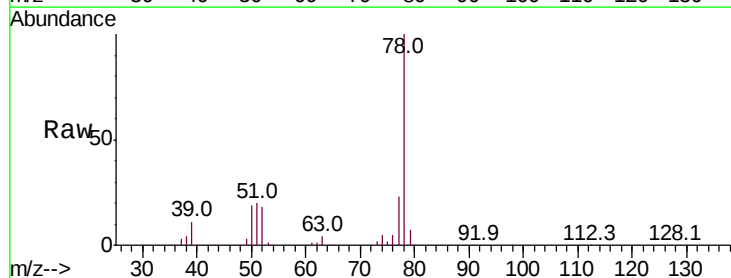
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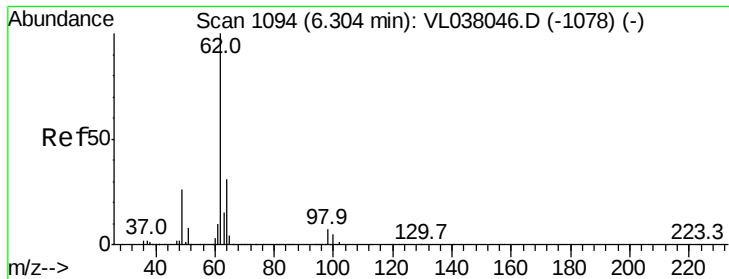
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 9.122 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 78 Resp: 2419361
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
50 18.6 14.7 22.1





#37

1,2-Dichloroethane

Concen: 9.587 ppbv

RT: 6.31 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VL1118ABS01

Acq: 18 Nov 2021 15:46

Tot Ion: 62.10 (61.80 to 62.80): VL0

Ion Ratio 62 100

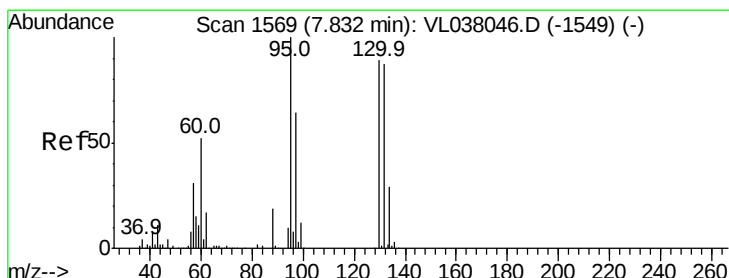
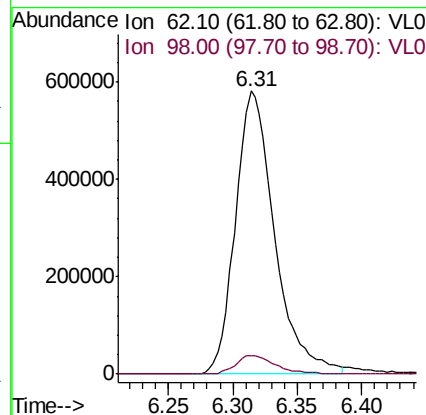
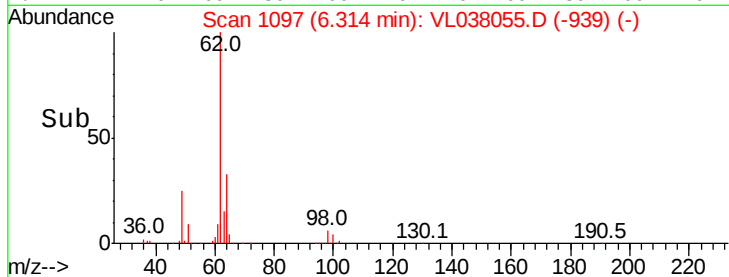
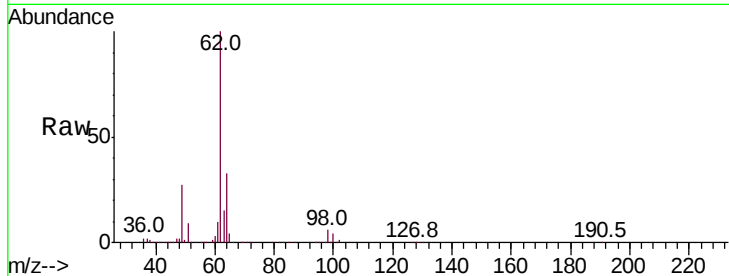
98 7.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#38

Trichloroethene

Concen: 8.632 ppbv

RT: 7.84 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

Tgt Ion:130 Resp: 863576

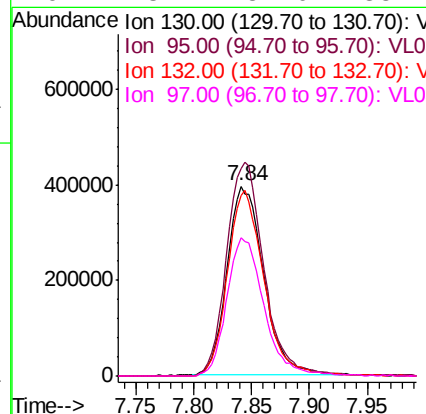
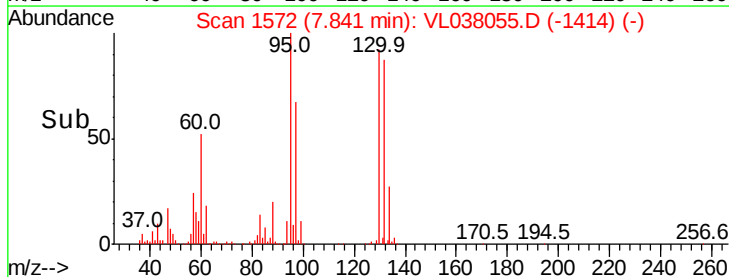
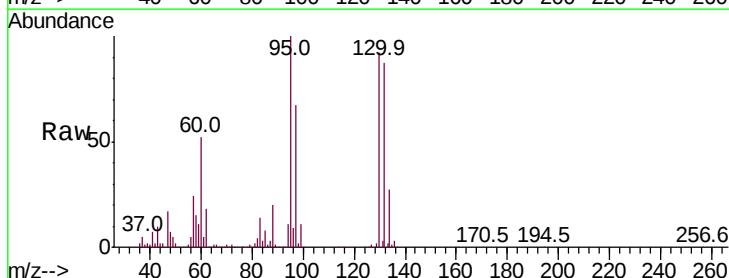
Ion Ratio Lower Upper

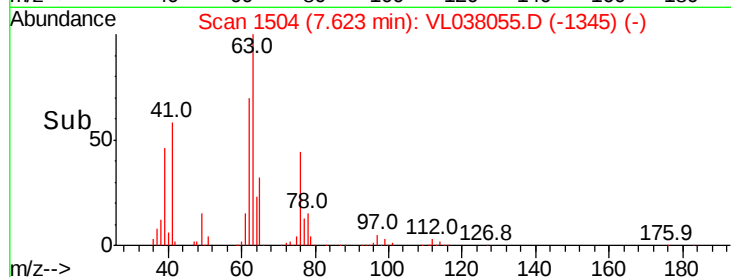
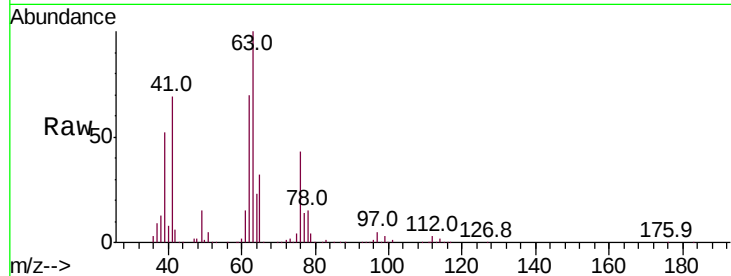
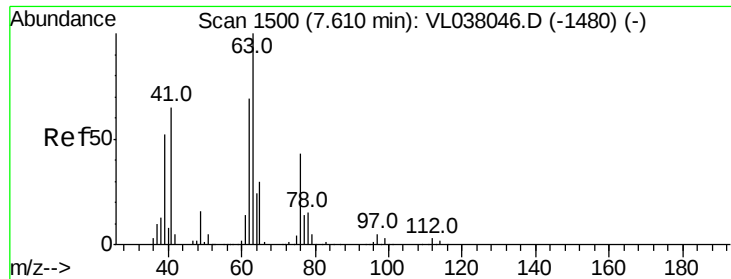
130 100

95 109.5 89.4 134.2

132 95.1 78.2 117.2

97 73.2 57.0 85.4



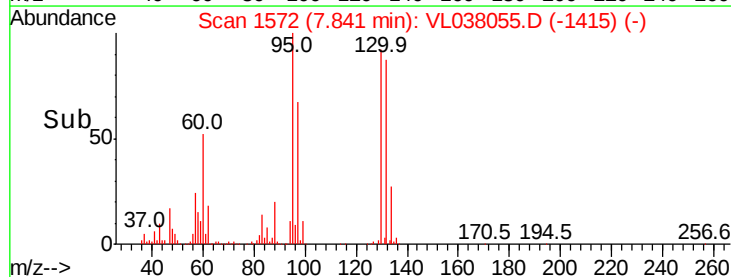
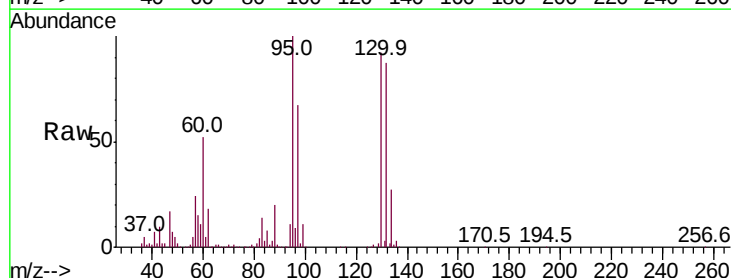
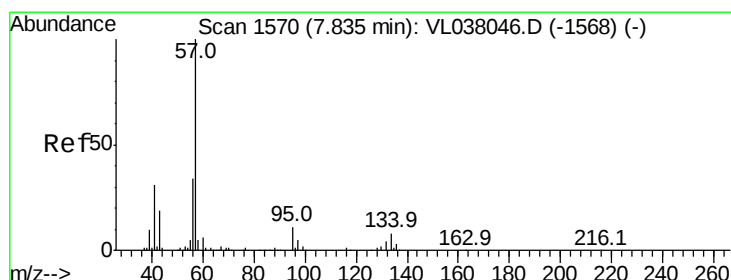
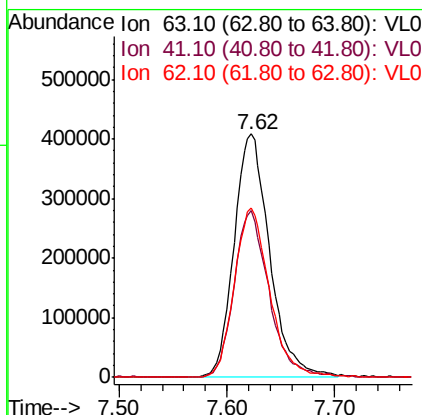


#39
 1,2-Dichloropropane
 Concen: 9.208 ppbv
 RT: 7.62
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1118ABS01
 Acq: 18 Nov 2021 15:46

Tot Ion:
 Ion Ratio
 63 100
 41 68.
 62 69.

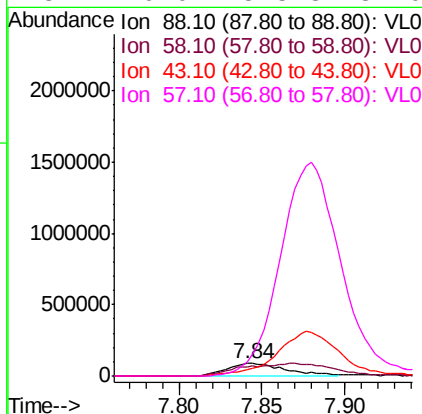
Manual Integrations
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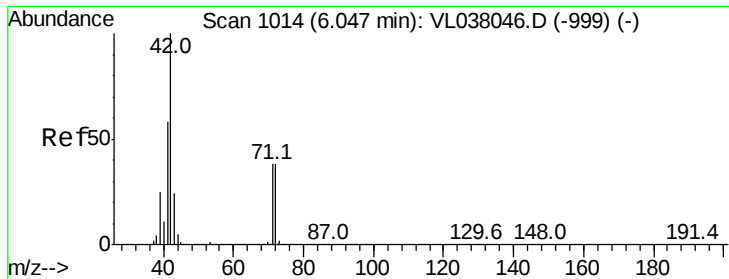
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 8.132 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion: 88 Resp: 215561
 Ion Ratio Lower Upper
 88 100
 58 0.0 229.2 343.8#
 43 0.0 553.3 829.9#
 57 0.0 2513.8 3770.8#



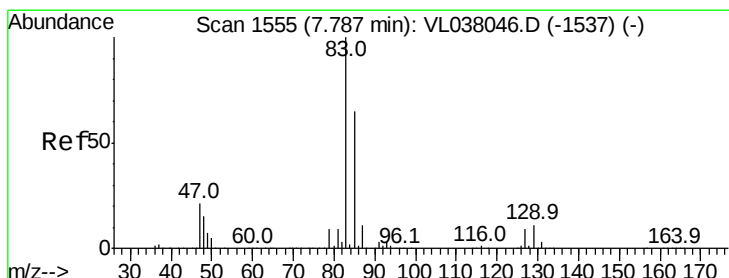
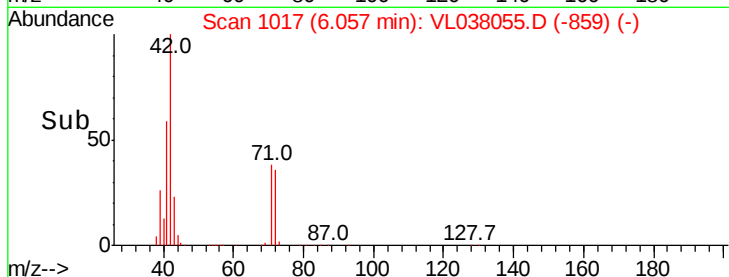
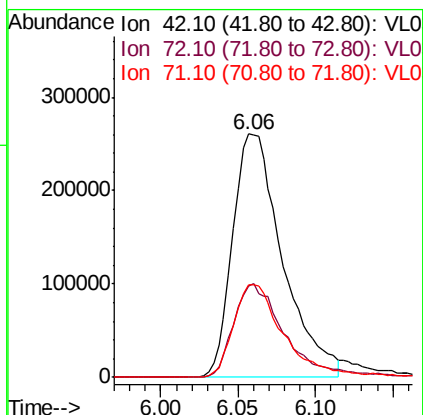
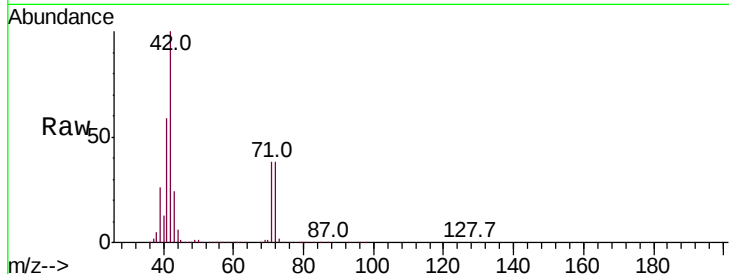


#41
Tetrahydrofuran
Concen: 8.770 ppbv
RT: 6.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1118ABS01
Acq: 18 Nov 2021 15:48

Tot Ion:
Ion Ratio
42 100
72 40.
71 39.

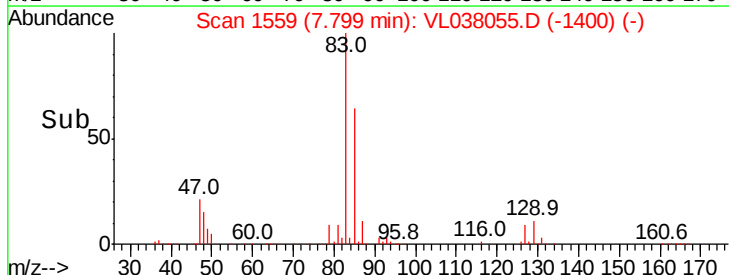
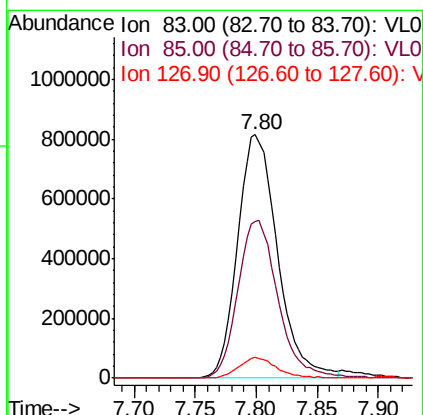
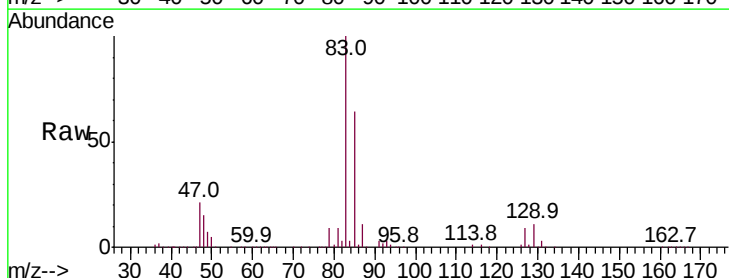
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APPROVED

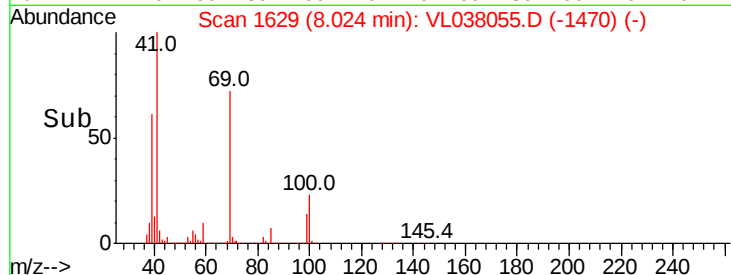
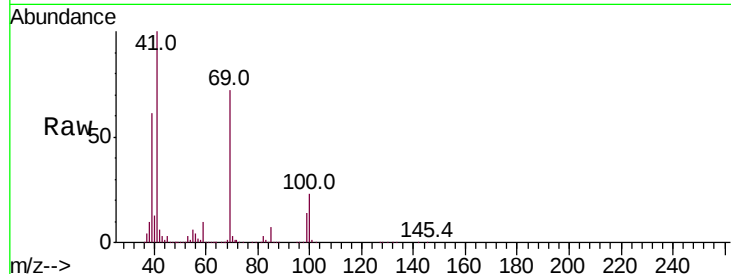
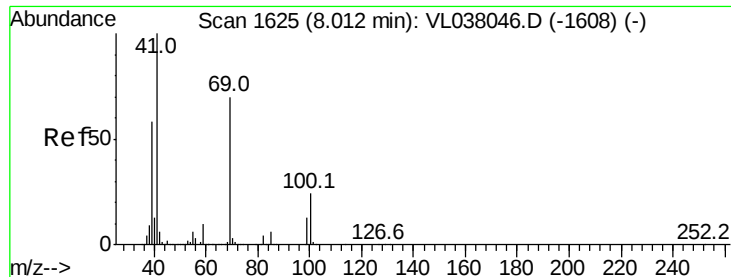
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 9.480 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 83 Resp: 1846183
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9
127 8.6 6.8 10.2





#43

Methyl Methacrylate

Concen: 9.763 ppbv

RT: 8.02

Instrument: MSVOA_1

Delta R.T. 0.01 min

Lab File: VL1118ABS01

Acq: 18 Nov 2021 15:46

Tot Ion:

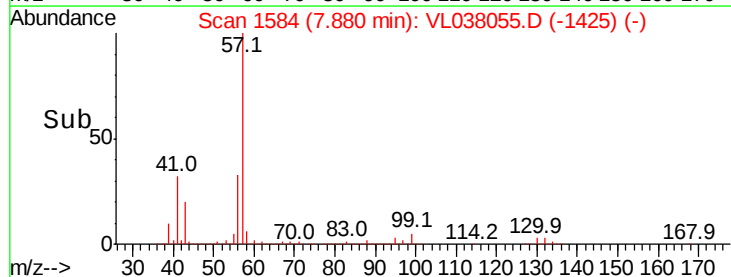
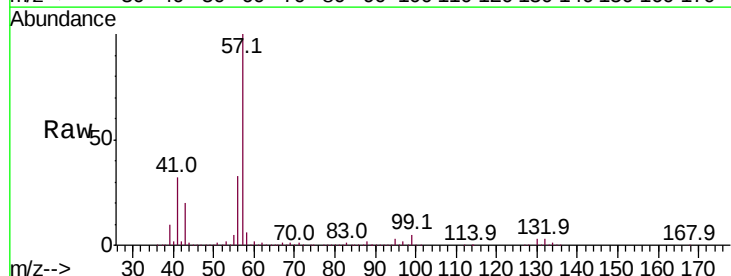
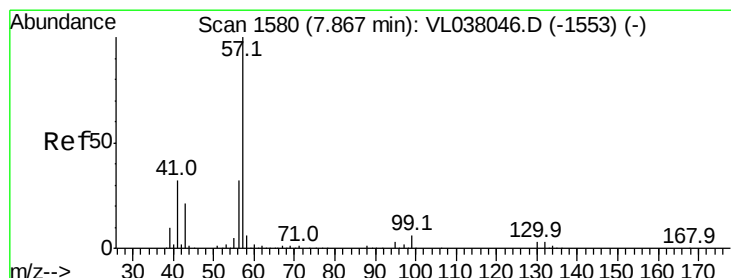
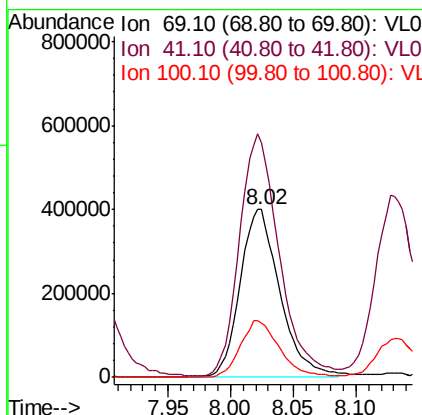
Ion	Ratio
69	100
41	145.
100	33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#44

2,2,4-Trimethylpentane

Concen: 8.724 ppbv

RT: 7.88 min Scan# 1584

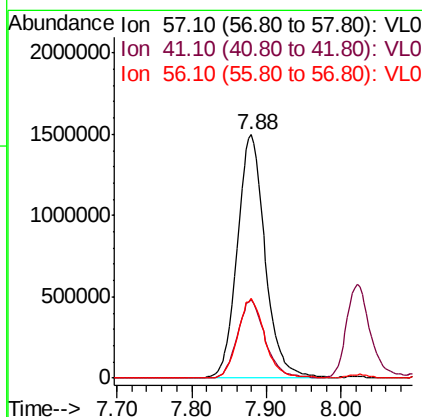
Delta R.T. 0.01 min

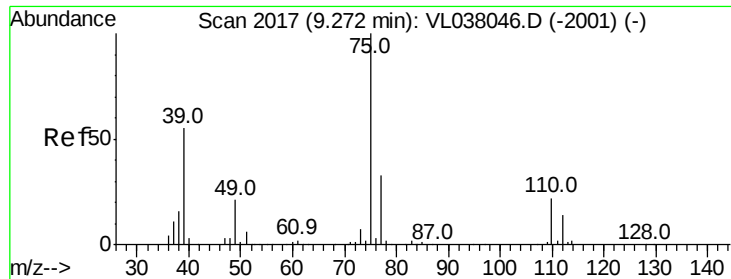
Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

Tgt Ion: 57 Resp: 3871309

Ion	Ratio	Lower	Upper
57	100		
41	32.1	25.8	38.6
56	31.7	25.6	38.4



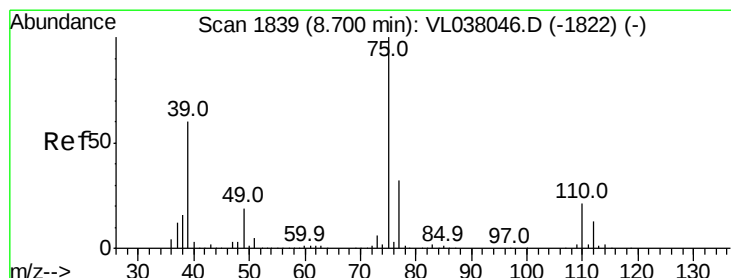
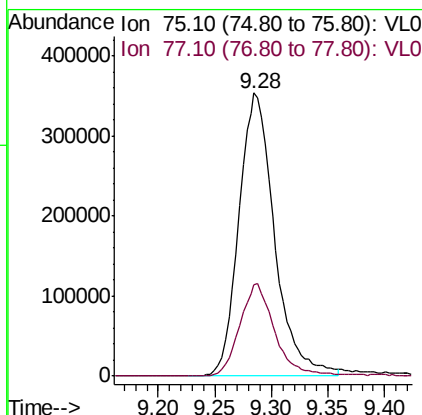
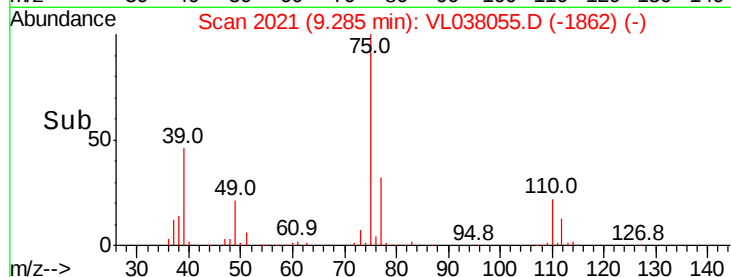
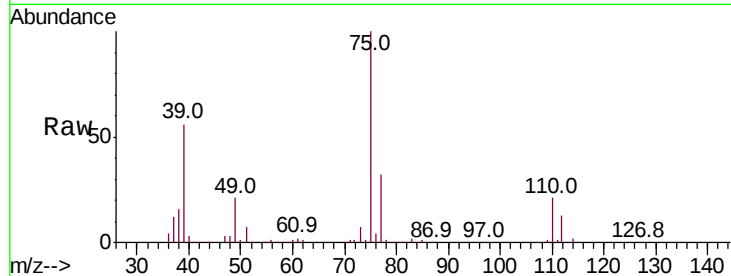


#45
 t-1,3-Dichloropropene
 Concen: 10.651 ppbv
 RT: 9.28
 Instrument: MSVOA_1
 Delta R.T.:
 ClientSampleId:
 Lab File: VL1118ABS01
 Acq: 18 Nov 2021 15:48

Tot Ion:
 Ion Ratio
 75 100
 77 32.

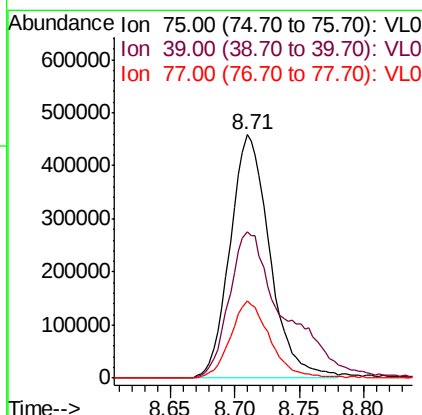
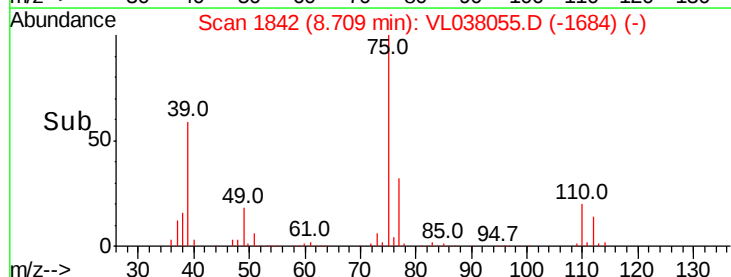
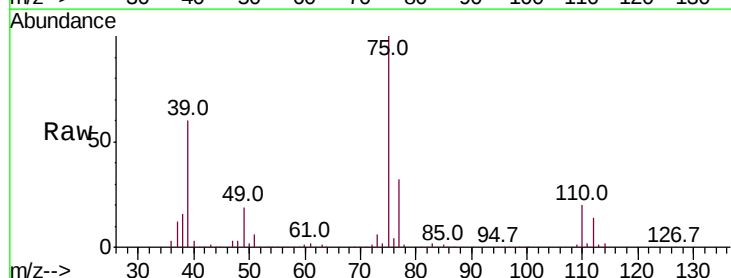
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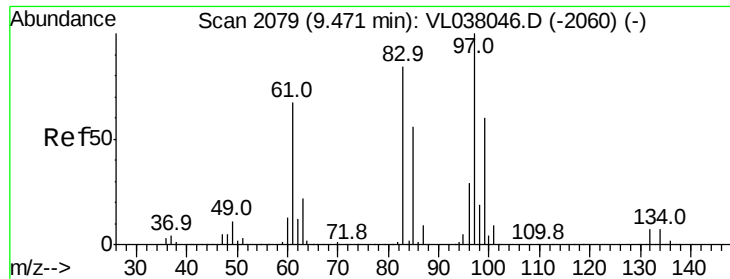
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#46
 cis-1,3-Dichloropropene
 Concen: 9.939 ppbv
 RT: 8.71 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion: 75 Resp: 978476
 Ion Ratio Lower Upper
 75 100
 39 59.9 47.8 71.8
 77 31.9 25.5 38.3



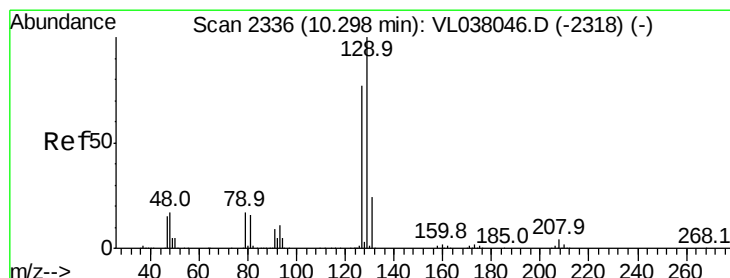
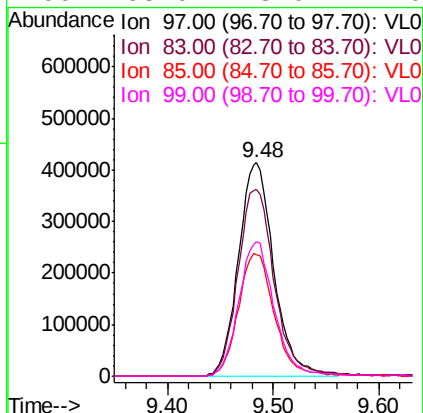
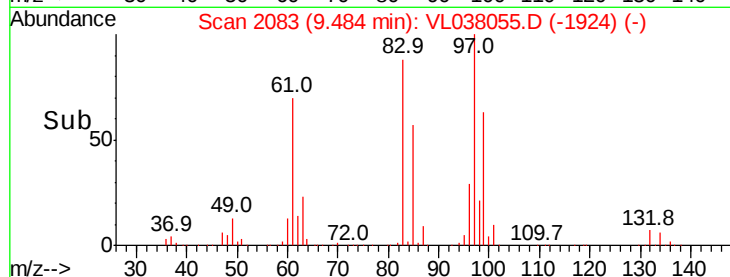
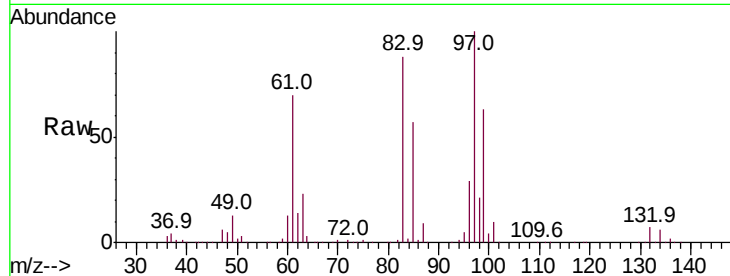


#47
 1,1,2-Trichloroethane
 Concen: 9.075 ppbv
 RT: 9.48 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL1118ABS01
 Acq: 18 Nov 2021 15:48

Tot Ion:
 Ion Ratio
 97 100
 83 87.1
 85 56.1
 99 63.0 48.0 72.0

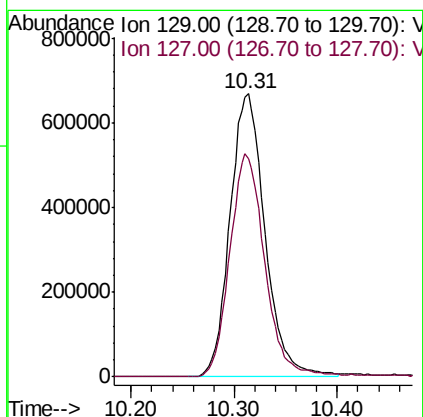
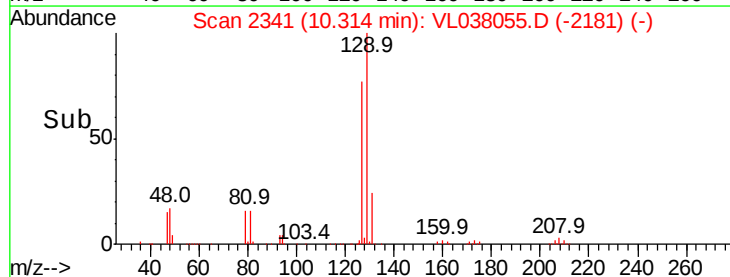
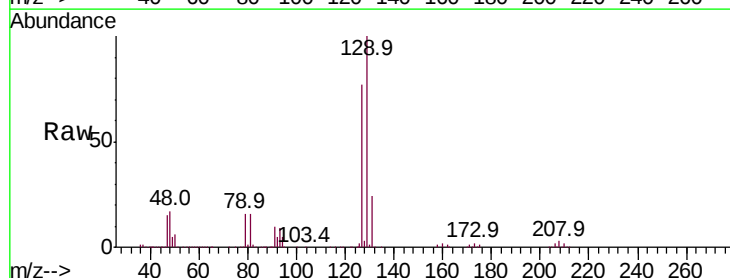
Manual Integrations
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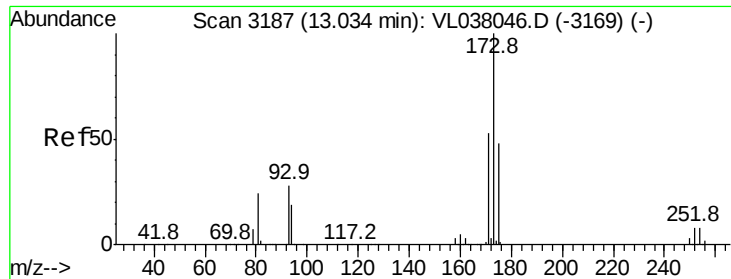
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#48
 Dibromochloromethane
 Concen: 9.755 ppbv
 RT: 10.31 min Scan# 2341
 Delta R.T.: 0.02 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion:129 Resp: 1582886
 Ion Ratio Lower Upper
 129 100
 127 79.8 39.4 118.1





#49

Bromoform

Concen: 10.297 ppbv

RT: 13.05

Delta R.T.

Lab File:

Acq: 18 Nov 2021 13:48

Instrument:

MSVOA_1

ClientSampleId:

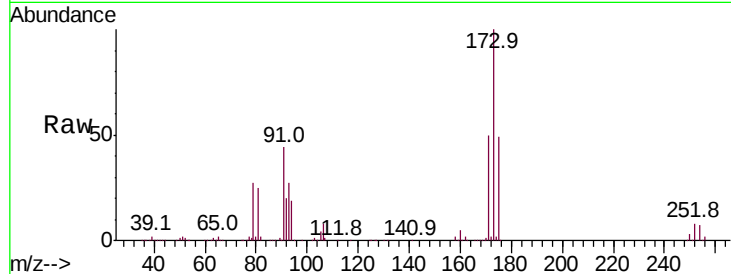
VL1118ABS01

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



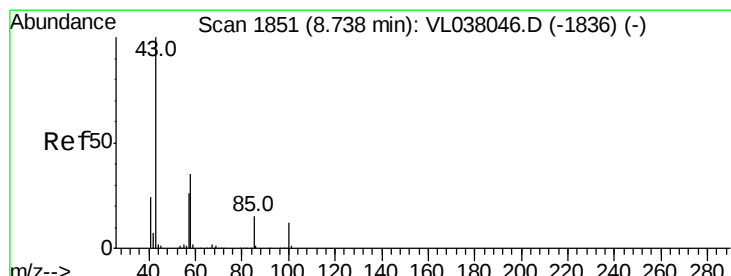
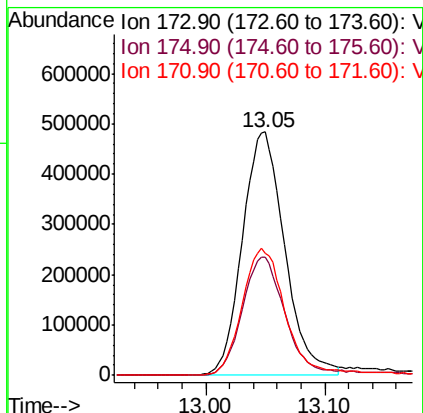
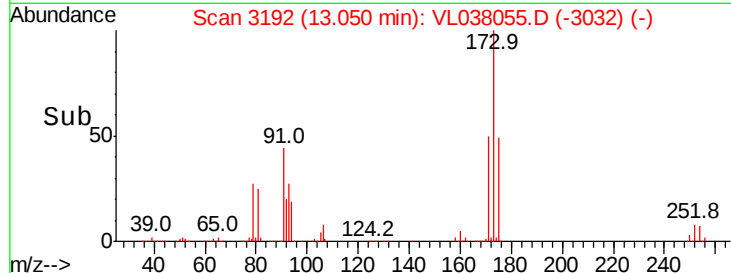
Tot Ion:1

Ion Rati

173 100

175 51.

171 54.



#50

4-Methyl-2-Pentanone

Concen: 9.545 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL038055.D

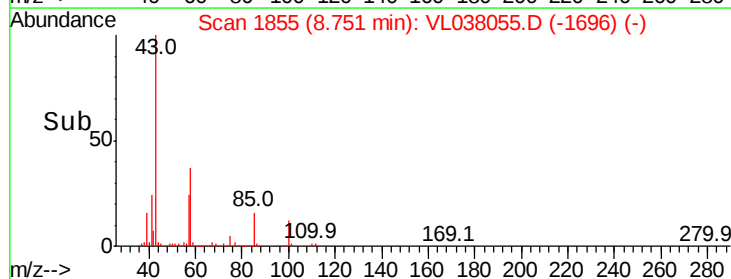
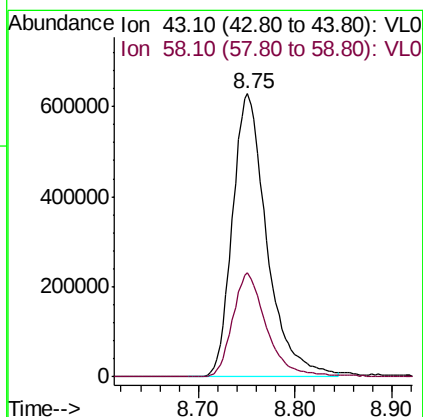
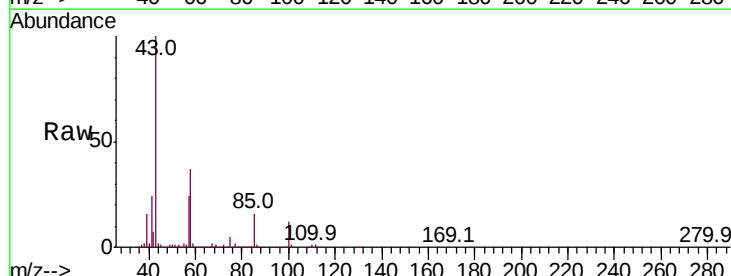
Acq: 18 Nov 2021 15:46

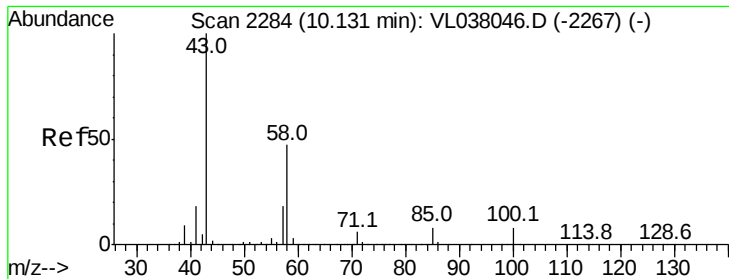
Tgt Ion: 43 Resp: 1554074

Ion Ratio Lower Upper

43 100

58 36.6 29.4 44.2





#51

2-Hexanone

Concen: 9.523 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

43 100

58 50.

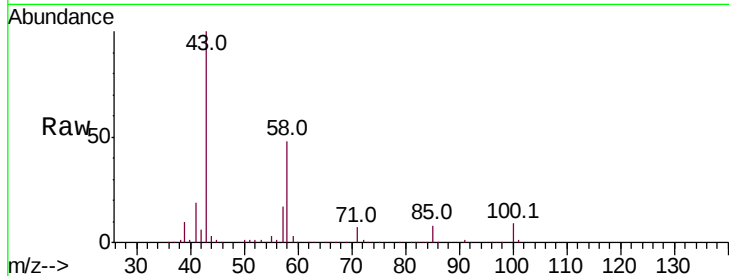
98 0.

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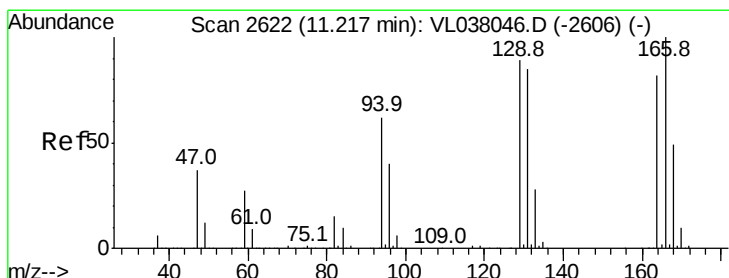
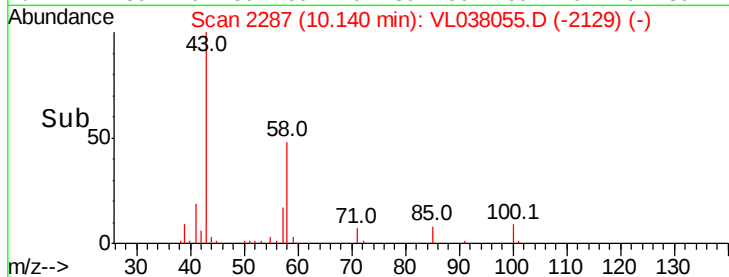
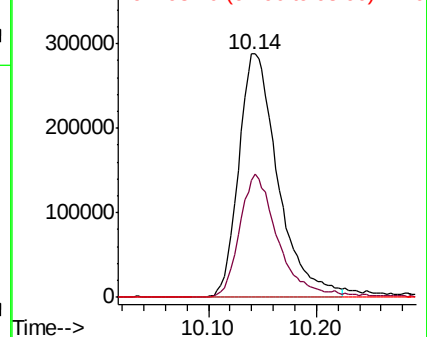
APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



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



#52

Tetrachloroethene

Concen: 8.215 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

Tgt Ion:164 Resp: 806214

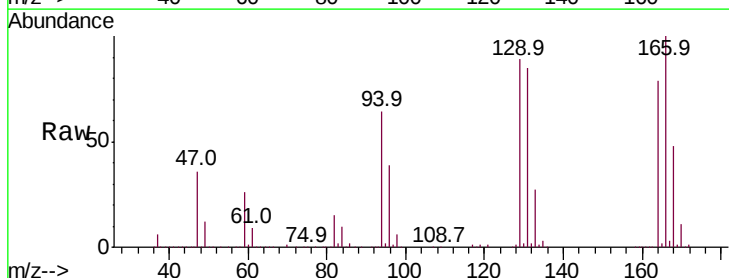
Ion Ratio Lower Upper

164 100

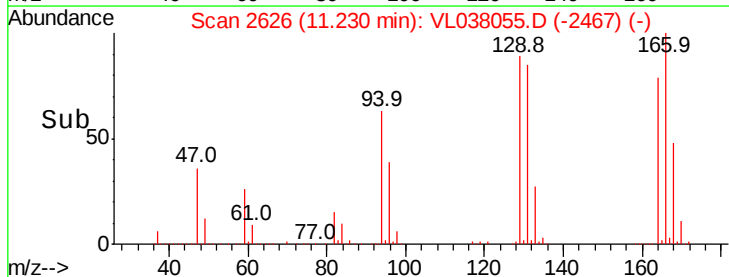
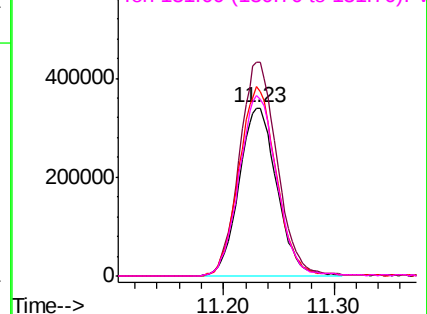
166 127.0 97.2 145.8

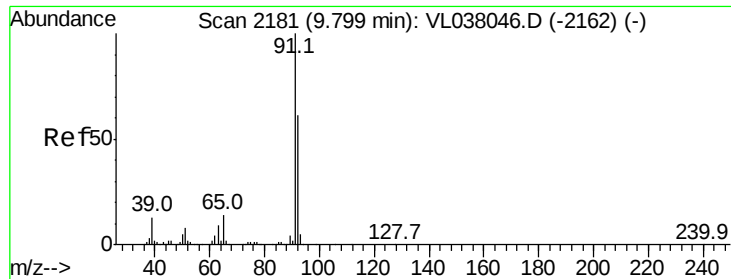
129 112.8 86.9 130.3

131 107.6 82.8 124.2



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





#53

Toluene

Concen: 9.036 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:

Ion Ratio

91 100

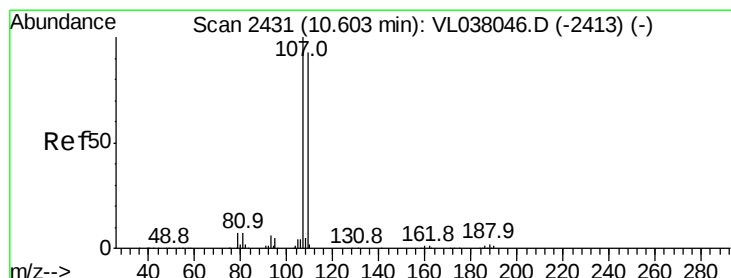
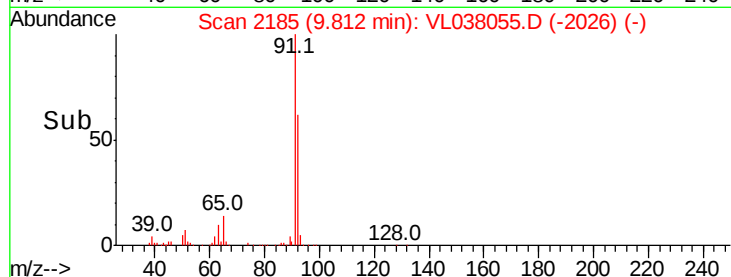
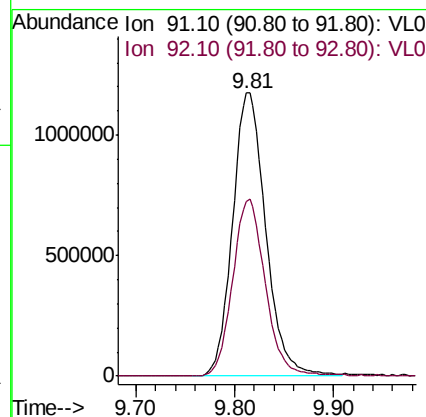
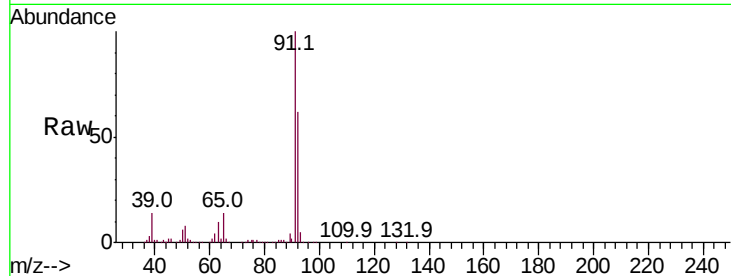
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 9.345 ppbv

RT: 10.62 min Scan# 2435

Delta R.T. 0.01 min

Lab File: VL038055.D

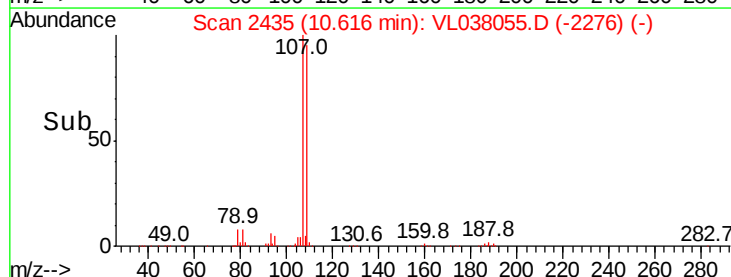
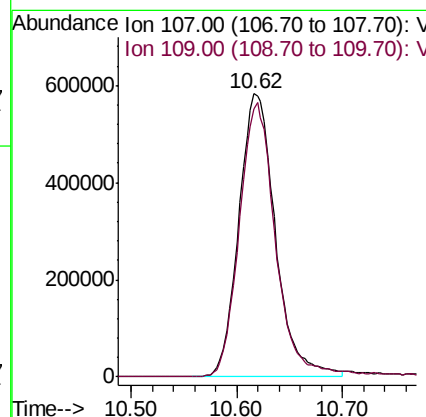
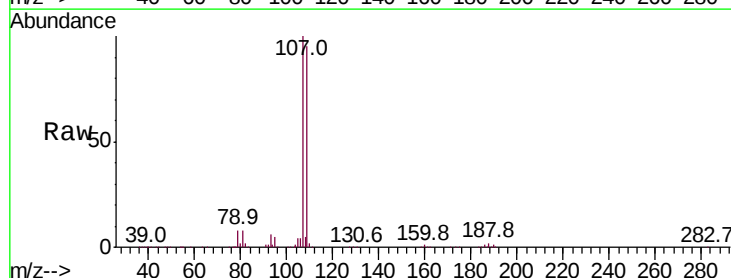
Acq: 18 Nov 2021 15:46

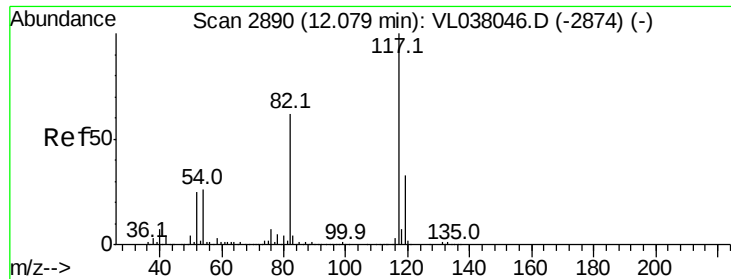
Tgt Ion:107 Resp: 1406458

Ion Ratio Lower Upper

107 100

109 94.8 74.6 111.8



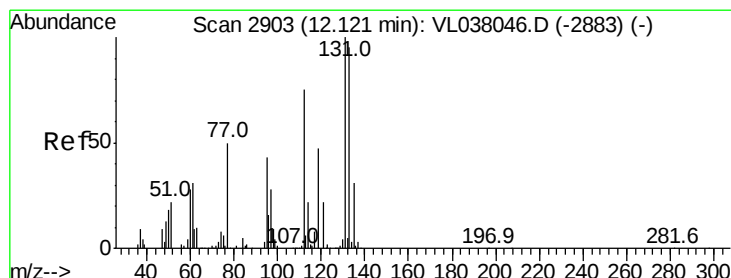
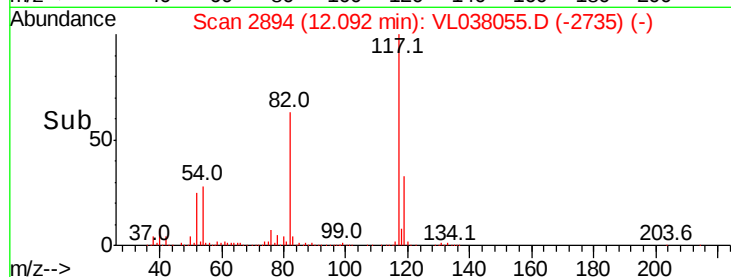
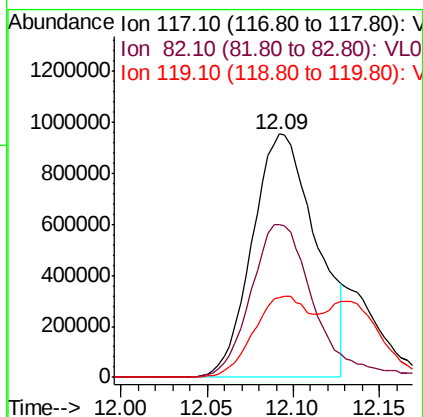
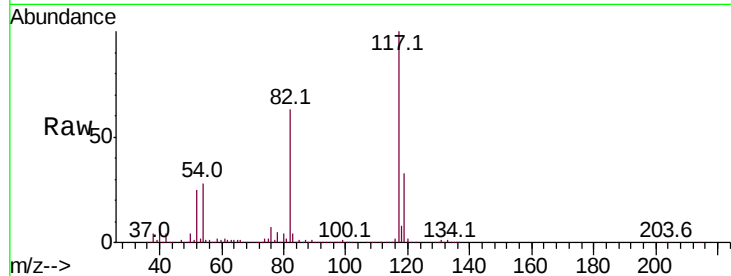


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv m
 RT: 12.09
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled : VL1118ABS01
 Acq: 18 Nov 2021 15:46

Tot Ion:1
 Ion Rati
 117 100
 82 64.
 119 28.

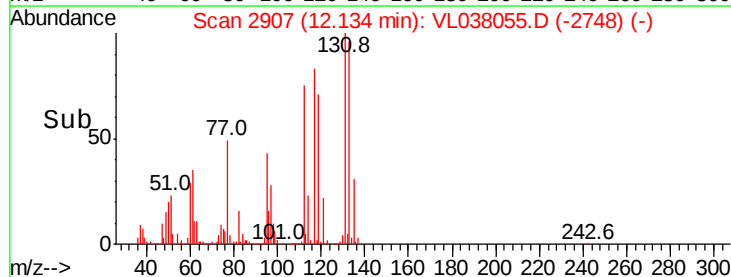
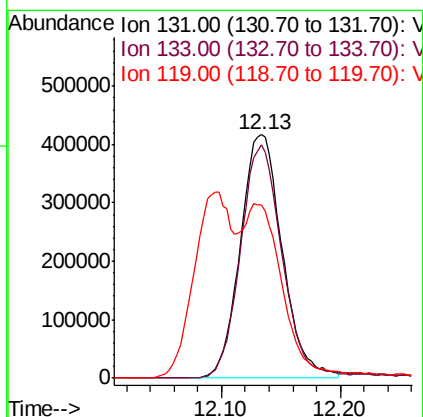
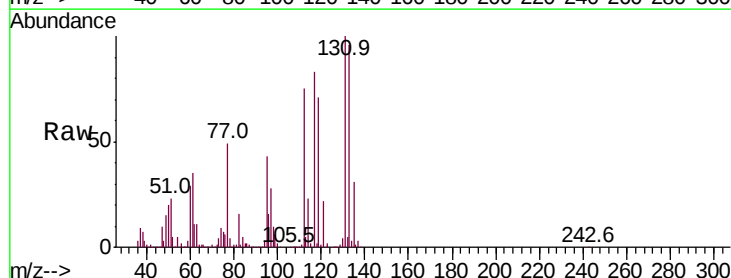
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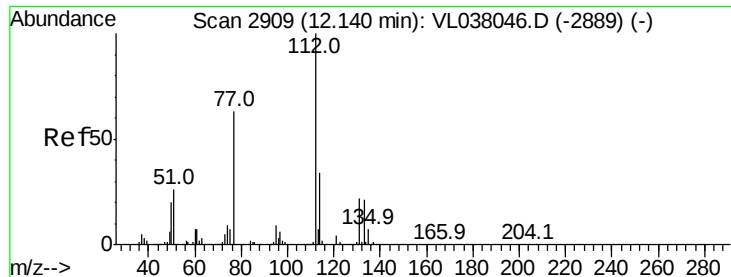
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#56
 1,1,1,2-Tetrachloroethane
 Concen: 9.145 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion:131 Resp: 1017325
 Ion Ratio Lower Upper
 131 100
 133 97.8 78.8 118.2
 119 70.6 56.3 84.5



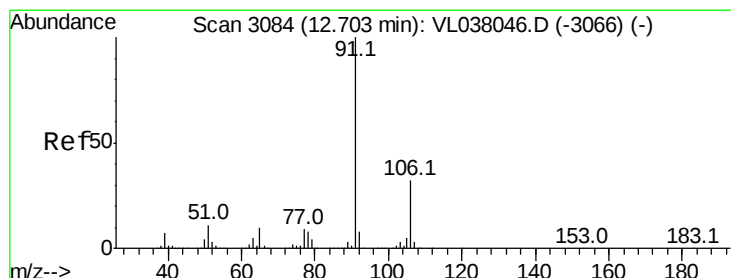
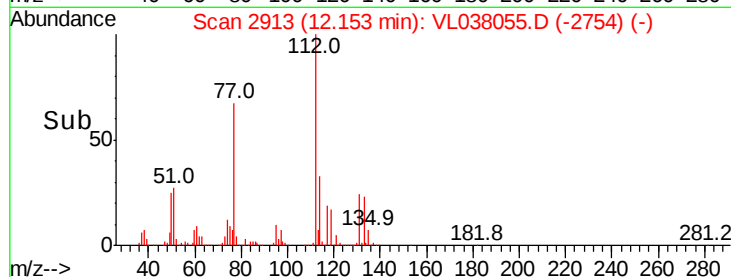
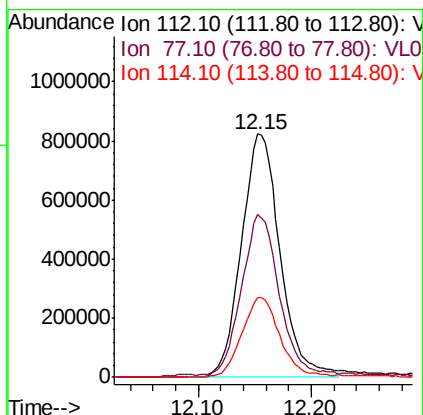
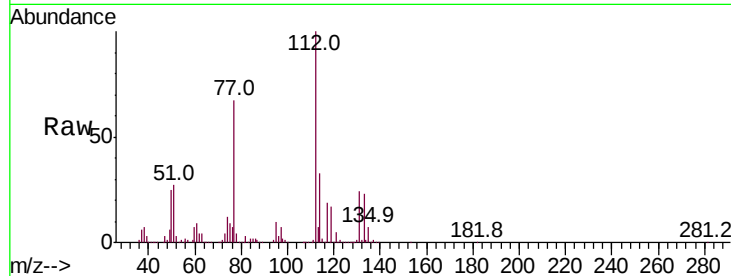


#57
Chlorobenzene
Concen: 8.905 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.02 min
Lab File: VL1118ABS01
Acq: 18 Nov 2021 15:48

Tot Ion: 1
Ion Ratio
112 100
77 65.
114 33.

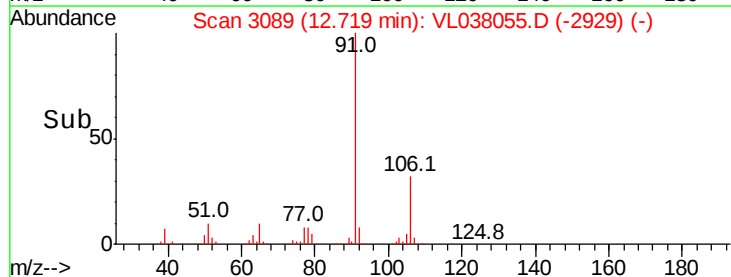
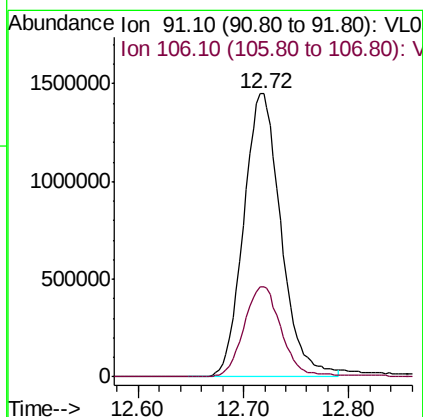
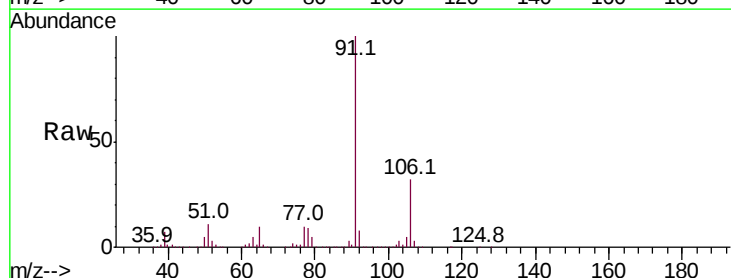
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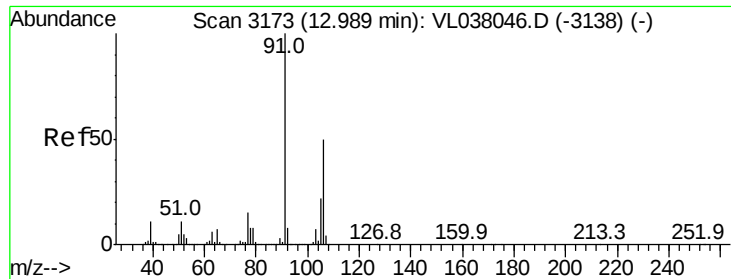
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 8.844 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.02 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 3582102
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6





#59

m/p-Xylene

Concen: 17.314 ppbv m

RT: 13.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 13:40

Tot Ion:

Ion Ratio

91 100

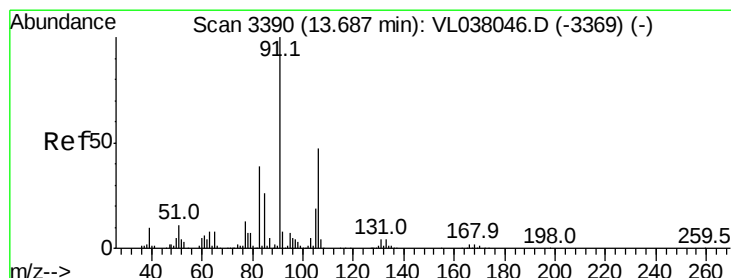
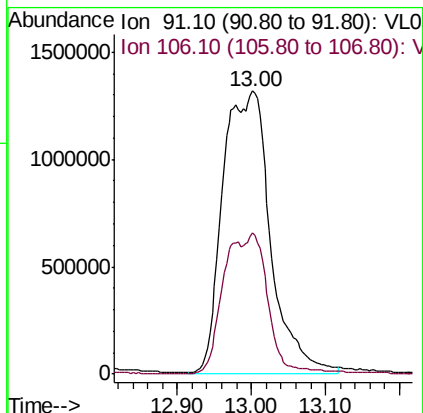
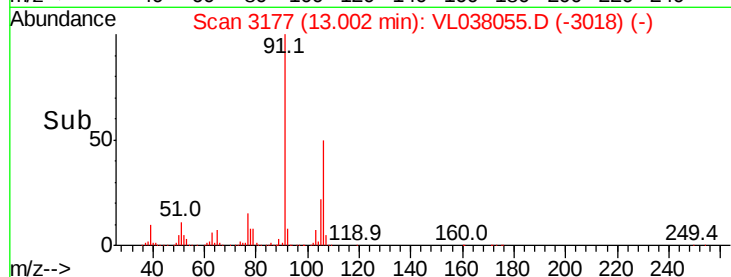
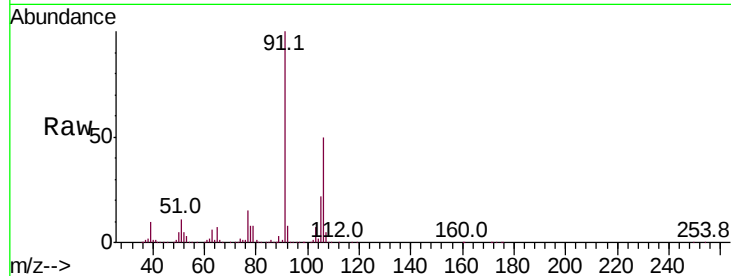
106 46.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#60

o-Xylene

Concen: 8.559 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL038055.D

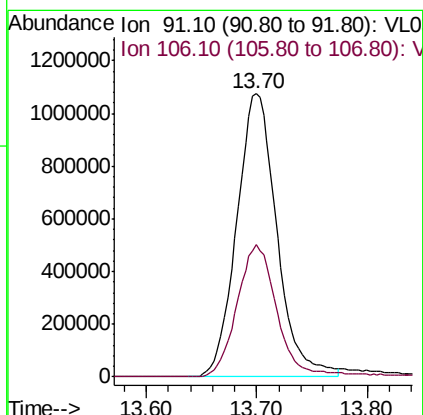
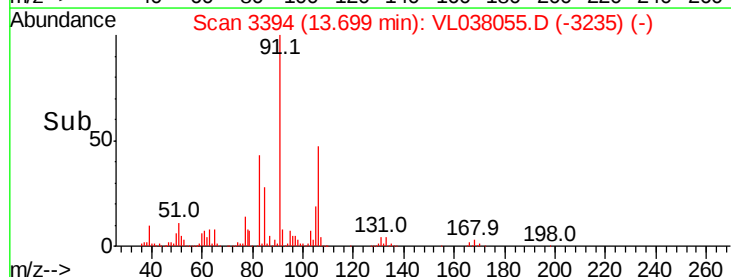
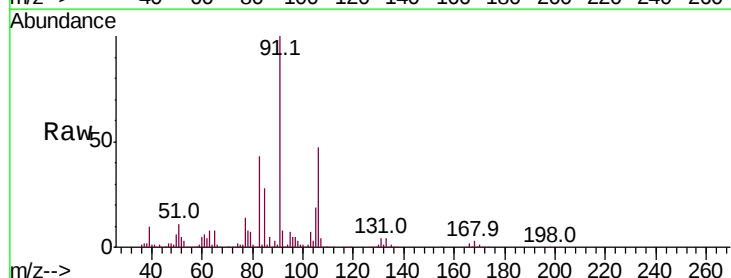
Acq: 18 Nov 2021 15:46

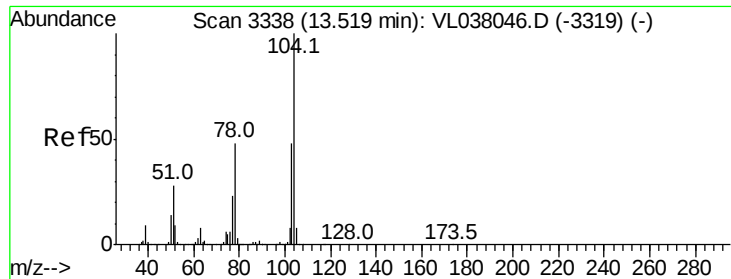
Tgt Ion: 91 Resp: 2707101

Ion Ratio Lower Upper

91 100

106 47.8 24.2 72.6



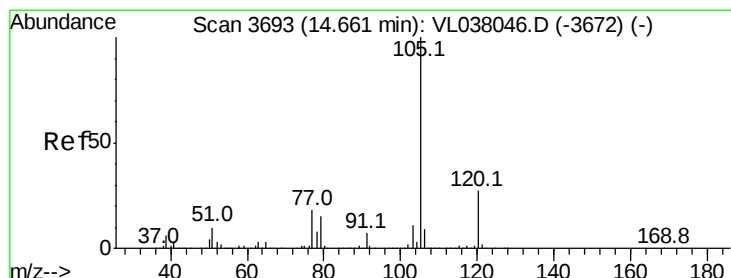
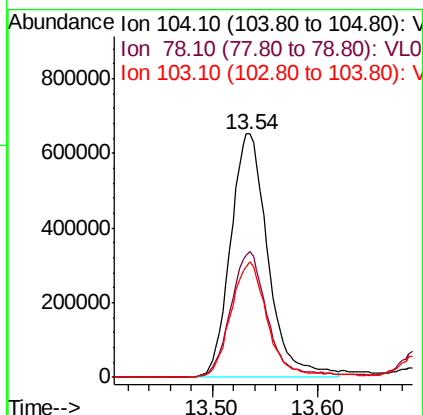
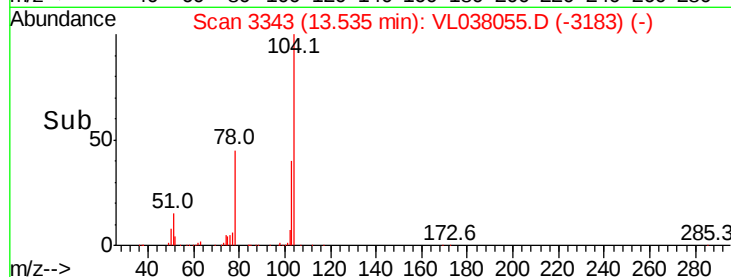
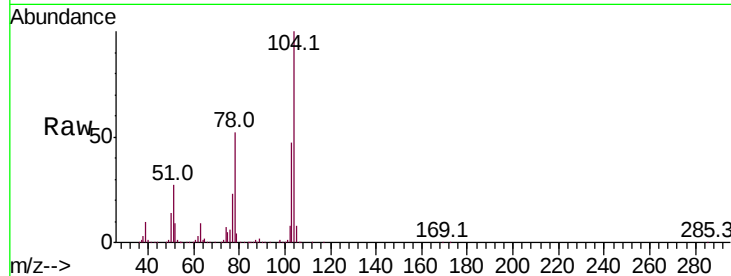


#61
Stvrene
Concen: 9.456 ppbv
RT: 13.54 min
Delta R.T. 0.01 min
Lab File: VL1118ABS01
Acq: 18 Nov 2021 15:40

Tot Ion: 1
Ion Ratio
104 100
78 51.0
103 47.0

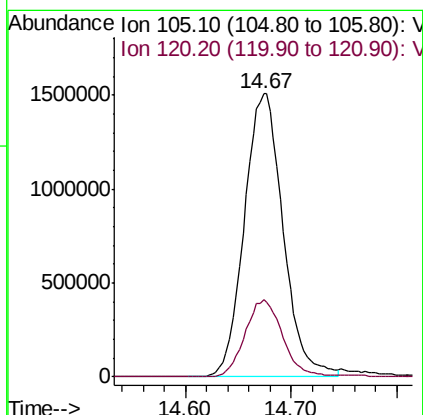
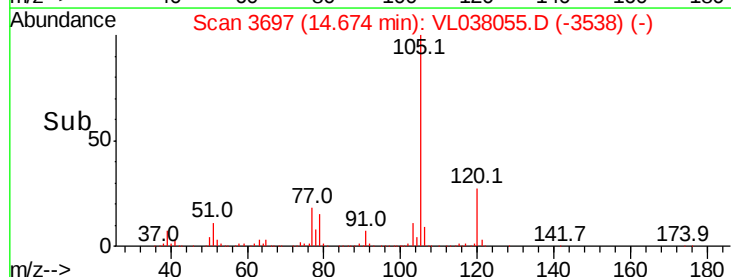
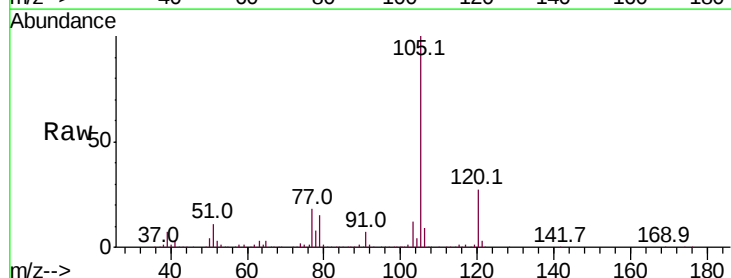
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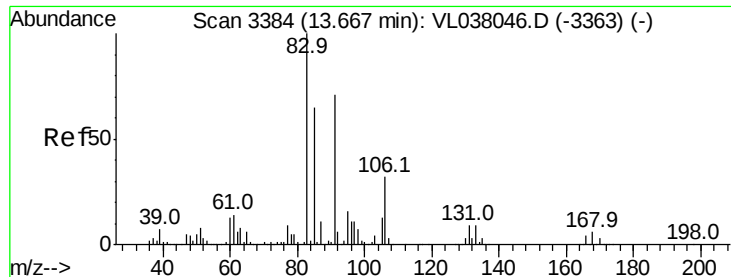
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#62
Isopropylbenzene
Concen: 8.602 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 105 Resp: 3862169
Ion Ratio Lower Upper
105 100
120 27.2 21.8 32.6



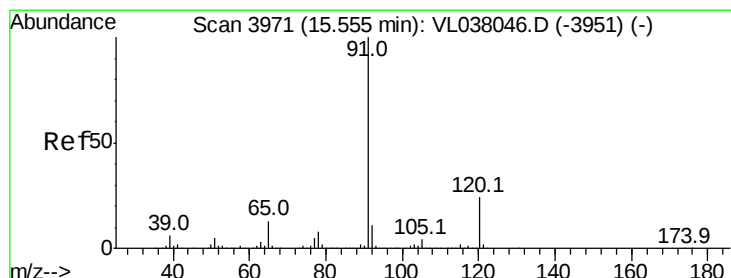
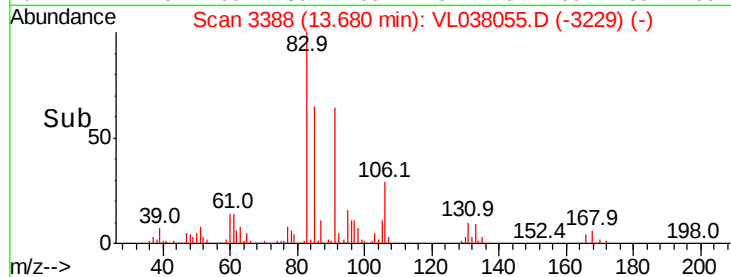
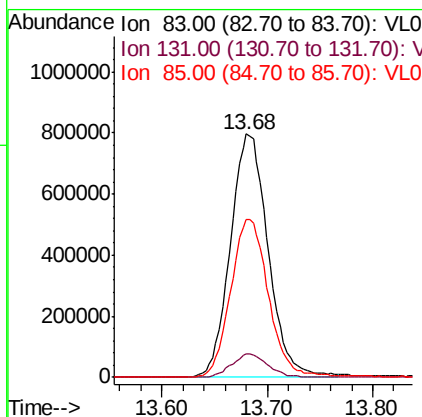
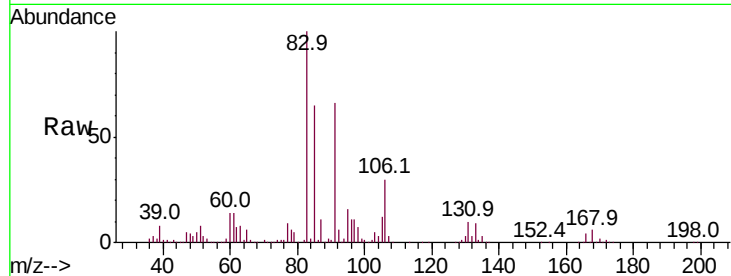


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.384 ppbv
 RT: 13.68 min
 Delta R.T. 0.01 min
 Lab File: VL1118ABS01
 Acq: 18 Nov 2021 15:40

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

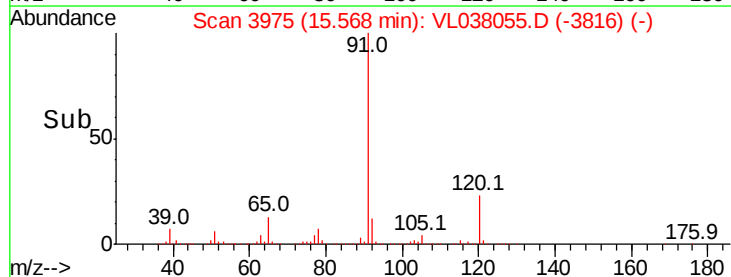
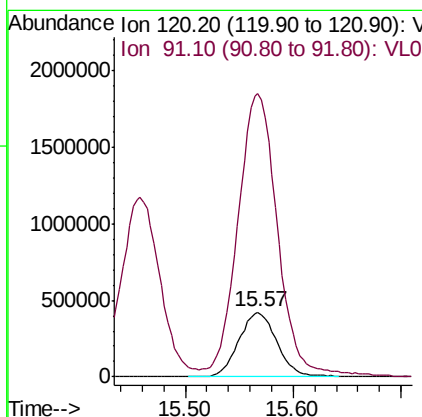
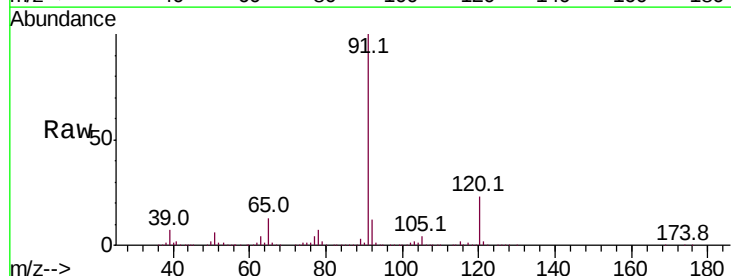
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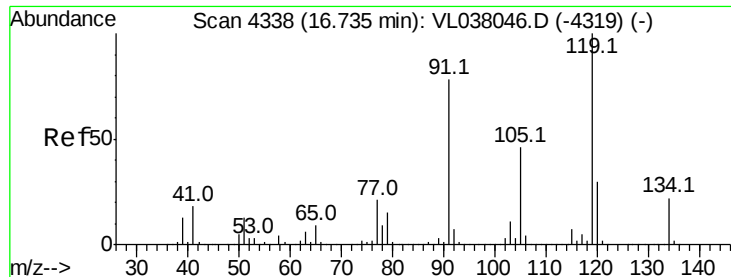
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#64
 n-propylbenzene
 Concen: 9.098 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion:120 Resp: 1040548
 Ion Ratio Lower Upper
 120 100
 91 458.4 371.7 557.5



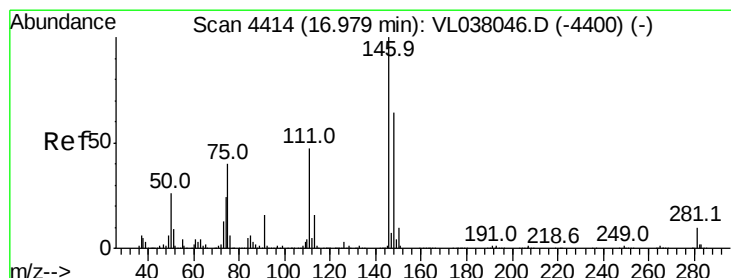
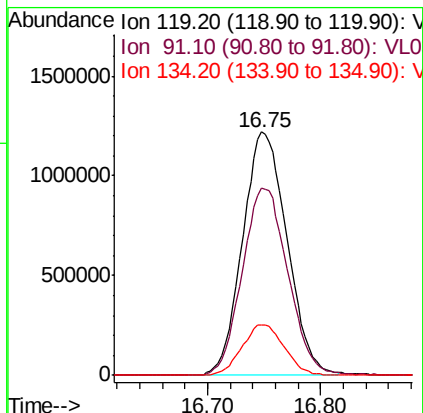
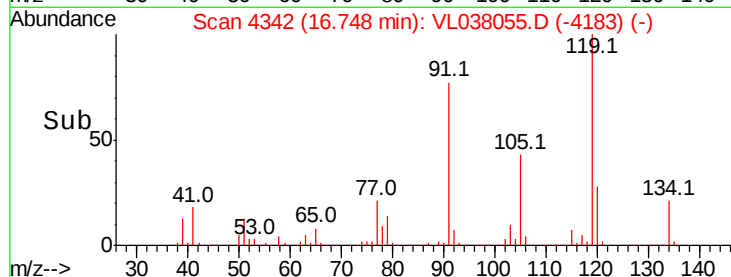
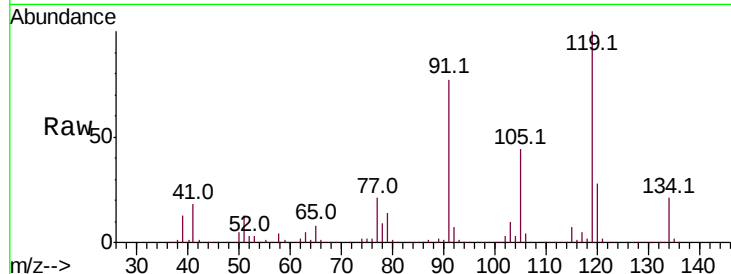


#65
tert-Butylbenzene
Concen: 8.425 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1118ABS01
Acq: 18 Nov 2021 15:40

Tot Ion: 1
Ion Ratio
119 100
91 79.
134 19.

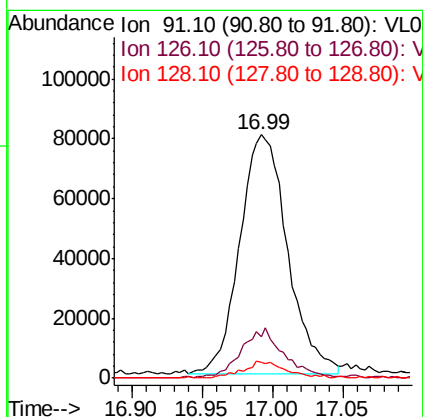
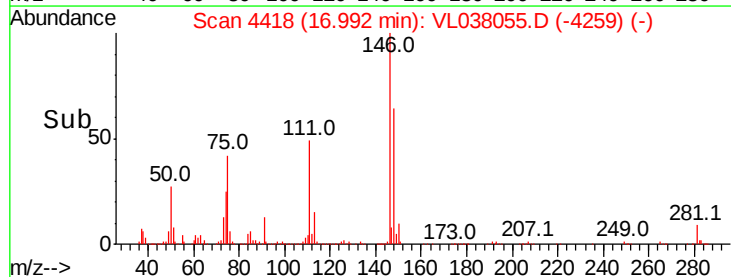
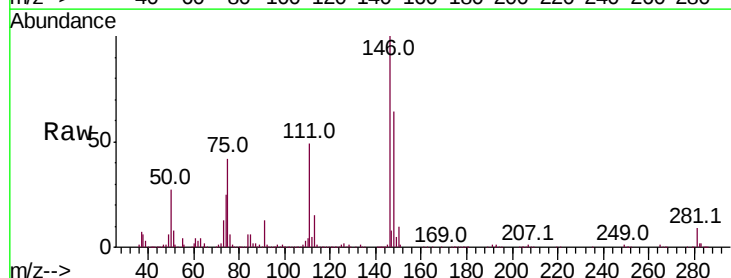
Manual Integrations
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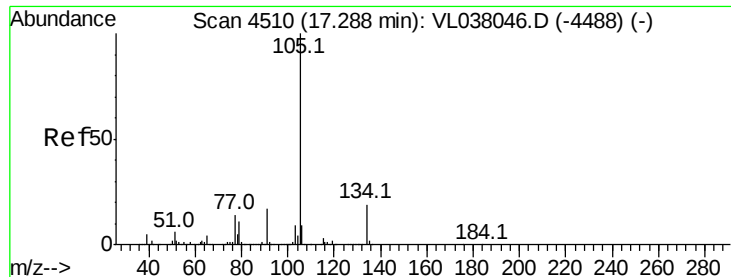
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 9.442 ppbv
RT: 16.99 min Scan# 4418
Delta R.T.: 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 189292
Ion Ratio Lower Upper
91 100
126 19.2 15.5 23.3
128 6.6 5.6 8.4





#67

sec-Butylbenzene

Concen: 8.604 ppbv

RT: 17.30

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 18 Nov 2021 15:48

Tot Ion:1

Ion Ratio

105 100

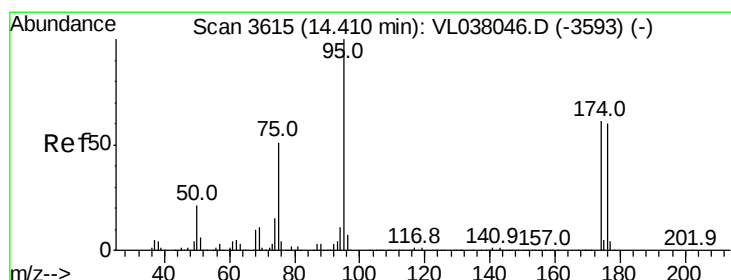
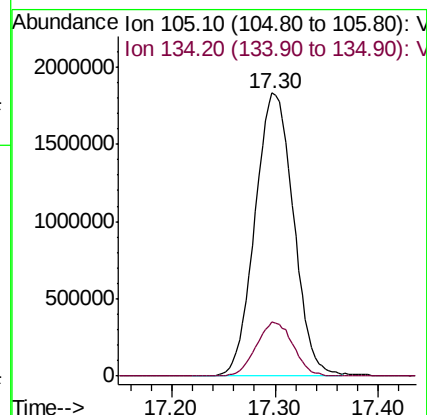
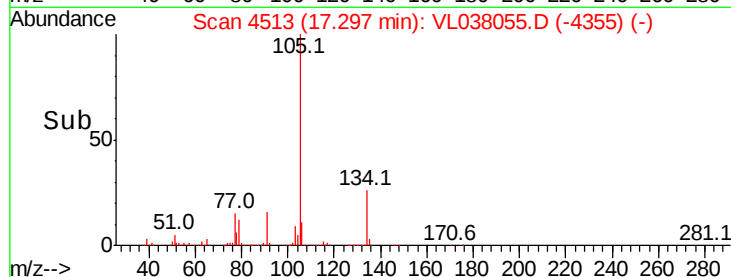
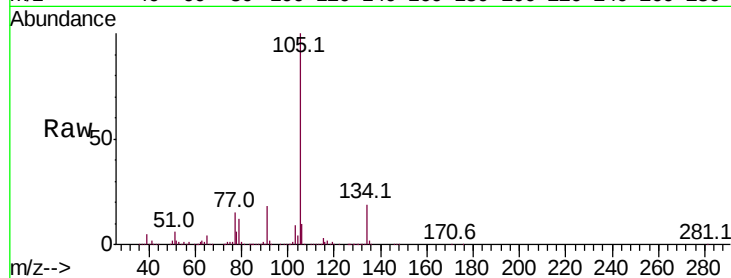
134 18.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 9.904 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

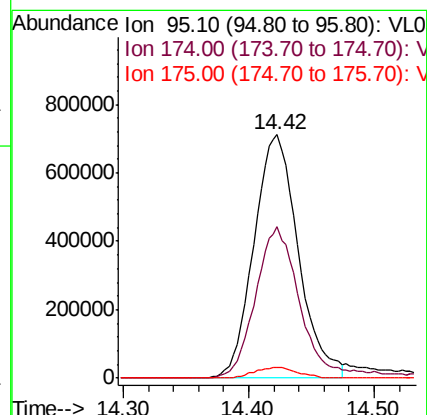
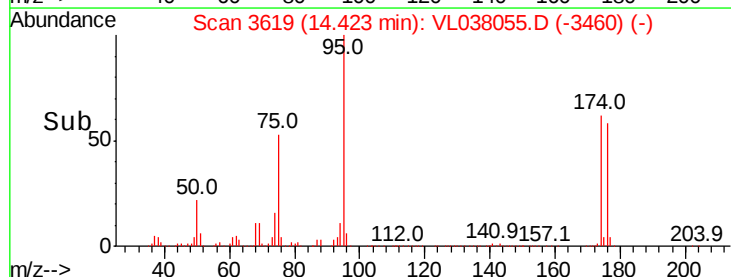
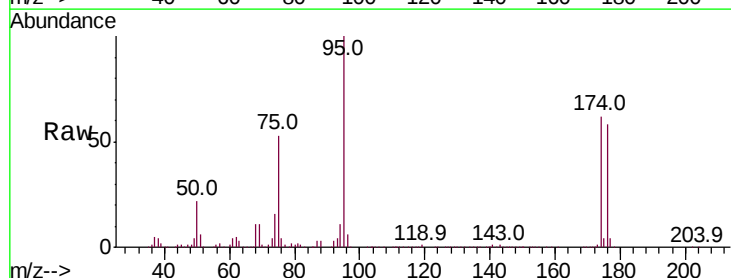
Tgt Ion: 95 Resp: 1750711

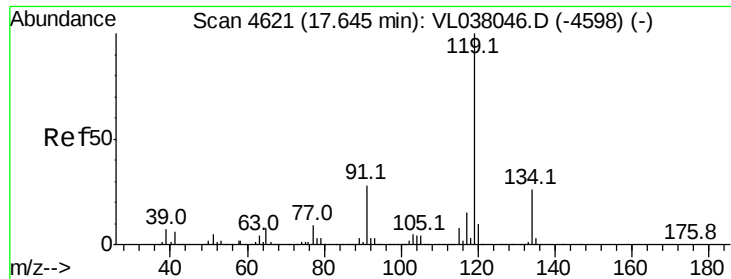
Ion Ratio Lower Upper

95 100

174 65.2 53.1 79.7

175 4.9 4.0 6.0



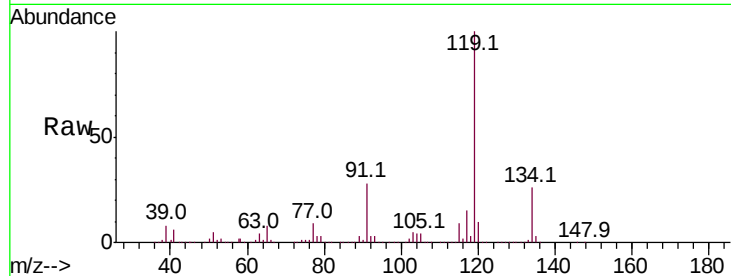


#69
 p-Isopropyltoluene
 Concen: 9.081 ppbv
 RT: 17.66 min
 Delta R.T. 0.01 min
 Lab File: VL1118ABS01
 Acq: 18 Nov 2021 15:46

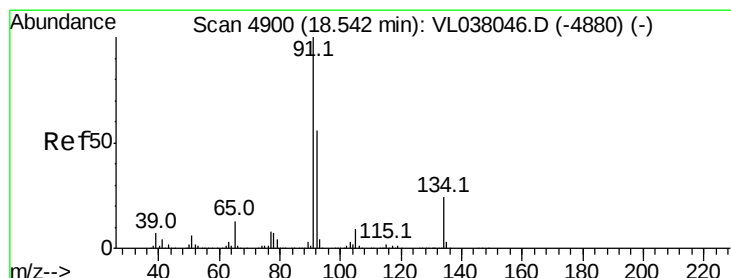
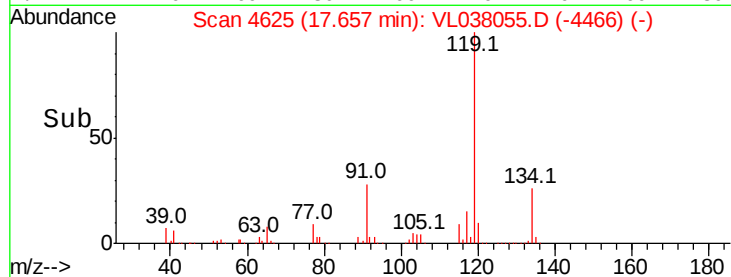
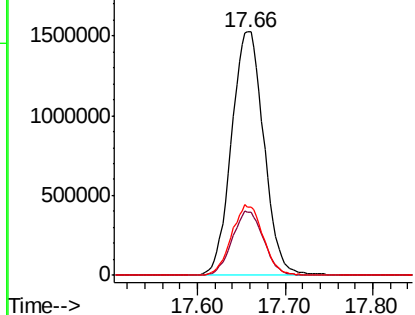
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 28.1

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Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

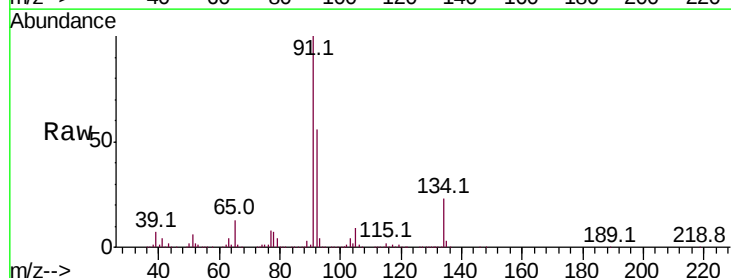


Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0

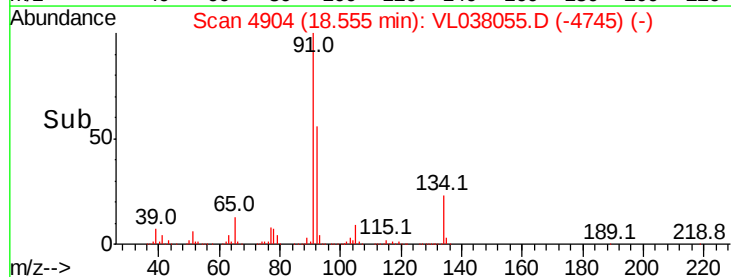
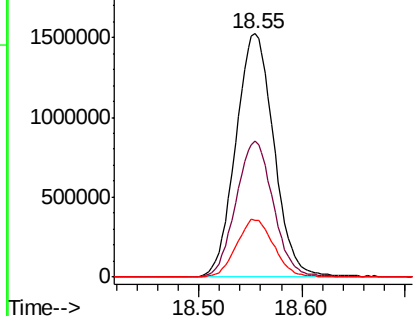


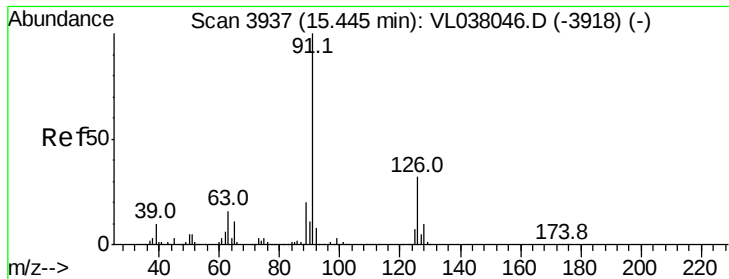
#70
 n-Butylbenzene
 Concen: 9.491 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T. 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion: 91 Resp: 3912684
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.1 66.1
 134 23.4 18.9 28.3



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): VL0





#71

2-Chlorotoluene

Concen: 8.935 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Nov 2021 15:46

Tot Ion:

Ion Ratio

91 100

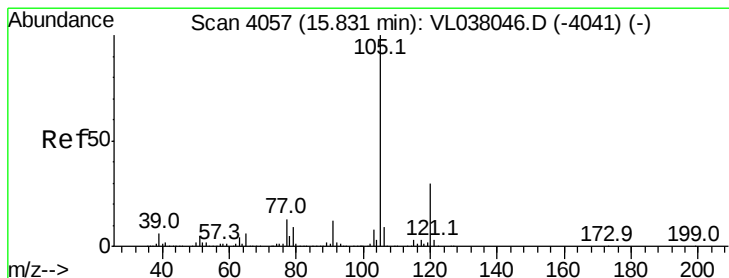
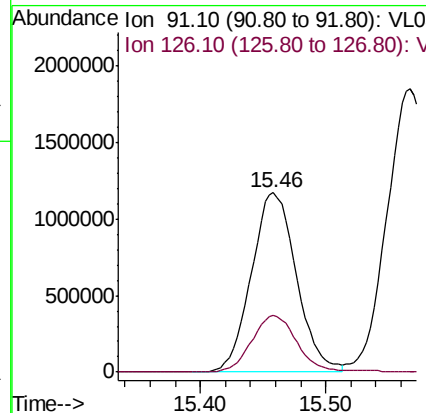
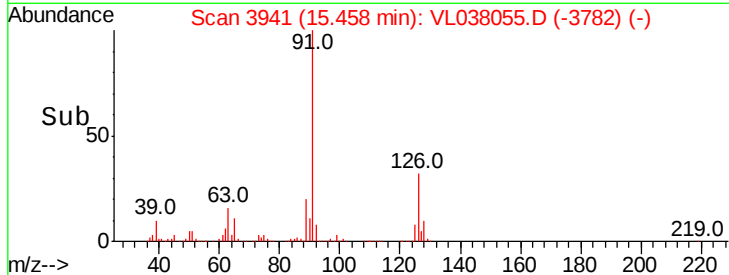
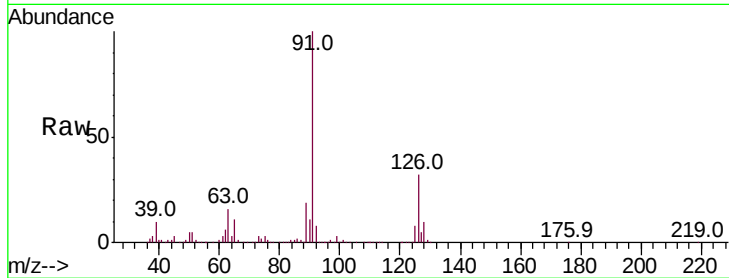
126 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#72

4-Ethyltoluene

Concen: 9.190 ppbv

RT: 15.84 min Scan# 4061

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

Tgt Ion:105 Resp: 3370073

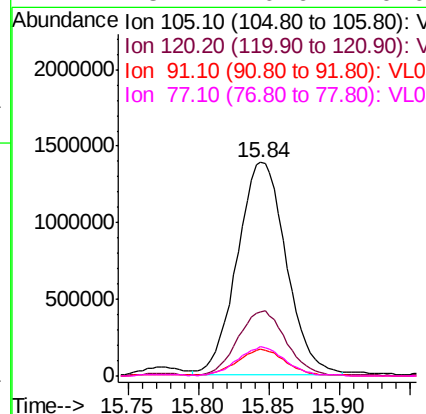
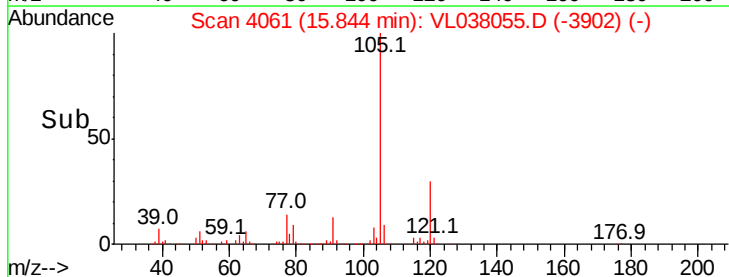
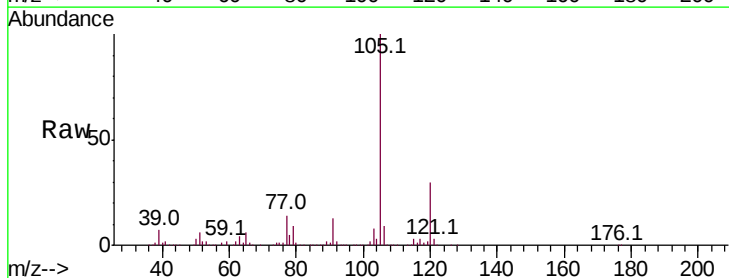
Ion Ratio Lower Upper

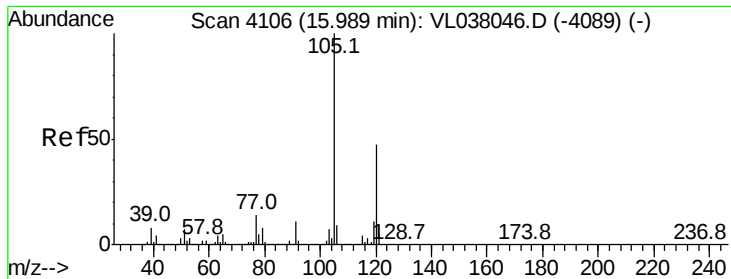
105 100

120 30.9 25.1 37.7

91 12.1 9.7 14.5

77 13.7 10.6 16.0

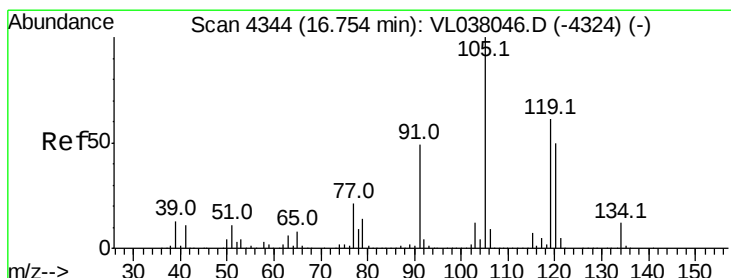
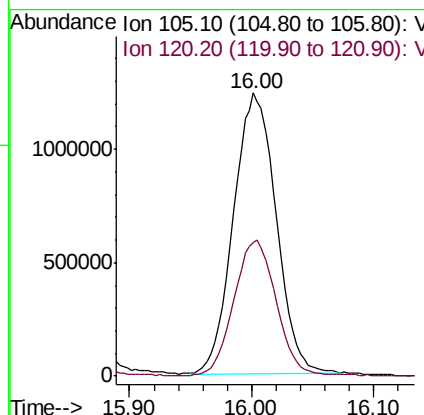
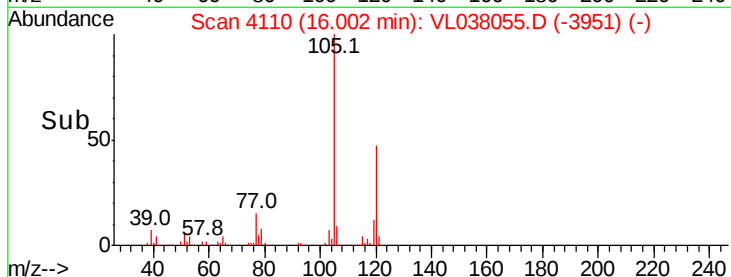
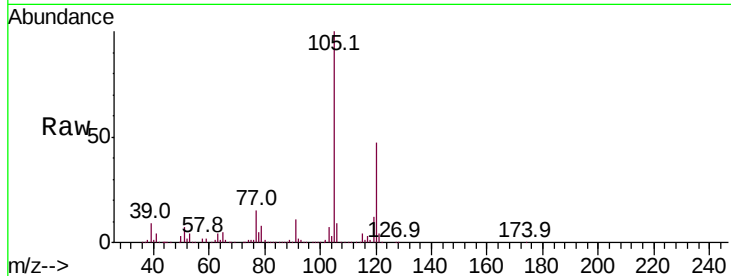




#73
 1,3,5-Trimethylbenzene
 Concen: 8.939 ppbv
 RT: 16.00 min
 Delta R.T. 0.02 min
 Lab File: VL1118ABS01
 Acq: 18 Nov 2021 15:46

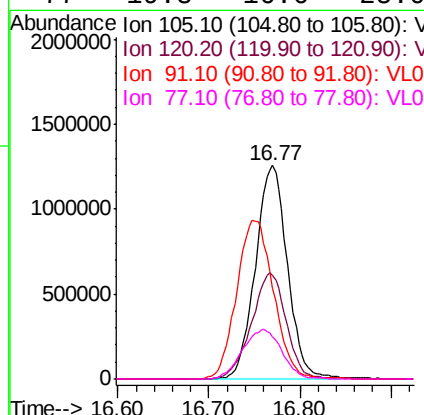
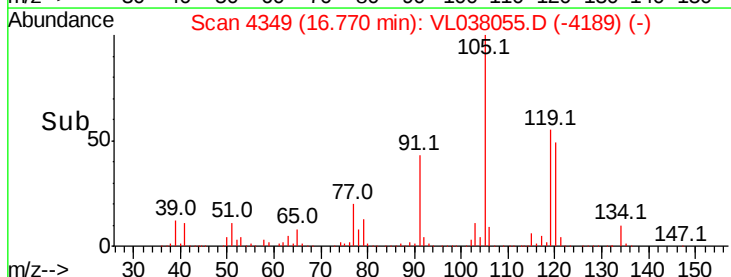
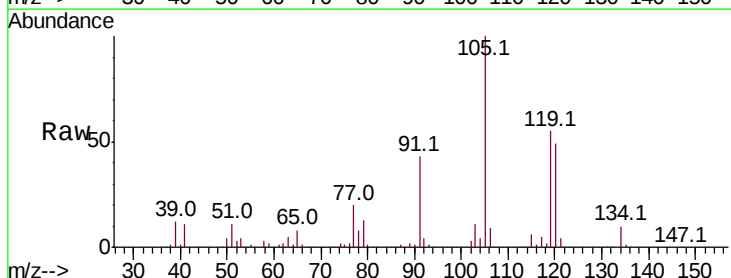
Manual Integrations
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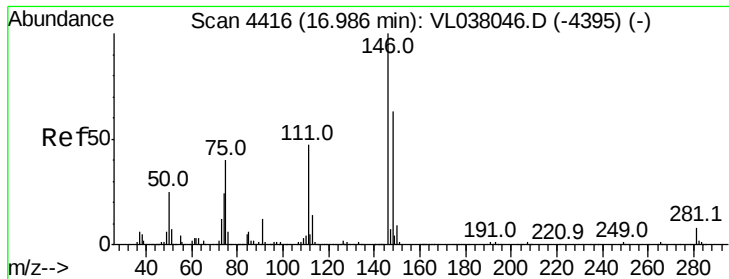
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 8.858 ppbv
 RT: 16.77 min Scan# 4349
 Delta R.T. 0.02 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion:105 Resp: 3057205
 Ion Ratio Lower Upper
 105 100
 120 48.6 40.1 60.1
 91 42.6 39.8 59.8
 77 19.8 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.315 ppbv

RT: 17.00

Delta R.T. MSVOA_1

Lab File: ClientSampled :

Acq: 18 Nov 2021 15:48

Tot Ion:1

Ion Rati

146 100

111 48.

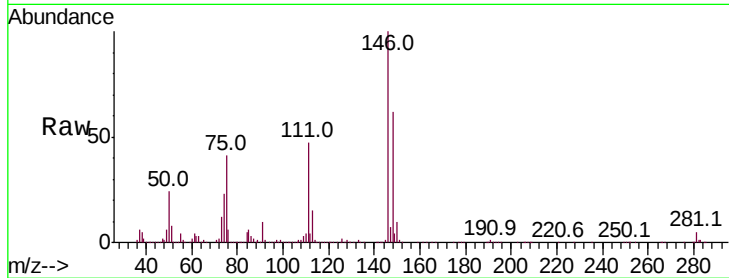
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

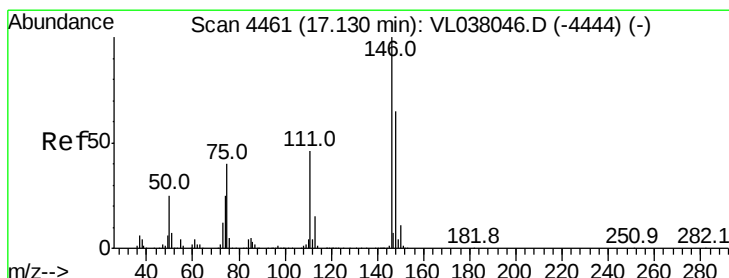
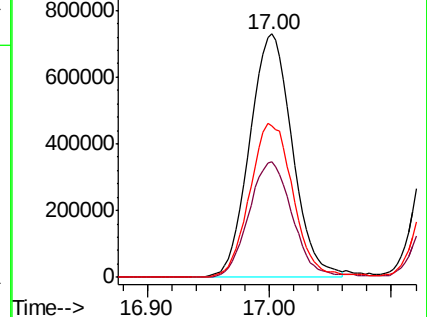
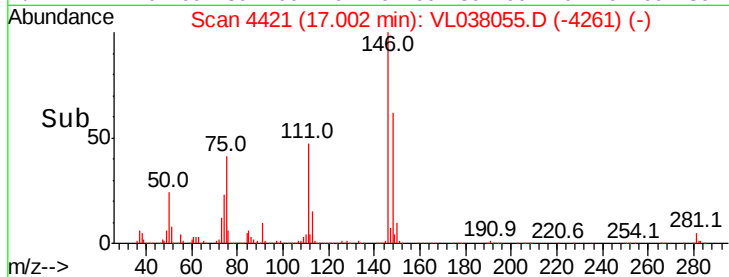
Supervised By :Mahesh Dadoda 11/29/2021



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: 9.063 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.01 min

Lab File: VL038055.D

Acq: 18 Nov 2021 15:46

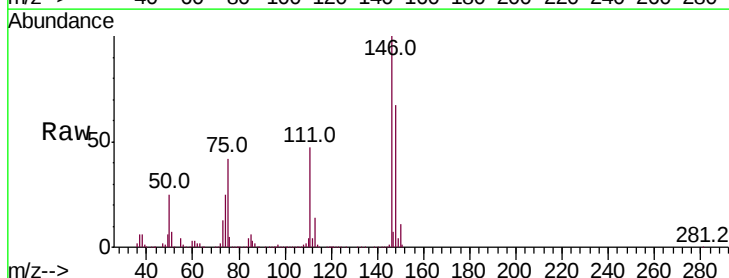
Tgt Ion:146 Resp: 1729046

Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.5

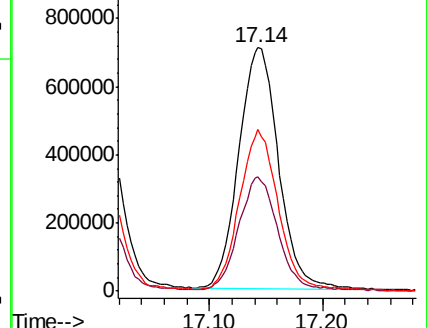
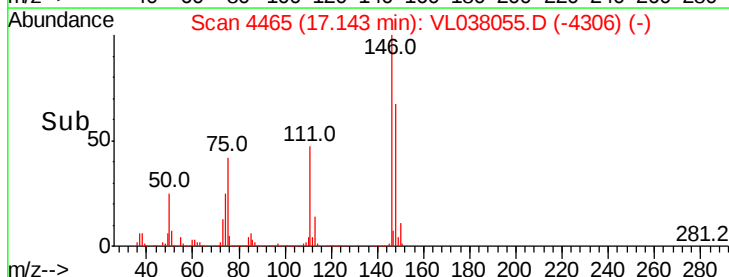
148 66.3 33.2 99.6

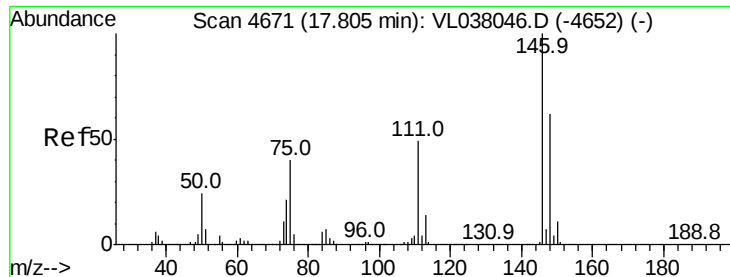


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



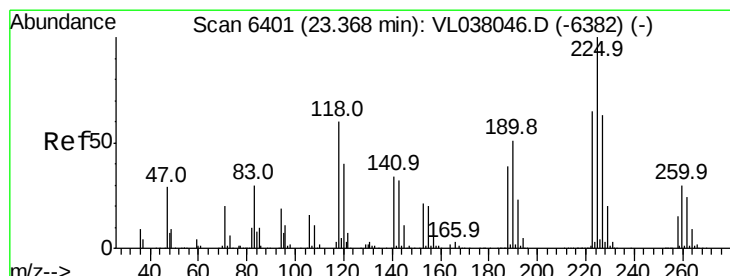
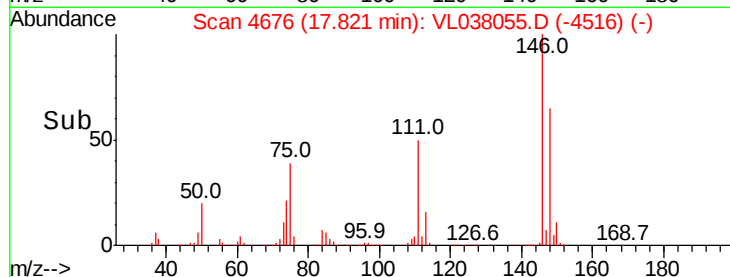
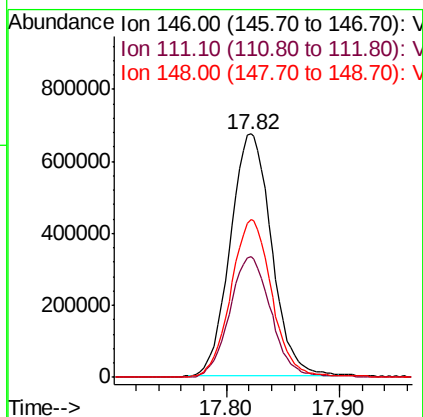
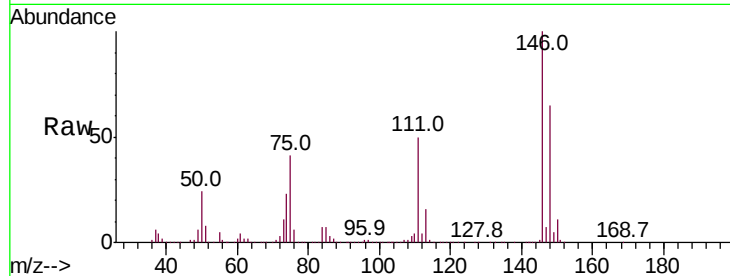


#77
 1,2-Dichlorobenzene
 Concen: 9.320 ppbv
 RT: 17.82 min
 Delta R.T.: 0.01 min
 Lab File: VL1118ABS01
 Acq: 18 Nov 2021 15:46

Tot Ion: 1
 Ion Ratio
 146 100
 111 49.1
 148 64.1

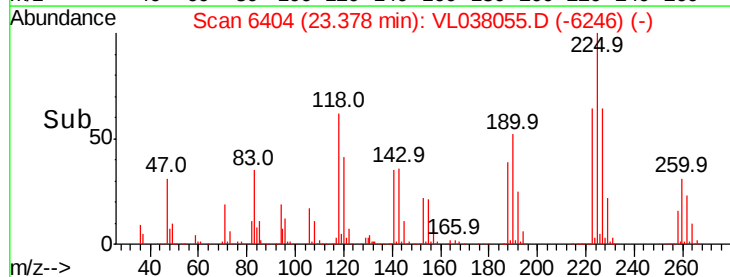
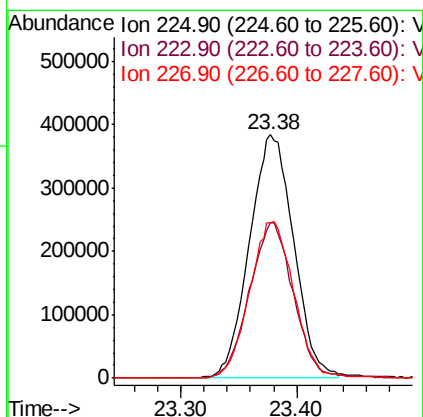
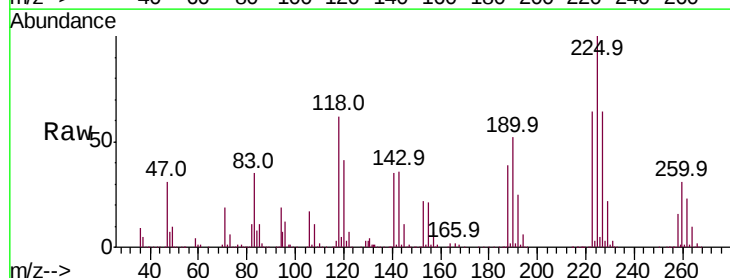
Manual Integrations
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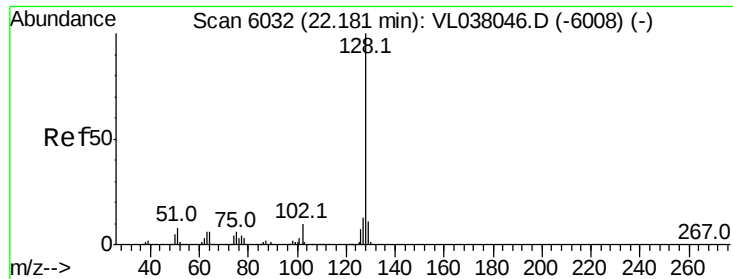
Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 8.883 ppbv
 RT: 23.38 min Scan# 6404
 Delta R.T.: 0.01 min
 Lab File: VL038055.D
 Acq: 18 Nov 2021 15:46

Tgt Ion: 225 Resp: 1018048
 Ion Ratio Lower Upper
 225 100
 223 63.6 52.3 78.5
 227 64.9 52.4 78.6



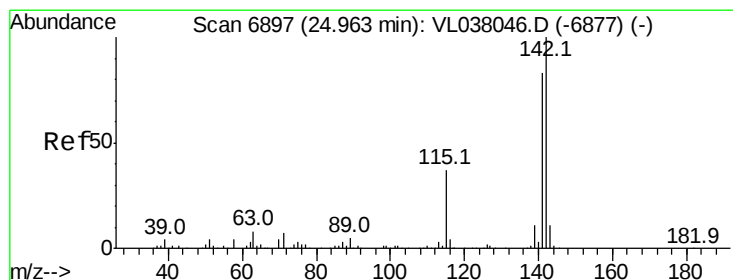
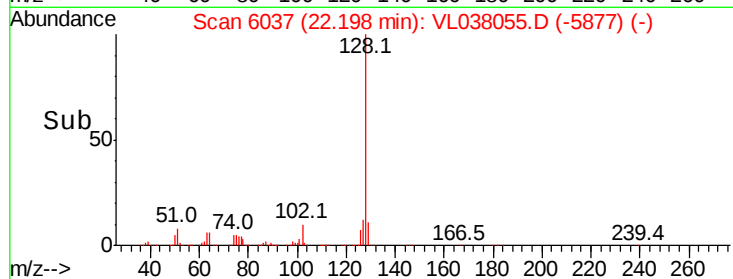
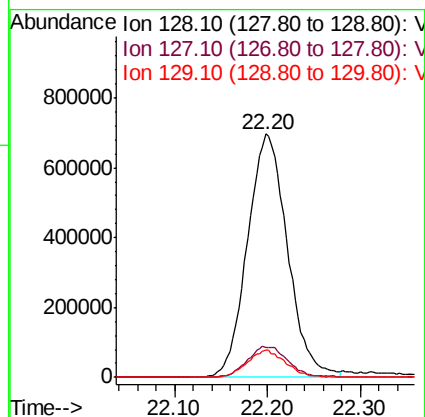
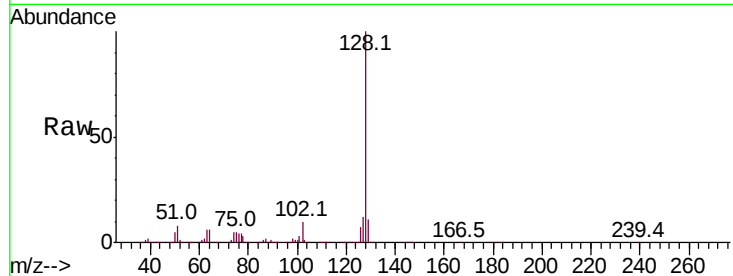


#79
Naphthalene
Concen: 11.509 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: VL1118ABS01
Acq: 18 Nov 2021 15:46

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

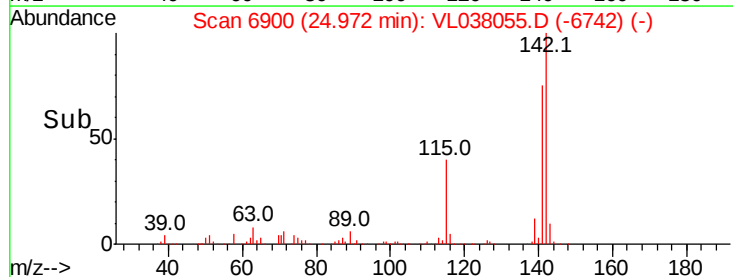
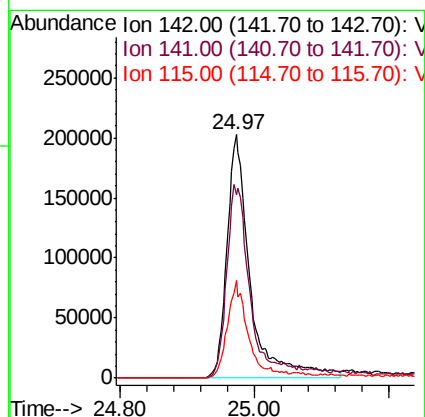
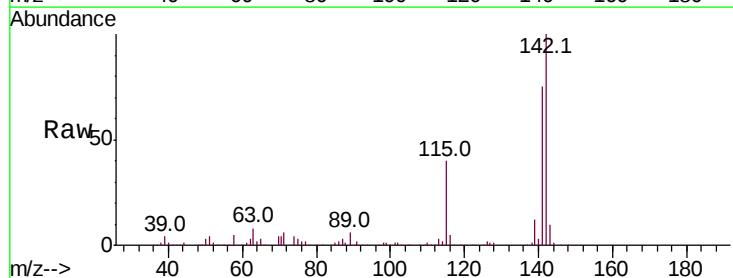
Manual Integrations
APPROVED

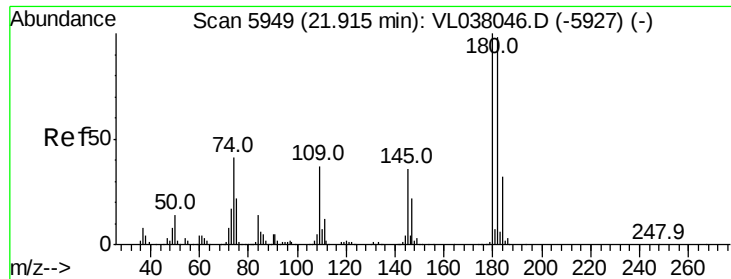
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 12.600 ppbv
RT: 24.97 min Scan# 6900
Delta R.T.: 0.01 min
Lab File: VL038055.D
Acq: 18 Nov 2021 15:46

Tgt Ion: 142 Resp: 490804
Ion Ratio Lower Upper
142 100
141 81.0 67.3 100.9
115 39.1 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.658 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL1118ABS01
 Acq: 18 Nov 2021 13:48

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

