

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038077.D
 Acq On : 19 Nov 2021 7:15
 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: Nov 22 06:31:25 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	5.65	49	738025	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2205347	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2008407m	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1480281	10.22	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.05	85	1208051	9.910 ppbv	99
3) Chlorodifluoromethane	2.99	51	1494356	9.642 ppbv	100
4) Chloromethane	3.14	50	500695	9.490 ppbv	100
5) Vinyl Chloride	3.26	62	515995	9.969 ppbv	94
6) Bromomethane	3.47	94	282003	10.171 ppbv	98
7) Chloroethane	3.56	64	168586	9.177 ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	1178272	9.716 ppbv	100
9) Propene	3.01	41	539146	9.445 ppbv	99
10) Heptane	8.11	43	1349094	9.563 ppbv	99
11) Trichlorofluoromethane	3.94	101	1121408	9.672 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	803787	9.801 ppbv	99
13) Ethanol	3.60	45	47503	8.612 ppbv	98
14) Bromoethene	3.74	108	362209	9.863 ppbv	97
15) Acetone	3.84	43	595991	9.314 ppbv	98
16) 1,3-Butadiene	3.32	39	493207	9.880 ppbv	99
17) tert-Butyl alcohol	4.28	59	713518	9.193 ppbv	100
18) 1,1-Dichloroethene	4.28	96	363483	9.661 ppbv	98
19) Isopropyl Alcohol	3.96	45	432076	9.345 ppbv #	95
20) Methylene Chloride	4.34	84	299062	8.344 ppbv	95
21) Allyl Chloride	4.40	41	564783	9.535 ppbv	98
22) trans-1,2-Dichloroethene	4.88	96	379458	9.957 ppbv	97
23) Vinyl Acetate	5.06	43	915002	9.878 ppbv	98
24) 1,1-Dichloroethane	5.00	63	786161	10.192 ppbv	98
25) Ethyl Acetate	5.66	43	2050072	9.640 ppbv	99
26) Hexane	5.68	57	953527	9.302 ppbv	99
27) Carbon Disulfide	4.55	76	916169	9.978 ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	866083	9.947 ppbv	100
29) Chloroform	5.74	83	1453103	9.619 ppbv	98
30) Cyclohexane	7.12	84	870847	9.358 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	962348	9.869 ppbv	98
32) 1,1,1-Trichloroethane	6.50	97	1465925	9.561 ppbv	99
34) 2-Butanone	5.24	43	853455	9.597 ppbv	98
35) Carbon Tetrachloride	7.01	117	1509513	9.742 ppbv	99
36) Benzene	6.88	78	2111151	9.597 ppbv	100
37) 1,2-Dichloroethane	6.29	62	1075134	10.119 ppbv	99
38) Trichloroethene	7.82	130	767529	9.249 ppbv	98
39) 1,2-Dichloropropane	7.60	63	821343	9.733 ppbv	97
40) 1,4-Dioxane	7.82	88	196048	8.917 ppbv #	1
41) Tetrahydrofuran	6.04	42	537747	9.741 ppbv	98
42) Bromodichloromethane	7.78	83	1609060	9.962 ppbv	100
43) Methyl Methacrylate	8.00	69	785633	10.439 ppbv	99

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 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 22 06:31:25 2021
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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3425244	9.306	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	704933	11.677	ppbv	97
46) cis-1,3-Dichloropropene	8.69	75	889024	10.888	ppbv	98
47) 1,1,2-Trichloroethane	9.46	97	853335	9.655	ppbv	99
48) Dibromochloromethane	10.28	129	1371005	10.186	ppbv	100
49) Bromoform	13.02	173	1013269	10.523	ppbv	97
50) 4-Methyl-2-Pentanone	8.73	43	1362560	10.089	ppbv	100
51) 2-Hexanone	10.12	43	655344	10.314	ppbv	99
52) Tetrachloroethene	11.20	164	705467	8.667	ppbv	96
53) Toluene	9.79	91	2425216	9.582	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1240381	9.936	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.11	131	875046	9.598	ppbv	99
57) Chlorobenzene	12.13	112	1707282	9.484	ppbv	99
58) Ethyl Benzene	12.69	91	3185478	9.596	ppbv	100
59) m/p-Xylene	12.98	91	5205152m	18.627	ppbv	
60) o-Xylene	13.67	91	2400968	9.262	ppbv	99
61) Styrene	13.51	104	1397305	10.054	ppbv	99
62) Isopropylbenzene	14.65	105	3373477	9.168	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.66	83	1723245	8.950	ppbv	99
64) n-propylbenzene	15.54	120	894403	9.541	ppbv	98
65) tert-Butylbenzene	16.73	119	2912974	8.986	ppbv	99
66) Benzyl Chloride	16.97	91	160566	9.773	ppbv	97
67) sec-Butylbenzene	17.27	105	4166564	9.224	ppbv	100
69) p-Isopropyltoluene	17.64	119	3409809	9.650	ppbv	99
70) n-Butylbenzene	18.53	91	3374340	9.988	ppbv	100
71) 2-Chlorotoluene	15.44	91	2560822	9.519	ppbv	99
72) 4-Ethyltoluene	15.82	105	2918397	9.710	ppbv	99
73) 1,3,5-Trimethylbenzene	15.98	105	2610747	9.511	ppbv	99
74) 1,2,4-Trimethylbenzene	16.74	105	2700577	9.547	ppbv	97
75) 1,3-Dichlorobenzene	16.98	146	1547470	9.960	ppbv	100
76) 1,4-Dichlorobenzene	17.12	146	1493897	9.555	ppbv	99
77) 1,2-Dichlorobenzene	17.80	146	1469929	9.771	ppbv	99
78) Hexachloro-1,3-Butadiene	23.36	225	792088	8.433	ppbv	98
79) Naphthalene	22.17	128	1539743	10.336	ppbv	99
80) Naphthalene, 2-methyl-	24.95	142	383389	12.009	ppbv	96
81) 1,2,4-Trichlorobenzene	21.91	180	839412	9.806	ppbv	100

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

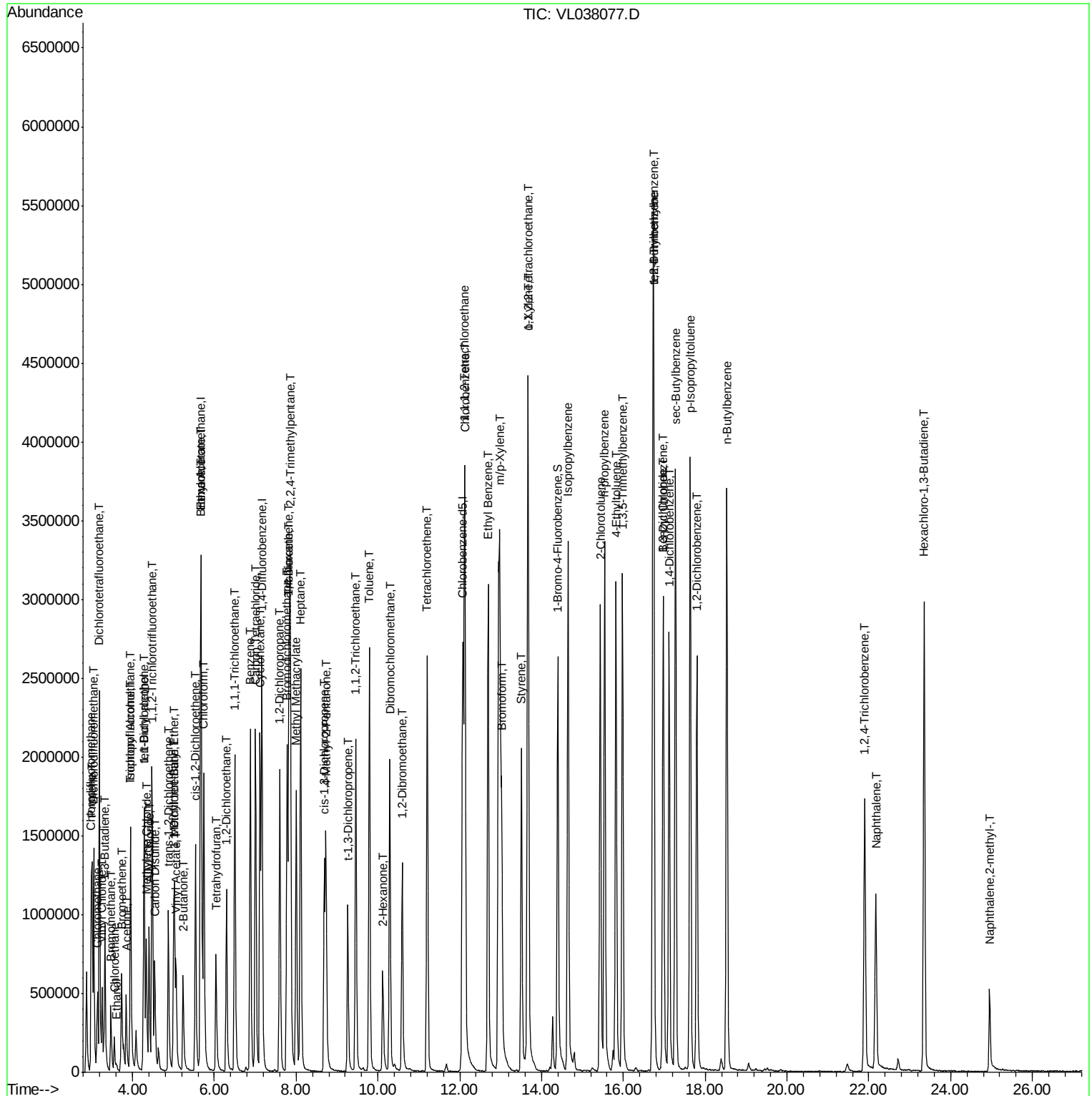
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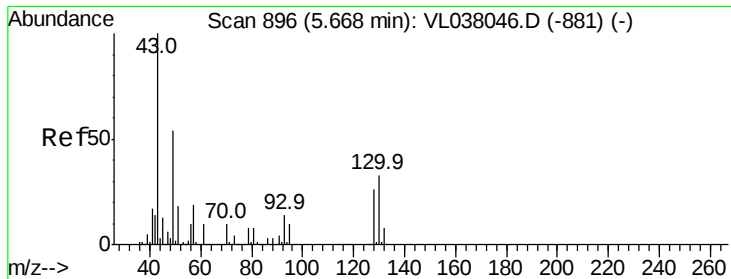
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

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Supervised By :Mahesh Dadoda 11/29/2021





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 19 Nov 2021 7:15

Tot Ion:

Ion Ratio

49 100

128 51.

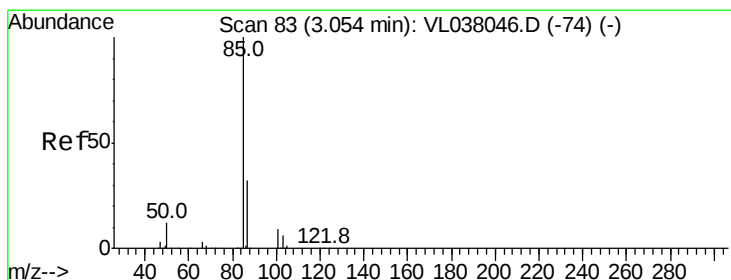
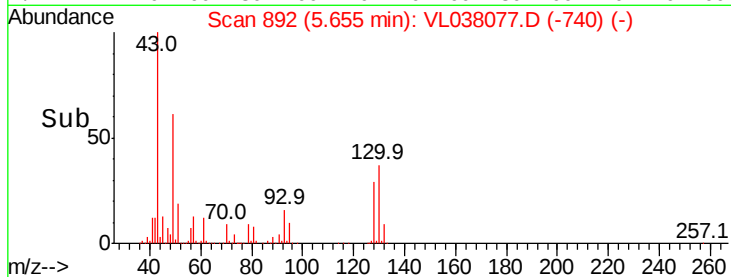
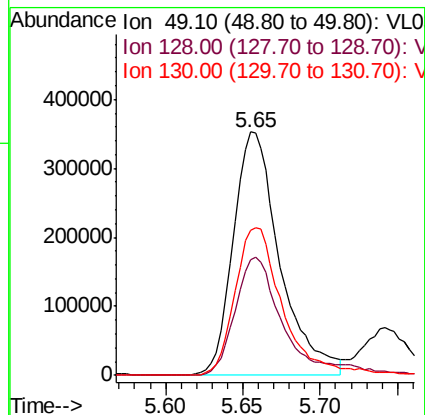
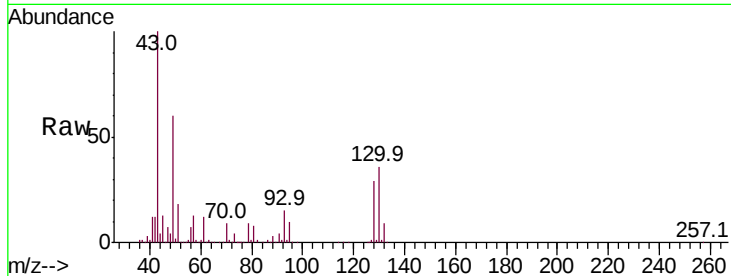
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 9.910 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.01 min

Lab File: VL038077.D

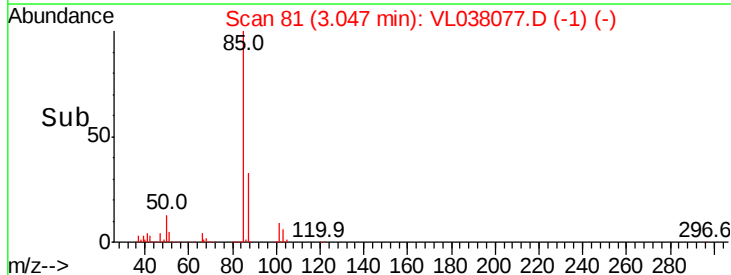
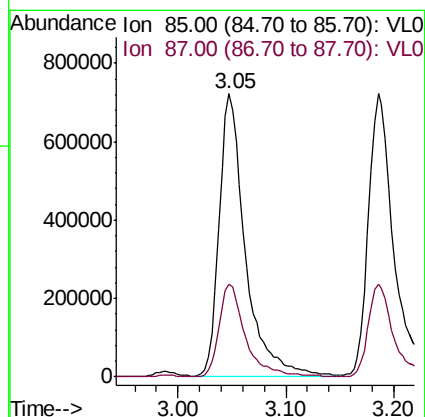
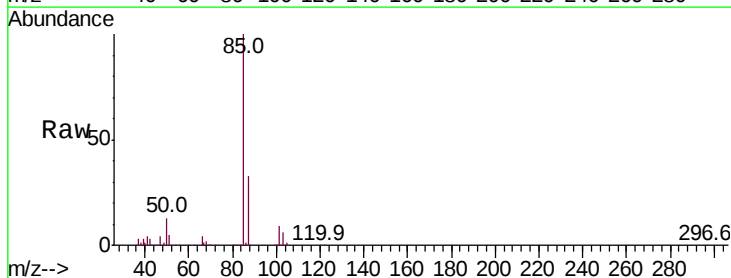
Acq: 19 Nov 2021 7:15

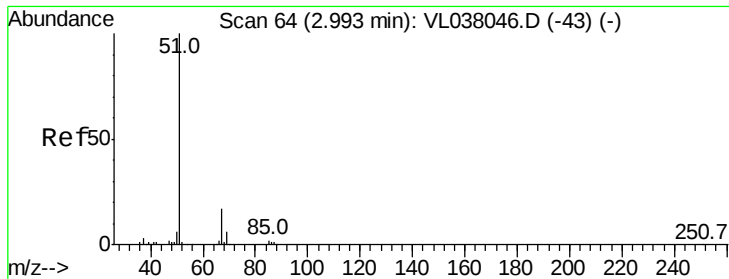
Tgt Ion: 85 Resp: 1208051

Ion Ratio Lower Upper

85 100

87 32.7 25.8 38.6





#3

Chlorodifluoromethane

Concen: 9.642 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

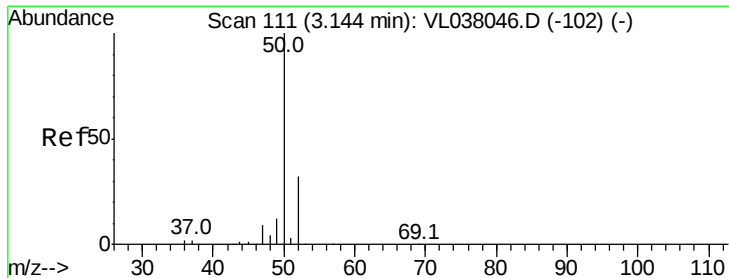
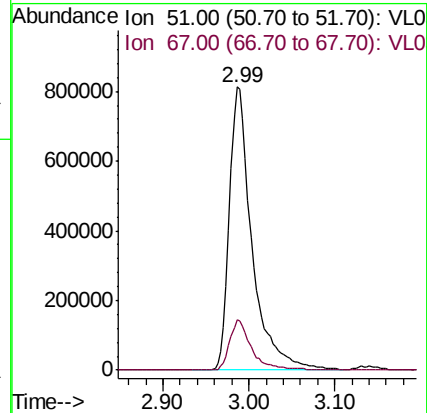
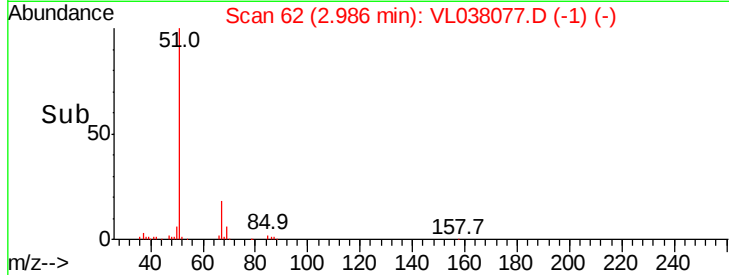
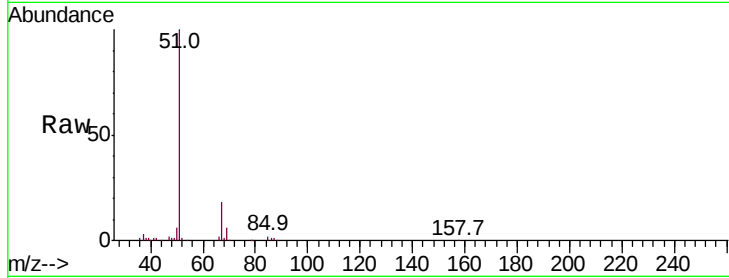
67 17.

Manual Integrations

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#4

Chloromethane

Concen: 9.490 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL038077.D

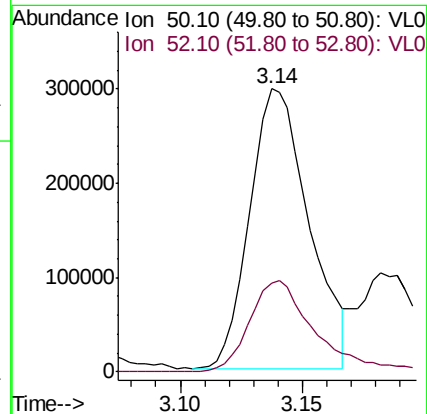
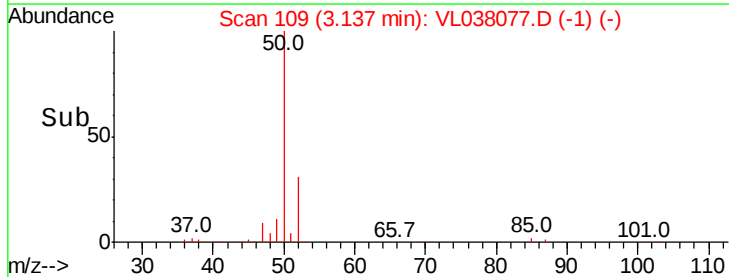
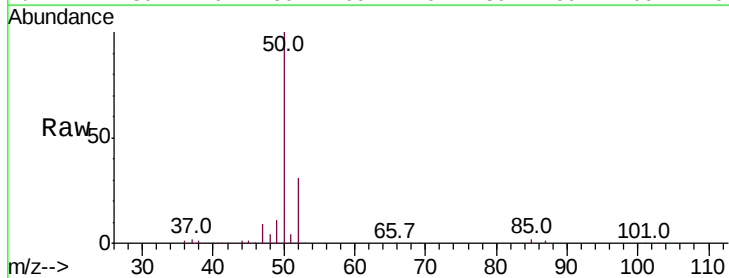
Acq: 19 Nov 2021 7:15

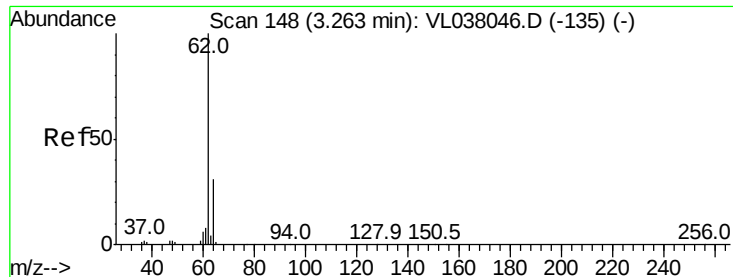
Tgt Ion: 50 Resp: 500695

Ion Ratio Lower Upper

50 100

52 31.6 25.4 38.0





#5

Vinyl Chloride

Concen: 9.969 ppbv

RT: 3.26 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

62 100

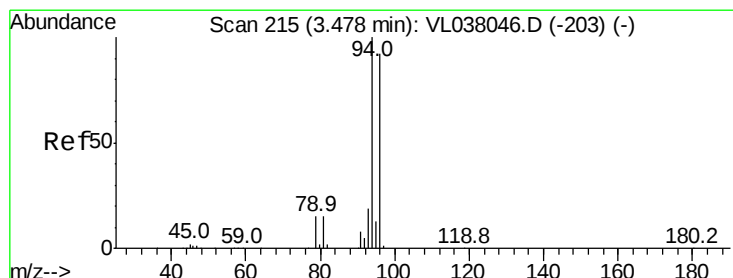
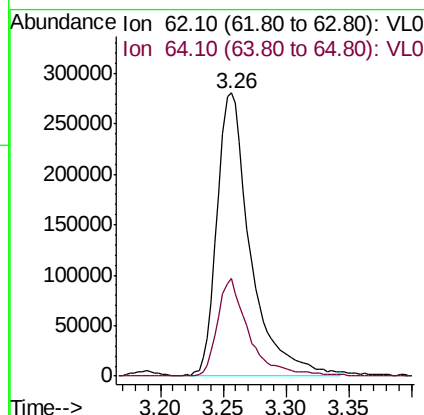
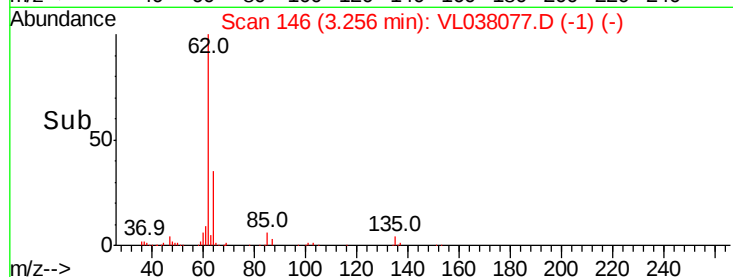
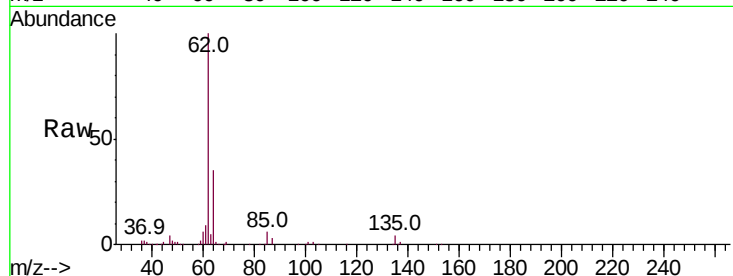
64 34.

Manual Integrations

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Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 10.171 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL038077.D

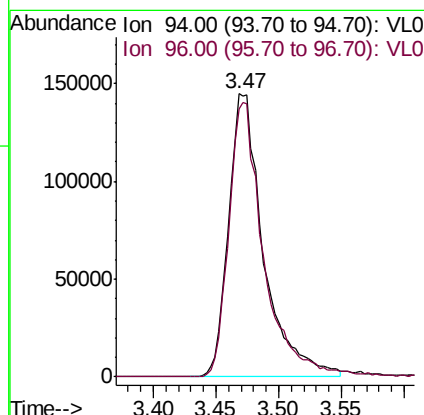
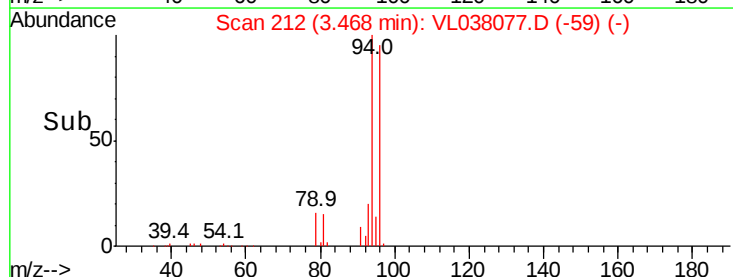
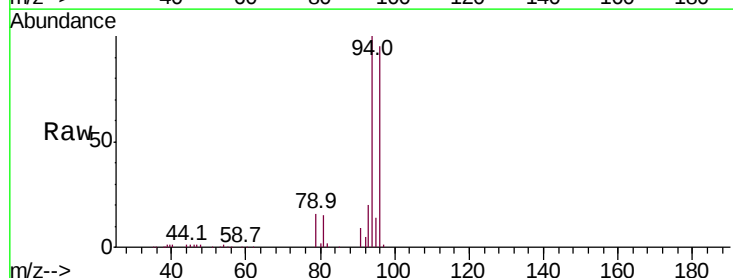
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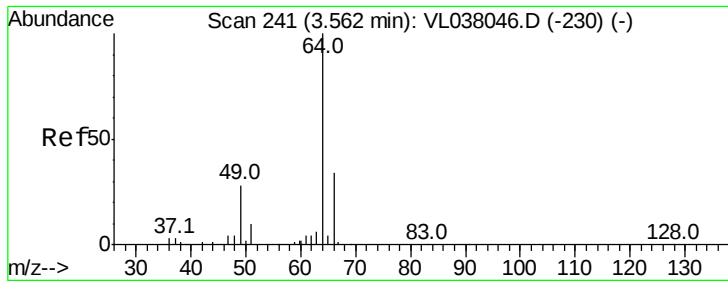
Tgt Ion: 94 Resp: 282003

Ion Ratio Lower Upper

94 100

96 94.6 73.9 110.9





#7

Chloroethane

Concen: 9.177 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

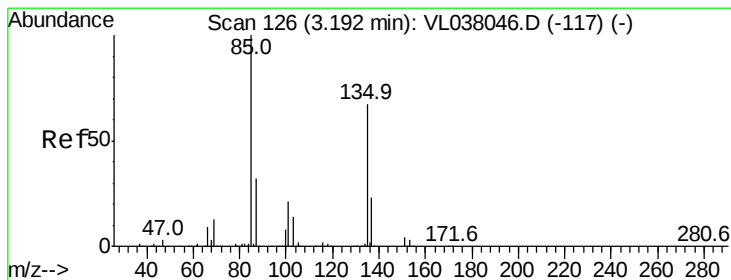
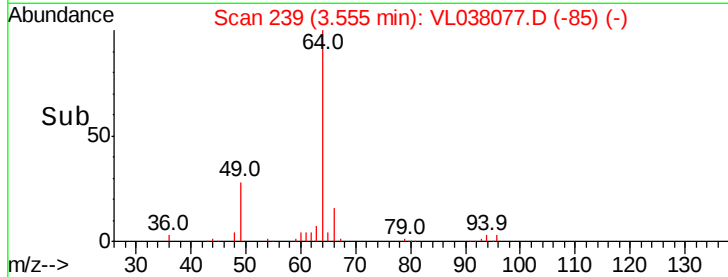
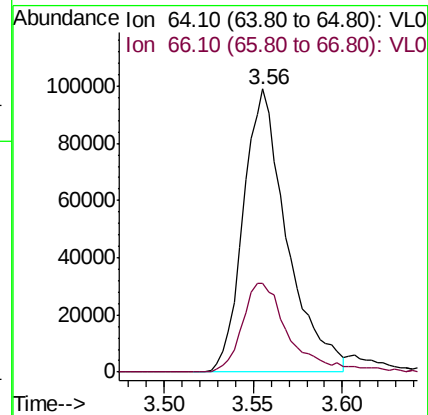
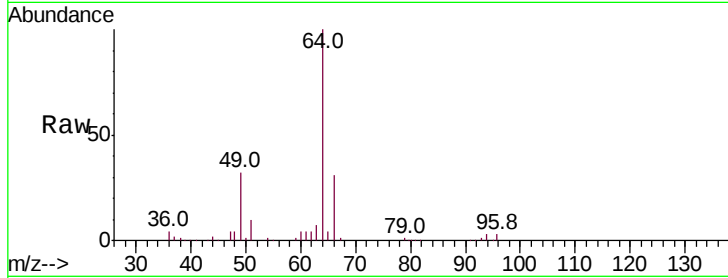
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.716 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.01 min

Lab File: VL038077.D

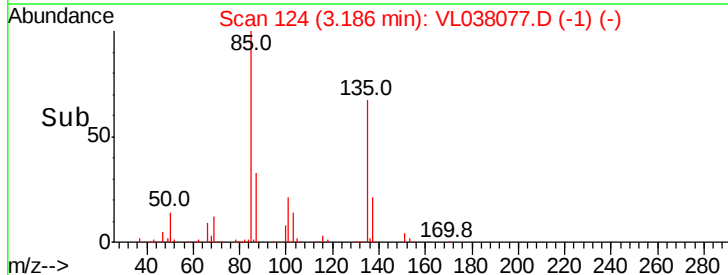
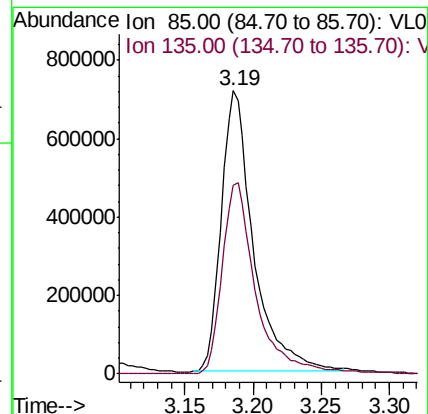
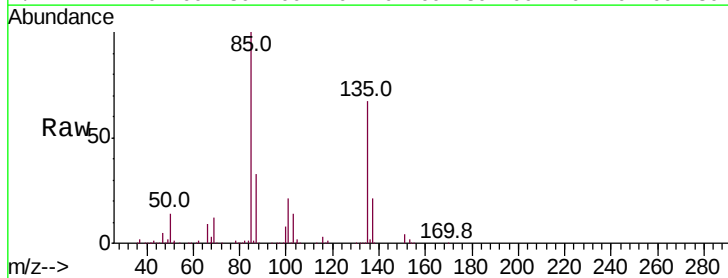
Acq: 19 Nov 2021 7:15

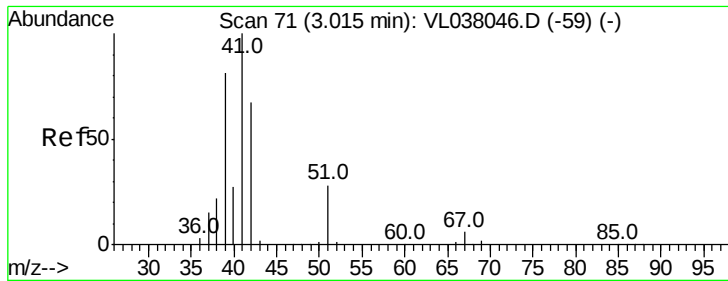
Tgt Ion: 85 Resp: 1178272

Ion Ratio Lower Upper

85 100

135 72.1 57.9 86.9



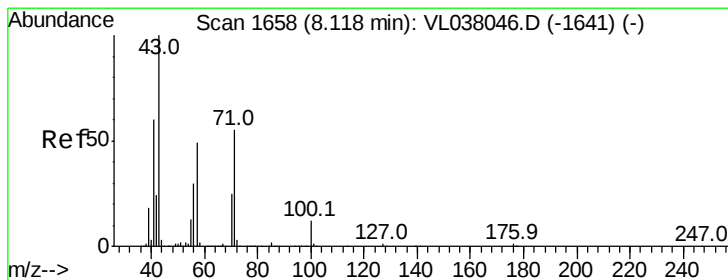
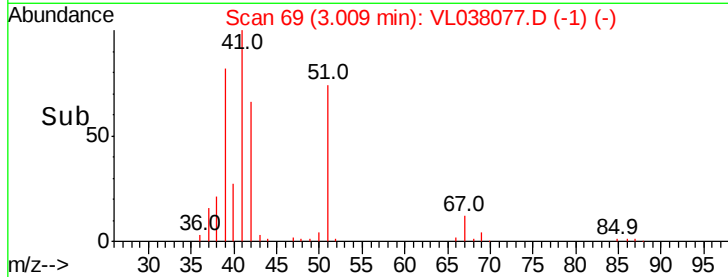
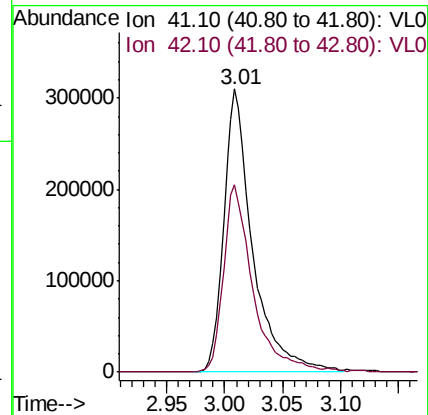
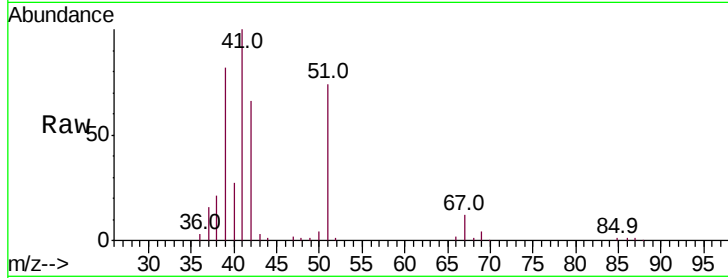


#9
 Propene
 Concen: 9.445 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:
 Ion Ratio
 41 100
 42 68.

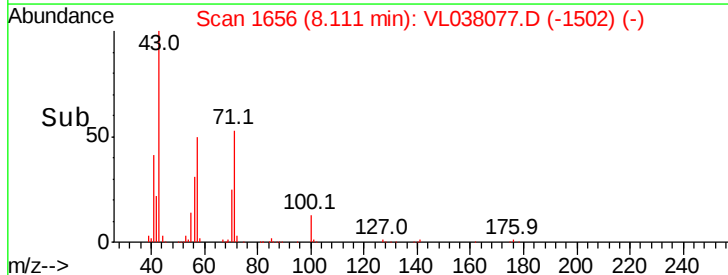
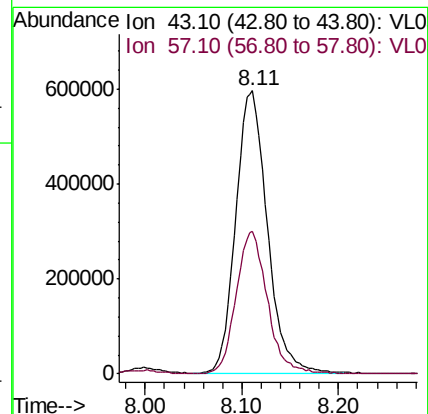
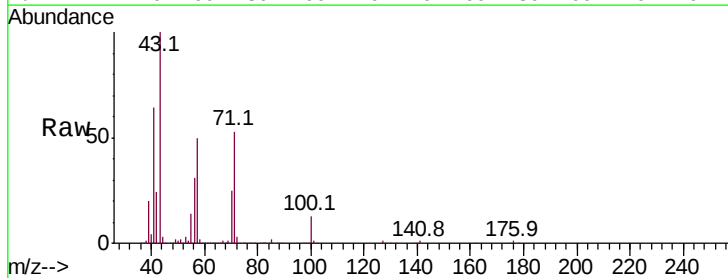
Manual Integrations
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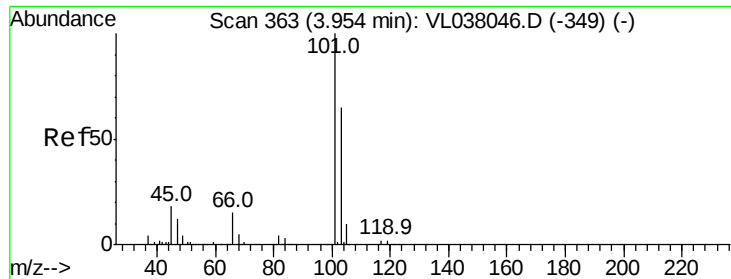
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#10
 Heptane
 Concen: 9.563 ppbv
 RT: 8.11 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion: 43 Resp: 1349094
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.4 60.6



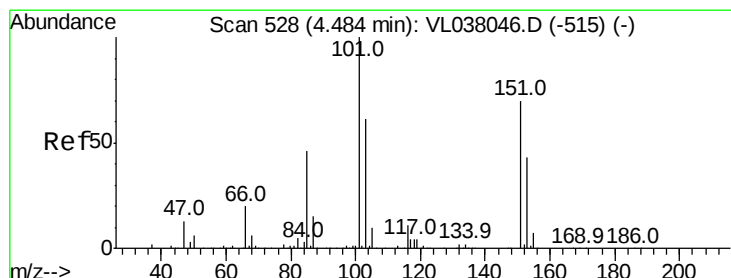
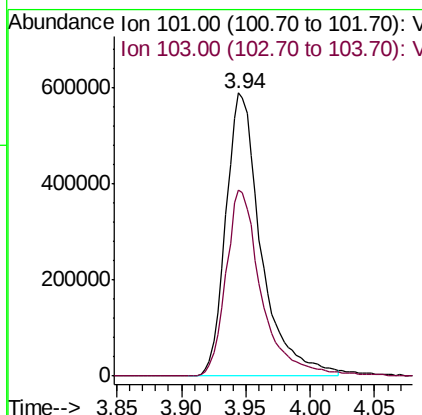
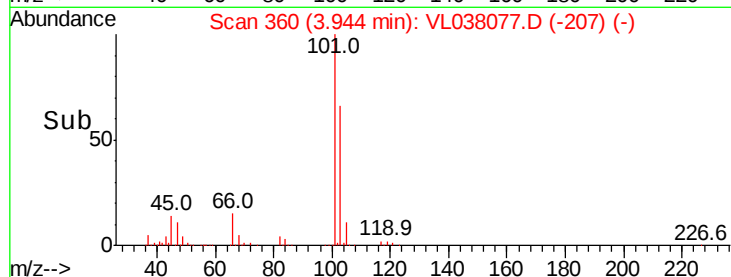
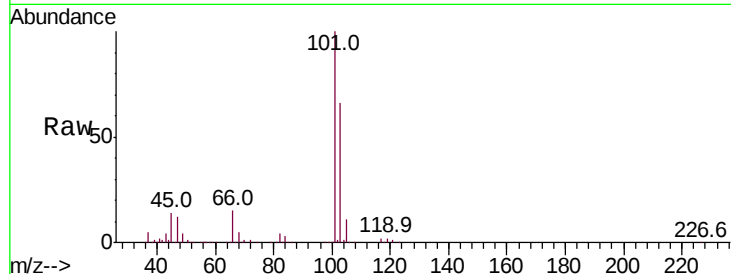


#11
 Trichlorofluoromethane
 Concen: 9.672 ppbv
 RT: 3.94
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:1
 Ion Rati
 101 100
 103 65.

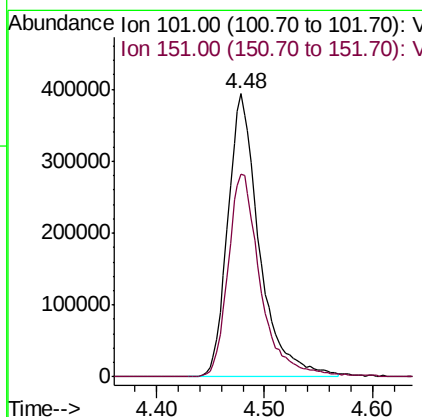
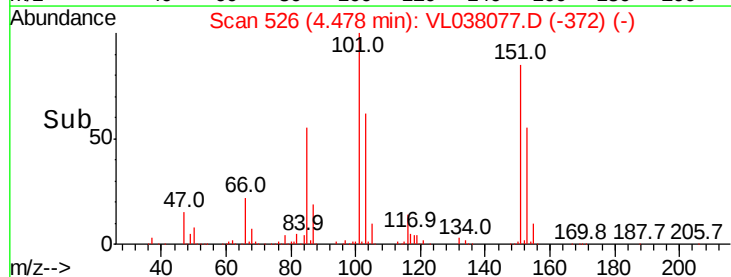
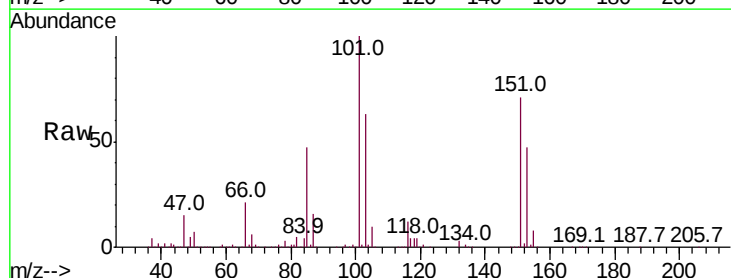
Manual Integrations
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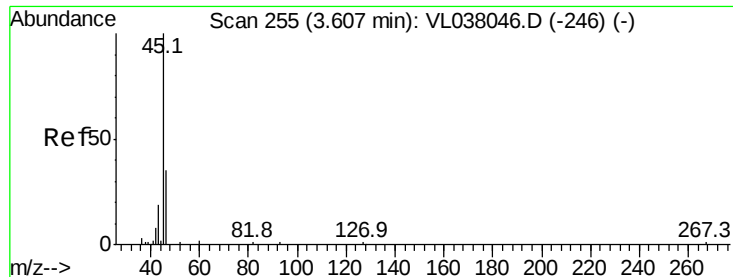
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.801 ppbv
 RT: 4.48 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion:101 Resp: 803787
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.0 88.4



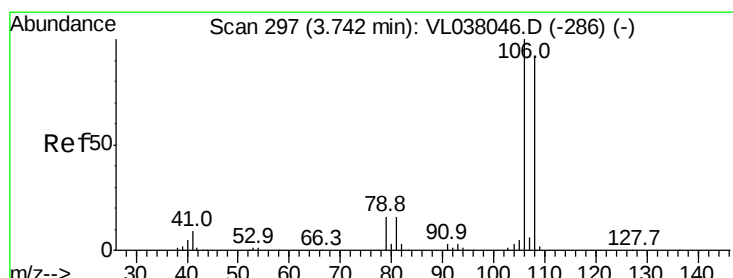
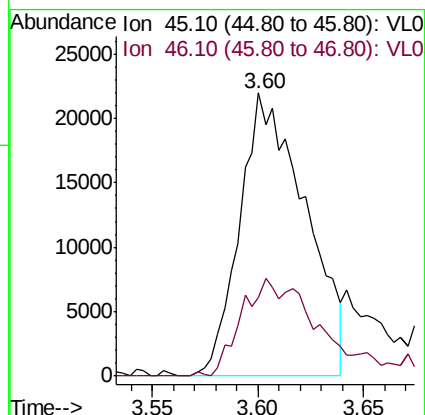
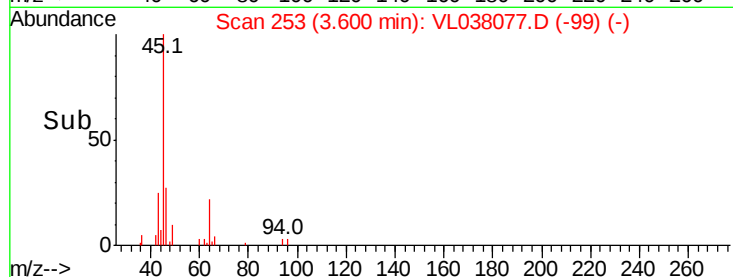
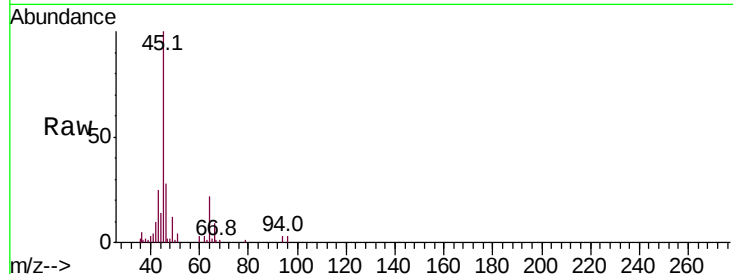


#13
Ethanol
Concen: 8.612 ppbv
RT: 3.60
Delta R.T.:
Lab File: VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:
Ion Ratio
45 100
46 45.

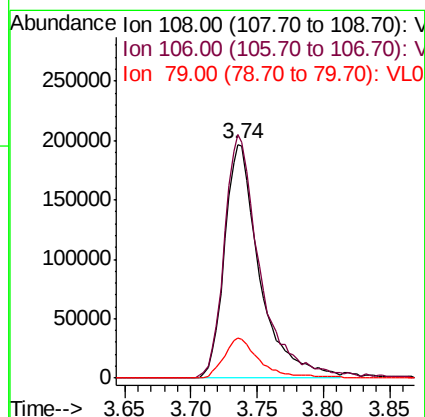
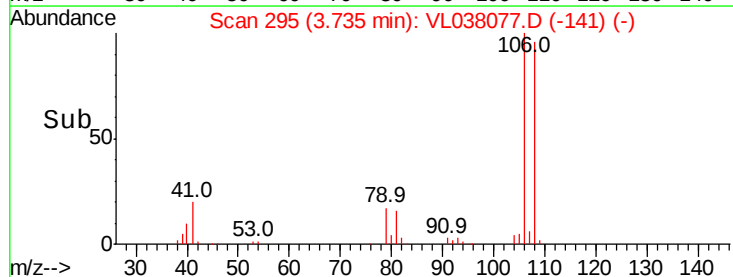
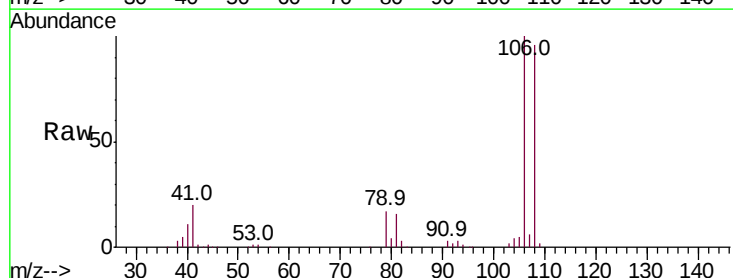
Manual Integrations
APPROVED

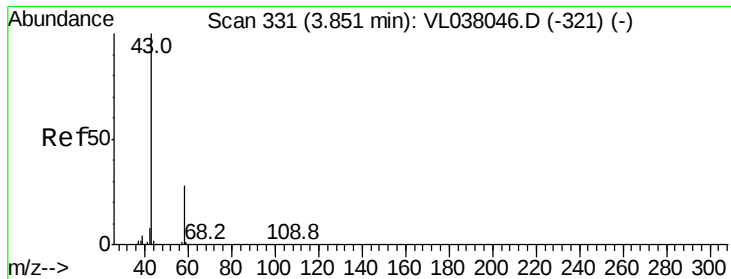
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Bromoethene
Concen: 9.863 ppbv
RT: 3.74 min Scan# 295
Delta R.T.: -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion:108 Resp: 362209
Ion Ratio Lower Upper
108 100
106 107.8 89.4 134.0
79 17.7 14.1 21.1

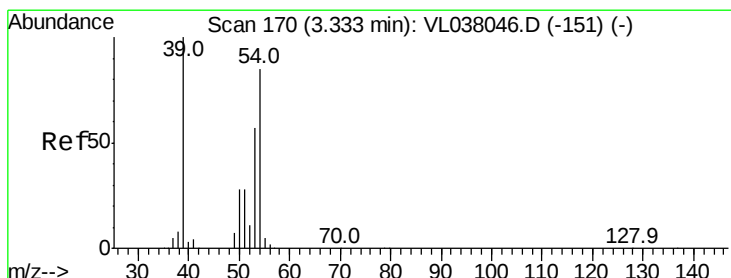
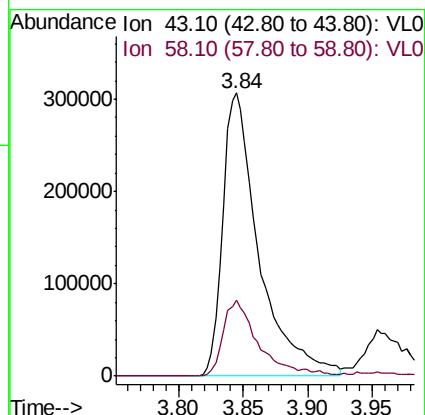
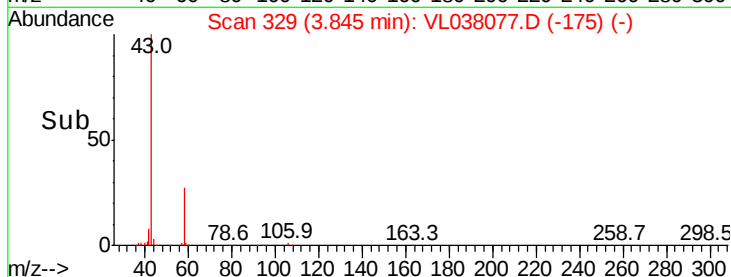
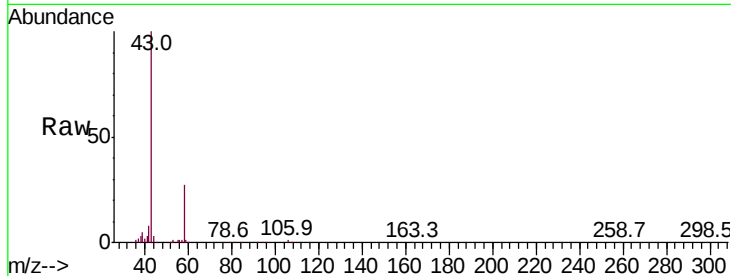




#15
Acetone
Concen: 9.314 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Nov 2021 7:15

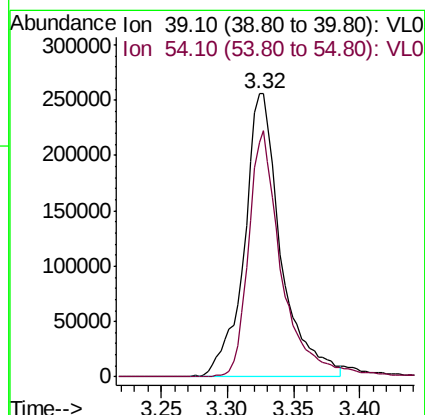
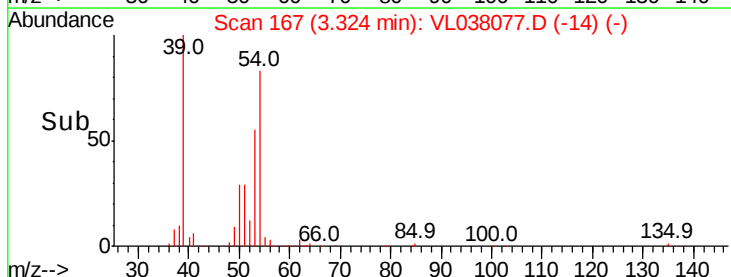
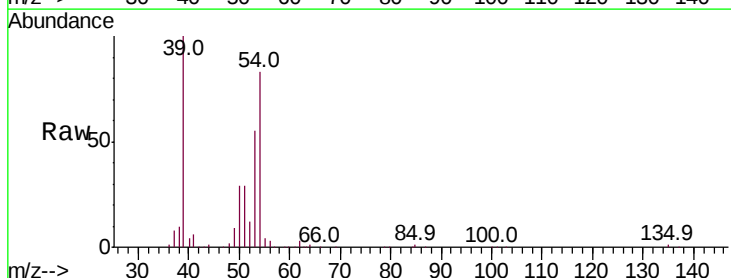
Manual Integrations
APPROVED

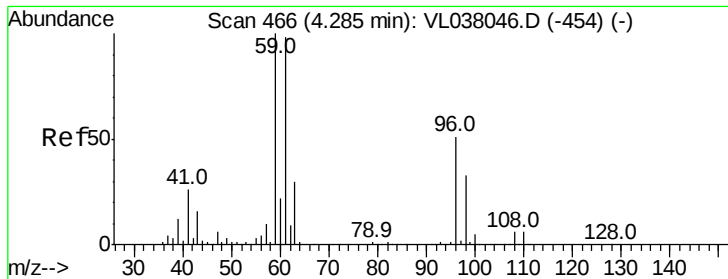
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#16
1,3-Butadiene
Concen: 9.880 ppbv
RT: 3.32 min Scan# 167
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 39 Resp: 493207
Ion Ratio Lower Upper
39 100
54 79.3 64.4 96.6





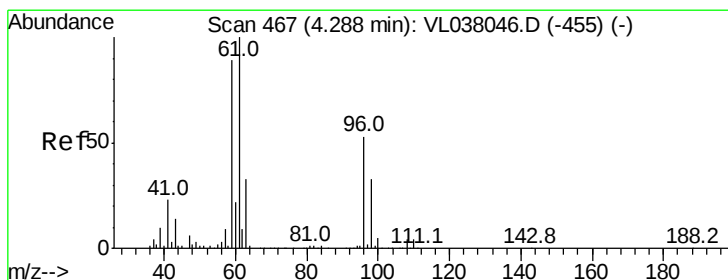
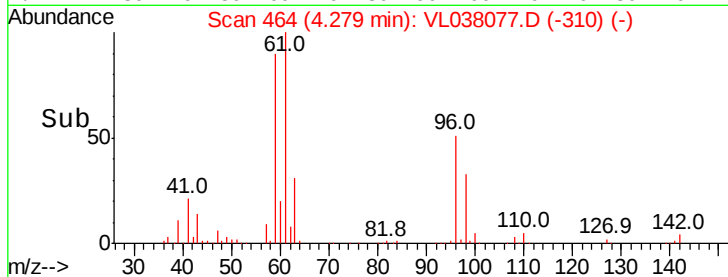
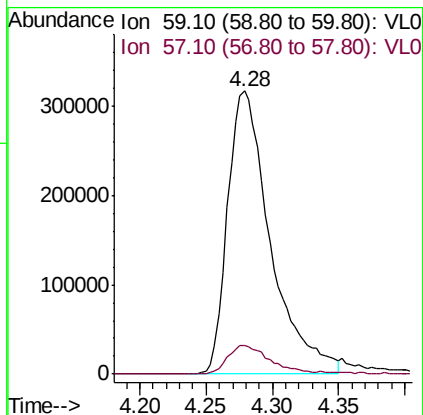
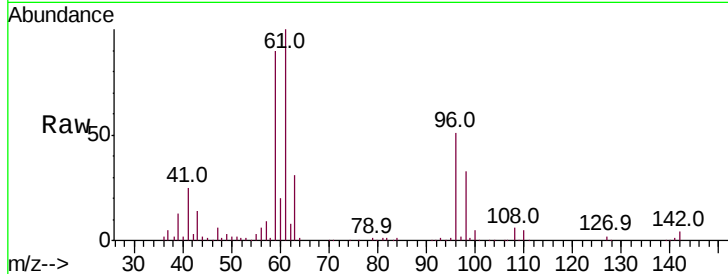
#17

tert-Butyl alcohol
Concen: 9.193 ppbv
RT: 4.28
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:
Ion Ratio
59 100
57 11.

Manual Integrations
APPROVED

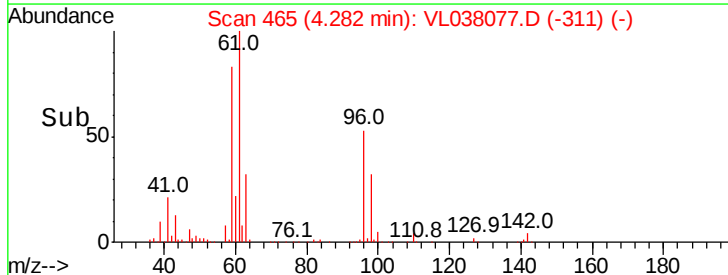
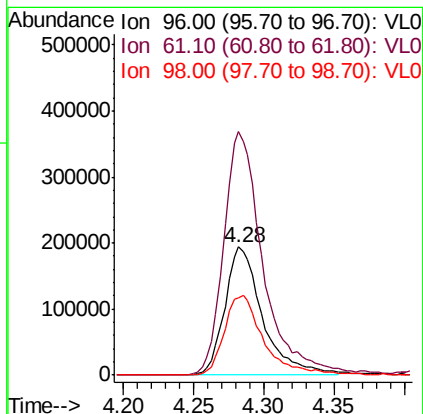
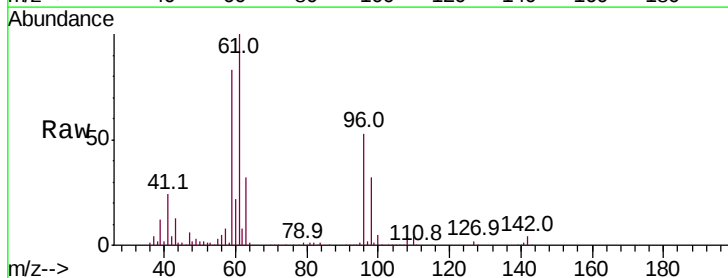
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021

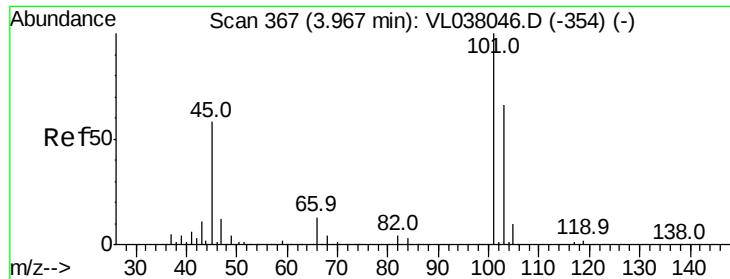


#18

1,1-Dichloroethene
Concen: 9.661 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 96 Resp: 363483
Ion Ratio Lower Upper
96 100
61 190.0 149.8 224.8
98 60.0 50.2 75.2





#19

Isopropyl Alcohol

Concen: 9.345 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 7:15

Tot Ion:

Ion Ratio

45 100

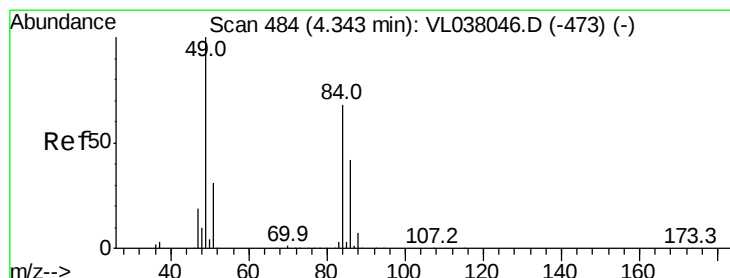
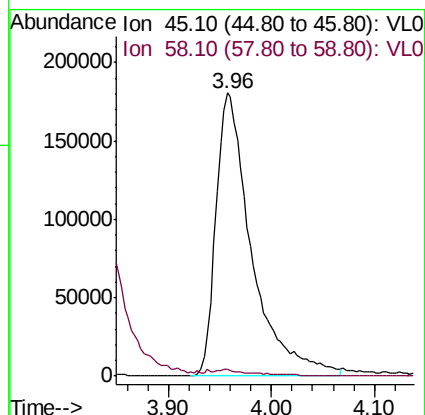
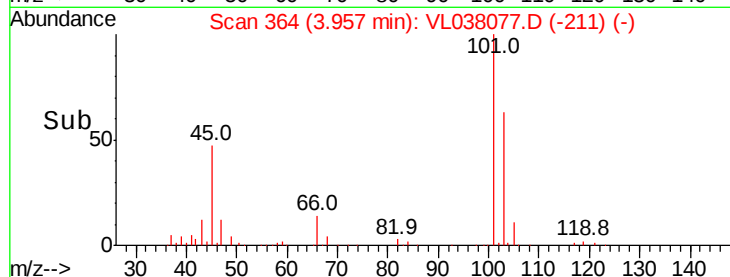
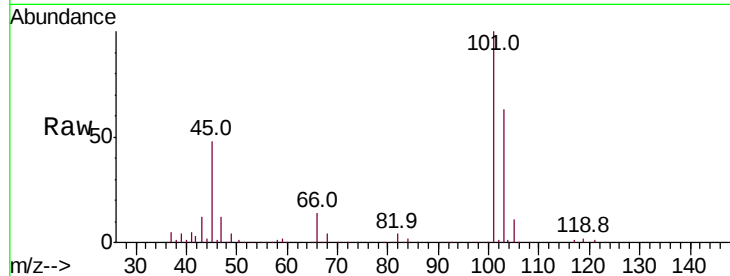
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 8.344 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

Tgt Ion: 84 Resp: 299062

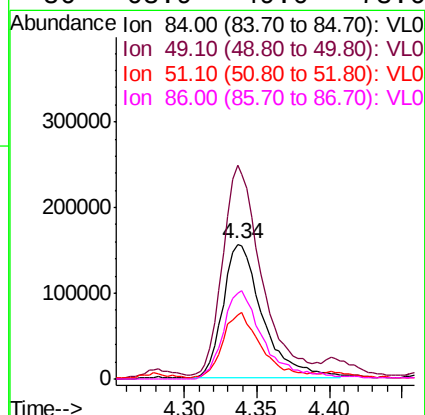
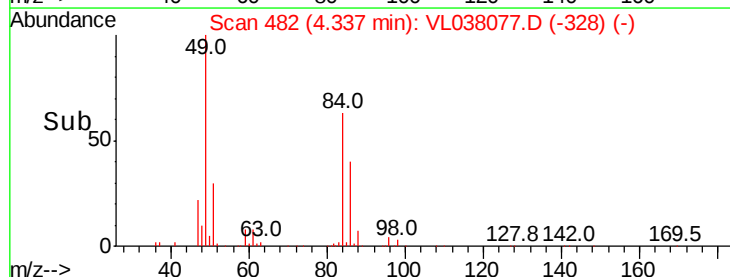
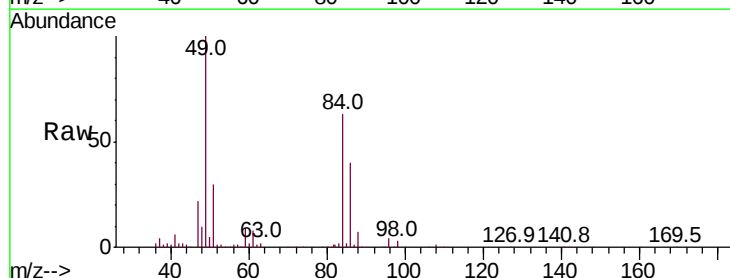
Ion Ratio Lower Upper

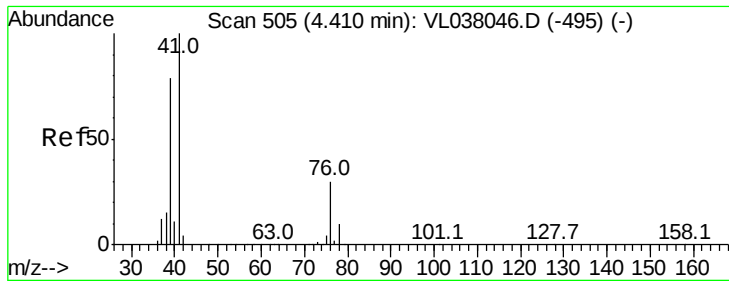
84 100

49 156.3 118.2 177.2

51 46.7 36.8 55.2

86 63.9 49.0 73.6



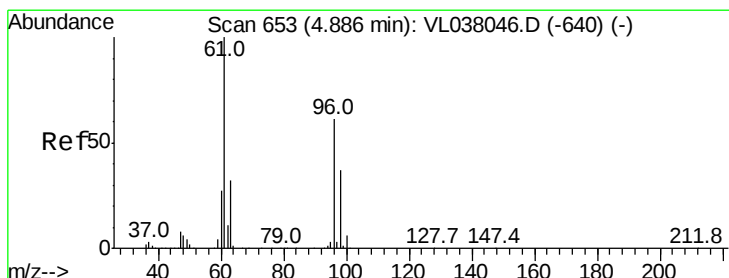
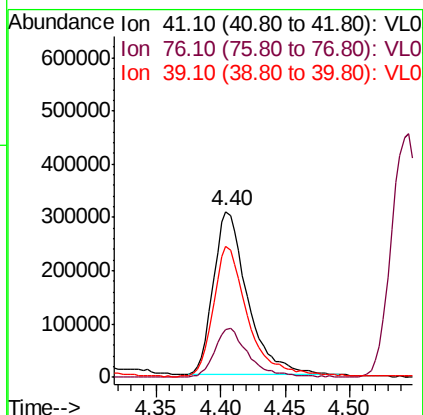
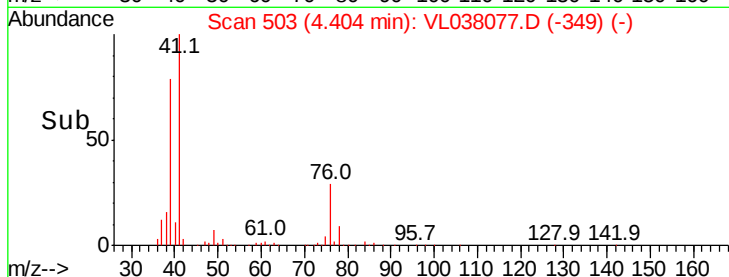
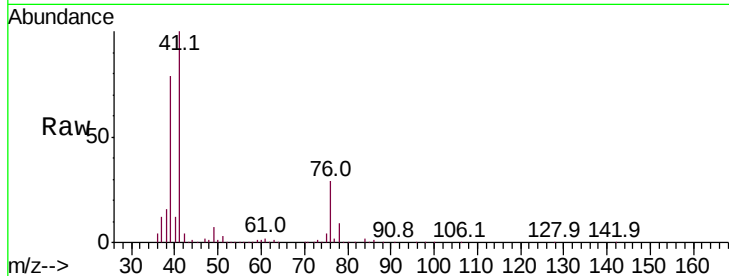


#21
Allvl Chloride
Concen: 9.535 ppbv
RT: 4.40
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:
Ion Ratio
41 100
76 30.
39 80.

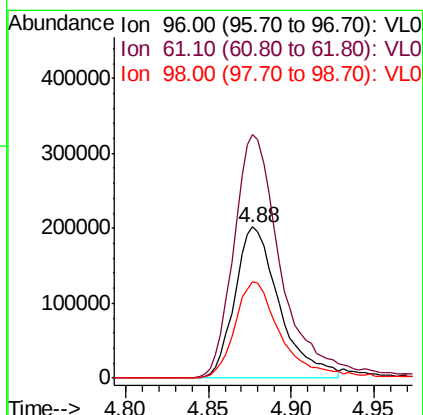
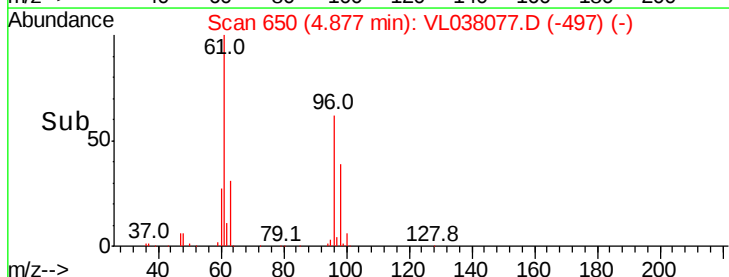
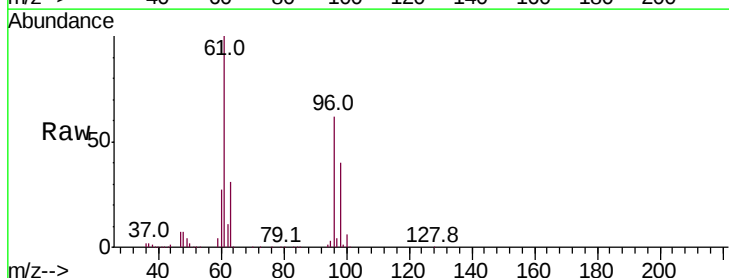
Manual Integrations
APPROVED

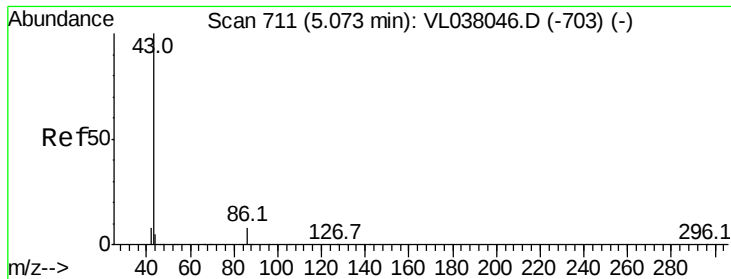
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#22
trans-1,2-Dichloroethene
Concen: 9.957 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 96 Resp: 379458
Ion Ratio Lower Upper
96 100
61 161.2 131.6 197.4
98 63.8 48.4 72.6





#23

Vinyl Acetate

Concen: 9.878 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 7:15

Tot Ion:

Ion Ratio

43 100

86 6.

42 10.

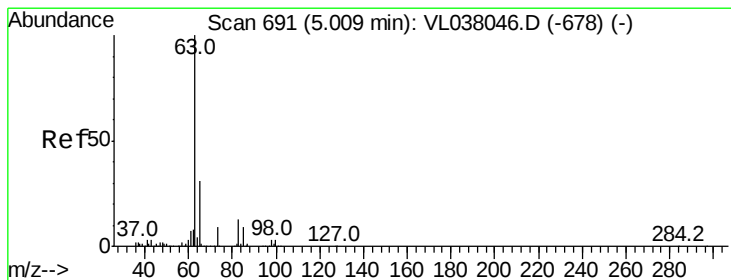
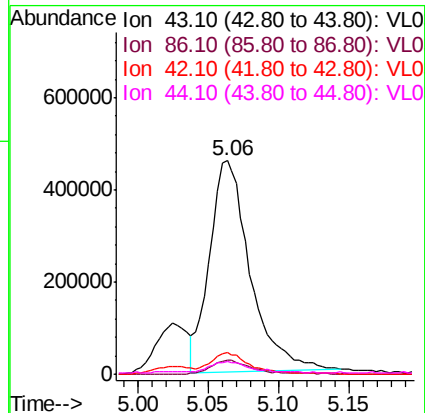
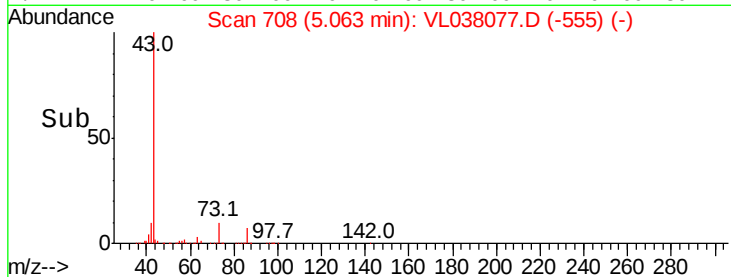
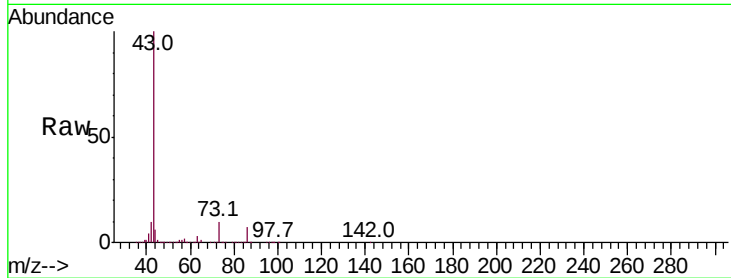
44 5.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 10.192 ppbv

RT: 5.00 min Scan# 689

Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

Tgt Ion: 63 Resp: 786161

Ion Ratio Lower Upper

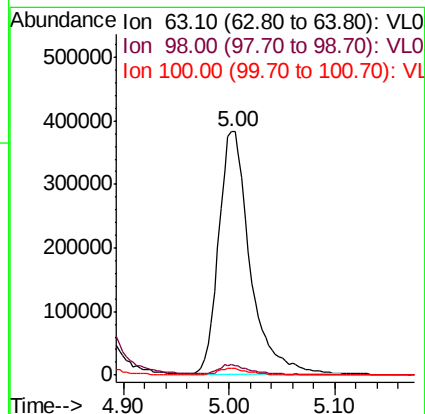
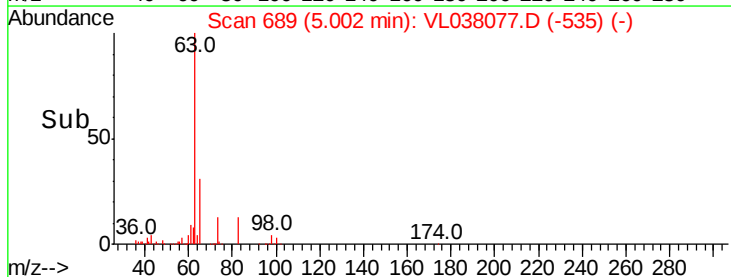
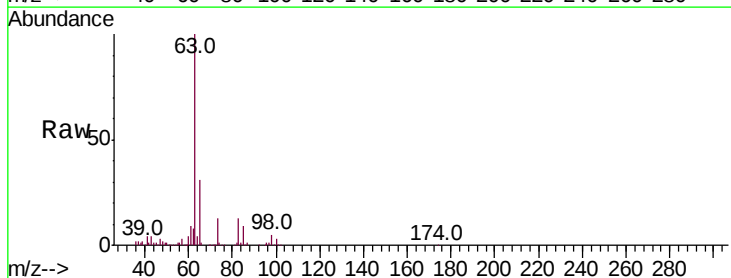
63 100

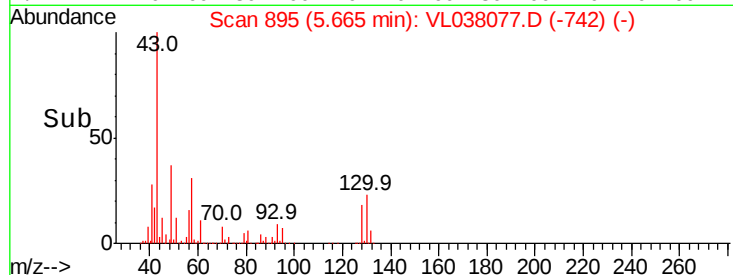
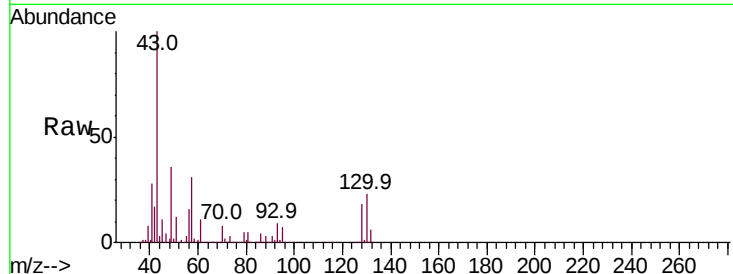
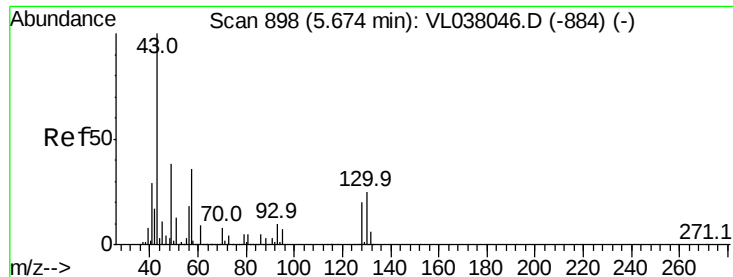
98 4.4

100 3.0

1.8 5.4

1.4 4.0



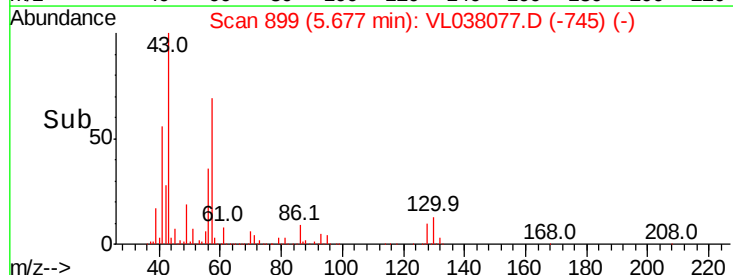
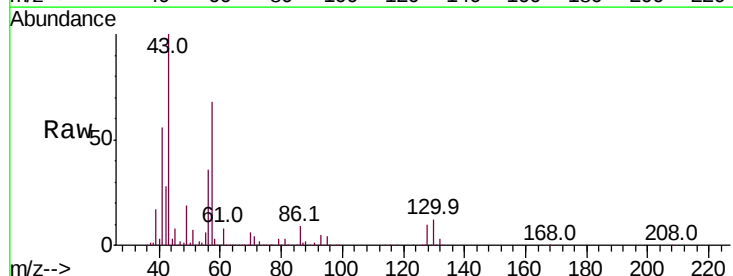
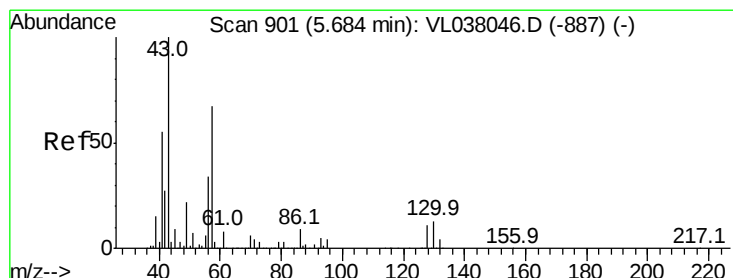
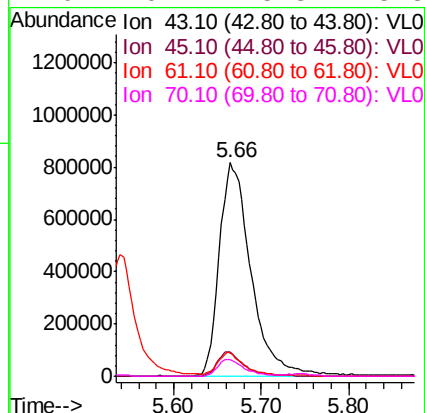


#25
Ethyl Acetate
Concen: 9.640 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Nov 2021 7:15
VSTDCCC010EC

Tot Ion:
Ion Ratio
43 100
45 10.
61 9.
70 6.7 5.8 8.8

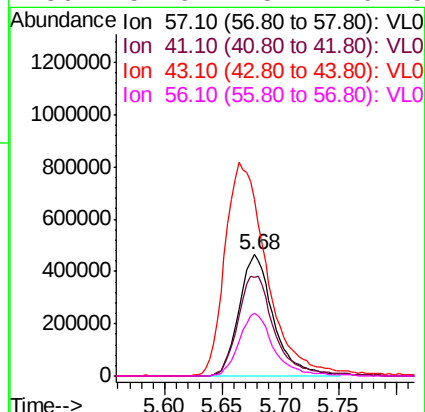
Manual Integrations
APPROVED

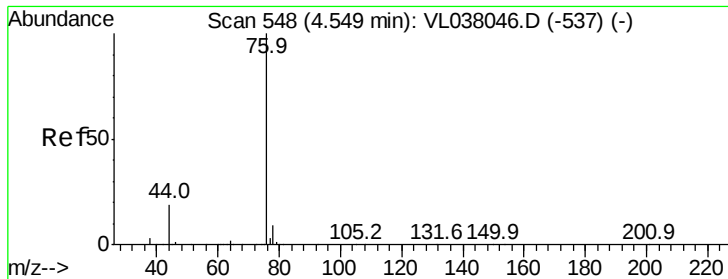
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 9.302 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 57 Resp: 953527
Ion Ratio Lower Upper
57 100
41 88.4 71.4 107.2
43 216.8 174.6 261.8
56 52.6 43.2 64.8





#27

Carbon Disulfide

Concen: 9.978 ppbv

RT: 4.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

76 100

44 19.

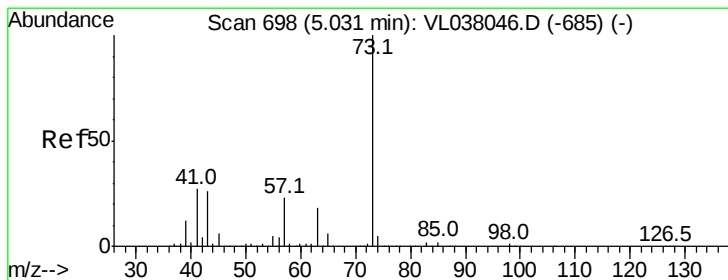
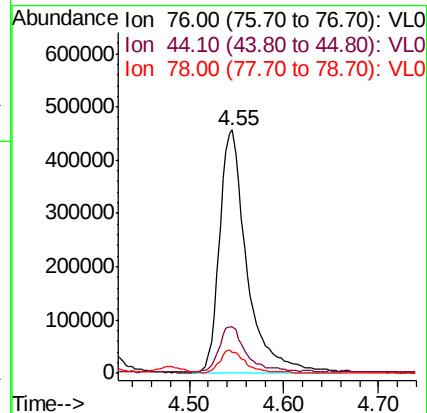
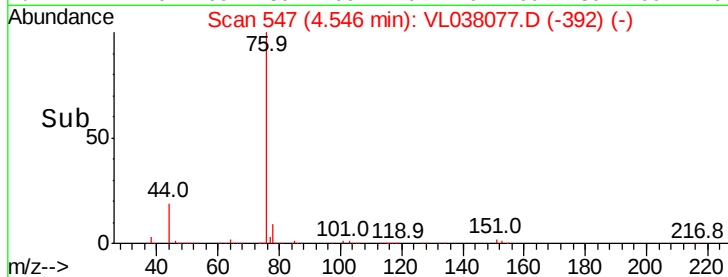
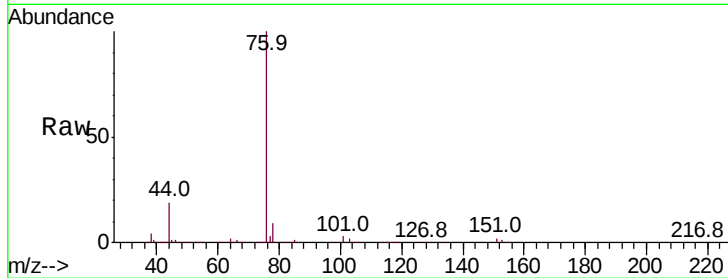
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#28

Methyl tert-Butyl Ether

Concen: 9.947 ppbv

RT: 5.02 min Scan# 696

Delta R.T. -0.01 min

Lab File: VL038077.D

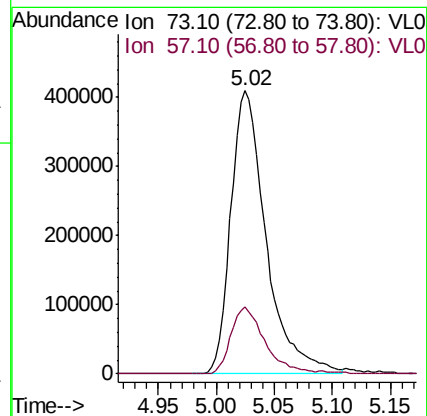
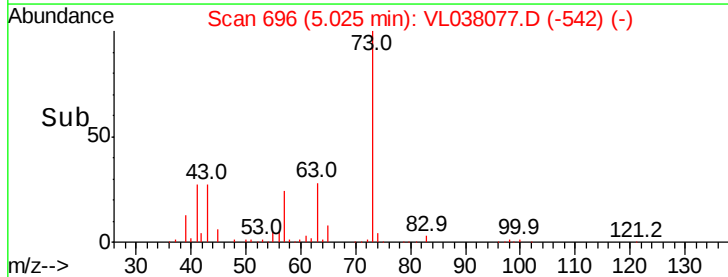
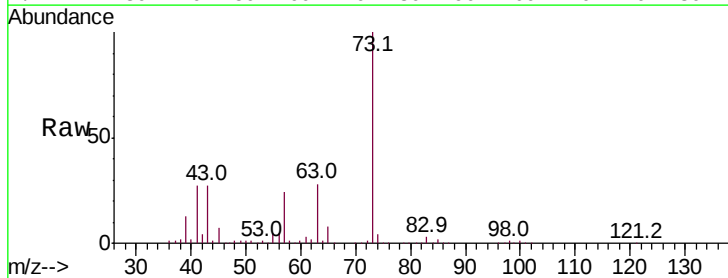
Acq: 19 Nov 2021 7:15

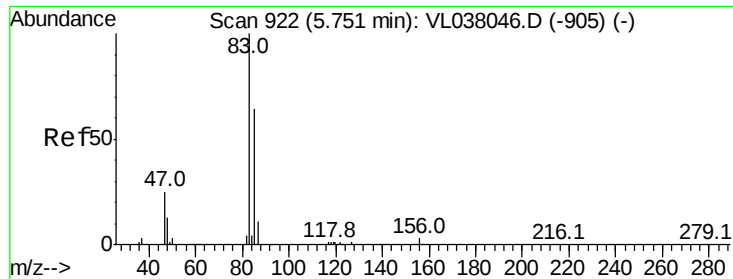
Tgt Ion: 73 Resp: 866083

Ion Ratio Lower Upper

73 100

57 23.5 19.0 28.4



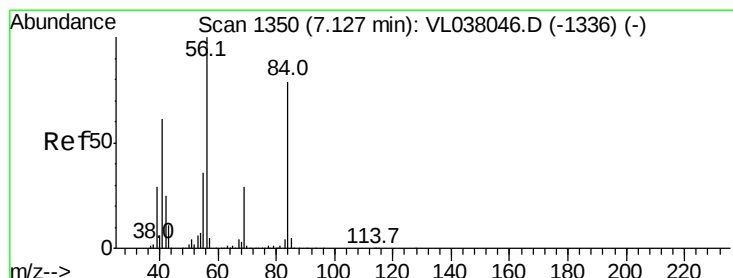
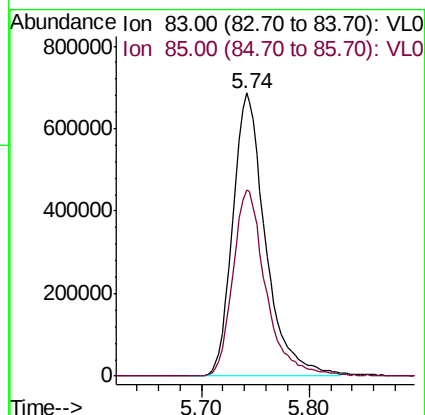
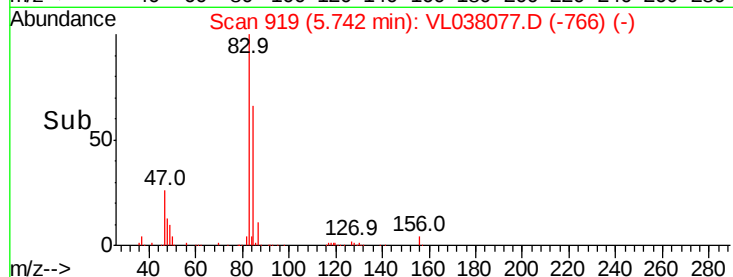
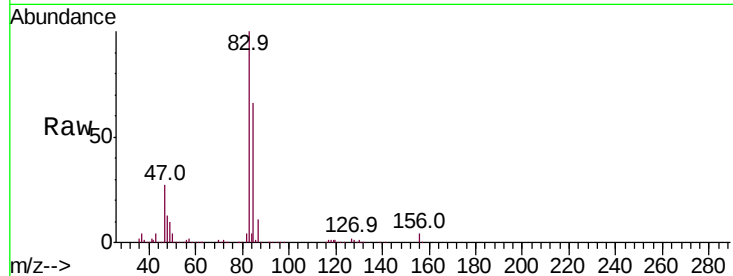


#29
Chloroform
Concen: 9.619 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:
Ion Ratio
83 100
85 65.

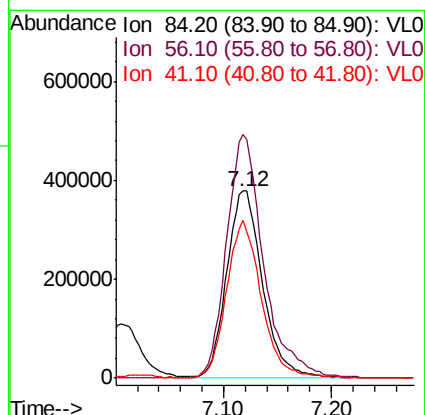
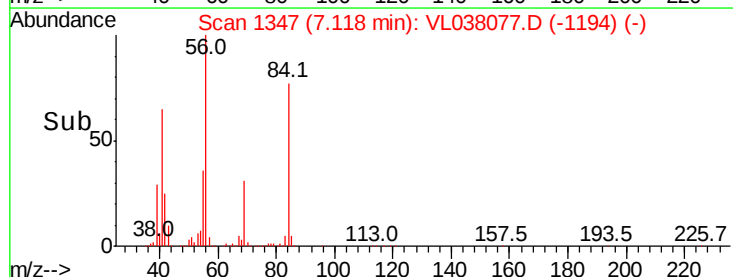
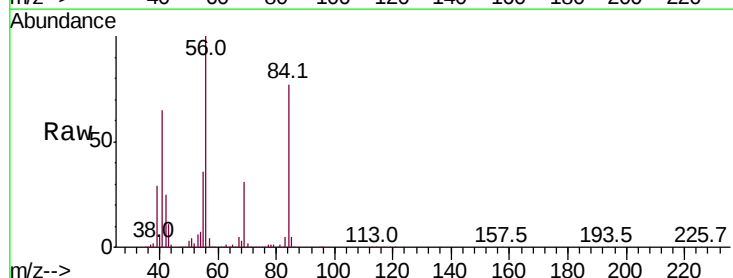
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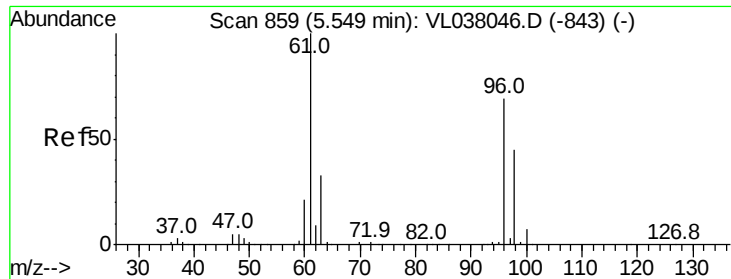
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 9.358 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 84 Resp: 870847
Ion Ratio Lower Upper
84 100
56 136.1 108.1 162.1
41 82.6 64.4 96.6



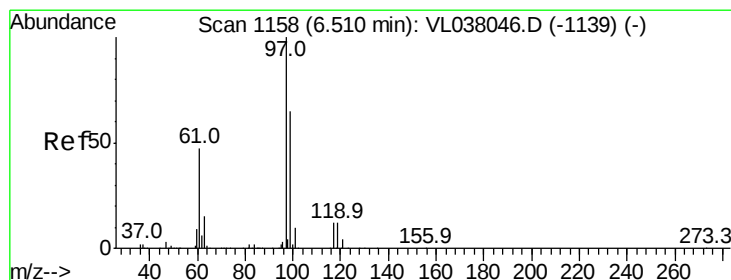
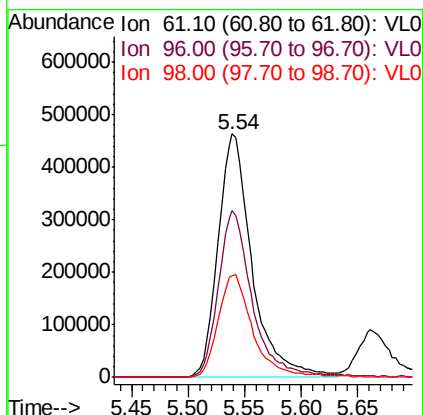
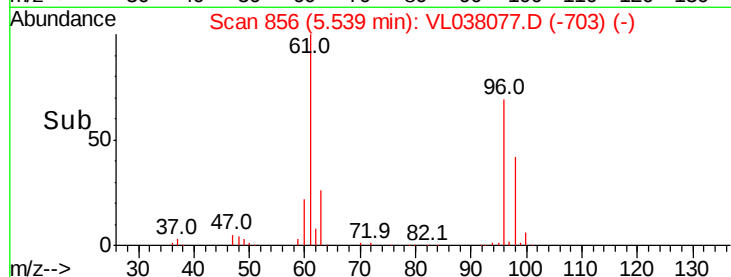
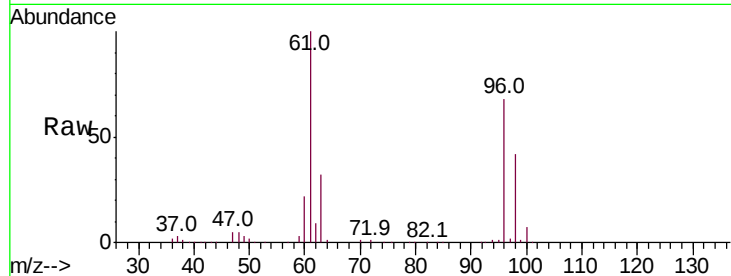


#31
 cis-1,2-Dichloroethene
 Concen: 9.869 ppbv
 RT: 5.54
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:
 Ion Ratio
 61 100
 96 68.
 98 41.

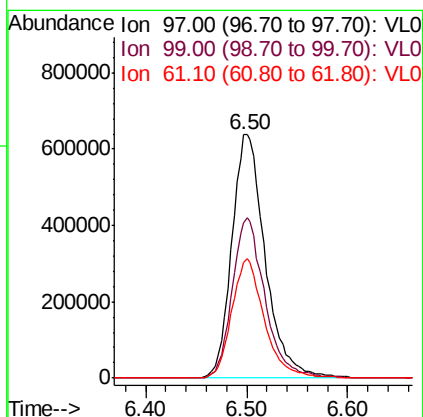
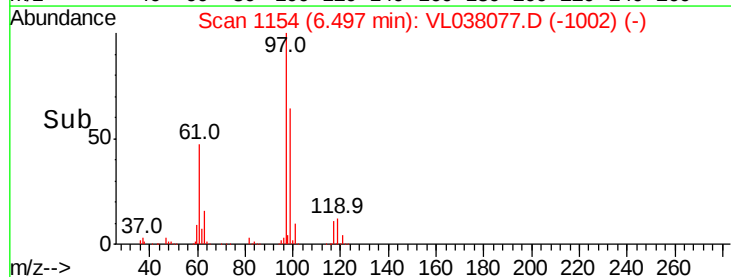
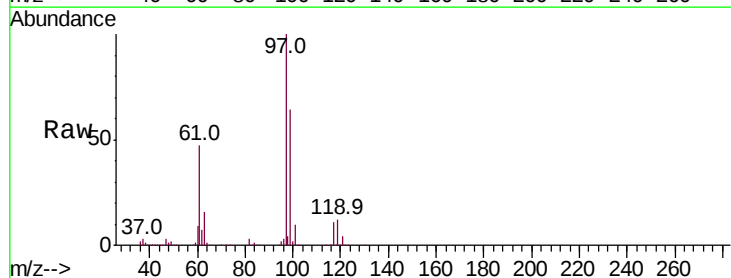
Manual Integrations
 APPROVED

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



#32
 1,1,1-Trichloroethane
 Concen: 9.561 ppbv
 RT: 6.50 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion: 97 Resp: 1465925
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.4
 61 48.0 37.7 56.5



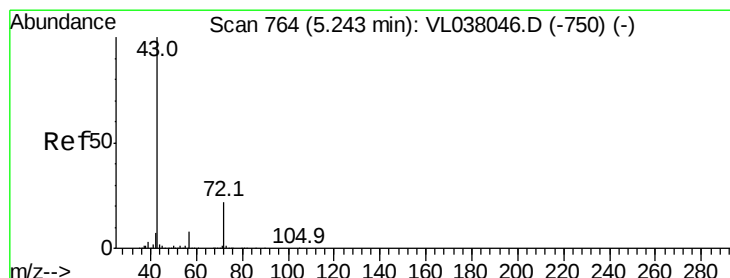
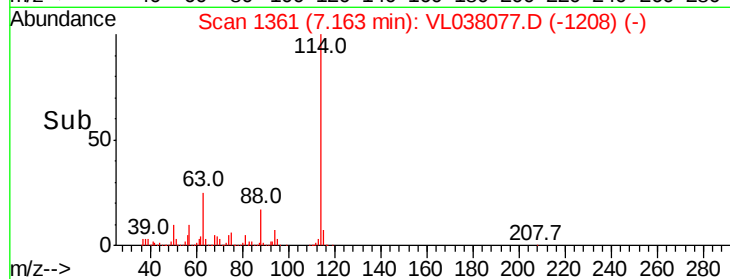
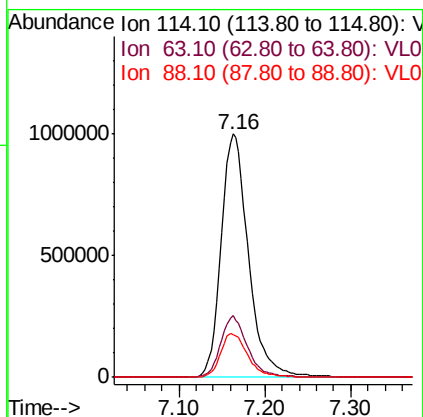
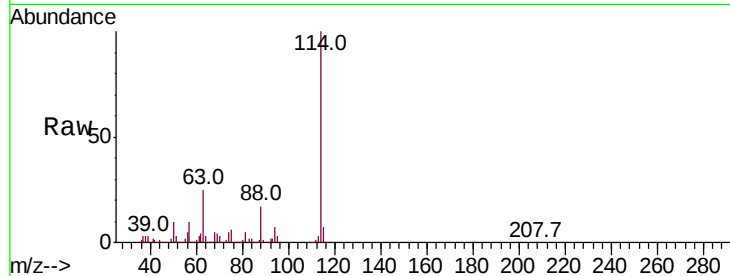


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

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

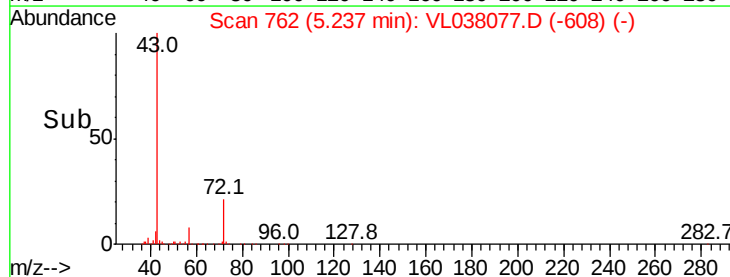
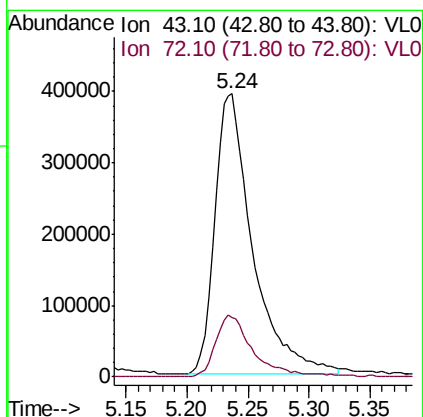
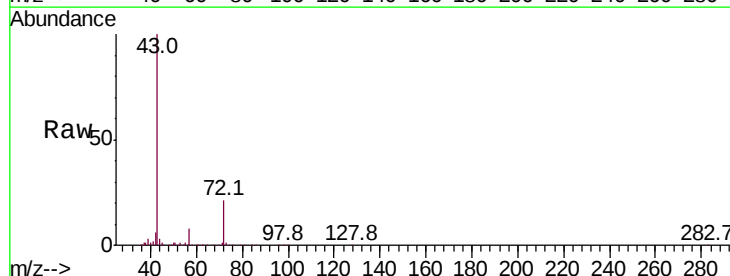
Manual Integrations
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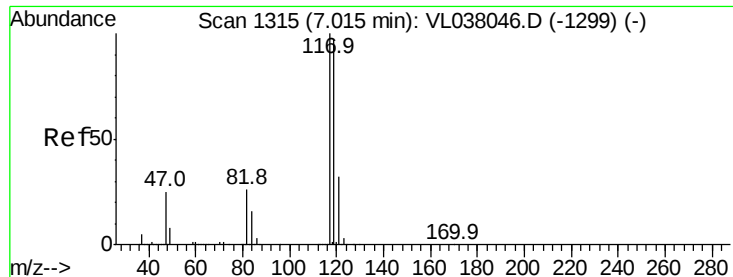
Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 9.597 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion: 43 Resp: 853455
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.8 28.2



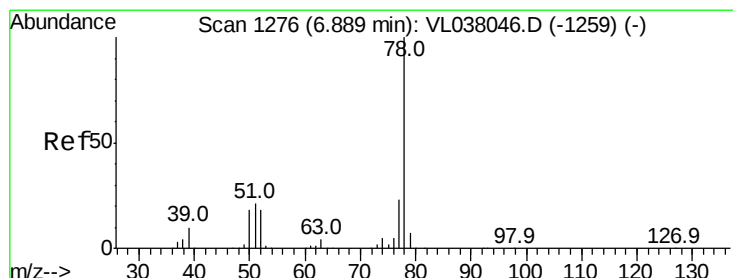
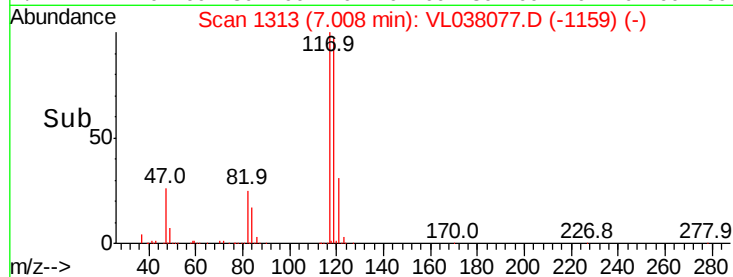
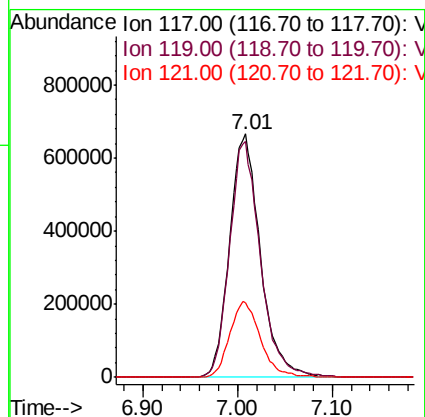
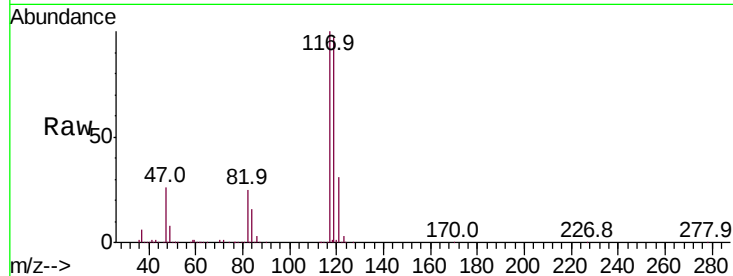


#35
Carbon Tetrachloride
Concen: 9.742 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:1
Ion Rati
117 100
119 96.
121 30.

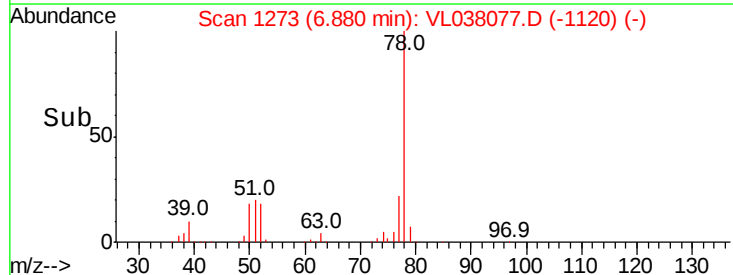
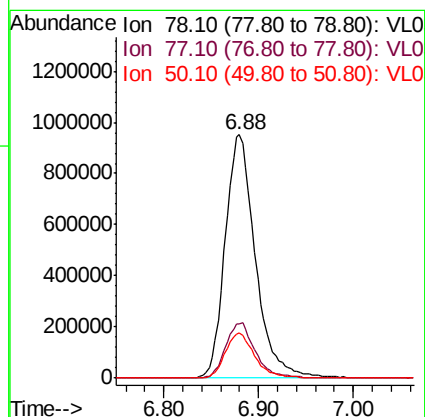
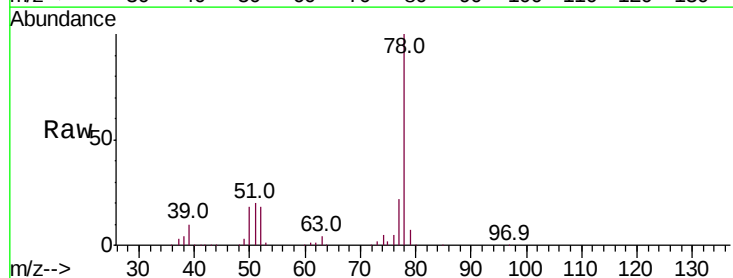
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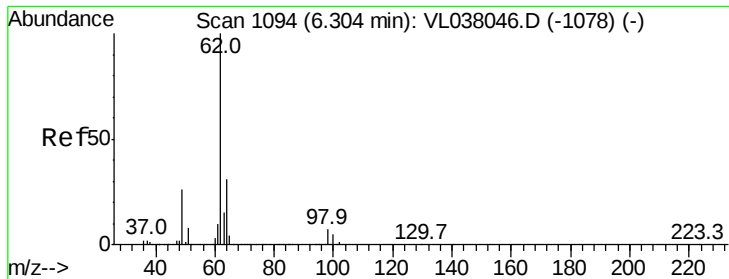
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 9.597 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 78 Resp: 2111151
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.4
50 18.4 14.7 22.1



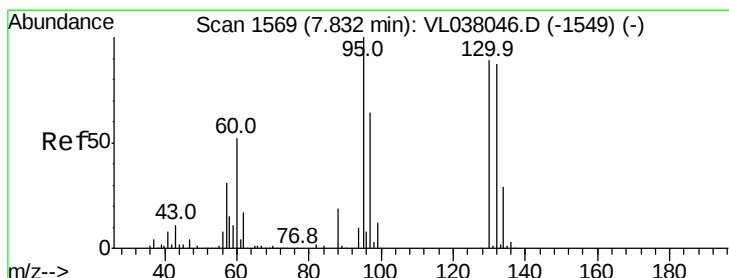
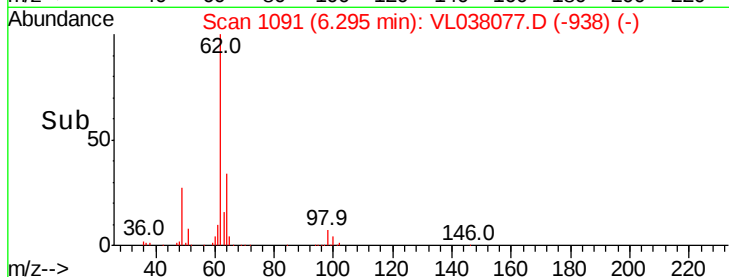
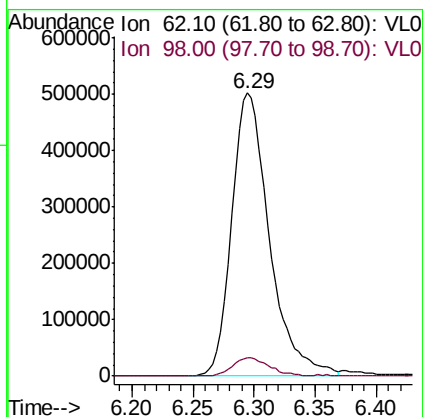
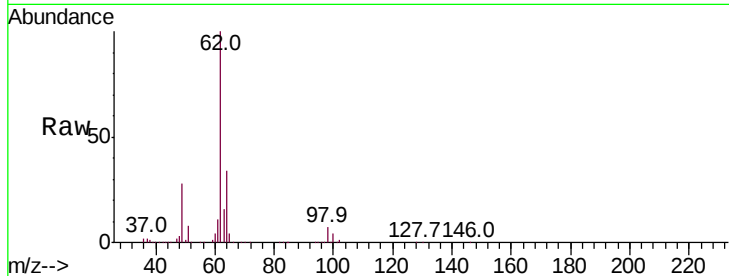


#37
 1,2-Dichloroethane
 Concen: 10.119 ppbv
 RT: 6.29
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:
 Ion Ratio
 62 100
 98 6.

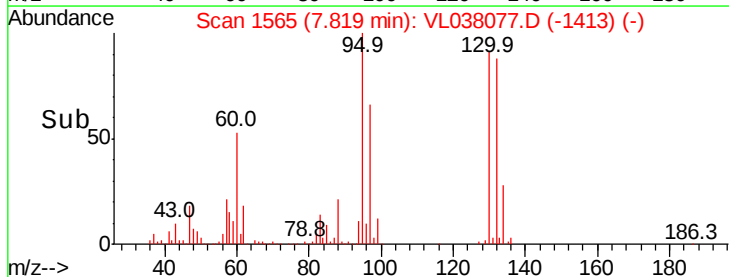
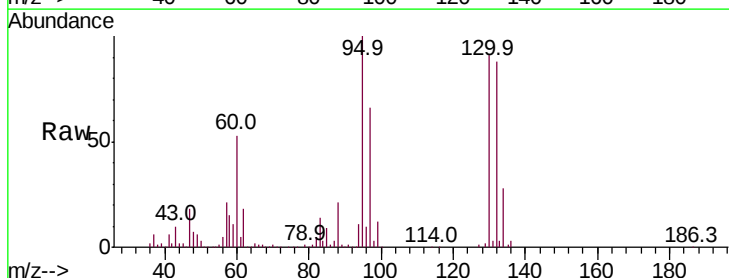
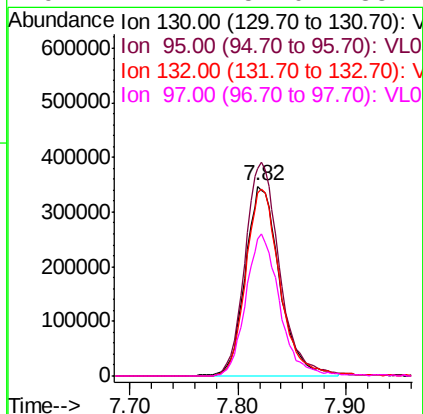
Manual Integrations
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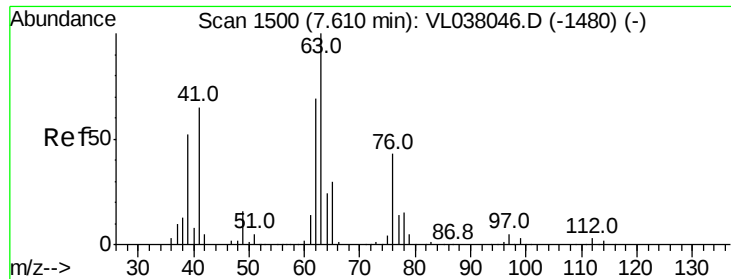
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 9.249 ppbv
 RT: 7.82 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion:130 Resp: 767529
 Ion Ratio Lower Upper
 130 100
 95 109.4 89.4 134.2
 132 96.0 78.2 117.2
 97 72.2 57.0 85.4



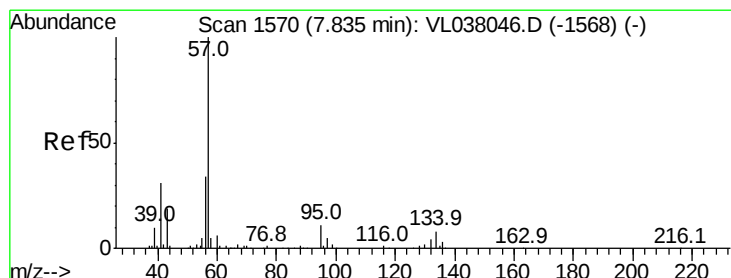
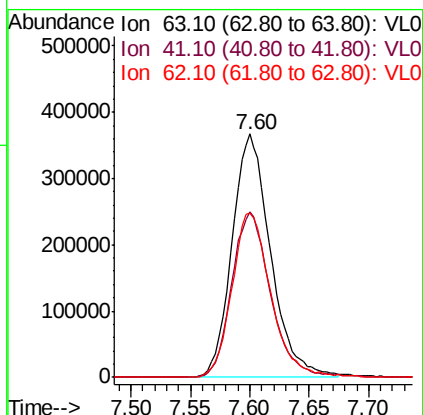
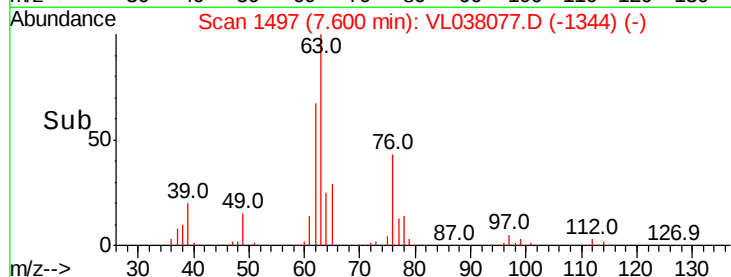
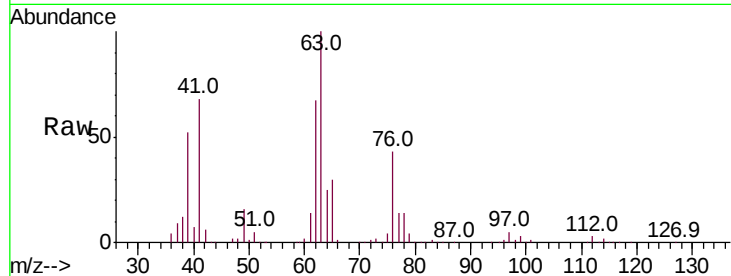


#39
 1,2-Dichloropropane
 Concen: 9.733 ppbv
 RT: 7.60
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:
 Ion Ratio
 63 100
 41 68.
 62 67.

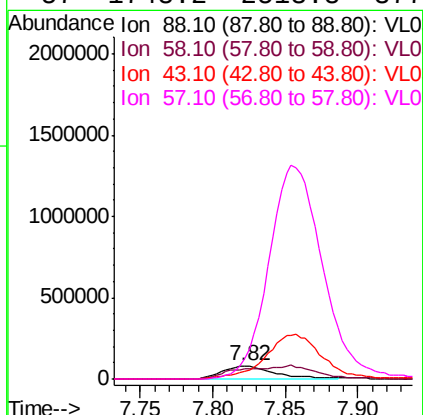
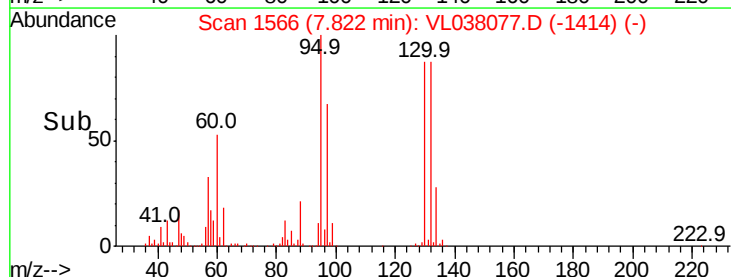
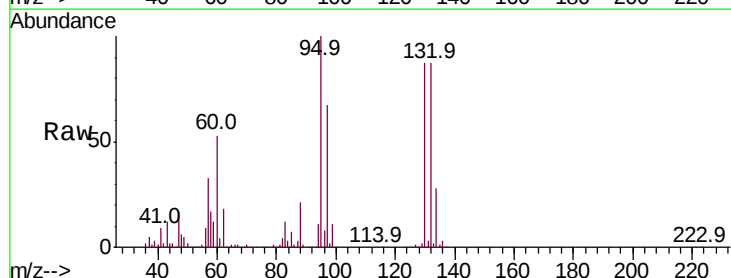
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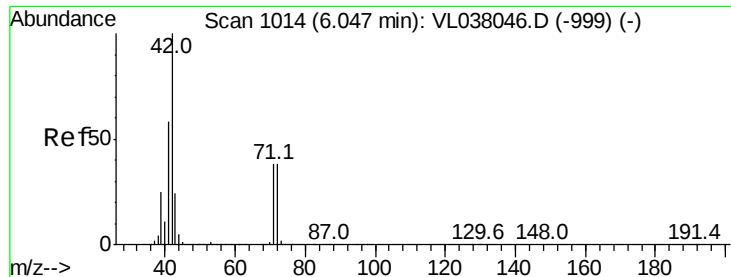
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 8.917 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion: 88 Resp: 196048
 Ion Ratio Lower Upper
 88 100
 58 158.1 229.2 343.8#
 43 386.3 553.3 829.9#
 57 1748.2 2513.8 3770.8#



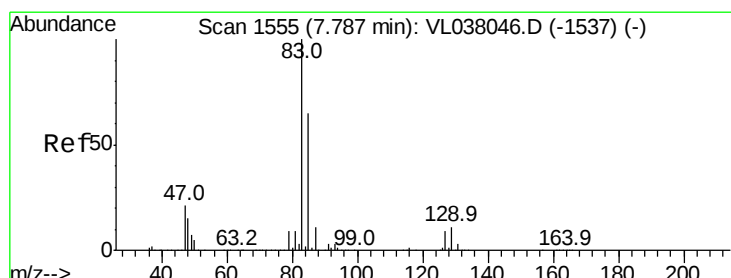
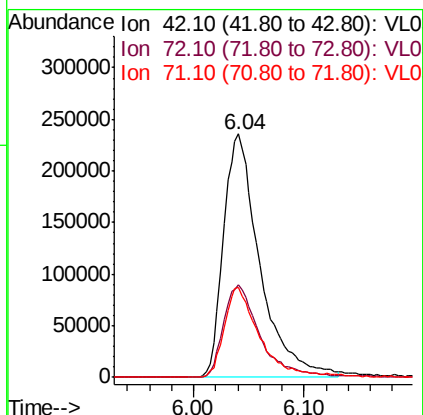
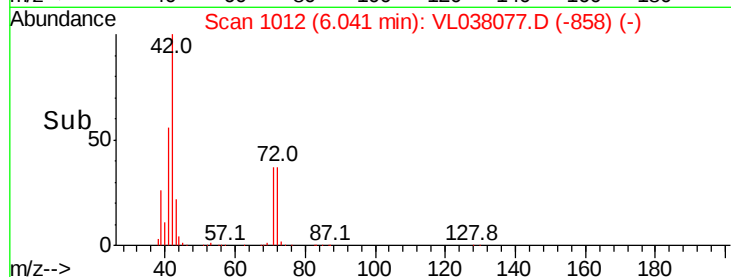
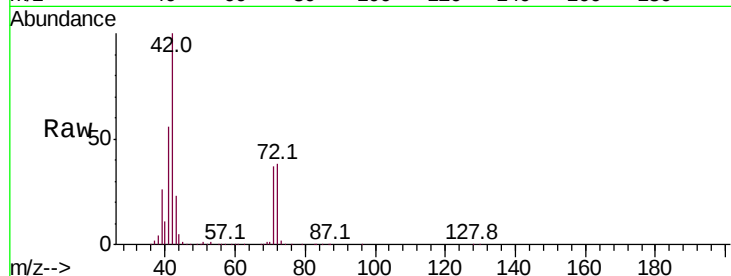


#41
Tetrahydrofuran
Concen: 9.741 ppbv
RT: 6.04
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Nov 2021 7:15
VSTDCCC010EC

Tot Ion:
Ion Ratio
42 100
72 38.
71 36.

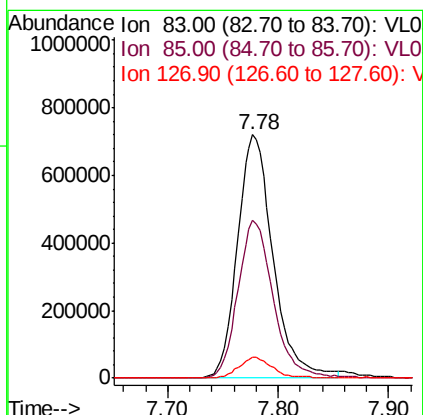
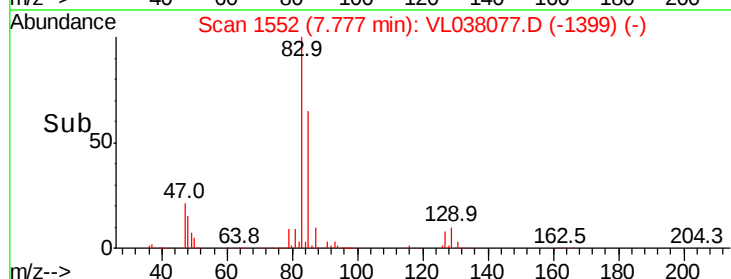
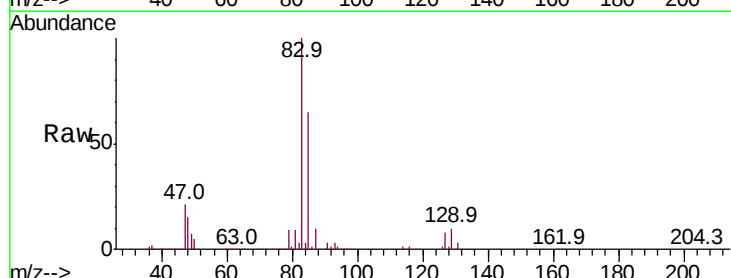
Manual Integrations
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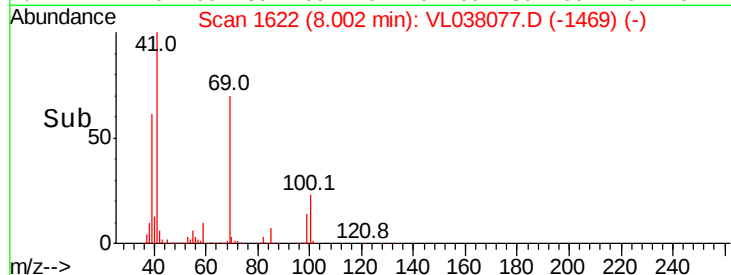
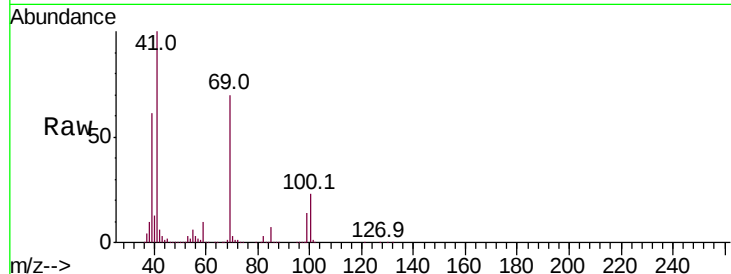
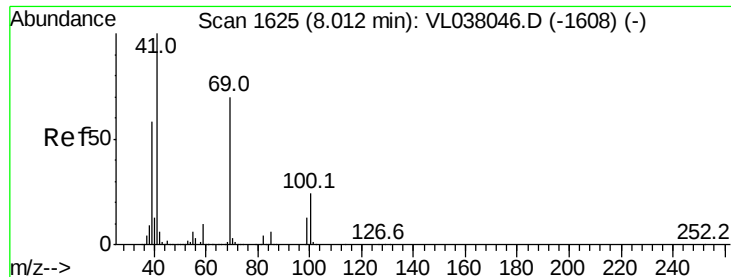
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 9.962 ppbv
RT: 7.78 min Scan# 1552
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 83 Resp: 1609060
Ion Ratio Lower Upper
83 100
85 64.7 51.9 77.9
127 8.3 6.8 10.2



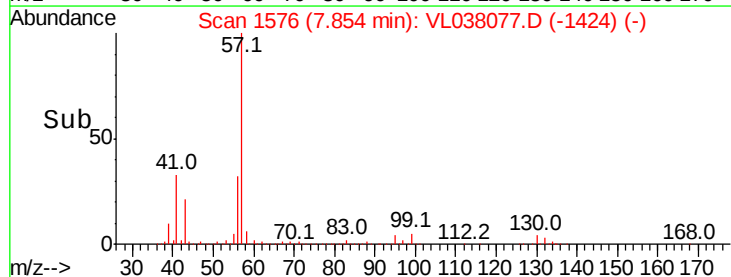
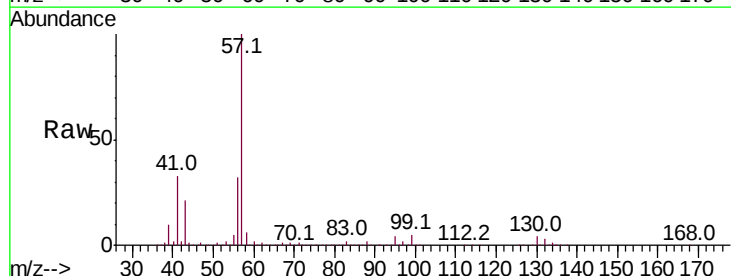
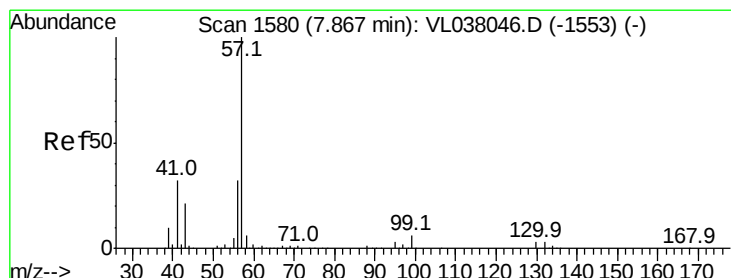
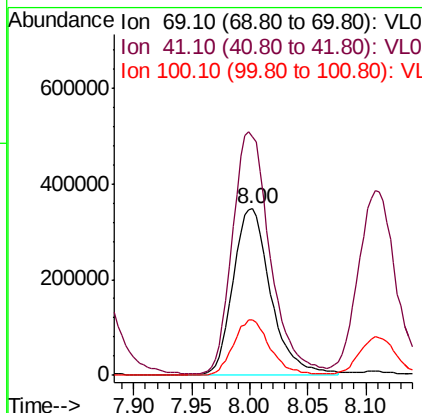


#43
Methyl Methacrylate
Concen: 10.439 ppbv
RT: 8.00
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Nov 2021 7:15
VSTDCCC010EC

Tot Ion:
Ion Ratio
69 100
41 146.
100 32.

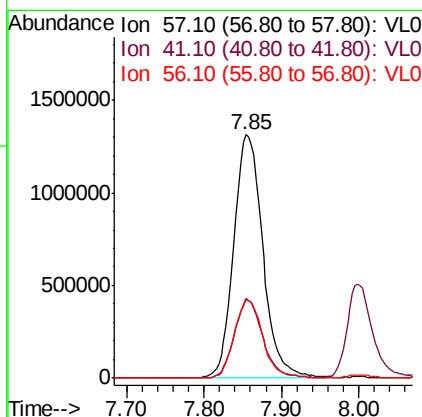
Manual Integrations
APPROVED

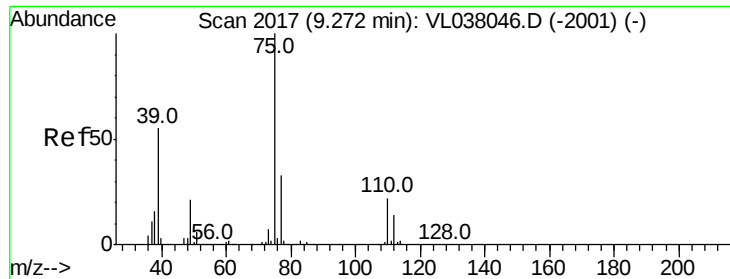
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#44
2,2,4-Trimethylpentane
Concen: 9.306 ppbv
RT: 7.85 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 57 Resp: 3425244
Ion Ratio Lower Upper
57 100
41 31.5 25.8 38.6
56 31.3 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 11.677 ppbv

RT: 9.26

Instrument : MSVOA_L

Delta R.T. : ClientSampleId :

Lab File: VSTDCCC010EC

Acq: 19 Nov 2021 7:15

Tot Ion:

Ion Ratio

75 100

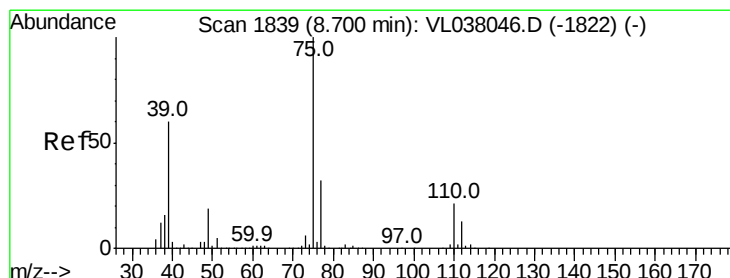
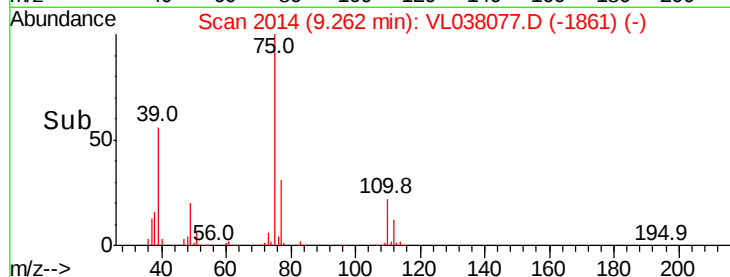
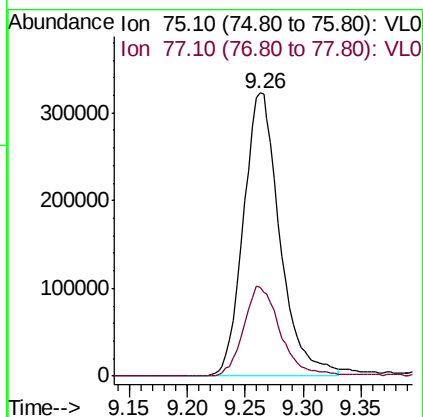
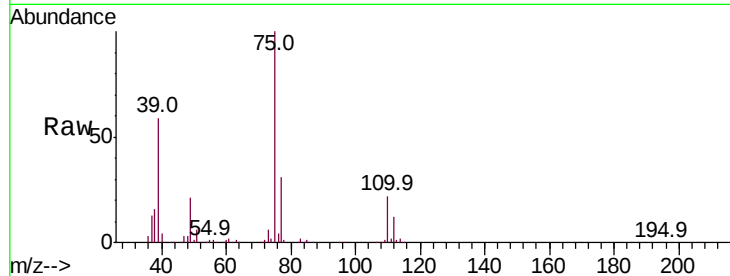
77 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.888 ppbv

RT: 8.69 min Scan# 1835

Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

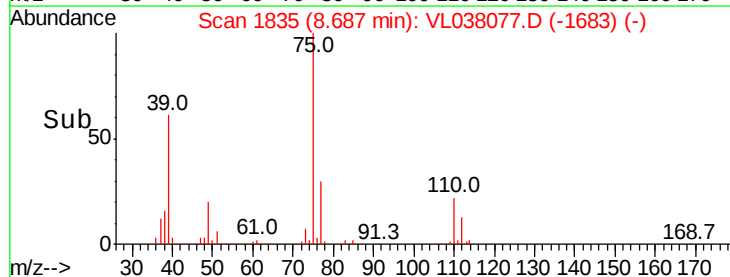
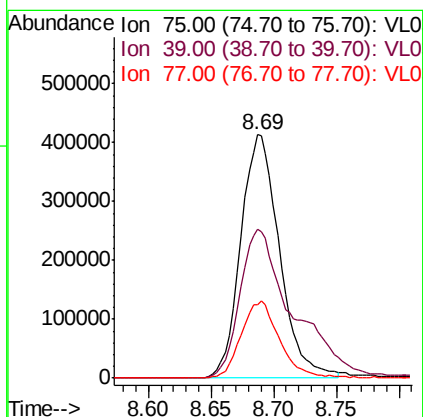
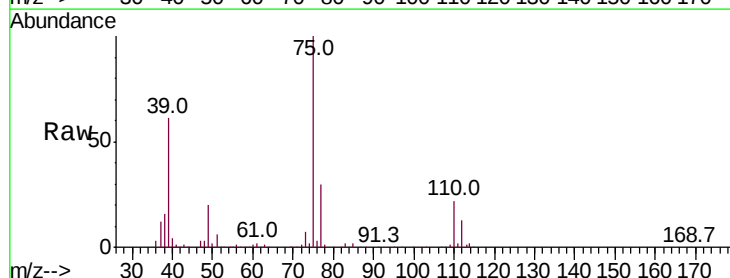
Tgt Ion: 75 Resp: 889024

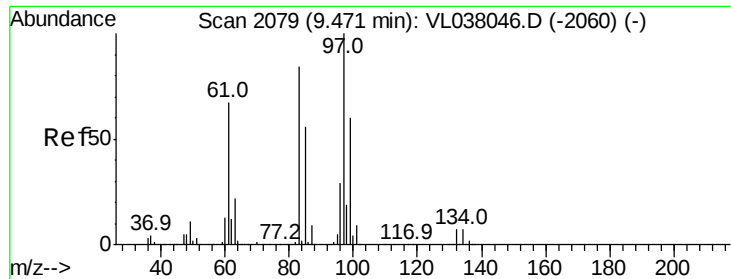
Ion Ratio Lower Upper

75 100

39 61.3 47.8 71.8

77 30.0 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.655 ppbv

RT: 9.46

Instrument: MSVOA_L

Delta R.T.

ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 19 Nov 2021 7:15

Tot Ion:

Ion Ratio

97 100

83 85.

85 57.

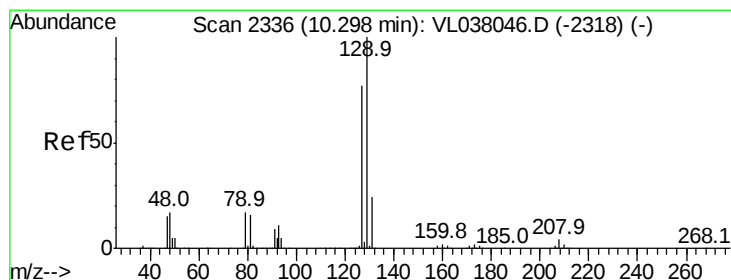
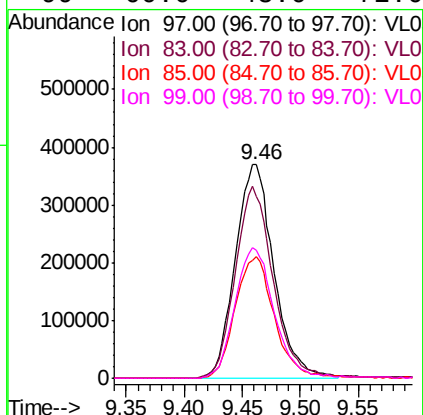
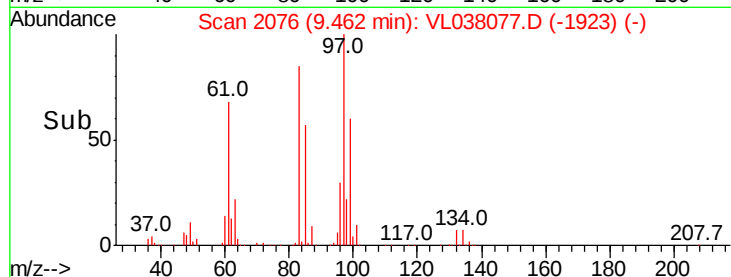
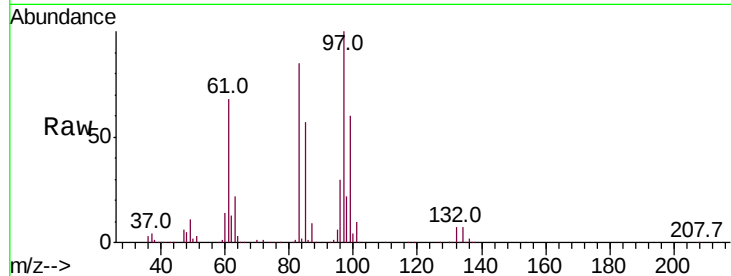
99 60.0 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#48

Dibromochloromethane

Concen: 10.186 ppbv

RT: 10.28 min Scan# 2332

Delta R.T. -0.01 min

Lab File: VL038077.D

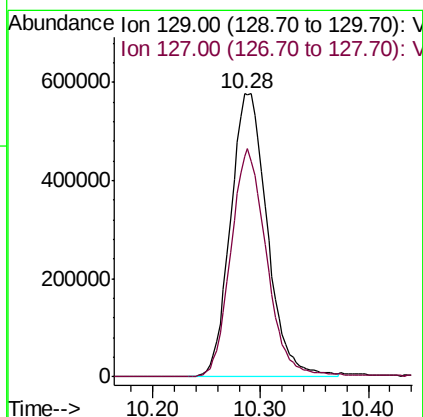
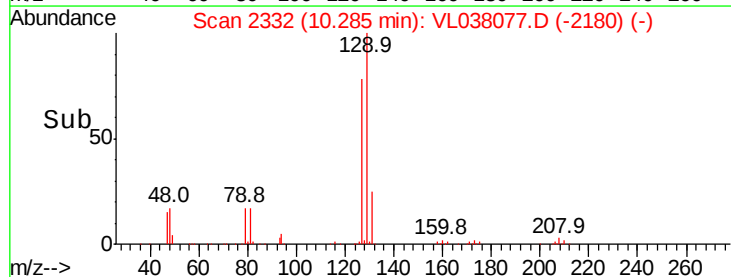
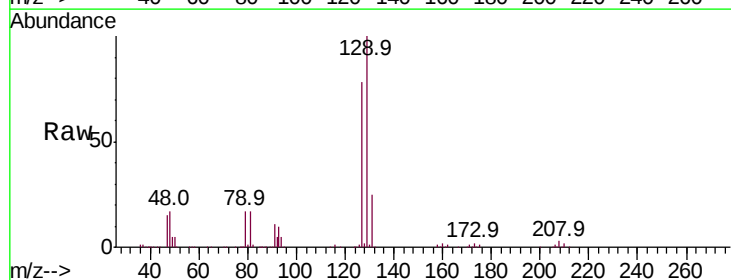
Acq: 19 Nov 2021 7:15

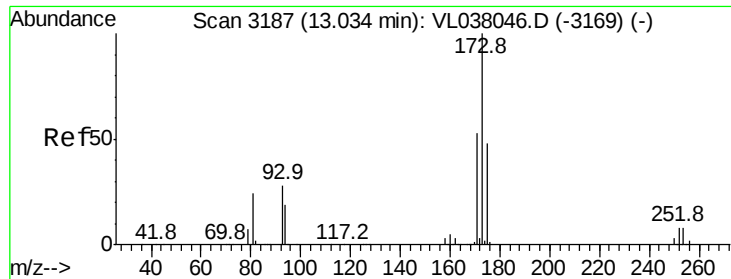
Tgt Ion:129 Resp: 1371005

Ion Ratio Lower Upper

129 100

127 79.0 39.4 118.1





#49

Bromoform

Concen: 10.523 ppbv

RT: 13.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:1

Ion Rati

173 100

175 50.

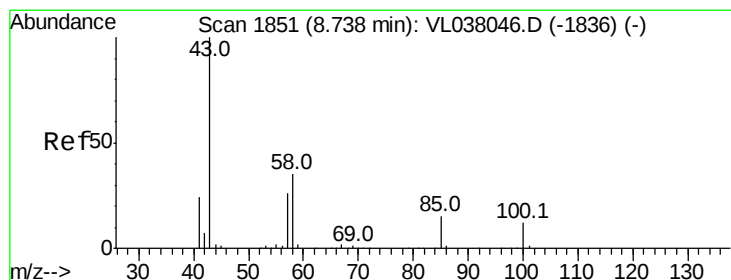
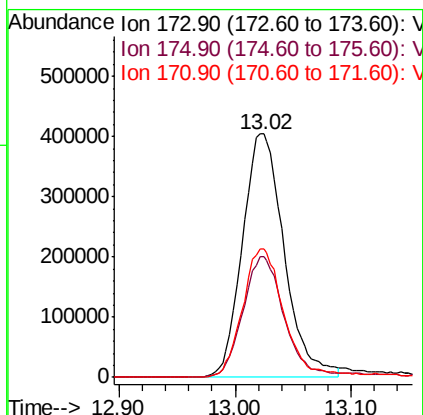
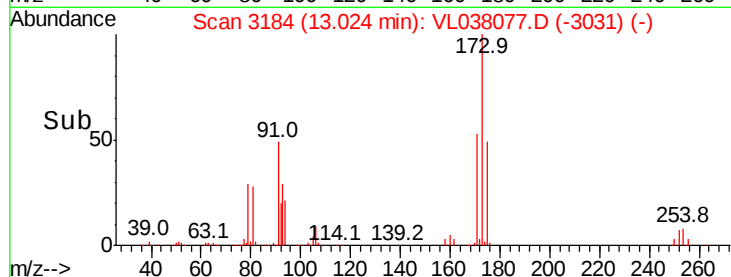
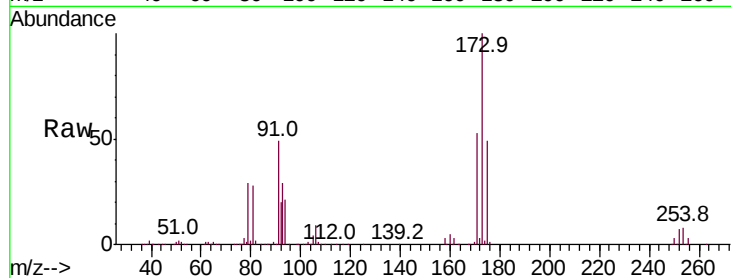
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#50

4-Methyl-2-Pentanone

Concen: 10.089 ppbv

RT: 8.73 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VL038077.D

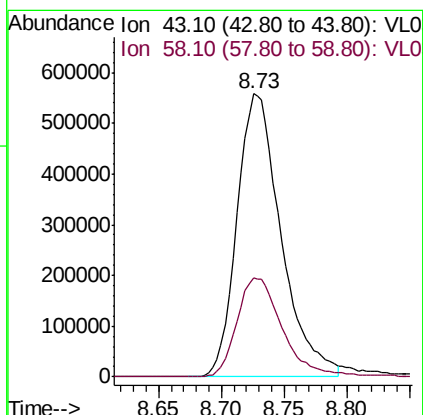
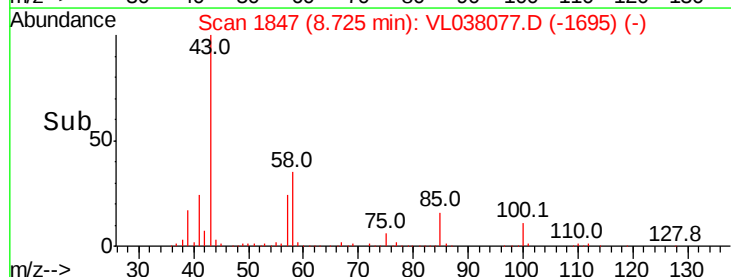
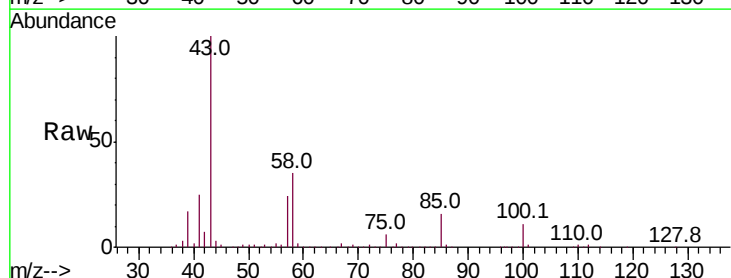
Acq: 19 Nov 2021 7:15

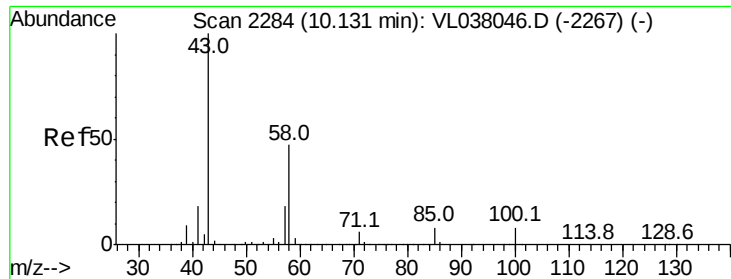
Tgt Ion: 43 Resp: 1362560

Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.2





#51

2-Hexanone

Concen: 10.314 ppbv

RT: 10.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

43 100

58 50.

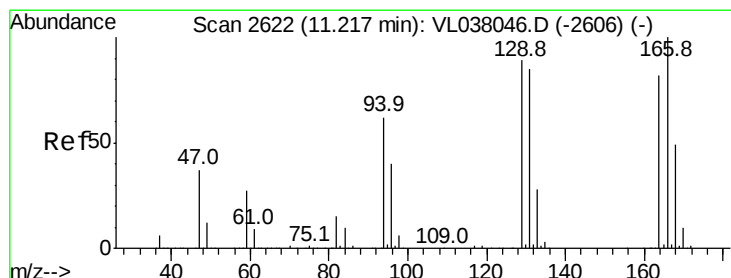
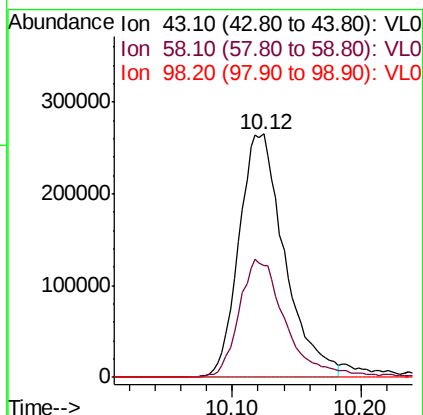
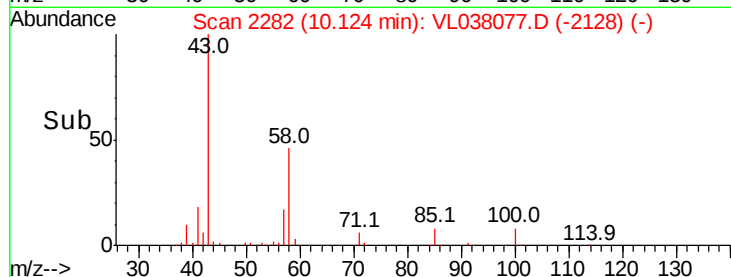
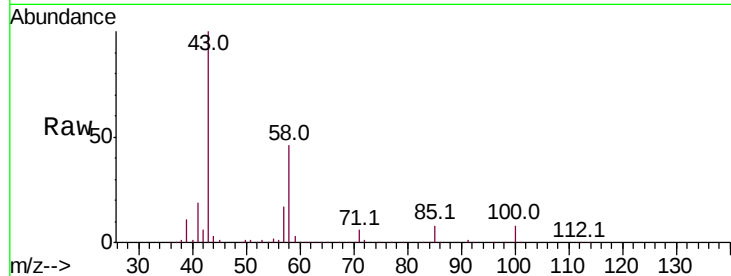
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#52

Tetrachloroethene

Concen: 8.667 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

Tgt Ion:164 Resp: 705467

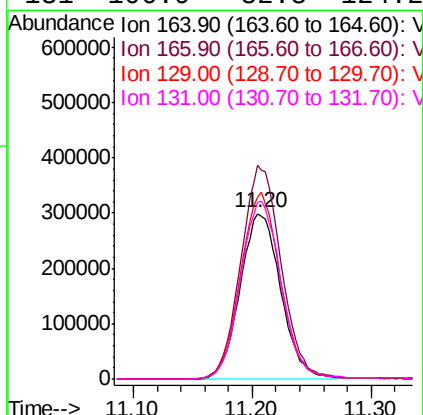
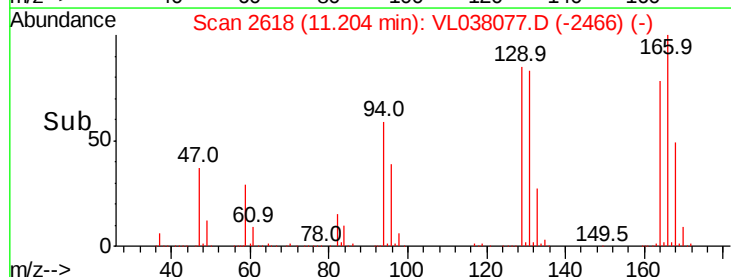
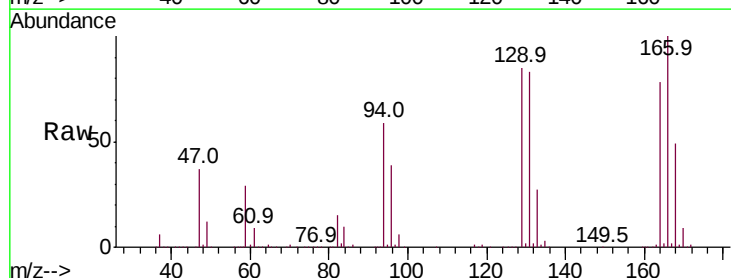
Ion Ratio Lower Upper

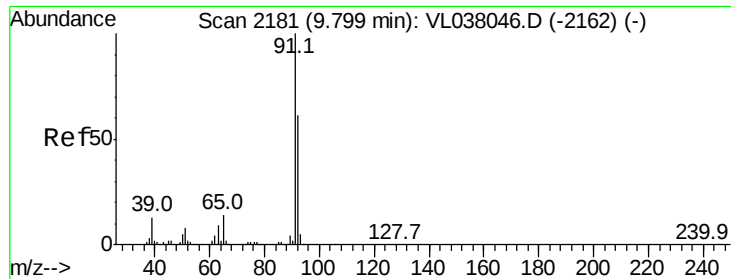
164 100

166 128.8 97.2 145.8

129 110.0 86.9 130.3

131 106.9 82.8 124.2





#53

Toluene

Concen: 9.582 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

91 100

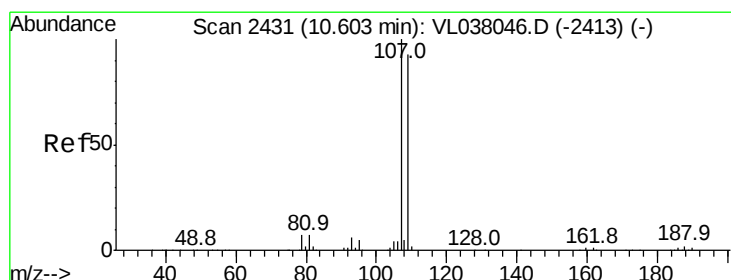
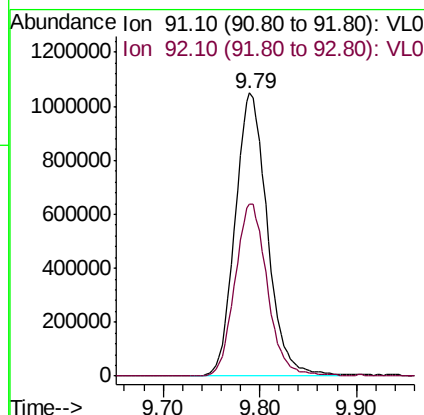
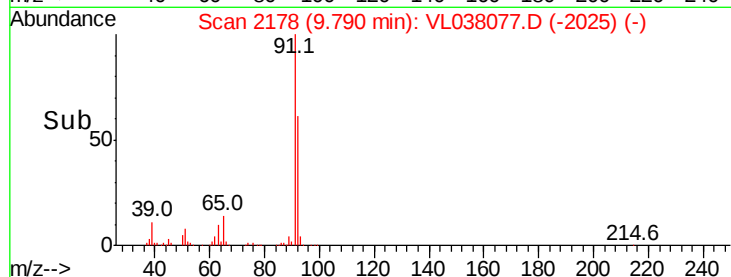
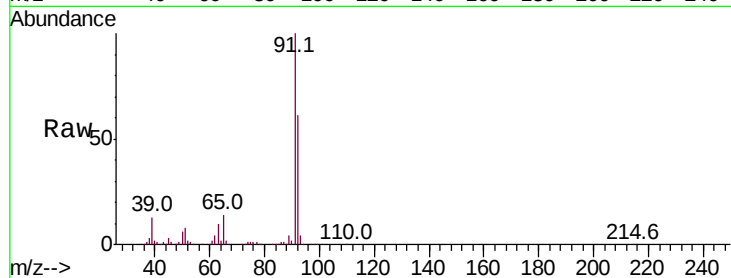
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 9.936 ppbv

RT: 10.59 min Scan# 2428

Delta R.T. -0.01 min

Lab File: VL038077.D

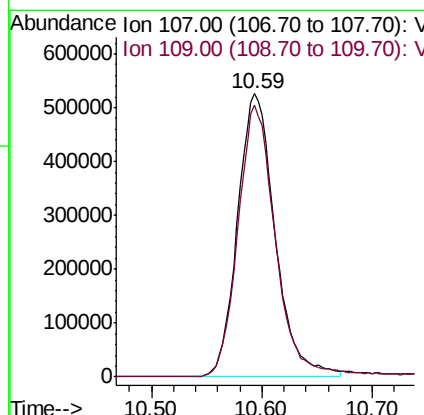
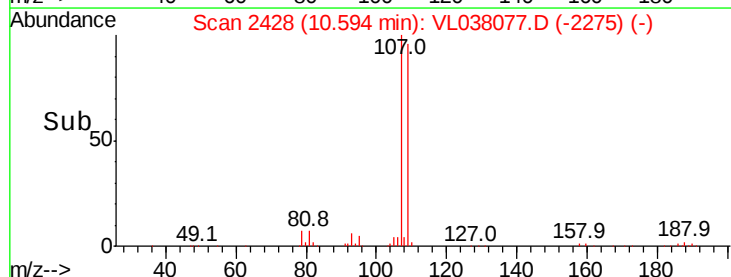
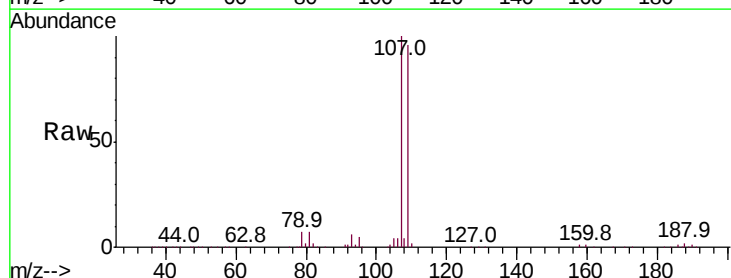
Acq: 19 Nov 2021 7:15

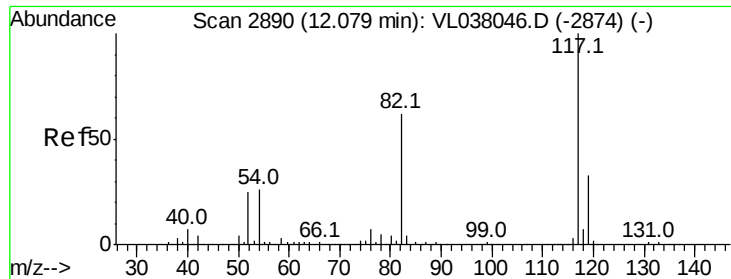
Tgt Ion:107 Resp: 1240381

Ion Ratio Lower Upper

107 100

109 96.0 74.6 111.8



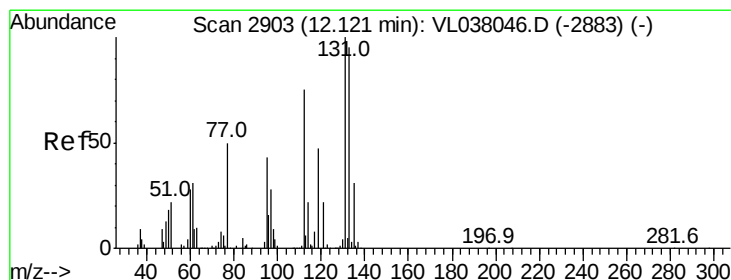
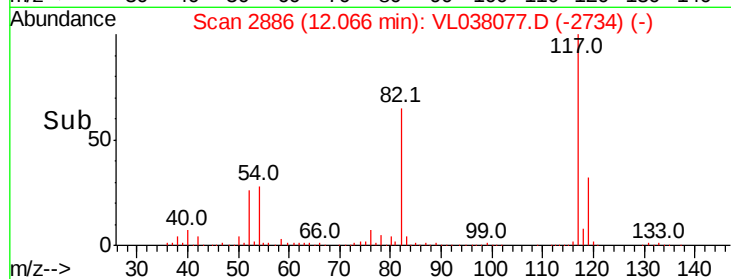
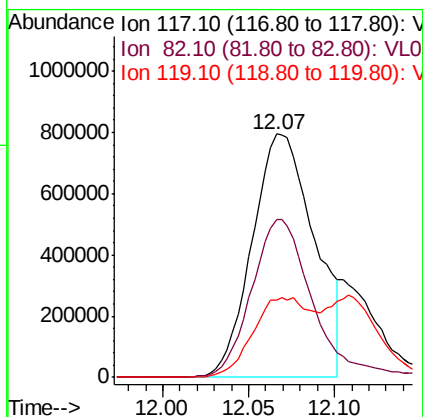
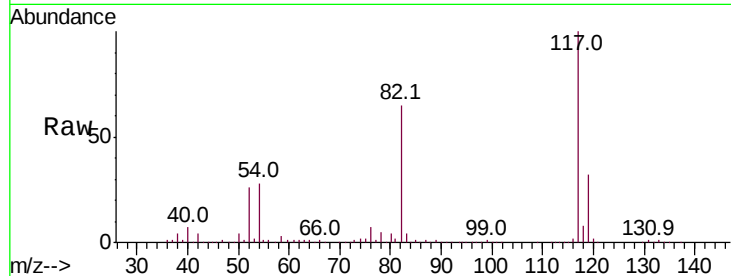


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.07
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

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

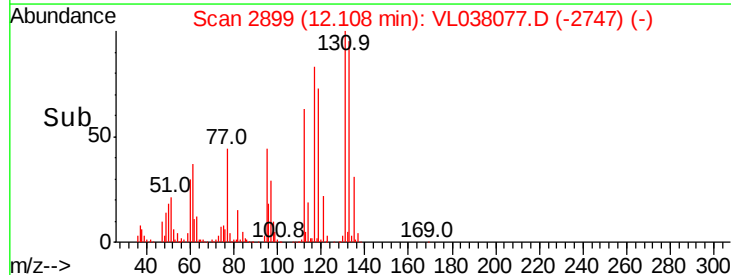
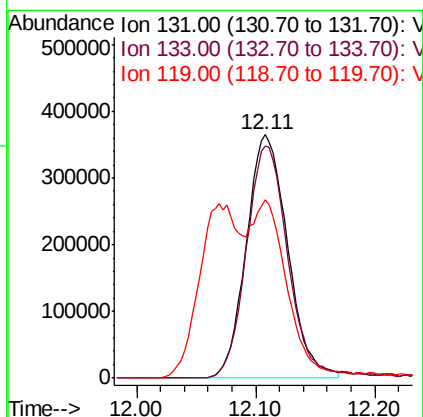
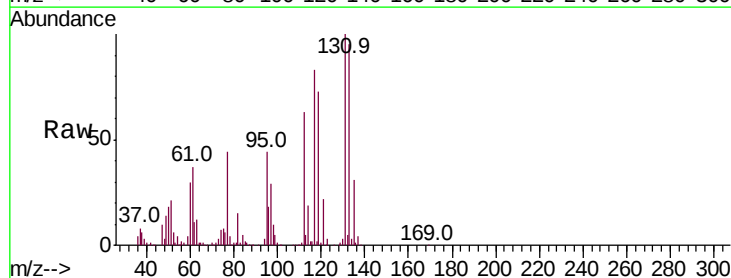
Manual Integrations
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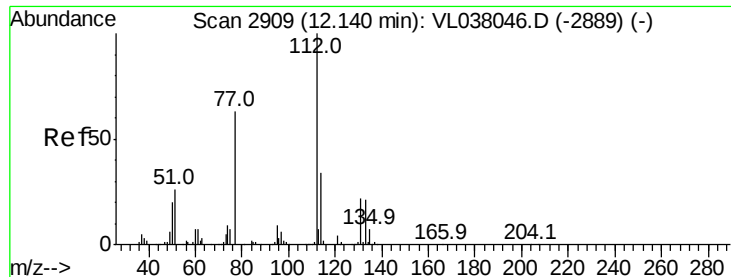
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.598 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion:131 Resp: 875046
Ion Ratio Lower Upper
131 100
133 98.1 78.8 118.2
119 68.6 56.3 84.5



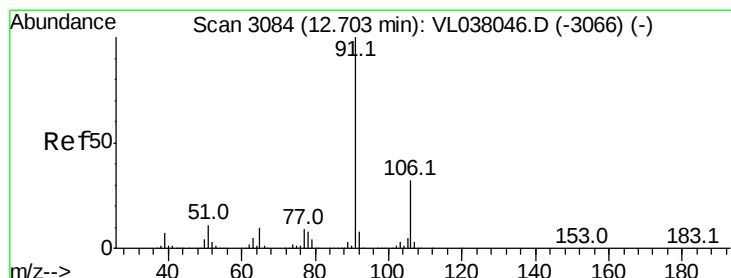
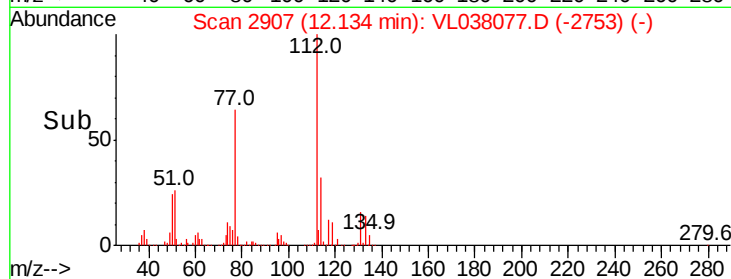
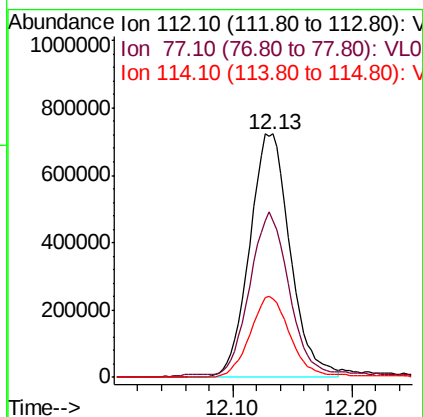
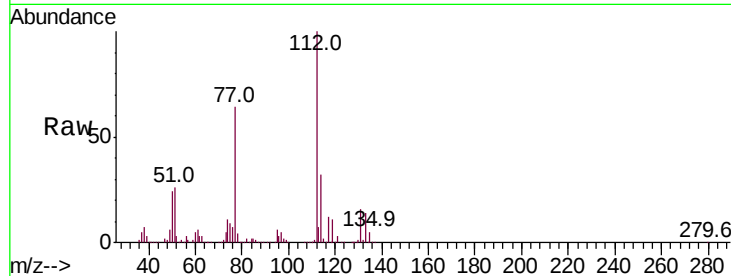


#57
Chlorobenzene
Concen: 9.484 ppbv
RT: 12.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion: 1
Ion Ratio
112 100
77 63.
114 32.

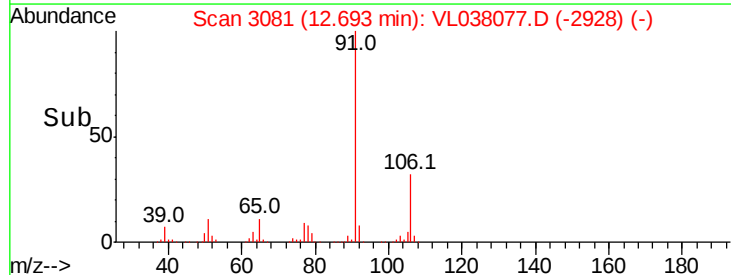
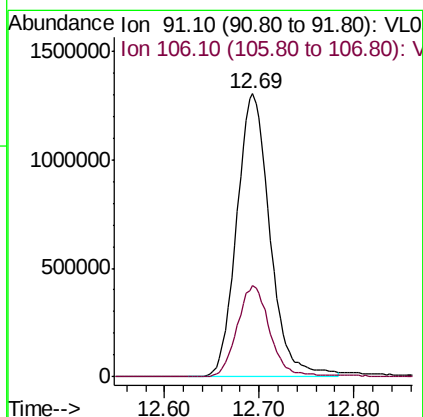
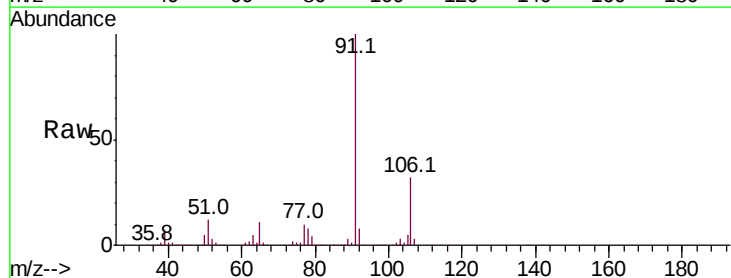
Manual Integrations
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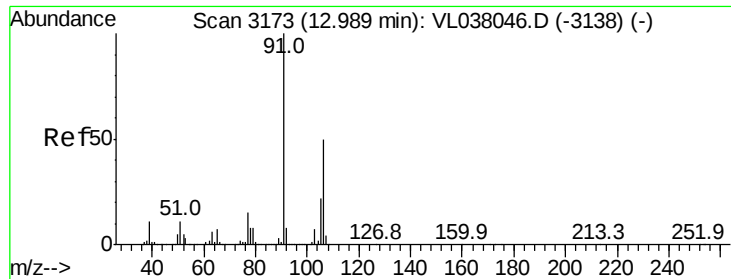
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 9.596 ppbv
RT: 12.69 min Scan# 3081
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 91 Resp: 3185478
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



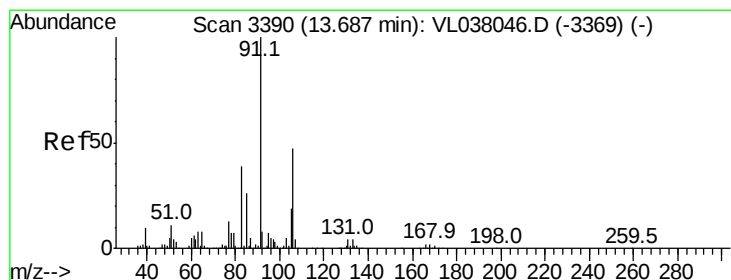
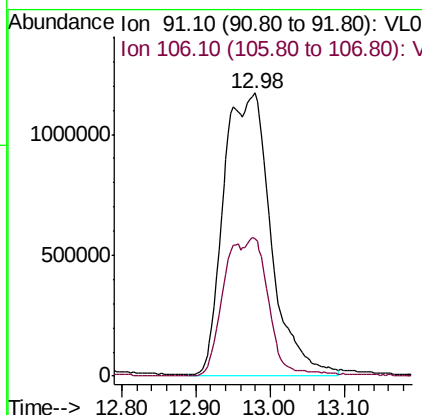
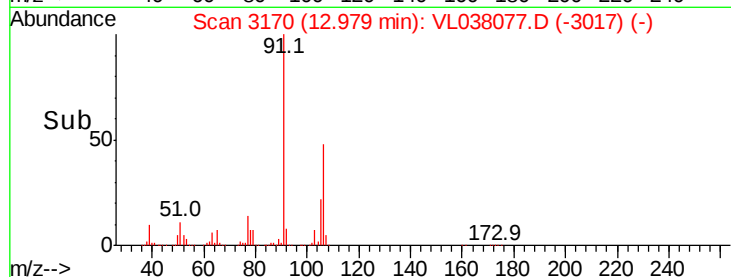
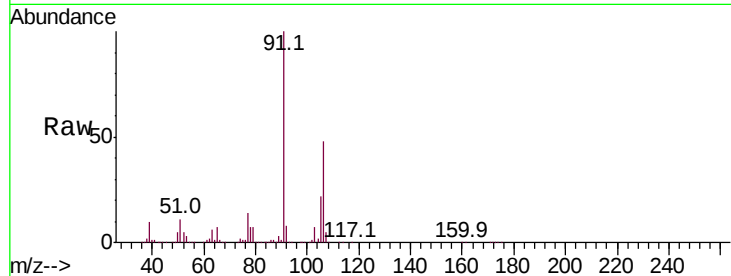


#59
m/p-Xylene
Concen: 18.627 ppbv m
RT: 12.98
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

Tot Ion:
Ion Ratio
91 100
106 46.

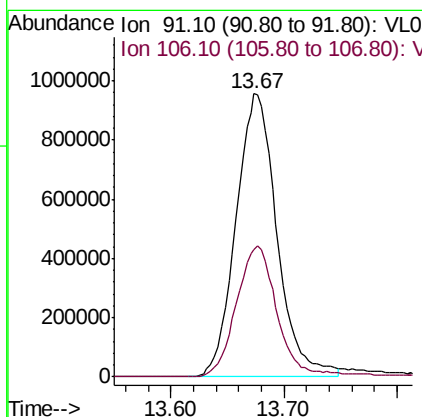
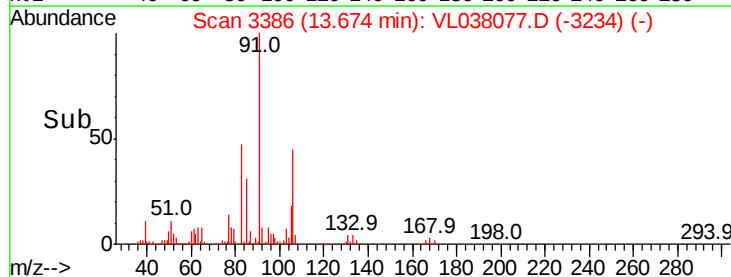
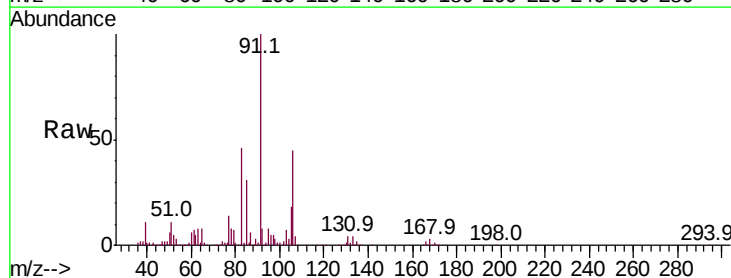
Manual Integrations
APPROVED

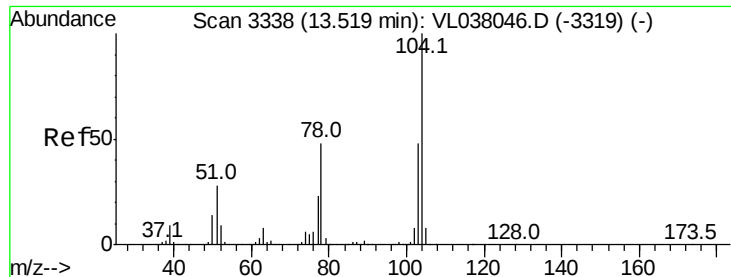
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 9.262 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 91 Resp: 2400968
Ion Ratio Lower Upper
91 100
106 47.7 24.2 72.6



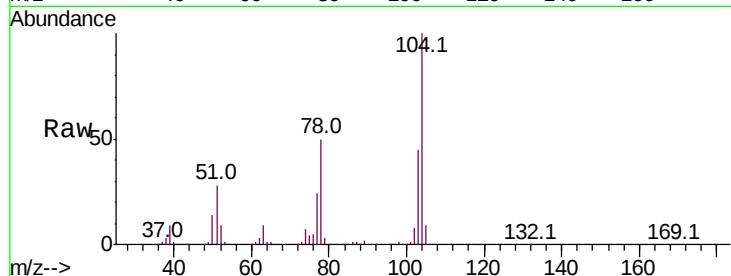


#61
Stvrene
Concen: 10.054 ppbv
RT: 13.51 min
Delta R.T.: 0.01 min
Lab File: VSTDCCC010EC
Acq: 19 Nov 2021 7:15

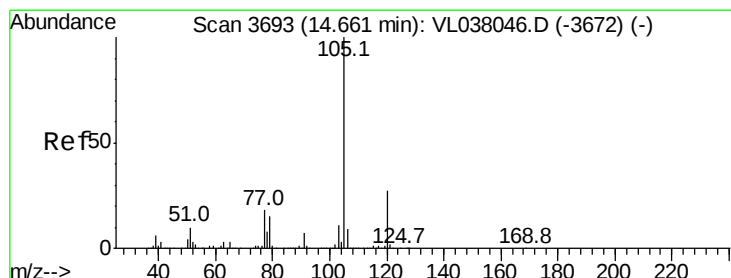
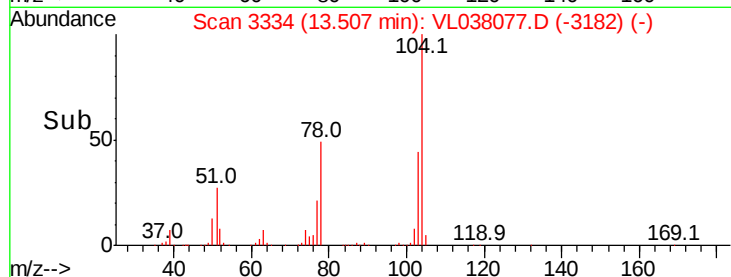
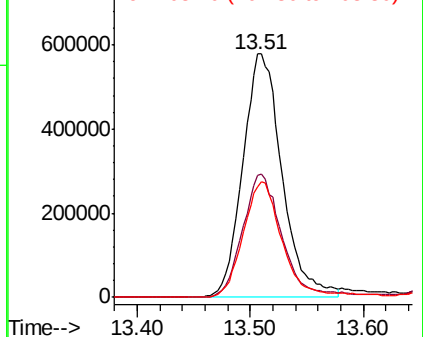
Tot Ion: 1
Ion Ratio
104 100
78 51.0
103 47.0

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

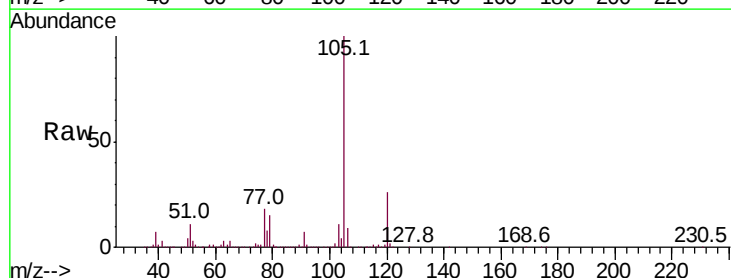


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): V
Ion 103.10 (102.80 to 103.80): V

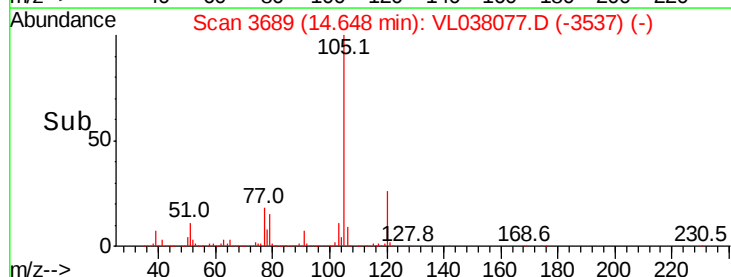
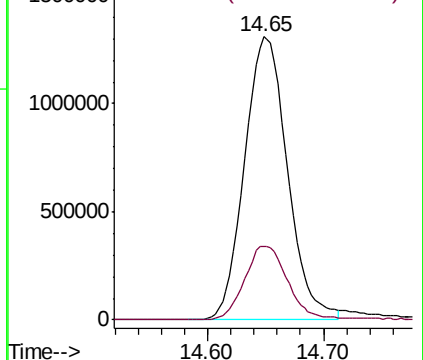


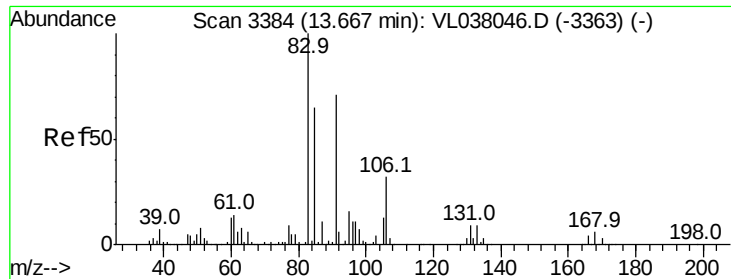
#62
Isopropylbenzene
Concen: 9.168 ppbv
RT: 14.65 min Scan# 3689
Delta R.T.: -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 105 Resp: 3373477
Ion Ratio Lower Upper
105 100
120 26.8 21.8 32.6



Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 8.950 ppbv

RT: 13.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:

Ion Ratio

83 100

131 9.

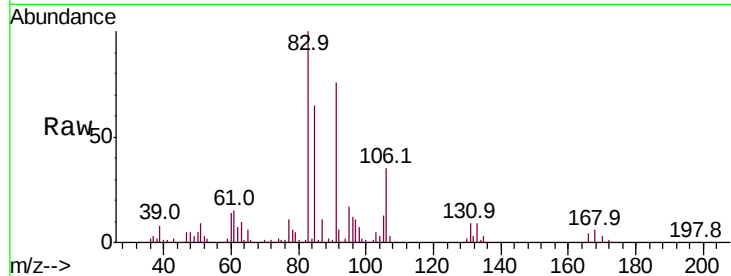
85 67.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

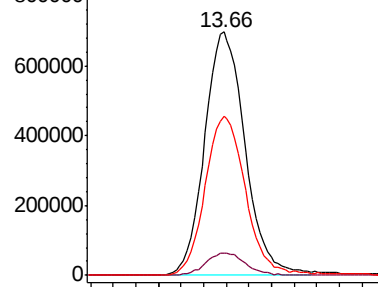
Supervised By :Mahesh Dadoda 11/29/2021



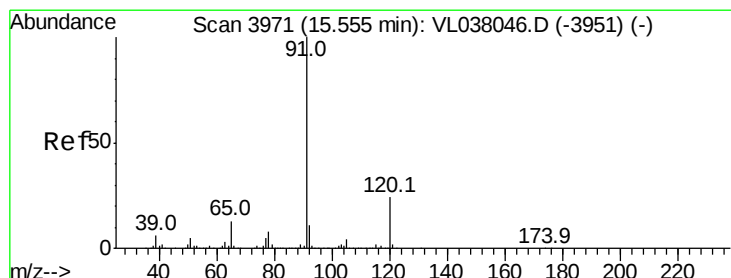
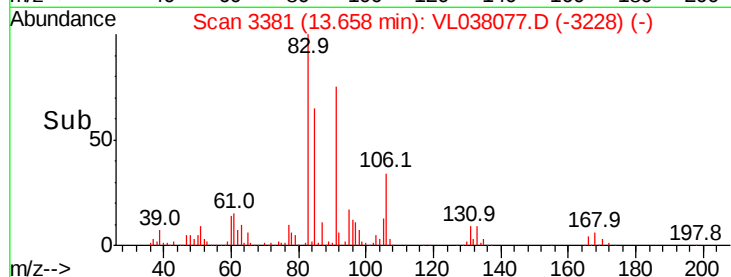
Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



Time-->



#64

n-propylbenzene

Concen: 9.541 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. -0.01 min

Lab File: VL038077.D

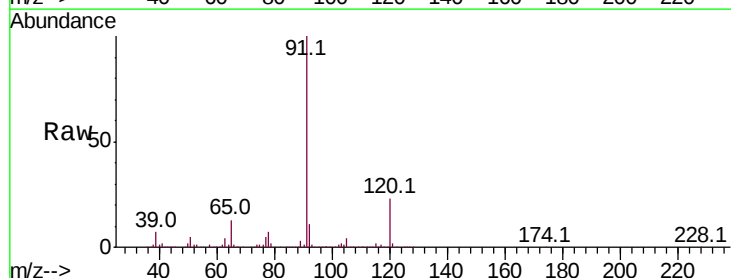
Acq: 19 Nov 2021 7:15

Tgt Ion:120 Resp: 894403

Ion Ratio Lower Upper

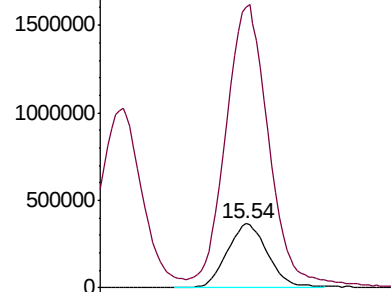
120 100

91 470.0 371.7 557.5

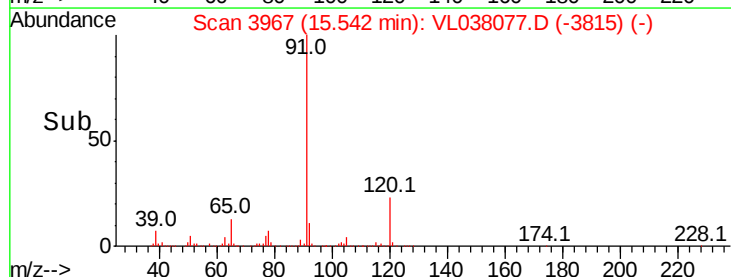


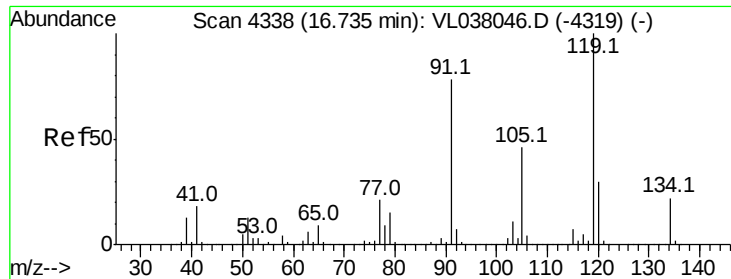
Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



Time-->



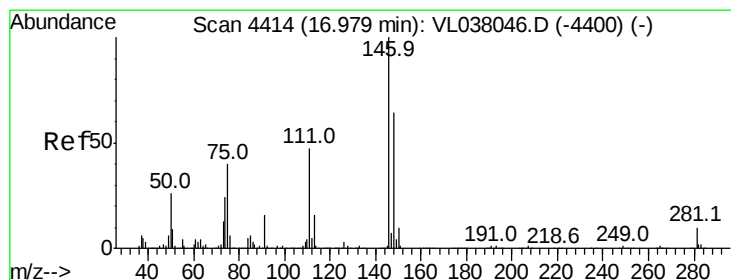
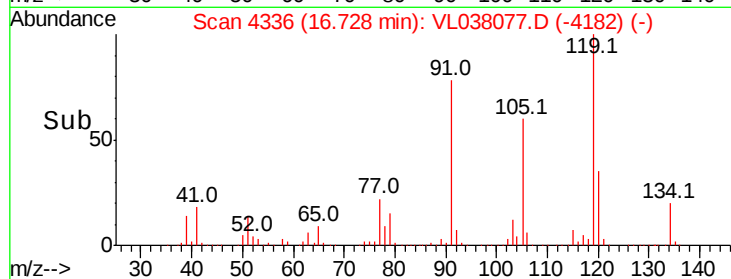
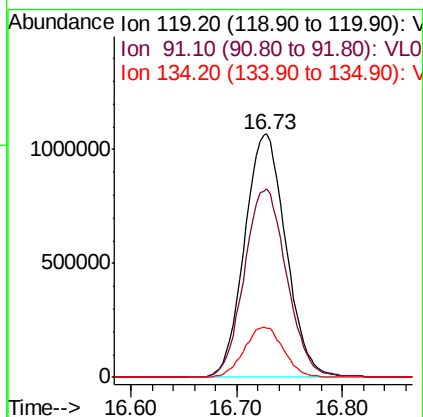
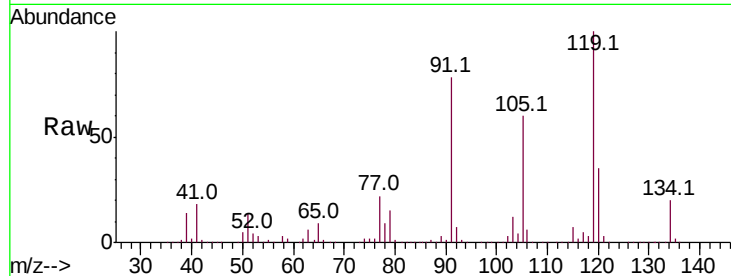


#65
tert-Butylbenzene
Concen: 8.986 ppbv
RT: 16.73 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Nov 2021 7:15

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

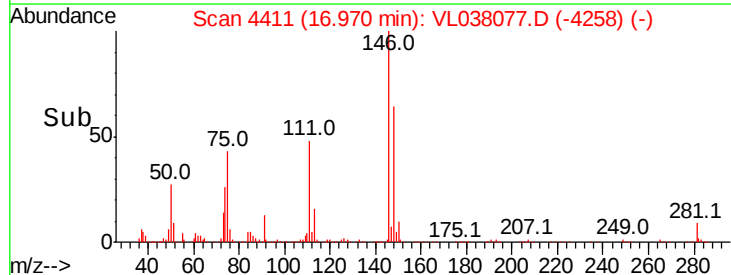
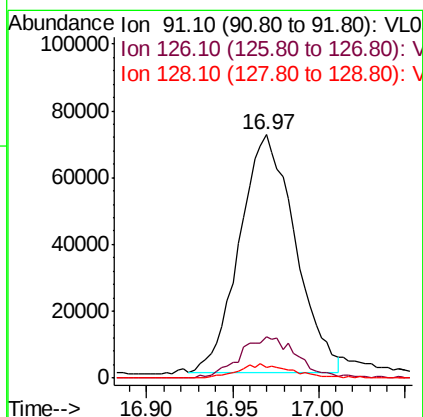
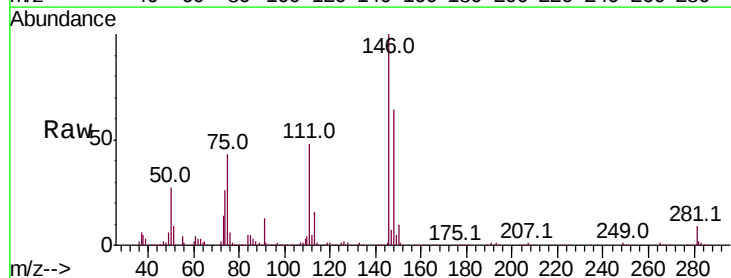
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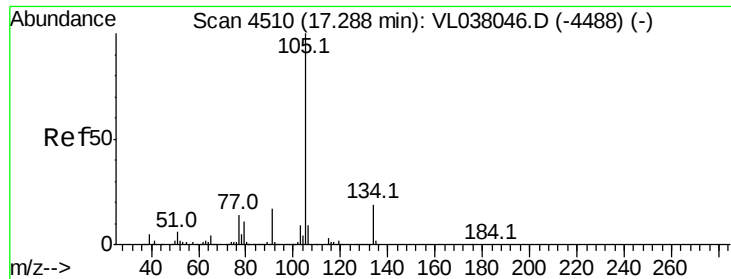
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 9.773 ppbv
RT: 16.97 min Scan# 4411
Delta R.T.: -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion: 91 Resp: 160566
Ion Ratio Lower Upper
91 100
126 18.2 15.5 23.3
128 5.9 5.6 8.4





#67

sec-Butylbenzene

Concen: 9.224 ppbv

RT: 17.27 min

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

VSTDCCC010EC

Acq: 19 Nov 2021 7:15

Tot Ion:1

Ion Ratio

105 100

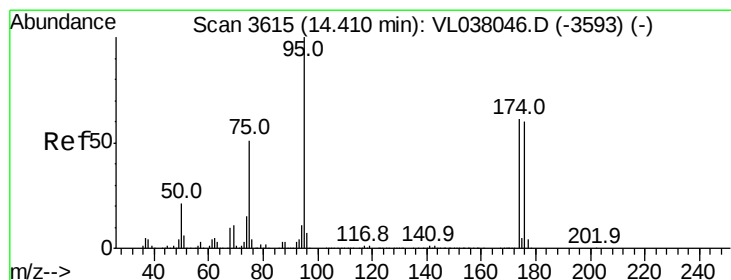
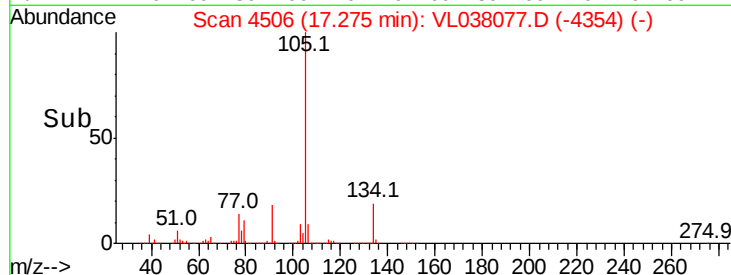
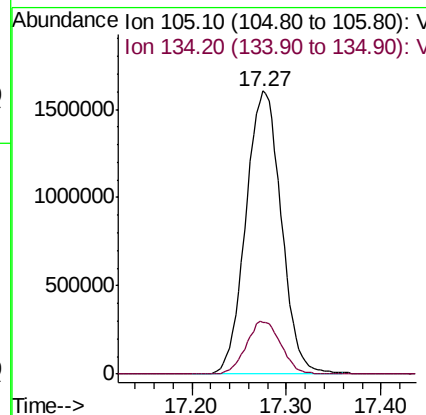
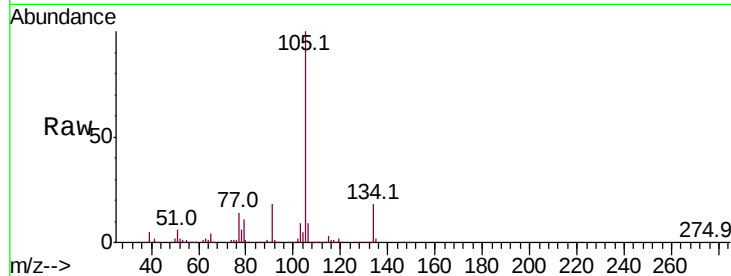
134 18.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#68

1-Bromo-4-Fluorobenzene

Concen: 10.218 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.02 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

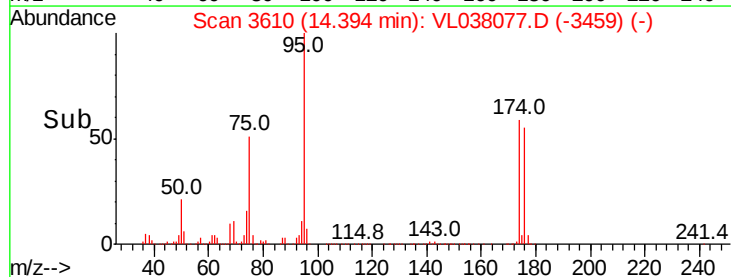
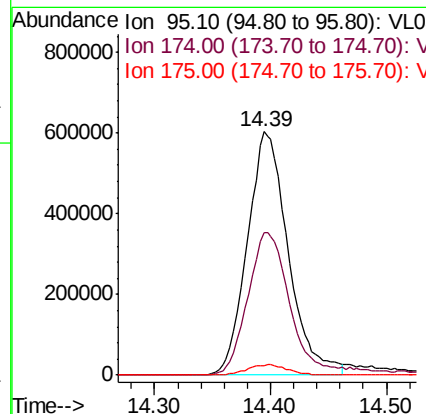
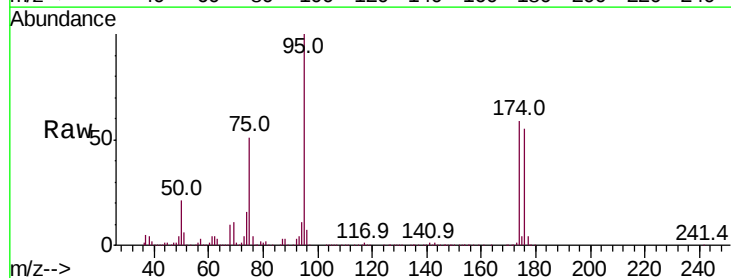
Tgt Ion: 95 Resp: 1480281

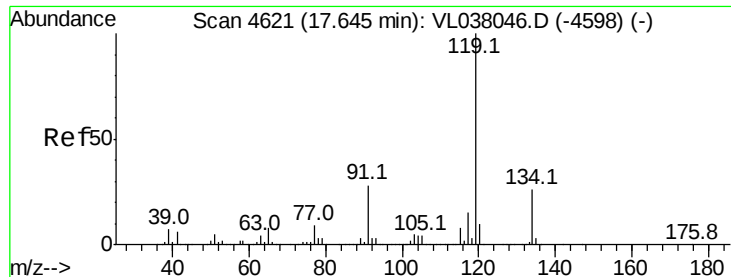
Ion Ratio Lower Upper

95 100

174 63.7 53.1 79.7

175 4.7 4.0 6.0



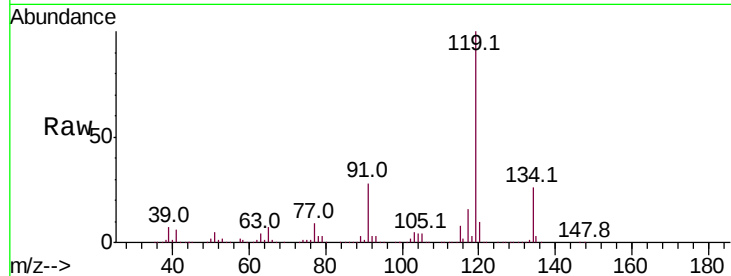


#69
 p-Isopropyltoluene
 Concen: 9.650 ppbv
 RT: 17.64 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

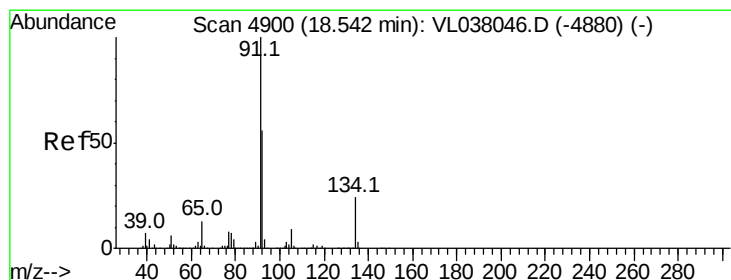
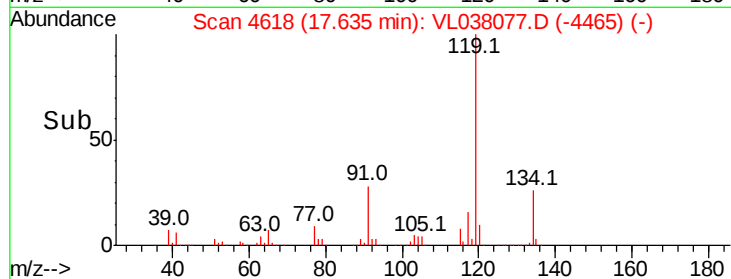
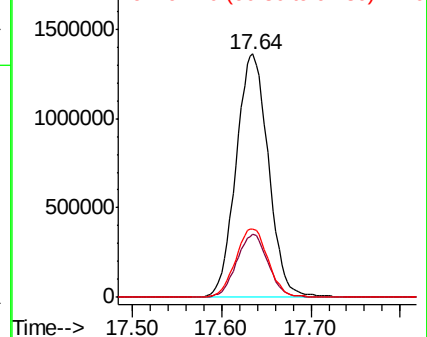
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 28.

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 Supervised By : Mahesh Dadoda 11/29/2021

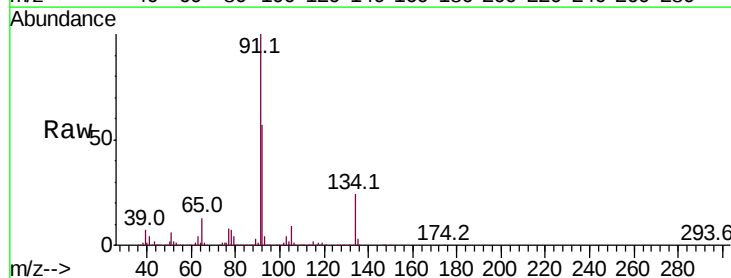


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

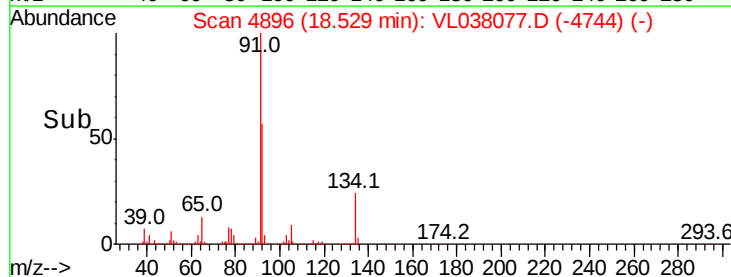
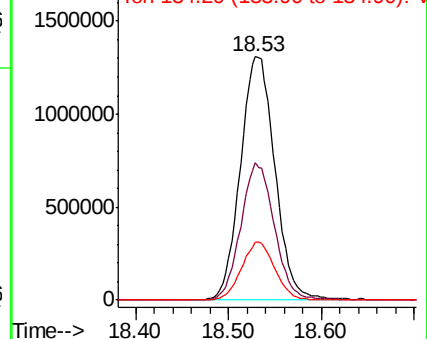


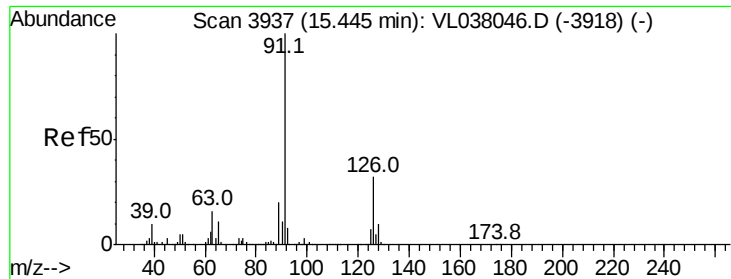
#70
 n-Butylbenzene
 Concen: 9.988 ppbv
 RT: 18.53 min Scan# 4896
 Delta R.T.: -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion: 91 Resp: 3374340
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.1 66.1
 134 23.2 18.9 28.3



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



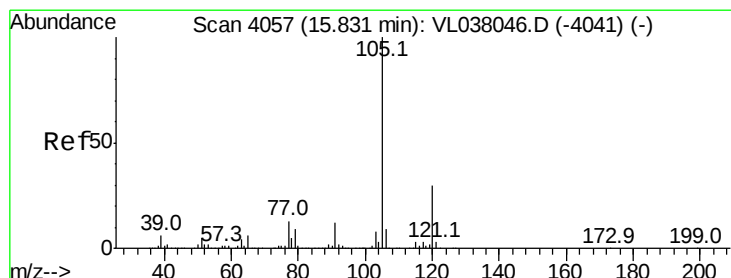
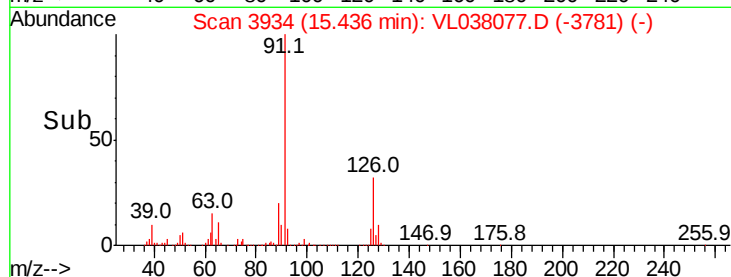
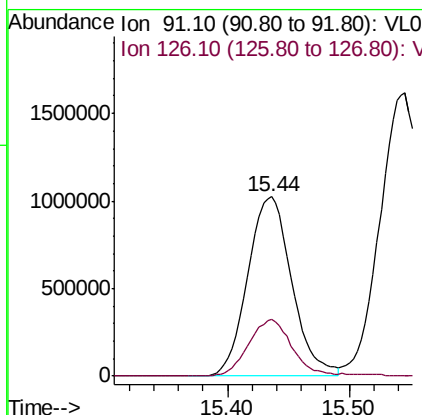
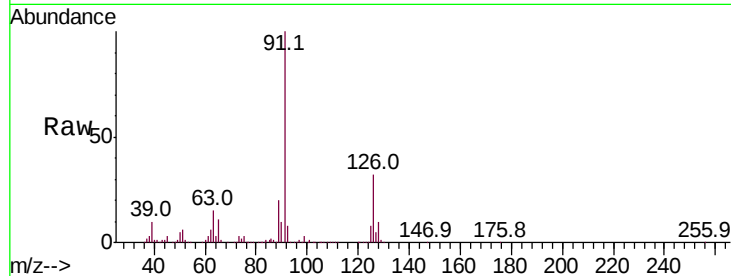


#71
 2-Chlorotoluene
 Concen: 9.519 ppbv
 RT: 15.44 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:
 Ion Ratio
 91 100
 126 32.

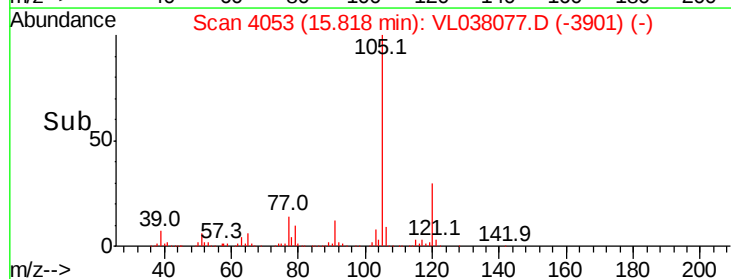
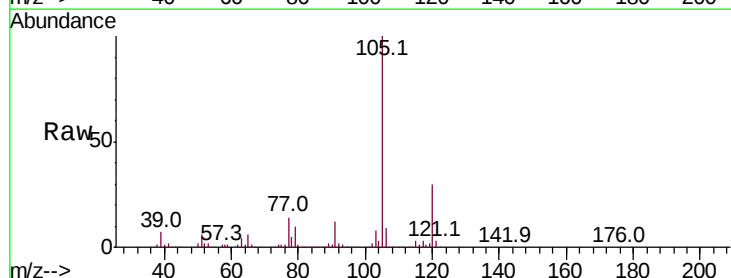
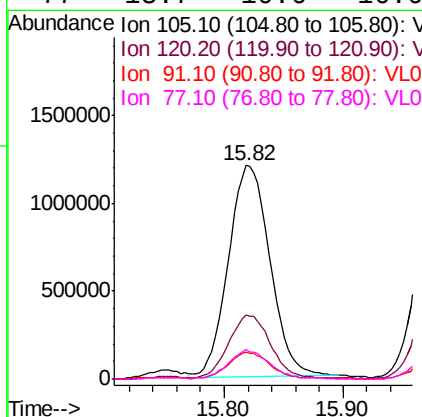
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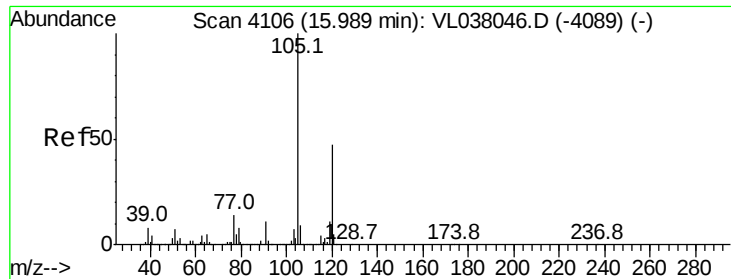
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#72
 4-Ethyltoluene
 Concen: 9.710 ppbv
 RT: 15.82 min Scan# 4053
 Delta R.T.: -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion:105 Resp: 2918397
 Ion Ratio Lower Upper
 105 100
 120 31.3 25.1 37.7
 91 12.4 9.7 14.5
 77 13.7 10.6 16.0



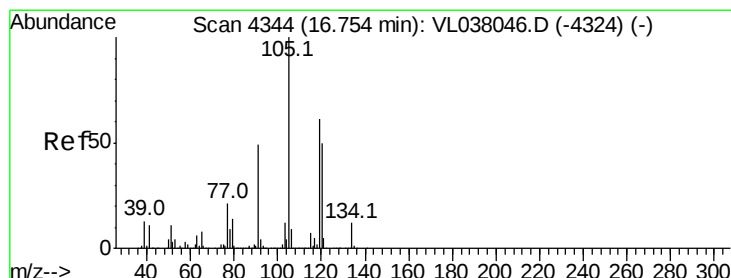
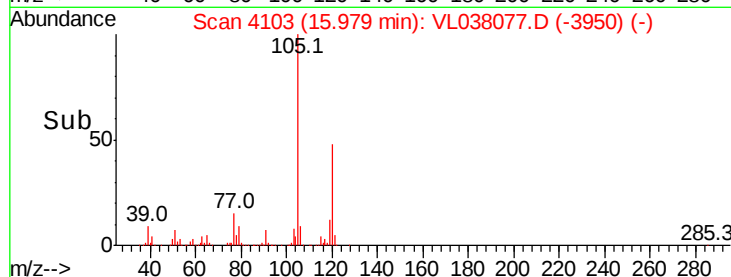
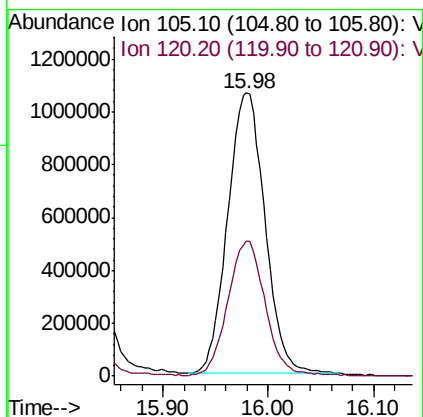
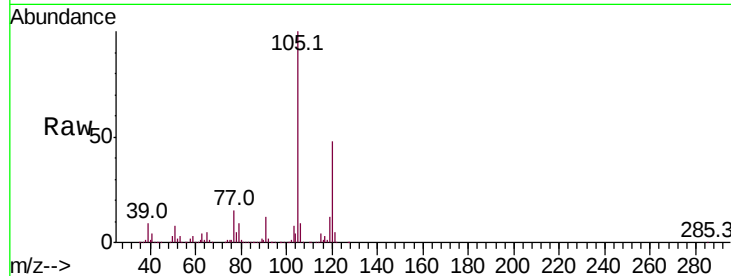


#73
 1,3,5-Trimethylbenzene
 Concen: 9.511 ppbv
 RT: 15.98 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

Tot Ion:1
 Ion Rati
 105 100
 120 47.

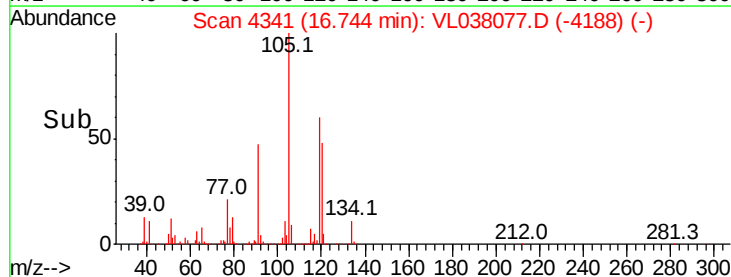
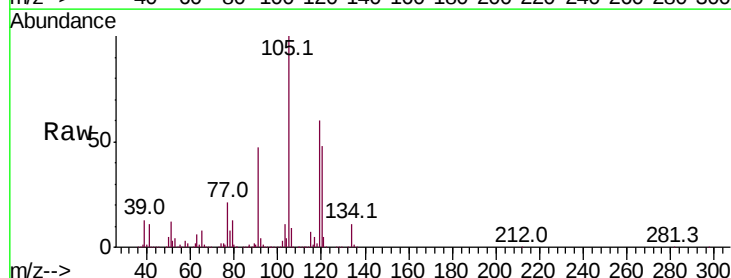
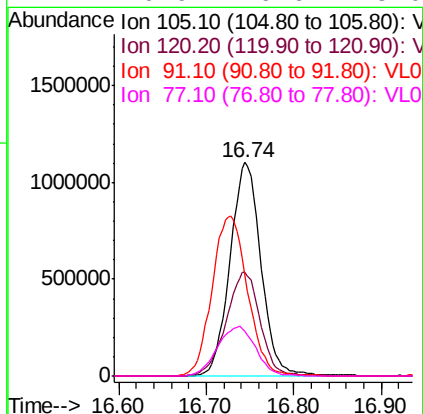
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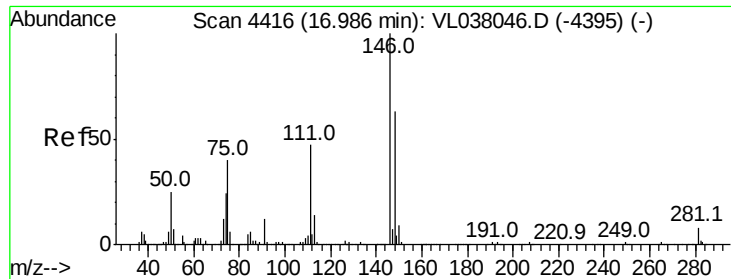
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 9.547 ppbv
 RT: 16.74 min Scan# 4341
 Delta R.T. -0.01 min
 Lab File: VL038077.D
 Acq: 19 Nov 2021 7:15

Tgt Ion:105 Resp: 2700577
 Ion Ratio Lower Upper
 105 100
 120 48.3 40.1 60.1
 91 47.2 39.8 59.8
 77 20.9 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 9.960 ppbv

RT: 16.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

Tot Ion:1

Ion Rati

146 100

111 47.

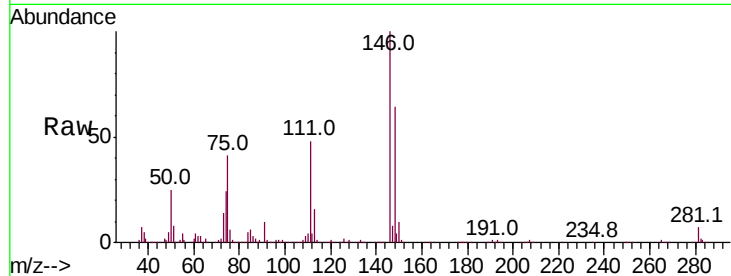
148 64.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

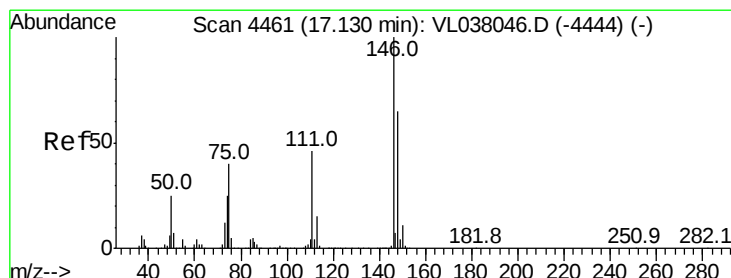
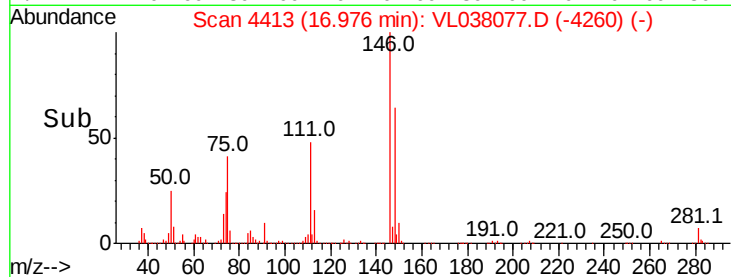
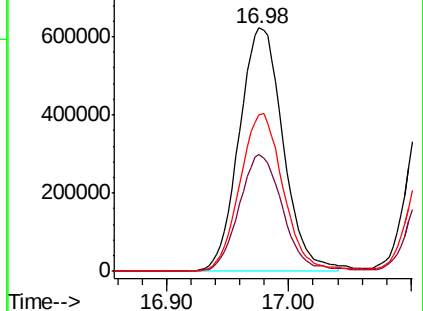
Supervised By :Mahesh Dadoda 11/29/2021



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: 9.555 ppbv

RT: 17.12 min Scan# 4457

Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

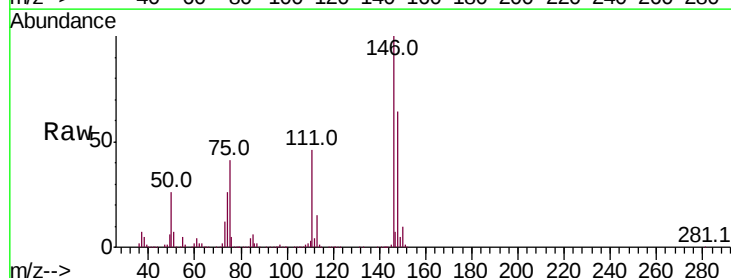
Tgt Ion:146 Resp: 1493897

Ion Ratio Lower Upper

146 100

111 48.5 23.8 71.5

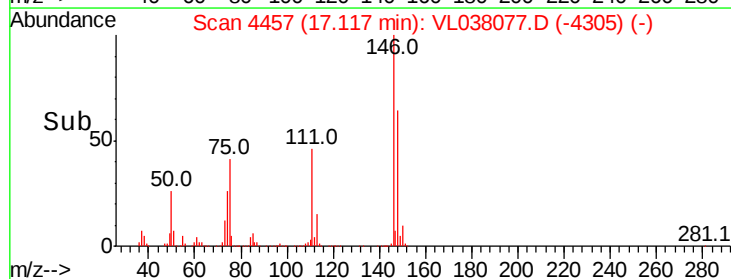
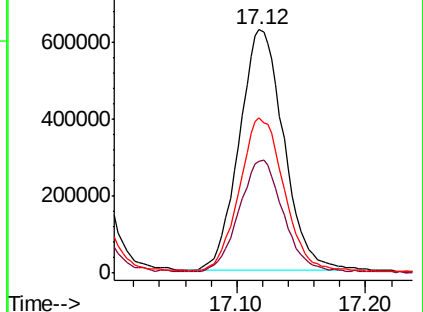
148 67.5 33.2 99.6

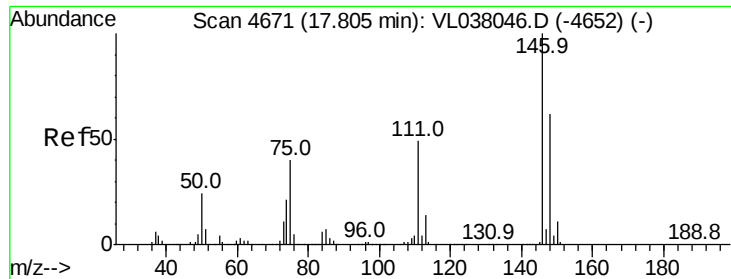


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#77

1,2-Dichlorobenzene

Concen: 9.771 ppbv

RT: 17.80

Delta R.T. MSVOA_L

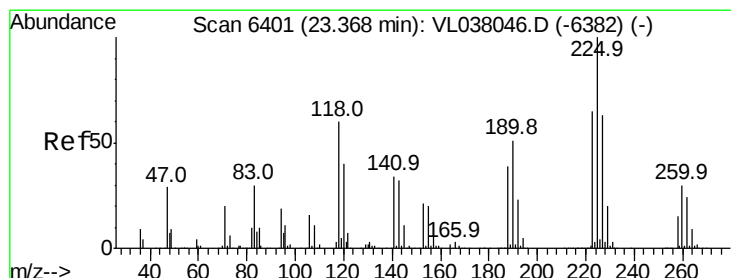
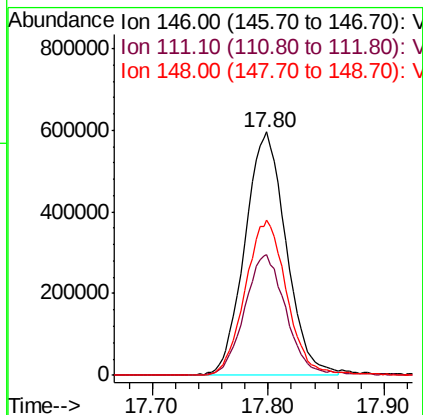
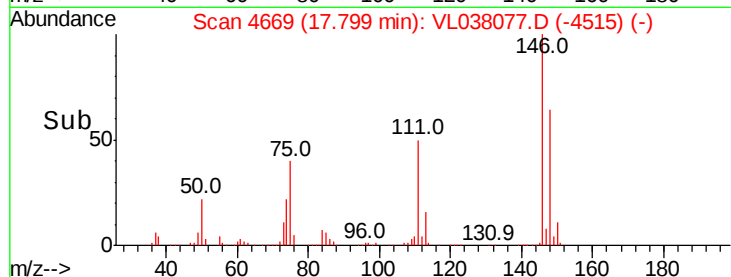
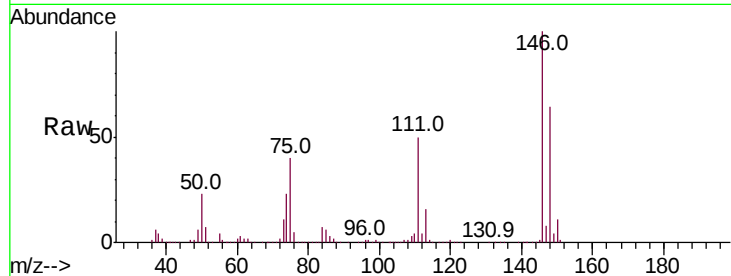
Lab File: ClientSampleId:

Acq: 19 Nov 2021 7:15 VSTDCCC010EC

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

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



#78

Hexachloro-1,3-Butadiene

Concen: 8.433 ppbv

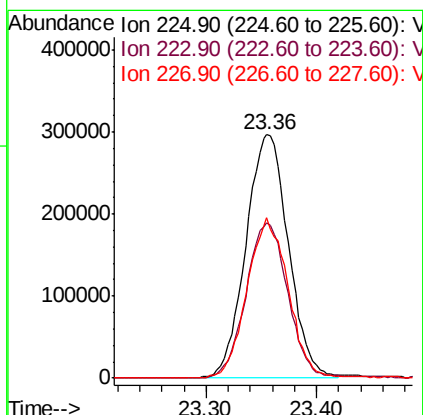
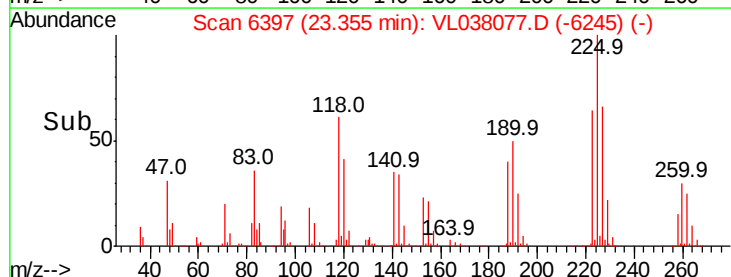
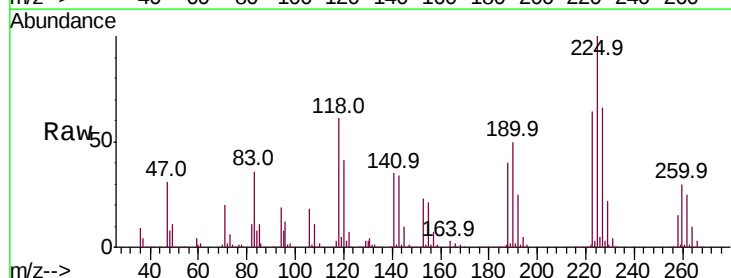
RT: 23.36 min Scan# 6397

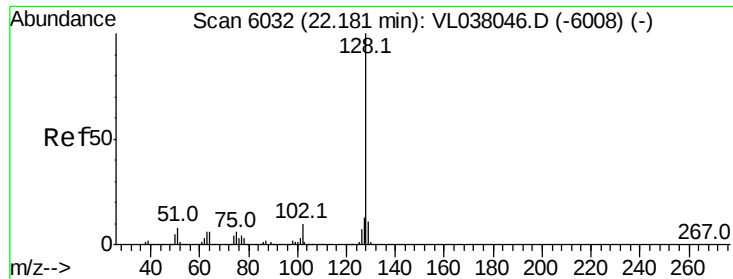
Delta R.T. -0.01 min

Lab File: VL038077.D

Acq: 19 Nov 2021 7:15

Tgt Ion:225 Resp: 792088
Ion Ratio Lower Upper
225 100
223 63.4 52.3 78.5
227 64.3 52.4 78.6



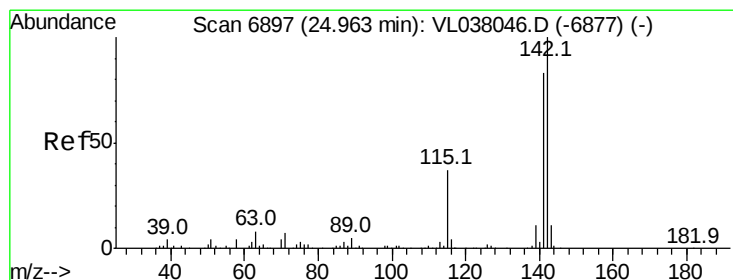
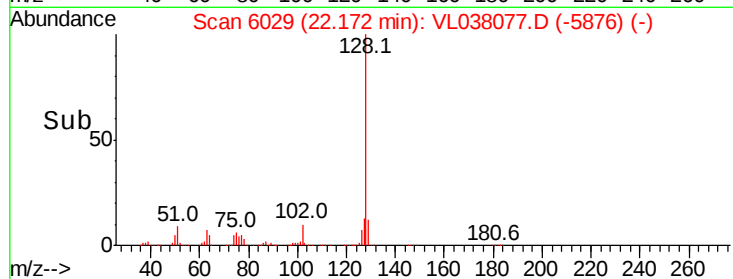
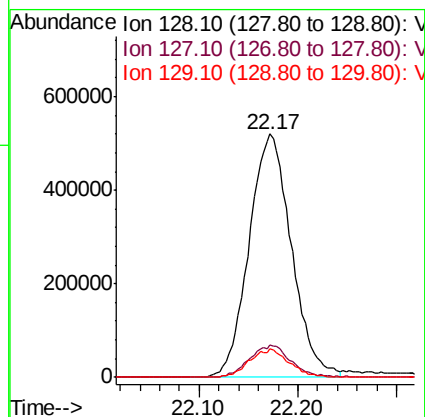
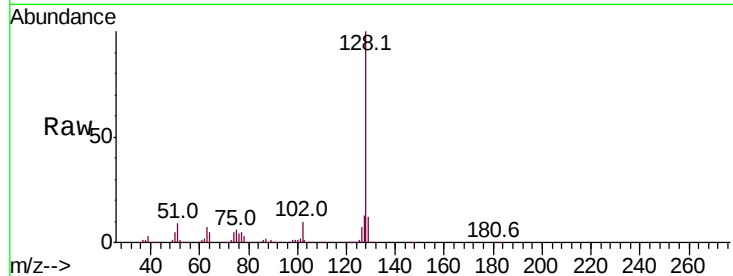


#79
Naphthalene
Concen: 10.336 ppbv
RT: 22.17 min
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Nov 2021 7:15
VSTDCCC010EC

Tot Ion:1
Ion Ratio
128 100
127 13.
129 11.

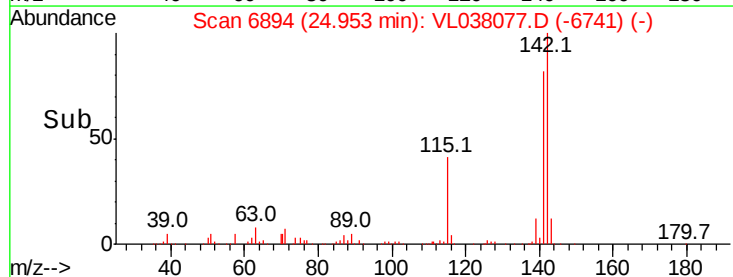
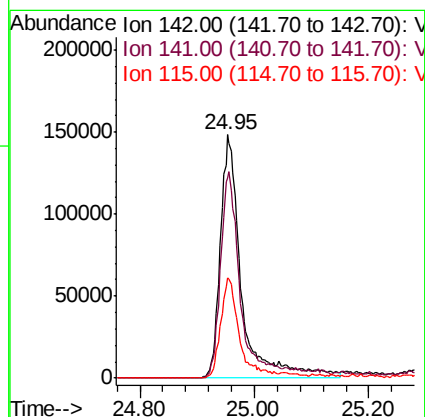
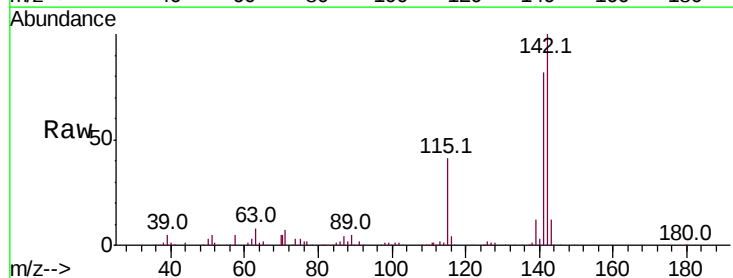
Manual Integrations
APPROVED

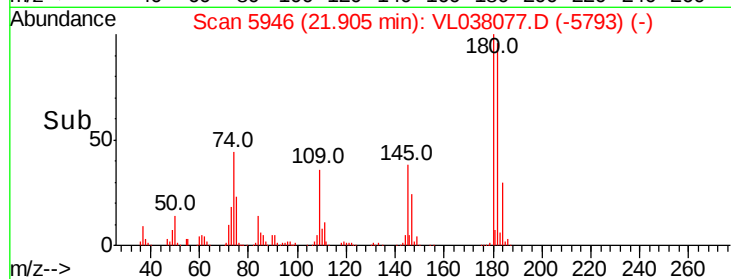
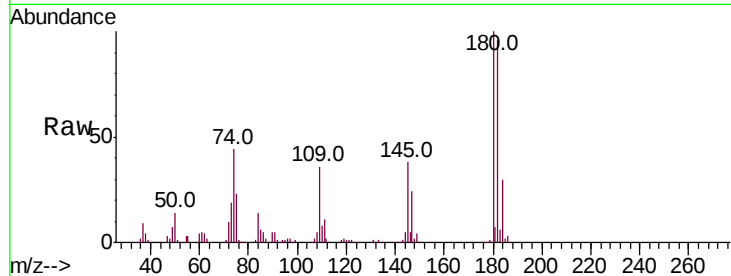
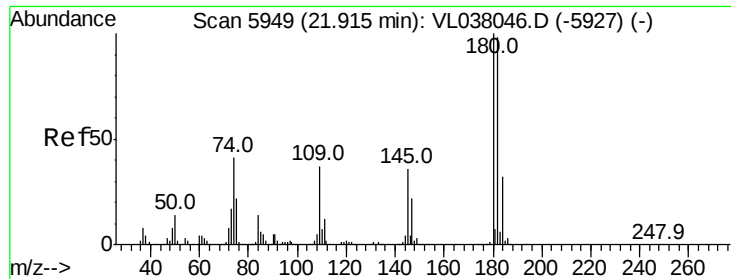
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 12.009 ppbv
RT: 24.95 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL038077.D
Acq: 19 Nov 2021 7:15

Tgt Ion:142 Resp: 383389
Ion Ratio Lower Upper
142 100
141 81.5 67.3 100.9
115 40.1 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.806 ppbv
 RT: 21.91
 Delta R.T
 Lab File: VSTDCCC010EC
 Acq: 19 Nov 2021 7:15

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

Manual Integrations
 APPROVED

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

