

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038079.D
 Acq On : 19 Nov 2021 10:46
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 06:54:46 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	743506	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2199437	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1931186m	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1453463	10.43	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	1128128	9.186 ppbv	98
3) Chlorodifluoromethane	2.98	51	1510843	9.676 ppbv	100
4) Chloromethane	3.13	50	517525	9.737 ppbv	98
5) Vinyl Chloride	3.25	62	514776	9.872 ppbv	99
6) Bromomethane	3.47	94	270306	9.677 ppbv	94
7) Chloroethane	3.55	64	167622	9.058 ppbv	95
8) Dichlorotetrafluoroethane	3.18	85	1209889	9.903 ppbv	97
9) Propene	3.01	41	540259	9.395 ppbv	99
10) Heptane	8.10	43	1347839	9.484 ppbv	100
11) Trichlorofluoromethane	3.94	101	1140794	9.767 ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.47	101	810809	9.813 ppbv	99
13) Ethanol	3.60	45	48769m	8.776 ppbv	
14) Bromoethene	3.73	108	362075	9.786 ppbv	98
15) Acetone	3.84	43	599795	9.304 ppbv	98
16) 1,3-Butadiene	3.32	39	487697	9.697 ppbv	100
17) tert-Butyl alcohol	4.28	59	684178	8.750 ppbv	100
18) 1,1-Dichloroethene	4.28	96	361900	9.548 ppbv	93
19) Isopropyl Alcohol	3.95	45	398347	8.552 ppbv	# 98
20) Methylene Chloride	4.33	84	309168	8.563 ppbv	94
21) Allyl Chloride	4.40	41	566560	9.495 ppbv	98
22) trans-1,2-Dichloroethene	4.87	96	381542	9.938 ppbv	99
23) Vinyl Acetate	5.06	43	948516	10.164 ppbv	100
24) 1,1-Dichloroethane	5.00	63	766178	9.860 ppbv	98
25) Ethyl Acetate	5.66	43	2066291	9.645 ppbv	99
26) Hexane	5.67	57	973723	9.429 ppbv	97
27) Carbon Disulfide	4.54	76	904532	9.778 ppbv	98
28) Methyl tert-Butyl Ether	5.02	73	850203	9.692 ppbv	100
29) Chloroform	5.74	83	1482548	9.741 ppbv	98
30) Cyclohexane	7.11	84	870668	9.287 ppbv	99
31) cis-1,2-Dichloroethene	5.54	61	964572	9.819 ppbv	97
32) 1,1,1-Trichloroethane	6.49	97	1487698	9.632 ppbv	99
34) 2-Butanone	5.23	43	870773	9.819 ppbv	98
35) Carbon Tetrachloride	7.00	117	1534669	9.931 ppbv	98
36) Benzene	6.87	78	2109915	9.617 ppbv	100
37) 1,2-Dichloroethane	6.29	62	1096478	10.348 ppbv	99
38) Trichloroethene	7.82	130	751398	9.079 ppbv	98
39) 1,2-Dichloropropane	7.59	63	821265	9.758 ppbv	98
40) 1,4-Dioxane	7.82	88	195452	8.914 ppbv	# 1
41) Tetrahydrofuran	6.03	42	531152	9.648 ppbv	99
42) Bromodichloromethane	7.77	83	1629953	10.118 ppbv	99
43) Methyl Methacrylate	8.00	69	781881	10.417 ppbv	98

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Instrument :
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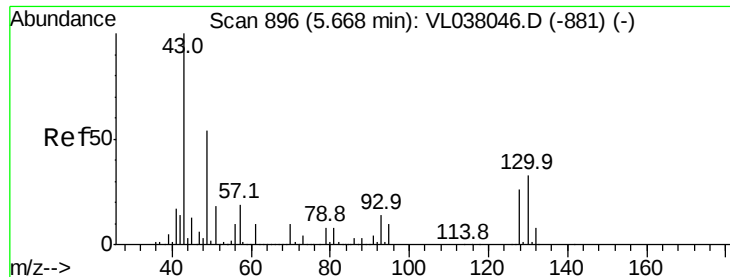
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3431893	9.349	ppbv	99
45) t-1,3-Dichloropropene	9.26	75	660676	10.973	ppbv	95
46) cis-1,3-Dichloropropene	8.68	75	856545	10.518	ppbv	98
47) 1,1,2-Trichloroethane	9.45	97	844451	9.580	ppbv	94
48) Dibromochloromethane	10.28	129	1360382	10.135	ppbv	99
49) Bromoform	13.01	173	1004140	10.456	ppbv	98
50) 4-Methyl-2-Pentanone	8.73	43	1384840	10.282	ppbv	99
51) 2-Hexanone	10.11	43	642038	10.132	ppbv #	98
52) Tetrachloroethene	11.20	164	696538	8.580	ppbv	98
53) Toluene	9.79	91	2408108	9.539	ppbv	99
54) 1,2-Dibromoethane	10.59	107	1204011	9.670	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.10	131	870058	9.924	ppbv	96
57) Chlorobenzene	12.12	112	1695311	9.794	ppbv	96
58) Ethyl Benzene	12.69	91	3162095	9.907	ppbv	97
59) m/p-Xylene	12.97	91	5161510m	19.210	ppbv	
60) o-Xylene	13.67	91	2368911	9.504	ppbv	98
61) Styrene	13.50	104	1345434	10.068	ppbv	97
62) Isopropylbenzene	14.64	105	3347374	9.461	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.65	83	1681438	9.082	ppbv	99
64) n-propylbenzene	15.54	120	873205	9.688	ppbv	99
65) tert-Butylbenzene	16.72	119	2815793	9.033	ppbv	99
66) Benzyl Chloride	16.97	91	131959	8.353	ppbv	96
67) sec-Butylbenzene	17.27	105	3960430	9.118	ppbv	100
69) p-Isopropyltoluene	17.63	119	3199989	9.418	ppbv	99
70) n-Butylbenzene	18.53	91	3102140	9.549	ppbv	99
71) 2-Chlorotoluene	15.43	91	2488048	9.618	ppbv	98
72) 4-Ethyltoluene	15.82	105	2861846	9.903	ppbv	99
73) 1,3,5-Trimethylbenzene	15.97	105	2513428	9.522	ppbv	100
74) 1,2,4-Trimethylbenzene	16.74	105	2537737	9.330	ppbv	98
75) 1,3-Dichlorobenzene	16.97	146	1424187	9.533	ppbv	99
76) 1,4-Dichlorobenzene	17.11	146	1421346	9.454	ppbv	97
77) 1,2-Dichlorobenzene	17.79	146	1332545	9.212	ppbv	100
78) Hexachloro-1,3-Butadiene	23.35	225	716412	7.932	ppbv	100
79) Naphthalene	22.16	128	1422916	9.934	ppbv	100
80) Naphthalene, 2-methyl-	24.95	142	327606	10.672	ppbv	98
81) 1,2,4-Trichlorobenzene	21.89	180	769064	9.343	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 19 Nov 2021 10:40

Tot Ion:

Ion Ratio

49 100

128 51.

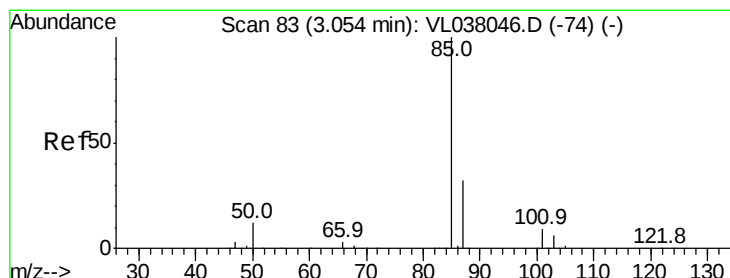
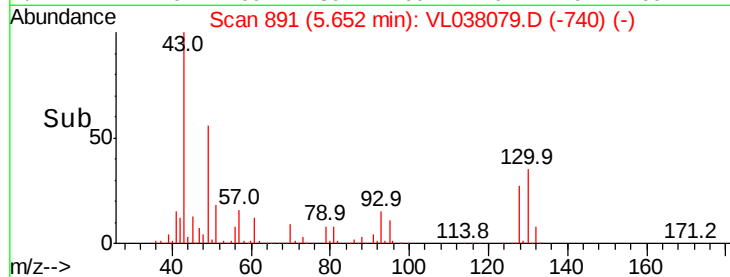
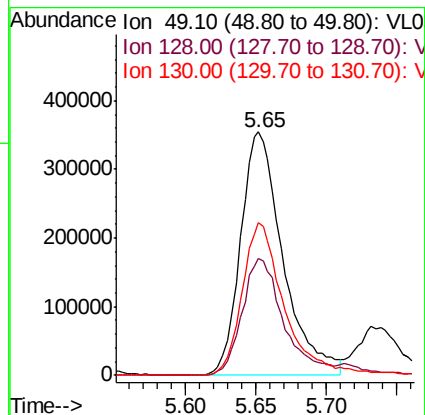
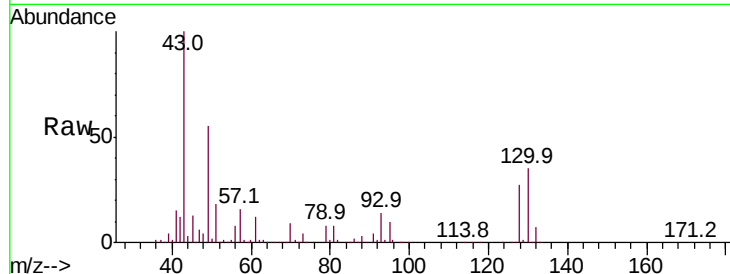
130 63.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#2

Dichlorodifluoromethane

Concen: 9.186 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.01 min

Lab File: VL038079.D

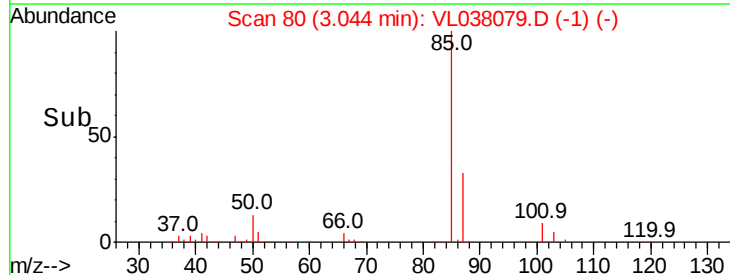
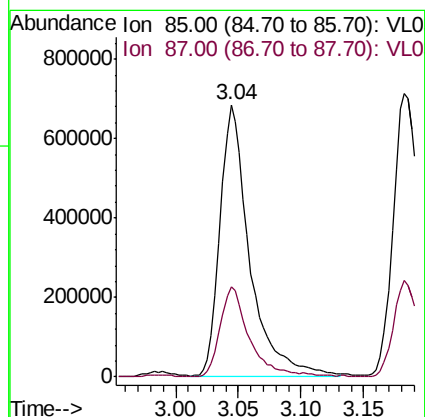
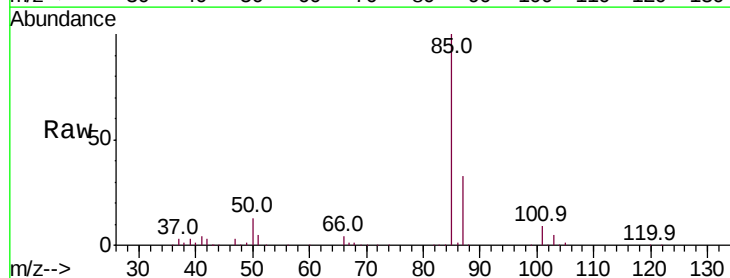
Acq: 19 Nov 2021 10:46

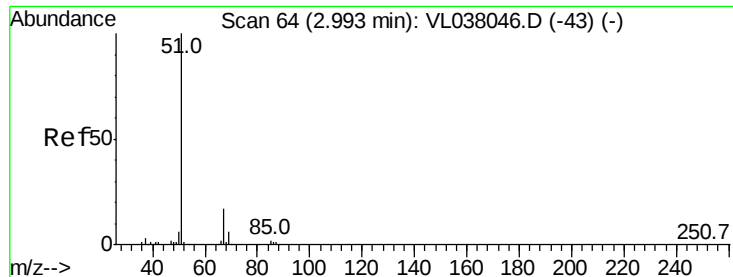
Tgt Ion: 85 Resp: 1128128

Ion Ratio Lower Upper

85 100

87 33.1 25.8 38.6



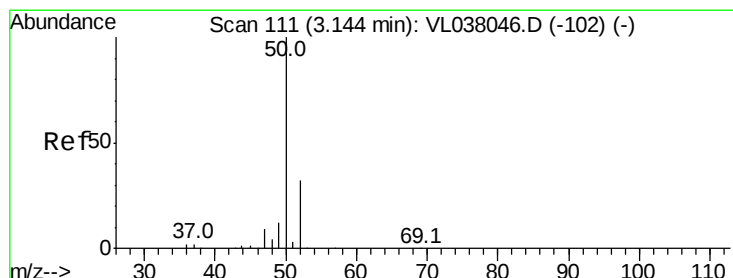
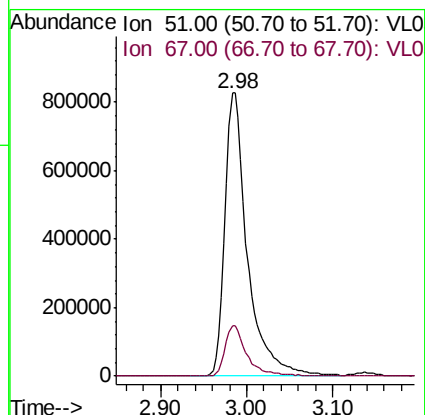
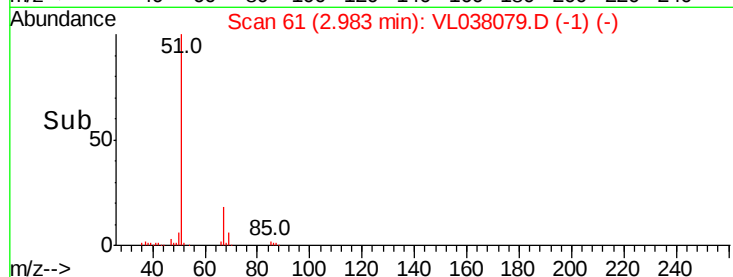
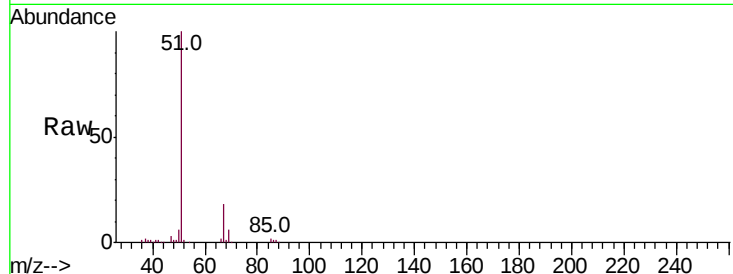


#3
Chlorodifluoromethane
Concen: 9.676 ppbv
RT: 2.98
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 19 Nov 2021 10:48

Tot Ion:
Ion Ratio
51 100
67 17.

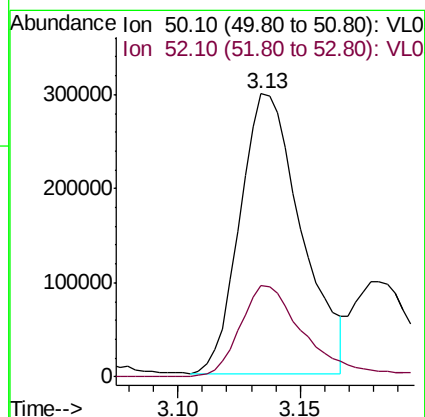
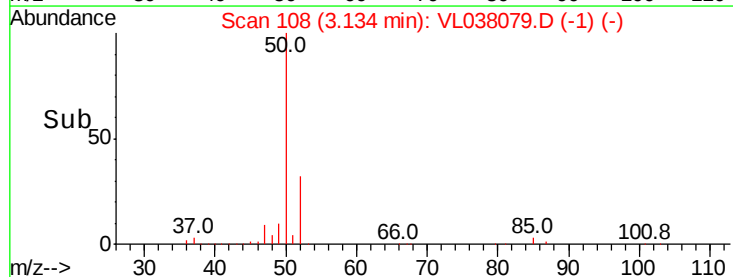
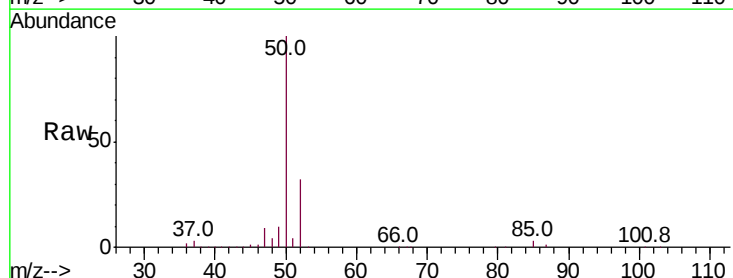
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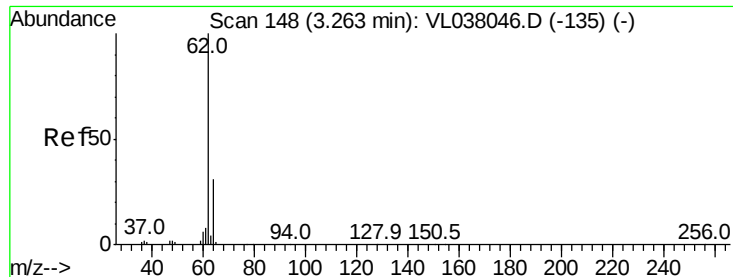
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#4
Chloromethane
Concen: 9.737 ppbv
RT: 3.13 min Scan# 108
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 50 Resp: 517525
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0





#5

Vinyl Chloride

Concen: 9.872 ppbv

RT: 3.25 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:48 VSTDCCC010

Tot Ion:

Ion Ratio

62 100

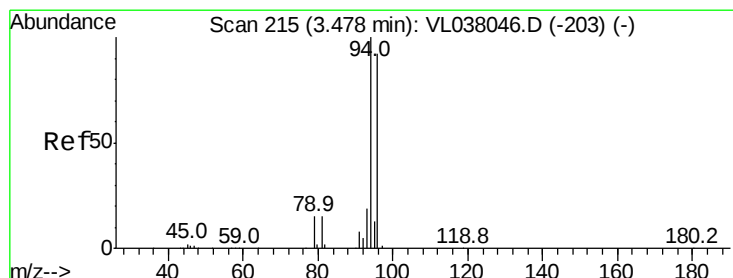
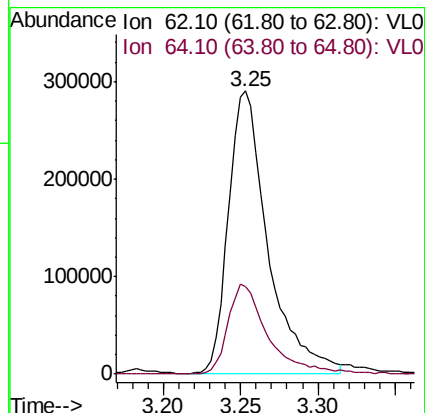
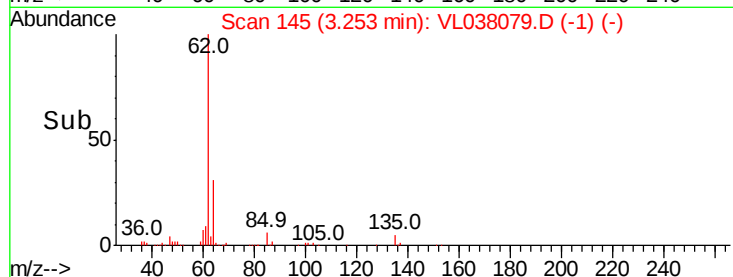
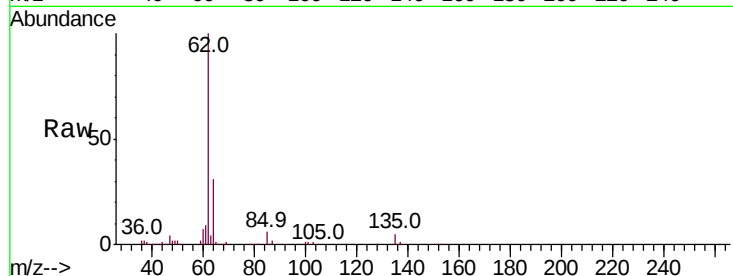
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#6

Bromomethane

Concen: 9.677 ppbv

RT: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL038079.D

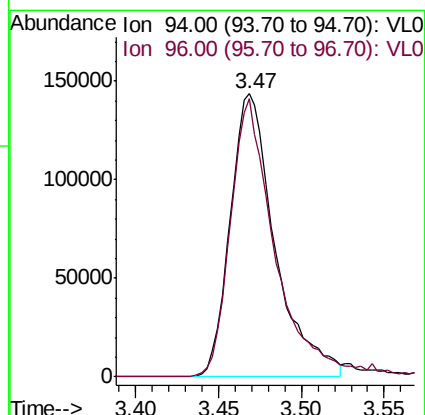
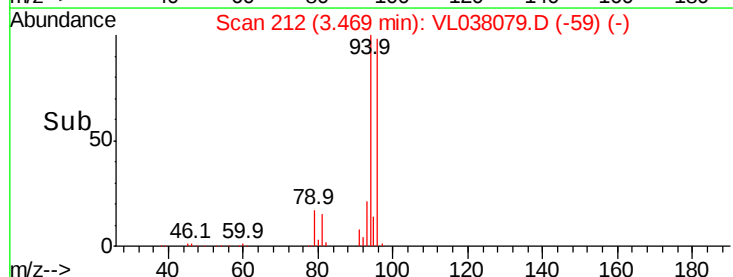
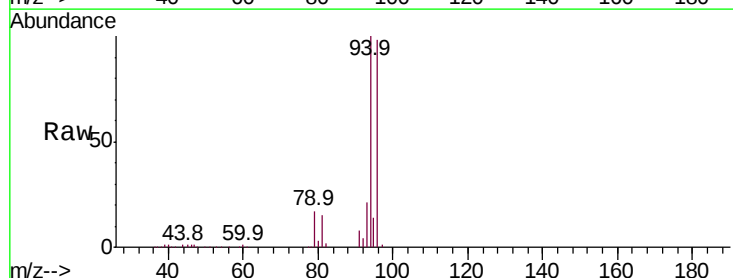
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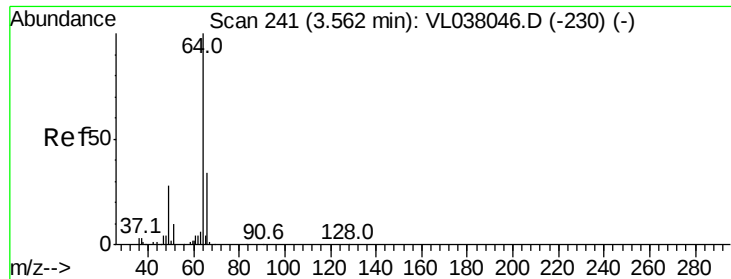
Tgt Ion: 94 Resp: 270306

Ion Ratio Lower Upper

94 100

96 98.2 73.9 110.9





#7

Chloroethane

Concen: 9.058 ppbv

RT: 3.55 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:40 VSTDCCC010

Tot Ion:

Ion Ratio

64 100

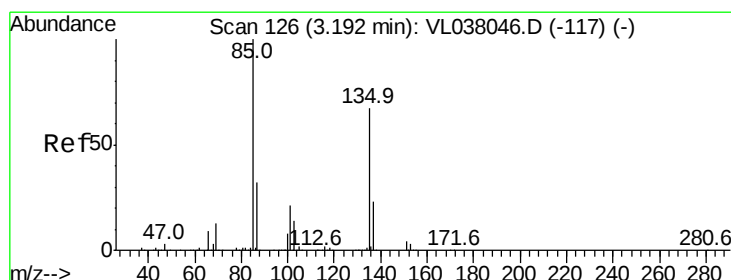
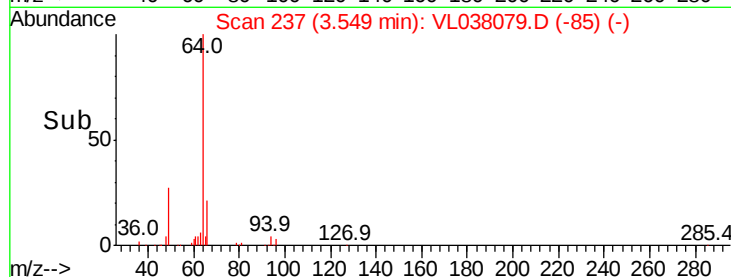
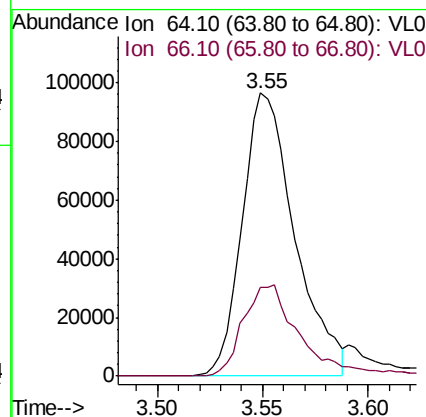
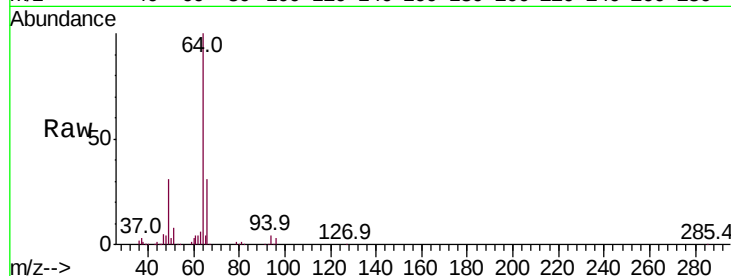
66 31.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 11/29/2021



#8

Dichlorotetrafluoroethane

Concen: 9.903 ppbv

RT: 3.18 min Scan# 123

Delta R.T. -0.01 min

Lab File: VL038079.D

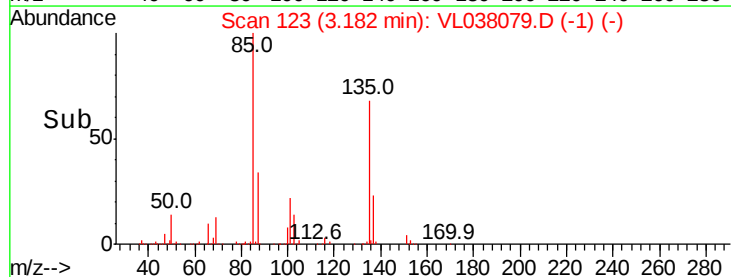
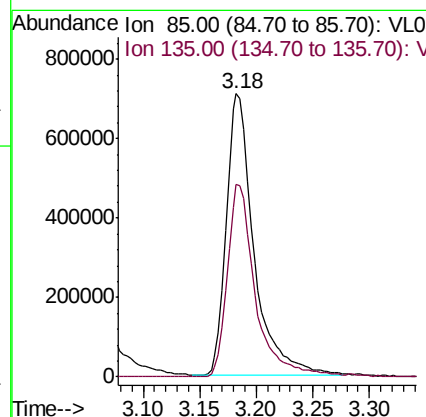
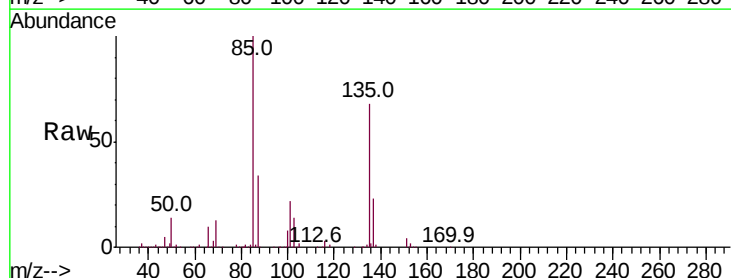
Acq: 19 Nov 2021 10:46

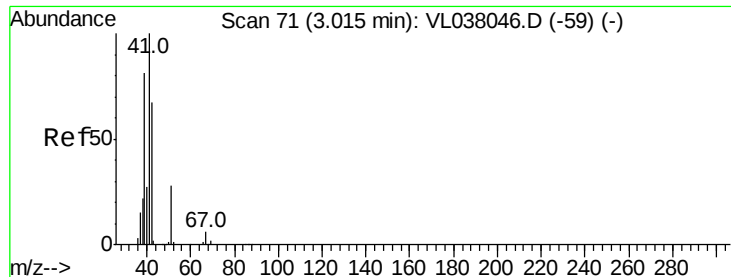
Tgt Ion: 85 Resp: 1209889

Ion Ratio Lower Upper

85 100

135 70.1 57.9 86.9





#9

Propene

Concen: 9.395 ppbv

RT: 3.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:48

Tot Ion:

Ion Ratio

41 100

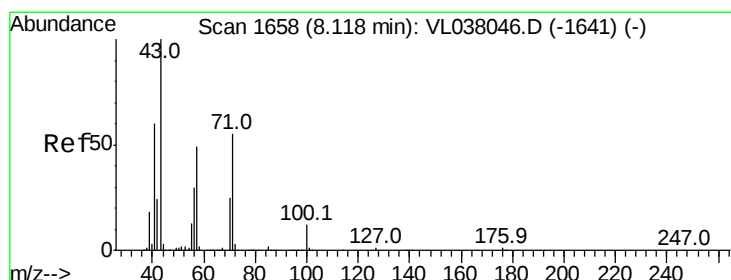
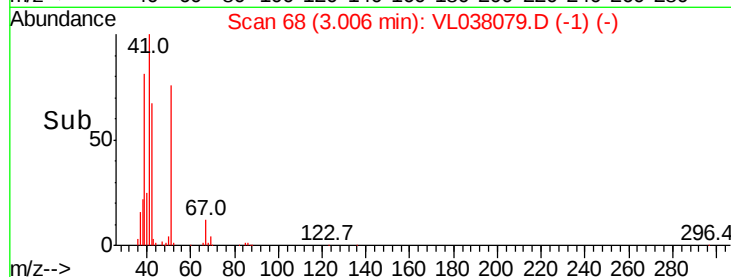
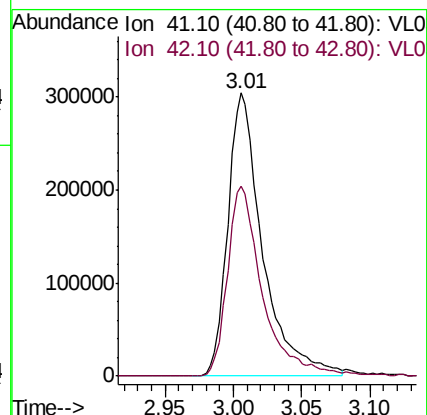
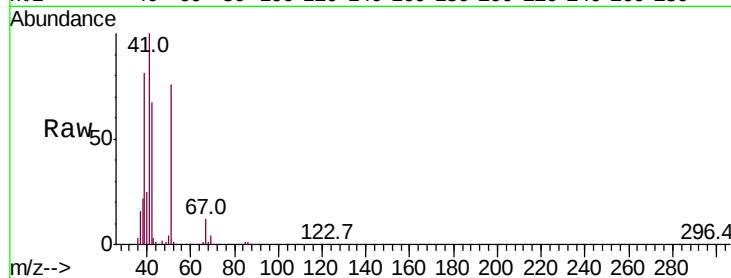
42 68.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#10

Heptane

Concen: 9.484 ppbv

RT: 8.10 min Scan# 1653

Delta R.T. -0.02 min

Lab File: VL038079.D

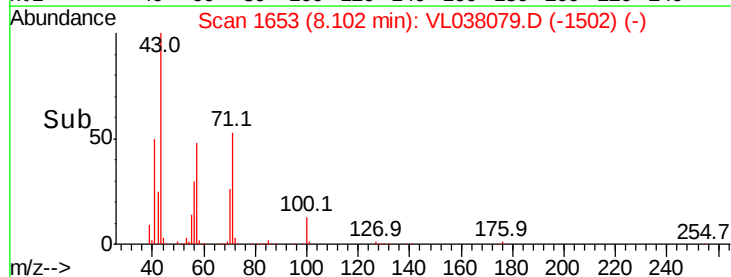
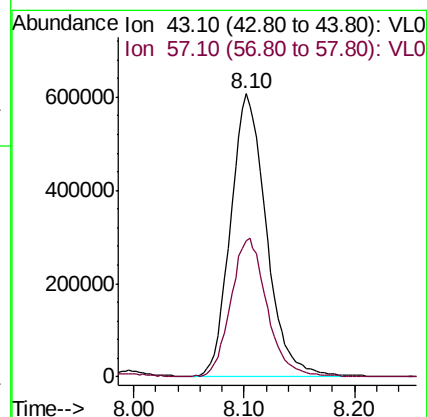
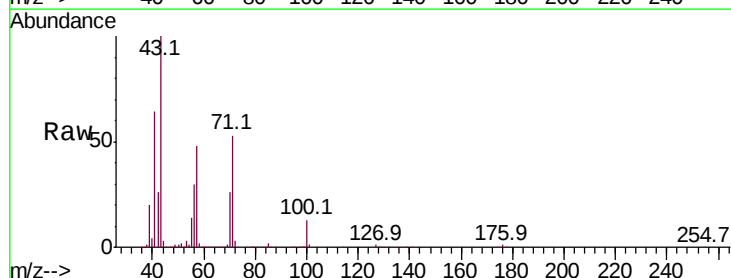
Acq: 19 Nov 2021 10:46

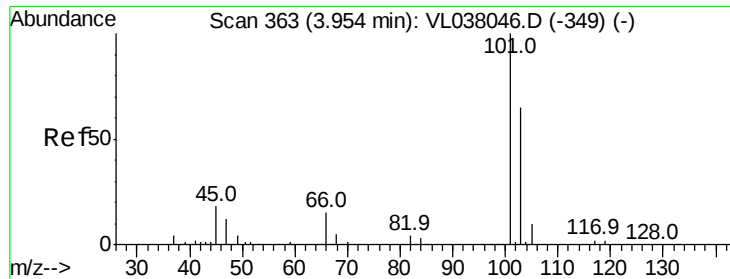
Tgt Ion: 43 Resp: 1347839

Ion Ratio Lower Upper

43 100

57 50.2 40.4 60.6



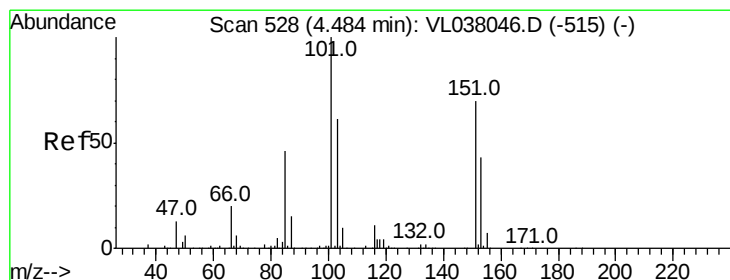
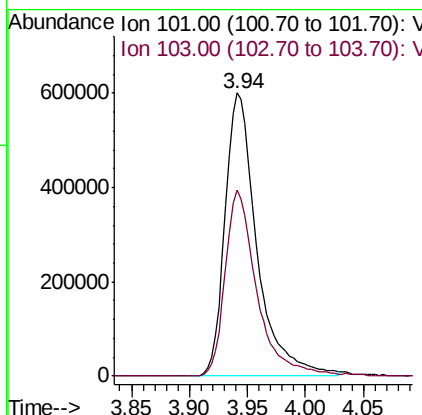
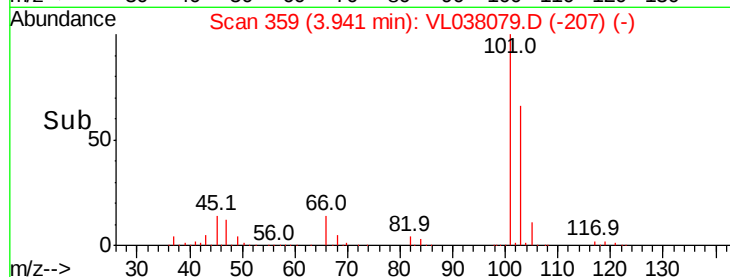
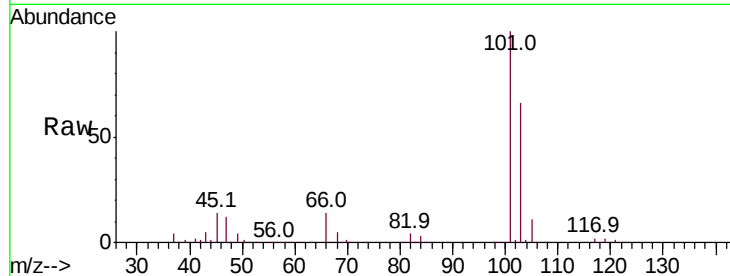


#11
 Trichlorofluoromethane
 Concen: 9.767 ppbv
 RT: 3.94
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:48

Tot Ion:1
 Ion Rati
 101 100
 103 65.

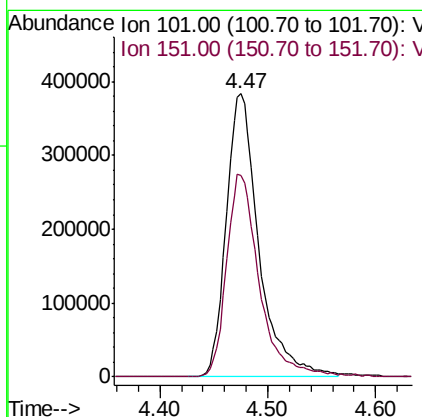
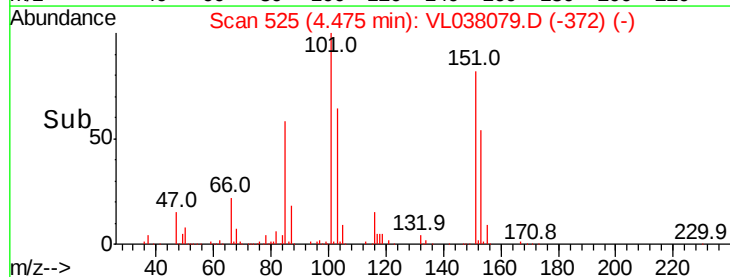
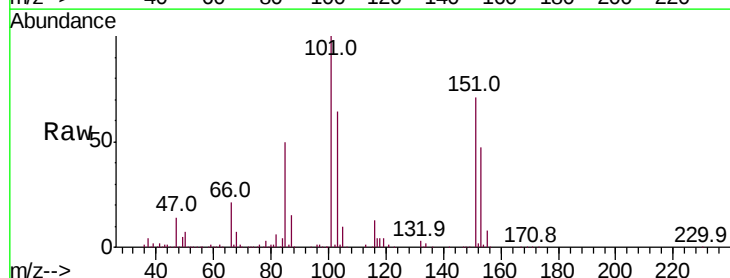
Manual Integrations
 APPROVED

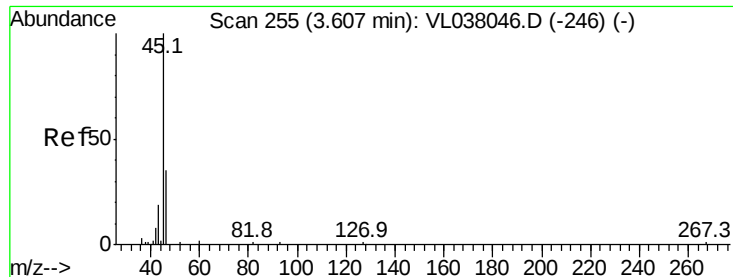
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.813 ppbv
 RT: 4.47 min Scan# 525
 Delta R.T. -0.01 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion:101 Resp: 810809
 Ion Ratio Lower Upper
 101 100
 151 72.5 59.0 88.4



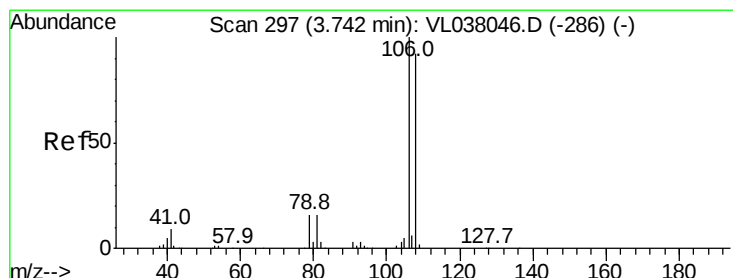
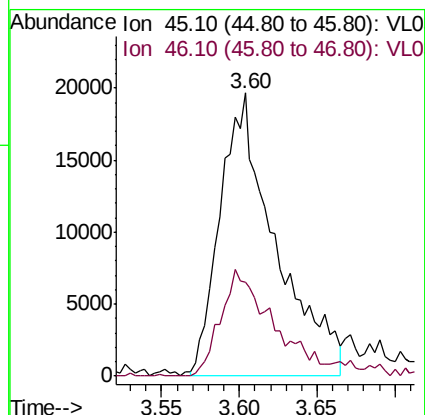
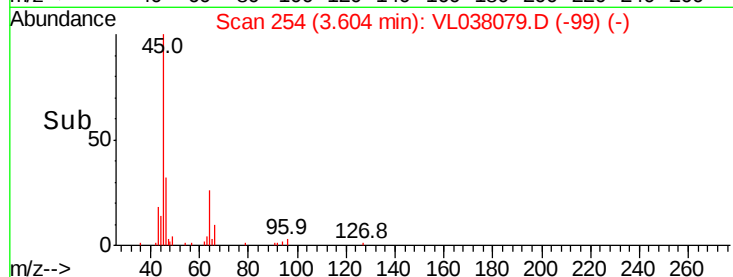
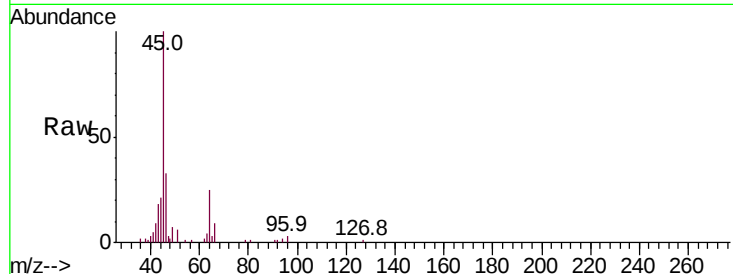


#13
Ethanol
Concen: 8.776 ppbv m
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48 VSTDCCC010

Tot Ion:
Ion Ratio
45 100
46 38.

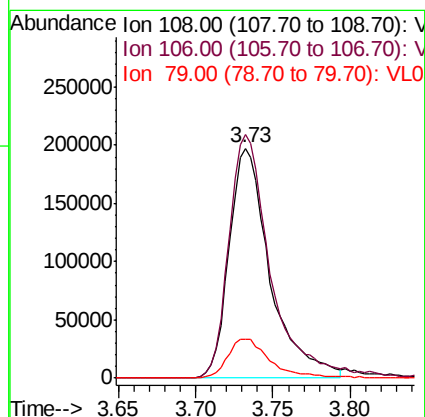
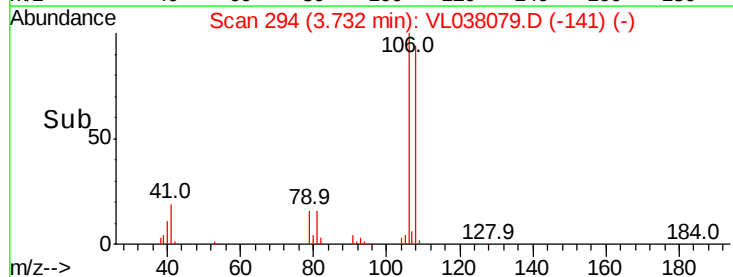
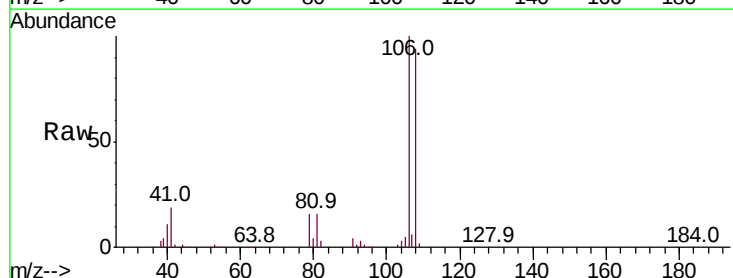
Manual Integrations
APPROVED

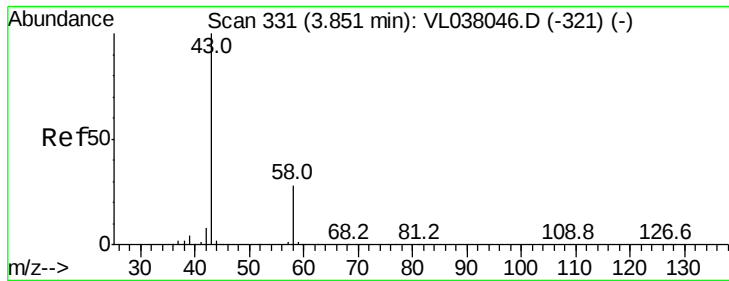
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#14
Bromoethene
Concen: 9.786 ppbv
RT: 3.73 min Scan# 294
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:108 Resp: 362075
Ion Ratio Lower Upper
108 100
106 109.9 89.4 134.0
79 18.0 14.1 21.1



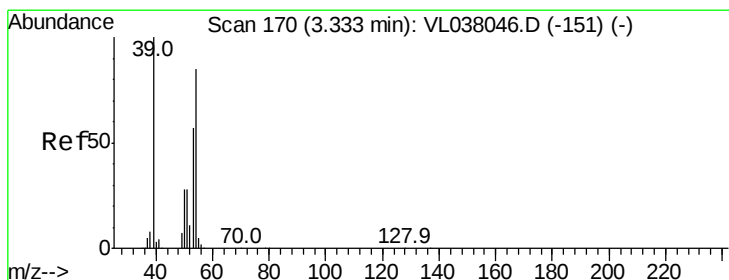
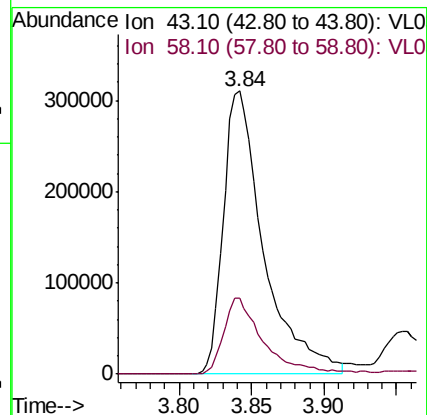
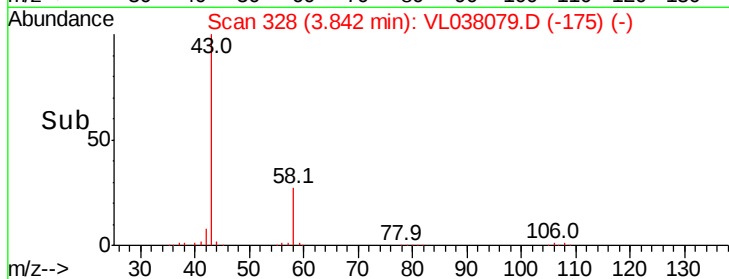
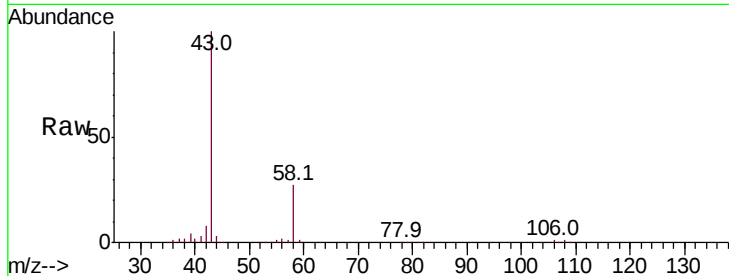


#15
Acetone
Concen: 9.304 ppbv
RT: 3.84
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48

Tot Ion:
Ion Ratio
43 100
58 26.

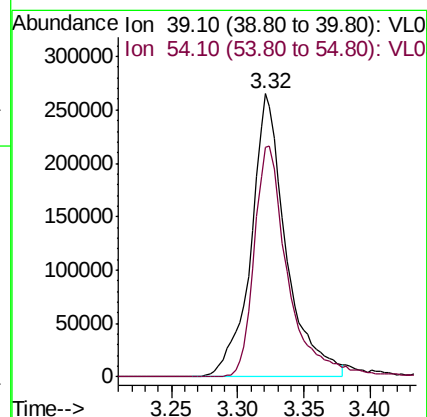
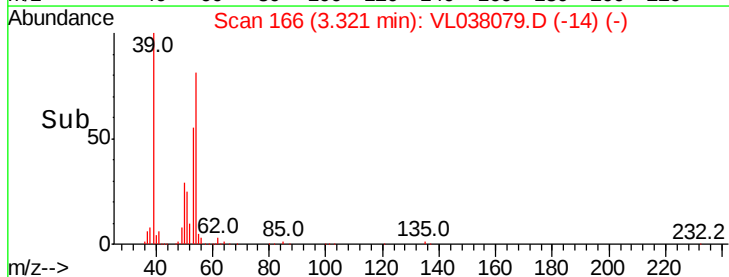
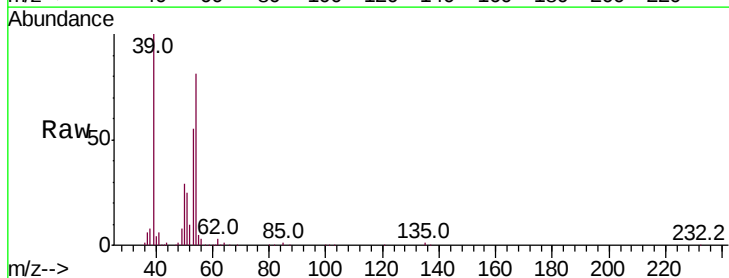
Manual Integrations
APPROVED

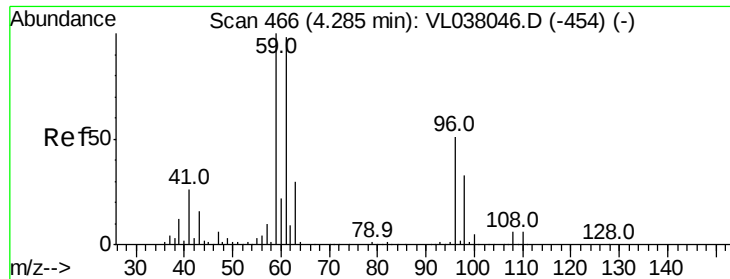
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#16
1,3-Butadiene
Concen: 9.697 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 39 Resp: 487697
Ion Ratio Lower Upper
39 100
54 80.1 64.4 96.6





#17

tert-Butyl alcohol

Concen: 8.750 ppbv

RT: 4.28

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:48

Tot Ion:

Ion Ratio

59 100

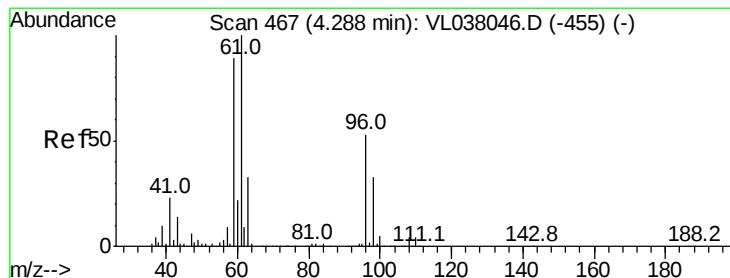
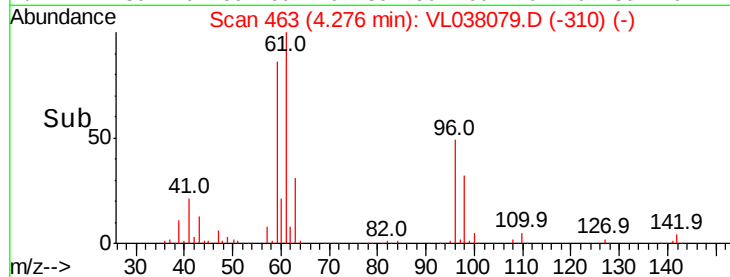
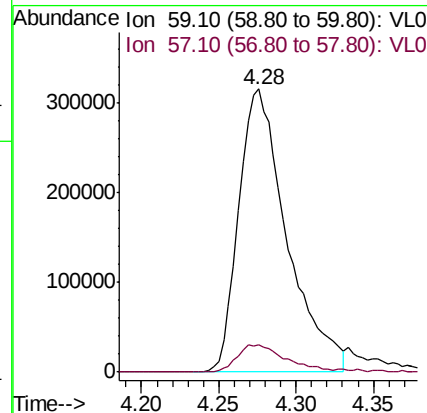
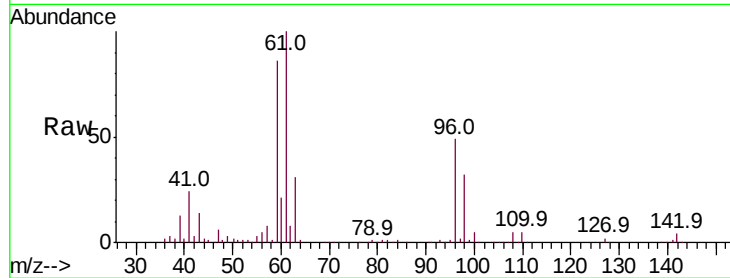
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#18

1,1-Dichloroethene

Concen: 9.548 ppbv

RT: 4.28 min Scan# 464

Delta R.T. -0.01 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

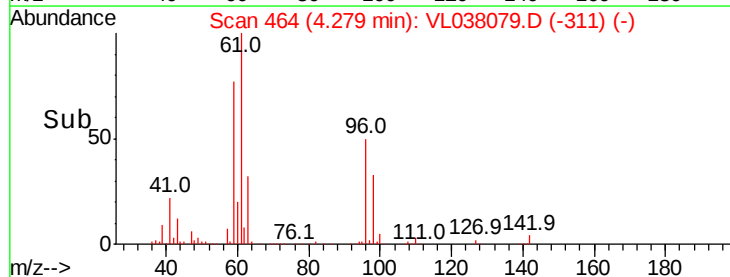
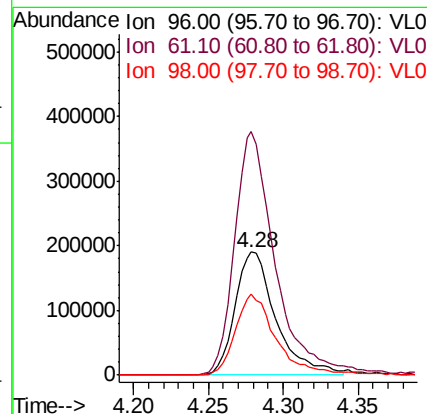
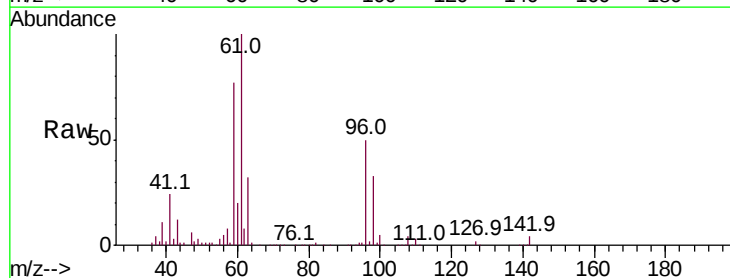
Tgt Ion: 96 Resp: 361900

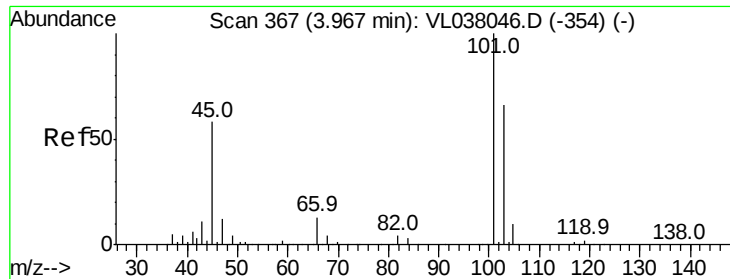
Ion Ratio Lower Upper

96 100

61 198.5 149.8 224.8

98 66.2 50.2 75.2





#19

Isopropyl Alcohol

Concen: 8.552 ppbv

RT: 3.95 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 19 Nov 2021 10:40

Tot Ion:

Ion Ratio

45 100

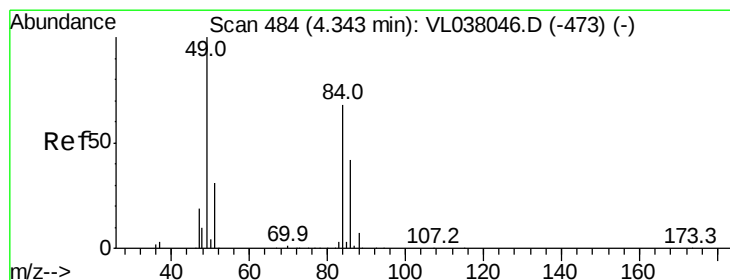
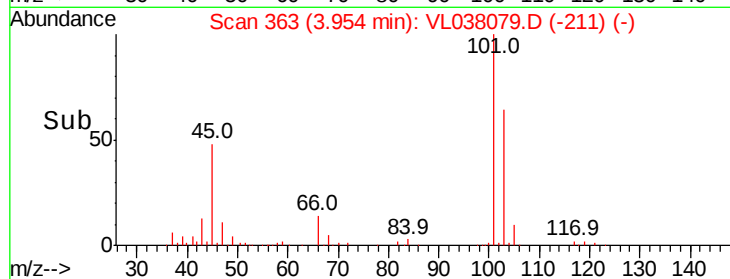
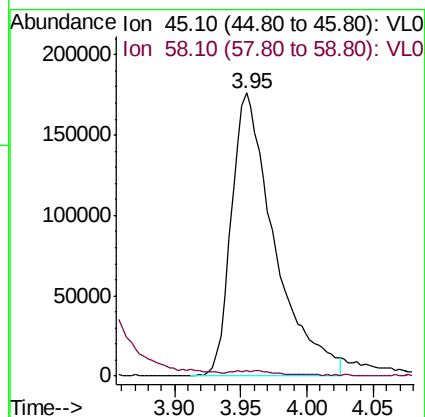
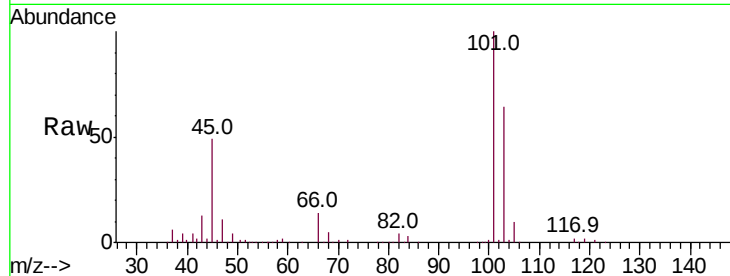
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#20

Methylene Chloride

Concen: 8.563 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

Tgt Ion: 84 Resp: 309168

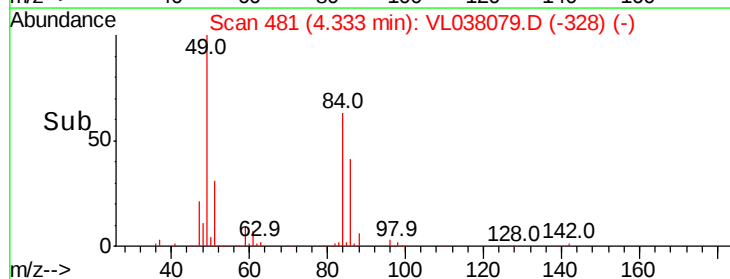
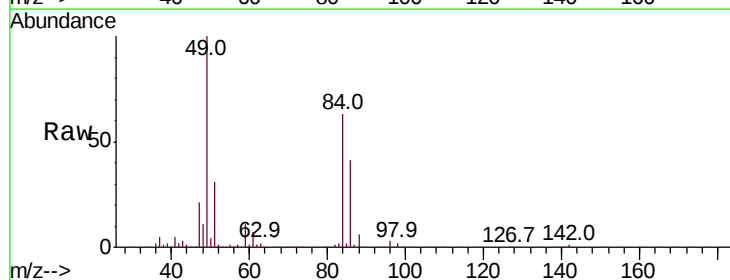
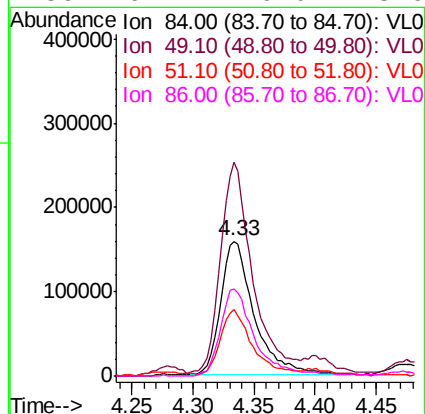
Ion Ratio Lower Upper

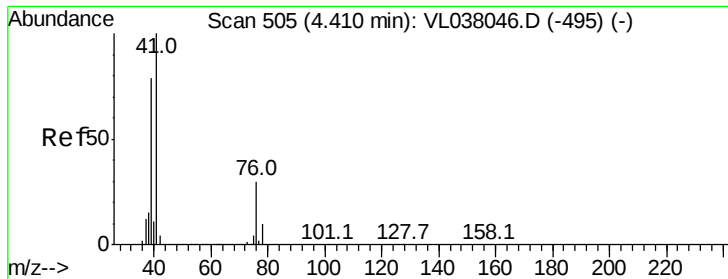
84 100

49 156.5 118.2 177.2

51 48.4 36.8 55.2

86 64.4 49.0 73.6



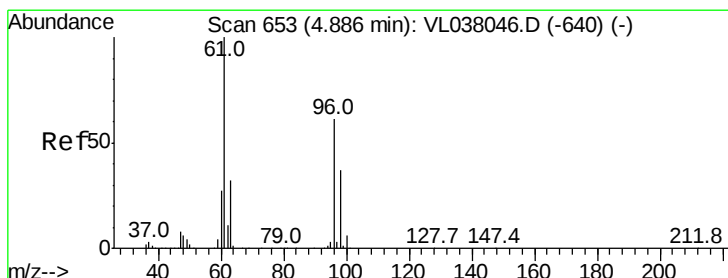
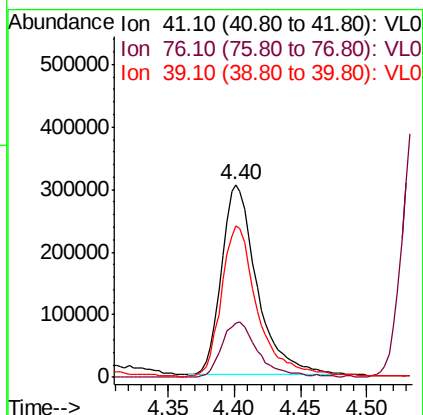
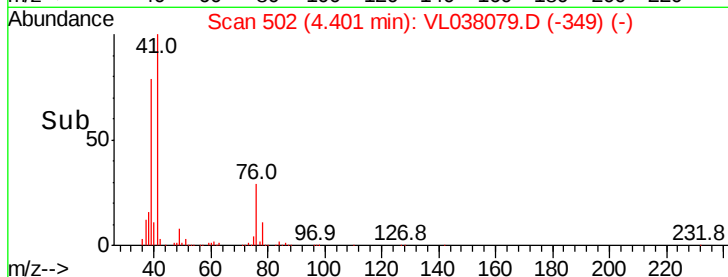
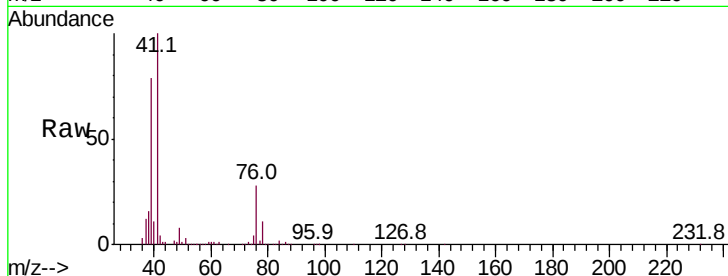


#21
 Allvl Chloride
 Concen: 9.495 ppbv
 RT: 4.40
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

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

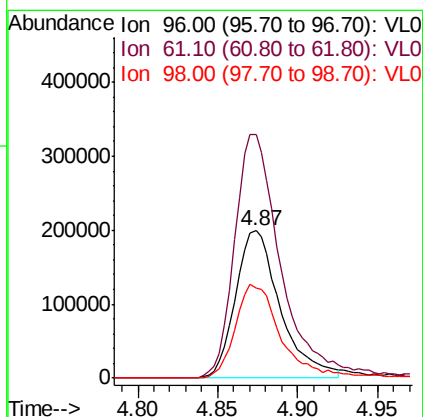
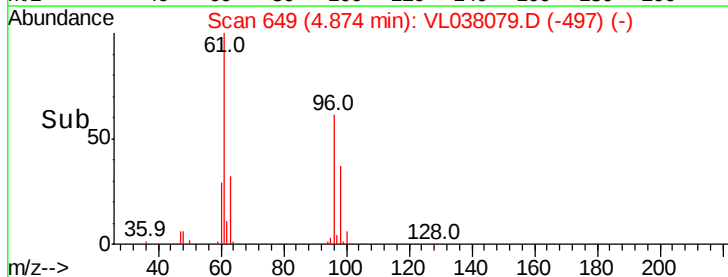
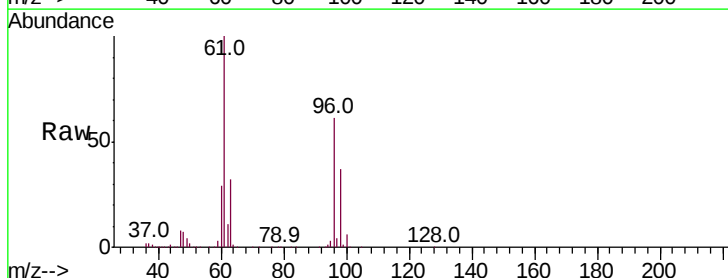
Manual Integrations
 APPROVED

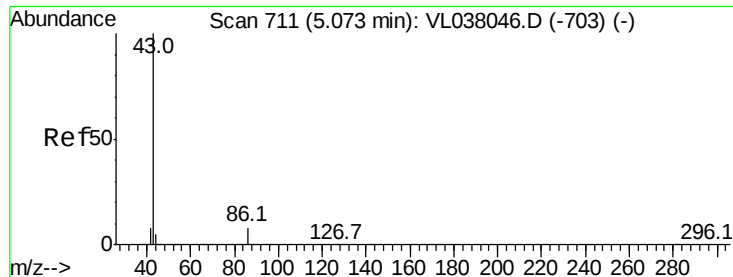
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.938 ppbv
 RT: 4.87 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion: 96 Resp: 381542
 Ion Ratio Lower Upper
 96 100
 61 165.0 131.6 197.4
 98 61.4 48.4 72.6





#23

Vinyl Acetate

Concen: 10.164 ppbv

RT: 5.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:40

Tot Ion: Manual Integrations

Ion Ratio APPROVED

43 100

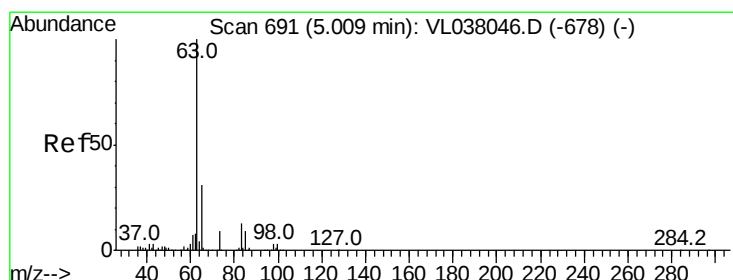
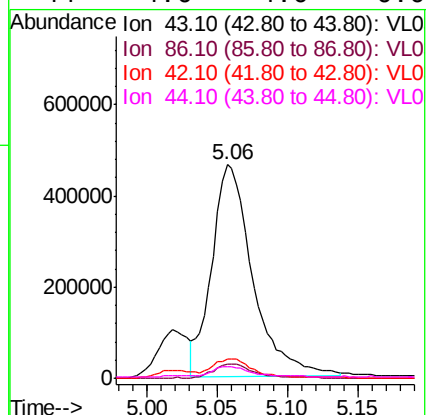
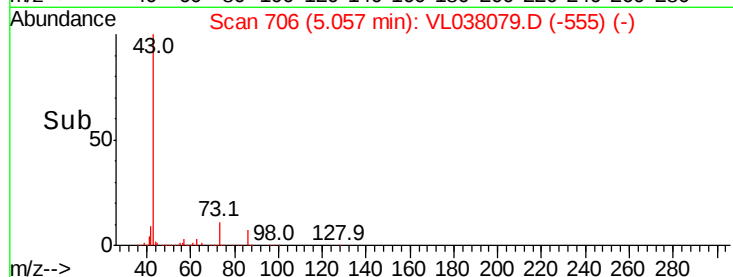
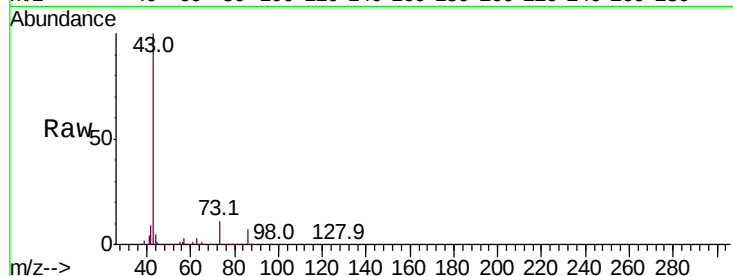
86 6.

42 8.

44 4.6 4.0 6.0

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#24

1,1-Dichloroethane

Concen: 9.860 ppbv

RT: 5.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

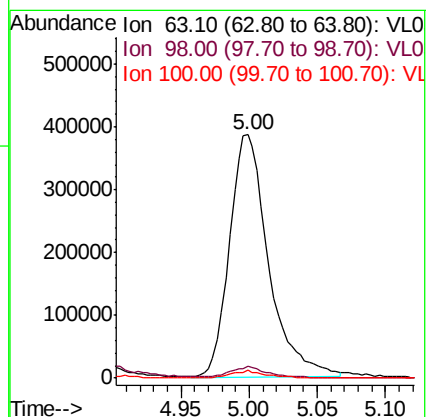
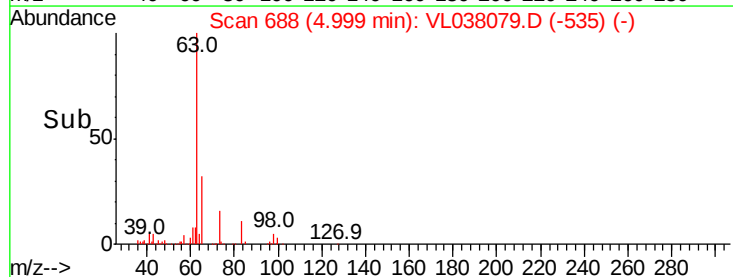
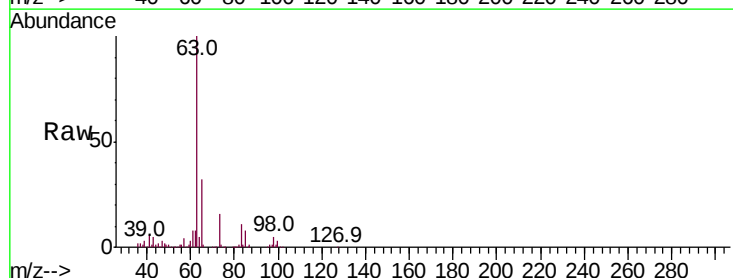
Tgt Ion: 63 Resp: 766178

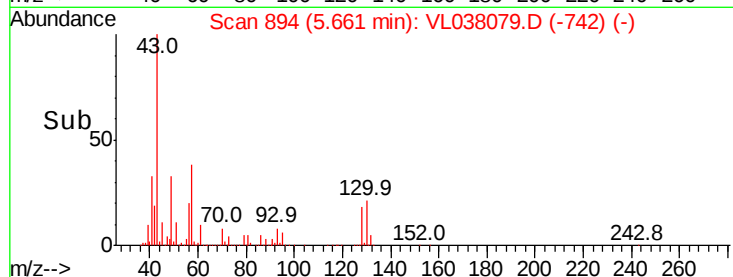
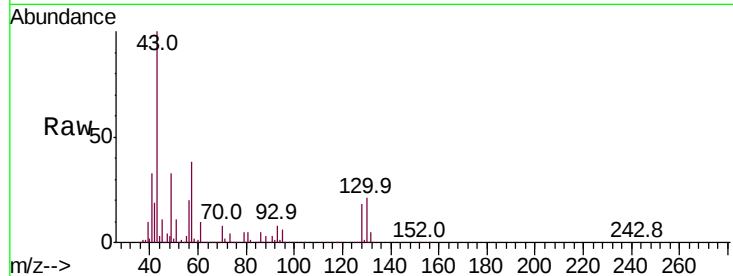
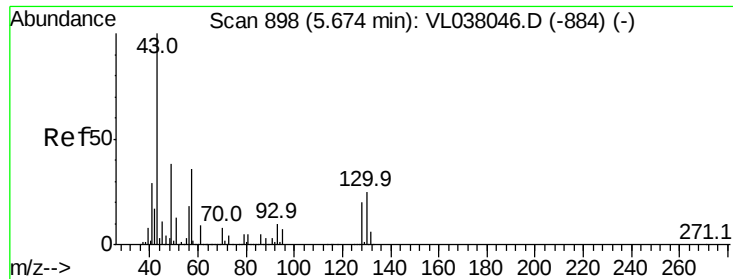
Ion Ratio Lower Upper

63 100

98 4.5 1.8 5.4

100 3.1 1.4 4.0



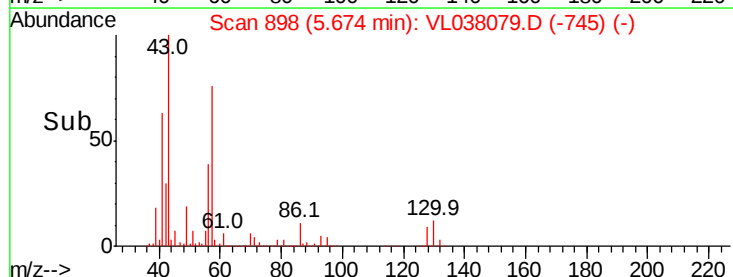
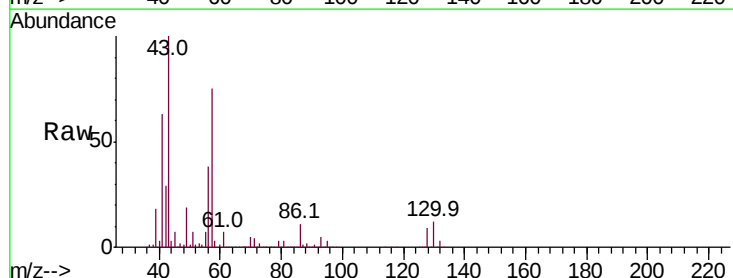
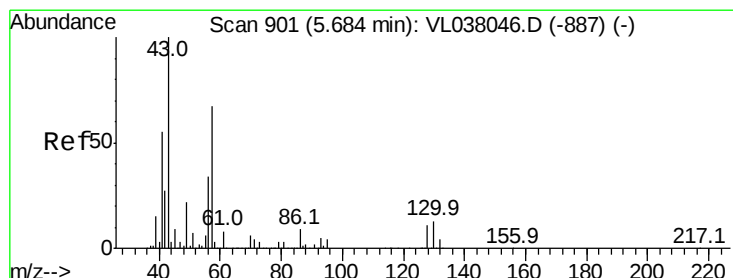
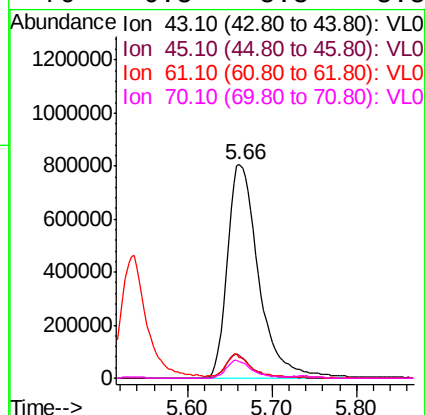


#25
Ethyl Acetate
Concen: 9.645 ppbv
RT: 5.66
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Nov 2021 10:40
VSTDCCC010

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.8 5.8 8.8

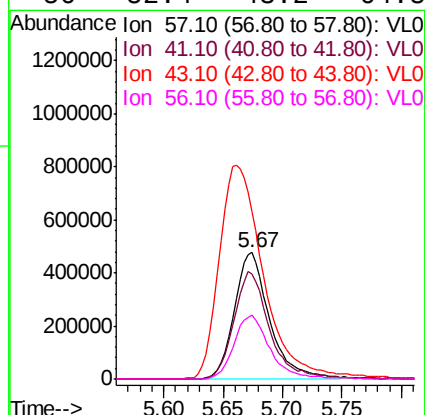
Manual Integrations
APPROVED

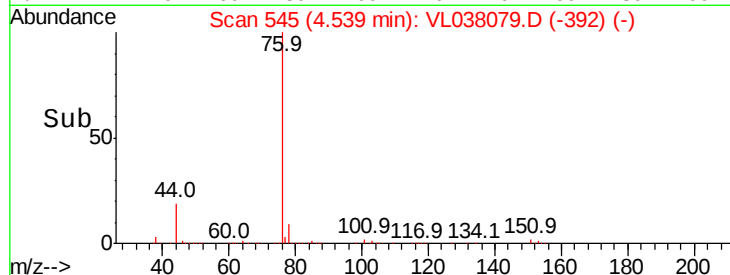
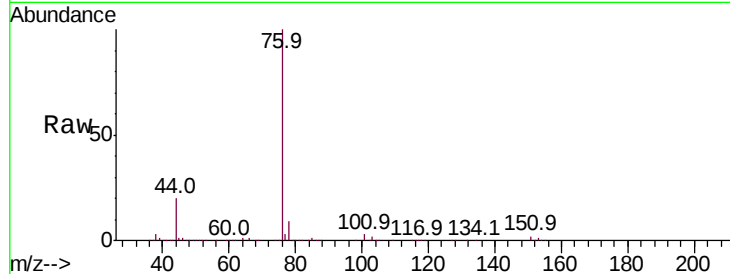
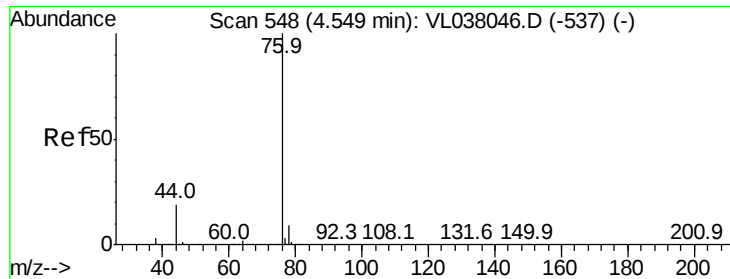
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#26
Hexane
Concen: 9.429 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 57 Resp: 973723
Ion Ratio Lower Upper
57 100
41 86.7 71.4 107.2
43 214.0 174.6 261.8
56 52.4 43.2 64.8



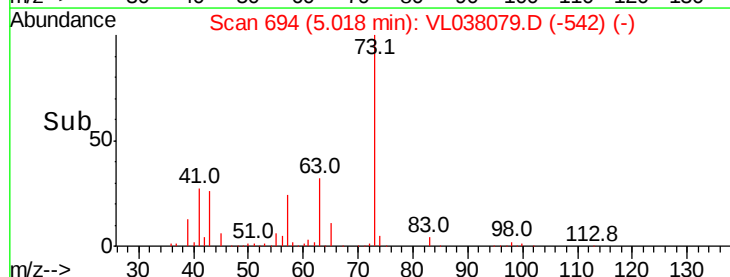
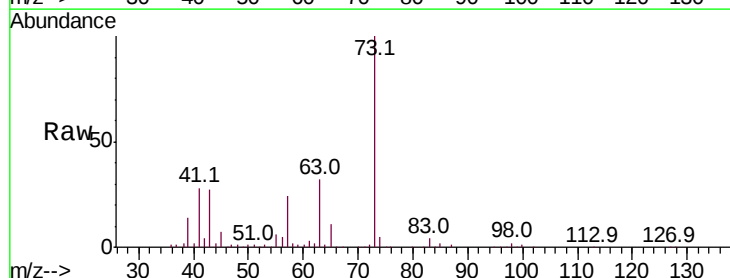
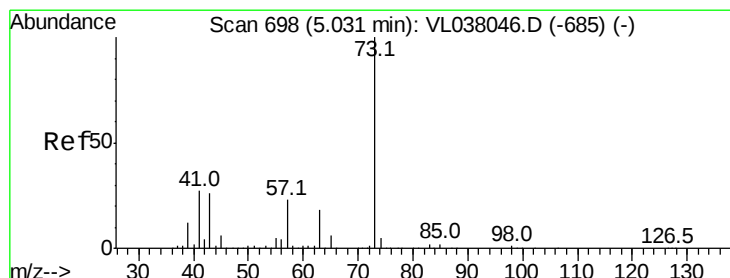
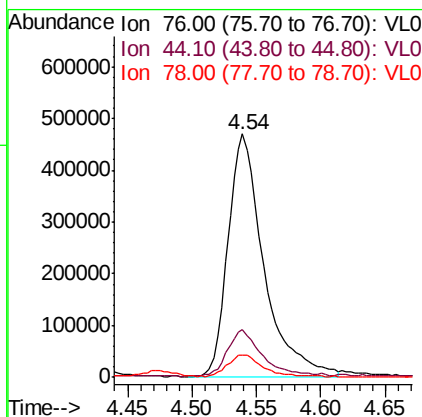


#27
Carbon Disulfide
Concen: 9.778 ppbv
RT: 4.54
Delta R.T. MSVOA_1
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48

Tot Ion:
Ion Ratio
76 100
44 19.
78 9.

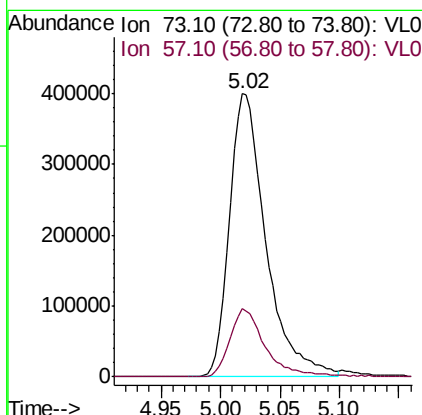
Manual Integrations
APPROVED

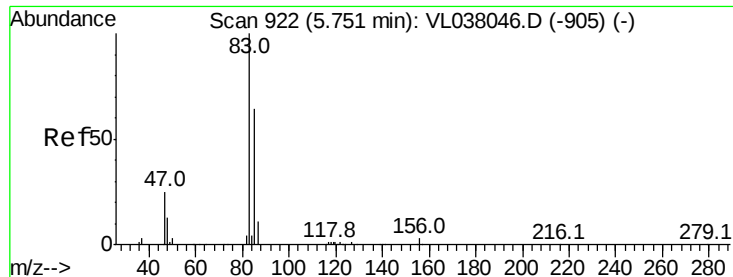
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#28
Methyl tert-Butyl Ether
Concen: 9.692 ppbv
RT: 5.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 73 Resp: 850203
Ion Ratio Lower Upper
73 100
57 23.9 19.0 28.4



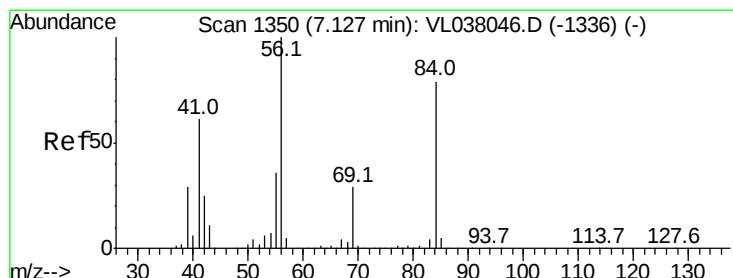
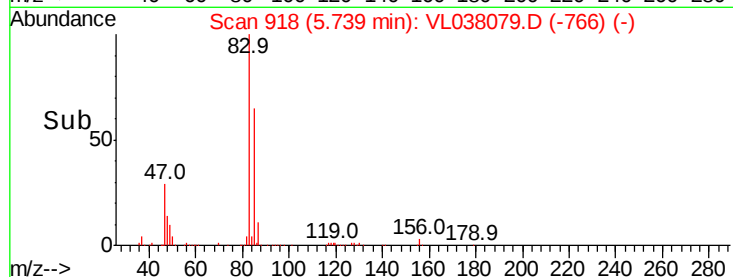
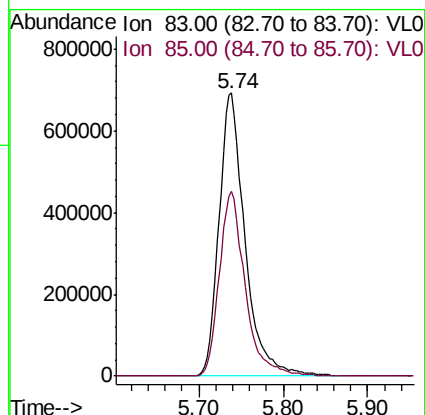
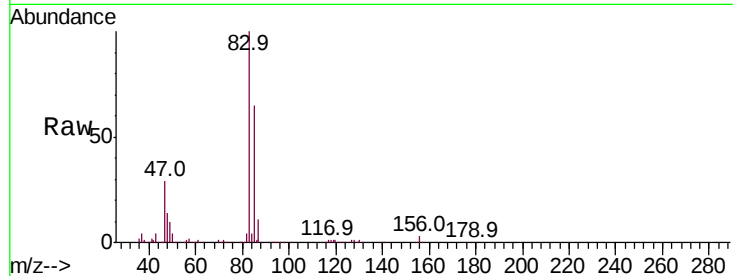


#29
Chloroform
Concen: 9.741 ppbv
RT: 5.74
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48

Tot Ion:
Ion Ratio
83 100
85 65.

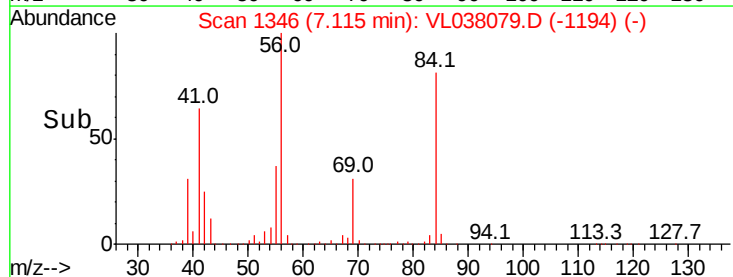
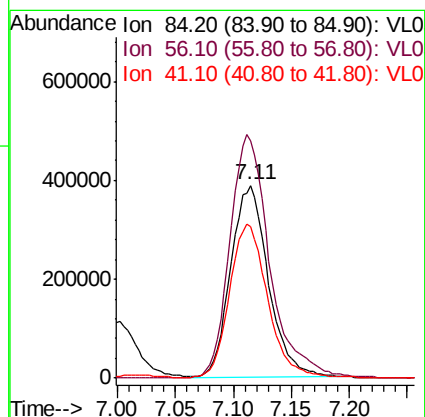
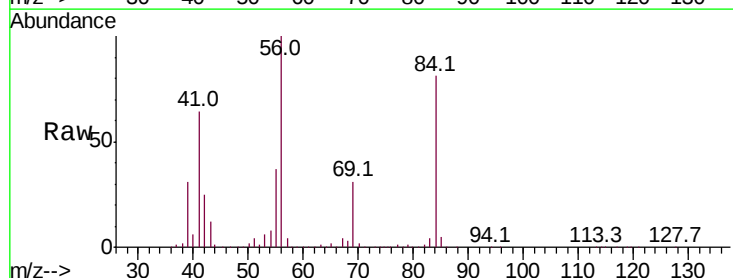
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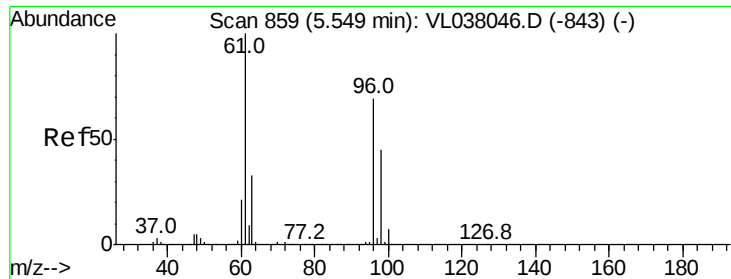
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#30
Cyclohexane
Concen: 9.287 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 84 Resp: 870668
Ion Ratio Lower Upper
84 100
56 135.4 108.1 162.1
41 81.9 64.4 96.6





#31

cis-1,2-Dichloroethene

Concen: 9.819 ppbv

RT: 5.54 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDCCC010

Acq: 19 Nov 2021 10:48

Tot Ion:

Ion Ratio

61 100

96 66.

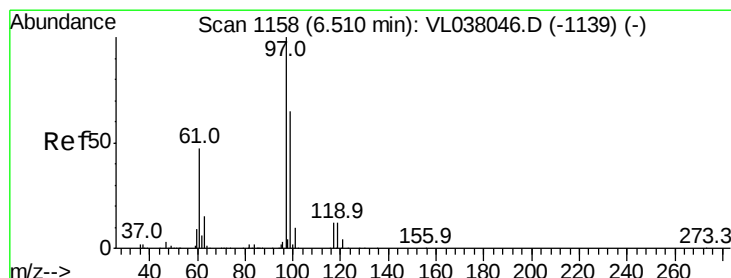
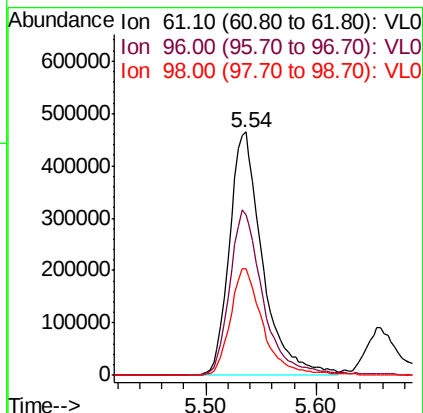
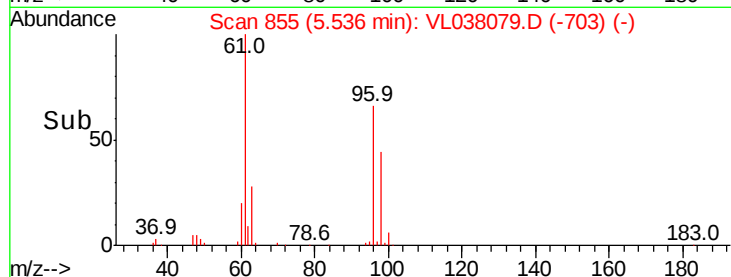
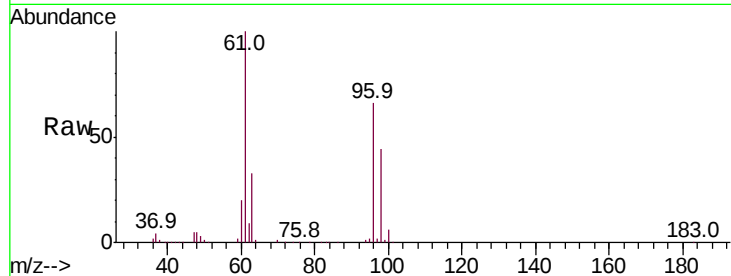
98 43.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#32

1,1,1-Trichloroethane

Concen: 9.632 ppbv

RT: 6.49 min Scan# 1153

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

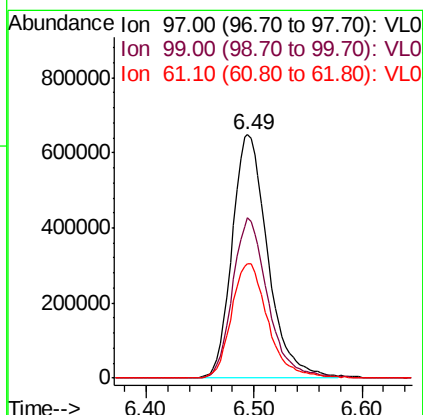
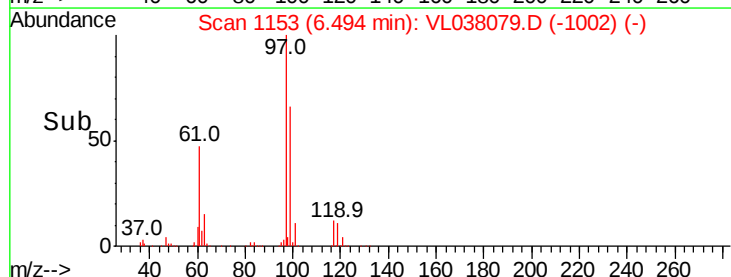
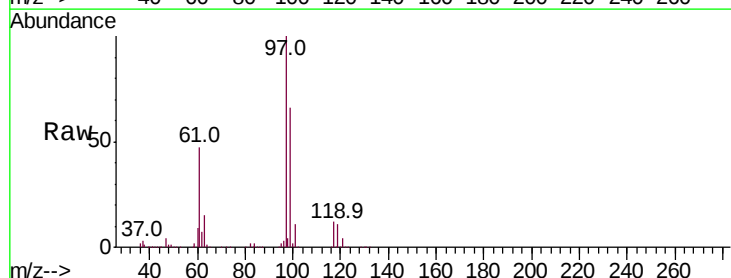
Tgt Ion: 97 Resp: 1487698

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.4

61 48.2 37.7 56.5



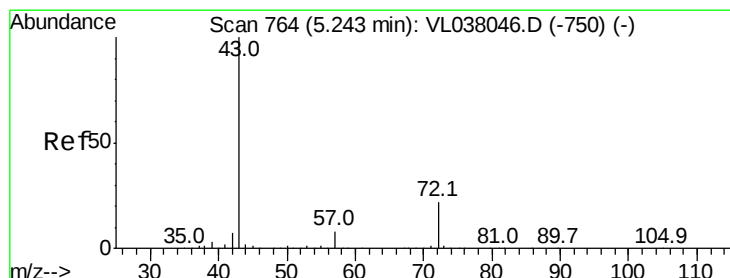
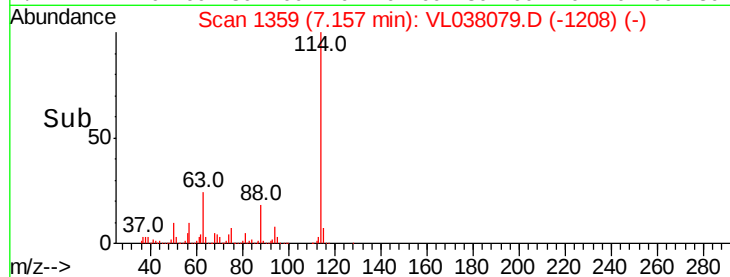
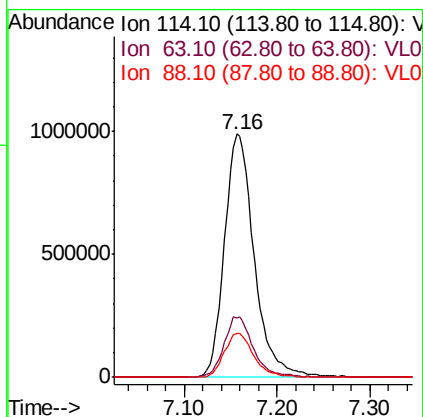
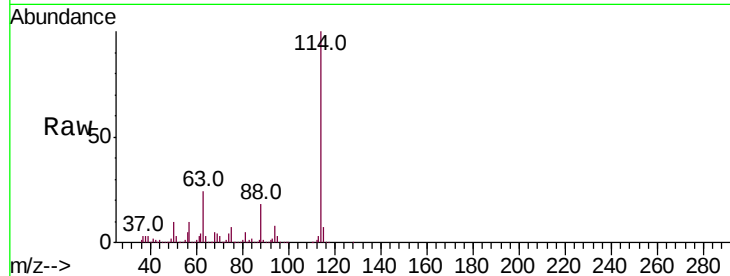


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:48

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

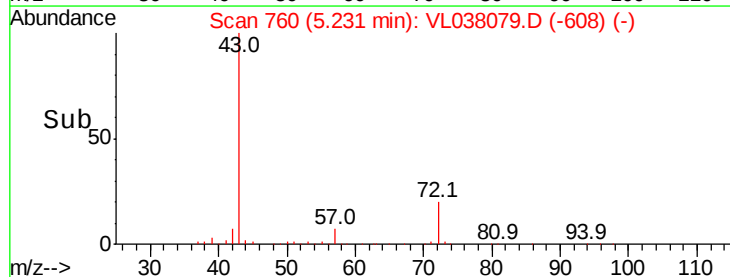
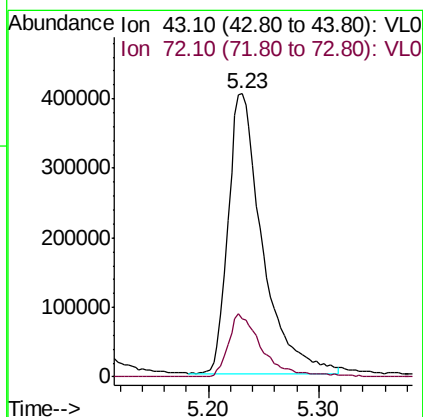
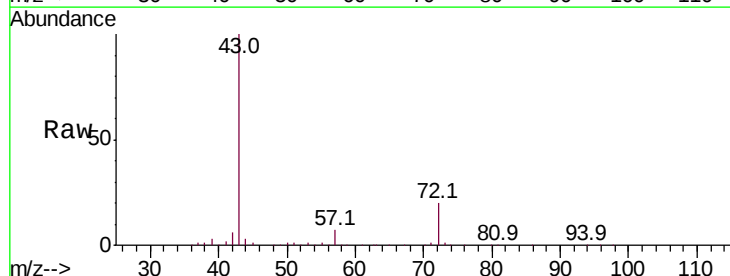
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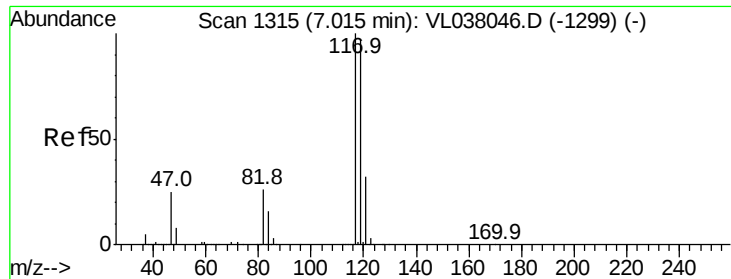
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#34
 2-Butanone
 Concen: 9.819 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion: 43 Resp: 870773
 Ion Ratio Lower Upper
 43 100
 72 22.6 18.8 28.2



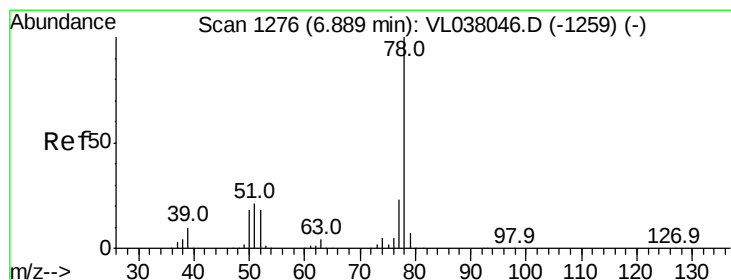
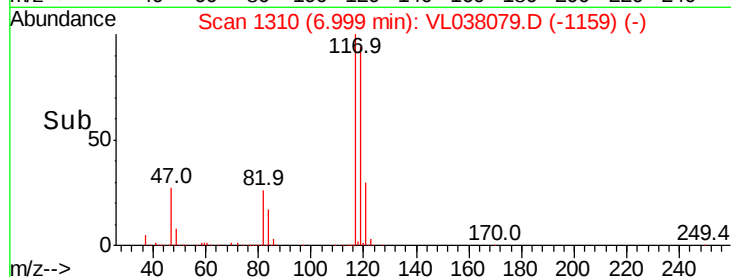
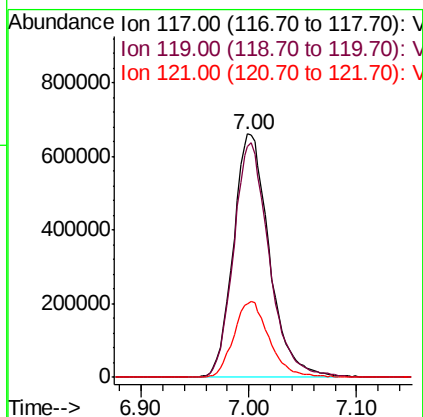
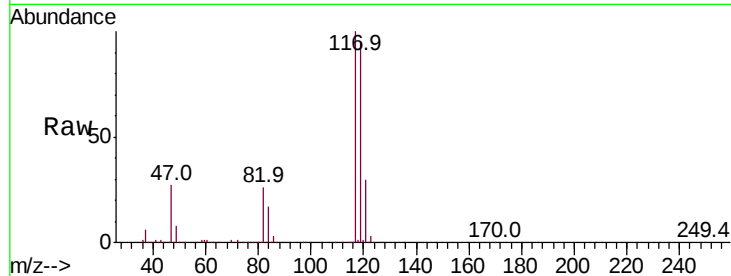


#35
Carbon Tetrachloride
Concen: 9.931 ppbv
RT: 7.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 19 Nov 2021 10:40

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

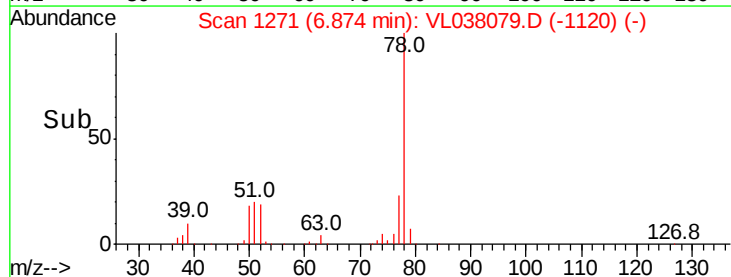
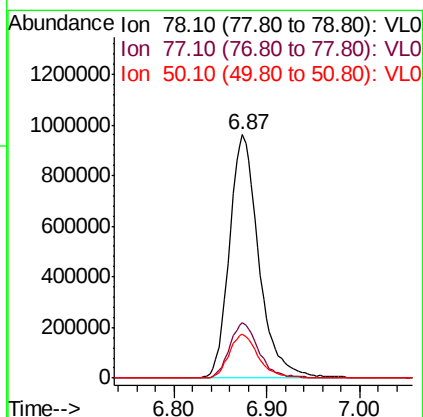
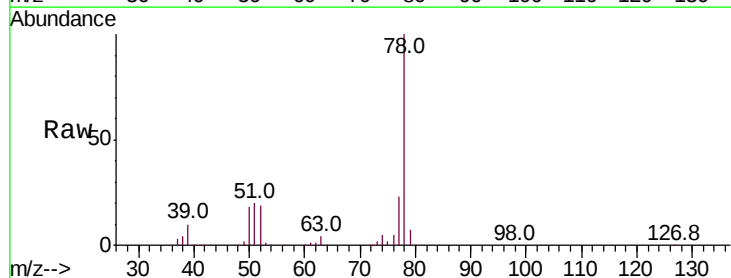
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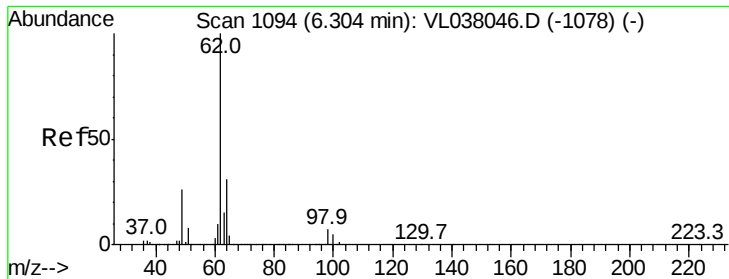
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#36
Benzene
Concen: 9.617 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 78 Resp: 2109915
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.4
50 18.1 14.7 22.1



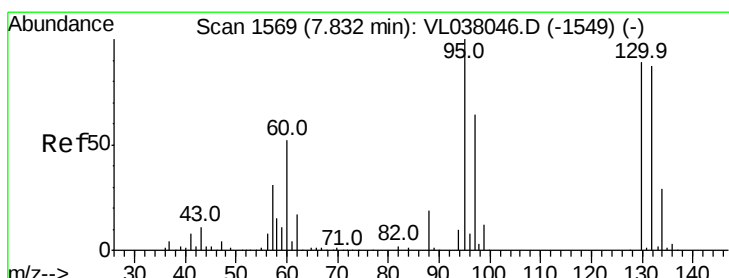
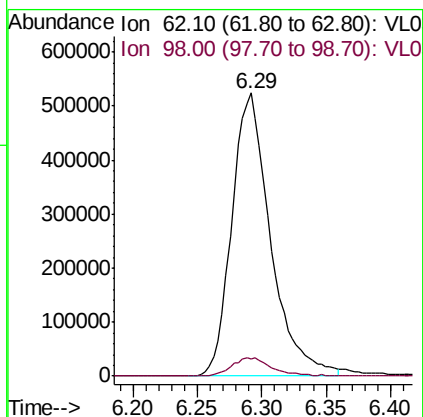
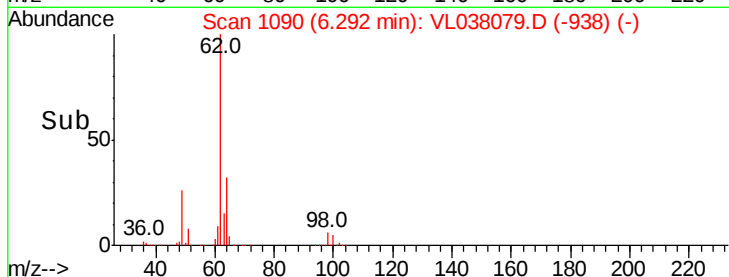
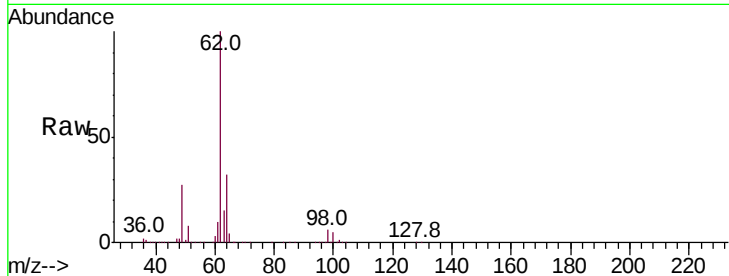


#37
 1,2-Dichloroethane
 Concen: 10.348 ppbv
 RT: 6.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

Tot Ion:
 Ion Ratio
 62 100
 98 7.

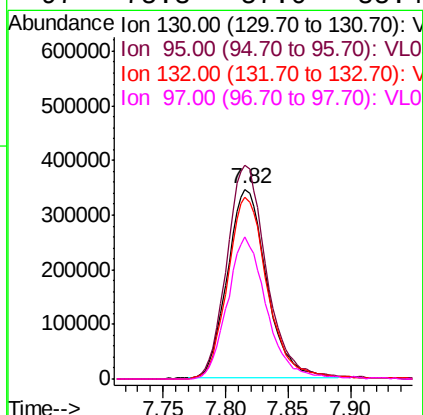
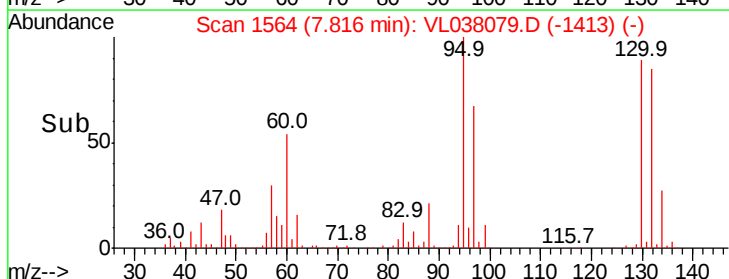
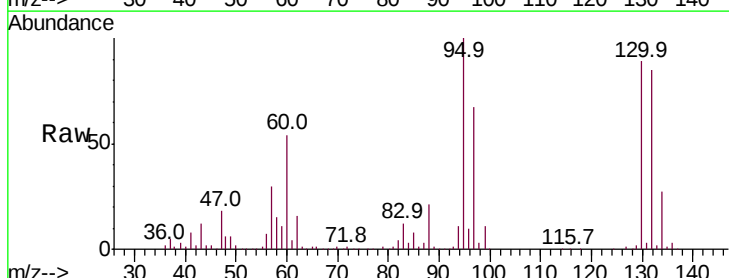
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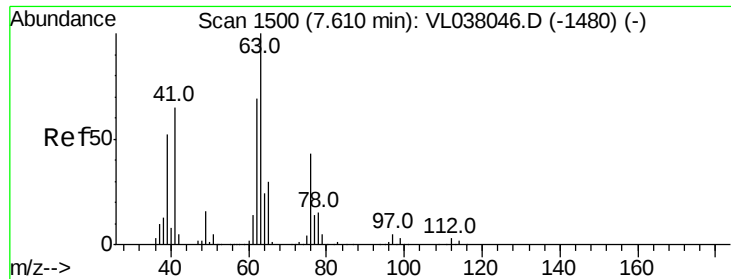
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 9.079 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion:130 Resp: 751398
 Ion Ratio Lower Upper
 130 100
 95 112.9 89.4 134.2
 132 95.9 78.2 117.2
 97 75.3 57.0 85.4



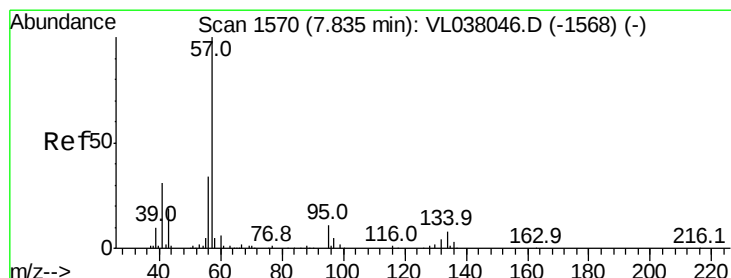
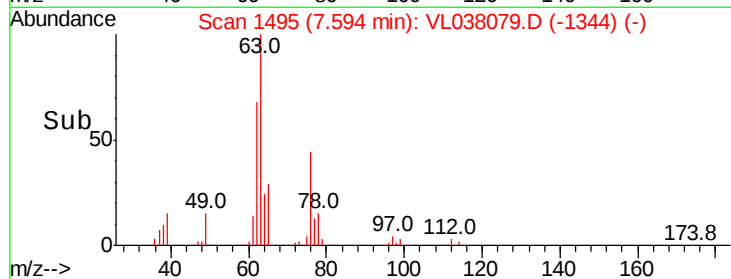
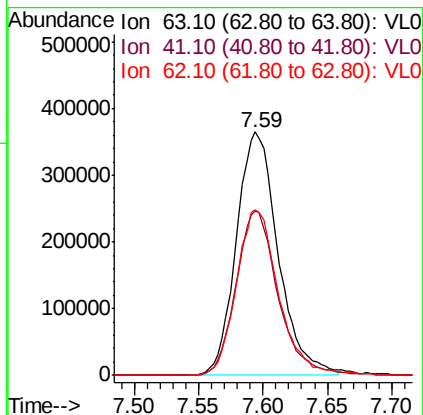
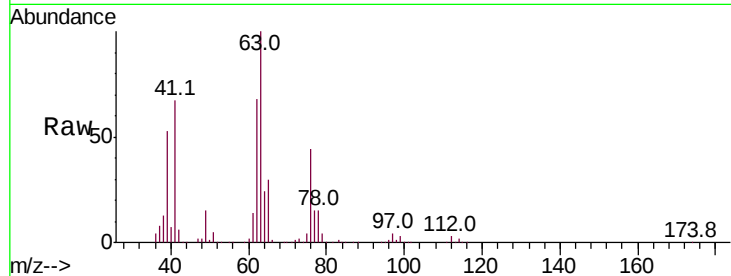


#39
 1,2-Dichloropropane
 Concen: 9.758 ppbv
 RT: 7.59
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

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

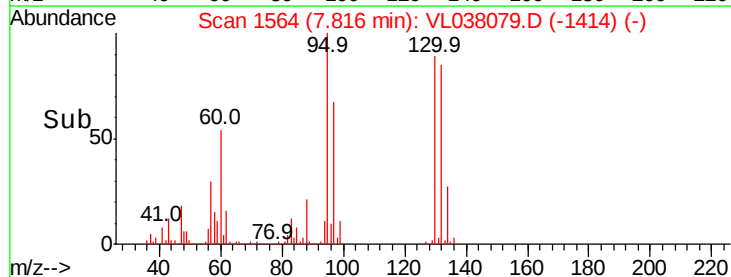
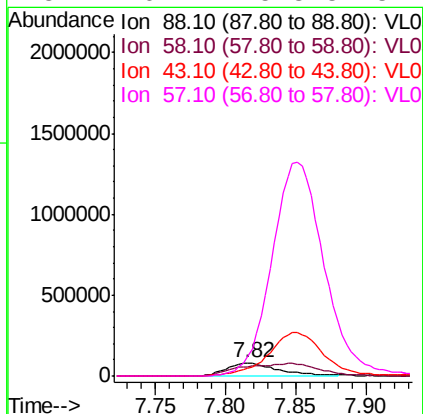
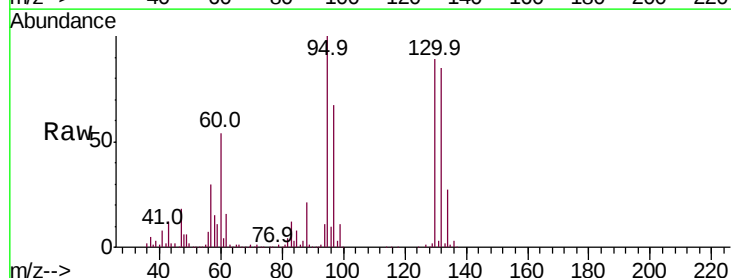
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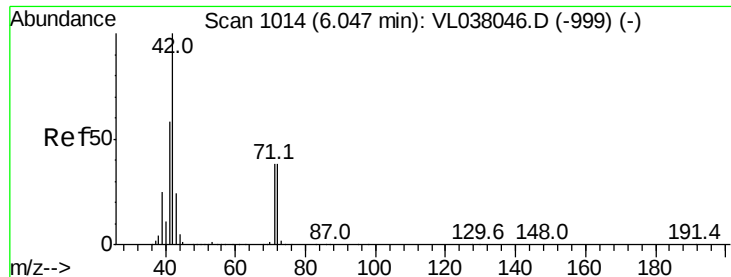
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#40
 1,4-Dioxane
 Concen: 8.914 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.02 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion: 88 Resp: 195452
 Ion Ratio Lower Upper
 88 100
 58 159.5 229.2 343.8#
 43 383.1 553.3 829.9#
 57 1761.1 2513.8 3770.8#



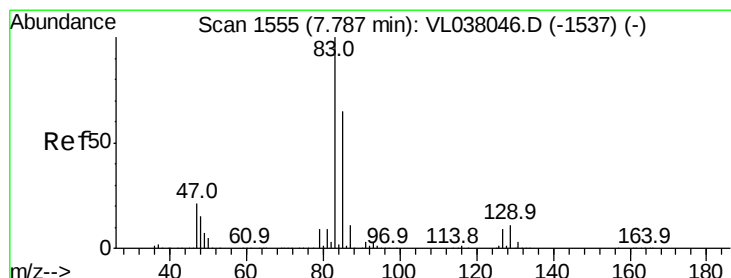
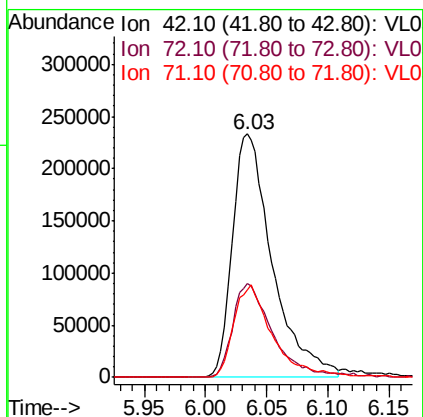
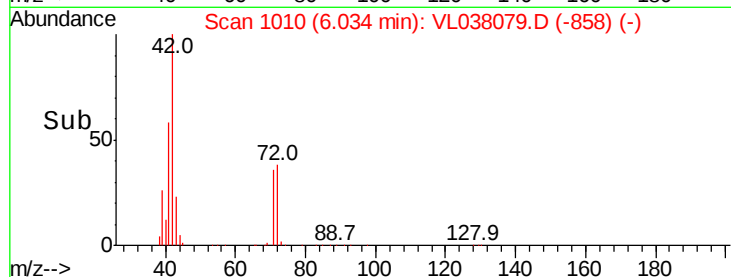
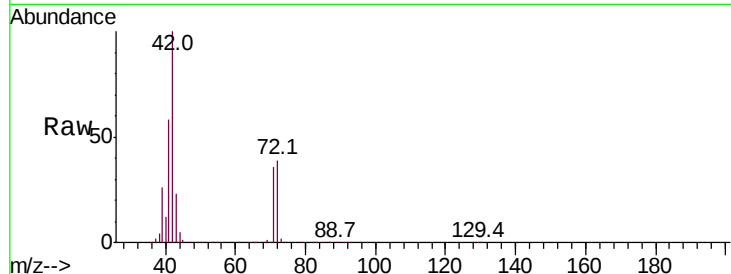


#41
Tetrahydrofuran
Concen: 9.648 ppbv
RT: 6.03
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 19 Nov 2021 10:48

Tot Ion:
Ion Ratio
42 100
72 39.
71 37.

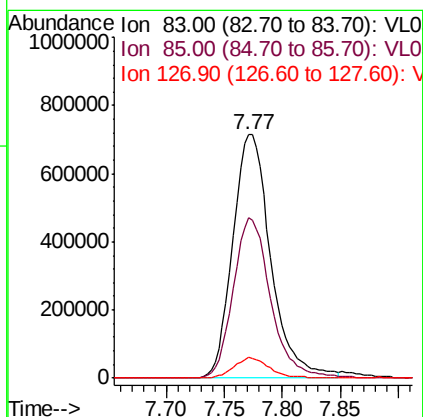
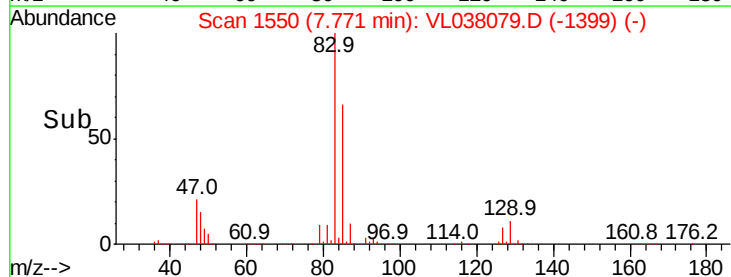
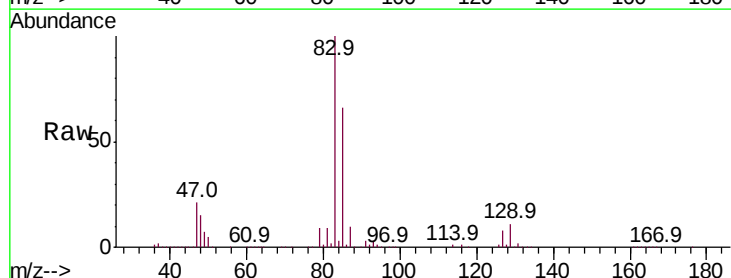
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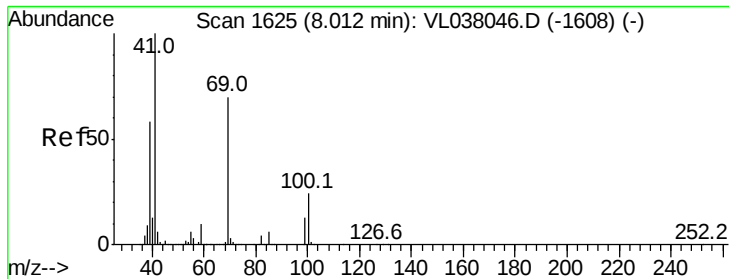
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#42
Bromodichloromethane
Concen: 10.118 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 83 Resp: 1629953
Ion Ratio Lower Upper
83 100
85 66.0 51.9 77.9
127 8.4 6.8 10.2





#43

Methyl Methacrylate

Concen: 10.417 ppbv

RT: 8.00

Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 19 Nov 2021 10:40

Tot Ion:

Ion Ratio

69 100

41 147.

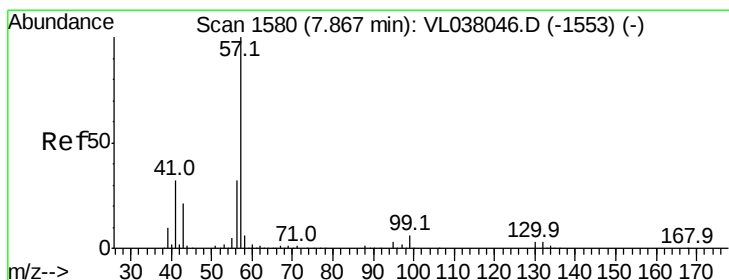
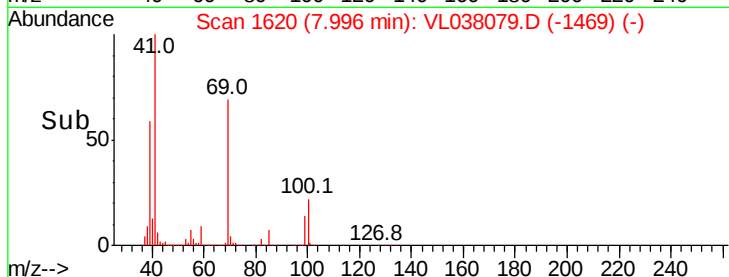
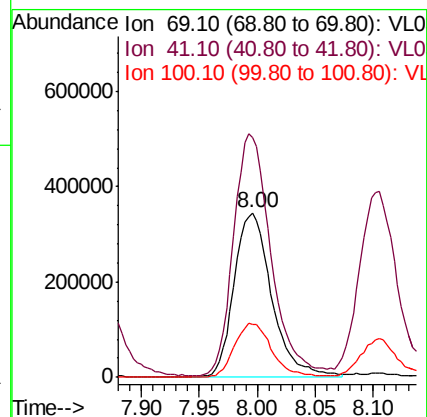
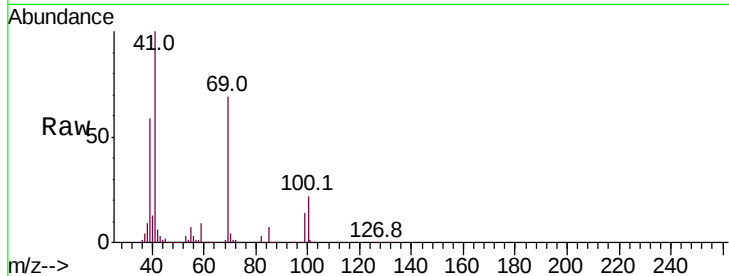
100 32.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#44

2,2,4-Trimethylpentane

Concen: 9.349 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

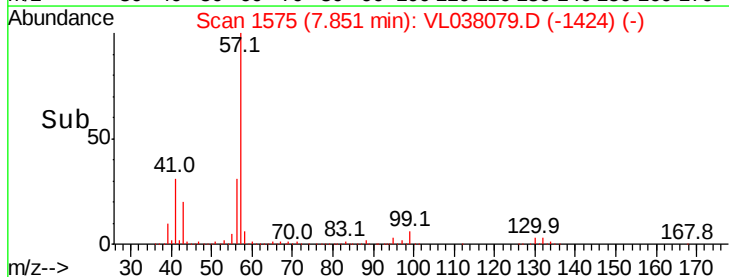
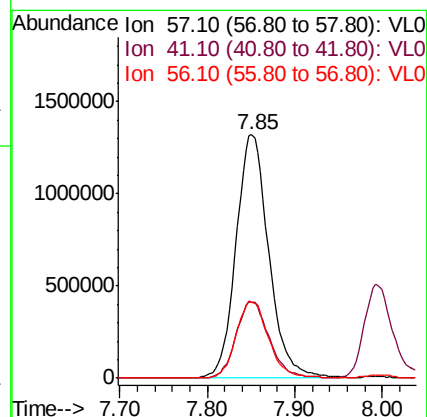
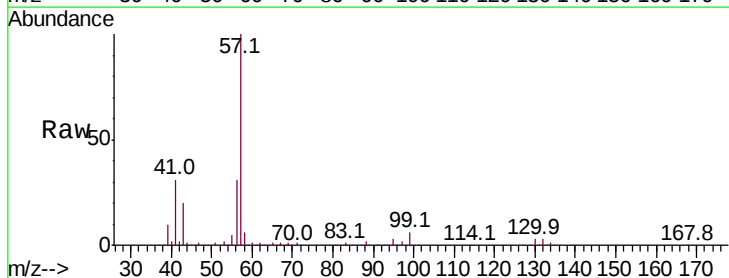
Tgt Ion: 57 Resp: 3431893

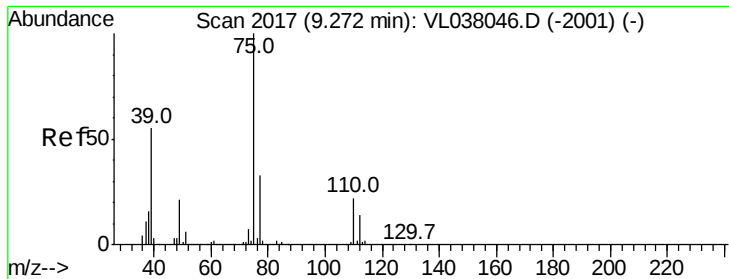
Ion Ratio Lower Upper

57 100

41 31.9 25.8 38.6

56 31.3 25.6 38.4





#45

t-1,3-Dichloropropene

Concen: 10.973 ppbv

RT: 9.26 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:48 VSTDCCC010

Tot Ion:

Ion Ratio

75 100

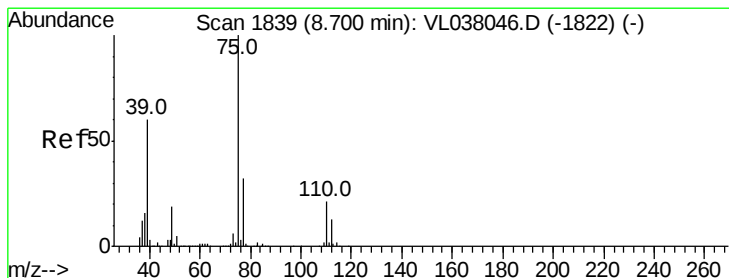
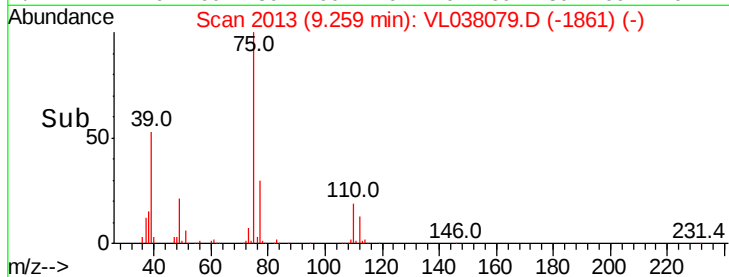
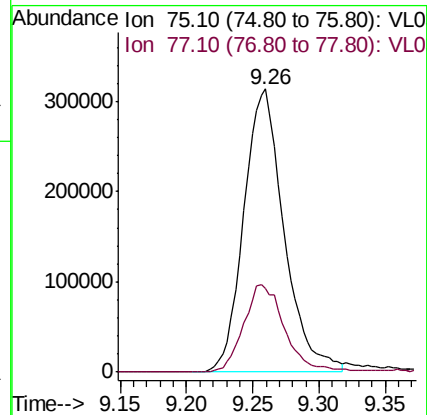
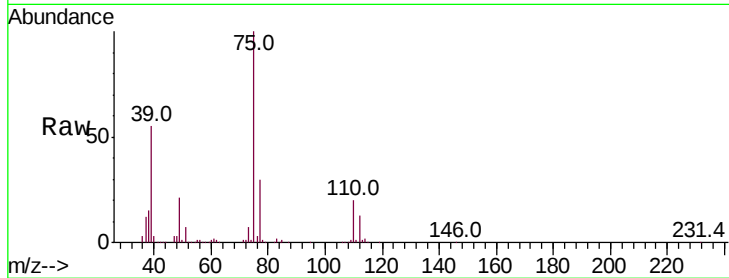
77 29.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#46

cis-1,3-Dichloropropene

Concen: 10.518 ppbv

RT: 8.68 min Scan# 1833

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

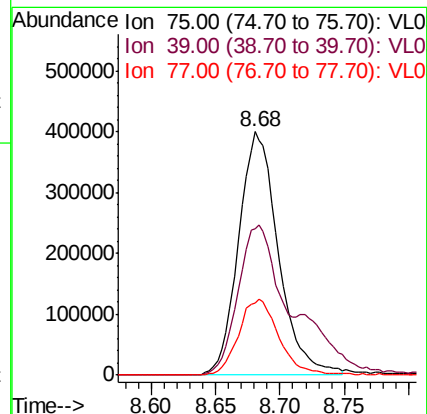
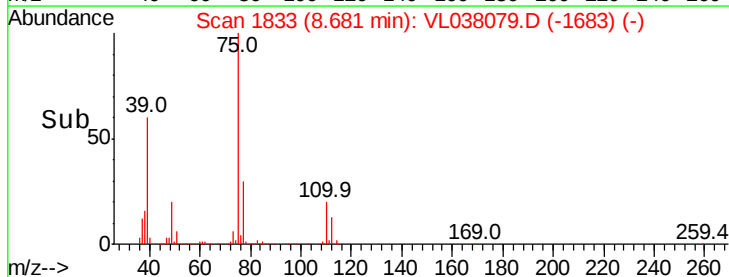
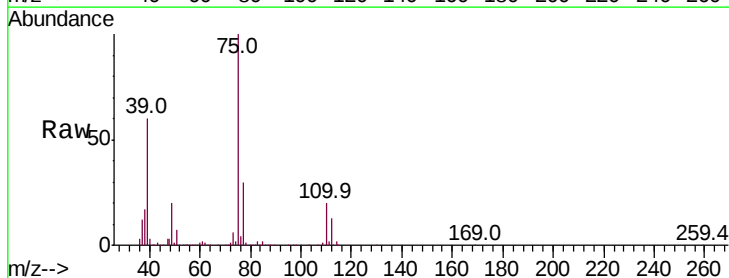
Tgt Ion: 75 Resp: 856545

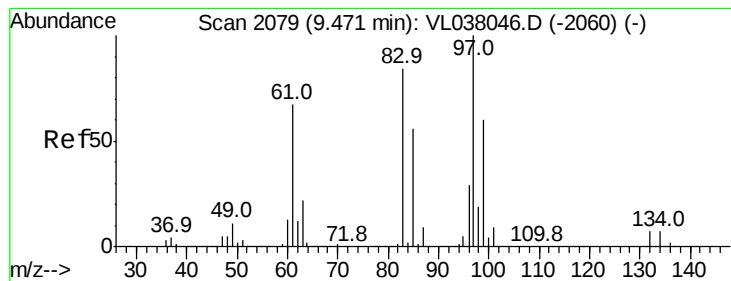
Ion Ratio Lower Upper

75 100

39 60.1 47.8 71.8

77 29.5 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.580 ppbv

RT: 9.45 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:40 VSTDCCC010

Tot Ion:

Ion Ratio

97 100

83 92.

85 57.

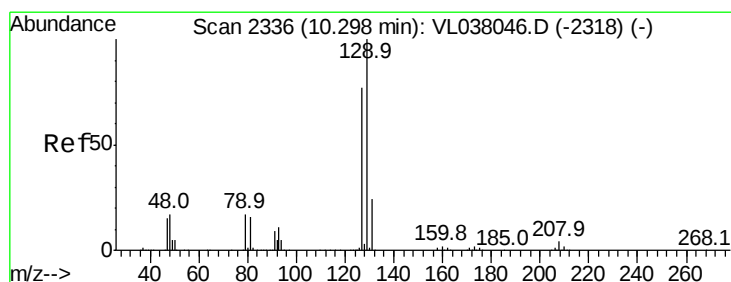
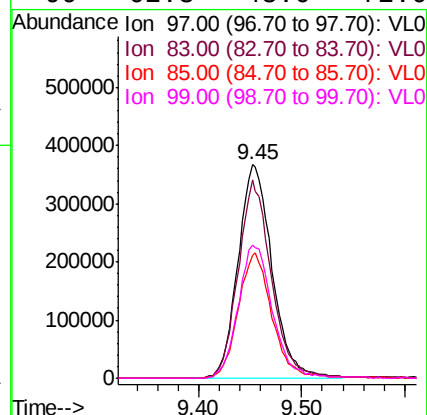
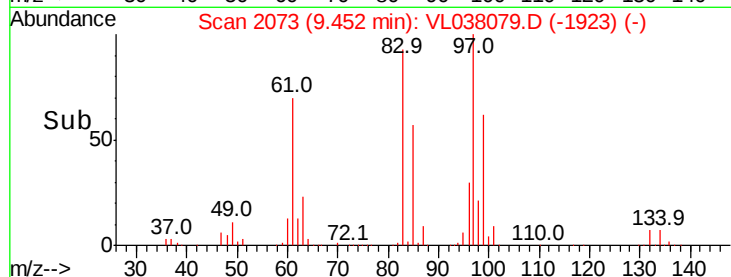
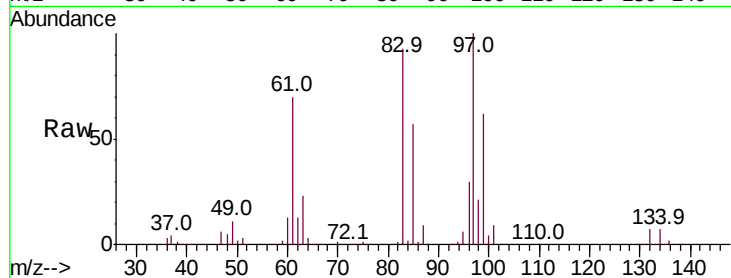
99 62.3 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#48

Dibromochloromethane

Concen: 10.135 ppbv

RT: 10.28 min Scan# 2331

Delta R.T. -0.02 min

Lab File: VL038079.D

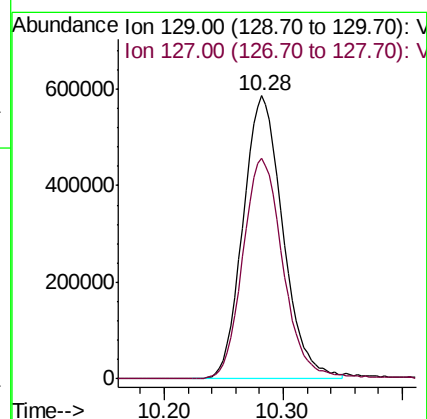
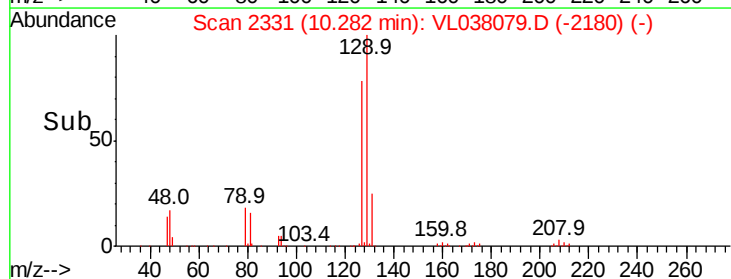
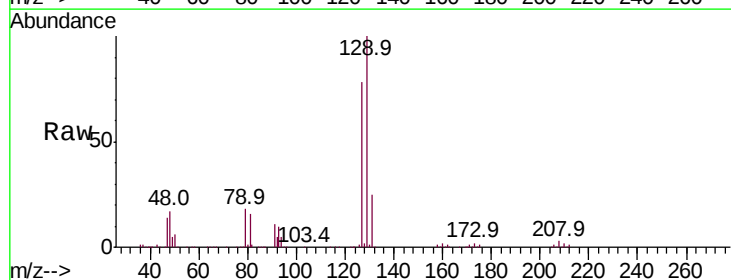
Acq: 19 Nov 2021 10:46

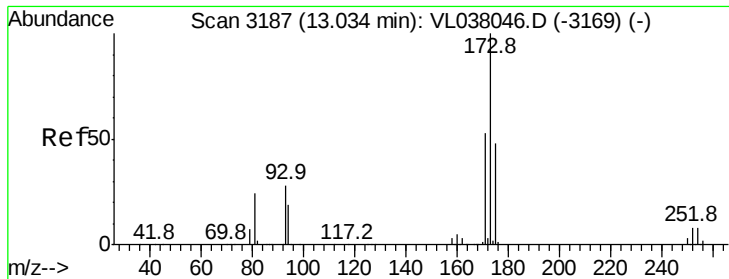
Tgt Ion:129 Resp: 1360382

Ion Ratio Lower Upper

129 100

127 79.5 39.4 118.1



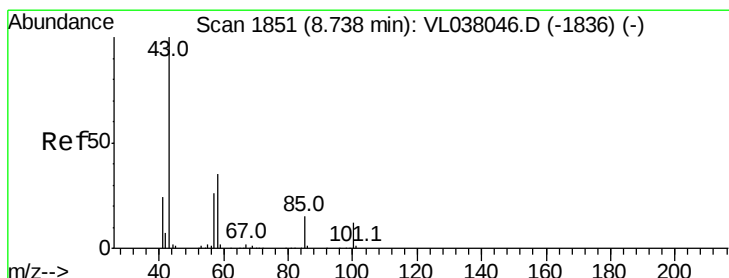
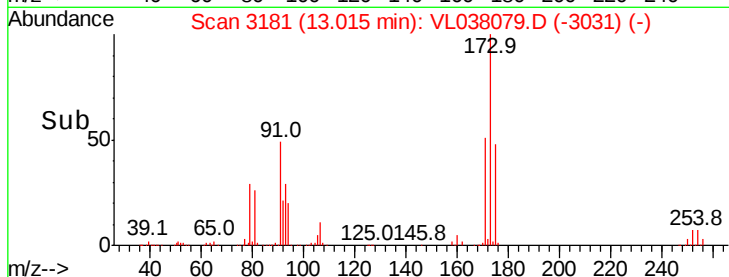
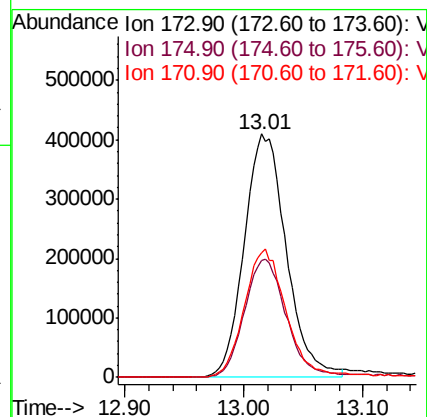
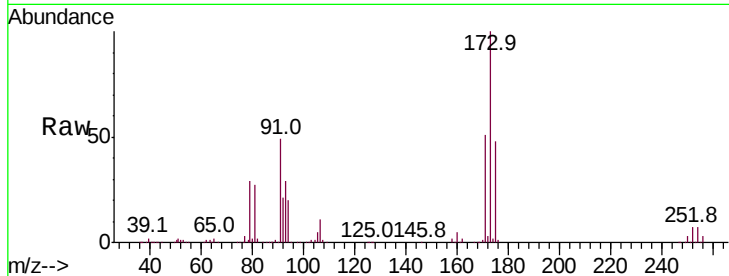


#49
Bromoform
Concen: 10.456 ppbv
RT: 13.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 19 Nov 2021 10:48

Tot Ion:1
Ion Rati
173 100
175 50.
171 54.

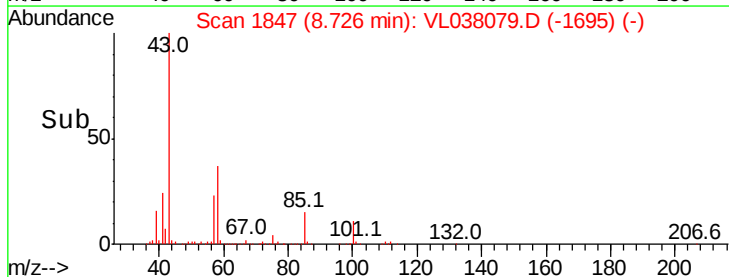
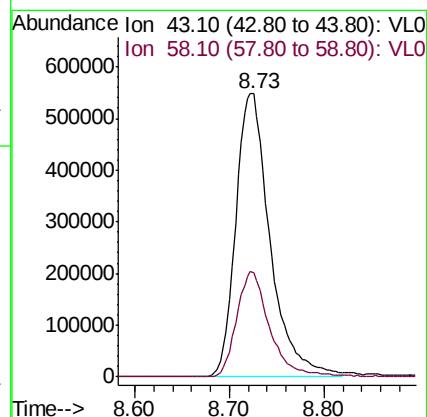
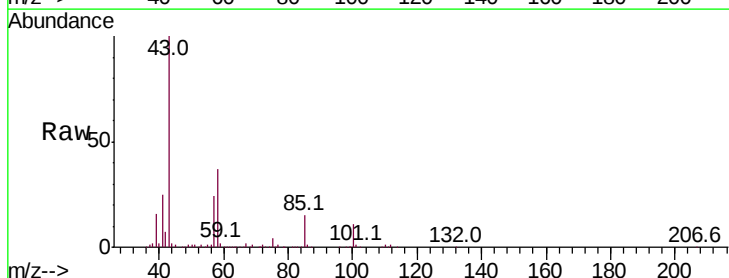
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APPROVED

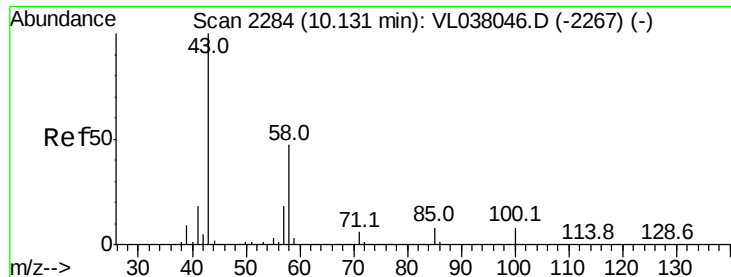
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#50
4-Methyl-2-Pentanone
Concen: 10.282 ppbv
RT: 8.73 min Scan# 1847
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 43 Resp: 1384840
Ion Ratio Lower Upper
43 100
58 35.9 29.4 44.2





#51

2-Hexanone

Concen: 10.132 ppbv

RT: 10.11

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:46

Tot Ion:

Ion Ratio

43 100

58 50.

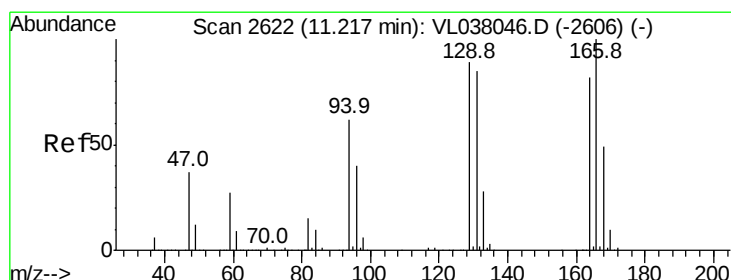
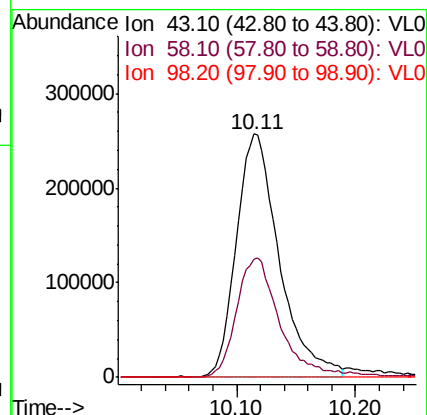
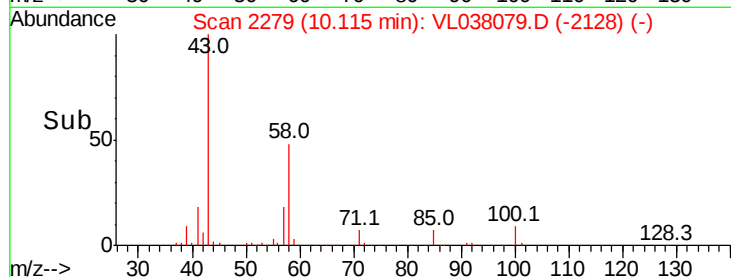
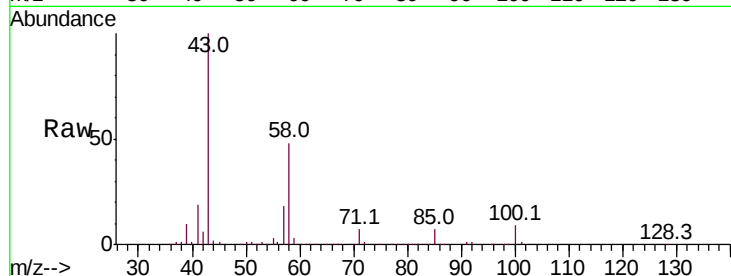
98 0.

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APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#52

Tetrachloroethene

Concen: 8.580 ppbv

RT: 11.20 min Scan# 2617

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

Tgt Ion:164 Resp: 696538

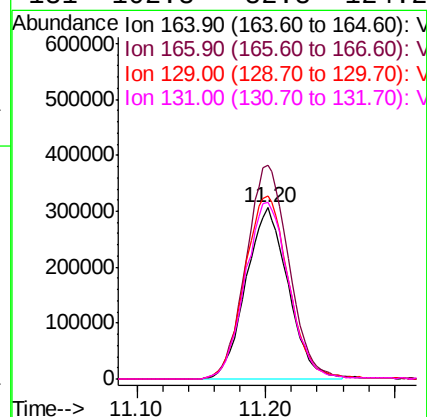
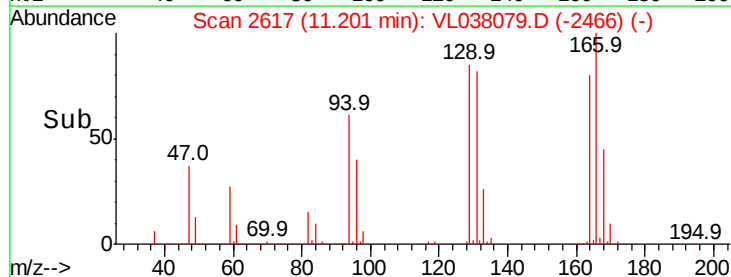
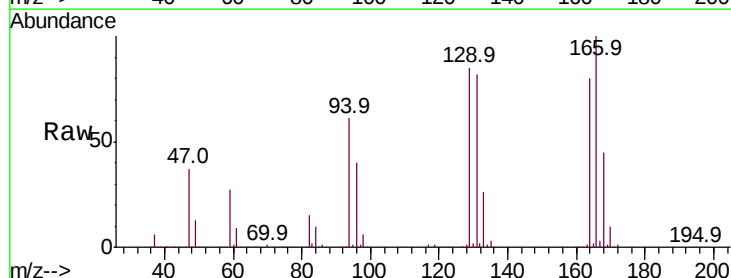
Ion Ratio Lower Upper

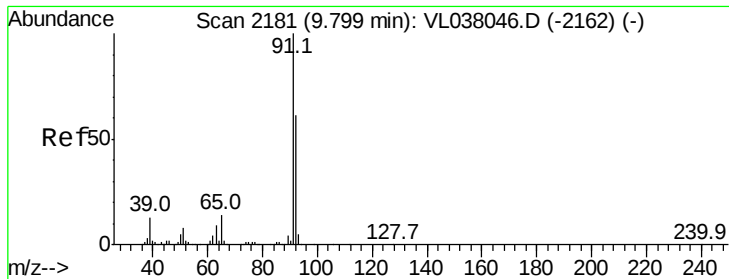
164 100

166 124.5 97.2 145.8

129 106.5 86.9 130.3

131 102.8 82.8 124.2





#53

Toluene

Concen: 9.539 ppbv

RT: 9.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:40

Tot Ion:

Ion Ratio

91 100

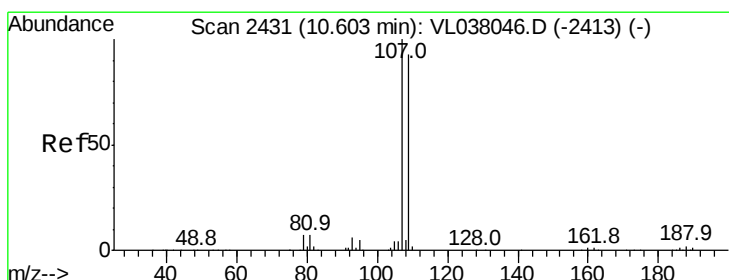
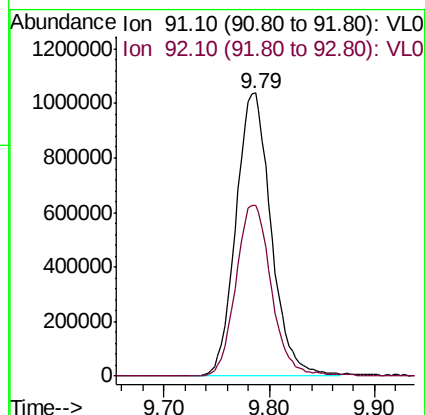
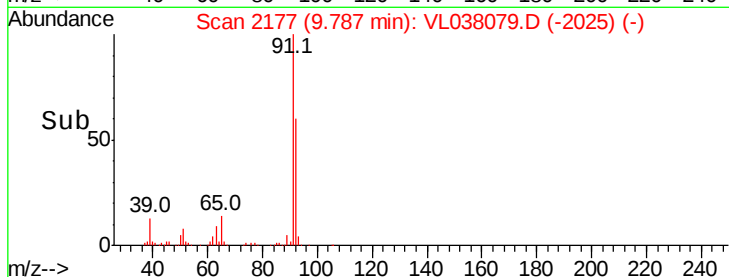
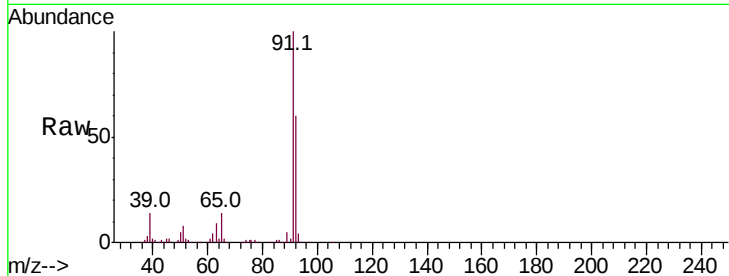
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#54

1,2-Dibromoethane

Concen: 9.670 ppbv

RT: 10.59 min Scan# 2426

Delta R.T. -0.02 min

Lab File: VL038079.D

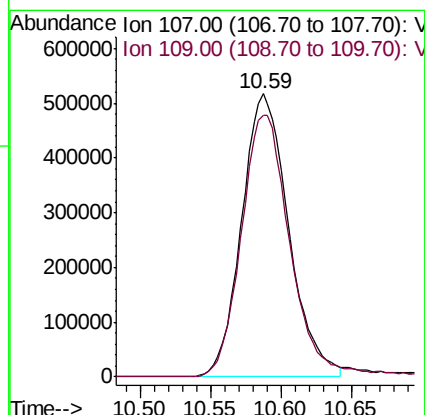
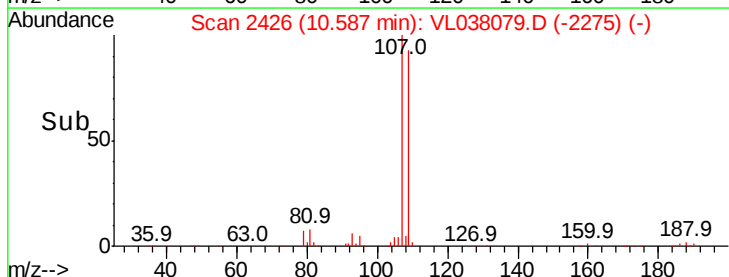
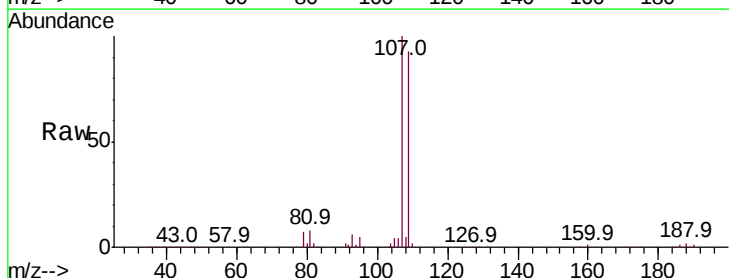
Acq: 19 Nov 2021 10:46

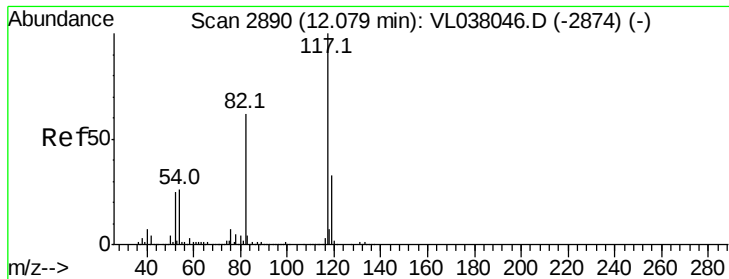
Tgt Ion:107 Resp: 1204011

Ion Ratio Lower Upper

107 100

109 92.4 74.6 111.8



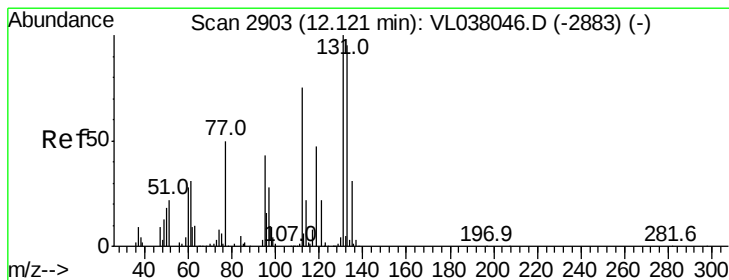
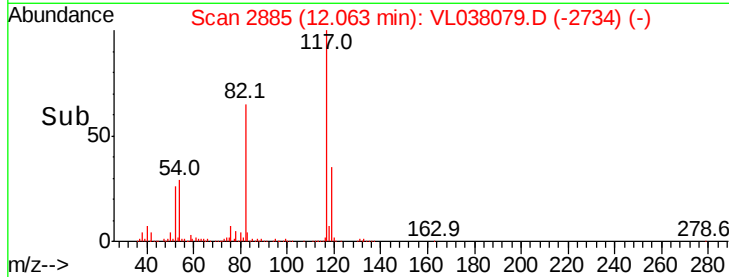
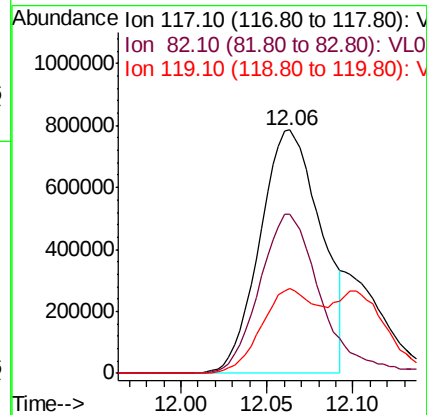
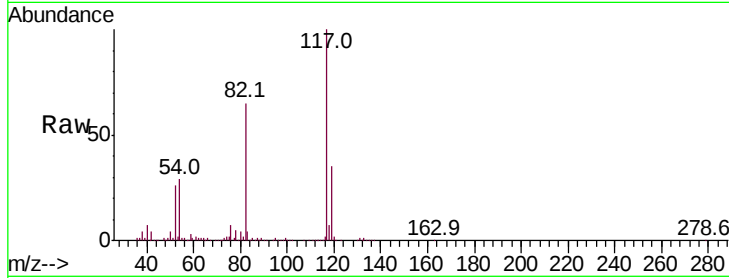


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.06
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48
VSTDCCC010

Tot Ion:1
Ion Rati
117 100
82 68.
119 31.

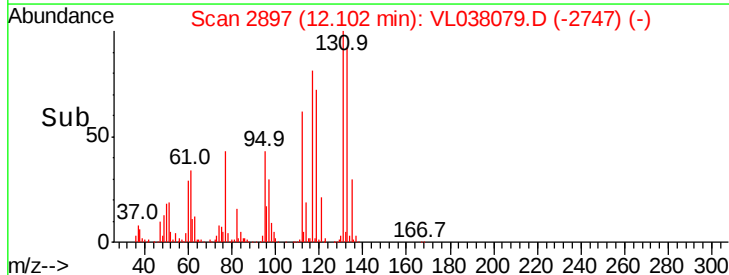
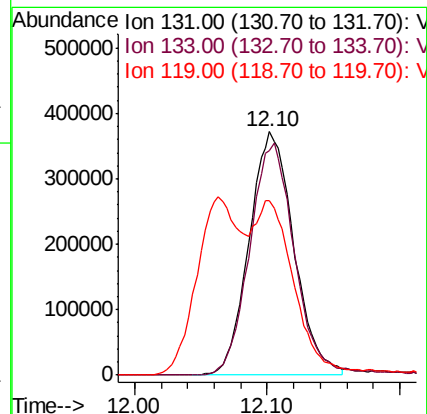
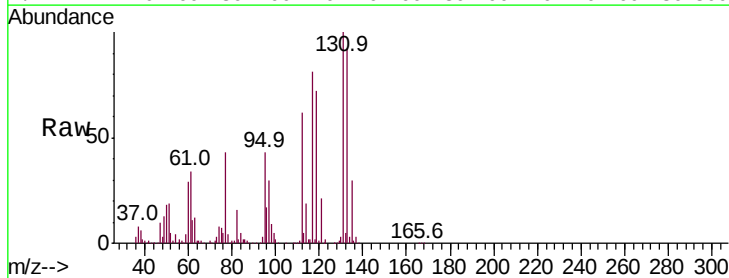
Manual Integrations
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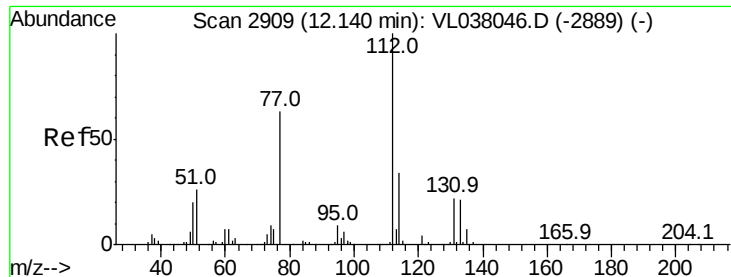
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.924 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:131 Resp: 870058
Ion Ratio Lower Upper
131 100
133 97.0 78.8 118.2
119 75.9 56.3 84.5



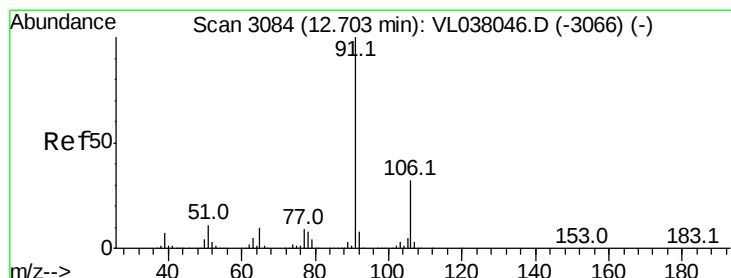
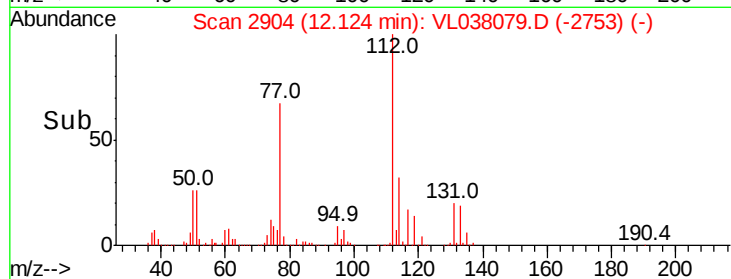
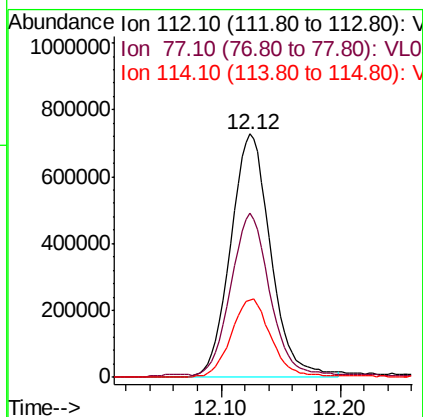
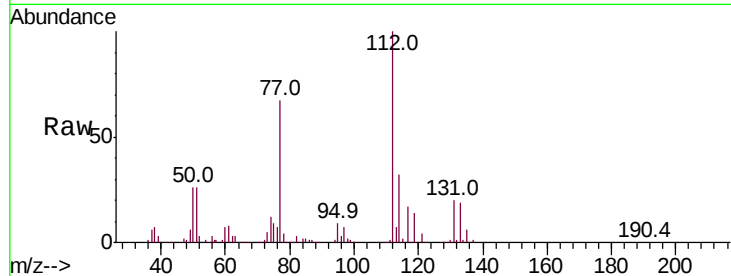


#57
Chlorobenzene
Concen: 9.794 ppbv
RT: 12.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 19 Nov 2021 10:48

Tot Ion: 1
Ion Ratio
112 100
77 66.
114 31.

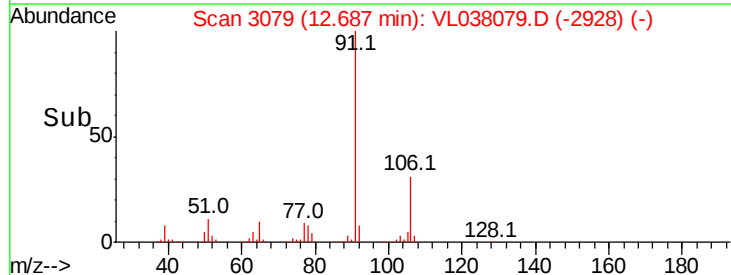
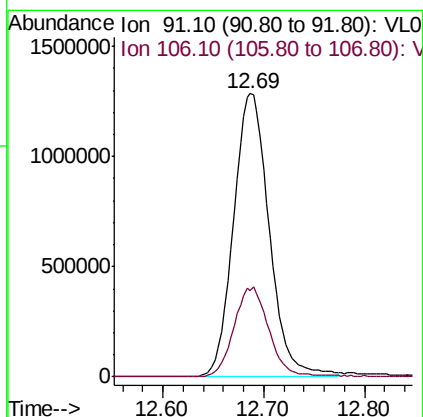
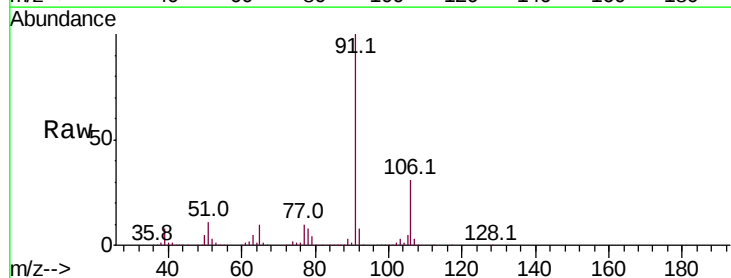
Manual Integrations
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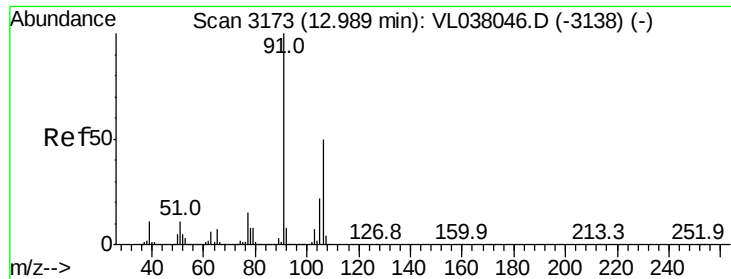
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#58
Ethyl Benzene
Concen: 9.907 ppbv
RT: 12.69 min Scan# 3079
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 3162095
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6



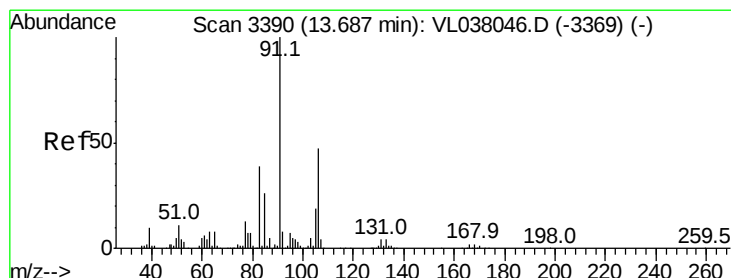
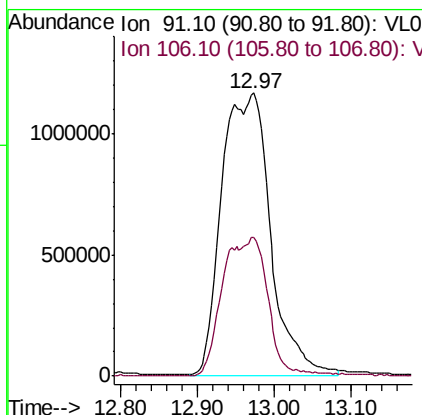
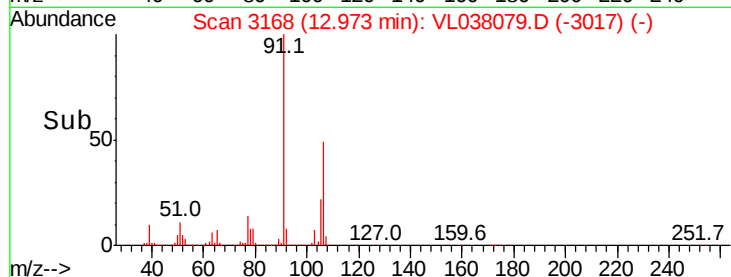
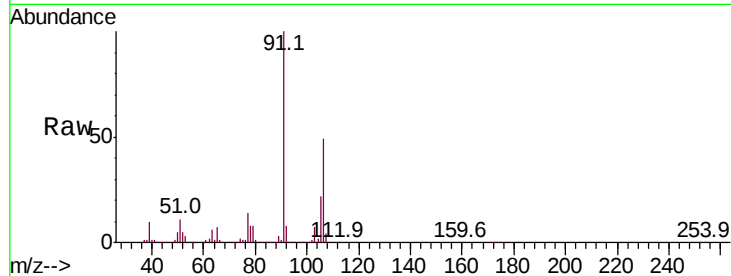


#59
m/p-Xylene
Concen: 19.210 ppbv m
RT: 12.97
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Nov 2021 10:46
VSTDCCC010

Tot Ion:
Ion Ratio
91 100
106 46.

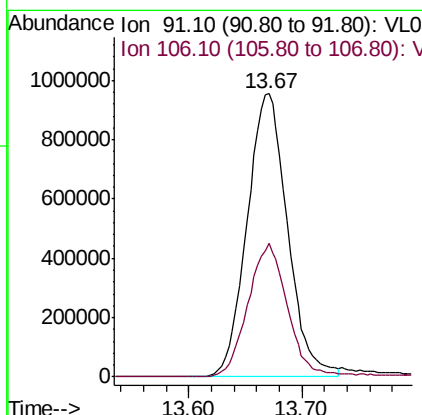
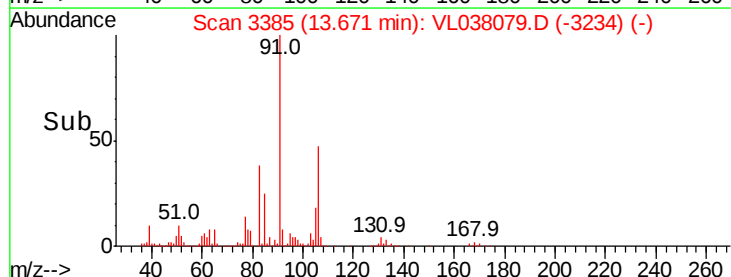
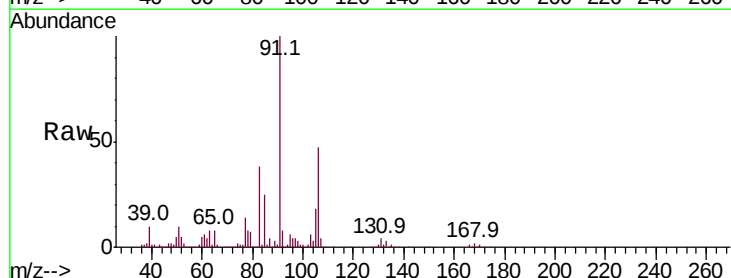
Manual Integrations
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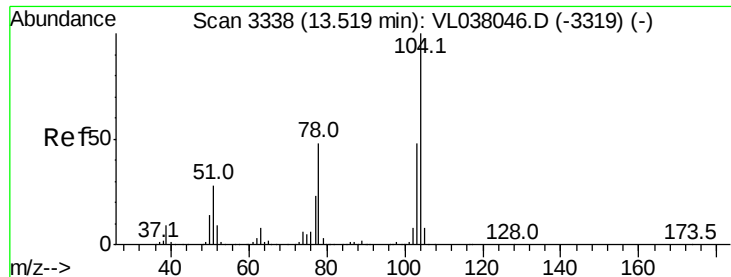
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#60
o-Xylene
Concen: 9.504 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 2368911
Ion Ratio Lower Upper
91 100
106 47.3 24.2 72.6



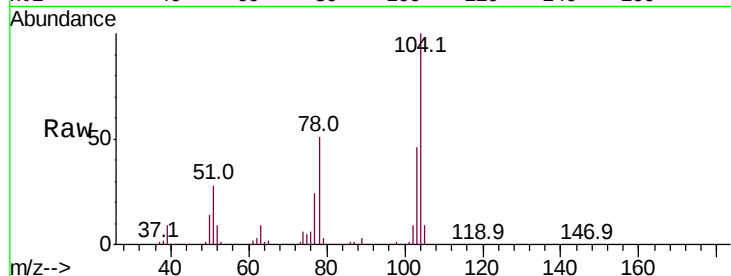


#61
Stvrene
Concen: 10.068 ppbv
RT: 13.50
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010
Acq: 19 Nov 2021 10:46

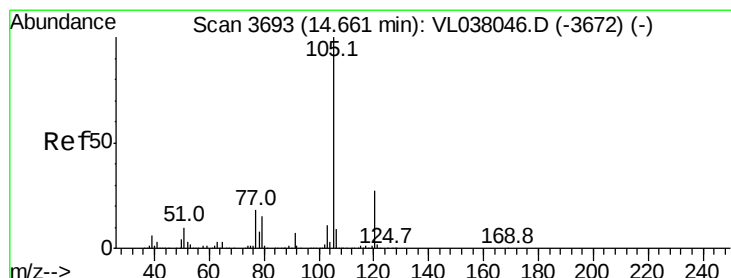
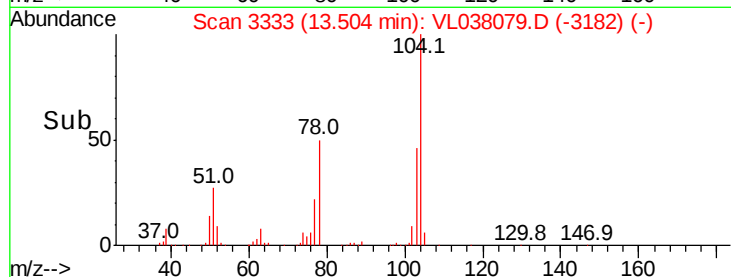
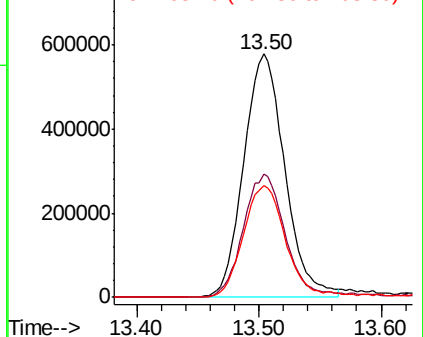
Tot Ion:1
Ion Rati
104 100
78 52.
103 48.

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

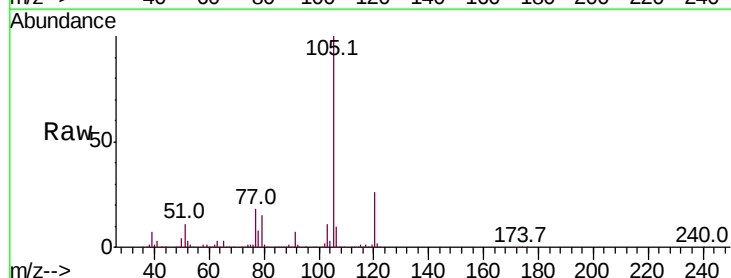


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

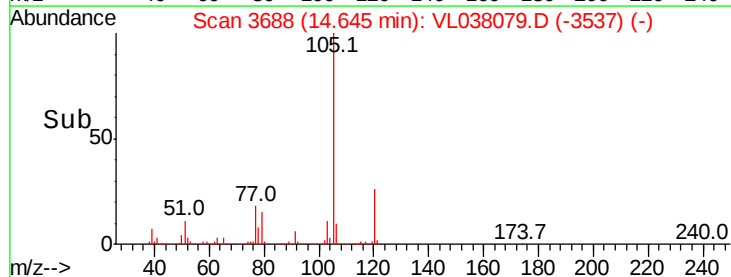
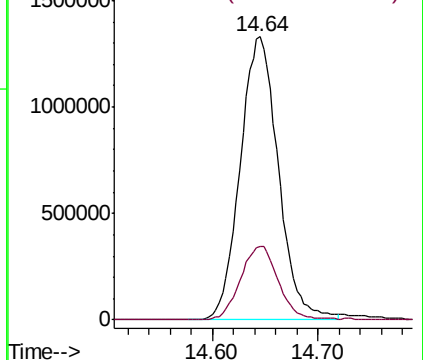


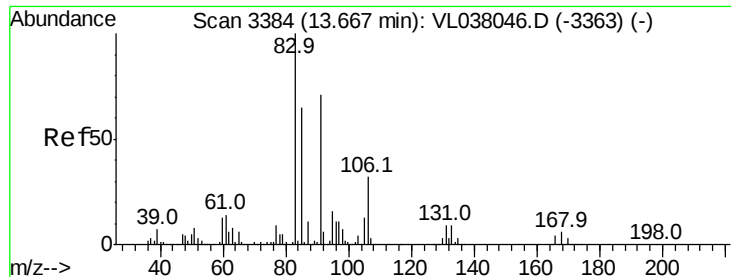
#62
Isopropylbenzene
Concen: 9.461 ppbv
RT: 14.64 min Scan# 3688
Delta R.T. -0.02 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 3347374
Ion Ratio Lower Upper
105 100
120 26.3 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: 9.082 ppbv

RT: 13.65

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:48

Tot Ion:

Ion Ratio

83 100

131 9.

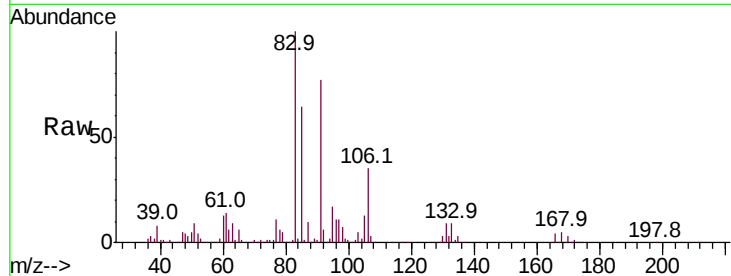
85 65.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

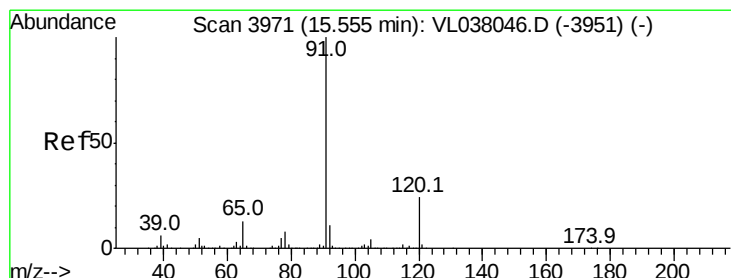
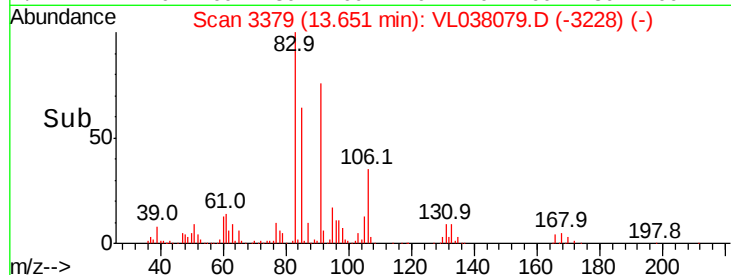
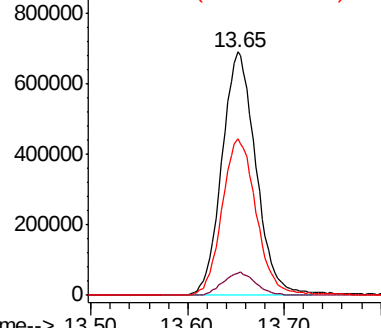
Supervised By :Mahesh Dadoda 11/29/2021



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



#64

n-propylbenzene

Concen: 9.688 ppbv

RT: 15.54 min Scan# 3966

Delta R.T. -0.02 min

Lab File: VL038079.D

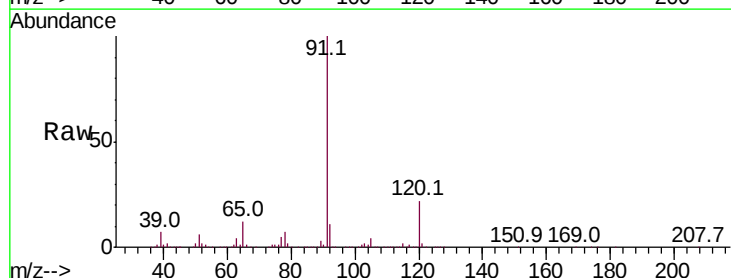
Acq: 19 Nov 2021 10:46

Tgt Ion:120 Resp: 873205

Ion Ratio Lower Upper

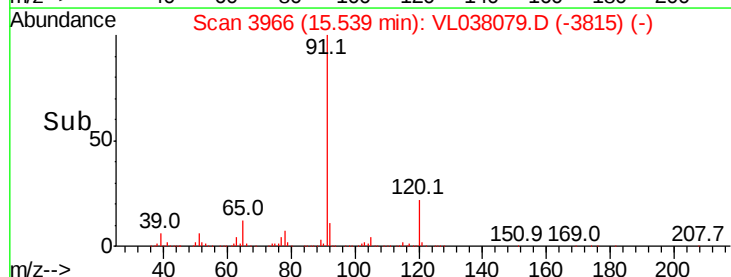
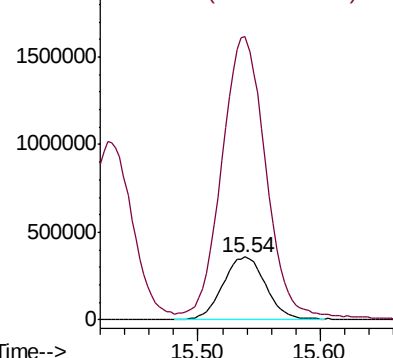
120 100

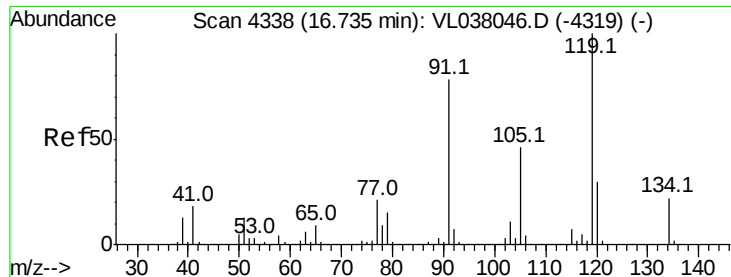
91 466.8 371.7 557.5



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



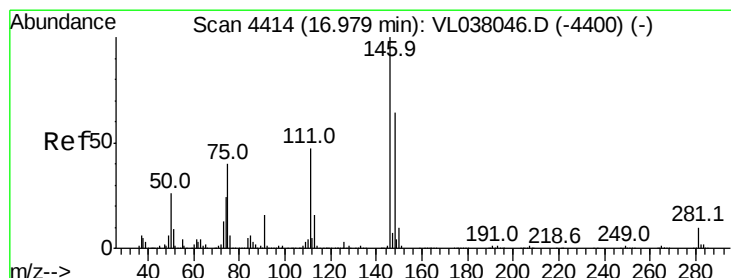
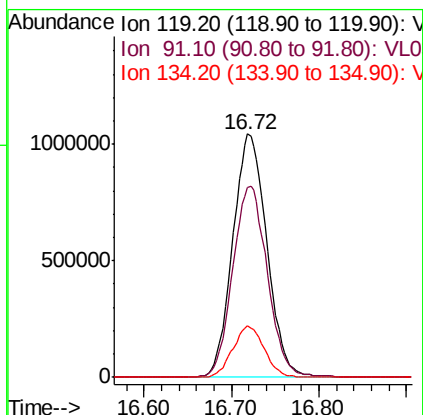
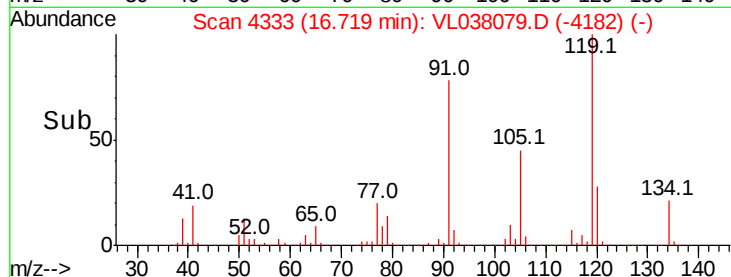
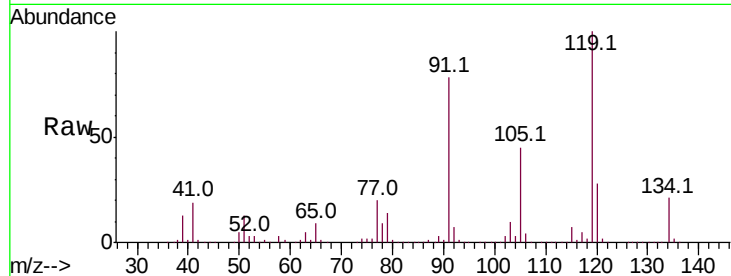


#65
tert-Butylbenzene
Concen: 9.033 ppbv
RT: 16.72 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 19 Nov 2021 10:40

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

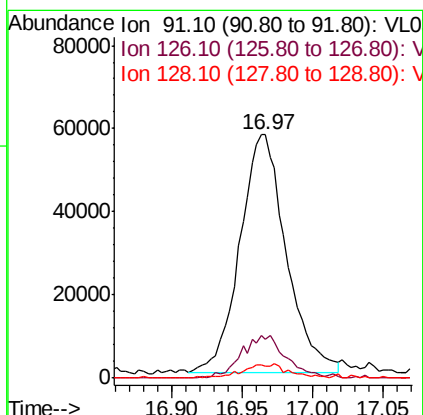
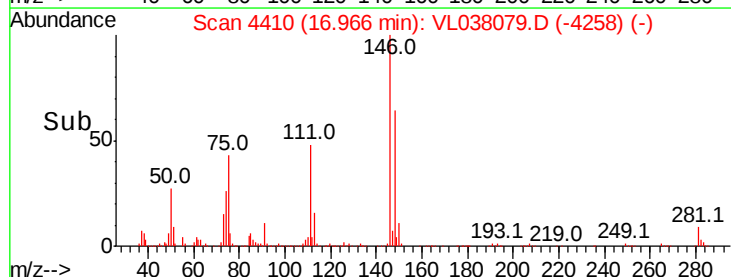
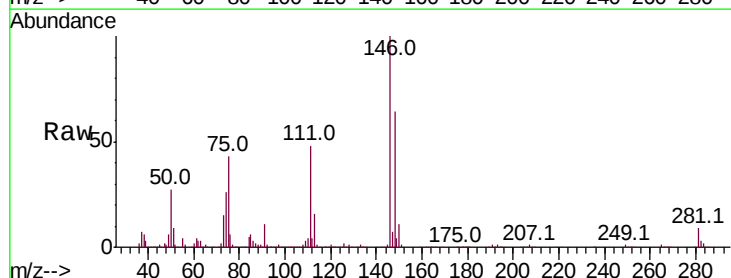
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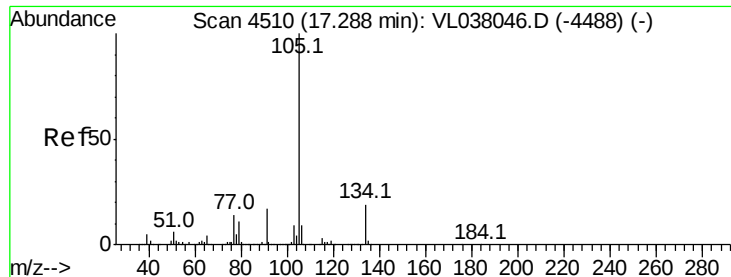
Reviewed By : Semsettin Yesilyurt 11/25/2021
Supervised By : Mahesh Dadoda 11/29/2021



#66
Benzyl Chloride
Concen: 8.353 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 131959
Ion Ratio Lower Upper
91 100
126 17.3 15.5 23.3
128 5.8 5.6 8.4





#67

sec-Butylbenzene

Concen: 9.118 ppbv

RT: 17.27

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:46

Tot Ion:1

Ion Ratio

105 100

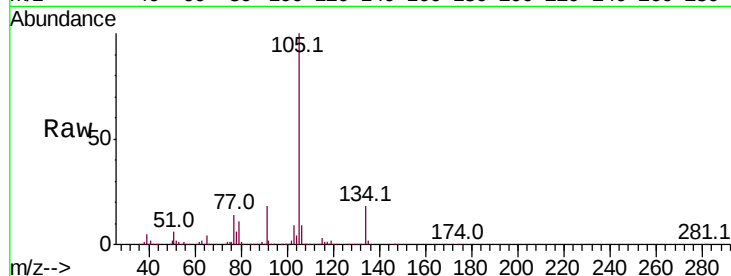
134 18.

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Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V

17.27

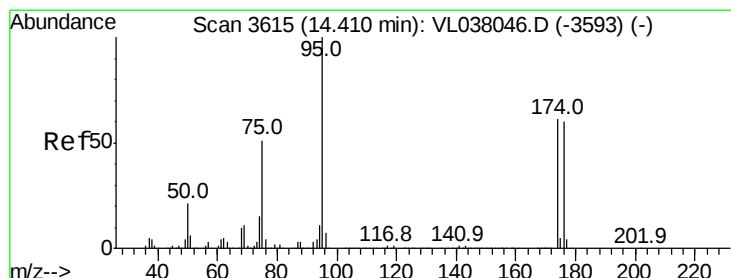
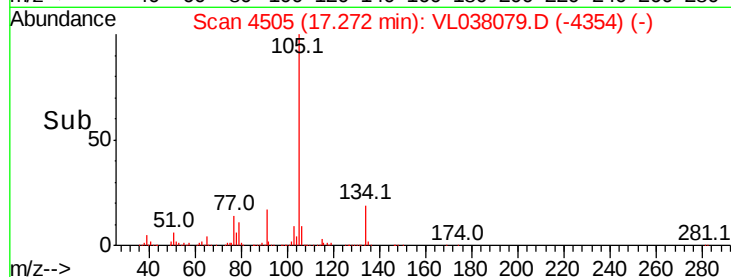
1500000

1000000

500000

0

Time-->



#68

1-Bromo-4-Fluorobenzene

Concen: 10.434 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

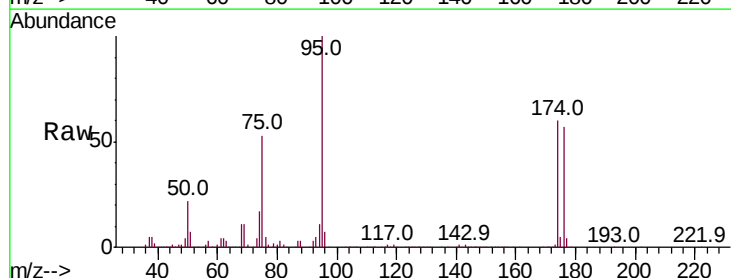
Tgt Ion: 95 Resp: 1453463

Ion Ratio Lower Upper

95 100

174 64.3 53.1 79.7

175 4.6 4.0 6.0



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

800000

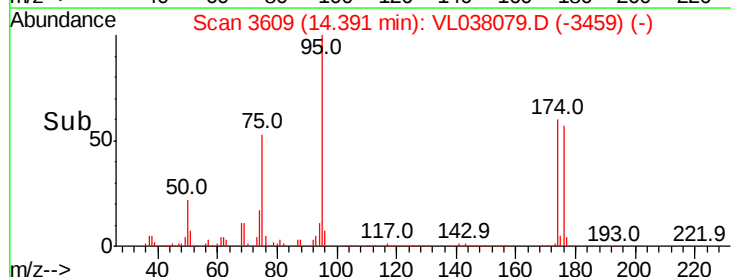
600000

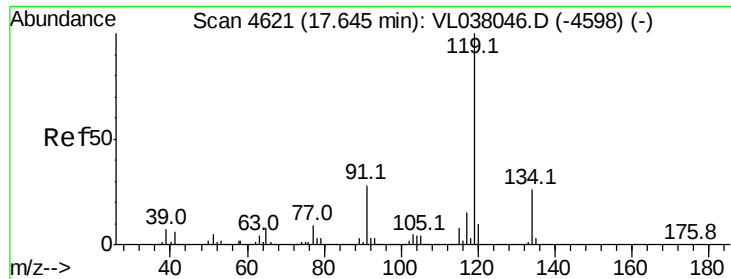
400000

200000

0

Time-->



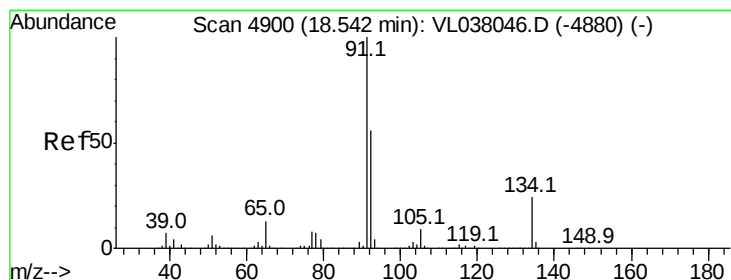
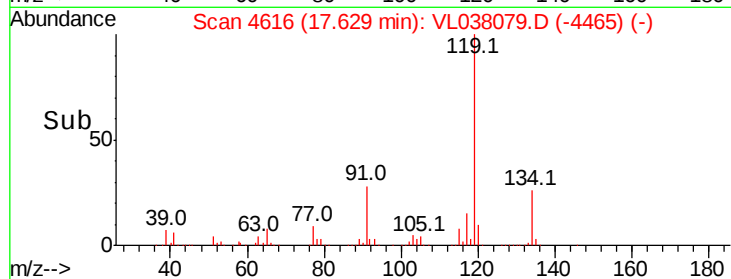
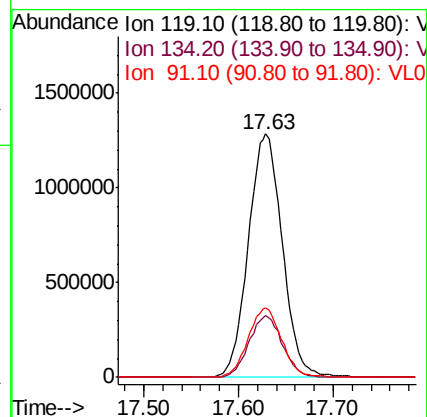
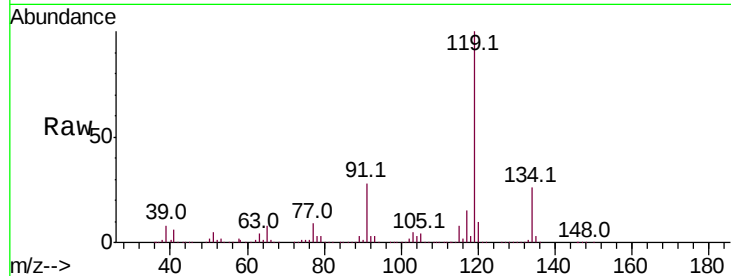


#69
 p-Isopropyltoluene
 Concen: 9.418 ppbv
 RT: 17.63 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

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

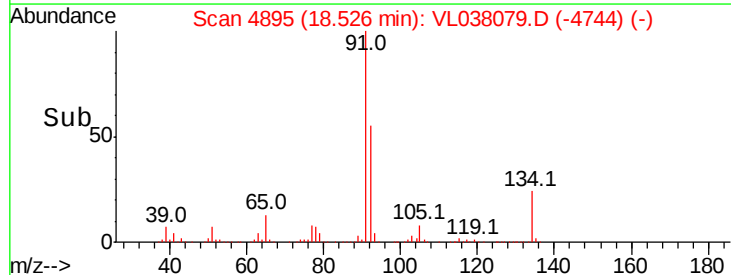
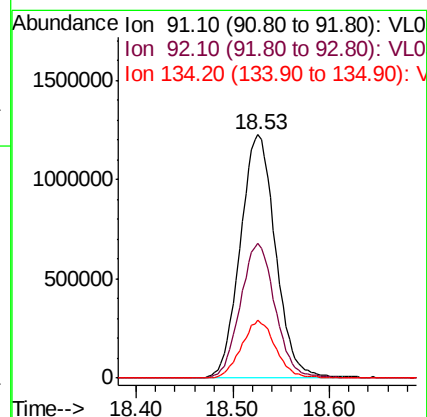
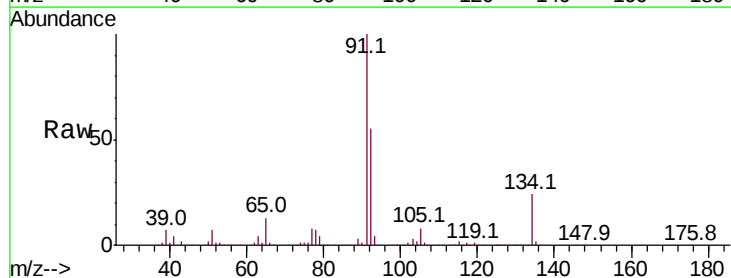
Manual Integrations
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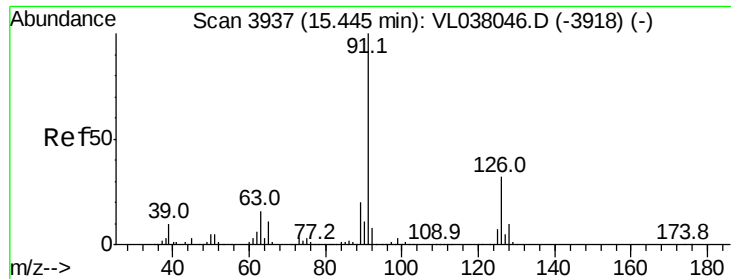
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#70
 n-Butylbenzene
 Concen: 9.549 ppbv
 RT: 18.53 min Scan# 4895
 Delta R.T. -0.02 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion: 91 Resp: 3102140
 Ion Ratio Lower Upper
 91 100
 92 55.0 44.1 66.1
 134 22.9 18.9 28.3





#71

2-Chlorotoluene

Concen: 9.618 ppbv

RT: 15.43

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:40

Tot Ion:

Ion Ratio

91 100

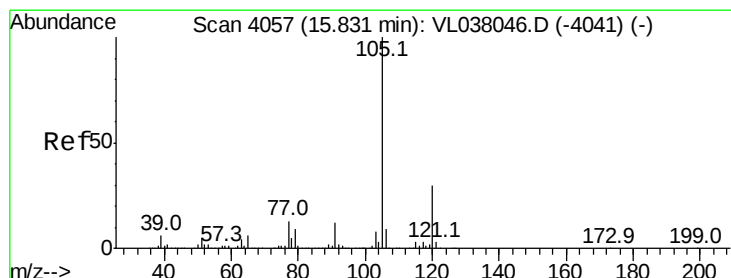
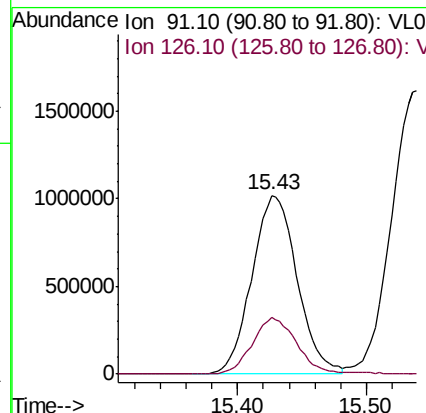
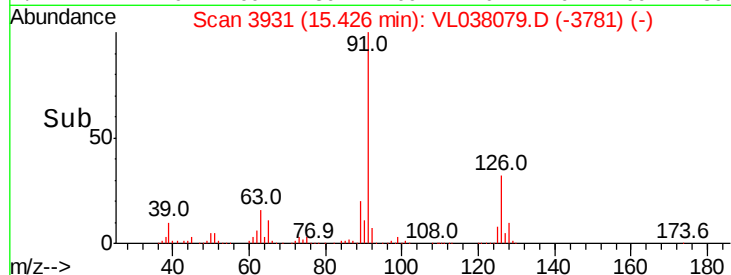
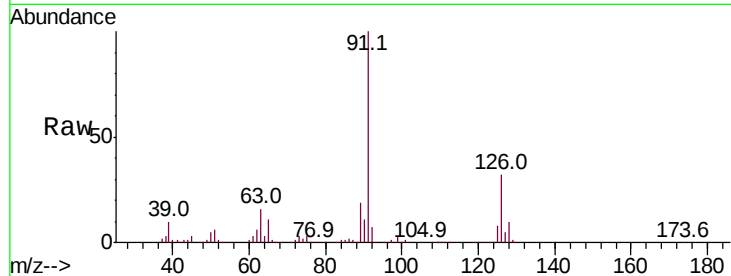
126 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#72

4-Ethyltoluene

Concen: 9.903 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 2861846

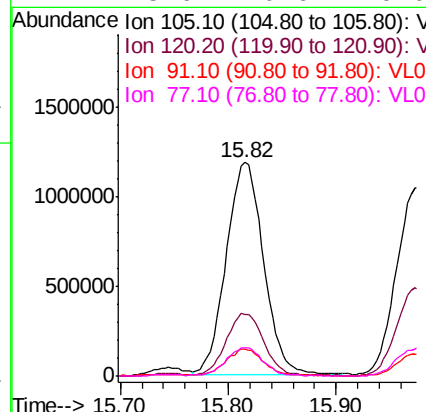
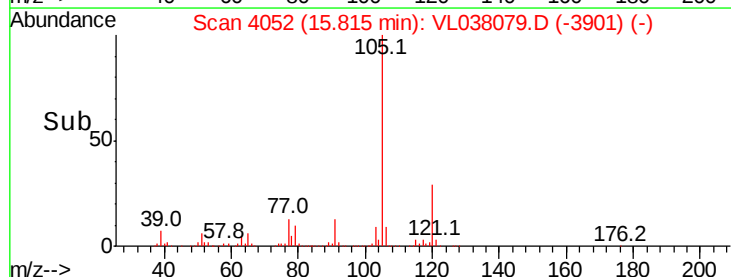
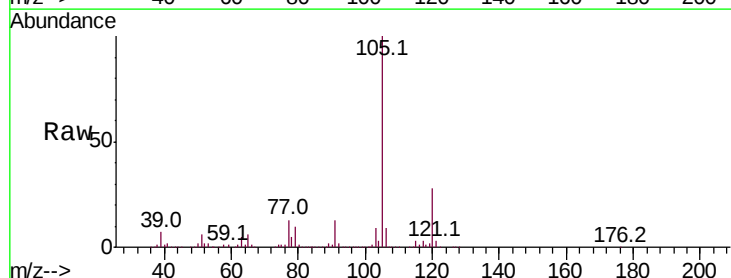
Ion Ratio Lower Upper

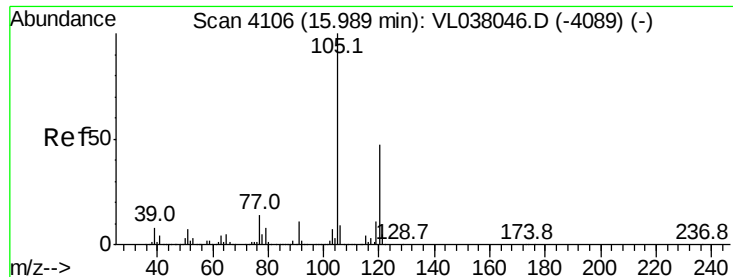
105 100

120 30.3 25.1 37.7

91 12.4 9.7 14.5

77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 9.522 ppbv

RT: 15.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 10:40

Tot Ion:1

Ion Ratio

105 100

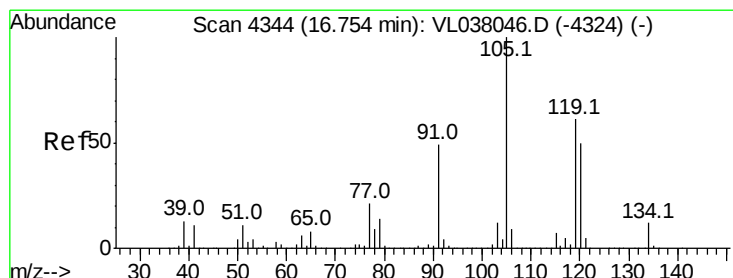
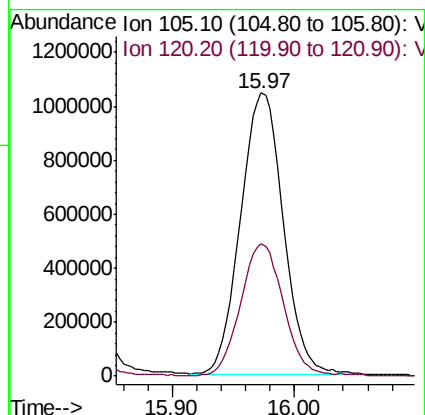
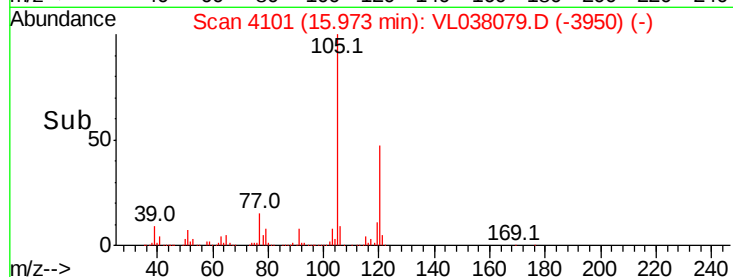
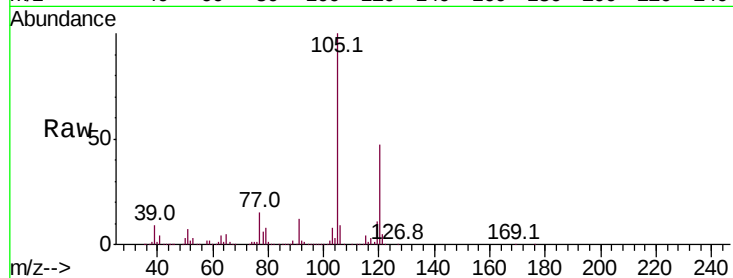
120 47.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/25/2021

Supervised By :Mahesh Dadoda 11/29/2021



#74

1,2,4-Trimethylbenzene

Concen: 9.330 ppbv

RT: 16.74 min Scan# 4339

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

Tgt Ion:105 Resp: 2537737

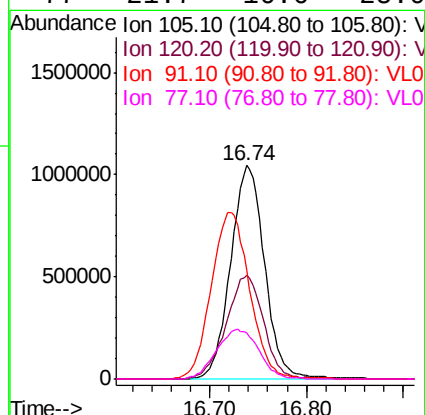
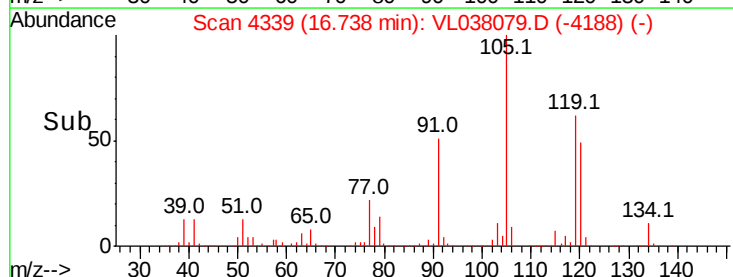
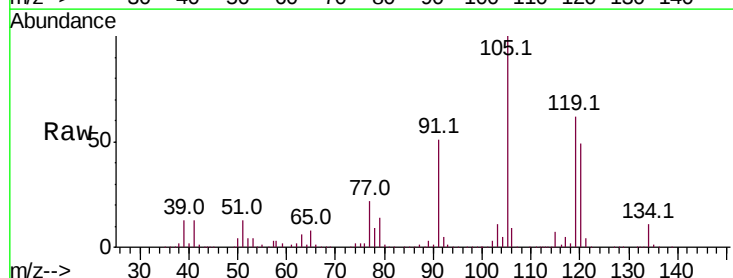
Ion Ratio Lower Upper

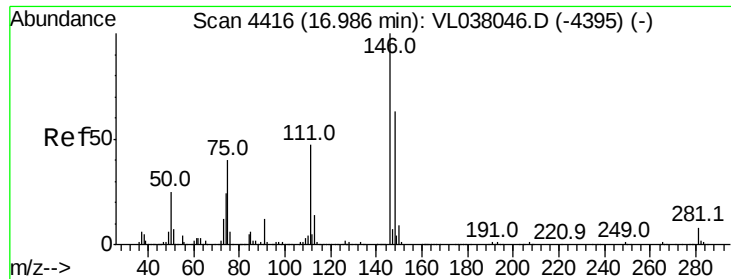
105 100

120 48.4 40.1 60.1

91 50.7 39.8 59.8

77 21.7 16.6 25.0



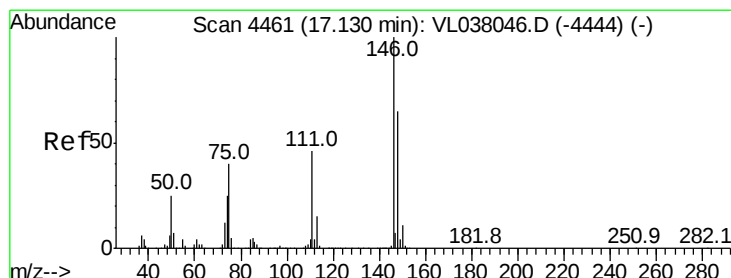
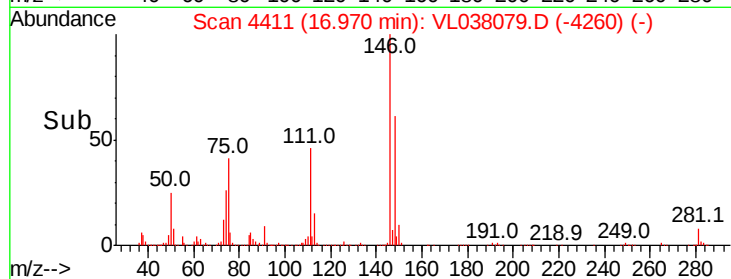
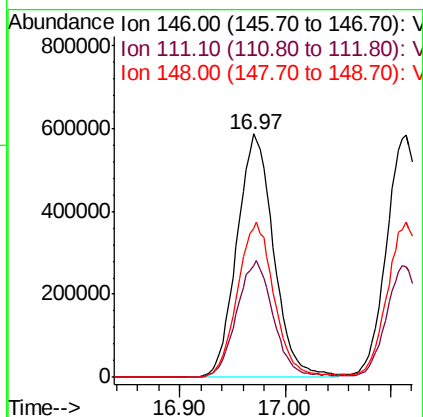
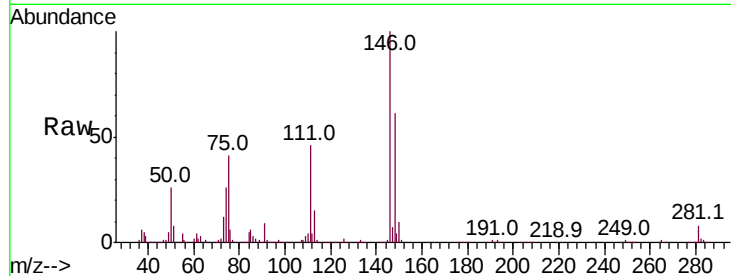


#75
 1,3-Dichlorobenzene
 Concen: 9.533 ppbv
 RT: 16.97 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampled :
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 63.

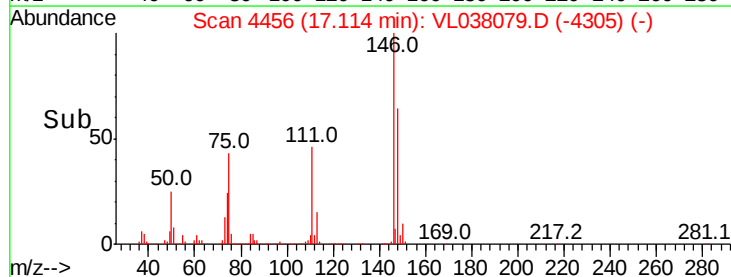
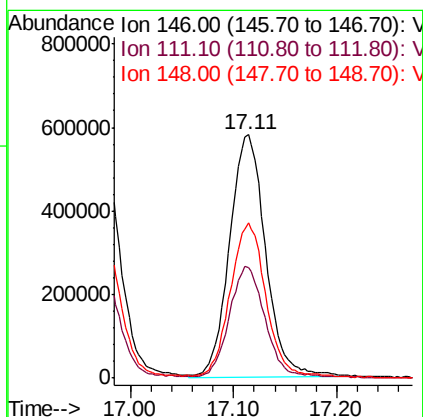
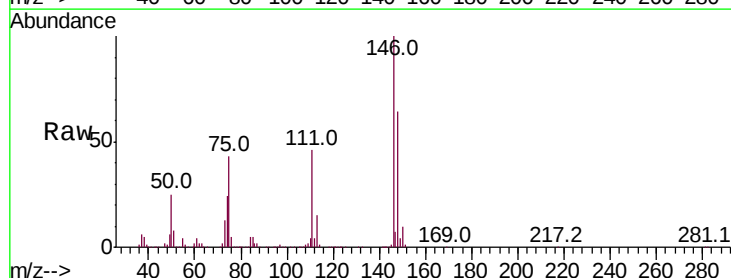
Manual Integrations
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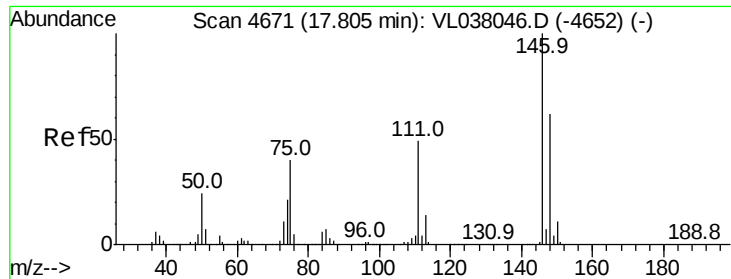
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.454 ppbv
 RT: 17.11 min Scan# 4456
 Delta R.T. -0.02 min
 Lab File: VL038079.D
 Acq: 19 Nov 2021 10:46

Tgt Ion:146 Resp: 1421346
 Ion Ratio Lower Upper
 146 100
 111 46.0 23.8 71.5
 148 64.2 33.2 99.6





#77

1,2-Dichlorobenzene

Concen: 9.212 ppbv

RT: 17.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 10:48

Tot Ion:1

Ion Rati

146 100

111 50.

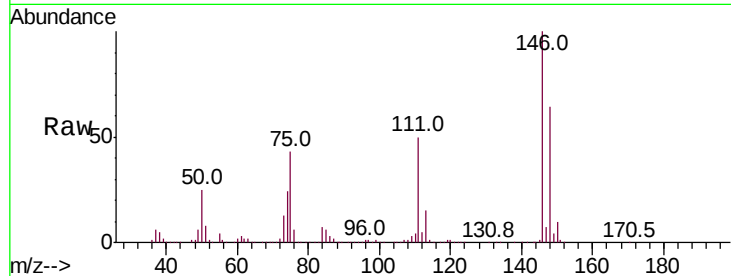
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

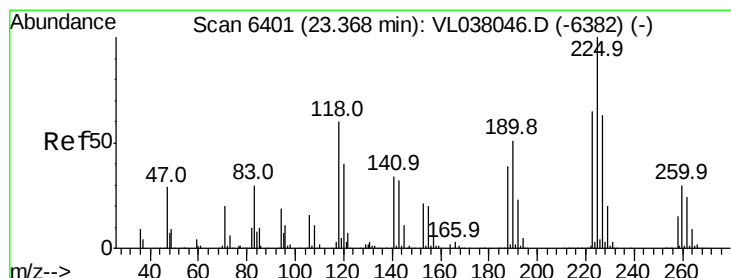
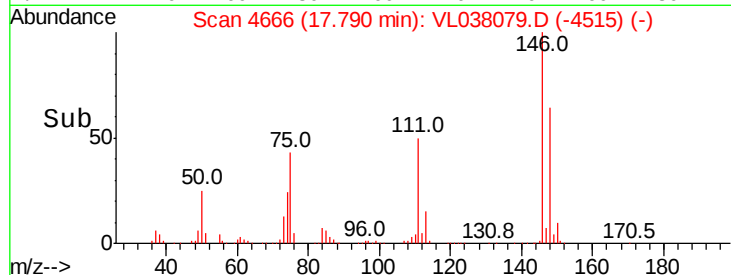
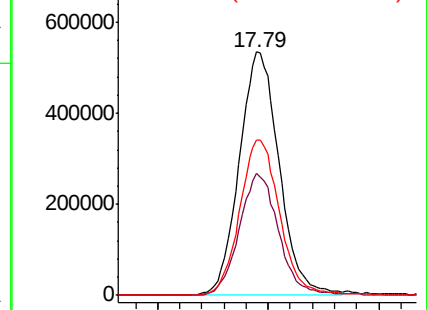
Supervised By :Mahesh Dadoda 11/29/2021



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



#78

Hexachloro-1,3-Butadiene

Concen: 7.932 ppbv

RT: 23.35 min Scan# 6395

Delta R.T. -0.02 min

Lab File: VL038079.D

Acq: 19 Nov 2021 10:46

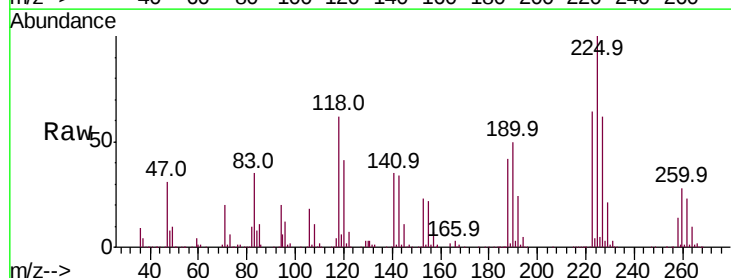
Tgt Ion:225 Resp: 716412

Ion Ratio Lower Upper

225 100

223 65.7 52.3 78.5

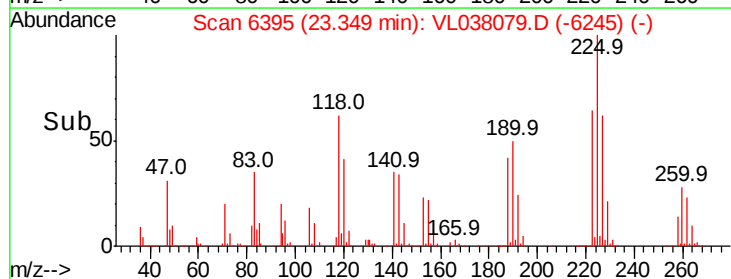
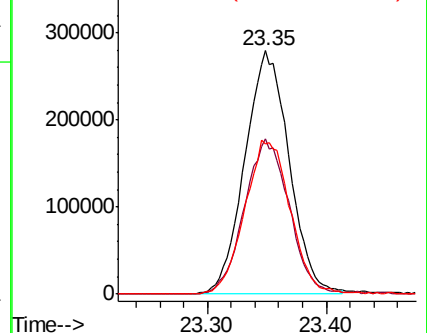
227 65.9 52.4 78.6

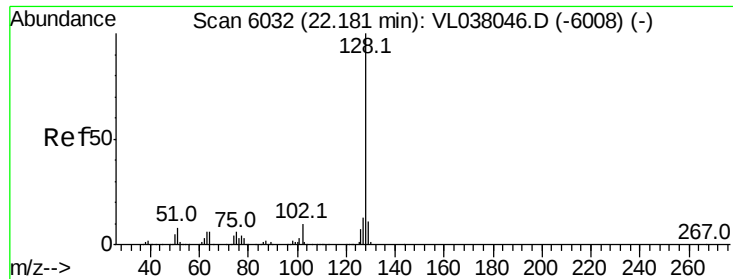


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



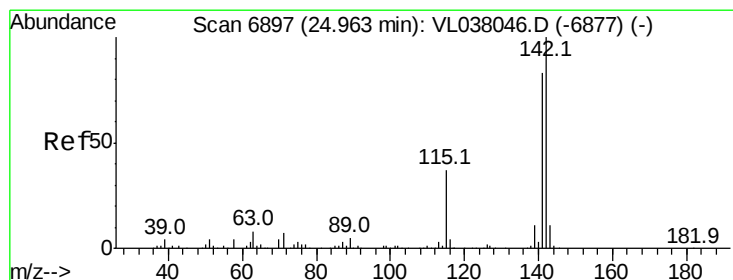
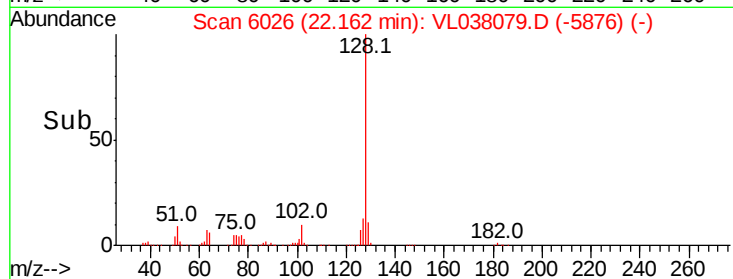
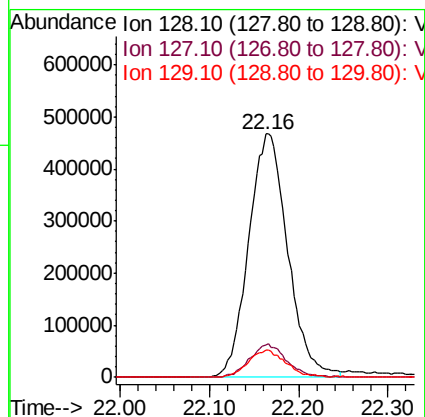
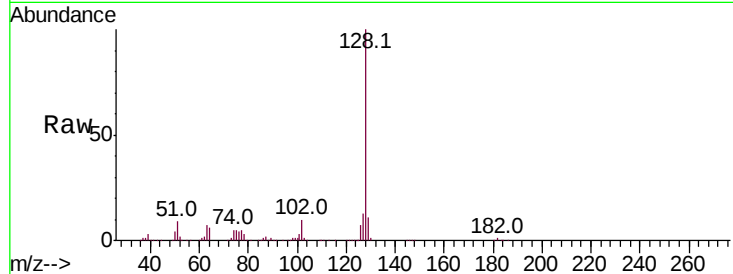


#79
Naphthalene
Concen: 9.934 ppbv
RT: 22.16 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Nov 2021 10:48
VSTDCCC010

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

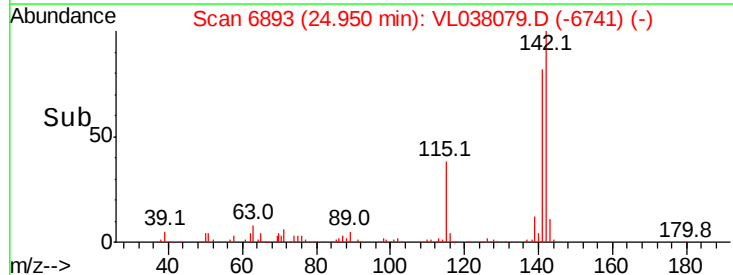
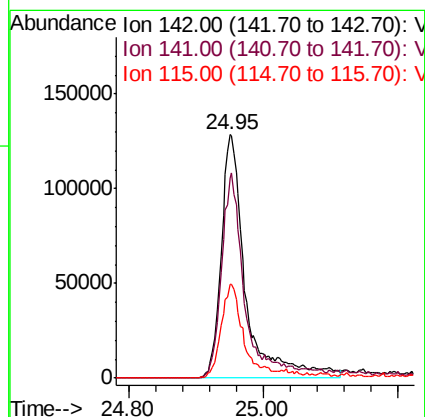
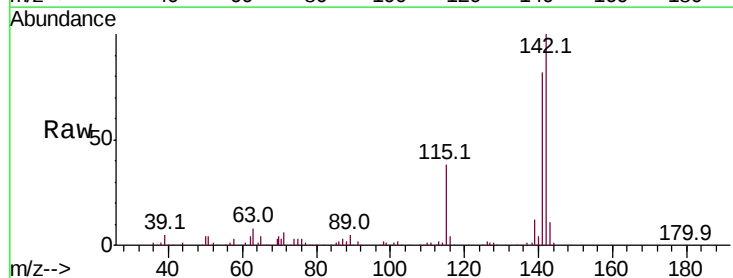
Manual Integrations
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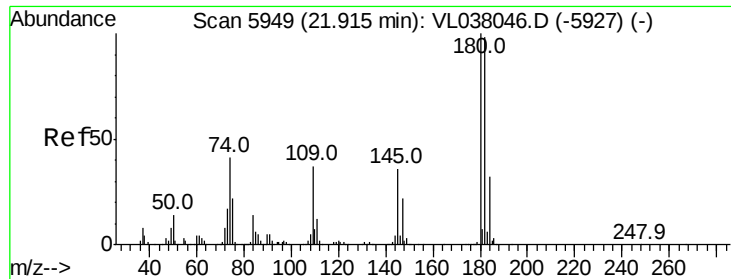
Reviewed By :Semsettin Yesilyurt 11/25/2021
Supervised By :Mahesh Dadoda 11/29/2021



#80
Naphthalene, 2-methyl-
Concen: 10.672 ppbv
RT: 24.95 min Scan# 6893
Delta R.T. -0.01 min
Lab File: VL038079.D
Acq: 19 Nov 2021 10:46

Tgt Ion:142 Resp: 327606
Ion Ratio Lower Upper
142 100
141 82.6 67.3 100.9
115 37.3 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.343 ppbv
 RT: 21.89
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 19 Nov 2021 10:40

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

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

