

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037701.D
 Acq On : 28 Sep 2021 13:00
 Operator : SY/AP
 Sample : VL0928ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0928ABS01

Manual Integrations
 APPROVED

Quant Time: Sep 29 03:52:22 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A

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

QLast Update : Thu Sep 16 13:42:46 2021

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1473373	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4369968	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4166262m	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2864709	9.51	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.10%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.06	85	1968203	7.382	ppbv	98
3) Chlorodifluoromethane	3.00	51	2601721	9.362	ppbv	99
4) Chloromethane	3.15	50	980100	9.545	ppbv	99
5) Vinyl Chloride	3.27	62	990494	10.270	ppbv	100
6) Bromomethane	3.48	94	508408	9.070	ppbv	94
7) Chloroethane	3.57	64	342349	9.498	ppbv	98
8) Dichlorotetrafluoroethane	3.20	85	2234621	9.716	ppbv	100
9) Propene	3.02	41	951306	9.704	ppbv	98
10) Heptane	8.13	43	2414664	10.556	ppbv	99
11) Trichlorofluoromethane	3.96	101	2078198	9.709	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1512639	9.574	ppbv	99
13) Ethanol	3.62	45	91629m	9.556	ppbv	
14) Bromoethene	3.75	108	707013	9.831	ppbv	100
15) Acetone	3.86	43	1174440	7.672	ppbv	96
16) 1,3-Butadiene	3.34	39	925735	9.678	ppbv	97
17) tert-Butyl alcohol	4.30	59	1398116	10.771	ppbv	100
18) 1,1-Dichloroethene	4.30	96	703653	9.560	ppbv	95
19) Isopropyl Alcohol	3.97	45	813564	9.768	ppbv #	96
20) Methylene Chloride	4.36	84	602307	8.241	ppbv	98
21) Allyl Chloride	4.42	41	1120615	9.799	ppbv	99
22) trans-1,2-Dichloroethene	4.89	96	709454	9.580	ppbv	98
23) Vinyl Acetate	5.08	43	2283057	10.778	ppbv	98
24) 1,1-Dichloroethane	5.02	63	1495904	9.858	ppbv	98
25) Ethyl Acetate	5.69	43	3732895	10.068	ppbv	99
26) Hexane	5.70	57	1763774	10.015	ppbv	99
27) Carbon Disulfide	4.56	76	1712305	10.628	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1748343	11.271	ppbv	99
29) Chloroform	5.76	83	2437025	9.476	ppbv	100
30) Cyclohexane	7.14	84	1467472	9.742	ppbv	97
31) cis-1,2-Dichloroethene	5.56	61	1668243	10.434	ppbv	98
32) 1,1,1-Trichloroethane	6.52	97	2332209	9.741	ppbv	99
34) 2-Butanone	5.25	43	1680406	9.463	ppbv	97
35) Carbon Tetrachloride	7.03	117	2442334	9.880	ppbv	99
36) Benzene	6.90	78	3694116	10.138	ppbv	99
37) 1,2-Dichloroethane	6.32	62	1712967	9.558	ppbv	100
38) Trichloroethene	7.84	130	1440316	9.462	ppbv	97
39) 1,2-Dichloropropane	7.62	63	1396484	10.006	ppbv	97
40) 1,4-Dioxane	7.85	88	342131	10.077	ppbv	84
41) Tetrahydrofuran	6.06	42	912881	10.935	ppbv	99
42) Bromodichloromethane	7.80	83	2621114	10.204	ppbv	97
43) Methyl Methacrylate	8.03	69	1315192	10.849	ppbv	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037701.D
 Acq On : 28 Sep 2021 13:00
 Operator : SY/AP
 Sample : VL0928ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0928ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 03:52:22 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A

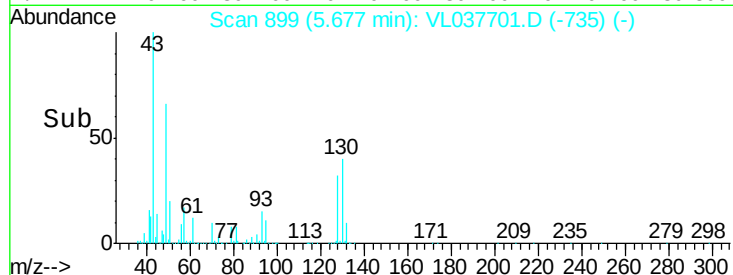
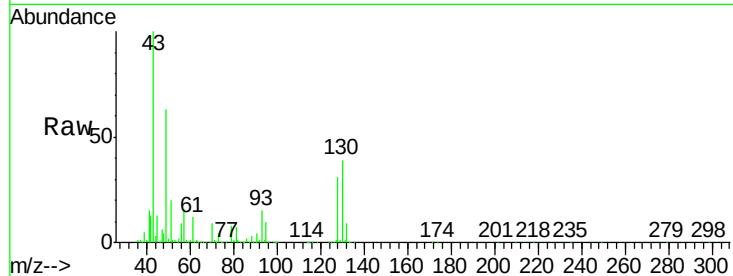
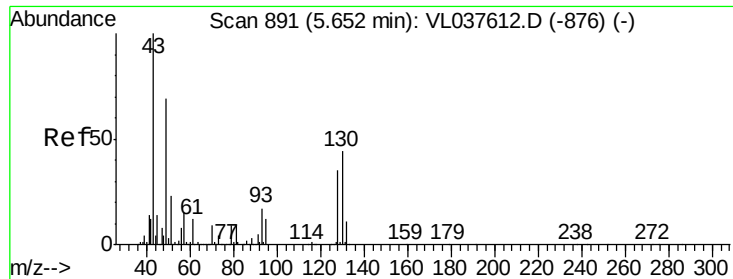
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Sep 16 13:42:46 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	6063103	9.897	ppbv	100
45) t-1,3-Dichloropropene	9.29	75	1001423	10.517	ppbv	97
46) cis-1,3-Dichloropropene	8.71	75	1361941	10.588	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1468756	9.513	ppbv	96
48) Dibromochloromethane	10.32	129	2310498	10.727	ppbv	99
49) Bromoform	13.05	173	1833110	10.634	ppbv	96
50) 4-Methyl-2-Pentanone	8.75	43	2453748	10.886	ppbv	100
51) 2-Hexanone	10.15	43	1135284	11.416	ppbv #	96
52) Tetrachloroethene	11.23	164	1351386	9.660	ppbv	99
53) Toluene	9.82	91	4245911	10.483	ppbv	99
54) 1,2-Dibromoethane	10.62	107	2076848	9.824	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.13	131	1554991	8.998	ppbv	96
57) Chlorobenzene	12.16	112	3002759	8.669	ppbv	98
58) Ethyl Benzene	12.72	91	5325738	9.630	ppbv	100
59) m/p-Xylene	13.01	91	8832577m	18.327	ppbv	
60) o-Xylene	13.70	91	4146961	9.040	ppbv	99
61) Styrene	13.54	104	2319931	10.256	ppbv	97
62) Isopropylbenzene	14.68	105	5745907	8.966	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.68	83	3030897	8.443	ppbv	99
64) n-propylbenzene	15.57	120	1550421	9.376	ppbv	86
65) tert-Butylbenzene	16.75	119	5094833	8.818	ppbv	99
66) Benzyl Chloride	17.00	91	296917m	9.404	ppbv	
67) sec-Butylbenzene	17.30	105	7126201	9.091	ppbv	99
69) p-Isopropyltoluene	17.66	119	5979470	9.337	ppbv	100
70) n-Butylbenzene	18.56	91	5768055	9.519	ppbv	100
71) 2-Chlorotoluene	15.46	91	4211000	9.169	ppbv	97
72) 4-Ethyltoluene	15.85	105	4849111	9.209	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	4531361	9.232	ppbv	98
74) 1,2,4-Trimethylbenzene	16.77	105	4642656	8.980	ppbv	98
75) 1,3-Dichlorobenzene	17.01	146	2859169	8.902	ppbv	99
76) 1,4-Dichlorobenzene	17.15	146	2814346	8.884	ppbv	100
77) 1,2-Dichlorobenzene	17.82	146	2720503	8.930	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	2023874	7.893	ppbv	100
79) Naphthalene	22.20	128	3413799	10.754	ppbv	98
80) Naphthalene,2-methyl-	24.98	142	989696	13.641	ppbv	96
81) 1,2,4-Trichlorobenzene	21.93	180	2059108	10.103	ppbv	100

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

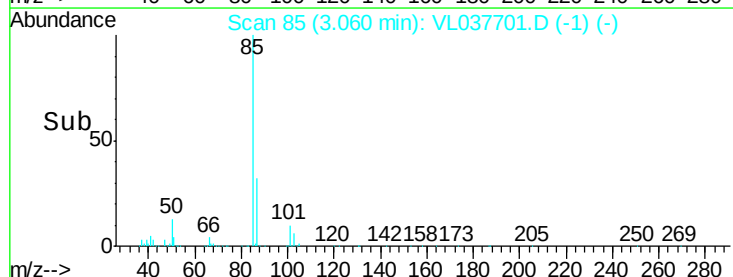
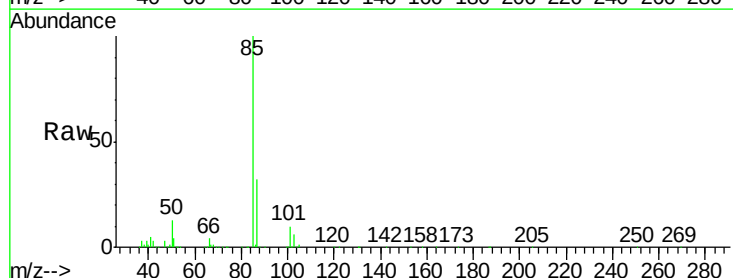
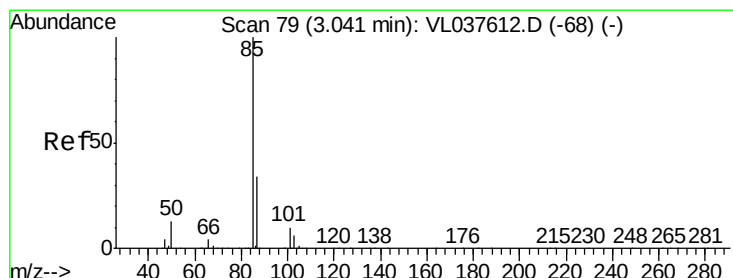
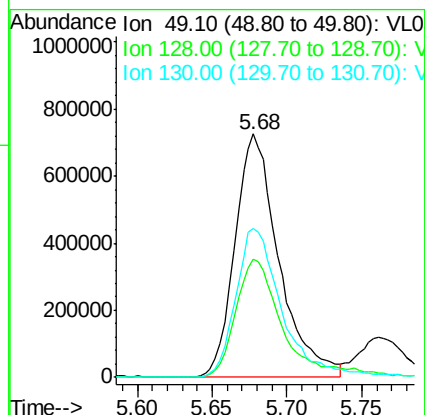


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:
 Ion Ratio
 49 100
 128 53.
 130 65.

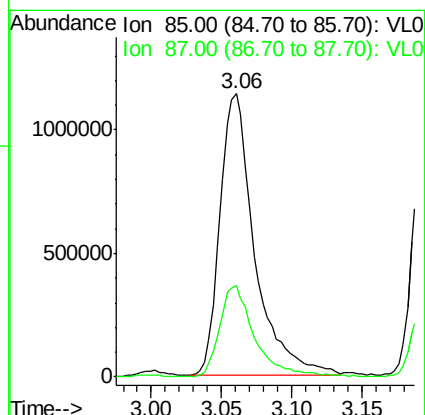
Manual Integrations
 APPROVED

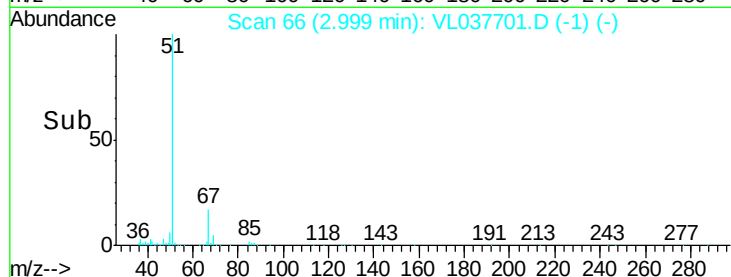
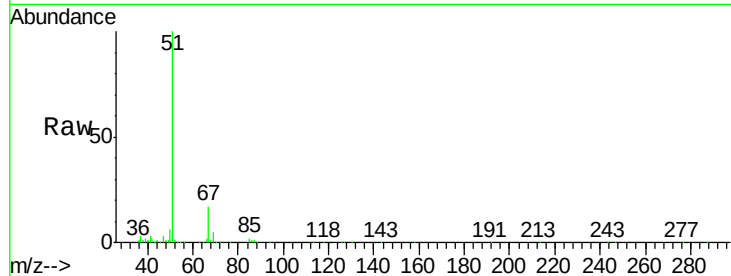
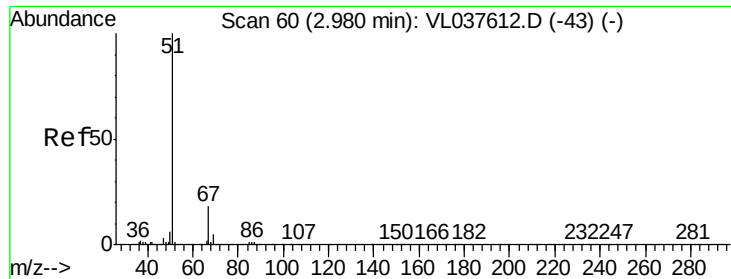
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#2
 Dichlorodifluoromethane
 Concen: 7.382 ppbv
 RT: 3.06 min Scan# 85
 Delta R.T. 0.02 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 85 Resp: 1968203
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.8 40.2



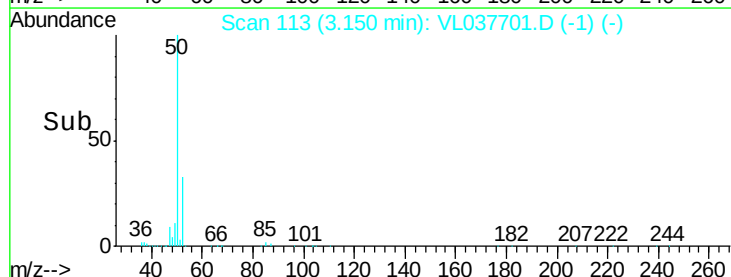
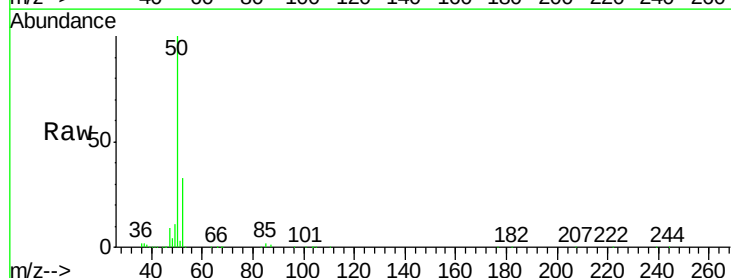
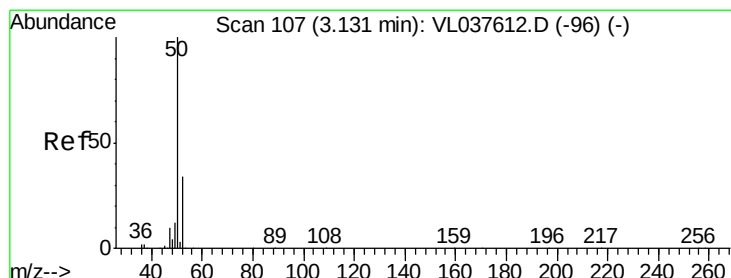
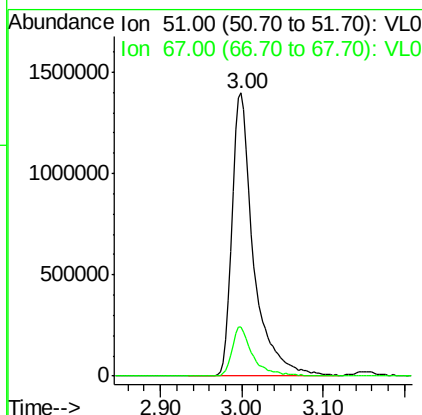


#3
Chlorodifluoromethane
Concen: 9.362 ppbv
RT: 3.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
51 100
67 17.

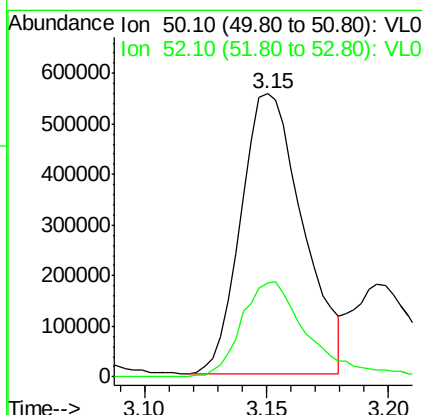
Manual Integrations
APPROVED

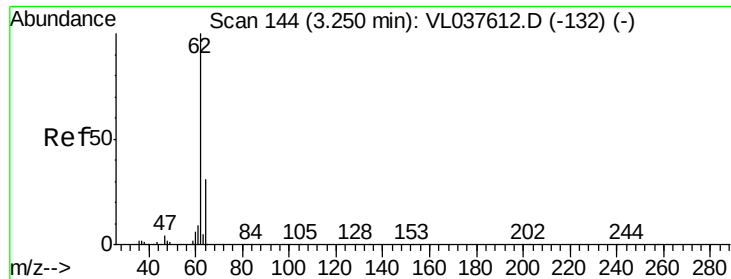
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#4
Chloromethane
Concen: 9.545 ppbv
RT: 3.15 min Scan# 113
Delta R.T. 0.02 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 50 Resp: 980100
Ion Ratio Lower Upper
50 100
52 33.6 27.1 40.7





#5

Vinyl Chloride

Concen: 10.270 ppbv

RT: 3.27

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

62 100

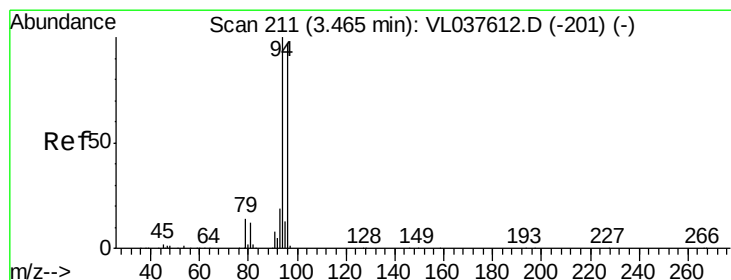
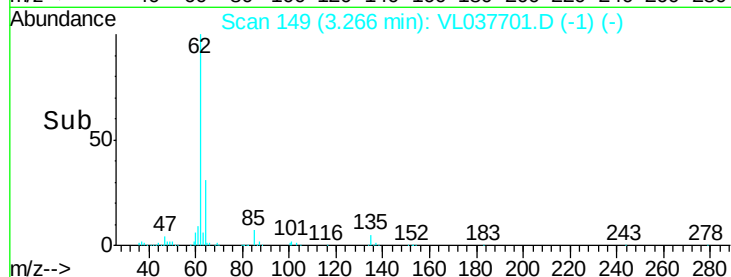
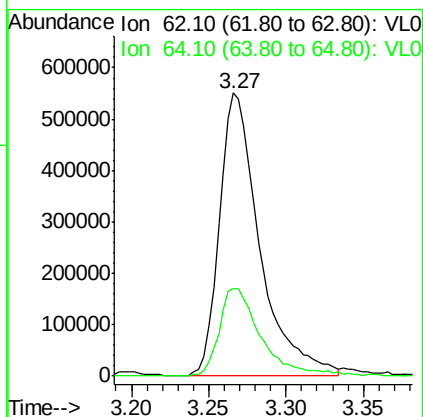
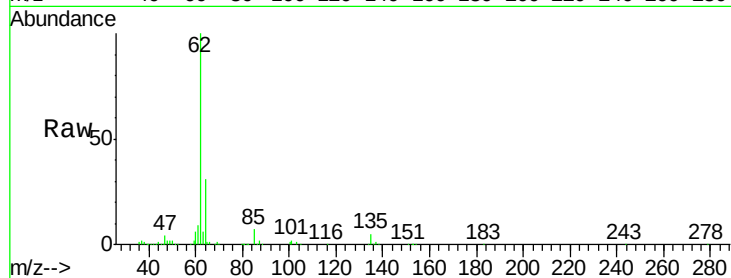
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#6

Bromomethane

Concen: 9.070 ppbv

RT: 3.48 min Scan# 217

Delta R.T. 0.02 min

Lab File: VL037701.D

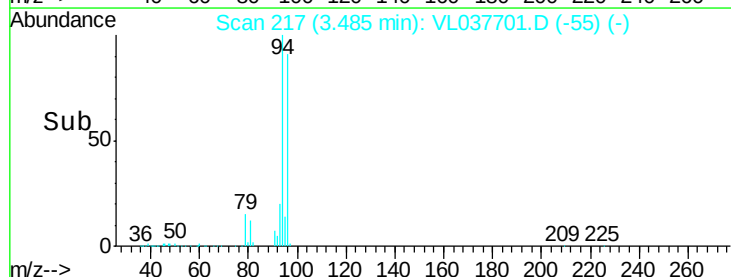
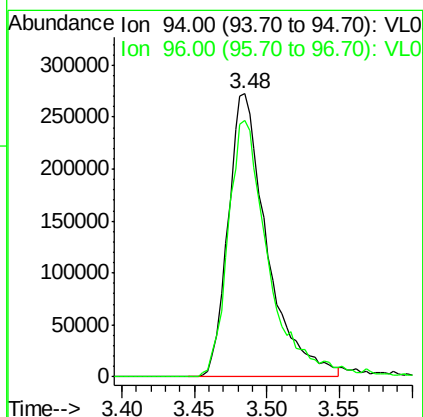
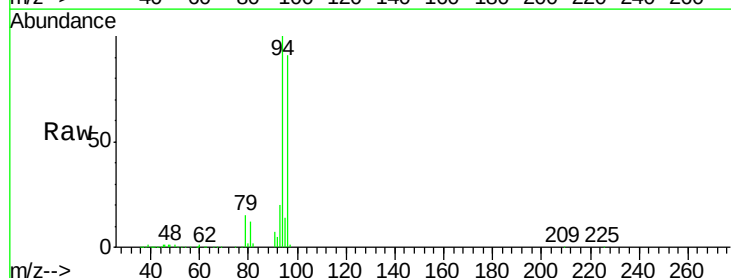
Acq: 28 Sep 2021 13:00

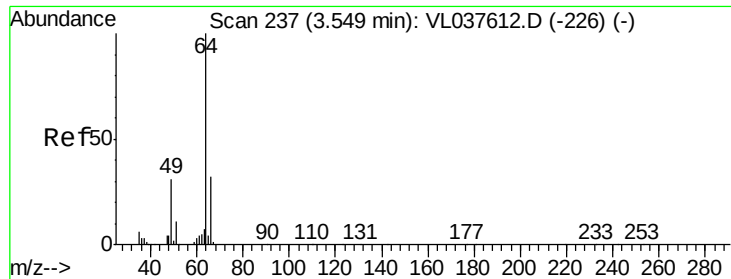
Tgt Ion: 94 Resp: 508408

Ion Ratio Lower Upper

94 100

96 90.5 77.3 115.9





#7

Chloroethane

Concen: 9.498 ppbv

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 13:00 VL0928ABS01

Tgt Ion:

Ion Ratio

64 100

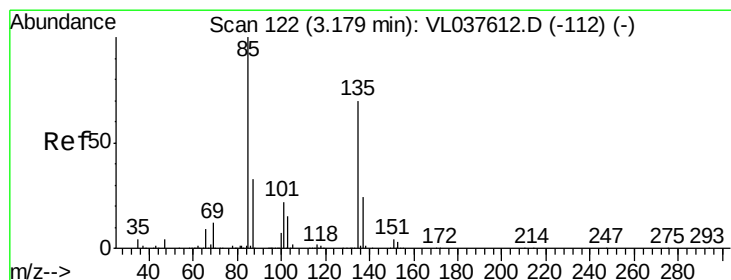
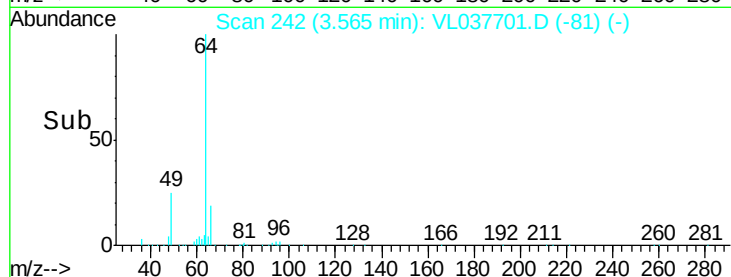
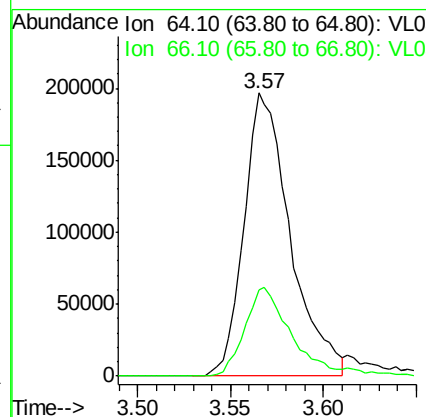
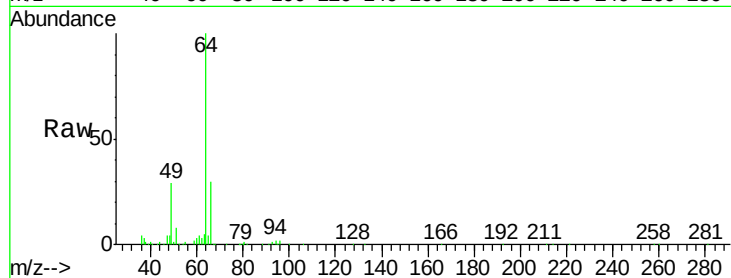
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#8

Dichlorotetrafluoroethane

Concen: 9.716 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.02 min

Lab File: VL037701.D

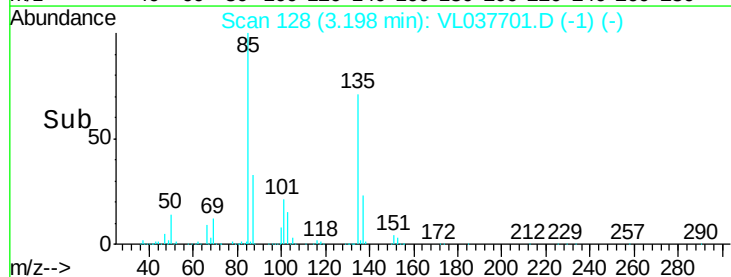
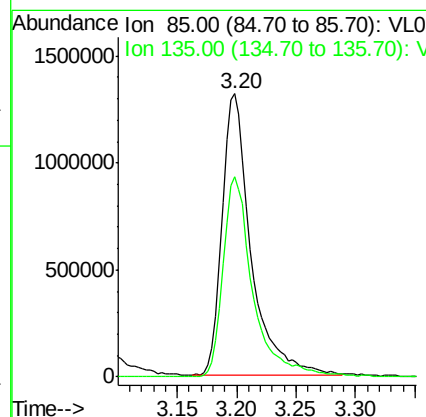
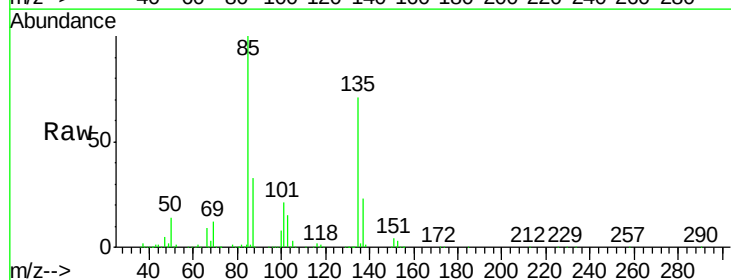
Acq: 28 Sep 2021 13:00

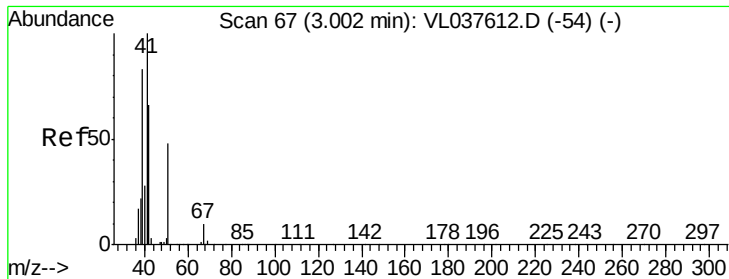
Tgt Ion: 85 Resp: 2234621

Ion Ratio Lower Upper

85 100

135 73.7 59.3 88.9





#9

Propene

Concen: 9.704 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

41 100

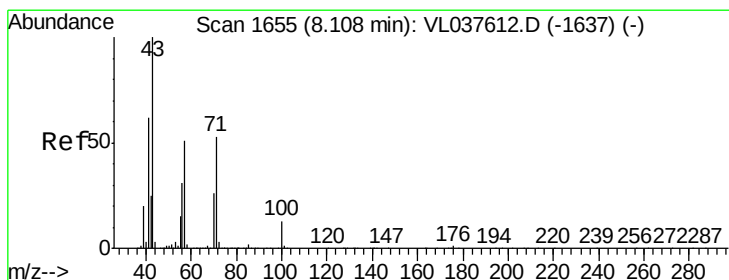
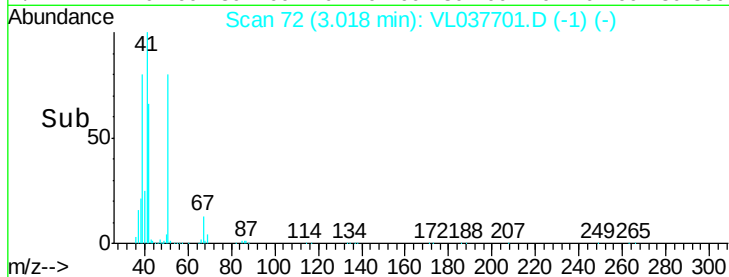
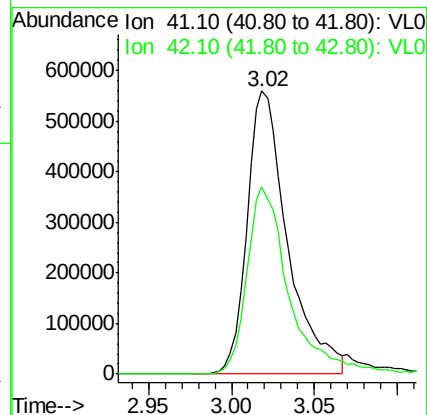
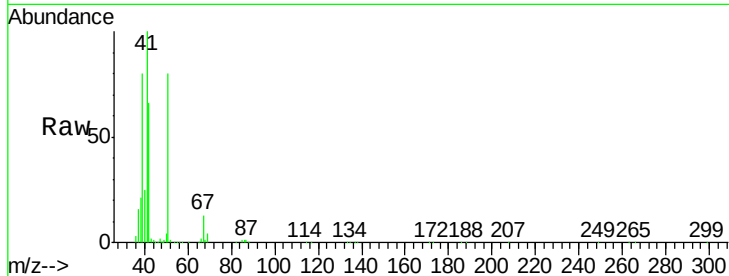
42 70.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#10

Heptane

Concen: 10.556 ppbv

RT: 8.13 min Scan# 1663

Delta R.T. 0.03 min

Lab File: VL037701.D

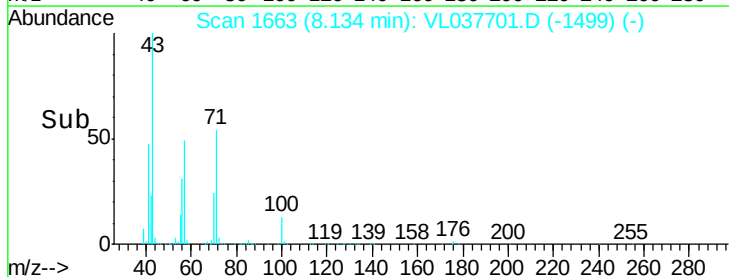
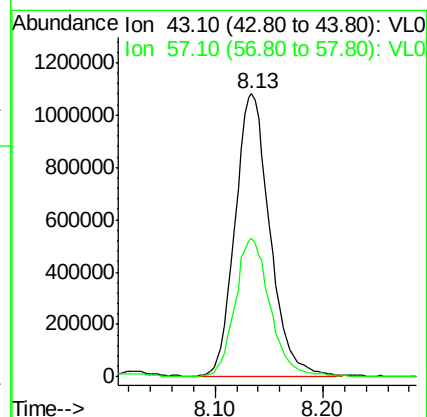
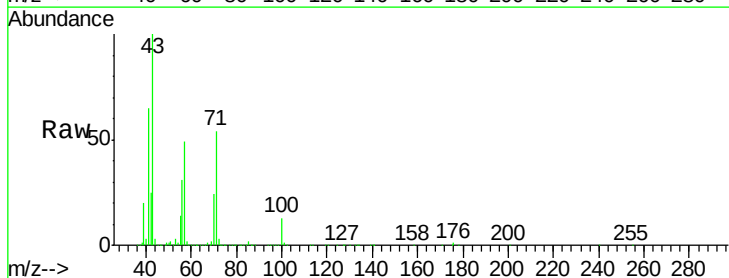
Acq: 28 Sep 2021 13:00

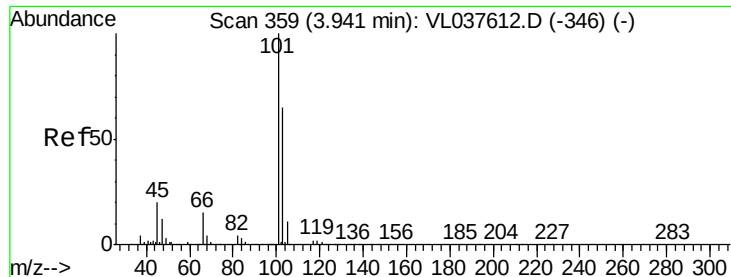
Tgt Ion: 43 Resp: 2414664

Ion Ratio Lower Upper

43 100

57 49.2 40.1 60.1



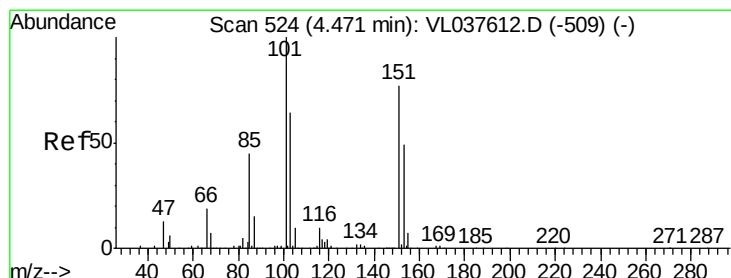
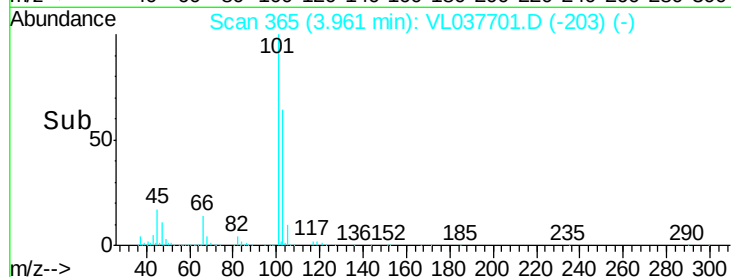
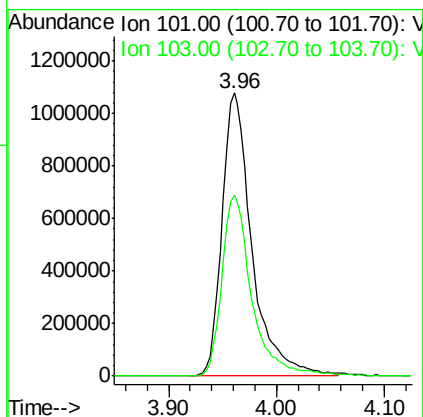
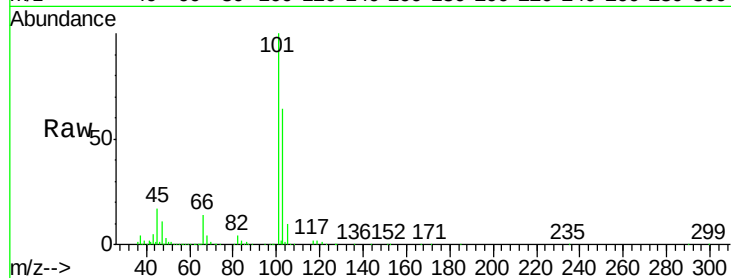


#11
 Trichlorofluoromethane
 Concen: 9.709 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:1
 Ion Ratio
 101 100
 103 64.

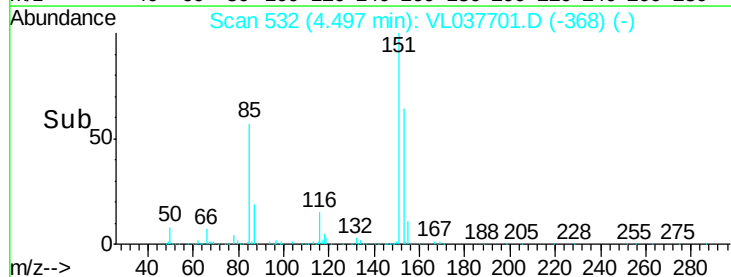
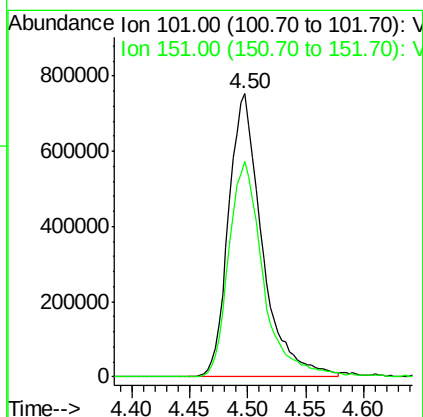
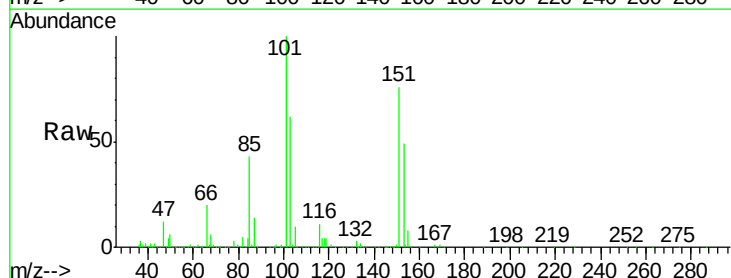
Manual Integrations
 APPROVED

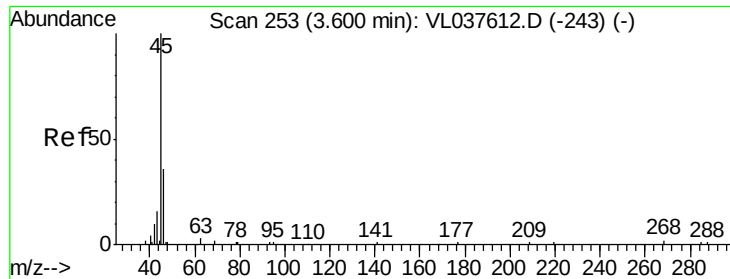
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.574 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:101 Resp: 1512639
 Ion Ratio Lower Upper
 101 100
 151 78.8 63.5 95.3



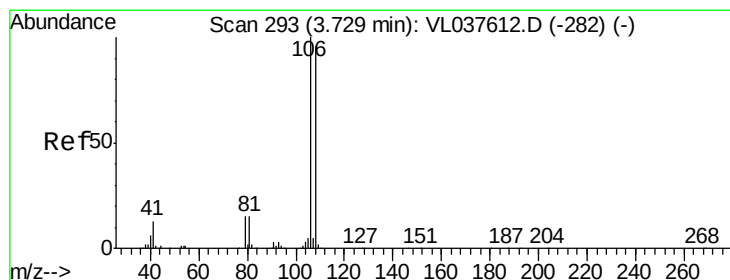
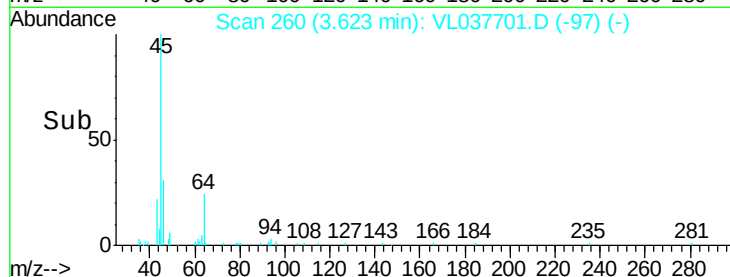
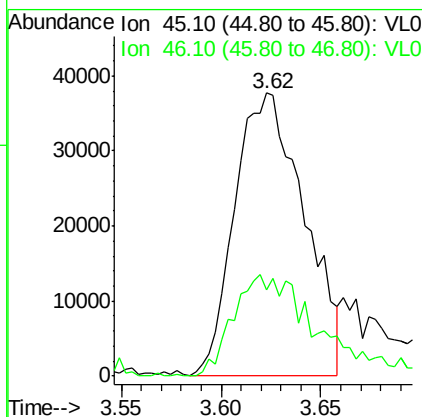
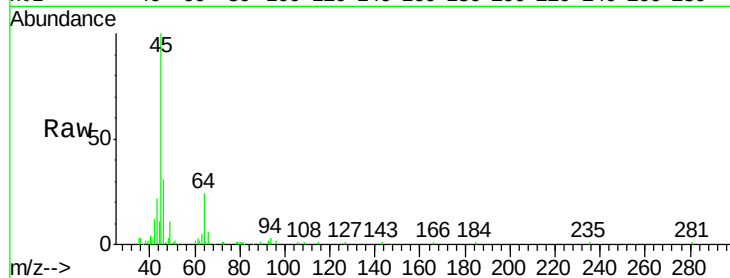


#13
Ethanol
Concen: 9.556 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
45 100
46 42.

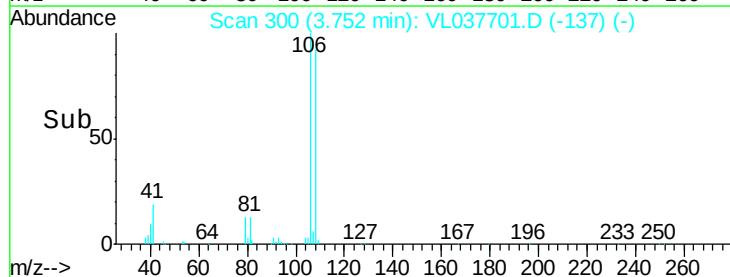
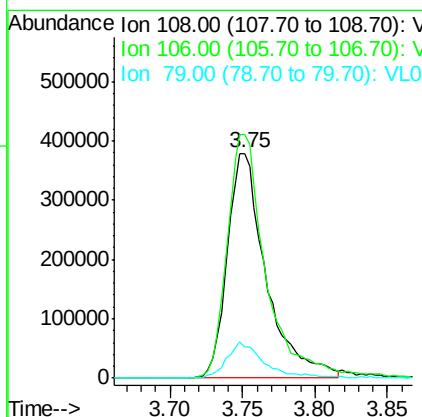
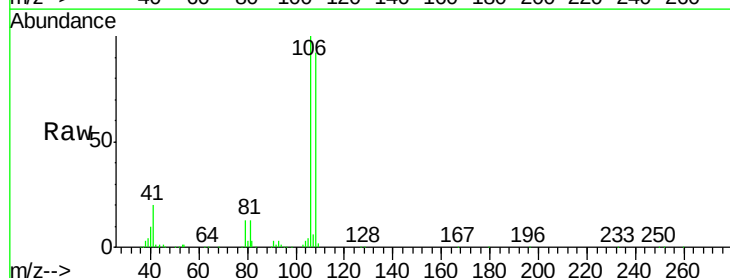
Manual Integrations
APPROVED

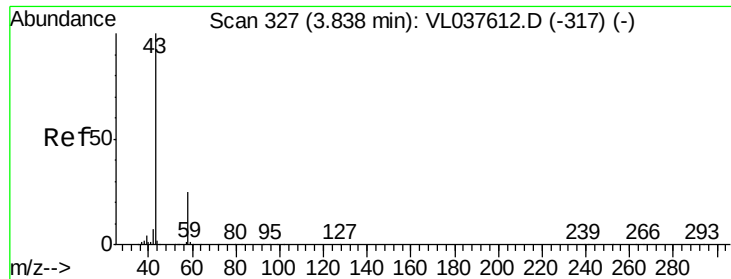
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#14
Bromoethene
Concen: 9.831 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.02 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion:108 Resp: 707013
Ion Ratio Lower Upper
108 100
106 109.9 88.2 132.4
79 16.1 12.8 19.2



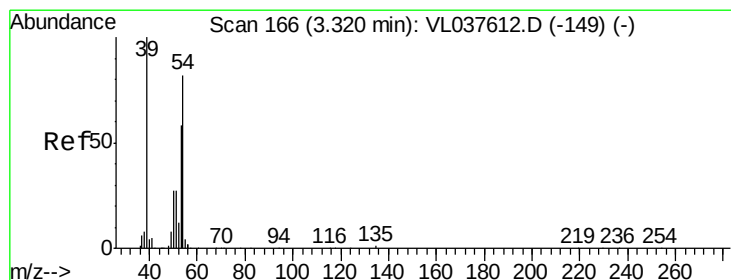
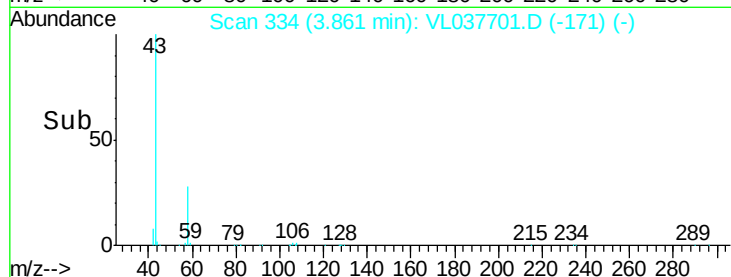
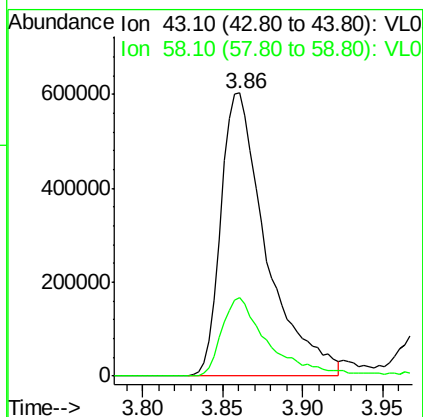
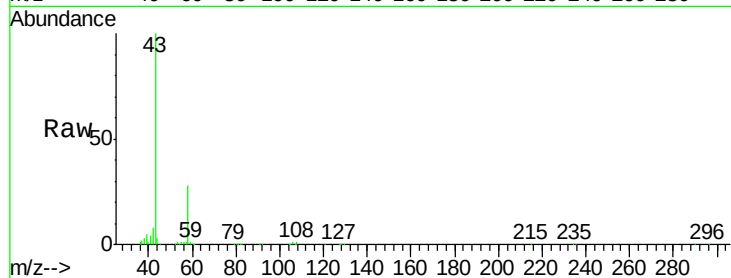


#15
Acetone
Concen: 7.672 ppbv
RT: 3.86
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
43 100
58 28.

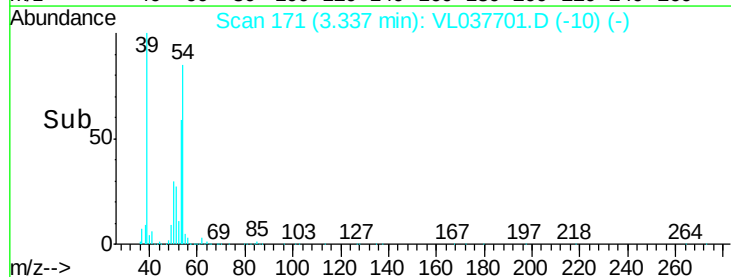
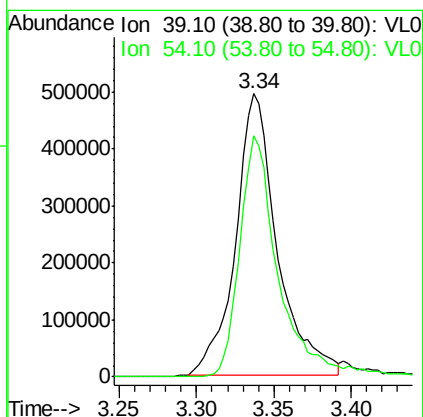
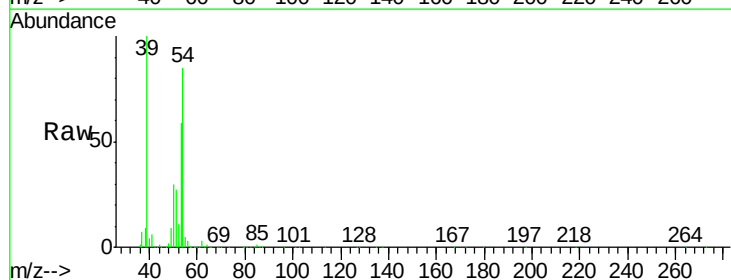
Manual Integrations
APPROVED

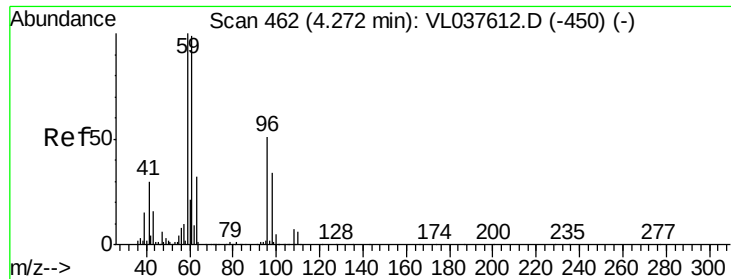
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#16
1,3-Butadiene
Concen: 9.678 ppbv
RT: 3.34 min Scan# 171
Delta R.T. 0.02 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 39 Resp: 925735
Ion Ratio Lower Upper
39 100
54 80.7 62.6 93.8



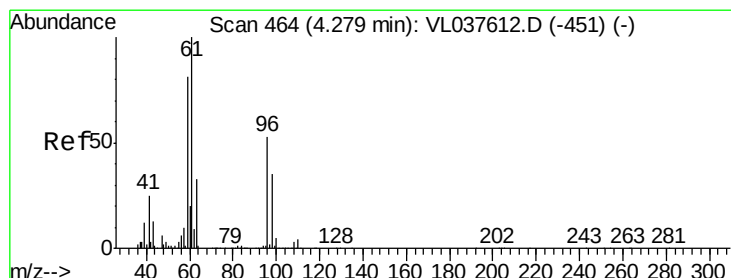
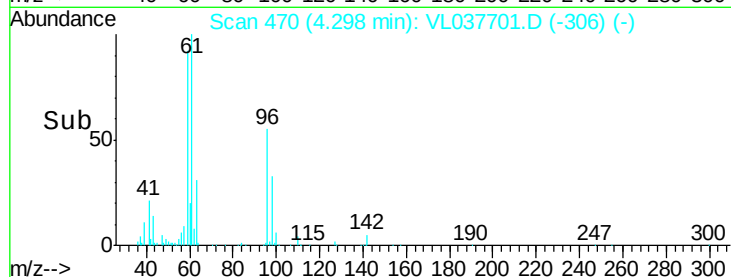
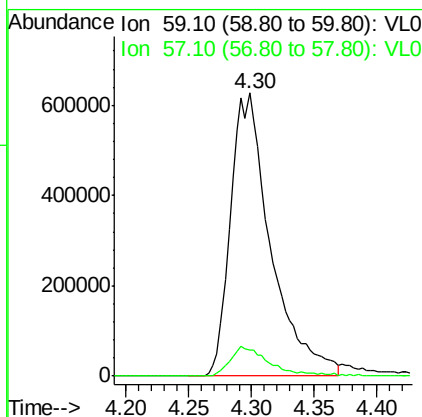
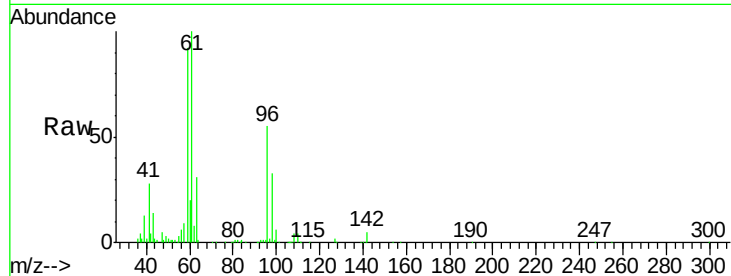


#17
 tert-Butyl alcohol
 Concen: 10.771 ppbv
 RT: 4.30 min
 Instrument: MSVOA_1
 Delta R.T.: 0.02 min
 Lab File: VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion: 59
 Ion Ratio: 100
 57 10.

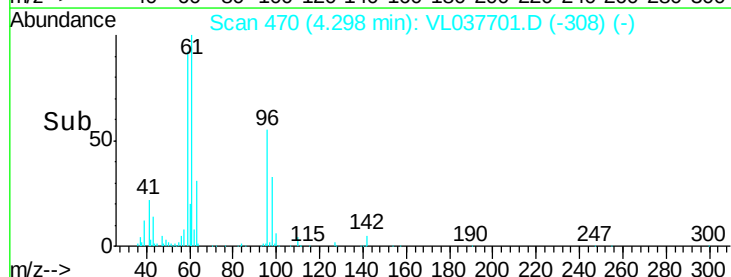
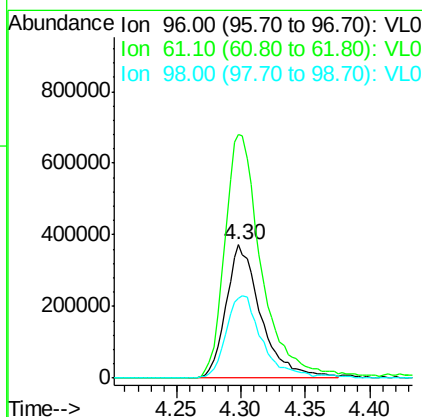
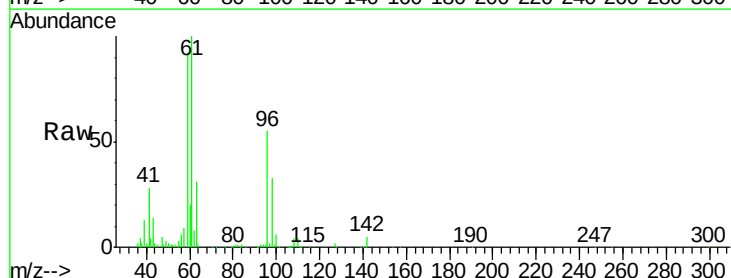
Manual Integrations
 APPROVED

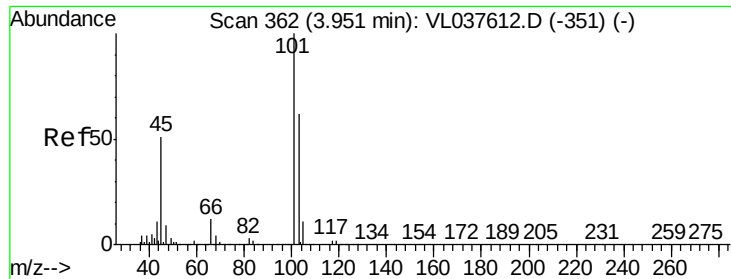
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#18
 1,1-Dichloroethene
 Concen: 9.560 ppbv
 RT: 4.30 min Scan# 470
 Delta R.T.: 0.02 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 96 Resp: 703653
 Ion Ratio Lower Upper
 96 100
 61 182.7 150.4 225.6
 98 59.6 52.1 78.1





#19

Isopropyl Alcohol

Concen: 9.768 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

45 100

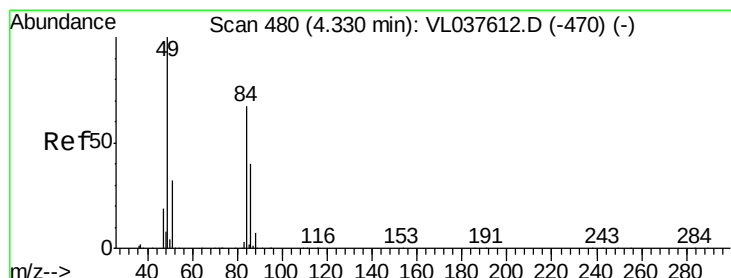
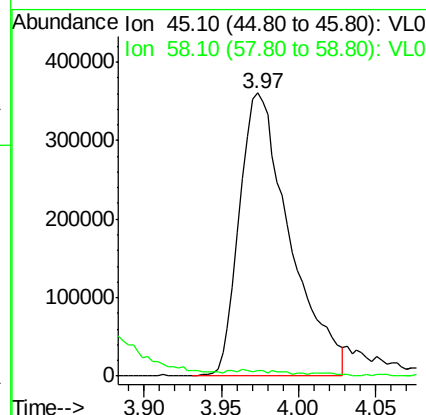
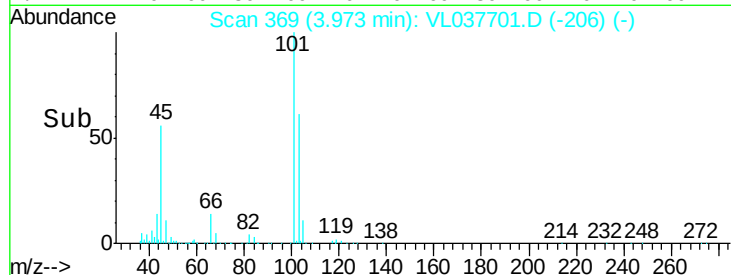
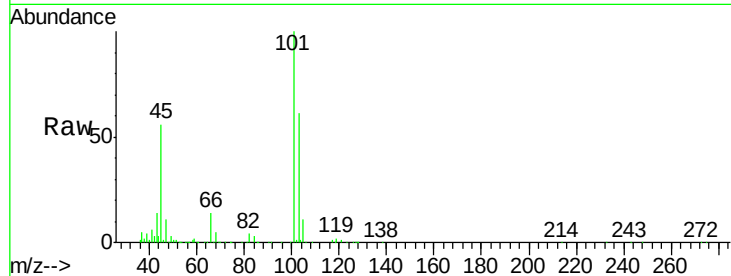
58 2.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#20

Methylene Chloride

Concen: 8.241 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion: 84 Resp: 602307

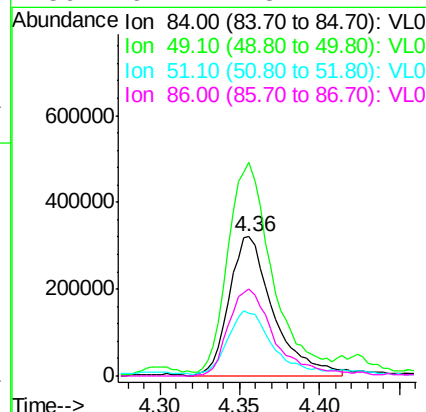
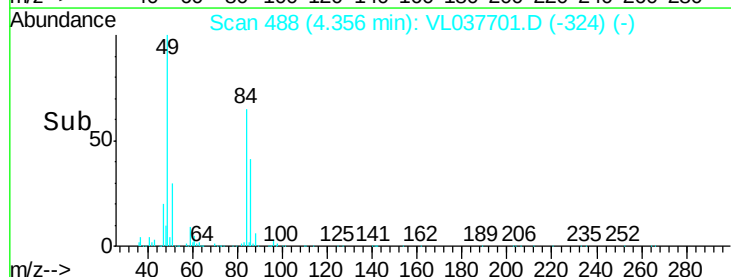
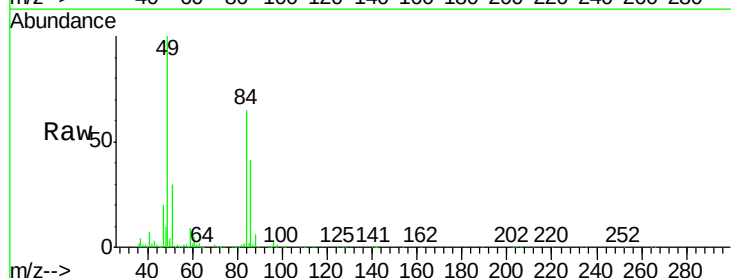
Ion Ratio Lower Upper

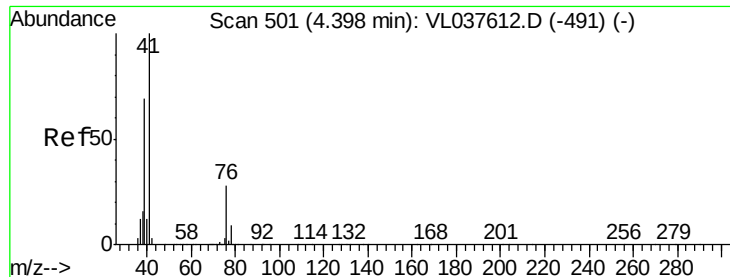
84 100

49 151.4 120.0 180.0

51 44.8 38.0 57.0

86 62.4 48.2 72.2



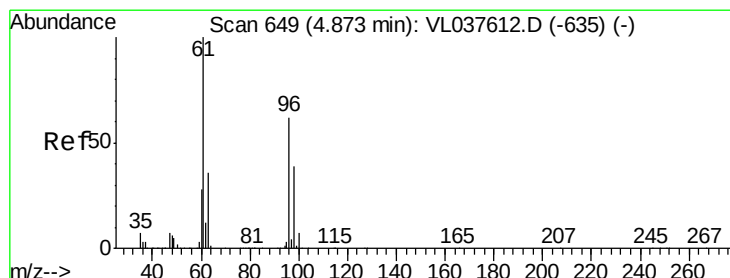
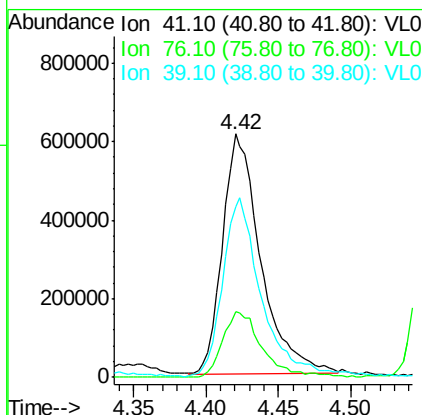
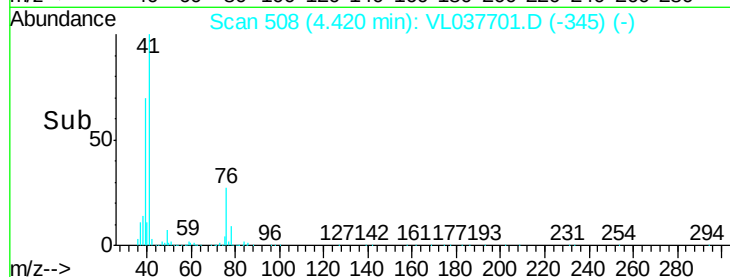
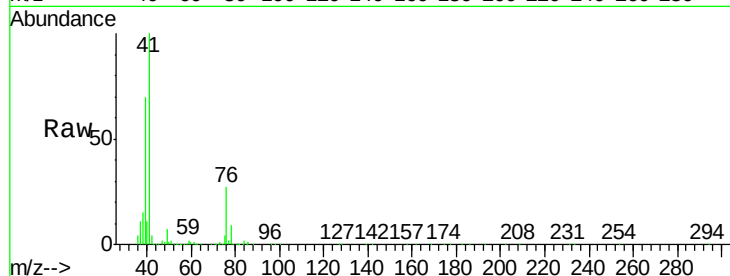


#21
 Allyl Chloride
 Concen: 9.799 ppbv
 RT: 4.42
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:
 Ion Ratio
 41 100
 76 28.
 39 75.

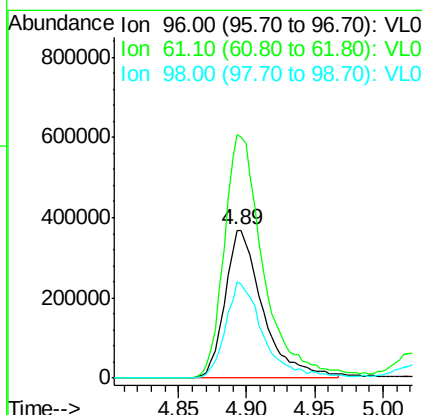
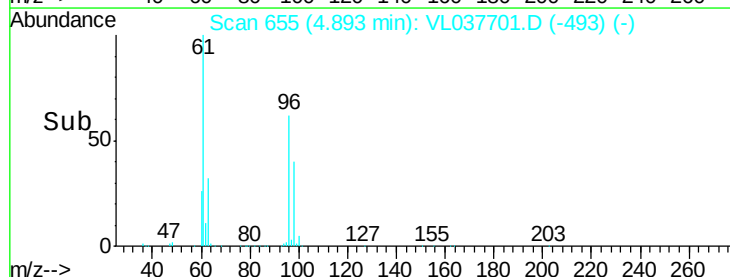
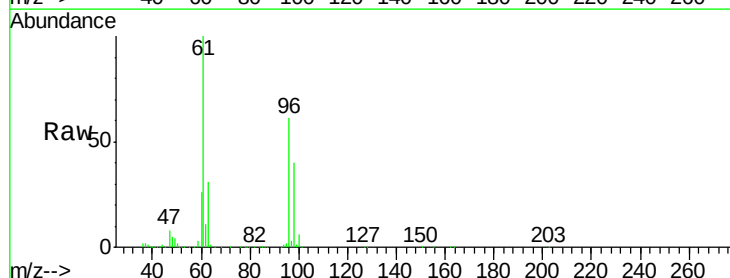
Manual Integrations
 APPROVED

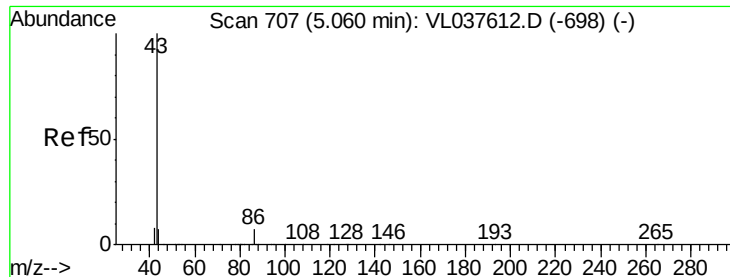
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.580 ppbv
 RT: 4.89 min Scan# 655
 Delta R.T. 0.02 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 96 Resp: 709454
 Ion Ratio Lower Upper
 96 100
 61 164.6 129.2 193.8
 98 65.1 50.4 75.6





#23

Vinyl Acetate

Concen: 10.778 ppbv

RT: 5.08 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0928ABS01

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

43 100

86 7.

42 9.

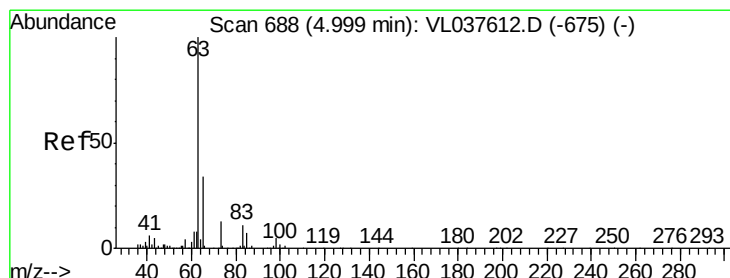
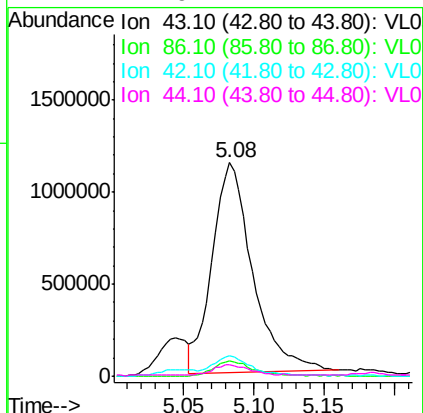
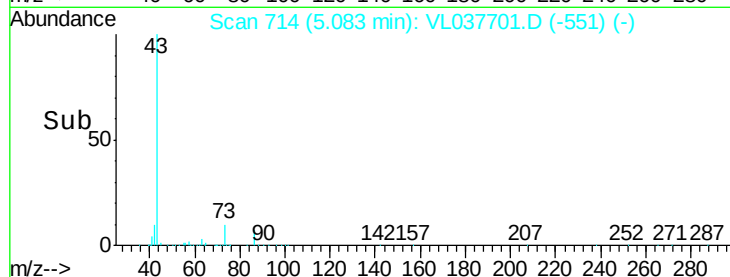
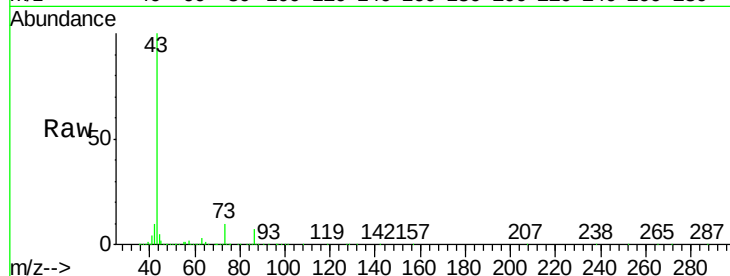
44 4.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#24

1,1-Dichloroethane

Concen: 9.858 ppbv

RT: 5.02 min Scan# 695

Delta R.T. 0.02 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion: 63 Resp: 1495904

Ion Ratio Lower Upper

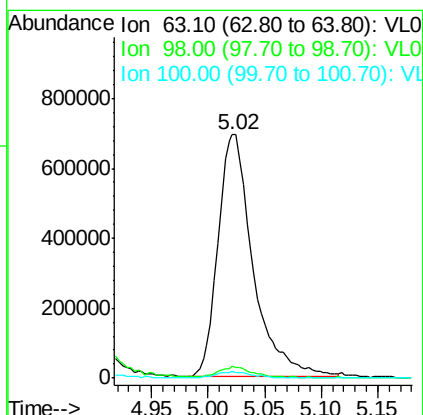
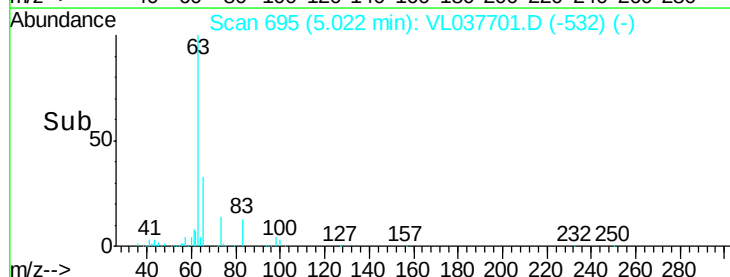
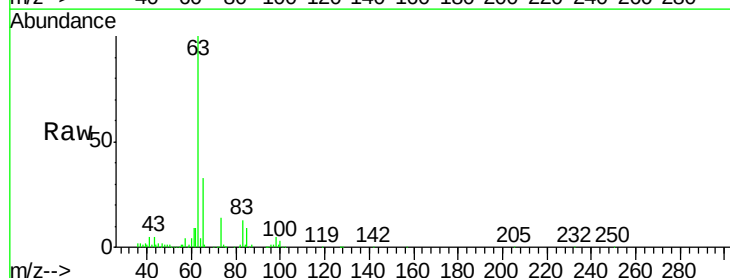
63 100

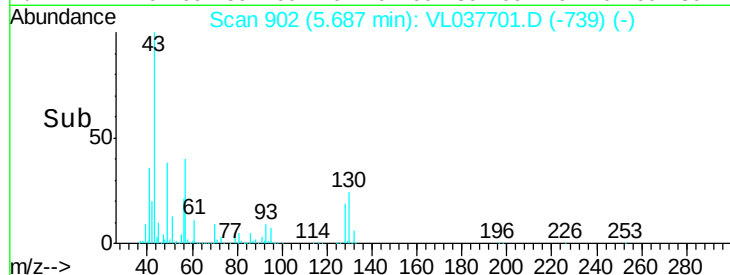
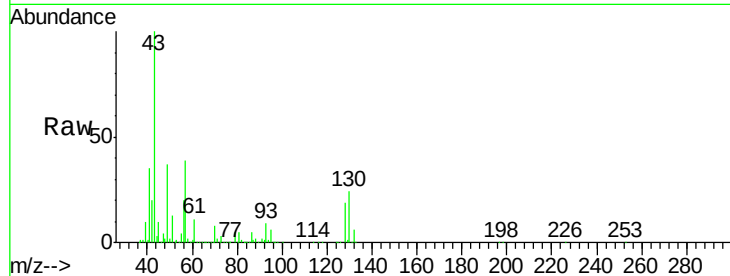
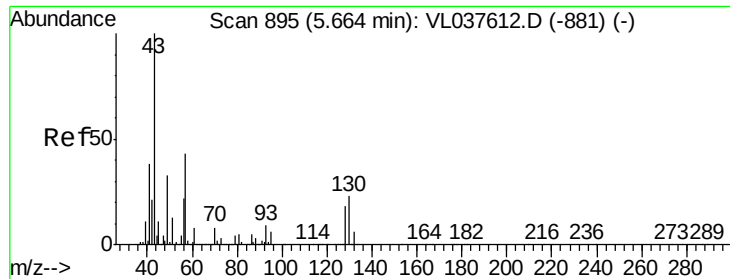
98 4.2

100 2.8

2.4 7.2

1.1 3.5



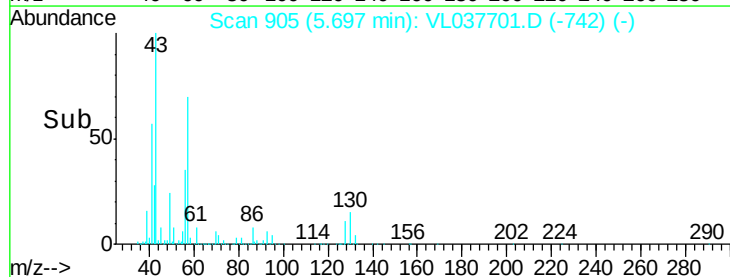
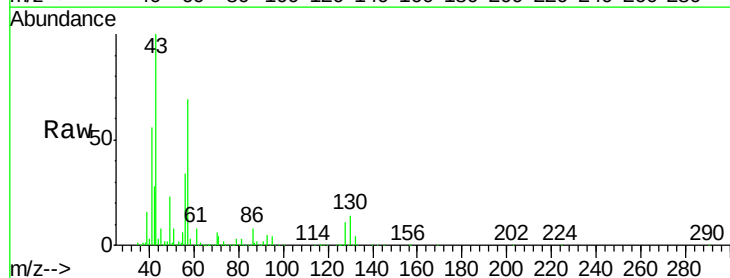
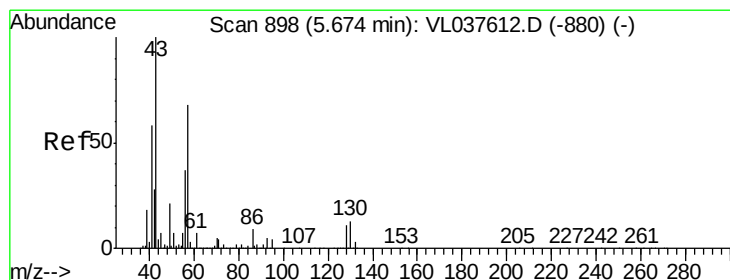
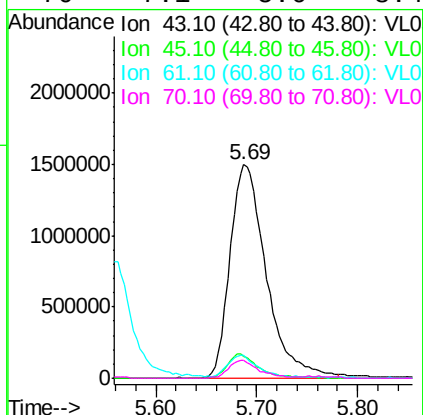


#25
Ethyl Acetate
Concen: 10.068 ppbv
RT: 5.69
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId : VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion: 43
Ion Ratio: 100
45 10.
61 9.
70 7.1 5.6 8.4

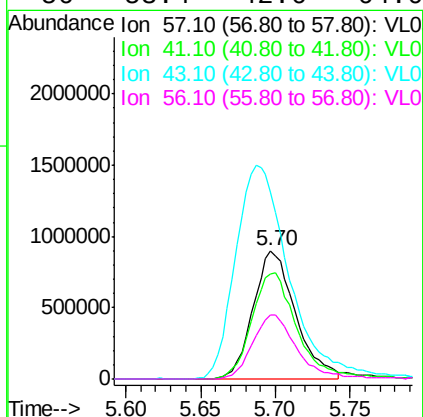
Manual Integrations APPROVED

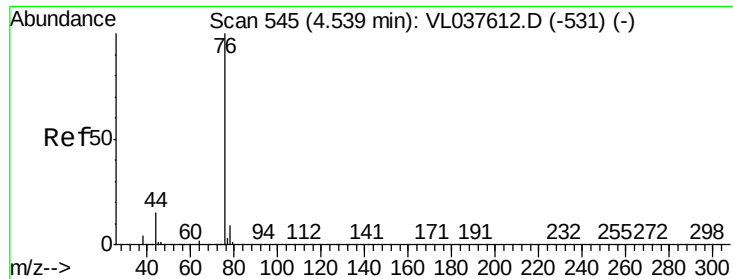
Reviewed By : Semsettin Yesilyurt 09/29/2021
Supervised By : Amit Patel 10/01/2021



#26
Hexane
Concen: 10.015 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.02 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 57 Resp: 1763774
Ion Ratio Lower Upper
57 100
41 90.6 70.9 106.3
43 213.4 170.4 255.6
56 53.4 42.6 64.0





#27

Carbon Disulfide

Concen: 10.628 ppbv

RT: 4.56 Instrument: MSVOA_1

Delta R.T. 0.02 min

Lab File: VL0928ABS01

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

76 100

44 17.

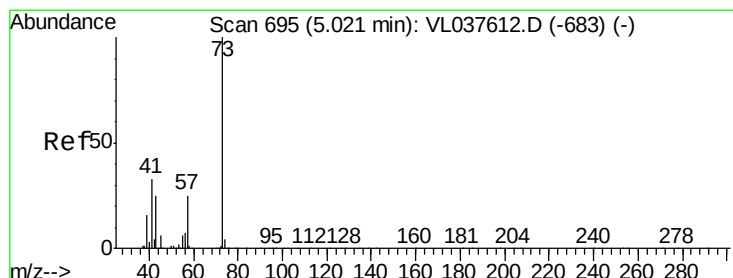
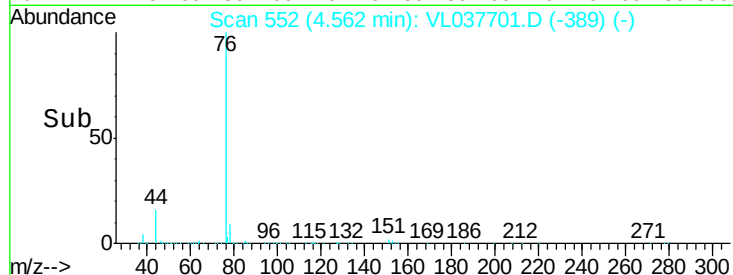
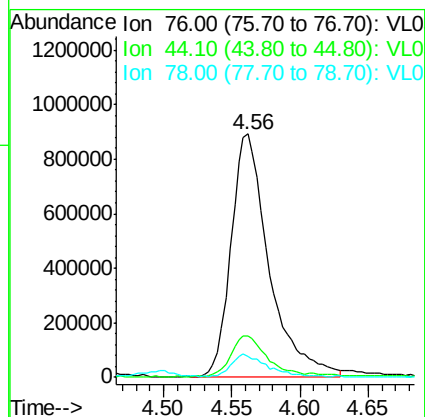
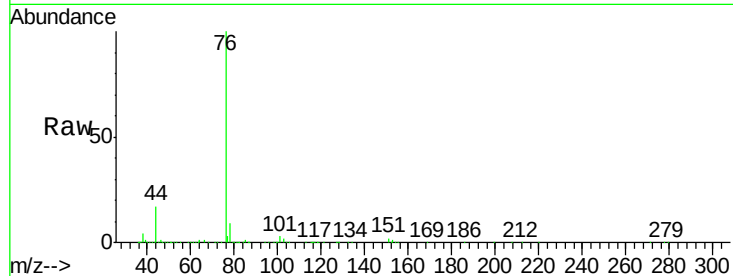
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#28

Methyl tert-Butyl Ether

Concen: 11.271 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.02 min

Lab File: VL037701.D

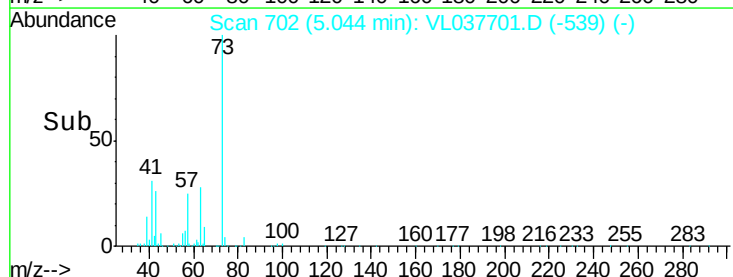
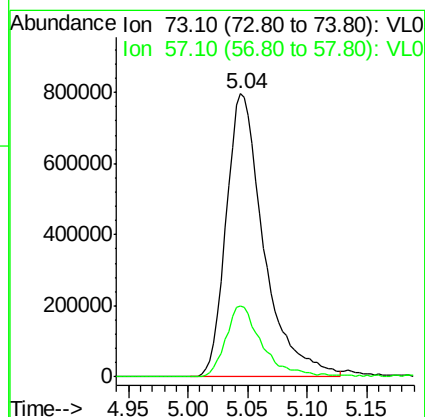
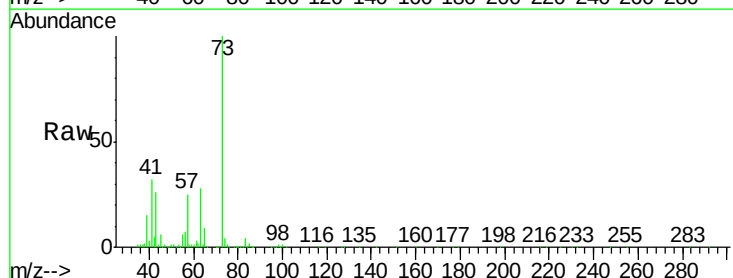
Acq: 28 Sep 2021 13:00

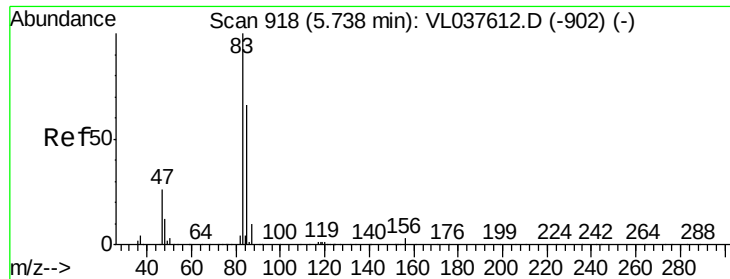
Tgt Ion: 73 Resp: 1748343

Ion Ratio Lower Upper

73 100

57 24.7 20.1 30.1



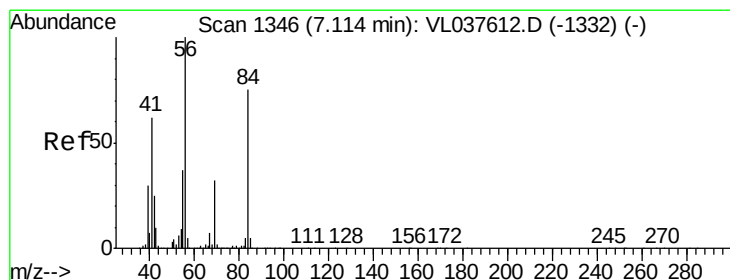
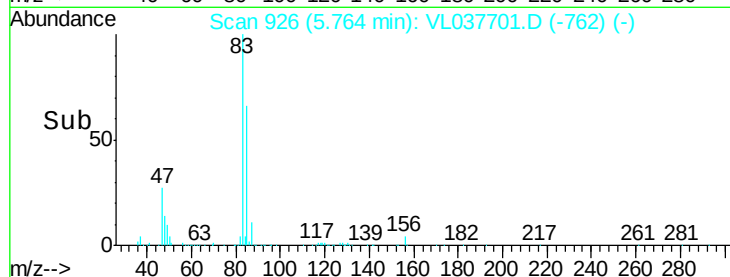
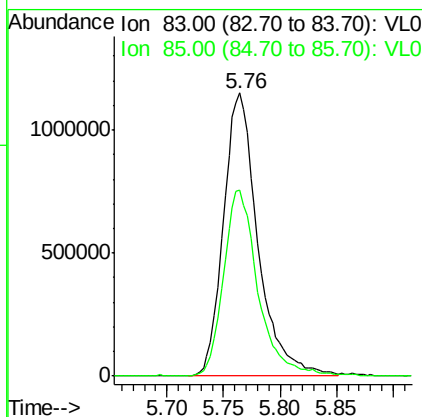
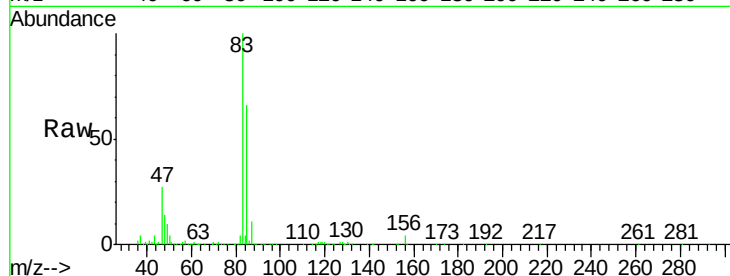


#29
Chloroform
Concen: 9.476 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
83 100
85 65.

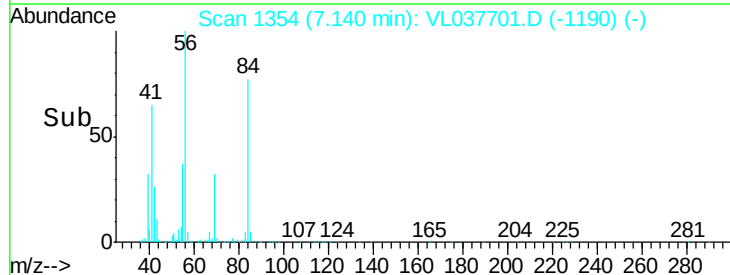
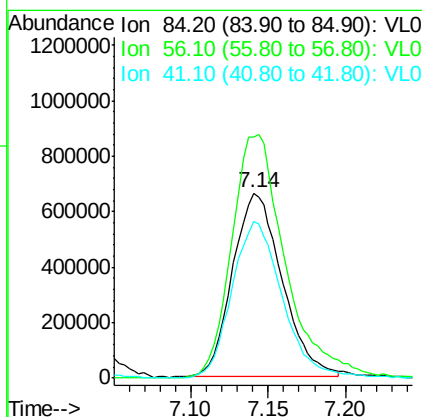
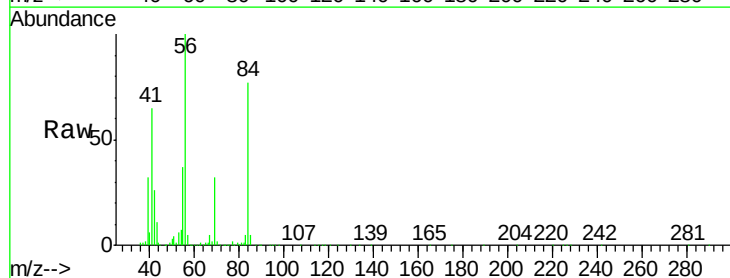
Manual Integrations
APPROVED

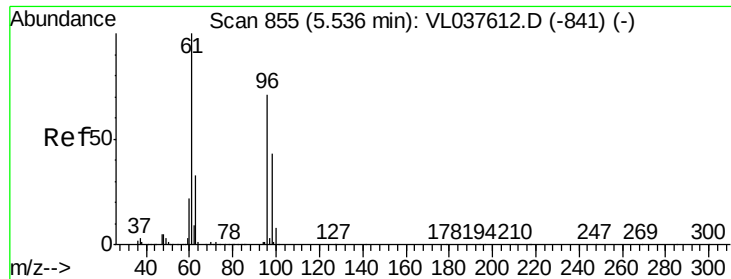
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#30
Cyclohexane
Concen: 9.742 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 84 Resp: 1467472
Ion Ratio Lower Upper
84 100
56 145.3 113.6 170.4
41 87.6 67.9 101.9





#31

cis-1,2-Dichloroethene

Concen: 10.434 ppbv

RT: 5.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 13:00 VL0928ABS01

Tgt Ion:

Ion Ratio

61 100

96 67.

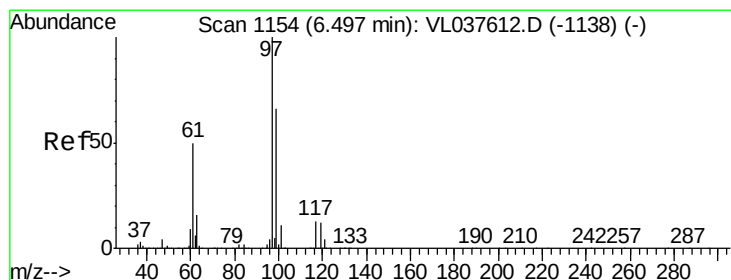
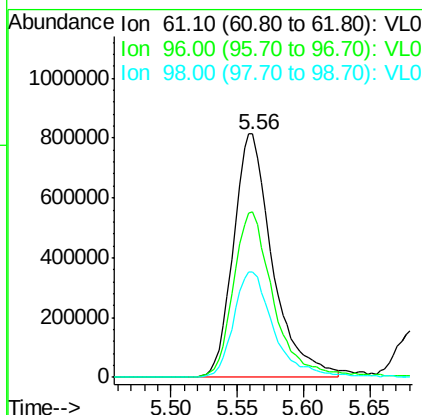
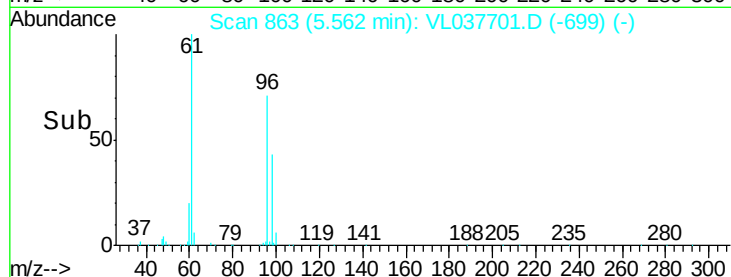
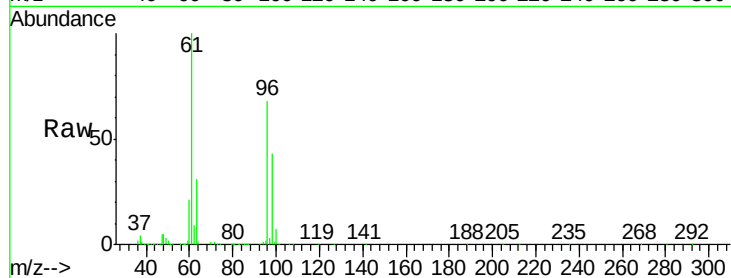
98 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#32

1,1,1-Trichloroethane

Concen: 9.741 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

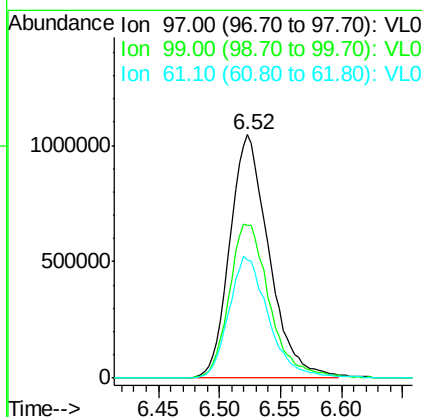
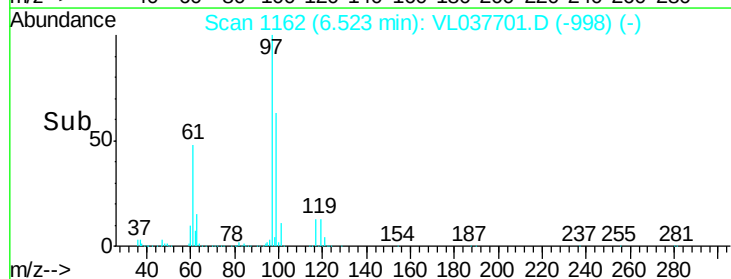
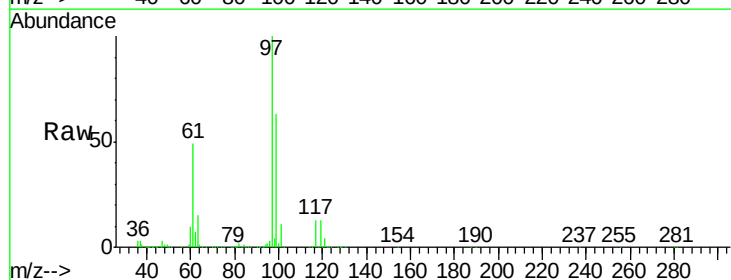
Tgt Ion: 97 Resp: 2332209

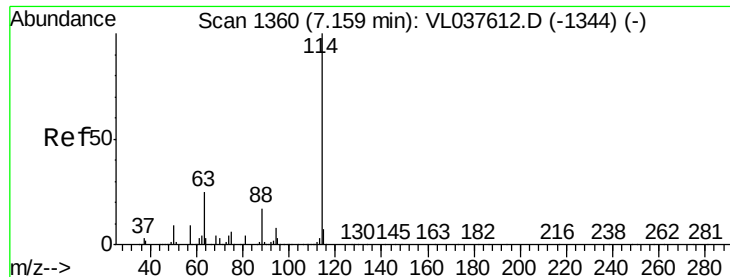
Ion Ratio Lower Upper

97 100

99 65.4 52.3 78.5

61 50.8 39.5 59.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19

Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VL0928ABS01

Acq: 28 Sep 2021 13:00

Tgt Ion: 1

Ion Ratio

114 100

63 23.

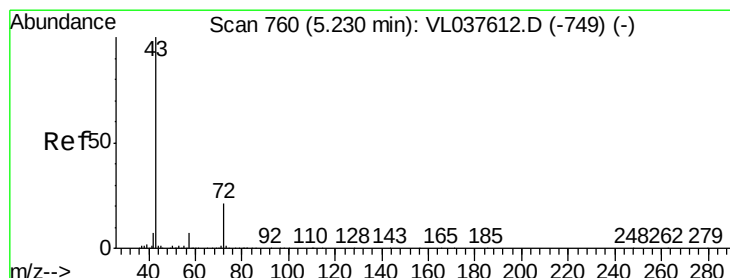
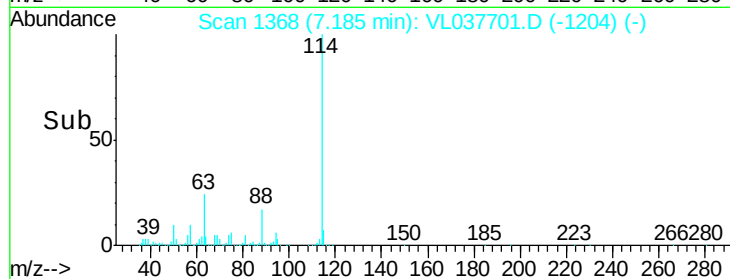
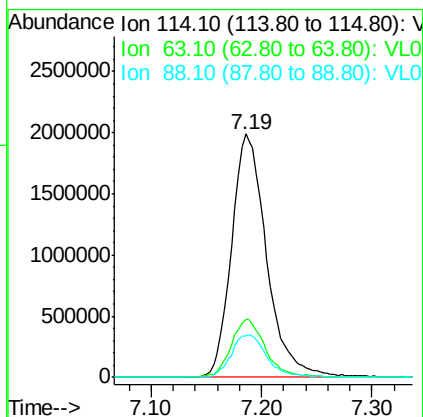
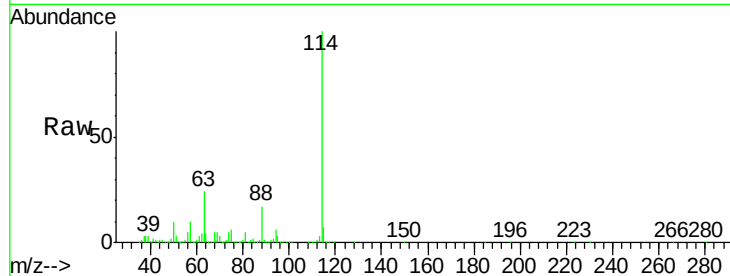
88 18.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#34

2-Butanone

Concen: 9.463 ppbv

RT: 5.25 min Scan# 767

Delta R.T. 0.02 min

Lab File: VL037701.D

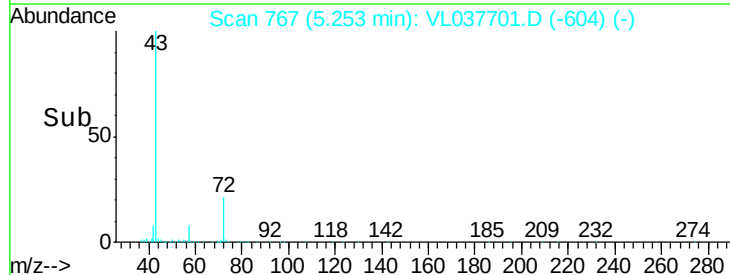
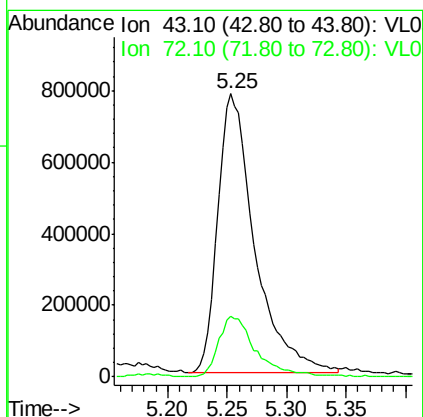
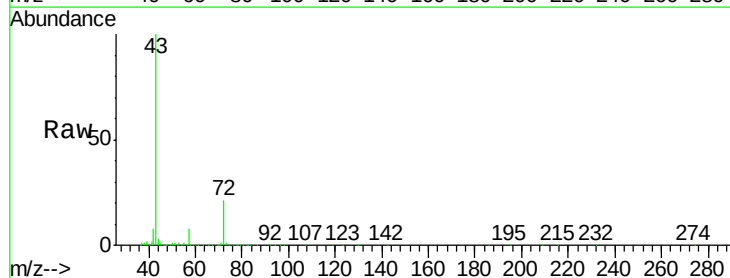
Acq: 28 Sep 2021 13:00

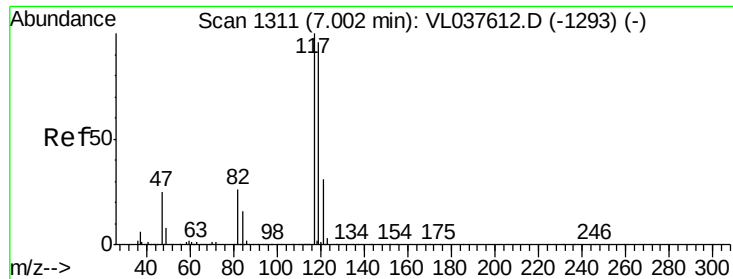
Tgt Ion: 43 Resp: 1680406

Ion Ratio Lower Upper

43 100

72 21.6 18.4 27.6



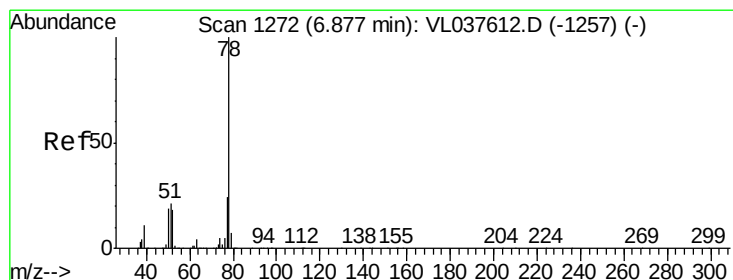
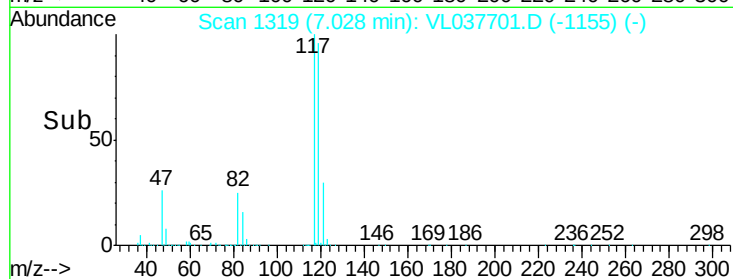
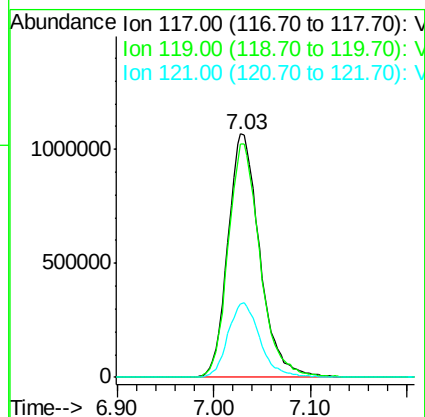
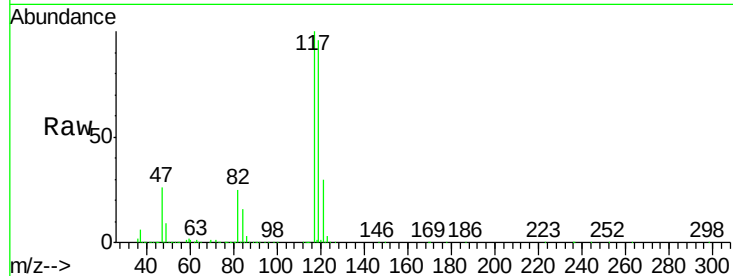


#35
Carbon Tetrachloride
Concen: 9.880 ppbv
RT: 7.03
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion: 117
Ion Ratio: 100
117 100
119 95.
121 30.

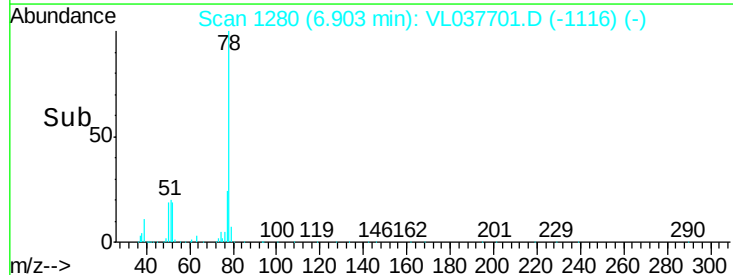
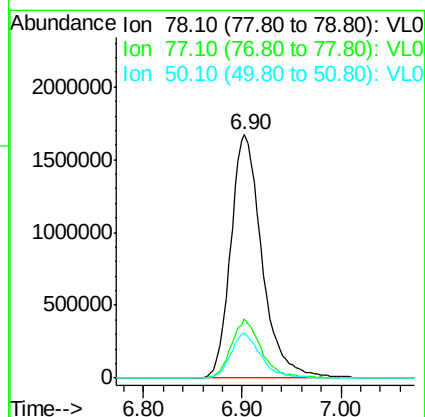
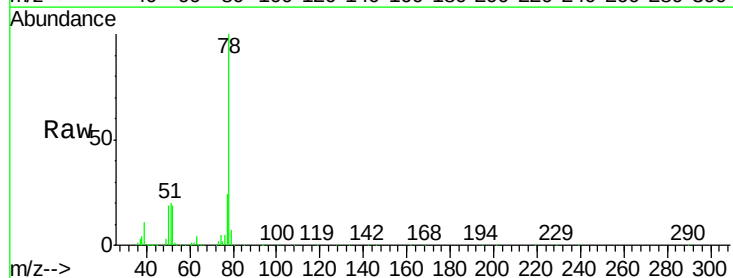
Manual Integrations
APPROVED

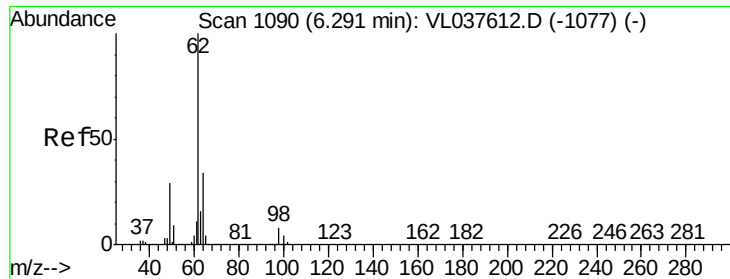
Reviewed By : Semsettin Yesilyurt 09/29/2021
Supervised By : Amit Patel 10/01/2021



#36
Benzene
Concen: 10.138 ppbv
RT: 6.90 min Scan# 1280
Delta R.T.: 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 78 Resp: 3694116
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4
50 18.5 14.8 22.2



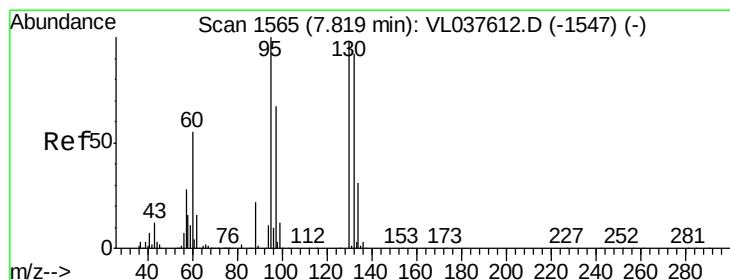
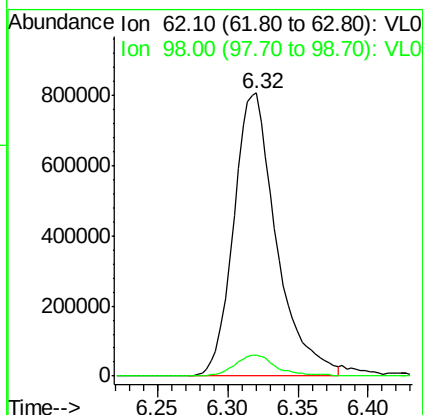
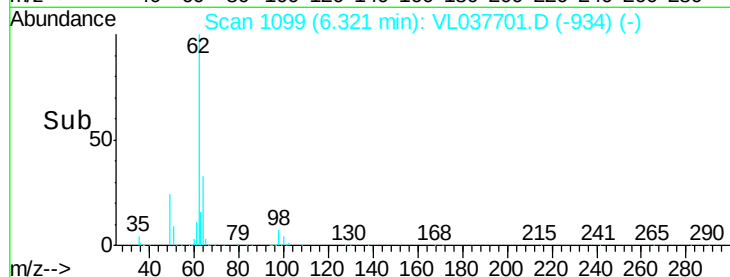
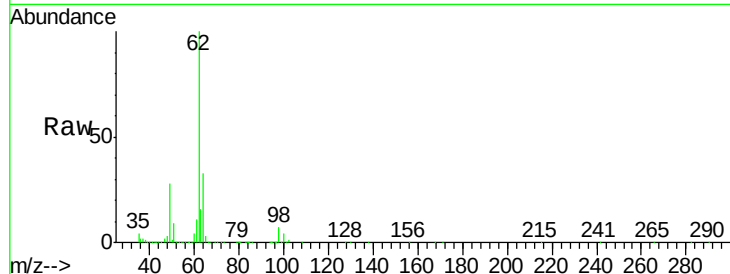


#37
 1,2-Dichloroethane
 Concen: 9.558 ppbv
 RT: 6.32
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

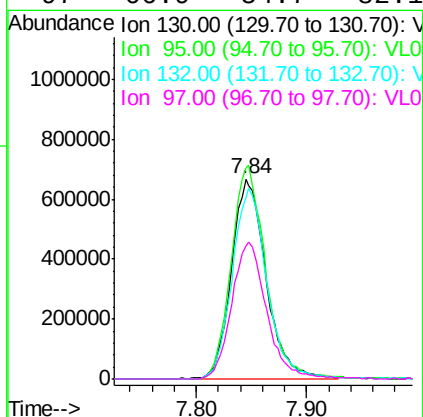
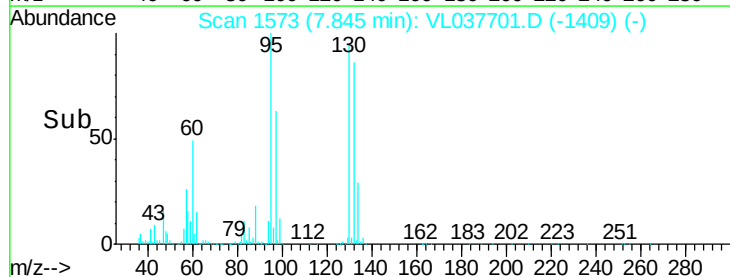
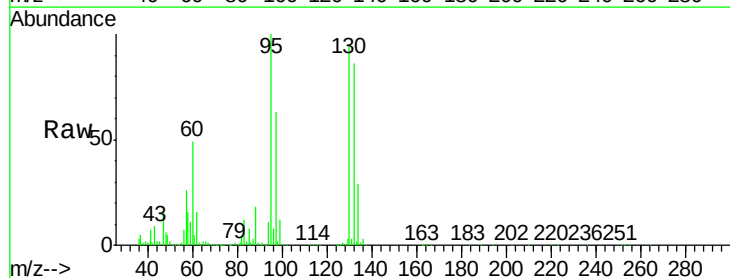
Manual Integrations
 APPROVED

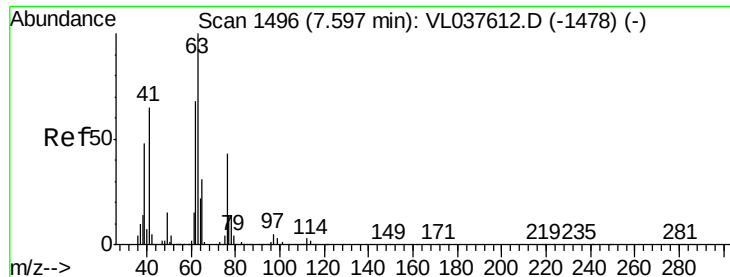
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#38
 Trichloroethene
 Concen: 9.462 ppbv
 RT: 7.84 min Scan# 1573
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:130 Resp: 1440316
 Ion Ratio Lower Upper
 130 100
 95 105.4 81.8 122.6
 132 91.0 75.3 112.9
 97 66.9 54.7 82.1





#39

1,2-Dichloropropane

Concen: 10.006 ppbv

RT: 7.62 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

63 100

41 67.

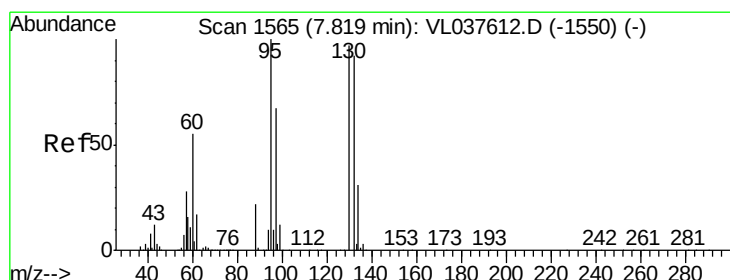
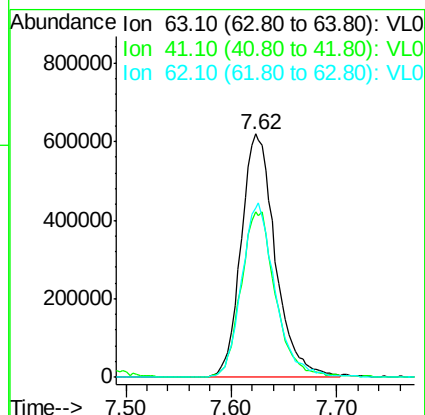
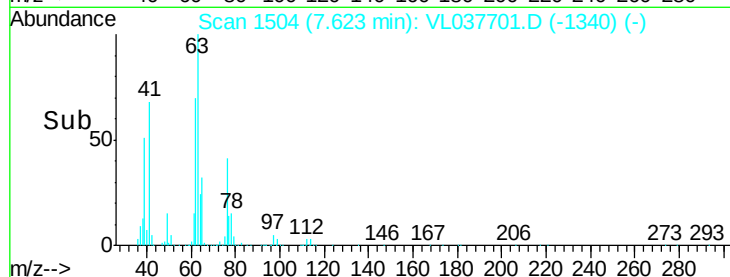
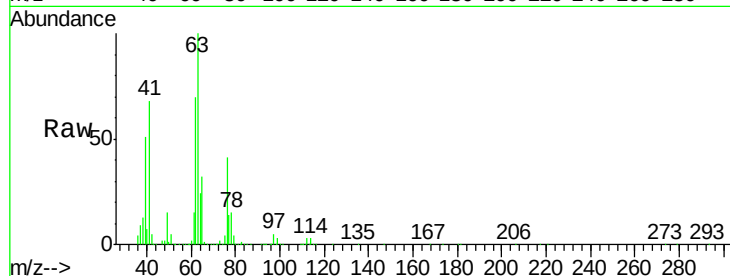
62 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#40

1,4-Dioxane

Concen: 10.077 ppbv

RT: 7.85 min Scan# 1575

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion: 88 Resp: 342131

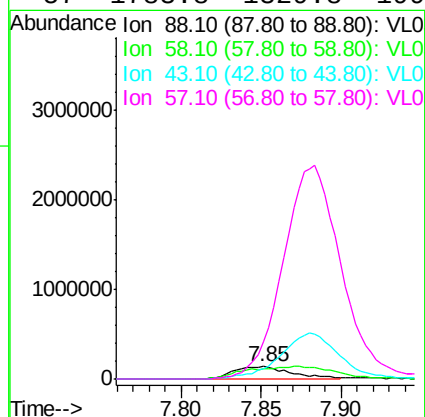
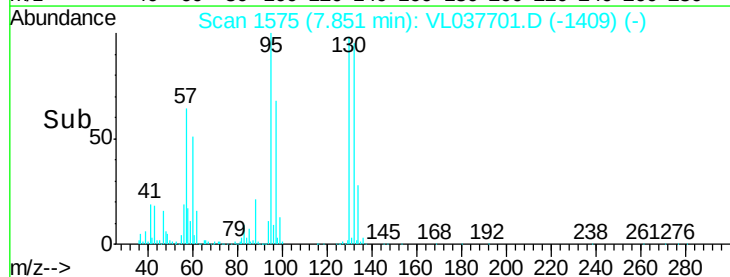
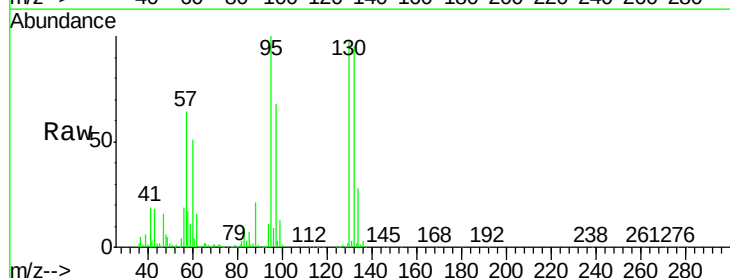
Ion Ratio Lower Upper

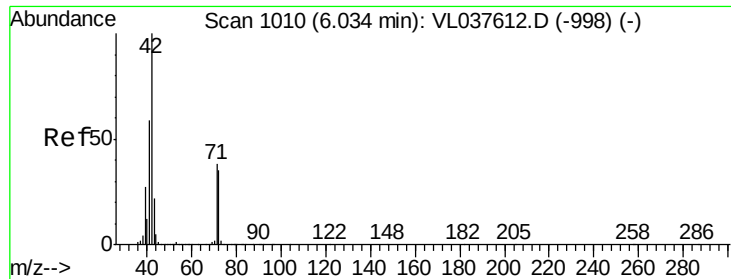
88 100

58 160.9 122.4 183.6

43 387.5 297.4 446.0

57 1783.8 1329.8 1994.8



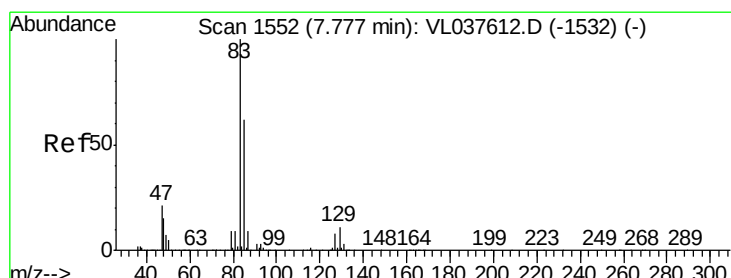
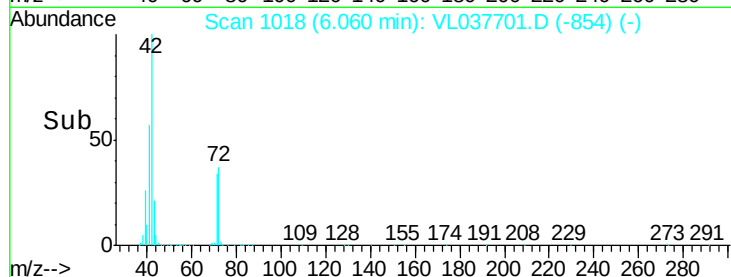
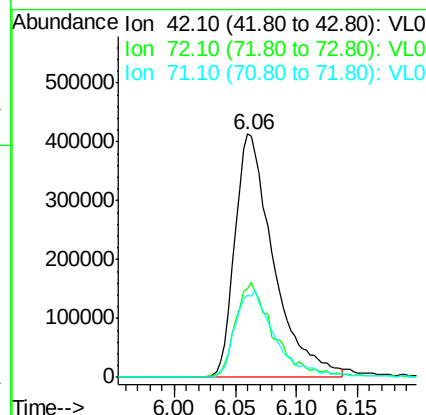
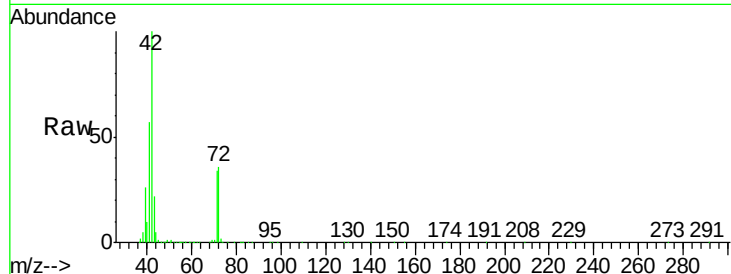


#41
Tetrahydrofuran
Concen: 10.935 ppbv
RT: 6.06
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
VL0928ABS01
Acq: 28 Sep 2021 13:00

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

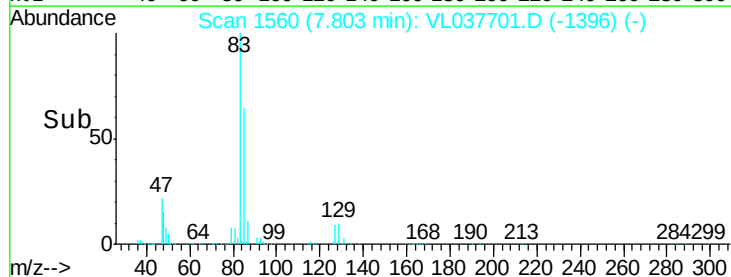
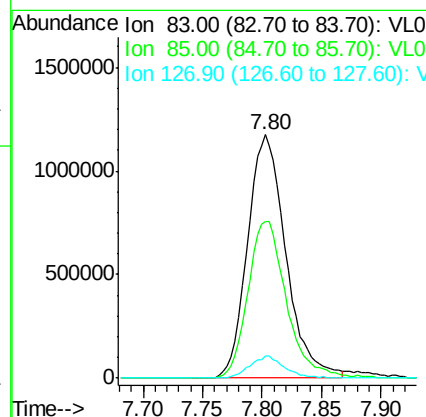
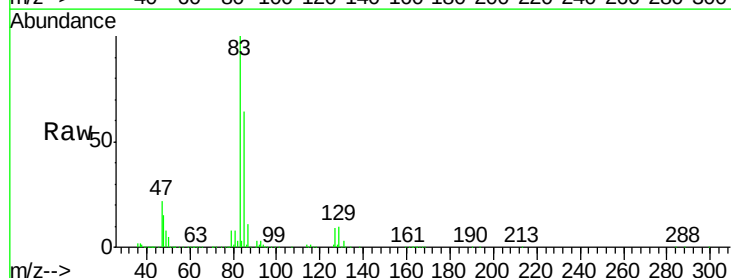
Manual Integrations
APPROVED

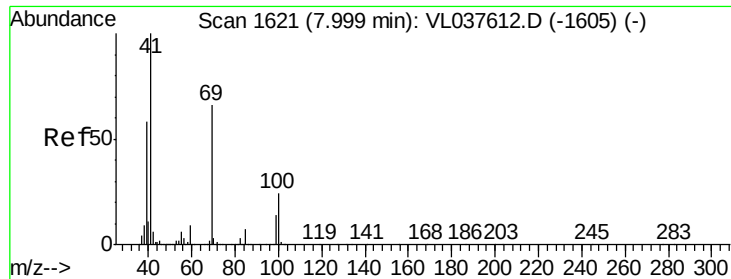
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#42
Bromodichloromethane
Concen: 10.204 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 83 Resp: 2621114
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 9.1 6.4 9.6



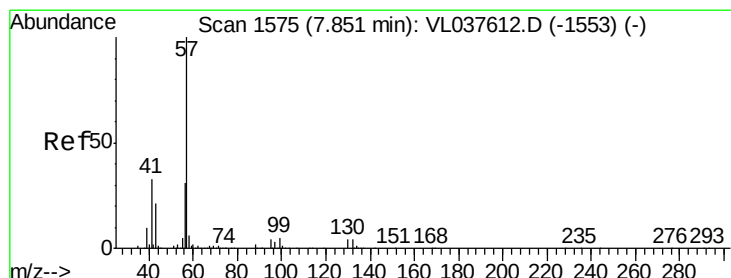
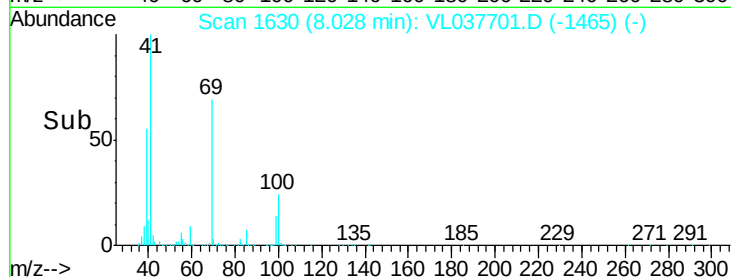
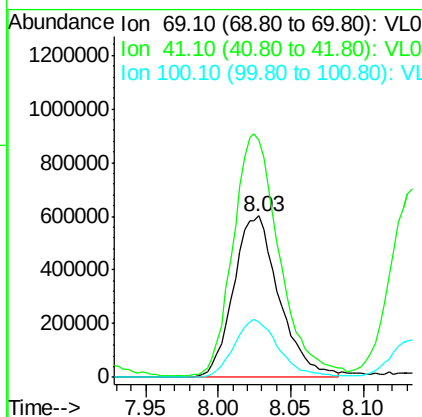
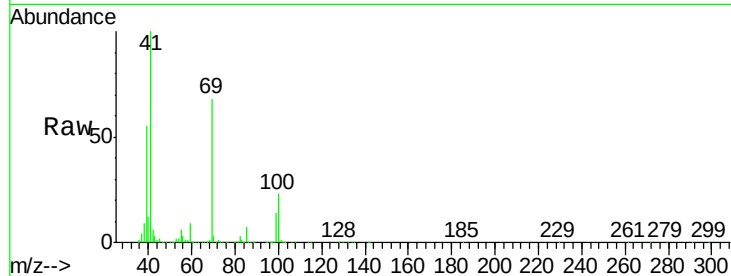


#43
Methyl Methacrylate
 Concen: 10.849 ppbv
 RT: 8.03
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:
 Ion Ratio
 69 100
 41 153.
 100 35.

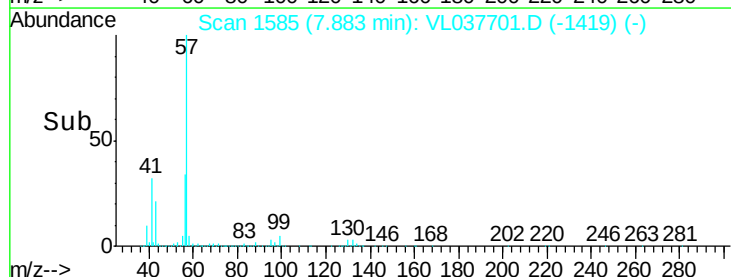
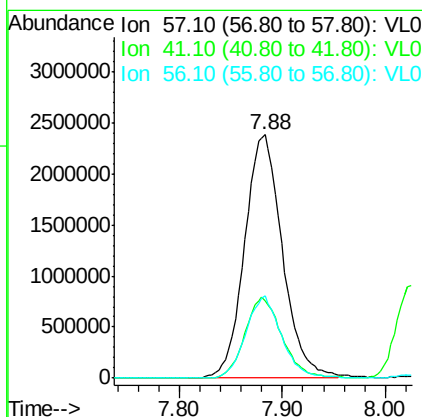
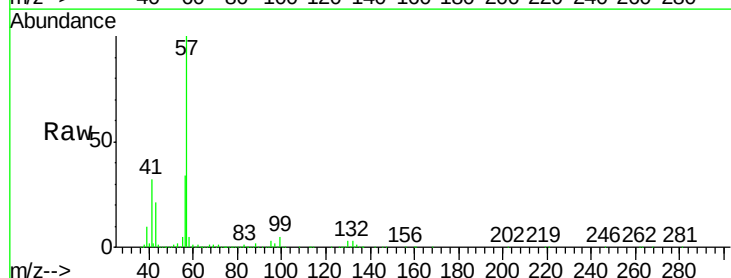
Manual Integrations
APPROVED

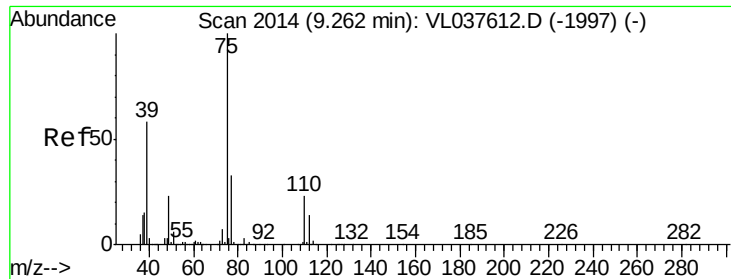
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#44
2,2,4-Trimethylpentane
 Concen: 9.897 ppbv
 RT: 7.88 min Scan# 1585
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 57 Resp: 6063103
 Ion Ratio Lower Upper
 57 100
 41 32.5 26.1 39.1
 56 32.0 25.7 38.5



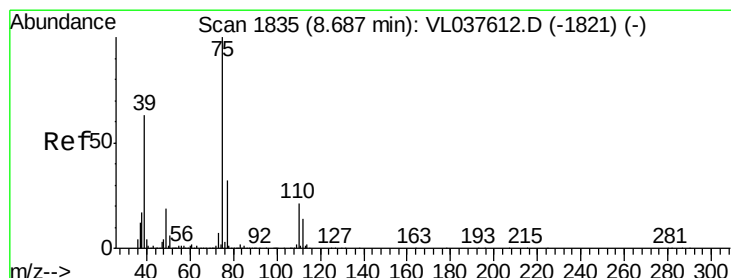
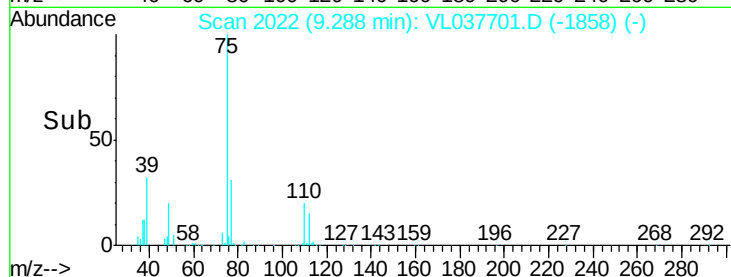
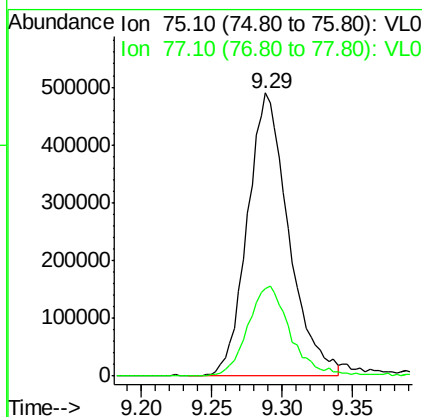
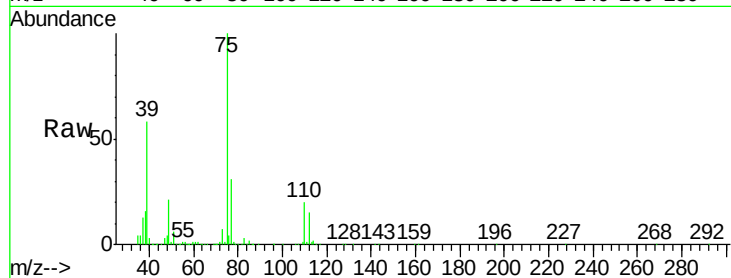


#45
t-1,3-Dichloropropene
Concen: 10.517 ppbv
RT: 9.29
Instrument : MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
75 100
77 31.

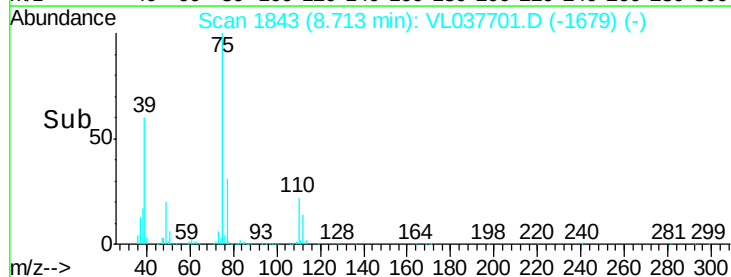
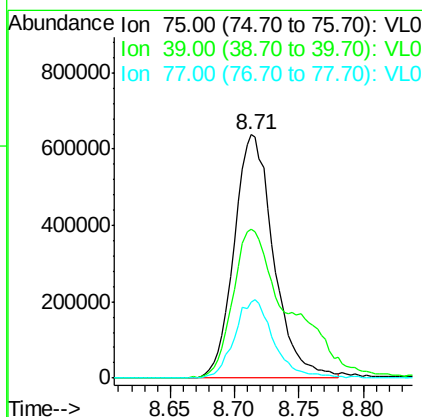
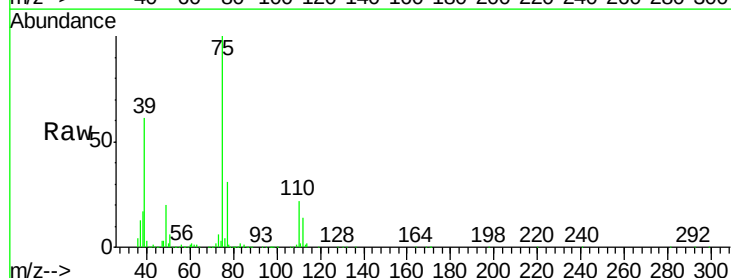
Manual Integrations
APPROVED

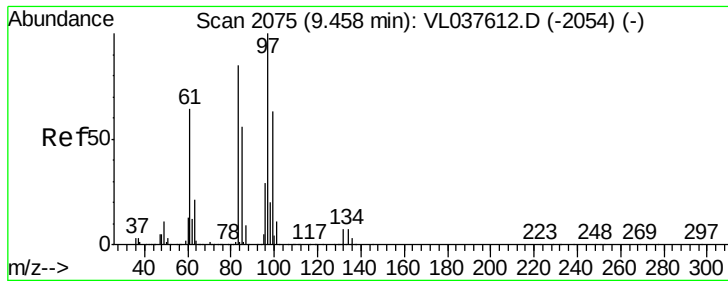
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#46
cis-1,3-Dichloropropene
Concen: 10.588 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 75 Resp: 1361941
Ion Ratio Lower Upper
75 100
39 60.7 50.2 75.4
77 31.3 25.2 37.8



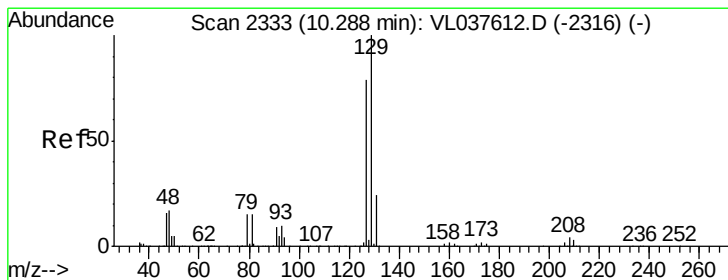
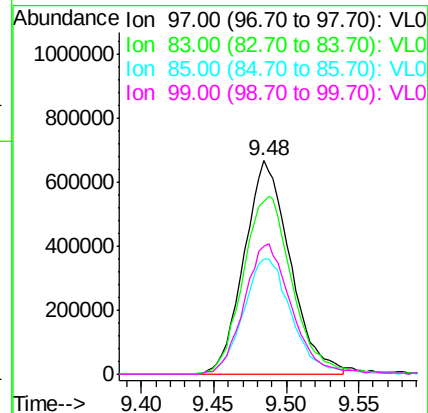
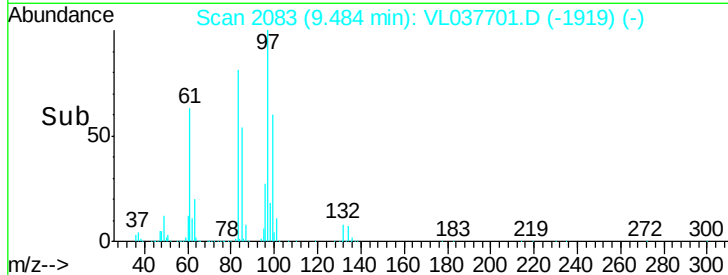
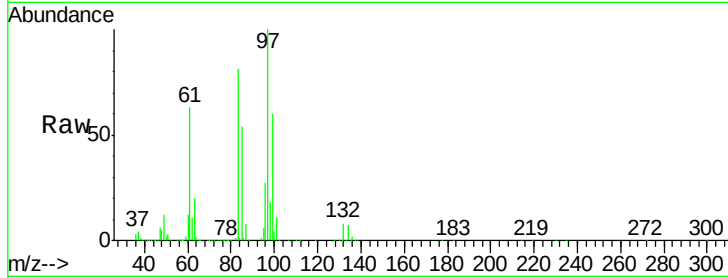


#47
 1,1,2-Trichloroethane
 Concen: 9.513 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion:
 Ion Ratio
 97 100
 83 81.
 85 53.
 99 60.0 50.1 75.1

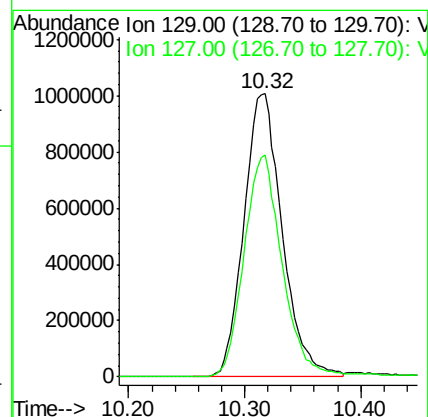
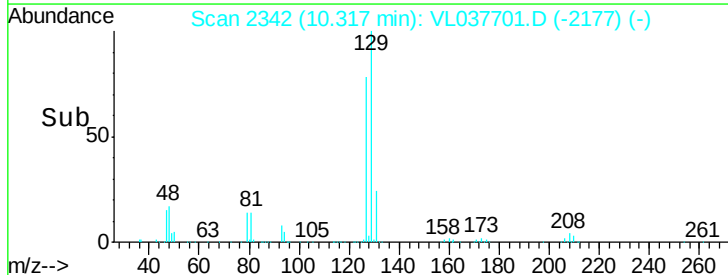
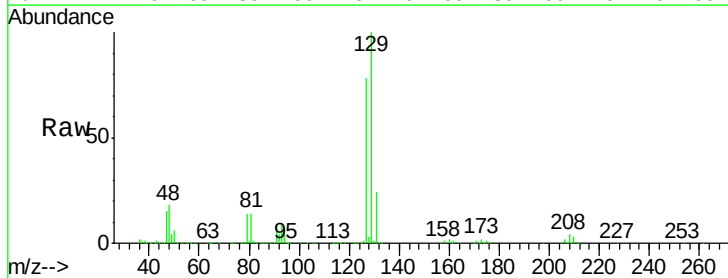
Manual Integrations
 APPROVED

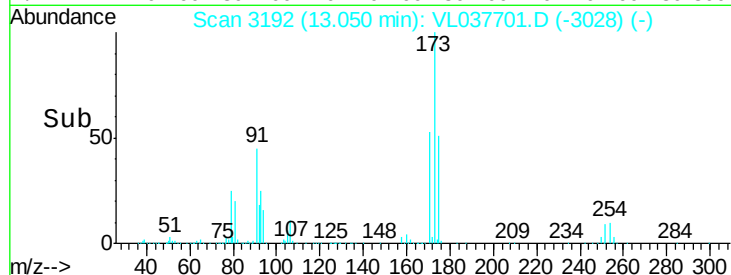
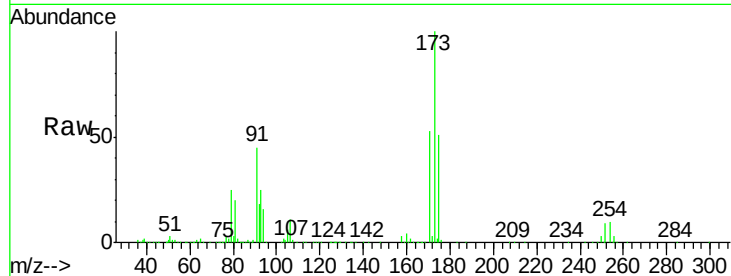
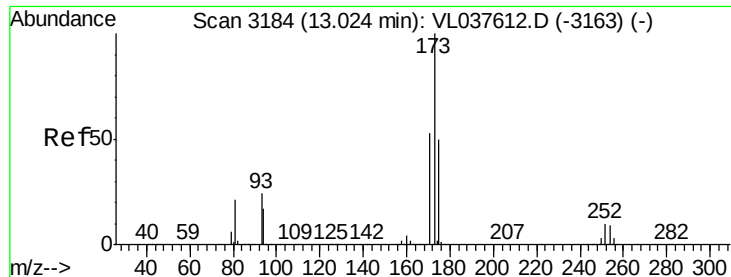
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#48
 Dibromochloromethane
 Concen: 10.727 ppbv
 RT: 10.32 min Scan# 2342
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:129 Resp: 2310498
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.3 117.8





#49

Bromoform

Concen: 10.634 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:1

Ion Ratio

173 100

175 51.

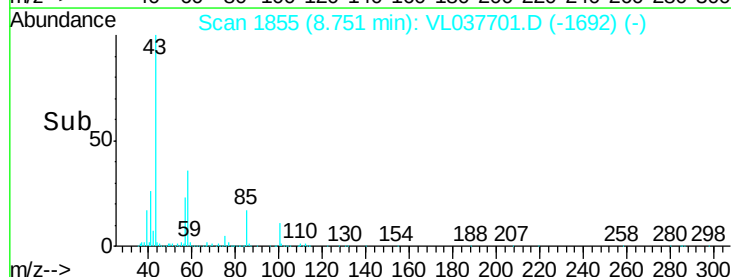
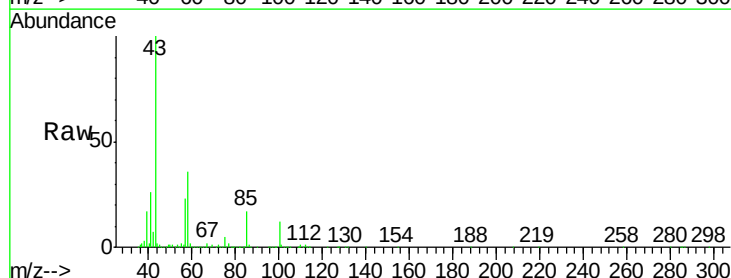
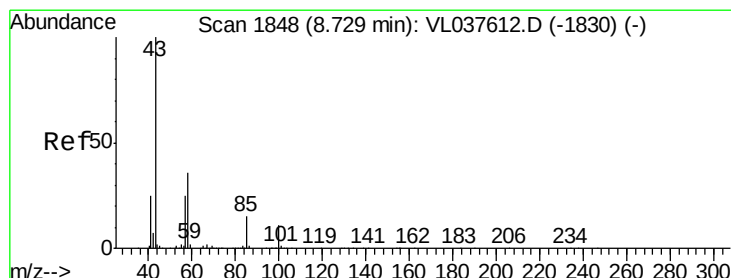
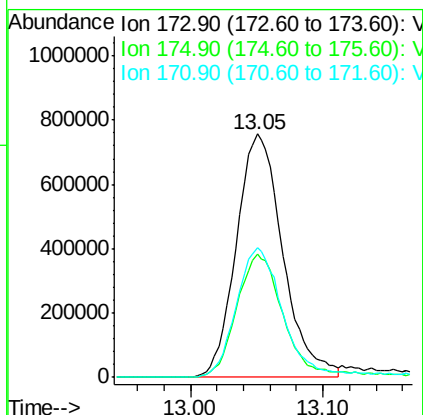
171 56.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#50

4-Methyl-2-Pentanone

Concen: 10.886 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.02 min

Lab File: VL037701.D

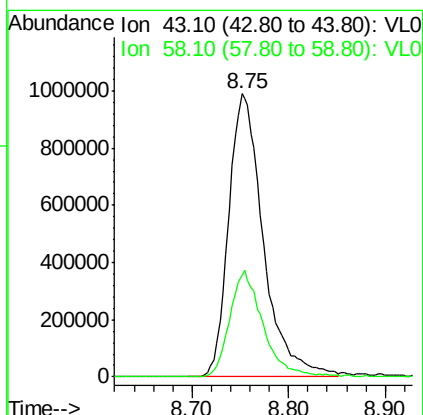
Acq: 28 Sep 2021 13:00

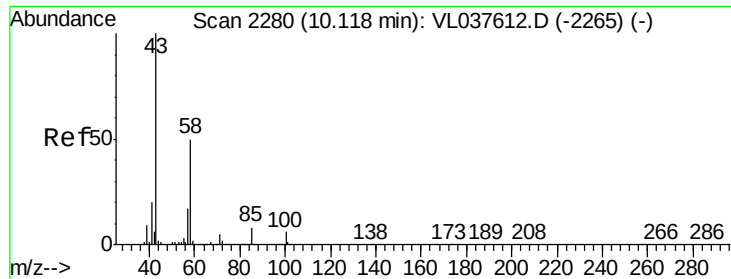
Tgt Ion: 43 Resp: 2453748

Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.2





#51

2-Hexanone

Concen: 11.416 ppbv

RT: 10.15

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

43 100

58 51.

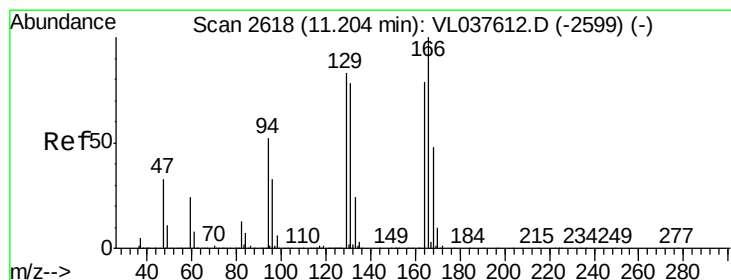
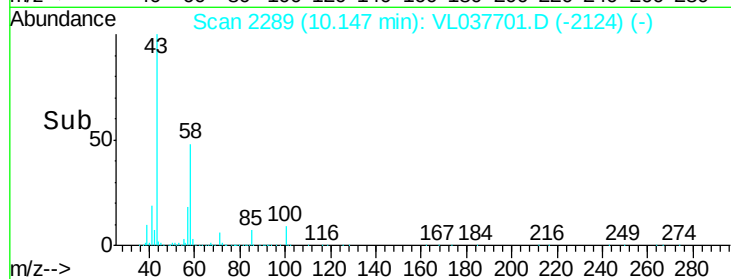
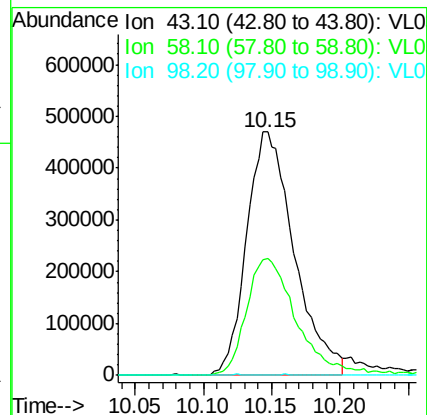
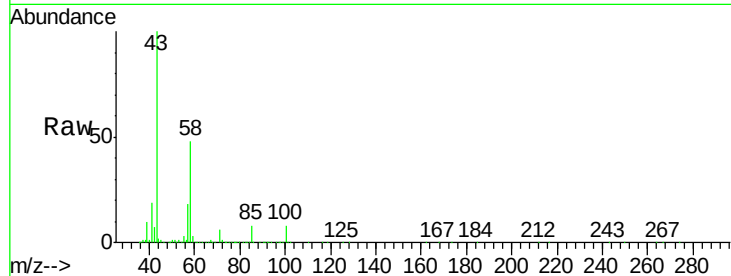
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#52

Tetrachloroethene

Concen: 9.660 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion:164 Resp: 1351386

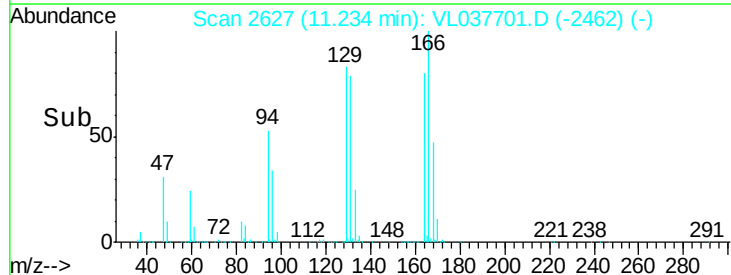
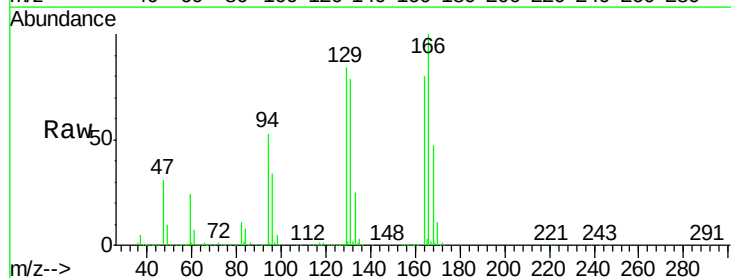
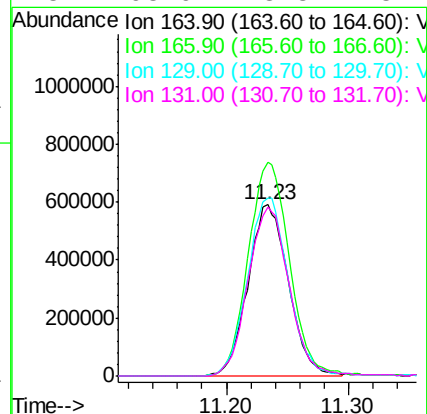
Ion Ratio Lower Upper

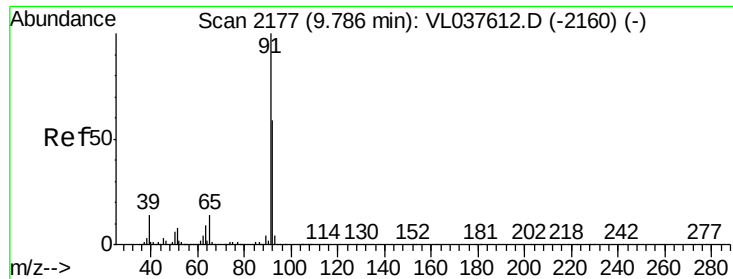
164 100

166 124.8 101.2 151.8

129 104.2 84.0 126.0

131 98.9 78.8 118.2



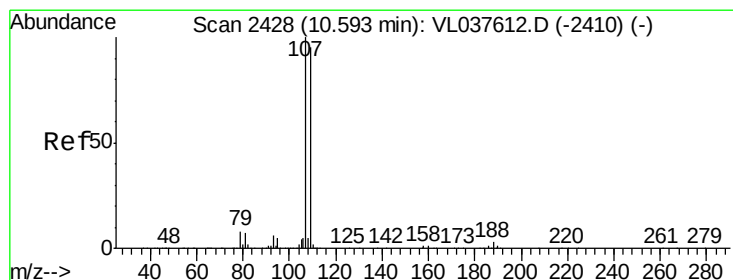
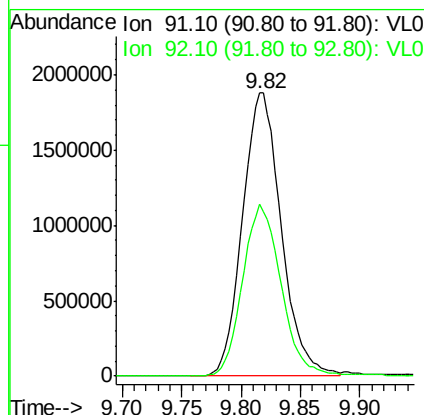
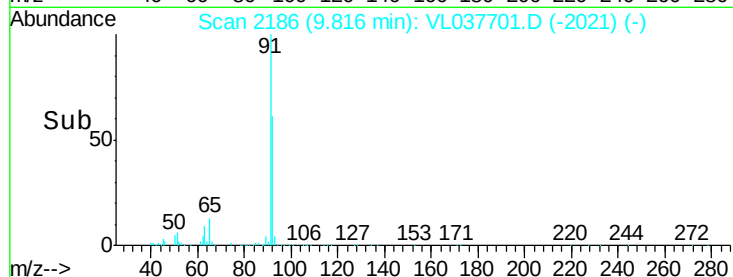
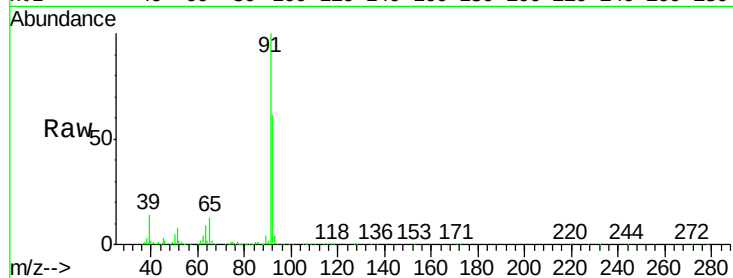


#53
Toluene
Concen: 10.483 ppbv
RT: 9.82
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
91 100
92 60.

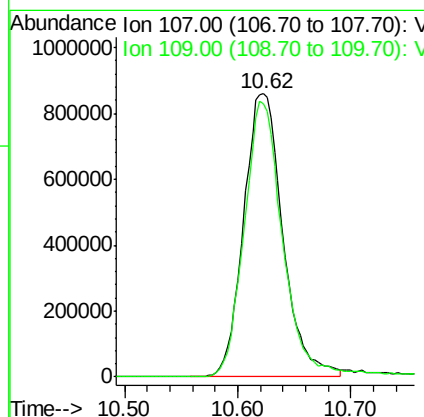
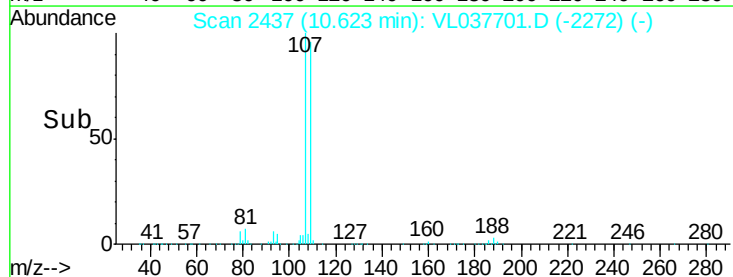
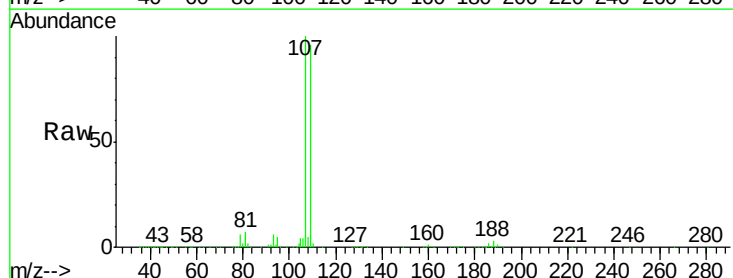
Manual Integrations
APPROVED

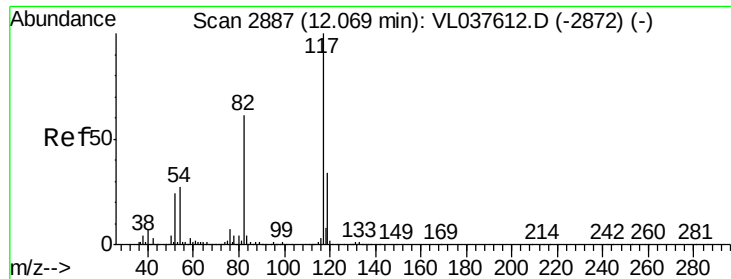
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#54
1,2-Dibromoethane
Concen: 9.824 ppbv
RT: 10.62 min Scan# 2437
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion:107 Resp: 2076848
Ion Ratio Lower Upper
107 100
109 96.4 76.0 114.0



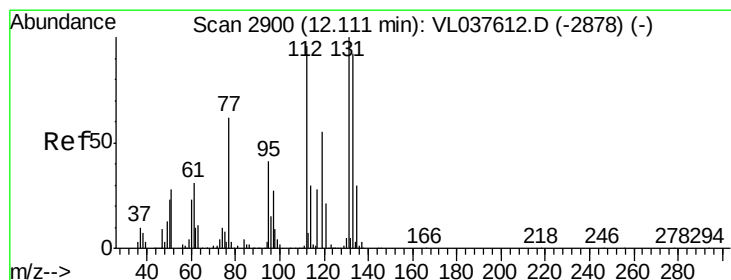
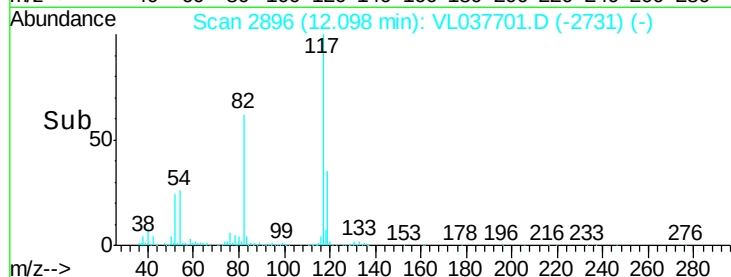
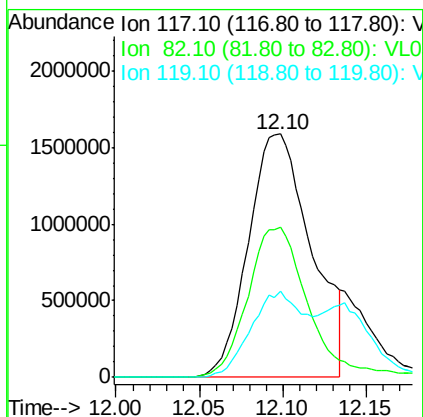
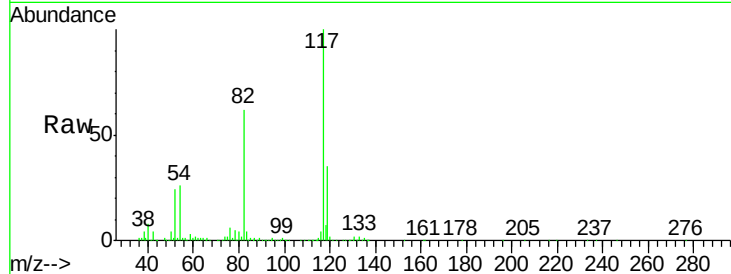


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Client Sample Id:
Lab File: VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion: 117
Ion Ratio: 100
82 61.1
119 31.1

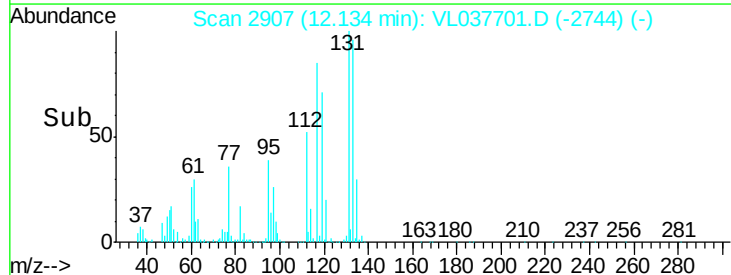
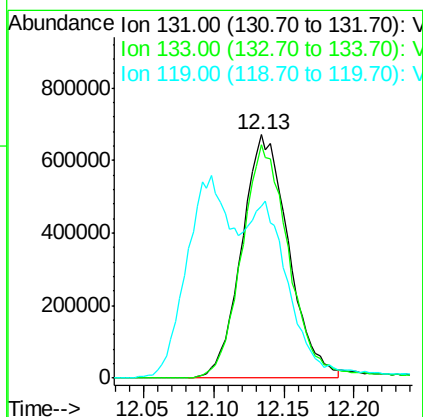
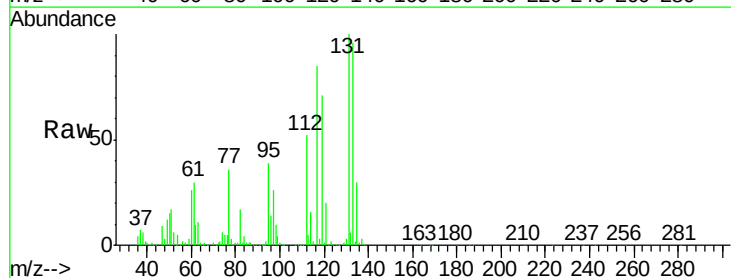
Manual Integrations
APPROVED

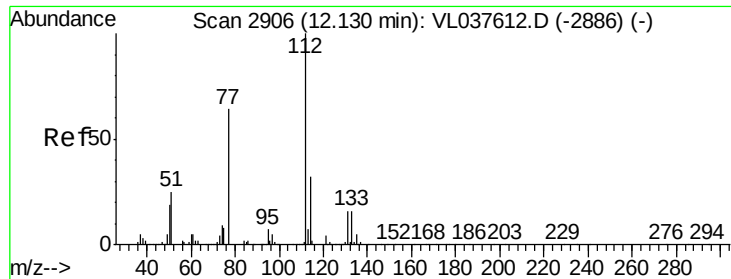
Reviewed By: Semsettin Yesilyurt 09/29/2021
Supervised By: Amit Patel 10/01/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 8.998 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.02 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 131 Resp: 1554991
Ion Ratio Lower Upper
131 100
133 99.0 76.8 115.2
119 64.1 47.8 71.8



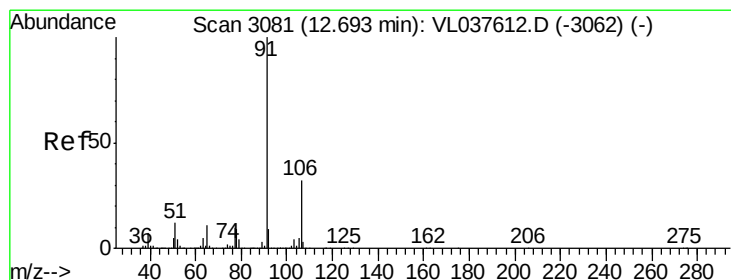
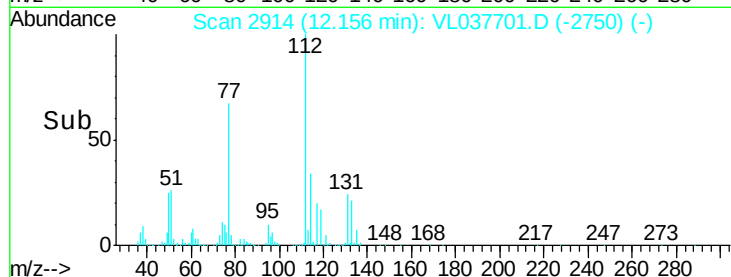
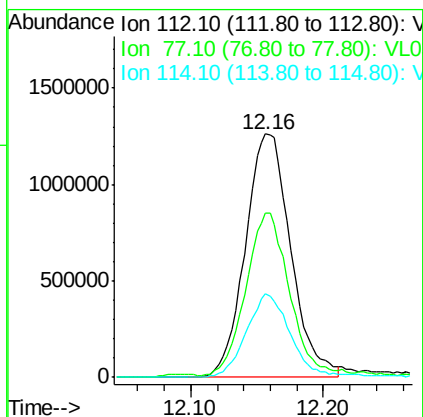
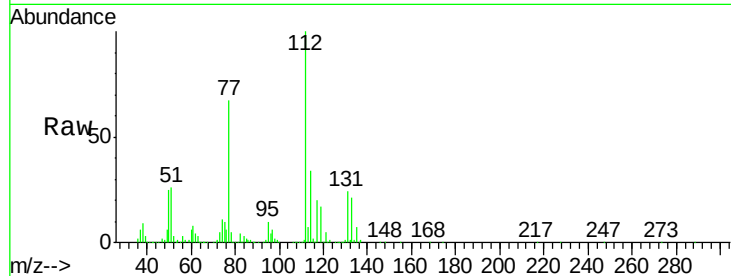


#57
Chlorobenzene
Concen: 8.669 ppbv
RT: 12.16
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion: 112
Ion Ratio: 100
77 66.
114 34.

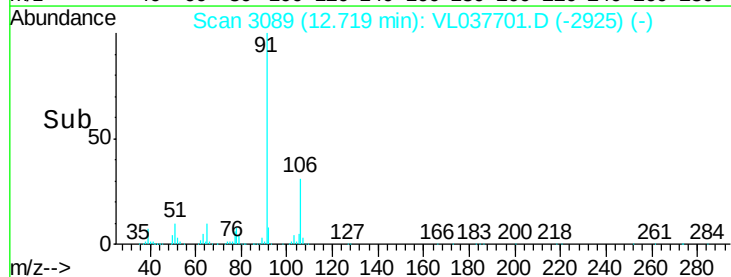
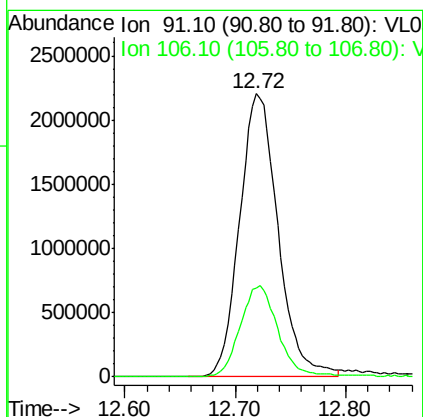
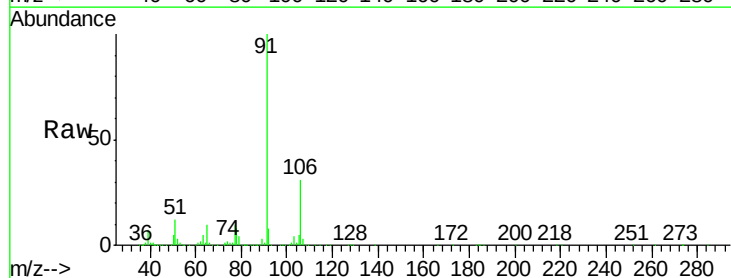
Manual Integrations
APPROVED

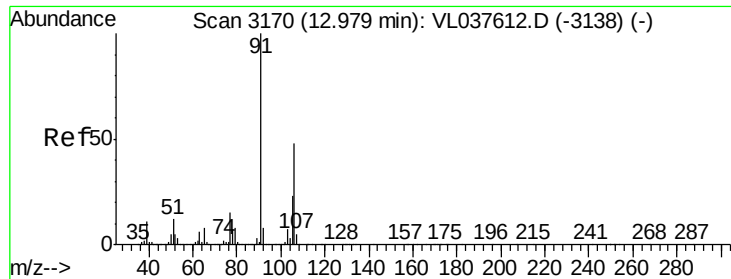
Reviewed By : Semsettin Yesilyurt 09/29/2021
Supervised By : Amit Patel 10/01/2021



#58
Ethyl Benzene
Concen: 9.630 ppbv
RT: 12.72 min Scan# 3089
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 91 Resp: 5325738
Ion Ratio Lower Upper
91 100
106 31.3 25.3 37.9



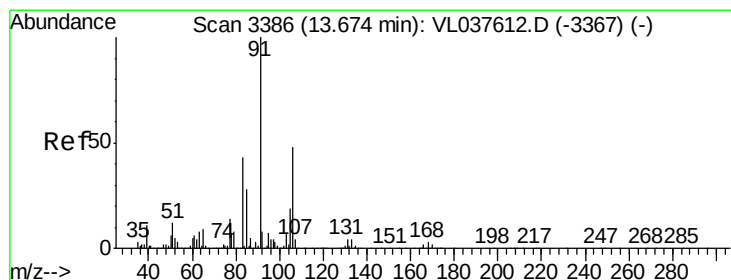
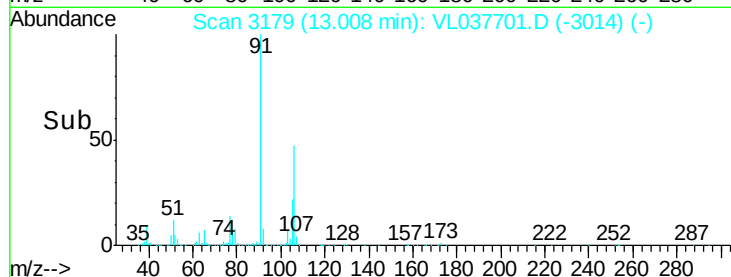
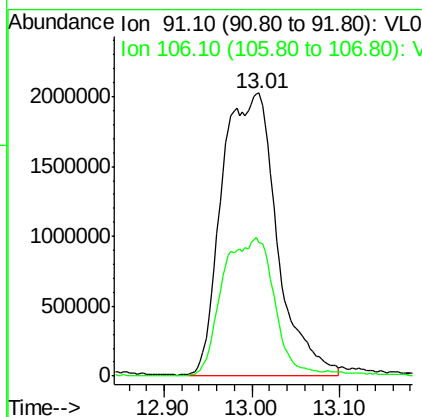
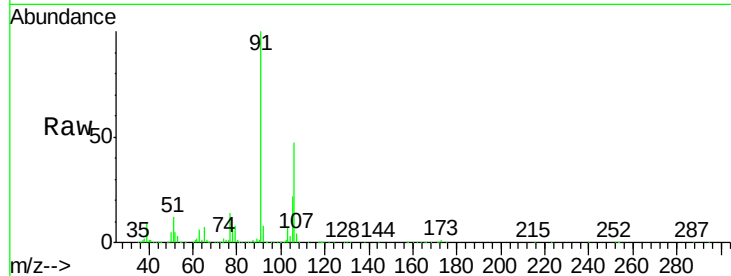


#59
m/p-Xylene
Concen: 18.327 ppbv m
RT: 13.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 28 Sep 2021 13:00

Tgt Ion:
Ion Ratio
91 100
106 46.

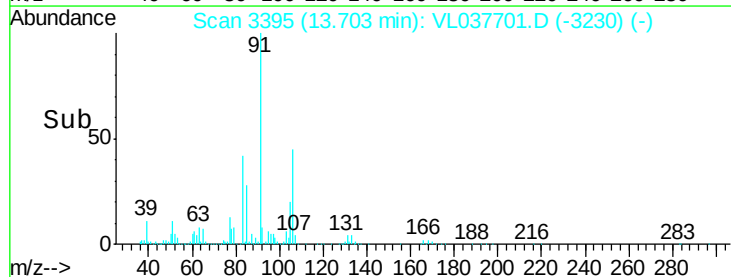
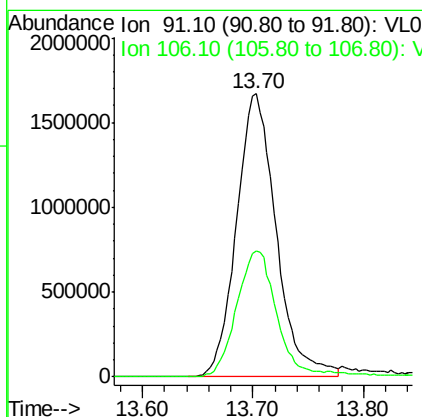
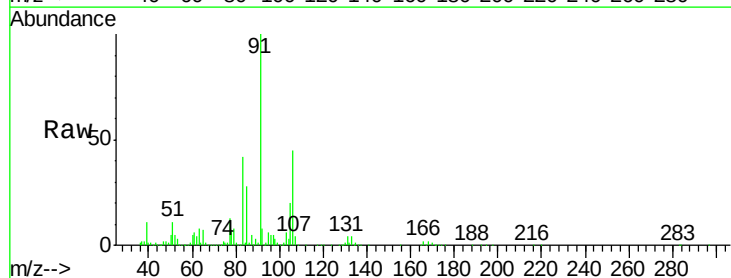
Manual Integrations
APPROVED

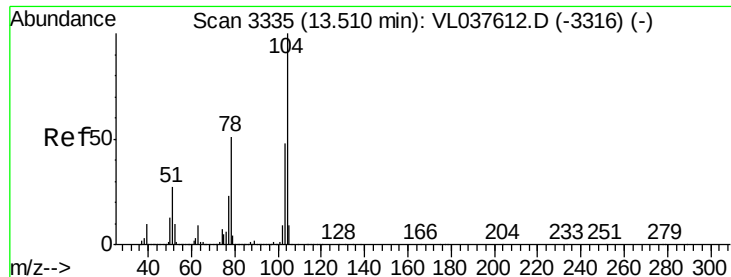
Reviewed By :Semsettin Yesilyurt 09/29/2021
Supervised By :Amit Patel 10/01/2021



#60
o-Xylene
Concen: 9.040 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 91 Resp: 4146961
Ion Ratio Lower Upper
91 100
106 46.8 23.0 69.0





#61

Styrene

Concen: 10.256 ppbv

RT: 13.54

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:1

Ion Ratio

104 100

78 52.

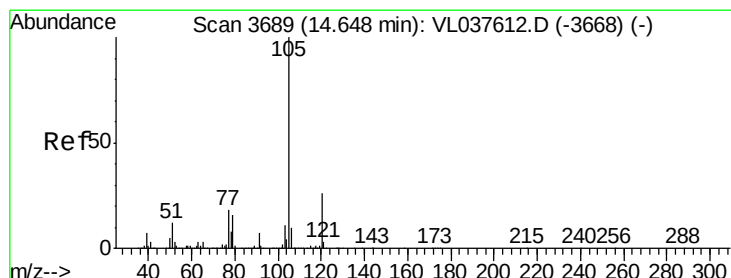
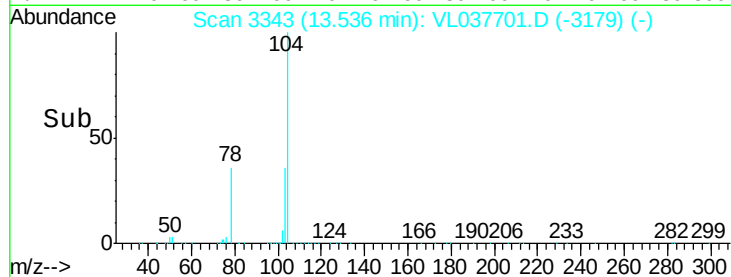
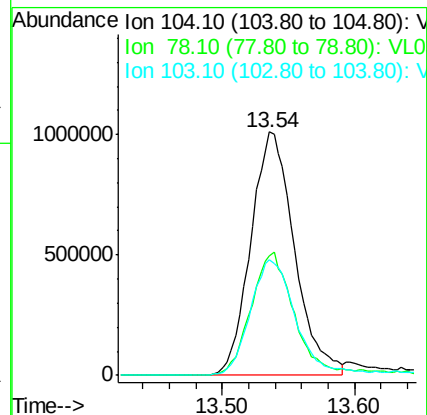
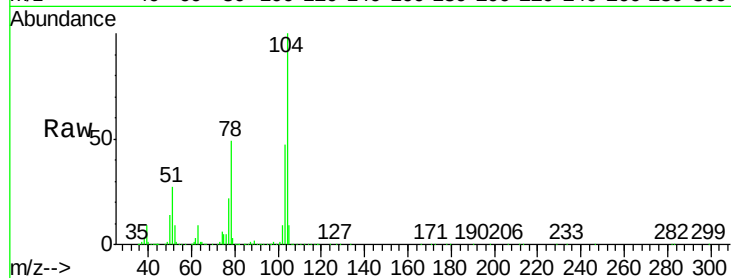
103 50.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#62

Isopropylbenzene

Concen: 8.966 ppbv

RT: 14.68 min Scan# 3698

Delta R.T. 0.03 min

Lab File: VL037701.D

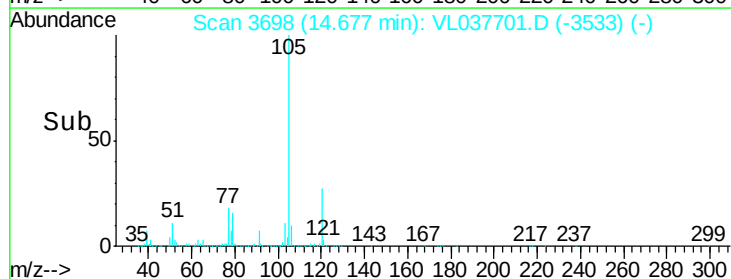
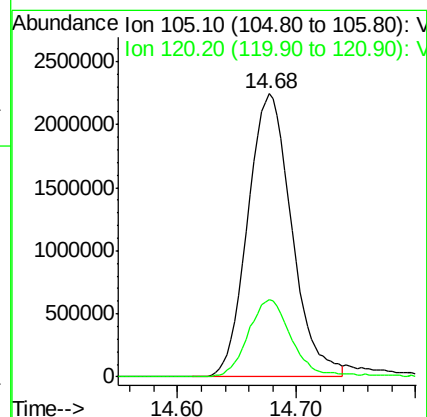
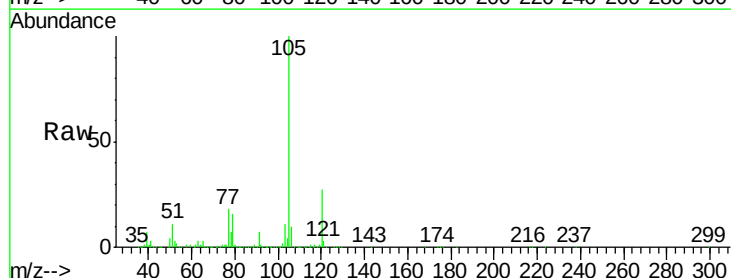
Acq: 28 Sep 2021 13:00

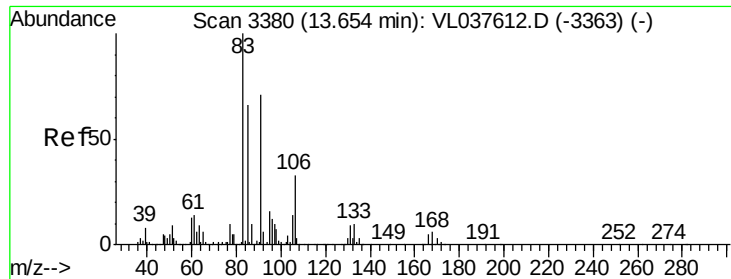
Tgt Ion:105 Resp: 5745907

Ion Ratio Lower Upper

105 100

120 27.4 21.4 32.0



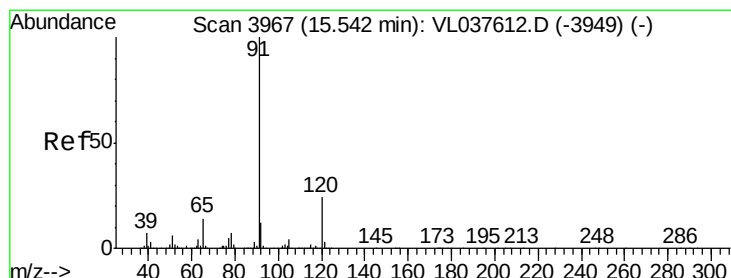
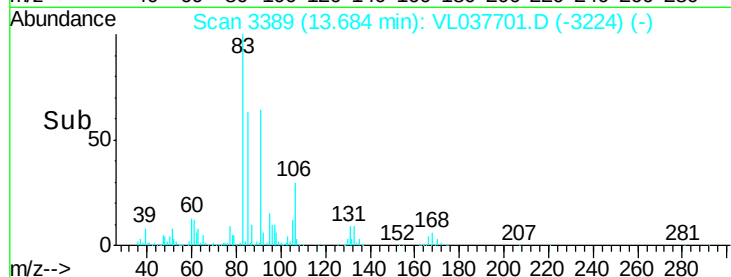
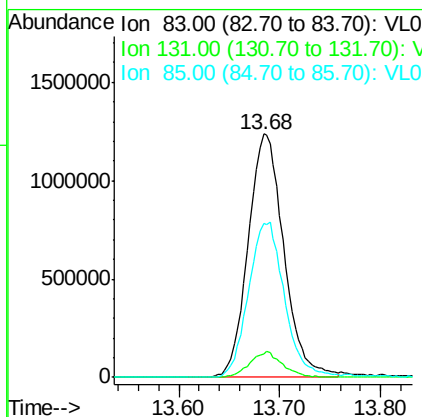
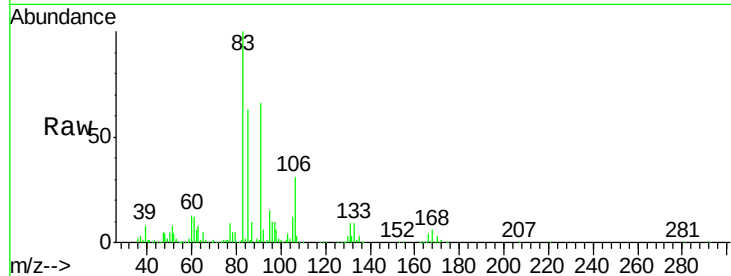


#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.443 ppbv
 RT: 13.68 min
 Delta R.T. 0.03 min
 Lab File: VL0928ABS01
 Acq: 28 Sep 2021 13:00

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

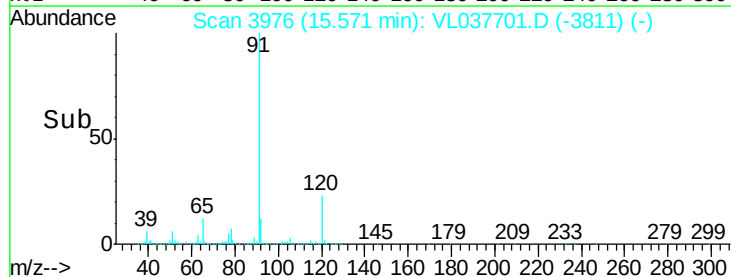
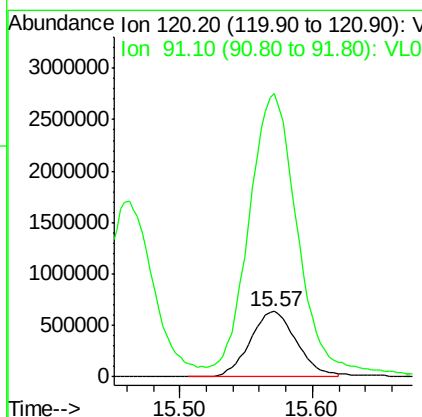
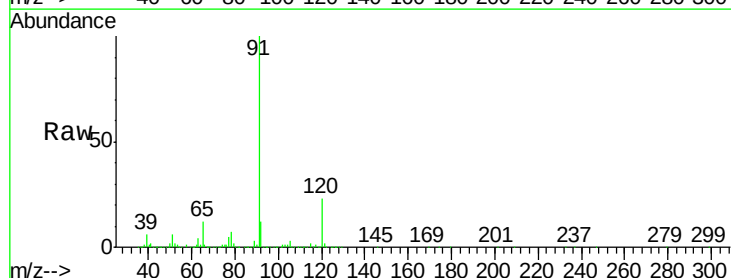
Manual Integrations
 APPROVED

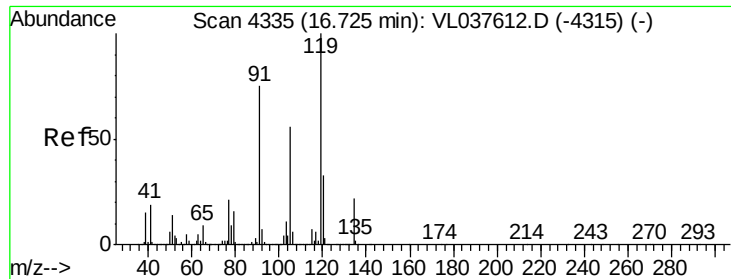
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#64
 n-propylbenzene
 Concen: 9.376 ppbv
 RT: 15.57 min Scan# 3976
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:120 Resp: 1550421
 Ion Ratio Lower Upper
 120 100
 91 465.5 345.0 517.4



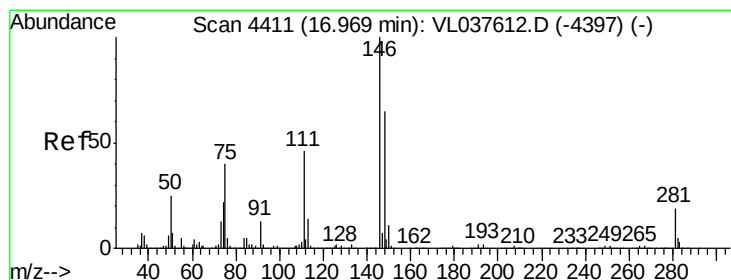
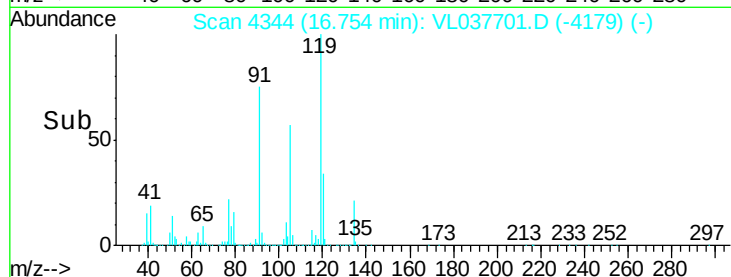
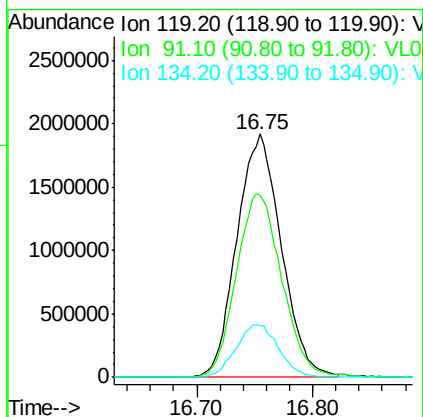
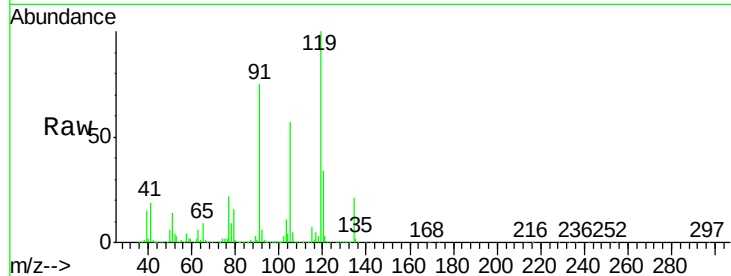


#65
 tert-Butylbenzene
 Concen: 8.818 ppbv
 RT: 16.75
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion: 1
 Ion Ratio
 119 100
 91 77.
 134 21.

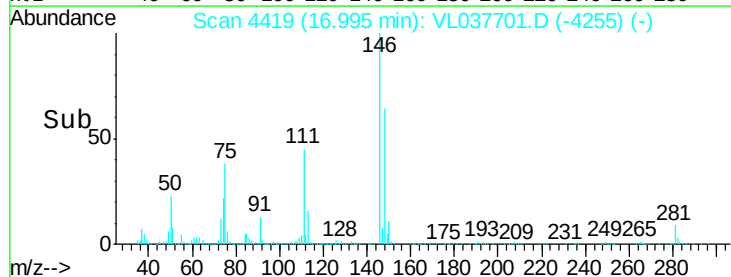
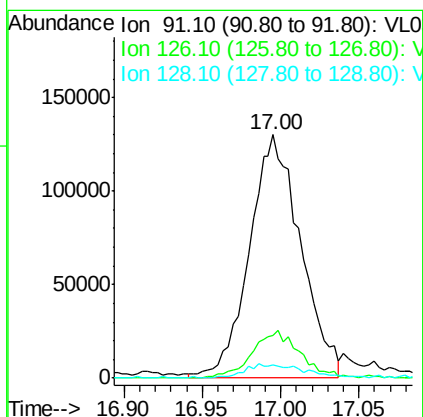
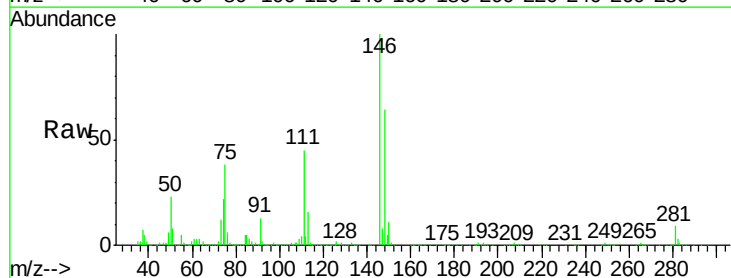
Manual Integrations
 APPROVED

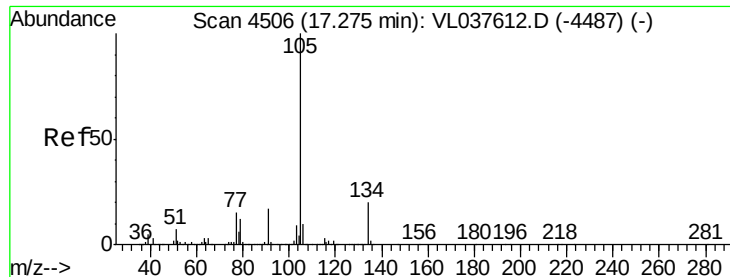
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#66
 Benzyl Chloride
 Concen: 9.404 ppbv m
 RT: 17.00 min Scan# 4419
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 91 Resp: 296917
 Ion Ratio Lower Upper
 91 100
 126 18.2 14.4 21.6
 128 7.0 5.7 8.5





#67

sec-Butylbenzene

Concen: 9.091 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 28 Sep 2021 13:00

Tgt Ion:1

Ion Rati

105 100

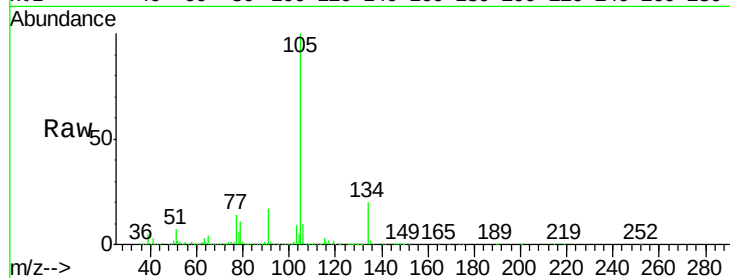
134 19.

Manual Integrations

APPROVED

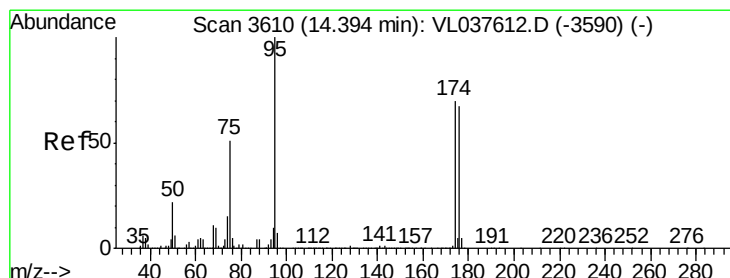
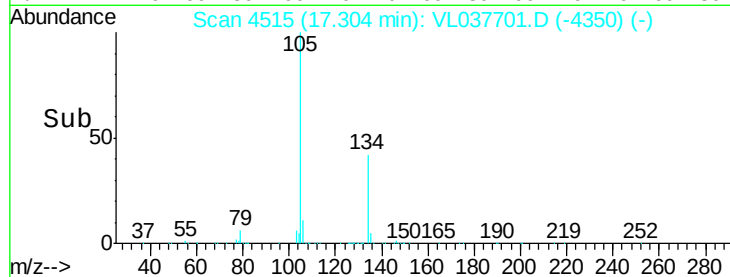
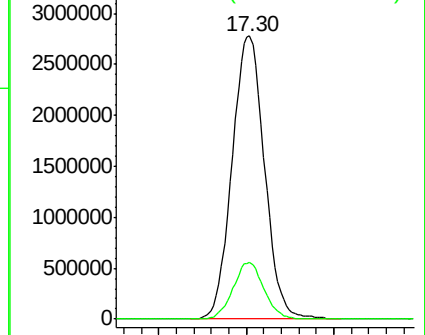
Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.514 ppbv

RT: 14.43 min Scan# 3620

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

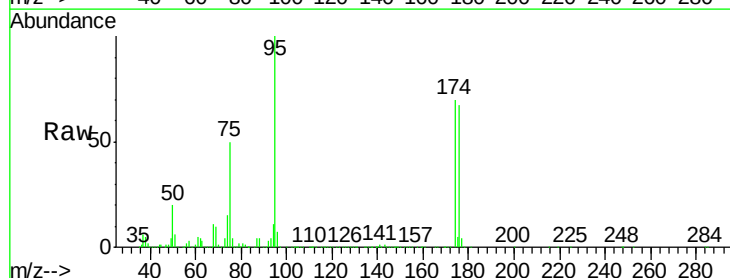
Tgt Ion: 95 Resp: 2864709

Ion Ratio Lower Upper

95 100

174 75.4 56.3 84.5

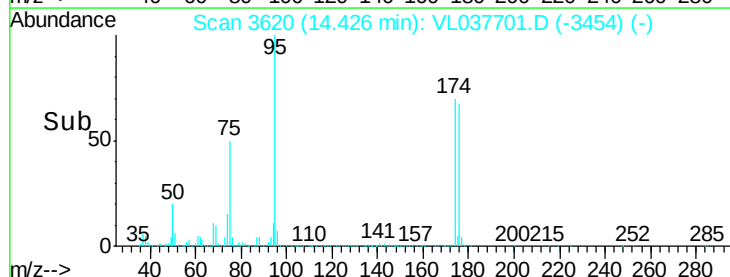
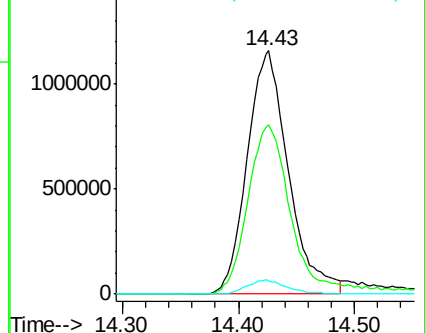
175 6.1 4.4 6.6

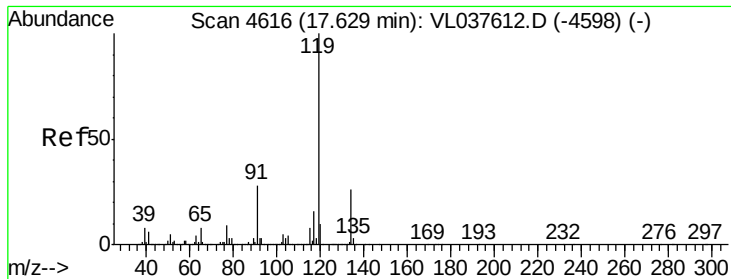


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



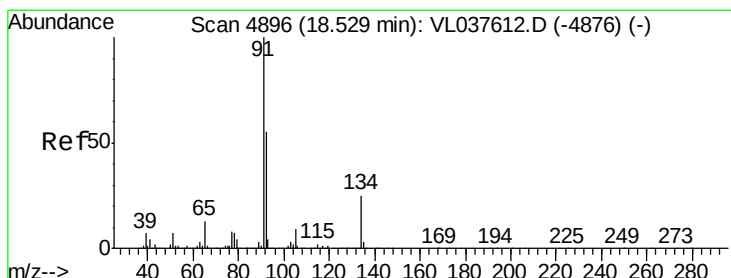
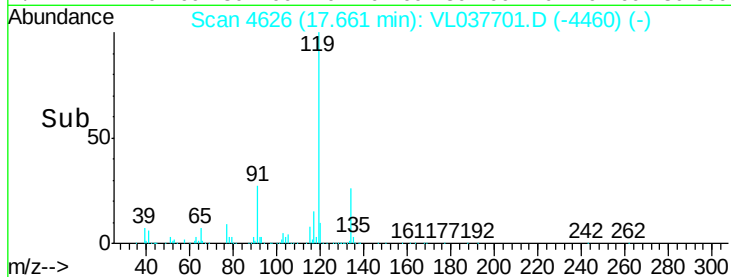
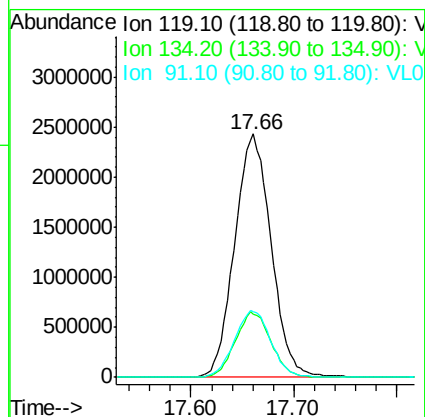
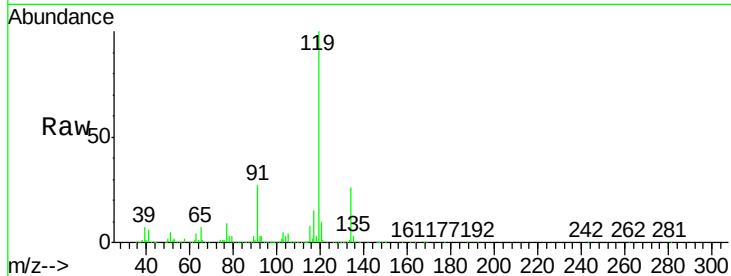


#69
 p-Isopropyltoluene
 Concen: 9.337 ppbv
 RT: 17.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion: 1
 Ion Ratio
 119 100
 134 26.
 91 27.

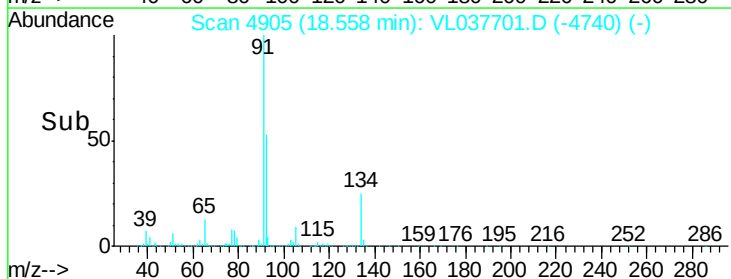
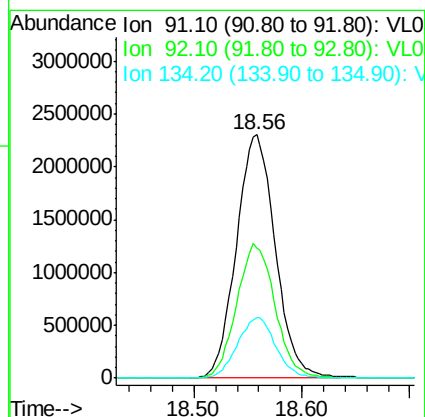
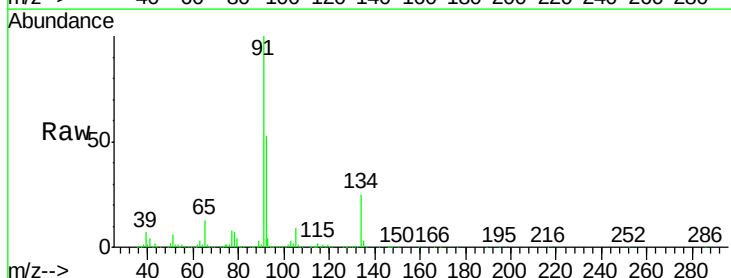
Manual Integrations
 APPROVED

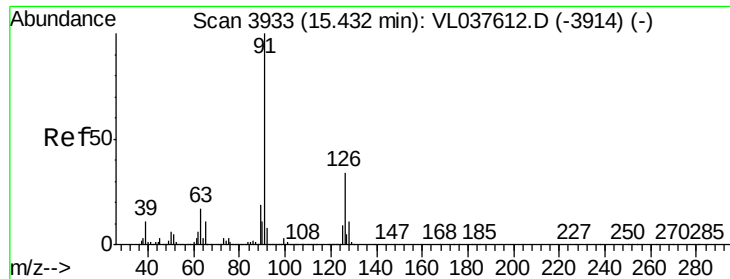
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021



#70
 n-Butylbenzene
 Concen: 9.519 ppbv
 RT: 18.56 min Scan# 4905
 Delta R.T. 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 91 Resp: 5768055
 Ion Ratio Lower Upper
 91 100
 92 54.8 44.0 66.0
 134 24.8 19.5 29.3





#71

2-Chlorotoluene

Concen: 9.169 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:

Ion Ratio

91 100

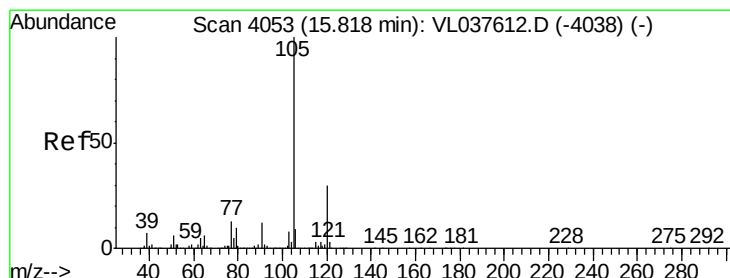
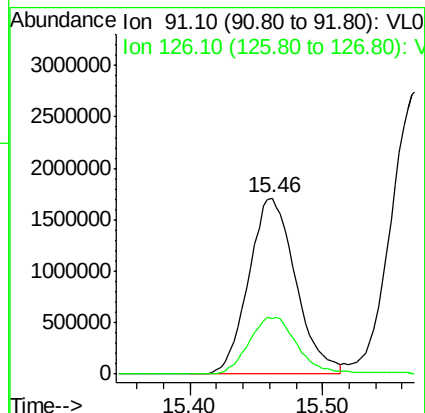
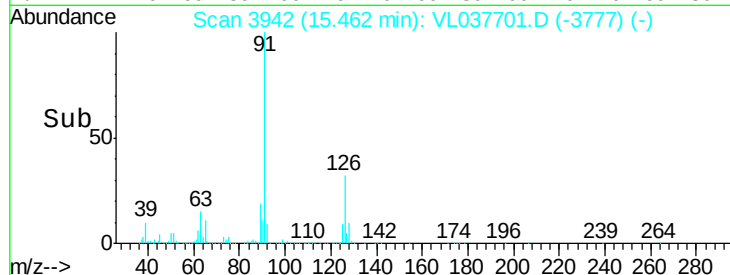
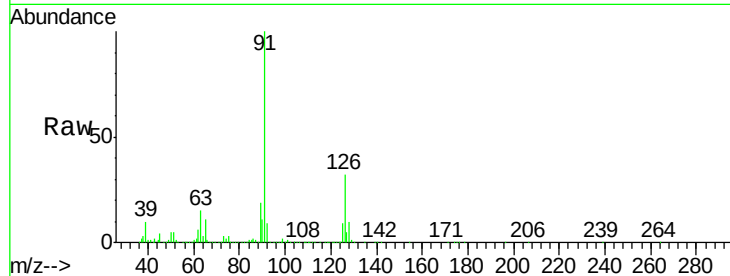
126 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#72

4-Ethyltoluene

Concen: 9.209 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion:105 Resp: 4849111

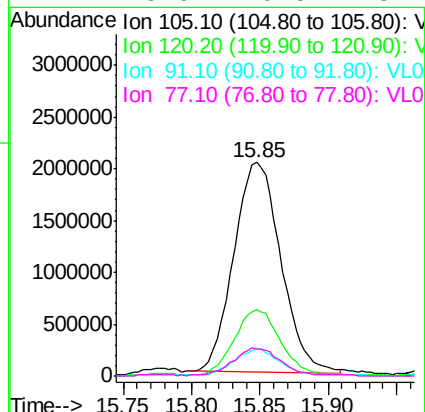
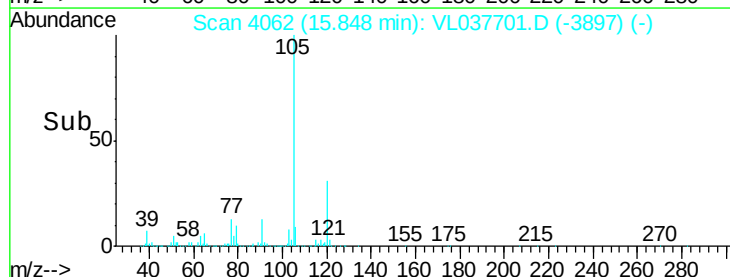
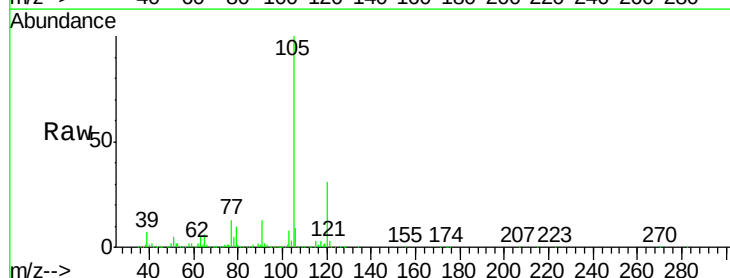
Ion Ratio Lower Upper

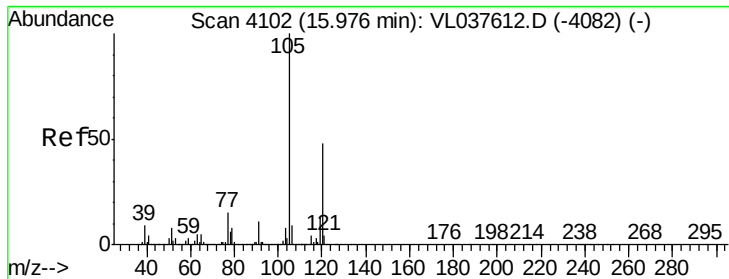
105 100

120 32.0 24.7 37.1

91 13.7 9.9 14.9

77 13.9 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 9.232 ppbv

RT: 16.01

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 28 Sep 2021 13:00

Tgt Ion:1

Ion Ratio

105 100

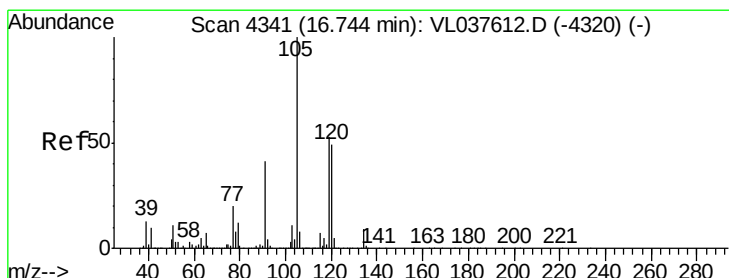
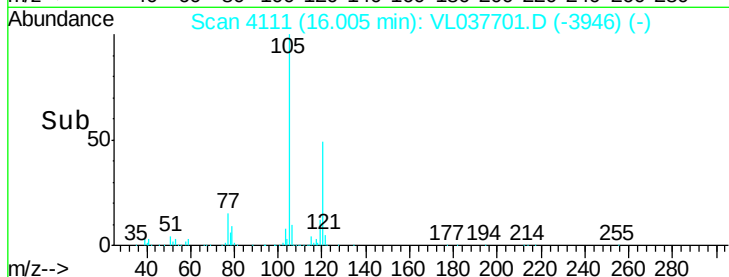
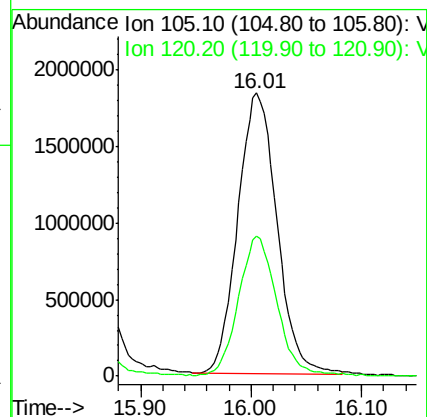
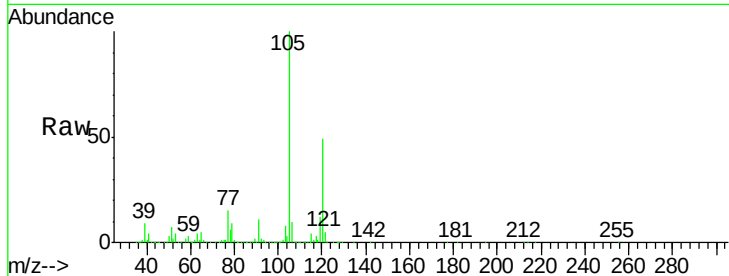
120 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021

Supervised By :Amit Patel 10/01/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.980 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.03 min

Lab File: VL037701.D

Acq: 28 Sep 2021 13:00

Tgt Ion:105 Resp: 4642656

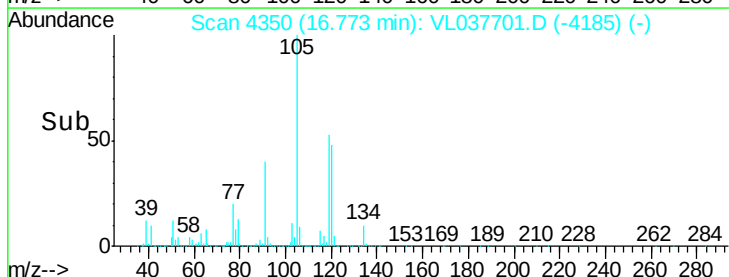
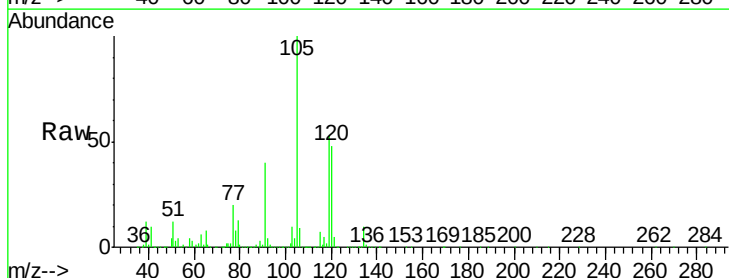
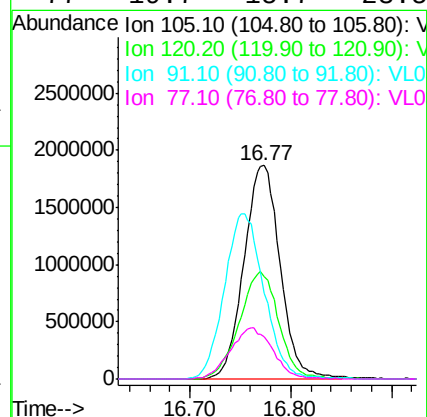
Ion Ratio Lower Upper

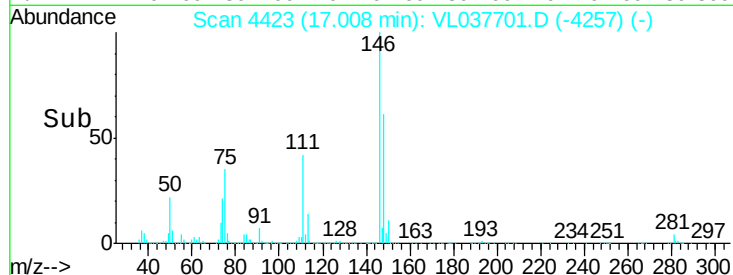
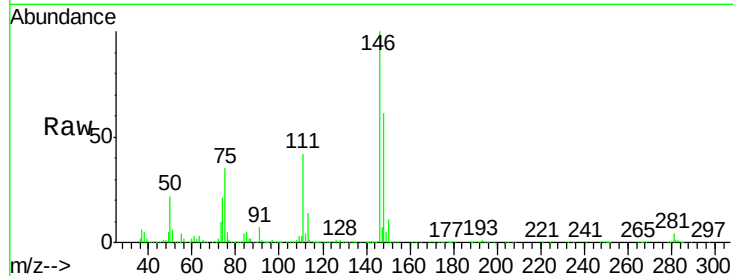
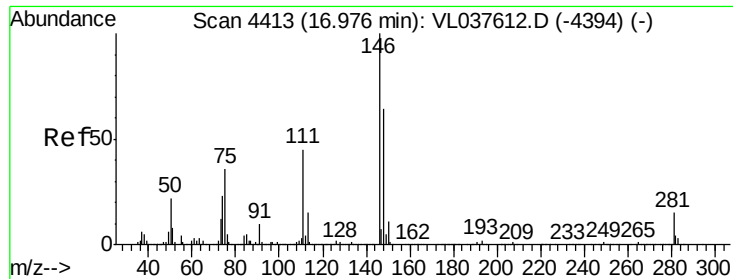
105 100

120 48.1 39.4 59.0

91 39.4 33.3 49.9

77 19.7 15.7 23.5



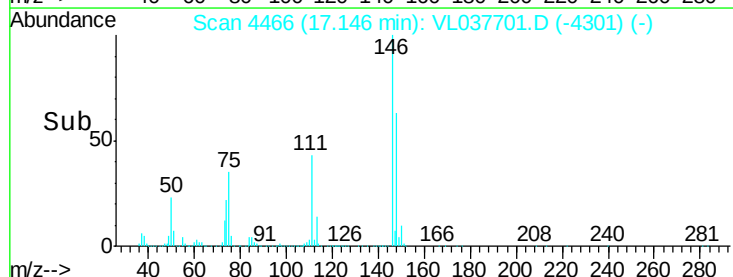
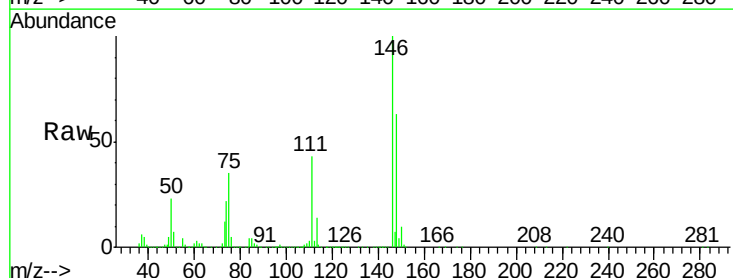
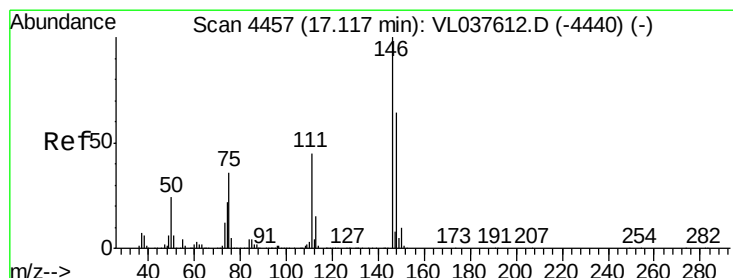
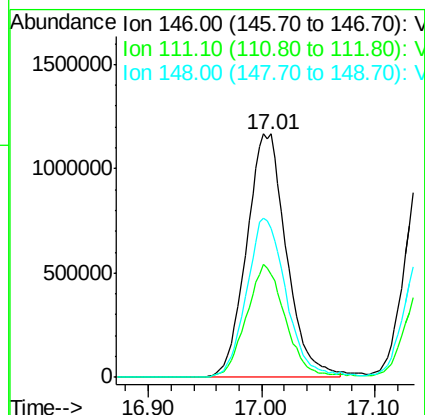


#75
 1,3-Dichlorobenzene
 Concen: 8.902 ppbv
 RT: 17.01 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0928ABS01
 Acq: 28 Sep 2021 13:00

Tgt Ion: 146
 Ion Ratio: 100
 111 45.1
 148 65.1

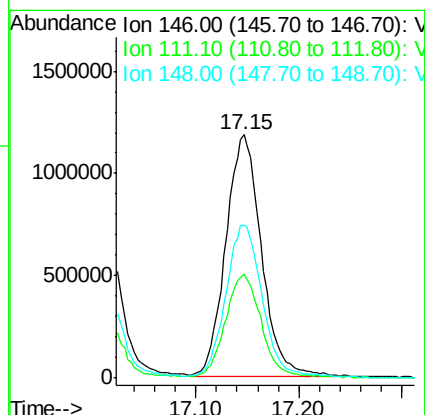
Manual Integrations
 APPROVED

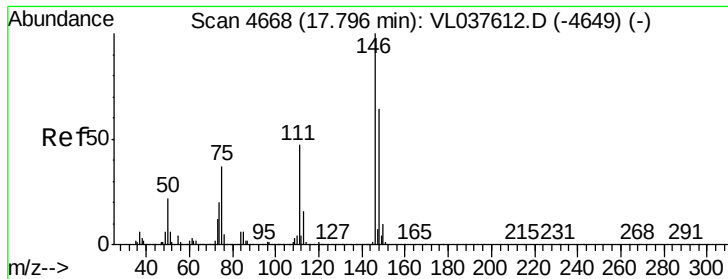
Reviewed By : Semsettin Yesilyurt 09/29/2021
 Supervised By : Amit Patel 10/01/2021



#76
 1,4-Dichlorobenzene
 Concen: 8.884 ppbv
 RT: 17.15 min Scan# 4466
 Delta R.T.: 0.03 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion: 146 Resp: 2814346
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.5 67.5
 148 65.9 32.9 98.6



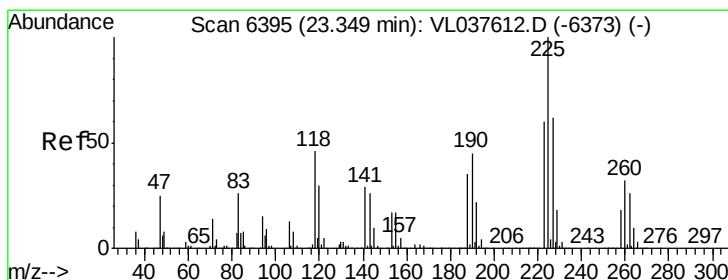
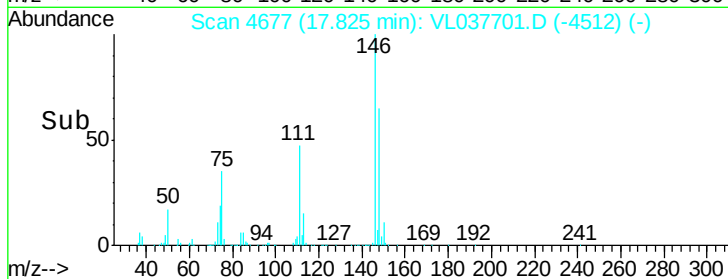
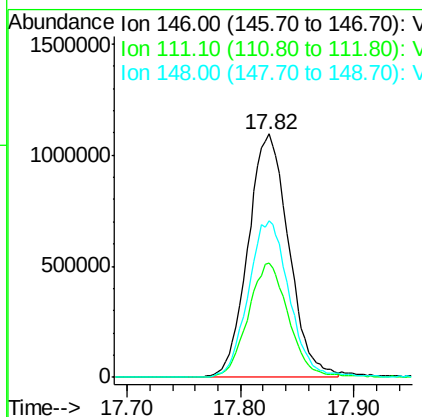
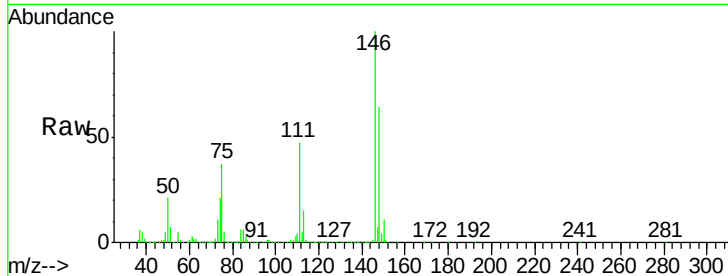


#77
 1,2-Dichlorobenzene
 Concen: 8.930 ppbv
 RT: 17.82 min
 Delta R.T.: 0.04 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Manual Integrations
 APPROVED

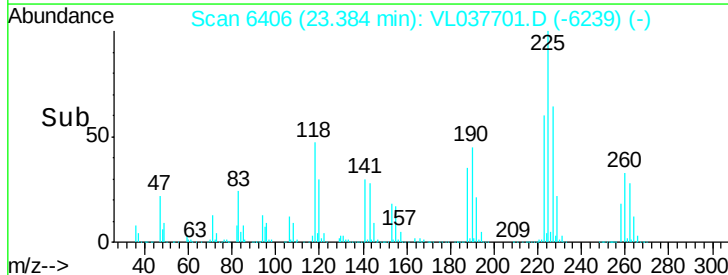
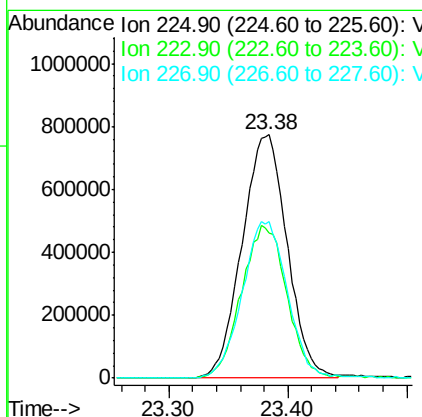
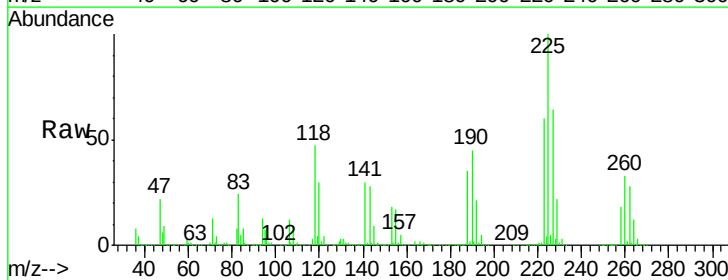
Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021

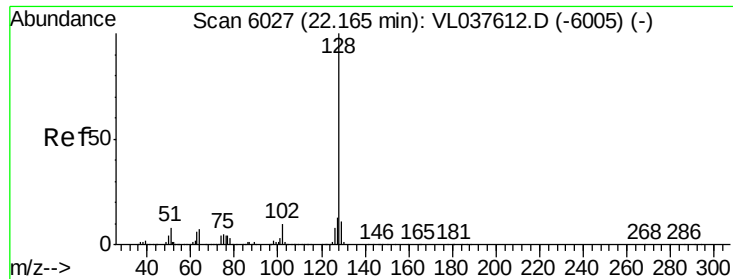
Tgt Ion:1
 Ion Ratio
 146 100
 111 47.
 148 65.



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.893 ppbv
 RT: 23.38 min Scan# 6406
 Delta R.T.: 0.04 min
 Lab File: VL037701.D
 Acq: 28 Sep 2021 13:00

Tgt Ion:225 Resp: 2023874
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.1 76.7
 227 65.2 52.2 78.4



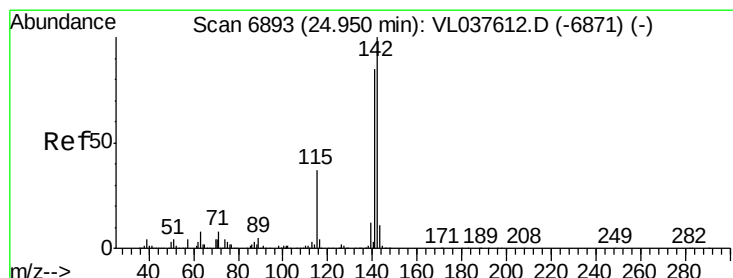
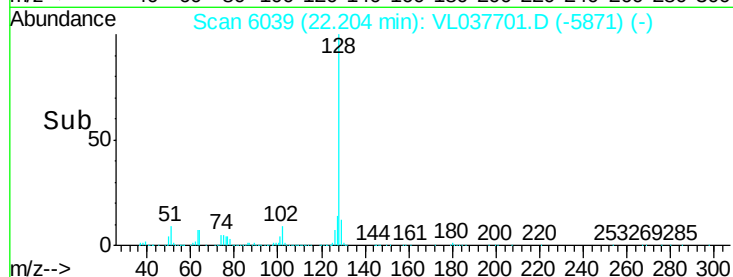
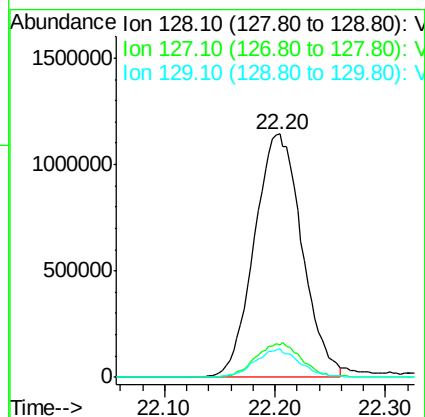
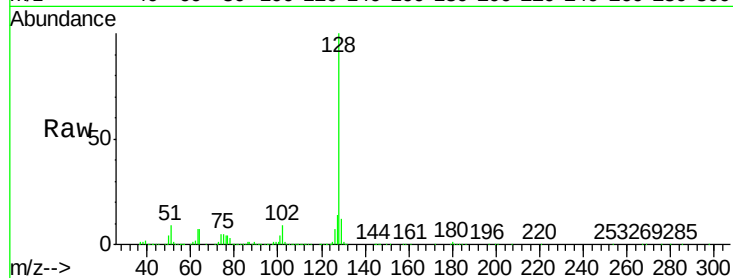


#79
Naphthalene
Concen: 10.754 ppbv
RT: 22.20 min
Instrument: MSVOA_1
Delta R.T.: 0.03 min
Lab File: VL0928ABS01
Acq: 28 Sep 2021 13:00

Tgt Ion: 128
Ion Ratio: 100
127 13.1
129 11.1

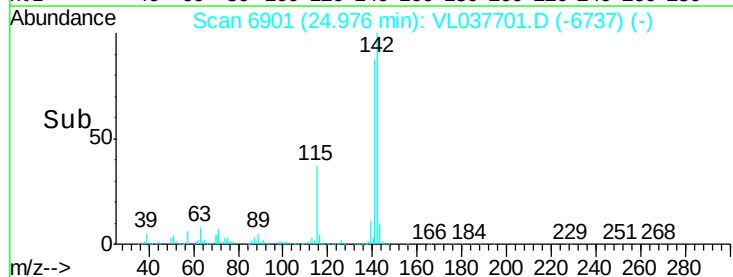
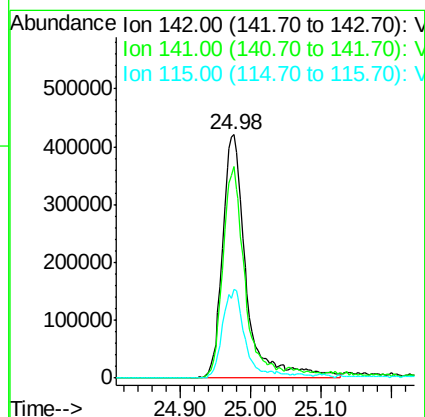
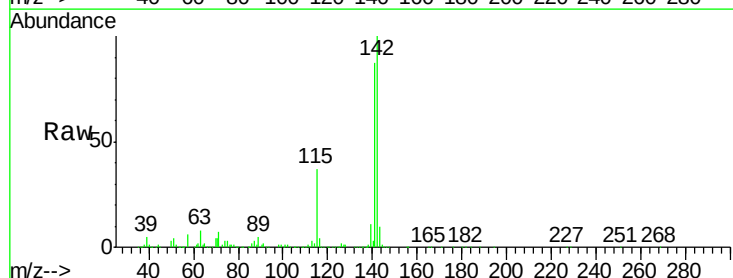
Manual Integrations
APPROVED

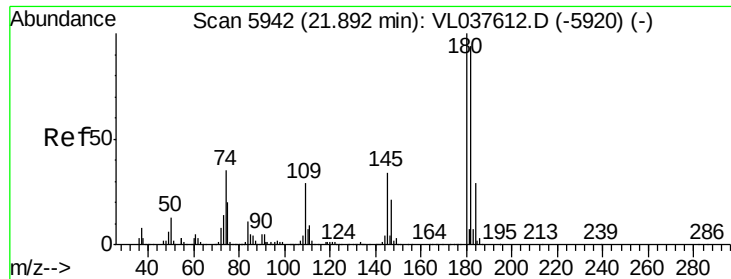
Reviewed By : Semsettin Yesilyurt 09/29/2021
Supervised By : Amit Patel 10/01/2021



#80
Naphthalene, 2-methyl-
Concen: 13.641 ppbv
RT: 24.98 min Scan# 6901
Delta R.T.: 0.03 min
Lab File: VL037701.D
Acq: 28 Sep 2021 13:00

Tgt Ion: 142 Resp: 989696
Ion Ratio Lower Upper
142 100
141 84.4 70.9 106.3
115 36.1 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.103 ppbv
 RT: 21.93
 Instrument : MSVOA_L
 Delta R.T :
 Lab File: ClientSampleId :
 VL0928ABS01
 Acq: 28 Sep 2021 15:00

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/29/2021
 Supervised By :Amit Patel 10/01/2021

