

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037727.D
 Acq On : 29 Sep 2021 11:02
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021

Quant Time: Sep 29 22:35:32 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)
1) Bromochloromethane	5.67	49	1327396	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4019490	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.08	117	3493205m	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2541388	10.07	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.70% apater	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.05	85	1800542	7.496	ppbv	99
3) Chlorodifluoromethane	2.99	51	2605278	10.403	ppbv	98
4) Chloromethane	3.14	50	984146	10.639	ppbv	100
5) Vinyl Chloride	3.26	62	1005387	11.571	ppbv	99
6) Bromomethane	3.48	94	549012	10.871	ppbv	92
7) Chloroethane	3.56	64	345279	10.633	ppbv	97
8) Dichlorotetrafluoroethane	3.19	85	2233178	10.777	ppbv	99
9) Propene	3.01	41	1030402	11.667	ppbv	93
10) Heptane	8.12	43	2422547	11.755	ppbv	99
11) Trichlorofluoromethane	3.95	101	1987218	10.305	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1537969	10.805	ppbv	97
13) Ethanol	3.62	45	89534m	10.364	ppbv	
14) Bromoethene	3.74	108	677088	10.450	ppbv	98
15) Acetone	3.85	43	1218912	8.838	ppbv	99
16) 1,3-Butadiene	3.33	39	987145	11.455	ppbv	98
17) tert-Butyl alcohol	4.29	59	1355803	11.593	ppbv	99
18) 1,1-Dichloroethene	4.29	96	699288	10.546	ppbv	93
19) Isopropyl Alcohol	3.97	45	775268	10.331	ppbv	99
20) Methylene Chloride	4.35	84	594486	9.029	ppbv	98
21) Allyl Chloride	4.41	41	1190478	11.554	ppbv	96
22) trans-1,2-Dichloroethene	4.89	96	736378	11.037	ppbv	99
23) Vinyl Acetate	5.07	43	2285569	11.976	ppbv	97
24) 1,1-Dichloroethane	5.01	63	1432891	10.481	ppbv	99
25) Ethyl Acetate	5.68	43	3718185	11.131	ppbv	100
26) Hexane	5.69	57	1775418	11.189	ppbv	99
27) Carbon Disulfide	4.55	76	1670764	11.510	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1581299	11.315	ppbv	100
29) Chloroform	5.75	83	2369226	10.226	ppbv	98
30) Cyclohexane	7.13	84	1460588	10.763	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1632896	11.336	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2252794	10.444	ppbv	99
34) 2-Butanone	5.24	43	1705053	10.439	ppbv	100
35) Carbon Tetrachloride	7.02	117	2304394	10.135	ppbv	98
36) Benzene	6.89	78	3607963	10.765	ppbv	98
37) 1,2-Dichloroethane	6.31	62	1669012	10.125	ppbv	100
38) Trichloroethene	7.83	130	1408137	10.057	ppbv	98
39) 1,2-Dichloropropane	7.61	63	1387641	10.809	ppbv	98
40) 1,4-Dioxane	7.83	88	317873	10.179	ppbv	65
41) Tetrahydrofuran	6.05	42	894262	11.646	ppbv	100
42) Bromodichloromethane	7.79	83	2501223	10.587	ppbv	99
43) Methyl Methacrylate	8.01	69	1320943	11.847	ppbv	99

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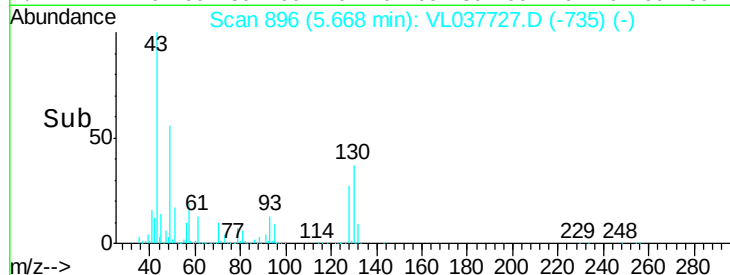
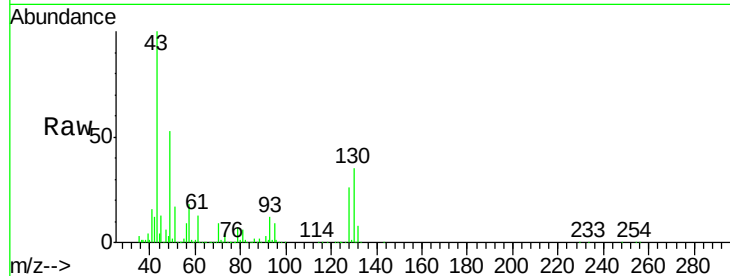
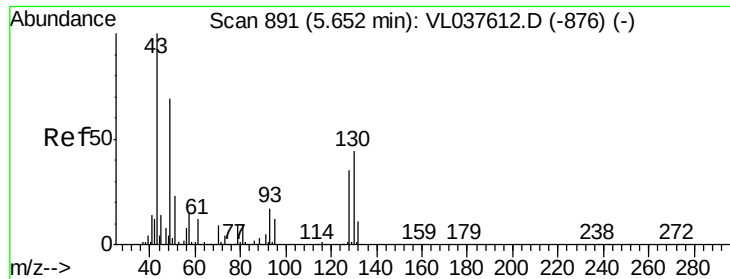
Manual Integrations
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 Supervised By : Amit Patel 10/01/2021

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 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

9/30/2021 9:32:14 PM						
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	6090091	10.808	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1113115	12.709	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1509577	12.760	ppbv	98
47) 1,1,2-Trichloroethane	9.47	97	1403577	9.884	ppbv	97
48) Dibromochloromethane	10.30	129	2127451	10.739	ppbv	98
49) Bromoform	13.04	173	1660208	10.471	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2420863	11.677	ppbv	99
51) 2-Hexanone	10.13	43	1111166	12.147	ppbv #	98
52) Tetrachloroethene	11.22	164	1314819	10.218	ppbv	96
53) Toluene	9.81	91	4162423	11.173	ppbv	99
54) 1,2-Dibromoethane	10.61	107	1999564	10.283	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1474595	10.177	ppbv #	90
57) Chlorobenzene	12.15	112	2880707	9.919	ppbv	97
58) Ethyl Benzene	12.71	91	5139157	11.083	ppbv	97
59) m/p-Xylene	12.99	91	8439972m	20.886	ppbv	
60) o-Xylene	13.69	91	3931099	10.221	ppbv	98
61) Styrene	13.53	104	2221749	11.715	ppbv	98
62) Isopropylbenzene	14.66	105	5477708	10.195	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.67	83	2749631	9.135	ppbv	100
64) n-propylbenzene	15.56	120	1434774	10.348	ppbv	83
65) tert-Butylbenzene	16.74	119	4828474	9.967	ppbv	100
66) Benzyl Chloride	16.98	91	285108	10.769	ppbv	97
67) sec-Butylbenzene	17.29	105	6708732	10.207	ppbv	100
69) p-Isopropyltoluene	17.65	119	5626703	10.479	ppbv	100
70) n-Butylbenzene	18.54	91	5503953	10.833	ppbv	99
71) 2-Chlorotoluene	15.45	91	3983912	10.346	ppbv	98
72) 4-Ethyltoluene	15.83	105	4818205	10.913	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4279297	10.398	ppbv	99
74) 1,2,4-Trimethylbenzene	16.76	105	4377214	10.098	ppbv	98
75) 1,3-Dichlorobenzene	16.99	146	2729433	10.135	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2571936	9.683	ppbv	98
77) 1,2-Dichlorobenzene	17.81	146	2585250	10.121	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2130688	9.911	ppbv	100
79) Naphthalene	22.18	128	3741267	14.057	ppbv	98
80) Naphthalene,2-methyl-	24.97	142	990040	16.275	ppbv	96
81) 1,2,4-Trichlorobenzene	21.92	180	2162952	12.658	ppbv	99

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

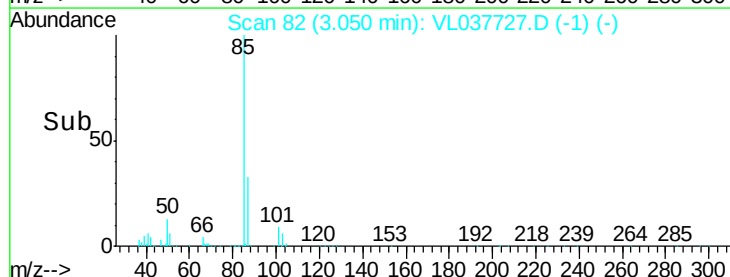
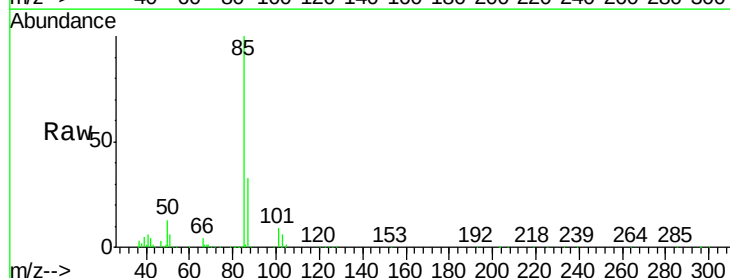
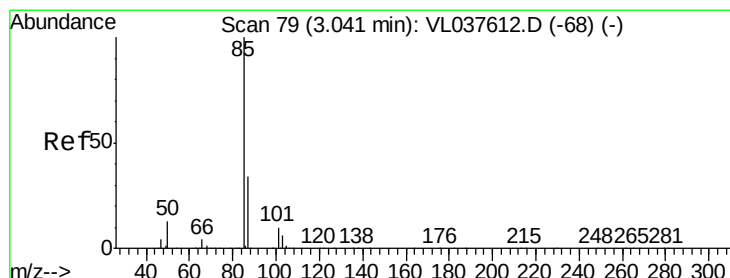
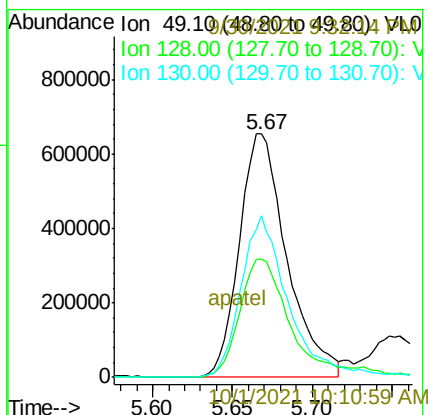


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id:
 Lab File: VSTDCCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion:
 Ion Ratio
 49 100
 128 54.
 130 66.

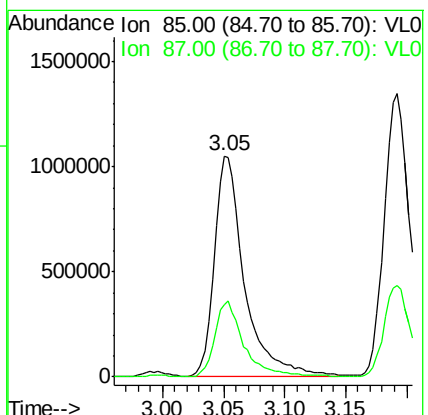
Manual Integrations
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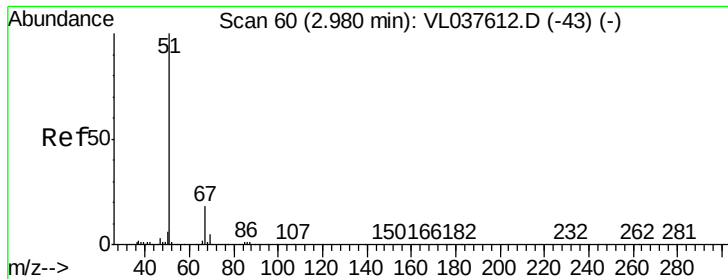
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#2
 Dichlorodifluoromethane
 Concen: 7.496 ppbv
 RT: 3.05 min Scan# 82
 Delta R.T.: 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 85 Resp: 1800542
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.8 40.2





#3

Chlorodifluoromethane

Concen: 10.405 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 11:02 VSTDCCC010EC

Tgt Ion:

Ion Ratio

51 100

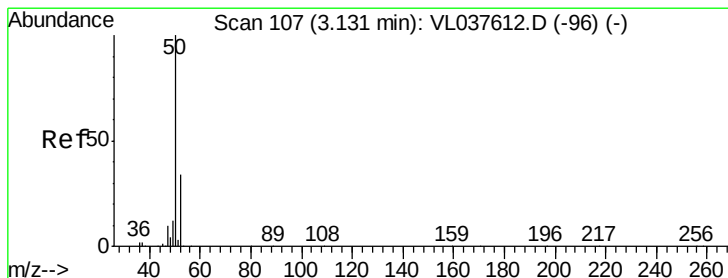
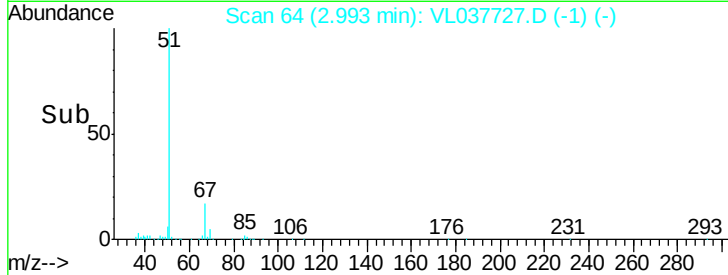
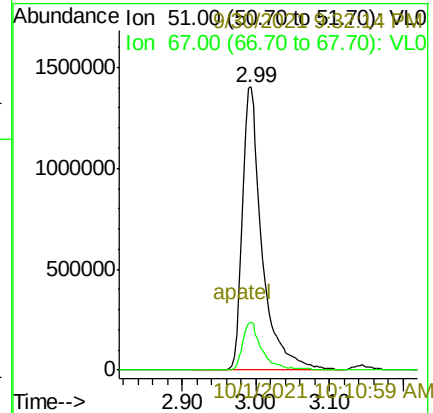
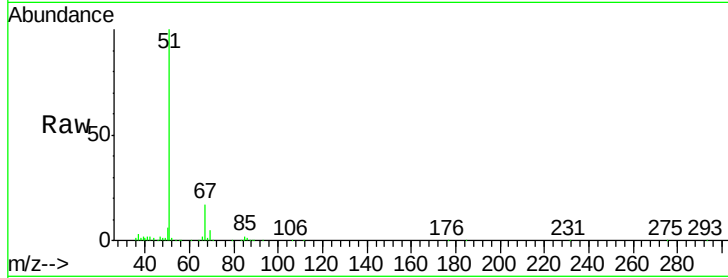
67 16.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#4

Chloromethane

Concen: 10.639 ppbv

RT: 3.14 min Scan# 111

Delta R.T. 0.01 min

Lab File: VL037727.D

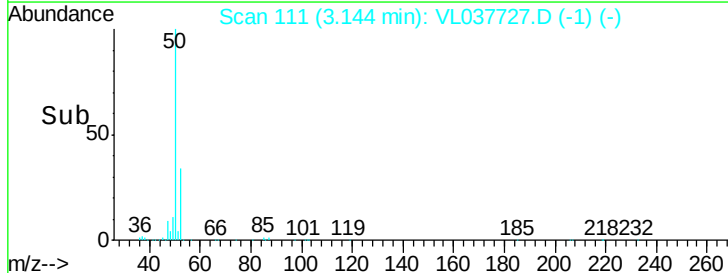
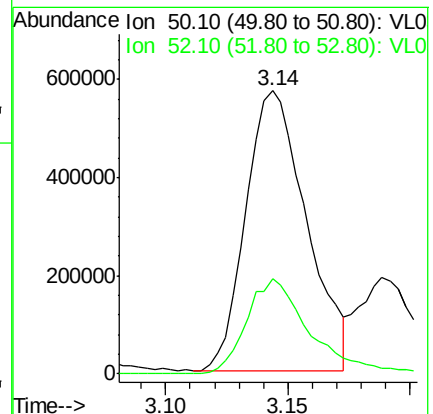
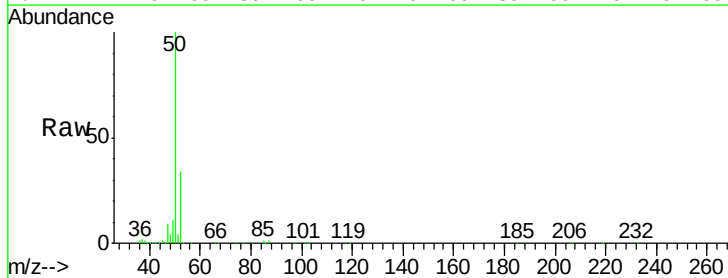
Acq: 29 Sep 2021 11:02

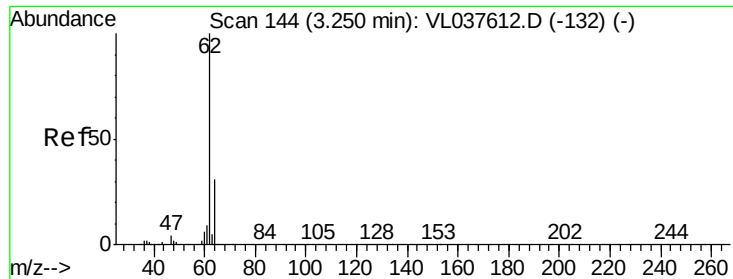
Tgt Ion: 50 Resp: 984146

Ion Ratio Lower Upper

50 100

52 34.1 27.1 40.7





#5

Vinyl Chloride

Concen: 11.571 ppbv

RT: 3.26

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

62 100

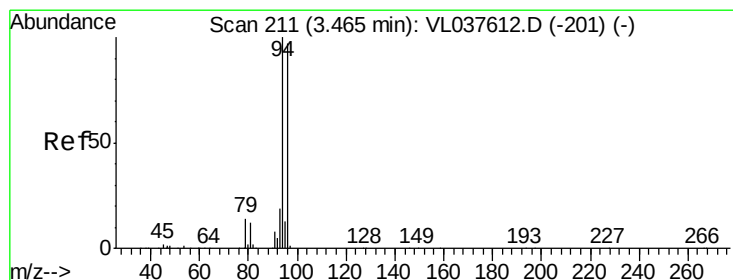
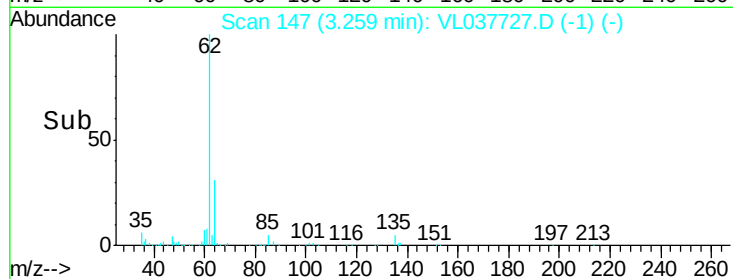
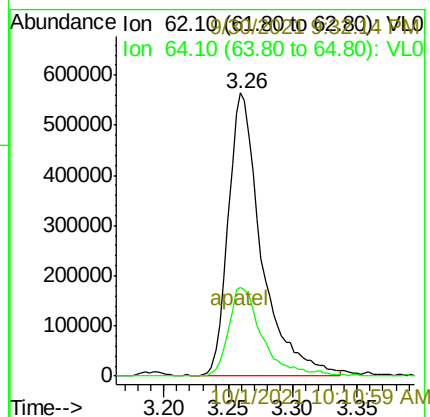
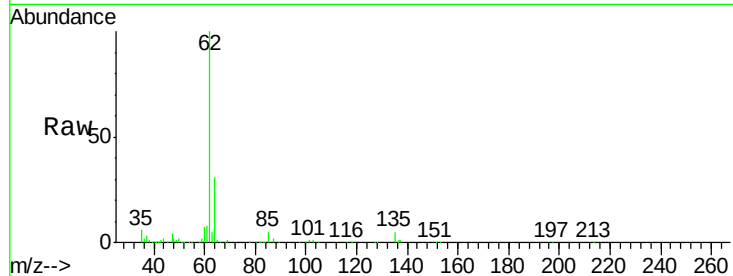
64 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#6

Bromomethane

Concen: 10.871 ppbv

RT: 3.48 min Scan# 215

Delta R.T. 0.01 min

Lab File: VL037727.D

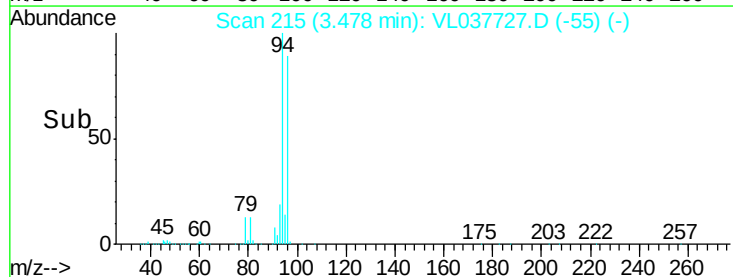
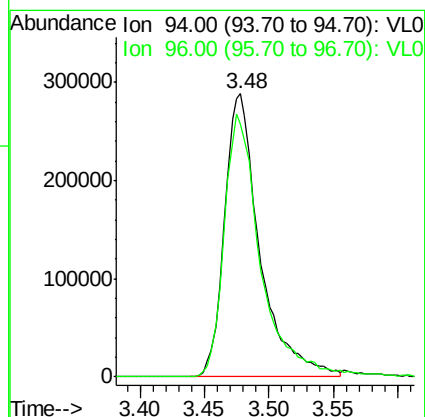
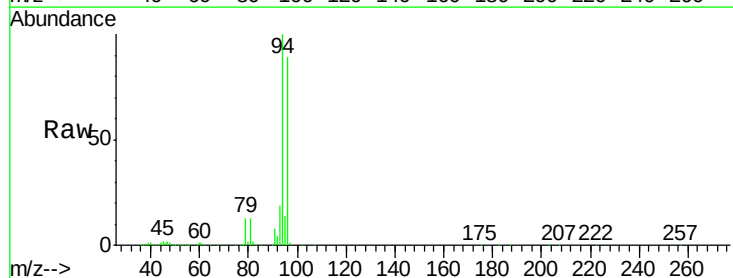
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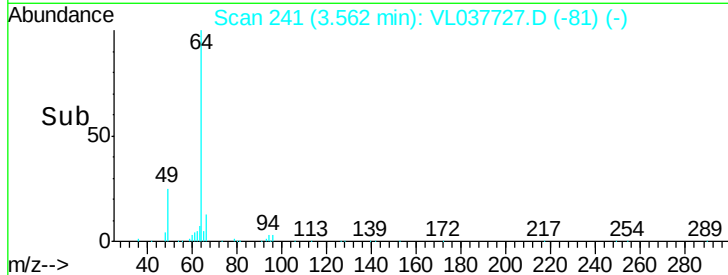
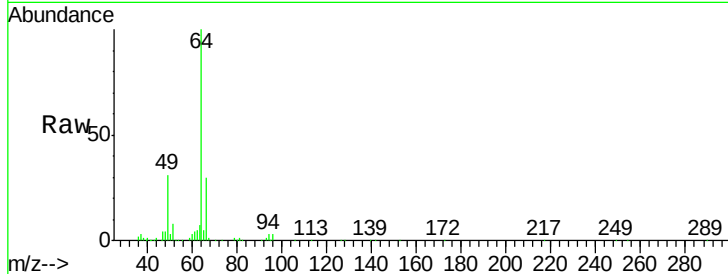
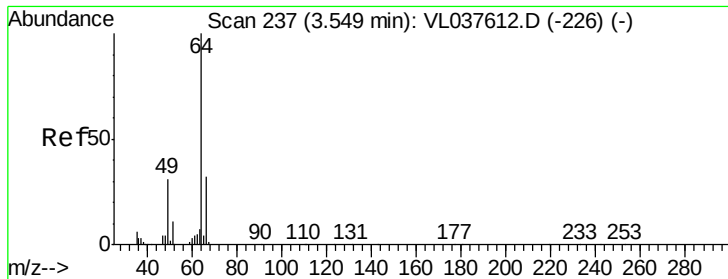
Tgt Ion: 94 Resp: 549012

Ion Ratio Lower Upper

94 100

96 89.2 77.3 115.9





#7

Chloroethane

Concen: 10.633 ppbv

RT: 3.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

64 100

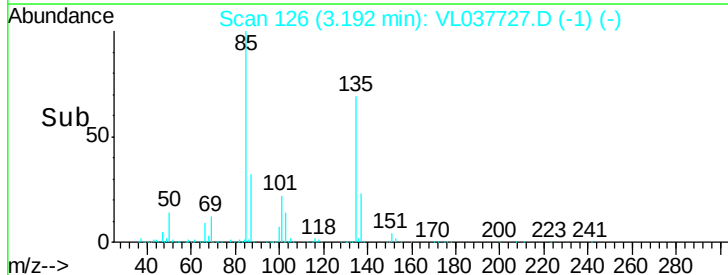
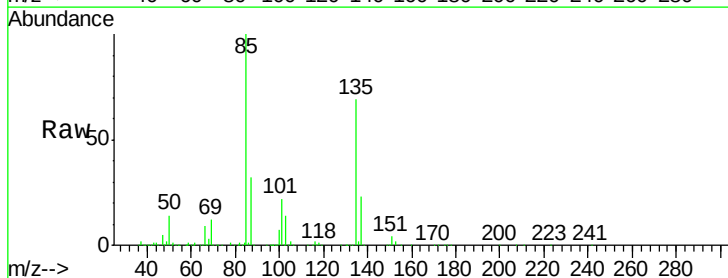
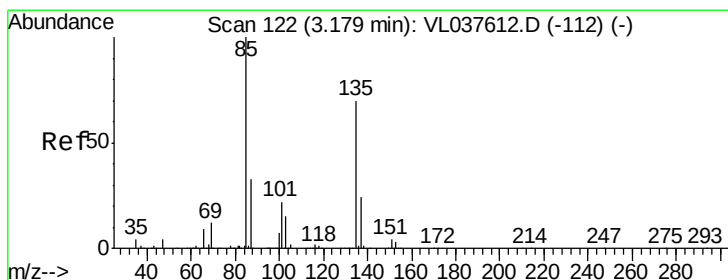
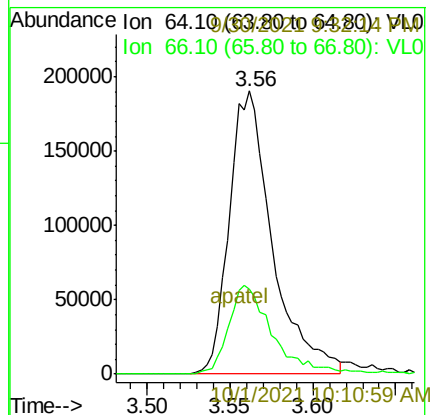
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#8

Dichlorotetrafluoroethane

Concen: 10.777 ppbv

RT: 3.19 min Scan# 126

Delta R.T. 0.01 min

Lab File: VL037727.D

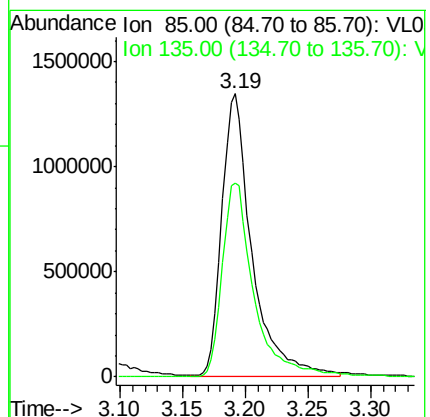
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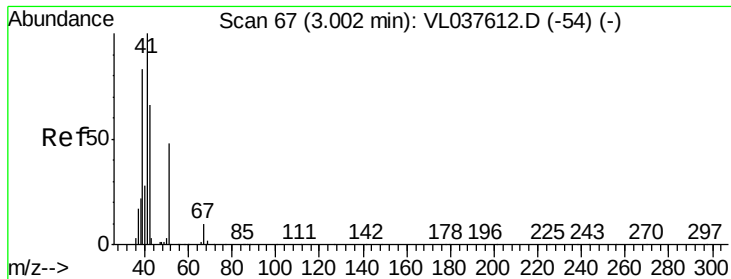
Tgt Ion: 85 Resp: 2233178

Ion Ratio Lower Upper

85 100

135 73.4 59.3 88.9



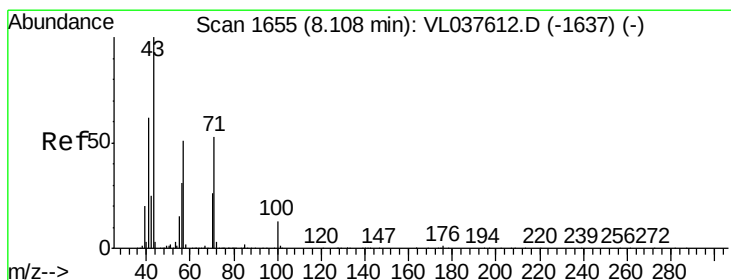
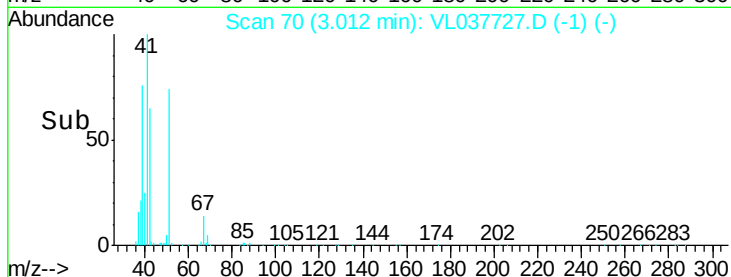
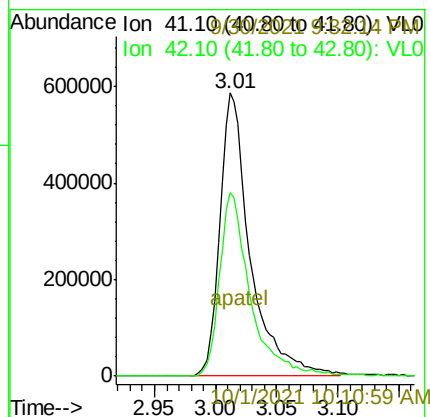
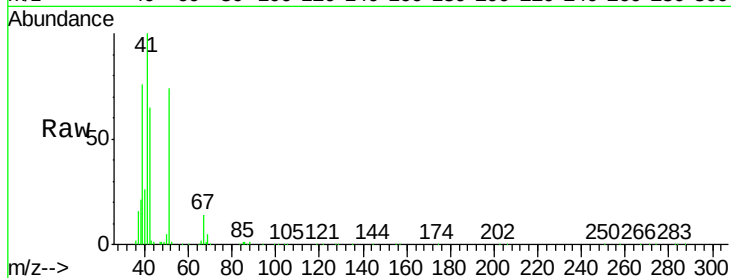


#9
 Propene
 Concen: 11.667 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion:
 Ion Ratio
 41 100
 42 66.

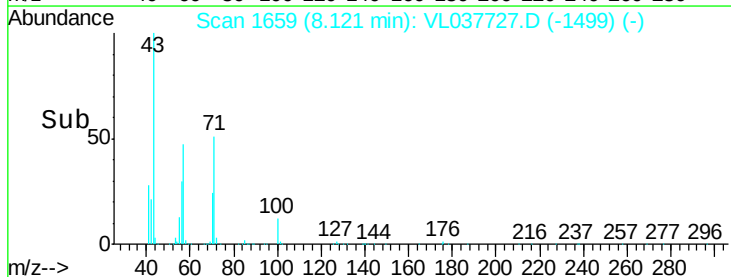
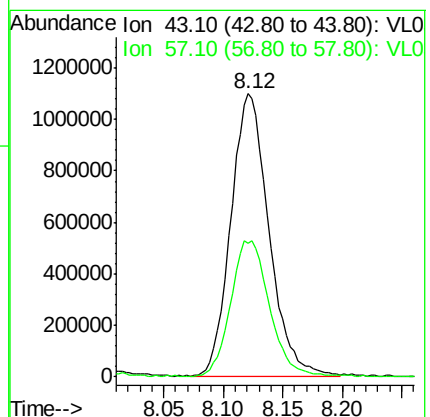
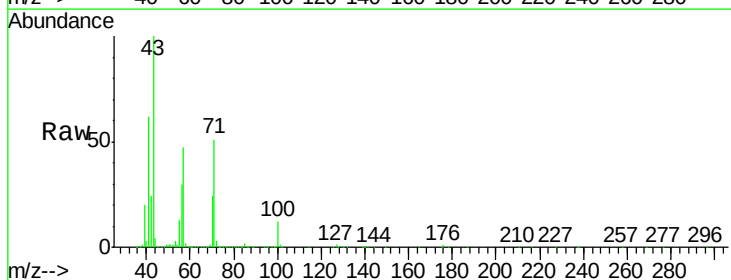
Manual Integrations
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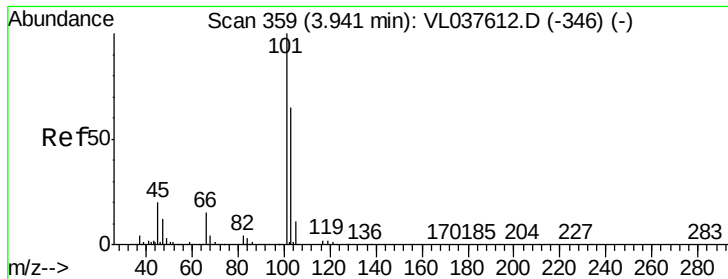
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#10
 Heptane
 Concen: 11.755 ppbv
 RT: 8.12 min Scan# 1659
 Delta R.T. 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 43 Resp: 2422547
 Ion Ratio Lower Upper
 43 100
 57 49.4 40.1 60.1



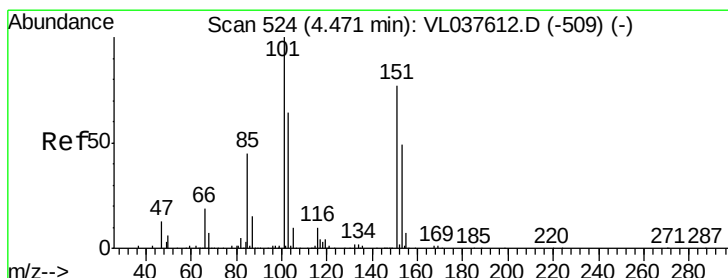
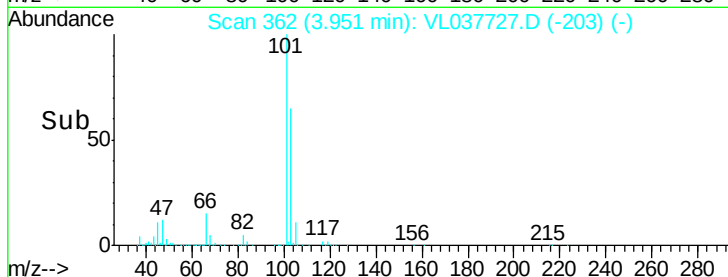
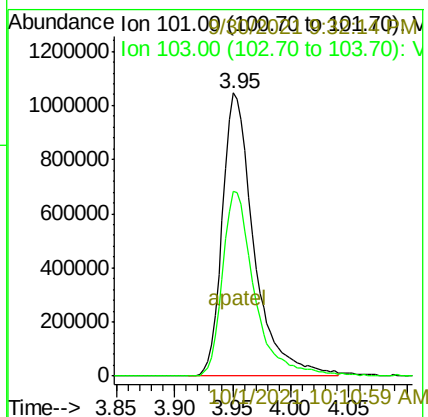
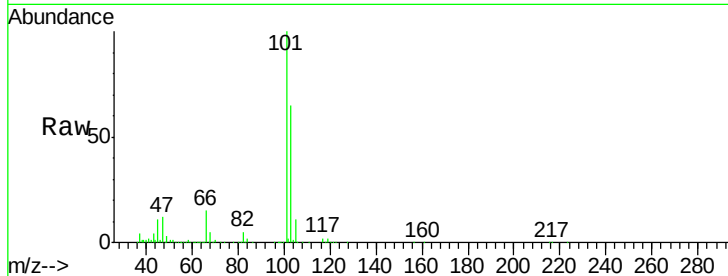


#11
 Trichlorofluoromethane
 Concen: 10.305 ppbv
 RT: 3.95 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 29 Sep 2021 11:02

Tgt Ion: 101
 Ion Ratio: 100
 103 65.

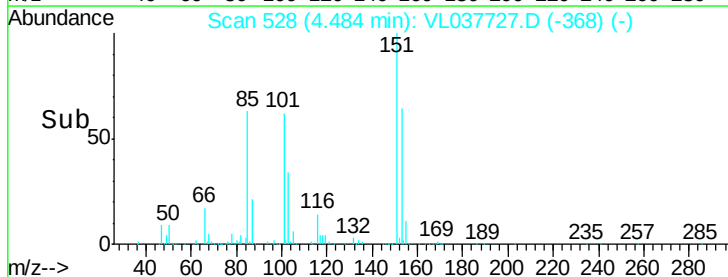
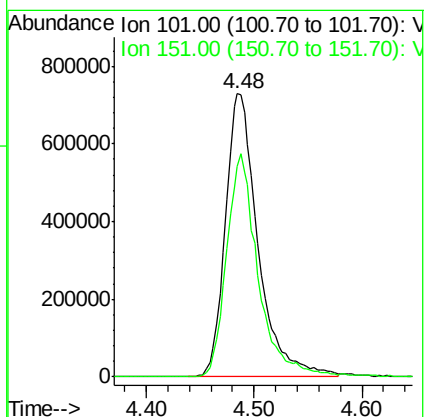
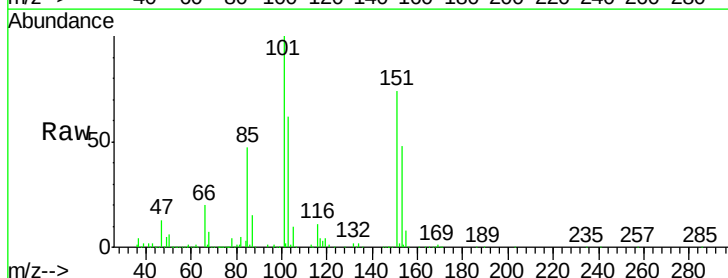
Manual Integrations
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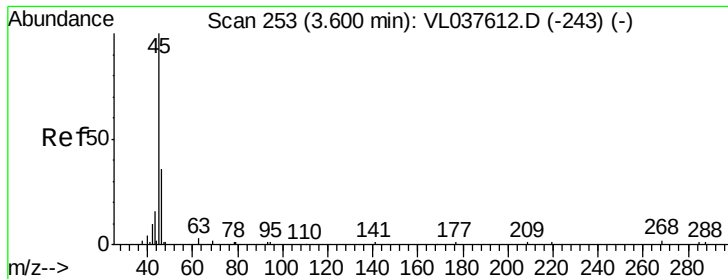
Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.805 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 101 Resp: 1537969
 Ion Ratio Lower Upper
 101 100
 151 76.7 63.5 95.3



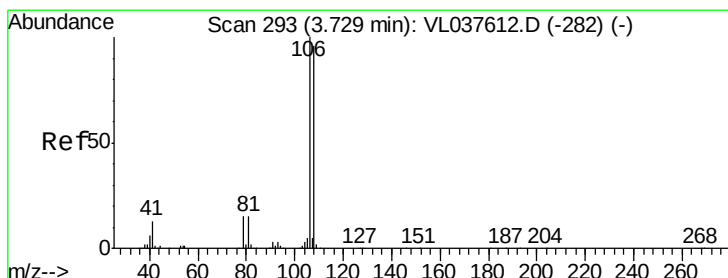
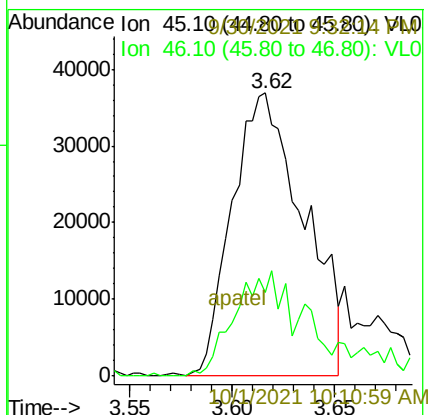
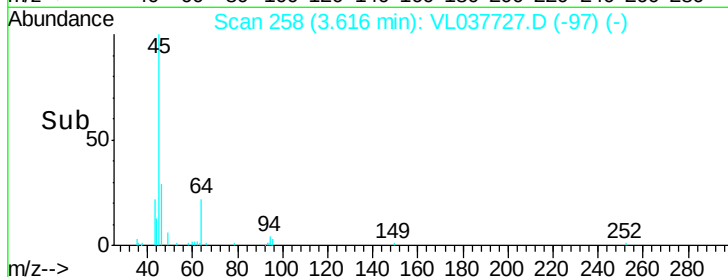
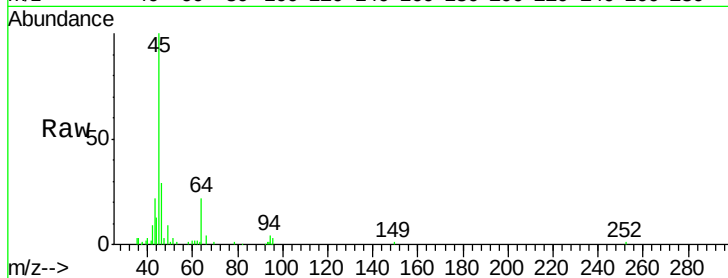


#13
Ethanol
Concen: 10.364 ppbv m
RT: 3.62
Instrument: MSVOA_L
Delta R.T.:
ClientSampleId:
Lab File: VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
45 100
46 35.

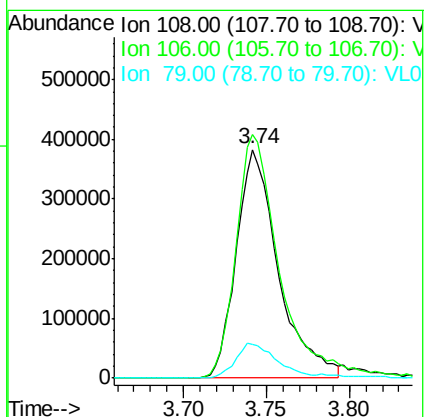
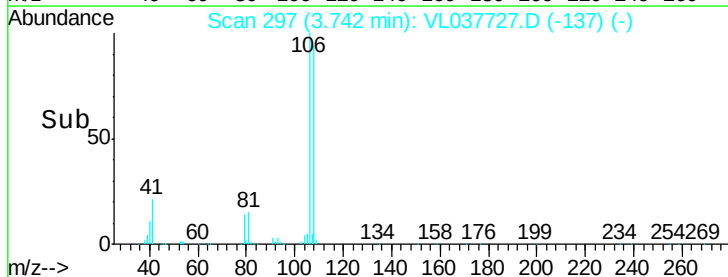
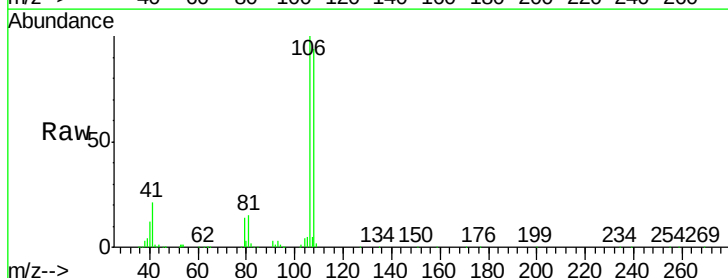
Manual Integrations
APPROVED

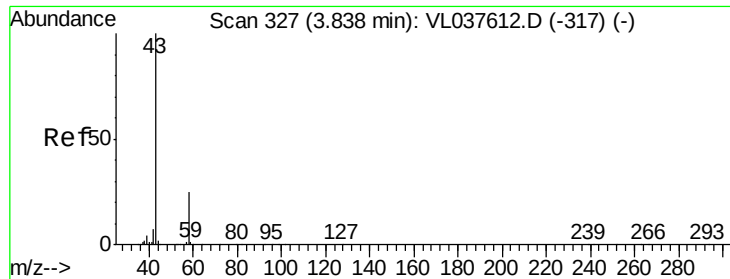
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#14
Bromoethene
Concen: 10.450 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion:108 Resp: 677088
Ion Ratio Lower Upper
108 100
106 112.7 88.2 132.4
79 16.2 12.8 19.2



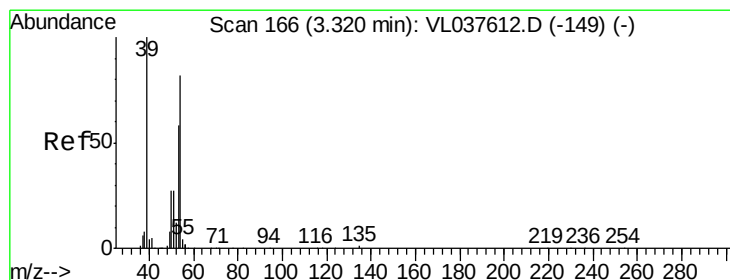
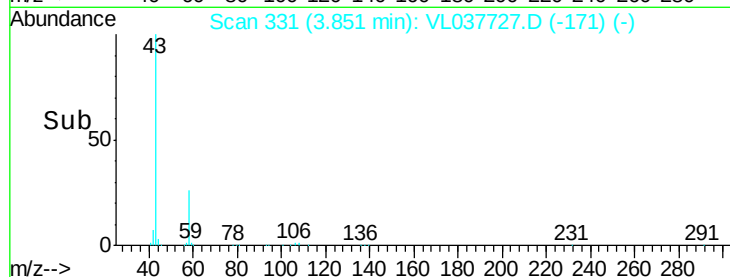
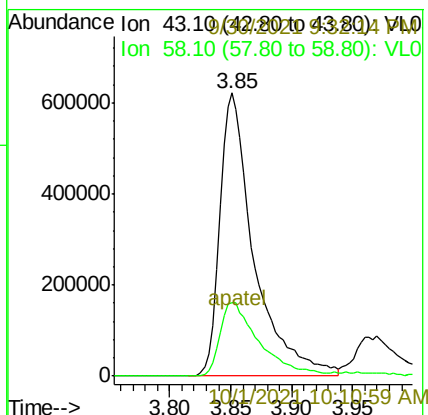
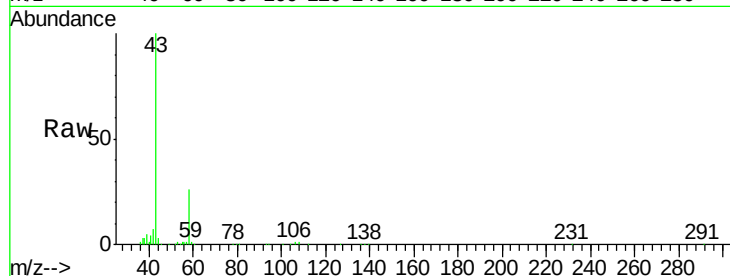


#15
Acetone
Concen: 8.838 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
43 100
58 30.

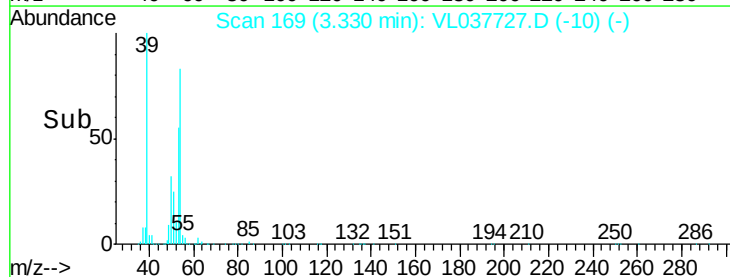
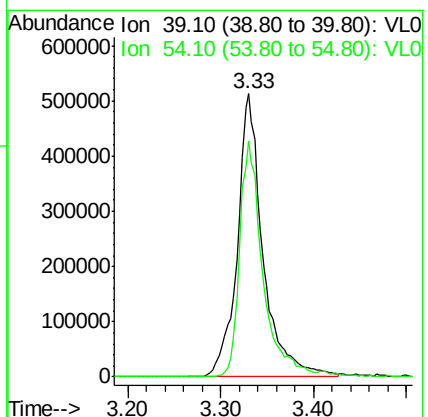
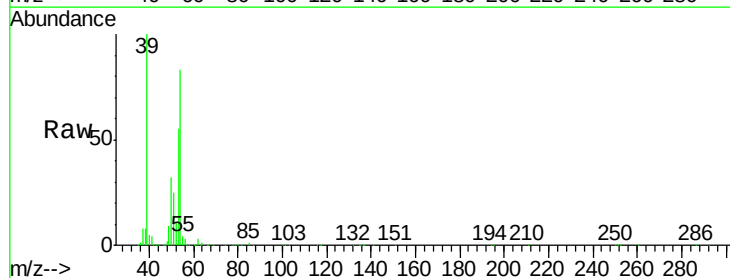
Manual Integrations
APPROVED

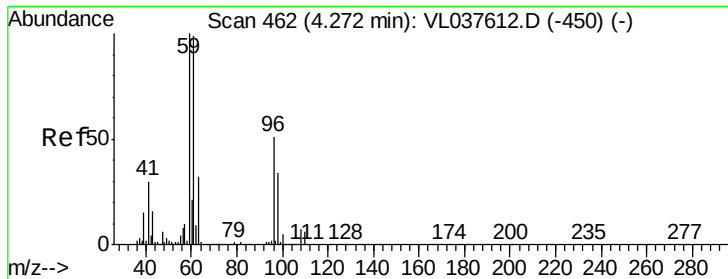
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#16
1,3-Butadiene
Concen: 11.455 ppbv
RT: 3.33 min Scan# 169
Delta R.T. 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 39 Resp: 987145
Ion Ratio Lower Upper
39 100
54 76.5 62.6 93.8





#17

tert-Butyl alcohol

Concen: 11.593 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDCCC010EC

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

59 100

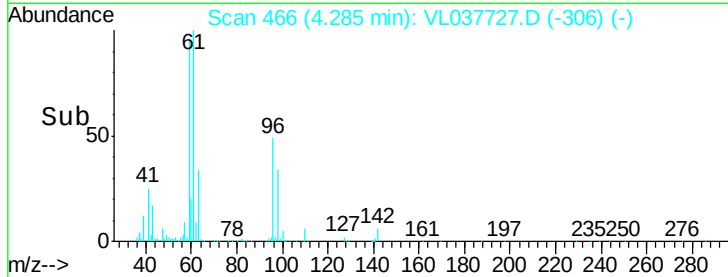
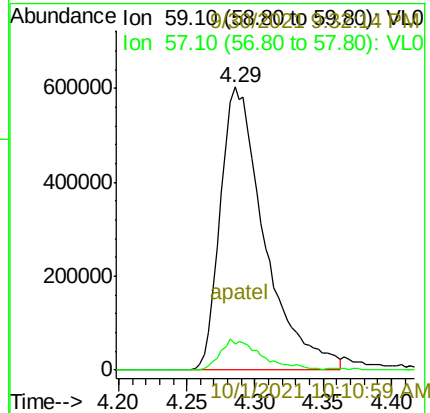
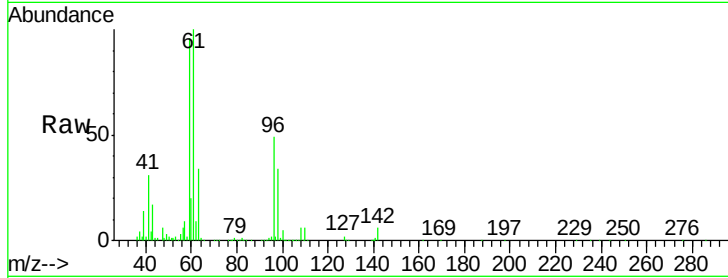
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#18

1,1-Dichloroethene

Concen: 10.546 ppbv

RT: 4.29 min Scan# 468

Delta R.T. 0.01 min

Lab File: VL037727.D

Acq: 29 Sep 2021 11:02

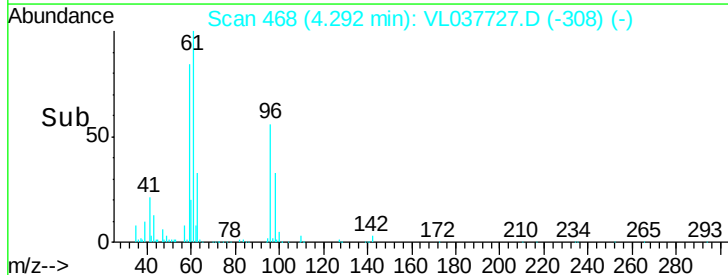
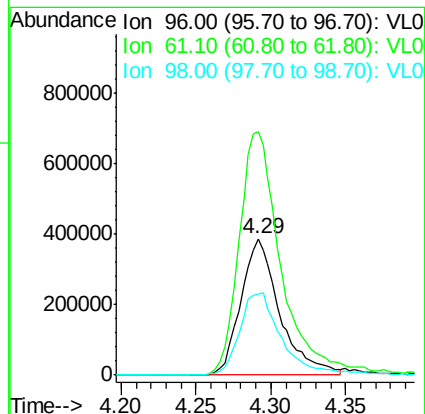
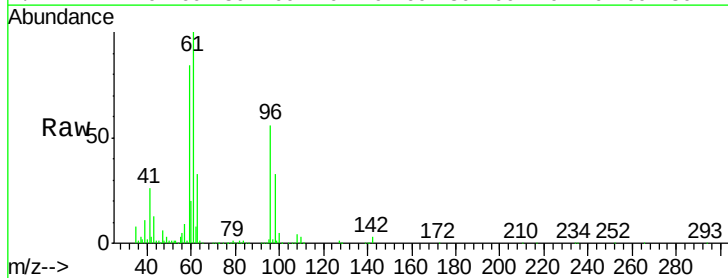
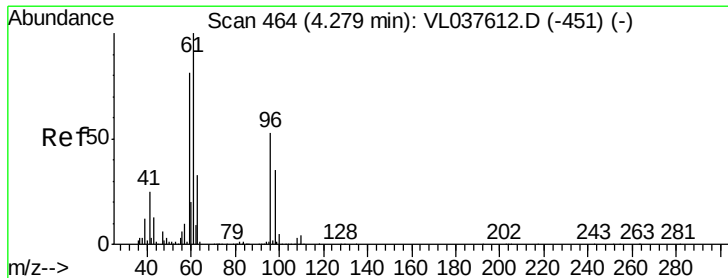
Tgt Ion: 96 Resp: 699288

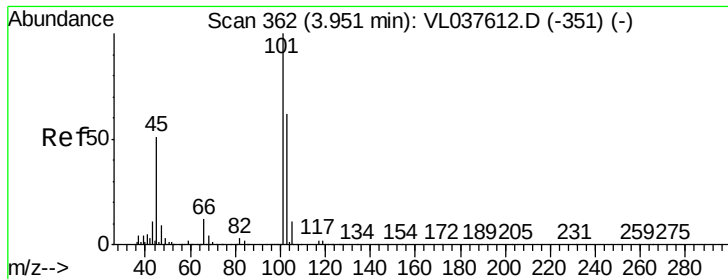
Ion Ratio Lower Upper

96 100

61 178.8 150.4 225.6

98 59.2 52.1 78.1





#19

Isopropyl Alcohol

Concen: 10.331 ppbv

RT: 3.97

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

45 100

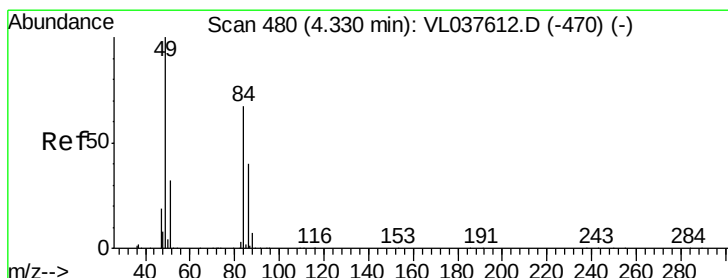
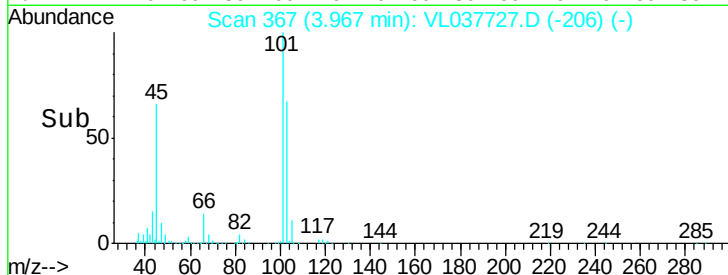
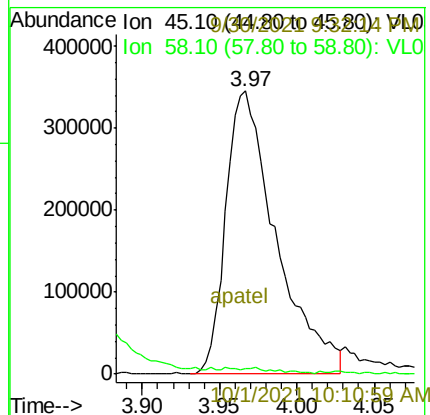
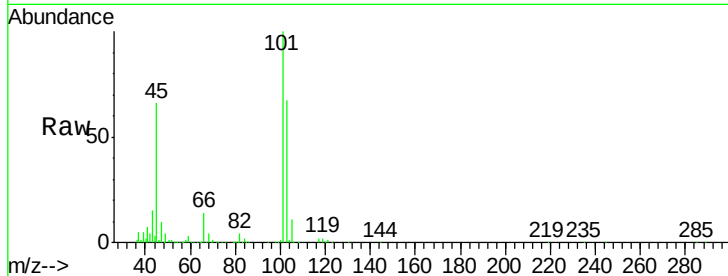
58 3.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#20

Methylene Chloride

Concen: 9.029 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.02 min

Lab File: VL037727.D

Acq: 29 Sep 2021 11:02

Tgt Ion: 84 Resp: 594486

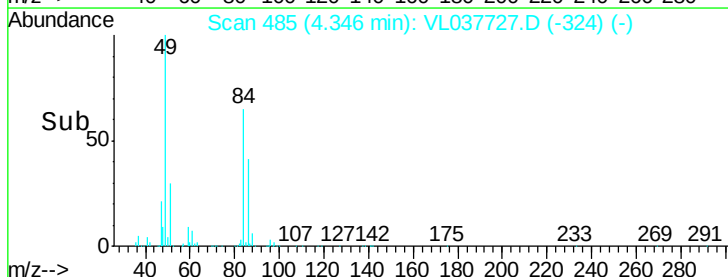
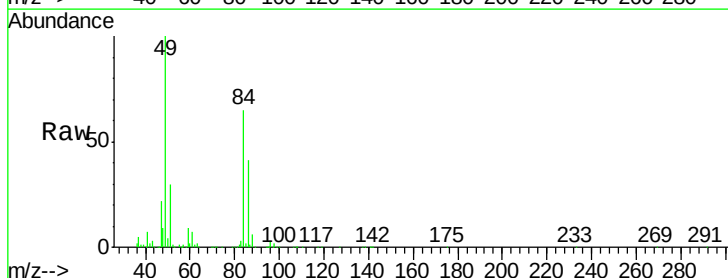
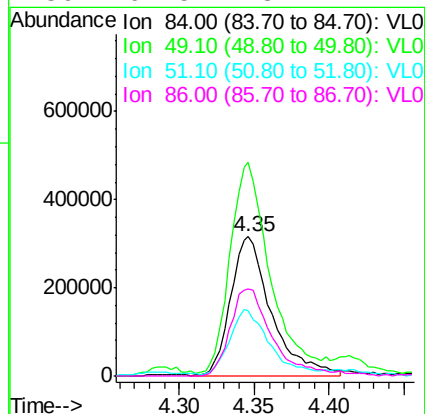
Ion Ratio Lower Upper

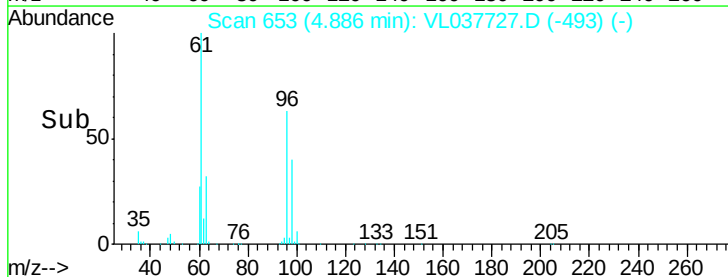
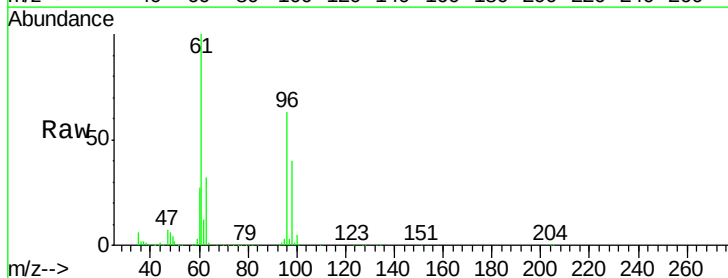
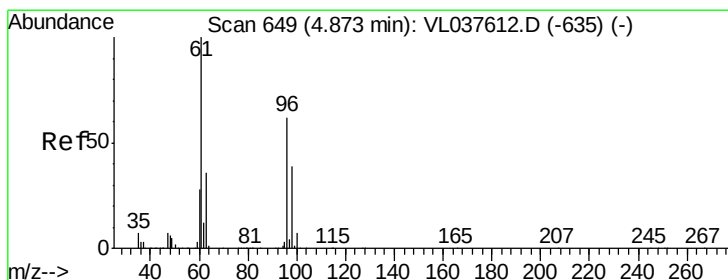
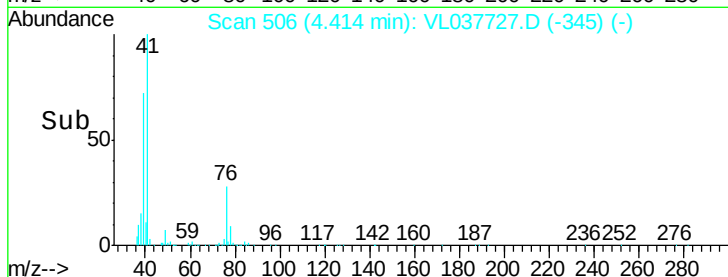
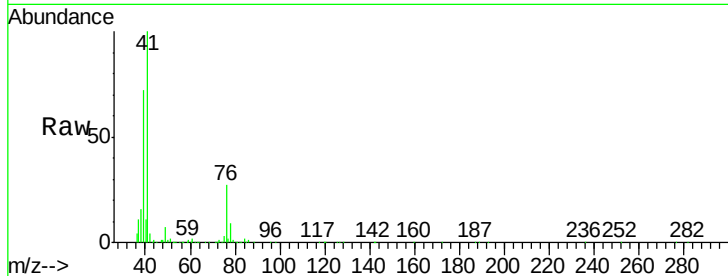
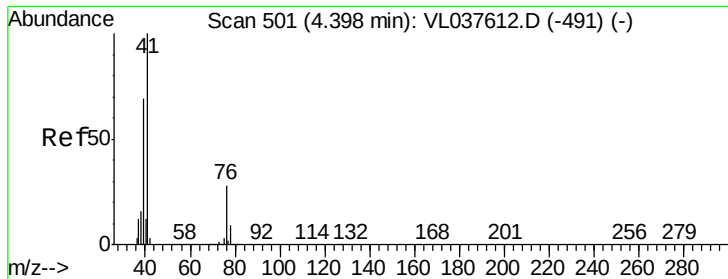
84 100

49 150.5 120.0 180.0

51 45.1 38.0 57.0

86 62.5 48.2 72.2



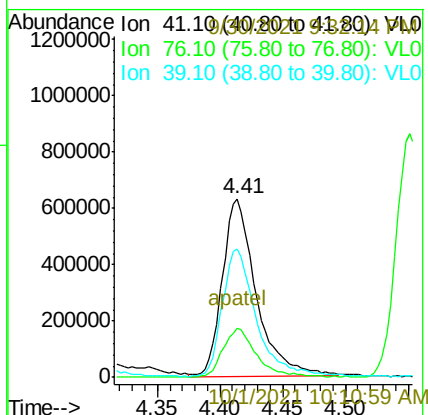


#21
 Allyl Chloride
 Concen: 11.554 ppbv
 RT: 4.41
 Instrument: MSVOA_L
 Delta R.T.:
 Client Sample Id: VSTDCCC010EC
 Lab File:
 Acq: 29 Sep 2021 11:02

Tgt Ion:
 Ion Ratio
 41 100
 76 27.
 39 72.

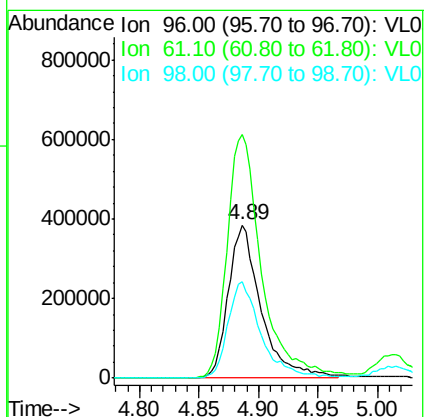
Manual Integrations
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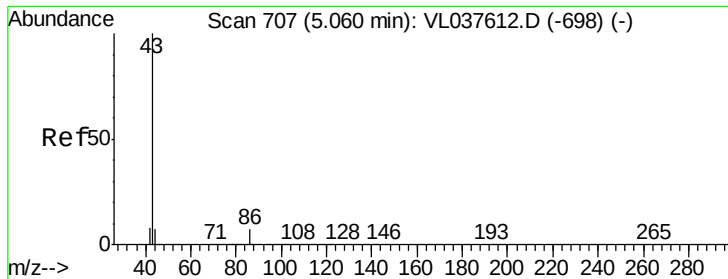
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#22
 trans-1,2-Dichloroethene
 Concen: 11.037 ppbv
 RT: 4.89 min Scan# 653
 Delta R.T.: 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 96 Resp: 736378
 Ion Ratio Lower Upper
 96 100
 61 159.1 129.2 193.8
 98 63.2 50.4 75.6





#23

Vinyl Acetate

Concen: 11.976 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

43 100

86 7.

42 8.

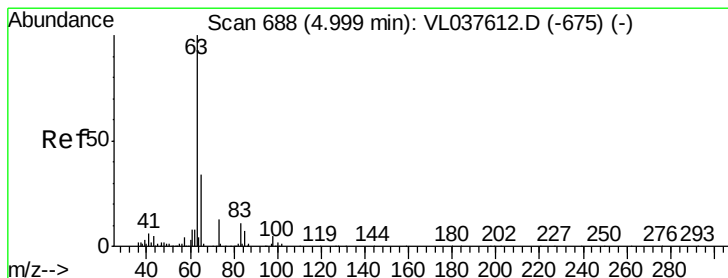
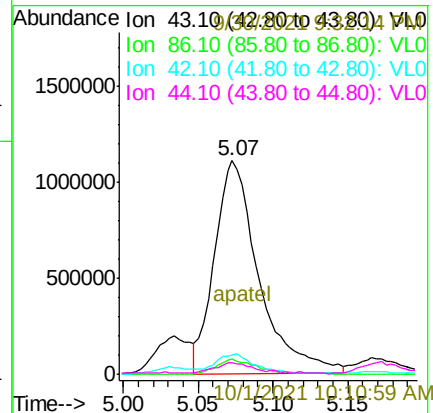
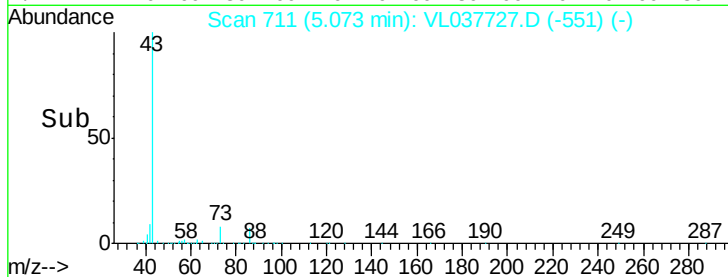
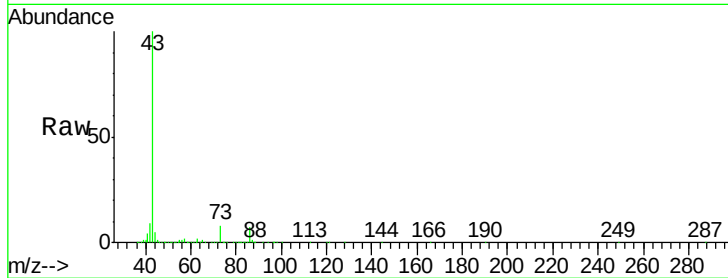
44 4.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#24

1,1-Dichloroethane

Concen: 10.481 ppbv

RT: 5.01 min Scan# 691

Delta R.T. 0.01 min

Lab File: VL037727.D

Acq: 29 Sep 2021 11:02

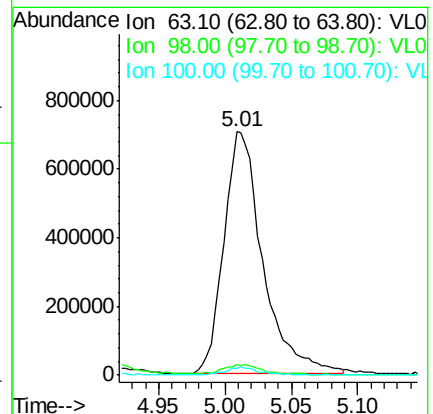
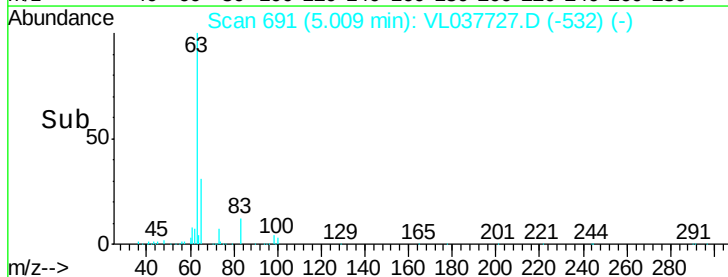
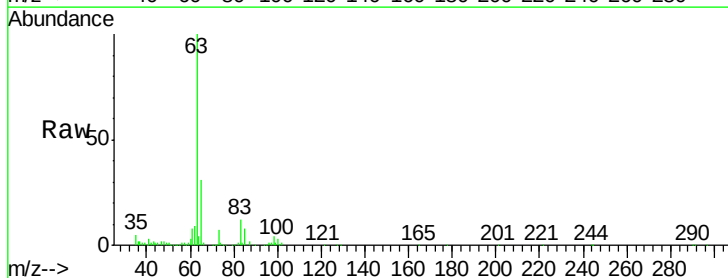
Tgt Ion: 63 Resp: 1432891

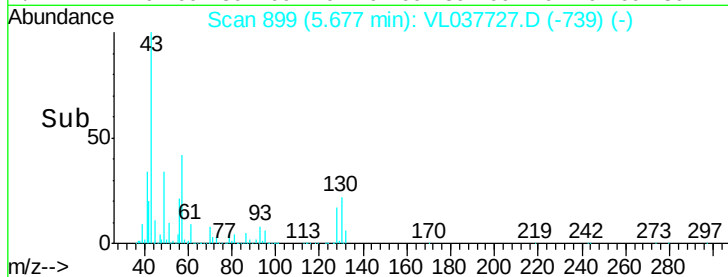
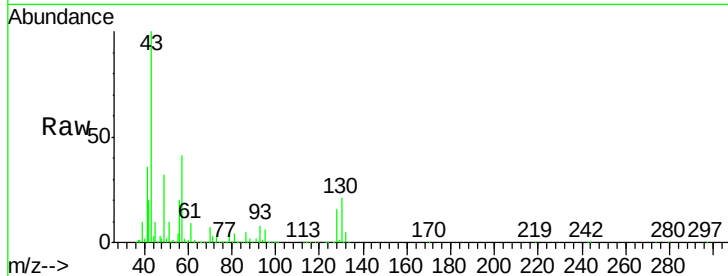
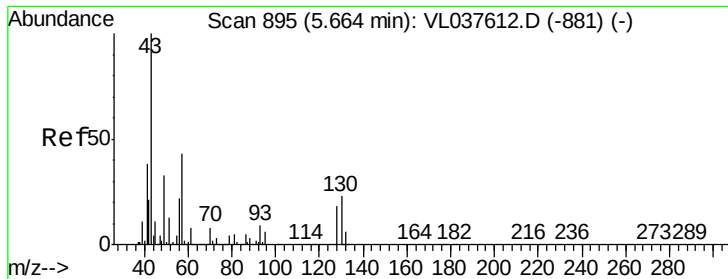
Ion Ratio Lower Upper

63 100

98 4.3 2.4 7.2

100 2.7 1.1 3.5



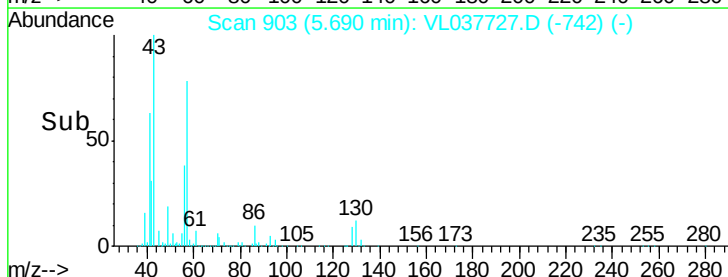
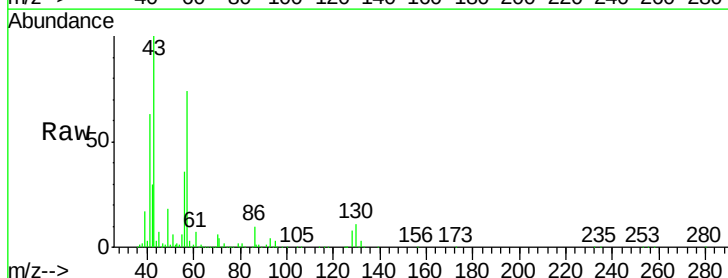
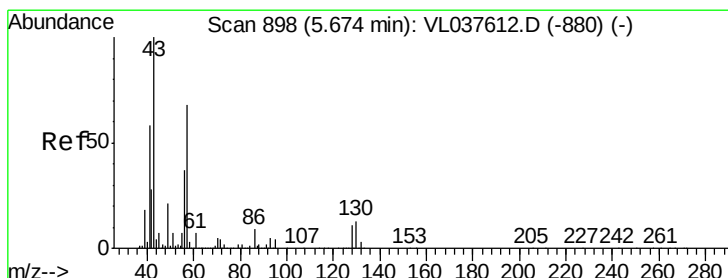
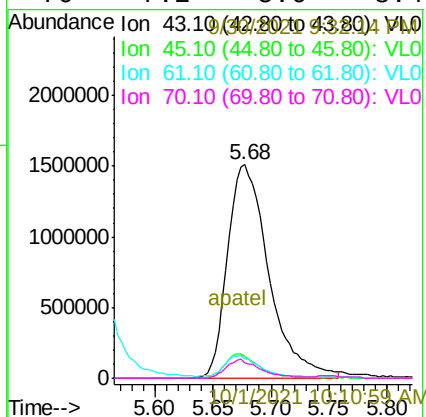


#25
Ethyl Acetate
Concen: 11.131 ppbv
RT: 5.68
Instrument: MSVOA_L
Delta R.T.: 0.02
Client Sample Id: VSTDCC010EC
Lab File: VSTDCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion: 43.10 (42.80 to 43.80): VL0
Ion Ratio 100
45 10.
61 9.
70 7.2 5.6 8.4

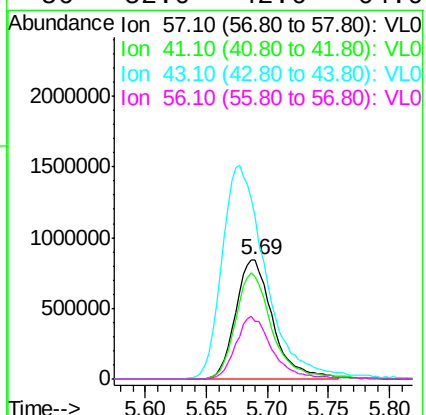
Manual Integrations
APPROVED

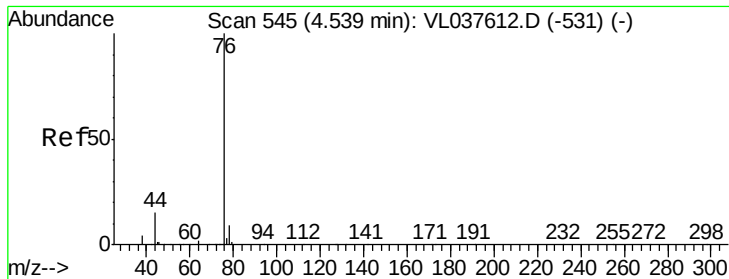
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#26
Hexane
Concen: 11.189 ppbv
RT: 5.69 min Scan# 903
Delta R.T.: 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 57 Resp: 1775418
Ion Ratio Lower Upper
57 100
41 89.1 70.9 106.3
43 214.7 170.4 255.6
56 52.0 42.6 64.0



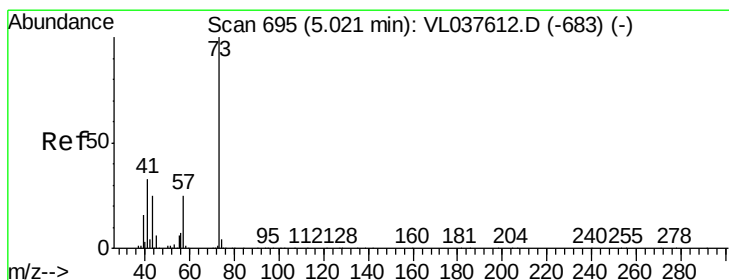
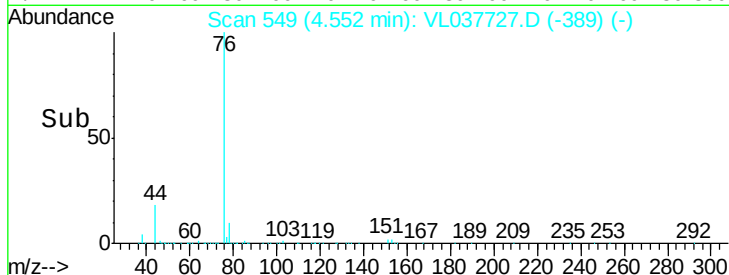
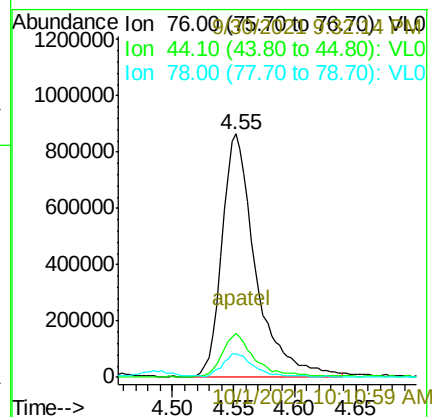
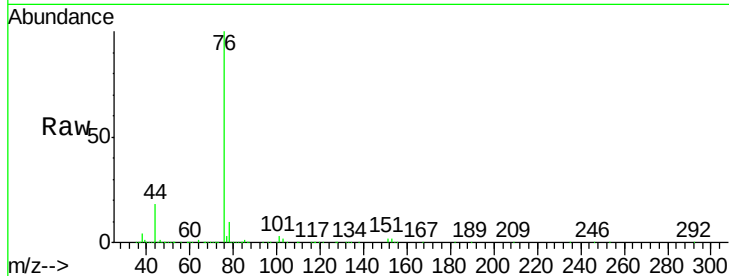


#27
Carbon Disulfide
Concen: 11.510 ppbv
RT: 4.55
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
76 100
44 17.
78 9.

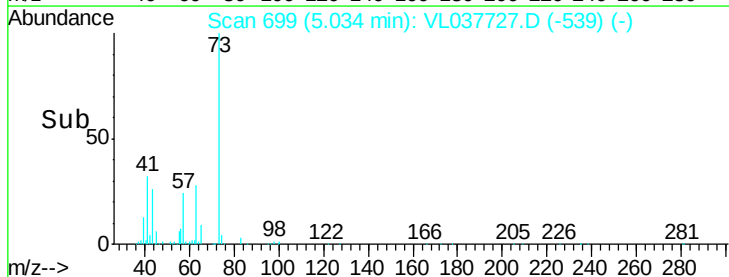
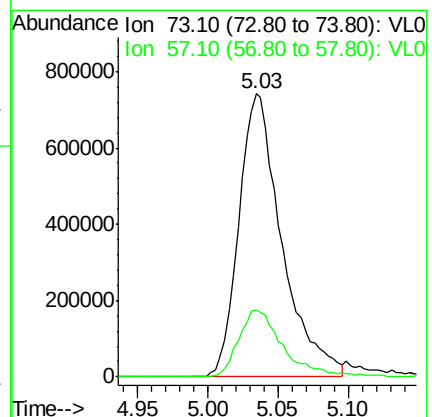
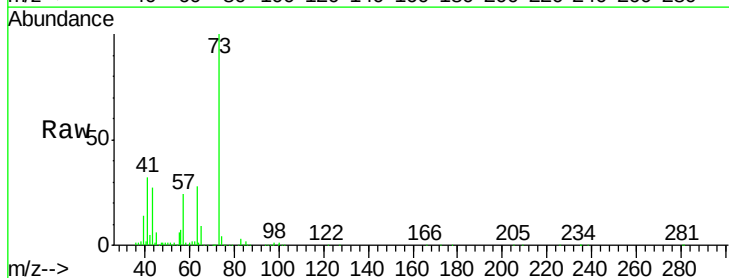
Manual Integrations
APPROVED

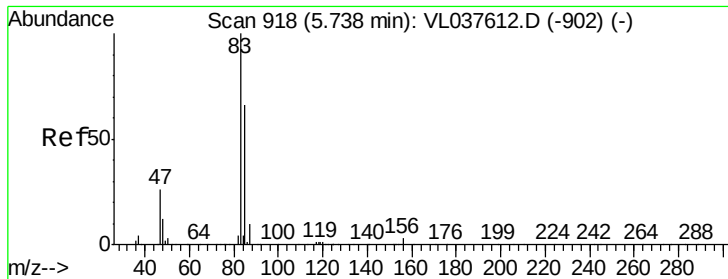
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#28
Methyl tert-Butyl Ether
Concen: 11.315 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 73 Resp: 1581299
Ion Ratio Lower Upper
73 100
57 24.9 20.1 30.1



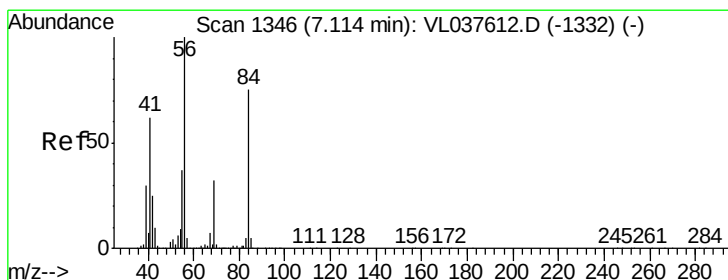
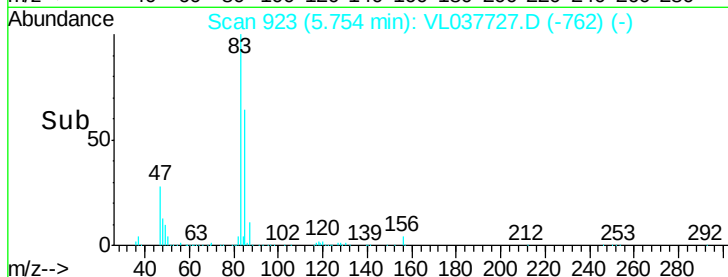
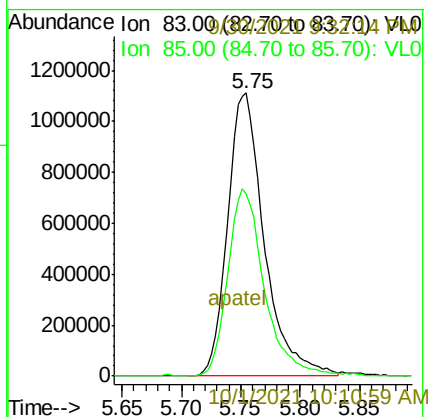
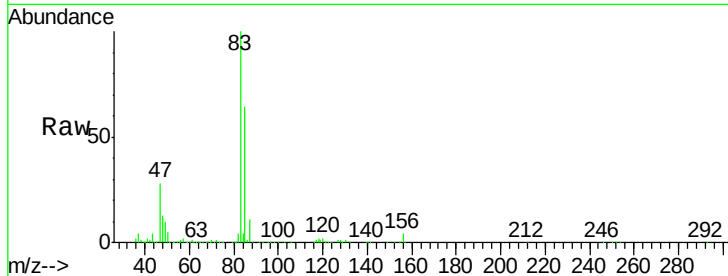


#29
Chloroform
Concen: 10.226 ppbv
RT: 5.75 min
Delta R.T.: 0.02 min
Lab File: VL037612.D
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
83 100
85 64.

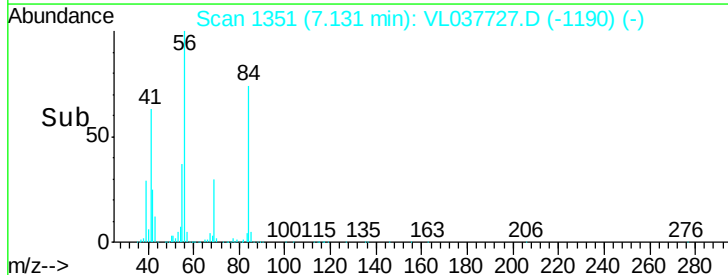
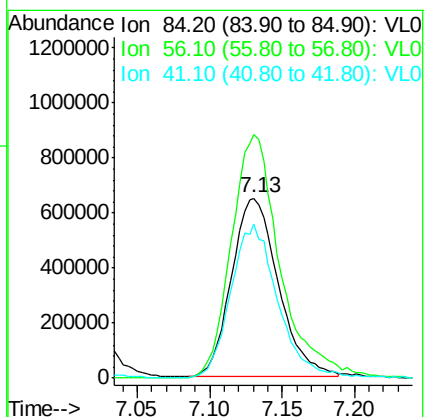
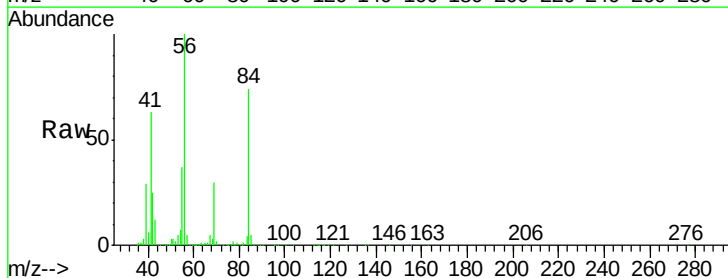
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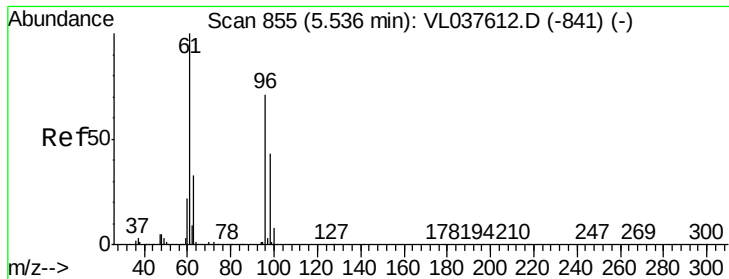
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#30
Cyclohexane
Concen: 10.763 ppbv
RT: 7.13 min Scan# 1351
Delta R.T.: 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 84 Resp: 1460588
Ion Ratio Lower Upper
84 100
56 143.0 113.6 170.4
41 87.0 67.9 101.9





#31

cis-1,2-Dichloroethene

Concen: 11.336 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 11:02 VSTDCC010EC

Tgt Ion:

Ion Ratio

61 100

96 68.

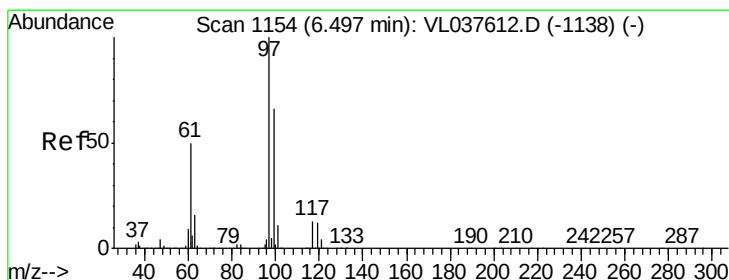
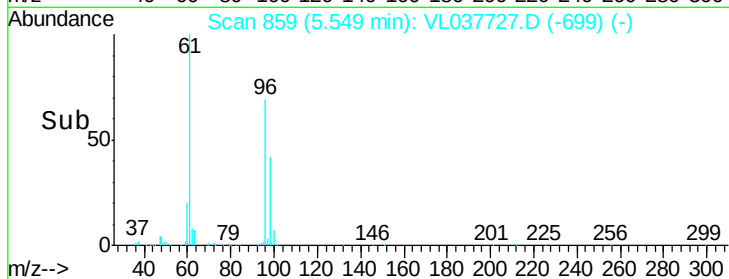
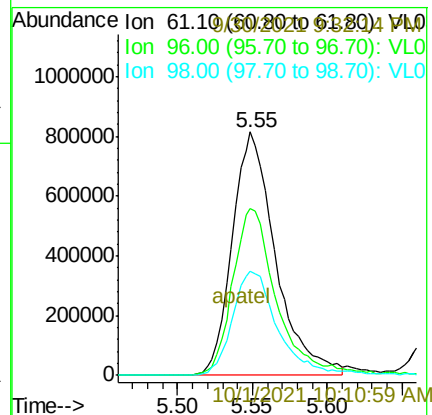
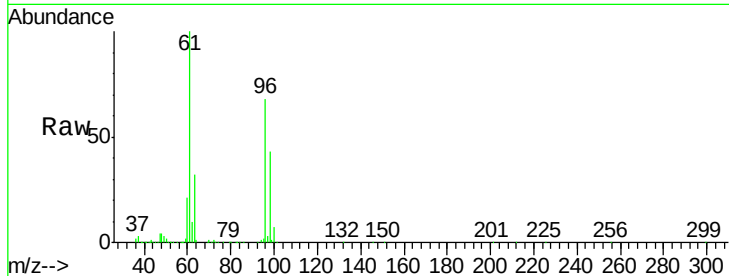
98 42.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#32

1,1,1-Trichloroethane

Concen: 10.444 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.01 min

Lab File: VL037727.D

Acq: 29 Sep 2021 11:02

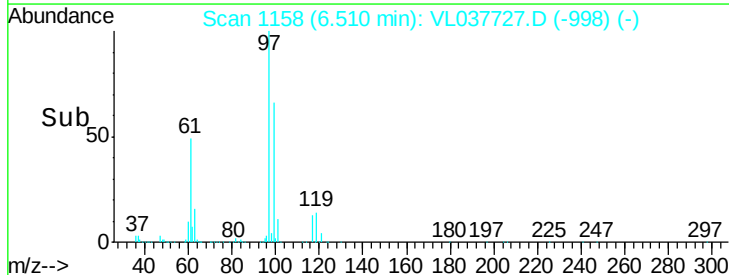
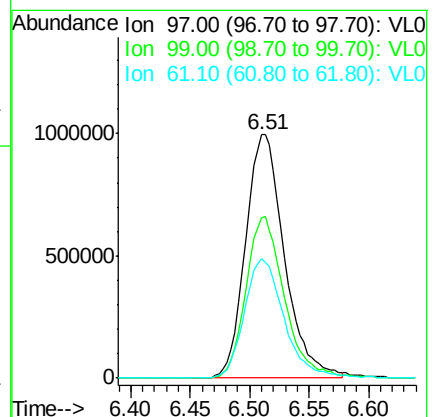
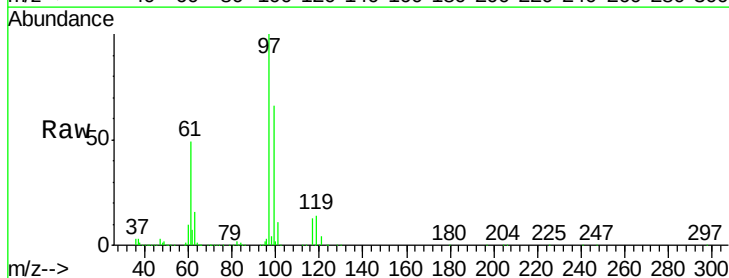
Tgt Ion: 97 Resp: 2252794

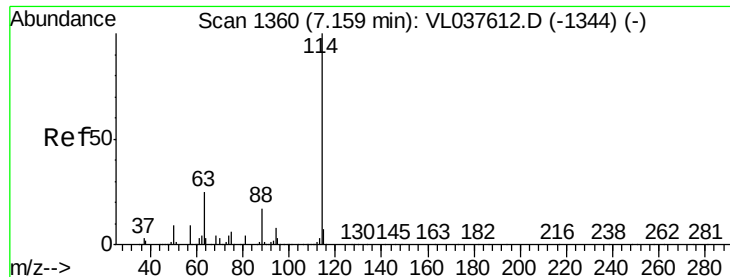
Ion Ratio Lower Upper

97 100

99 66.0 52.3 78.5

61 50.4 39.5 59.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18

Instrument: MSVOA_L

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 29 Sep 2021 11:02

Tgt Ion: 1

Ion Ratio

114 100

63 23.

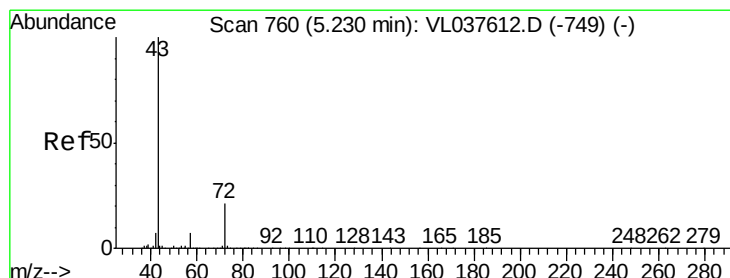
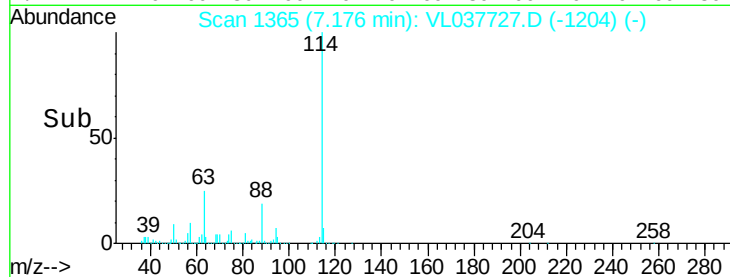
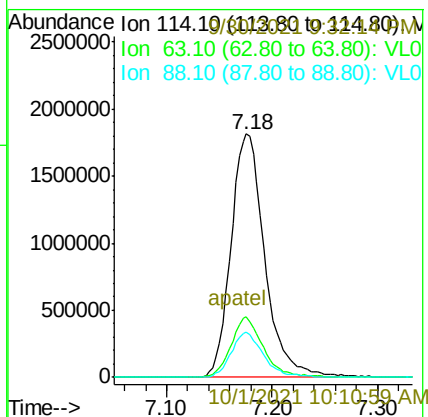
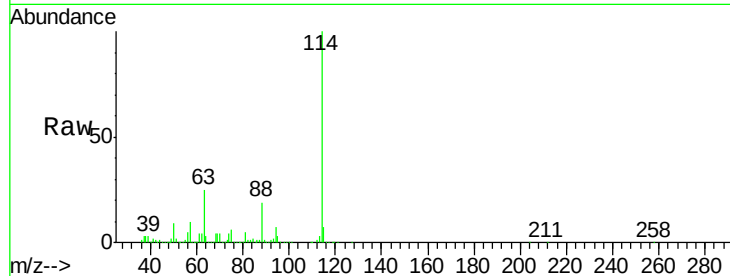
88 17.

Manual Integrations

APPROVED

Reviewed By: Semsettin Yesilyurt 09/30/2021

Supervised By: Amit Patel 10/01/2021



#34

2-Butanone

Concen: 10.439 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.01 min

Lab File: VL037727.D

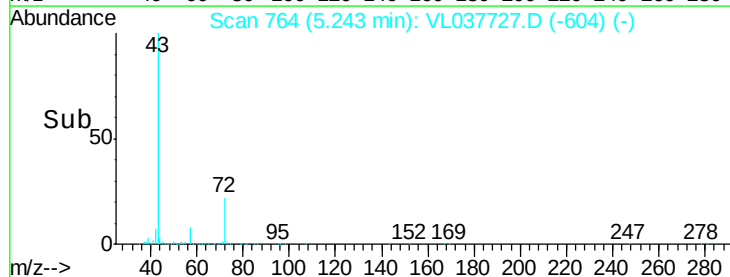
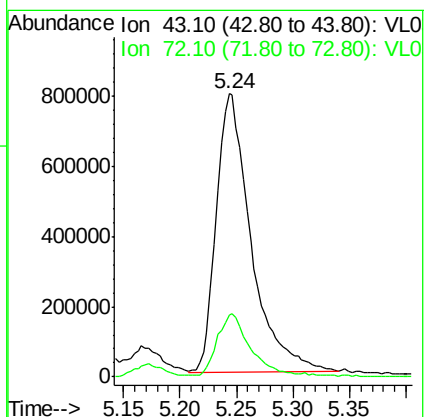
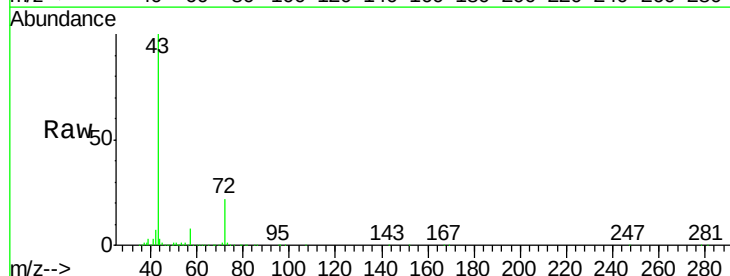
Acq: 29 Sep 2021 11:02

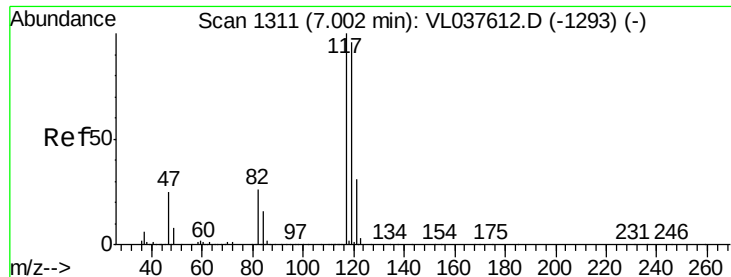
Tgt Ion: 43 Resp: 1705053

Ion Ratio Lower Upper

43 100

72 22.9 18.4 27.6



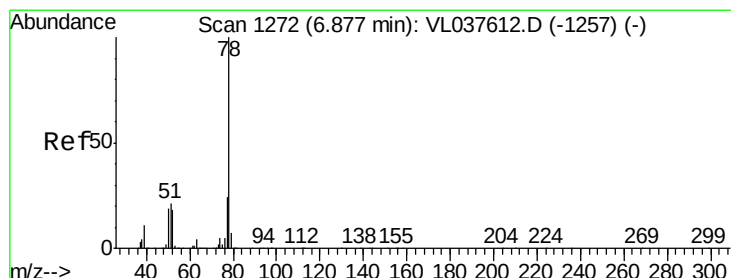
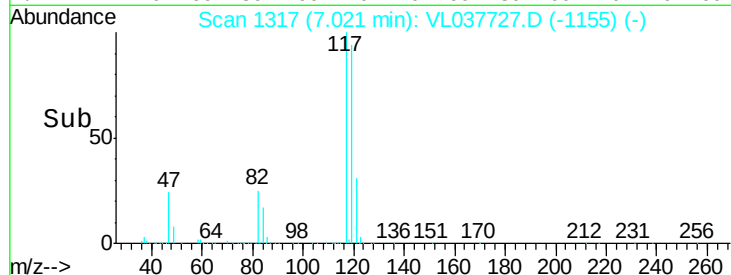
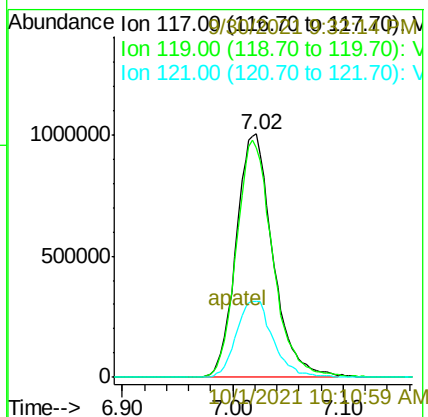
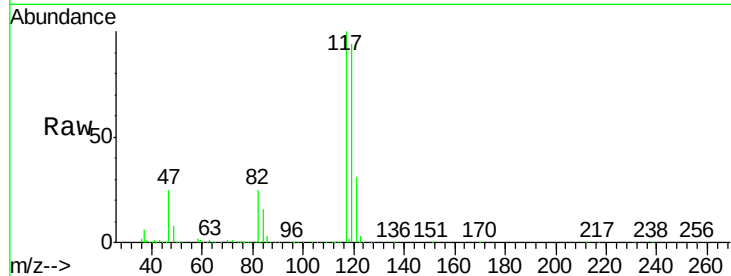


#35
Carbon Tetrachloride
Concen: 10.135 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion: 117
Ion Ratio: 100
117 100
119 94.
121 31.

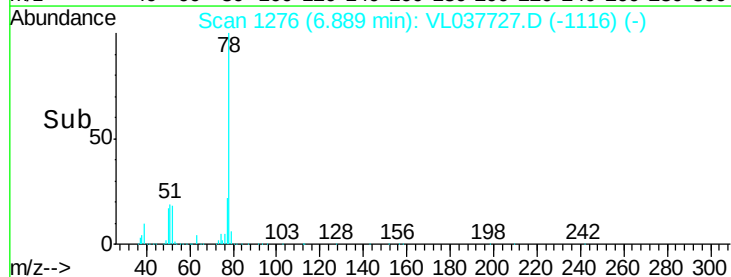
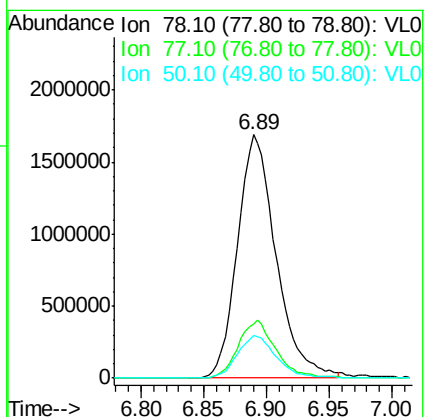
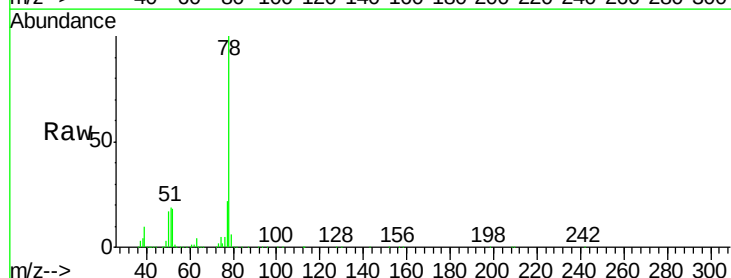
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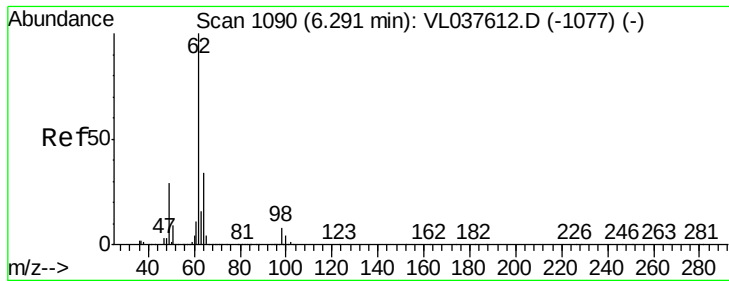
Reviewed By : Semsettin Yesilyurt 09/30/2021
Supervised By : Amit Patel 10/01/2021



#36
Benzene
Concen: 10.765 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 78 Resp: 3607963
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4
50 17.5 14.8 22.2



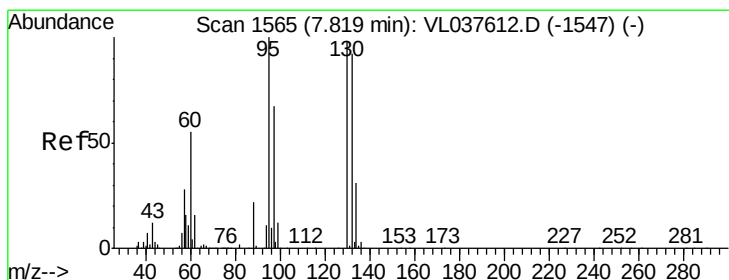
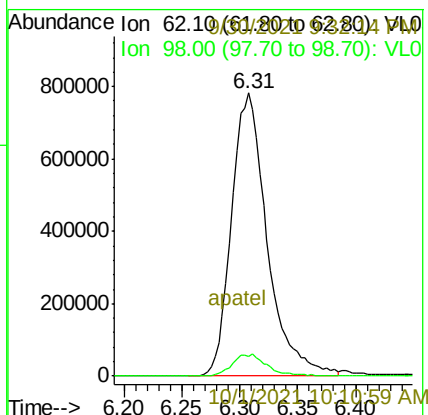
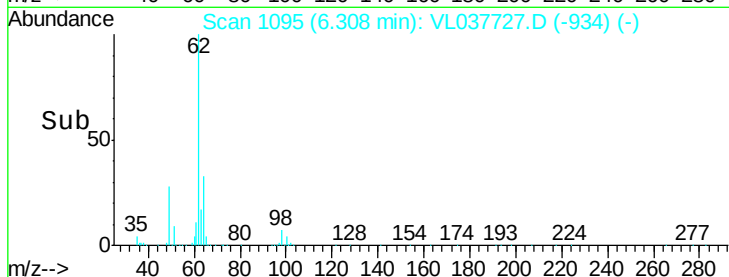
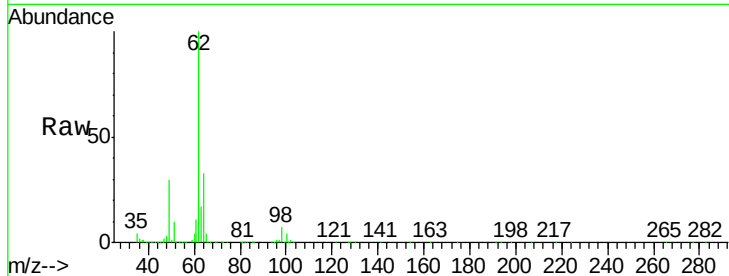


#37
 1,2-Dichloroethane
 Concen: 10.125 ppbv
 RT: 6.31
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion:
 Ion Ratio
 62 100
 98 7.

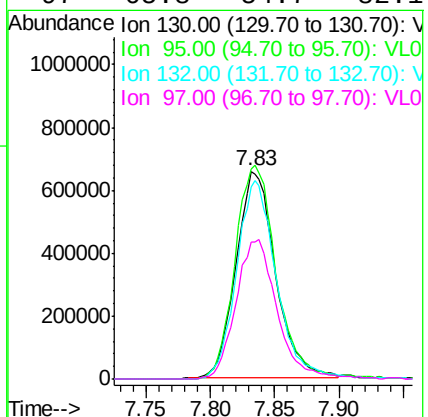
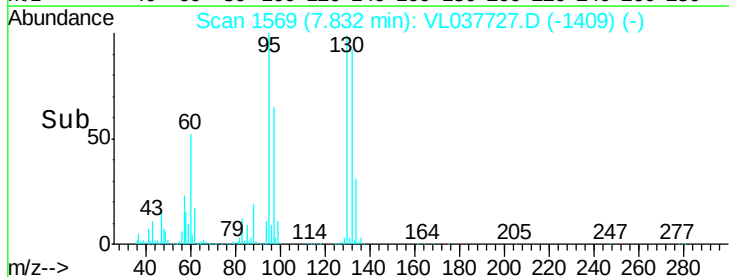
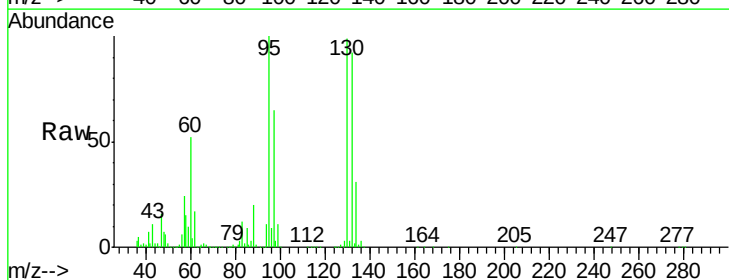
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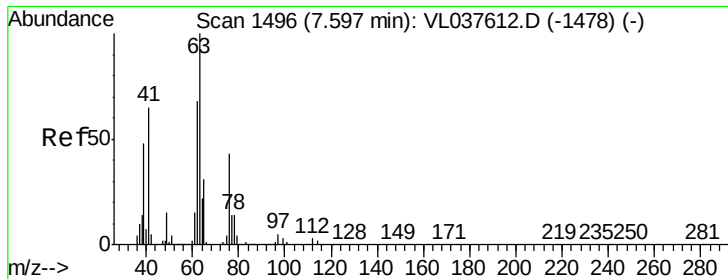
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#38
 Trichloroethene
 Concen: 10.057 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion:130 Resp: 1408137
 Ion Ratio Lower Upper
 130 100
 95 101.4 81.8 122.6
 132 92.9 75.3 112.9
 97 65.8 54.7 82.1



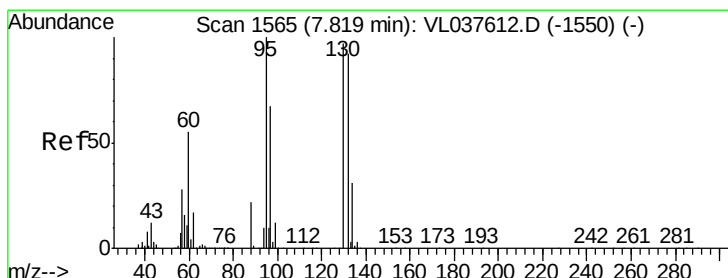
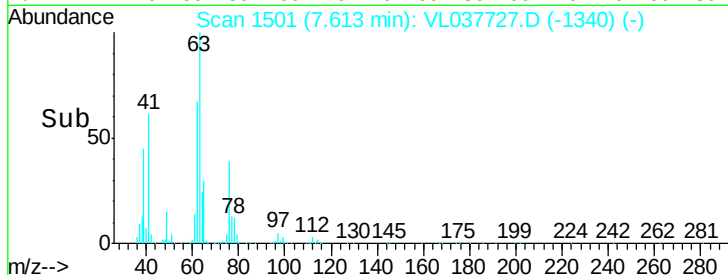
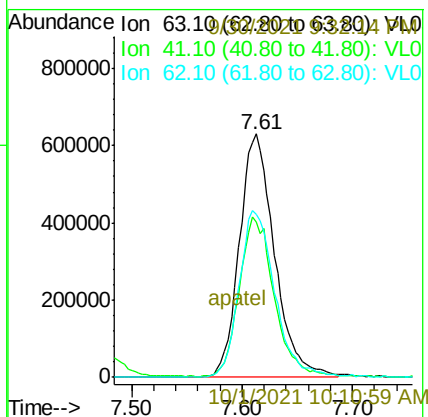
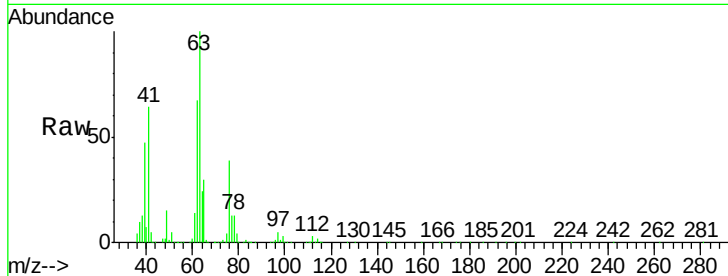


#39
 1,2-Dichloropropane
 Concen: 10.809 ppbv
 RT: 7.61 min
 Instrument: MSVOA_L
 Delta R.T.: 0.02 min
 Lab File: VL037727.D
 ClientSampleId: VSTDCCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion: 63.10 (62.80 to 63.80): VL0
 Ion Ratio: 100
 41 63.1
 62 66.1

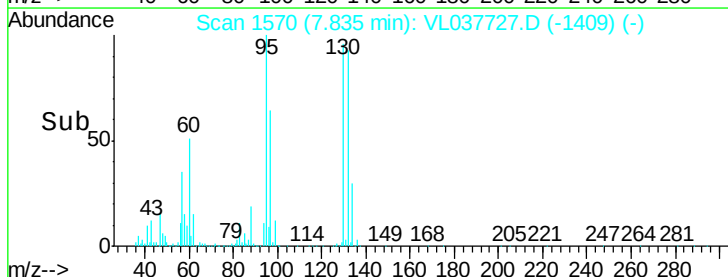
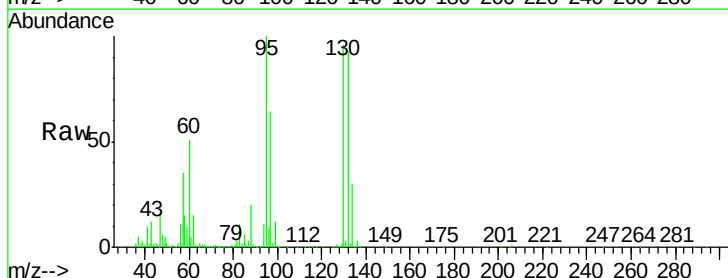
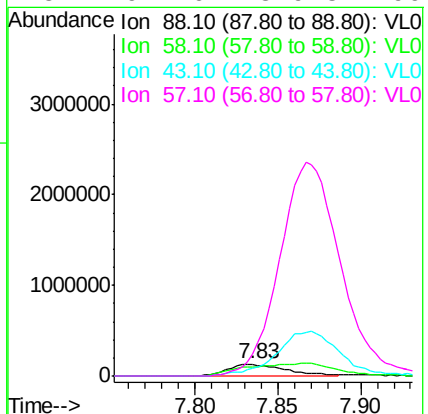
Manual Integrations
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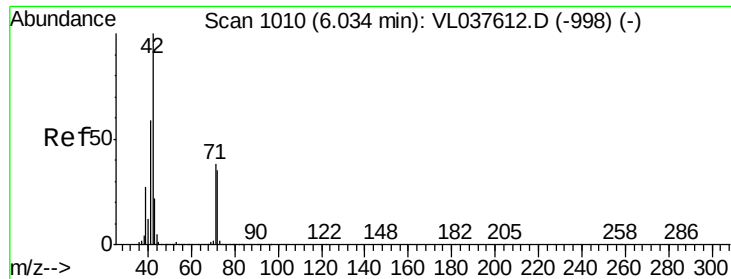
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#40
 1,4-Dioxane
 Concen: 10.179 ppbv
 RT: 7.83 min Scan# 1570
 Delta R.T.: 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 88 Resp: 317873
 Ion Ratio Lower Upper
 88 100
 58 170.1 122.4 183.6
 43 421.4 297.4 446.0
 57 1917.0 1329.8 1994.8



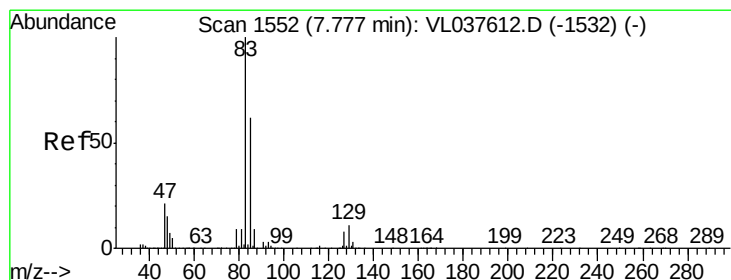
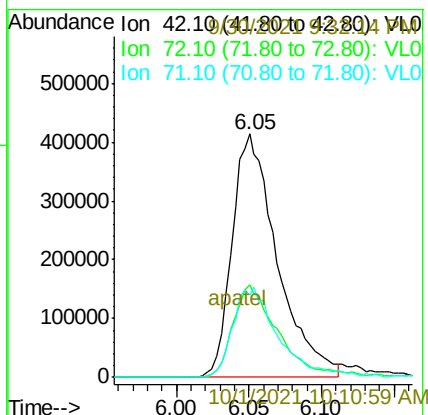
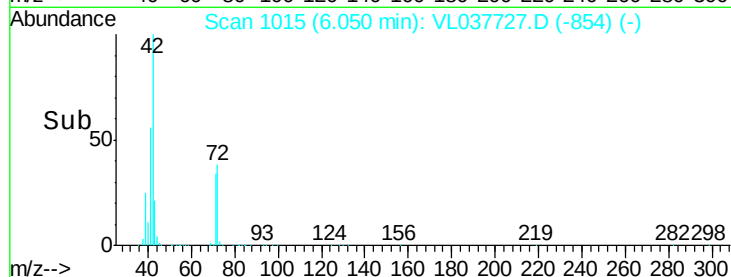
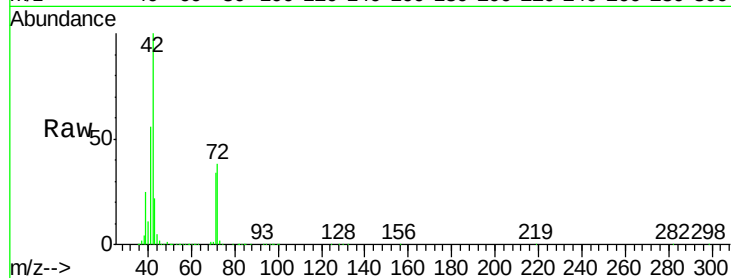


#41
Tetrahydrofuran
Concen: 11.646 ppbv
RT: 6.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
42 100
72 39.
71 38.

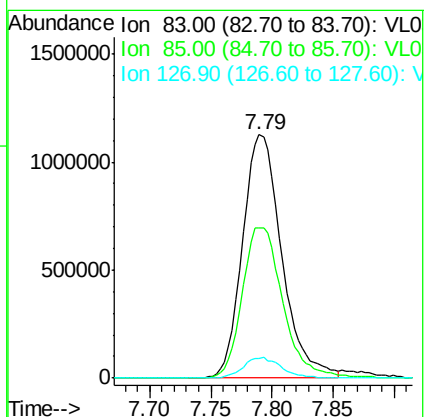
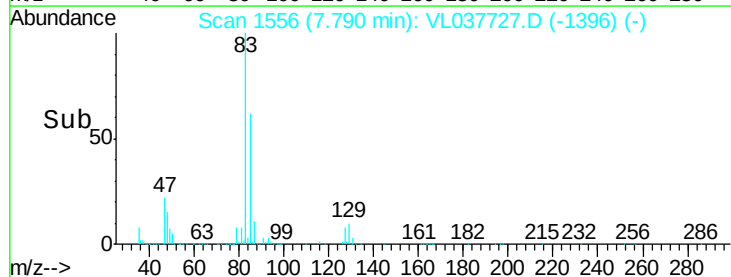
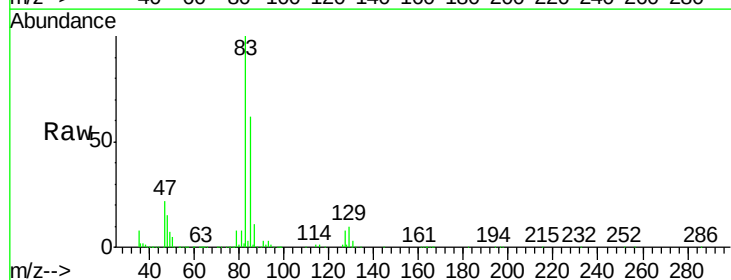
Manual Integrations
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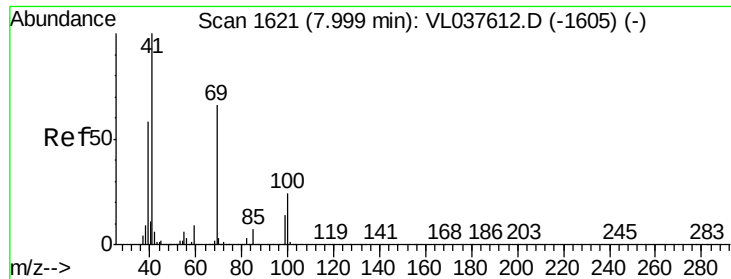
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#42
Bromodichloromethane
Concen: 10.587 ppbv
RT: 7.79 min Scan# 1556
Delta R.T. 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 83 Resp: 2501223
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.6
127 8.1 6.4 9.6





#43

Methyl Methacrylate

Concen: 11.847 ppbv

RT: 8.01

Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: VSTDCCC010EC

Acq: 29 Sep 2021 11:02

Tgt Ion:

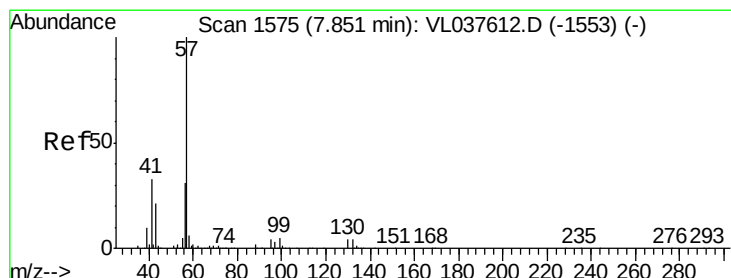
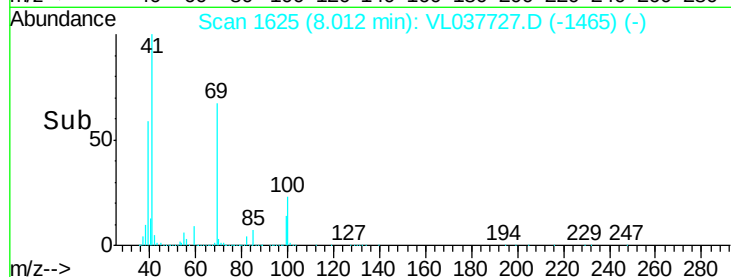
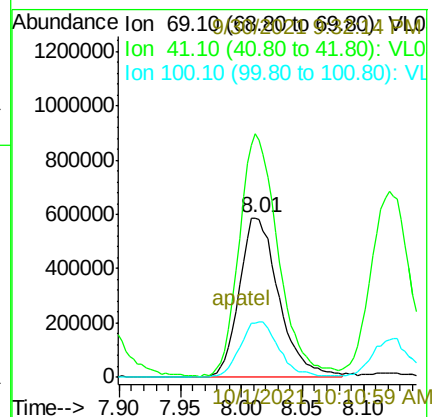
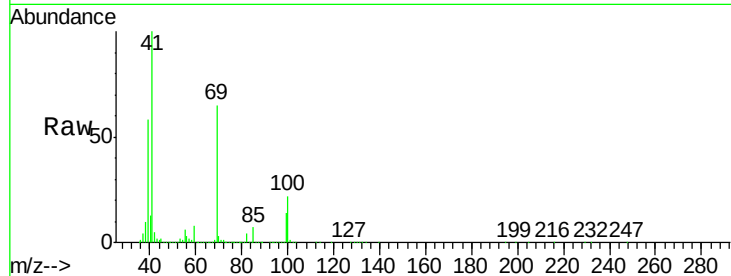
Ion	Ratio
69	100
41	150.
100	34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#44

2,2,4-Trimethylpentane

Concen: 10.808 ppbv

RT: 7.87 min Scan# 1580

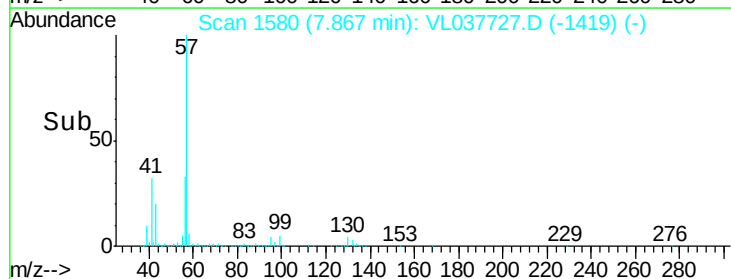
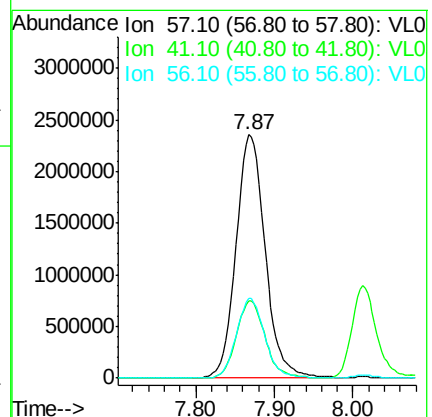
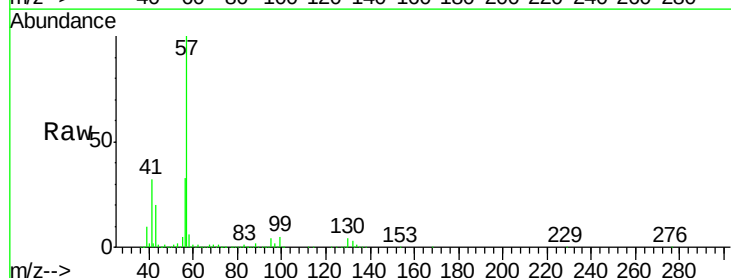
Delta R.T. 0.02 min

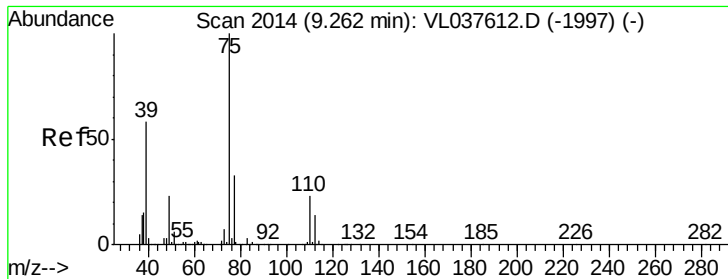
Lab File: VL037727.D

Acq: 29 Sep 2021 11:02

Tgt Ion: 57 Resp: 6090091

Ion	Ratio	Lower	Upper
57	100		
41	31.5	26.1	39.1
56	31.8	25.7	38.5



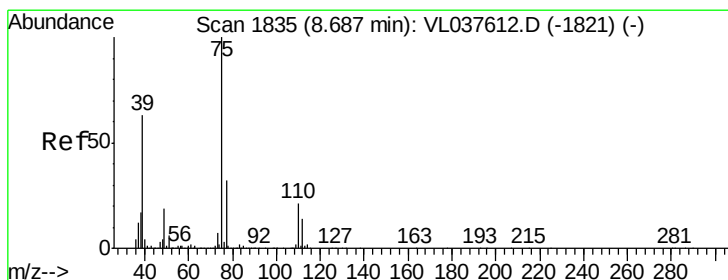
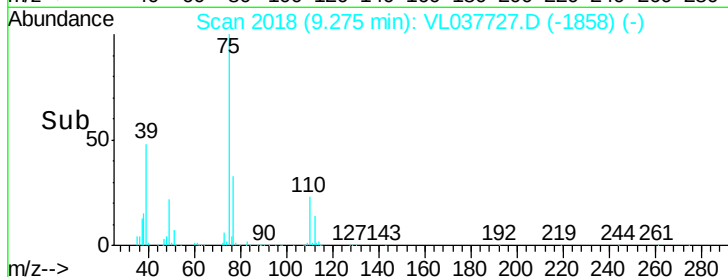
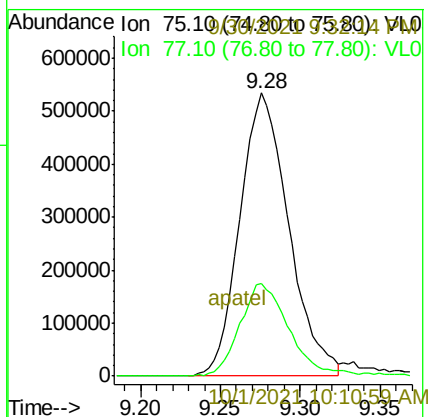
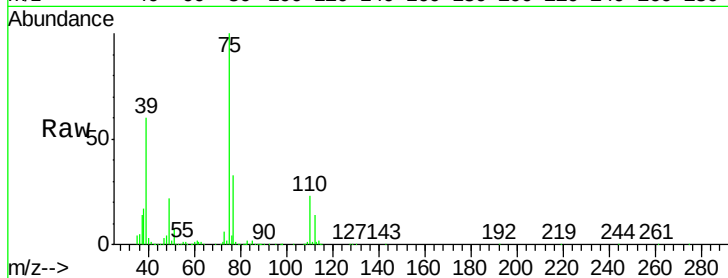


#45
t-1,3-Dichloropropene
Concen: 12.709 ppbv
RT: 9.28
Instrument : MSVOA_L
Delta R.T. :
Lab File: ClientSampleId :
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
75 100
77 32.

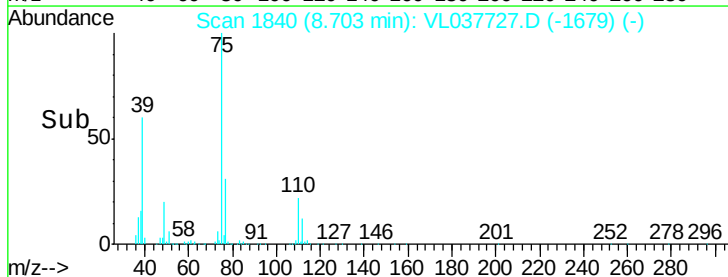
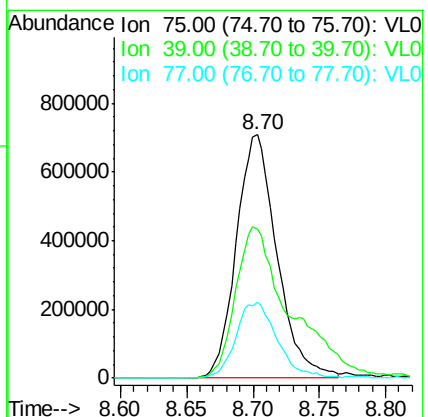
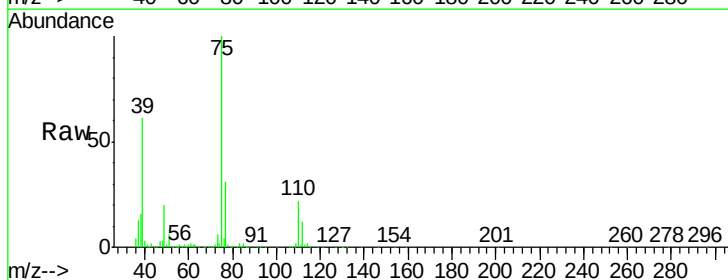
Manual Integrations
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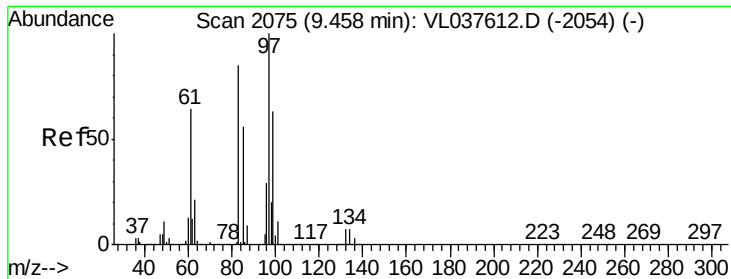
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#46
cis-1,3-Dichloropropene
Concen: 12.760 ppbv
RT: 8.70 min Scan# 1840
Delta R.T. 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 75 Resp: 1509577
Ion Ratio Lower Upper
75 100
39 60.8 50.2 75.4
77 31.2 25.2 37.8



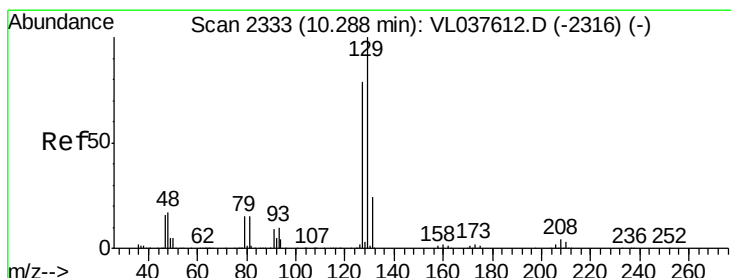
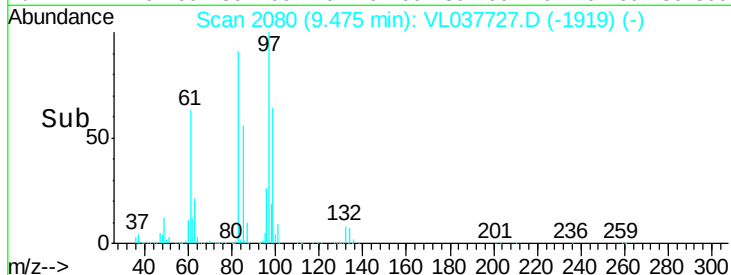
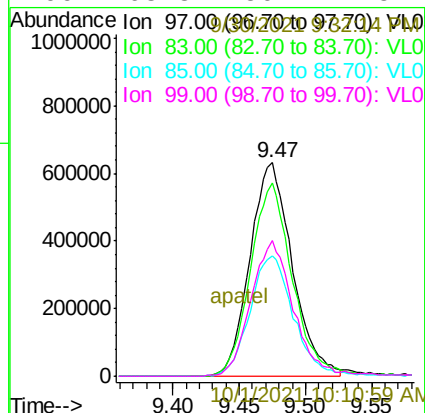
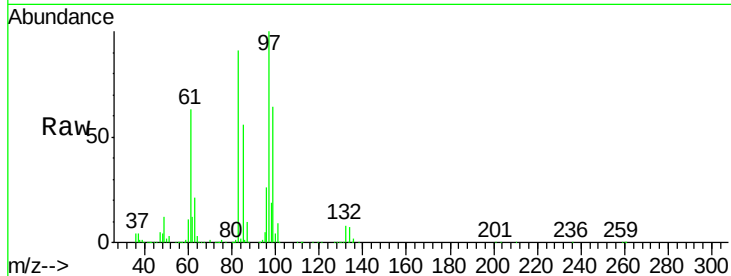


#47
 1,1,2-Trichloroethane
 Concen: 9.884 ppbv
 RT: 9.47
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion:
 Ion Ratio
 97 100
 83 90.
 85 56.
 99 63.8 50.1 75.1

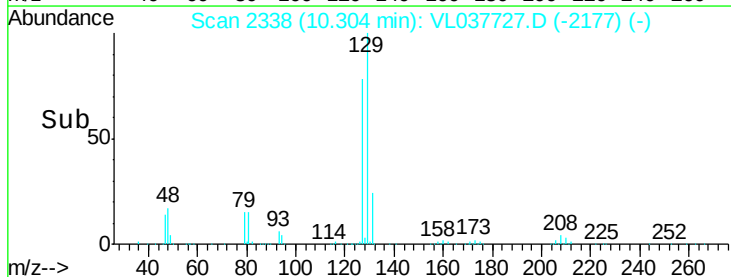
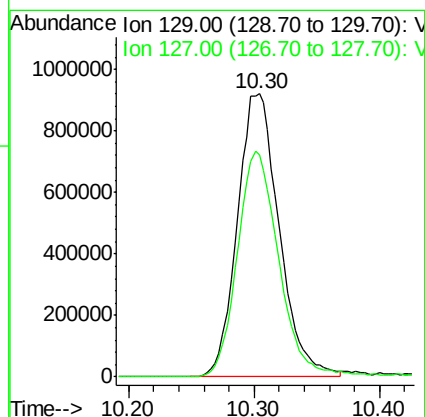
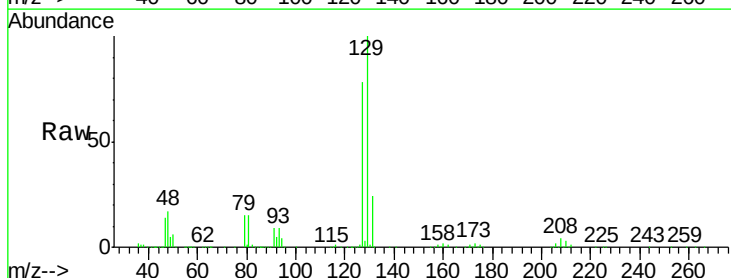
Manual Integrations
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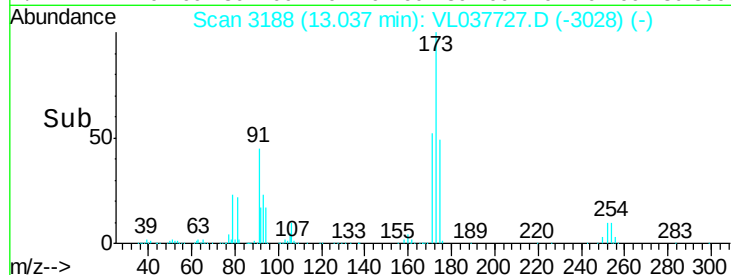
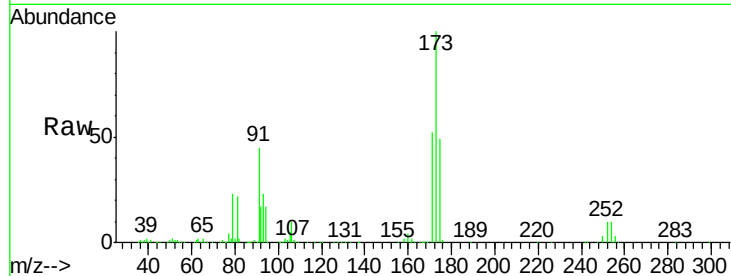
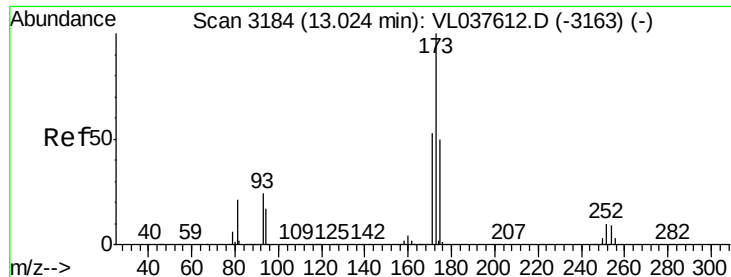
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#48
 Dibromochloromethane
 Concen: 10.739 ppbv
 RT: 10.30 min Scan# 2338
 Delta R.T. 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion:129 Resp: 2127451
 Ion Ratio Lower Upper
 129 100
 127 80.6 39.3 117.8





#49

Bromoform

Concen: 10.471 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Sep 2021 11:02

Tgt Ion:1

Ion Ratio

173 100

175 51.

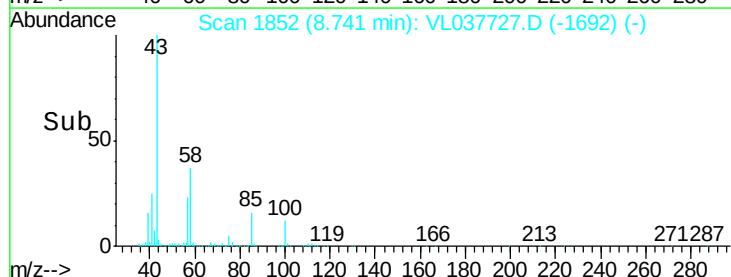
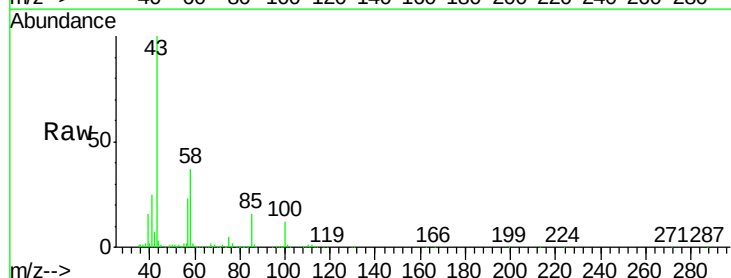
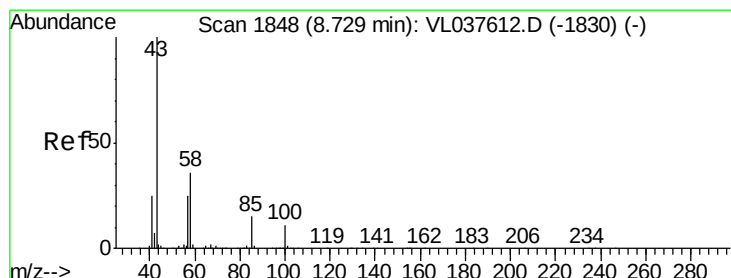
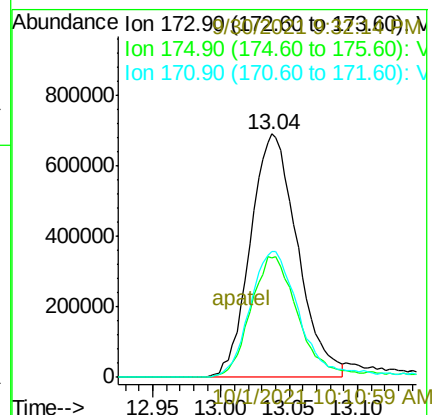
171 54.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#50

4-Methyl-2-Pentanone

Concen: 11.677 ppbv

RT: 8.74 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VL037727.D

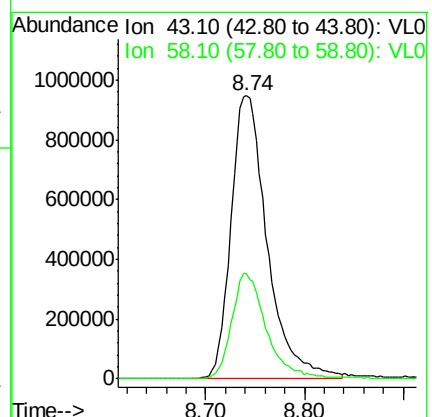
Acq: 29 Sep 2021 11:02

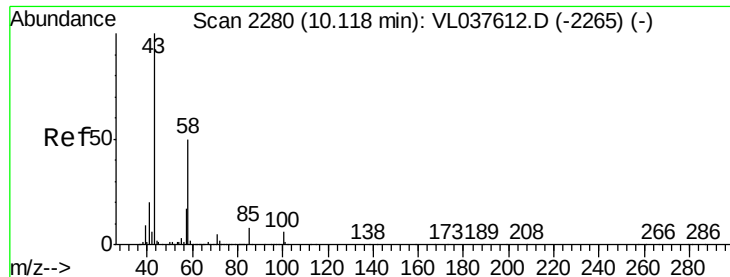
Tgt Ion: 43 Resp: 2420863

Ion Ratio Lower Upper

43 100

58 36.2 29.4 44.2



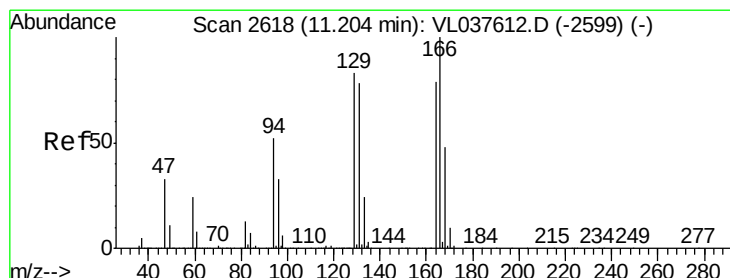
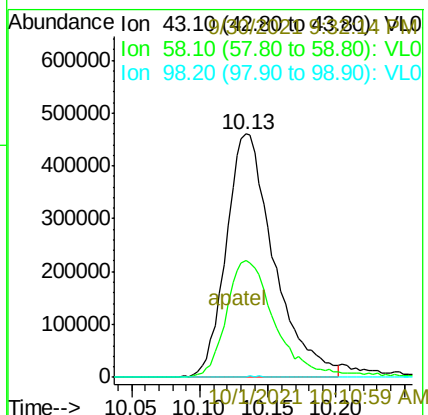
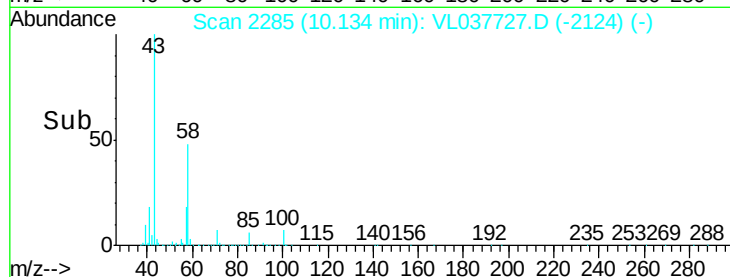
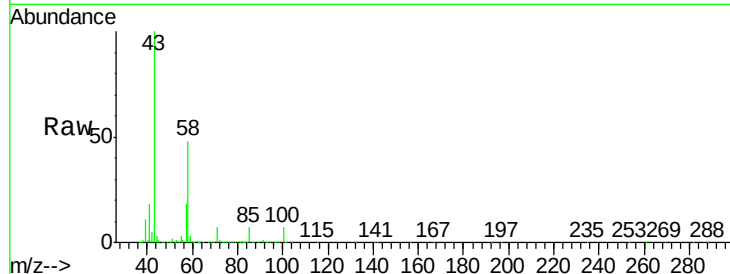


#51
2-Hexanone
Concen: 12.147 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
43 100
58 50.
98 0.

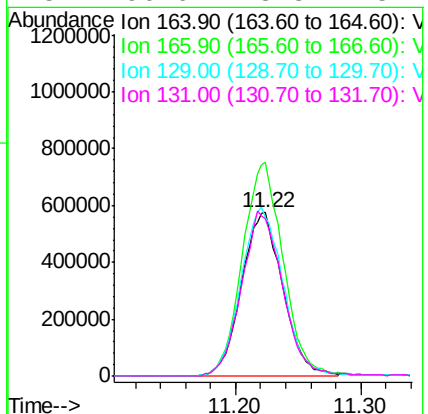
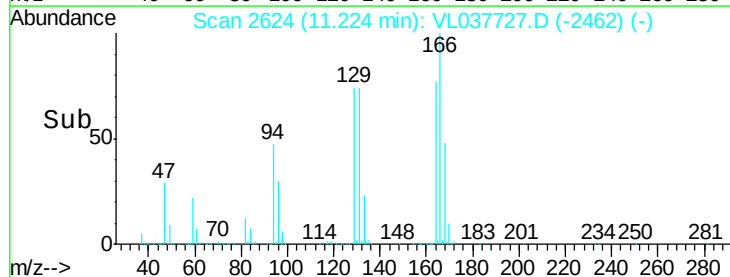
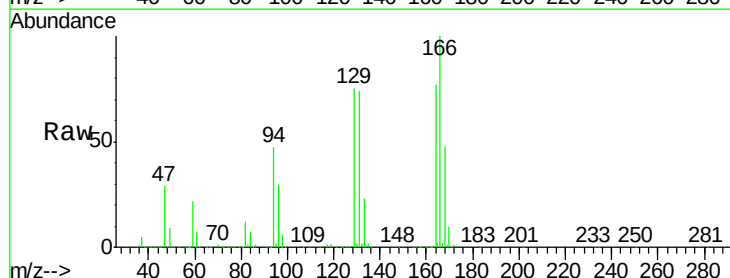
Manual Integrations
APPROVED

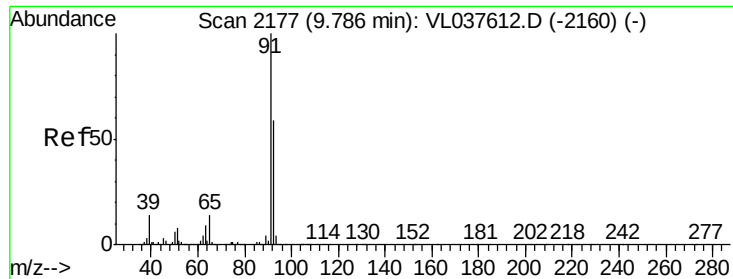
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#52
Tetrachloroethene
Concen: 10.218 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion:164 Resp: 1314819
Ion Ratio Lower Upper
164 100
166 130.5 101.2 151.8
129 97.2 84.0 126.0
131 96.6 78.8 118.2



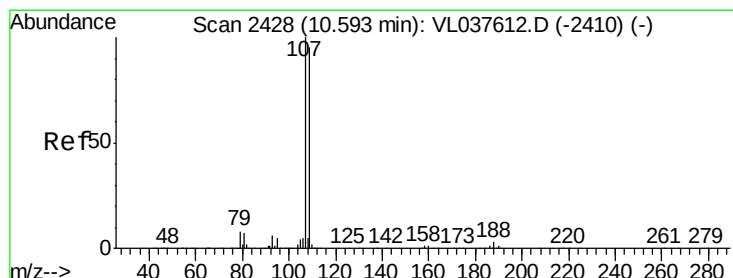
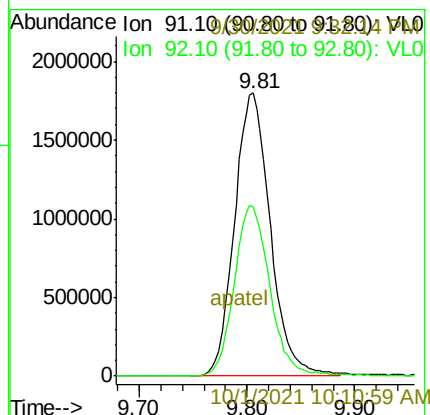
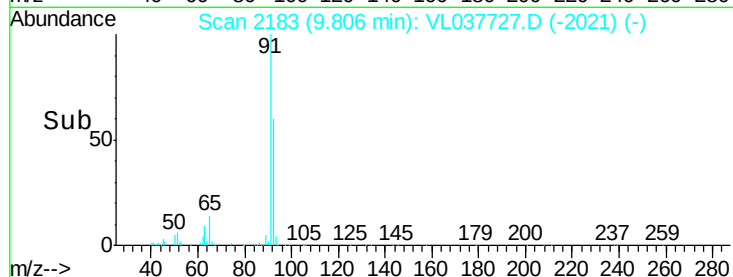
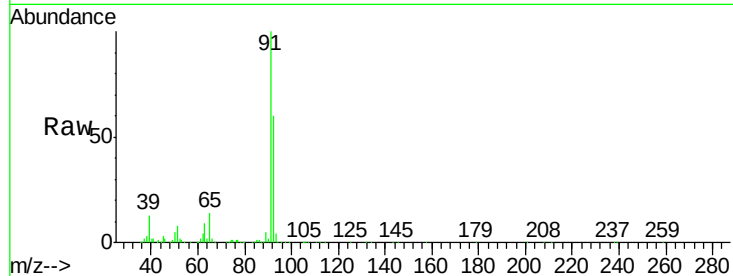


#53
Toluene
Concen: 11.173 ppbv
RT: 9.81
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
91 100
92 60.

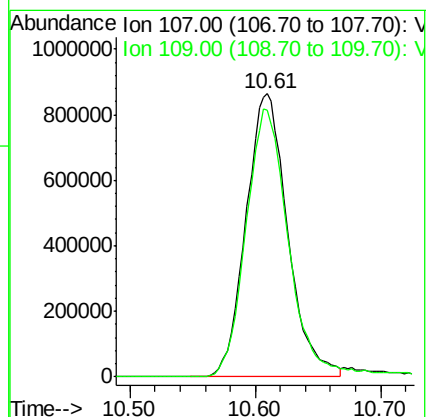
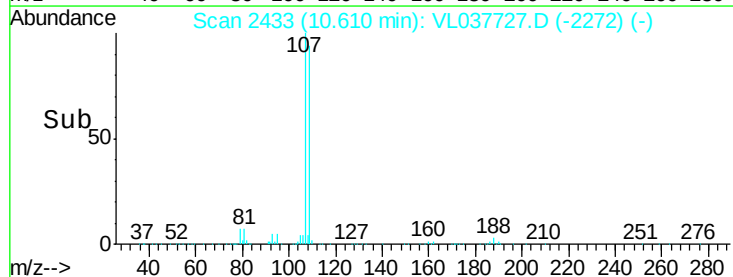
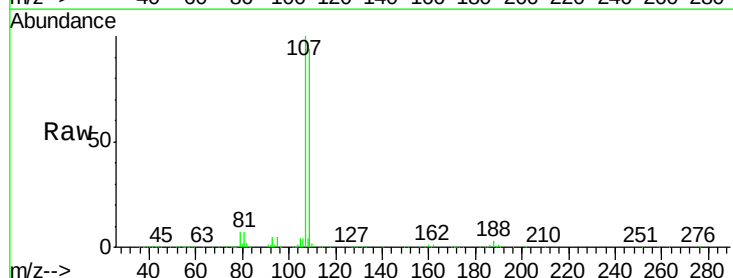
Manual Integrations
APPROVED

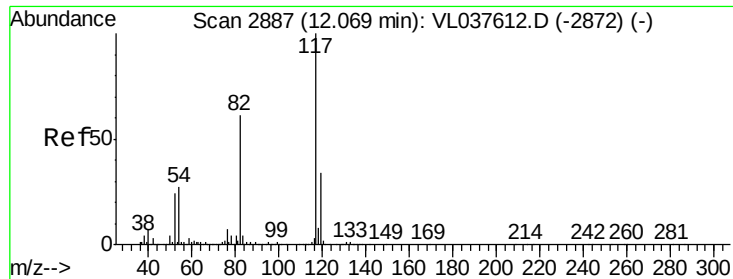
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#54
1,2-Dibromoethane
Concen: 10.283 ppbv
RT: 10.61 min Scan# 2433
Delta R.T. 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion:107 Resp: 1999564
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0



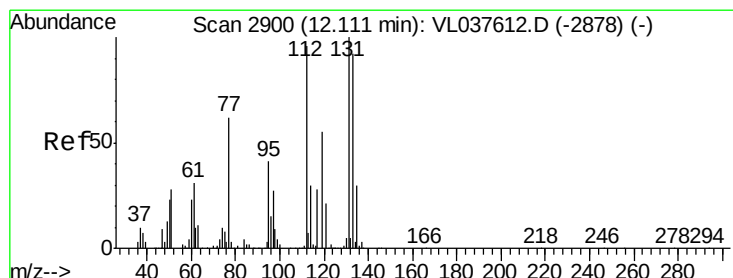
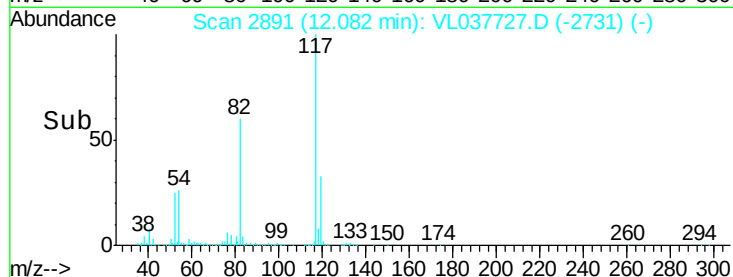
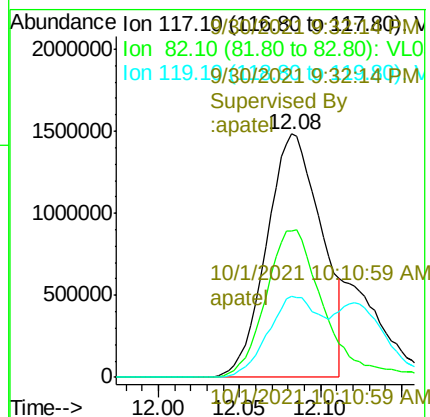
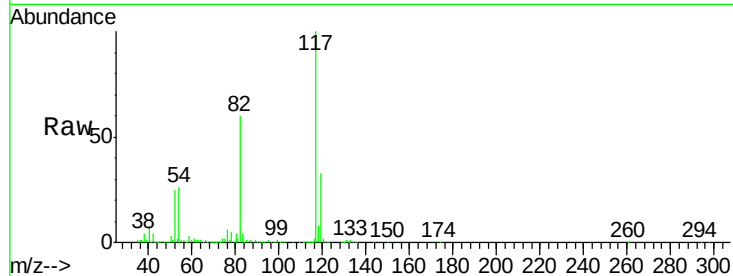


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.08
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 29 Sep 2021 11:02

Tgt Ion: 1
Ion Ratio
117 100
82 67.
119 34.

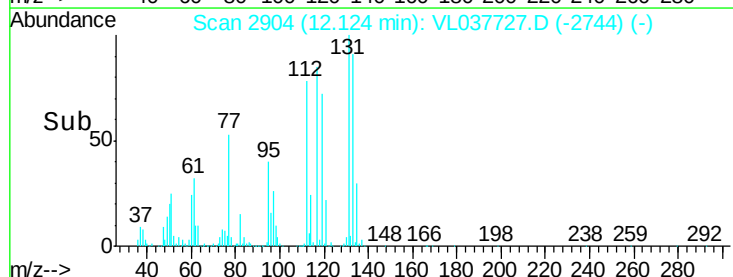
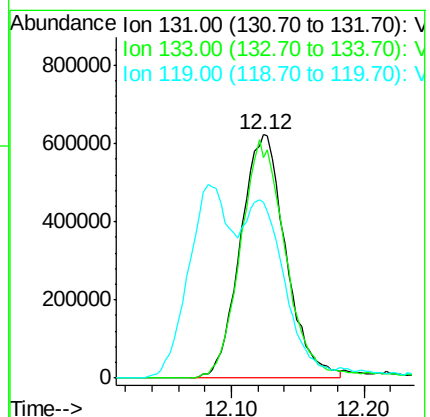
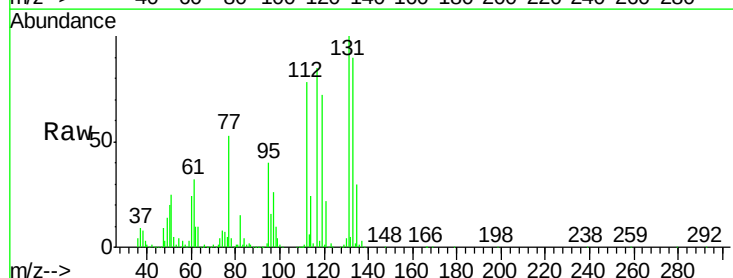
Manual Integrations
APPROVED

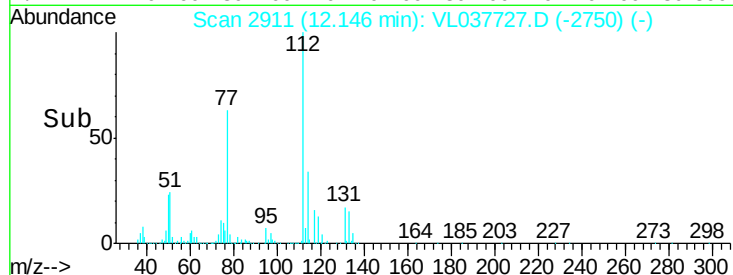
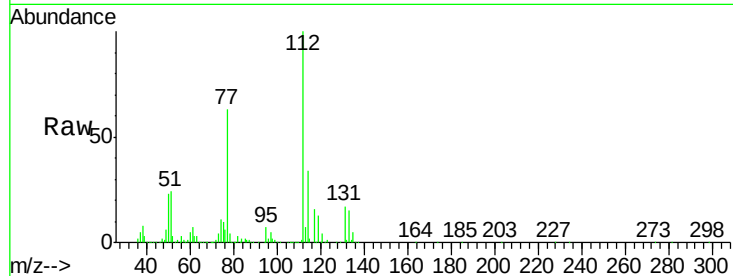
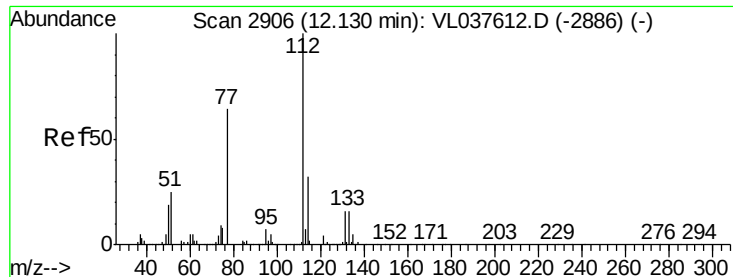
Reviewed By : Semsettin Yesilyurt 09/30/2021
Supervised By : Amit Patel 10/01/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 10.177 ppbv
RT: 12.12 min Scan# 2904
Delta R.T.: 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 131 Resp: 1474595
Ion Ratio Lower Upper
131 100
133 101.2 76.8 115.2
119 72.1 47.8 71.8#



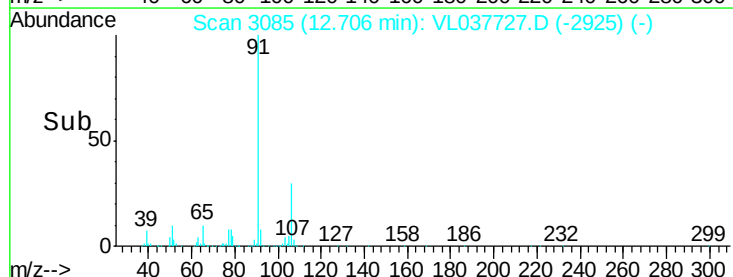
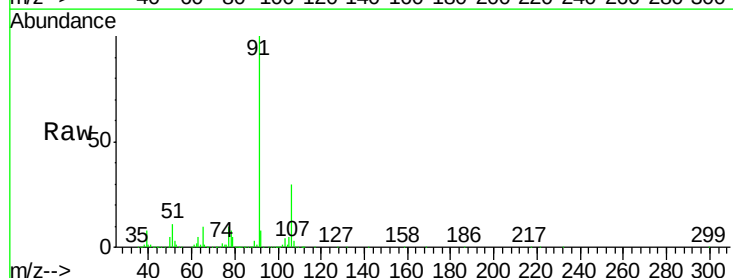
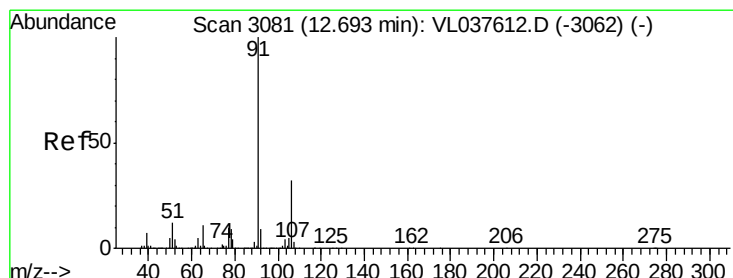
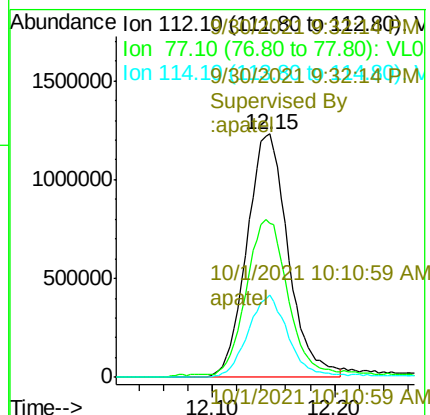


#57
Chlorobenzene
Concen: 9.919 ppbv
RT: 12.15 min
Instrument: MSVOA_L
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion: 112.10
Ion Ratio: 100
77 62.1
114 33.3

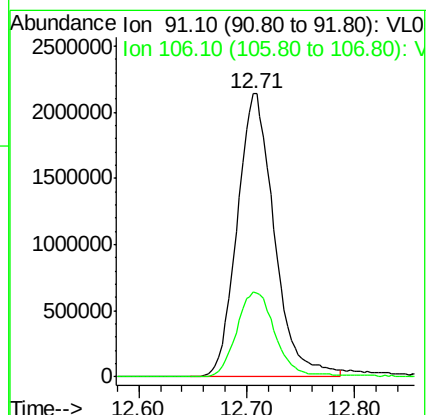
Manual Integrations
APPROVED

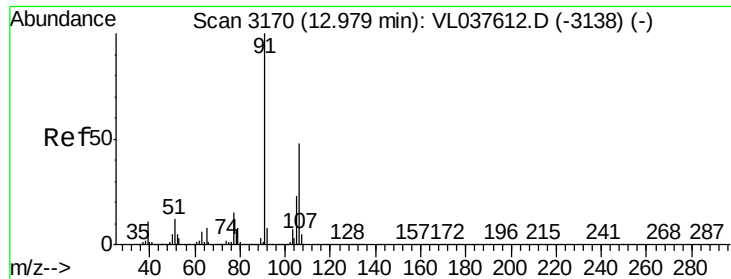
Reviewed By : Semsettin Yesilyurt 09/30/2021
Supervised By : Amit Patel 10/01/2021



#58
Ethyl Benzene
Concen: 11.083 ppbv
RT: 12.71 min Scan# 3085
Delta R.T.: 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 91 Resp: 5139157
Ion Ratio Lower Upper
91 100
106 30.1 25.3 37.9



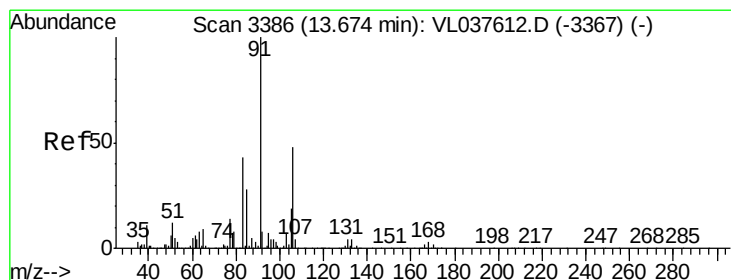
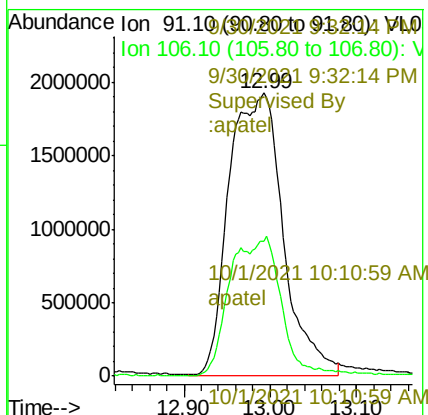
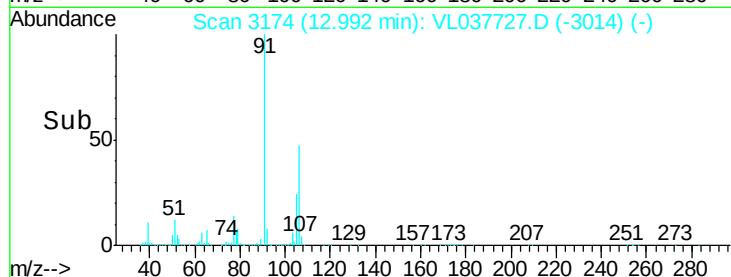
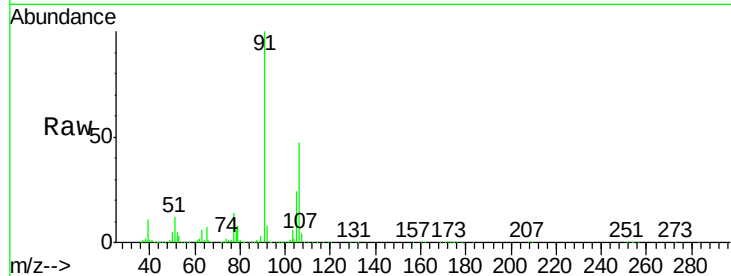


#59
m/p-Xylene
Concen: 20.886 ppbv m
RT: 12.99 min
Delta R.T.: 0.01 min
Lab File: VL037612.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 91
Ion Ratio: 100
106 47.

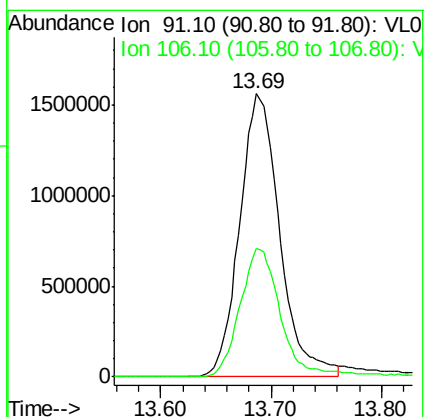
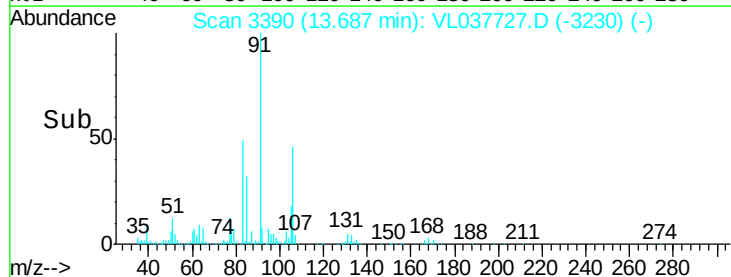
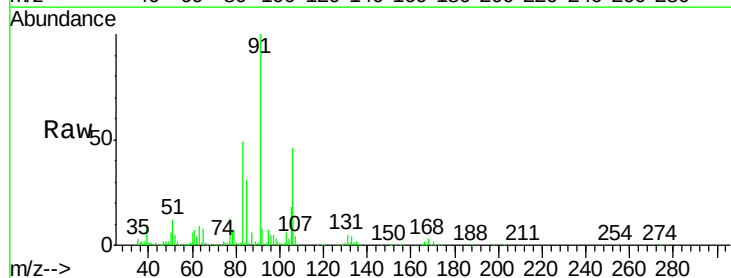
Manual Integrations
APPROVED

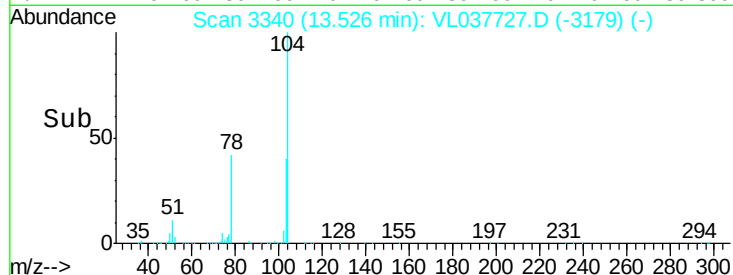
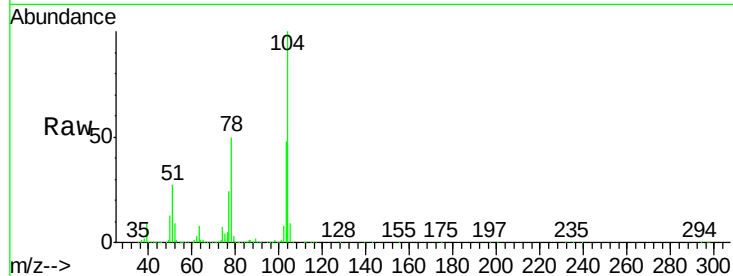
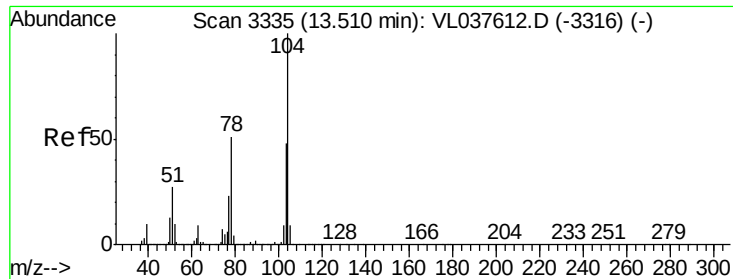
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#60
o-Xylene
Concen: 10.221 ppbv
RT: 13.69 min Scan# 3390
Delta R.T.: 0.01 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 91 Resp: 3931099
Ion Ratio Lower Upper
91 100
106 47.5 23.0 69.0



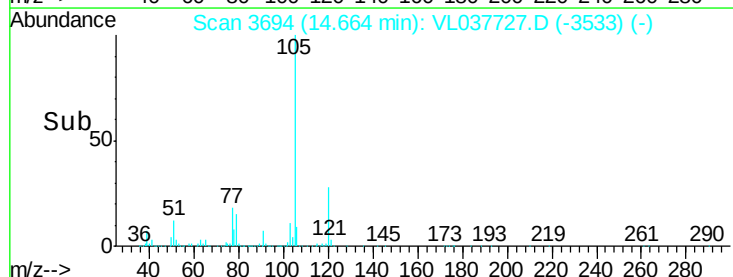
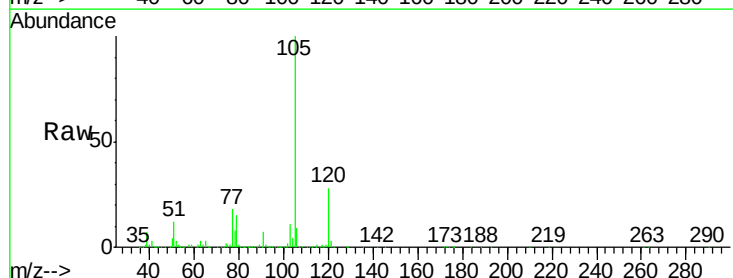
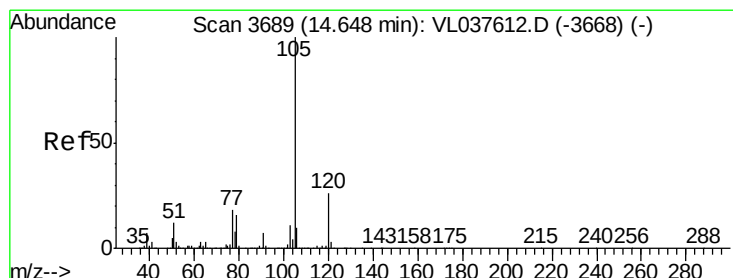
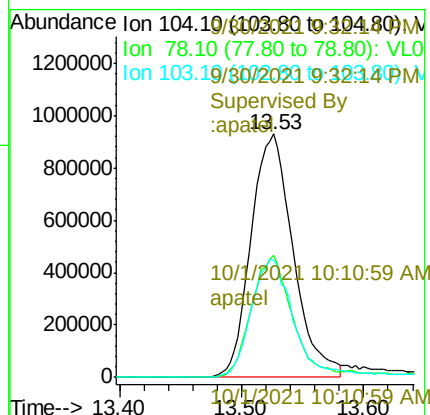


#61
Styrene
Concen: 11.715 ppbv
RT: 13.53
Delta R.T. MSVOA_L
Lab File: ClientSampled :
VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:1
Ion Rati
104 100
78 50.
103 49.

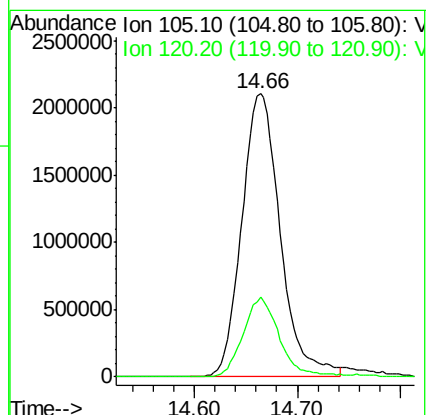
Manual Integrations
APPROVED

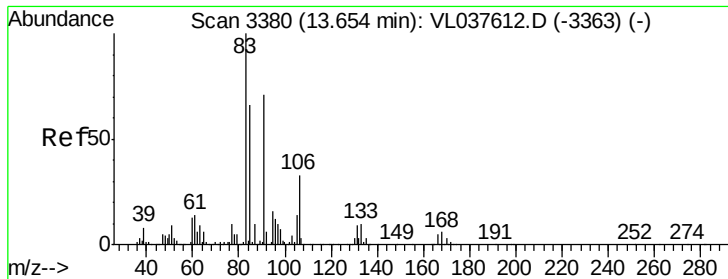
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#62
Isopropylbenzene
Concen: 10.195 ppbv
RT: 14.66 min Scan# 3694
Delta R.T. 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion:105 Resp: 5477708
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0





#63

1,1,2,2-Tetrachloroethane

Concen: 9.135 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 11:02

Tgt Ion:

Ion Ratio

83 100

131 10.

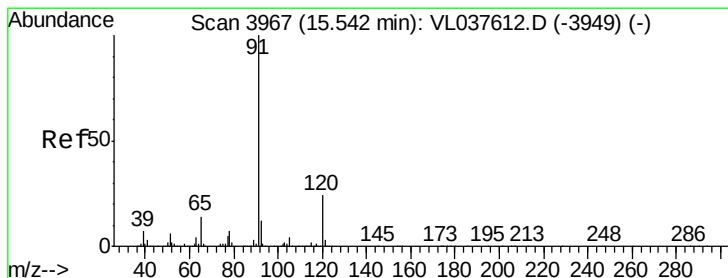
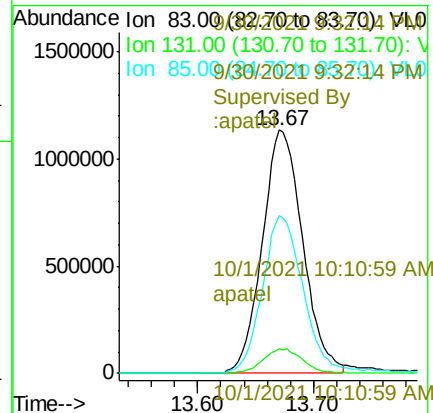
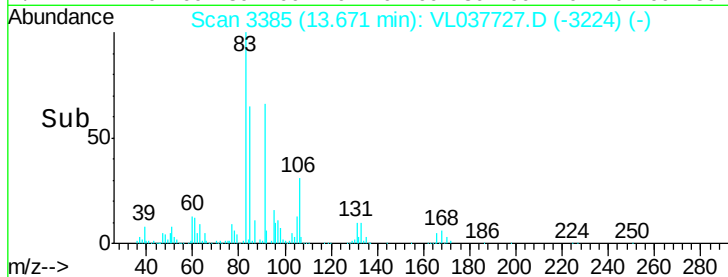
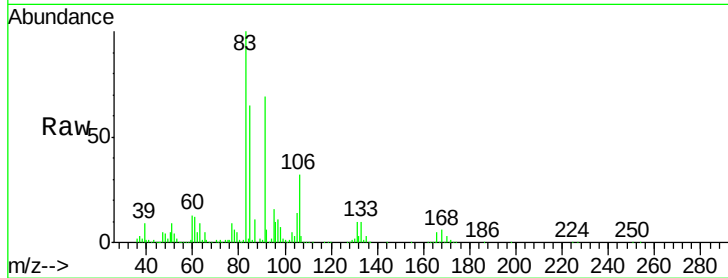
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021

Supervised By :Amit Patel 10/01/2021



#64

n-propylbenzene

Concen: 10.348 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.02 min

Lab File: VL037727.D

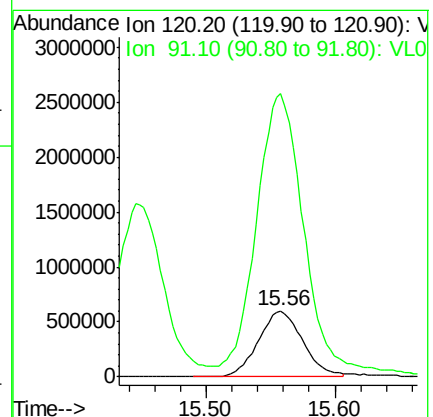
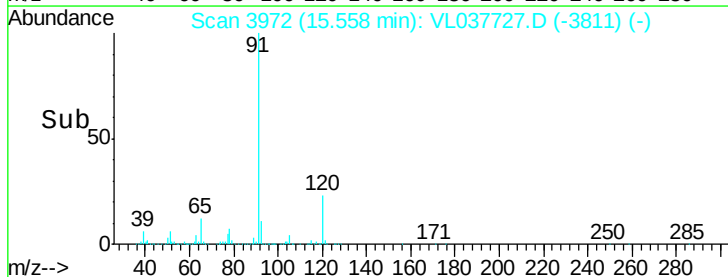
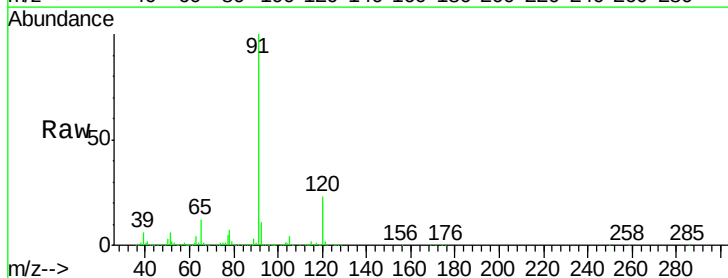
Acq: 29 Sep 2021 11:02

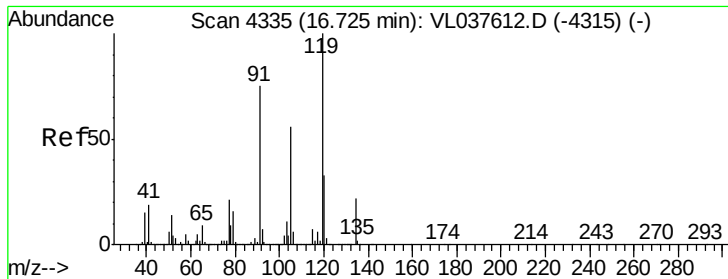
Tgt Ion:120 Resp: 1434774

Ion Ratio Lower Upper

120 100

91 474.4 345.0 517.4



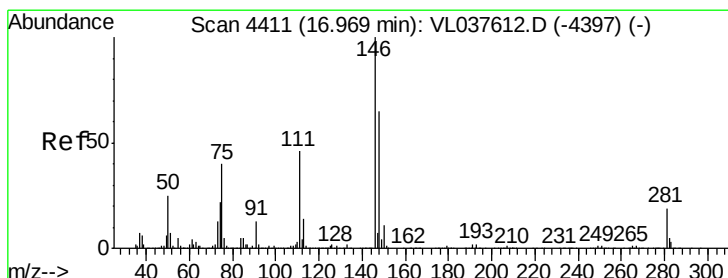
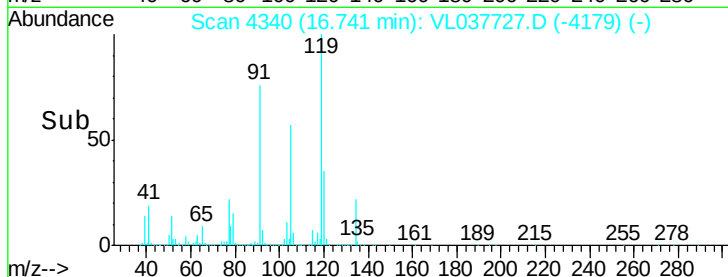
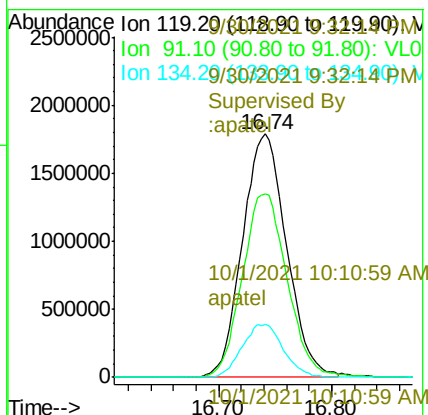
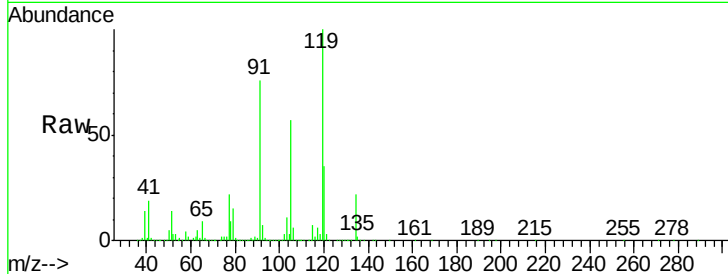


#65
 tert-Butylbenzene
 Concen: 9.967 ppbv
 RT: 16.74 min
 Instrument: MSVOA_L
 Delta R.T.: 0.01 min
 Lab File: ClientSampleId : VSTDCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion: 1
 Ion Ratio
 119 100
 91 76.
 134 20.

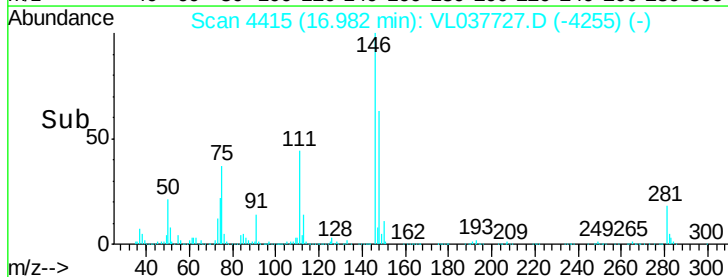
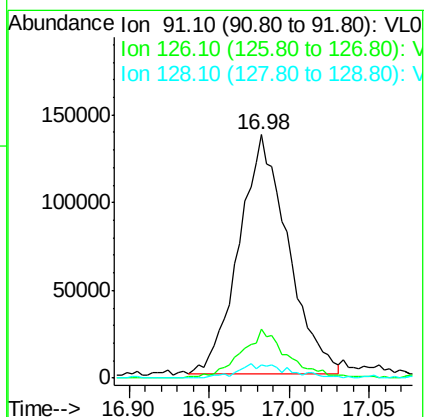
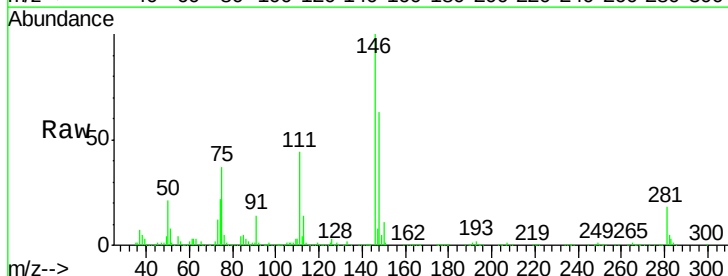
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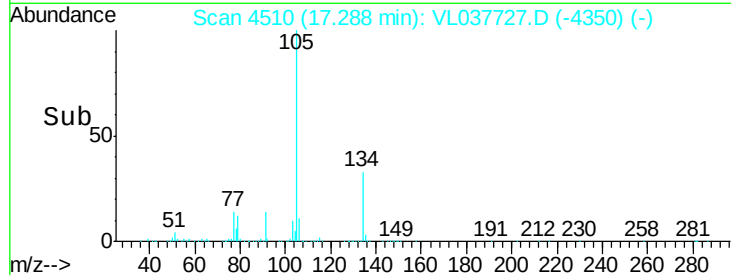
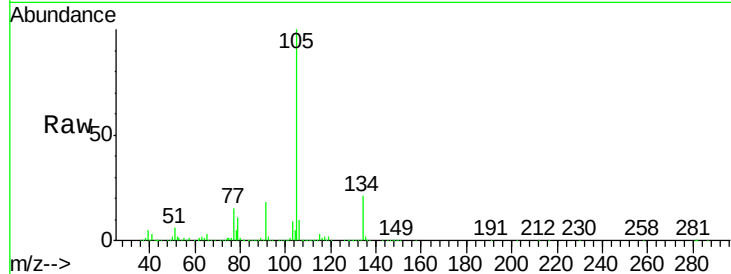
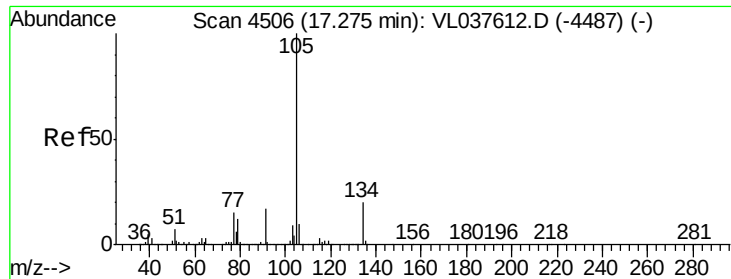
Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021



#66
 Benzyl Chloride
 Concen: 10.769 ppbv
 RT: 16.98 min Scan# 4415
 Delta R.T.: 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 91 Resp: 285108
 Ion Ratio Lower Upper
 91 100
 126 19.8 14.4 21.6
 128 6.6 5.7 8.5



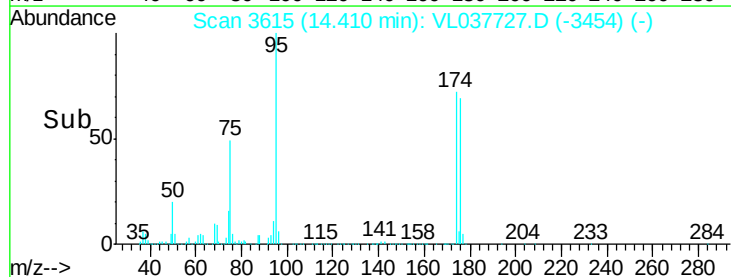
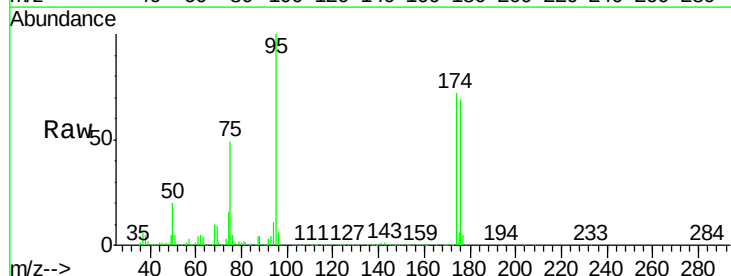
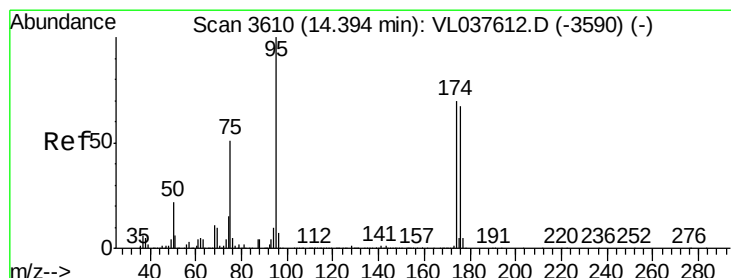
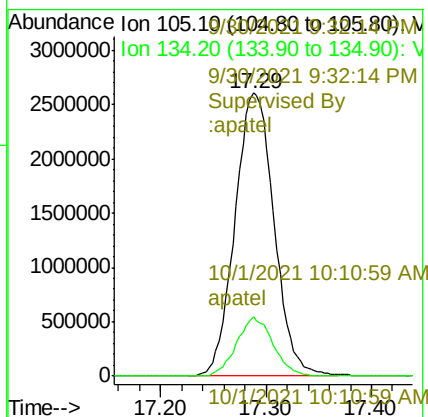


#67
 sec-Butylbenzene
 Concen: 10.207 ppbv
 RT: 17.29 min
 Delta R.T. 0.02 min
 Lab File: VSTDCC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion: 105
 Ion Ratio: 100
 134 19.

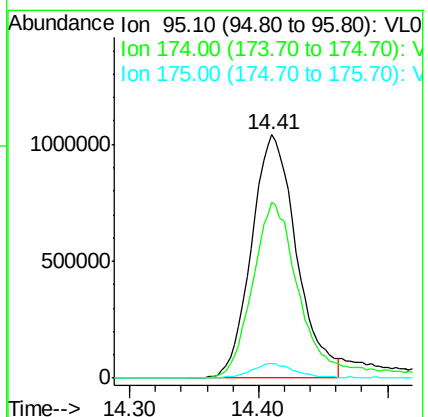
Manual Integrations
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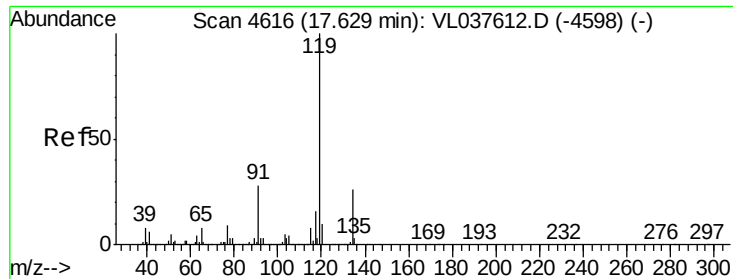
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.067 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 95 Resp: 2541388
 Ion Ratio Lower Upper
 95 100
 174 78.5 56.3 84.5
 175 6.4 4.4 6.6



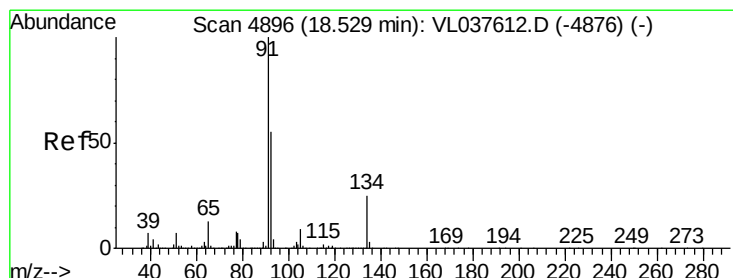
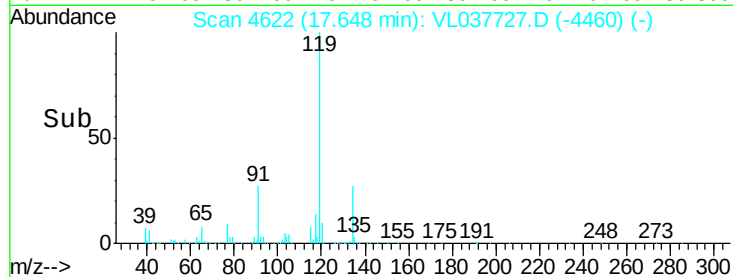
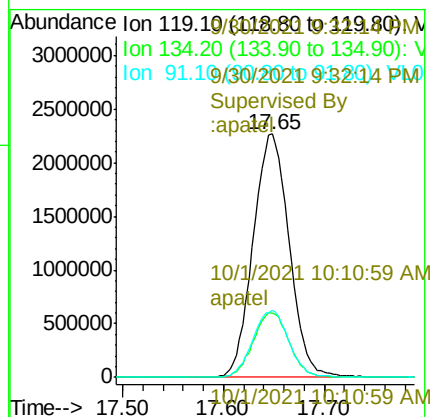
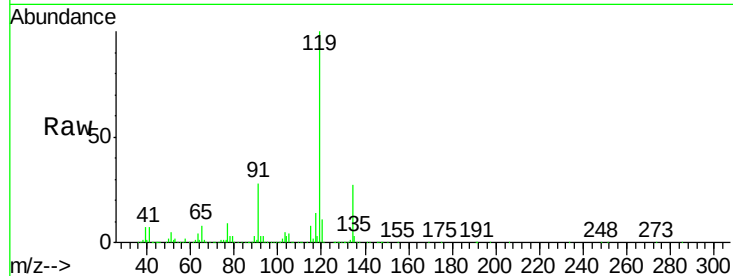


#69
 p-Isopropyltoluene
 Concen: 10.479 ppbv
 RT: 17.65 min
 Delta R.T. 0.02 min
 Lab File: VSTDC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion: 119
 Ion Ratio: 100
 119 100
 134 26.1
 91 27.1

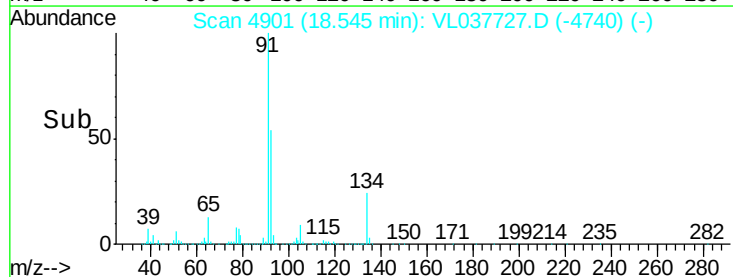
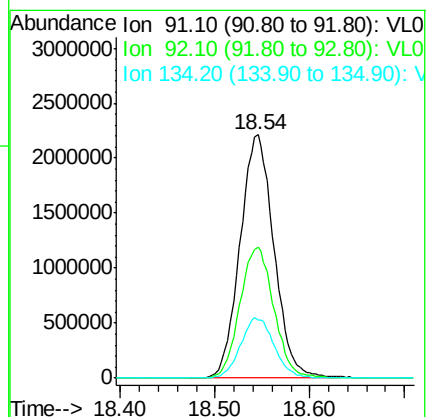
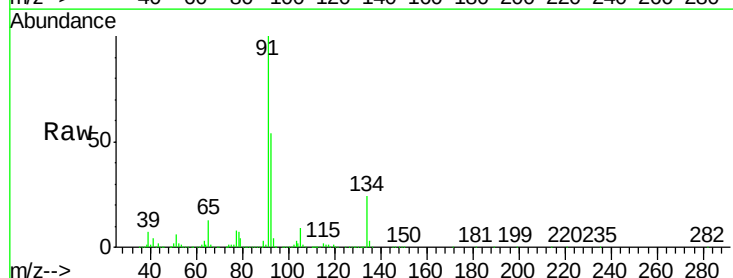
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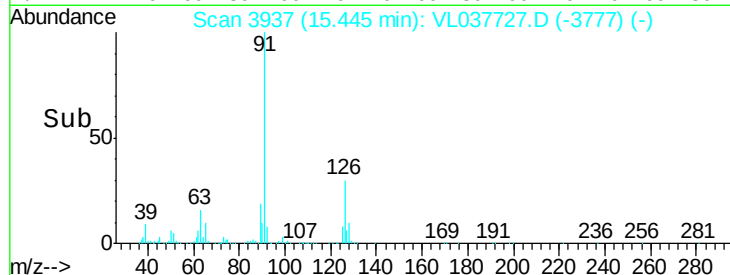
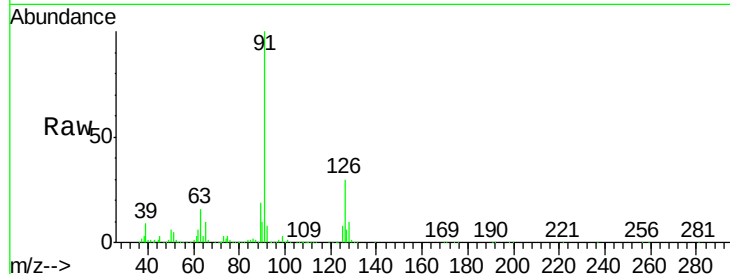
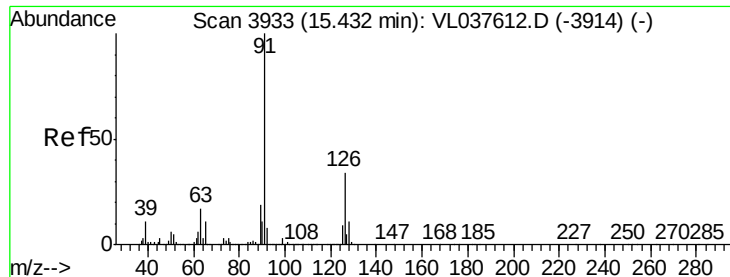
Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021



#70
 n-Butylbenzene
 Concen: 10.833 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 91 Resp: 5503953
 Ion Ratio Lower Upper
 91 100
 92 54.2 44.0 66.0
 134 24.7 19.5 29.3



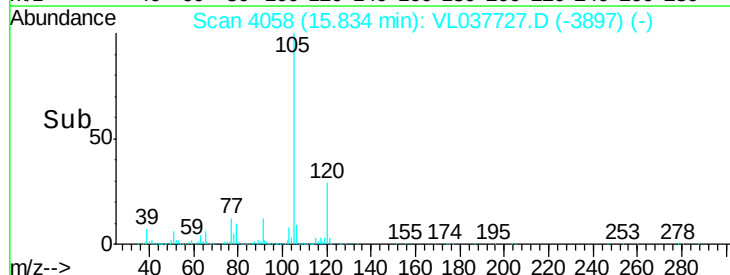
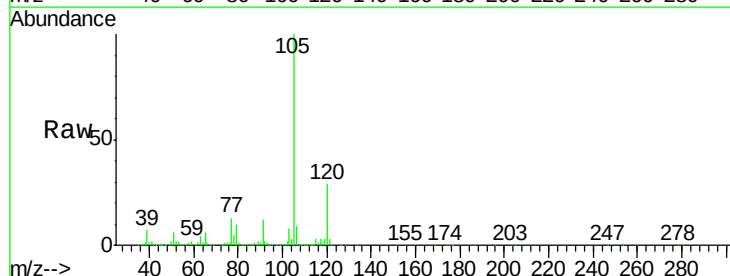
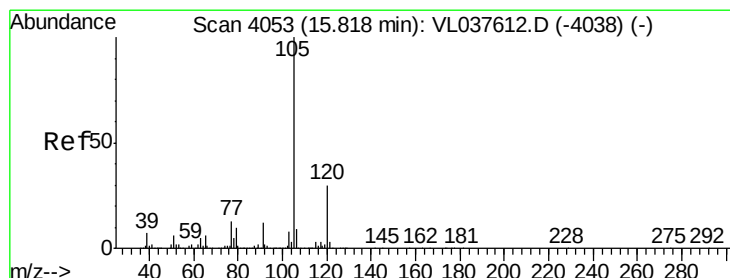
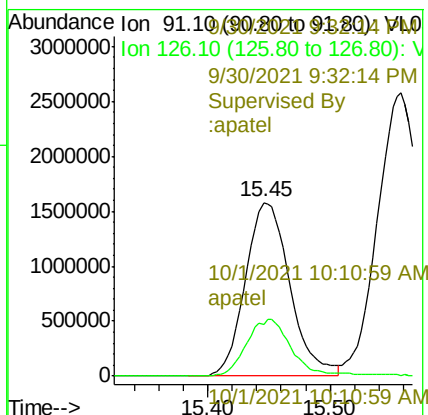


#71
2-Chlorotoluene
Concen: 10.346 ppbv
RT: 15.45 min
Instrument: MSVOA_L
Delta R.T.: 0.02 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion:
Ion Ratio
91 100
126 34.

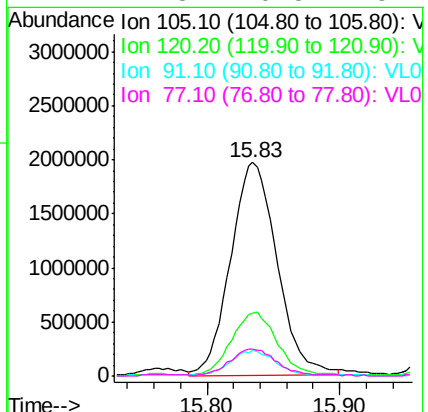
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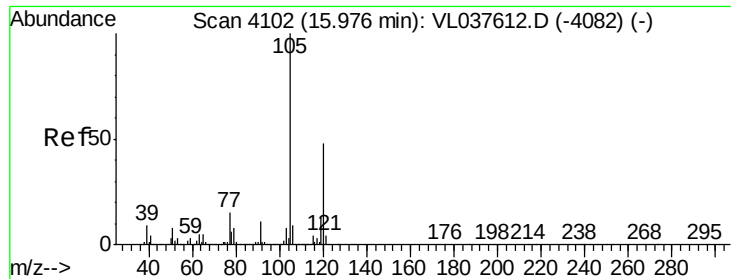
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#72
4-Ethyltoluene
Concen: 10.913 ppbv
RT: 15.83 min Scan# 4058
Delta R.T.: 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion:105 Resp: 4818205
Ion Ratio Lower Upper
105 100
120 30.0 24.7 37.1
91 11.6 9.9 14.9
77 12.8 10.5 15.7



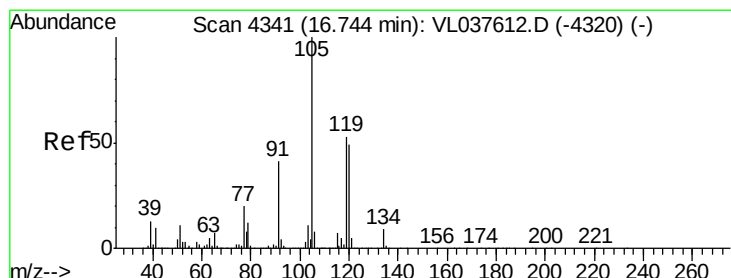
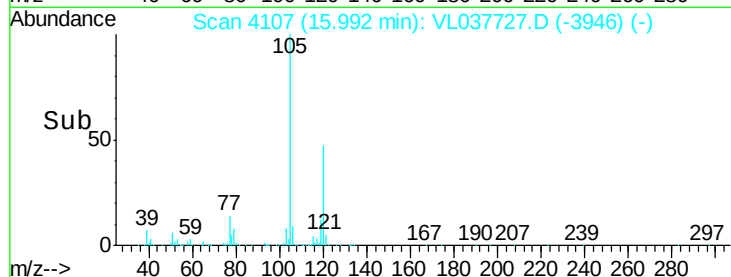
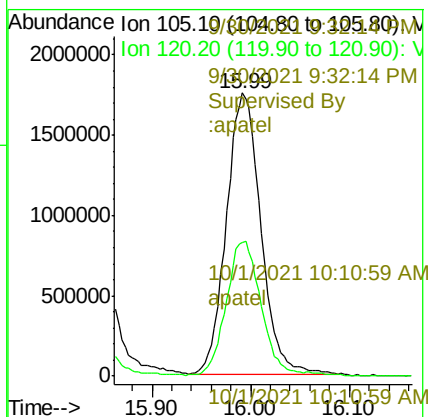
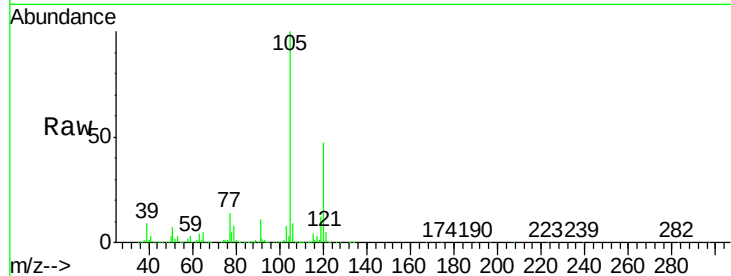


#73
 1,3,5-Trimethylbenzene
 Concen: 10.398 ppbv
 RT: 15.99 min
 Delta R.T. 0.02 min
 Lab File: VSTDC010EC
 Acq: 29 Sep 2021 11:02

Tgt Ion: 105
 Ion Ratio: 100
 120 47.

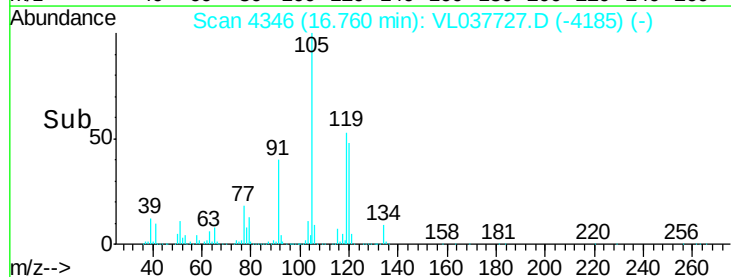
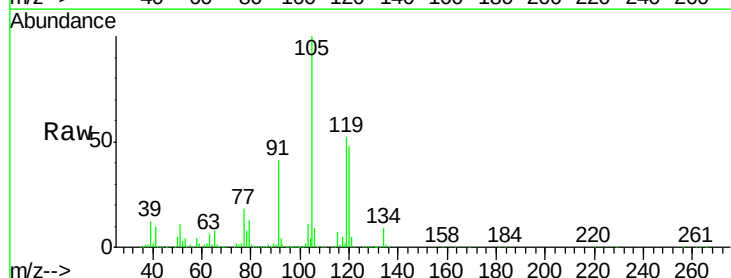
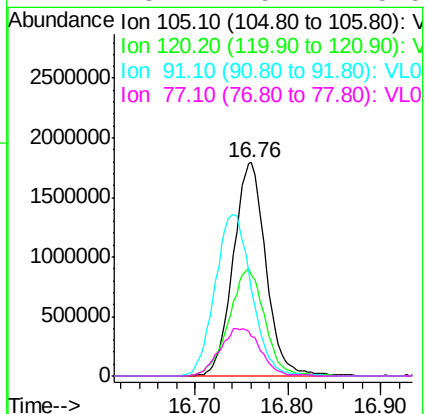
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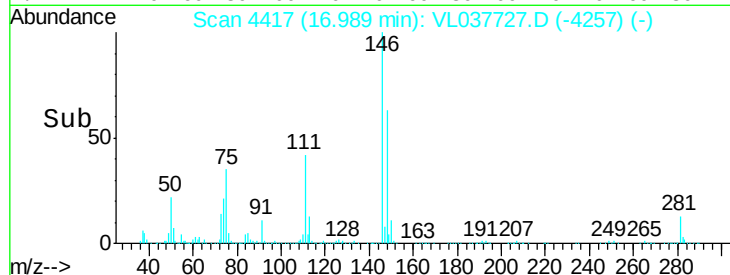
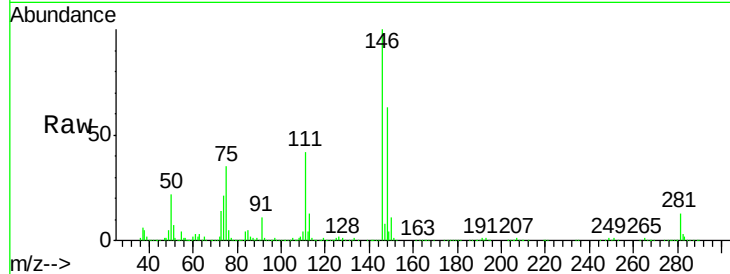
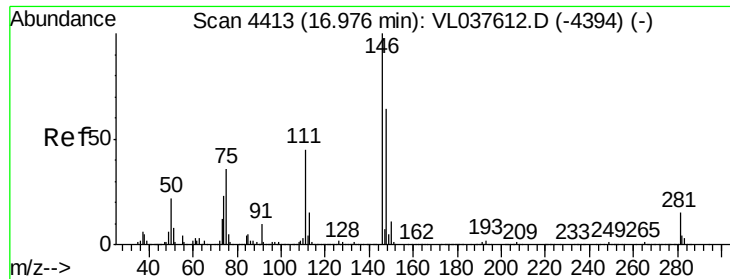
Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 10.098 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 105 Resp: 4377214
 Ion Ratio Lower Upper
 105 100
 120 47.4 39.4 59.0
 91 40.4 33.3 49.9
 77 18.2 15.7 23.5



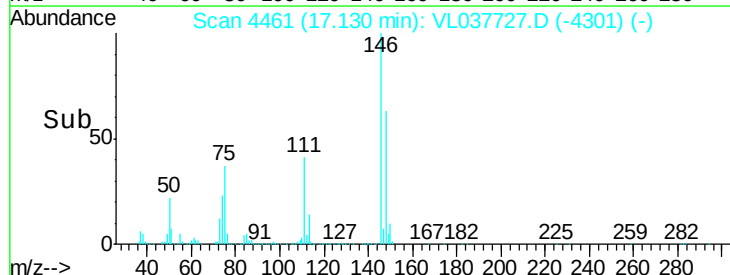
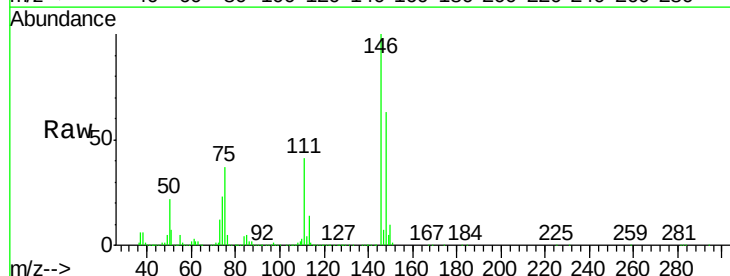
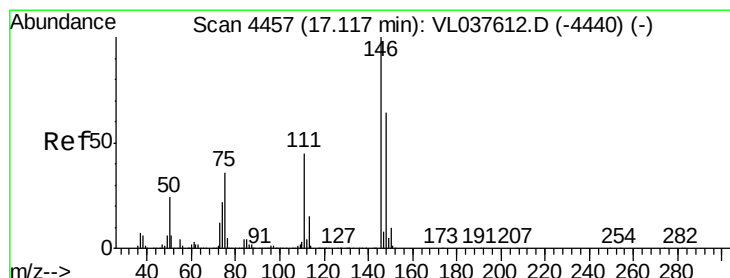
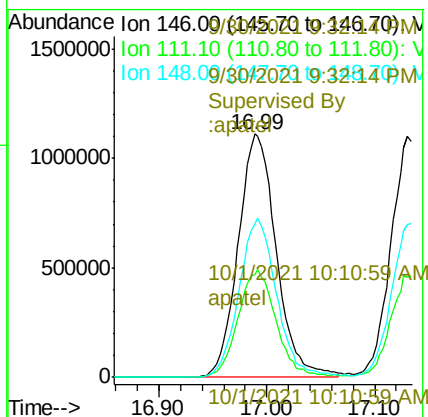


#75
 1,3-Dichlorobenzene
 Concen: 10.135 ppbv
 RT: 16.99 min
 Delta R.T. 0.01 min
 Lab File: VL037612.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 146
 Ion Ratio: 100
 111 44.9
 148 64.4

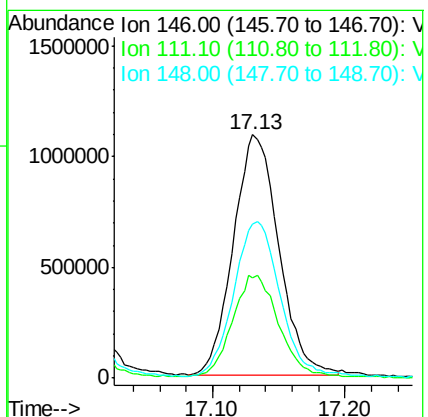
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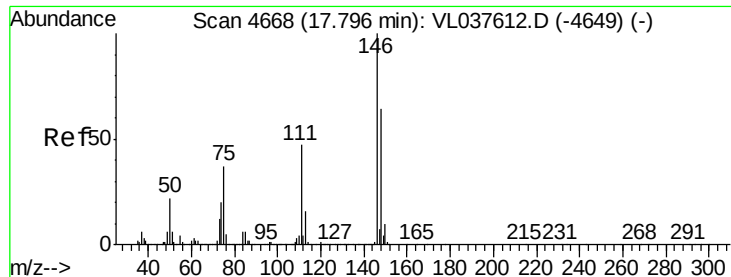
Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021



#76
 1,4-Dichlorobenzene
 Concen: 9.683 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. 0.01 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 146 Resp: 2571936
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.5 67.5
 148 68.4 32.9 98.6



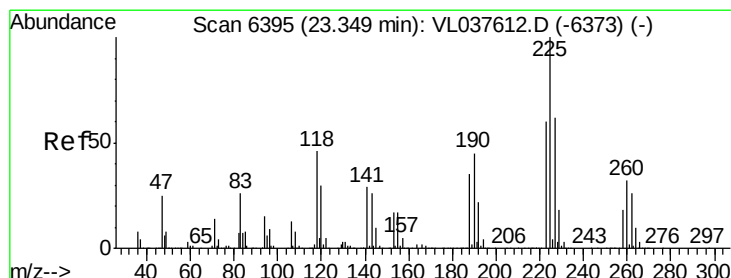
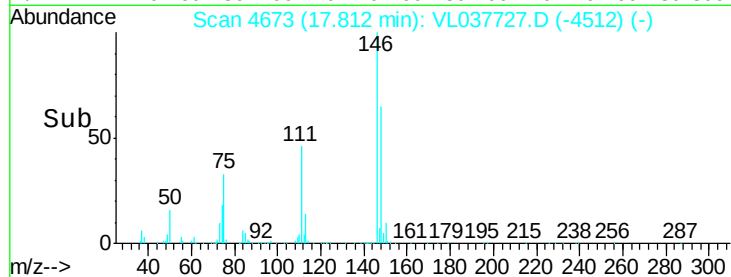
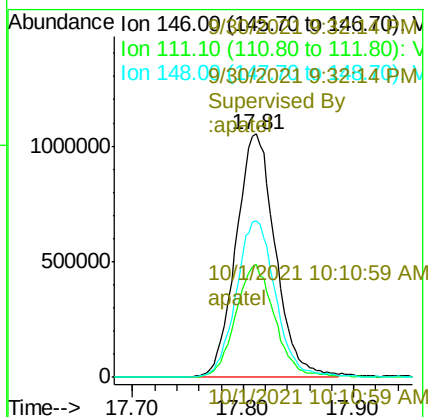
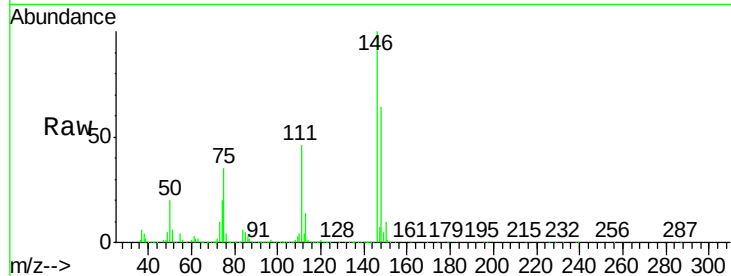


#77
 1,2-Dichlorobenzene
 Concen: 10.121 ppbv
 RT: 17.81 min
 Delta R.T. 0.02 min
 Lab File: VL037612.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 146
 Ion Ratio: 100
 111 46.1
 148 65.1

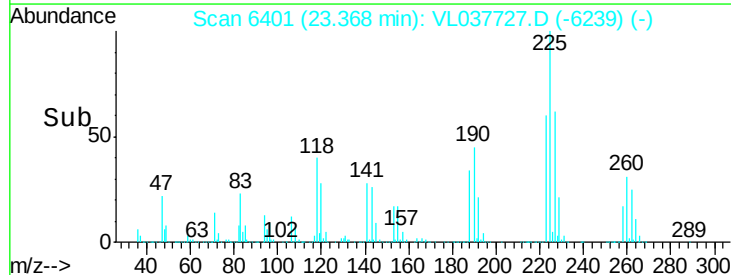
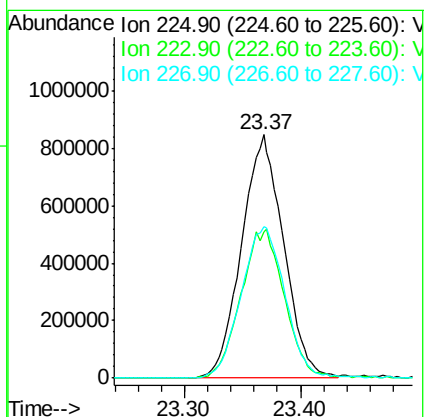
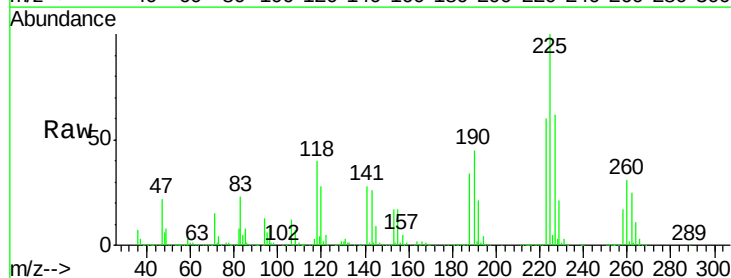
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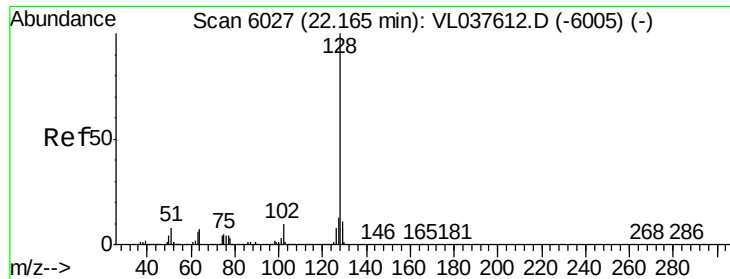
Reviewed By : Semsettin Yesilyurt 09/30/2021
 Supervised By : Amit Patel 10/01/2021



#78
 Hexachloro-1,3-Butadiene
 Concen: 9.911 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T. 0.02 min
 Lab File: VL037727.D
 Acq: 29 Sep 2021 11:02

Tgt Ion: 225 Resp: 2130688
 Ion Ratio Lower Upper
 225 100
 223 64.0 51.1 76.7
 227 65.4 52.2 78.4



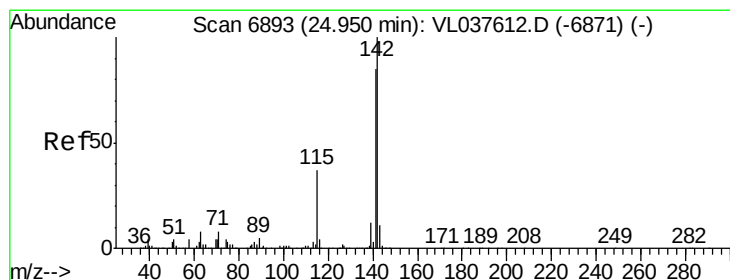
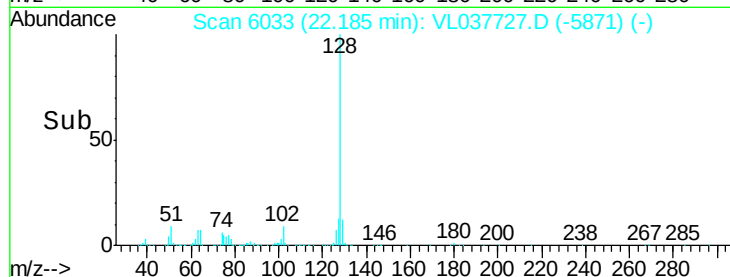
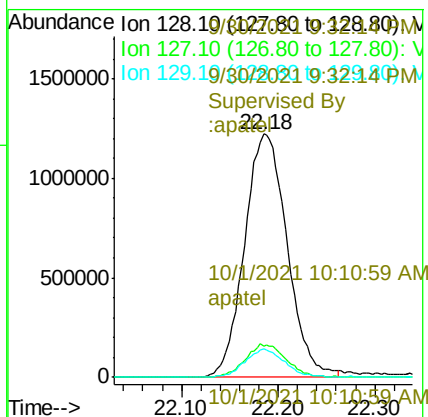
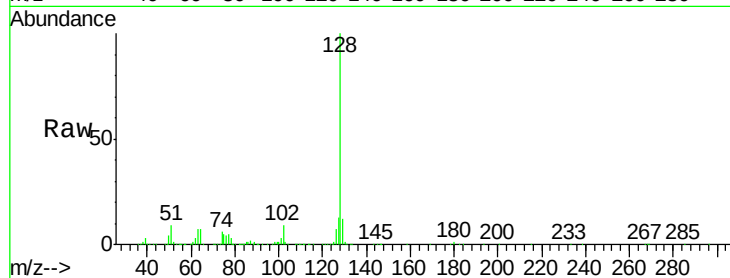


#79
Naphthalene
Concen: 14.057 ppbv
RT: 22.18 min
Delta R.T. 0.02 min
Lab File: VSTDCC010EC
Acq: 29 Sep 2021 11:02

Tgt Ion: 128
Ion Ratio: 100
127 12.0
129 11.0

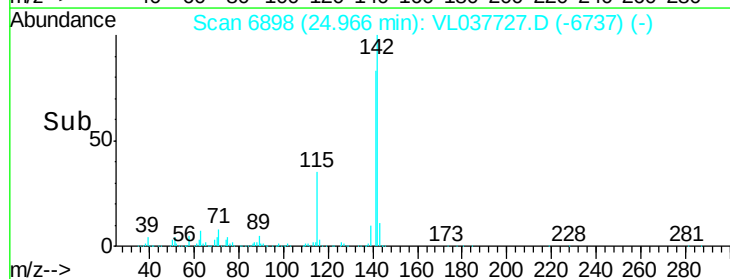
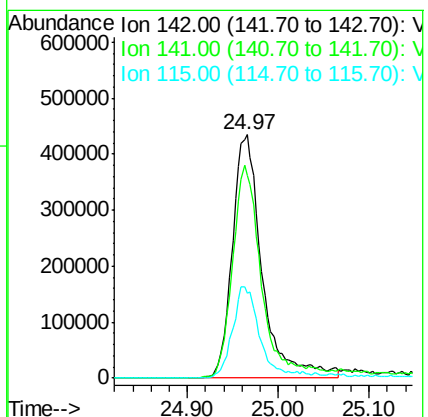
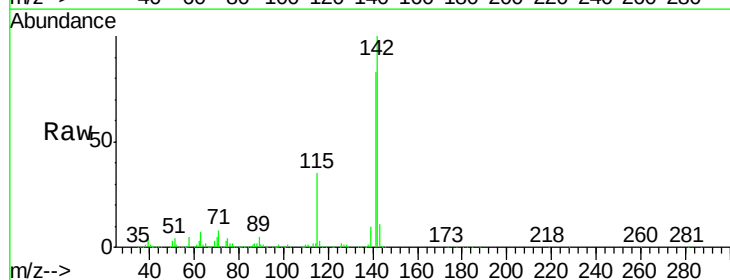
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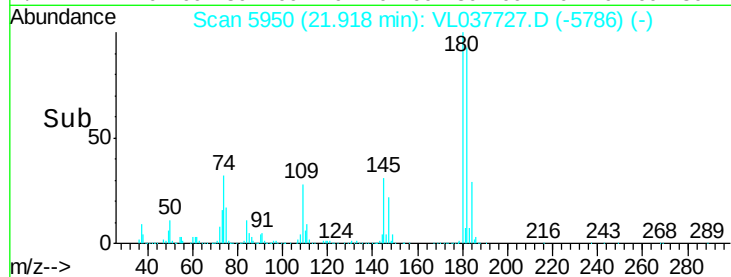
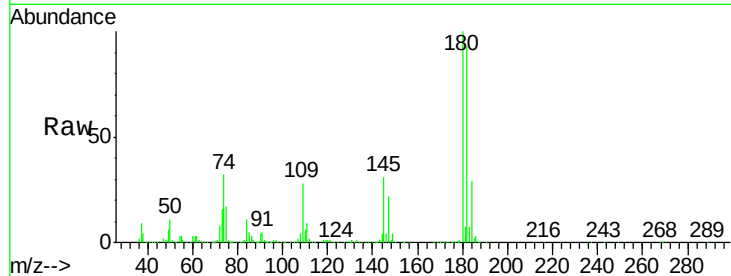
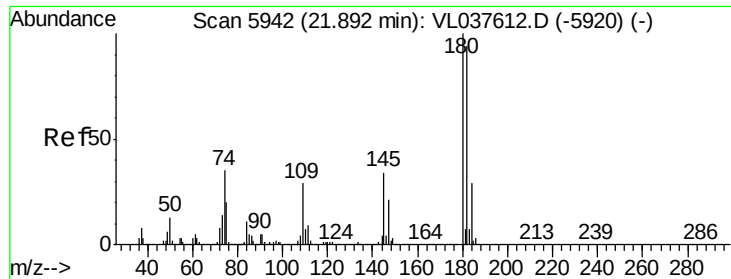
Reviewed By :Semsettin Yesilyurt 09/30/2021
Supervised By :Amit Patel 10/01/2021



#80
Naphthalene, 2-methyl-
Concen: 16.275 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. 0.02 min
Lab File: VL037727.D
Acq: 29 Sep 2021 11:02

Tgt Ion: 142 Resp: 990040
Ion Ratio Lower Upper
142 100
141 92.5 70.9 106.3
115 35.2 29.6 44.4





#81
 1,2,4-Trichlorobenzene
 Concen: 12.658 ppbv
 RT: 21.92
 Delta R.T.
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 11:02

Tgt Ion:1
 Ion Rati
 180 100
 182 99.
 184 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021

