

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037876.D
 Acq On : 19 Oct 2021 12:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Quant Time: Oct 20 02:56:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1259726	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3711750	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3346376	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2374302	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	1633021	8.116	ppbv	96
3) Chlorodifluoromethane	2.99	51	2486400	10.272	ppbv	99
4) Chloromethane	3.14	50	950369	10.720	ppbv	91
5) Vinyl Chloride	3.26	62	921465	11.339	ppbv	98
6) Bromomethane	3.47	94	447819	10.187	ppbv	96
7) Chloroethane	3.56	64	336271	11.253	ppbv	95
8) Dichlorotetrafluoroethane	3.19	85	2091087	10.514	ppbv	100
9) Propene	3.01	41	879029	9.870	ppbv	98
10) Heptane	8.12	43	2293135	11.337	ppbv	100
11) Trichlorofluoromethane	3.95	101	1941907	10.817	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1511364	11.111	ppbv	99
13) Ethanol	3.61	45	89973m	12.353	ppbv	
14) Bromoethene	3.74	108	658783	11.015	ppbv	96
15) Acetone	3.85	43	1354699	11.979	ppbv	100
16) 1,3-Butadiene	3.33	39	914433	11.114	ppbv	100
17) tert-Butyl alcohol	4.28	59	1305924	11.213	ppbv	99
18) 1,1-Dichloroethene	4.29	96	670401	10.845	ppbv	97
19) Isopropyl Alcohol	3.96	45	749490	10.653	ppbv #	94
20) Methylene Chloride	4.34	84	566838	9.920	ppbv	95
21) Allyl Chloride	4.41	41	1048149	10.462	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	710823	11.438	ppbv	99
23) Vinyl Acetate	5.07	43	1757310	10.370	ppbv #	97
24) 1,1-Dichloroethane	5.01	63	1403980	11.381	ppbv	99
25) Ethyl Acetate	5.67	43	3504394	11.043	ppbv	99
26) Hexane	5.68	57	1653052	10.579	ppbv	98
27) Carbon Disulfide	4.55	76	1660259	11.989	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1348148	10.363	ppbv	99
29) Chloroform	5.75	83	2375080	10.634	ppbv	99
30) Cyclohexane	7.13	84	1400308	10.568	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1499323	10.570	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2248055	10.616	ppbv	99
34) 2-Butanone	5.24	43	1539946	10.277	ppbv	99
35) Carbon Tetrachloride	7.01	117	2363865	11.214	ppbv	99
36) Benzene	6.89	78	3455562	10.900	ppbv	98
37) 1,2-Dichloroethane	6.30	62	1656605	11.097	ppbv	100
38) Trichloroethene	7.83	130	1381046	11.026	ppbv	98
39) 1,2-Dichloropropane	7.61	63	1320803	11.076	ppbv	95
40) 1,4-Dioxane	7.83	88	332193	11.132	ppbv #	100
41) Tetrahydrofuran	6.05	42	773582	10.543	ppbv	98
42) Bromodichloromethane	7.79	83	2518509	11.486	ppbv	98
43) Methyl Methacrylate	8.01	69	1240432	11.979	ppbv	99

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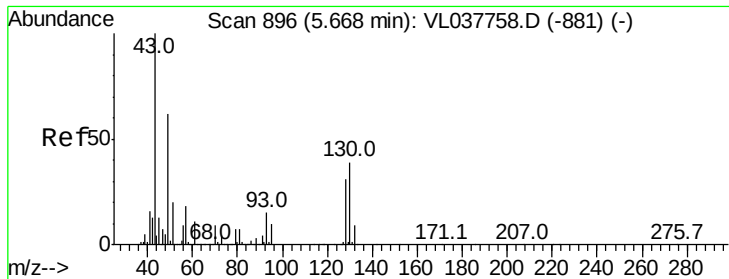
Manual Integrations
 APPROVED

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5865116	11.011	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	812748	11.407	ppbv	99
46) cis-1,3-Dichloropropene	8.70	75	1077311	10.909	ppbv	96
47) 1,1,2-Trichloroethane	9.47	97	1426140	11.001	ppbv	96
48) Dibromochloromethane	10.30	129	2249840	12.174	ppbv	99
49) Bromoform	13.03	173	1835505	12.981	ppbv	98
50) 4-Methyl-2-Pentanone	8.74	43	2286380	11.721	ppbv	100
51) 2-Hexanone	10.13	43	1066425	12.246	ppbv #	99
52) Tetrachloroethene	11.22	164	1271067	10.305	ppbv	96
53) Toluene	9.80	91	4051544	11.532	ppbv	100
54) 1,2-Dibromoethane	10.61	107	1967883	11.238	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.12	131	1566490	11.308	ppbv	99
57) Chlorobenzene	12.14	112	3021207	11.005	ppbv	97
58) Ethyl Benzene	12.71	91	5177452	11.522	ppbv	99
59) m/p-Xylene	12.99	91	8886355m	23.038	ppbv	
60) o-Xylene	13.69	91	4220774	11.418	ppbv	99
61) Styrene	13.52	104	2289911	12.807	ppbv	99
62) Isopropylbenzene	14.66	105	5928173	11.498	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3123305	10.949	ppbv	100
64) n-propylbenzene	15.56	120	1603047	12.468	ppbv	95
65) tert-Butylbenzene	16.74	119	5208665	11.480	ppbv	99
66) Benzyl Chloride	16.98	91	261187	11.664	ppbv #	99
67) sec-Butylbenzene	17.29	105	7308785	11.778	ppbv	100
69) p-Isopropyltoluene	17.64	119	6160377	12.279	ppbv	100
70) n-Butylbenzene	18.54	91	6148278	12.900	ppbv	100
71) 2-Chlorotoluene	15.45	91	4261247	11.704	ppbv	100
72) 4-Ethyltoluene	15.83	105	5146862	12.262	ppbv	98
73) 1,3,5-Trimethylbenzene	15.99	105	4558601	11.957	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	4799948	11.989	ppbv	97
75) 1,3-Dichlorobenzene	16.99	146	2998785	12.090	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2895147	12.235	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2884716	12.107	ppbv	99
78) Hexachloro-1,3-Butadiene	23.37	225	2071290	10.646	ppbv	99
79) Naphthalene	22.18	128	3505273	14.296	ppbv	99
80) Naphthalene, 2-methyl-	24.97	142	861330	13.083	ppbv	97
81) 1,2,4-Trichlorobenzene	21.91	180	2090830	13.333	ppbv	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

49 100

128 55.

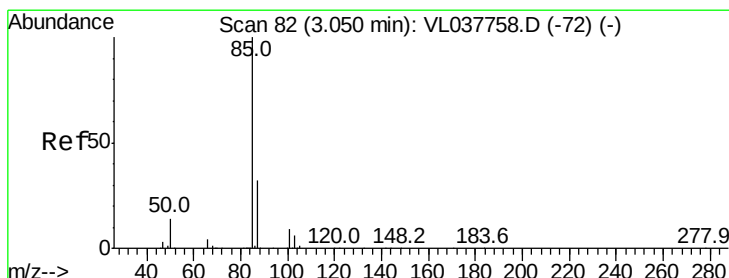
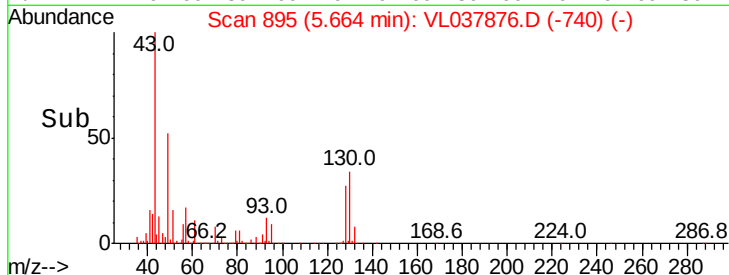
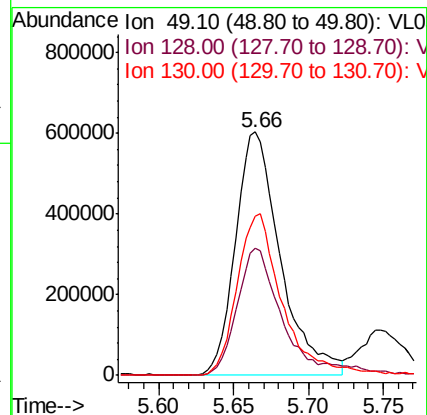
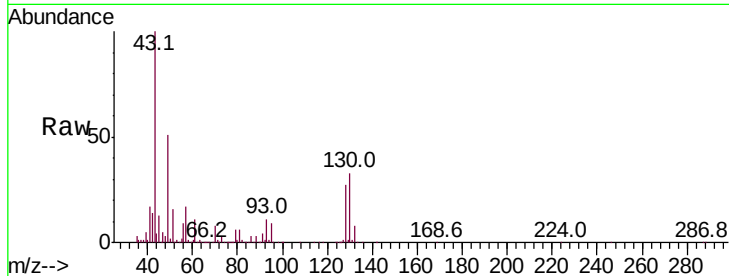
130 67.

Manual Integrations

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Supervised By :Mahesh Dadoda 10/27/2021



#2

Dichlorodifluoromethane

Concen: 8.116 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.00 min

Lab File: VL037876.D

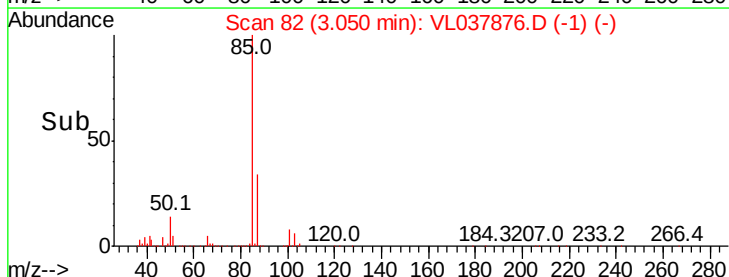
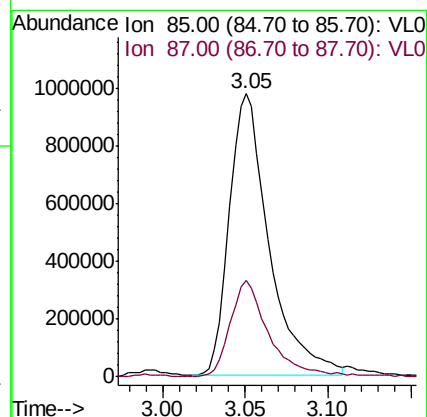
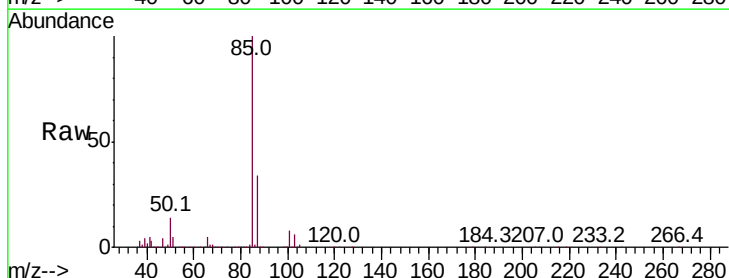
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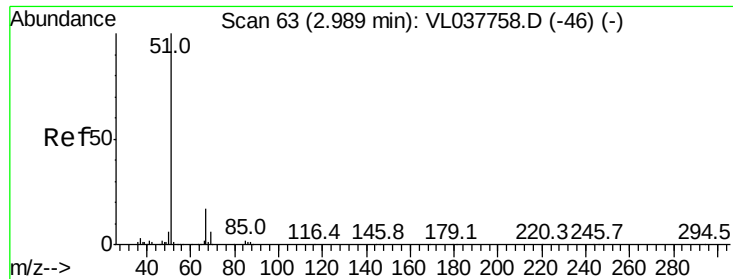
Tgt Ion: 85 Resp: 1633021

Ion Ratio Lower Upper

85 100

87 34.2 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.272 ppbv

RT: 2.99 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01 VSTDCCC010EC

Tot Ion:

Ion Ratio

51 100

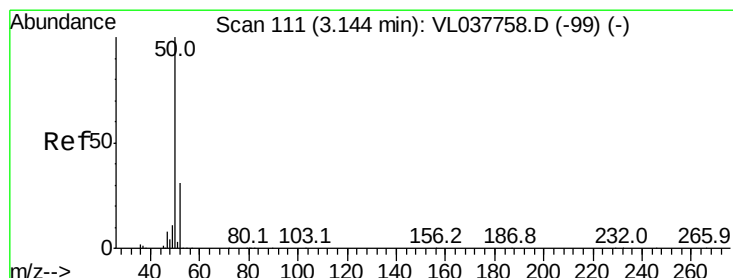
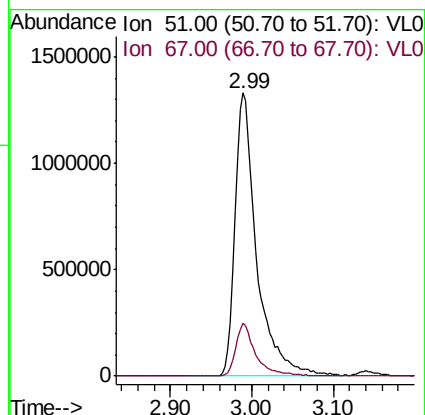
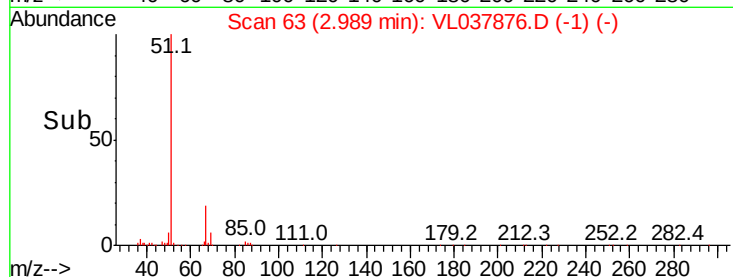
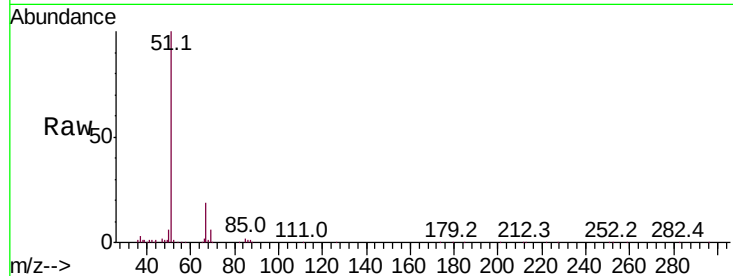
67 17.

Manual Integrations

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#4

Chloromethane

Concen: 10.720 ppbv

RT: 3.14 min Scan# 110

Delta R.T. -0.00 min

Lab File: VL037876.D

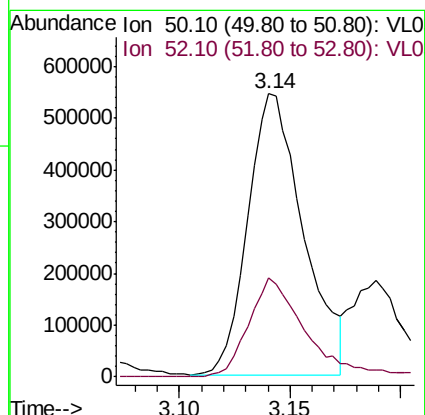
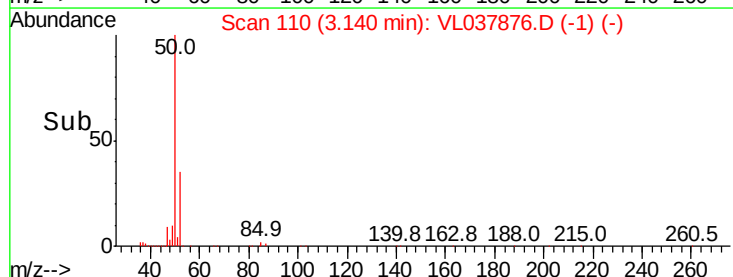
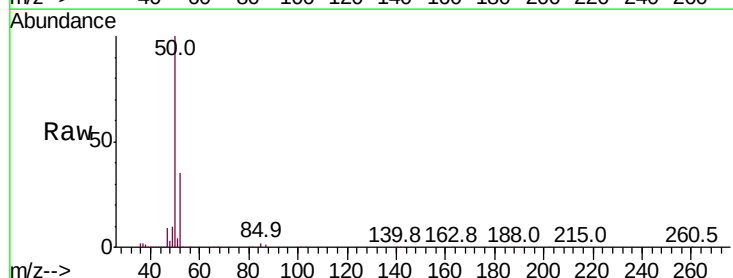
Acq: 19 Oct 2021 12:01

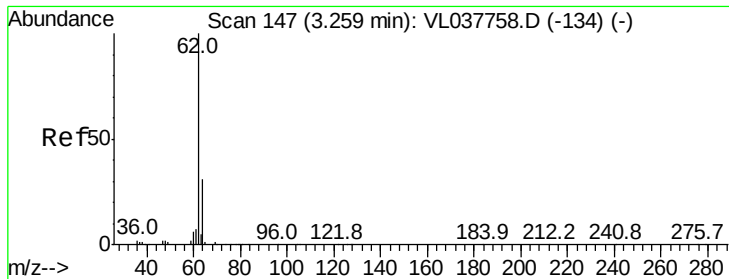
Tgt Ion: 50 Resp: 950369

Ion Ratio Lower Upper

50 100

52 35.4 24.4 36.6





#5

Vinyl Chloride

Concen: 11.339 ppbv

RT: 3.26

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

62 100

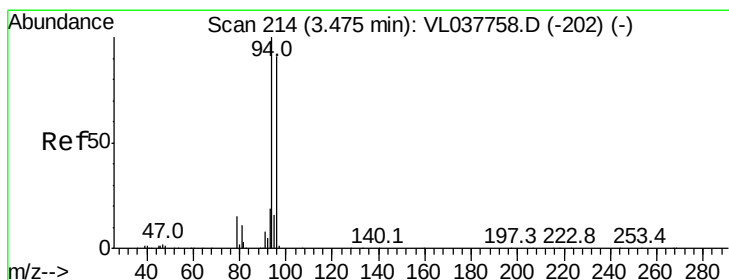
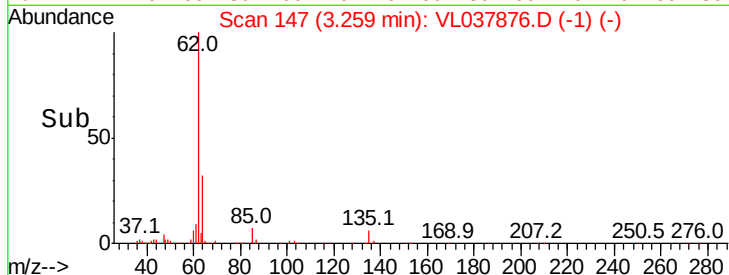
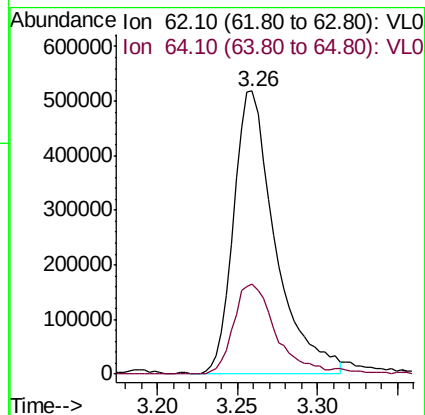
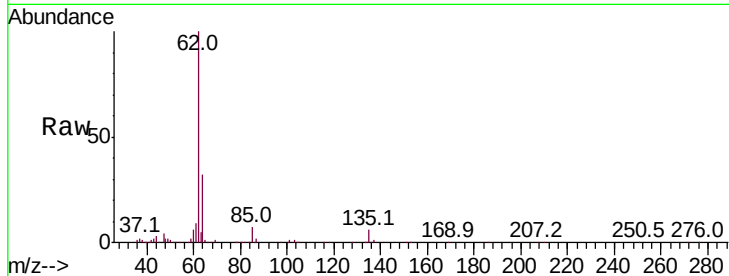
64 32.

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/27/2021



#6

Bromomethane

Concen: 10.187 ppbv

RT: 3.47 min Scan# 213

Delta R.T. -0.00 min

Lab File: VL037876.D

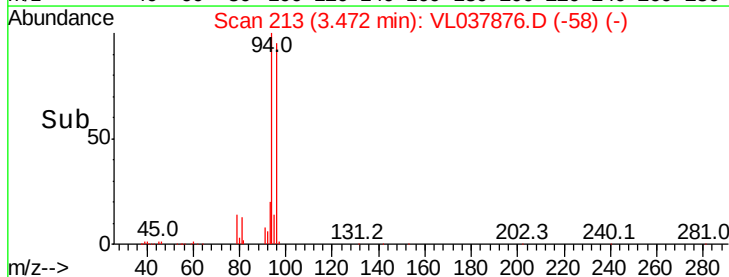
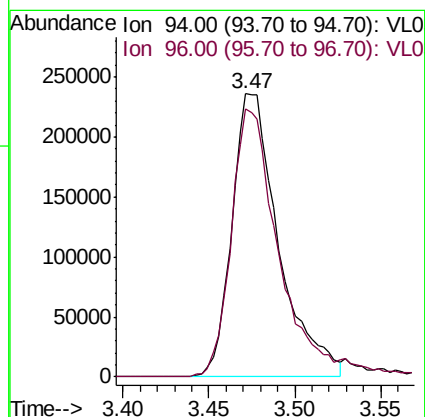
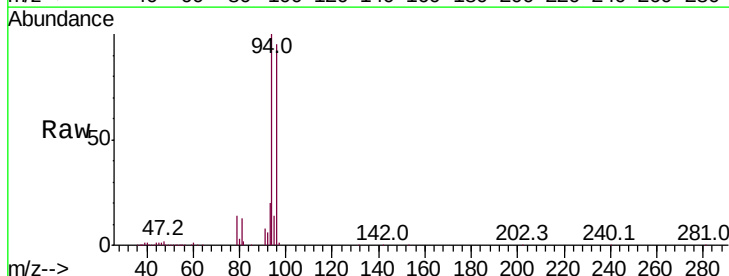
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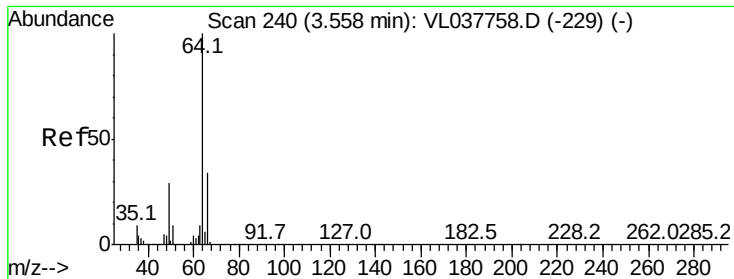
Tgt Ion: 94 Resp: 447819

Ion Ratio Lower Upper

94 100

96 94.5 72.5 108.7





#7

Chloroethane

Concen: 11.253 ppbv

RT: 3.56 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01 VSTDCCC010EC

Tot Ion:

Ion Ratio

64 100

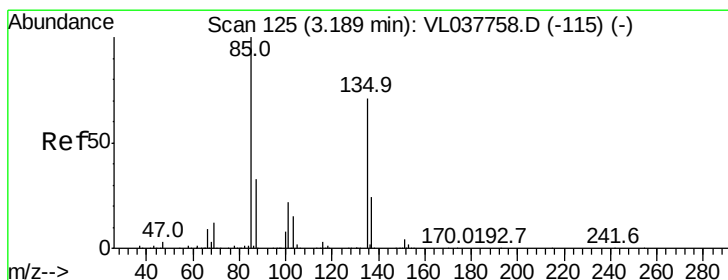
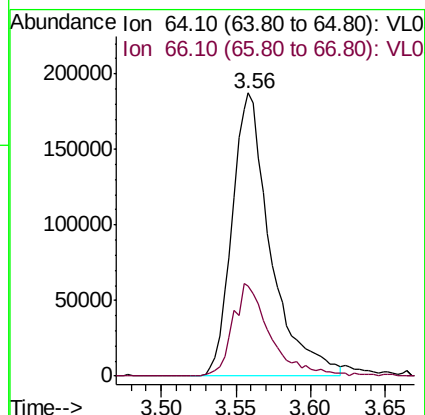
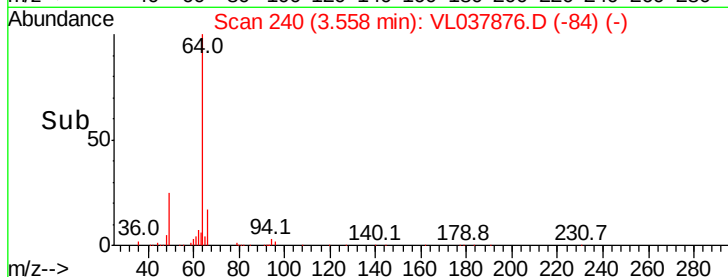
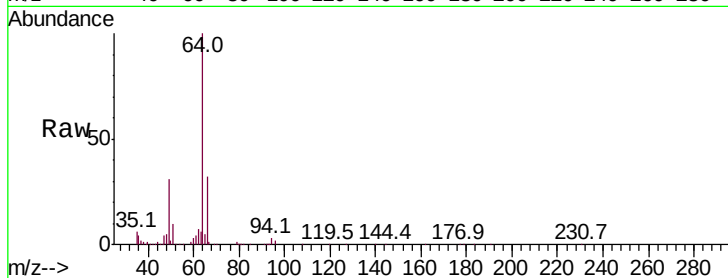
66 31.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#8

Dichlorotetrafluoroethane

Concen: 10.514 ppbv

RT: 3.19 min Scan# 125

Delta R.T. 0.00 min

Lab File: VL037876.D

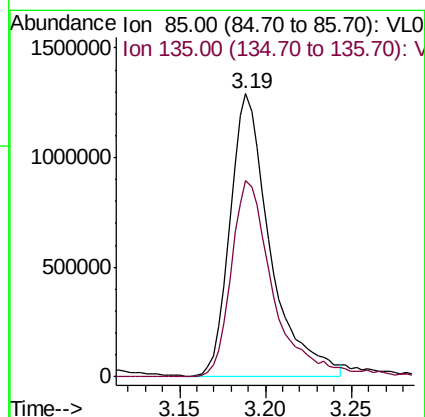
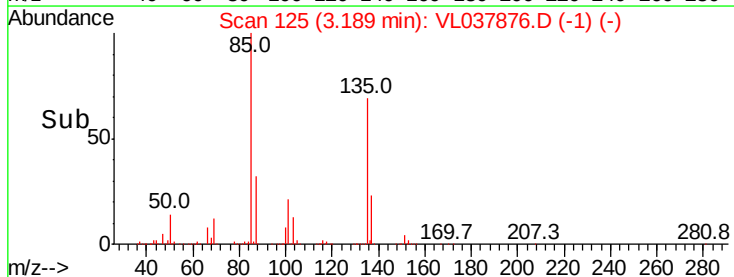
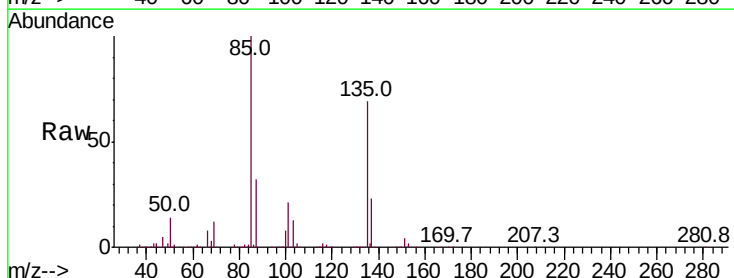
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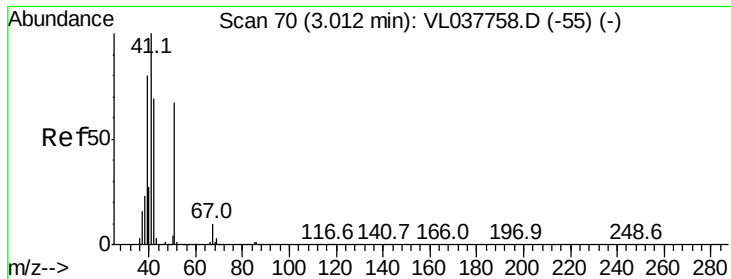
Tgt Ion: 85 Resp: 2091087

Ion Ratio Lower Upper

85 100

135 74.7 59.5 89.3



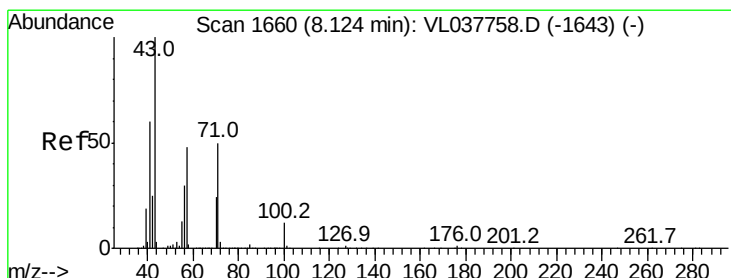
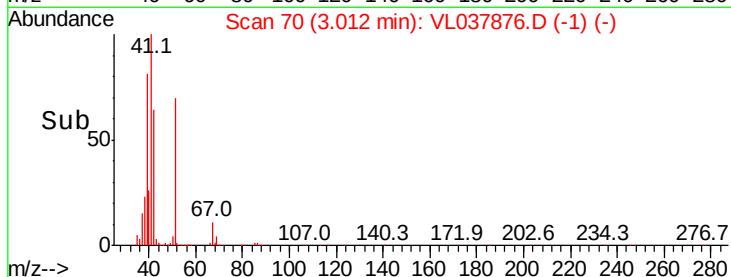
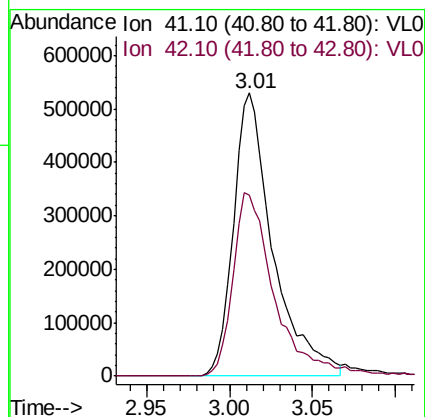
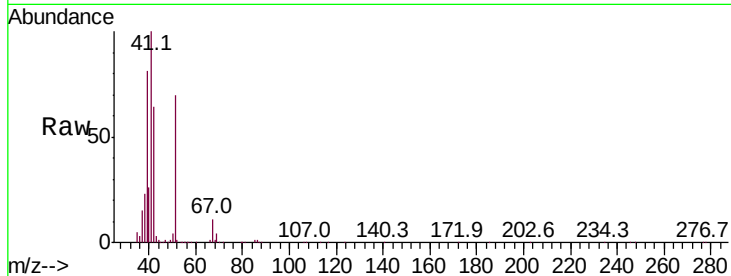


#9
 Propene
 Concen: 9.870 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:
 Ion Ratio
 41 100
 42 69.

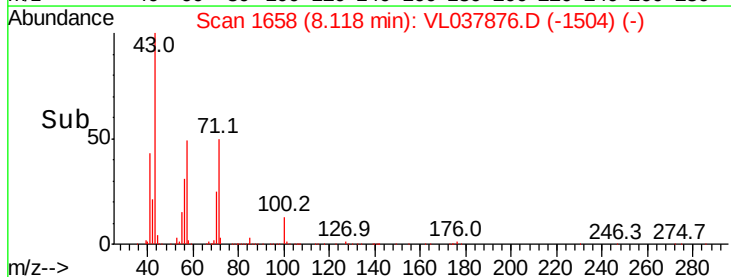
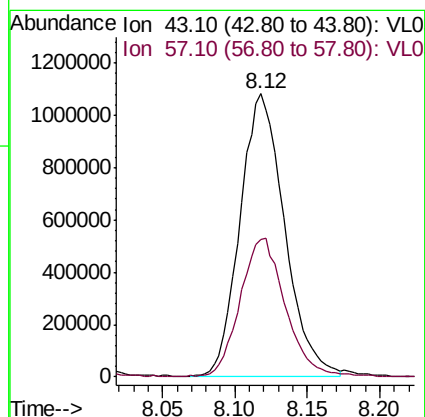
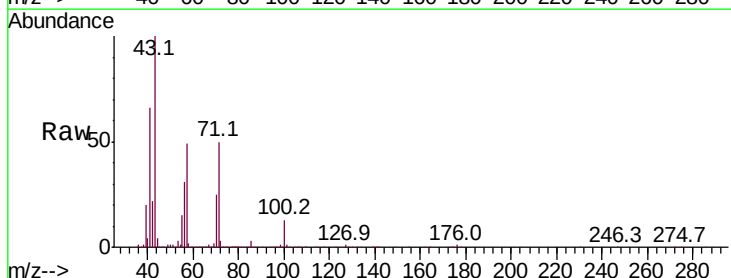
Manual Integrations
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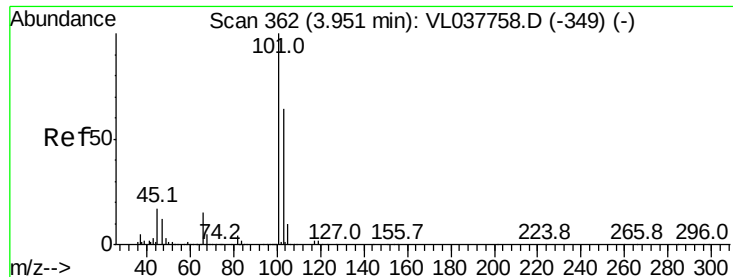
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#10
 Heptane
 Concen: 11.337 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 43 Resp: 2293135
 Ion Ratio Lower Upper
 43 100
 57 50.3 40.0 60.0



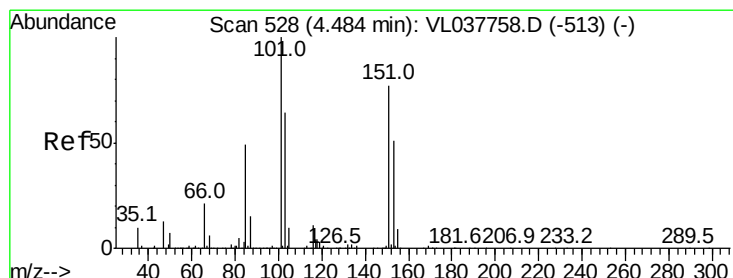
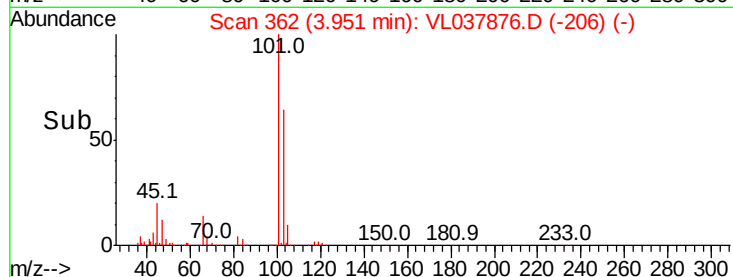
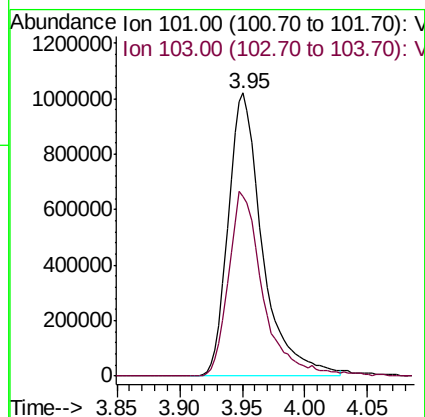
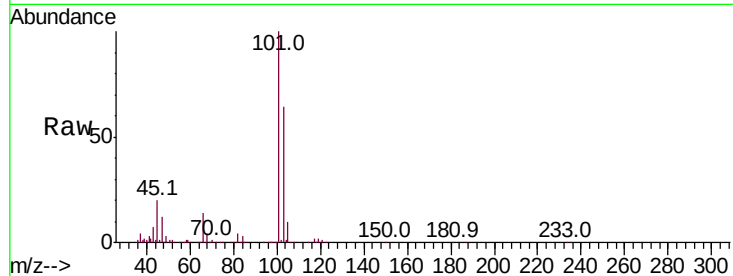


#11
 Trichlorofluoromethane
 Concen: 10.817 ppbv
 RT: 3.95 min
 Instrument: MSVOA_1
 Delta R.T.: 0.00 min
 Lab File: ClientSampleId : VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion: 1
 Ion Ratio
 101 100
 103 63.

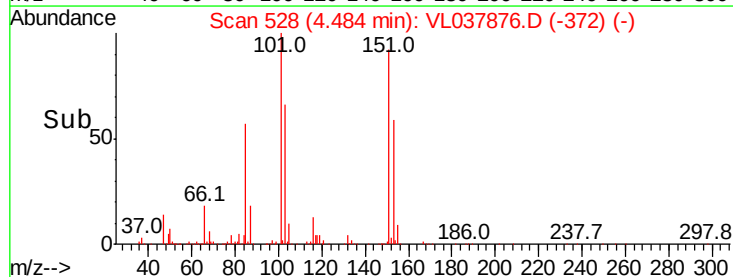
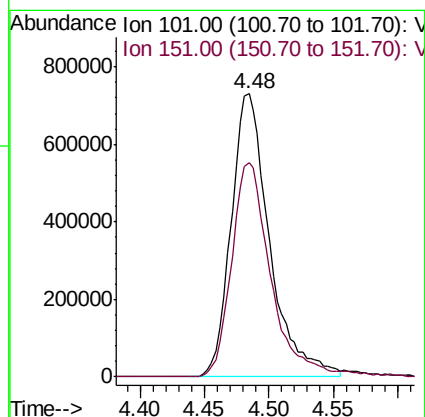
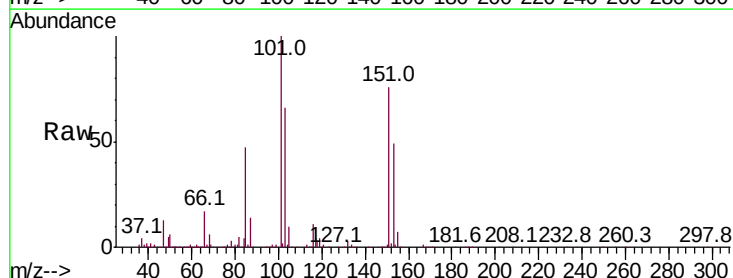
Manual Integrations
 APPROVED

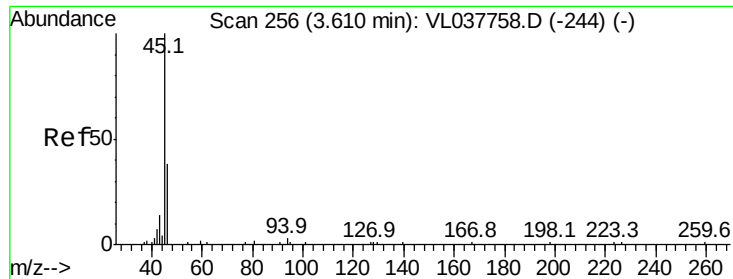
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/27/2021



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.111 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T.: 0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 101 Resp: 1511364
 Ion Ratio Lower Upper
 101 100
 151 78.1 62.9 94.3



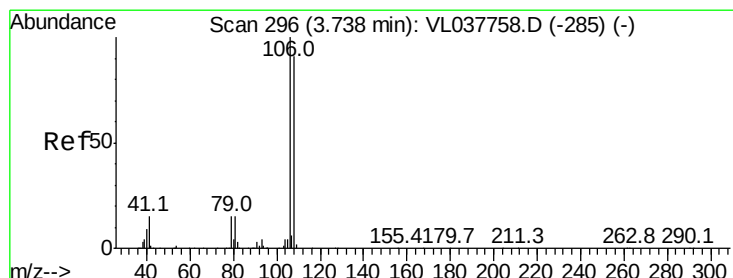
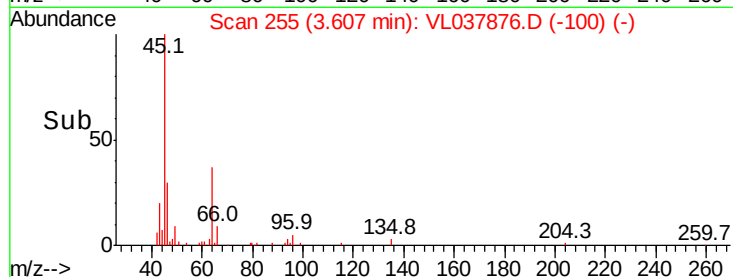
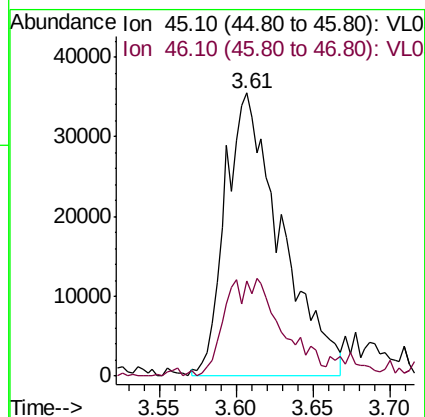
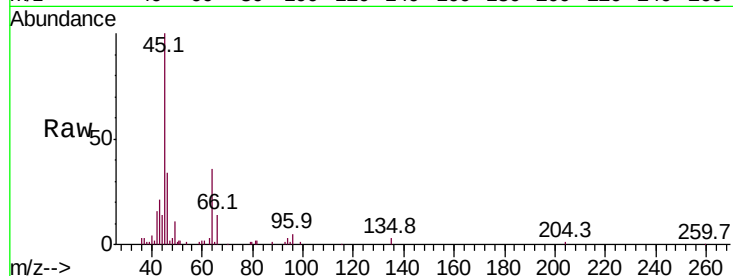


#13
Ethanol
Concen: 12.353 ppbv m
RT: 3.61
Instrument : MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01

Tot Ion:
Ion Ratio
45 100
46 39.

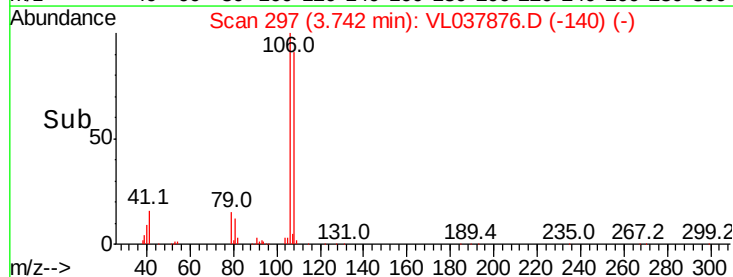
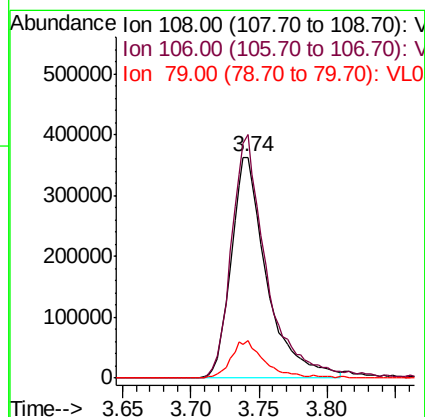
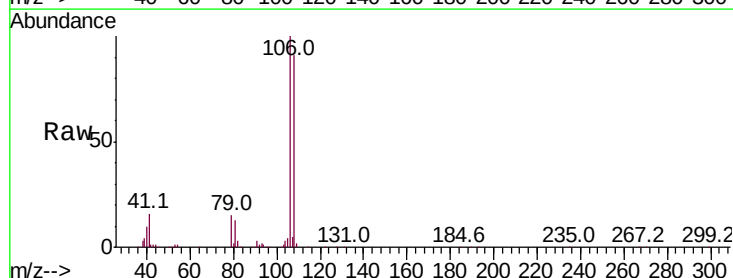
Manual Integrations
APPROVED

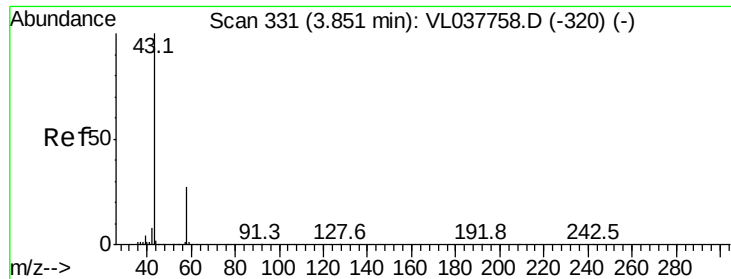
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#14
Bromoethene
Concen: 11.015 ppbv
RT: 3.74 min Scan# 297
Delta R.T. 0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion:108 Resp: 658783
Ion Ratio Lower Upper
108 100
106 110.6 91.9 137.9
79 16.7 13.9 20.9



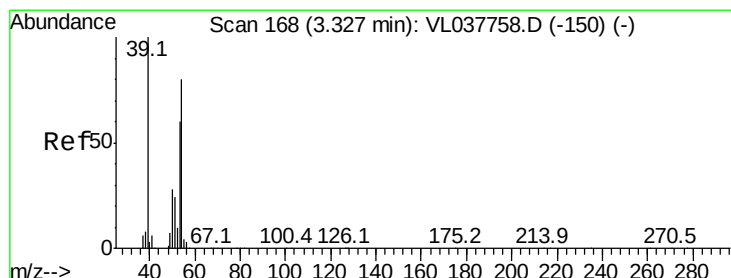
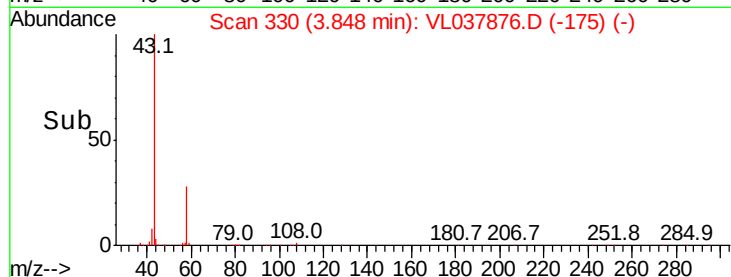
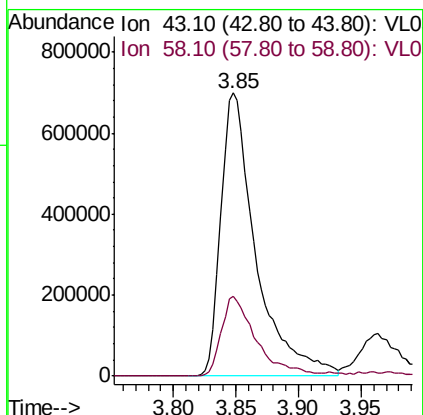
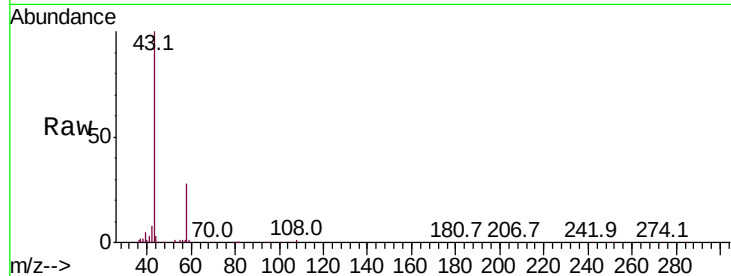


#15
Acetone
Concen: 11.979 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01 VSTDCCC010EC

Tot Ion:
Ion Ratio
43 100
58 28.

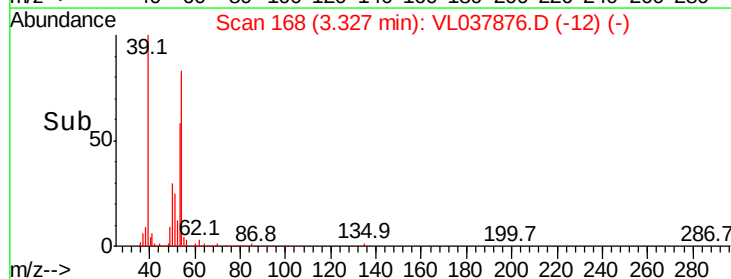
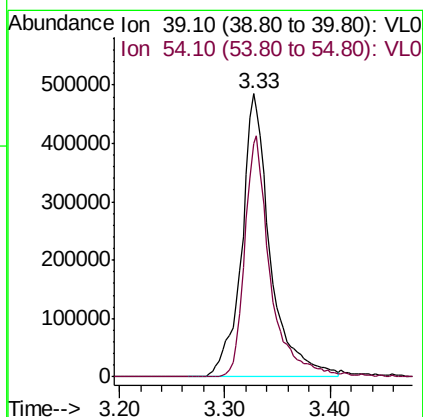
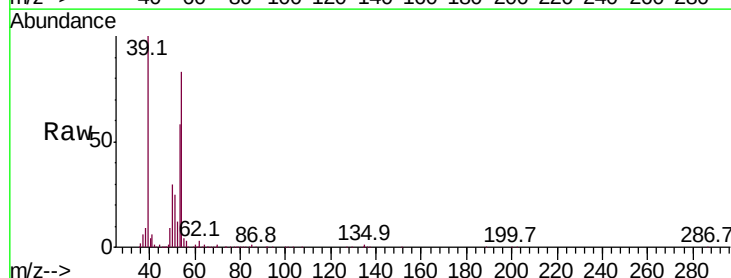
Manual Integrations
APPROVED

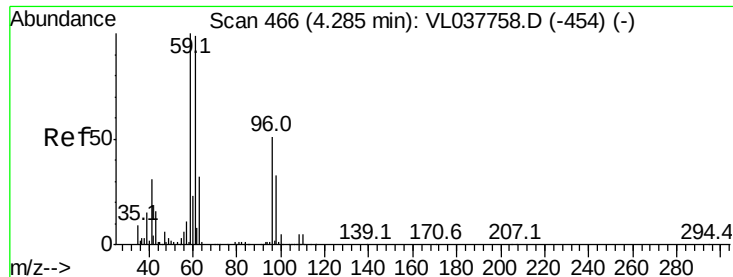
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#16
1,3-Butadiene
Concen: 11.114 ppbv
RT: 3.33 min Scan# 168
Delta R.T. 0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 39 Resp: 914433
Ion Ratio Lower Upper
39 100
54 76.8 61.7 92.5





#17

tert-Butyl alcohol

Concen: 11.213 ppbv

RT: 4.28 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01 VSTDCCC010EC

Tot Ion:

Ion Ratio

59 100

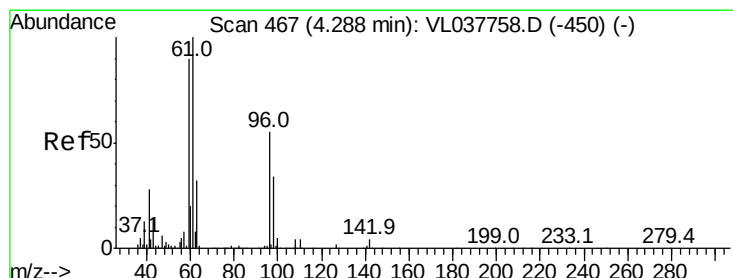
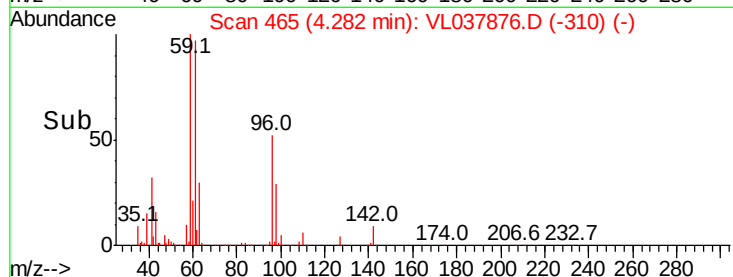
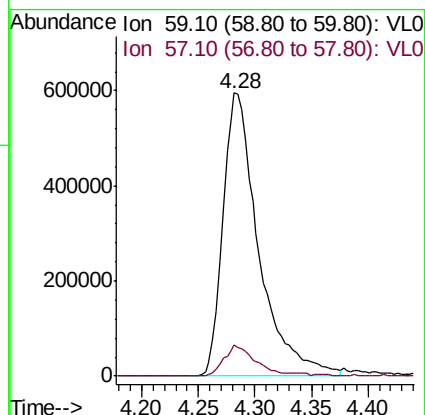
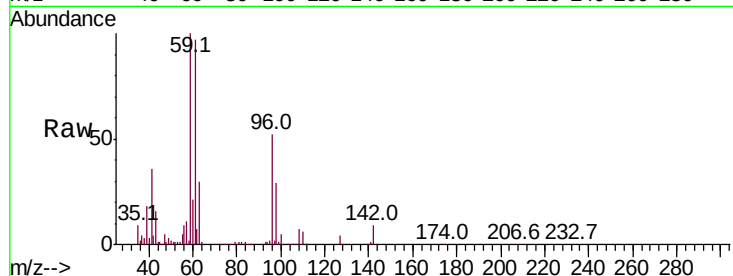
57 10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#18

1,1-Dichloroethene

Concen: 10.845 ppbv

RT: 4.29 min Scan# 467

Delta R.T. 0.00 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

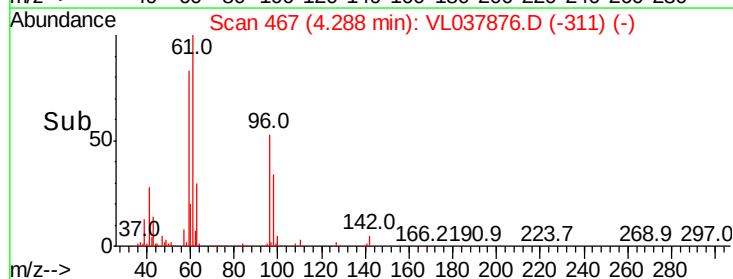
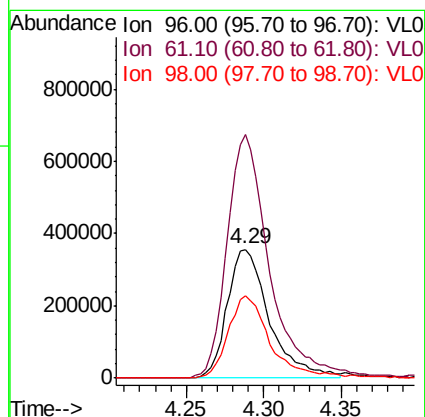
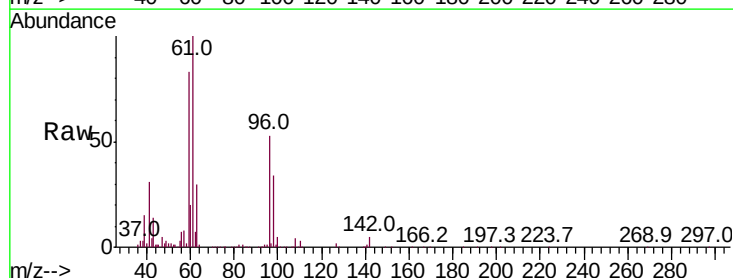
Tgt Ion: 96 Resp: 670401

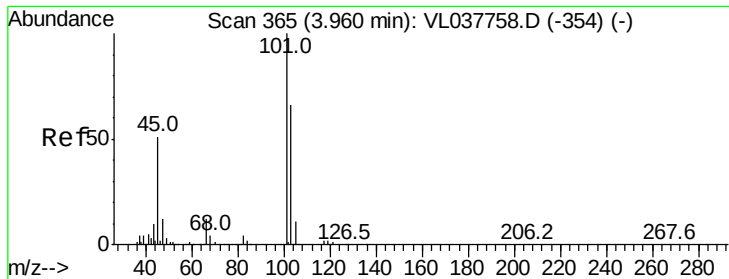
Ion Ratio Lower Upper

96 100

61 188.4 146.2 219.4

98 64.0 50.0 75.0





#19

Isopropyl Alcohol

Concen: 10.653 ppbv

RT: 3.96

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

45 100

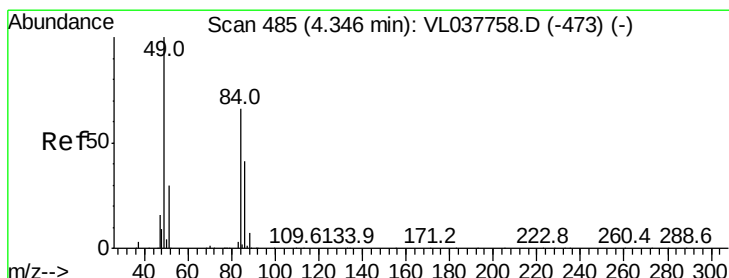
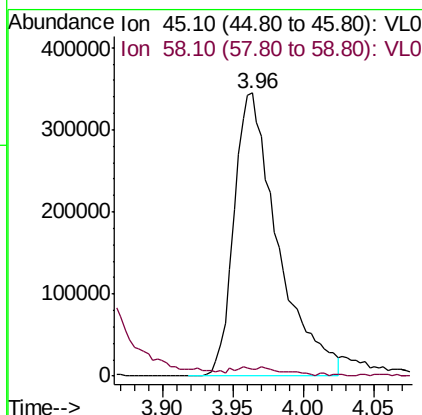
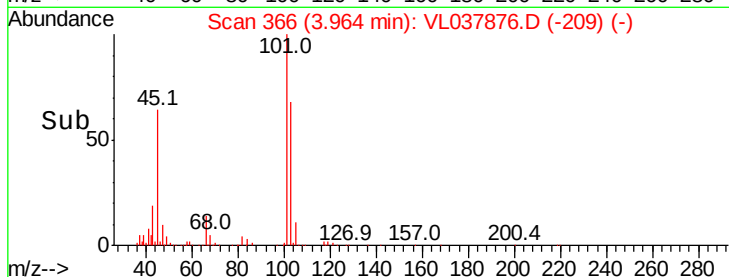
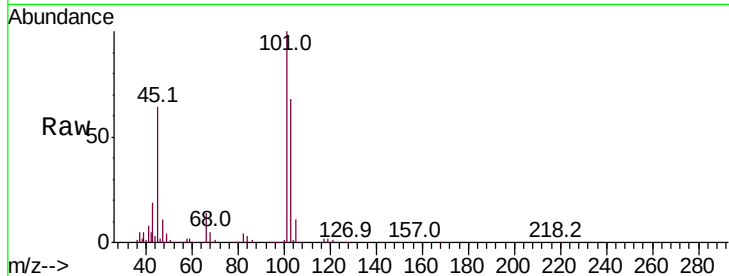
58 3.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#20

Methylene Chloride

Concen: 9.920 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

Tgt Ion: 84 Resp: 566838

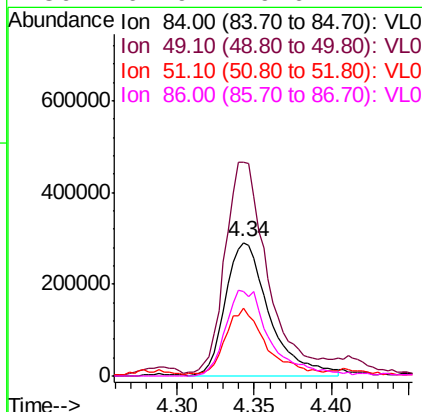
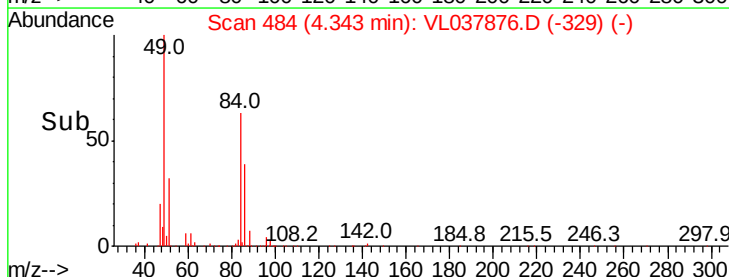
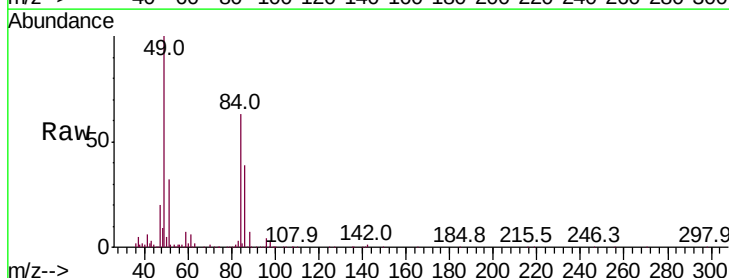
Ion Ratio Lower Upper

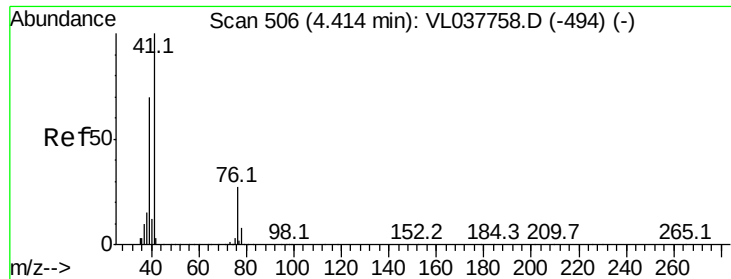
84 100

49 158.0 120.7 181.1

51 50.0 36.2 54.4

86 62.9 49.6 74.4



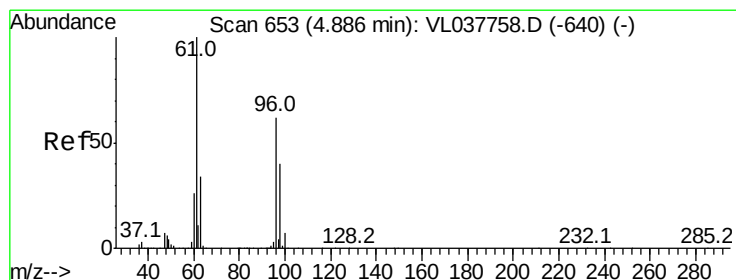
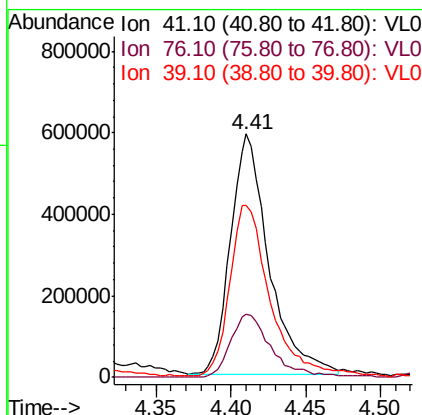
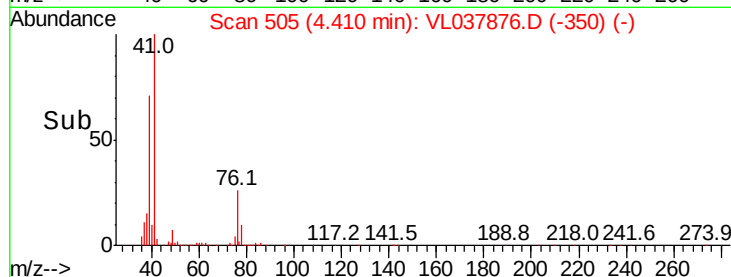
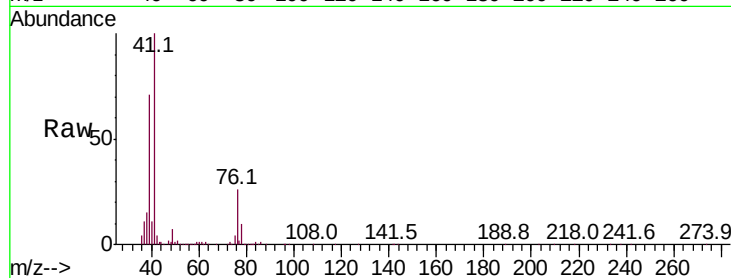


#21
Allvl Chloride
Concen: 10.462 ppbv
RT: 4.41
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01

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

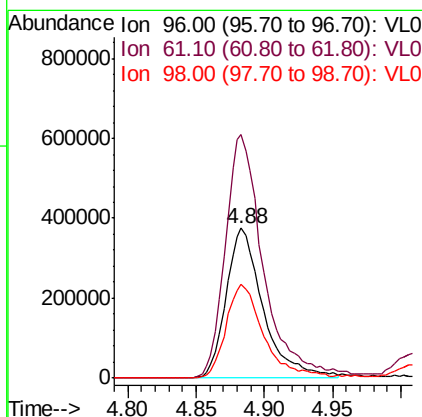
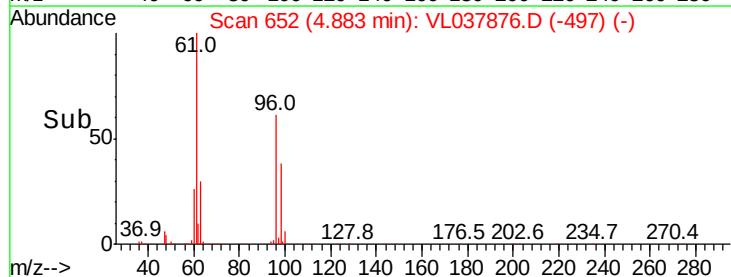
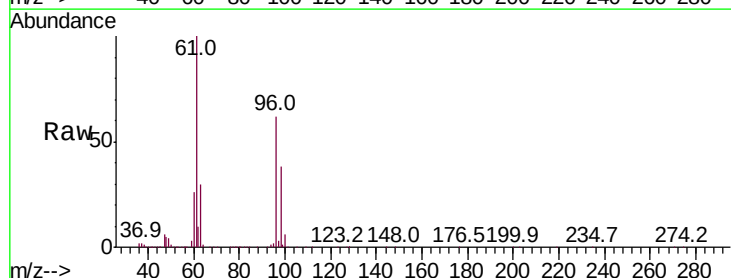
Manual Integrations
APPROVED

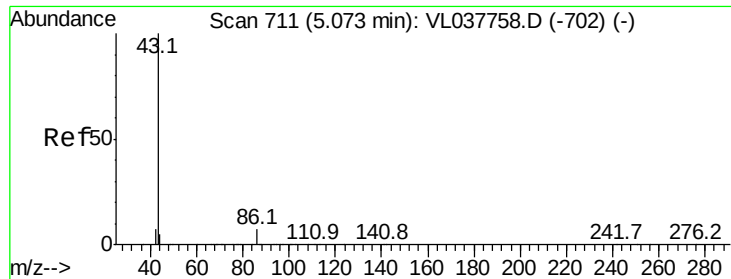
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#22
trans-1,2-Dichloroethene
Concen: 11.438 ppbv
RT: 4.88 min Scan# 652
Delta R.T. -0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 96 Resp: 710823
Ion Ratio Lower Upper
96 100
61 161.8 129.0 193.6
98 62.2 51.7 77.5



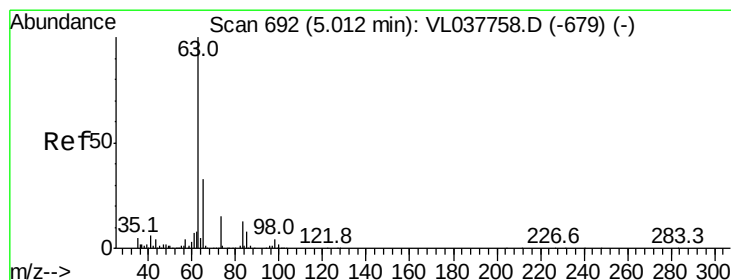
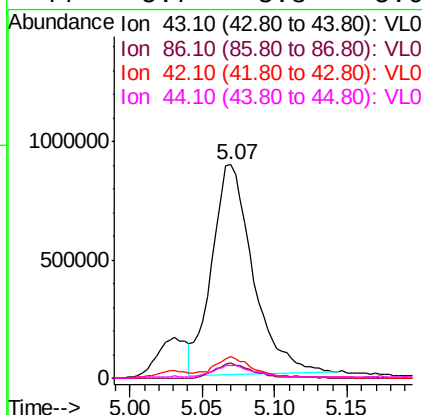
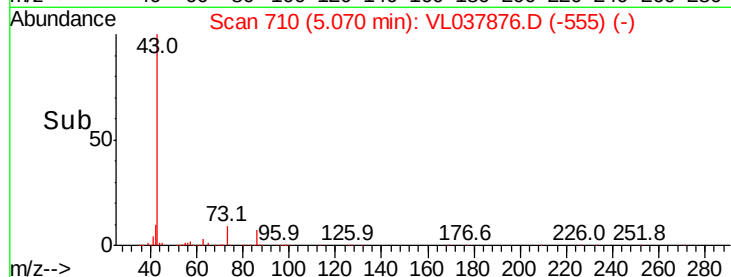
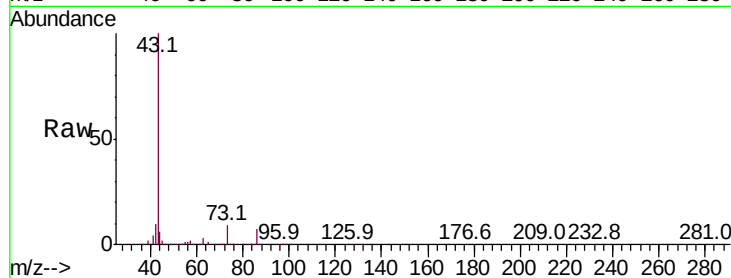


#23
 Vinyl Acetate
 Concen: 10.370 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:
 Ion Ratio
 43 100
 86 7.
 42 10.
 44 5.7 3.8 5.6#

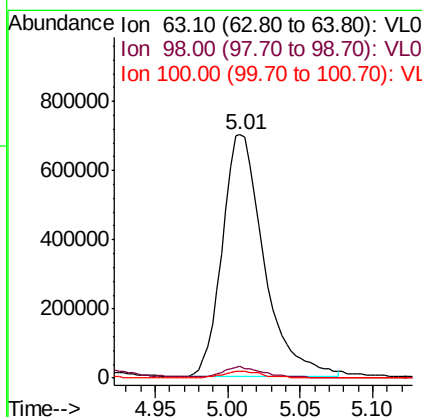
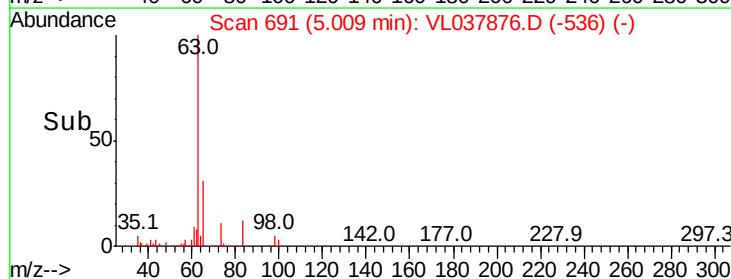
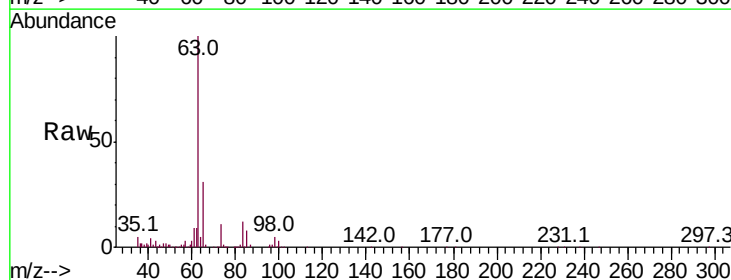
Manual Integrations
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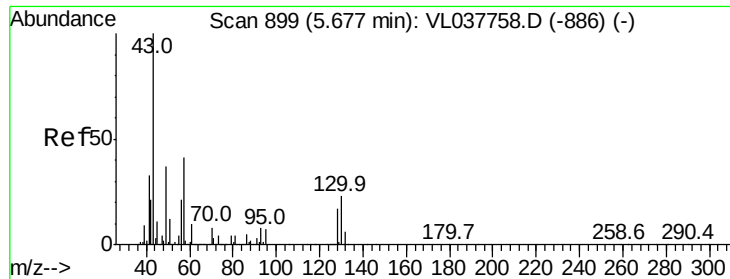
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#24
 1,1-Dichloroethane
 Concen: 11.381 ppbv
 RT: 5.01 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 63 Resp: 1403980
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.3 6.9
 100 2.8 1.1 3.1





#25

Ethyl Acetate

Concen: 11.043 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

43 100

45 10.

61 10.

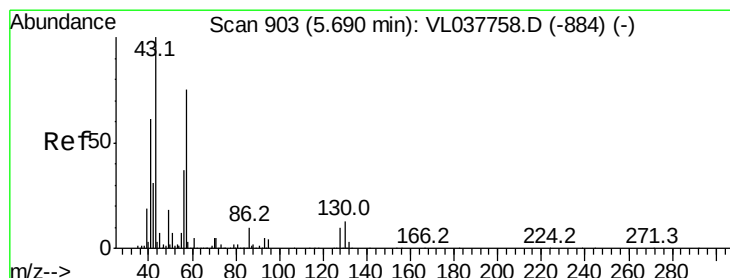
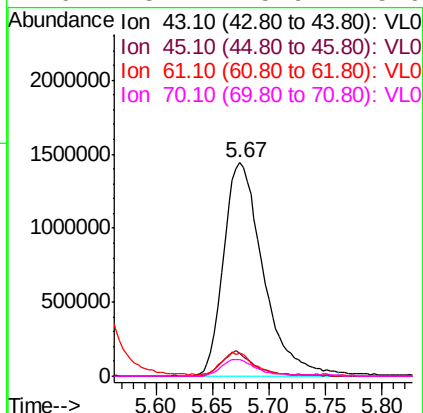
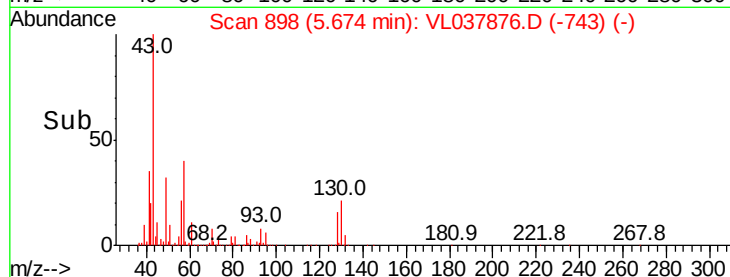
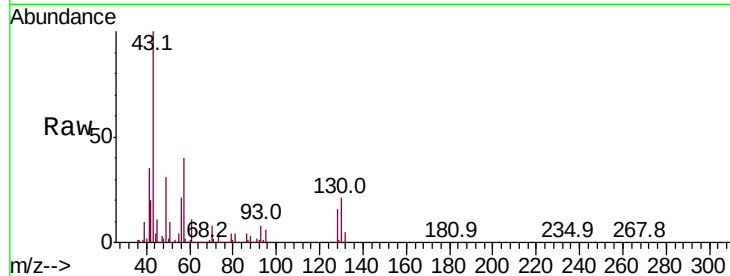
70 8.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#26

Hexane

Concen: 10.579 ppbv

RT: 5.68 min Scan# 901

Delta R.T. -0.01 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

Tgt Ion: 57 Resp: 1653052

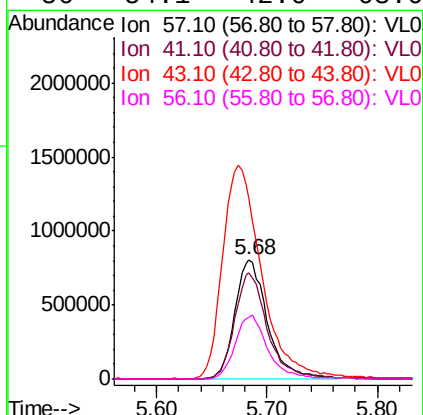
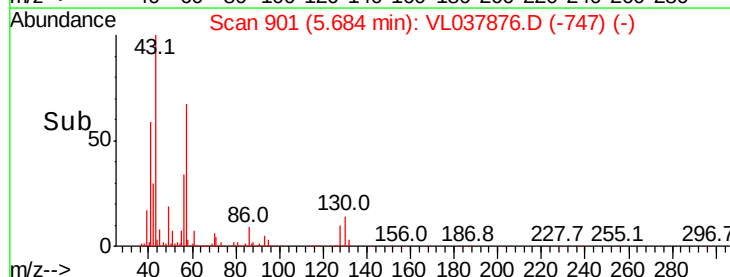
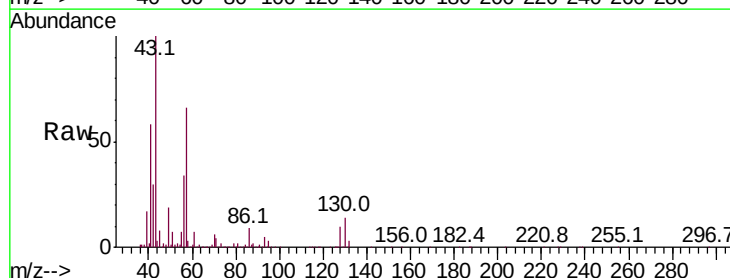
Ion Ratio Lower Upper

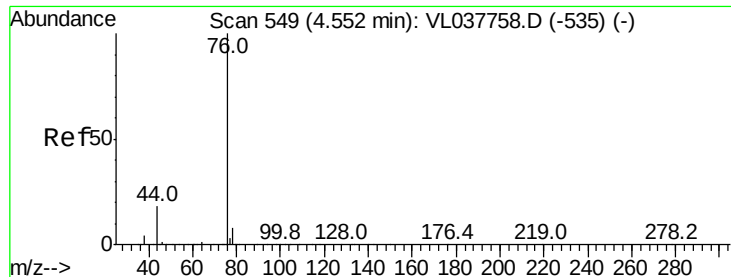
57 100

41 90.8 69.6 104.4

43 215.2 171.4 257.0

56 54.1 42.0 63.0





#27

Carbon Disulfide

Concen: 11.989 ppbv

RT: 4.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

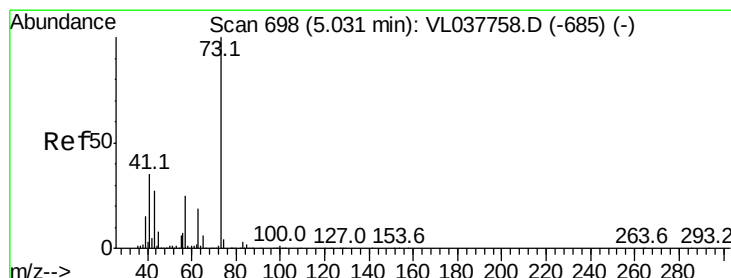
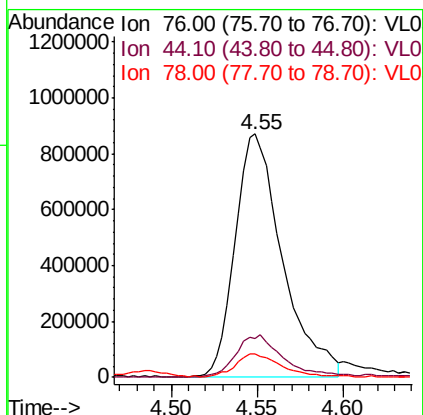
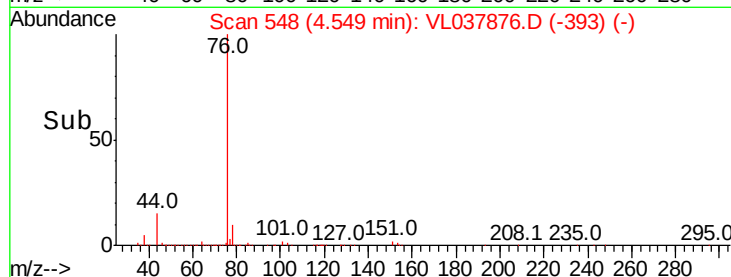
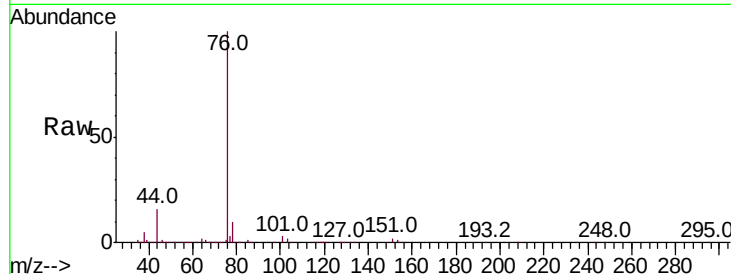
Ion	Ratio
76	100
44	17.
78	10.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#28

Methyl tert-Butyl Ether

Concen: 10.363 ppbv

RT: 5.03 min Scan# 698

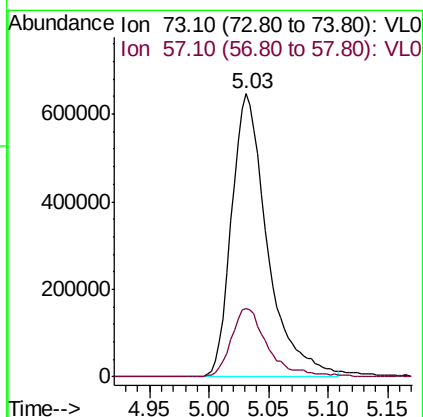
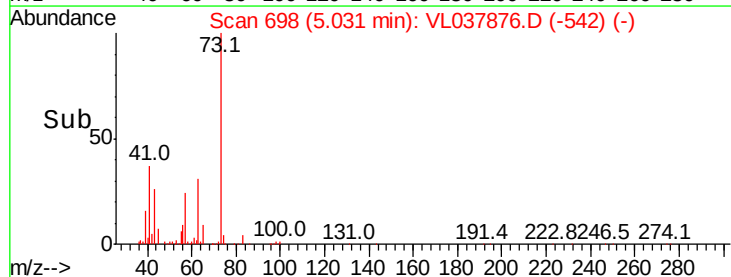
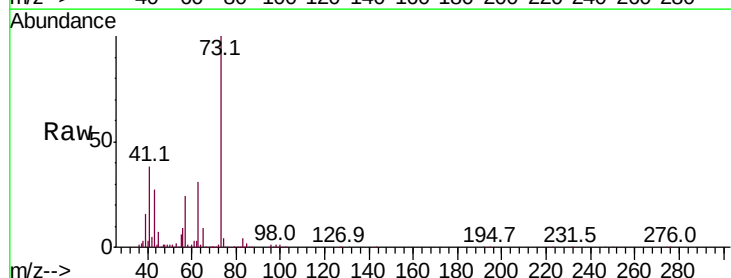
Delta R.T. 0.00 min

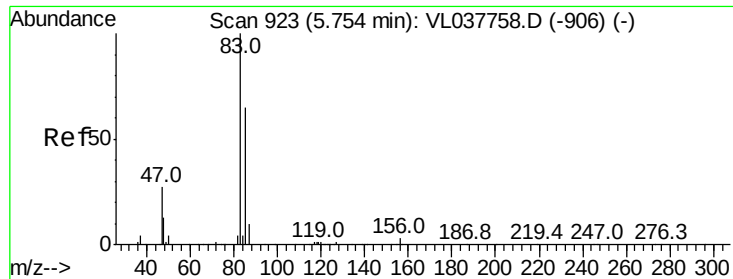
Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

Tgt Ion: 73 Resp: 1348148

Ion	Ratio	Lower	Upper
73	100		
57	25.1	20.4	30.6



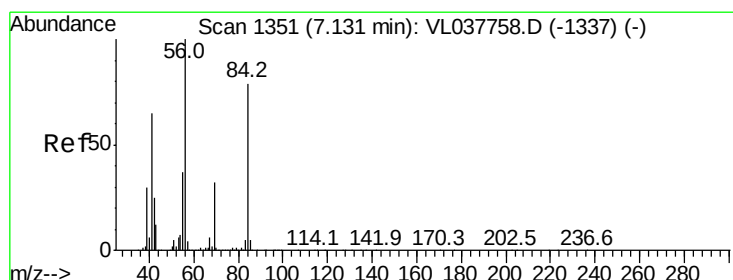
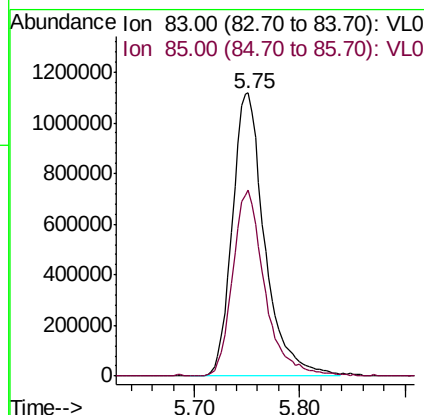
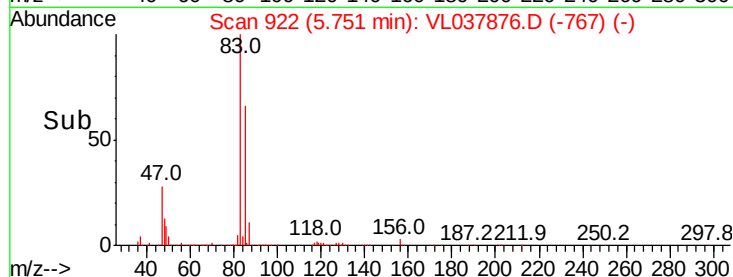
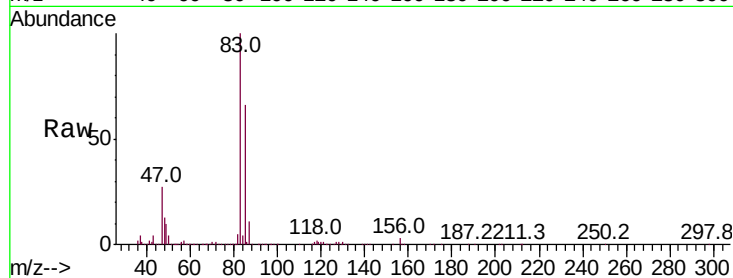


#29
Chloroform
Concen: 10.634 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Oct 2021 12:01

Tot Ion:
Ion Ratio
83 100
85 65.

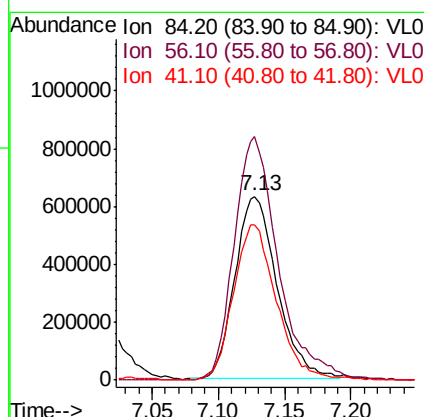
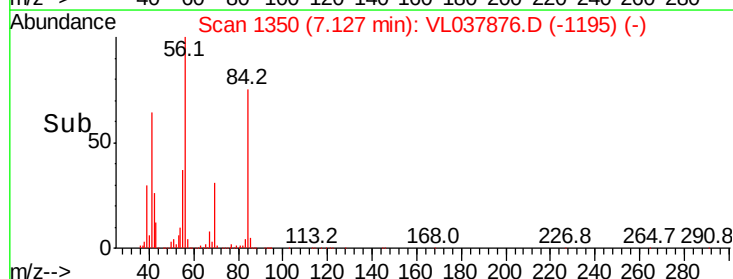
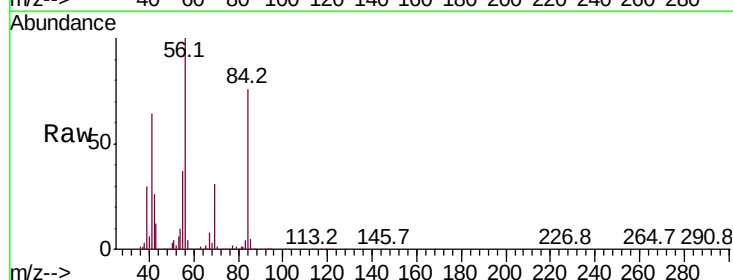
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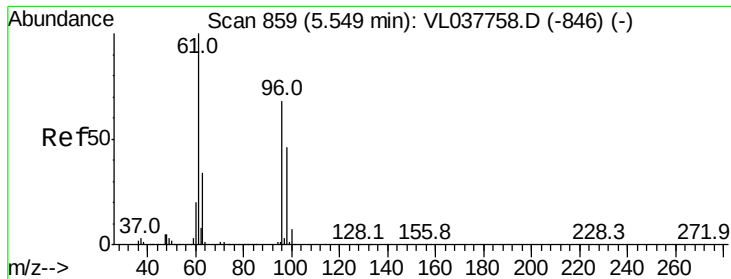
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#30
Cyclohexane
Concen: 10.568 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 84 Resp: 1400308
Ion Ratio Lower Upper
84 100
56 139.9 113.0 169.4
41 86.7 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 10.570 ppbv

RT: 5.55

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

61 100

96 70.

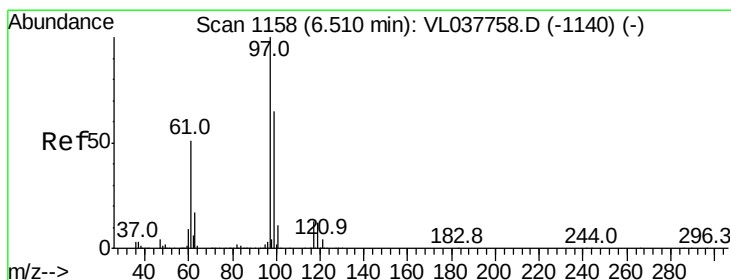
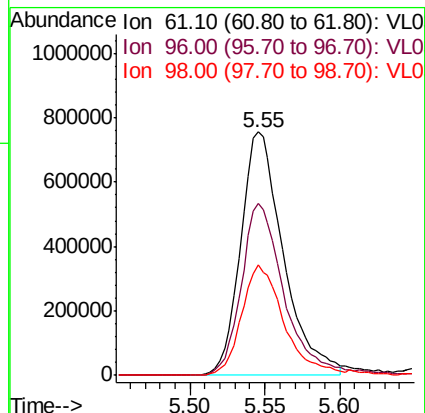
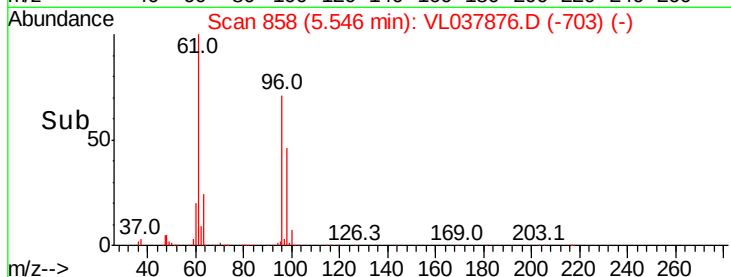
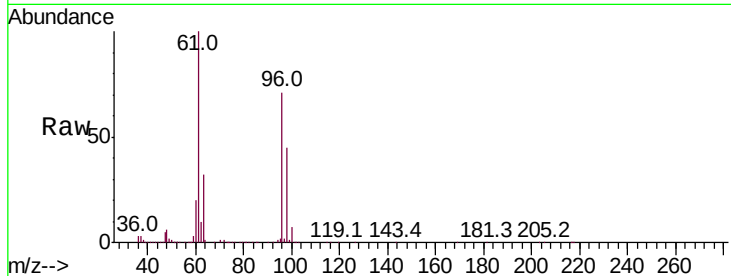
98 45.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#32

1,1,1-Trichloroethane

Concen: 10.616 ppbv

RT: 6.51 min Scan# 1158

Delta R.T. 0.00 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

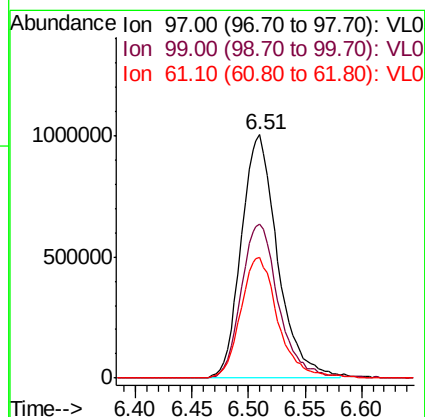
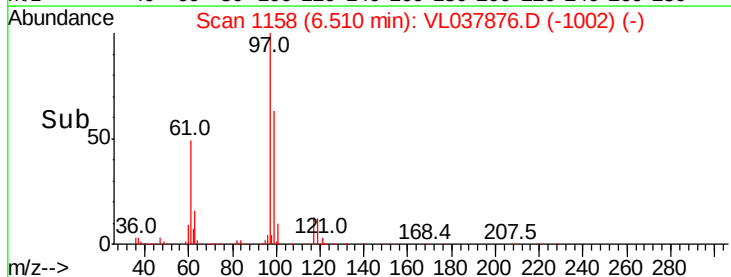
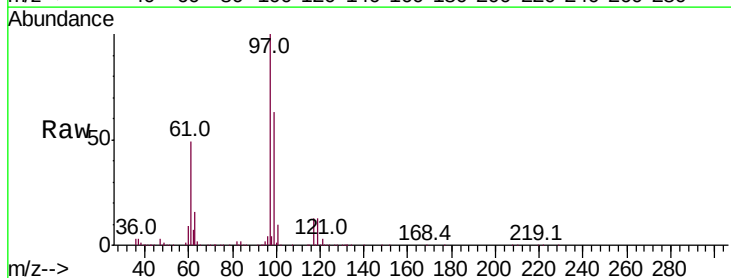
Tgt Ion: 97 Resp: 2248055

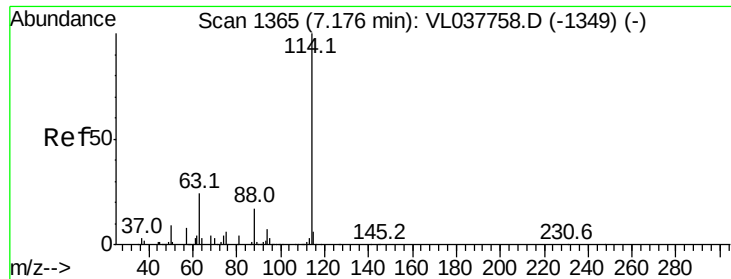
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 51.1 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:1

Ion Rati

114 100

63 24.

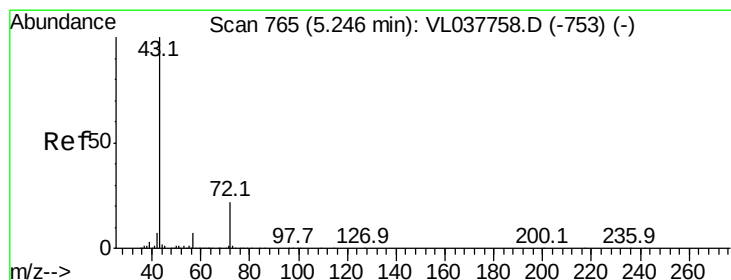
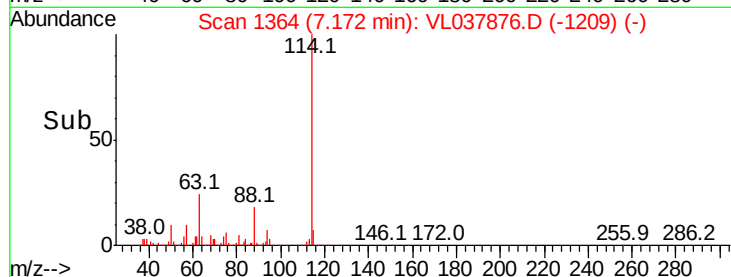
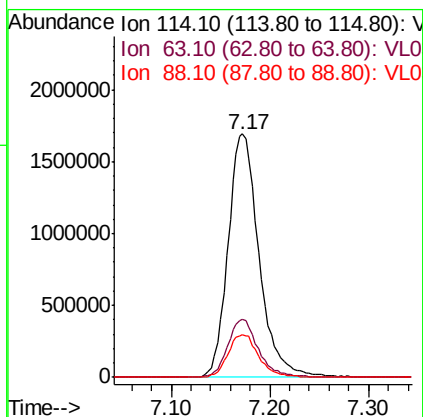
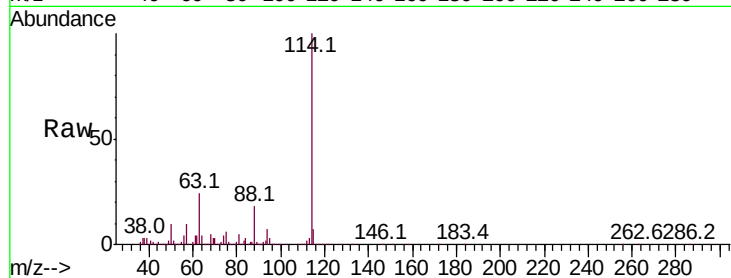
88 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#34

2-Butanone

Concen: 10.277 ppbv

RT: 5.24 min Scan# 763

Delta R.T. -0.01 min

Lab File: VL037876.D

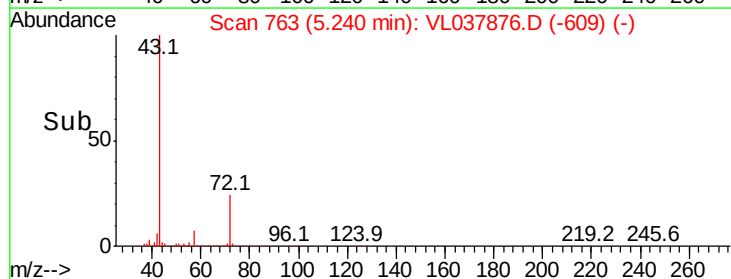
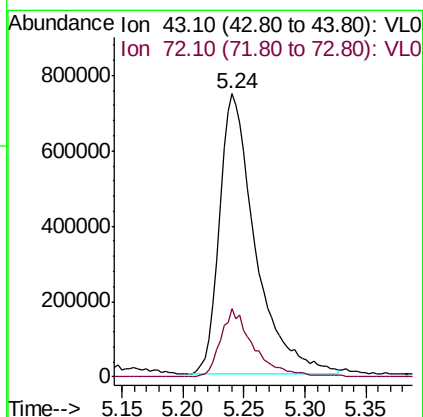
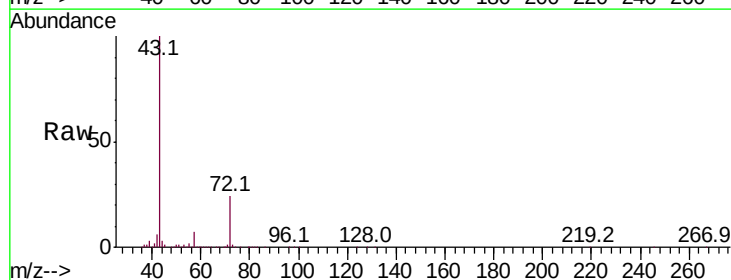
Acq: 19 Oct 2021 12:01

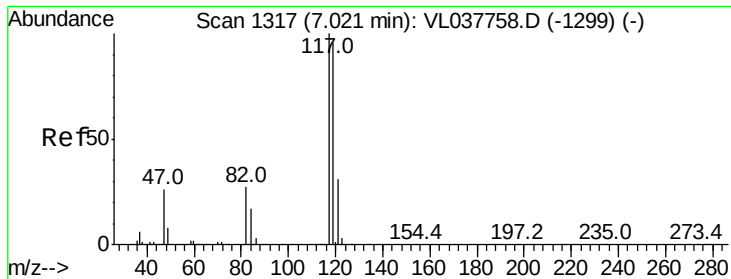
Tgt Ion: 43 Resp: 1539946

Ion Ratio Lower Upper

43 100

72 22.4 18.2 27.2



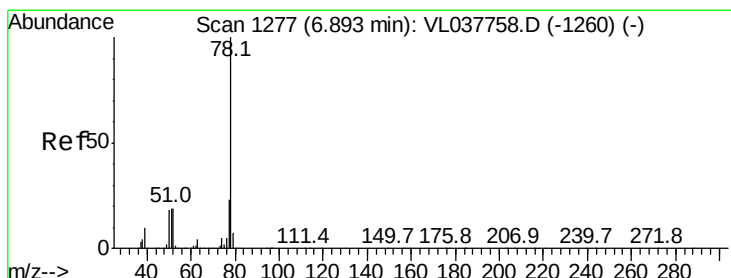
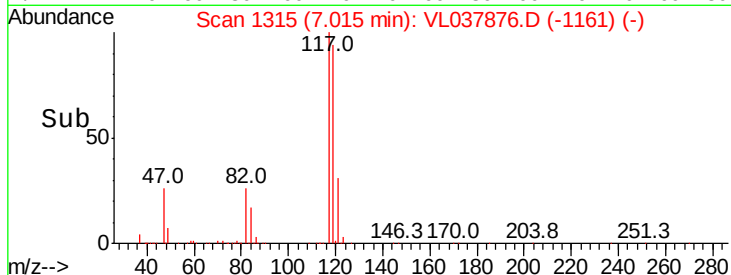
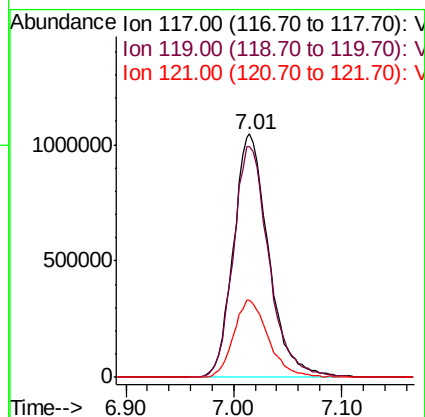
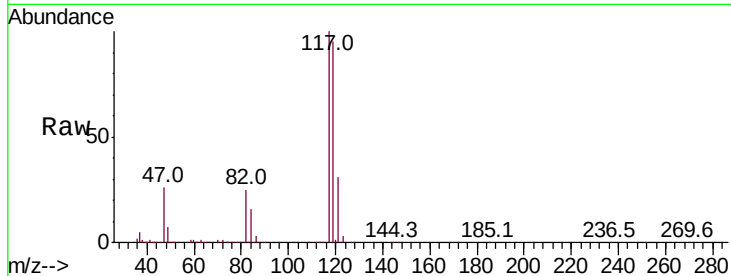


#35
Carbon Tetrachloride
Concen: 11.214 ppbv
RT: 7.01
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 19 Oct 2021 12:01

Tot Ion: 1
Ion Ratio
117 100
119 94.
121 31.

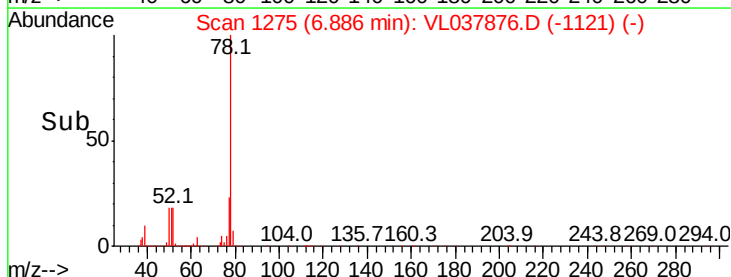
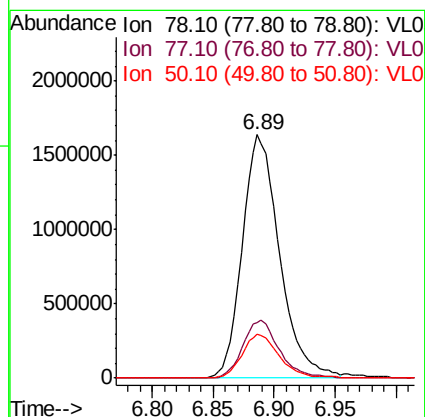
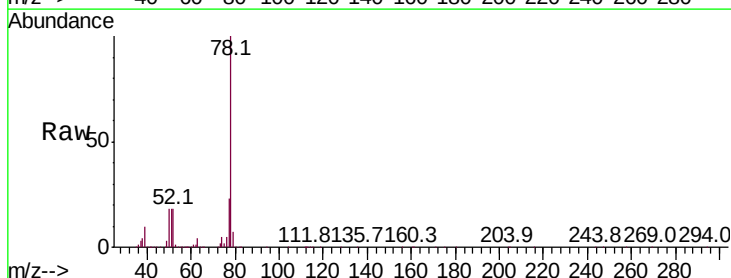
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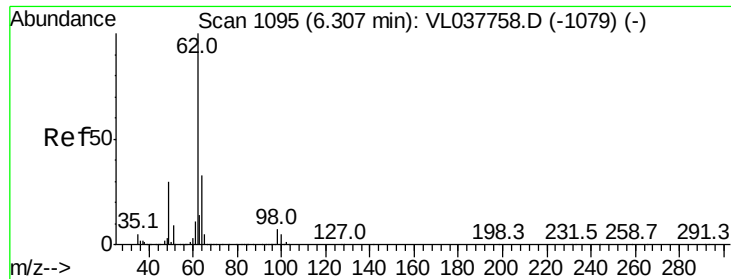
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#36
Benzene
Concen: 10.900 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 78 Resp: 3455562
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2
50 17.8 14.7 22.1



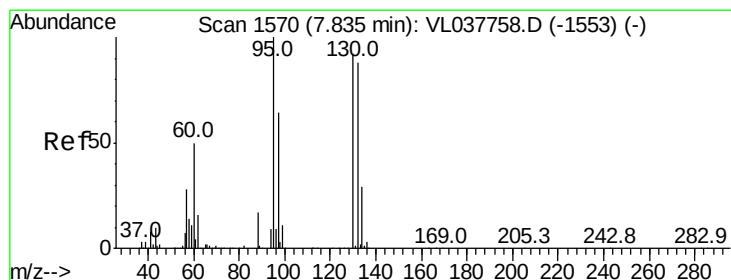
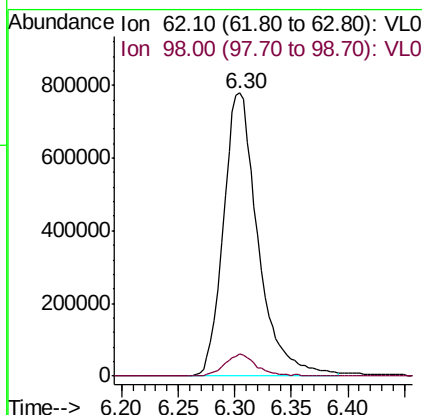
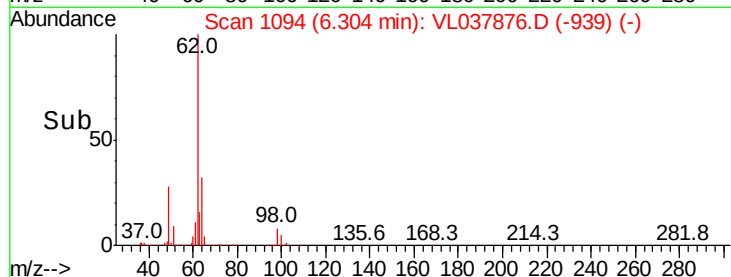
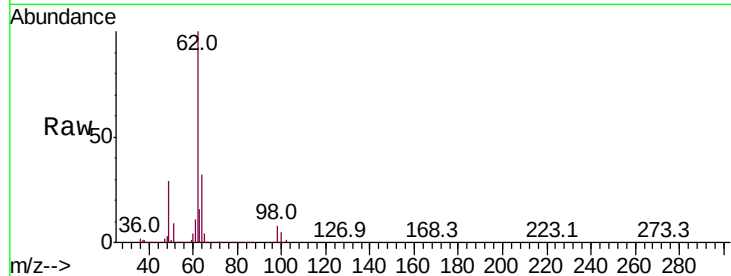


#37
 1,2-Dichloroethane
 Concen: 11.097 ppbv
 RT: 6.30
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 12:01

Tot Ion:
 Ion Ratio
 62 100
 98 7.

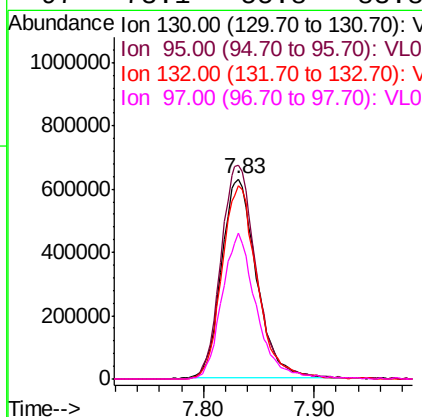
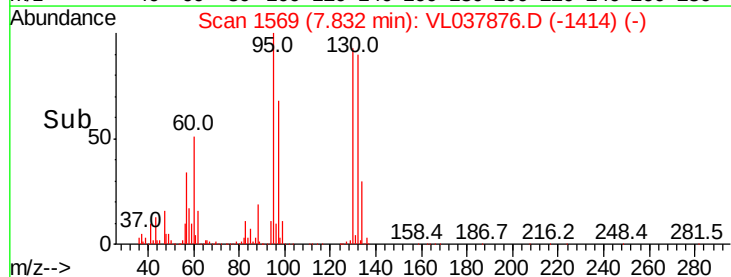
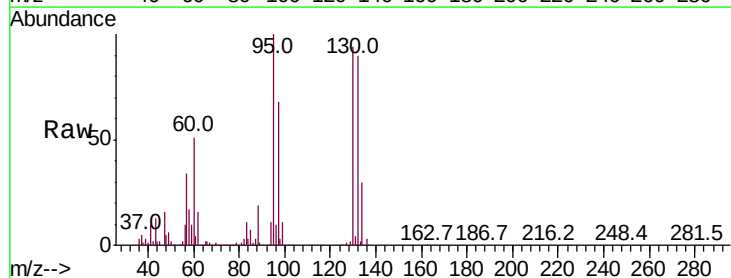
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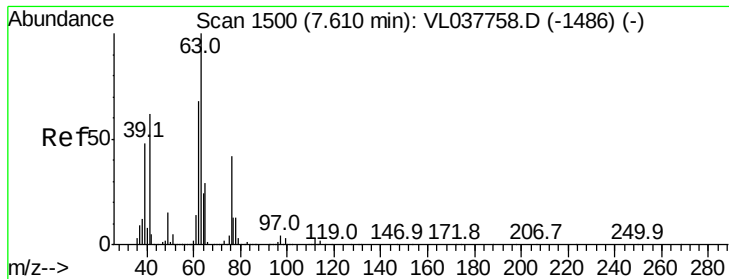
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#38
 Trichloroethene
 Concen: 11.026 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion:130 Resp: 1381046
 Ion Ratio Lower Upper
 130 100
 95 107.0 87.4 131.0
 132 96.9 76.8 115.2
 97 73.1 55.8 83.8



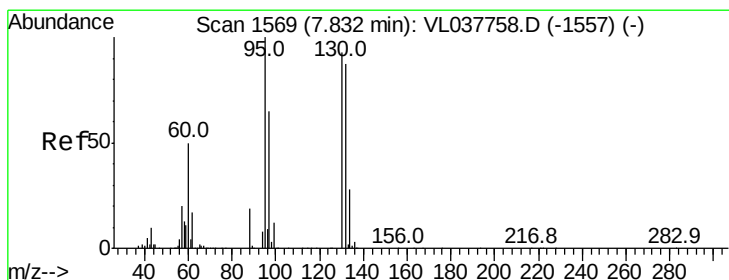
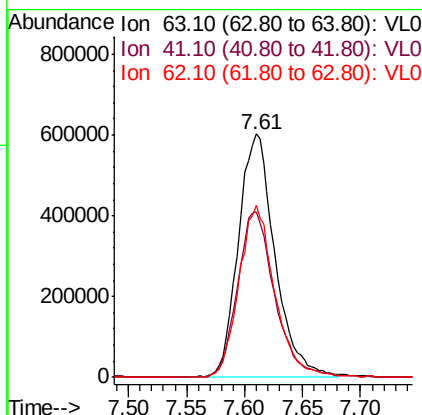
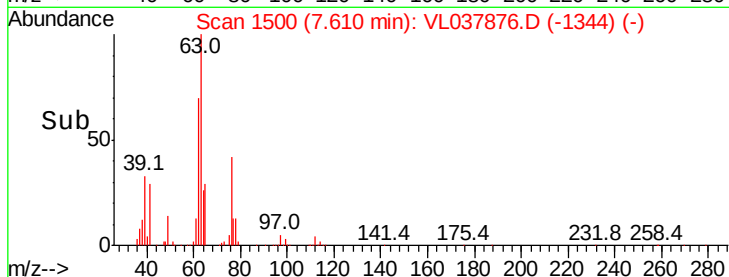
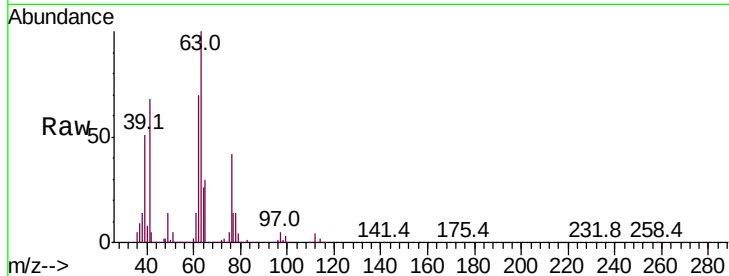


#39
 1,2-Dichloropropane
 Concen: 11.076 ppbv
 RT: 7.61
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:
 Ion Ratio
 63 100
 41 67.
 62 70.

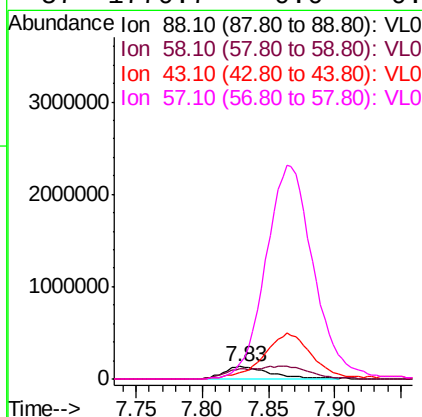
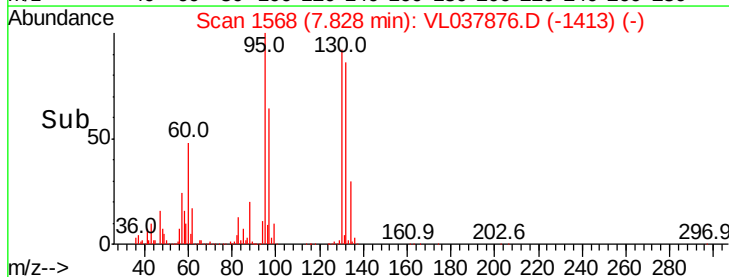
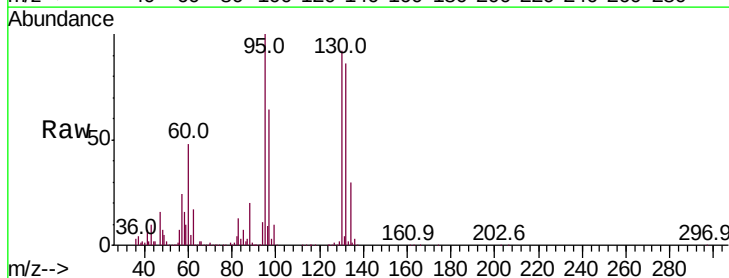
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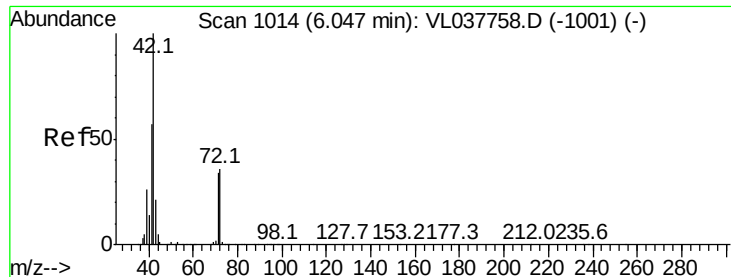
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#40
 1,4-Dioxane
 Concen: 11.132 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 88 Resp: 332193
 Ion Ratio Lower Upper
 88 100
 58 162.1 0.0 0.0#
 43 399.8 0.0 0.0#
 57 1770.7 0.0 0.0#



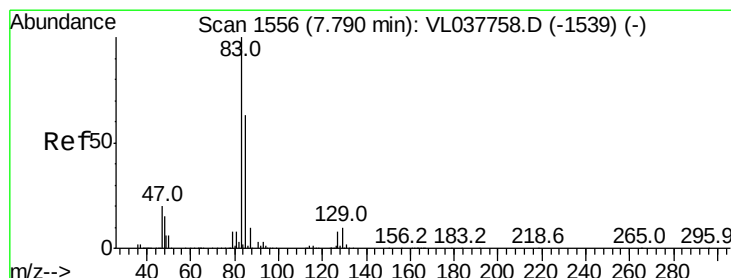
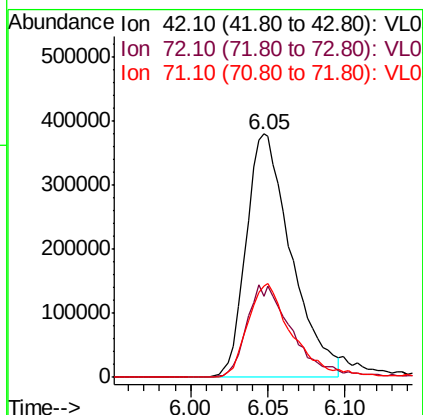
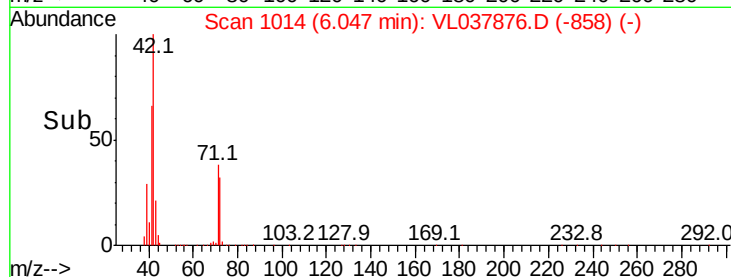
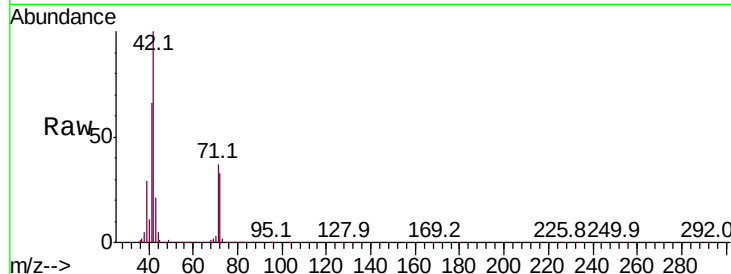


#41
Tetrahydrofuran
Concen: 10.543 ppbv
RT: 6.05
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01

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

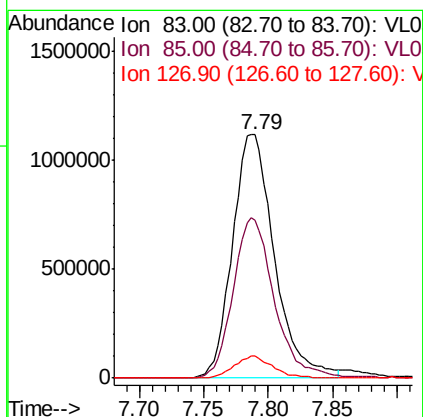
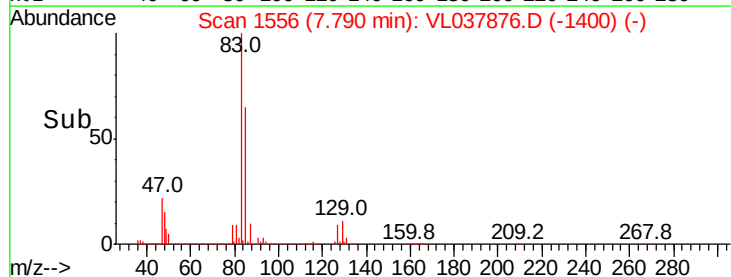
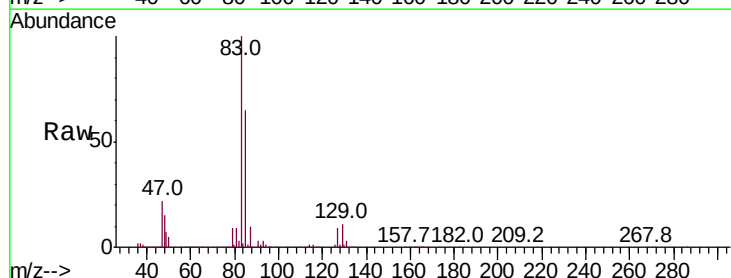
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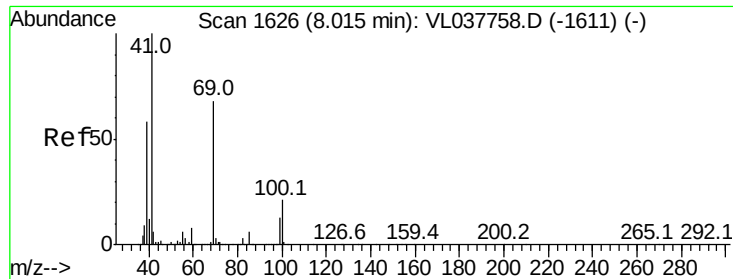
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#42
Bromodichloromethane
Concen: 11.486 ppbv
RT: 7.79 min Scan# 1556
Delta R.T.: 0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 83 Resp: 2518509
Ion Ratio Lower Upper
83 100
85 64.9 50.6 75.8
127 9.0 6.2 9.4





#43

Methyl Methacrylate

Concen: 11.979 ppbv

RT: 8.01

Instrument: MSVOA_1

Delta R.T.

Client Sample Id:

Lab File: VSTDCCC010EC

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

69 100

41 149.

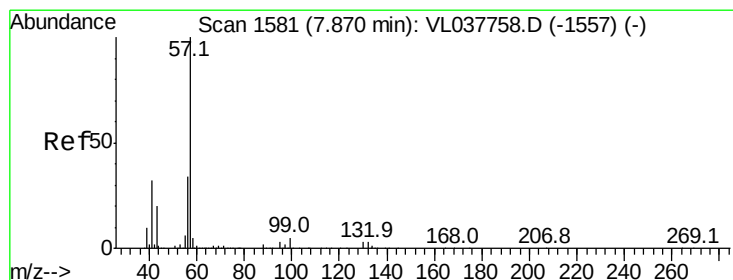
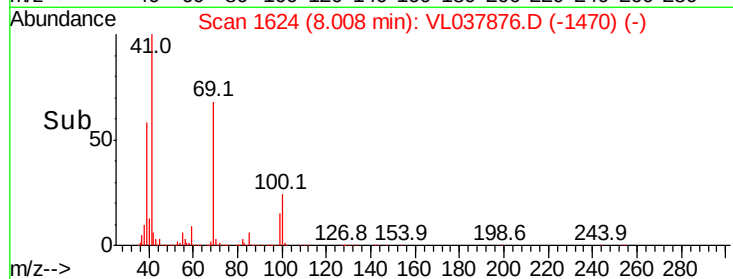
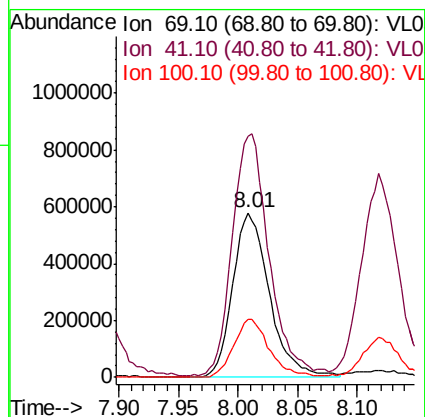
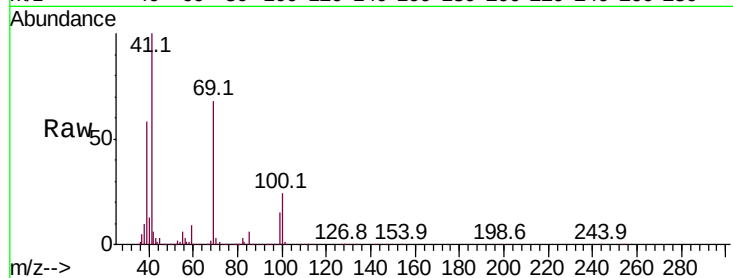
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#44

2,2,4-Trimethylpentane

Concen: 11.011 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

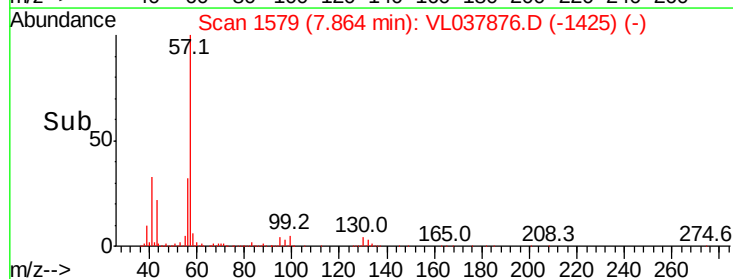
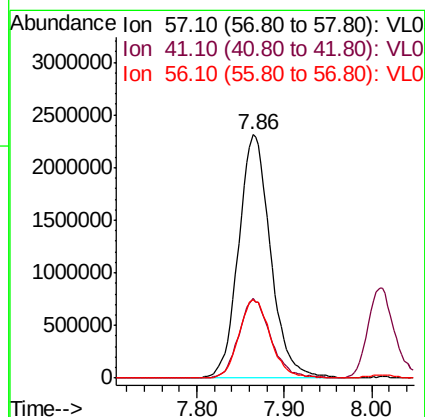
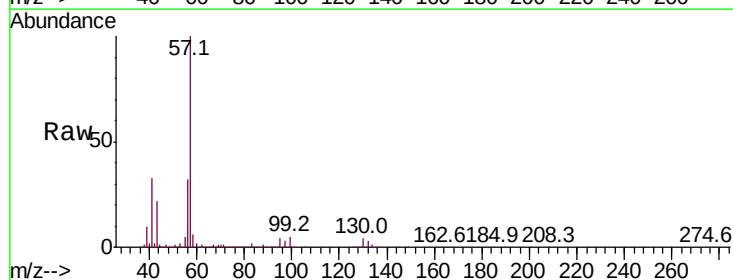
Tgt Ion: 57 Resp: 5865116

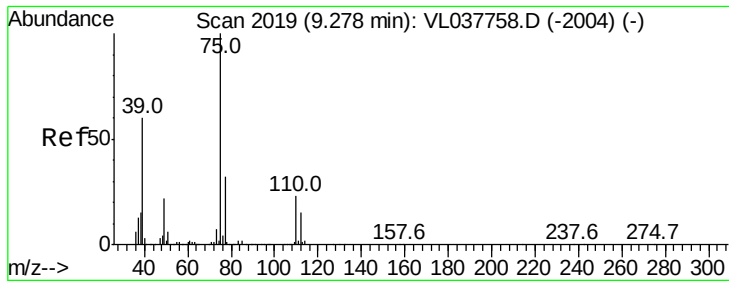
Ion Ratio Lower Upper

57 100

41 32.6 25.6 38.4

56 31.9 25.5 38.3



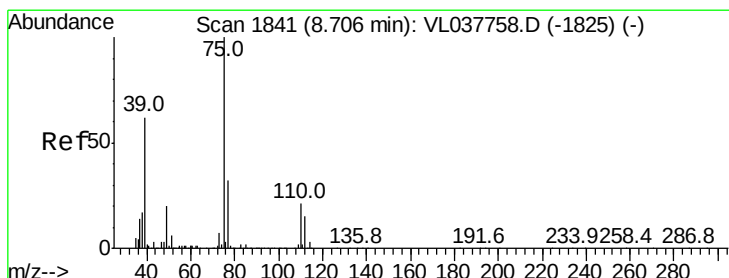
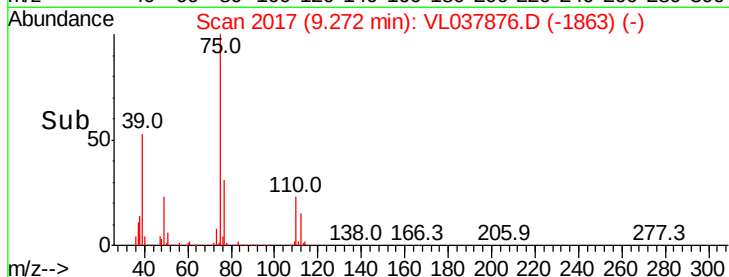
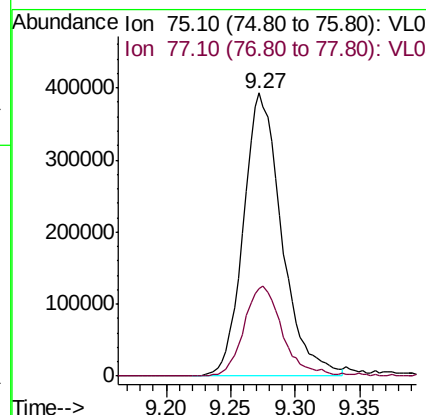
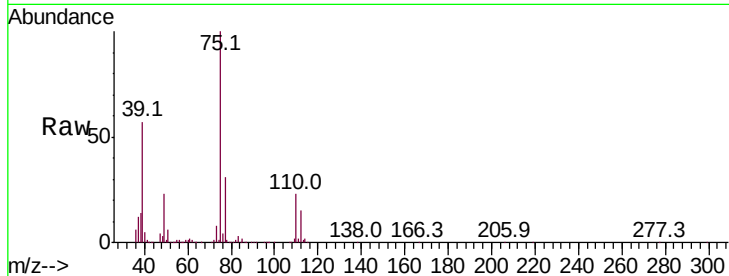


#45
 t-1,3-Dichloropropene
 Concen: 11.407 ppbv
 RT: 9.27
 Instrument : MSVOA_L
 Delta R.T.:
 ClientSampleId :
 Lab File: VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:
 Ion Ratio
 75 100
 77 31.

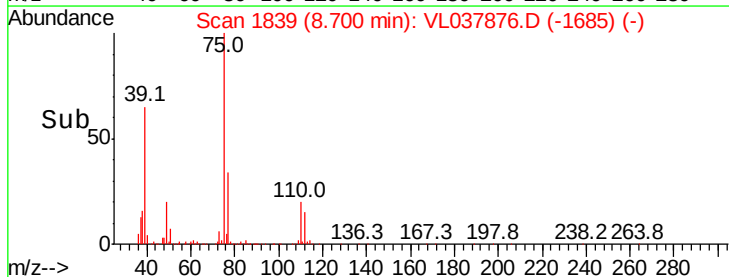
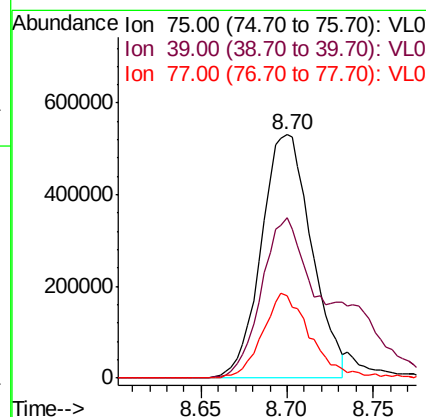
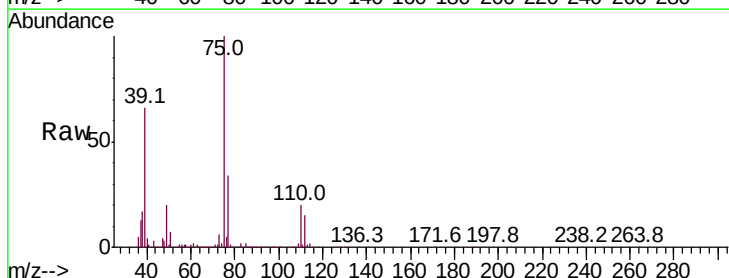
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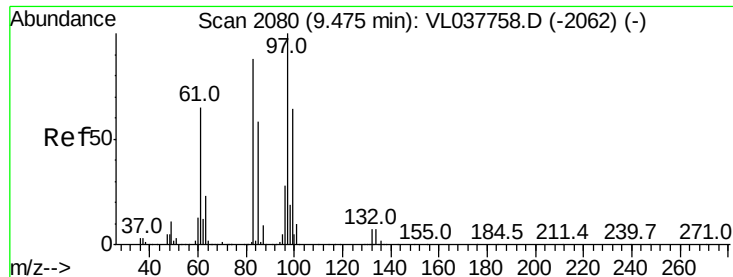
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#46
 cis-1,3-Dichloropropene
 Concen: 10.909 ppbv
 RT: 8.70 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 75 Resp: 1077311
 Ion Ratio Lower Upper
 75 100
 39 65.7 49.9 74.9
 77 33.7 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 11.001 ppbv

RT: 9.47

Instrument: MSVOA_L

Delta R.T.:

Client Sample Id: VSTDCCC010EC

Lab File:

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

97 100

83 92.

85 55.

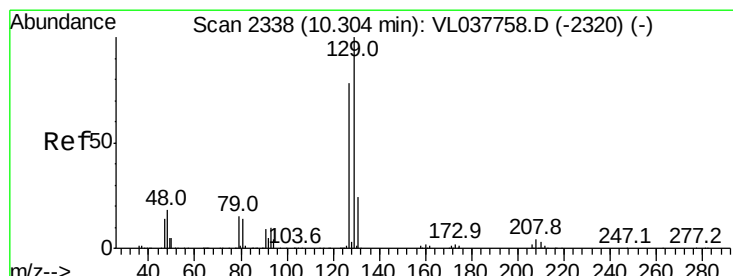
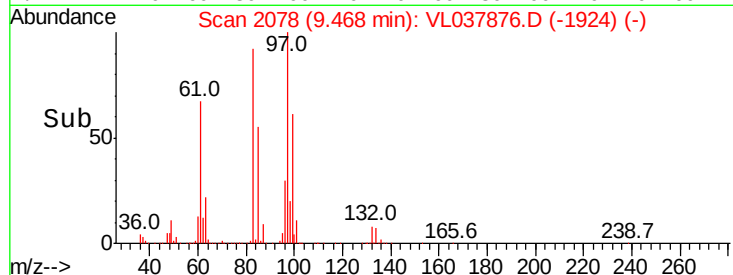
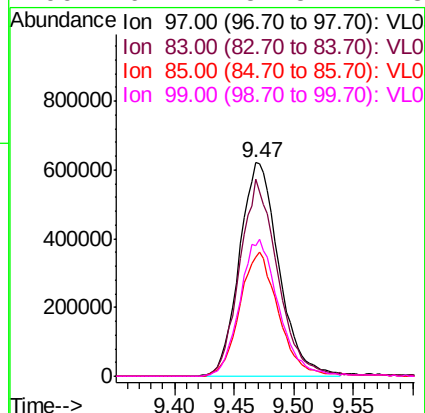
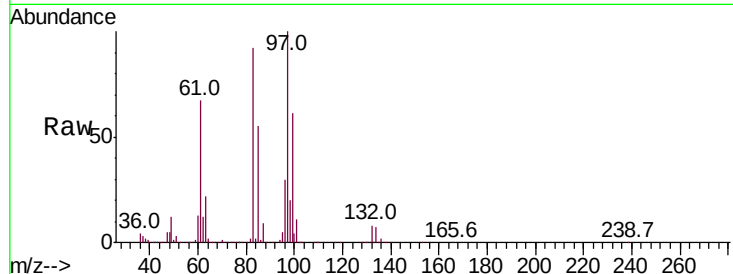
99 61.4 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#48

Dibromochloromethane

Concen: 12.174 ppbv

RT: 10.30 min Scan# 2336

Delta R.T. -0.01 min

Lab File: VL037876.D

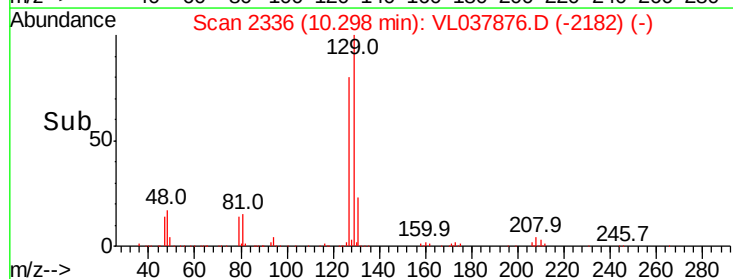
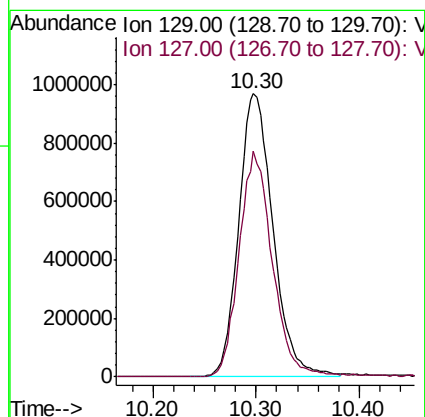
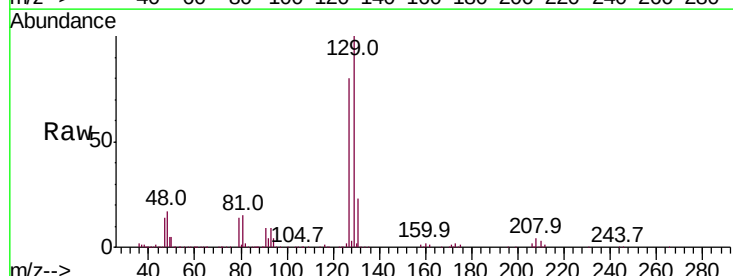
Acq: 19 Oct 2021 12:01

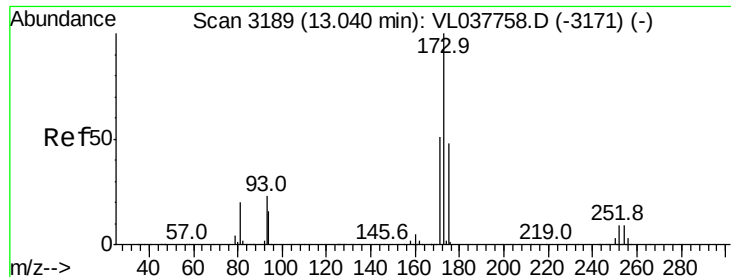
Tgt Ion:129 Resp: 2249840

Ion Ratio Lower Upper

129 100

127 78.3 39.5 118.5





#49

Bromoform

Concen: 12.981 ppbv

RT: 13.03

Delta R.T.

Lab File:

Acq: 19 Oct 2021 12:01

Instrument:

MSVOA_L

ClientSampleId:

VSTDCCC010EC

Tot Ion:1

Ion Ratio

173 100

175 52.

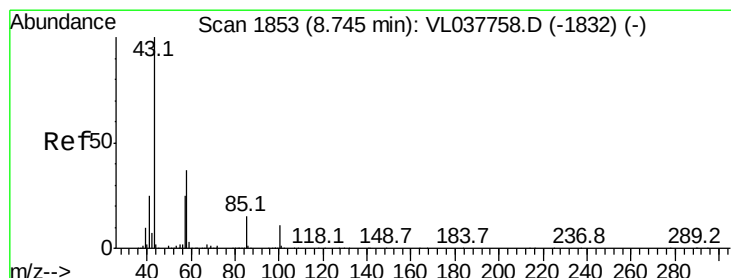
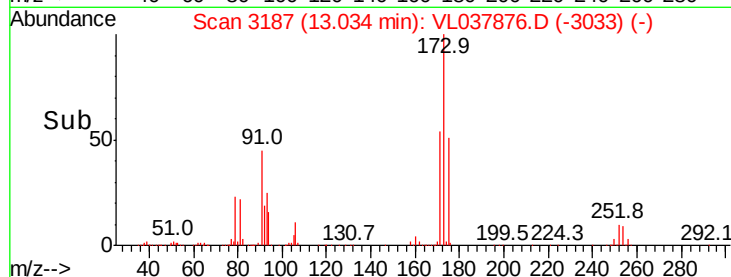
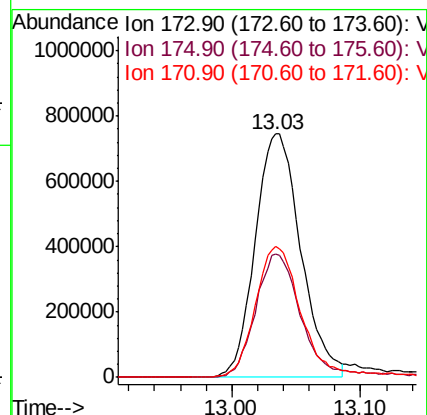
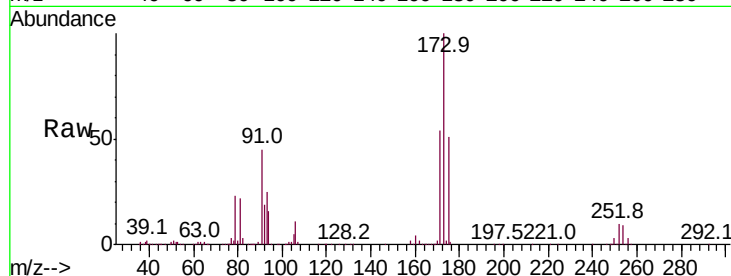
171 55.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#50

4-Methyl-2-Pentanone

Concen: 11.721 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VL037876.D

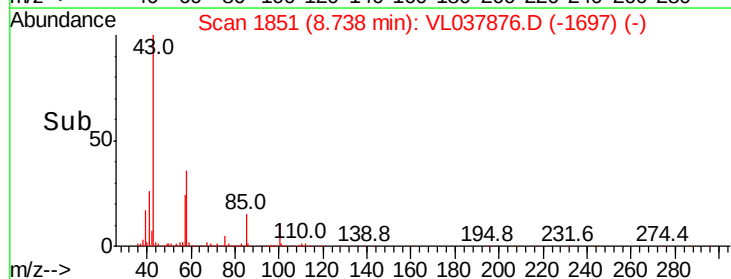
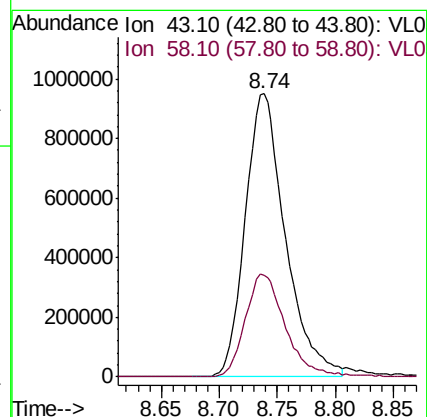
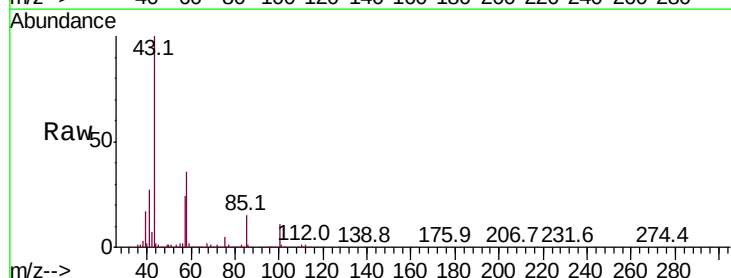
Acq: 19 Oct 2021 12:01

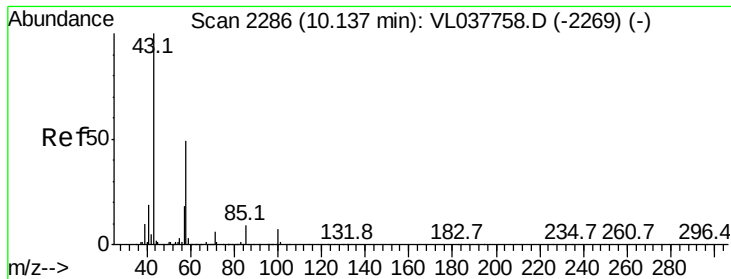
Tgt Ion: 43 Resp: 2286380

Ion Ratio Lower Upper

43 100

58 36.7 29.4 44.0





#51

2-Hexanone

Concen: 12.246 ppbv

RT: 10.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

43 100

58 48.

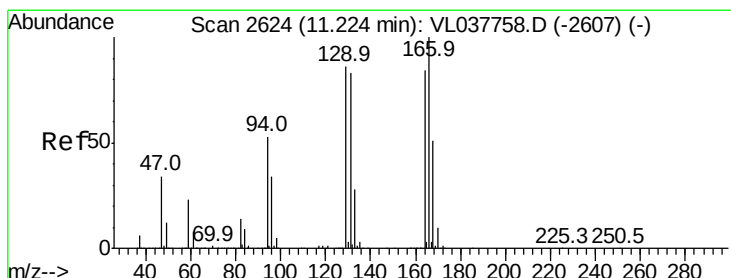
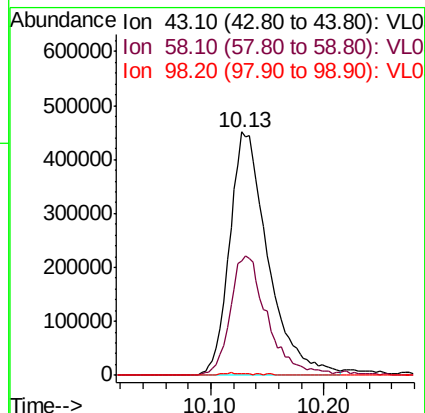
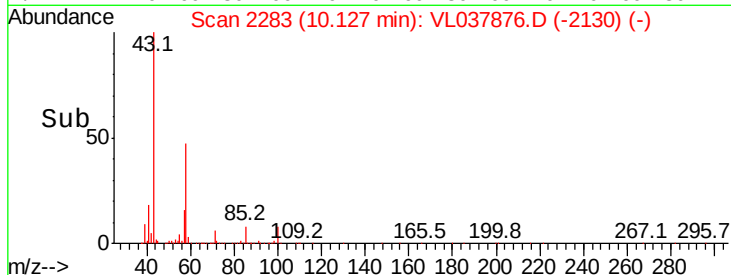
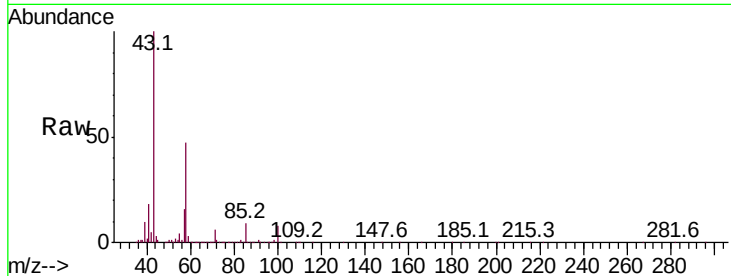
98 1.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#52

Tetrachloroethene

Concen: 10.305 ppbv

RT: 11.22 min Scan# 2623

Delta R.T. -0.00 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

Tgt Ion:164 Resp: 1271067

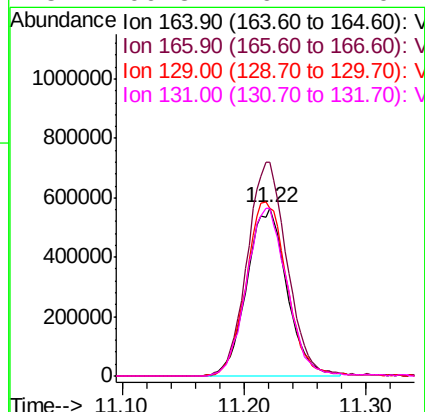
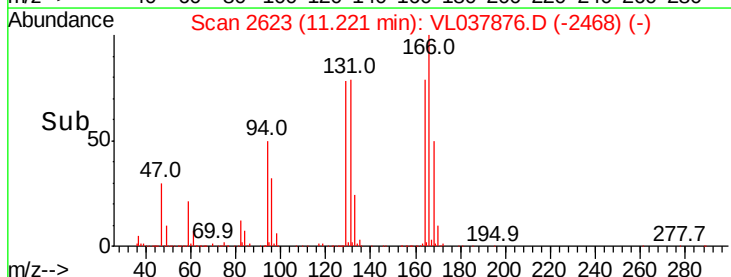
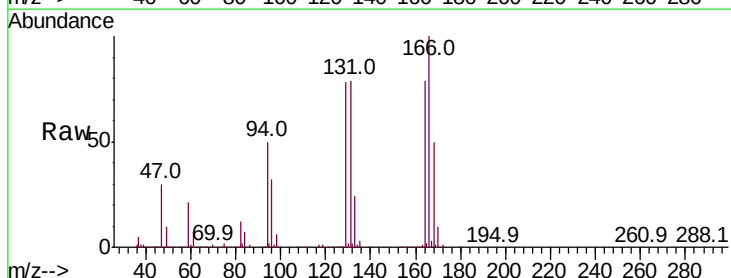
Ion Ratio Lower Upper

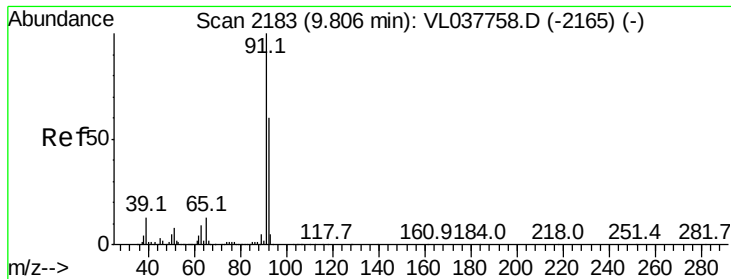
164 100

166 127.4 95.4 143.2

129 99.6 82.2 123.4

131 100.3 79.4 119.2





#53

Toluene

Concen: 11.532 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

91 100

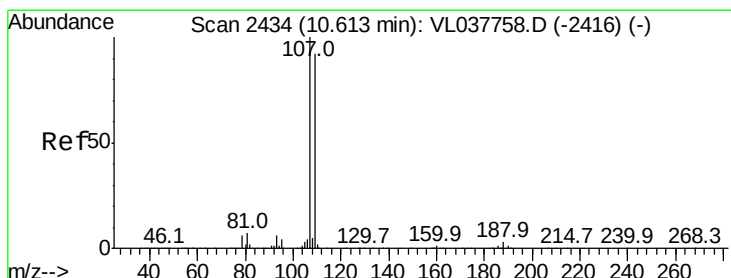
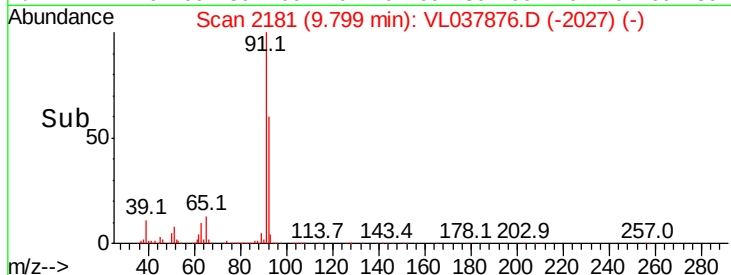
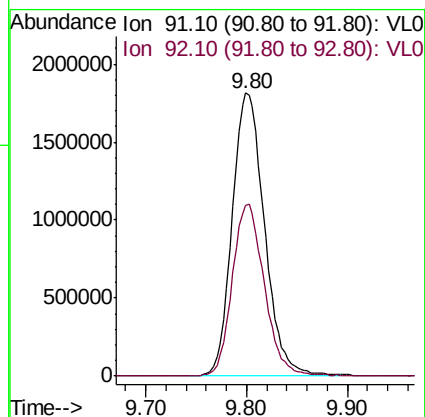
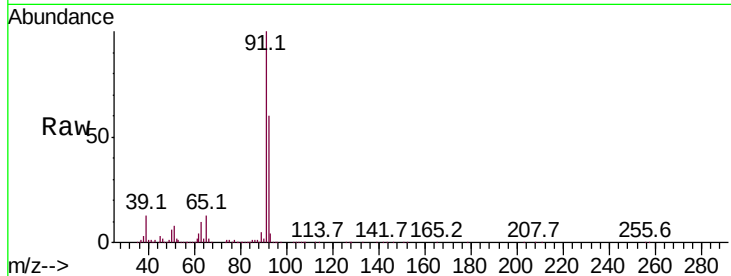
92 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#54

1,2-Dibromoethane

Concen: 11.238 ppbv

RT: 10.61 min Scan# 2432

Delta R.T. -0.01 min

Lab File: VL037876.D

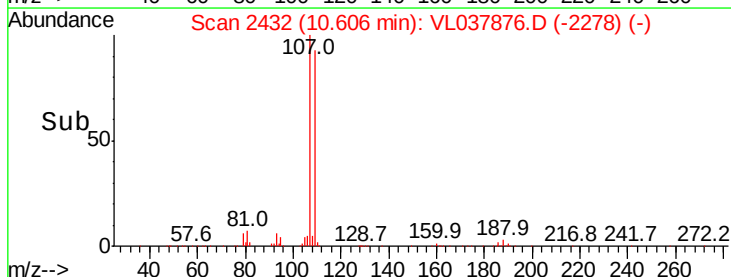
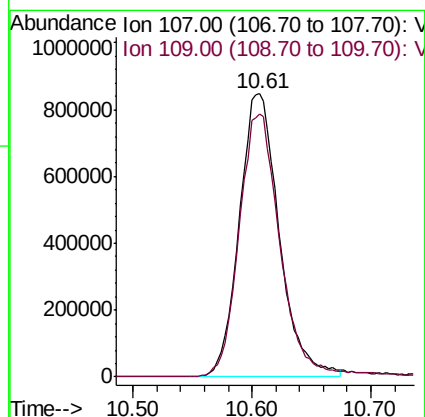
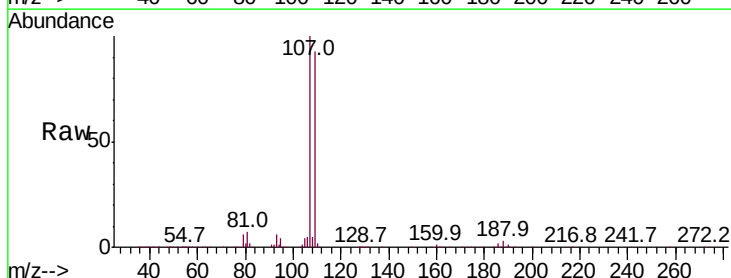
Acq: 19 Oct 2021 12:01

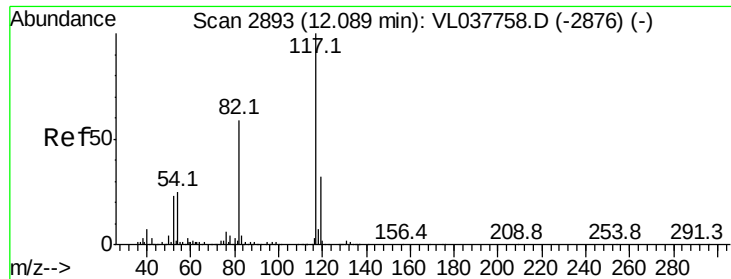
Tgt Ion:107 Resp: 1967883

Ion Ratio Lower Upper

107 100

109 92.7 73.8 110.6



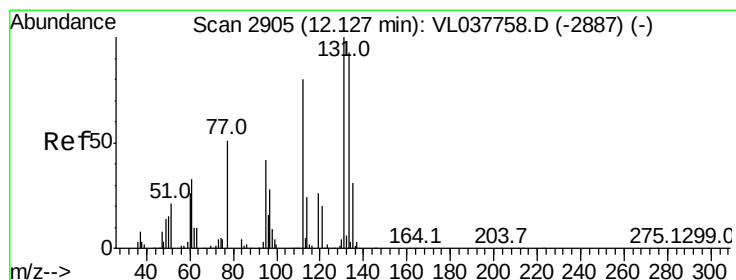
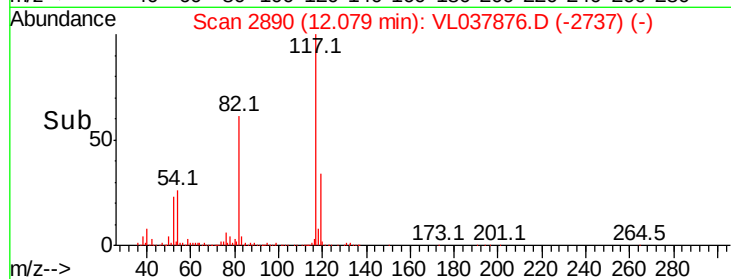
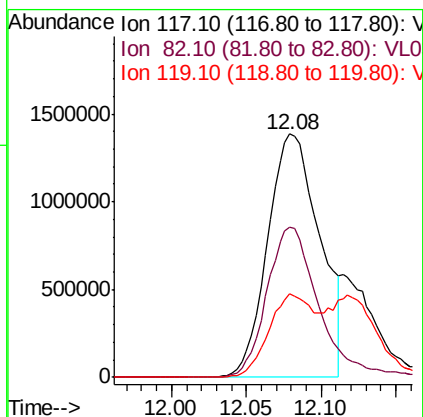
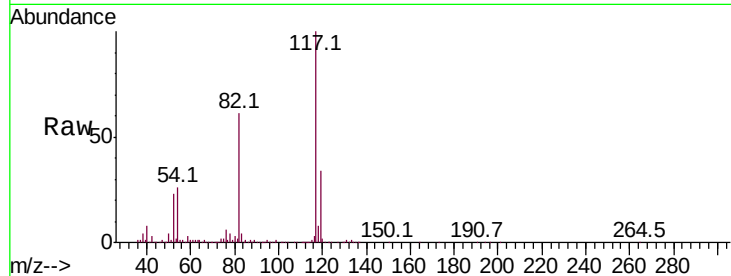


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010EC
Acq: 19 Oct 2021 12:01

Tot Ion:1
Ion Rati
117 100
82 62.
119 27.

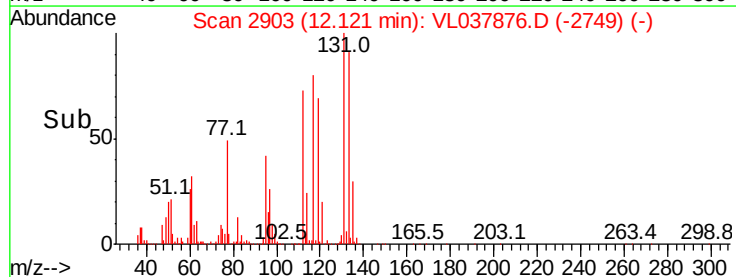
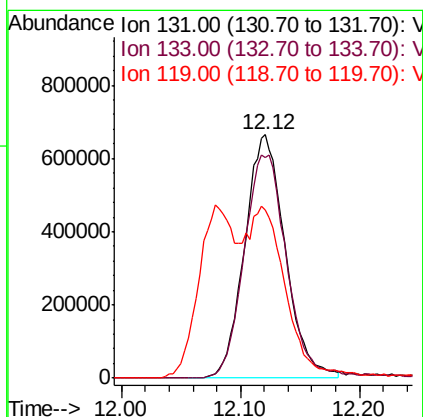
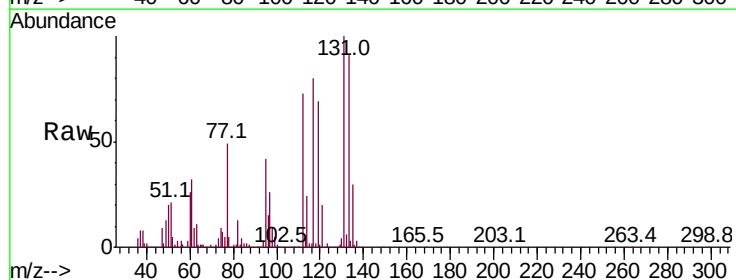
Manual Integrations
APPROVED

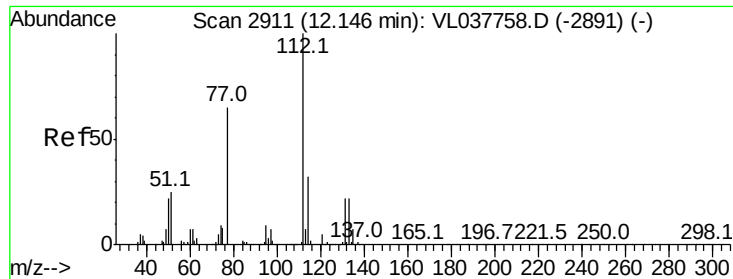
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 11.308 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.01 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion:131 Resp: 1566490
Ion Ratio Lower Upper
131 100
133 97.8 78.5 117.7
119 66.0 51.7 77.5



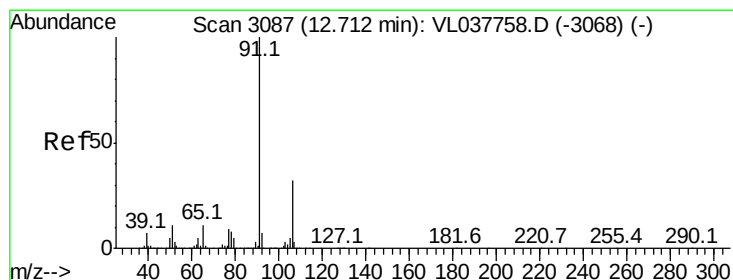
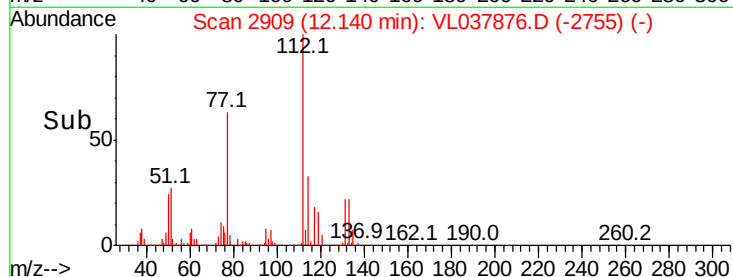
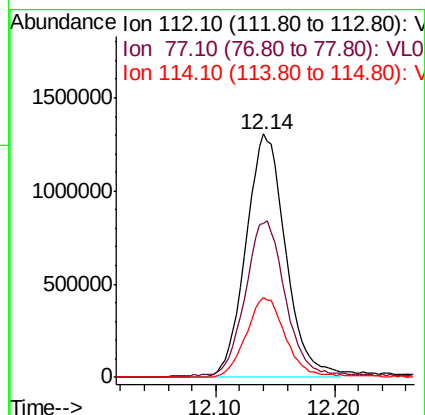
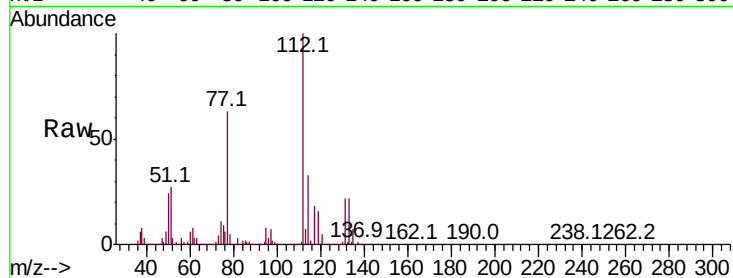


#57
Chlorobenzene
Concen: 11.005 ppbv
RT: 12.14 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01
VSTDCCC010EC

Tot Ion: 1
Ion Ratio
112 100
77 62.
114 32.

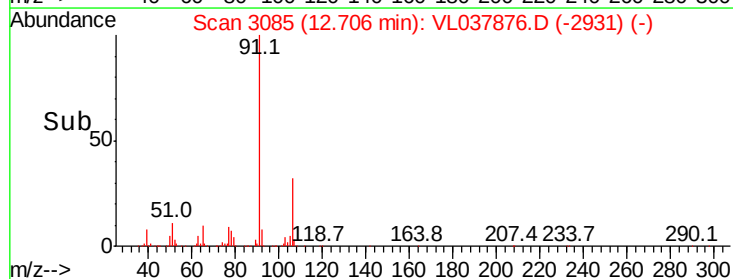
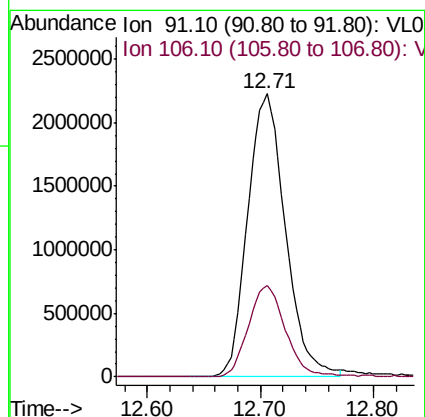
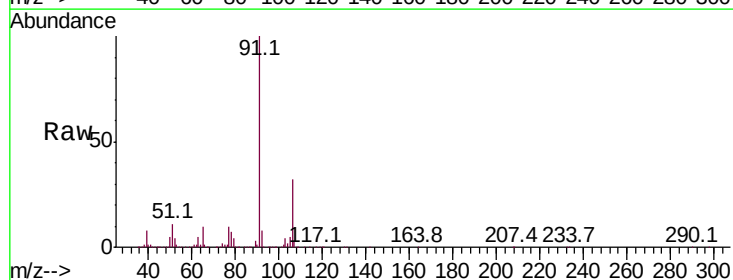
Manual Integrations
APPROVED

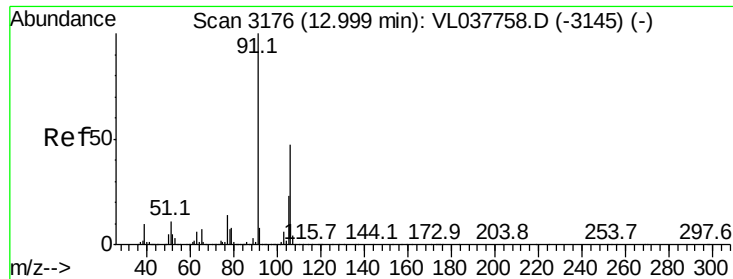
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#58
Ethyl Benzene
Concen: 11.522 ppbv
RT: 12.71 min Scan# 3085
Delta R.T. -0.01 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 91 Resp: 5177452
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9



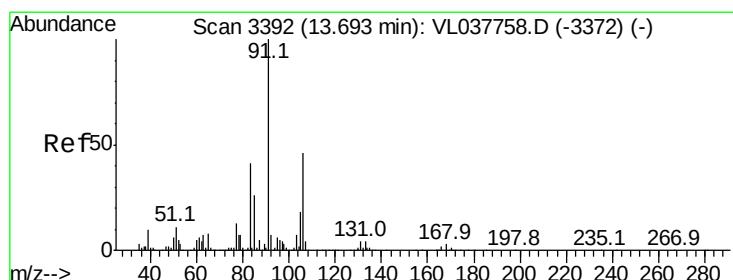
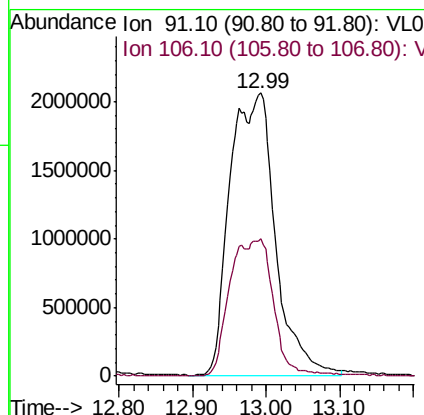
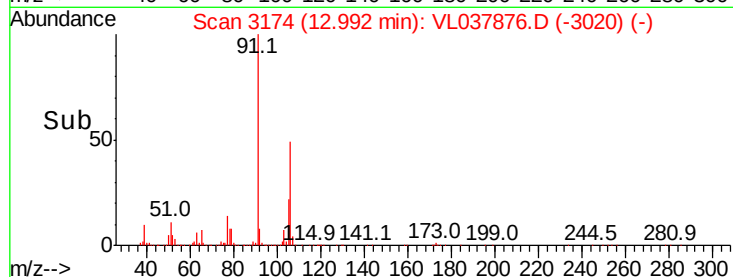
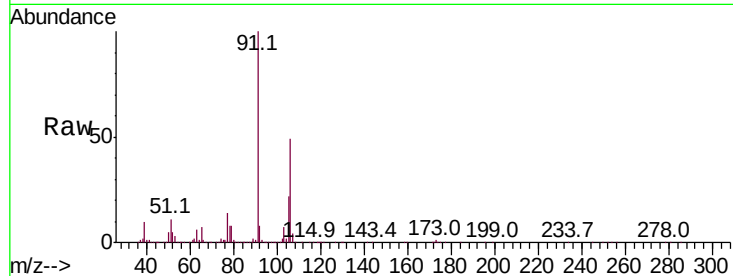


#59
m/p-Xylene
Concen: 23.038 ppbv m
RT: 12.99 min
Instrument: MSVOA_1
Delta R.T.: -0.01 min
Lab File: ClientSampleId : VSTDCCC010EC
Acq: 19 Oct 2021 12:01

Tot Ion:
Ion Ratio
91 100
106 46.

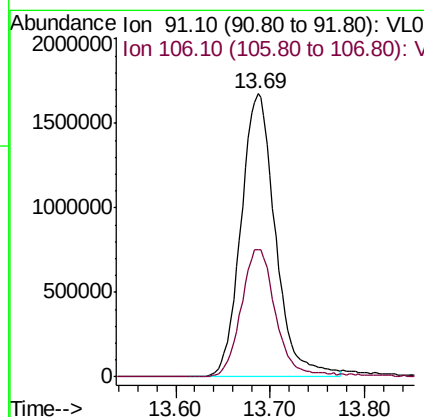
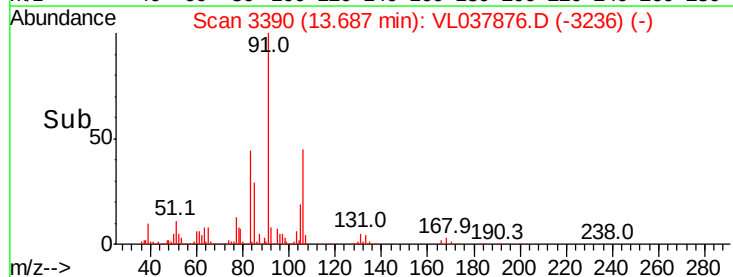
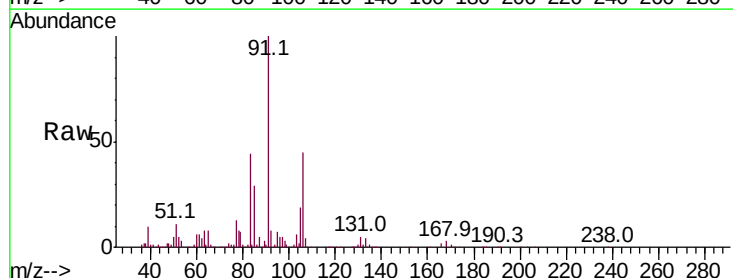
Manual Integrations
APPROVED

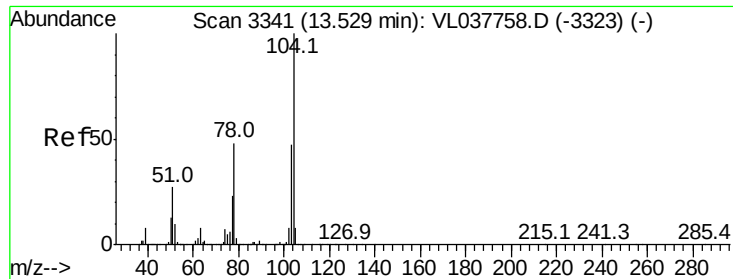
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#60
o-Xylene
Concen: 11.418 ppbv
RT: 13.69 min Scan# 3390
Delta R.T.: -0.01 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion: 91 Resp: 4220774
Ion Ratio Lower Upper
91 100
106 46.4 23.5 70.5





#61

Stvrene

Concen: 12.807 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 12:01 VSTDCCC010EC

Tot Ion:1

Ion Ratio

104 100

78 50.

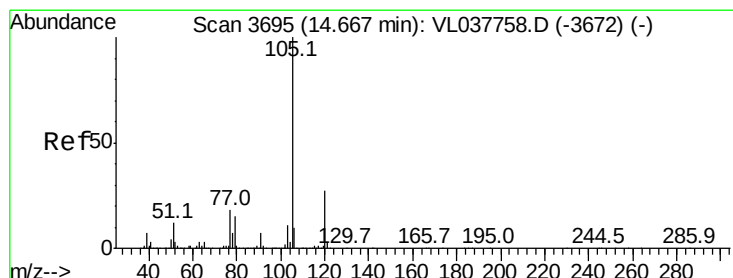
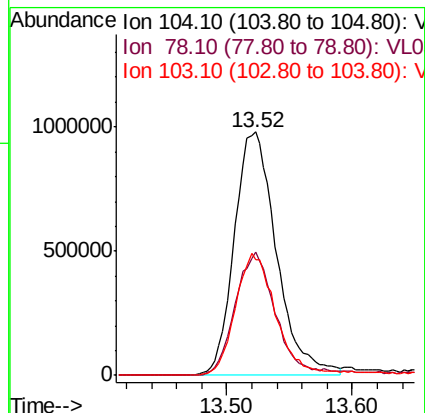
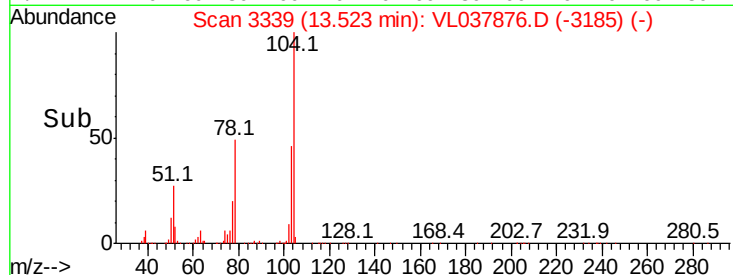
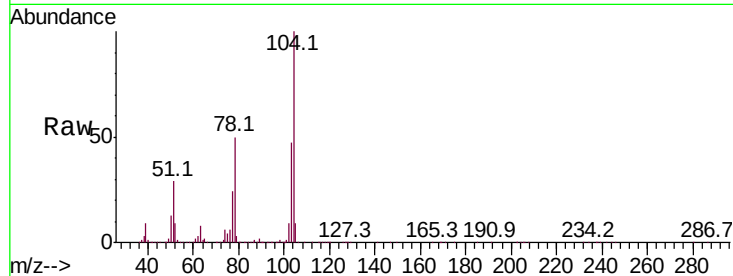
103 49.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#62

Isopropylbenzene

Concen: 11.498 ppbv

RT: 14.66 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VL037876.D

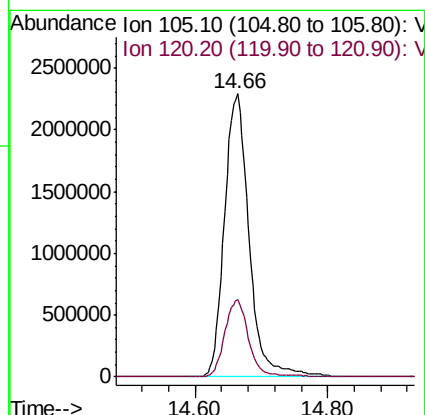
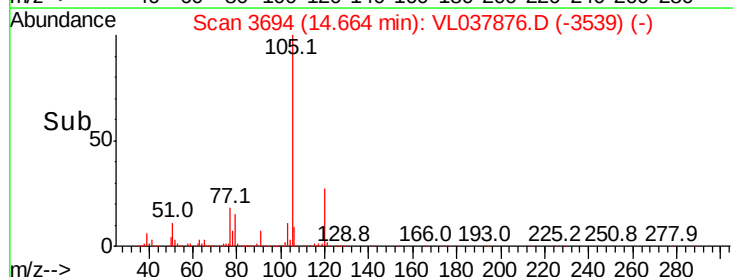
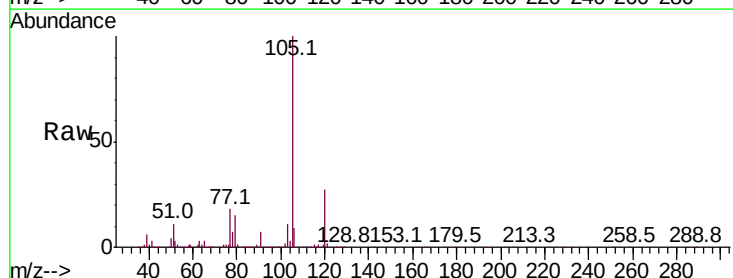
Acq: 19 Oct 2021 12:01

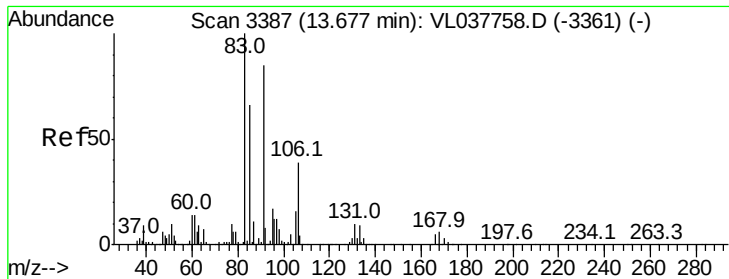
Tgt Ion:105 Resp: 5928173

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 10.949 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

83 100

131 9.

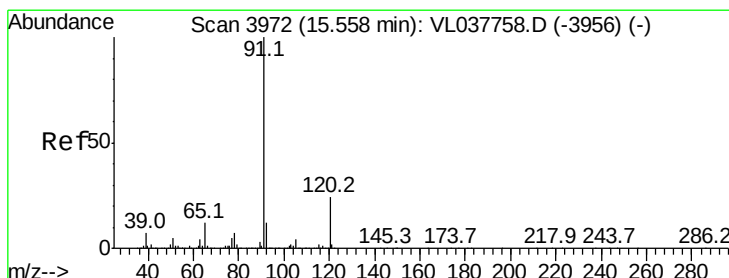
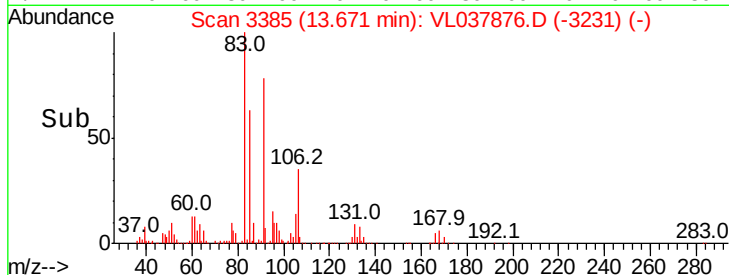
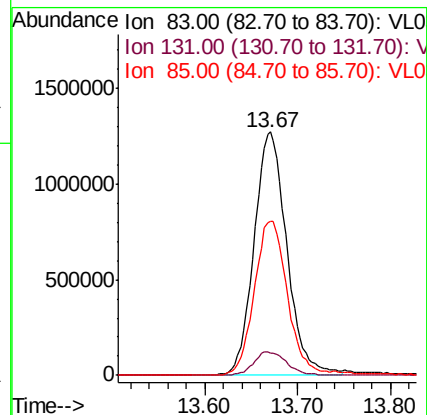
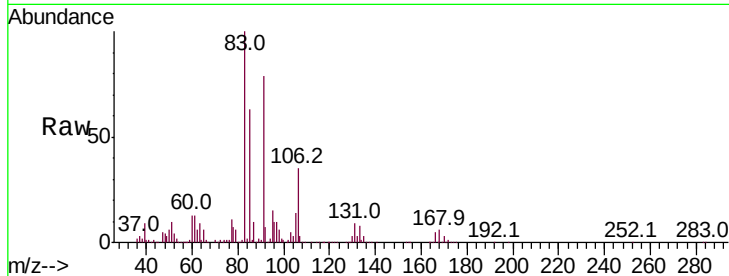
85 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#64

n-propylbenzene

Concen: 12.468 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. 0.00 min

Lab File: VL037876.D

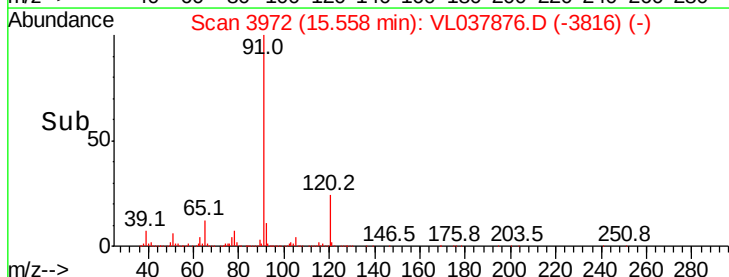
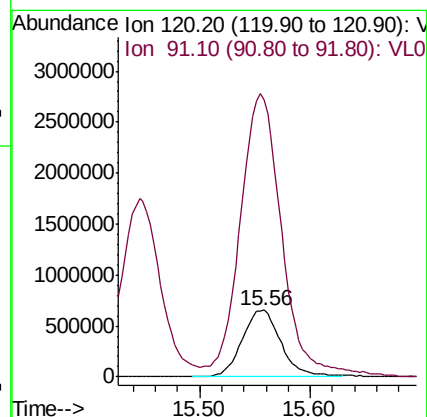
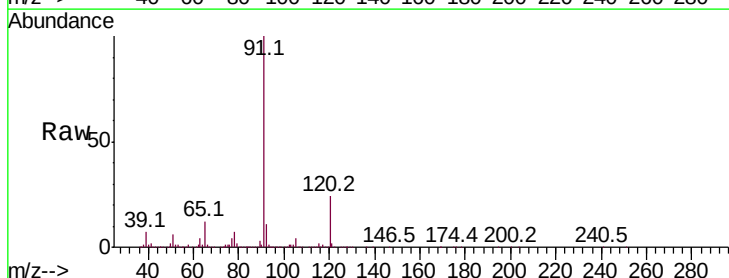
Acq: 19 Oct 2021 12:01

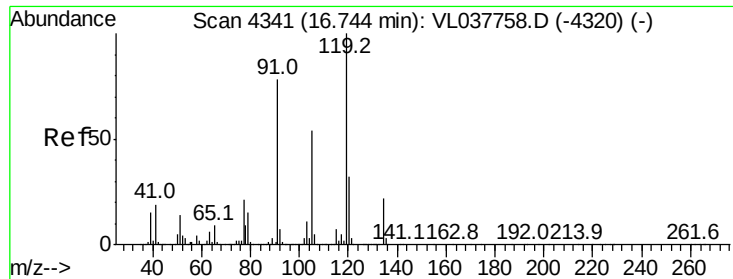
Tgt Ion:120 Resp: 1603047

Ion Ratio Lower Upper

120 100

91 454.9 375.0 562.6



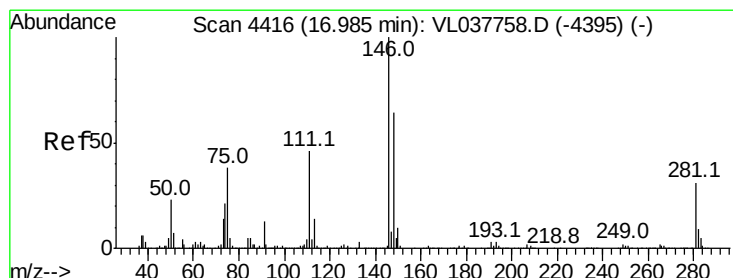
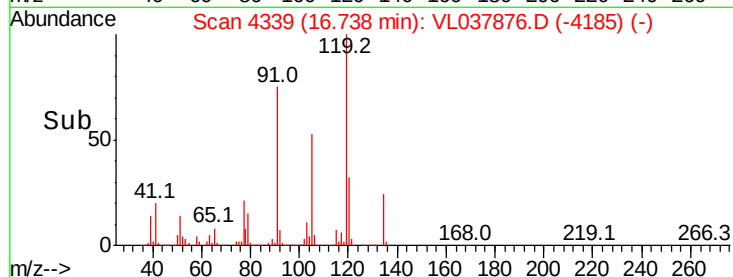
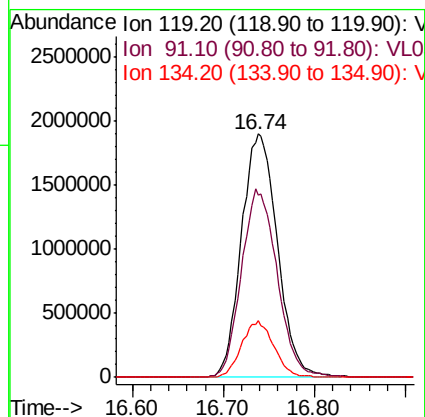
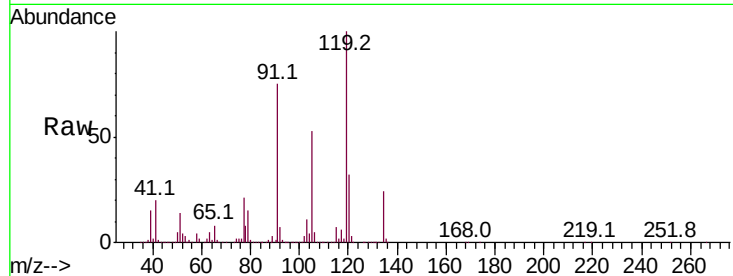


#65
 tert-Butylbenzene
 Concen: 11.480 ppbv
 RT: 16.74 min
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample ID:
 Lab File: VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

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

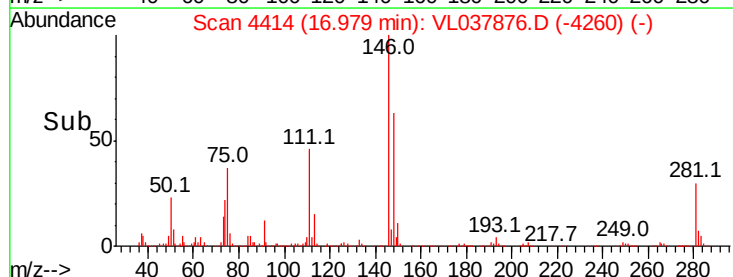
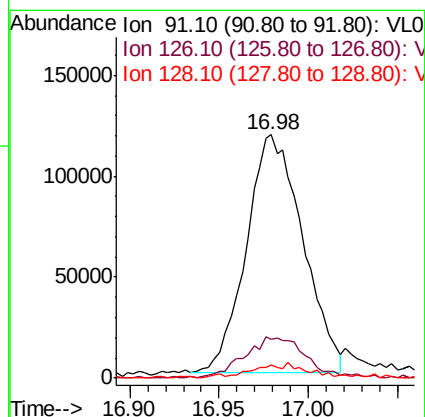
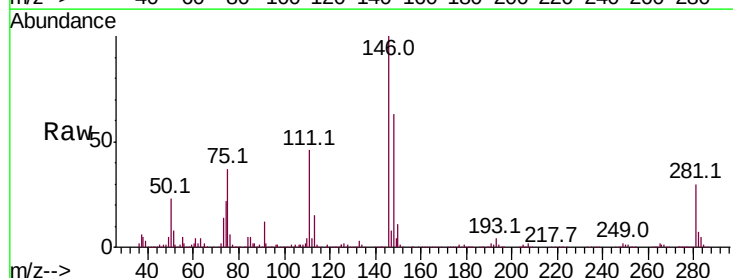
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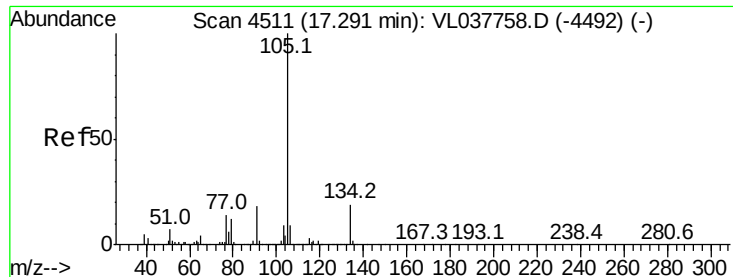
Reviewed By : Semsettin Yesilyurt 10/25/2021
 Supervised By : Mahesh Dadoda 10/27/2021



#66
 Benzyl Chloride
 Concen: 11.664 ppbv
 RT: 16.98 min Scan# 4414
 Delta R.T.: -0.01 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 91 Resp: 261187
 Ion Ratio Lower Upper
 91 100
 126 19.4 0.0 0.0#
 128 6.9 5.3 7.9



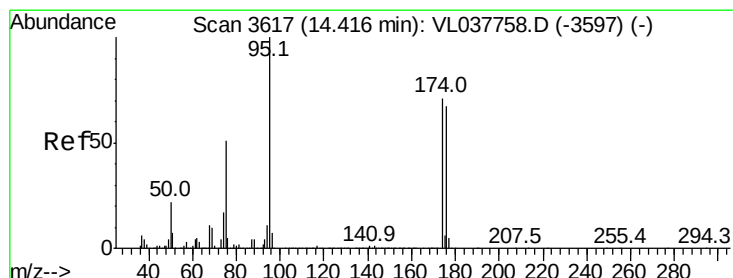
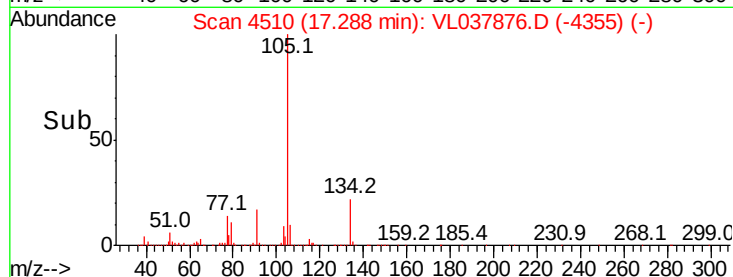
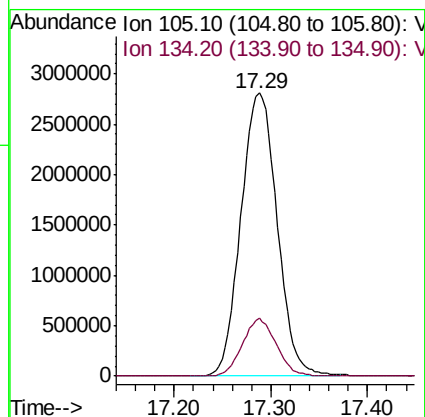
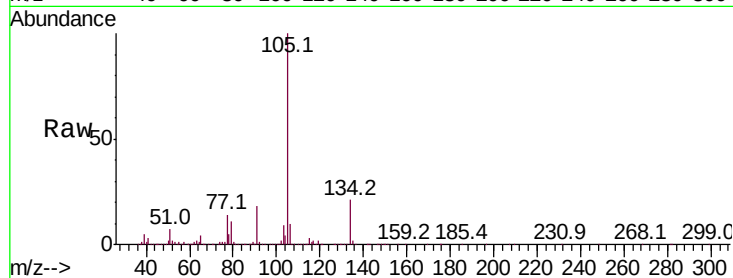


#67
 sec-Butylbenzene
 Concen: 11.778 ppbv
 RT: 17.29
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:1
 Ion Rati
 105 100
 134 19.

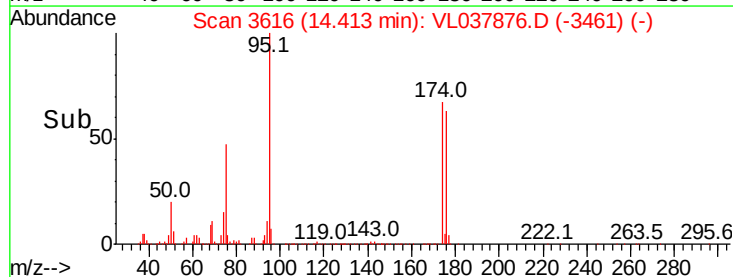
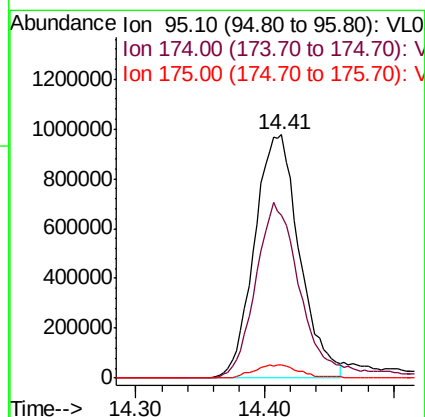
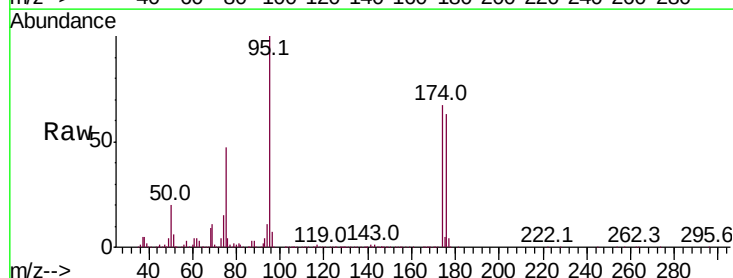
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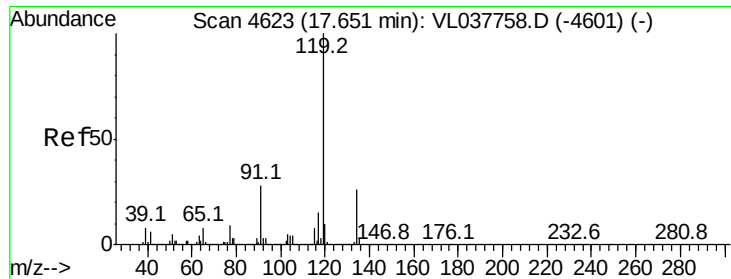
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.146 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 95 Resp: 2374302
 Ion Ratio Lower Upper
 95 100
 174 75.6 57.8 86.6
 175 6.0 4.7 7.1



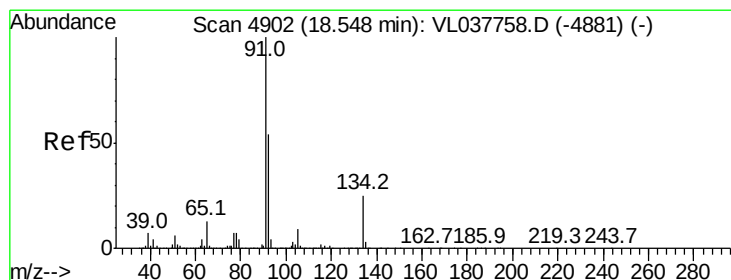
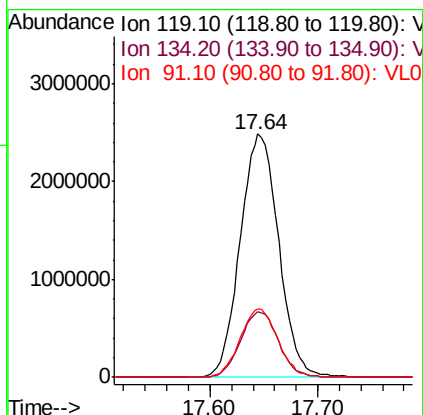
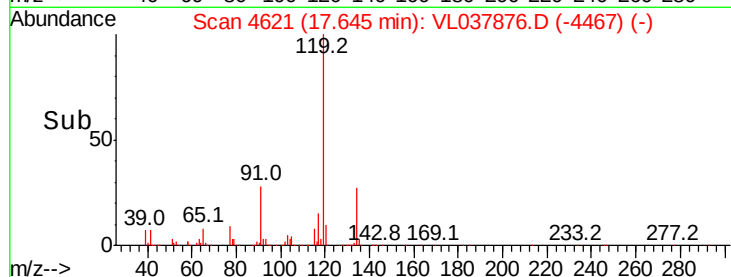
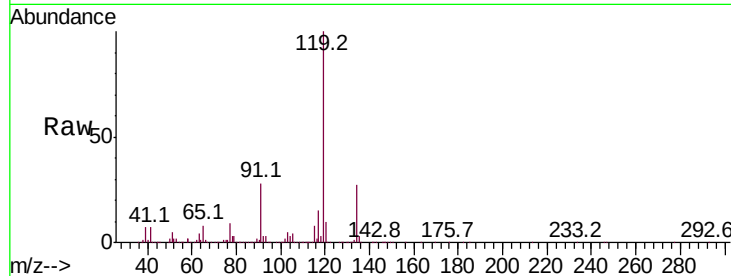


#69
 p-Isopropyltoluene
 Concen: 12.279 ppbv
 RT: 17.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

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

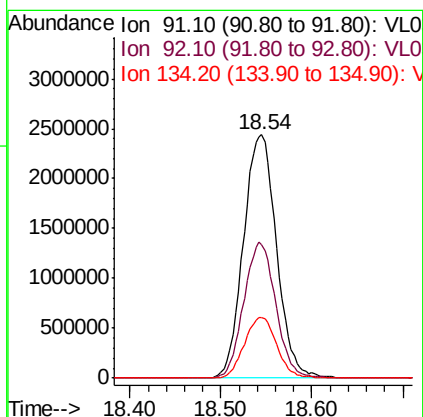
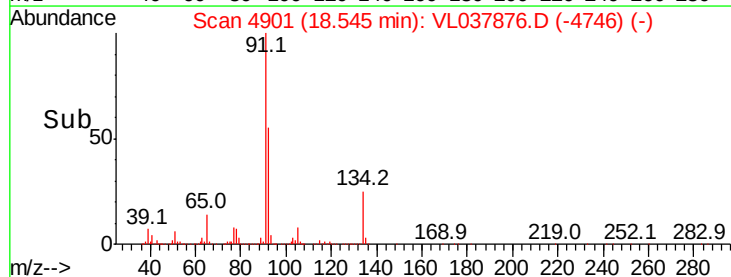
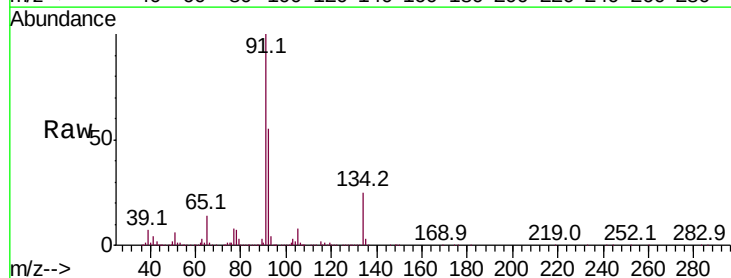
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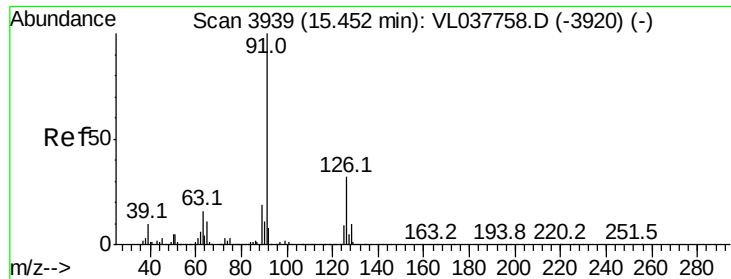
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#70
 n-Butylbenzene
 Concen: 12.900 ppbv
 RT: 18.54 min Scan# 4901
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion: 91 Resp: 6148278
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.4 65.0
 134 24.6 19.8 29.6





#71

2-Chlorotoluene

Concen: 11.704 ppbv

RT: 15.45

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Oct 2021 12:01

Tot Ion:

Ion Ratio

91 100

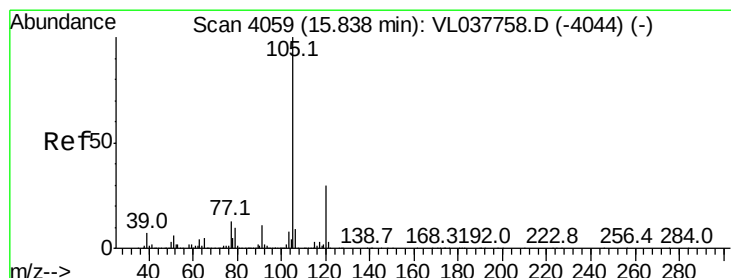
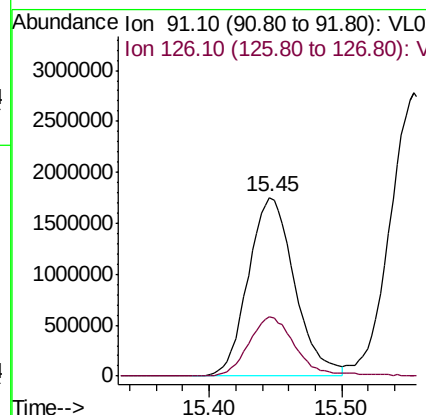
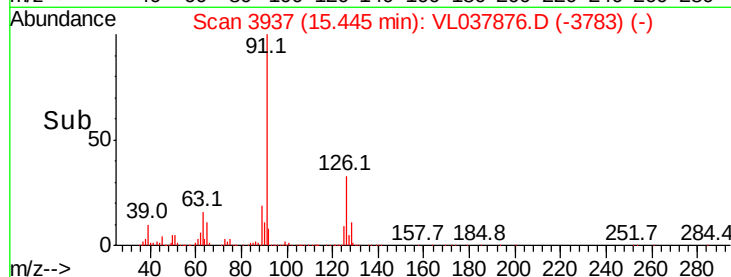
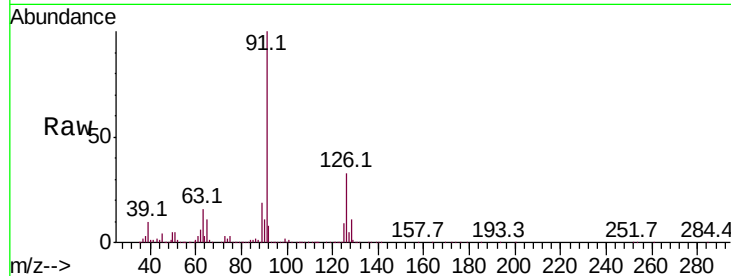
126 34.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

Supervised By :Mahesh Dadoda 10/27/2021



#72

4-Ethyltoluene

Concen: 12.262 ppbv

RT: 15.83 min Scan# 4057

Delta R.T. -0.01 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

Tgt Ion:105 Resp: 5146862

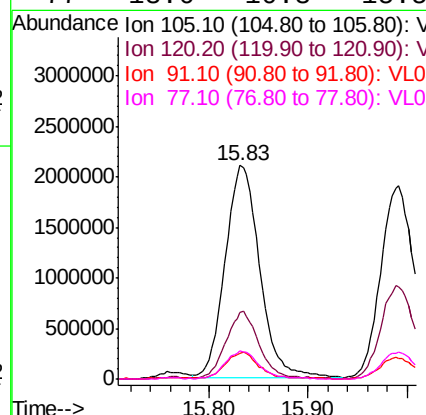
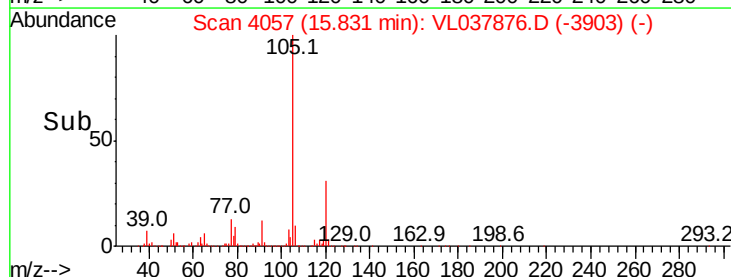
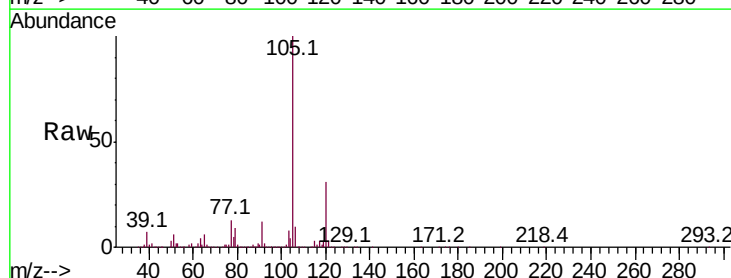
Ion Ratio Lower Upper

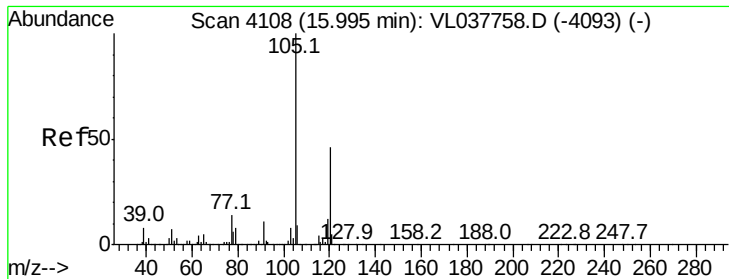
105 100

120 30.9 24.2 36.2

91 12.0 10.4 15.6

77 13.6 10.3 15.5



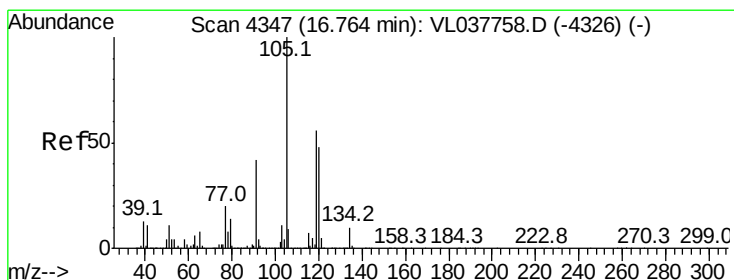
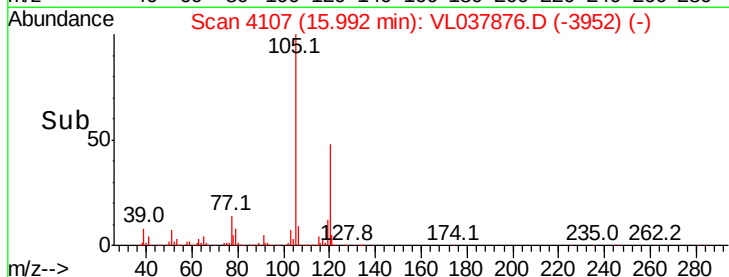
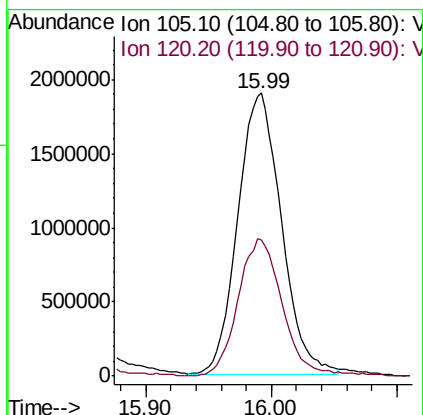
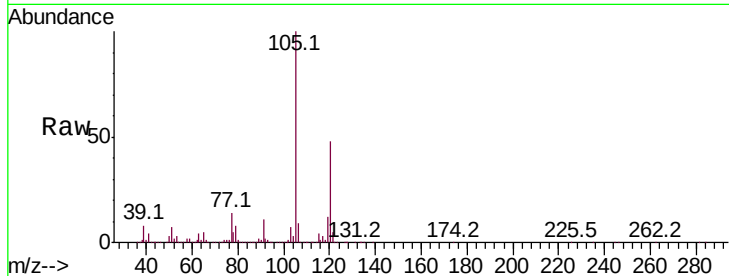


#73
 1,3,5-Trimethylbenzene
 Concen: 11.957 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 19 Oct 2021 12:01

Tot Ion:1
 Ion Rati
 105 100
 120 48.

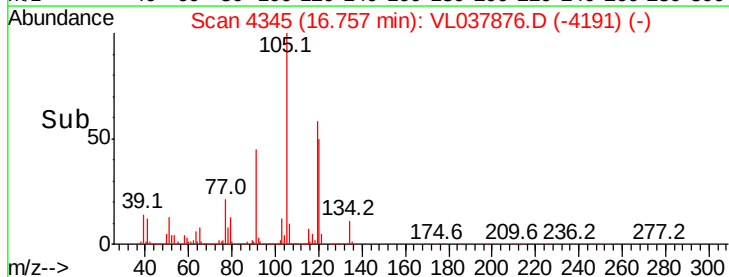
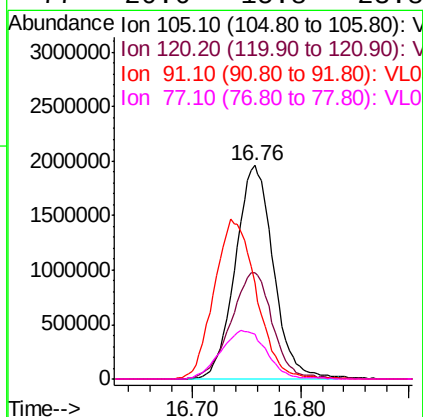
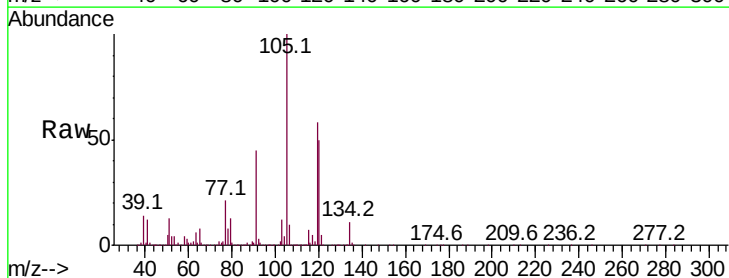
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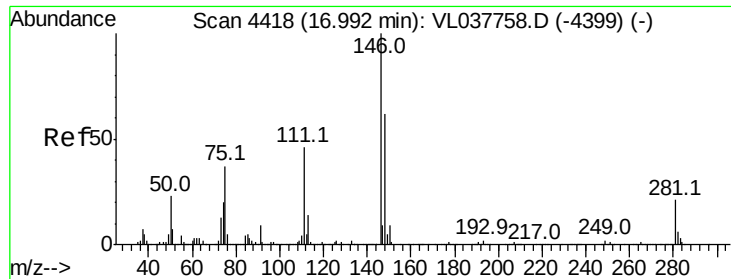
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#74
 1,2,4-Trimethylbenzene
 Concen: 11.989 ppbv
 RT: 16.76 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion:105 Resp: 4799948
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.4 57.6
 91 44.9 34.2 51.2
 77 20.6 15.8 23.8



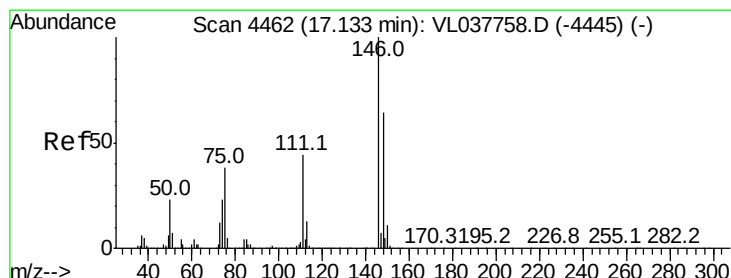
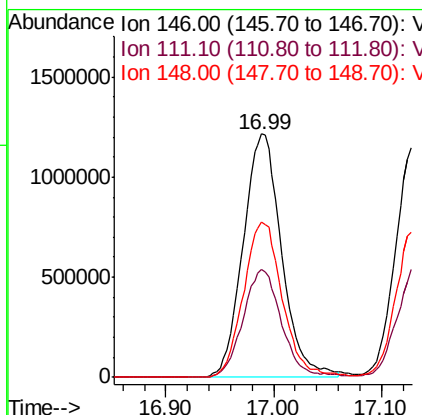
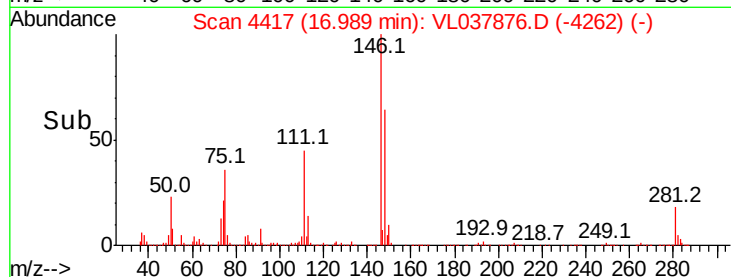
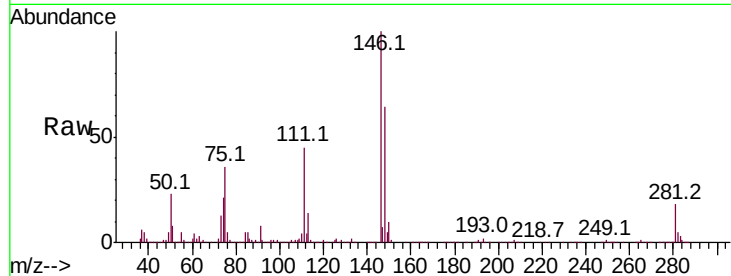


#75
 1,3-Dichlorobenzene
 Concen: 12.090 ppbv
 RT: 16.99 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:1
 Ion Rati
 146 100
 111 44.
 148 64.

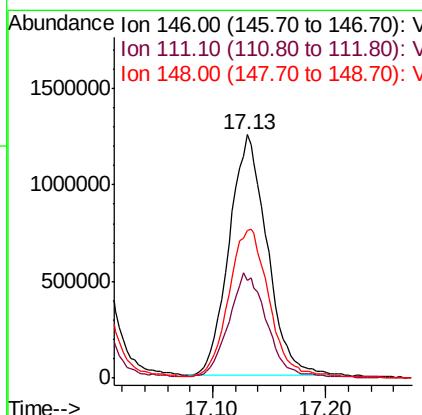
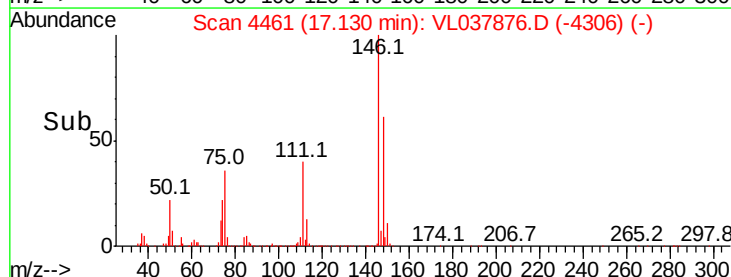
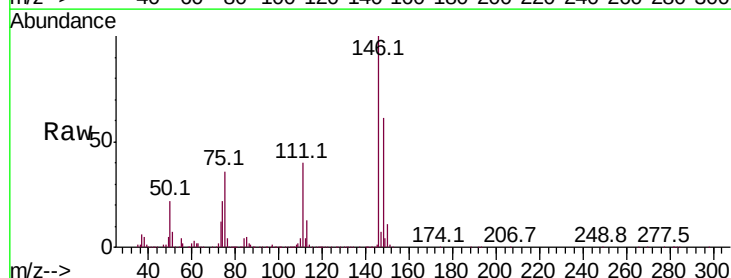
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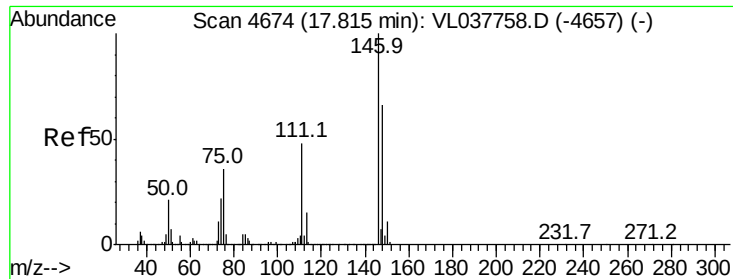
Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021



#76
 1,4-Dichlorobenzene
 Concen: 12.235 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL037876.D
 Acq: 19 Oct 2021 12:01

Tgt Ion:146 Resp: 2895147
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.4 67.3
 148 67.1 33.3 99.9





#77

1,2-Dichlorobenzene

Concen: 12.107 ppbv

RT: 17.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Oct 2021 12:01

Tot Ion:1

Ion Rati

146 100

111 46.

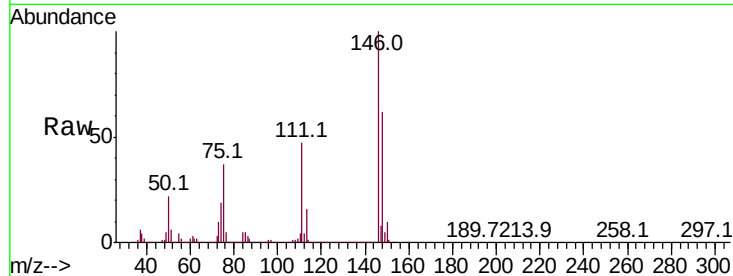
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/25/2021

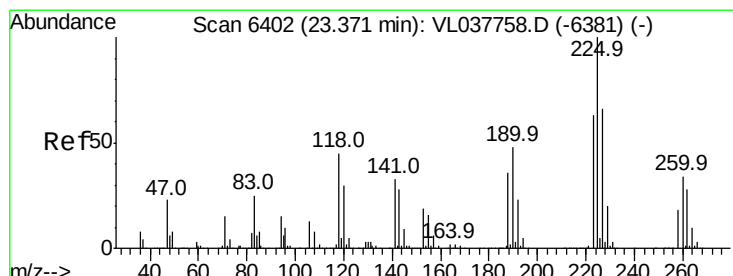
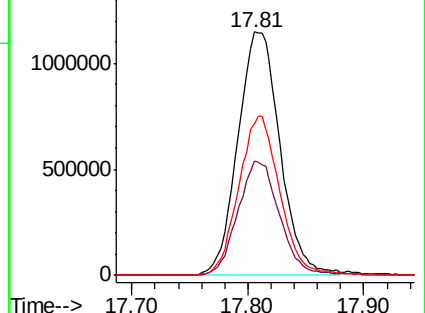
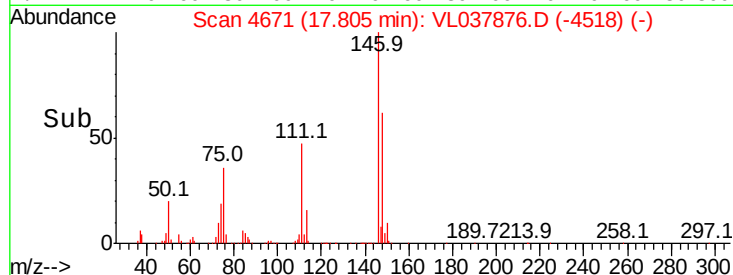
Supervised By :Mahesh Dadoda 10/27/2021



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#78

Hexachloro-1,3-Butadiene

Concen: 10.646 ppbv

RT: 23.37 min Scan# 6401

Delta R.T. -0.00 min

Lab File: VL037876.D

Acq: 19 Oct 2021 12:01

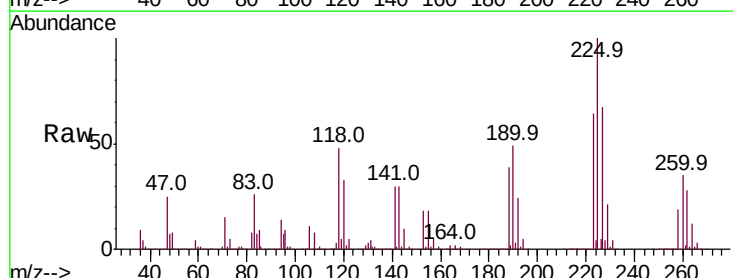
Tgt Ion:225 Resp: 2071290

Ion Ratio Lower Upper

225 100

223 64.3 51.2 76.8

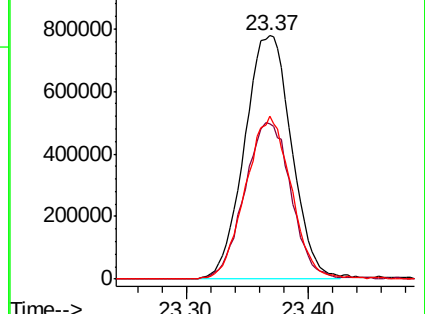
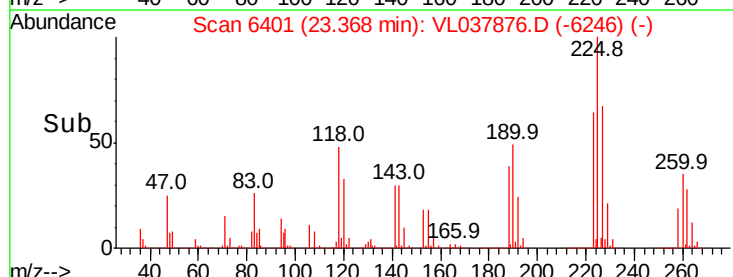
227 65.6 51.1 76.7

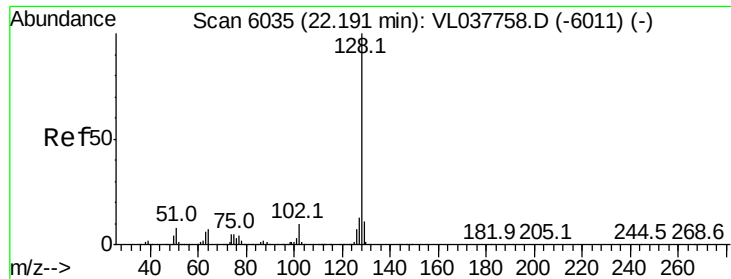


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



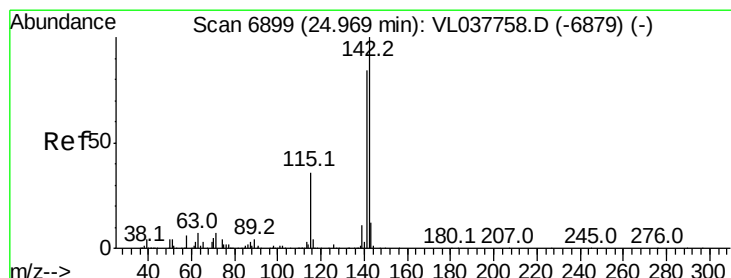
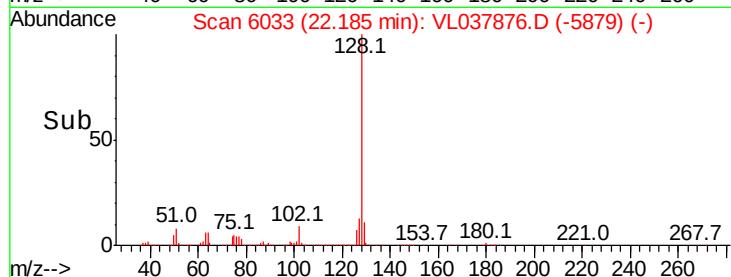
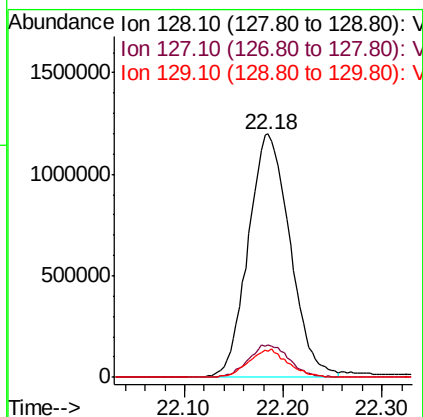
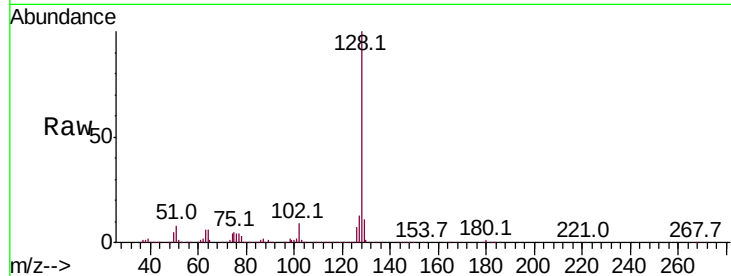


#79
Naphthalene
Concen: 14.296 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 19 Oct 2021 12:01
VSTDCCC010EC

Tot Ion:1
Ion Rati
128 100
127 13.
129 10.

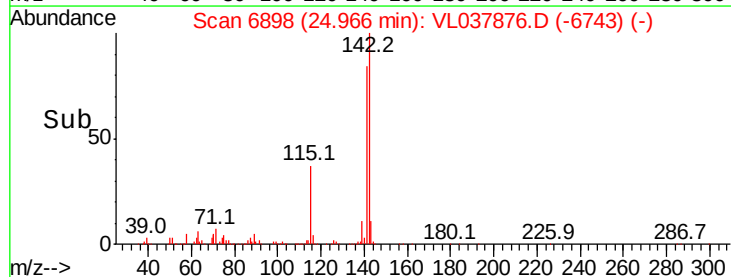
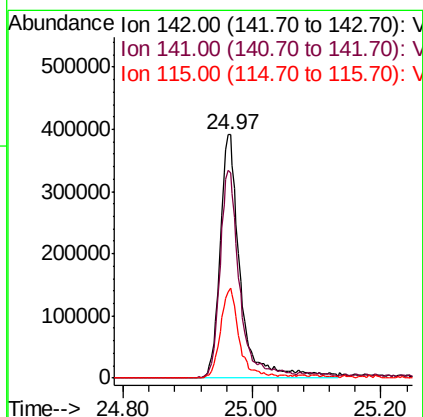
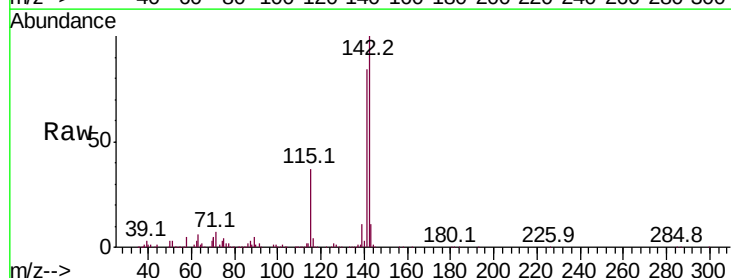
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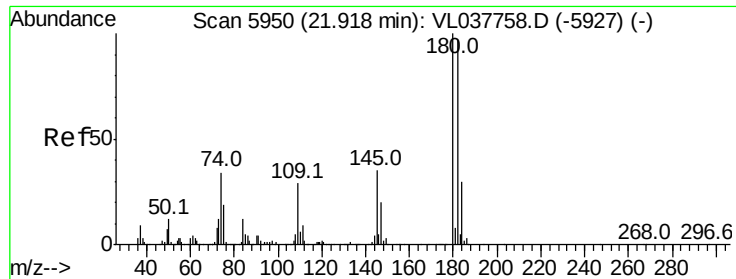
Reviewed By :Semsettin Yesilyurt 10/25/2021
Supervised By :Mahesh Dadoda 10/27/2021



#80
Naphthalene, 2-methyl-
Concen: 13.083 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.00 min
Lab File: VL037876.D
Acq: 19 Oct 2021 12:01

Tgt Ion:142 Resp: 861330
Ion Ratio Lower Upper
142 100
141 82.5 68.6 102.8
115 34.7 29.0 43.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.333 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010EC
 Acq: 19 Oct 2021 12:01

Tot Ion:1
 Ion Rati
 180 100
 182 96.
 184 31.

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021

