

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122023\
 Data File : VL040914.D
 Acq On : 20 Dec 2023 11:07
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 07:07:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 21 07:06:17 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.176	49	1310090	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3229260	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	3165364m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.748 95 2284220 9.797 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	2239293	8.974	ppbv	100
3) Chlorodifluoromethane	2.671	51	1762679	8.941	ppbv	100
4) Chloromethane	2.809	50	651053	8.956	ppbv	100
5) Vinyl Chloride	2.915	62	660091	9.758	ppbv	100
6) Bromomethane	3.115	94	293396	9.440	ppbv	100
7) Chloroethane	3.192	64	228961	9.152	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1630275	9.067	ppbv	100
9) Propene	2.690	41	614121	9.441	ppbv	100
10) Heptane	7.558	43	1527542	9.447	ppbv	100
11) Trichlorofluoromethane	3.552	101	1794921	9.200	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.053	101	1300145	8.582	ppbv	100
13) Ethanol	3.230	45	134985m	9.286	ppbv	
14) Bromoethene	3.359	108	519428	9.354	ppbv	100
15) Acetone	3.459	43	1247217	7.938	ppbv	100
16) 1,3-Butadiene	2.980	39	641901	9.488	ppbv	100
17) tert-Butyl alcohol	3.867	59	1099210	9.457	ppbv	100
18) 1,1-Dichloroethene	3.870	96	561368	8.974	ppbv	100
19) Isopropyl Alcohol	3.568	45	742306	8.936	ppbv	100
20) Methylene Chloride	3.922	84	474833	8.390	ppbv	100
21) Allyl Chloride	3.986	41	868035	9.346	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	717215	9.949	ppbv	100
23) Vinyl Acetate	4.610	43	1834958	10.333	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1481600	9.556	ppbv	100
25) Ethyl Acetate	5.185	43	2602268	9.558	ppbv	100
26) Hexane	5.198	57	1122301	9.235	ppbv	100
27) Carbon Disulfide	4.111	76	1432532	8.772	ppbv	100
28) Methyl tert-Butyl Ether	4.568	73	1092960	9.761	ppbv	100
29) Chloroform	5.256	83	1880711	9.236	ppbv	100
30) Cyclohexane	6.581	84	960775	9.551	ppbv	100
31) cis-1,2-Dichloroethene	5.063	61	1192729	9.623	ppbv	100
32) 1,1,1-Trichloroethane	5.983	97	1862090	9.598	ppbv	100
34) 2-Butanone	4.767	43	1662461	9.732	ppbv	100
35) Carbon Tetrachloride	6.471	117	1994229	9.822	ppbv	100
36) Benzene	6.349	78	2395149	9.488	ppbv	100
37) 1,2-Dichloroethane	5.787	62	1452517	9.603	ppbv	100
38) Trichloroethene	7.269	130	902630	9.296	ppbv	100
39) 1,2-Dichloropropane	7.050	63	936297	9.412	ppbv	100
40) 1,4-Dioxane	7.262	88	374550	9.099	ppbv	100
41) Tetrahydrofuran	5.536	42	1006591	9.709	ppbv	100
42) Bromodichloromethane	7.227	83	2092775	9.593	ppbv	100
43) Methyl Methacrylate	7.452	69	1005270	10.213	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3944486	9.199	ppbv	100
45) t-1,3-Dichloropropene	8.684	75	820411	11.240	ppbv	100

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

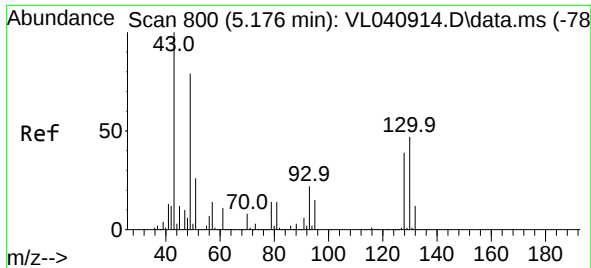
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Dec 21 07:06:17 2023

Response via : Initial Calibration

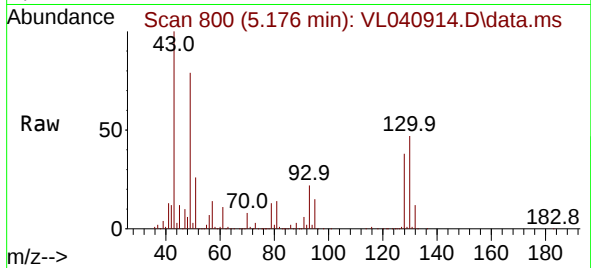
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	943993	10.385	ppbv	100
47) 1,1,2-Trichloroethane	8.873	97	987751	9.279	ppbv	100
48) Dibromochloromethane	9.683	129	1771818	9.857	ppbv	100
49) Bromoform	12.381	173	1423200	10.232	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2517427	9.708	ppbv	100
51) 2-Hexanone	9.523	43	1887927	10.121	ppbv	100
52) Tetrachloroethene	10.590	164	826416	9.708	ppbv	100
53) Toluene	9.192	91	2720476	9.645	ppbv	100
54) 1,2-Dibromoethane	9.982	107	1457889	10.031	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.481	131	1265354	9.142	ppbv	100
57) Chlorobenzene	11.500	112	2081351	8.910	ppbv	100
58) Ethyl Benzene	12.060	91	3707057	9.114	ppbv	100
59) m/p-Xylene	12.343	91	6231546m	18.018	ppbv	
60) o-Xylene	13.031	91	2950011	9.054	ppbv	100
61) Styrene	12.870	104	1564688	10.066	ppbv	100
62) Isopropylbenzene	14.002	105	4320899	8.942	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.018	83	2147264	9.177	ppbv	100
64) n-propylbenzene	14.889	120	1130424	9.270	ppbv	100
65) tert-Butylbenzene	16.059	119	3772799	9.042	ppbv	100
66) Benzyl Chloride	16.297	91	320888	11.347	ppbv	100
67) sec-Butylbenzene	16.606	105	5315744	8.906	ppbv	100
69) p-Isopropyltoluene	16.966	119	4329016	9.341	ppbv	100
70) n-Butylbenzene	17.857	91	4520949	9.388	ppbv	100
71) 2-Chlorotoluene	14.770	91	3381703	9.090	ppbv	100
72) 4-Ethyltoluene	15.166	105	3420878	9.566	ppbv	100
73) 1,3,5-Trimethylbenzene	15.320	105	2947911	9.551	ppbv	100
74) 1,2,4-Trimethylbenzene	16.079	105	3227089	9.395	ppbv	100
75) 1,3-Dichlorobenzene	16.301	146	1838907	9.341	ppbv	100
76) 1,4-Dichlorobenzene	16.445	146	1785248	9.287	ppbv	100
77) 1,2-Dichlorobenzene	17.111	146	1769715	9.319	ppbv	100
78) Hexachloro-1,3-Butadiene	22.603	225	951308	8.074	ppbv	100
79) Naphthalene	21.352	128	2004860	12.479	ppbv	100
80) Naphthalene,2-methyl-	24.352	142	318132	11.328	ppbv	100
81) 1,2,4-Trichlorobenzene	21.111	180	1034411	10.743	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 800
Delta R.T. -0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

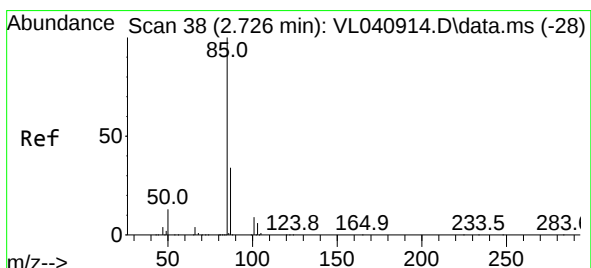
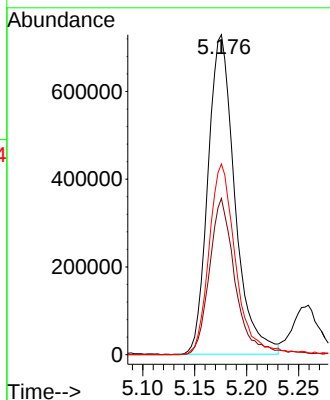
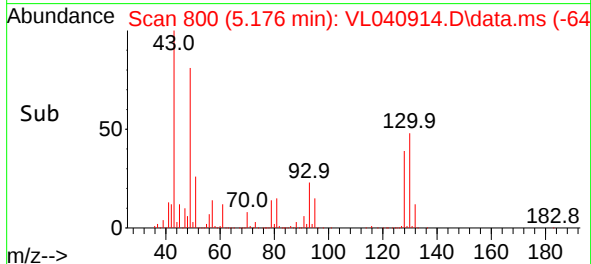
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



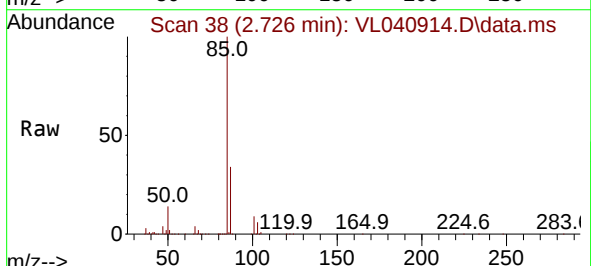
Tgt Ion: 49 Resp: 1310090
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 60.3 30.1 90.5

Manual Integrations
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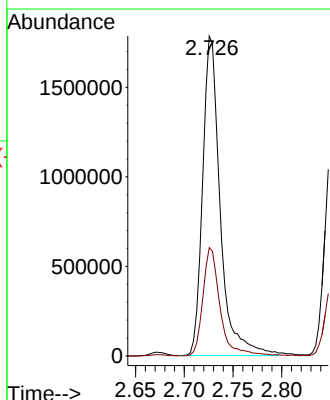
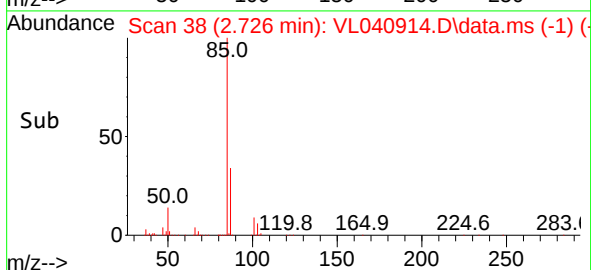
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

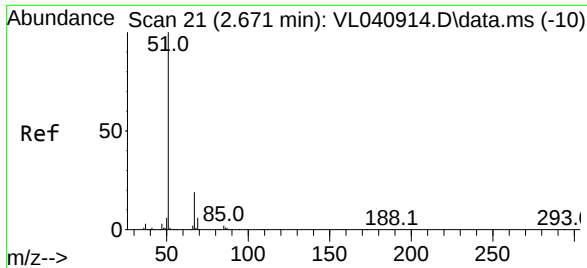


#2
Dichlorodifluoromethane
Concen: 8.974 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



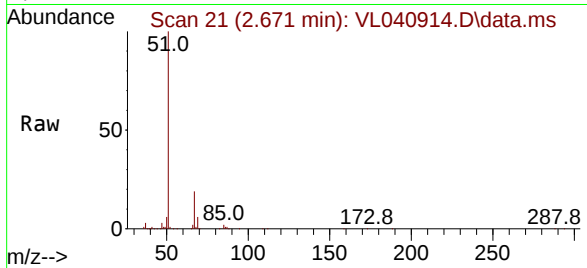
Tgt Ion: 85 Resp: 2239293
Ion Ratio Lower Upper
85 100
87 33.8 27.0 40.6





#3
Chlorodifluoromethane
Concen: 8.941 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

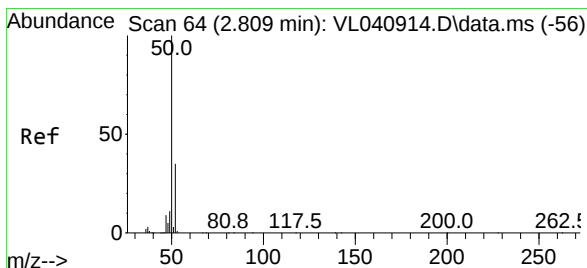
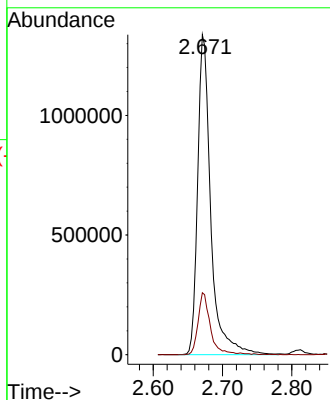
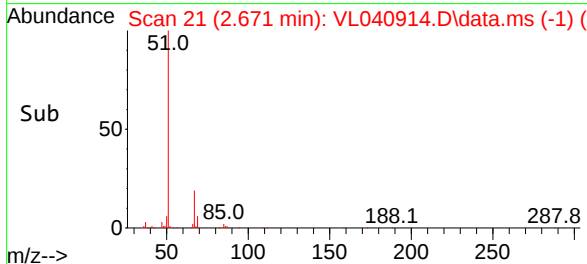
Instrument :
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ClientSampleId :
VSTDICCC010



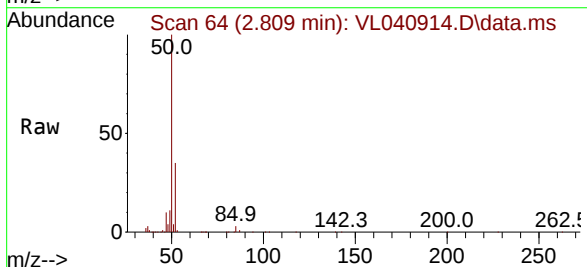
Tgt Ion: 51 Resp: 1762679
Ion Ratio Lower Upper
51 100
67 18.4 14.7 22.1

Manual Integrations
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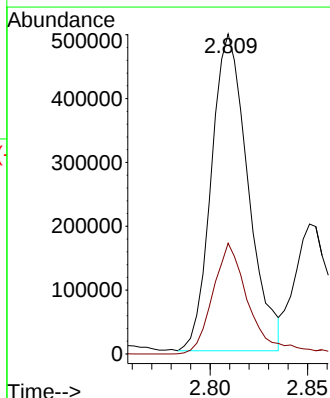
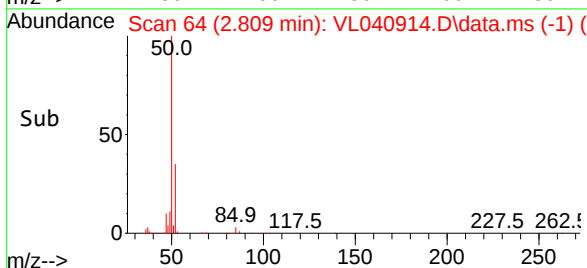
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

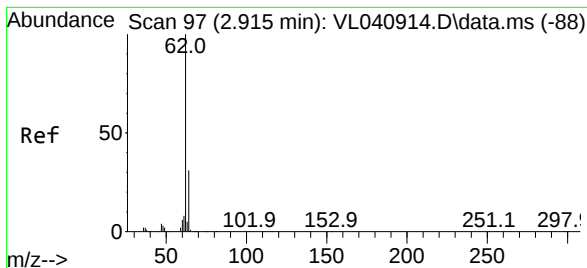


#4
Chloromethane
Concen: 8.956 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



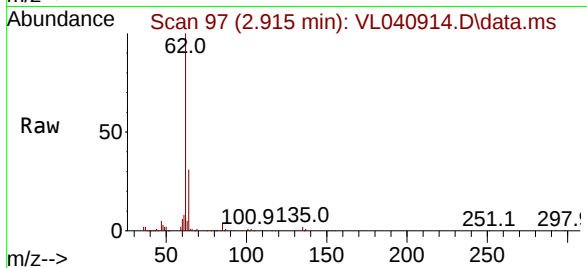
Tgt Ion: 50 Resp: 651053
Ion Ratio Lower Upper
50 100
52 35.0 28.0 42.0





#5
 Vinyl Chloride
 Concen: 9.758 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

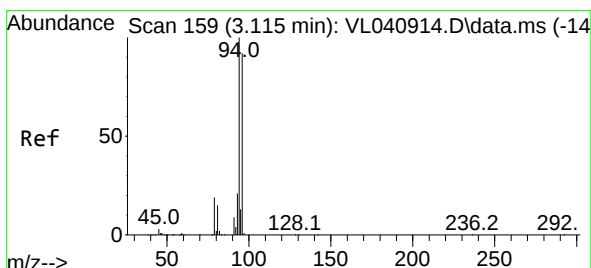
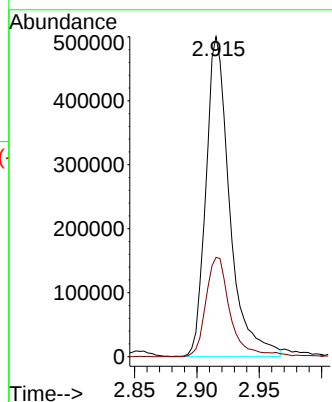
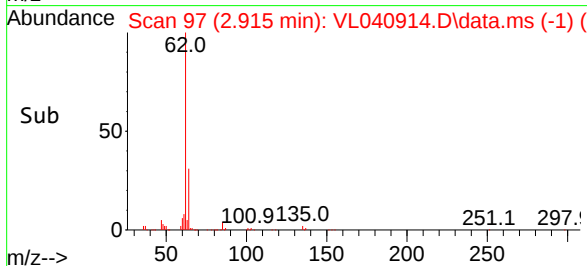
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 660091
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3

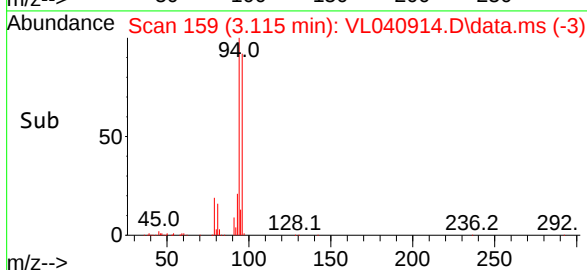
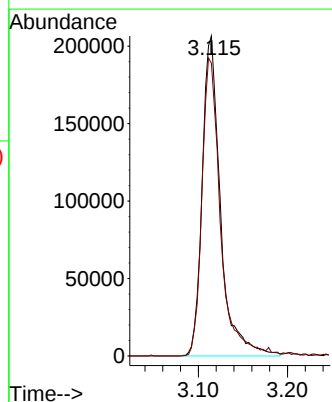
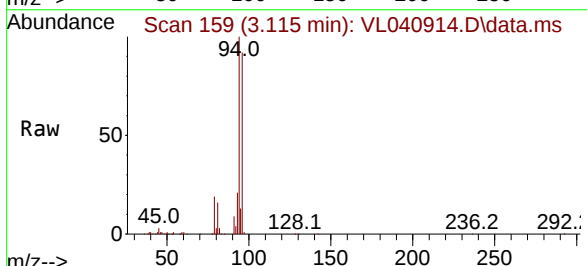
Manual Integrations
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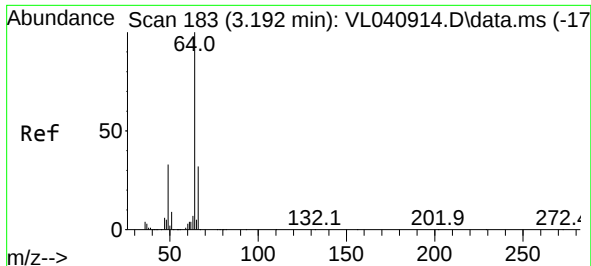
Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#6
 Bromomethane
 Concen: 9.440 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

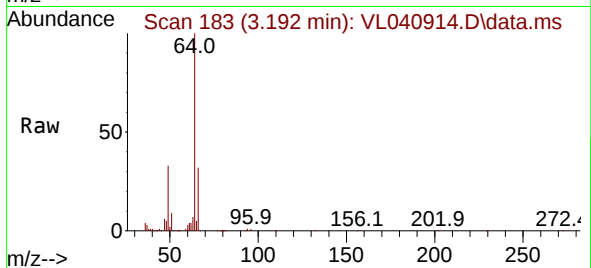
Tgt Ion: 94 Resp: 293396
 Ion Ratio Lower Upper
 94 100
 96 91.5 73.2 109.8





#7
Chloroethane
Concen: 9.152 ppbv
RT: 3.192 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

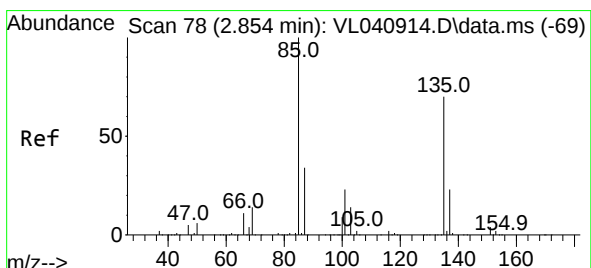
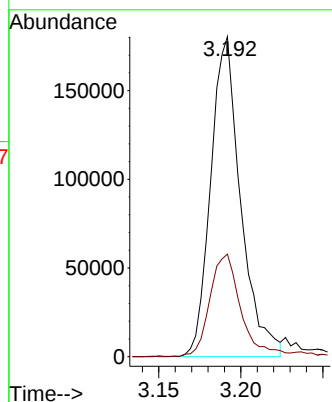
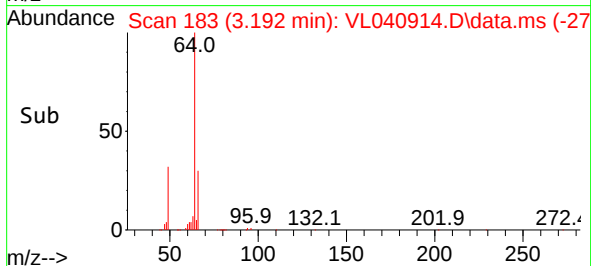
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 22896
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

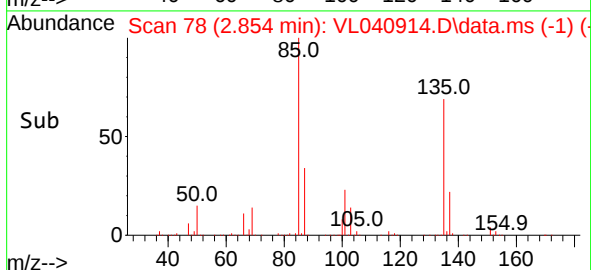
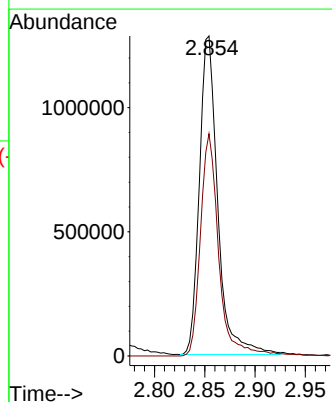
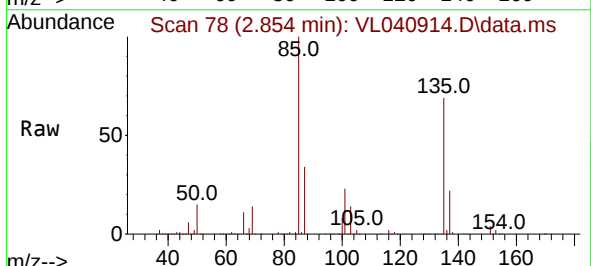
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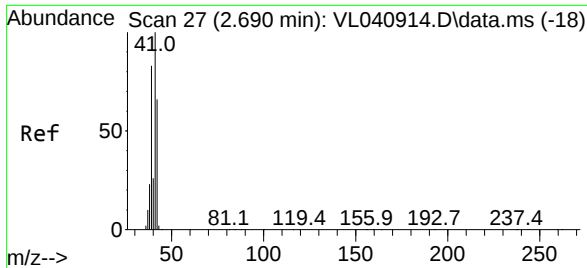
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#8
Dichlorotetrafluoroethane
Concen: 9.067 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

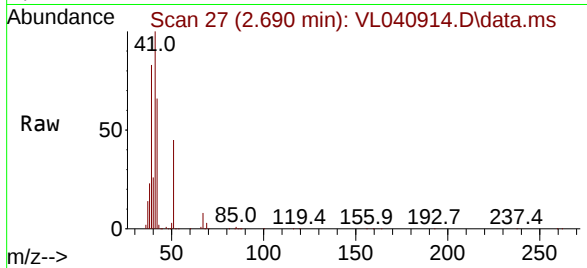
Tgt Ion: 85 Resp: 1630275
Ion Ratio Lower Upper
85 100
135 69.8 55.8 83.8





#9
 Propene
 Concen: 9.441 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

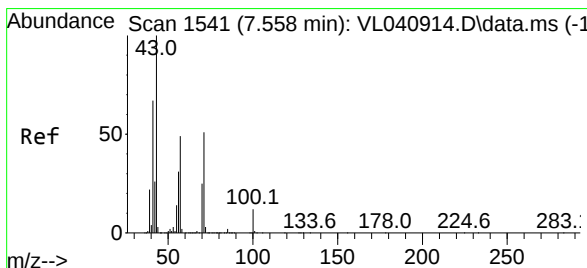
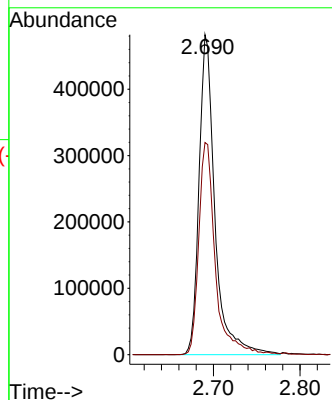
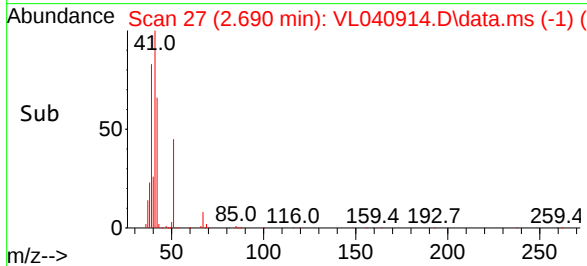
Instrument :
 MSVOA_L
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 VSTDICCC010



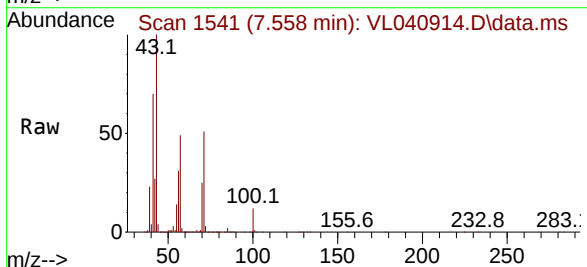
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 Ion Ratio Lower Upper
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Manual Integrations
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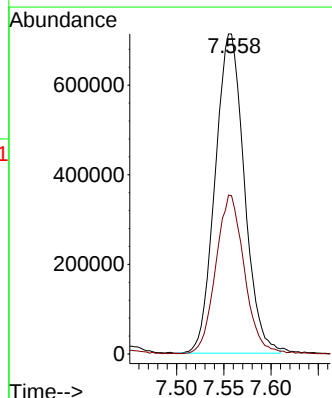
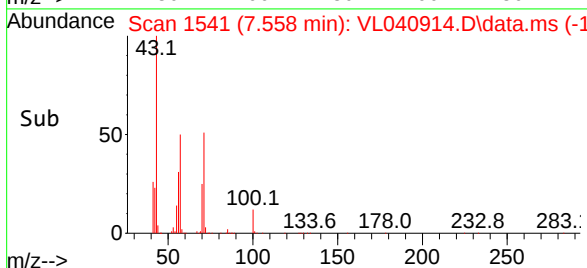
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 Supervised By :Mahesh Dadoda 12/21/2023

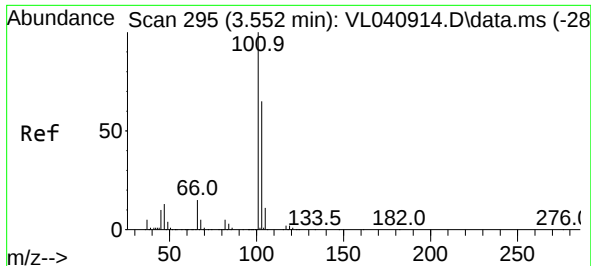


#10
 Heptane
 Concen: 9.447 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07



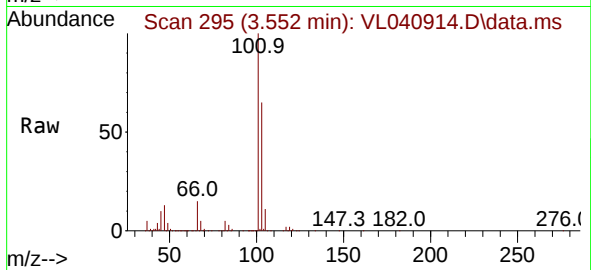
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 Ion Ratio Lower Upper
 43 100
 57 49.1 39.3 58.9





#11
Trichlorofluoromethane
Concen: 9.200 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

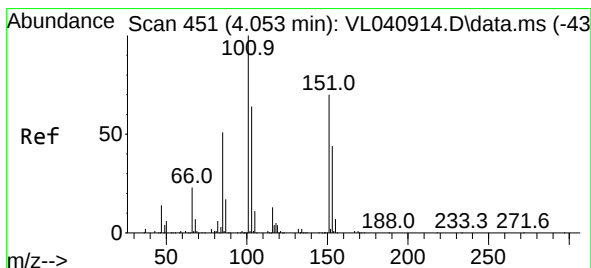
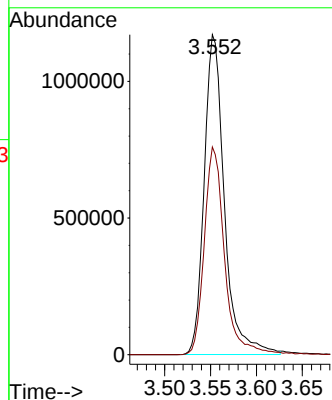
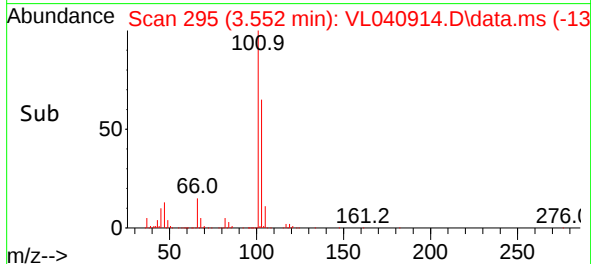
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:101 Resp: 179492
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

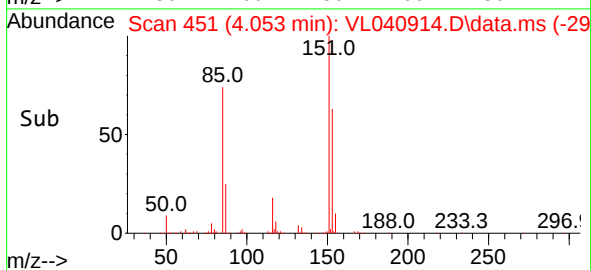
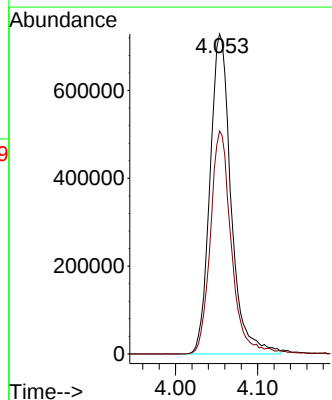
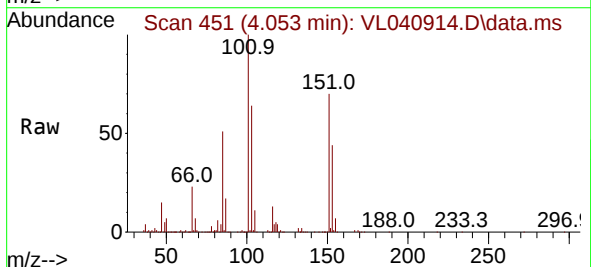
Manual Integrations
APPROVED

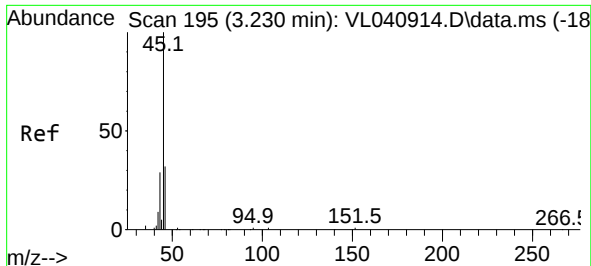
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.582 ppbv
RT: 4.053 min Scan# 451
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

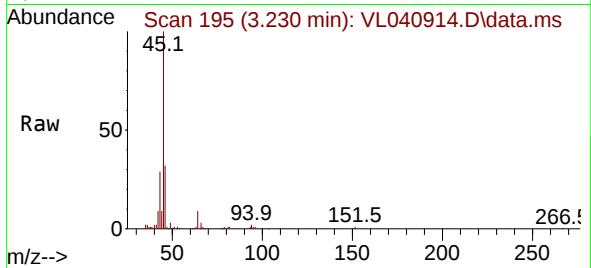
Tgt Ion:101 Resp: 1300145
Ion Ratio Lower Upper
101 100
151 69.8 55.8 83.8





#13
Ethanol
Concen: 9.286 ppbv m
RT: 3.230 min Scan# 195
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

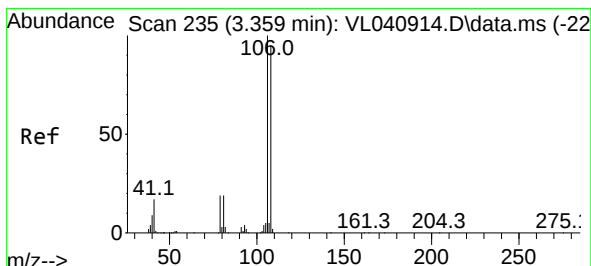
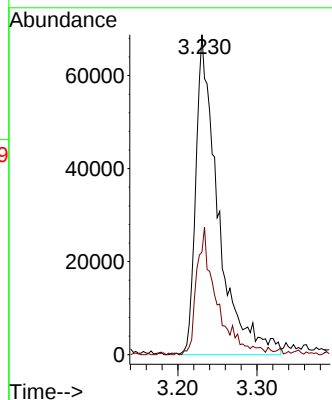
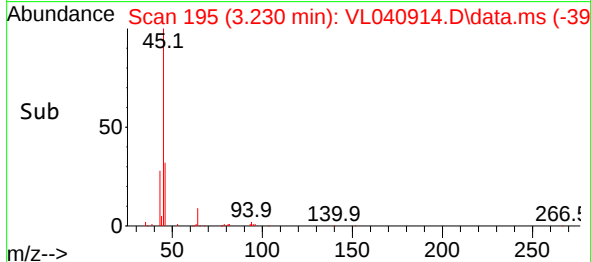
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



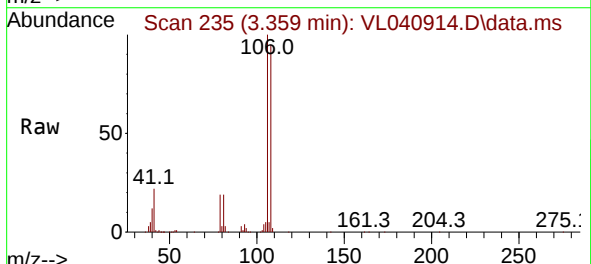
Tgt Ion: 45 Resp: 13498
Ion Ratio Lower Upper
45 100
46 37.5 15.0 60.0

Manual Integrations
APPROVED

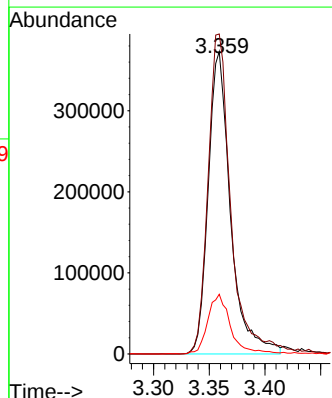
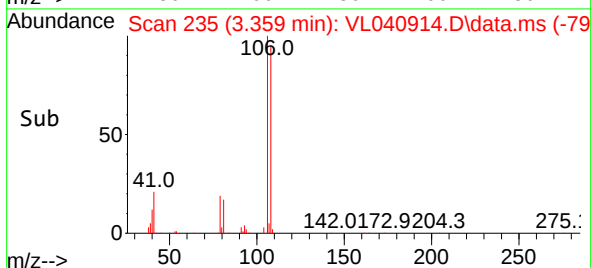
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

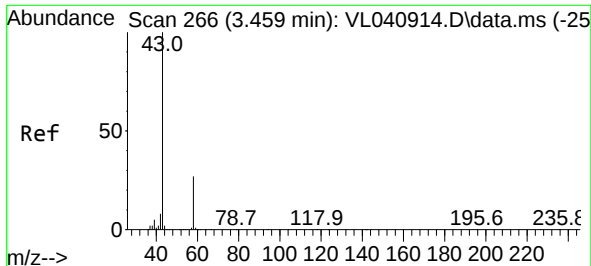


#14
Bromoethene
Concen: 9.354 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



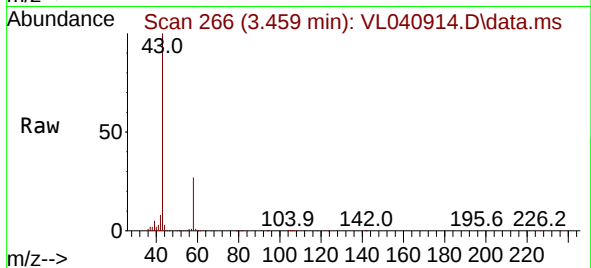
Tgt Ion:108 Resp: 519428
Ion Ratio Lower Upper
108 100
106 109.4 87.5 131.3
79 20.7 16.6 24.8





#15
Acetone
Concen: 7.938 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

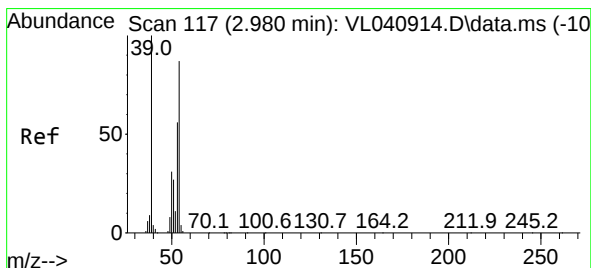
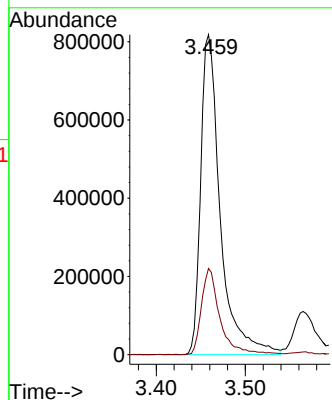
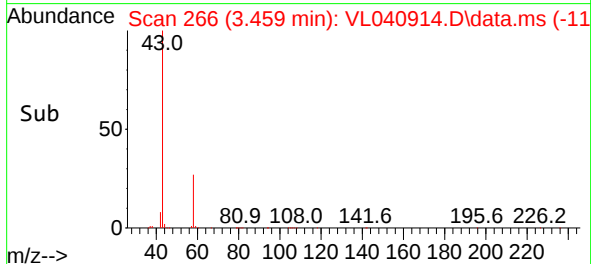
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



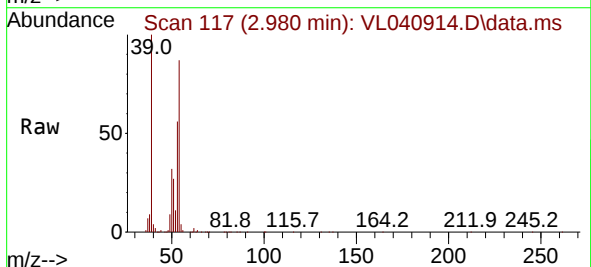
Tgt Ion: 43 Resp: 124721
Ion Ratio Lower Upper
43 100
58 25.7 20.6 30.8

Manual Integrations
APPROVED

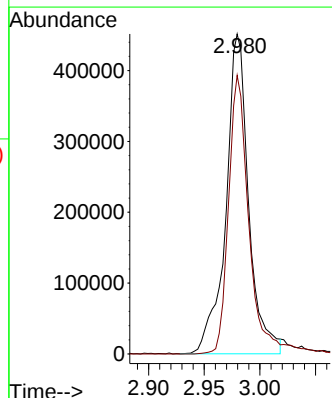
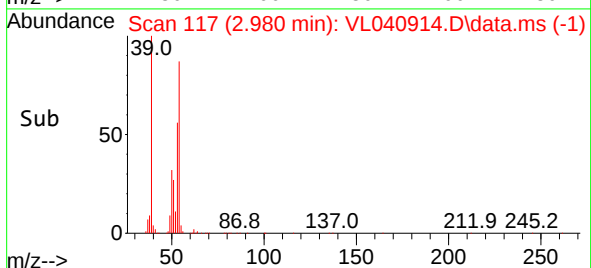
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

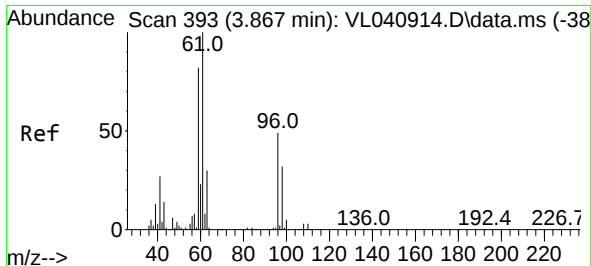


#16
1,3-Butadiene
Concen: 9.488 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



Tgt Ion: 39 Resp: 641901
Ion Ratio Lower Upper
39 100
54 79.7 63.8 95.6





#17

tert-Butyl alcohol

Concen: 9.457 ppbv

RT: 3.867 min Scan# 393

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 1099210

Ion Ratio Lower Upper

59 100

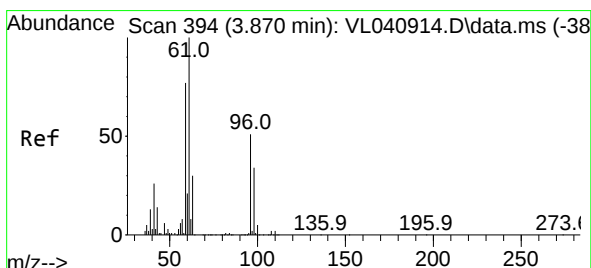
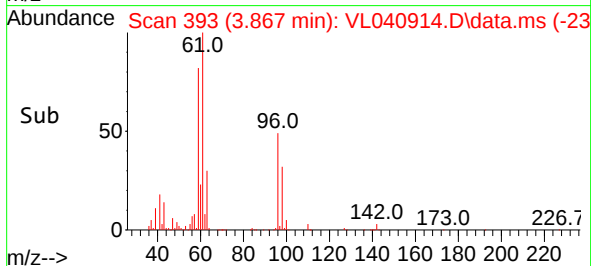
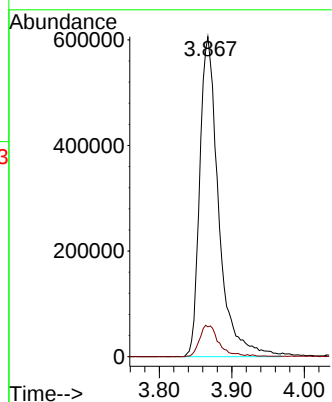
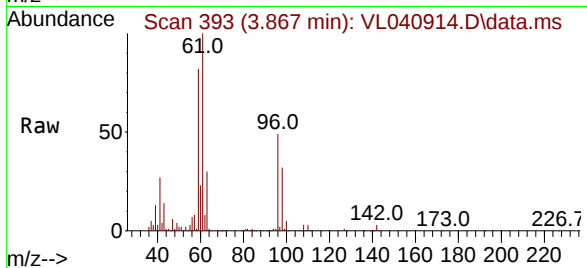
57 10.4 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#18

1,1-Dichloroethene

Concen: 8.974 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

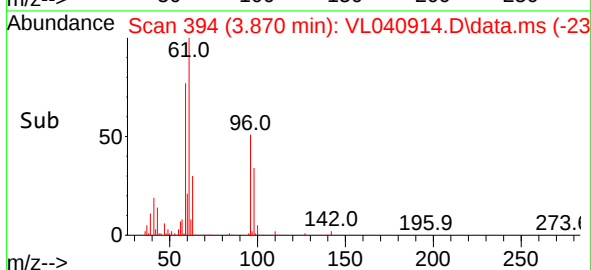
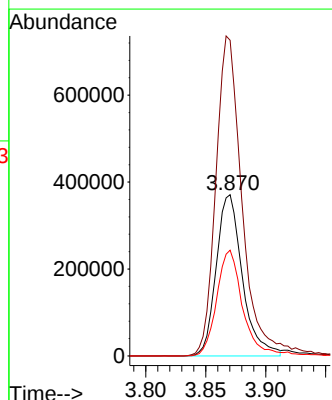
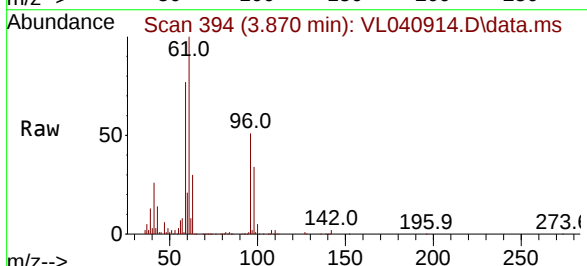
Tgt Ion: 96 Resp: 561368

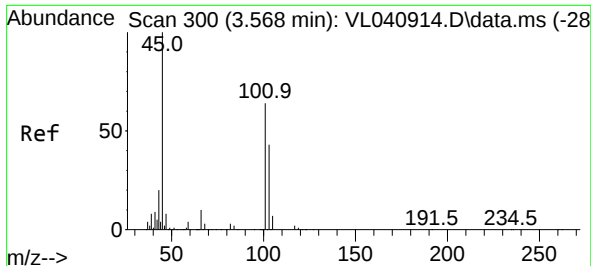
Ion Ratio Lower Upper

96 100

61 195.8 156.6 235.0

98 65.6 52.5 78.7





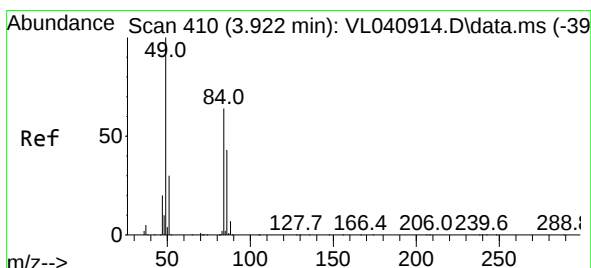
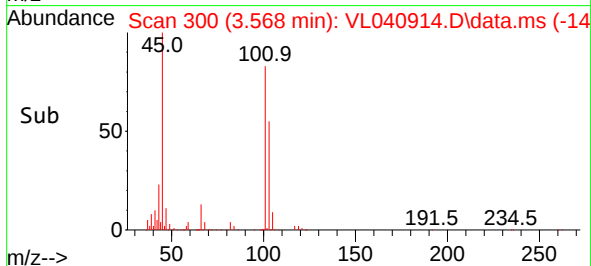
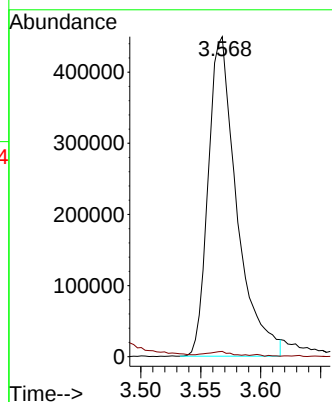
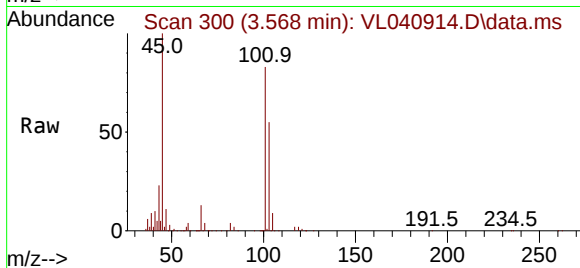
#19
Isopropyl Alcohol
Concen: 8.936 ppbv
RT: 3.568 min Scan# 300
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 742300
Ion Ratio Lower Upper
45 100
58 1.9 1.5 2.3

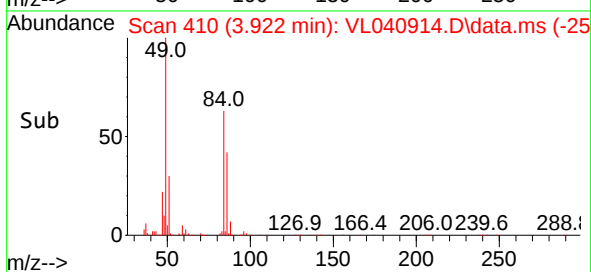
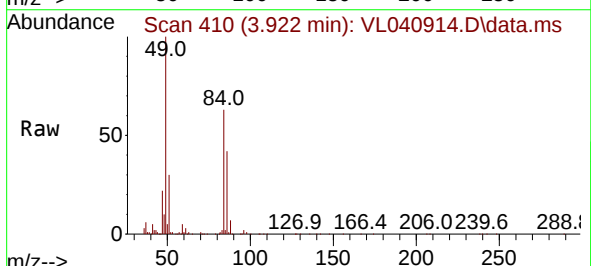
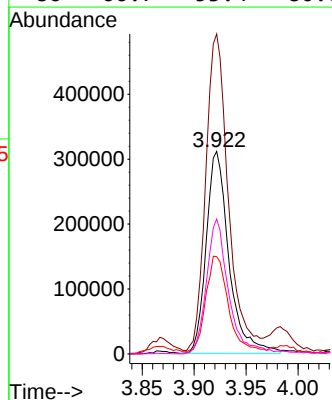
Manual Integrations
APPROVED

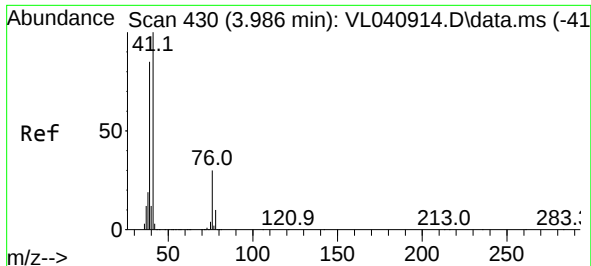
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#20
Methylene Chloride
Concen: 8.390 ppbv
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 84 Resp: 474833
Ion Ratio Lower Upper
84 100
49 155.8 124.6 187.0
51 46.5 37.2 55.8
86 66.7 53.4 80.0





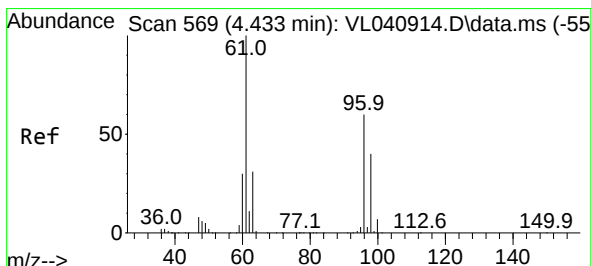
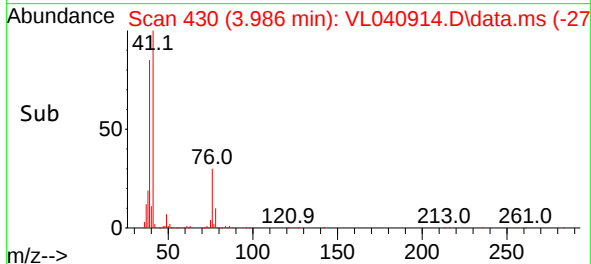
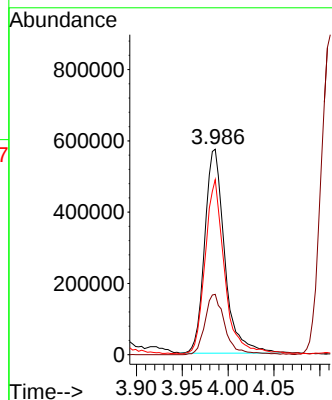
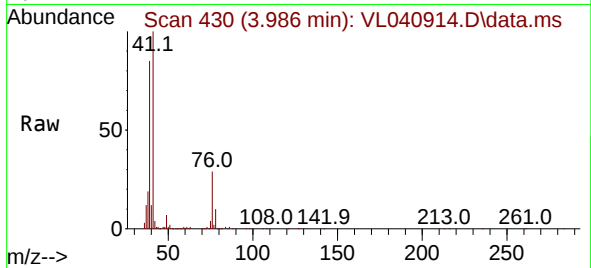
#21
 Allyl Chloride
 Concen: 9.346 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 868035
 Ion Ratio Lower Upper
 41 100
 76 29.9 23.9 35.9
 39 83.1 66.5 99.7

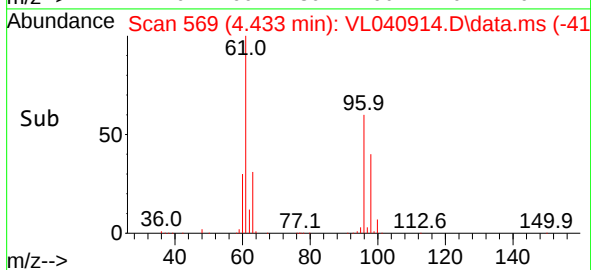
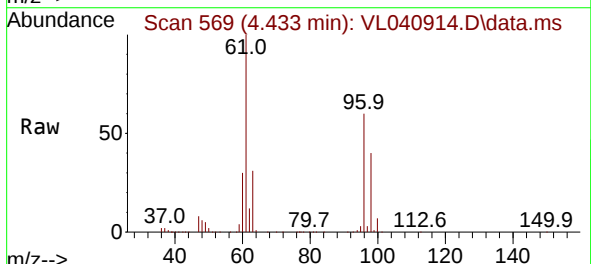
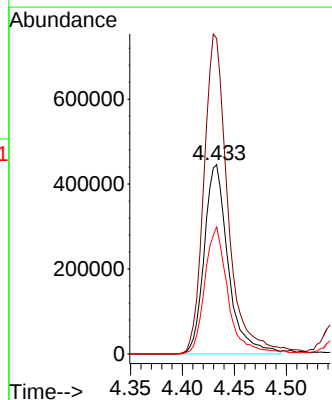
Manual Integrations
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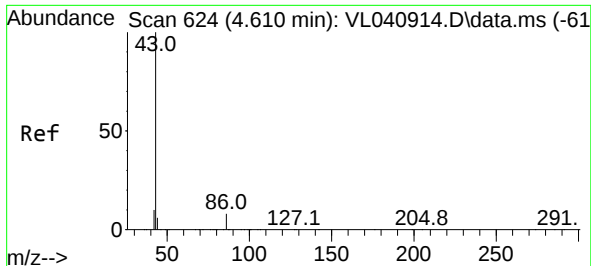
Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.949 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

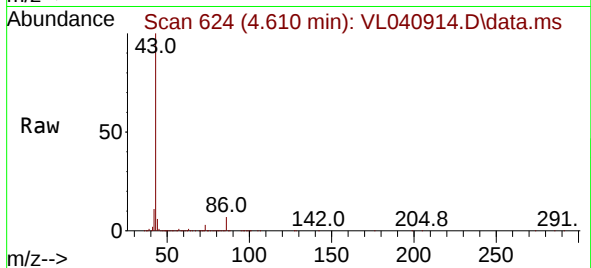
Tgt Ion: 96 Resp: 717215
 Ion Ratio Lower Upper
 96 100
 61 166.3 133.0 199.6
 98 67.1 53.7 80.5





#23
 Vinyl Acetate
 Concen: 10.333 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

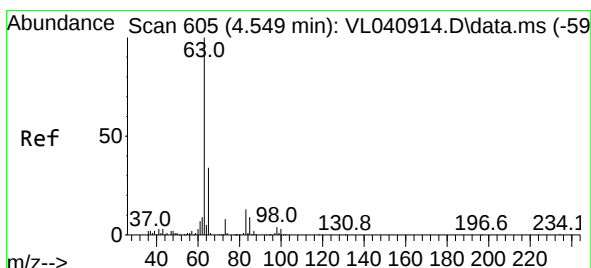
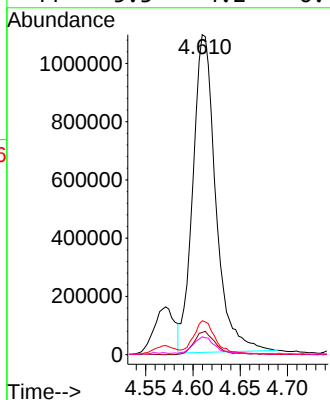
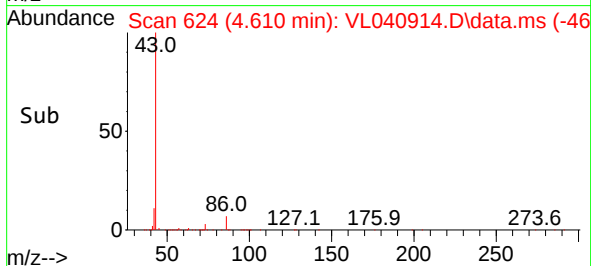
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



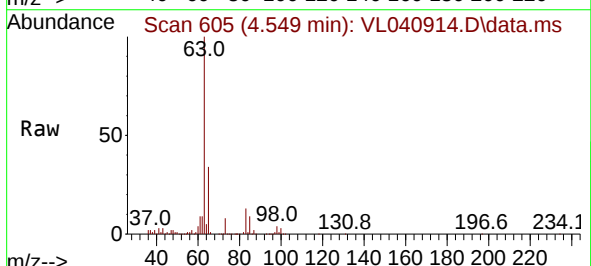
Tgt Ion: 43 Resp: 1834958
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.5 8.3
 42 10.5 8.4 12.6
 44 5.3 4.2 6.4

Manual Integrations
 APPROVED

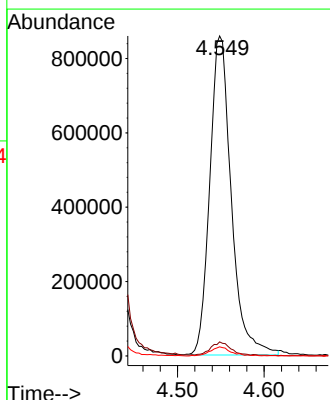
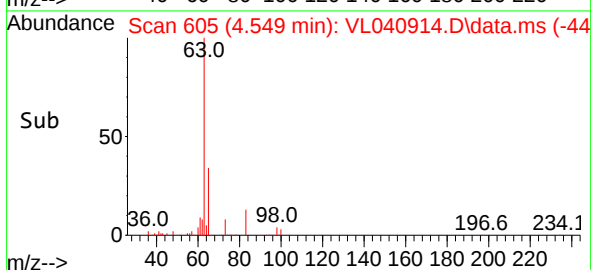
Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

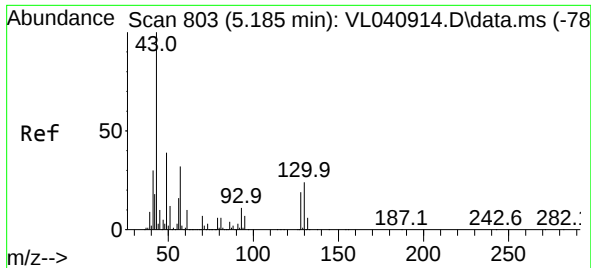


#24
 1,1-Dichloroethane
 Concen: 9.556 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07



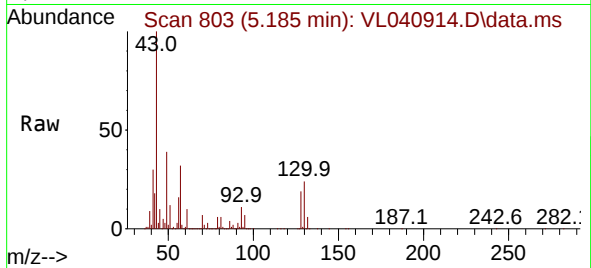
Tgt Ion: 63 Resp: 1481600
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.5
 100 2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 9.558 ppbv
RT: 5.185 min Scan# 803
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

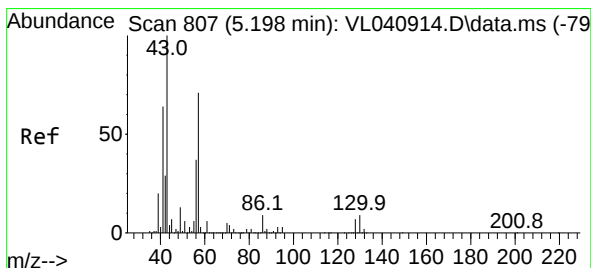
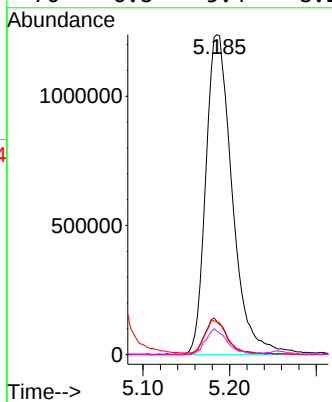
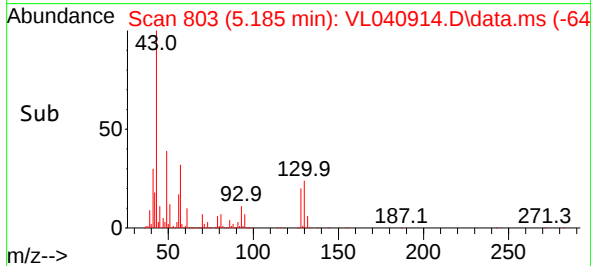
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 260226
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.5 7.6 11.4
70 6.8 5.4 8.2

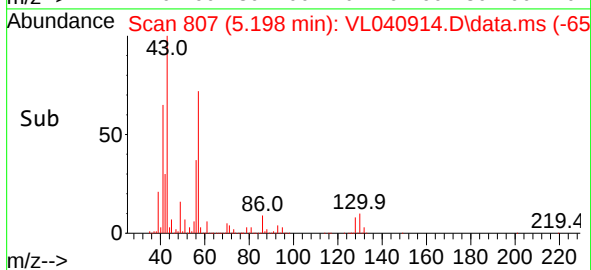
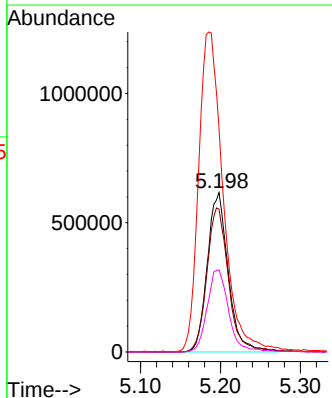
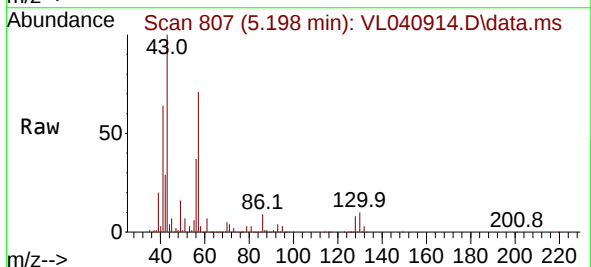
Manual Integrations
APPROVED

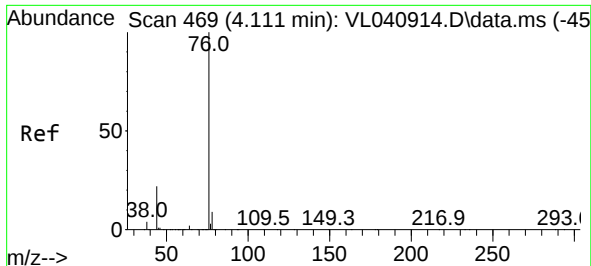
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#26
Hexane
Concen: 9.235 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

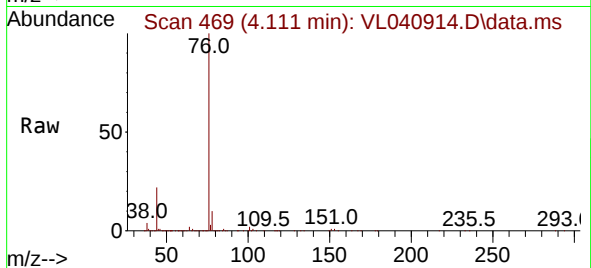
Tgt Ion: 57 Resp: 1122301
Ion Ratio Lower Upper
57 100
41 94.0 75.2 112.8
43 235.0 188.0 282.0
56 52.9 42.3 63.5





#27
Carbon Disulfide
Concen: 8.772 ppbv
RT: 4.111 min Scan# 409
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

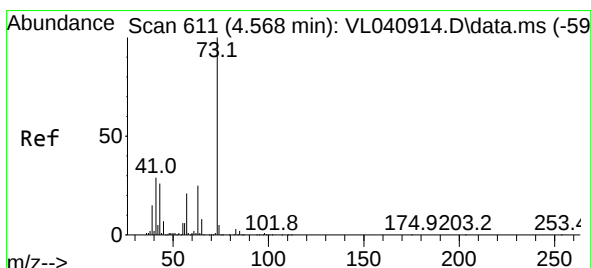
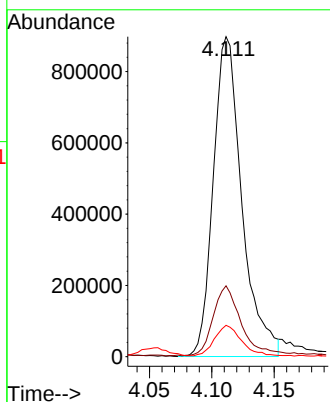
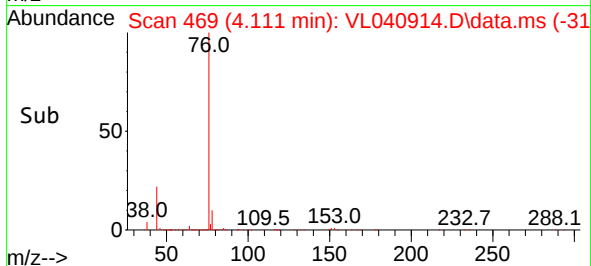
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



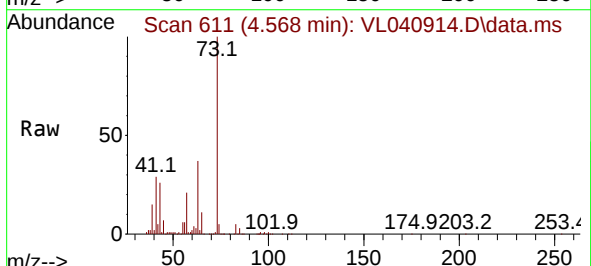
Tgt Ion: 76 Resp: 143253
Ion Ratio Lower Upper
76 100
44 23.0 18.4 27.6
78 9.9 7.9 11.9

Manual Integrations
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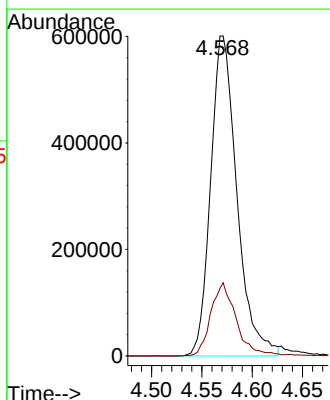
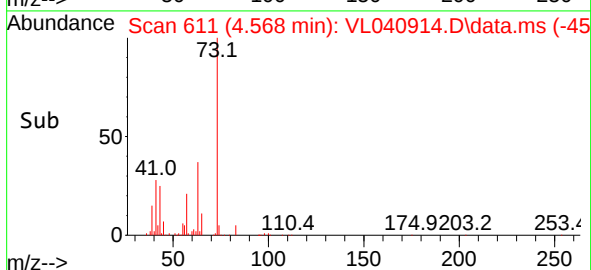
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

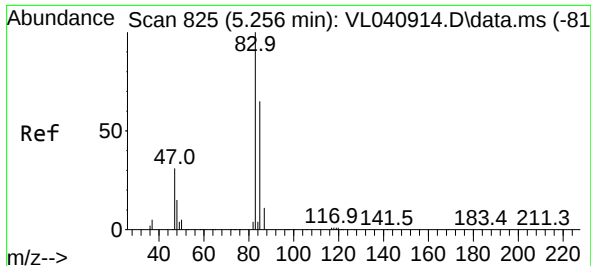


#28
Methyl tert-Butyl Ether
Concen: 9.761 ppbv
RT: 4.568 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



Tgt Ion: 73 Resp: 1092960
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0





#29

Chloroform

Concen: 9.236 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 188071

Ion Ratio Lower Upper

83 100

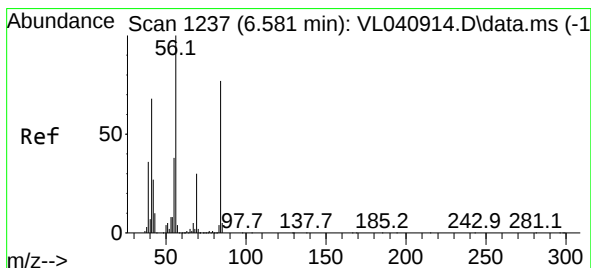
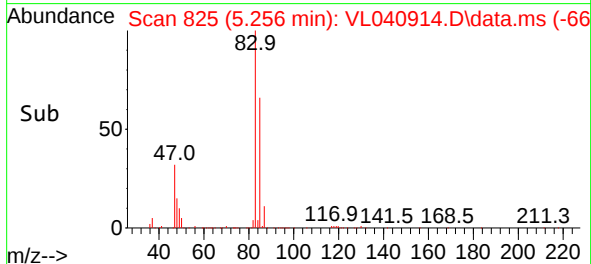
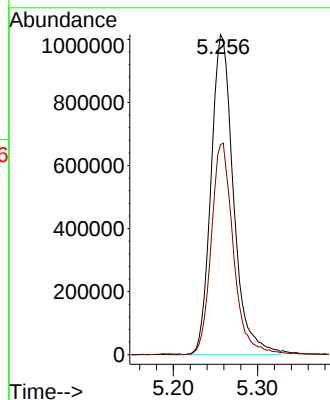
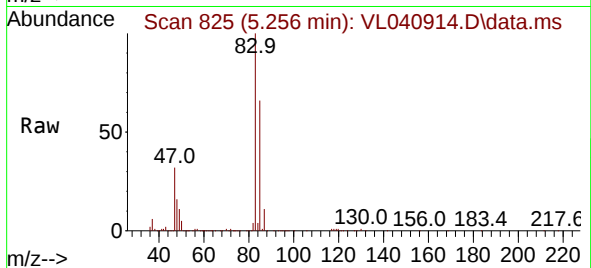
85 65.4 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#30

Cyclohexane

Concen: 9.551 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

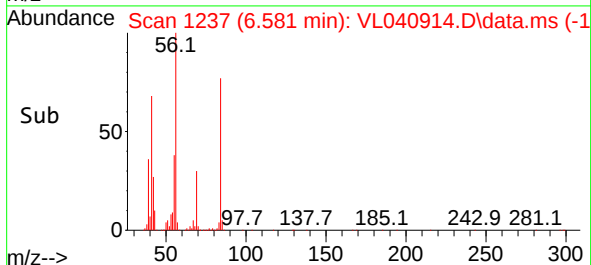
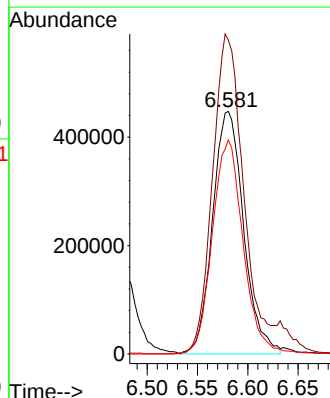
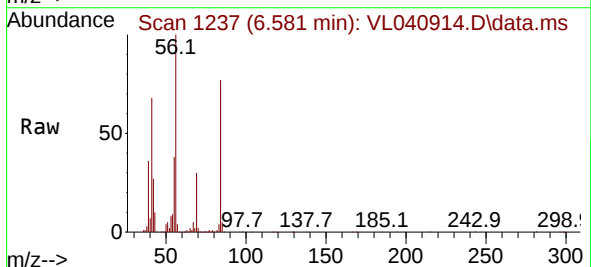
Tgt Ion: 84 Resp: 960775

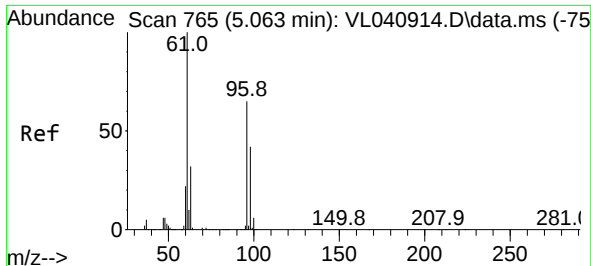
Ion Ratio Lower Upper

84 100

56 139.3 111.4 167.2

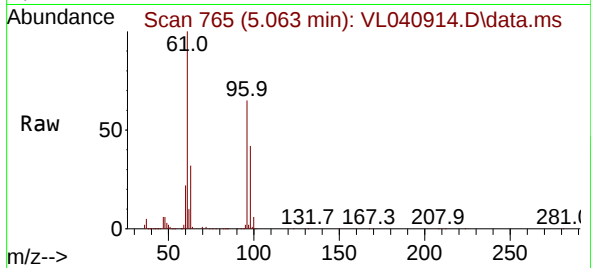
41 87.5 70.0 105.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.623 ppbv
 RT: 5.063 min Scan# 765
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

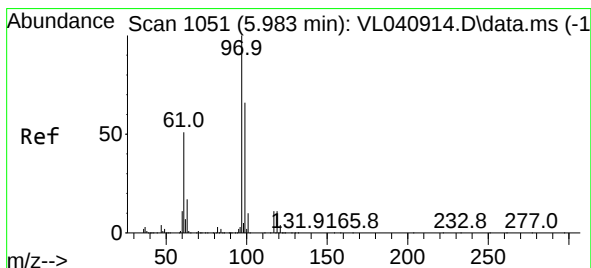
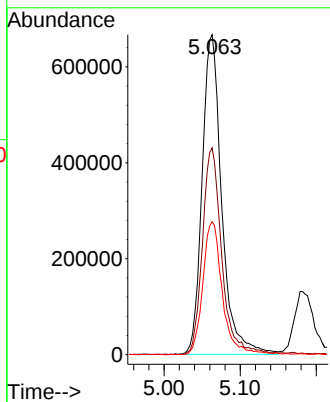
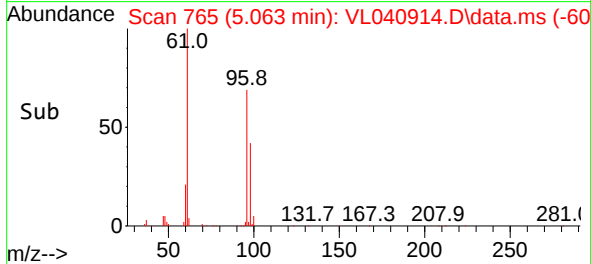
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



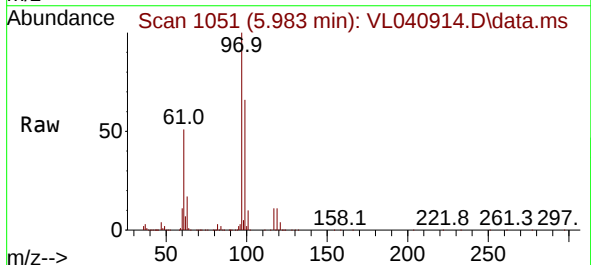
Tgt Ion: 61 Resp: 1192729
 Ion Ratio Lower Upper
 61 100
 96 64.6 51.7 77.5
 98 41.5 33.2 49.8

Manual Integrations
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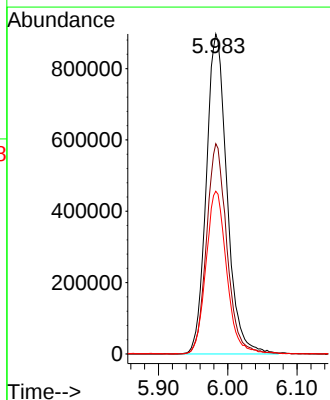
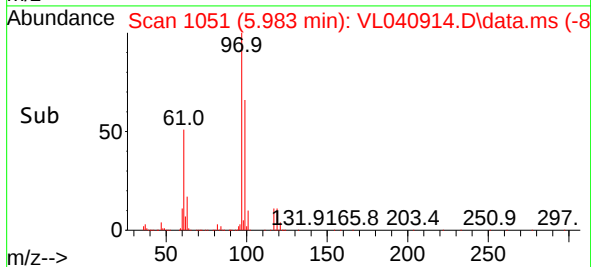
Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

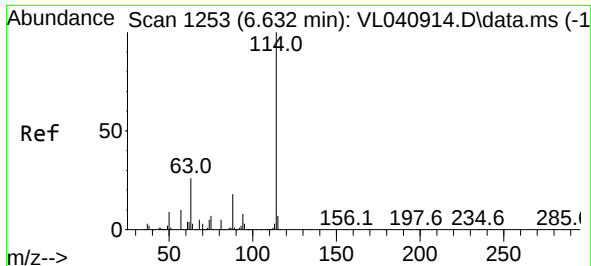


#32
 1,1,1-Trichloroethane
 Concen: 9.598 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07



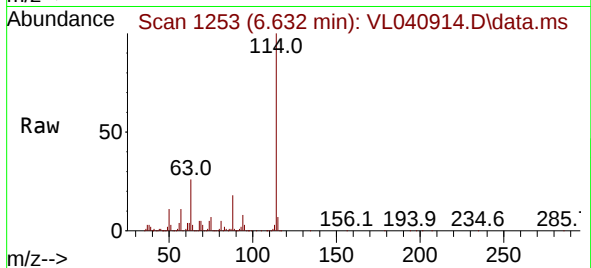
Tgt Ion: 97 Resp: 1862090
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 51.3 41.0 61.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

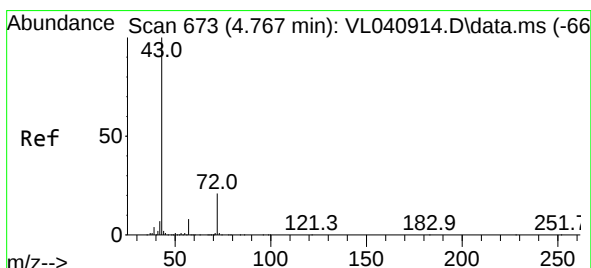
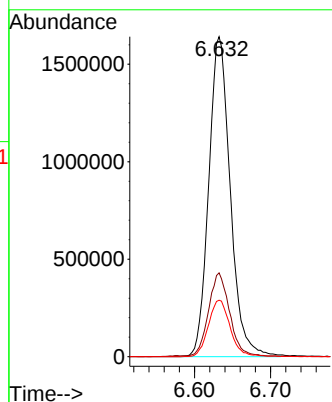
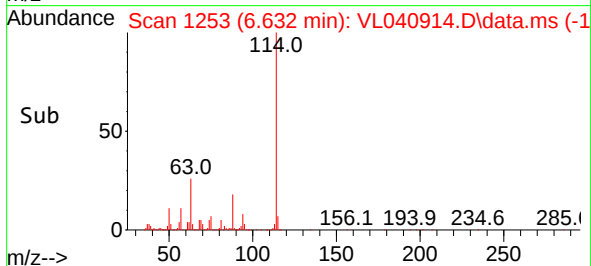
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 3229260
Ion Ratio Lower Upper
114 100
63 26.3 21.0 31.6
88 17.9 14.3 21.5

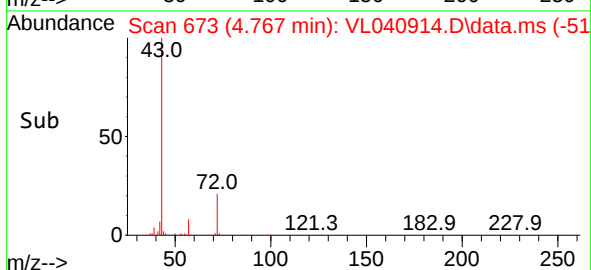
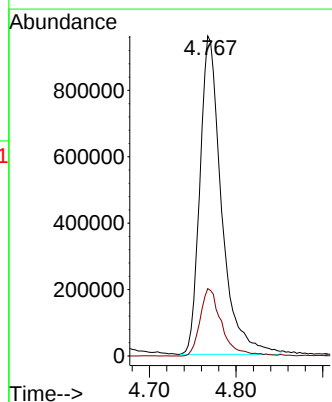
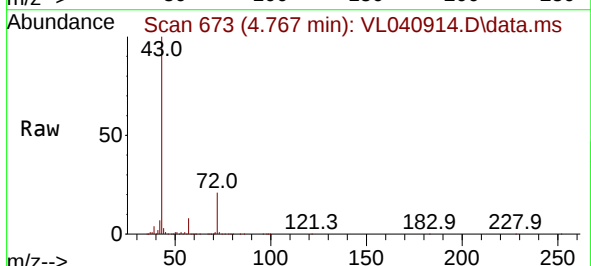
Manual Integrations
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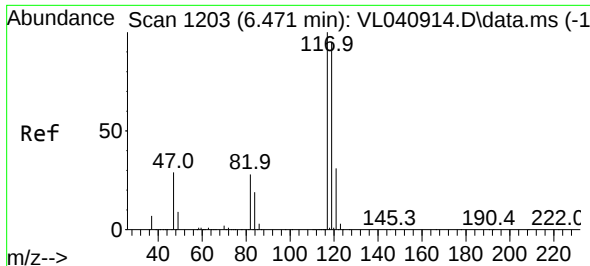
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#34
2-Butanone
Concen: 9.732 ppbv
RT: 4.767 min Scan# 673
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

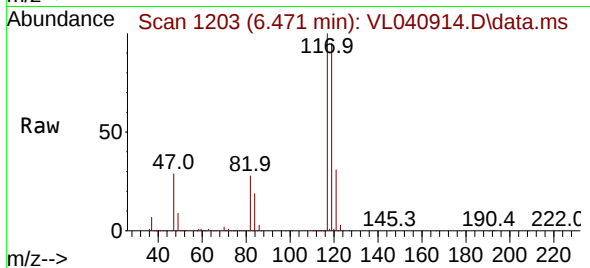
Tgt Ion: 43 Resp: 1662461
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8





#35
Carbon Tetrachloride
Concen: 9.822 ppbv
RT: 6.471 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

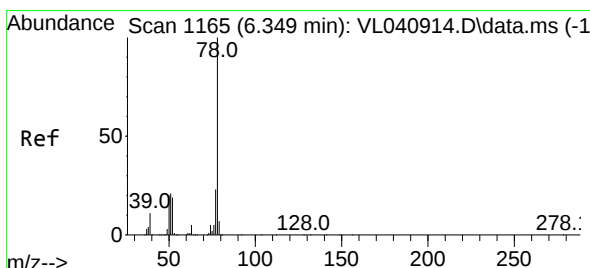
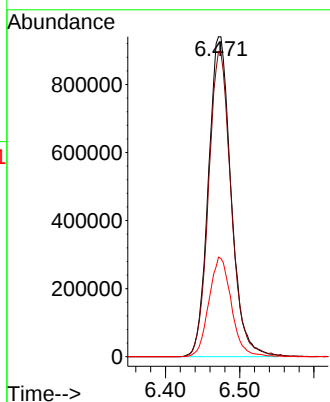
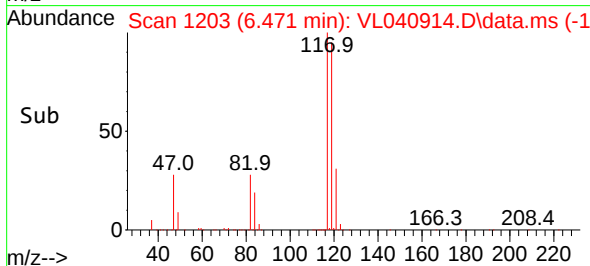
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



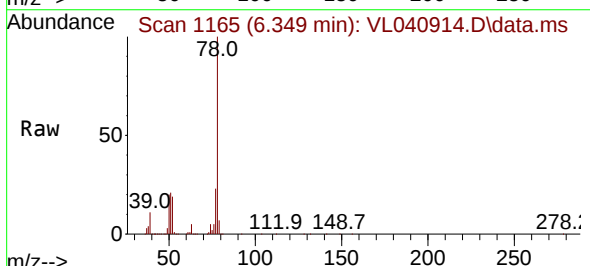
Tgt Ion: 117 Resp: 1994229
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
121 31.1 24.9 37.3

Manual Integrations
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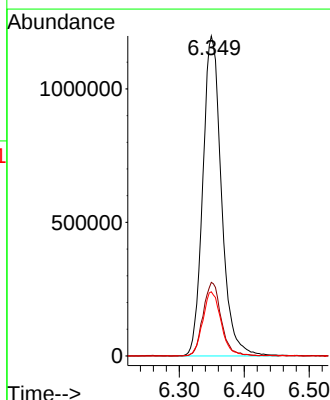
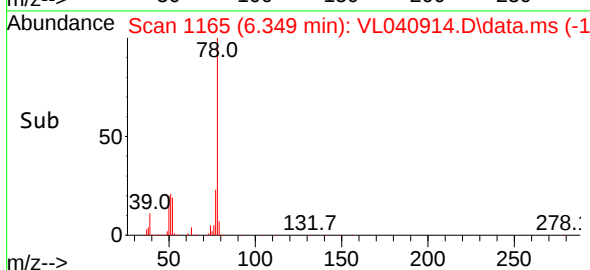
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

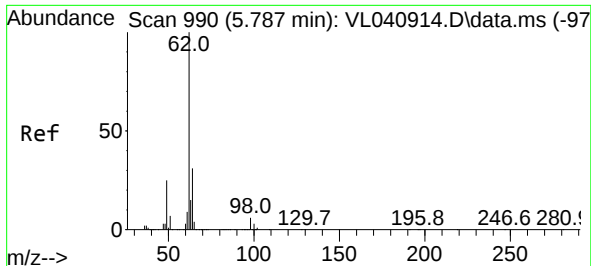


#36
Benzene
Concen: 9.488 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



Tgt Ion: 78 Resp: 2395149
Ion Ratio Lower Upper
78 100
77 23.0 18.4 27.6
50 20.0 16.0 24.0





#37

1,2-Dichloroethane

Concen: 9.603 ppbv

RT: 5.787 min Scan# 990

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 62 Resp: 145251

Ion Ratio Lower Upper

62 100

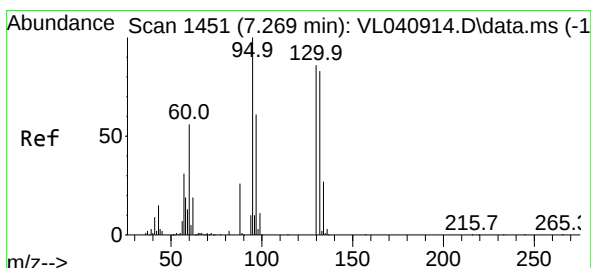
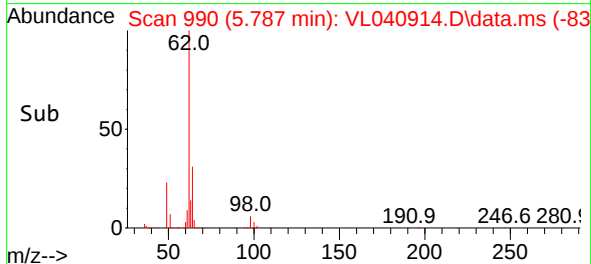
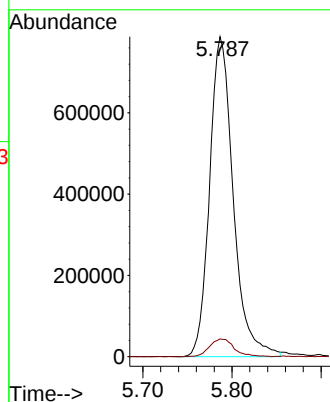
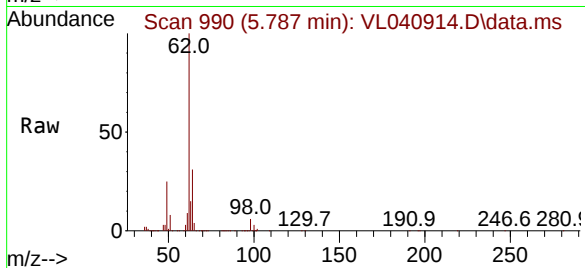
98 5.8 4.6 7.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#38

Trichloroethene

Concen: 9.296 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Tgt Ion:130 Resp: 902630

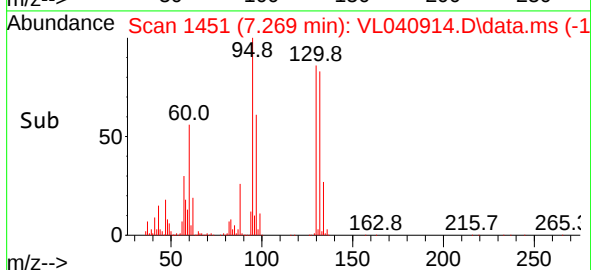
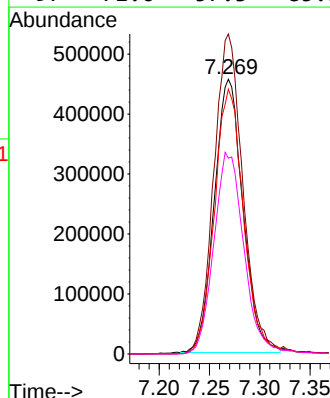
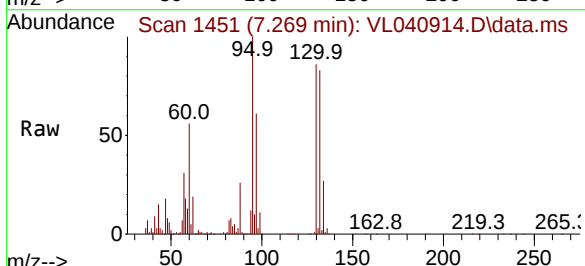
Ion Ratio Lower Upper

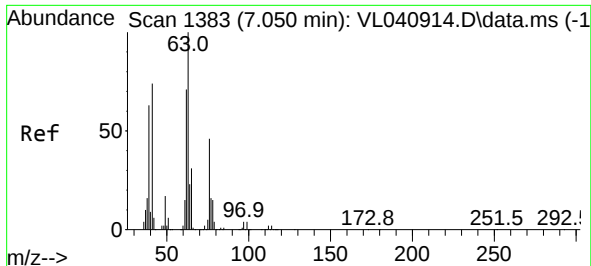
130 100

95 116.9 93.5 140.3

132 96.8 77.4 116.2

97 71.6 57.3 85.9





#39

1,2-Dichloropropane

Concen: 9.412 ppbv

RT: 7.050 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 93629

Ion Ratio Lower Upper

63 100

41 73.8 59.0 88.6

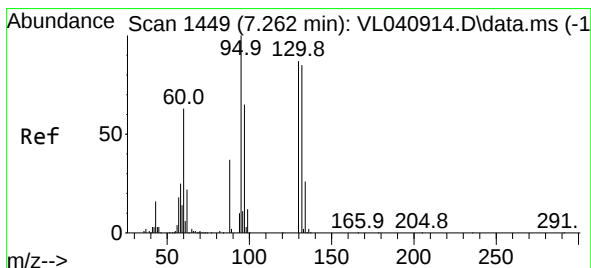
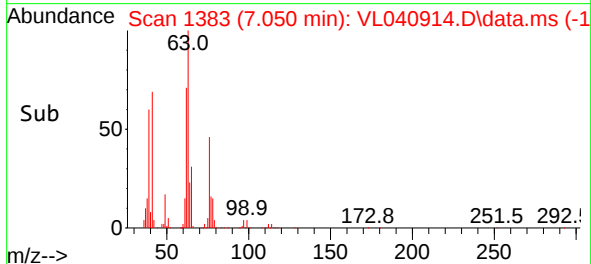
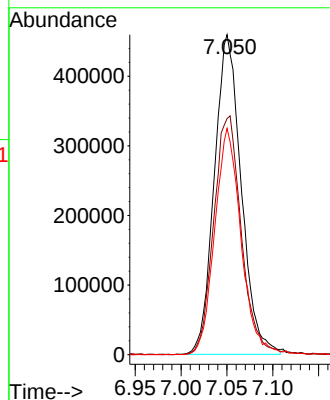
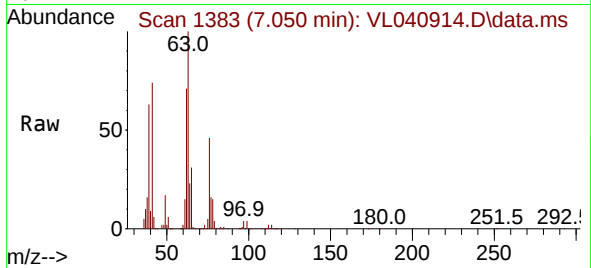
62 70.8 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#40

1,4-Dioxane

Concen: 9.099 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Tgt Ion: 88 Resp: 374550

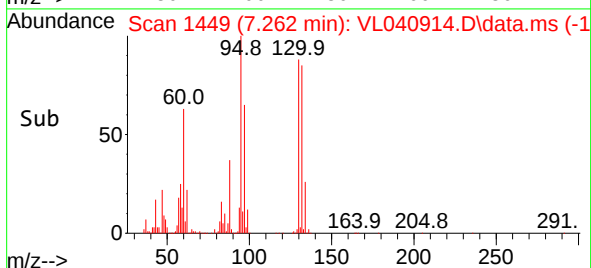
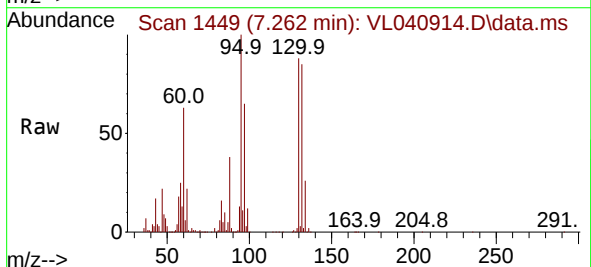
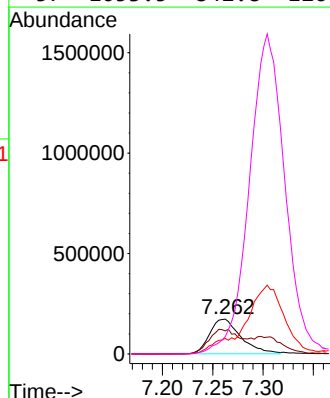
Ion Ratio Lower Upper

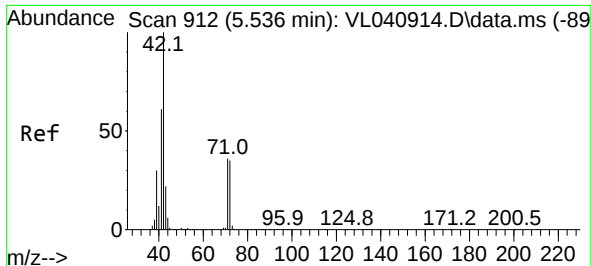
88 100

58 121.6 97.3 145.9

43 250.7 200.6 300.8

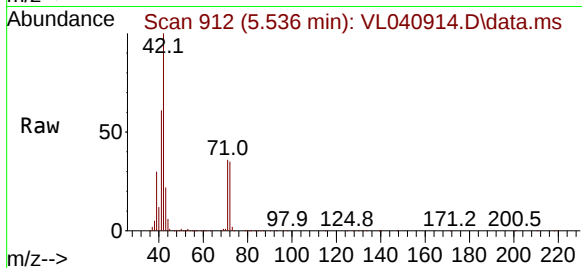
57 1053.5 842.8 1264.2





#41
Tetrahydrofuran
Concen: 9.709 ppbv
RT: 5.536 min Scan# 912
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

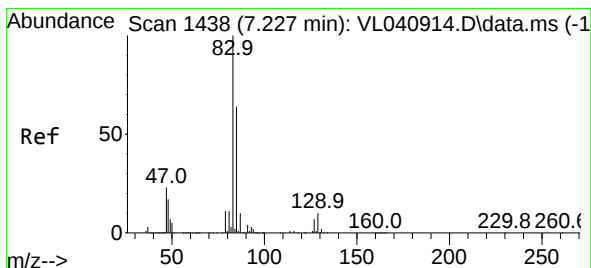
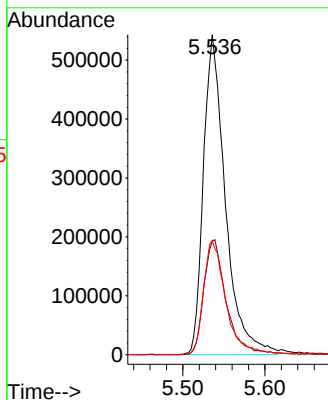
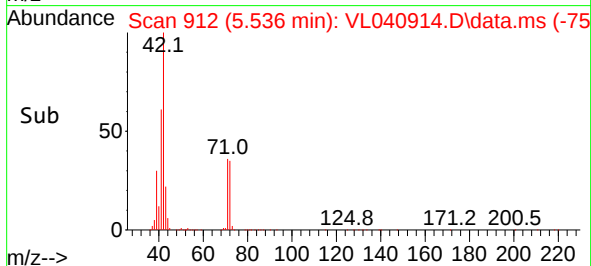
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



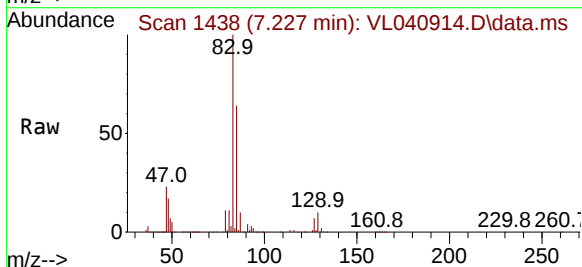
Tgt Ion: 42 Resp: 100659
Ion Ratio Lower Upper
42 100
72 37.0 29.6 44.4
71 36.4 29.1 43.7

Manual Integrations
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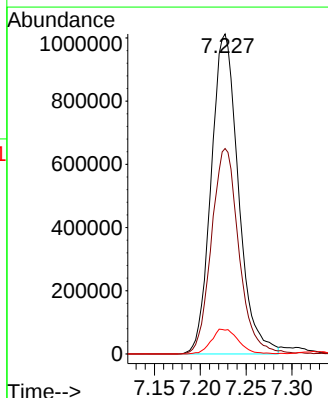
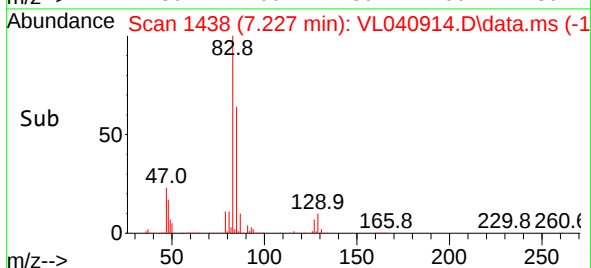
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

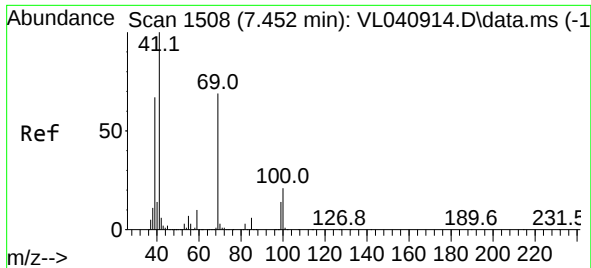


#42
Bromodichloromethane
Concen: 9.593 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



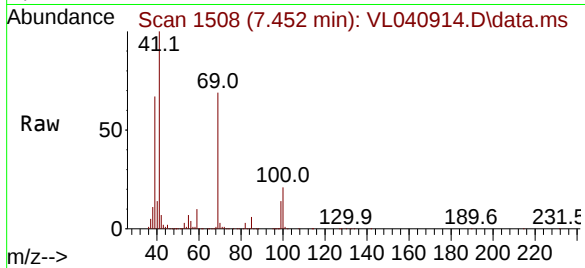
Tgt Ion: 83 Resp: 2092775
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.0
127 7.4 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.213 ppbv
RT: 7.452 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

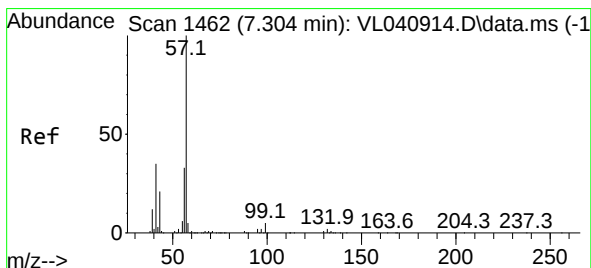
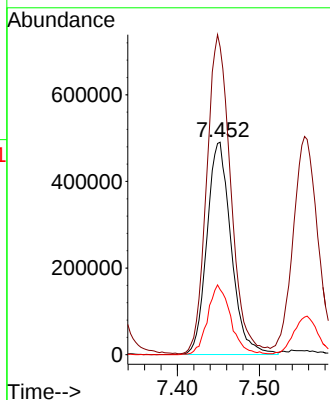
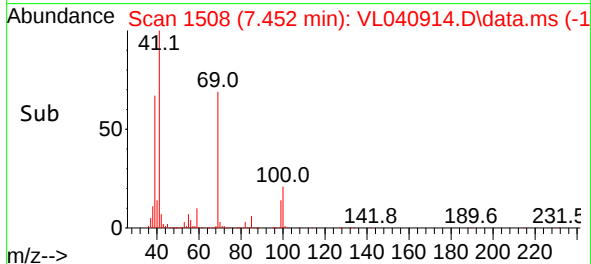
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



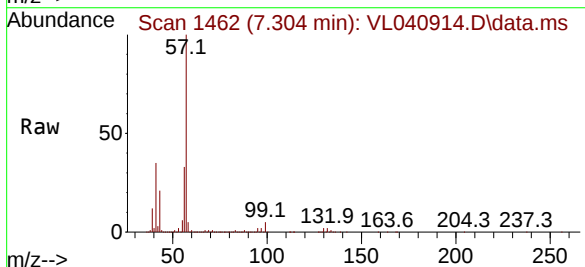
Tgt Ion: 69 Resp: 1005270
Ion Ratio Lower Upper
69 100
41 149.9 119.9 179.9
100 31.4 25.1 37.7

Manual Integrations
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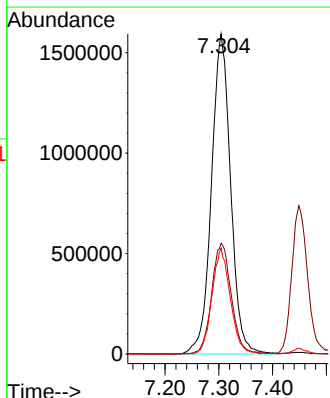
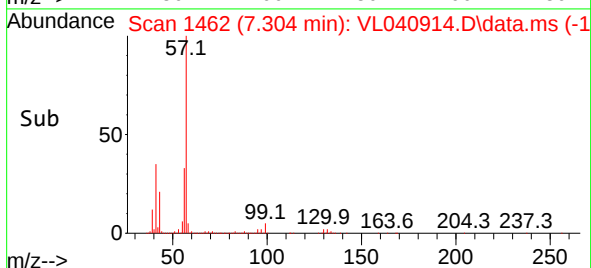
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

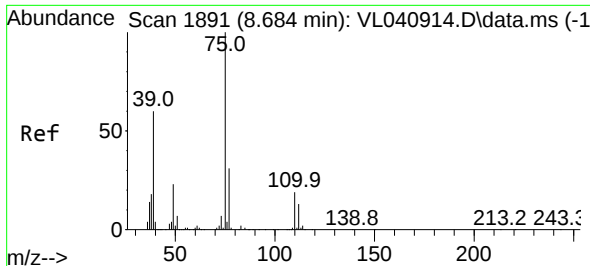


#44
2,2,4-Trimethylpentane
Concen: 9.199 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



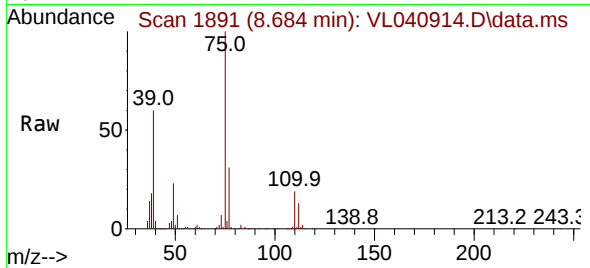
Tgt Ion: 57 Resp: 3944486
Ion Ratio Lower Upper
57 100
41 35.3 28.2 42.4
56 31.6 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 11.240 ppbv
RT: 8.684 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

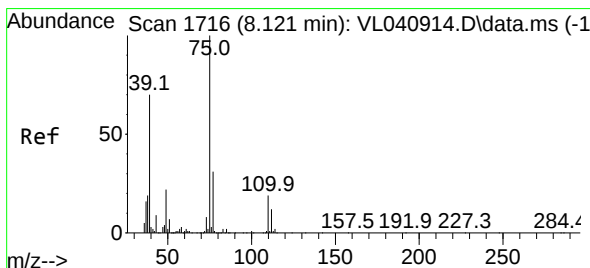
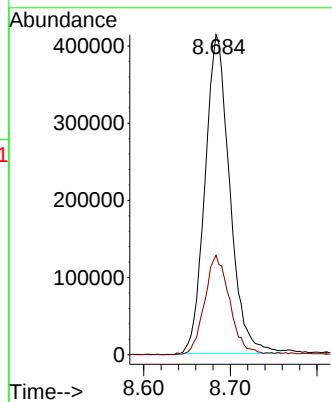
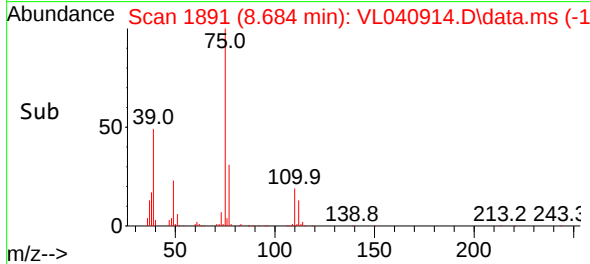
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 75 Resp: 82041
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2

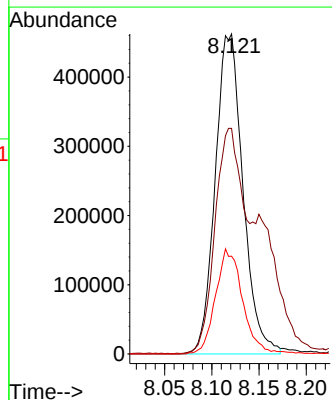
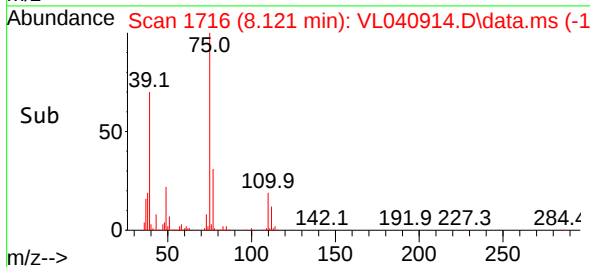
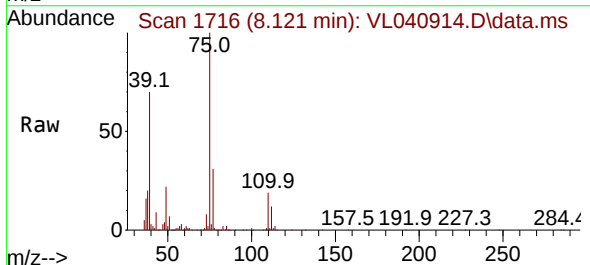
Manual Integrations
APPROVED

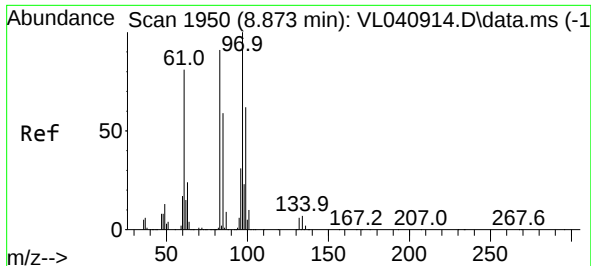
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#46
cis-1,3-Dichloropropene
Concen: 10.385 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

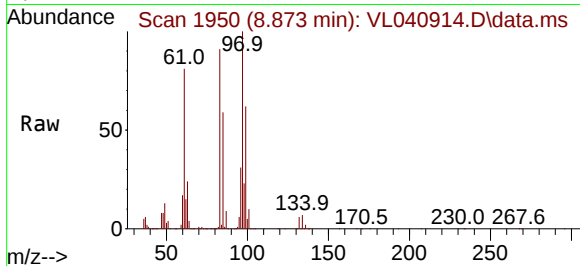
Tgt Ion: 75 Resp: 943993
Ion Ratio Lower Upper
75 100
39 70.3 56.2 84.4
77 30.6 24.5 36.7





#47
1,1,2-Trichloroethane
Concen: 9.279 ppbv
RT: 8.873 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

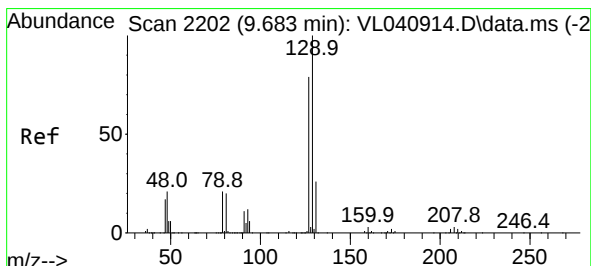
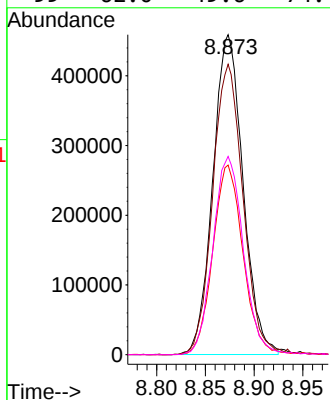
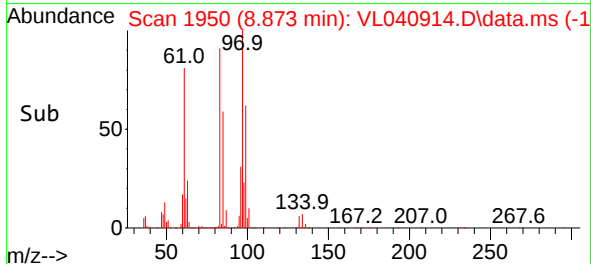
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 98775
Ion Ratio Lower Upper
97 100
83 90.7 72.6 108.8
85 59.2 47.4 71.0
99 62.0 49.6 74.4

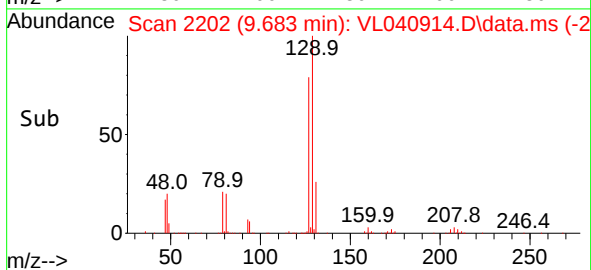
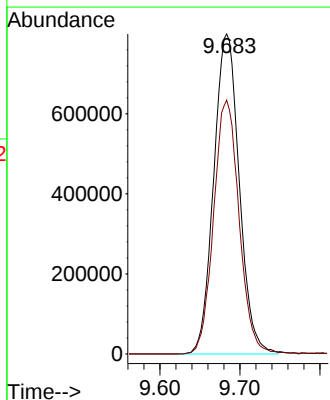
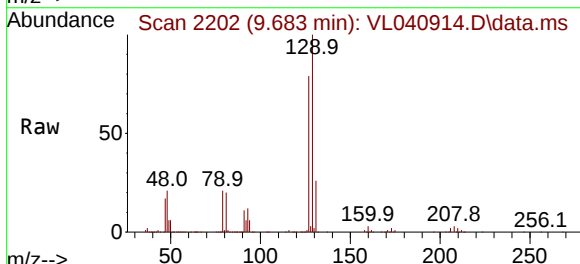
Manual Integrations
APPROVED

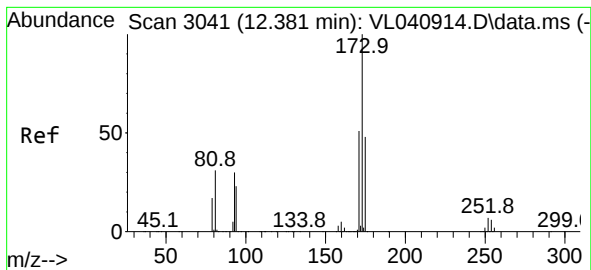
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#48
Dibromochloromethane
Concen: 9.857 ppbv
RT: 9.683 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Tgt Ion:129 Resp: 1771818
Ion Ratio Lower Upper
129 100
127 79.3 39.6 119.0





#49

Bromoform

Concen: 10.232 ppbv

RT: 12.381 min Scan# 3041

Delta R.T. 0.000 min

Lab File: VL040914.D

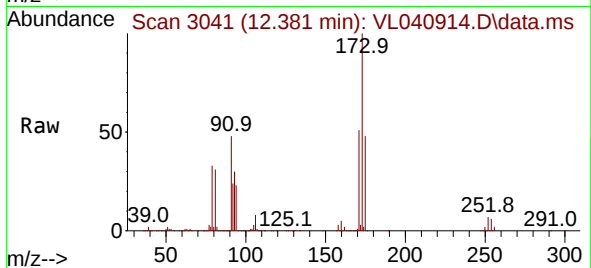
Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion: 173 Resp: 1423200

Ion Ratio Lower Upper

173 100

175 49.1 39.3 58.9

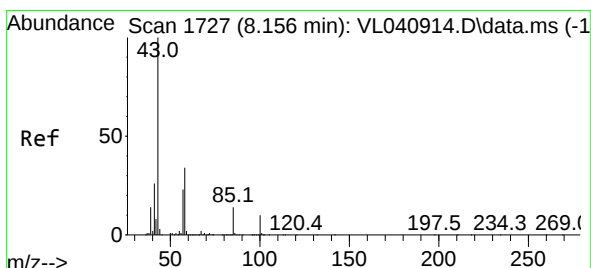
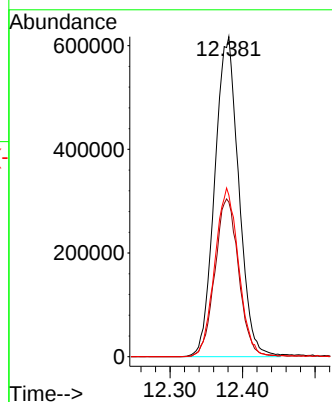
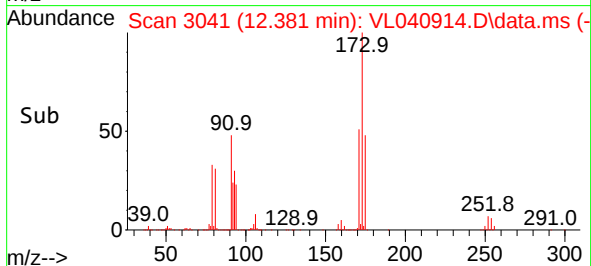
171 52.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#50

4-Methyl-2-Pentanone

Concen: 9.708 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL040914.D

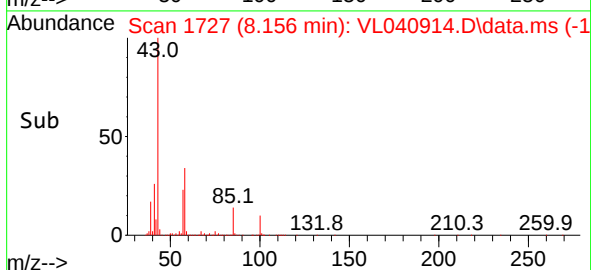
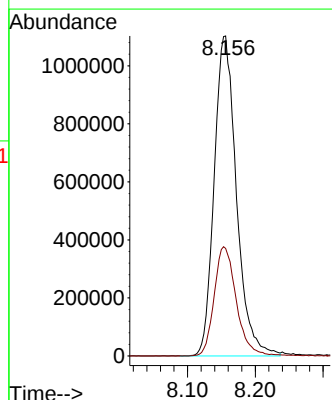
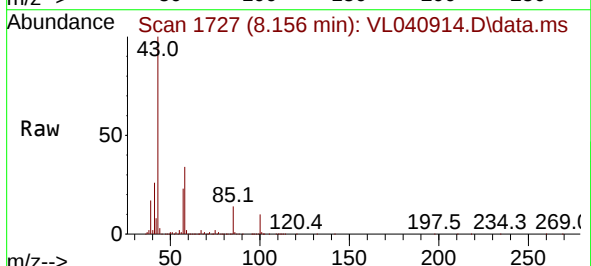
Acq: 20 Dec 2023 11:07

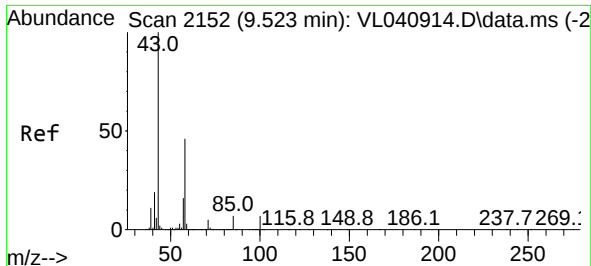
Tgt Ion: 43 Resp: 2517427

Ion Ratio Lower Upper

43 100

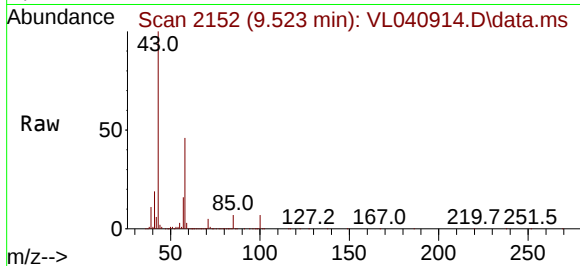
58 34.2 27.4 41.0





#51
2-Hexanone
Concen: 10.121 ppbv
RT: 9.523 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

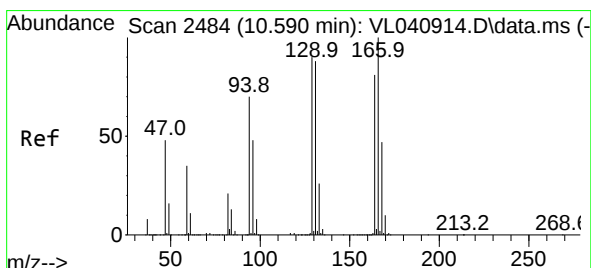
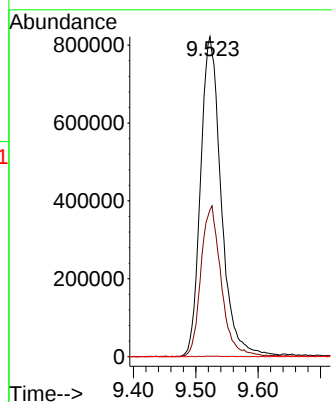
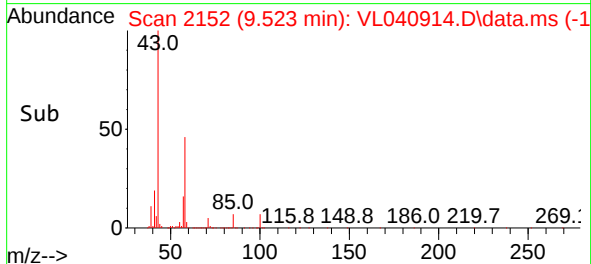
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 188792
Ion Ratio Lower Upper
43 100
58 46.6 37.3 55.9
98 0.2 0.2 0.2

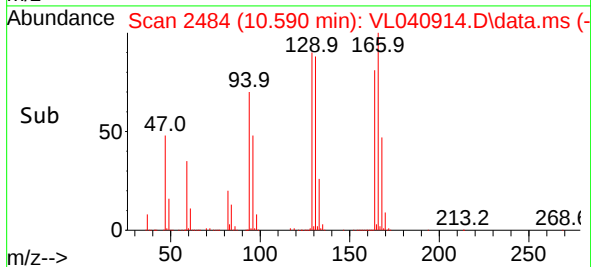
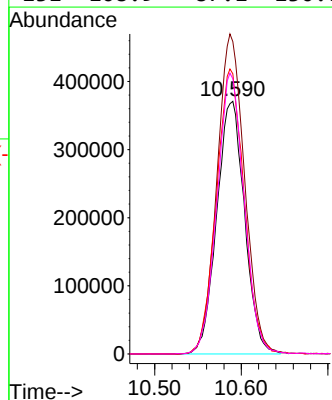
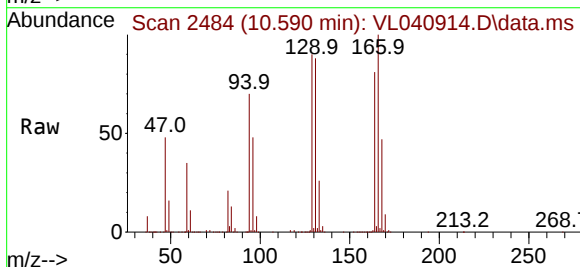
Manual Integrations
APPROVED

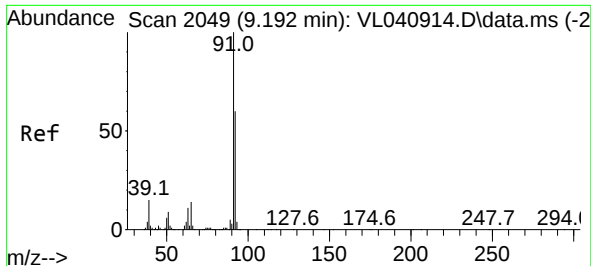
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#52
Tetrachloroethene
Concen: 9.708 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

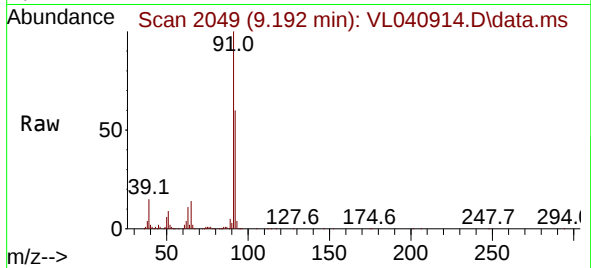
Tgt Ion:164 Resp: 826416
Ion Ratio Lower Upper
164 100
166 123.6 98.9 148.3
129 110.9 88.7 133.1
131 108.9 87.1 130.7





#53
Toluene
Concen: 9.645 ppbv
RT: 9.192 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

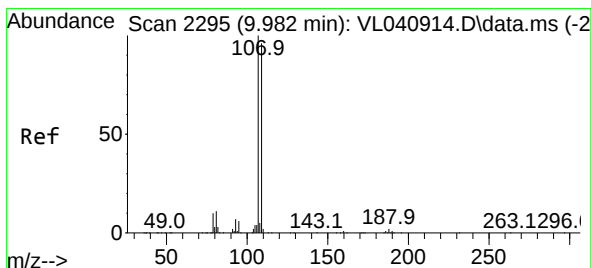
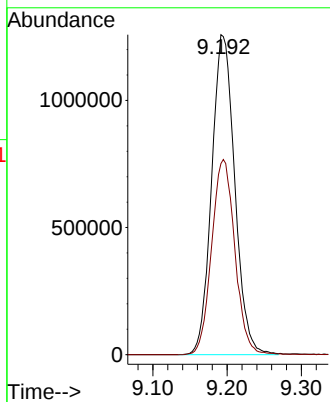
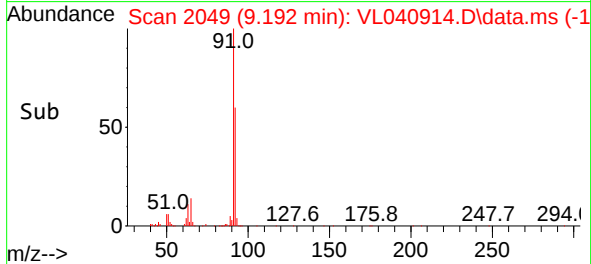
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



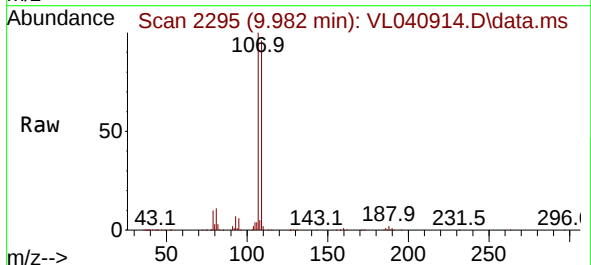
Tgt Ion: 91 Resp: 2720470
Ion Ratio Lower Upper
91 100
92 61.5 49.2 73.8

Manual Integrations
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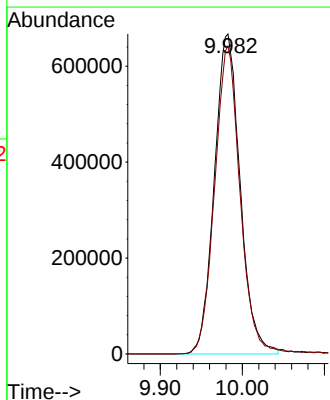
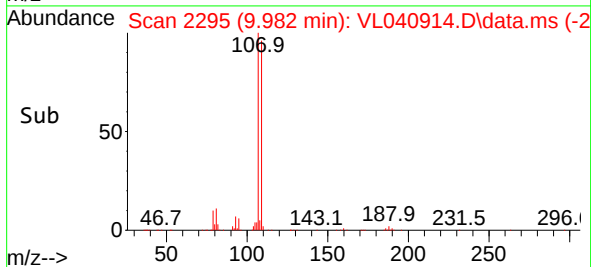
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

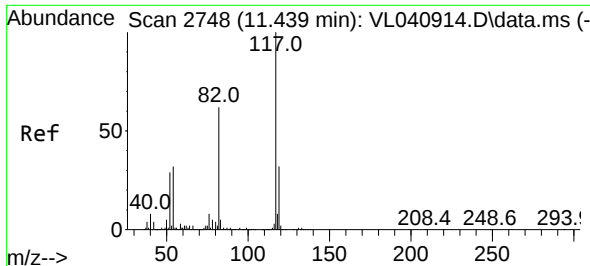


#54
1,2-Dibromoethane
Concen: 10.031 ppbv
RT: 9.982 min Scan# 2295
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



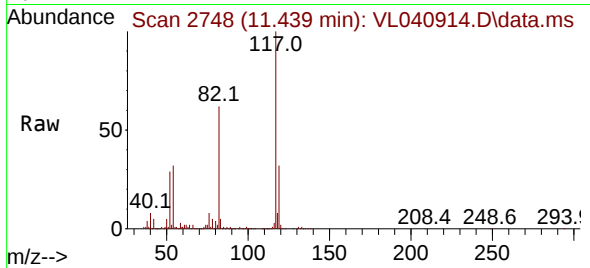
Tgt Ion:107 Resp: 1457889
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.439 min Scan# 2748
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

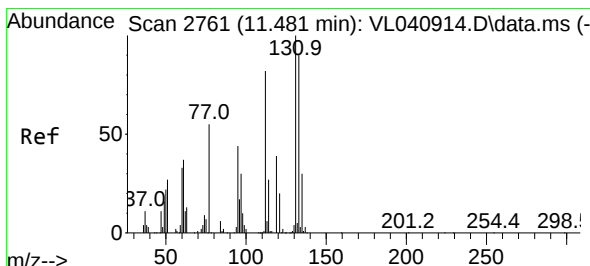
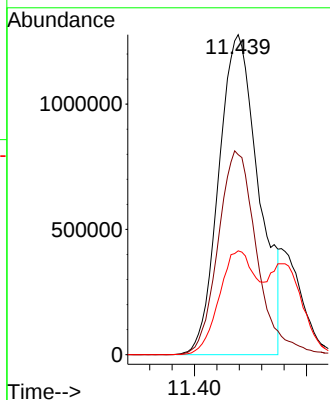
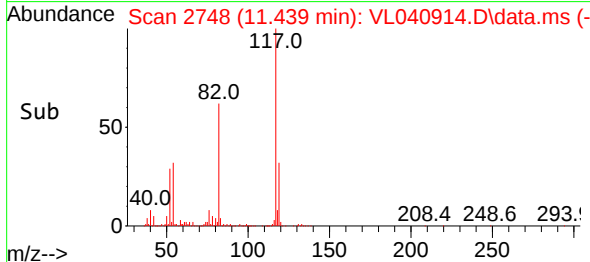
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 3165364
Ion Ratio Lower Upper
117 100
82 62.1 49.6 74.4
119 29.2 23.4 35.0

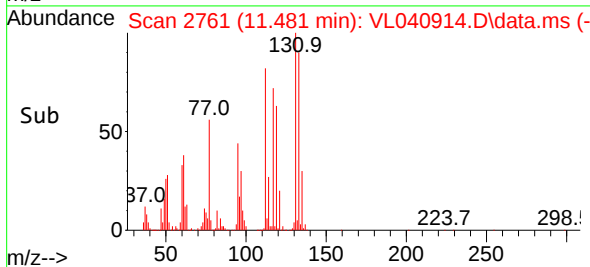
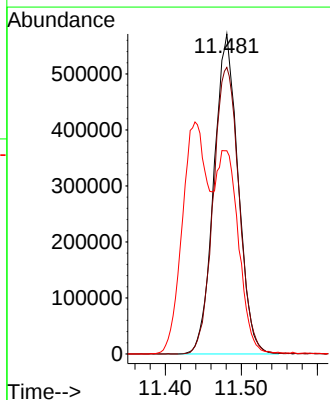
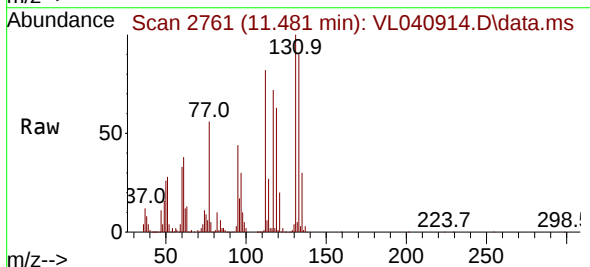
Manual Integrations
APPROVED

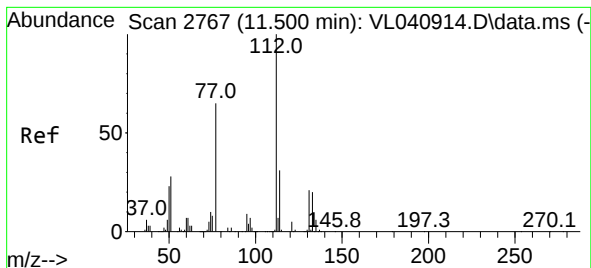
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 9.142 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

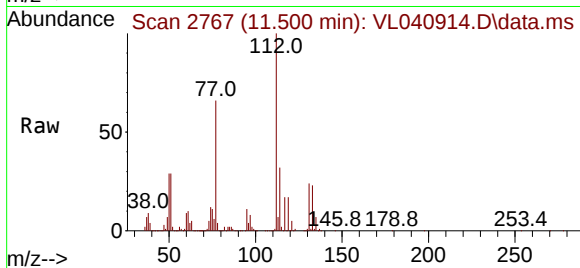
Tgt Ion:131 Resp: 1265354
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 60.8 48.6 73.0





#57
Chlorobenzene
Concen: 8.910 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

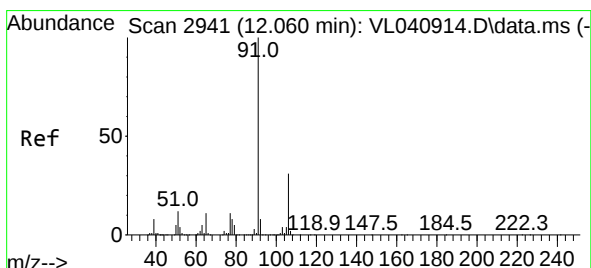
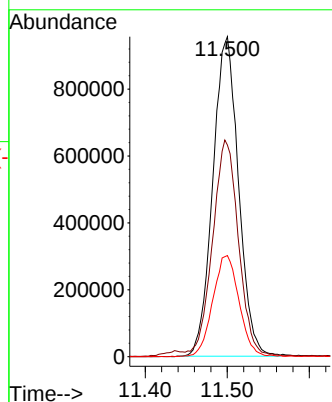
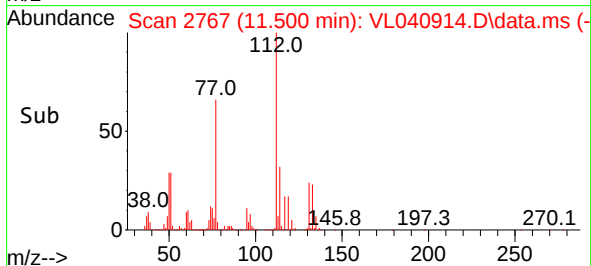
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:112 Resp: 208135
Ion Ratio Lower Upper
112 100
77 65.9 52.7 79.1
114 31.5 28.4 34.7

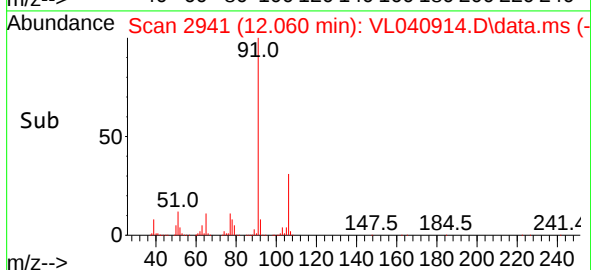
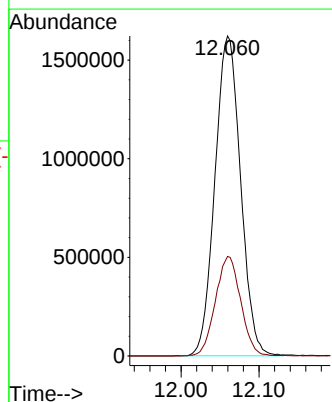
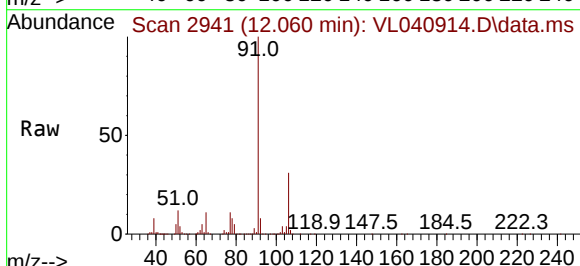
Manual Integrations
APPROVED

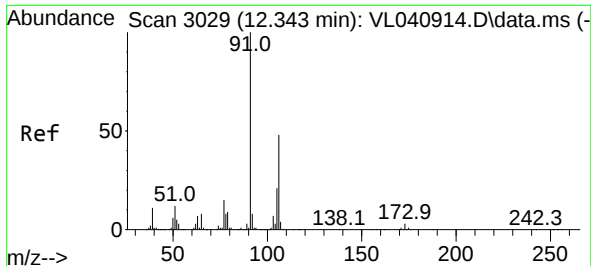
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#58
Ethyl Benzene
Concen: 9.114 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 91 Resp: 3707057
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





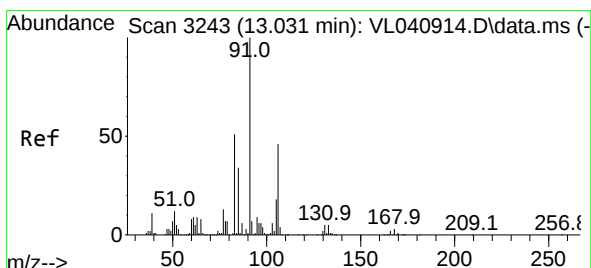
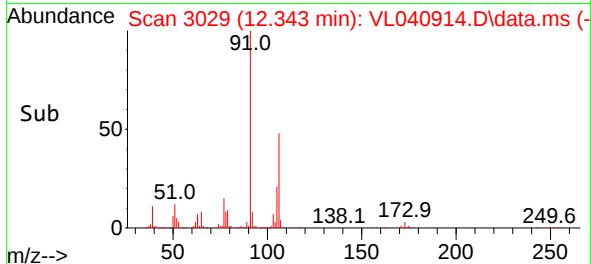
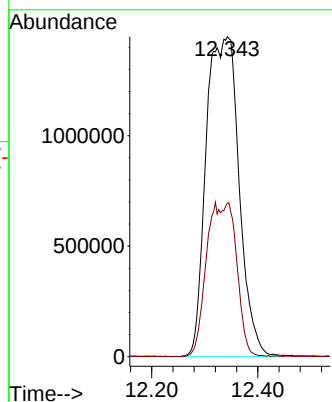
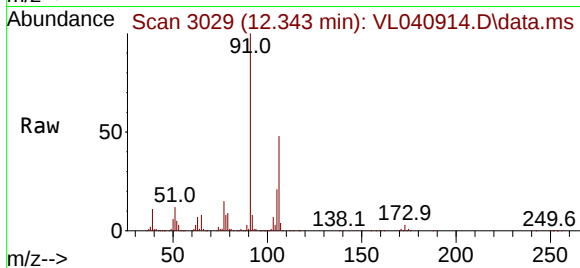
#59
m/p-Xylene
Concen: 18.018 ppbv m
RT: 12.343 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 6231540
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

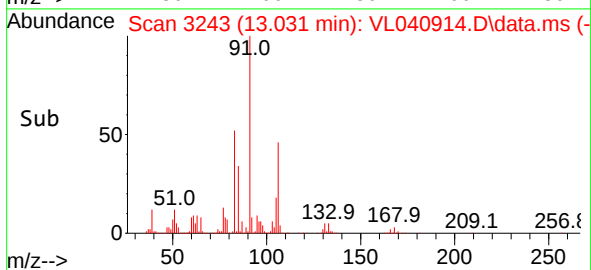
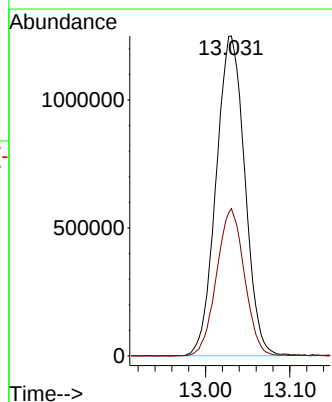
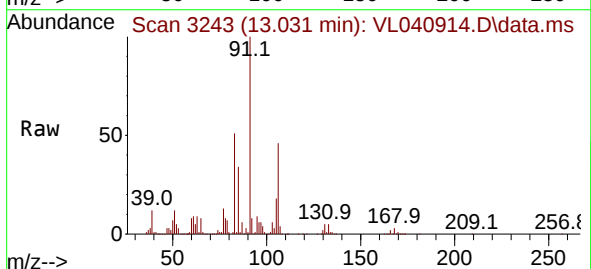
Manual Integrations
APPROVED

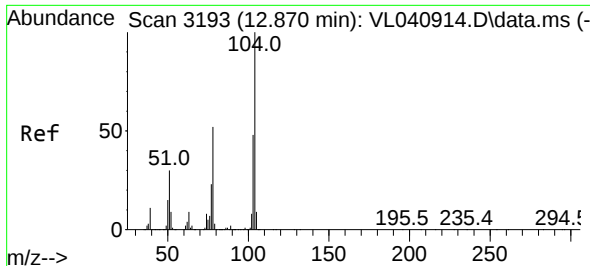
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#60
o-Xylene
Concen: 9.054 ppbv
RT: 13.031 min Scan# 3243
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

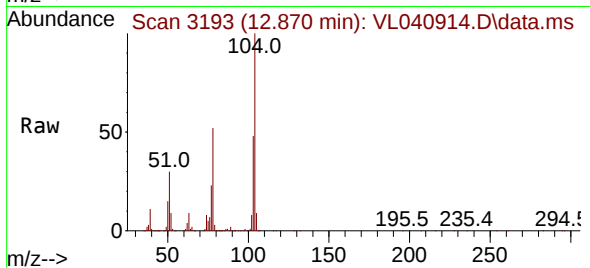
Tgt Ion: 91 Resp: 2950011
Ion Ratio Lower Upper
91 100
106 45.1 22.6 67.7





#61
Styrene
Concen: 10.066 ppbv
RT: 12.870 min Scan# 3193
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

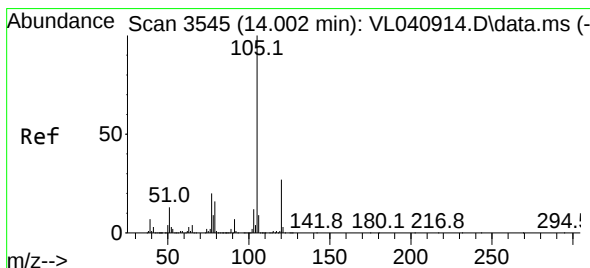
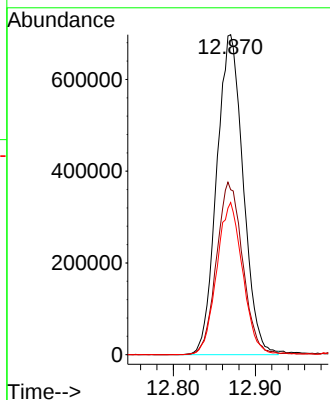
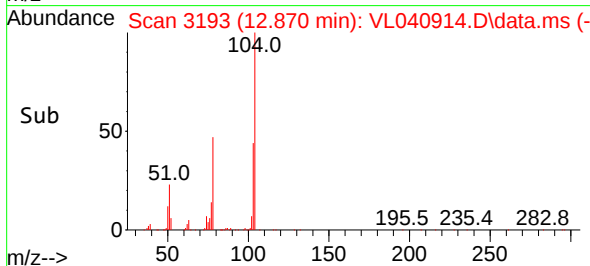
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



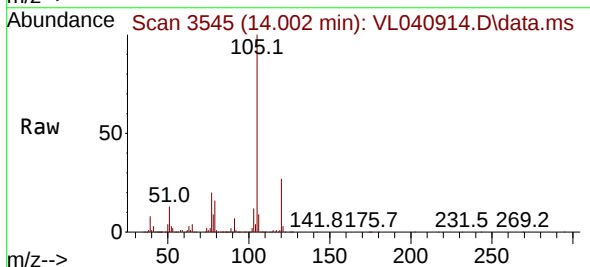
Tgt Ion:104 Resp: 1564688
Ion Ratio Lower Upper
104 100
78 53.7 43.0 64.4
103 47.0 37.6 56.4

Manual Integrations
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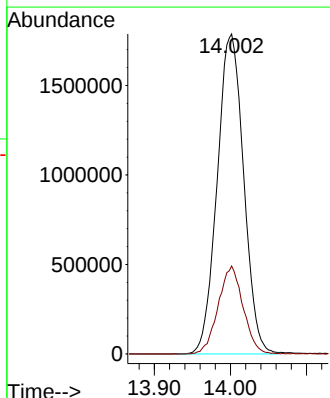
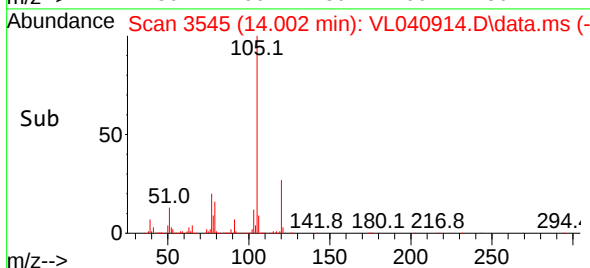
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

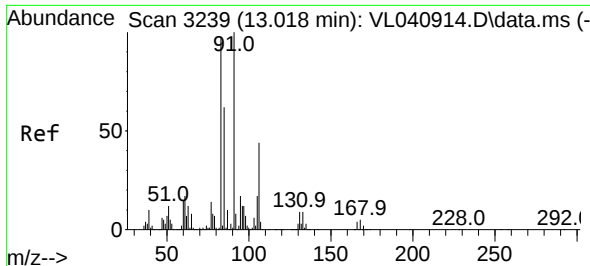


#62
Isopropylbenzene
Concen: 8.942 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



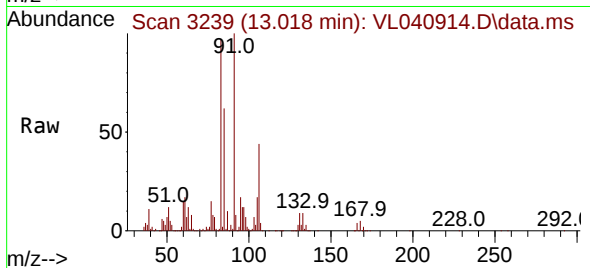
Tgt Ion:105 Resp: 4320899
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.177 ppbv
RT: 13.018 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

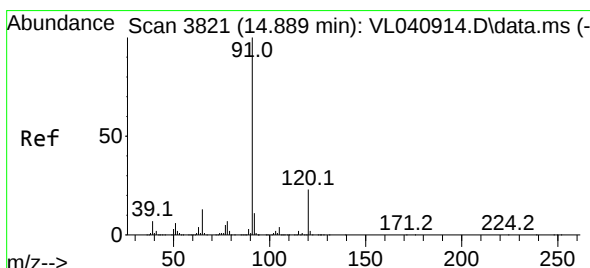
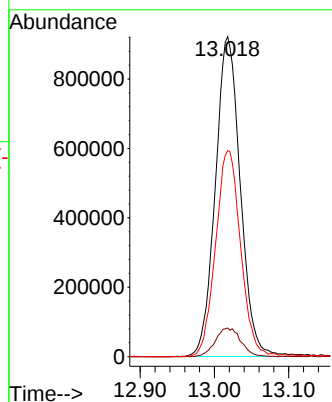
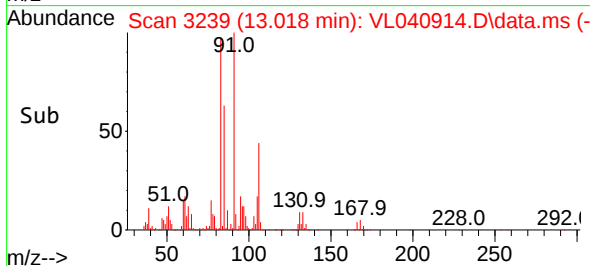
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 2147264
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 65.3 32.6 98.0

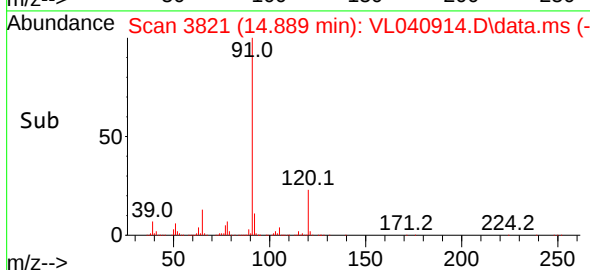
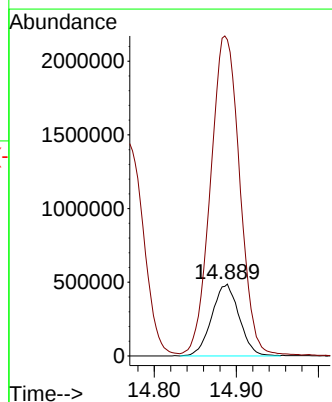
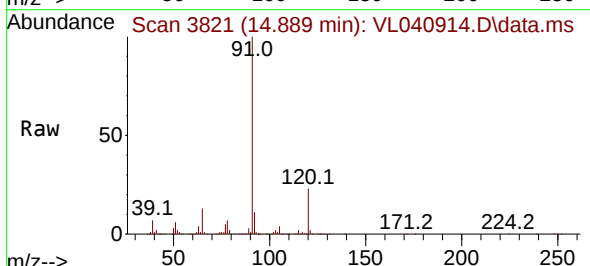
Manual Integrations
APPROVED

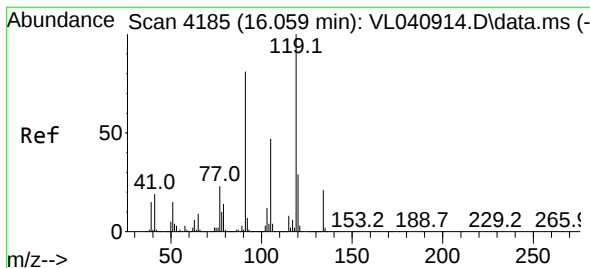
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#64
n-propylbenzene
Concen: 9.270 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

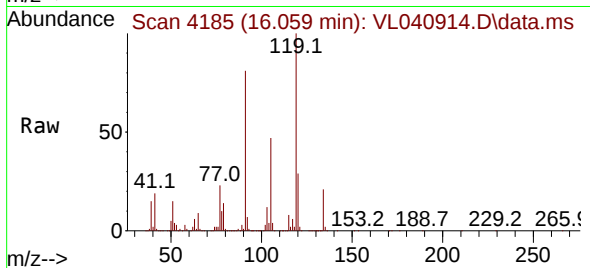
Tgt Ion:120 Resp: 1130424
Ion Ratio Lower Upper
120 100
91 477.4 381.9 572.9





#65
tert-Butylbenzene
Concen: 9.042 ppbv
RT: 16.059 min Scan# 4185
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

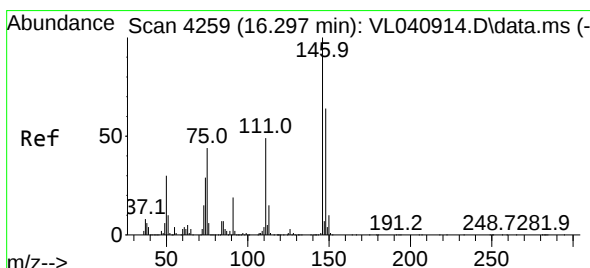
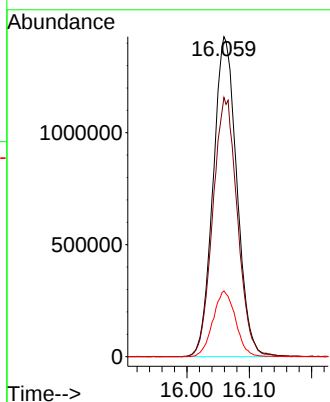
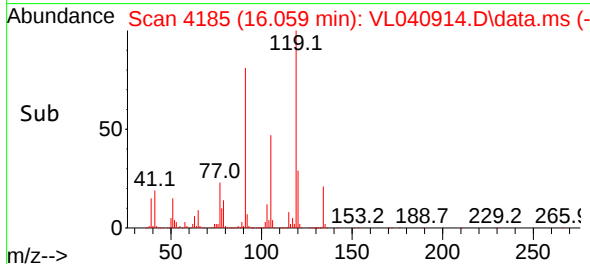
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:119 Resp: 3772799
Ion Ratio Lower Upper
119 100
91 84.0 67.2 100.8
134 19.7 15.8 23.6

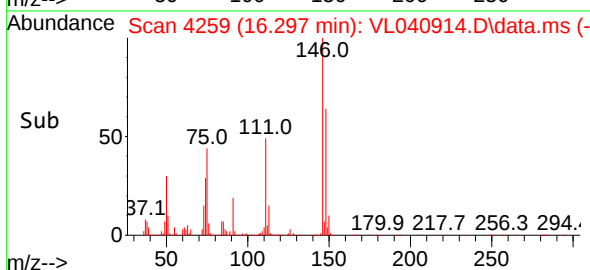
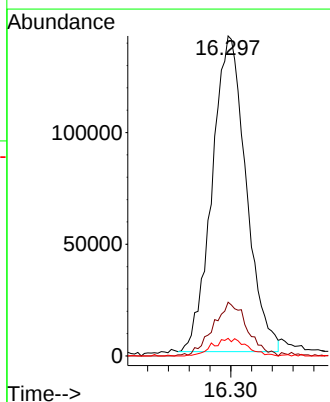
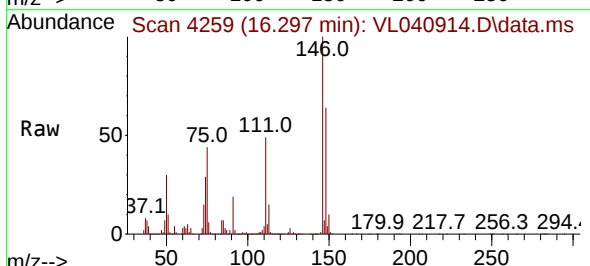
Manual Integrations
APPROVED

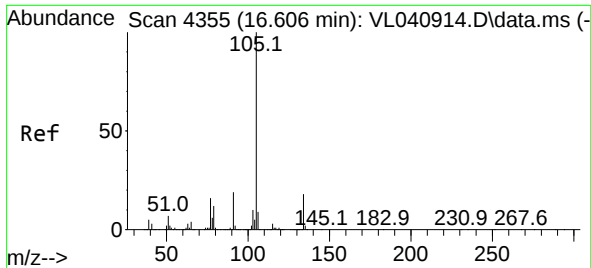
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#66
Benzyl Chloride
Concen: 11.347 ppbv
RT: 16.297 min Scan# 4259
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

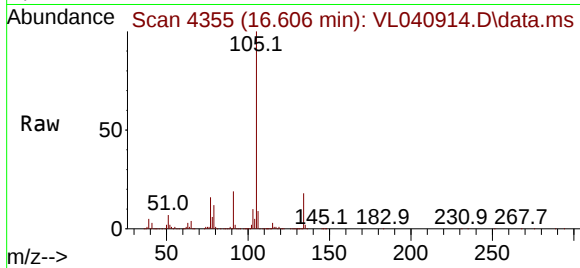
Tgt Ion: 91 Resp: 320888
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 5.7 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 8.906 ppbv
 RT: 16.606 min Scan# 4355
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

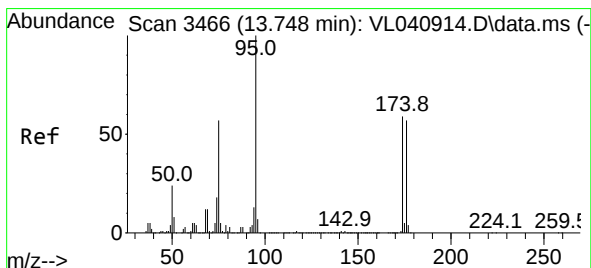
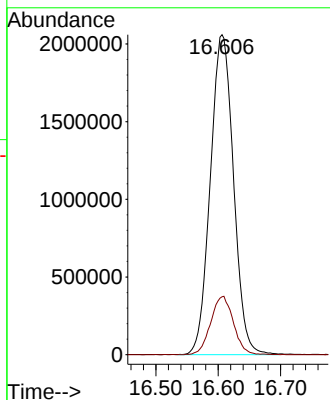
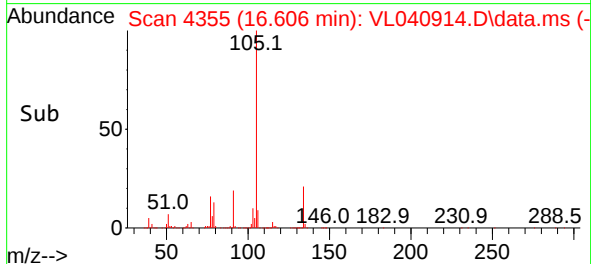
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 105 Resp: 5315744
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.4 21.6

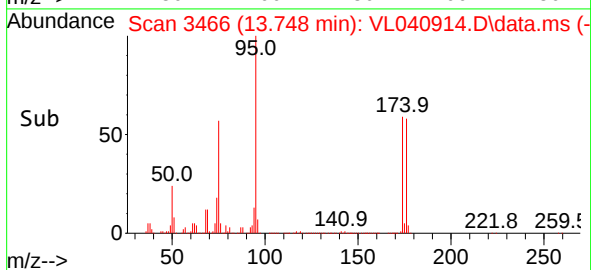
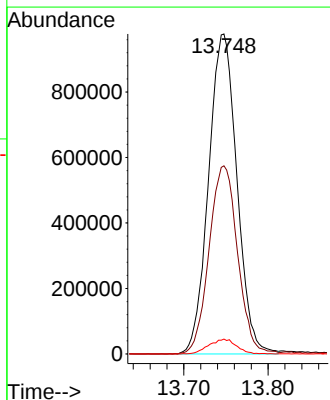
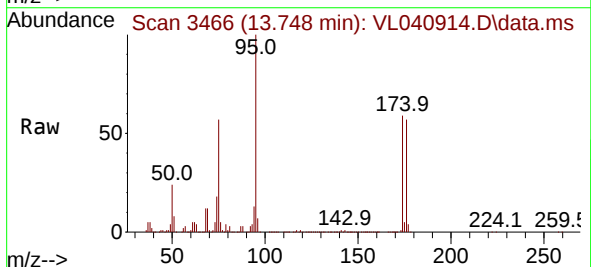
Manual Integrations
 APPROVED

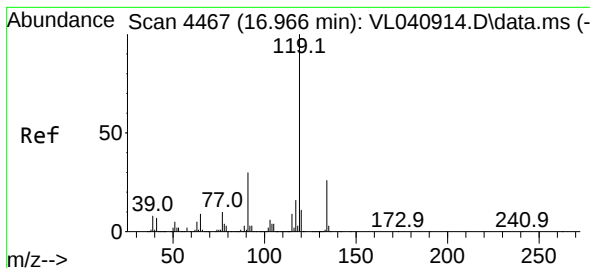
Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.797 ppbv
 RT: 13.748 min Scan# 3466
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

Tgt Ion: 95 Resp: 2284220
 Ion Ratio Lower Upper
 95 100
 174 60.0 48.0 72.0
 175 4.6 3.7 5.5





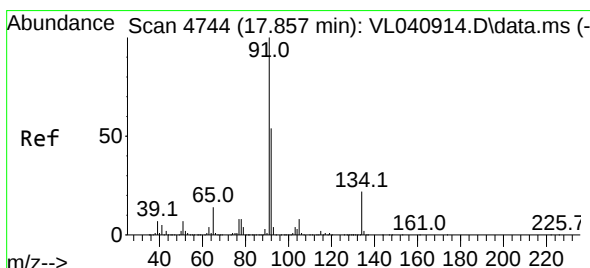
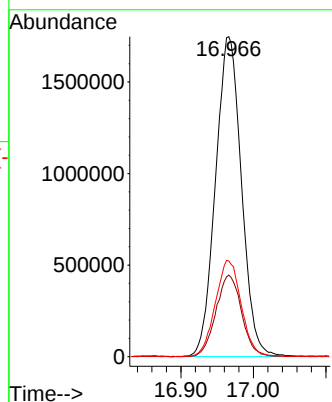
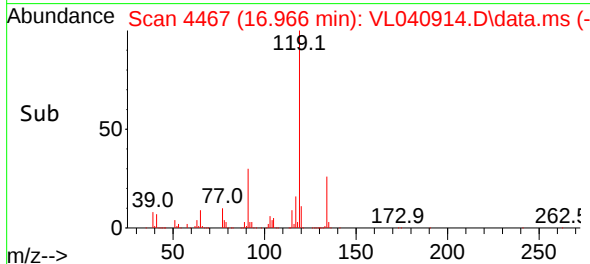
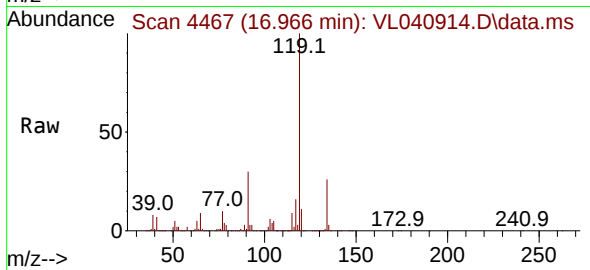
#69
p-Isopropyltoluene
Concen: 9.341 ppbv
RT: 16.966 min Scan# 4467
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 119 Resp: 4329010
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 30.1 24.1 36.1

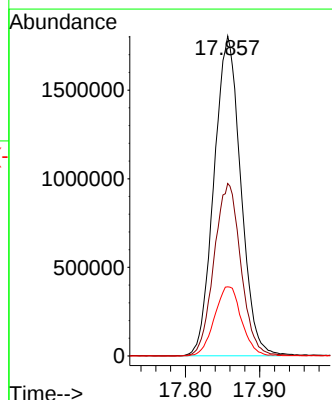
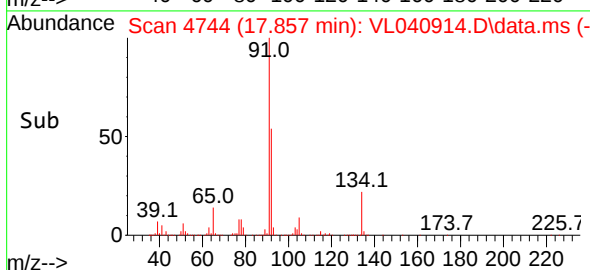
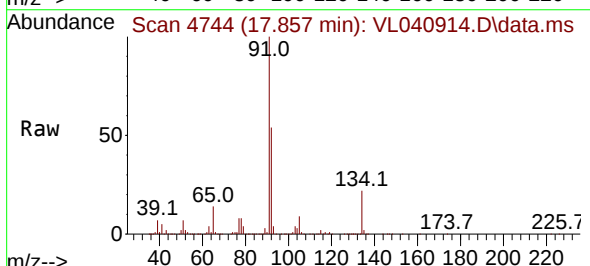
Manual Integrations
APPROVED

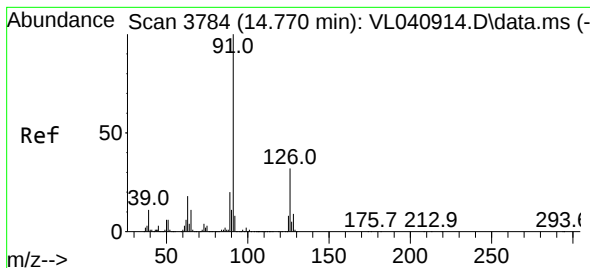
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#70
n-Butylbenzene
Concen: 9.388 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

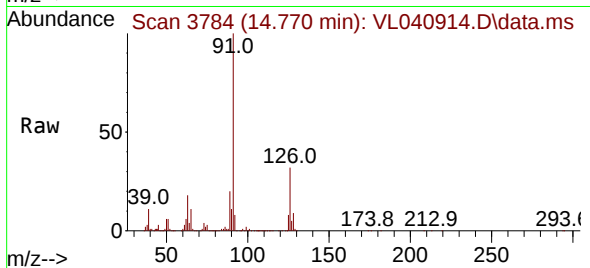
Tgt Ion: 91 Resp: 4520949
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.0
134 22.0 17.6 26.4





#71
2-Chlorotoluene
Concen: 9.090 ppbv
RT: 14.770 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

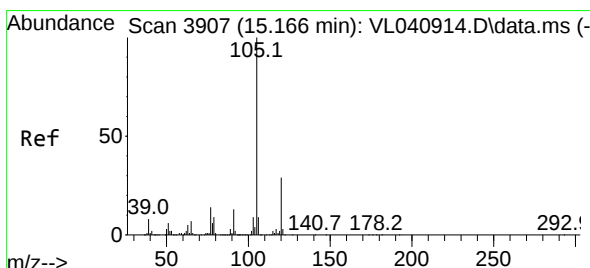
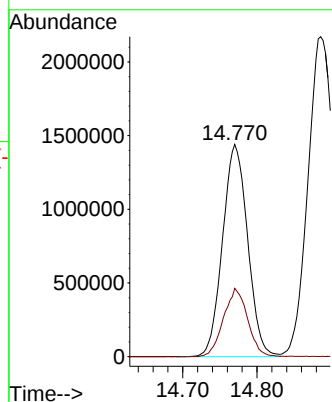
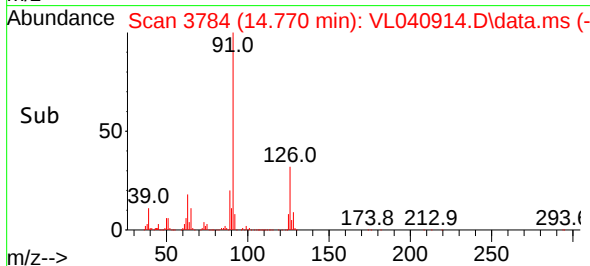
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



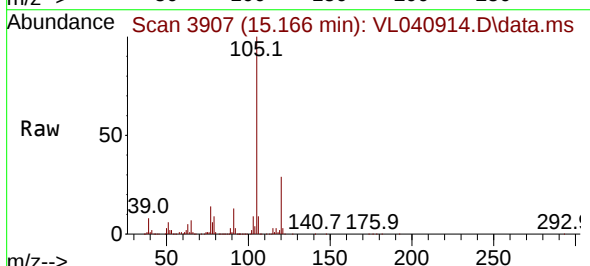
Tgt Ion: 91 Resp: 338170
Ion Ratio Lower Upper
91 100
126 31.0 12.4 49.6

Manual Integrations
APPROVED

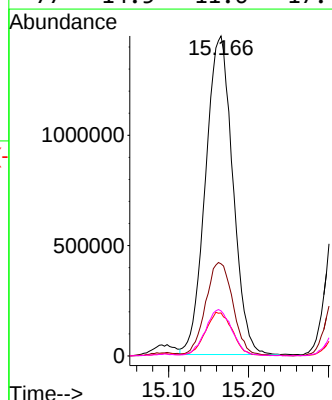
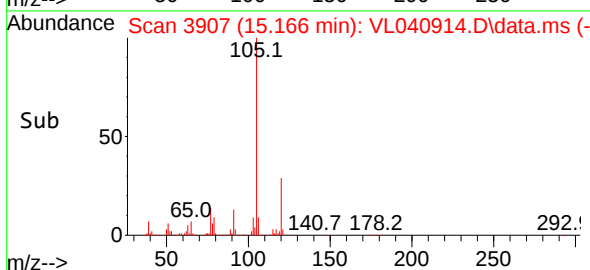
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

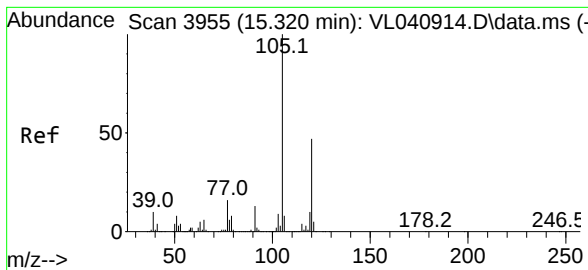


#72
4-Ethyltoluene
Concen: 9.566 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



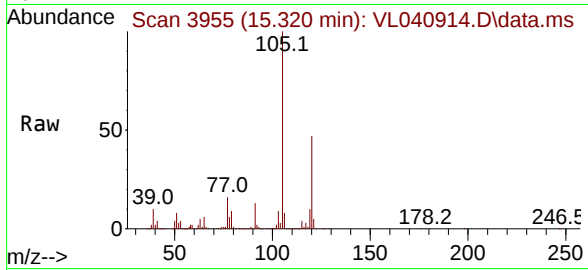
Tgt Ion:105 Resp: 3420878
Ion Ratio Lower Upper
105 100
120 29.8 23.8 35.8
91 13.6 10.9 16.3
77 14.5 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.551 ppbv
RT: 15.320 min Scan# 3955
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

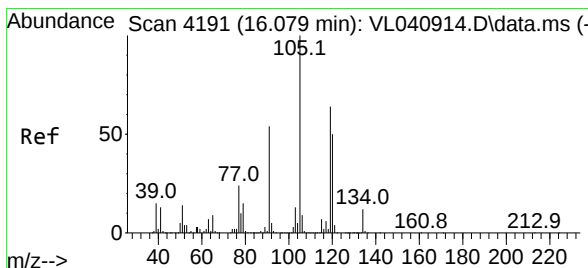
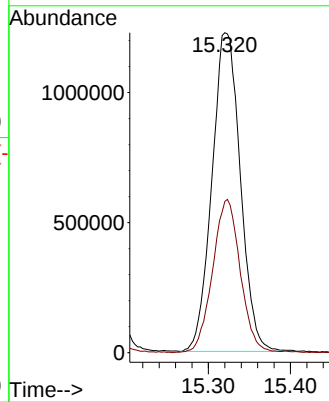
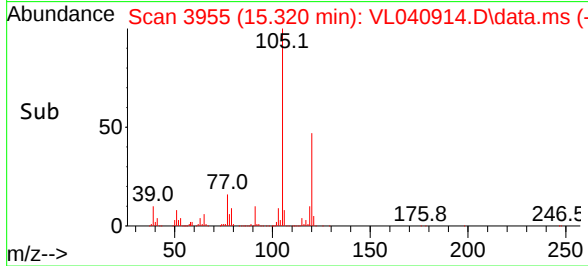
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



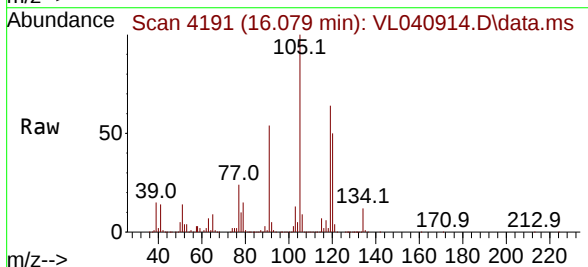
Tgt Ion:105 Resp: 294791
Ion Ratio Lower Upper
105 100
120 47.3 37.8 56.8

Manual Integrations
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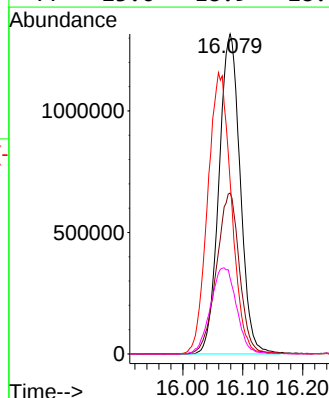
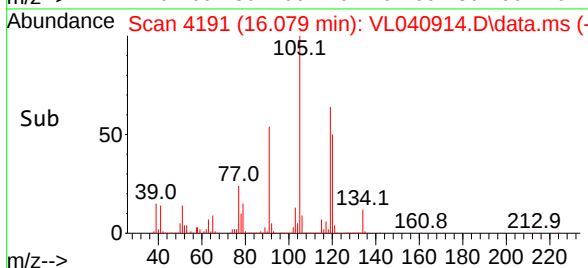
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

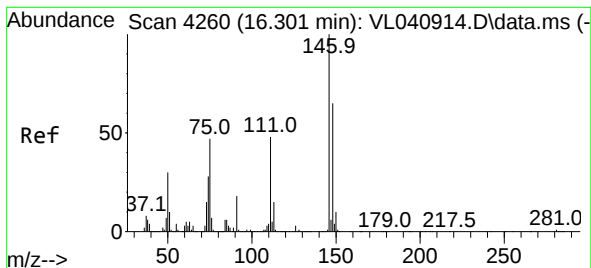


#74
1,2,4-Trimethylbenzene
Concen: 9.395 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



Tgt Ion:105 Resp: 3227089
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.4
91 53.8 43.0 64.6
77 23.6 18.9 28.3





#75

1,3-Dichlorobenzene

Concen: 9.341 ppbv

RT: 16.301 min Scan# 4260

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 183890

Ion Ratio Lower Upper

146 100

111 49.4 24.7 74.1

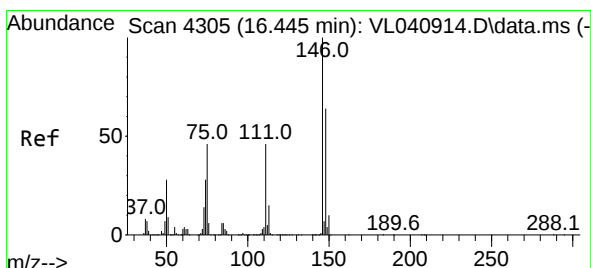
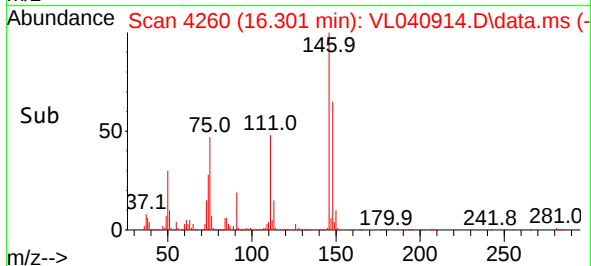
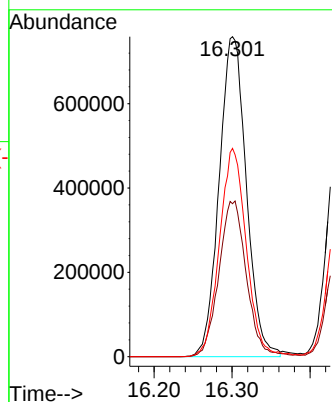
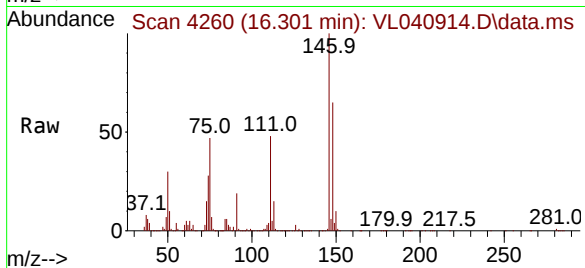
148 64.3 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023

Supervised By :Mahesh Dadoda 12/21/2023



#76

1,4-Dichlorobenzene

Concen: 9.287 ppbv

RT: 16.445 min Scan# 4305

Delta R.T. 0.000 min

Lab File: VL040914.D

Acq: 20 Dec 2023 11:07

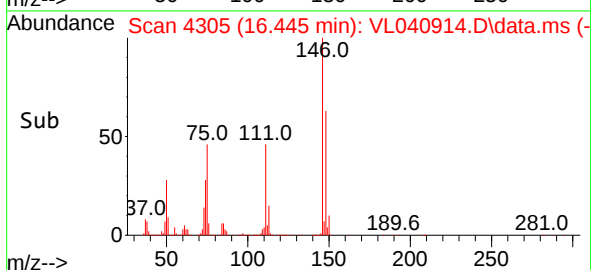
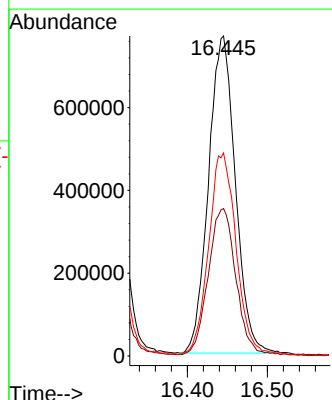
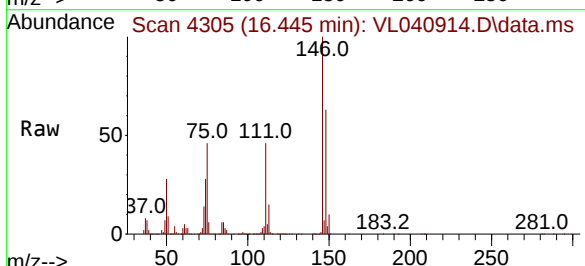
Tgt Ion:146 Resp: 1785248

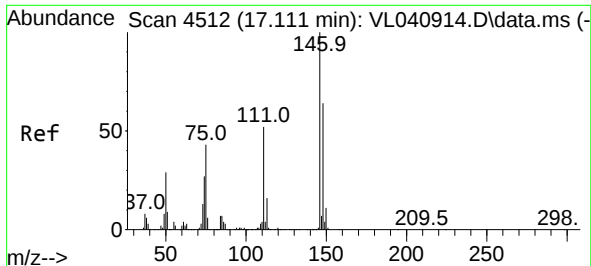
Ion Ratio Lower Upper

146 100

111 48.3 24.1 72.4

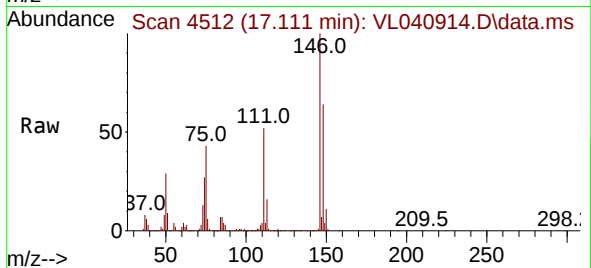
148 66.4 33.2 99.6





#77
1,2-Dichlorobenzene
Concen: 9.319 ppbv
RT: 17.111 min Scan# 4512
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

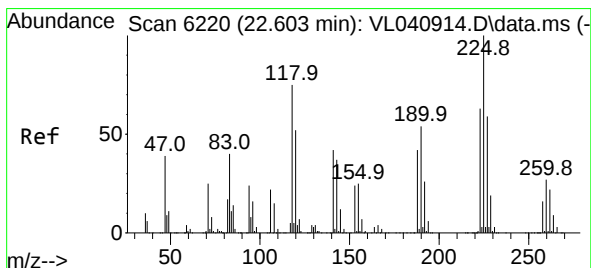
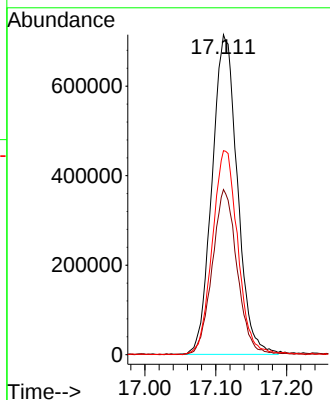
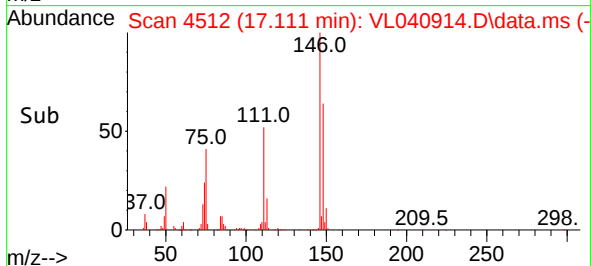
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1769715
Ion Ratio Lower Upper
146 100
111 51.0 25.5 76.5
148 64.4 32.2 96.6

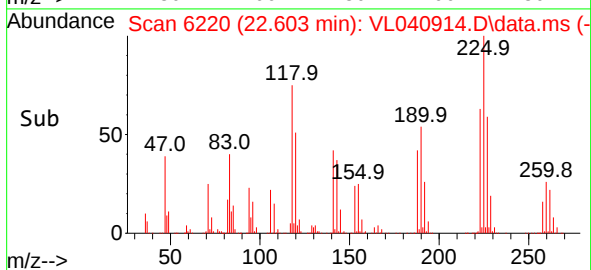
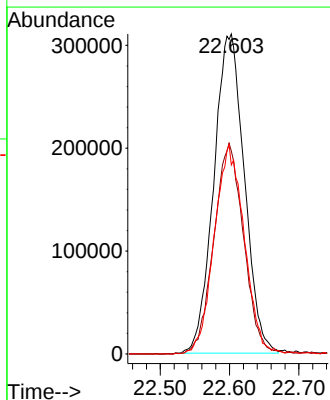
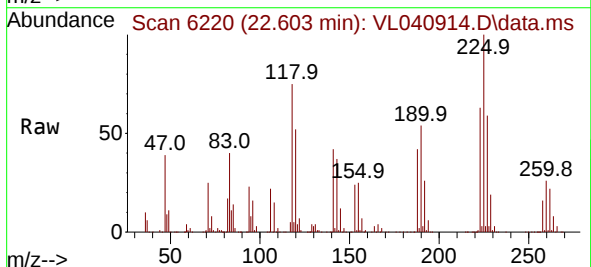
Manual Integrations
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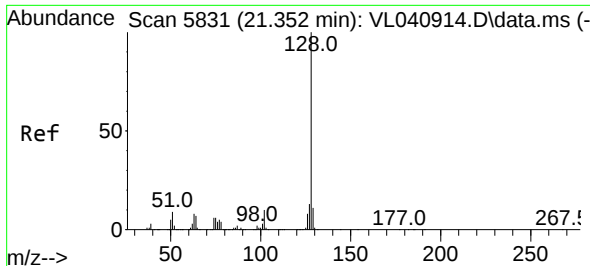
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.074 ppbv
RT: 22.603 min Scan# 6220
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

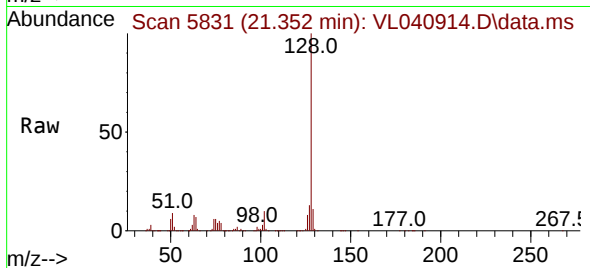
Tgt Ion:225 Resp: 951308
Ion Ratio Lower Upper
225 100
223 64.4 51.5 77.3
227 64.6 51.7 77.5





#79
Naphthalene
Concen: 12.479 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07

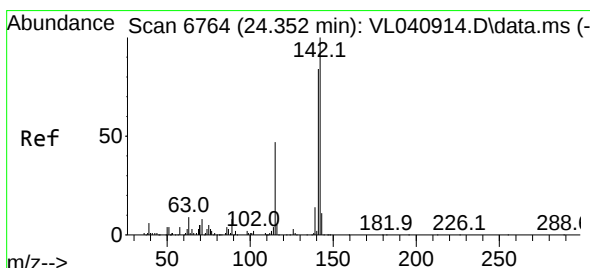
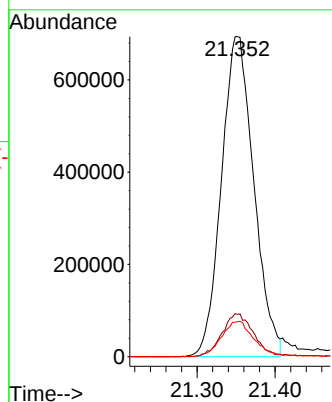
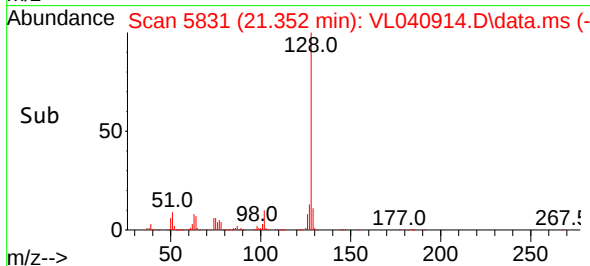
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



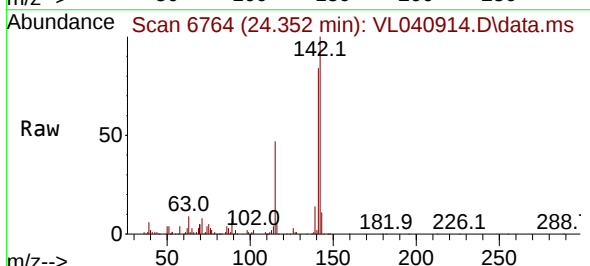
Tgt Ion:128 Resp: 2004860
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.7 13.1

Manual Integrations
APPROVED

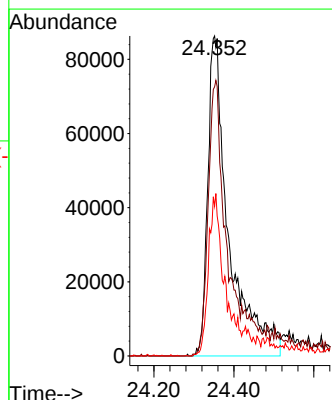
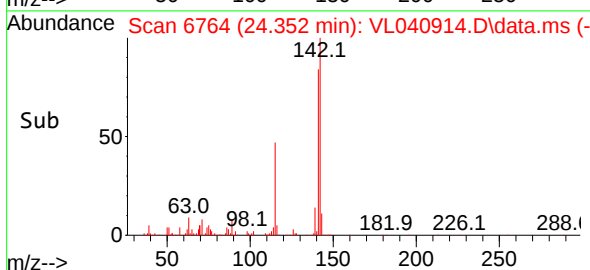
Reviewed By :Semsettin Yesilyurt 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

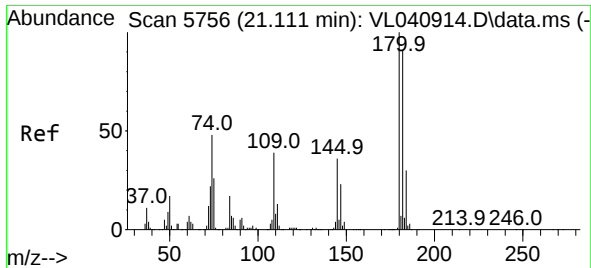


#80
Naphthalene,2-methyl-
Concen: 11.328 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. 0.000 min
Lab File: VL040914.D
Acq: 20 Dec 2023 11:07



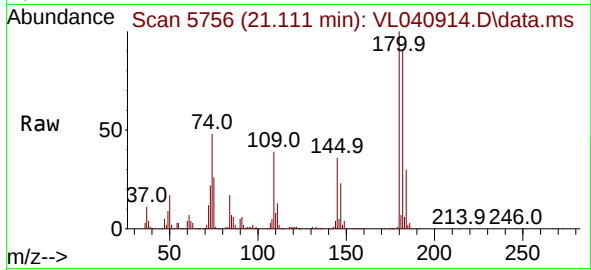
Tgt Ion:142 Resp: 318132
Ion Ratio Lower Upper
142 100
141 85.6 68.5 102.7
115 43.1 34.5 51.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.743 ppbv
 RT: 21.111 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040914.D
 Acq: 20 Dec 2023 11:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 103441
 Ion Ratio Lower Upper
 180 100
 182 99.2 79.4 119.0
 184 30.6 24.5 36.7

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

