

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040061.D
 Acq On : 22 Dec 2022 10:11
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/23/2022
 Supervised By : Mahesh Dadoda 12/27/2022

Quant Time: Dec 23 06:25:35 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	906169	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2509029	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2954329m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1863387 8.257 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 82.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	1484870	8.754	ppbv	98
3) Chlorodifluoromethane	2.649	51	1182817	8.847	ppbv	98
4) Chloromethane	2.787	50	728892	8.701	ppbv	95
5) Vinyl Chloride	2.893	62	650416	9.596	ppbv	97
6) Bromomethane	3.096	94	230899	9.271	ppbv	95
7) Chloroethane	3.170	64	224056	8.761	ppbv	96
8) Dichlorotetrafluoroethane	2.832	85	1602534	8.980	ppbv	99
9) Propene	2.668	41	498072	8.778	ppbv	99
10) Heptane	7.552	43	1258831	9.090	ppbv	99
11) Trichlorofluoromethane	3.536	101	1715807	9.309	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.038	101	1304360	9.344	ppbv	99
13) Ethanol	3.215	45	37954	7.107	ppbv	87
14) Bromoethene	3.340	108	508584	9.675	ppbv	99
15) Acetone	3.440	43	1164508	8.307	ppbv	100
16) 1,3-Butadiene	2.961	39	582100	9.553	ppbv	99
17) tert-Butyl alcohol	3.848	59	1232953	8.922	ppbv	100
18) 1,1-Dichloroethene	3.851	96	563470	9.274	ppbv	98
19) Isopropyl Alcohol	3.549	45	621785	9.000	ppbv #	98
20) Methylene Chloride	3.906	84	495567	8.317	ppbv	99
21) Allyl Chloride	3.970	41	804458	9.550	ppbv	99
22) trans-1,2-Dichloroethene	4.420	96	582744	9.623	ppbv	97
23) Vinyl Acetate	4.600	43	444913	10.011	ppbv	99
24) 1,1-Dichloroethane	4.536	63	1186301	9.090	ppbv	99
25) Ethyl Acetate	5.179	43	2177174	8.968	ppbv	99
26) Hexane	5.185	57	911843	8.937	ppbv	99
27) Carbon Disulfide	4.099	76	1429180	11.105	ppbv	99
28) Methyl tert-Butyl Ether	4.559	73	1068494	8.885	ppbv	100
29) Chloroform	5.247	83	1416654	9.098	ppbv	100
30) Cyclohexane	6.574	84	828411	9.168	ppbv	99
31) cis-1,2-Dichloroethene	5.050	61	896909	9.230	ppbv	98
32) 1,1,1-Trichloroethane	5.976	97	1671014	10.024	ppbv	99
34) 2-Butanone	4.758	43	1288674	9.468	ppbv	99
35) Carbon Tetrachloride	6.465	117	1721605	11.047	ppbv	100
36) Benzene	6.343	78	2116329	9.444	ppbv	98
37) 1,2-Dichloroethane	5.777	62	1291737	9.827	ppbv	98
38) Trichloroethene	7.266	130	1228795	10.671	ppbv	96
39) 1,2-Dichloropropane	7.047	63	801639	9.544	ppbv	94
40) 1,4-Dioxane	7.263	88	336314	8.884	ppbv	88
41) Tetrahydrofuran	5.530	42	794385	9.350	ppbv	98
42) Bromodichloromethane	7.224	83	1847404	10.258	ppbv	99
43) Methyl Methacrylate	7.449	69	832885	9.904	ppbv	98
44) 2,2,4-Trimethylpentane	7.298	57	3443209	9.334	ppbv	99
45) t-1,3-Dichloropropene	8.684	75	803260	11.301	ppbv	100

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

QLast Update : Tue Dec 20 04:50:21 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	1079007	10.763	ppbv	99
47) 1,1,2-Trichloroethane	8.873	97	863239	9.385	ppbv	99
48) Dibromochloromethane	9.687	129	1452293	10.382	ppbv	99
49) Bromoform	12.385	173	1061306	9.945	ppbv	99
50) 4-Methyl-2-Pentanone	8.156	43	2139149	9.620	ppbv	99
51) 2-Hexanone	9.526	43	1654022	9.562	ppbv #	100
52) Tetrachloroethene	10.594	164	694066	9.110	ppbv	94
53) Toluene	9.195	91	2366078	9.537	ppbv	100
54) 1,2-Dibromoethane	9.983	107	966552	9.758	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.484	131	1027187	7.537	ppbv	98
57) Chlorobenzene	11.504	112	1781753	7.105	ppbv	95
58) Ethyl Benzene	12.066	91	3150429	7.505	ppbv	99
59) m/p-Xylene	12.352	91	5383287m	14.721	ppbv	
60) o-Xylene	13.037	91	2562591	7.315	ppbv	98
61) Styrene	12.873	104	1482669	7.891	ppbv	100
62) Isopropylbenzene	14.008	105	3560756	7.050	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.024	83	834895	6.500	ppbv	99
64) n-propylbenzene	14.896	120	896271	7.025	ppbv	96
65) tert-Butylbenzene	16.069	119	3032687	6.909	ppbv	98
66) Benzyl Chloride	16.307	91	186779	7.297	ppbv	99
67) sec-Butylbenzene	16.616	105	4223572	6.866	ppbv	100
69) p-Isopropyltoluene	16.976	119	3425631	6.972	ppbv	99
70) n-Butylbenzene	17.863	91	3617899	7.028	ppbv	99
71) 2-Chlorotoluene	14.780	91	2689473	6.979	ppbv	100
72) 4-Ethyltoluene	15.172	105	2805030	7.211	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2489690	7.097	ppbv	97
74) 1,2,4-Trimethylbenzene	16.089	105	2688029	6.951	ppbv	97
75) 1,3-Dichlorobenzene	16.307	146	1479644	6.993	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1450045	7.019	ppbv	99
77) 1,2-Dichlorobenzene	17.121	146	1426674	7.030	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	970827	6.896	ppbv #	100
79) Naphthalene	21.362	128	2051516m	8.904	ppbv	
80) Naphthalene,2-methyl-	24.355	142	455656	6.463	ppbv	96
81) 1,2,4-Trichlorobenzene	21.117	180	1019229	7.447	ppbv	100

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

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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022

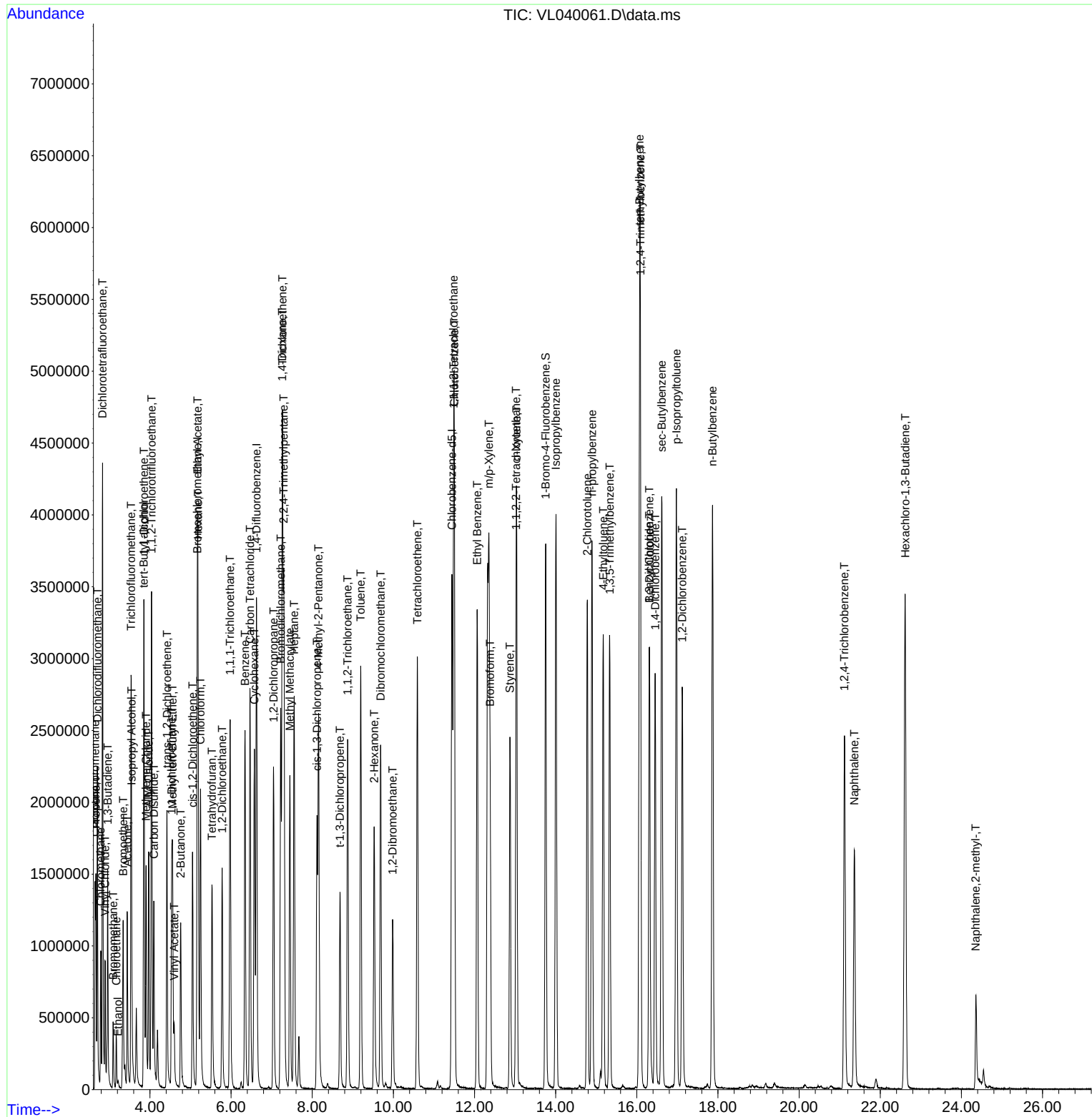
Quant Time: Dec 23 06:25:35 2022

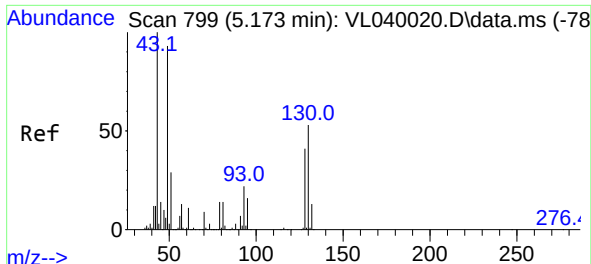
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Tue Dec 20 04:50:21 2022

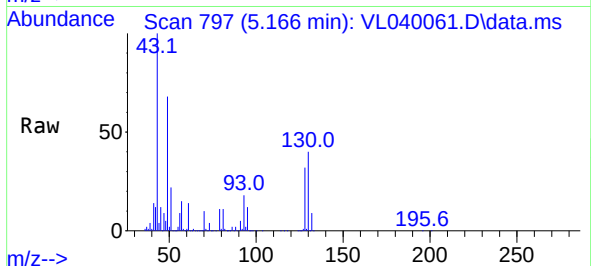
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.007 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

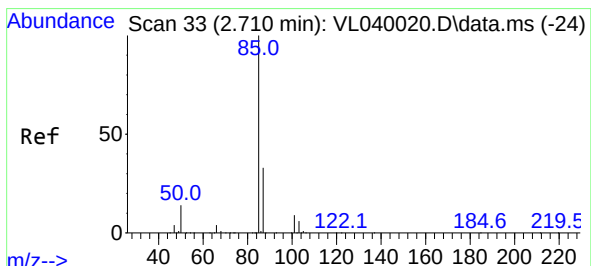
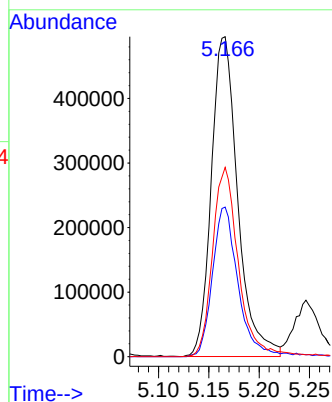
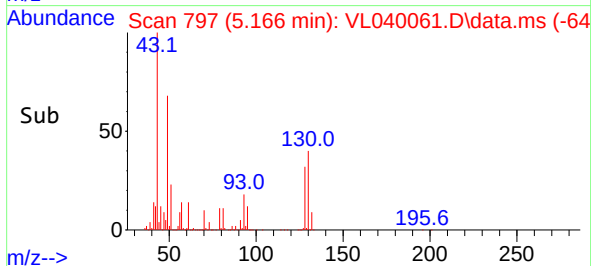
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



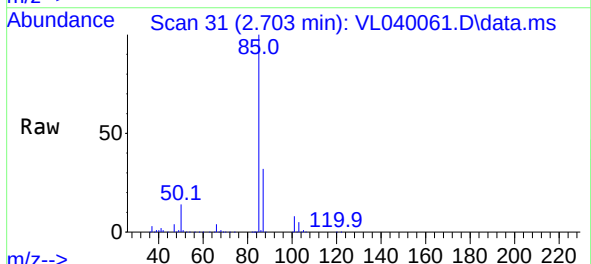
Tgt Ion: 49 Resp: 906169
Ion Ratio Lower Upper
49 100
128 46.1 22.4 67.3
130 58.5 28.9 86.8

Manual Integrations
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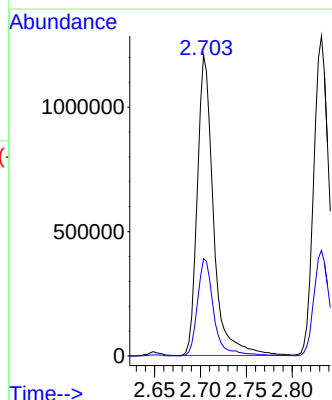
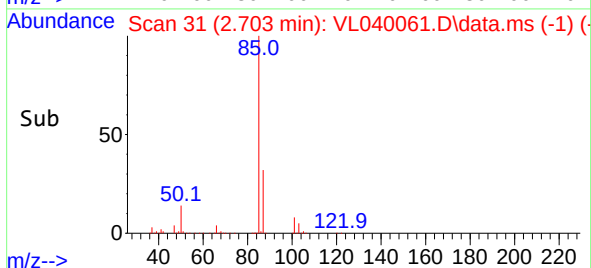
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

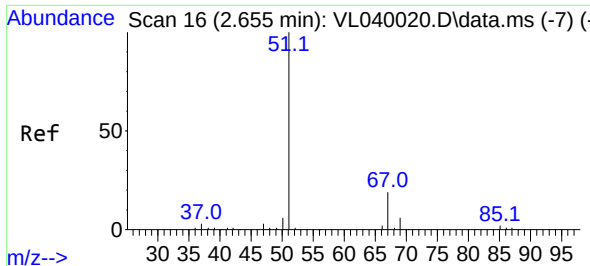


#2
Dichlorodifluoromethane
Concen: 8.754 ppbv
RT: 2.703 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 85 Resp: 1484870
Ion Ratio Lower Upper
85 100
87 32.4 26.6 40.0





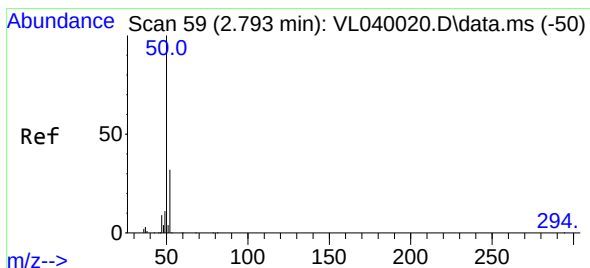
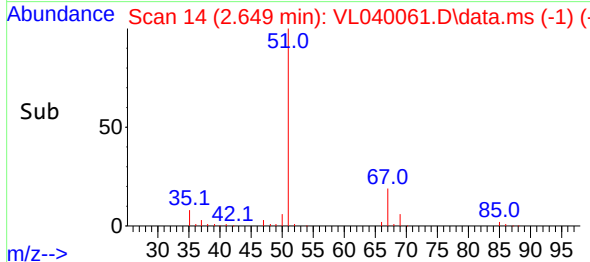
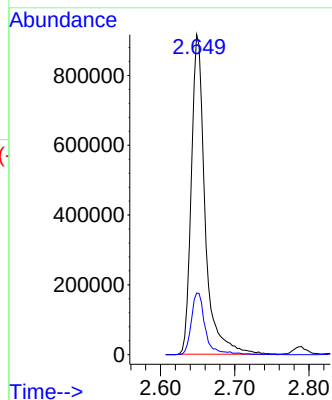
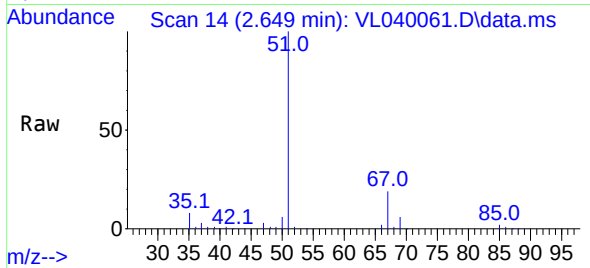
#3
Chlorodifluoromethane
Concen: 8.847 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 118281
Ion Ratio Lower Upper
51 100
67 19.8 15.3 22.9

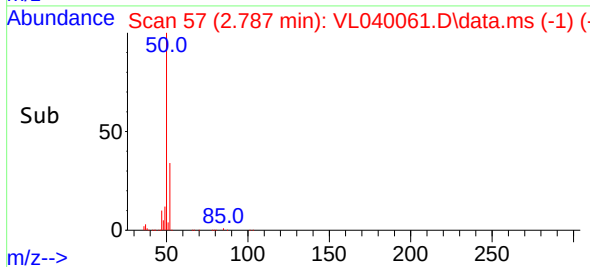
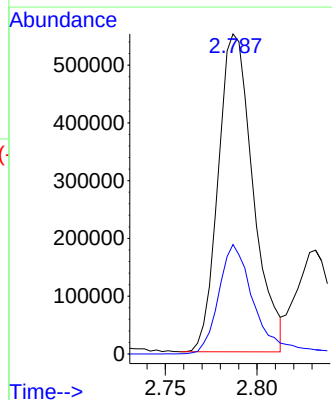
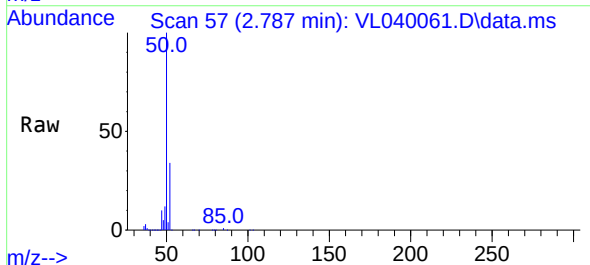
Manual Integrations
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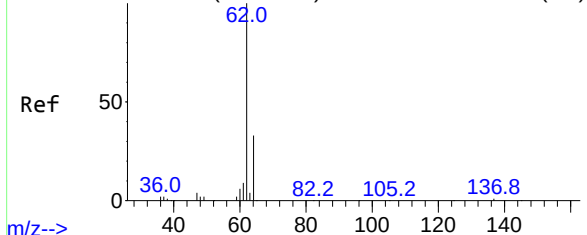


#4
Chloromethane
Concen: 8.701 ppbv
RT: 2.787 min Scan# 57
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 50 Resp: 728892
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3



Abundance Scan 92 (2.899 min): VL040020.D\data.ms (-81)



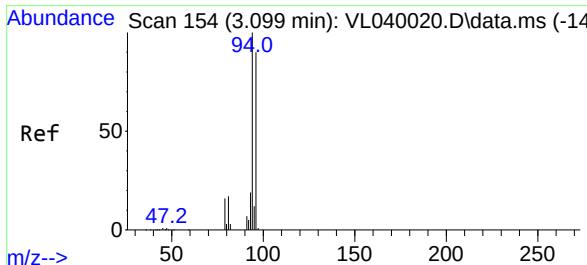
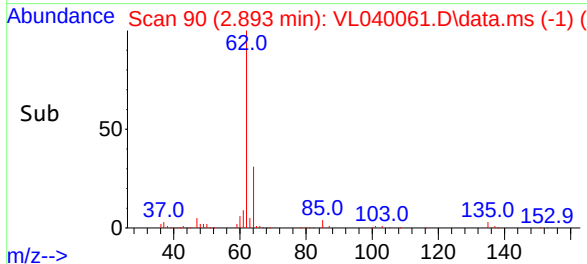
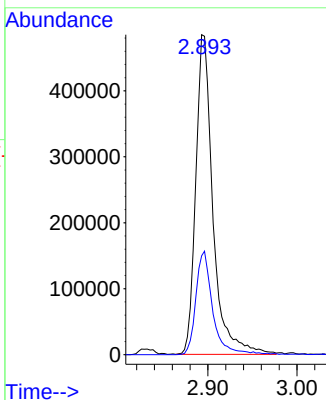
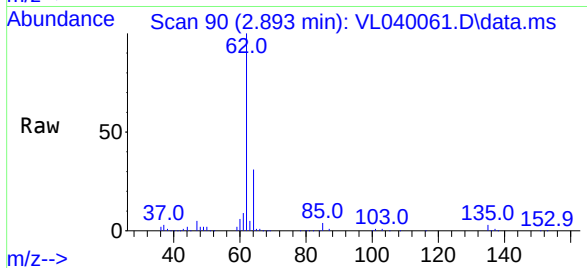
#5
Vinyl Chloride
Concen: 9.596 ppbv
RT: 2.893 min Scan# 90
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 650410
Ion Ratio Lower Upper
62 100
64 30.9 26.1 39.1

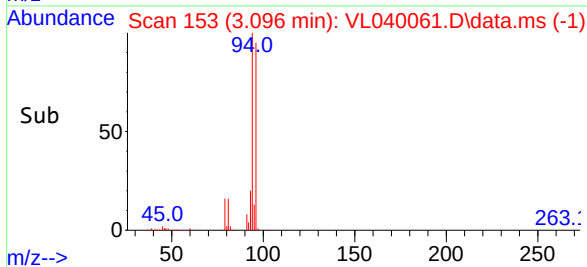
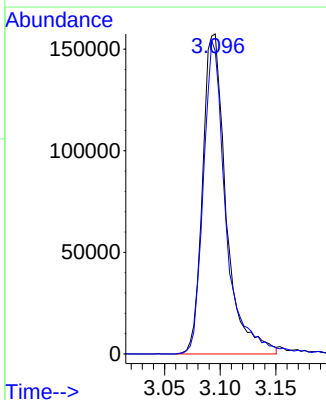
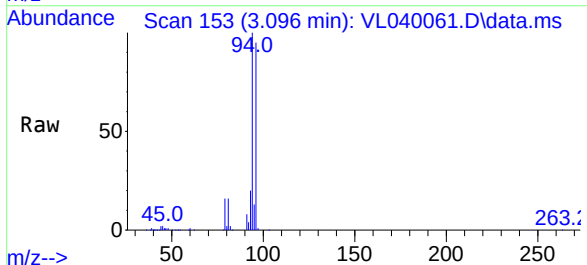
Manual Integrations
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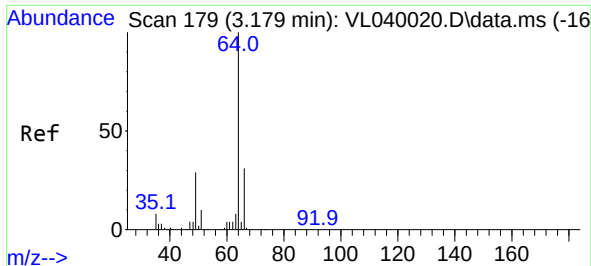
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#6
Bromomethane
Concen: 9.271 ppbv
RT: 3.096 min Scan# 153
Delta R.T. -0.003 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

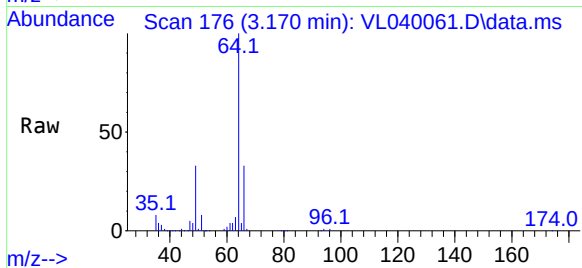
Tgt Ion: 94 Resp: 230899
Ion Ratio Lower Upper
94 100
96 94.6 72.0 108.0





#7
Chloroethane
Concen: 8.761 ppbv
RT: 3.170 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

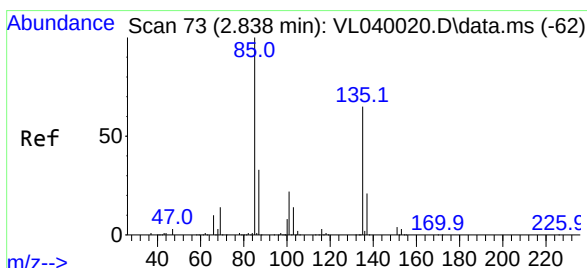
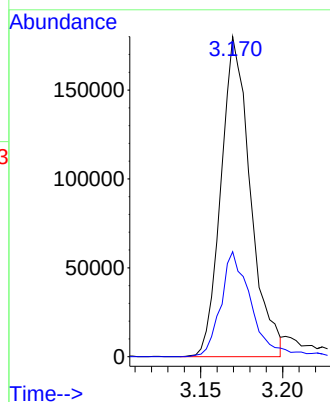
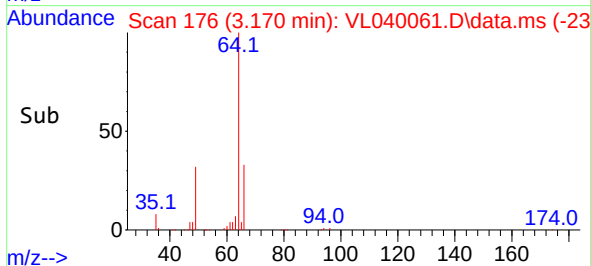
Instrument :
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Tgt Ion: 64 Resp: 224050
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0

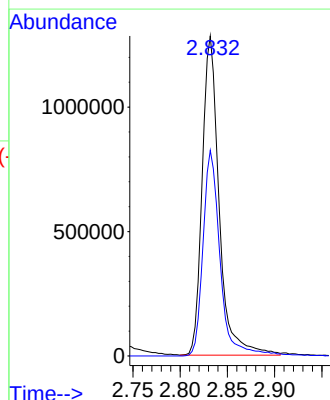
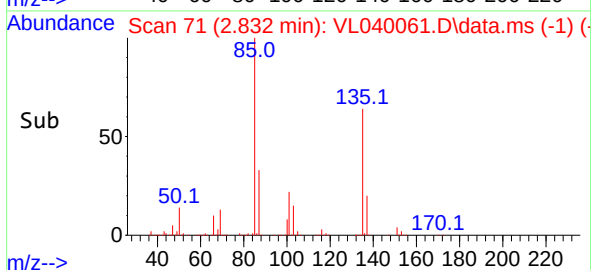
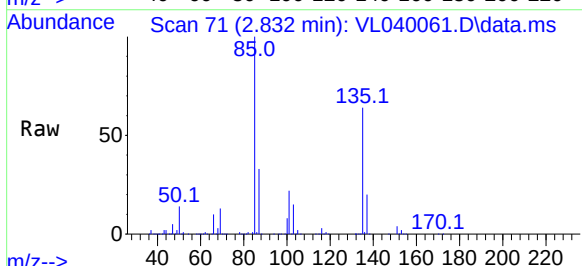
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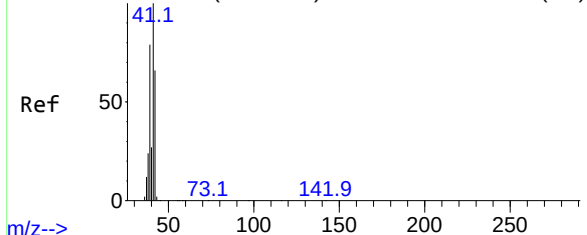


#8
Dichlorotetrafluoroethane
Concen: 8.980 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 85 Resp: 1602534
Ion Ratio Lower Upper
85 100
135 65.4 53.2 79.8



Abundance Scan 22 (2.674 min): VL040020.D\data.ms (-13)



#9
Propene
Concen: 8.778 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

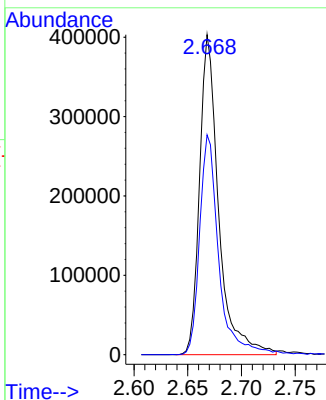
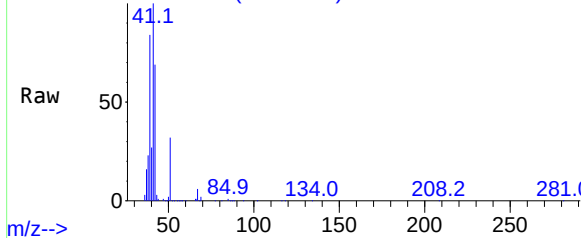
Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 41 Resp: 498072
Ion Ratio Lower Upper
41 100
42 69.5 54.8 82.2

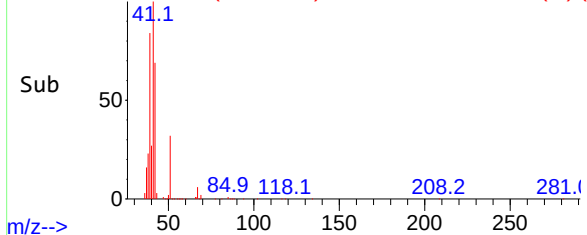
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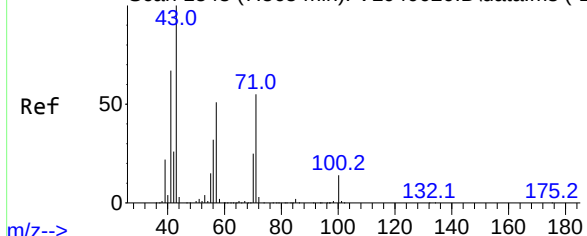
Abundance Scan 20 (2.668 min): VL040061.D\data.ms



Abundance Scan 20 (2.668 min): VL040061.D\data.ms (-1)



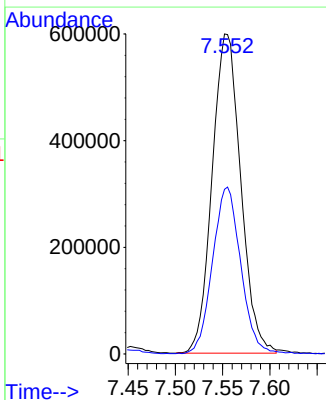
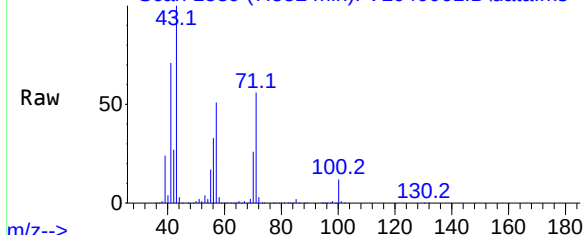
Abundance Scan 1543 (7.565 min): VL040020.D\data.ms (-1)



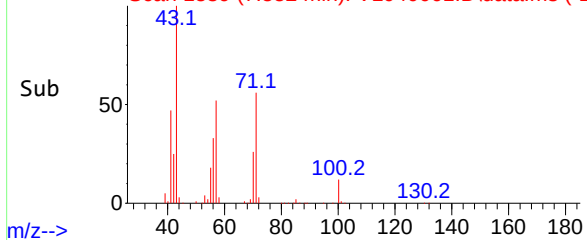
#10
Heptane
Concen: 9.090 ppbv
RT: 7.552 min Scan# 1539
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

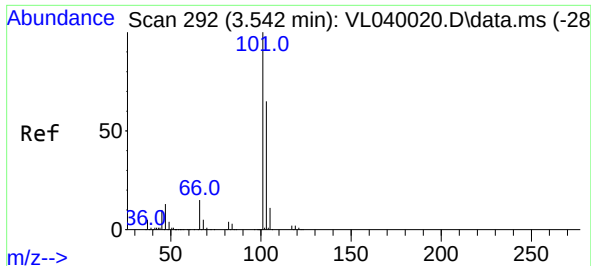
Tgt Ion: 43 Resp: 1258831
Ion Ratio Lower Upper
43 100
57 51.9 41.2 61.8

Abundance Scan 1539 (7.552 min): VL040061.D\data.ms



Abundance Scan 1539 (7.552 min): VL040061.D\data.ms (-1)





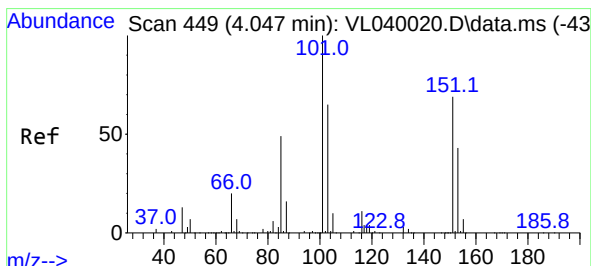
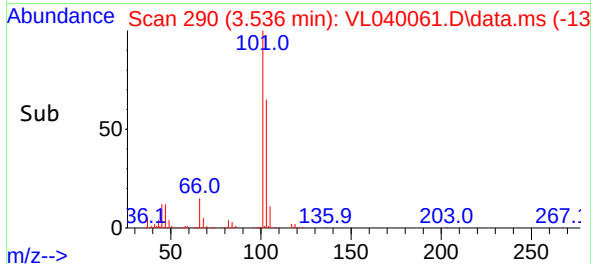
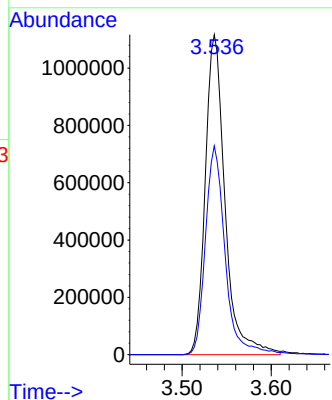
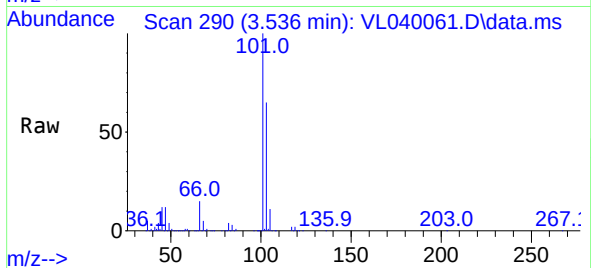
#11
Trichlorofluoromethane
Concen: 9.309 ppbv
RT: 3.536 min Scan# 292
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:101 Resp: 171580
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

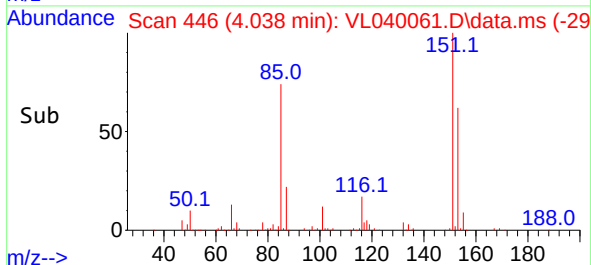
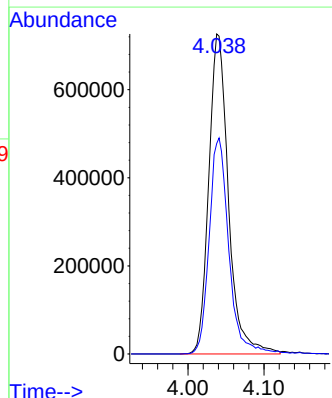
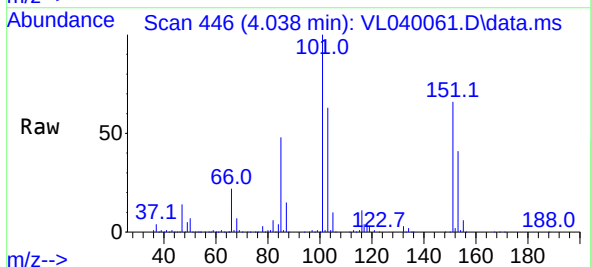
Manual Integrations
APPROVED

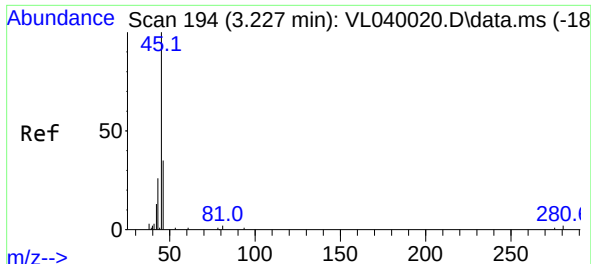
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.344 ppbv
RT: 4.038 min Scan# 446
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:101 Resp: 1304360
Ion Ratio Lower Upper
101 100
151 67.8 55.0 82.4





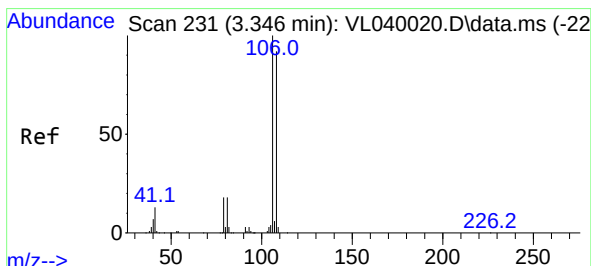
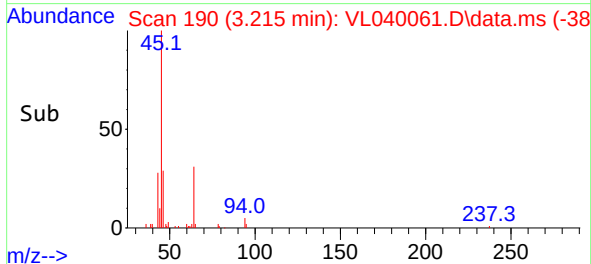
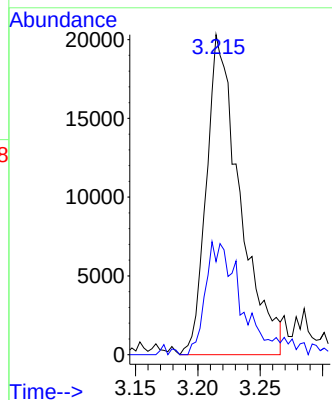
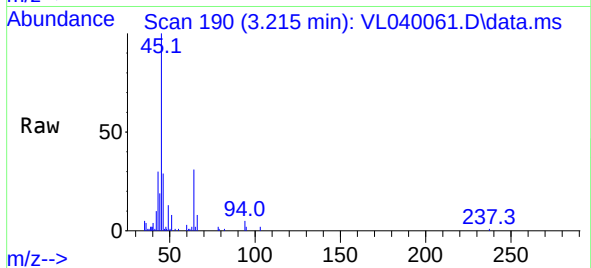
#13
Ethanol
Concen: 7.107 ppbv
RT: 3.215 min Scan# 19
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 37954
Ion Ratio Lower Upper
45 100
46 41.5 13.7 54.7

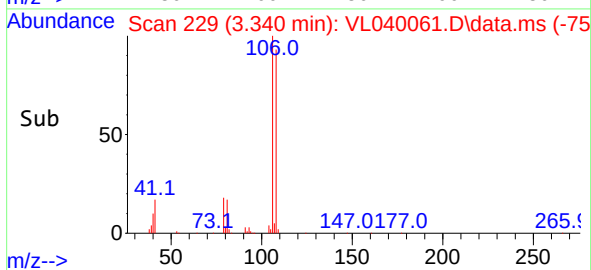
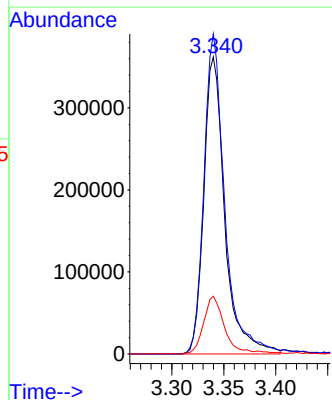
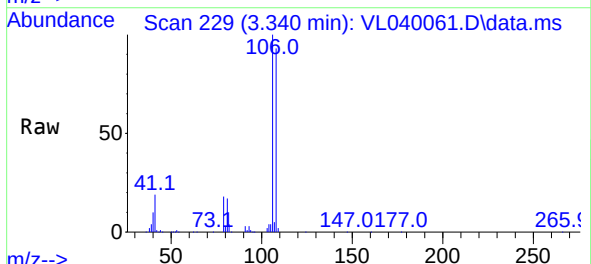
Manual Integrations
APPROVED

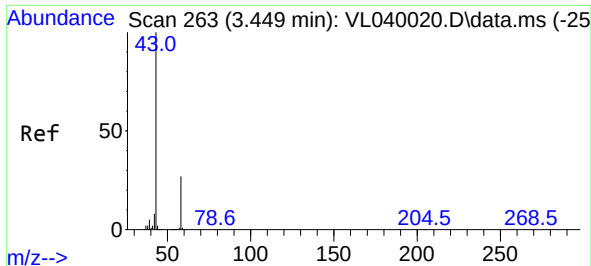
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#14
Bromoethene
Concen: 9.675 ppbv
RT: 3.340 min Scan# 229
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion:108 Resp: 508584
Ion Ratio Lower Upper
108 100
106 108.6 87.5 131.3
79 19.8 15.8 23.8





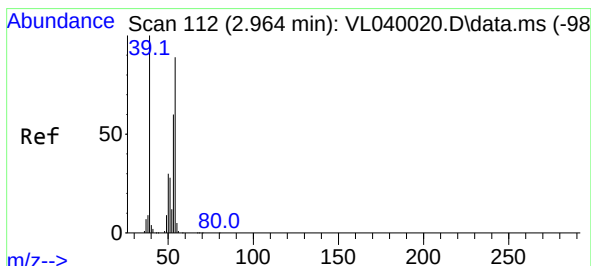
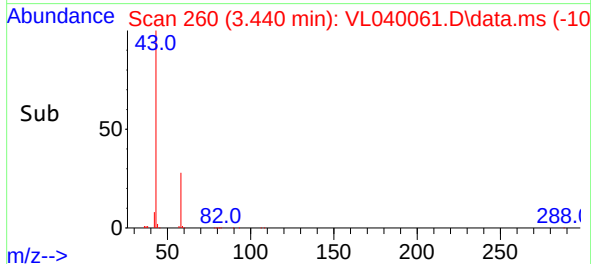
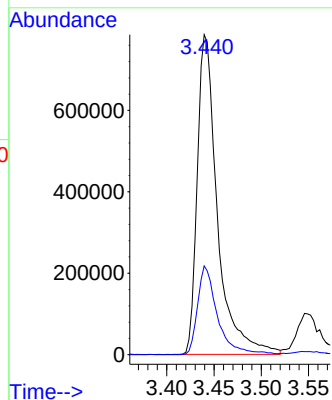
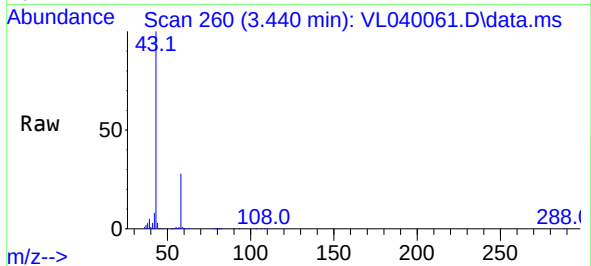
#15
Acetone
Concen: 8.307 ppbv
RT: 3.440 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1164508
Ion Ratio Lower Upper
43 100
58 27.3 21.8 32.8

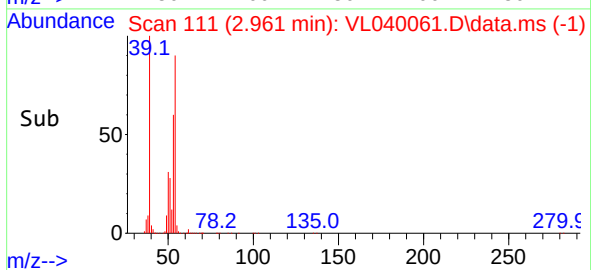
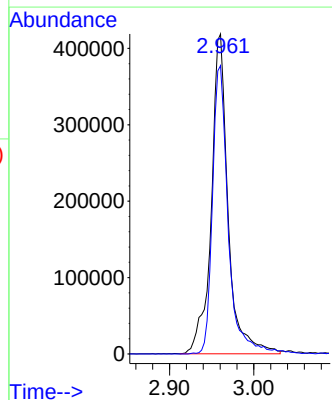
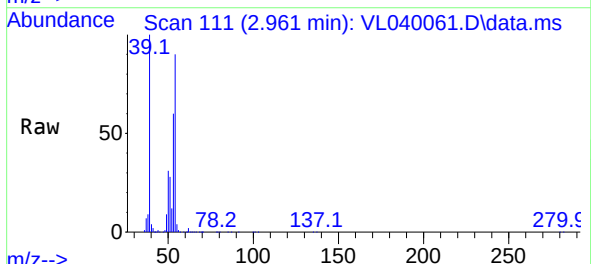
Manual Integrations
APPROVED

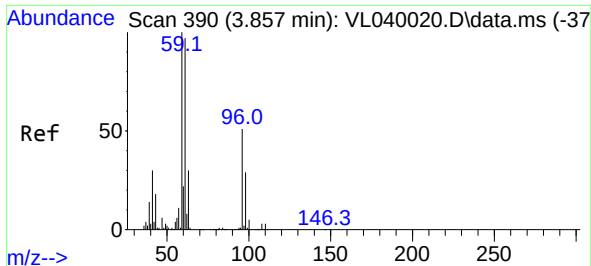
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#16
1,3-Butadiene
Concen: 9.553 ppbv
RT: 2.961 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

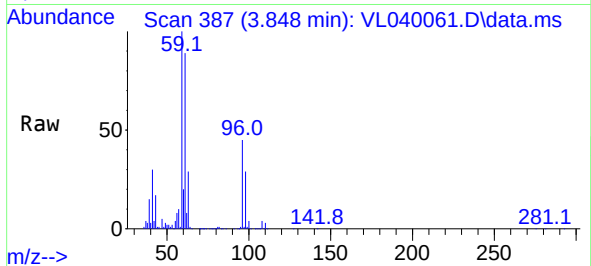
Tgt Ion: 39 Resp: 582100
Ion Ratio Lower Upper
39 100
54 84.8 68.3 102.5





#17
tert-Butyl alcohol
Concen: 8.922 ppbv
RT: 3.848 min Scan# 387
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

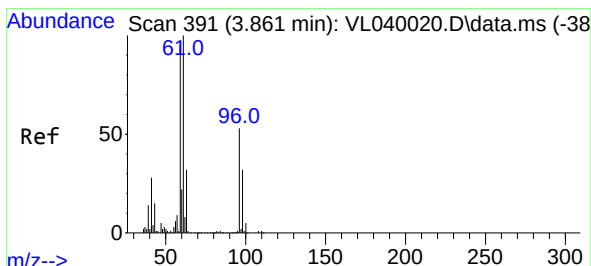
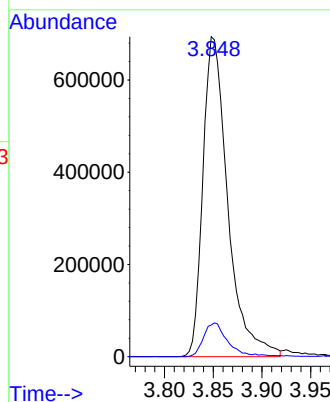
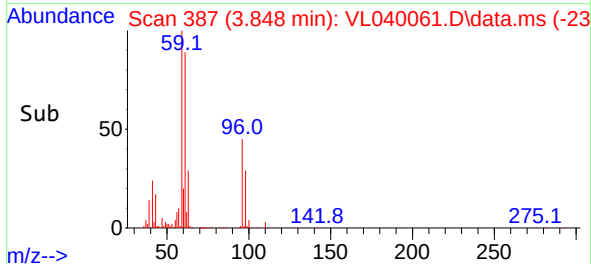
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



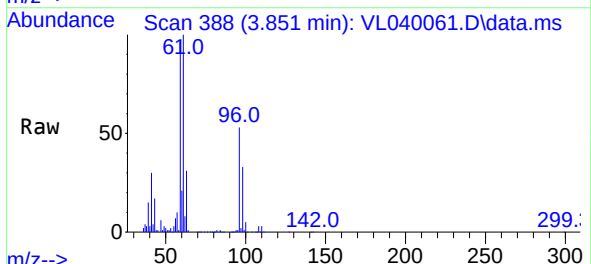
Tgt Ion: 59 Resp: 123295
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

Manual Integrations
APPROVED

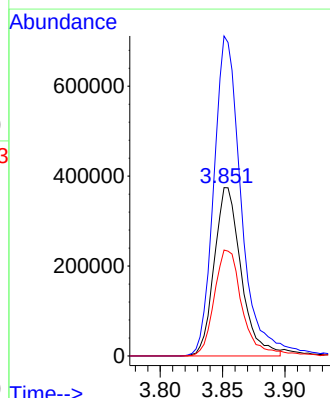
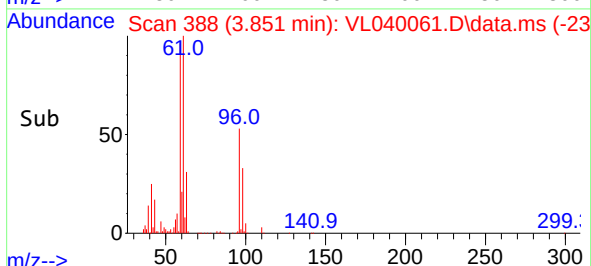
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

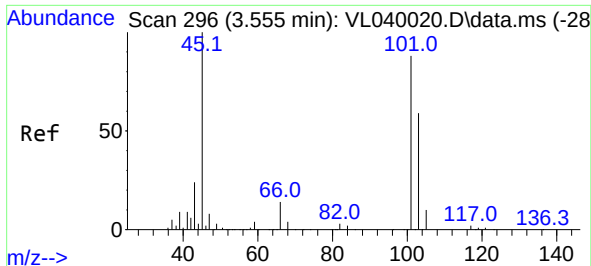


#18
1,1-Dichloroethene
Concen: 9.274 ppbv
RT: 3.851 min Scan# 388
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



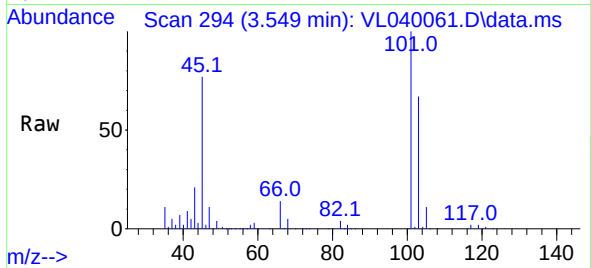
Tgt Ion: 96 Resp: 563470
Ion Ratio Lower Upper
96 100
61 190.0 151.0 226.6
98 62.9 47.7 71.5





#19
Isopropyl Alcohol
Concen: 9.000 ppbv
RT: 3.549 min Scan# 296
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

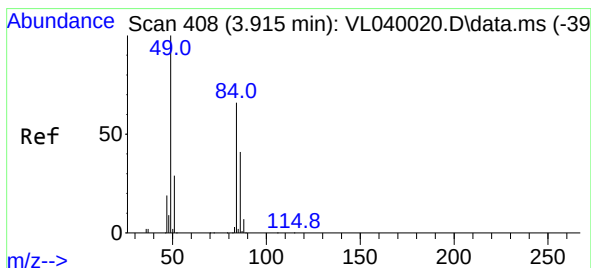
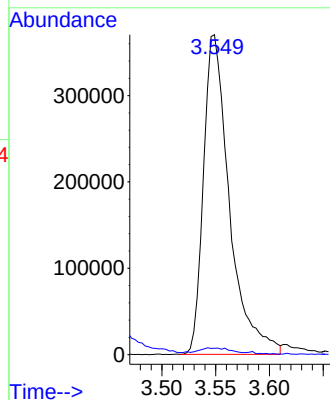
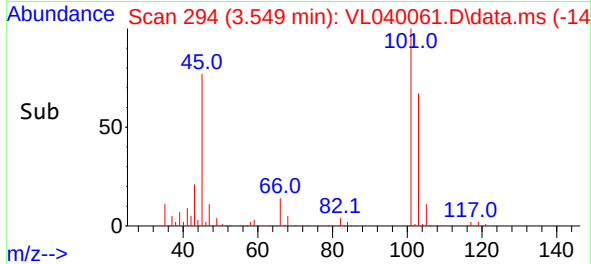
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



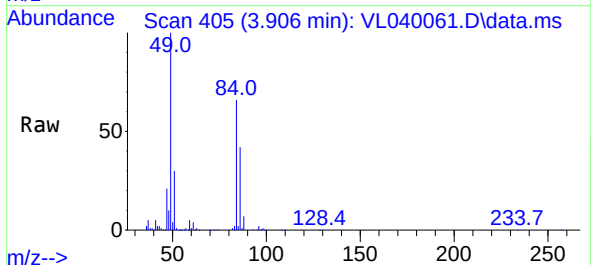
Tgt Ion: 45 Resp: 62178
Ion Ratio Lower Upper
45 100
58 2.9 1.7 2.5

Manual Integrations
APPROVED

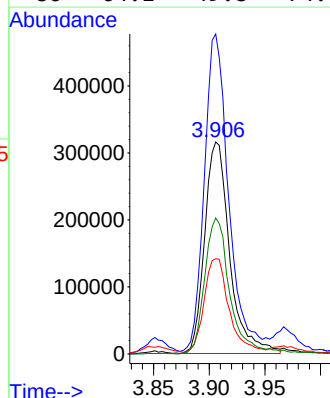
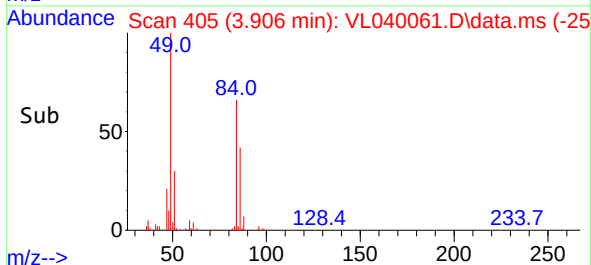
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

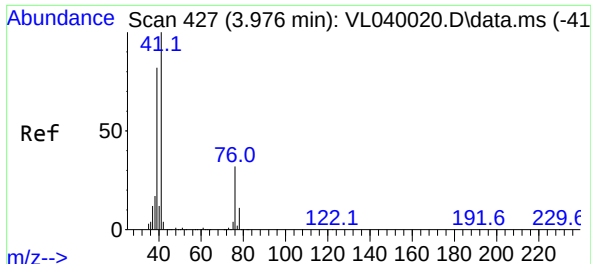


#20
Methylene Chloride
Concen: 8.317 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 84 Resp: 495567
Ion Ratio Lower Upper
84 100
49 150.0 120.5 180.7
51 43.9 35.2 52.8
86 64.1 49.8 74.6





#21

Allyl Chloride

Concen: 9.550 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040061.D

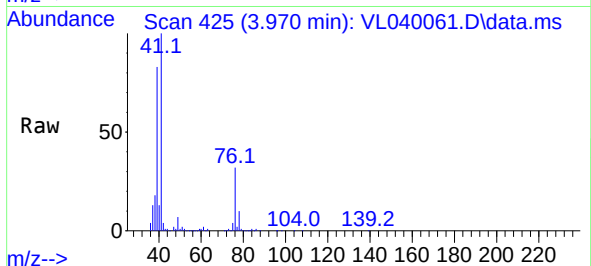
Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 41 Resp: 804458

Ion Ratio Lower Upper

41 100

76 32.4 25.9 38.9

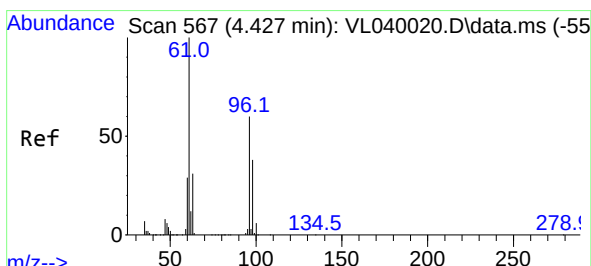
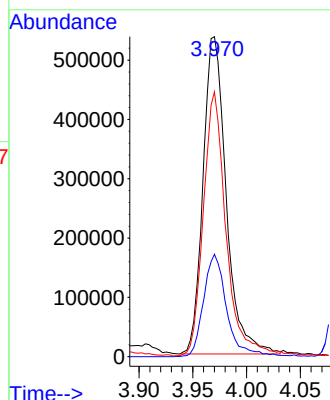
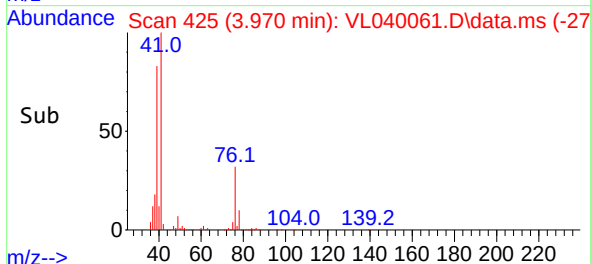
39 81.5 66.0 99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#22

trans-1,2-Dichloroethene

Concen: 9.623 ppbv

RT: 4.420 min Scan# 565

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

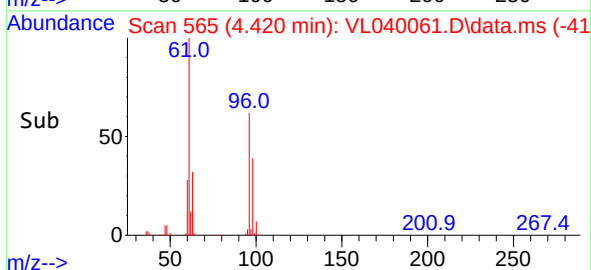
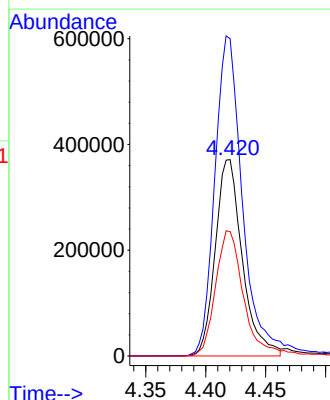
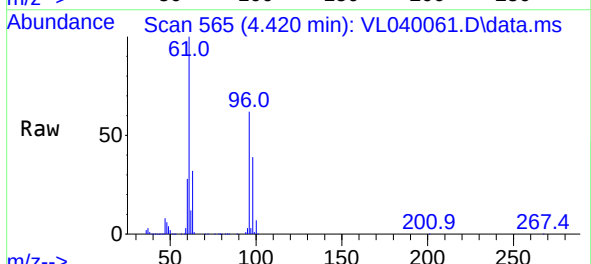
Tgt Ion: 96 Resp: 582744

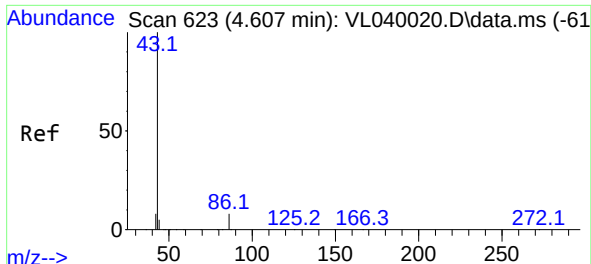
Ion Ratio Lower Upper

96 100

61 161.5 133.6 200.4

98 63.3 51.4 77.0





#23
 Vinyl Acetate
 Concen: 10.011 ppbv
 RT: 4.600 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

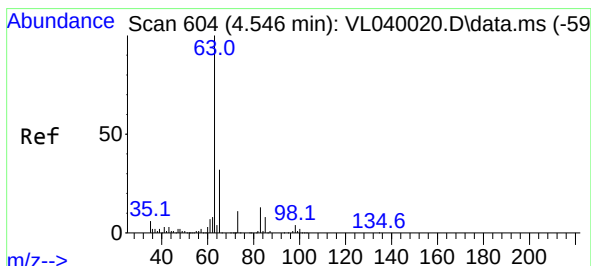
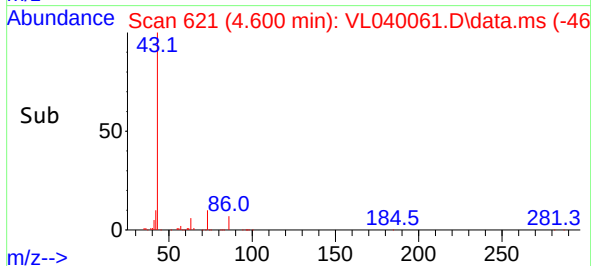
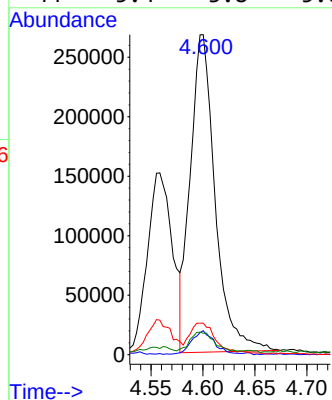
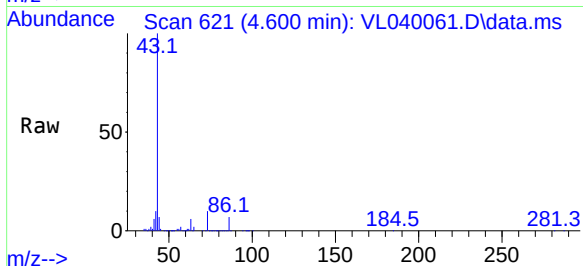
VSTDCCC010

Tgt Ion: 43 Resp: 444911
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.3 7.9
 42 9.4 7.4 11.0
 44 5.4 3.8 5.6

Manual Integrations

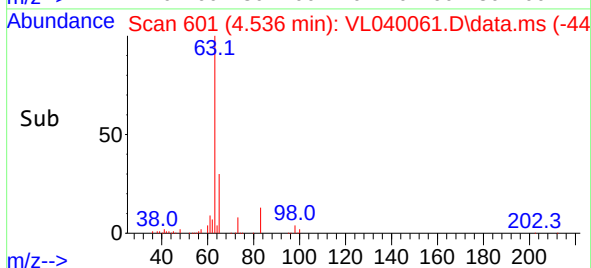
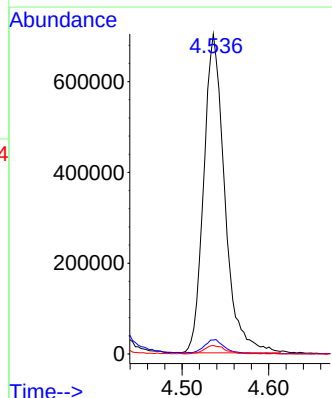
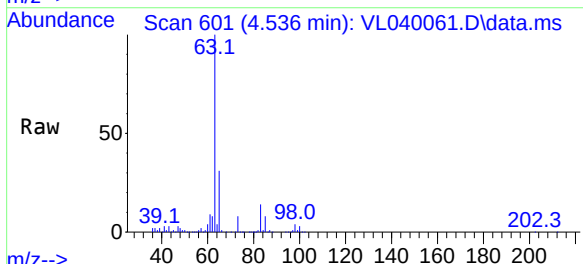
APPROVED

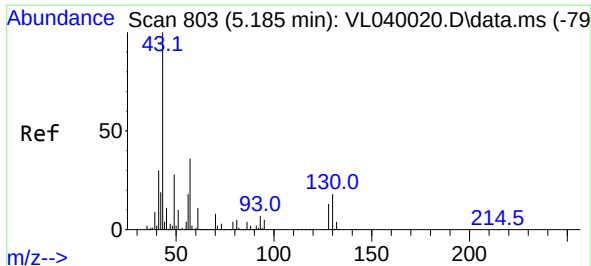
Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 9.090 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion: 63 Resp: 1186301
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.2
 100 2.6 1.1 3.3





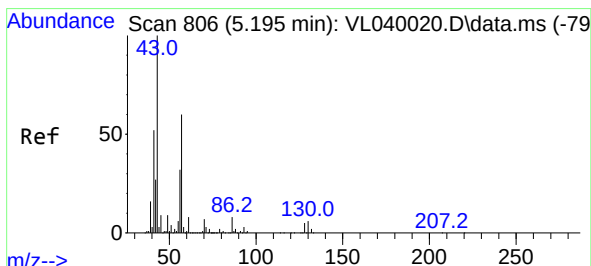
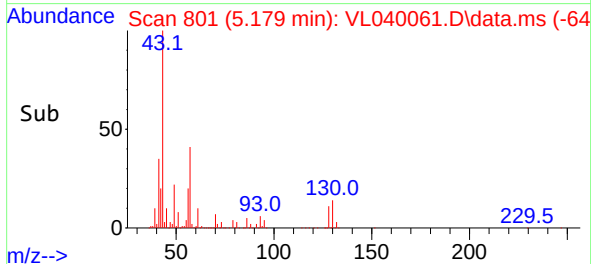
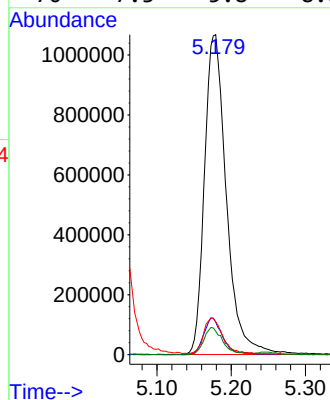
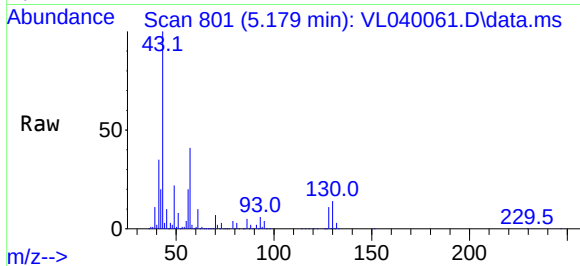
#25
Ethyl Acetate
Concen: 8.968 ppbv
RT: 5.179 min Scan# 803
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2177174
Ion Ratio Lower Upper
43 100
45 10.3 8.6 12.8
61 10.5 8.5 12.7
70 7.3 5.8 8.8

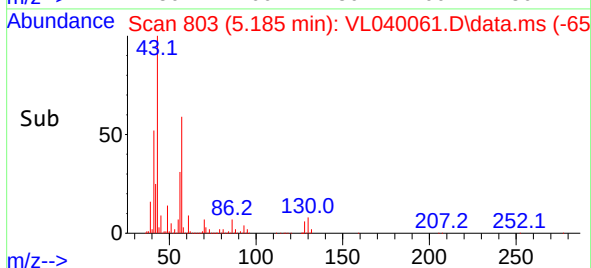
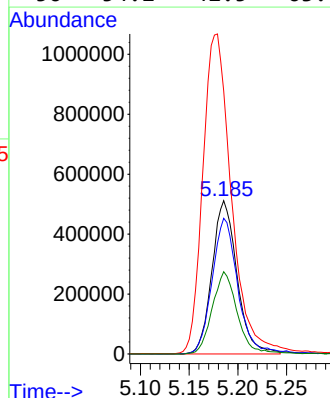
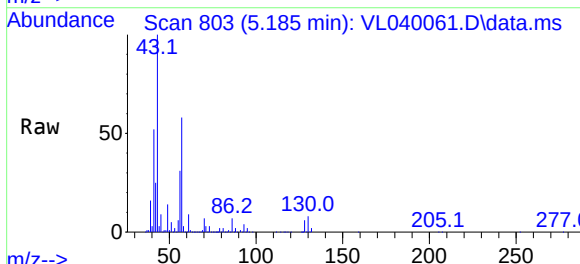
Manual Integrations
APPROVED

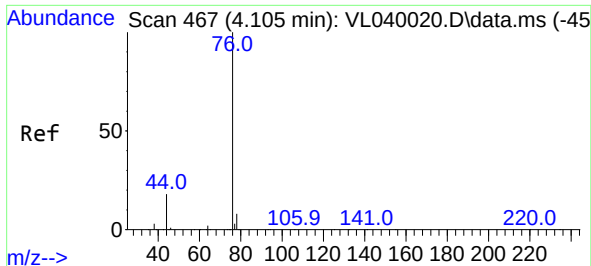
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#26
Hexane
Concen: 8.937 ppbv
RT: 5.185 min Scan# 803
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

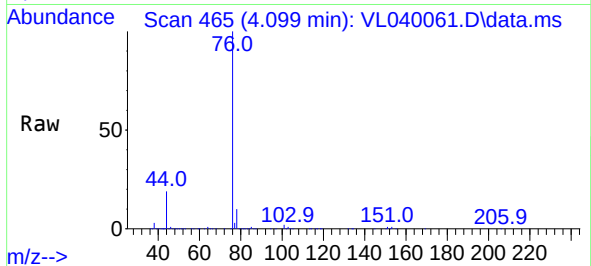
Tgt Ion: 57 Resp: 911843
Ion Ratio Lower Upper
57 100
41 91.8 72.1 108.1
43 240.8 192.1 288.1
56 54.2 42.5 63.7





#27
Carbon Disulfide
Concen: 11.105 ppbv
RT: 4.099 min Scan# 40
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

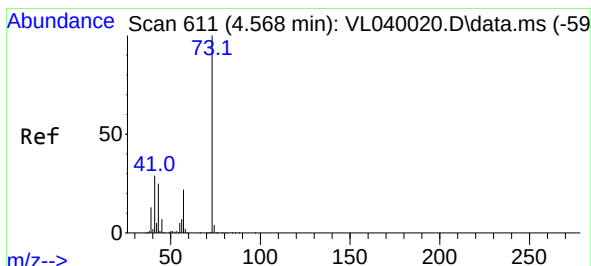
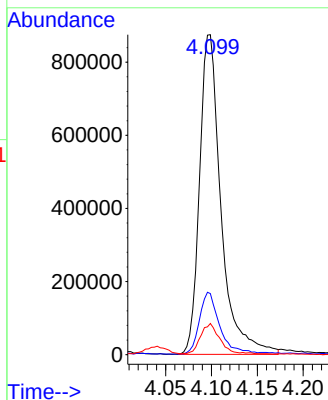
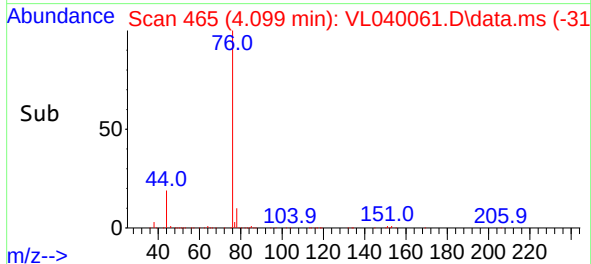
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1429180
Ion Ratio Lower Upper
76 100
44 18.7 15.3 22.9
78 9.3 7.8 11.6

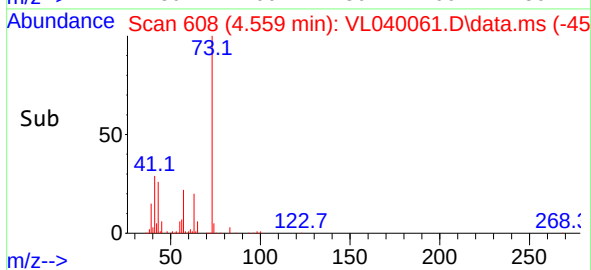
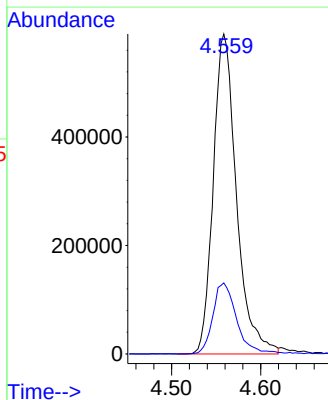
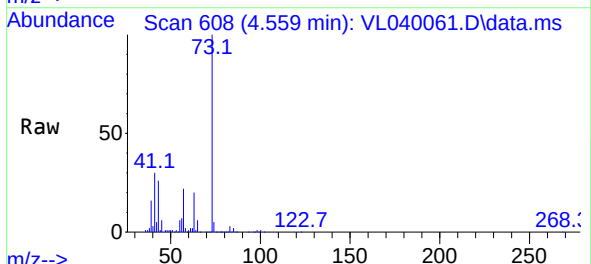
Manual Integrations
APPROVED

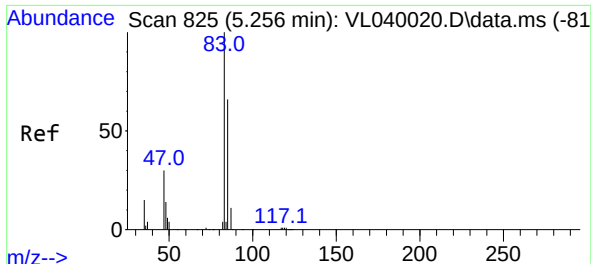
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#28
Methyl tert-Butyl Ether
Concen: 8.885 ppbv
RT: 4.559 min Scan# 608
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 73 Resp: 1068494
Ion Ratio Lower Upper
73 100
57 23.1 18.6 28.0





#29

Chloroform

Concen: 9.098 ppbv

RT: 5.247 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1416654

Ion Ratio Lower Upper

83 100

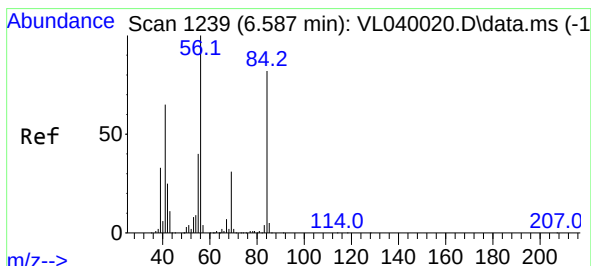
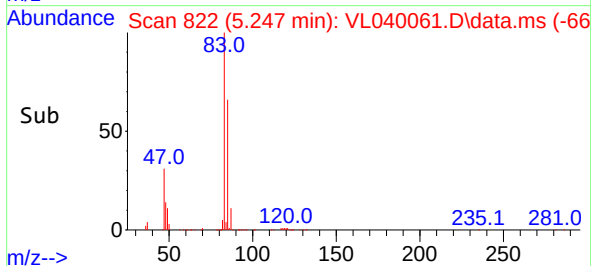
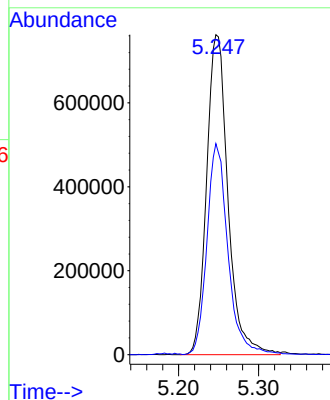
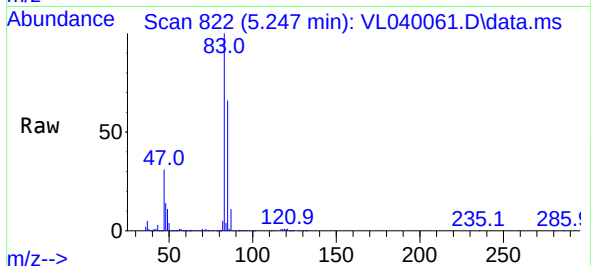
85 65.7 52.4 78.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#30

Cyclohexane

Concen: 9.168 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.013 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

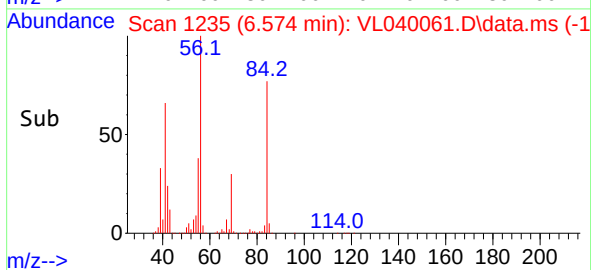
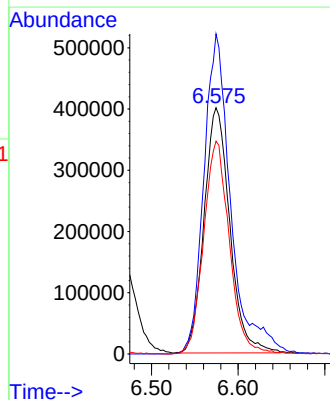
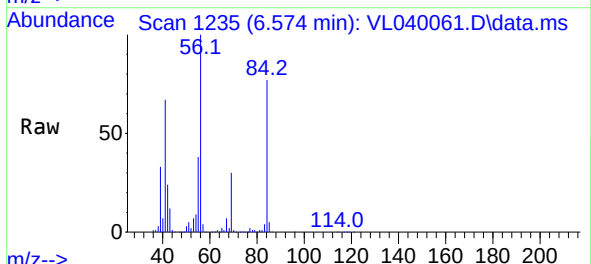
Tgt Ion: 84 Resp: 828411

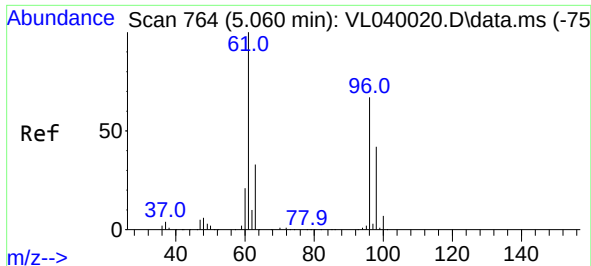
Ion Ratio Lower Upper

84 100

56 136.8 110.2 165.4

41 87.0 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.230 ppbv
 RT: 5.050 min Scan# 70
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

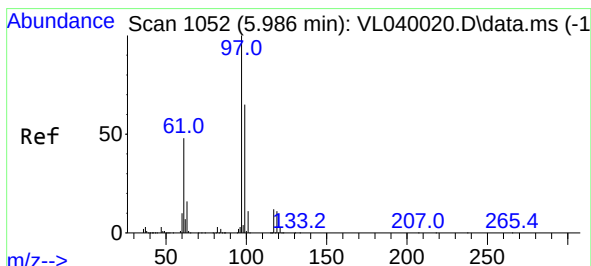
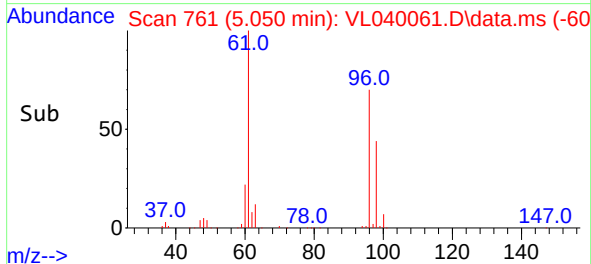
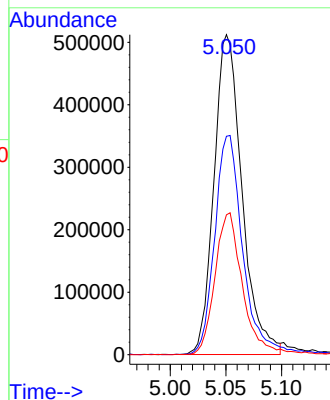
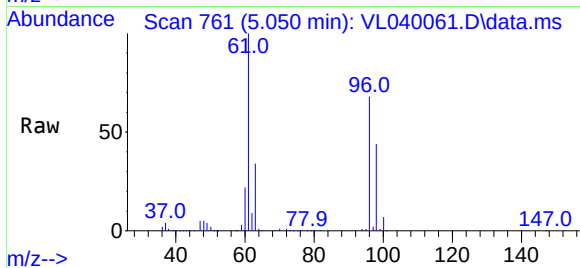
VSTDCCC010

Tgt Ion: 61 Resp: 896909
 Ion Ratio Lower Upper
 61 100
 96 68.2 53.4 80.2
 98 43.7 33.4 50.0

Manual Integrations

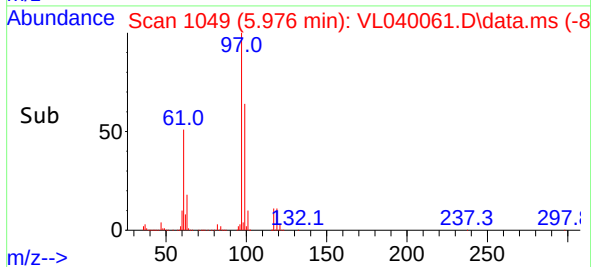
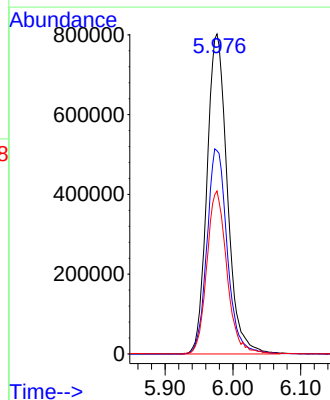
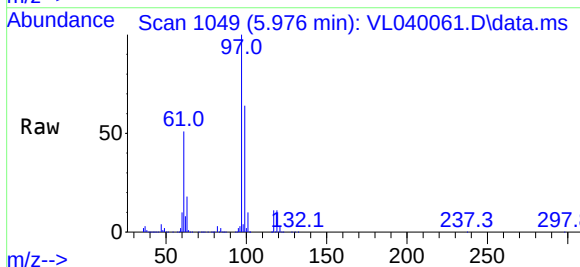
APPROVED

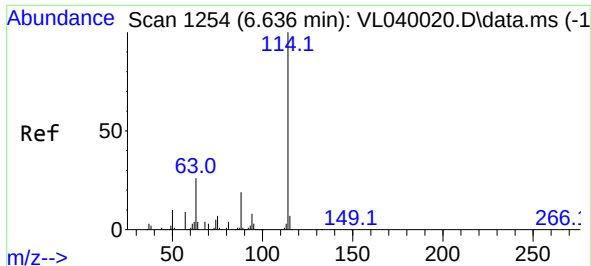
Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.024 ppbv
 RT: 5.976 min Scan# 1049
 Delta R.T. -0.010 min
 Lab File: VL040061.D
 Acq: 22 Dec 2022 10:11

Tgt Ion: 97 Resp: 1671014
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.8 77.6
 61 50.6 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 2509029

Ion Ratio Lower Upper

114 100

63 26.1 20.2 30.2

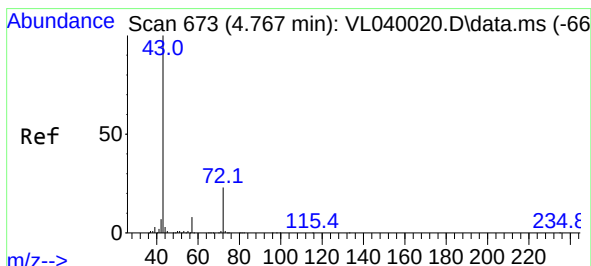
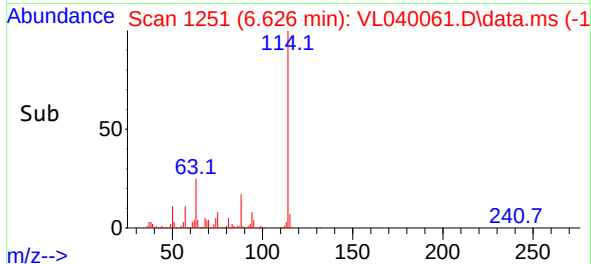
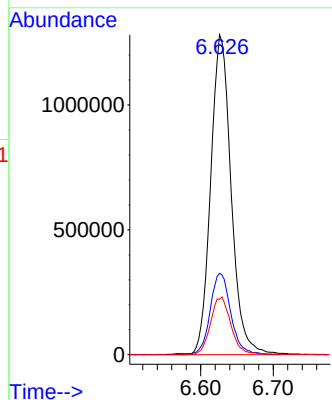
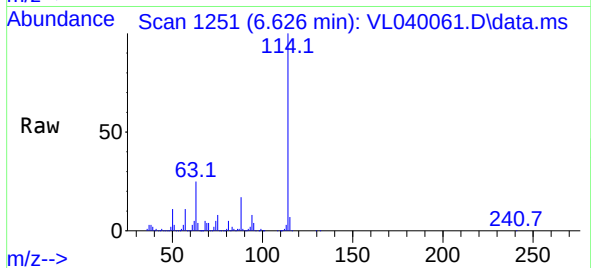
88 18.1 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#34

2-Butanone

Concen: 9.468 ppbv

RT: 4.758 min Scan# 670

Delta R.T. -0.010 min

Lab File: VL040061.D

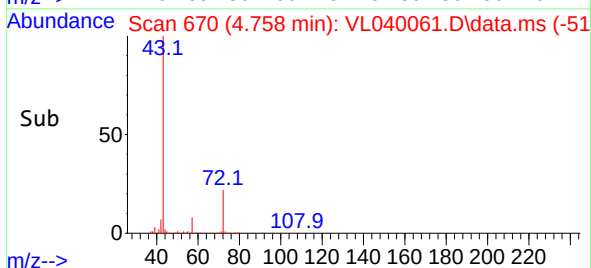
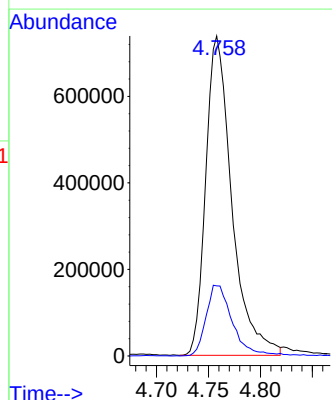
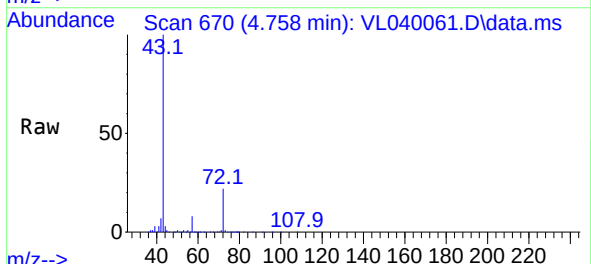
Acq: 22 Dec 2022 10:11

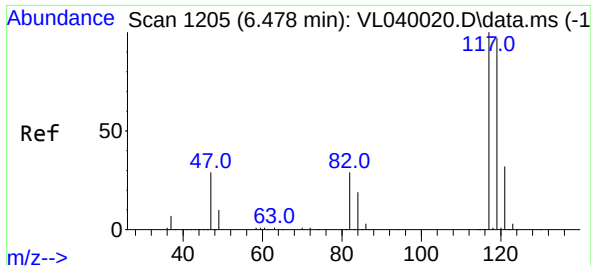
Tgt Ion: 43 Resp: 1288674

Ion Ratio Lower Upper

43 100

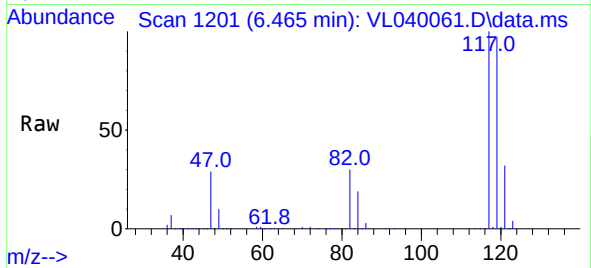
72 23.0 18.0 27.0





#35
Carbon Tetrachloride
Concen: 11.047 ppbv
RT: 6.465 min Scan# 1163
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

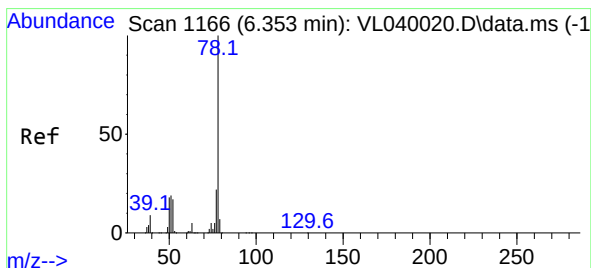
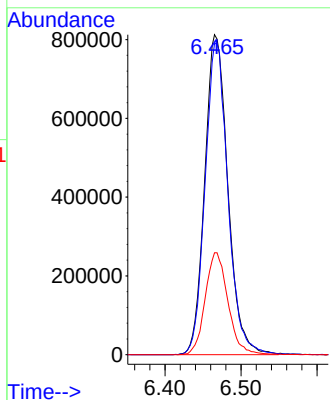
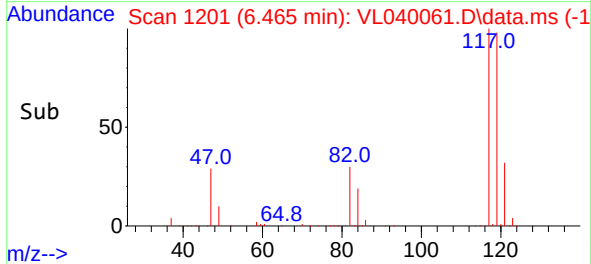
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



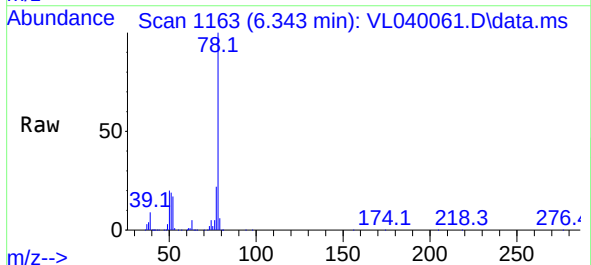
Tgt Ion: 117 Resp: 172160
Ion Ratio Lower Upper
117 100
119 97.2 77.3 115.9
121 31.9 25.4 38.0

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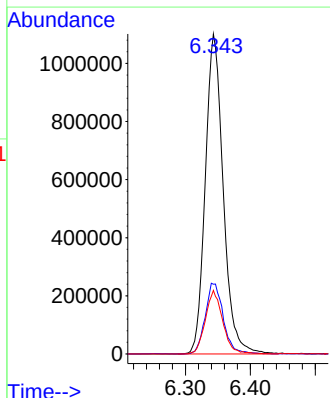
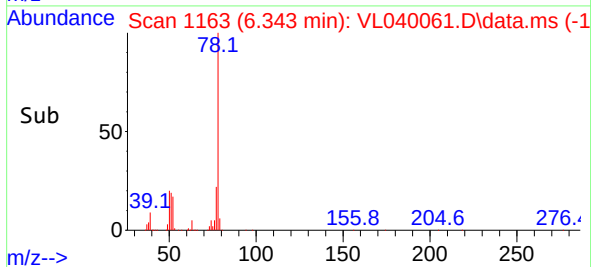
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

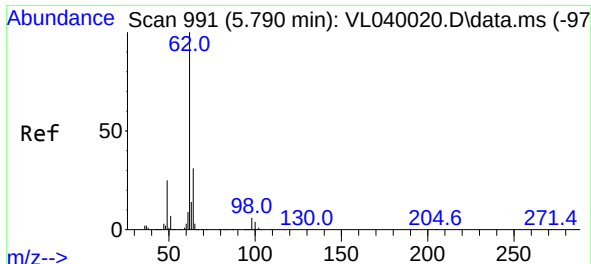


#36
Benzene
Concen: 9.444 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 78 Resp: 2116329
Ion Ratio Lower Upper
78 100
77 21.8 17.5 26.3
50 19.9 14.2 21.2





#37

1,2-Dichloroethane

Concen: 9.827 ppbv

RT: 5.777 min Scan# 9

Delta R.T. -0.013 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 129173

Ion Ratio Lower Upper

62 100

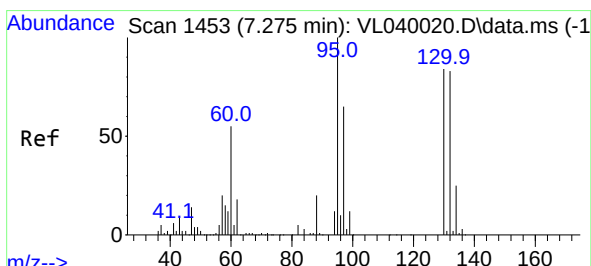
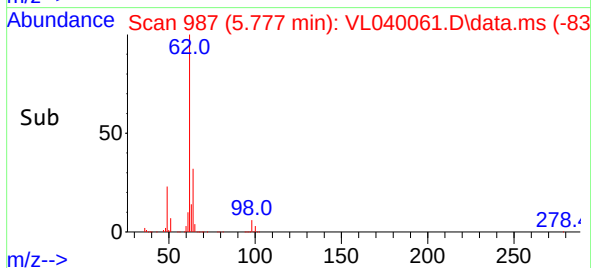
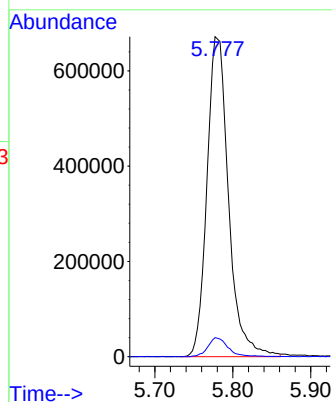
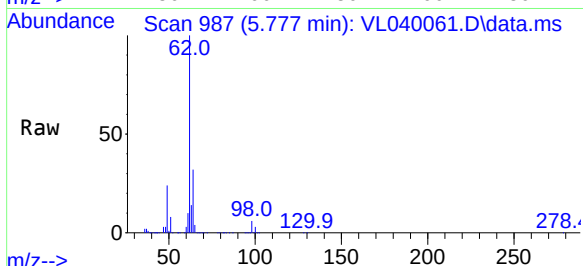
98 5.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#38

Trichloroethene

Concen: 10.671 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion:130 Resp: 1228795

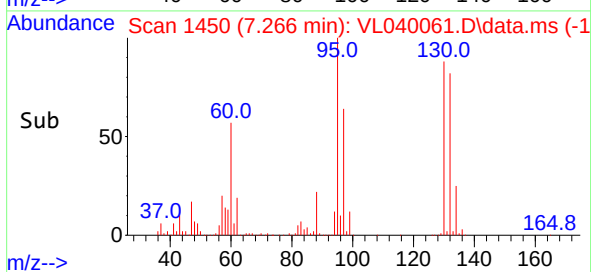
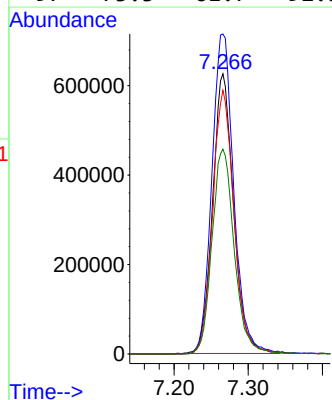
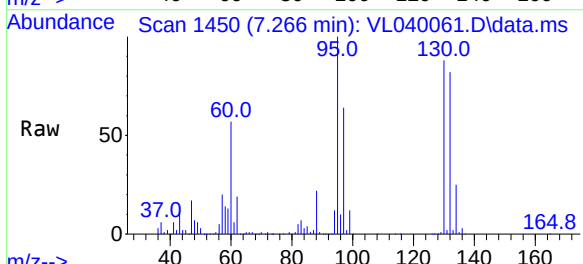
Ion Ratio Lower Upper

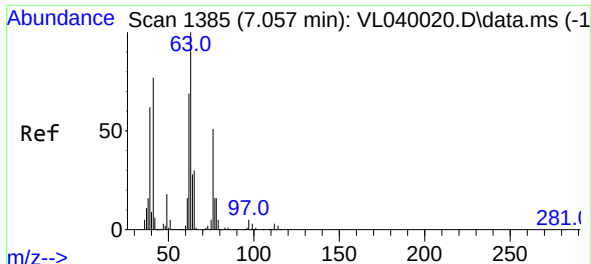
130 100

95 114.4 94.8 142.2

132 94.3 78.2 117.4

97 73.3 61.7 92.5





#39

1,2-Dichloropropane

Concen: 9.544 ppbv

RT: 7.047 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 801639

Ion Ratio Lower Upper

63 100

41 70.8 61.4 92.0

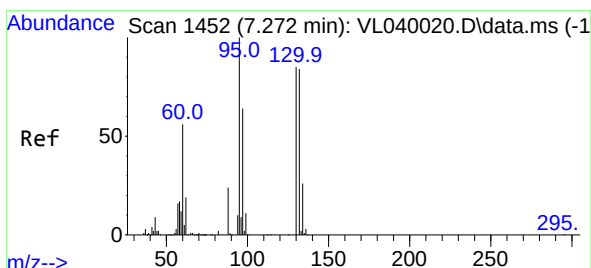
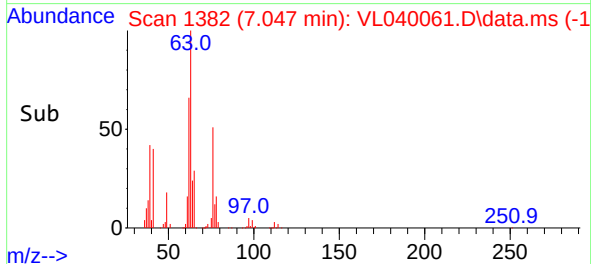
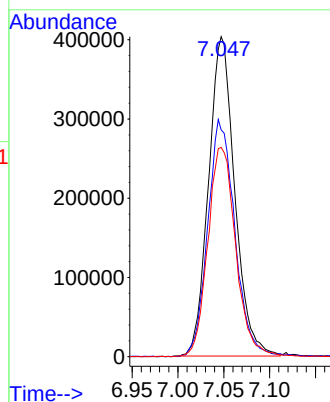
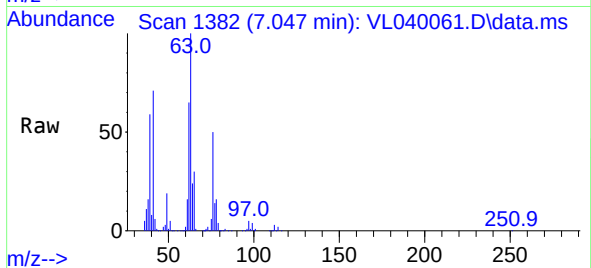
62 65.4 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#40

1,4-Dioxane

Concen: 8.884 ppbv

RT: 7.263 min Scan# 1449

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion: 88 Resp: 336314

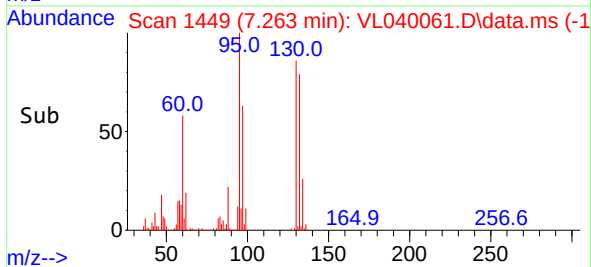
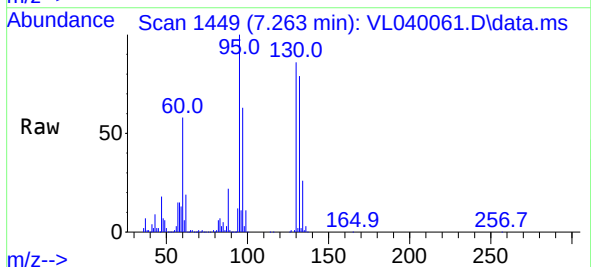
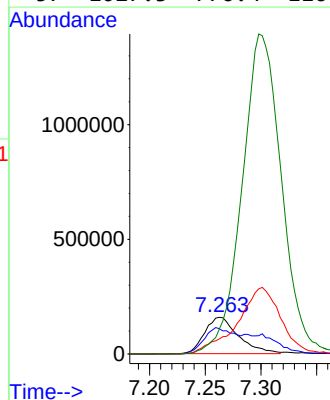
Ion Ratio Lower Upper

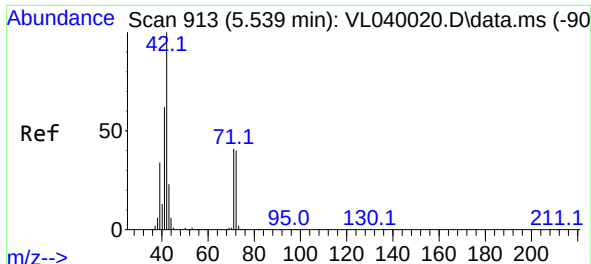
88 100

58 121.5 92.7 139.1

43 235.7 174.6 261.8

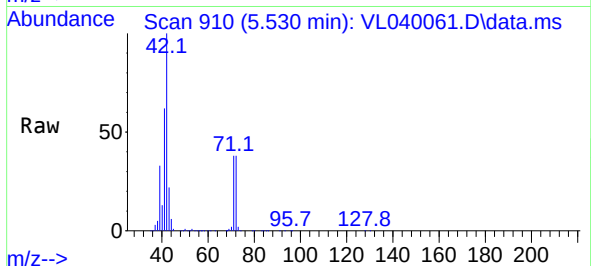
57 1027.3 776.4 1164.6





#41
Tetrahydrofuran
Concen: 9.350 ppbv
RT: 5.530 min Scan# 913
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

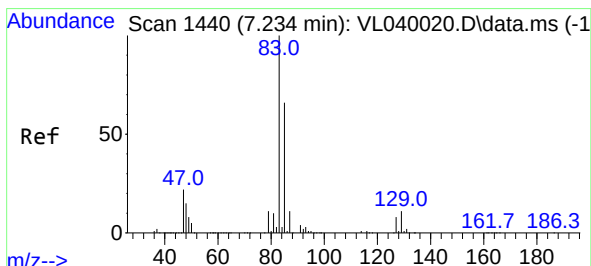
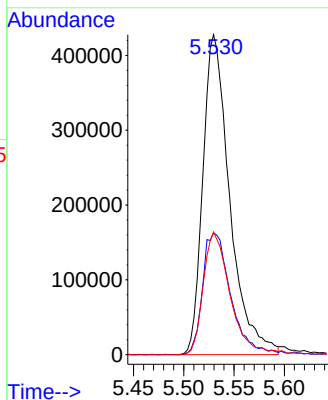
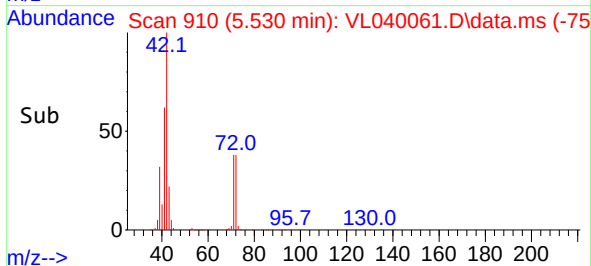
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



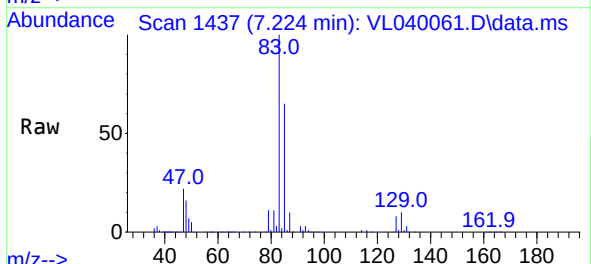
Tgt Ion: 42 Resp: 794385
Ion Ratio Lower Upper
42 100
72 40.4 32.9 49.3
71 39.0 32.2 48.2

Manual Integrations
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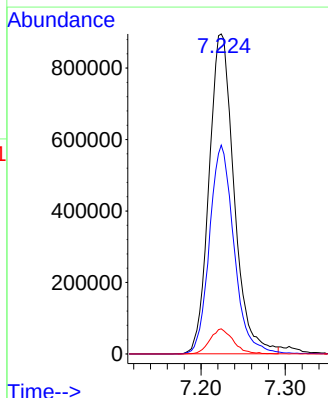
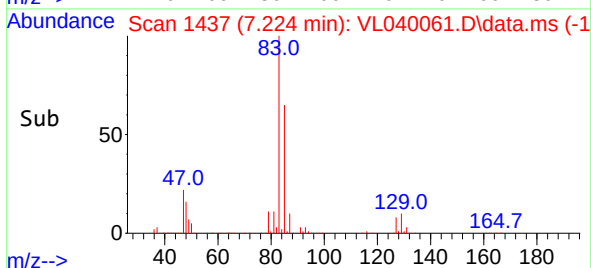
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

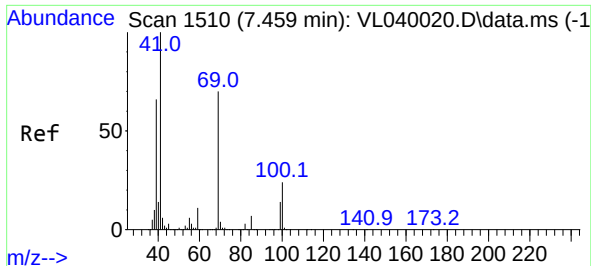


#42
Bromodichloromethane
Concen: 10.258 ppbv
RT: 7.224 min Scan# 1437
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 83 Resp: 1847404
Ion Ratio Lower Upper
83 100
85 65.3 53.0 79.6
127 7.8 6.2 9.2





#43

Methyl Methacrylate

Concen: 9.904 ppbv

RT: 7.449 min Scan# 1

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 832885

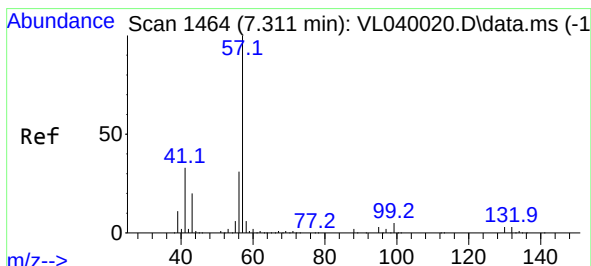
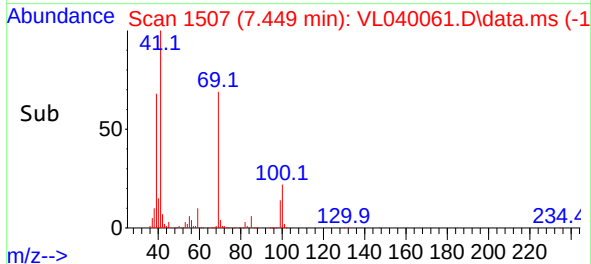
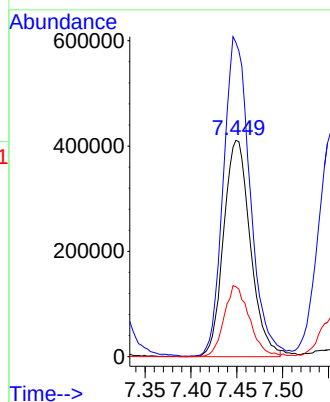
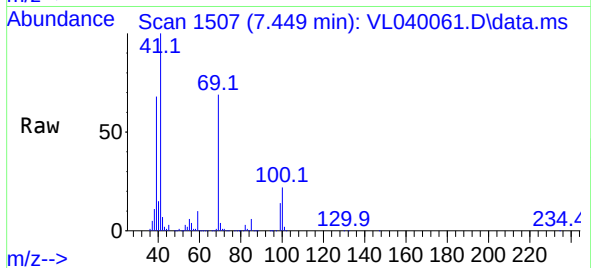
Ion	Ratio	Lower	Upper
69	100		
41	147.6	115.7	173.5
100	31.3	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#44

2,2,4-Trimethylpentane

Concen: 9.334 ppbv

RT: 7.298 min Scan# 1460

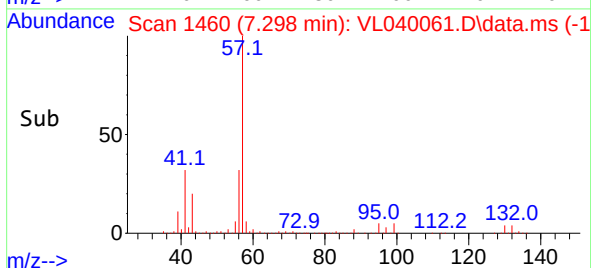
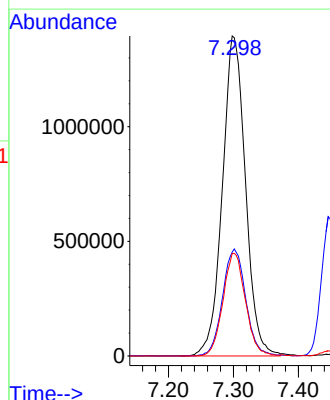
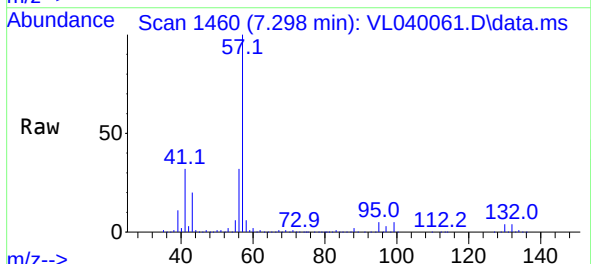
Delta R.T. -0.013 min

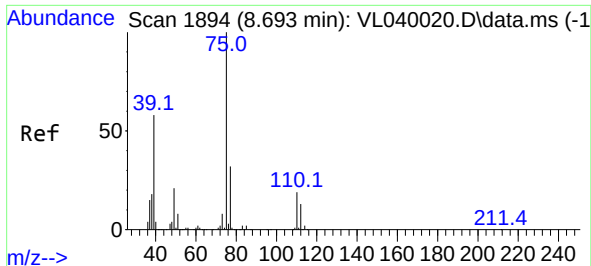
Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Tgt Ion: 57 Resp: 3443209

Ion	Ratio	Lower	Upper
57	100		
41	33.6	26.2	39.4
56	31.3	25.1	37.7





#45

t-1,3-Dichloropropene

Concen: 11.301 ppbv

RT: 8.684 min Scan# 1715

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 803260

Ion Ratio Lower Upper

75 100

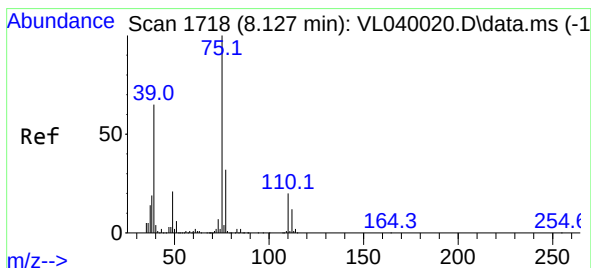
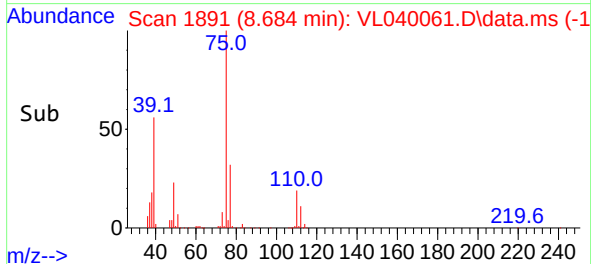
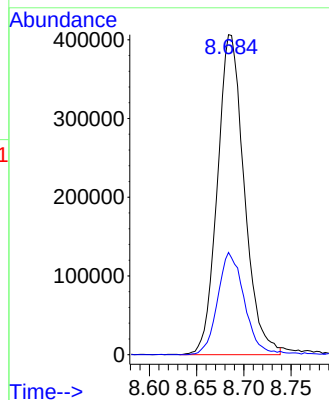
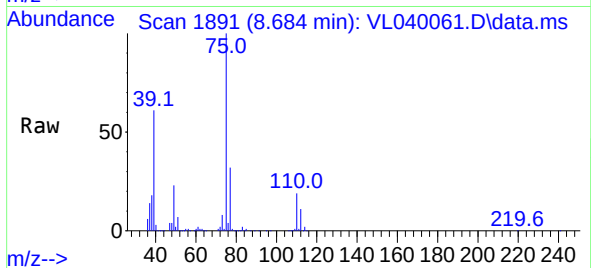
77 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

cis-1,3-Dichloropropene

Concen: 10.763 ppbv

RT: 8.118 min Scan# 1715

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

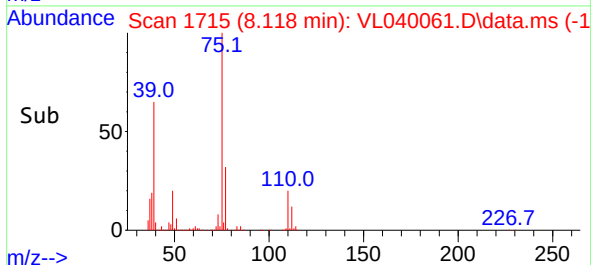
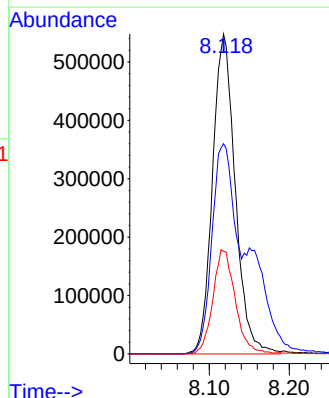
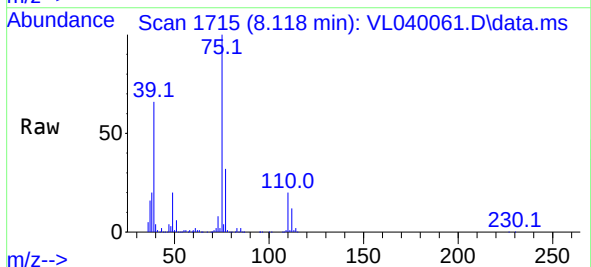
Tgt Ion: 75 Resp: 1079007

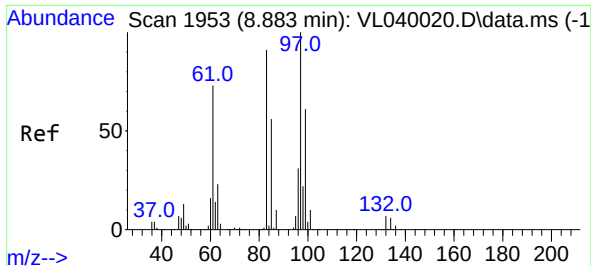
Ion Ratio Lower Upper

75 100

39 65.7 51.7 77.5

77 32.1 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.385 ppbv

RT: 8.873 min Scan# 1953

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 863239

Ion Ratio Lower Upper

97 100

83 88.9 72.5 108.7

85 56.4 45.0 67.6

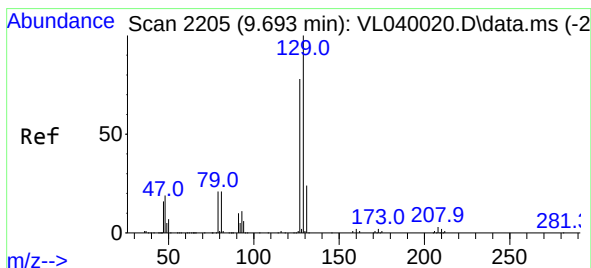
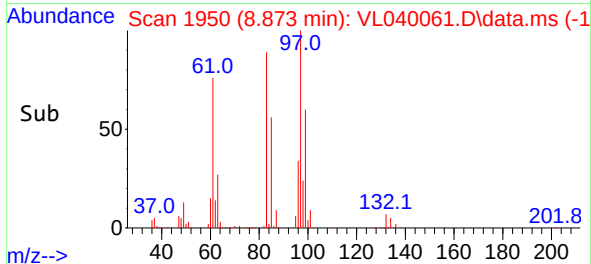
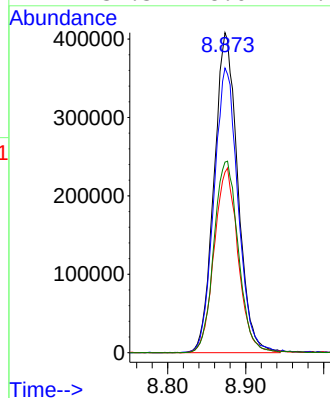
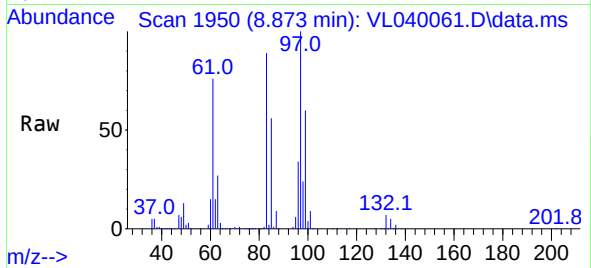
99 59.5 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#48

Dibromochloromethane

Concen: 10.382 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VL040061.D

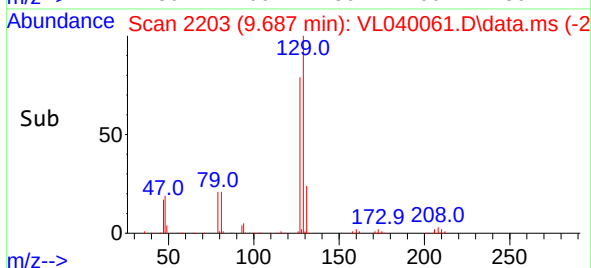
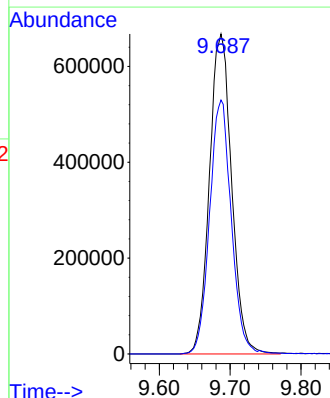
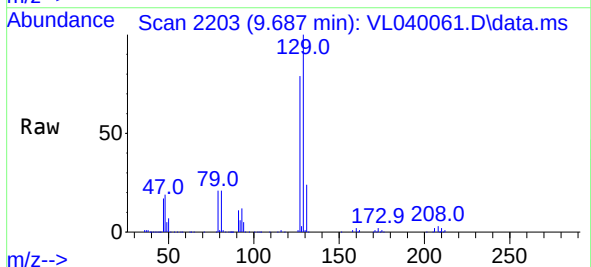
Acq: 22 Dec 2022 10:11

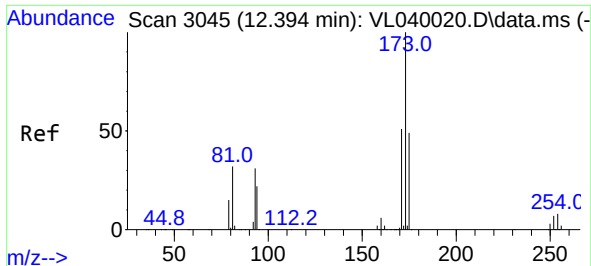
Tgt Ion:129 Resp: 1452293

Ion Ratio Lower Upper

129 100

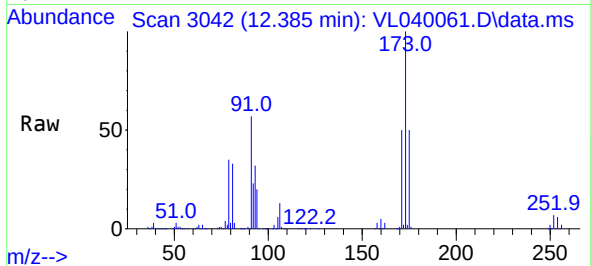
127 77.6 39.4 118.1





#49
Bromoform
Concen: 9.945 ppbv
RT: 12.385 min Scan# 3045
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

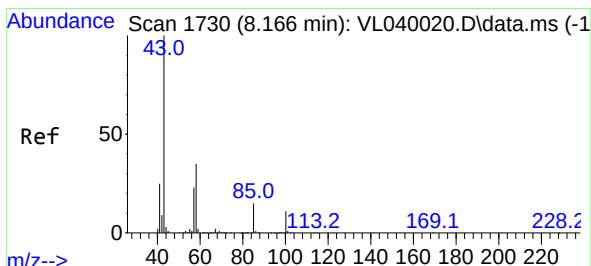
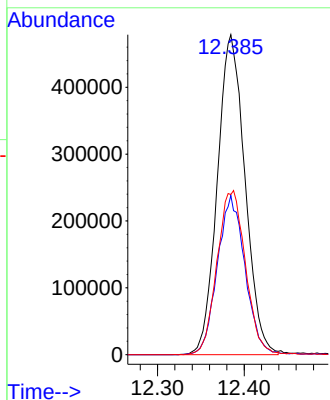
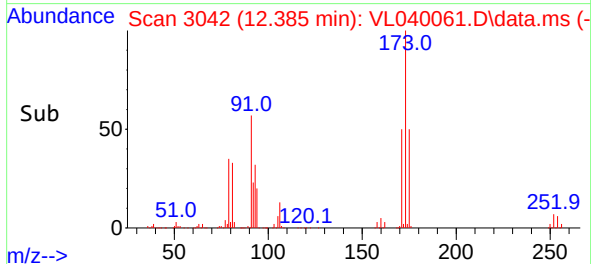
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



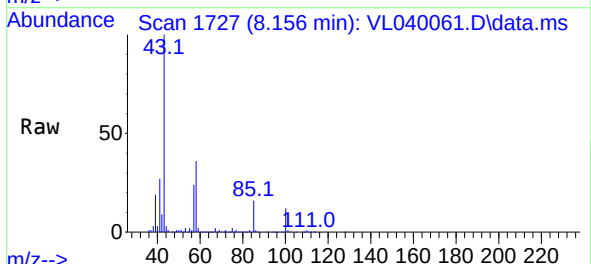
Tgt Ion: 173 Resp: 1061300
Ion Ratio Lower Upper
173 100
175 49.9 39.0 58.4
171 53.0 42.0 63.0

Manual Integrations
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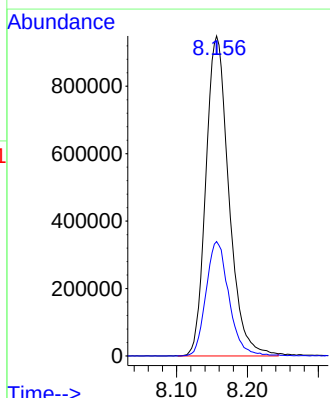
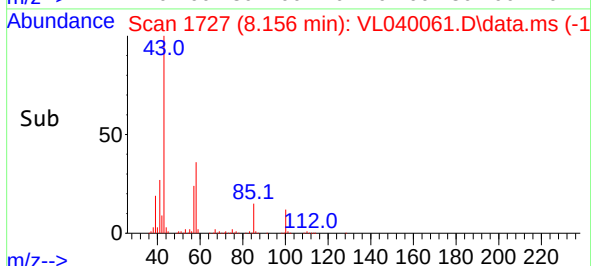
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

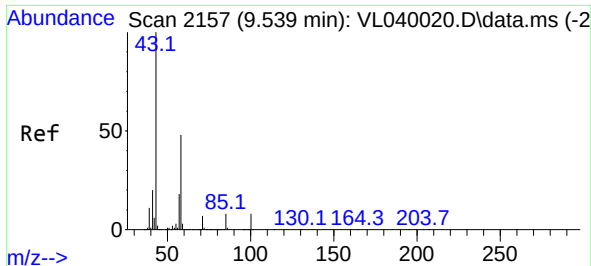


#50
4-Methyl-2-Pentanone
Concen: 9.620 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



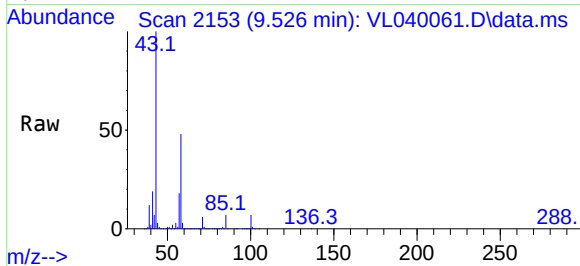
Tgt Ion: 43 Resp: 2139149
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4





#51
2-Hexanone
Concen: 9.562 ppbv
RT: 9.526 min Scan# 2153
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

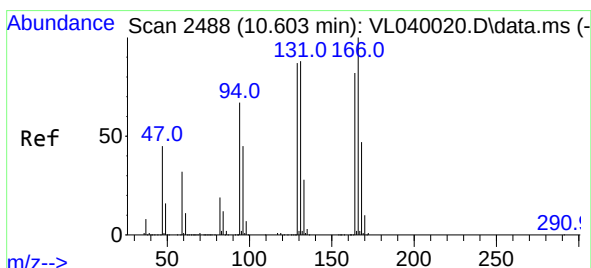
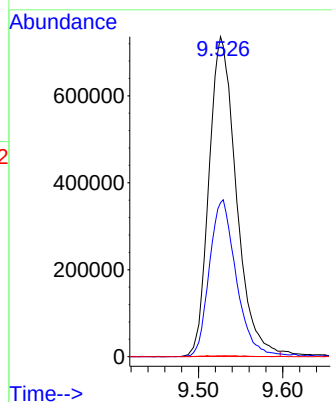
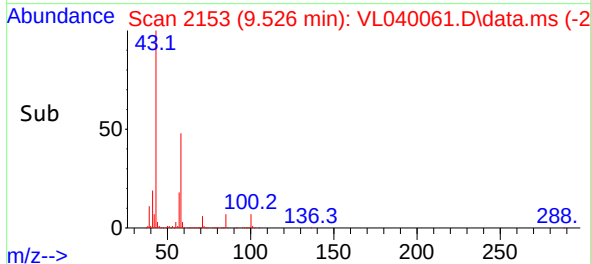
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



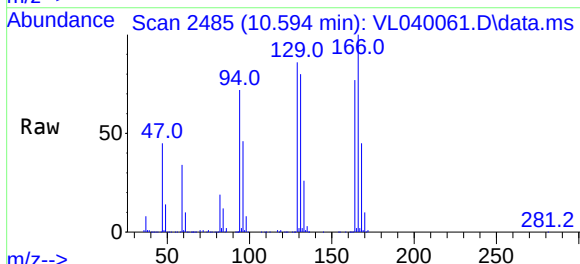
Tgt Ion: 43 Resp: 165402
Ion Ratio Lower Upper
43 100
58 49.0 39.4 59.2
98 0.5 0.2 0.4

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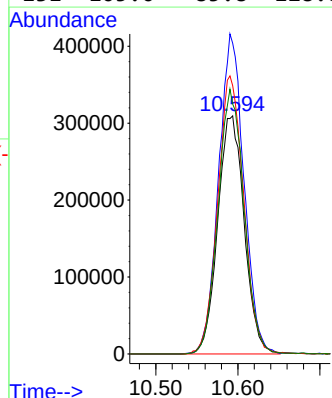
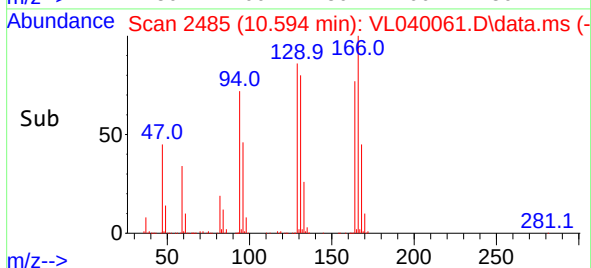
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

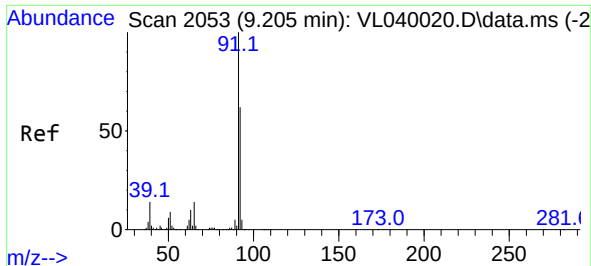


#52
Tetrachloroethene
Concen: 9.110 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



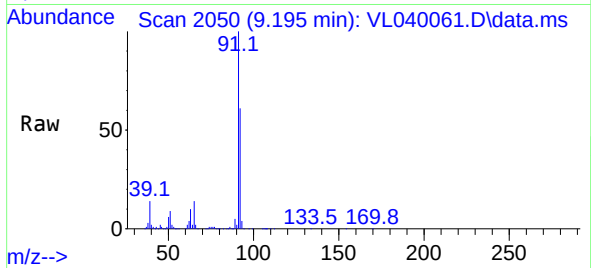
Tgt Ion:164 Resp: 694066
Ion Ratio Lower Upper
164 100
166 130.5 97.4 146.0
129 112.7 84.3 126.5
131 105.0 85.8 128.8





#53
Toluene
Concen: 9.537 ppbv
RT: 9.195 min Scan# 2053
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

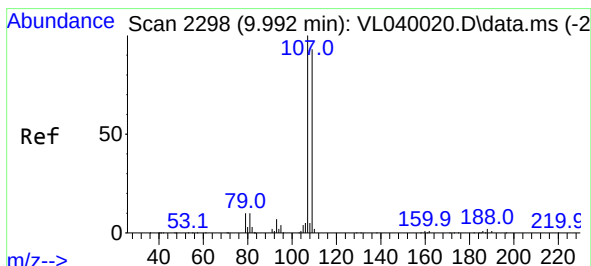
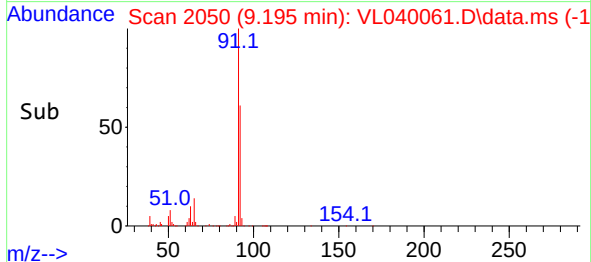
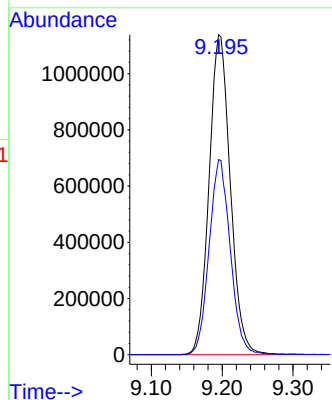
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 2366078
Ion Ratio Lower Upper
91 100
92 61.0 48.7 73.1

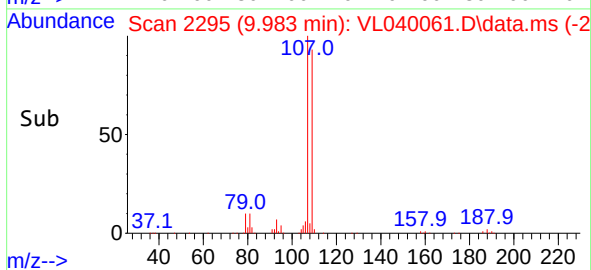
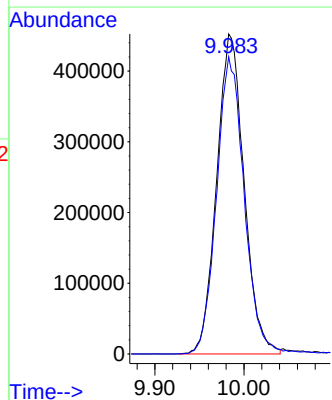
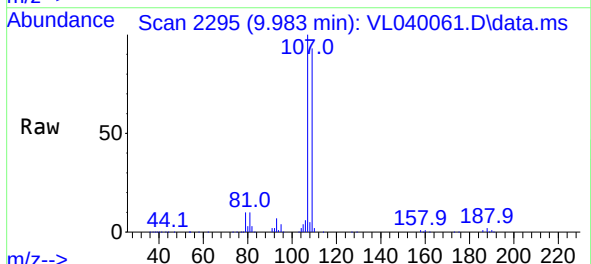
Manual Integrations
APPROVED

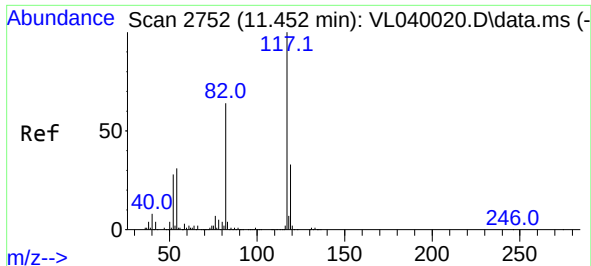
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#54
1,2-Dibromoethane
Concen: 9.758 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

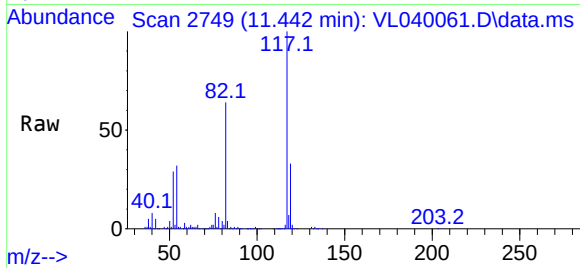
Tgt Ion:107 Resp: 966552
Ion Ratio Lower Upper
107 100
109 92.8 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.442 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

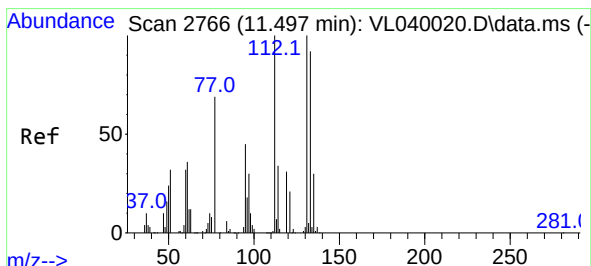
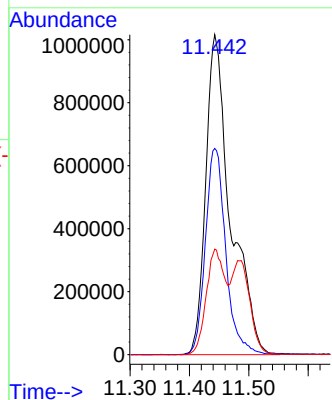
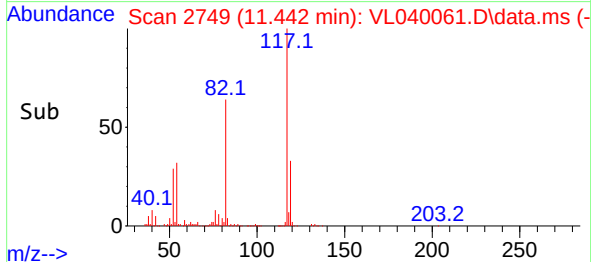
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



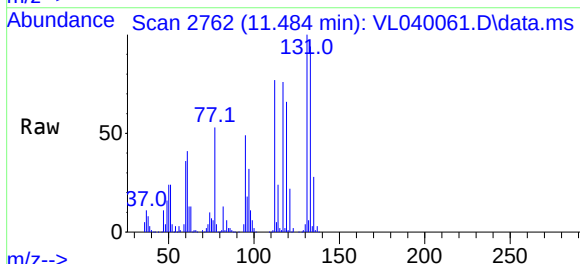
Tgt Ion:117 Resp: 2954329
Ion Ratio Lower Upper
117 100
82 53.0 51.2 76.8
119 26.4 23.2 34.8

Manual Integrations
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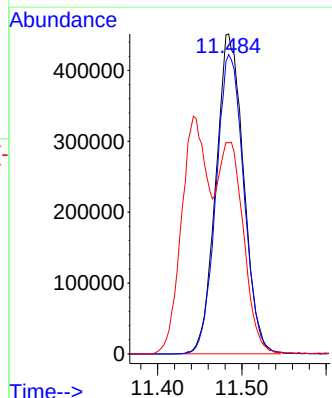
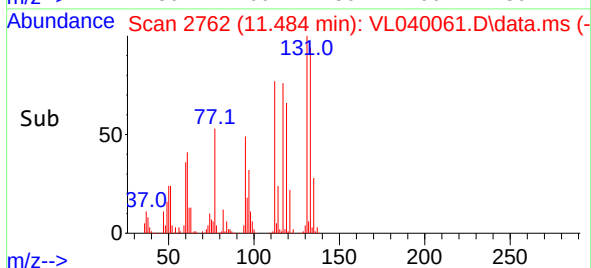
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

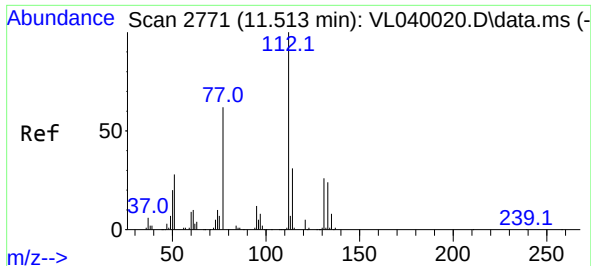


#56
1,1,1,2-Tetrachloroethane
Concen: 7.537 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion:131 Resp: 1027187
Ion Ratio Lower Upper
131 100
133 94.3 75.8 113.8
119 67.8 52.3 78.5





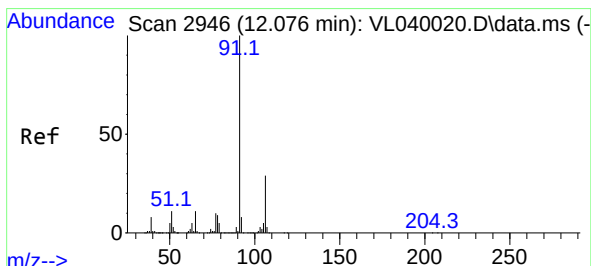
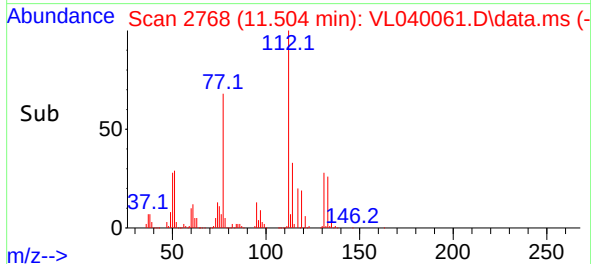
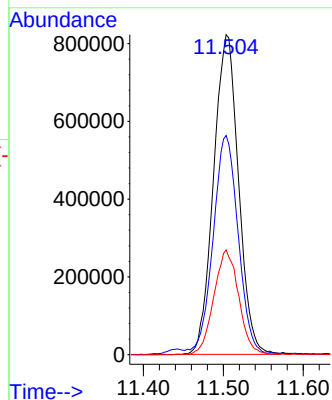
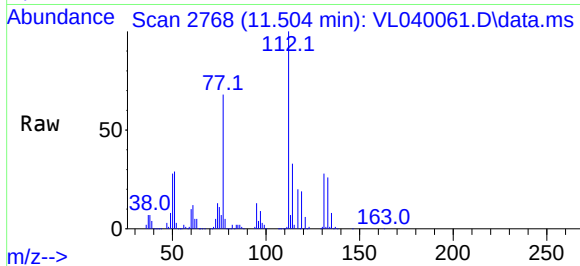
#57
Chlorobenzene
Concen: 7.105 ppbv
RT: 11.504 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 178175
Ion Ratio Lower Upper
112 100
77 68.1 50.6 75.8
114 32.6 27.8 34.0

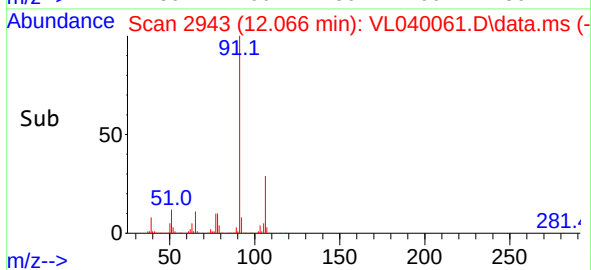
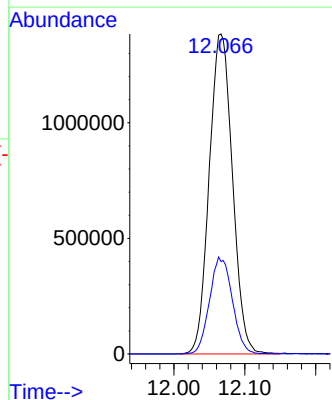
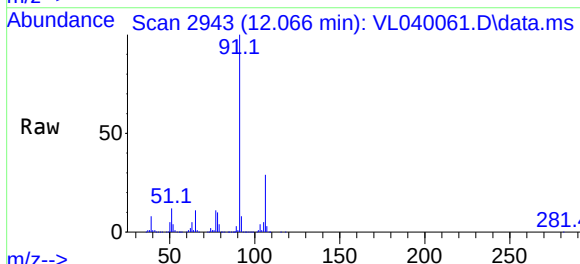
Manual Integrations
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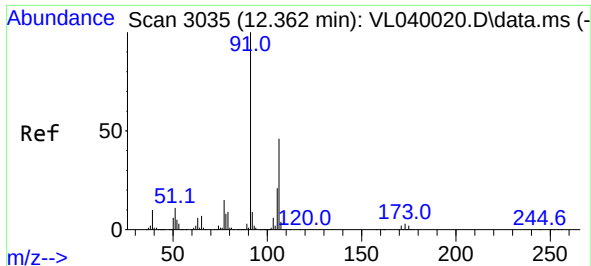
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#58
Ethyl Benzene
Concen: 7.505 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 91 Resp: 3150429
Ion Ratio Lower Upper
91 100
106 28.9 23.5 35.3





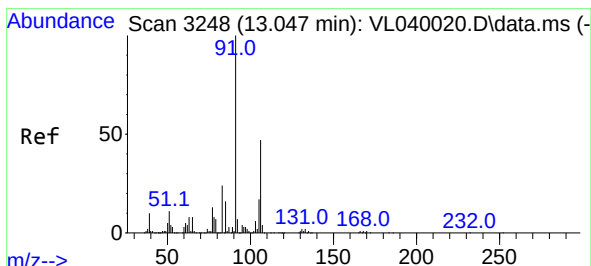
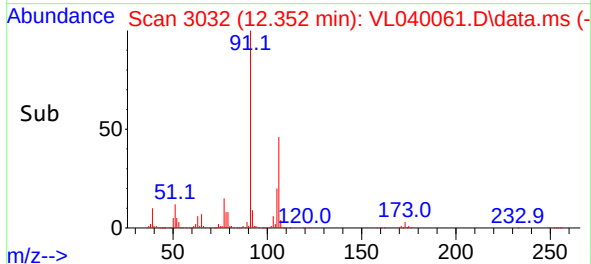
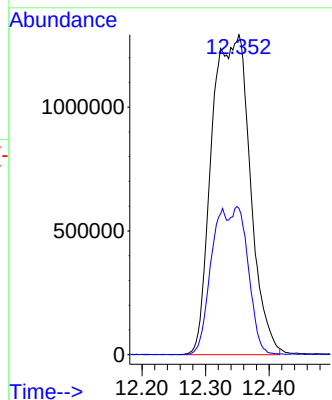
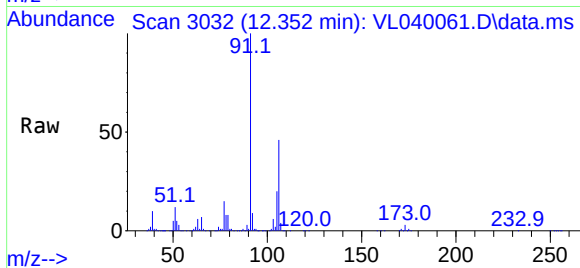
#59
m/p-Xylene
Concen: 14.721 ppbv m
RT: 12.352 min Scan# 3035
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 538328
Ion Ratio Lower Upper
91 100
106 43.4 35.5 53.3

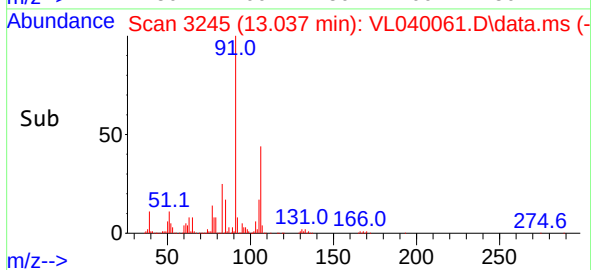
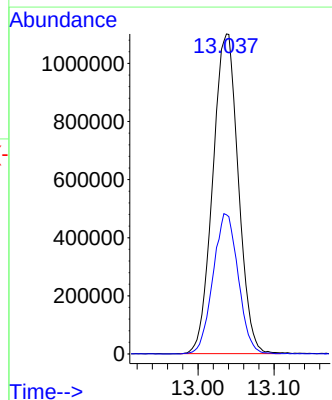
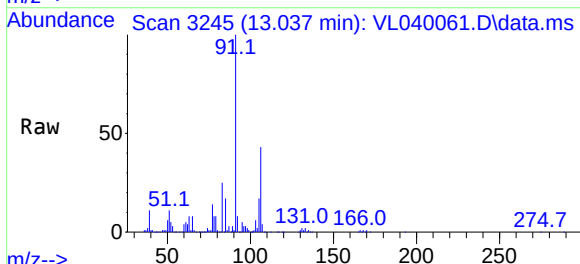
Manual Integrations
APPROVED

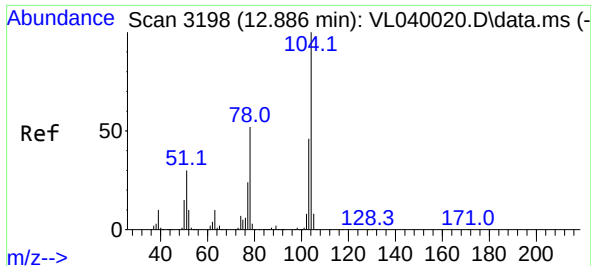
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
o-Xylene
Concen: 7.315 ppbv
RT: 13.037 min Scan# 3245
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Tgt Ion: 91 Resp: 2562591
Ion Ratio Lower Upper
91 100
106 43.5 22.4 67.0





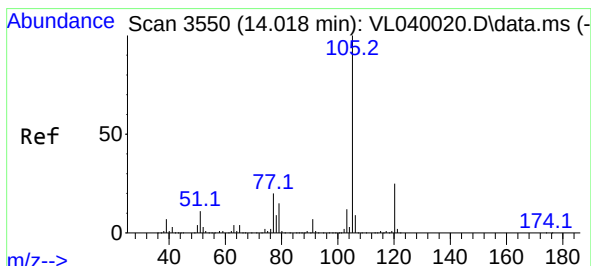
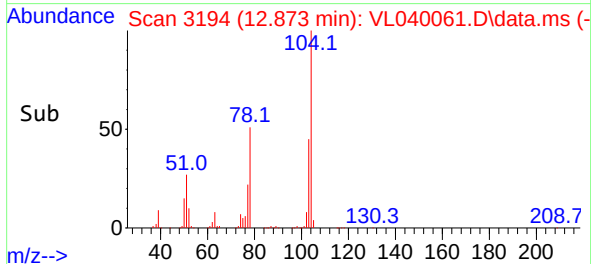
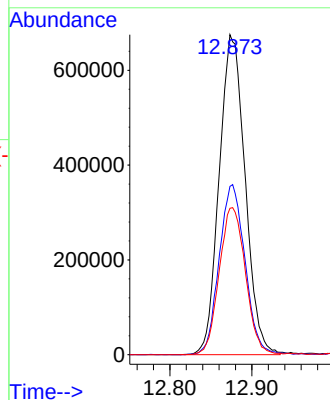
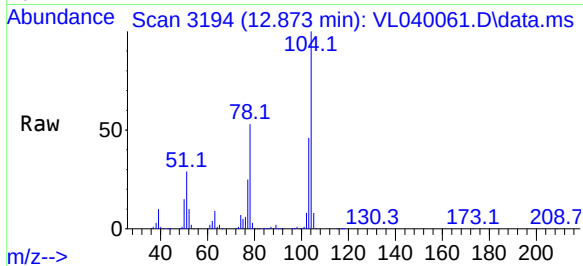
#61
Styrene
Concen: 7.891 ppbv
RT: 12.873 min Scan# 3198
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1482669
Ion Ratio Lower Upper
104 100
78 53.2 42.4 63.6
103 46.9 37.2 55.8

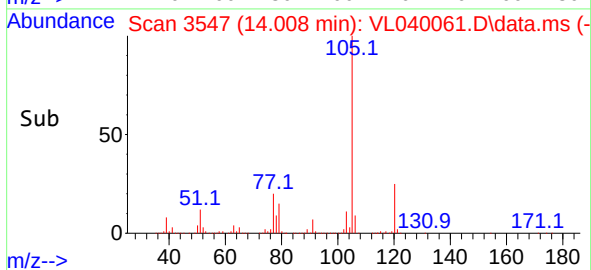
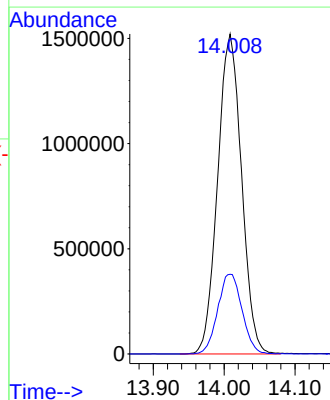
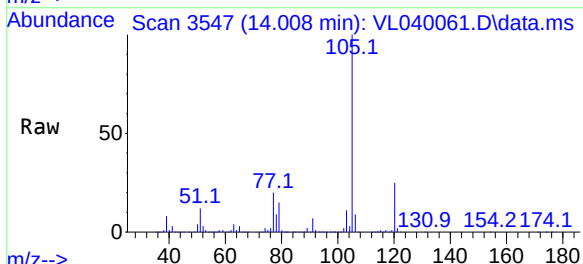
Manual Integrations
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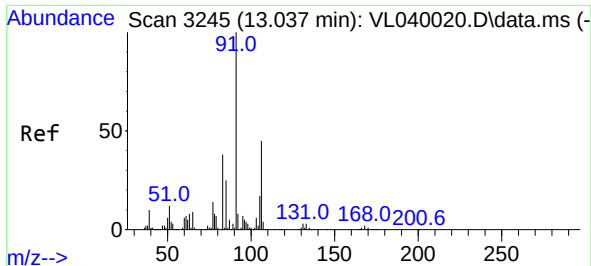
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#62
Isopropylbenzene
Concen: 7.050 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

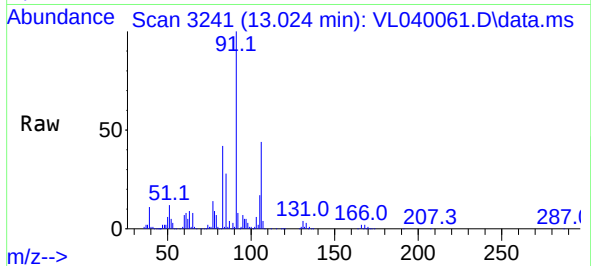
Tgt Ion:105 Resp: 3560756
Ion Ratio Lower Upper
105 100
120 25.4 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 6.500 ppbv
RT: 13.024 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

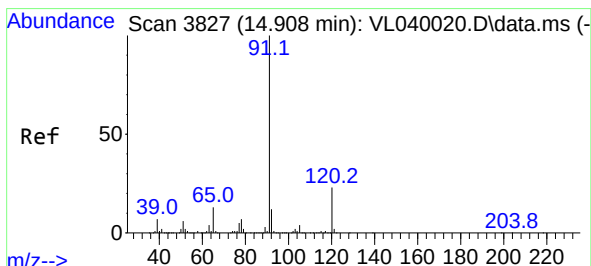
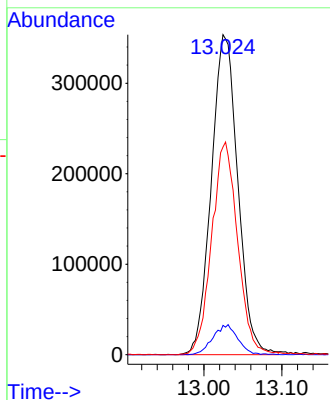
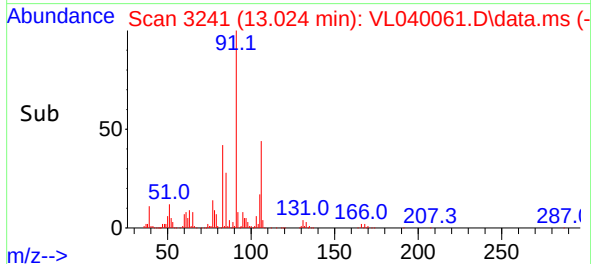
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



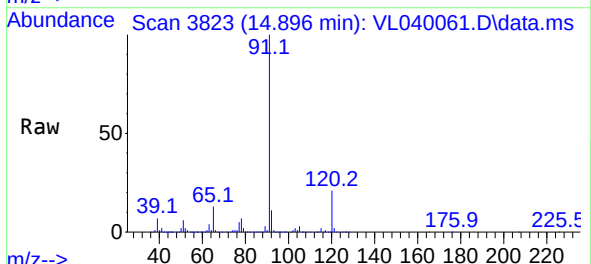
Tgt Ion: 83 Resp: 83489
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 65.3 33.3 99.9

Manual Integrations
APPROVED

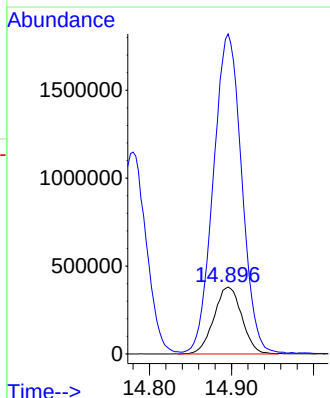
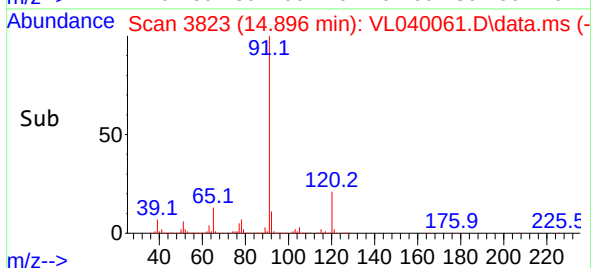
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

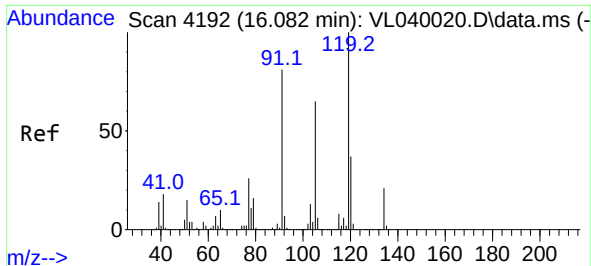


#64
n-propylbenzene
Concen: 7.025 ppbv
RT: 14.896 min Scan# 3823
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



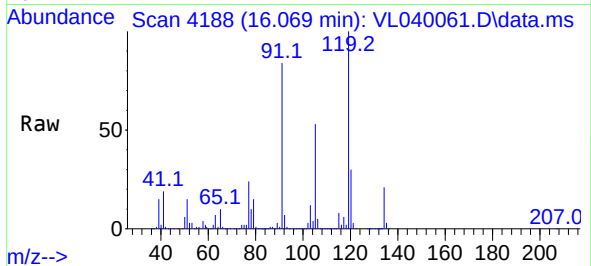
Tgt Ion:120 Resp: 896271
Ion Ratio Lower Upper
120 100
91 491.1 384.3 576.5





#65
tert-Butylbenzene
Concen: 6.909 ppbv
RT: 16.069 min Scan# 4192
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

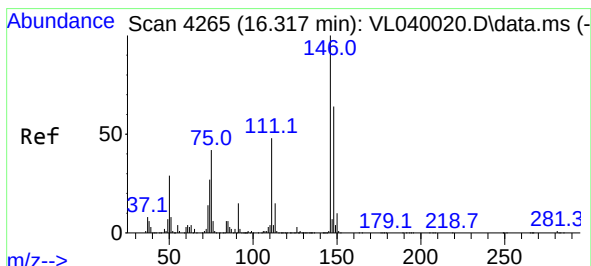
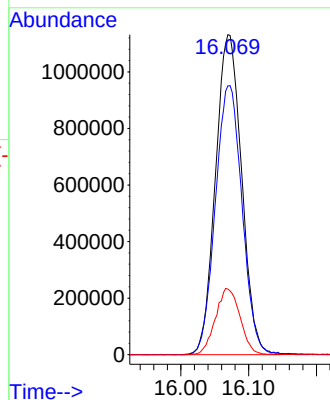
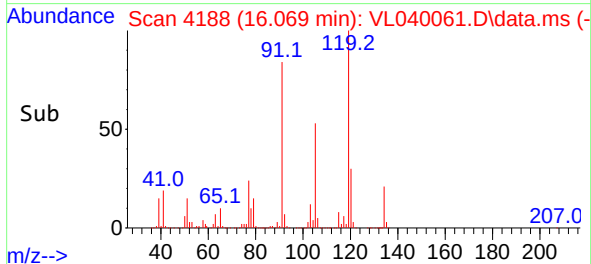
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



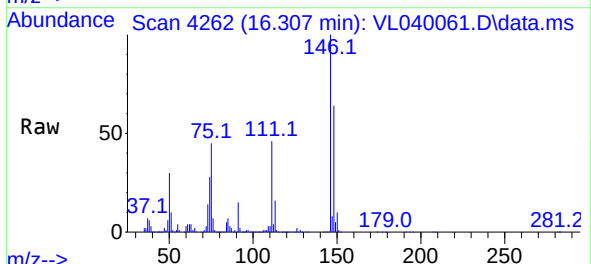
Tgt Ion: 119 Resp: 303268
Ion Ratio Lower Upper
119 100
91 86.0 66.9 100.3
134 19.5 15.8 23.6

Manual Integrations
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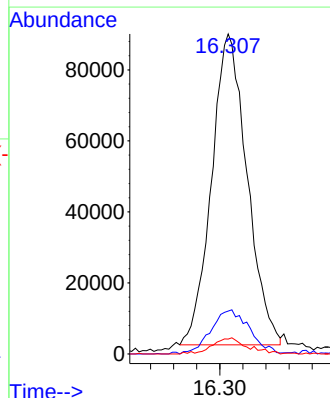
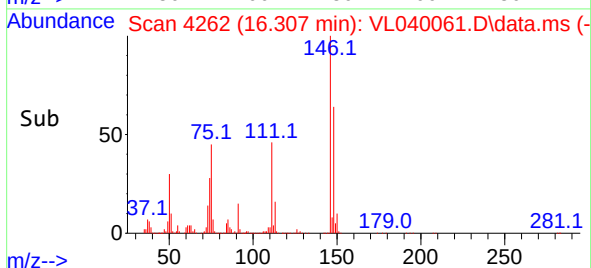
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

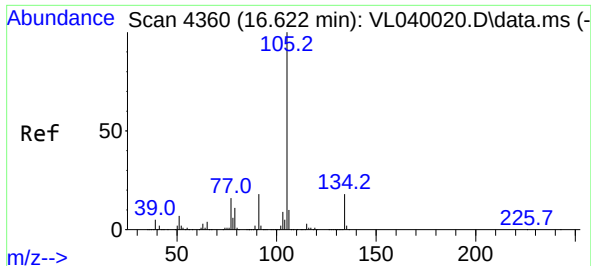


#66
Benzyl Chloride
Concen: 7.297 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 91 Resp: 186779
Ion Ratio Lower Upper
91 100
126 15.6 12.2 18.2
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 6.866 ppbv

RT: 16.616 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 422357

Ion Ratio Lower Upper

105 100

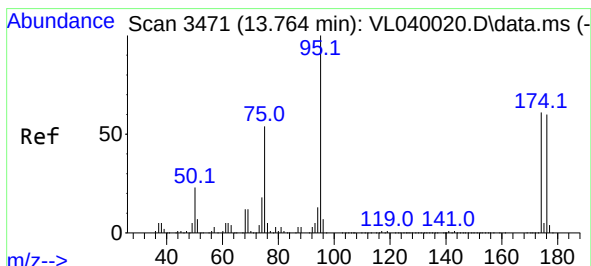
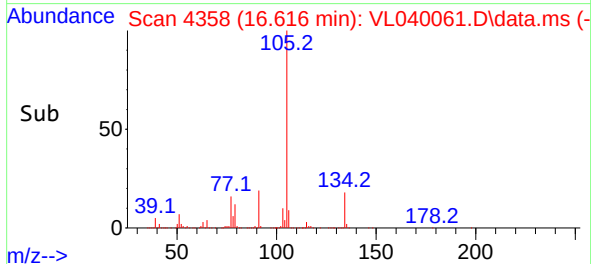
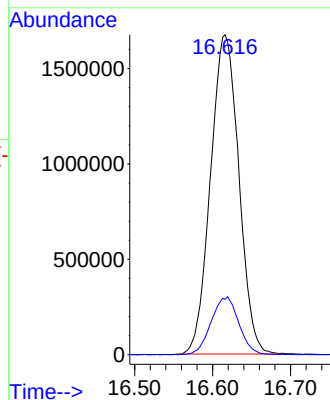
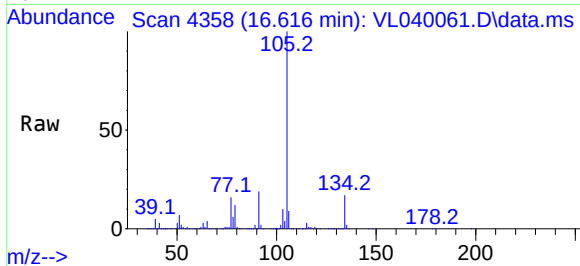
134 17.6 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 8.257 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. -0.010 min

Lab File: VL040061.D

Acq: 22 Dec 2022 10:11

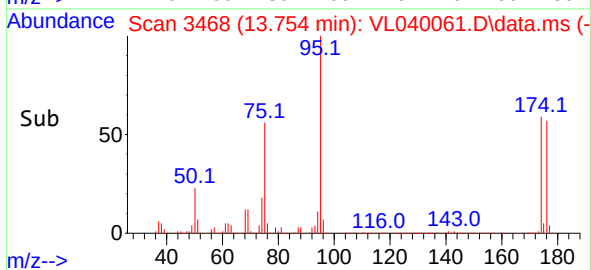
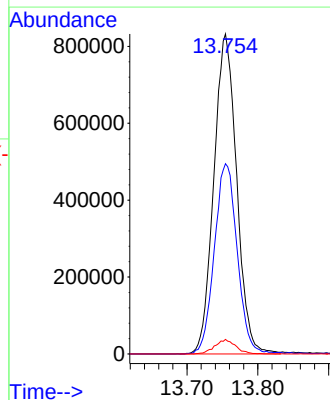
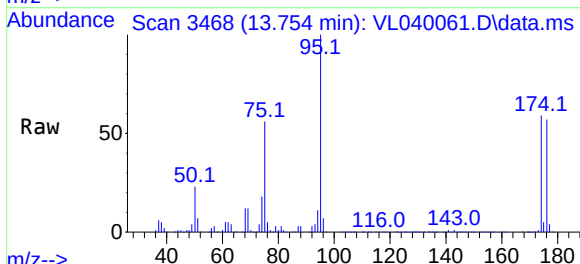
Tgt Ion: 95 Resp: 1863387

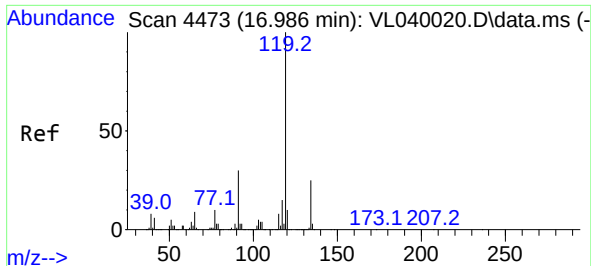
Ion Ratio Lower Upper

95 100

174 60.2 48.6 73.0

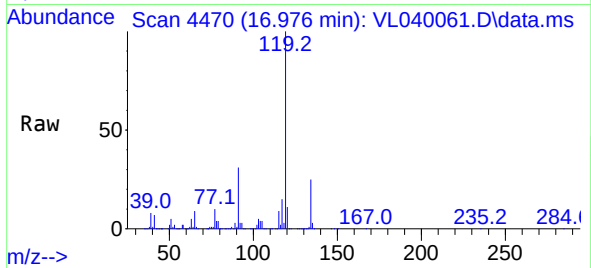
175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 6.972 ppbv
RT: 16.976 min Scan# 4473
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

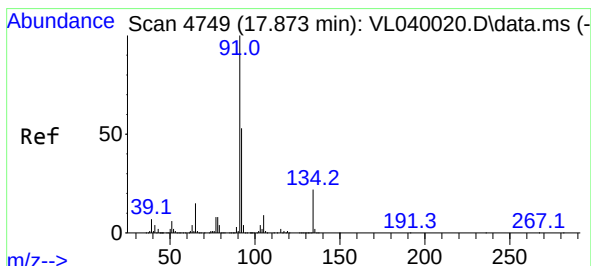
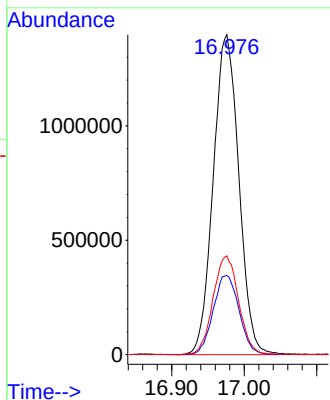
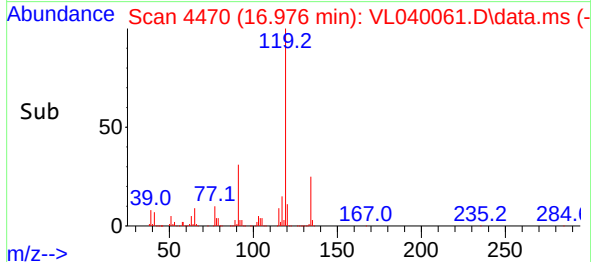
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



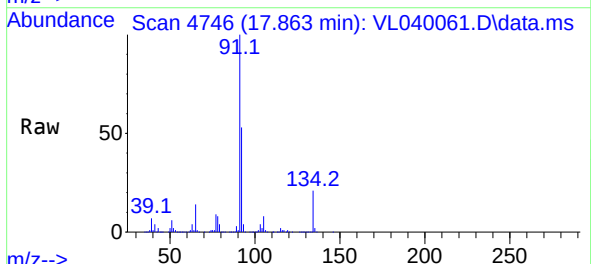
Tgt Ion: 119 Resp: 342563
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 30.9 24.2 36.4

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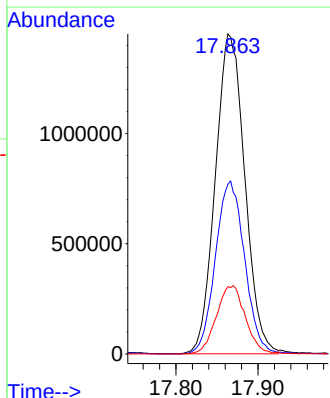
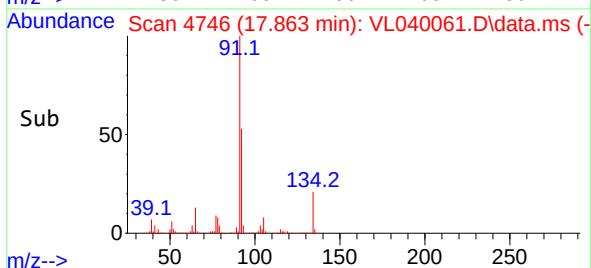
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

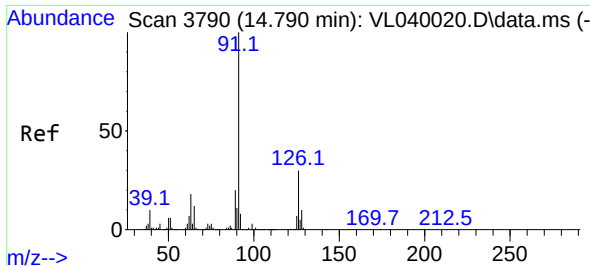


#70
n-Butylbenzene
Concen: 7.028 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



Tgt Ion: 91 Resp: 3617899
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 21.2 17.4 26.2





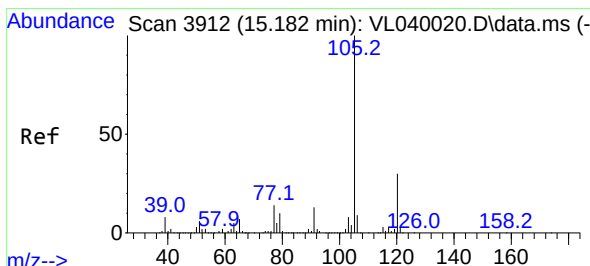
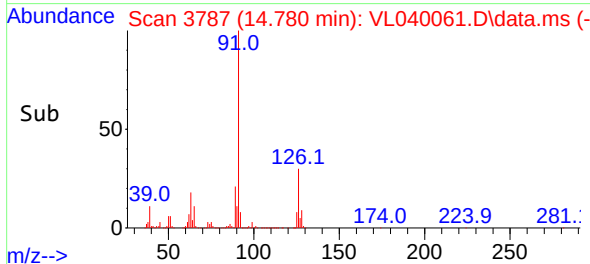
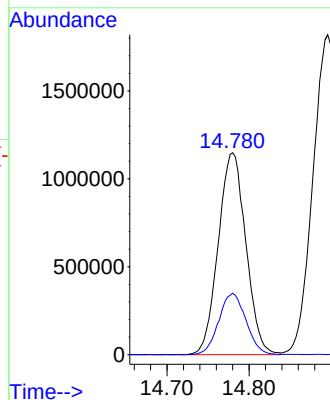
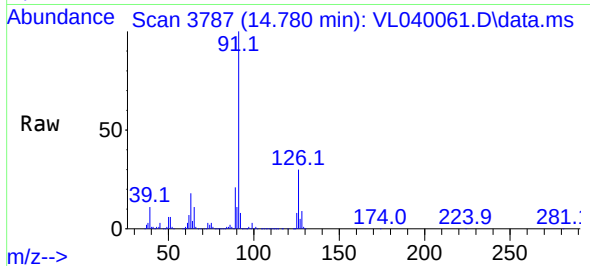
#71
2-Chlorotoluene
Concen: 6.979 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 268947
Ion Ratio Lower Upper
91 100
126 30.0 12.1 48.5

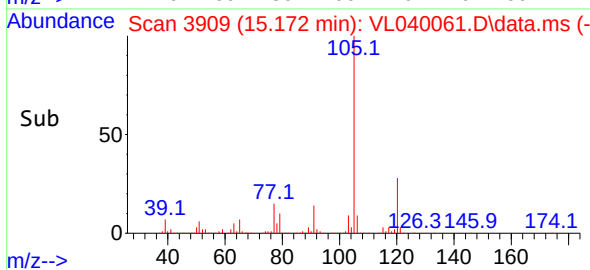
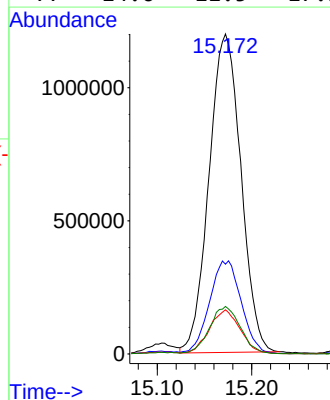
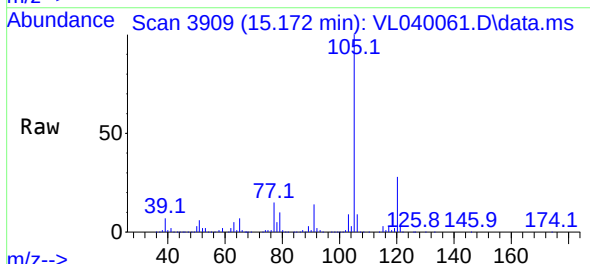
Manual Integrations
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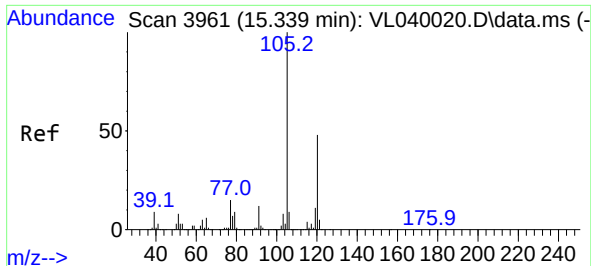
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#72
4-Ethyltoluene
Concen: 7.211 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

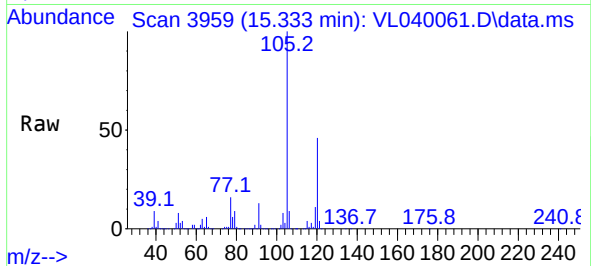
Tgt Ion:105 Resp: 2805030
Ion Ratio Lower Upper
105 100
120 29.3 23.5 35.3
91 14.2 10.5 15.7
77 14.6 11.5 17.3





#73
1,3,5-Trimethylbenzene
Concen: 7.097 ppbv
RT: 15.333 min Scan# 3959
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

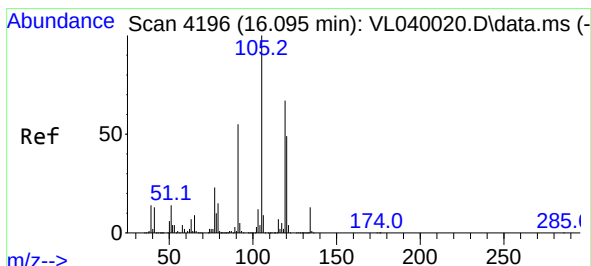
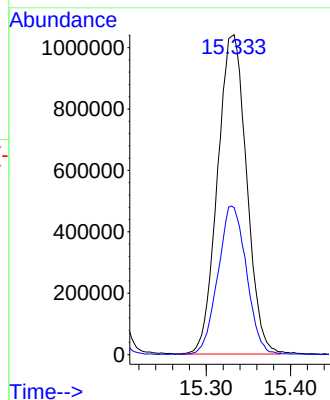
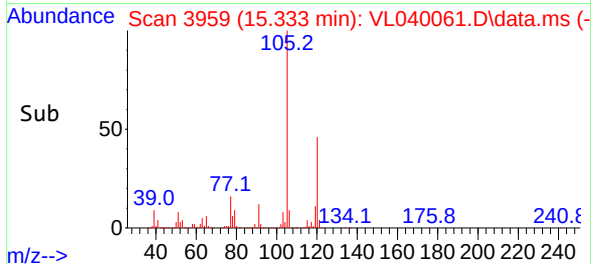
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



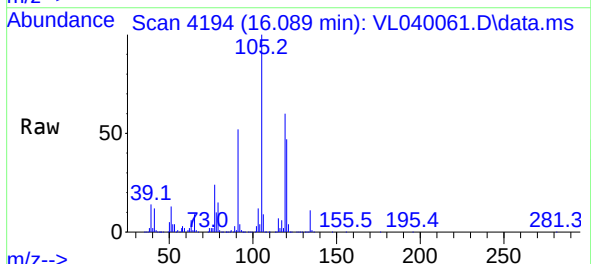
Tgt Ion:105 Resp: 2489690
Ion Ratio Lower Upper
105 100
120 45.9 38.4 57.6

Manual Integrations
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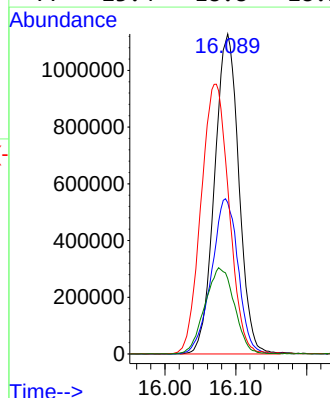
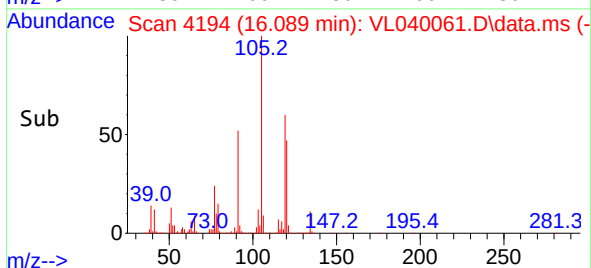
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

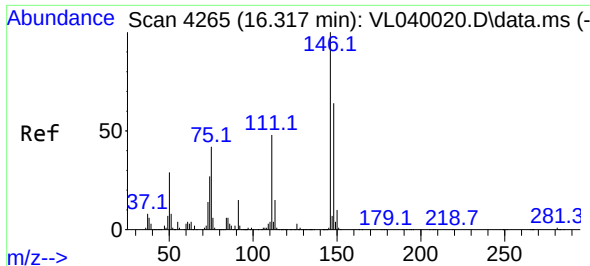


#74
1,2,4-Trimethylbenzene
Concen: 6.951 ppbv
RT: 16.089 min Scan# 4194
Delta R.T. -0.006 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



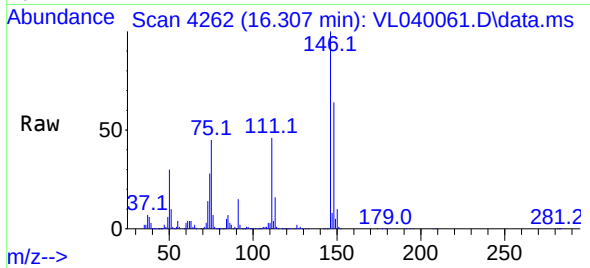
Tgt Ion:105 Resp: 2688029
Ion Ratio Lower Upper
105 100
120 47.2 39.3 58.9
91 52.3 44.2 66.4
77 23.4 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 6.993 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

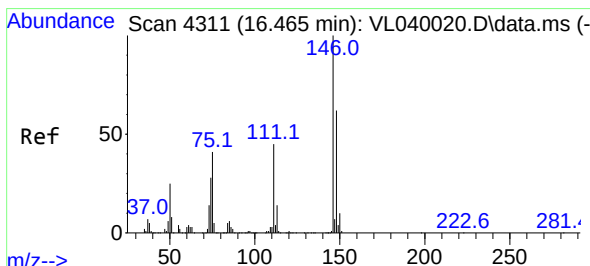
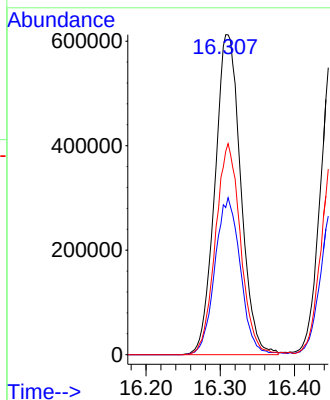
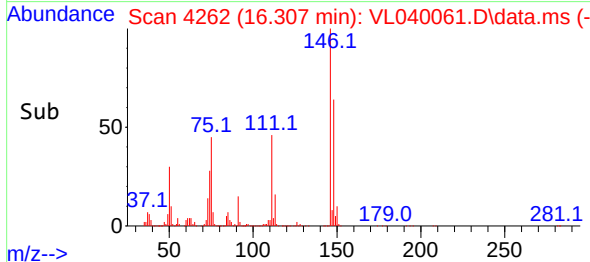
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



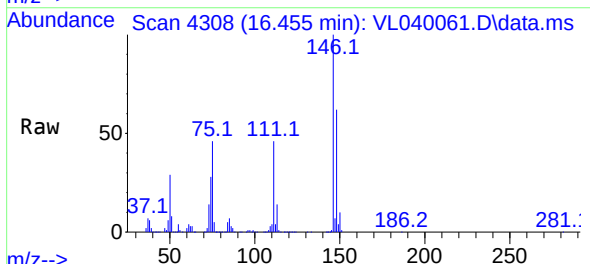
Tgt Ion:146 Resp: 1479644
Ion Ratio Lower Upper
146 100
111 48.7 23.9 71.8
148 64.1 32.0 96.2

Manual Integrations
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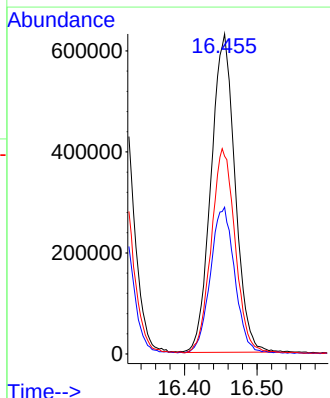
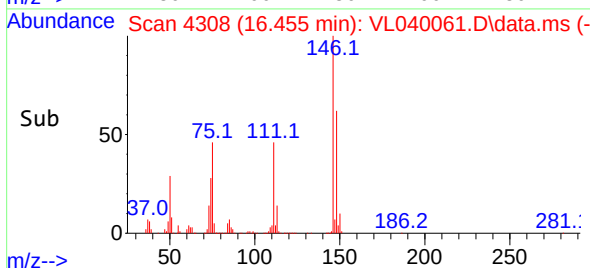
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

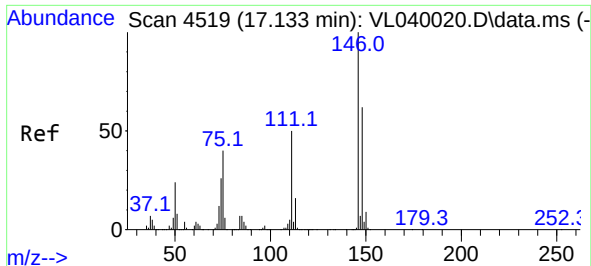


#76
1,4-Dichlorobenzene
Concen: 7.019 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



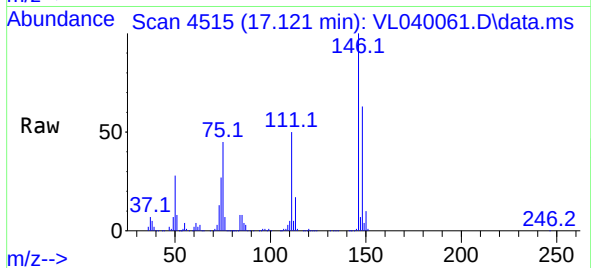
Tgt Ion:146 Resp: 1450045
Ion Ratio Lower Upper
146 100
111 47.5 23.4 70.2
148 65.4 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 7.030 ppbv
RT: 17.121 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

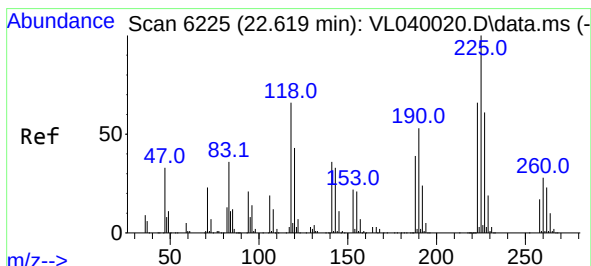
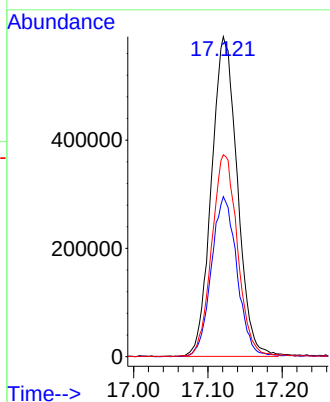
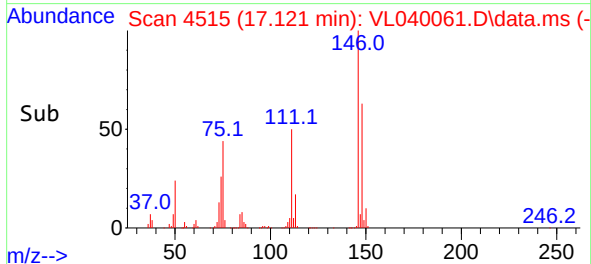
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



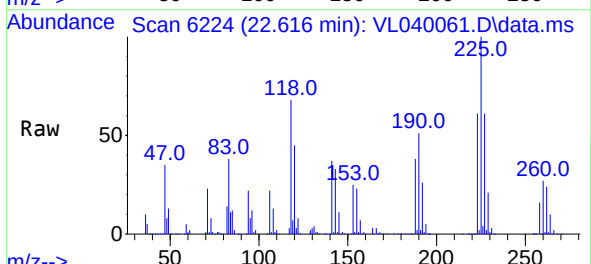
Tgt Ion:146 Resp: 1426674
Ion Ratio Lower Upper
146 100
111 49.9 25.3 75.9
148 63.5 31.9 95.9

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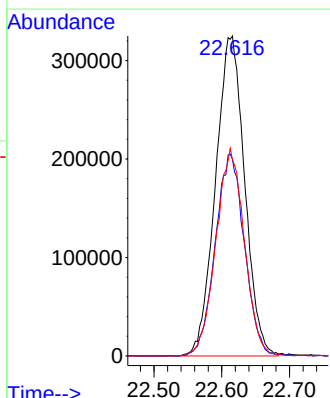
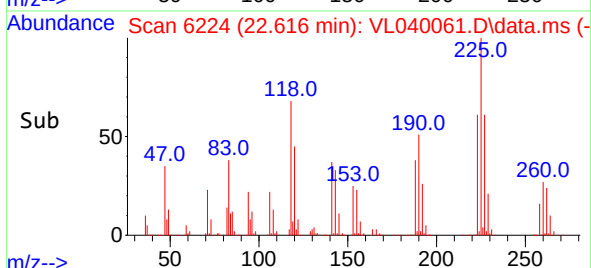
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

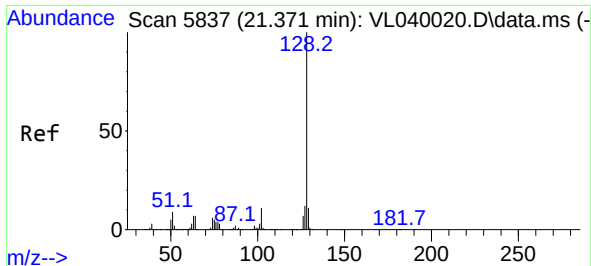


#78
Hexachloro-1,3-Butadiene
Concen: 6.896 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.003 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



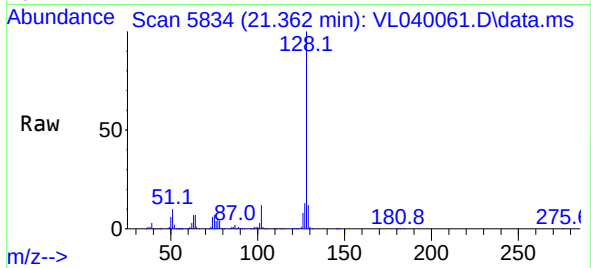
Tgt Ion:225 Resp: 970827
Ion Ratio Lower Upper
225 100
223 63.3 0.0 0.0#
227 63.5 0.0 0.0#





#79
Naphthalene
Concen: 8.904 ppbv m
RT: 21.362 min Scan# 5834
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

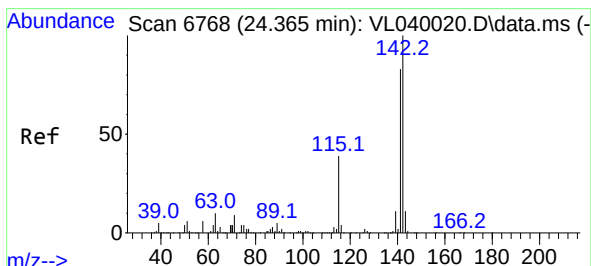
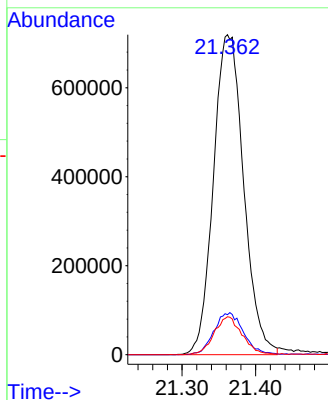
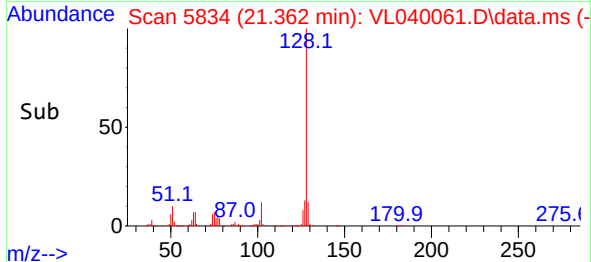
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



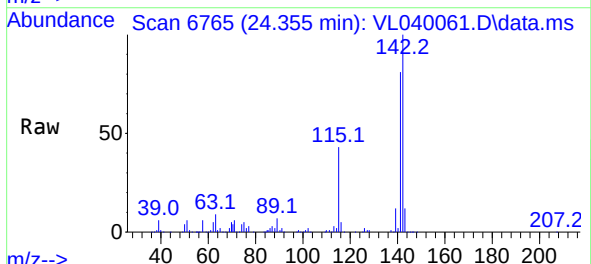
Tgt Ion:128 Resp: 2051510
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 11.9 8.8 13.2

Manual Integrations
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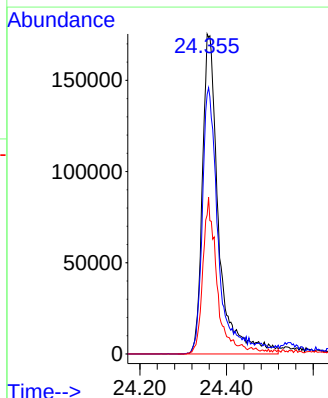
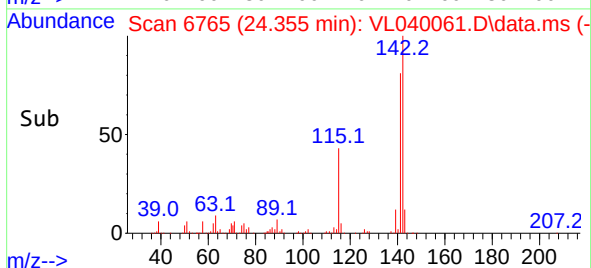
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

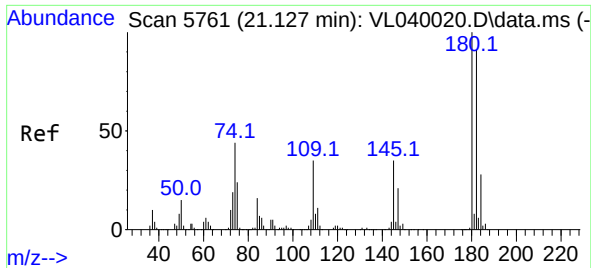


#80
Naphthalene,2-methyl-
Concen: 6.463 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11



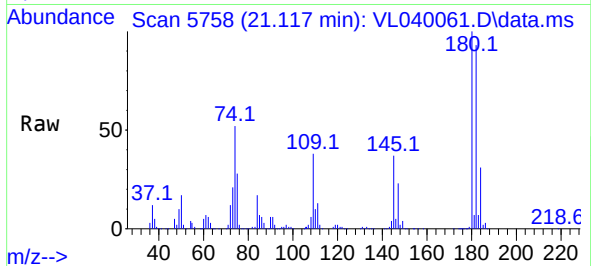
Tgt Ion:142 Resp: 455656
Ion Ratio Lower Upper
142 100
141 83.6 65.3 97.9
115 44.3 31.9 47.9





#81
1,2,4-Trichlorobenzene
Concen: 7.447 ppbv
RT: 21.117 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL040061.D
Acq: 22 Dec 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1019229
Ion Ratio Lower Upper
180 100
182 95.6 76.6 115.0
184 30.9 24.9 37.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

