

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122222\
 Data File : VL040063.D
 Acq On : 22 Dec 2022 11:48
 Operator : SY/MD
 Sample : VL1222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1222ABS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 23 06:26:33 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	888899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2496599	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2924713m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 1844816 8.257 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 82.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1424804	8.563	ppbv	99
3) Chlorodifluoromethane	2.652	51	1179897	8.996	ppbv	99
4) Chloromethane	2.790	50	737045	8.969	ppbv	99
5) Vinyl Chloride	2.896	62	618229	9.298	ppbv	98
6) Bromomethane	3.095	94	223802	9.161	ppbv	94
7) Chloroethane	3.173	64	236658	9.434	ppbv	95
8) Dichlorotetrafluoroethane	2.832	85	1586427	9.062	ppbv	98
9) Propene	2.671	41	492823	8.855	ppbv	99
10) Heptane	7.558	43	1254232	9.233	ppbv	98
11) Trichlorofluoromethane	3.539	101	1724649	9.539	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	1289704	9.419	ppbv	99
13) Ethanol	3.218	45	42124m	8.041	ppbv	
14) Bromoethene	3.340	108	499958	9.696	ppbv	99
15) Acetone	3.443	43	1154349	8.395	ppbv	100
16) 1,3-Butadiene	2.960	39	577045	9.654	ppbv	99
17) tert-Butyl alcohol	3.851	59	1191808	8.791	ppbv	99
18) 1,1-Dichloroethene	3.857	96	560530	9.405	ppbv	97
19) Isopropyl Alcohol	3.549	45	604807	8.925	ppbv #	97
20) Methylene Chloride	3.909	84	486584	8.325	ppbv	96
21) Allyl Chloride	3.970	41	791373	9.577	ppbv	99
22) trans-1,2-Dichloroethene	4.423	96	599854	10.098	ppbv	94
23) Vinyl Acetate	4.600	43	414118	9.499	ppbv	97
24) 1,1-Dichloroethane	4.539	63	1183372	9.244	ppbv	99
25) Ethyl Acetate	5.179	43	2163868	9.086	ppbv	99
26) Hexane	5.189	57	916153	9.153	ppbv	99
27) Carbon Disulfide	4.099	76	1390367	11.013	ppbv	98
28) Methyl tert-Butyl Ether	4.562	73	1076721	9.128	ppbv	99
29) Chloroform	5.250	83	1387263	9.083	ppbv	100
30) Cyclohexane	6.578	84	820945	9.261	ppbv	99
31) cis-1,2-Dichloroethene	5.054	61	896777	9.408	ppbv	97
32) 1,1,1-Trichloroethane	5.980	97	1647469	10.075	ppbv	99
34) 2-Butanone	4.761	43	1283051	9.473	ppbv	100
35) Carbon Tetrachloride	6.472	117	1710064	11.028	ppbv	100
36) Benzene	6.346	78	2094581	9.394	ppbv	96
37) 1,2-Dichloroethane	5.783	62	1279840	9.785	ppbv	98
38) Trichloroethene	7.272	130	1229353	10.729	ppbv	99
39) 1,2-Dichloropropane	7.050	63	783201	9.371	ppbv	94
40) 1,4-Dioxane	7.266	88	342440	9.091	ppbv	93
41) Tetrahydrofuran	5.533	42	790573	9.352	ppbv	99
42) Bromodichloromethane	7.227	83	1821236	10.164	ppbv	98
43) Methyl Methacrylate	7.452	69	834736	9.975	ppbv	99
44) 2,2,4-Trimethylpentane	7.308	57	3434111	9.355	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	791981	11.198	ppbv	99

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 Supervised By : Mahesh Dadoda 12/27/2022

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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	8.121	75	1074799	10.775	ppbv	99
47) 1,1,2-Trichloroethane	8.877	97	854145	9.332	ppbv	97
48) Dibromochloromethane	9.693	129	1432594	10.292	ppbv	99
49) Bromoform	12.391	173	1057353	9.958	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	2119876	9.581	ppbv	99
51) 2-Hexanone	9.529	43	1649155	9.582	ppbv #	99
52) Tetrachloroethene	10.597	164	704629	9.295	ppbv	98
53) Toluene	9.201	91	2364174	9.577	ppbv	100
54) 1,2-Dibromoethane	9.989	107	973656	9.879	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.491	131	1020994	7.568	ppbv	99
57) Chlorobenzene	11.507	112	1783381	7.183	ppbv	96
58) Ethyl Benzene	12.069	91	3145133	7.569	ppbv	99
59) m/p-Xylene	12.352	91	5361579m	14.811	ppbv	
60) o-Xylene	13.040	91	2536731	7.314	ppbv	100
61) Styrene	12.880	104	1472135	7.914	ppbv	99
62) Isopropylbenzene	14.011	105	3539791	7.079	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.028	83	820833	6.455	ppbv	99
64) n-propylbenzene	14.902	120	896975	7.102	ppbv	98
65) tert-Butylbenzene	16.072	119	3015615	6.940	ppbv	98
66) Benzyl Chloride	16.310	91	195137	7.701	ppbv	100
67) sec-Butylbenzene	16.619	105	4235197	6.955	ppbv	99
69) p-Isopropyltoluene	16.979	119	3418667	7.028	ppbv	100
70) n-Butylbenzene	17.870	91	3630436	7.124	ppbv	99
71) 2-Chlorotoluene	14.780	91	2692139	7.057	ppbv	100
72) 4-Ethyltoluene	15.175	105	2801865	7.276	ppbv	99
73) 1,3,5-Trimethylbenzene	15.333	105	2468868	7.109	ppbv	94
74) 1,2,4-Trimethylbenzene	16.092	105	2663234	6.957	ppbv	97
75) 1,3-Dichlorobenzene	16.310	146	1463380	6.986	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1437879	7.031	ppbv	99
77) 1,2-Dichlorobenzene	17.124	146	1412081	7.029	ppbv	99
78) Hexachloro-1,3-Butadiene	22.616	225	990713	7.109	ppbv #	100
79) Naphthalene	21.365	128	2158852	9.464	ppbv	99
80) Naphthalene,2-methyl-	24.365	142	454096	6.507	ppbv	99
81) 1,2,4-Trichlorobenzene	21.124	180	1075171	7.935	ppbv	99

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

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Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

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

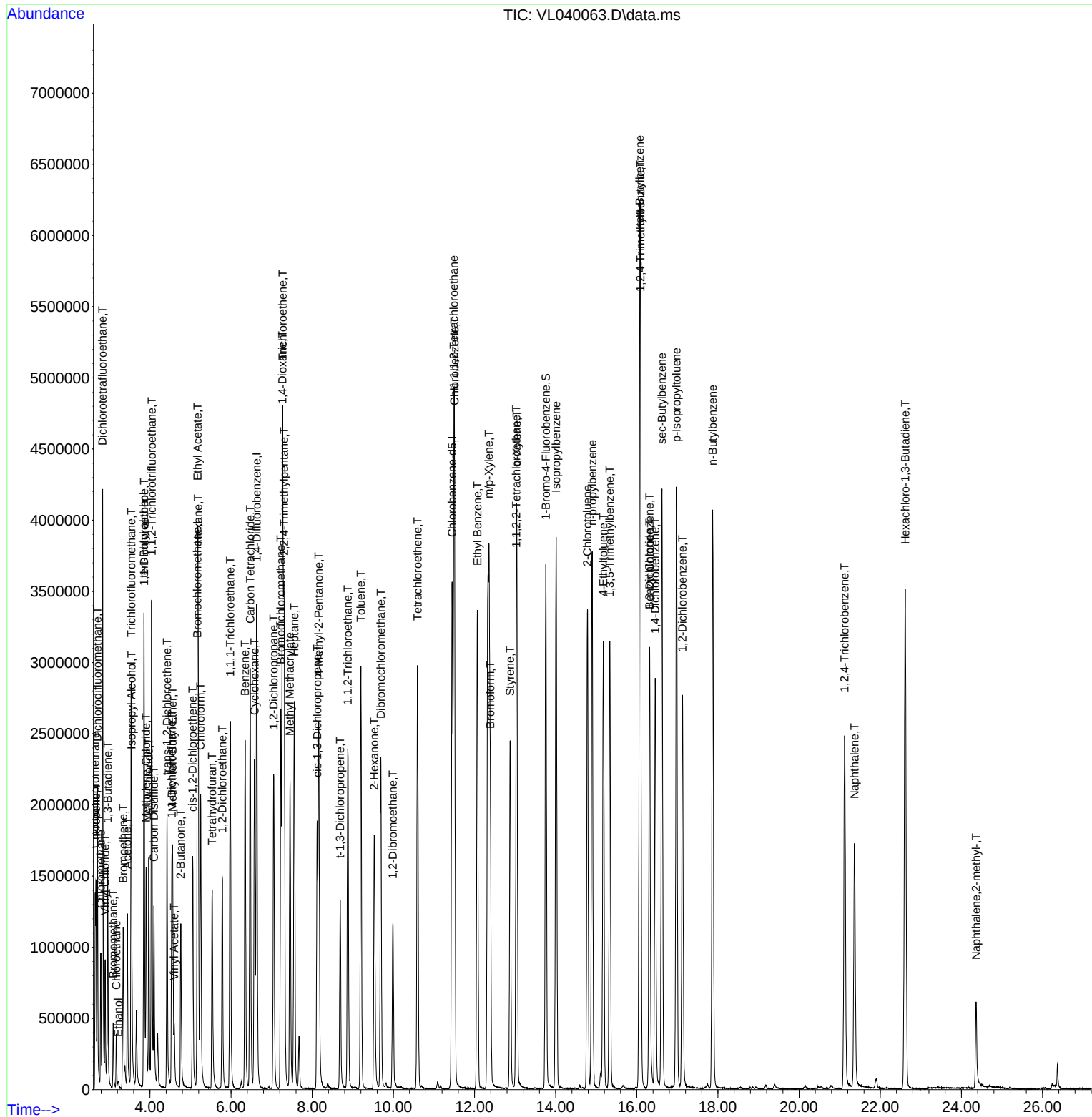
Quant Time: Dec 23 06:26:33 2022

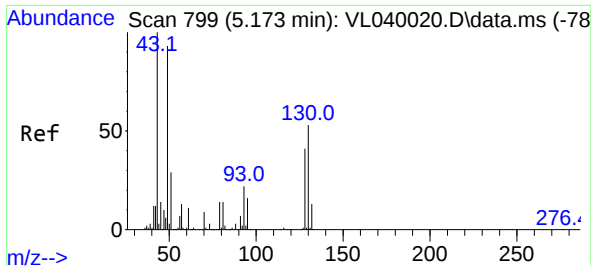
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

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

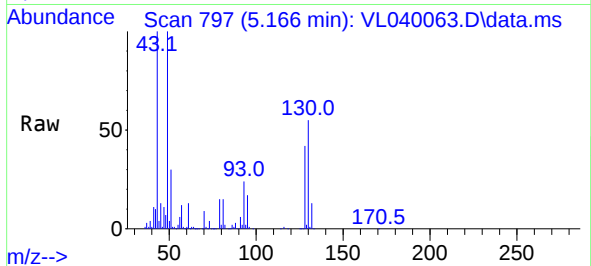
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.007 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

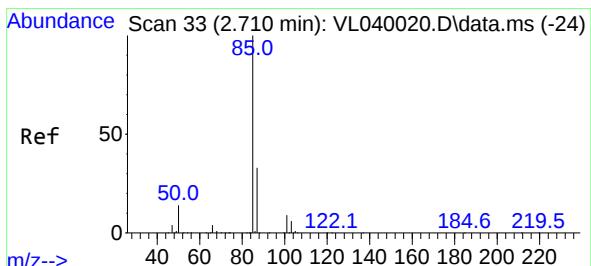
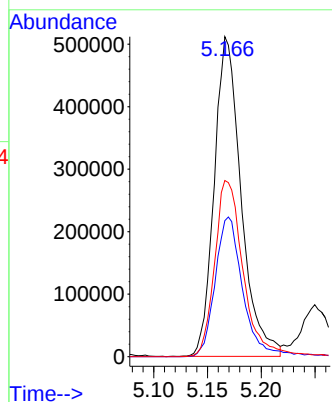
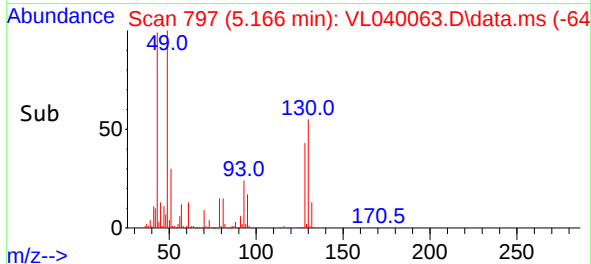
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



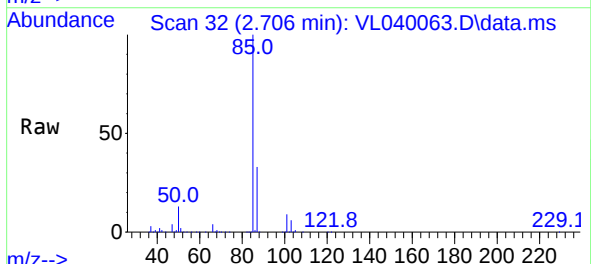
Tgt Ion: 49 Resp: 88889
Ion Ratio Lower Upper
49 100
128 46.0 22.4 67.3
130 59.6 28.9 86.8

Manual Integrations
APPROVED

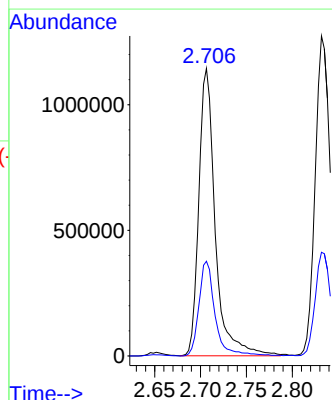
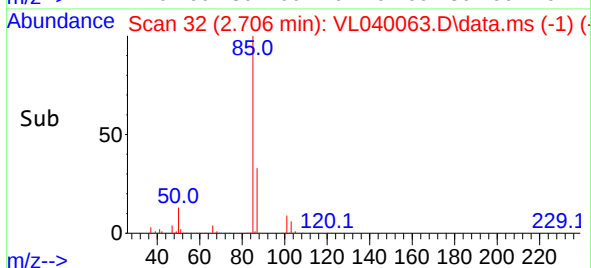
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

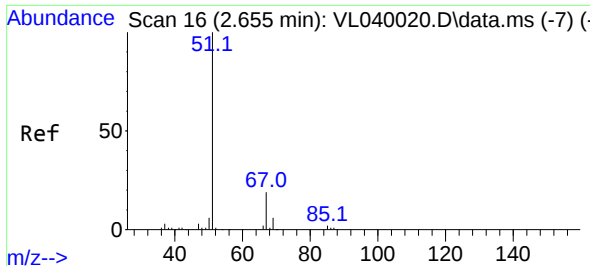


#2
Dichlorodifluoromethane
Concen: 8.563 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 85 Resp: 1424804
Ion Ratio Lower Upper
85 100
87 32.9 26.6 40.0





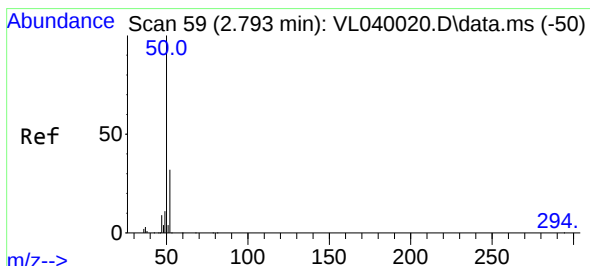
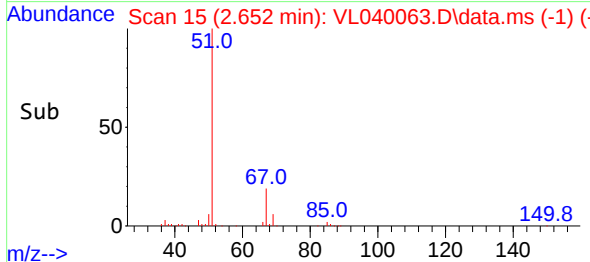
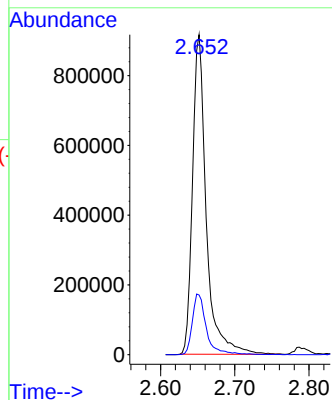
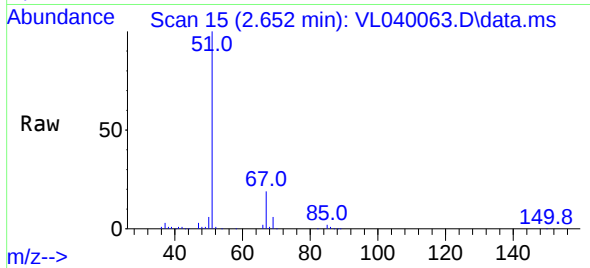
#3
Chlorodifluoromethane
Concen: 8.996 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion: 51 Resp: 117989
Ion Ratio Lower Upper
51 100
67 19.6 15.3 22.9

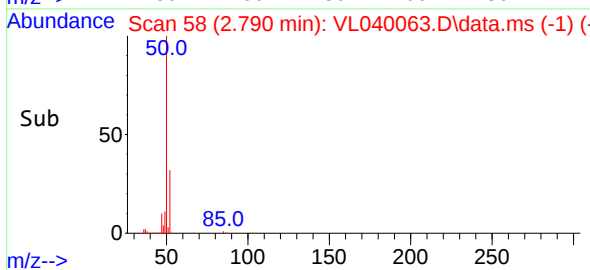
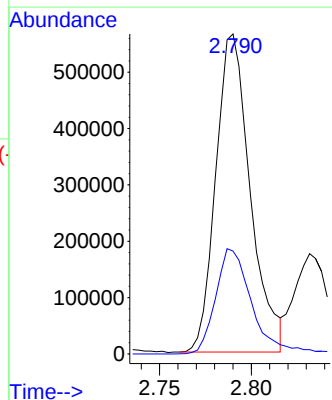
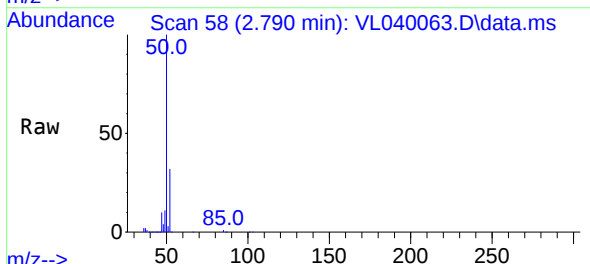
Manual Integrations
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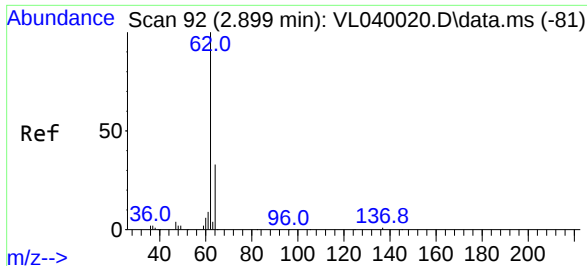
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#4
Chloromethane
Concen: 8.969 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

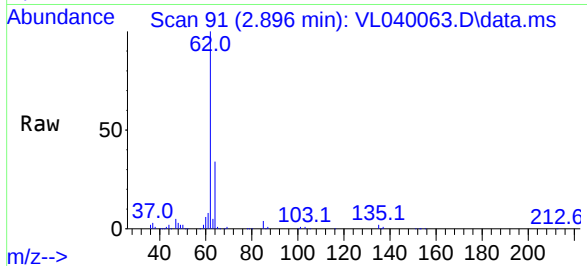
Tgt Ion: 50 Resp: 737045
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.298 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

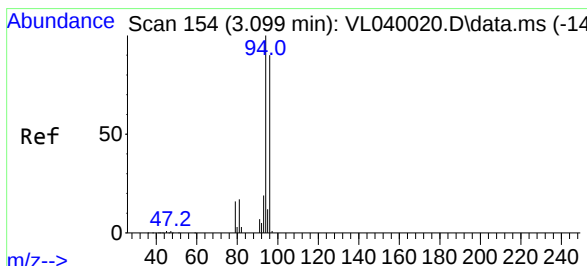
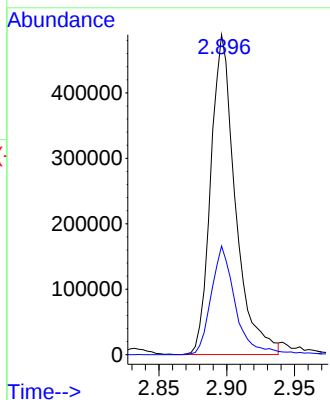
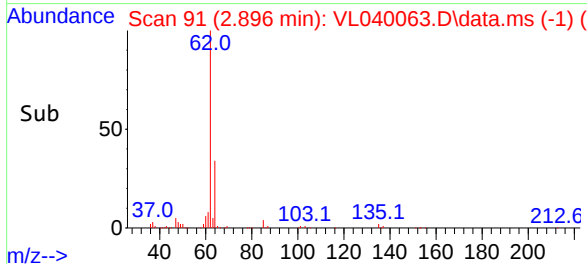
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1222ABS01



Tgt Ion: 62 Resp: 618229
 Ion Ratio Lower Upper
 62 100
 64 34.0 26.1 39.1

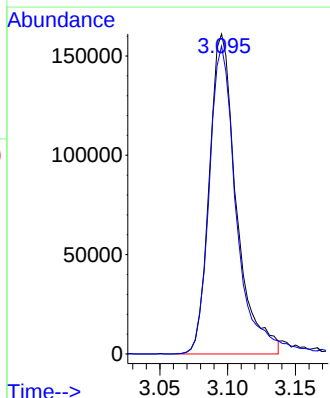
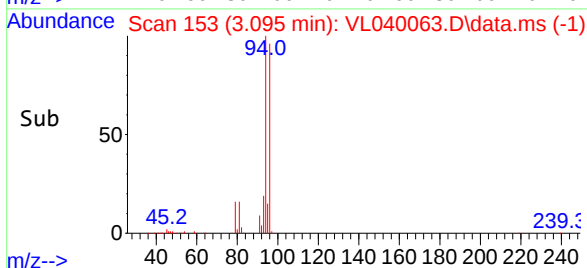
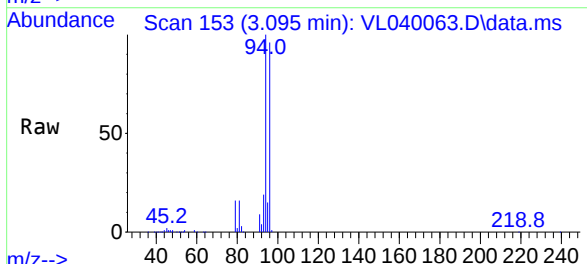
Manual Integrations
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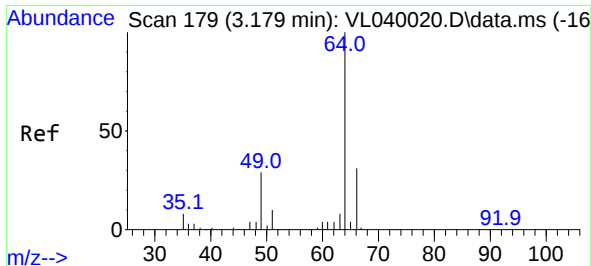
Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#6
 Bromomethane
 Concen: 9.161 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Tgt Ion: 94 Resp: 223802
 Ion Ratio Lower Upper
 94 100
 96 96.1 72.0 108.0





#7
Chloroethane
Concen: 9.434 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

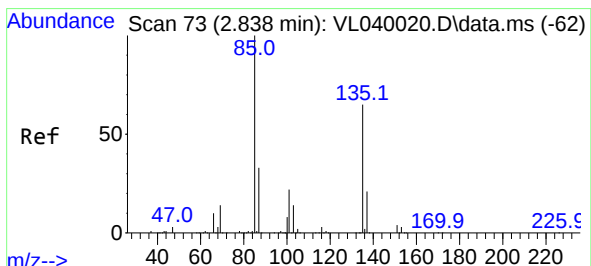
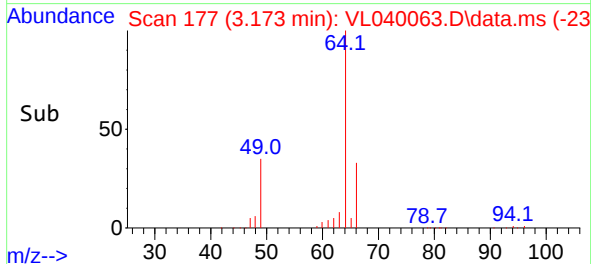
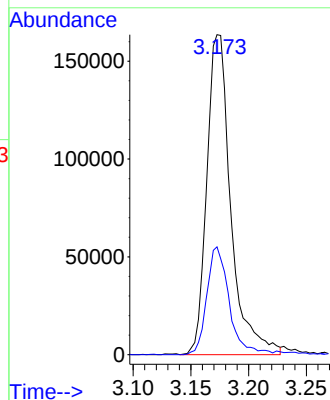
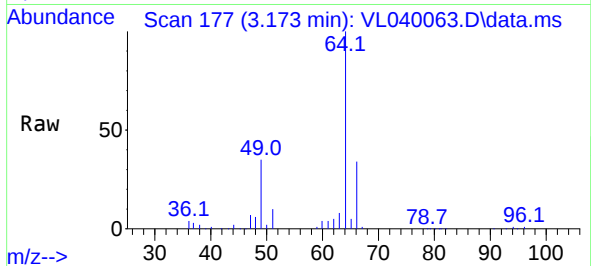
ClientSampleId :

VL1222ABS01

Tgt Ion: 64 Resp: 236658
Ion Ratio Lower Upper
64 100
66 33.7 24.6 37.0

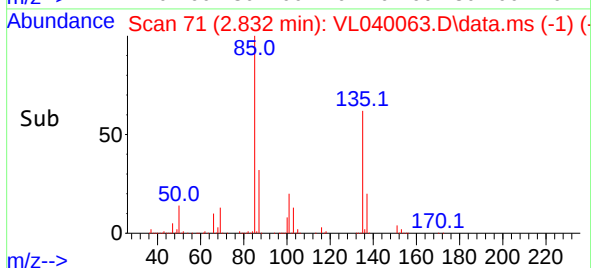
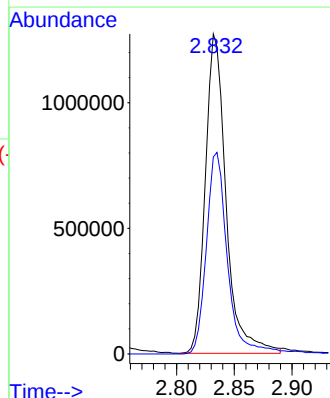
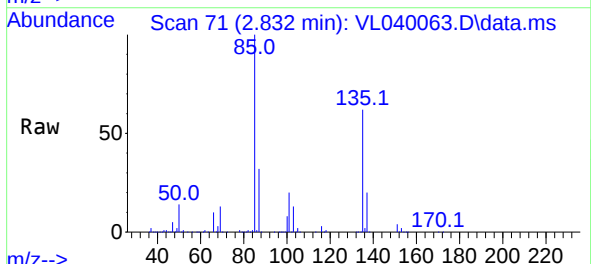
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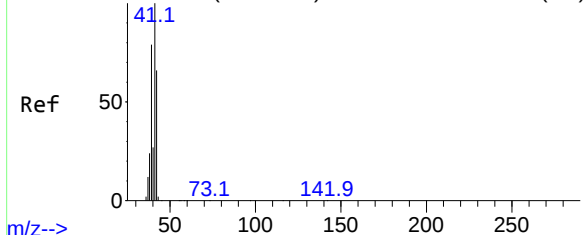


#8
Dichlorotetrafluoroethane
Concen: 9.062 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 85 Resp: 1586427
Ion Ratio Lower Upper
85 100
135 65.3 53.2 79.8



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



#9
Propene
Concen: 8.855 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

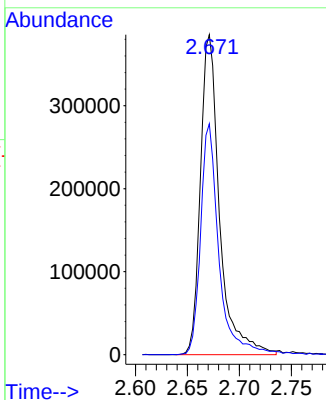
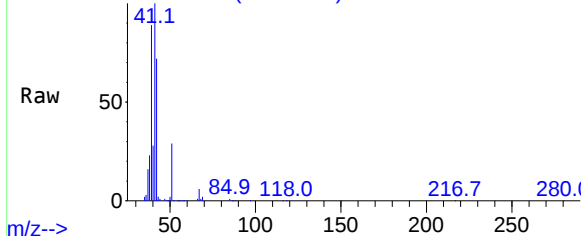
Tgt Ion: 41 Resp: 49282
Ion Ratio Lower Upper
41 100
42 69.5 54.8 82.2

Manual Integrations

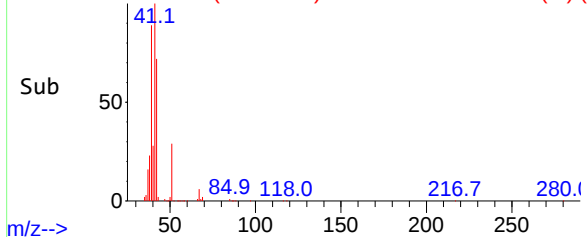
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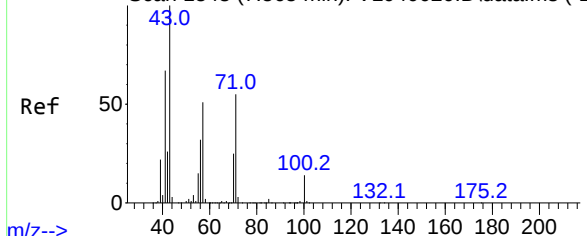
Abundance Scan 21 (2.671 min): VL040063.D\data.ms



Abundance Scan 21 (2.671 min): VL040063.D\data.ms (-1)



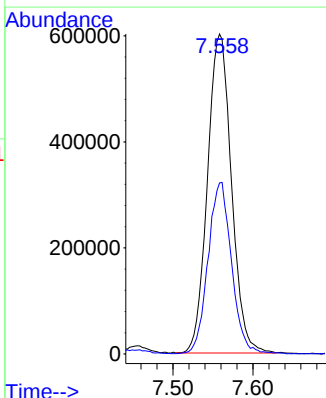
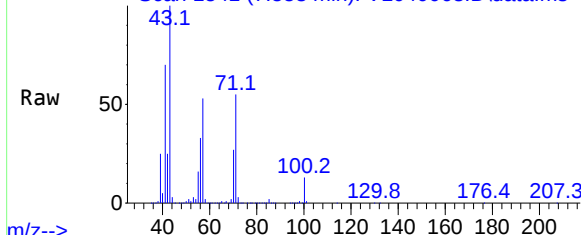
Abundance Scan 1543 (7.565 min): VL040020.D\data.ms (-1)



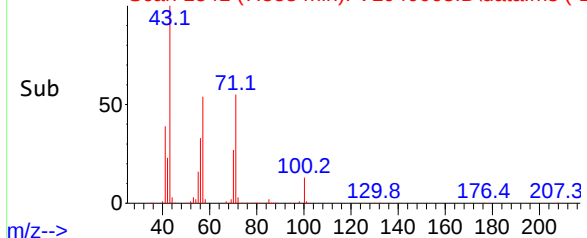
#10
Heptane
Concen: 9.233 ppbv
RT: 7.558 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

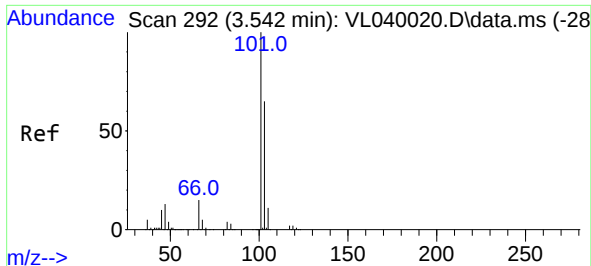
Tgt Ion: 43 Resp: 1254232
Ion Ratio Lower Upper
43 100
57 52.7 41.2 61.8

Abundance Scan 1541 (7.558 min): VL040063.D\data.ms



Abundance Scan 1541 (7.558 min): VL040063.D\data.ms (-1)





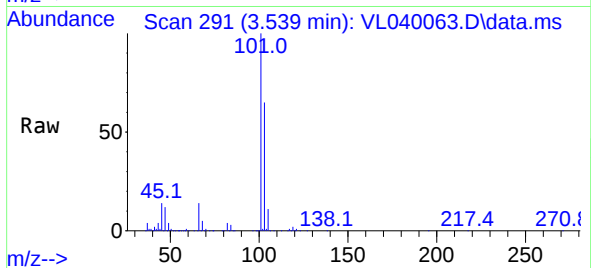
#11
Trichlorofluoromethane
Concen: 9.539 ppbv
RT: 3.539 min Scan# 291
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

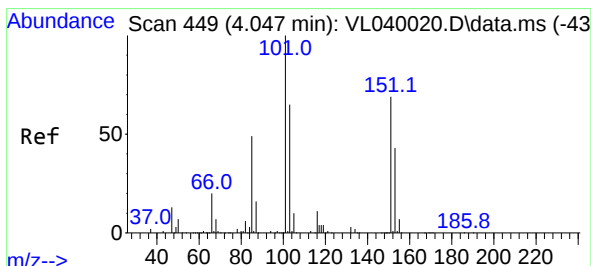
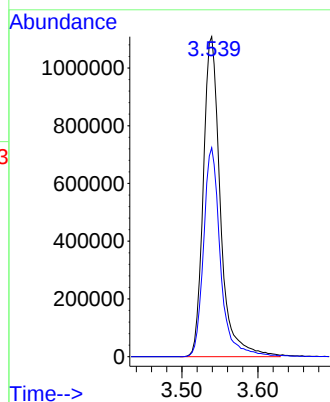
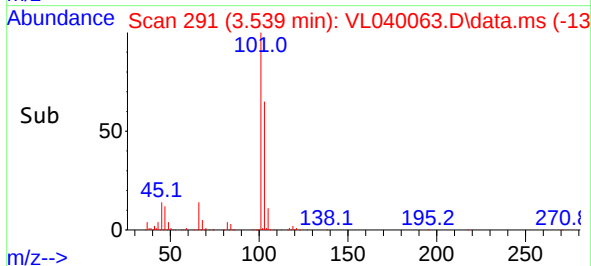


Tgt Ion:101 Resp: 1724649
Ion Ratio Lower Upper
101 100
103 65.3 51.7 77.5

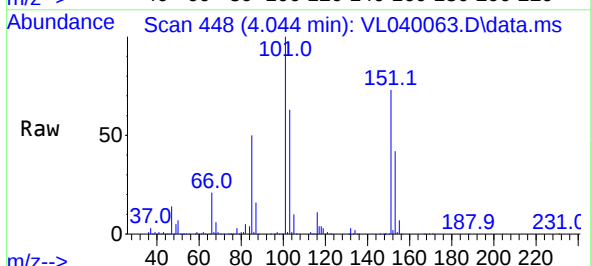
Manual Integrations

APPROVED

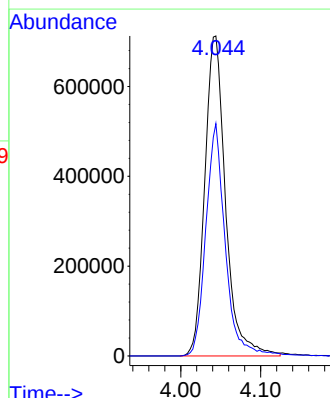
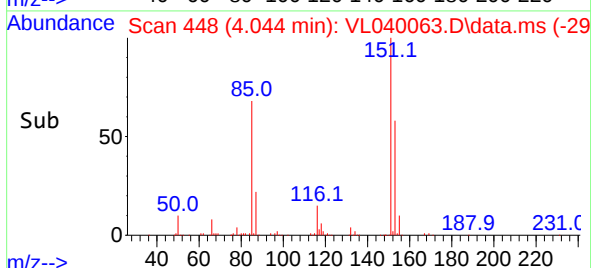
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

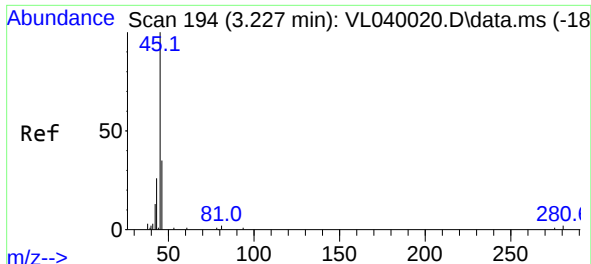


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.419 ppbv
RT: 4.044 min Scan# 448
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion:101 Resp: 1289704
Ion Ratio Lower Upper
101 100
151 68.0 55.0 82.4





#13

Ethanol

Concen: 8.041 ppbv m

RT: 3.218 min Scan# 194

Delta R.T. -0.010 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 45 Resp: 42124

Ion Ratio Lower Upper

45 100

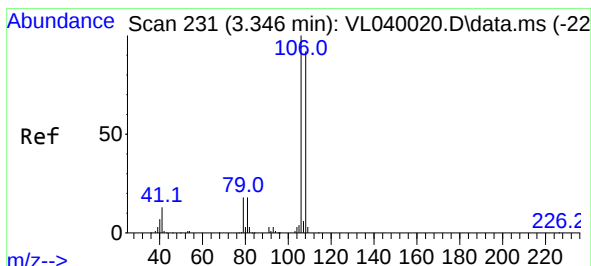
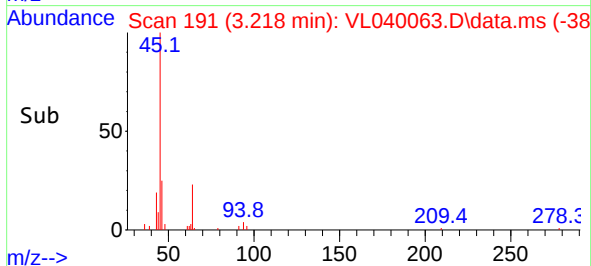
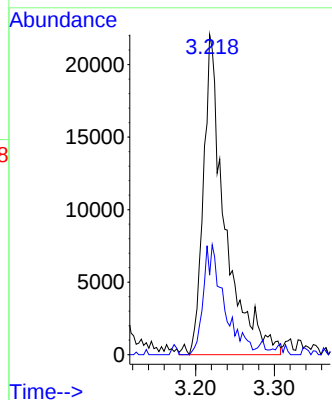
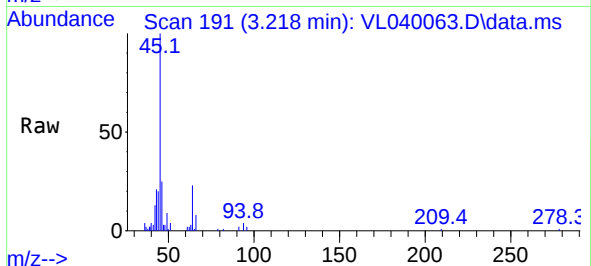
46 36.6 13.7 54.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#14

Bromoethene

Concen: 9.696 ppbv

RT: 3.340 min Scan# 229

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

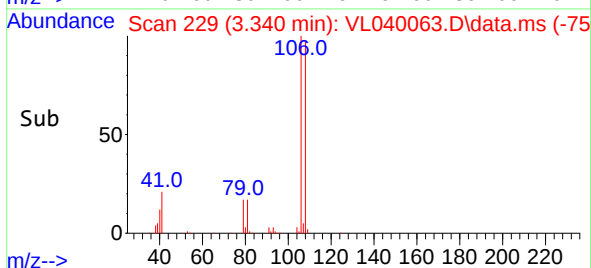
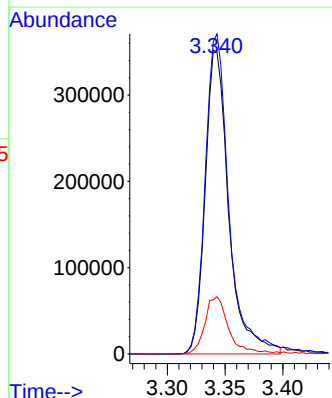
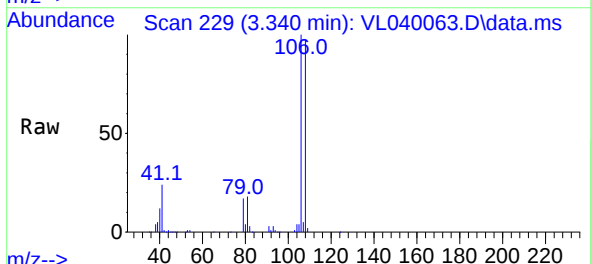
Tgt Ion:108 Resp: 499958

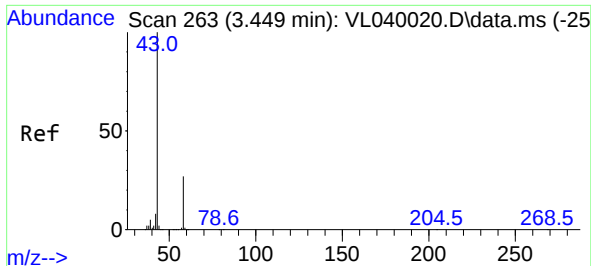
Ion Ratio Lower Upper

108 100

106 108.0 87.5 131.3

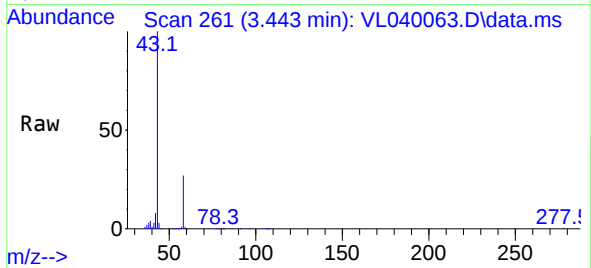
79 19.5 15.8 23.8





#15
Acetone
Concen: 8.395 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

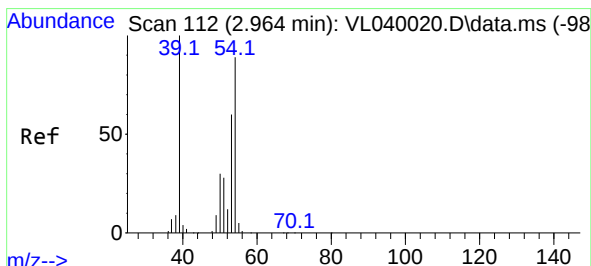
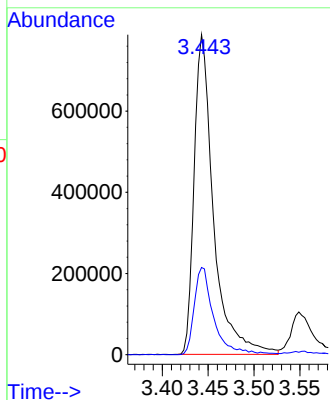
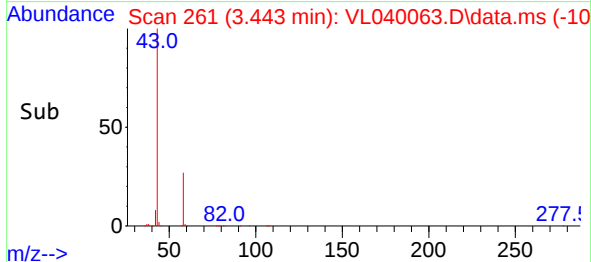
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



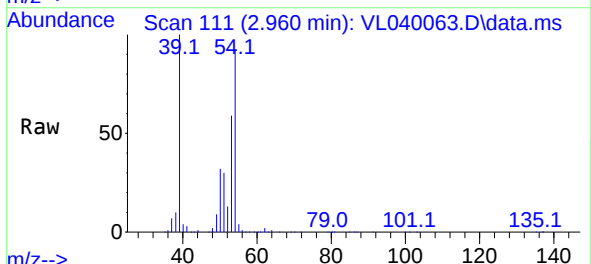
Tgt Ion: 43 Resp: 1154349
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8

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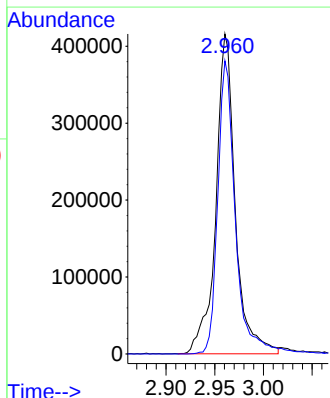
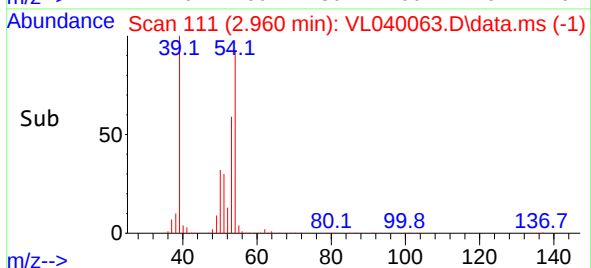
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

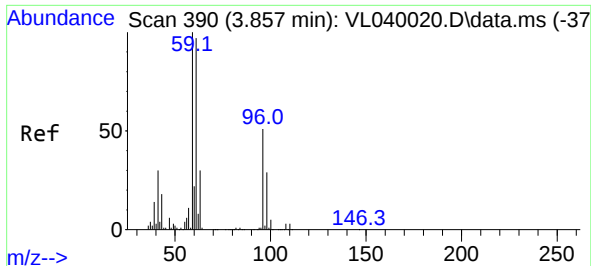


#16
1,3-Butadiene
Concen: 9.654 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



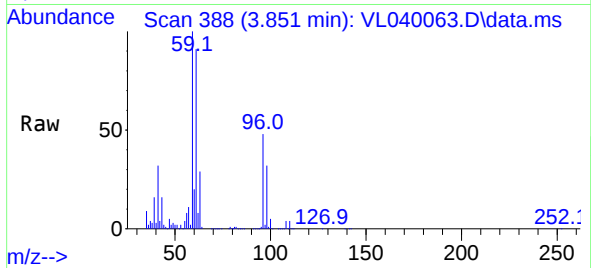
Tgt Ion: 39 Resp: 577045
Ion Ratio Lower Upper
39 100
54 84.0 68.3 102.5





#17
tert-Butyl alcohol
Concen: 8.791 ppbv
RT: 3.851 min Scan# 390
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

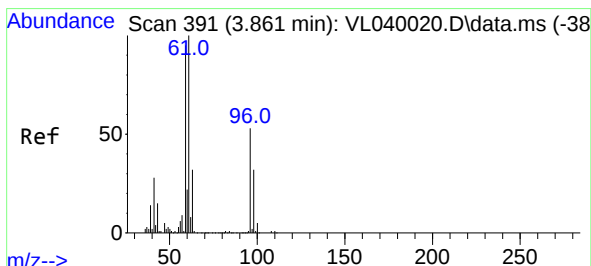
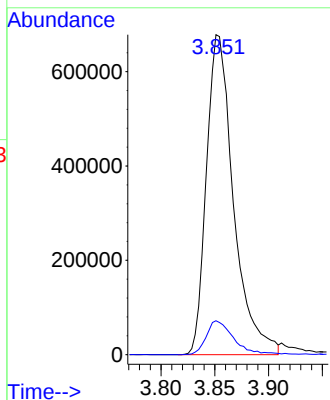
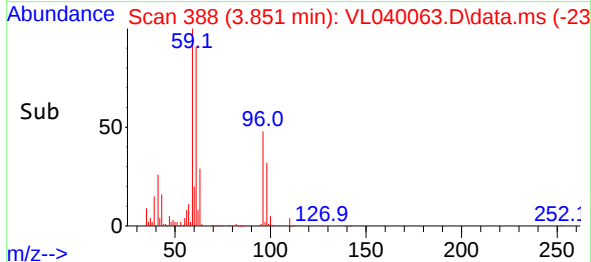
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



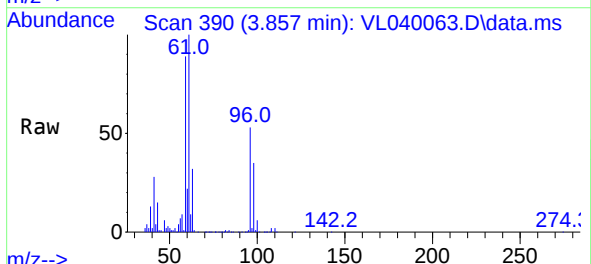
Tgt Ion: 59 Resp: 1191808
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

Manual Integrations
APPROVED

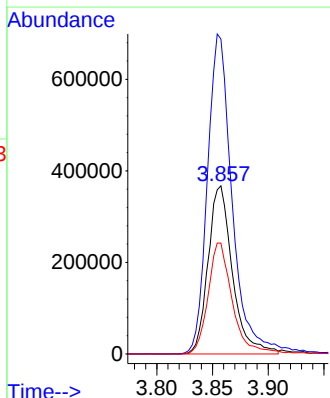
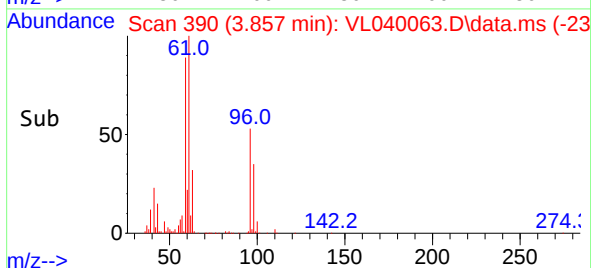
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

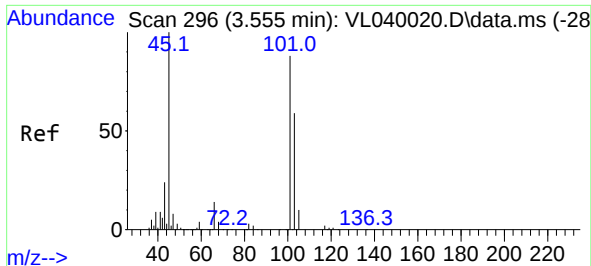


#18
1,1-Dichloroethene
Concen: 9.405 ppbv
RT: 3.857 min Scan# 390
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



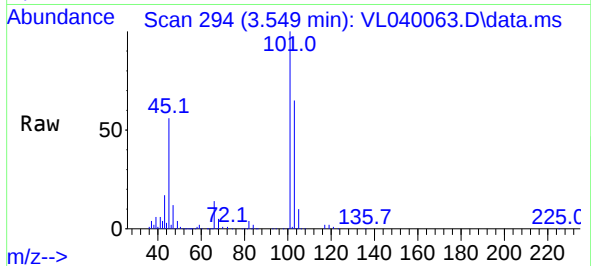
Tgt Ion: 96 Resp: 560530
Ion Ratio Lower Upper
96 100
61 187.1 151.0 226.6
98 65.9 47.7 71.5





#19
Isopropyl Alcohol
Concen: 8.925 ppbv
RT: 3.549 min Scan# 296
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

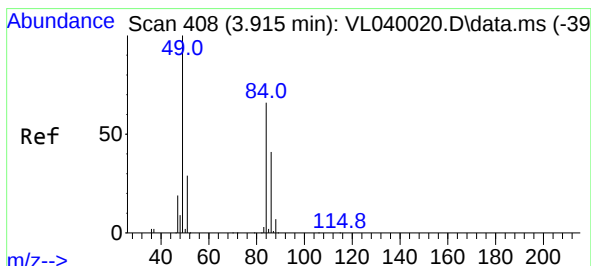
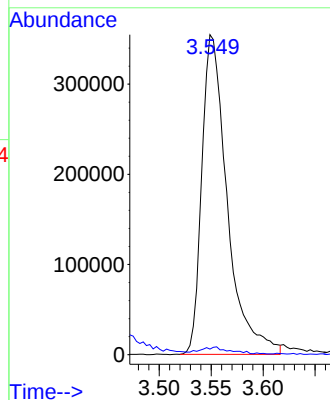
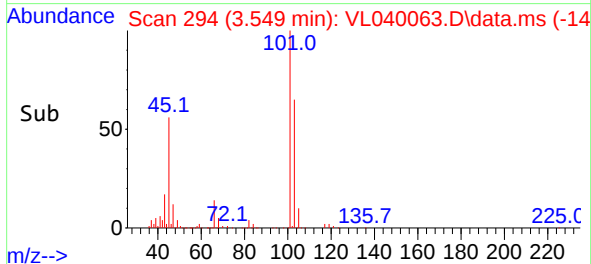
Instrument : MSVOA_L
ClientSampleId : VL1222ABS01



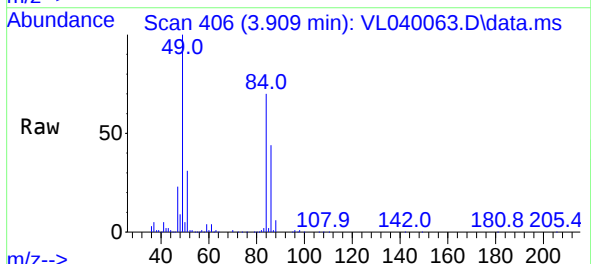
Tgt Ion: 45 Resp: 60480
Ion Ratio Lower Upper
45 100
58 3.1 1.7 2.5

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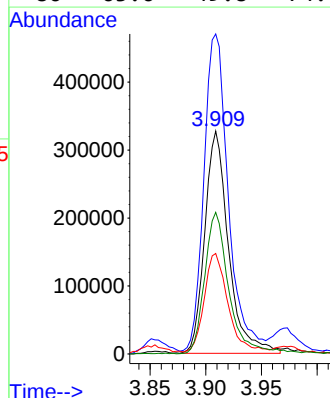
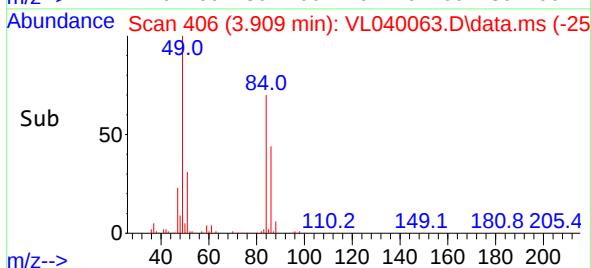
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

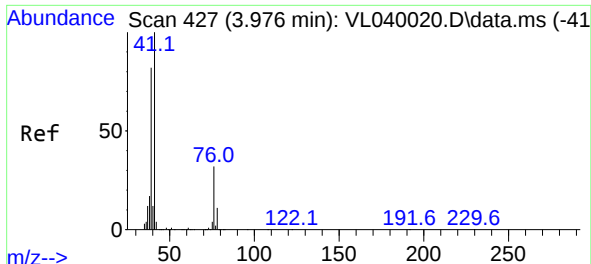


#20
Methylene Chloride
Concen: 8.325 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 84 Resp: 486584
Ion Ratio Lower Upper
84 100
49 142.8 120.5 180.7
51 44.1 35.2 52.8
86 63.6 49.8 74.6





#21

Allyl Chloride

Concen: 9.577 ppbv

RT: 3.970 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 41 Resp: 79137

Ion Ratio Lower Upper

41 100

76 32.5 25.9 38.9

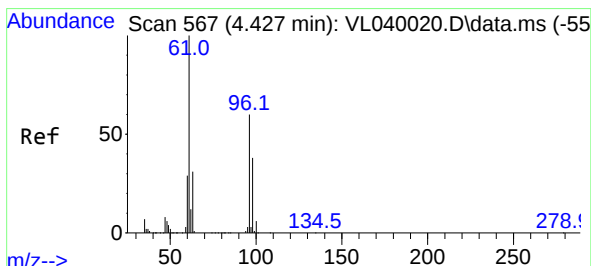
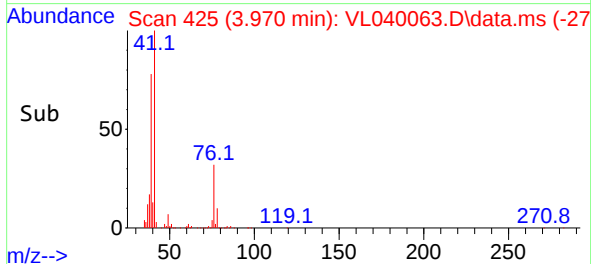
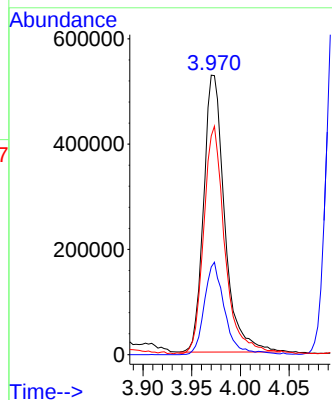
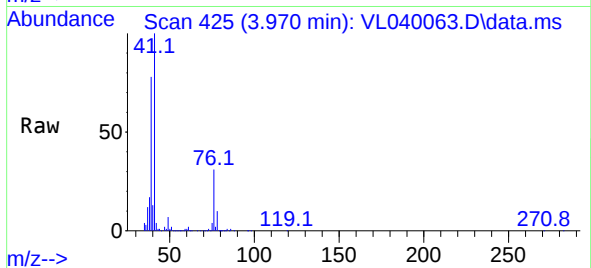
39 83.4 66.0 99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#22

trans-1,2-Dichloroethene

Concen: 10.098 ppbv

RT: 4.423 min Scan# 566

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

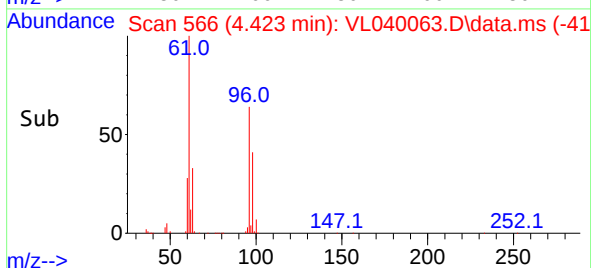
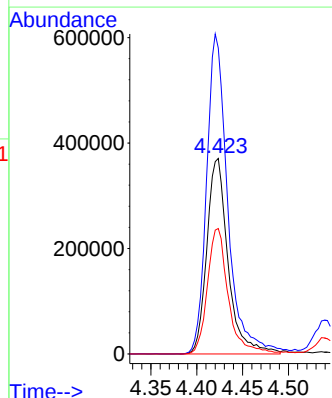
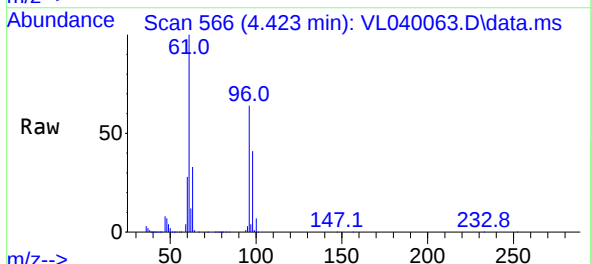
Tgt Ion: 96 Resp: 599854

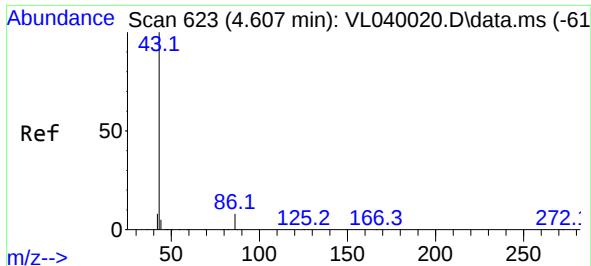
Ion Ratio Lower Upper

96 100

61 156.4 133.6 200.4

98 64.1 51.4 77.0





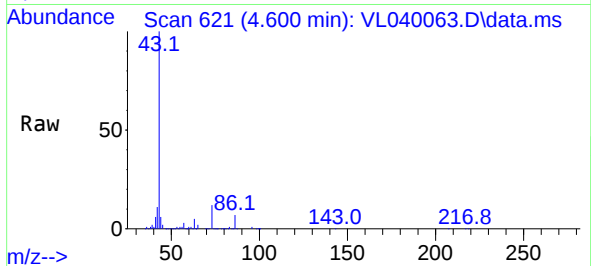
#23
 Vinyl Acetate
 Concen: 9.499 ppbv
 RT: 4.600 min Scan# 601
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

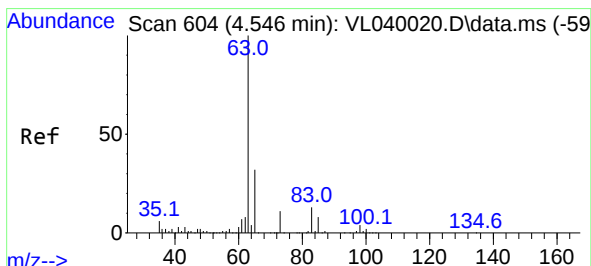
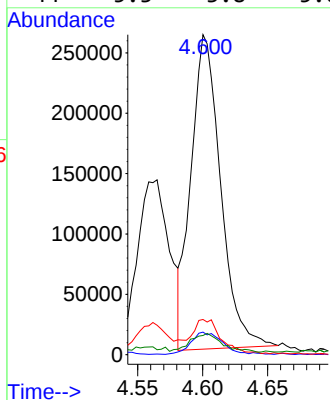
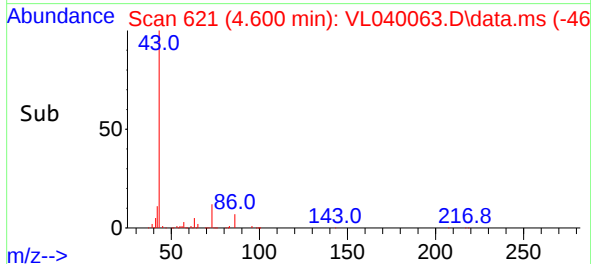


Tgt Ion: 43 Resp: 414118
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.3 7.9
 42 11.0 7.4 11.0
 44 5.3 3.8 5.6

Manual Integrations

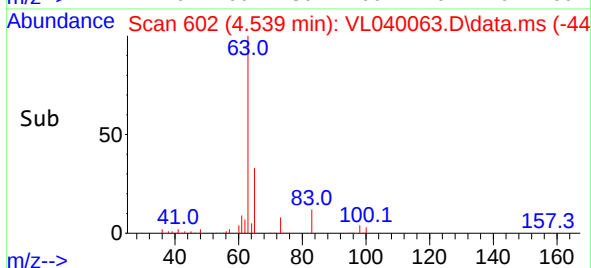
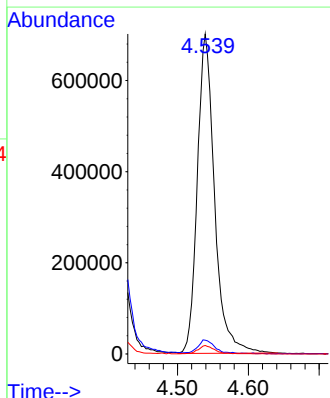
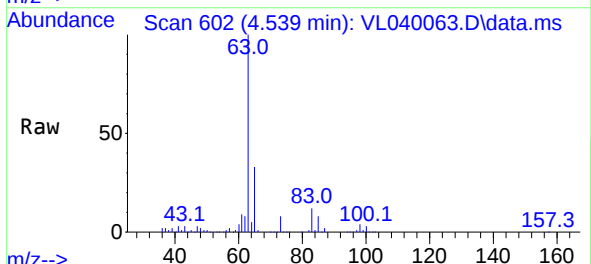
APPROVED

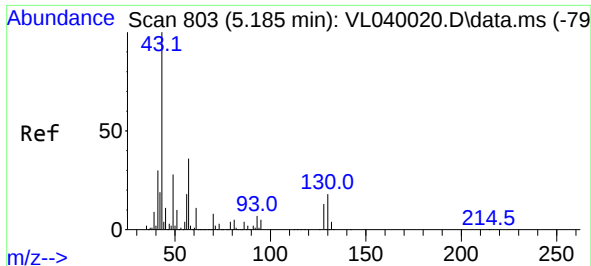
Reviewed By :Semsettin Yesilyurt 12/23/2022
 Supervised By :Mahesh Dadoda 12/27/2022



#24
 1,1-Dichloroethane
 Concen: 9.244 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. -0.006 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

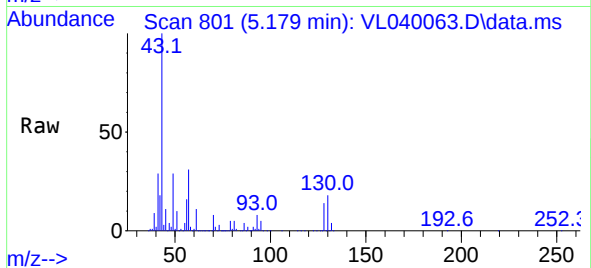
Tgt Ion: 63 Resp: 1183372
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.6 1.1 3.3





#25
Ethyl Acetate
Concen: 9.086 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

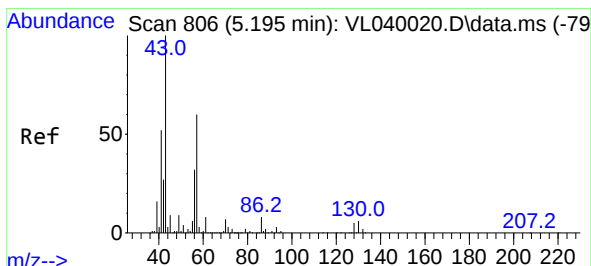
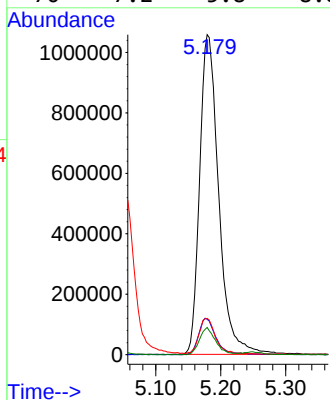
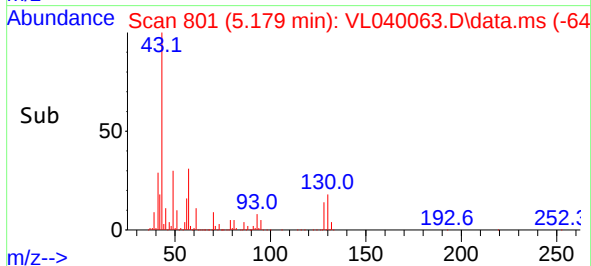


Tgt Ion: 43 Resp: 216386

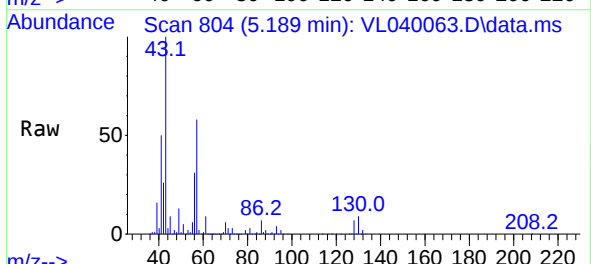
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.6	12.8
61	10.2	8.5	12.7
70	7.2	5.8	8.8

Manual Integrations
APPROVED

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

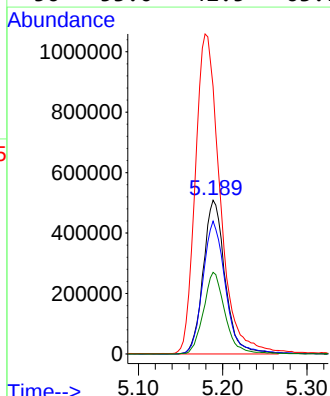
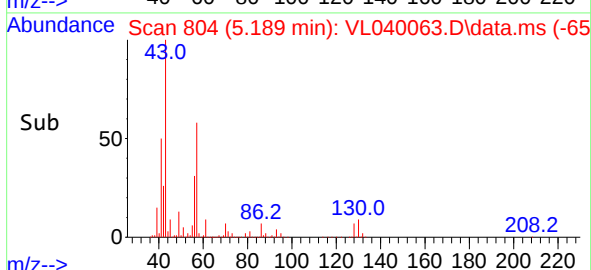


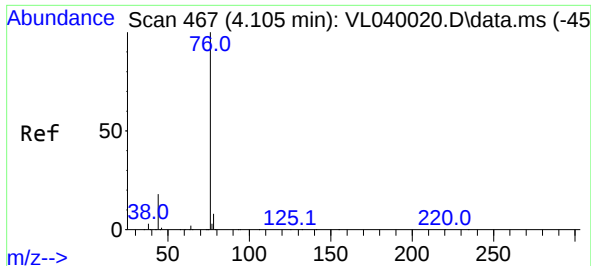
#26
Hexane
Concen: 9.153 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 57 Resp: 916153

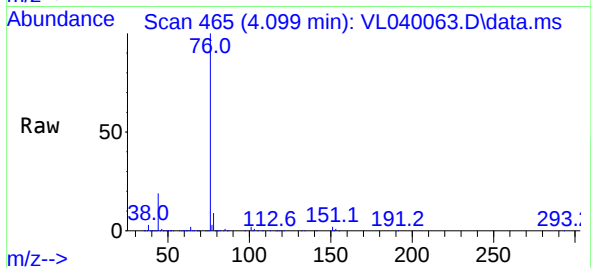
Ion	Ratio	Lower	Upper
57	100		
41	90.6	72.1	108.1
43	237.4	192.1	288.1
56	53.0	42.5	63.7





#27
Carbon Disulfide
Concen: 11.013 ppbv
RT: 4.099 min Scan# 409
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

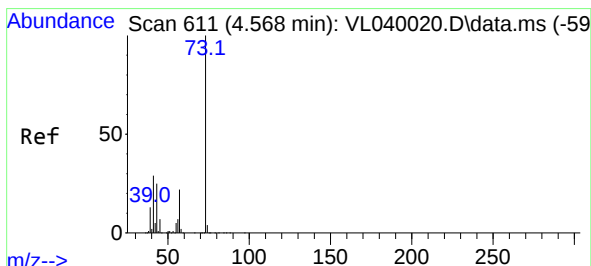
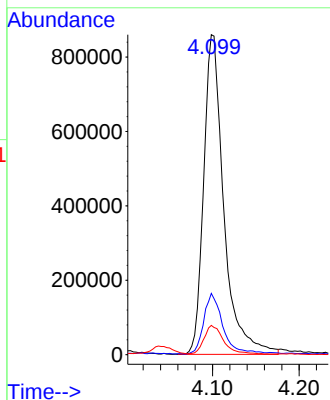
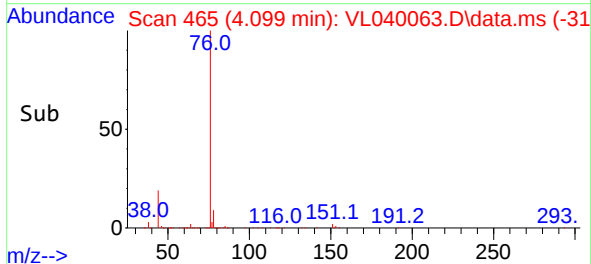
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



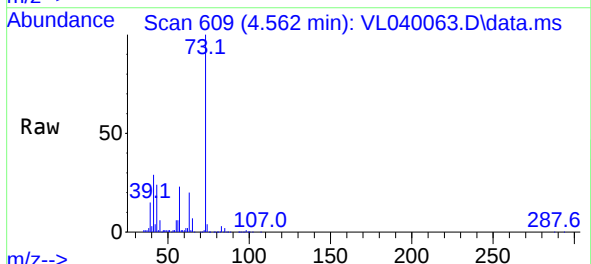
Tgt Ion: 76 Resp: 139036
Ion Ratio Lower Upper
76 100
44 18.2 15.3 22.9
78 9.2 7.8 11.6

Manual Integrations
APPROVED

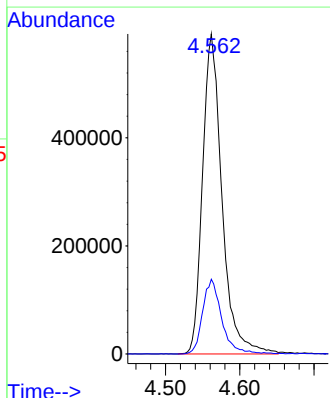
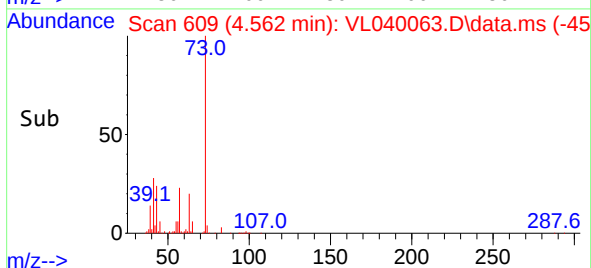
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

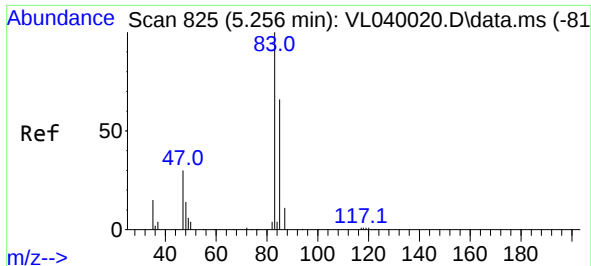


#28
Methyl tert-Butyl Ether
Concen: 9.128 ppbv
RT: 4.562 min Scan# 609
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 73 Resp: 1076721
Ion Ratio Lower Upper
73 100
57 23.0 18.6 28.0





#29

Chloroform

Concen: 9.083 ppbv

RT: 5.250 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 83 Resp: 138726

Ion Ratio Lower Upper

83 100

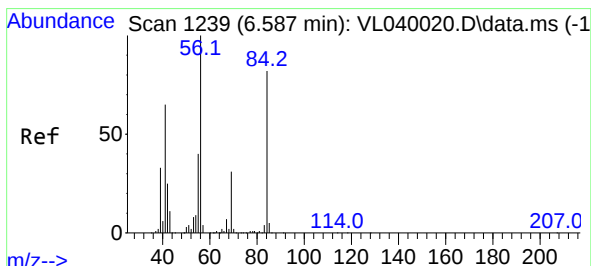
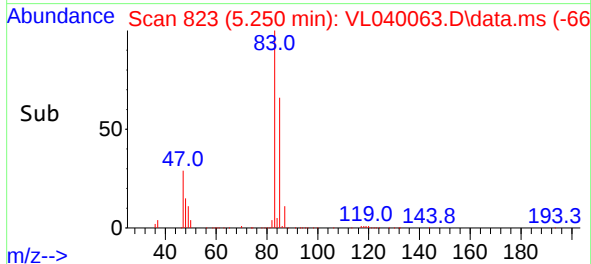
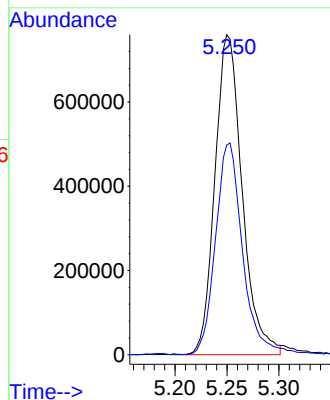
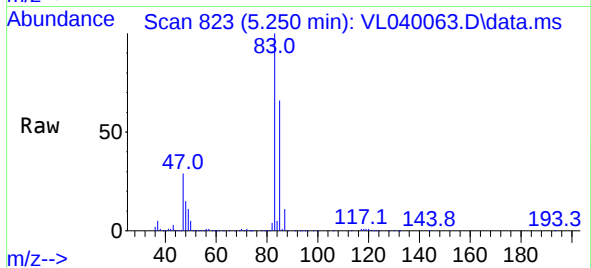
85 65.5 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#30

Cyclohexane

Concen: 9.261 ppbv

RT: 6.578 min Scan# 1236

Delta R.T. -0.010 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

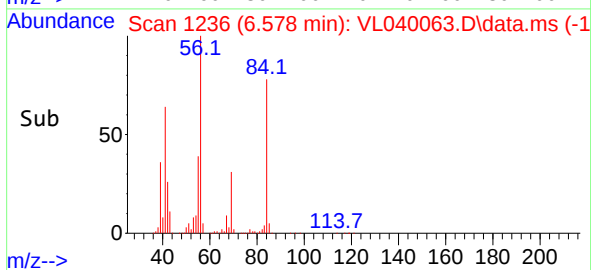
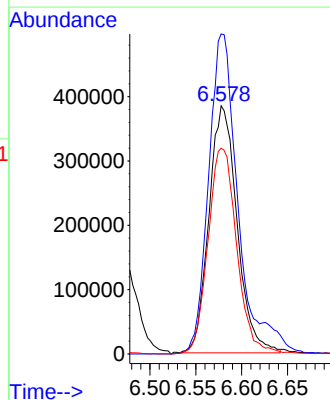
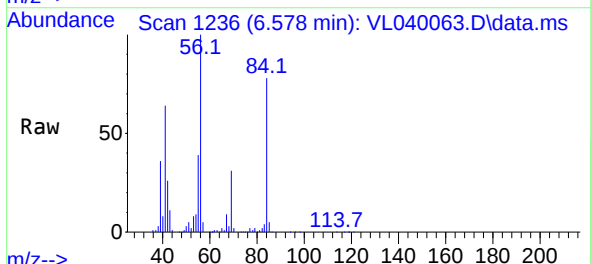
Tgt Ion: 84 Resp: 820945

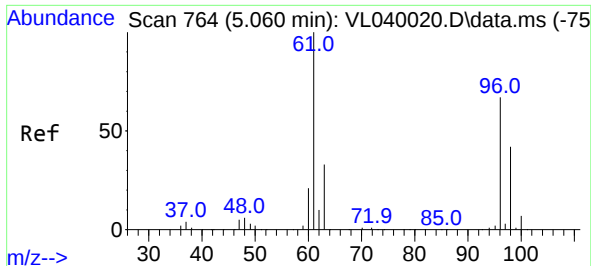
Ion Ratio Lower Upper

84 100

56 136.9 110.2 165.4

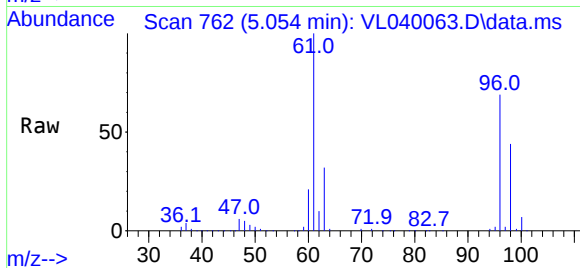
41 85.2 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 9.408 ppbv
RT: 5.054 min Scan# 701
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

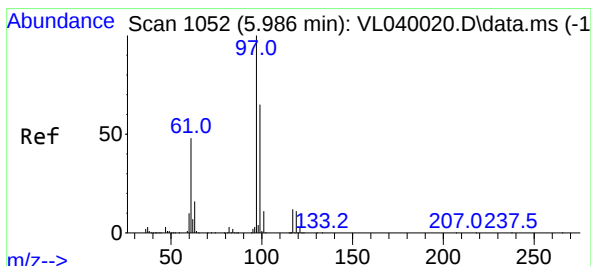
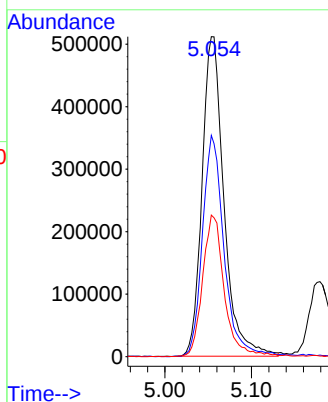
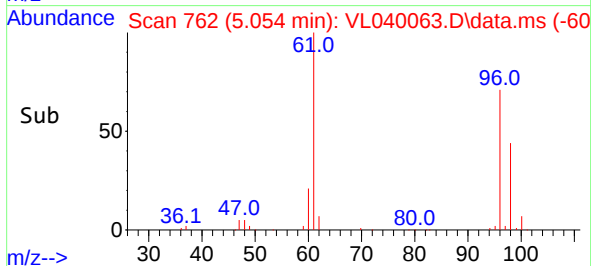
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



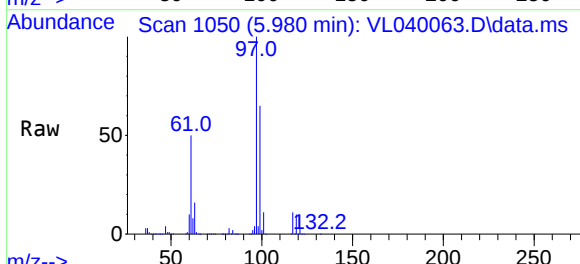
Tgt Ion: 61 Resp: 896777
Ion Ratio Lower Upper
61 100
96 69.1 53.4 80.2
98 44.2 33.4 50.0

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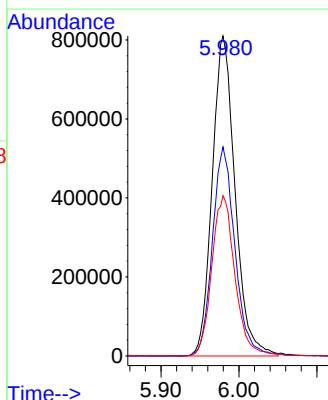
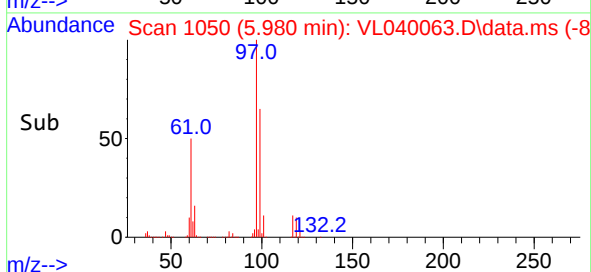
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

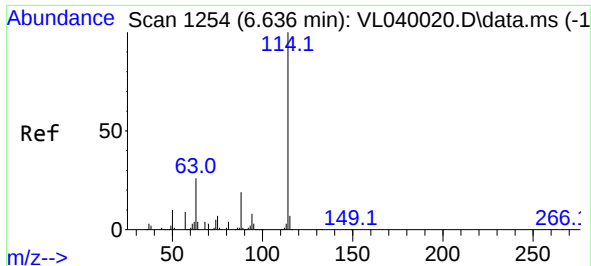


#32
1,1,1-Trichloroethane
Concen: 10.075 ppbv
RT: 5.980 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



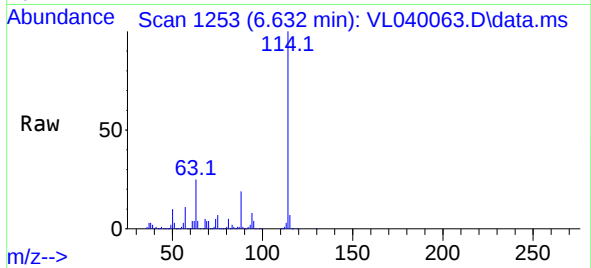
Tgt Ion: 97 Resp: 1647469
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 50.9 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

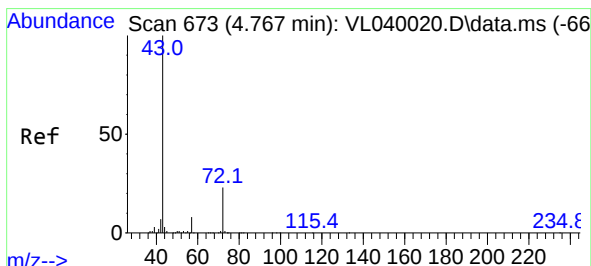
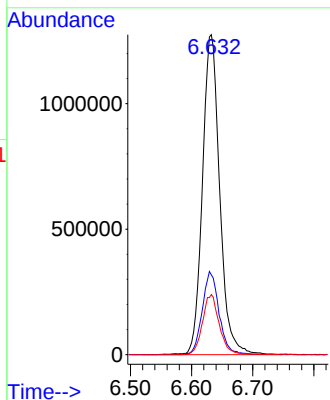
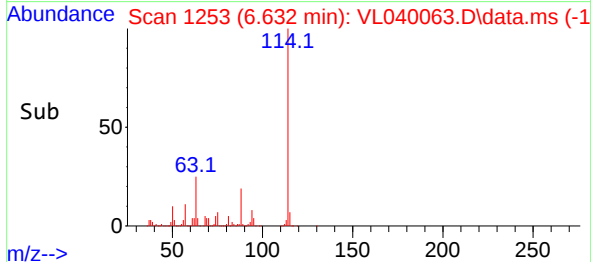
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



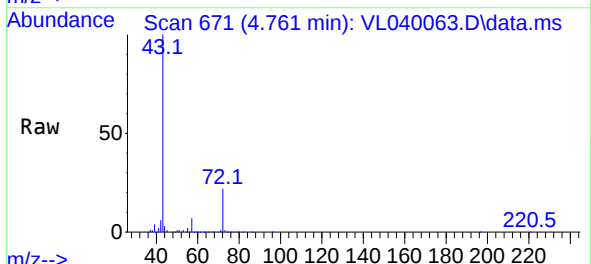
Tgt Ion:114 Resp: 2496599
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.2
88 18.4 14.6 21.8

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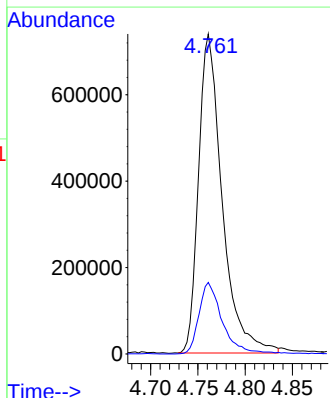
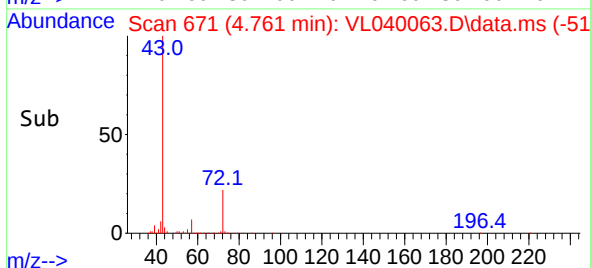
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

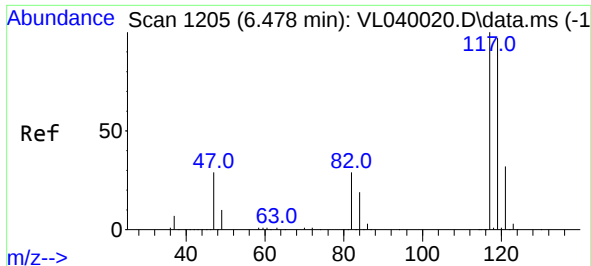


#34
2-Butanone
Concen: 9.473 ppbv
RT: 4.761 min Scan# 671
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



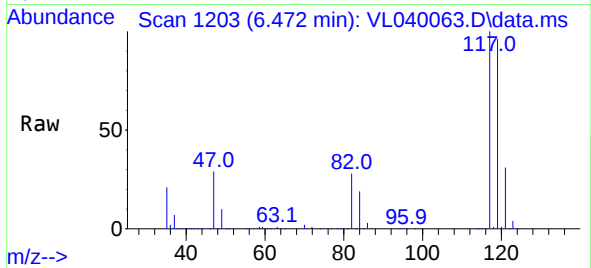
Tgt Ion: 43 Resp: 1283051
Ion Ratio Lower Upper
43 100
72 22.5 18.0 27.0





#35
Carbon Tetrachloride
Concen: 11.028 ppbv
RT: 6.472 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

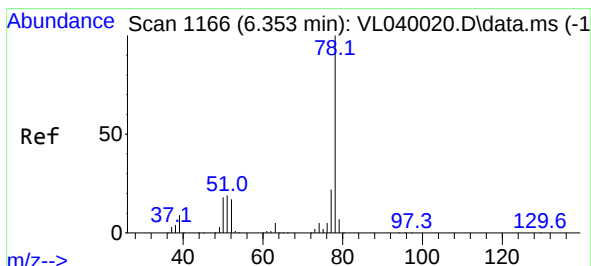
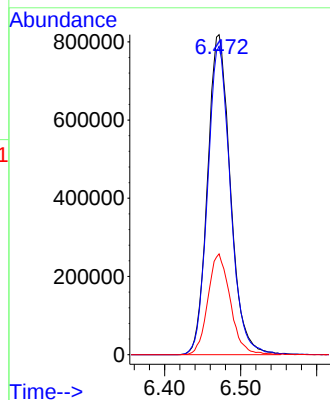
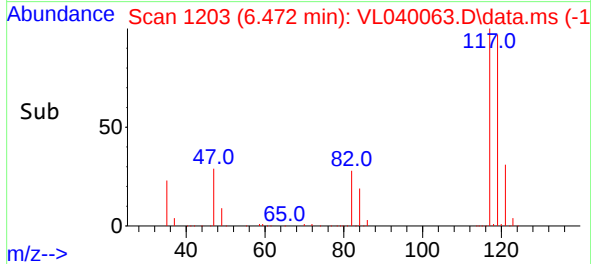
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



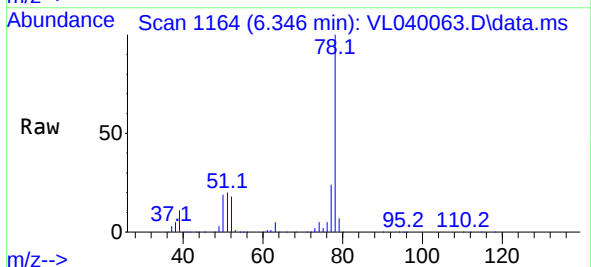
Tgt Ion: 117 Resp: 1710064
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 31.5 25.4 38.0

Manual Integrations
APPROVED

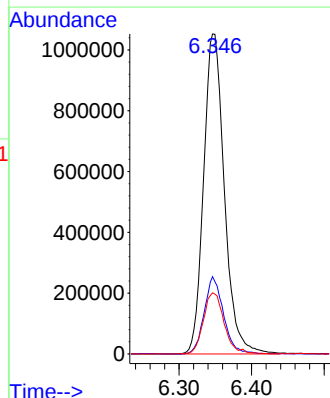
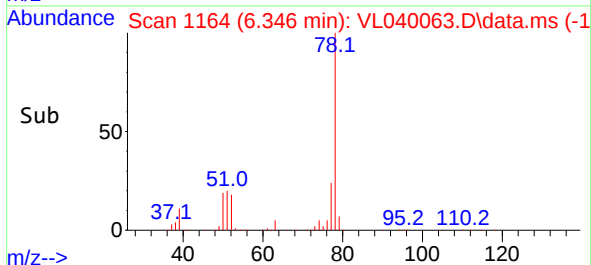
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

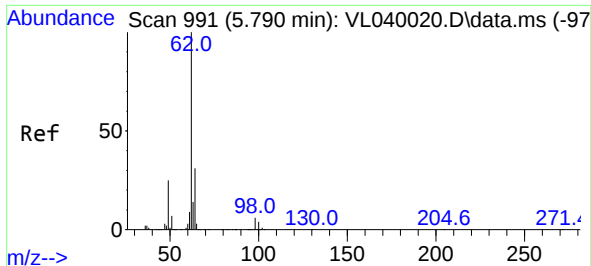


#36
Benzene
Concen: 9.394 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 78 Resp: 2094581
Ion Ratio Lower Upper
78 100
77 24.1 17.5 26.3
50 19.1 14.2 21.2





#37

1,2-Dichloroethane

Concen: 9.785 ppbv

RT: 5.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 62 Resp: 1279840

Ion Ratio Lower Upper

62 100

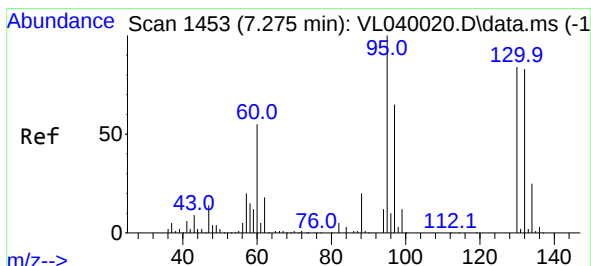
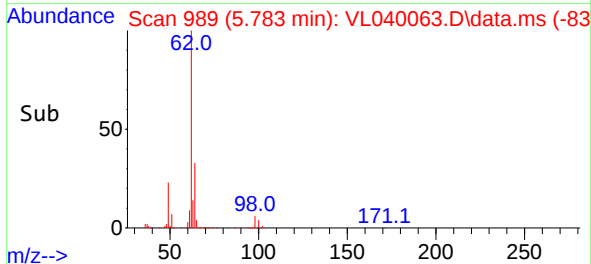
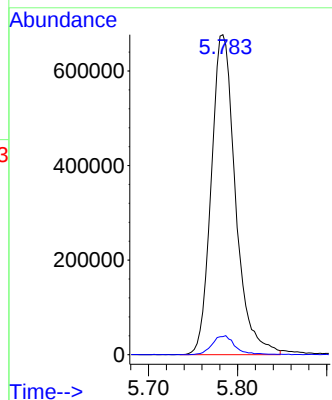
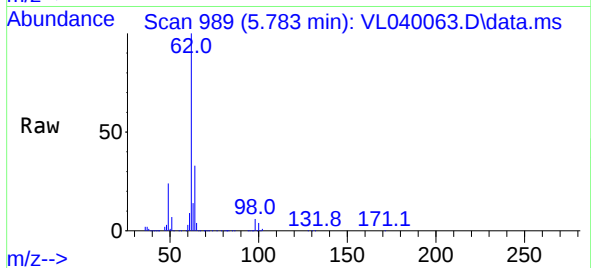
98 5.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#38

Trichloroethene

Concen: 10.729 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Tgt Ion:130 Resp: 1229353

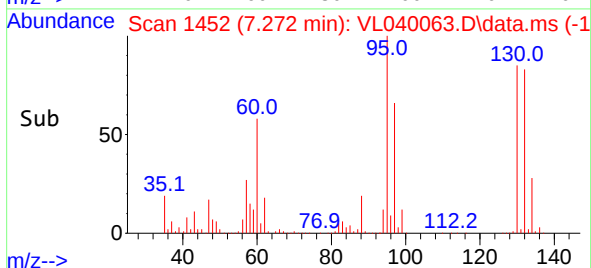
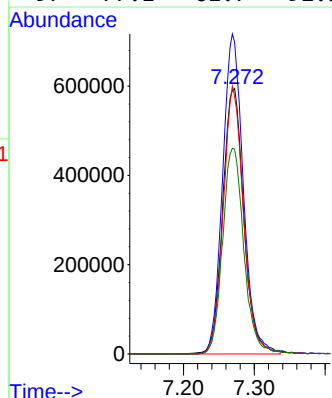
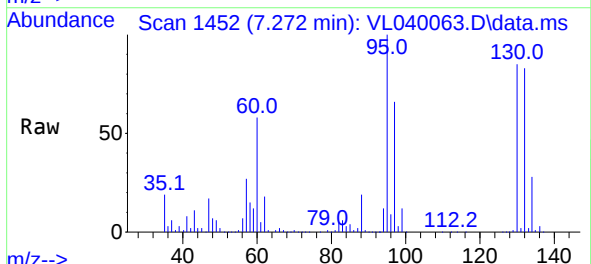
Ion Ratio Lower Upper

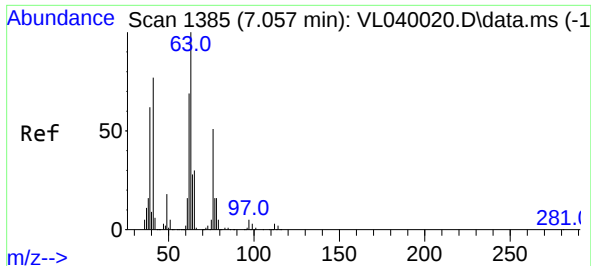
130 100

95 117.5 94.8 142.2

132 97.1 78.2 117.4

97 77.1 61.7 92.5





#39

1,2-Dichloropropane

Concen: 9.371 ppbv

RT: 7.050 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 63 Resp: 78320

Ion Ratio Lower Upper

63 100

41 72.3 61.4 92.0

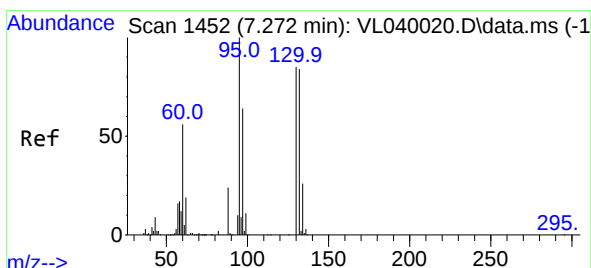
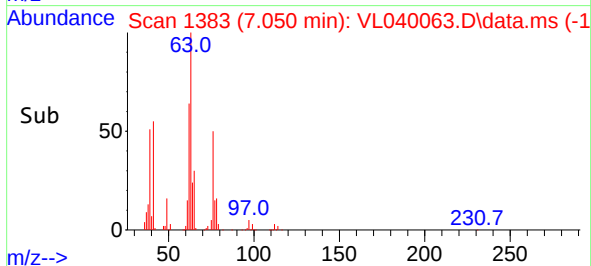
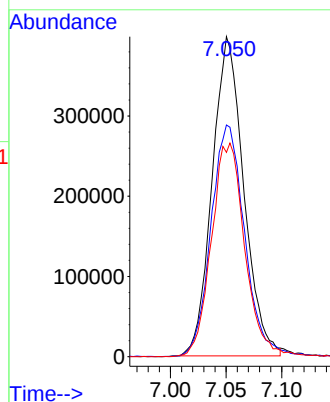
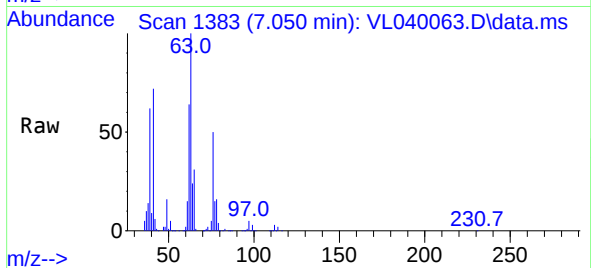
62 63.6 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#40

1,4-Dioxane

Concen: 9.091 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Tgt Ion: 88 Resp: 342440

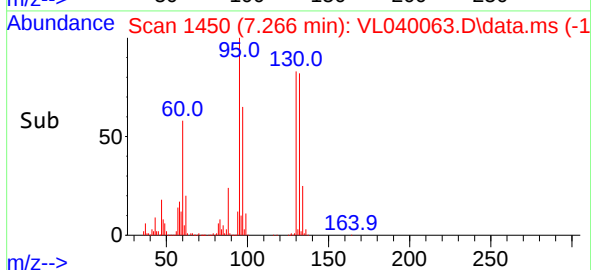
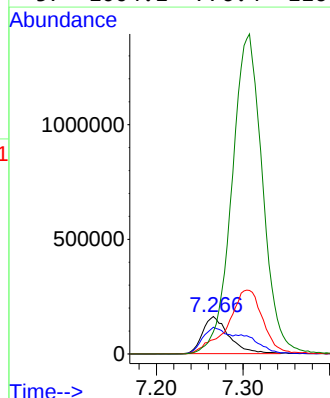
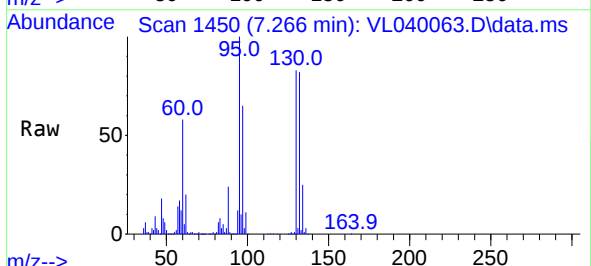
Ion Ratio Lower Upper

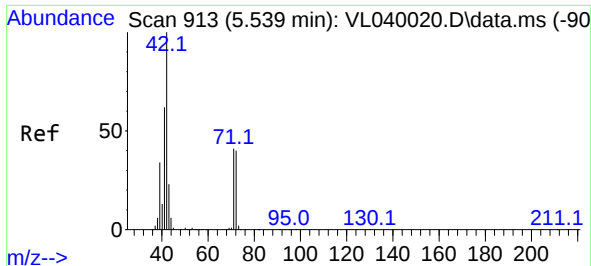
88 100

58 118.1 92.7 139.1

43 231.9 174.6 261.8

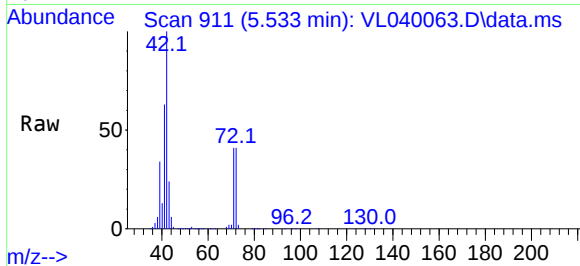
57 1004.1 776.4 1164.6





#41
Tetrahydrofuran
Concen: 9.352 ppbv
RT: 5.533 min Scan# 913
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

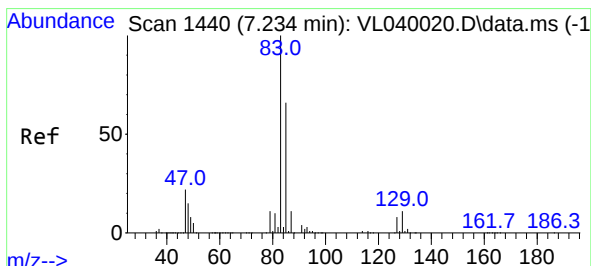
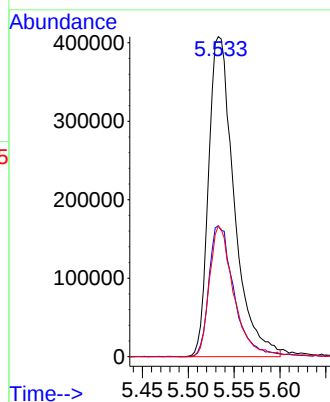
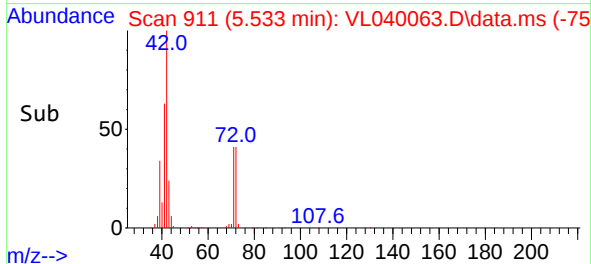
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



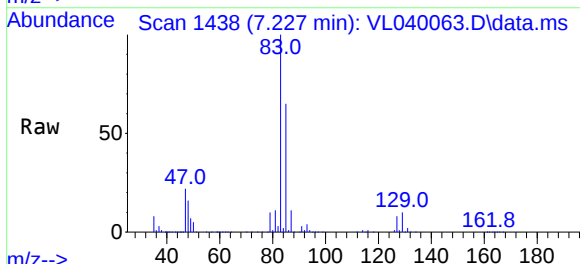
Tgt Ion: 42 Resp: 79057
Ion Ratio Lower Upper
42 100
72 40.9 32.9 49.3
71 39.7 32.2 48.2

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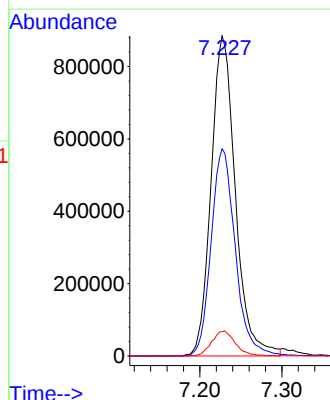
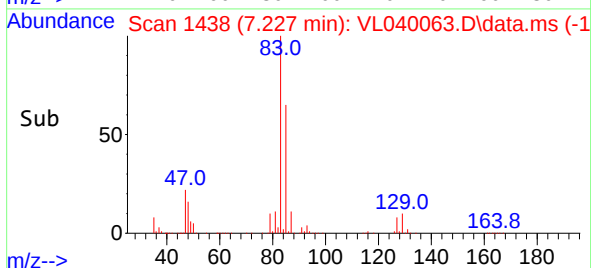
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

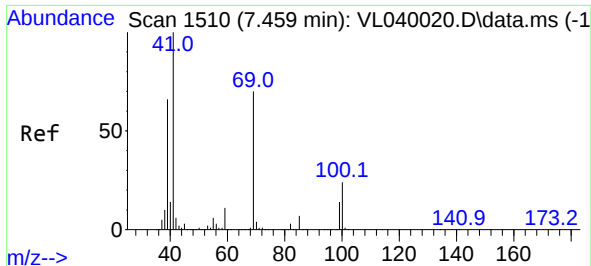


#42
Bromodichloromethane
Concen: 10.164 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



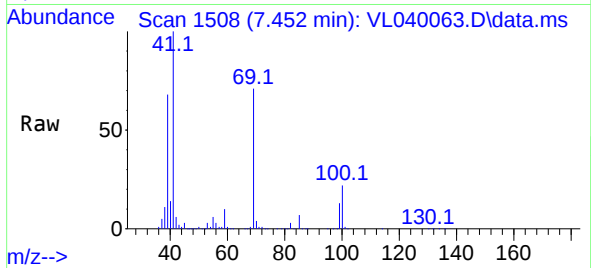
Tgt Ion: 83 Resp: 1821236
Ion Ratio Lower Upper
83 100
85 64.7 53.0 79.6
127 7.6 6.2 9.2





#43
Methyl Methacrylate
Concen: 9.975 ppbv
RT: 7.452 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

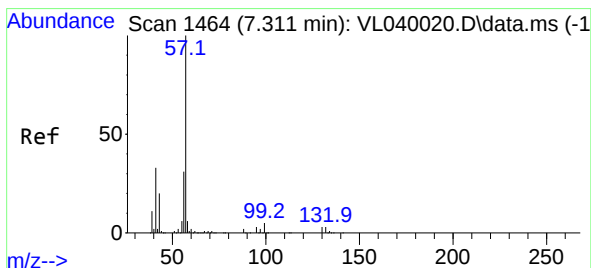
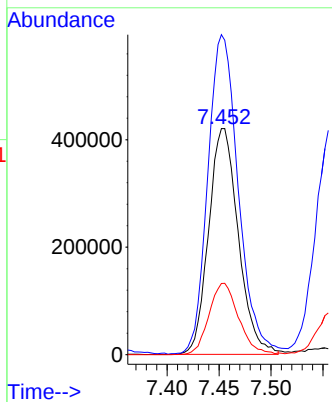
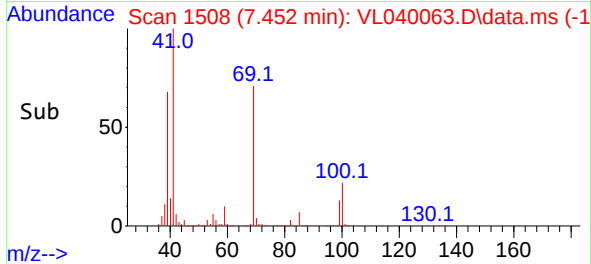
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



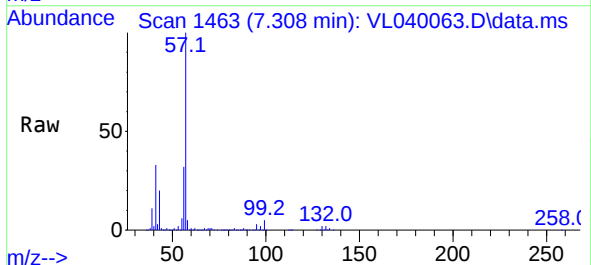
Tgt Ion: 69 Resp: 834730
Ion Ratio Lower Upper
69 100
41 146.1 115.7 173.5
100 31.7 26.0 39.0

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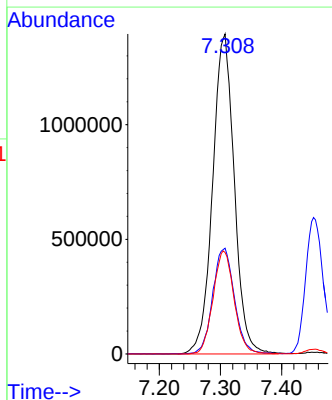
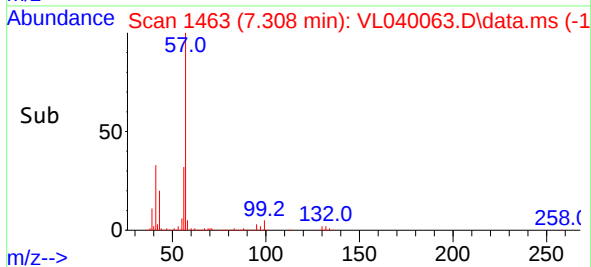
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

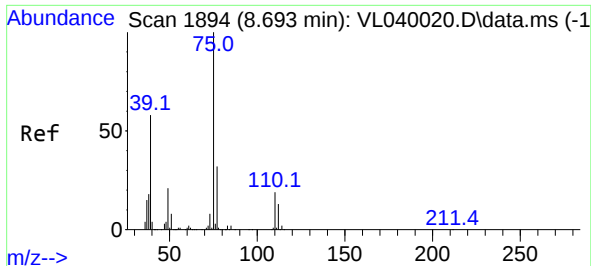


#44
2,2,4-Trimethylpentane
Concen: 9.355 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 57 Resp: 3434111
Ion Ratio Lower Upper
57 100
41 33.1 26.2 39.4
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.198 ppbv

RT: 8.687 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 75 Resp: 79198

Ion Ratio Lower Upper

75 100

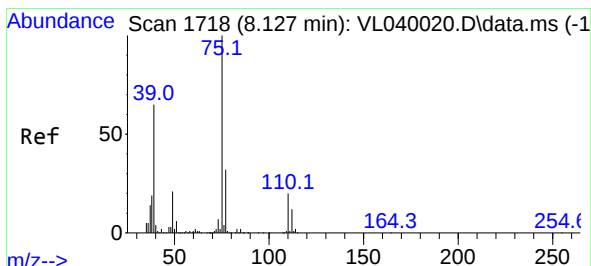
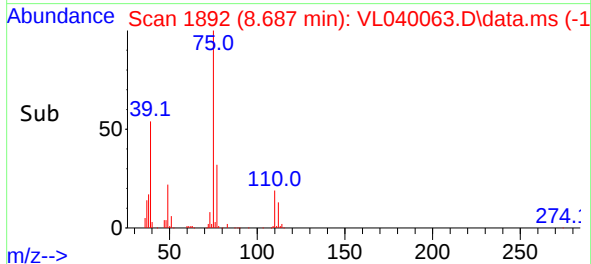
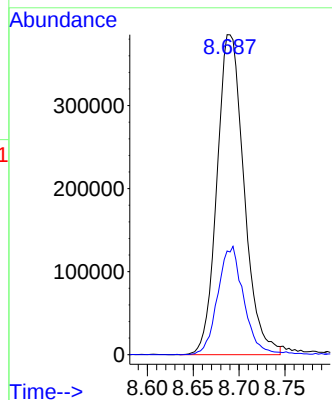
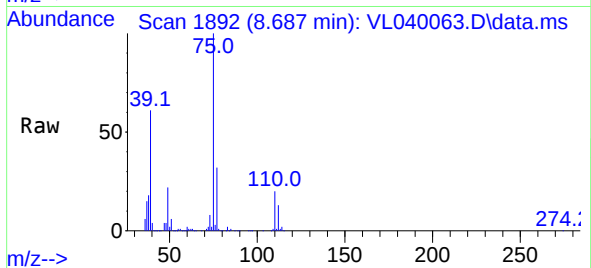
77 32.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#46

cis-1,3-Dichloropropene

Concen: 10.775 ppbv

RT: 8.121 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

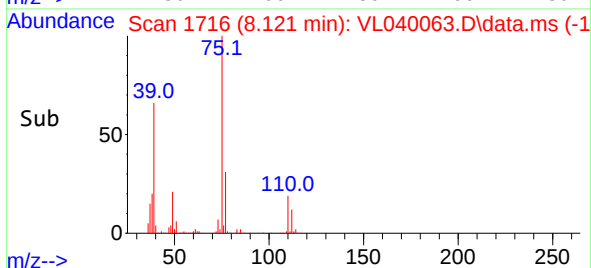
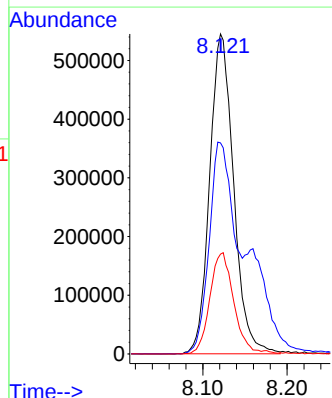
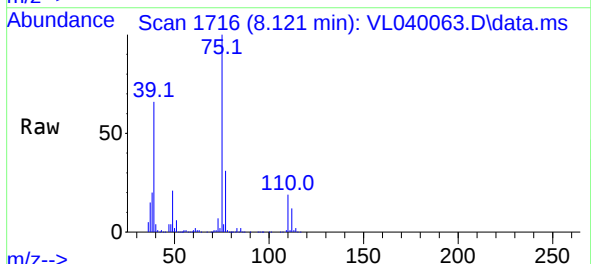
Tgt Ion: 75 Resp: 1074799

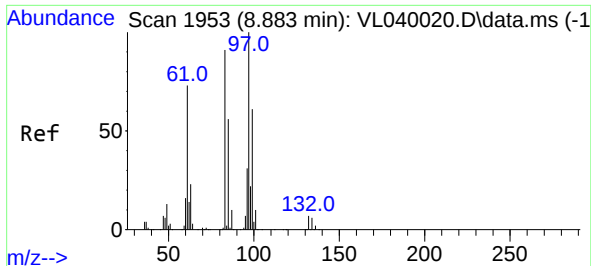
Ion Ratio Lower Upper

75 100

39 65.9 51.7 77.5

77 31.2 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.332 ppbv

RT: 8.877 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion: 97 Resp: 85414

Ion Ratio Lower Upper

97 100

83 88.7 72.5 108.7

85 59.4 45.0 67.6

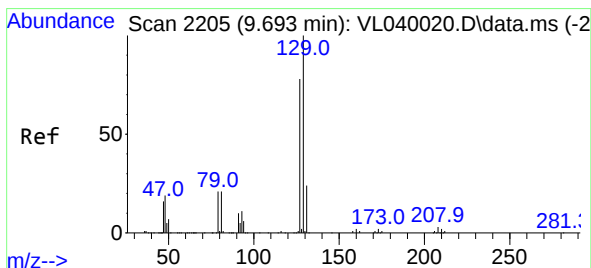
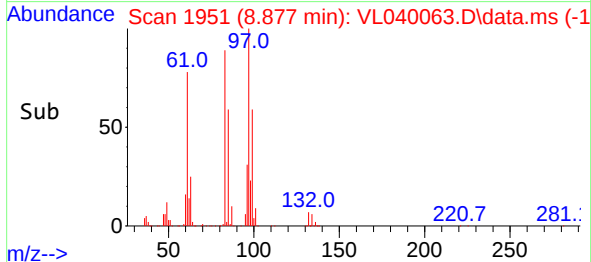
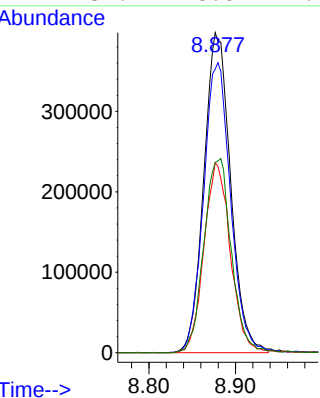
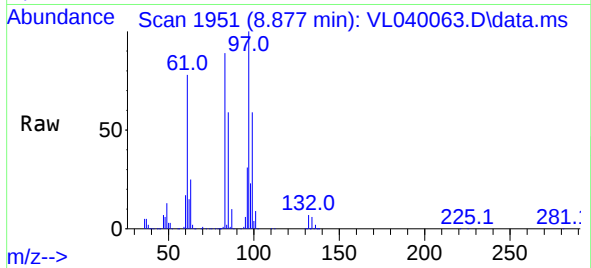
99 59.4 48.6 72.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2022

Supervised By :Mahesh Dadoda 12/27/2022



#48

Dibromochloromethane

Concen: 10.292 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.000 min

Lab File: VL040063.D

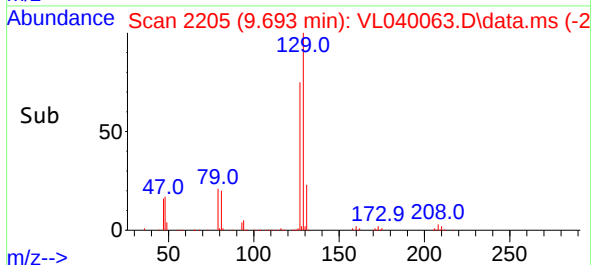
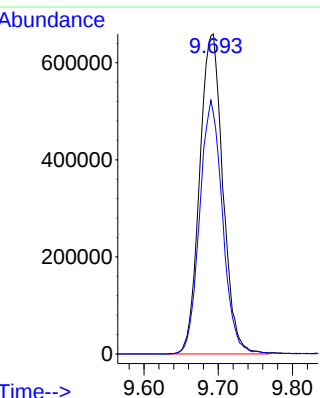
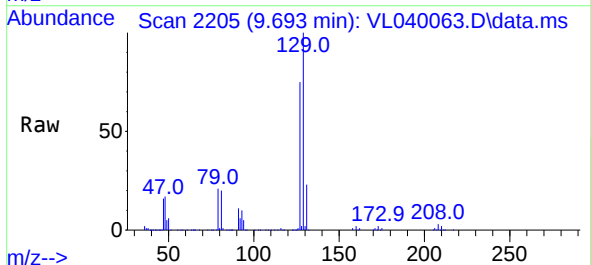
Acq: 22 Dec 2022 11:48

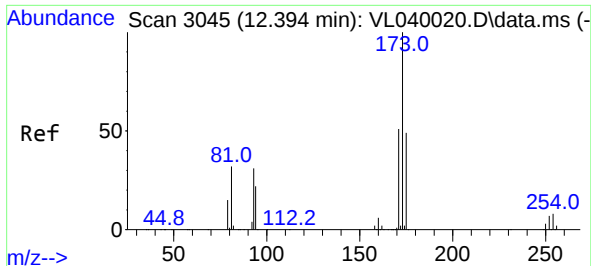
Tgt Ion:129 Resp: 1432594

Ion Ratio Lower Upper

129 100

127 78.3 39.4 118.1





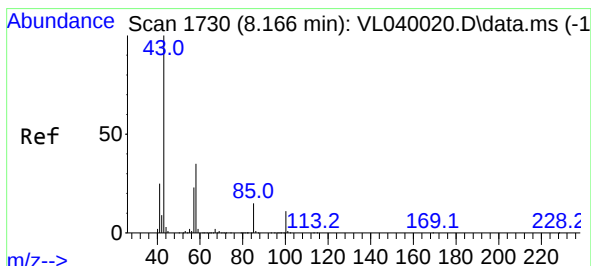
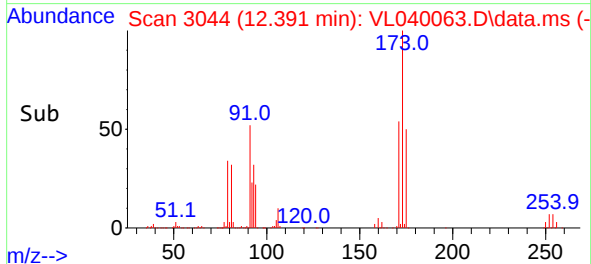
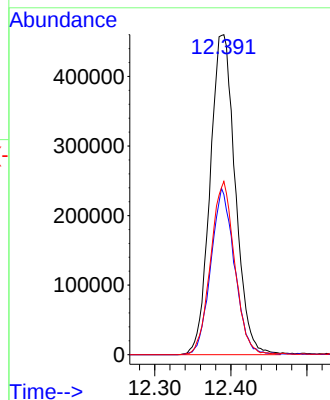
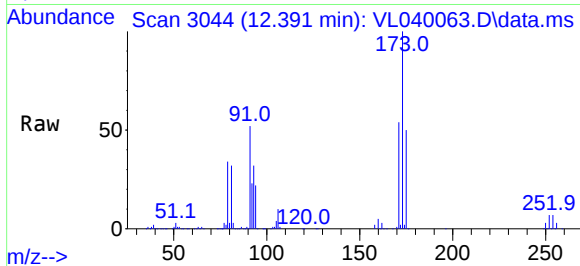
#49
Bromoform
Concen: 9.958 ppbv
RT: 12.391 min Scan# 3045
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument : MSVOA_L
ClientSampleId : VL1222ABS01

Tgt Ion: 173 Resp: 105735
Ion Ratio Lower Upper
173 100
175 49.2 39.0 58.4
171 52.1 42.0 63.0

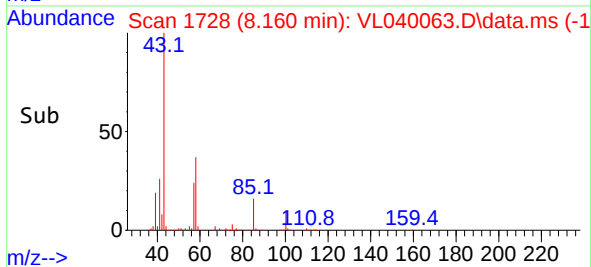
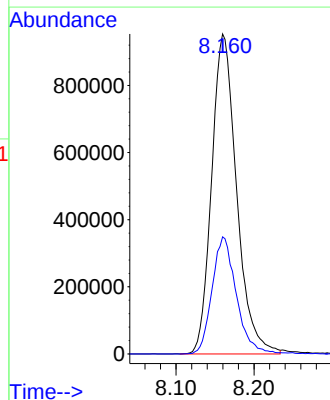
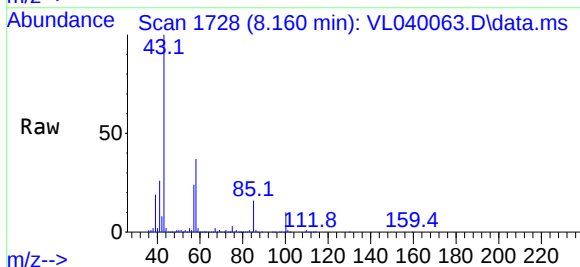
Manual Integrations
APPROVED

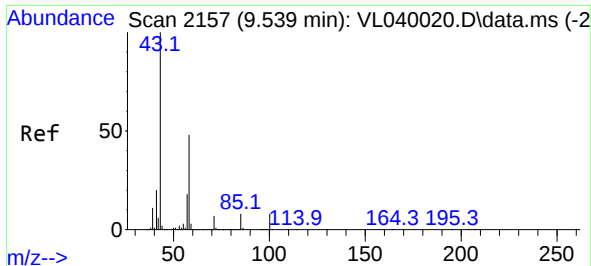
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#50
4-Methyl-2-Pentanone
Concen: 9.581 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

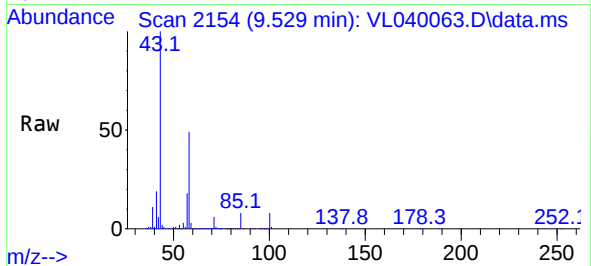
Tgt Ion: 43 Resp: 2119876
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.4





#51
2-Hexanone
Concen: 9.582 ppbv
RT: 9.529 min Scan# 2157
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

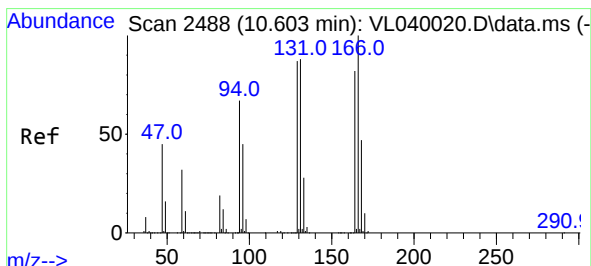
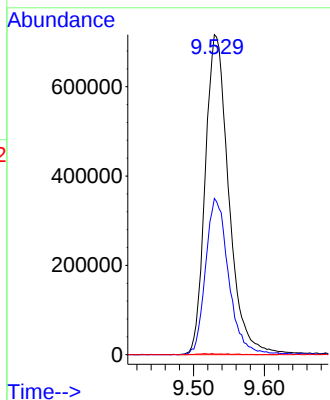
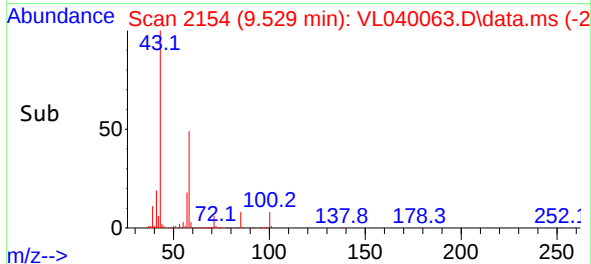
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



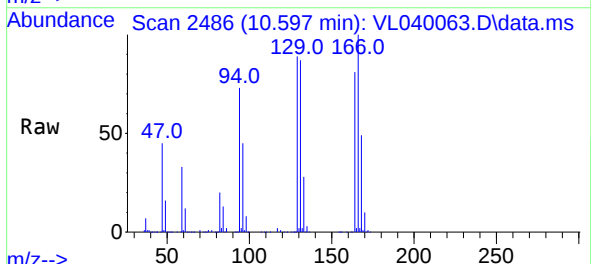
Tgt Ion: 43 Resp: 164915
Ion Ratio Lower Upper
43 100
58 48.3 39.4 59.2
98 0.4 0.2 0.4

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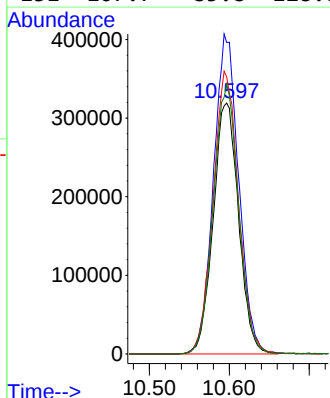
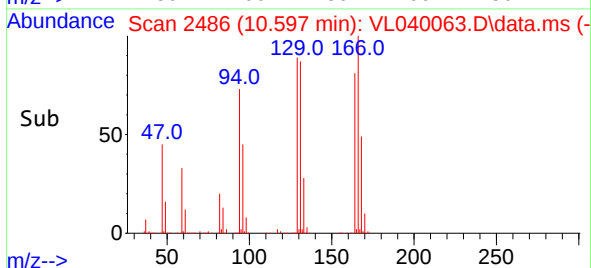
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

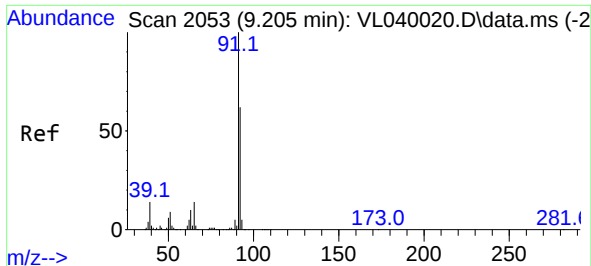


#52
Tetrachloroethene
Concen: 9.295 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



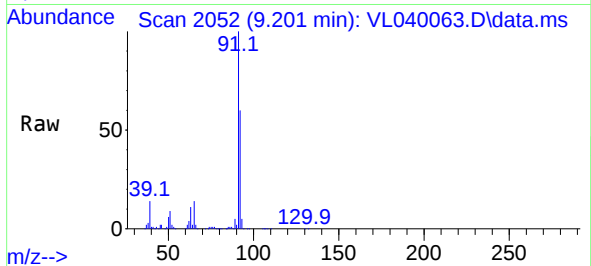
Tgt Ion:164 Resp: 704629
Ion Ratio Lower Upper
164 100
166 124.1 97.4 146.0
129 110.4 84.3 126.5
131 107.7 85.8 128.8





#53
Toluene
Concen: 9.577 ppbv
RT: 9.201 min Scan# 2052
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

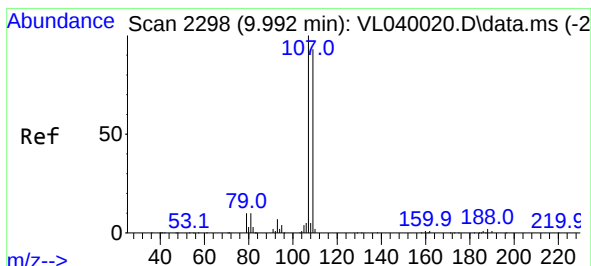
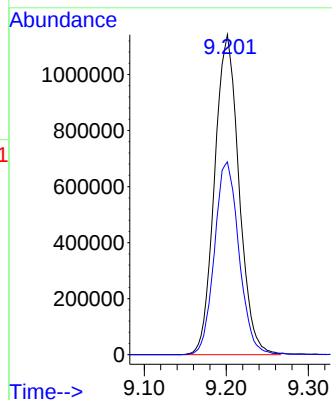
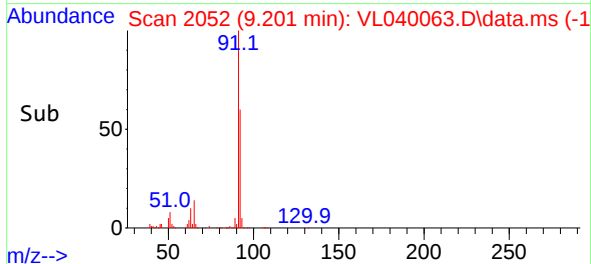
Instrument : MSVOA_L
ClientSampleId : VL1222ABS01



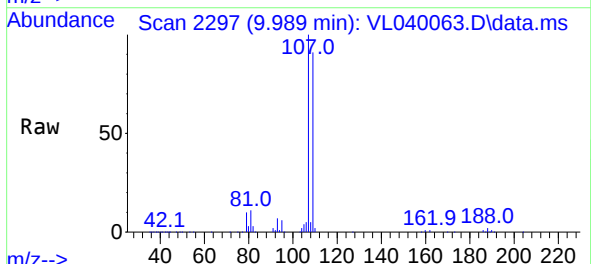
Tgt Ion: 91 Resp: 2364174
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1

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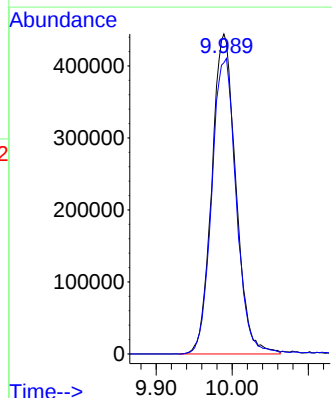
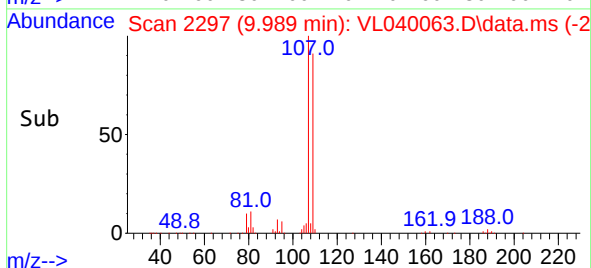
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

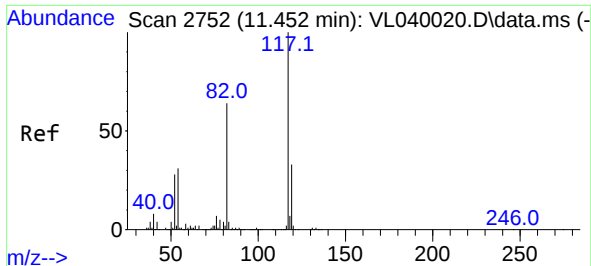


#54
1,2-Dibromoethane
Concen: 9.879 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



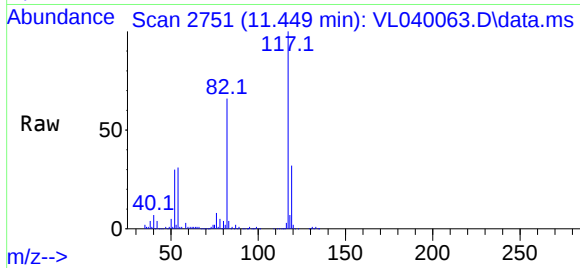
Tgt Ion:107 Resp: 973656
Ion Ratio Lower Upper
107 100
109 90.9 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

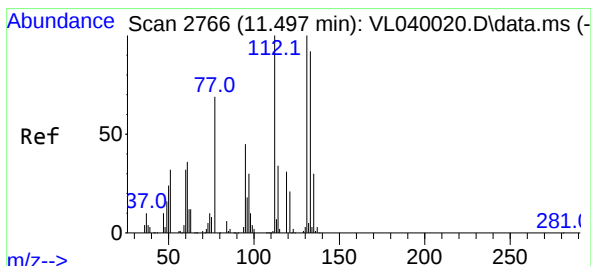
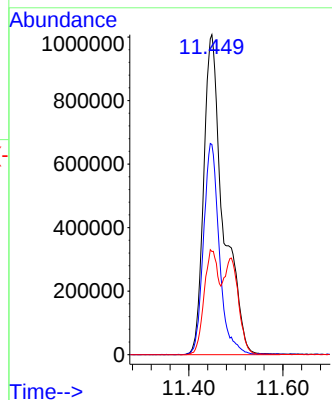
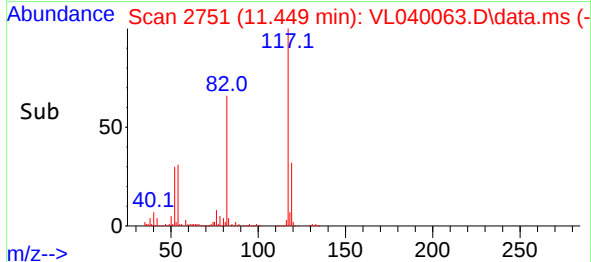
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



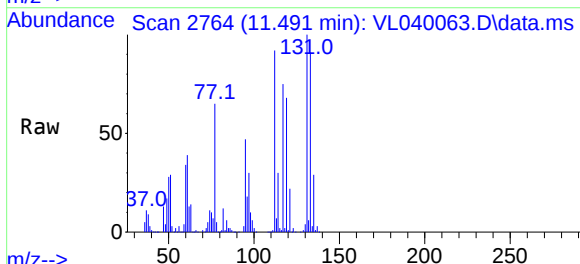
Tgt Ion:117 Resp: 292471
Ion Ratio Lower Upper
117 100
82 53.1 51.2 76.8
119 24.5 23.2 34.8

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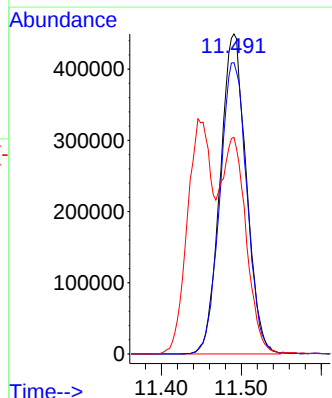
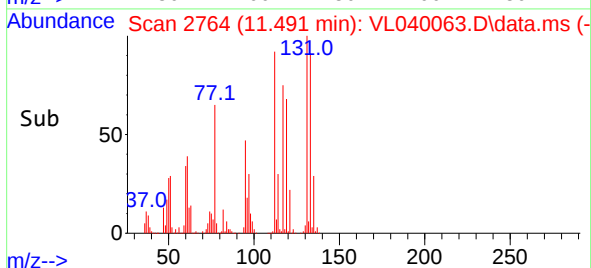
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

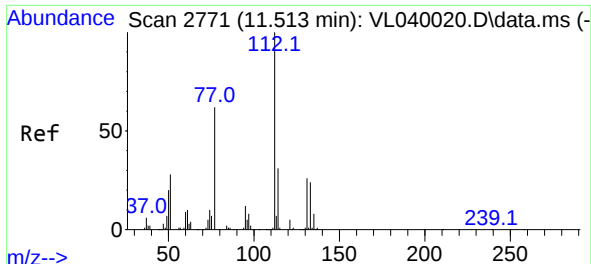


#56
1,1,1,2-Tetrachloroethane
Concen: 7.568 ppbv
RT: 11.491 min Scan# 2764
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



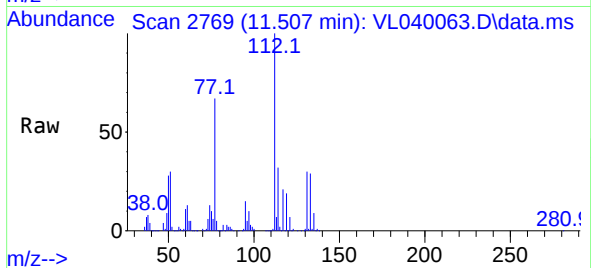
Tgt Ion:131 Resp: 1020994
Ion Ratio Lower Upper
131 100
133 94.0 75.8 113.8
119 65.6 52.3 78.5





#57
Chlorobenzene
Concen: 7.183 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

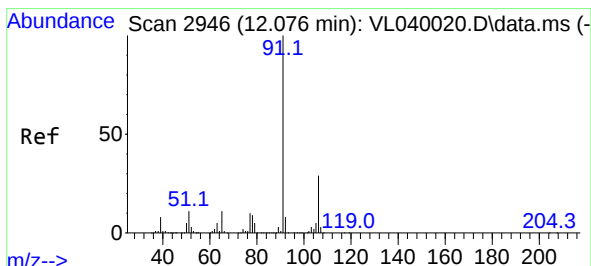
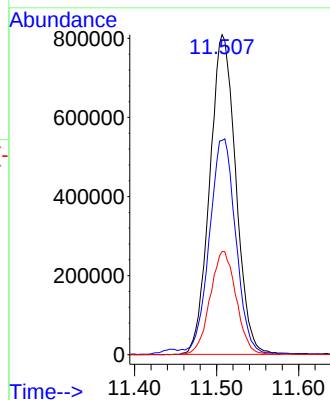
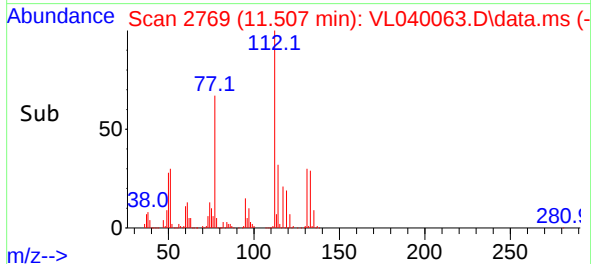
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



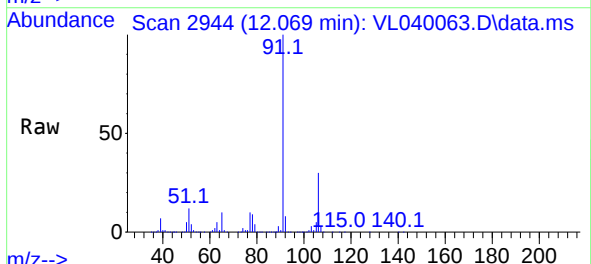
Tgt Ion:112 Resp: 178338
Ion Ratio Lower Upper
112 100
77 66.8 50.6 75.8
114 32.2 27.8 34.0

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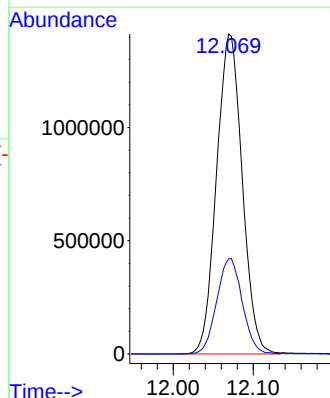
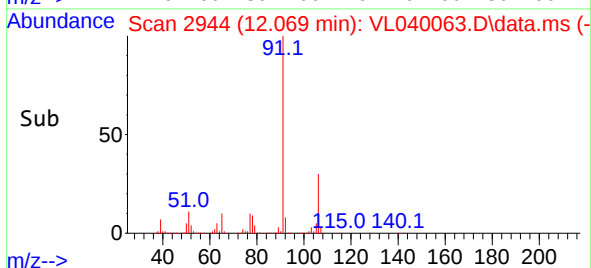
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

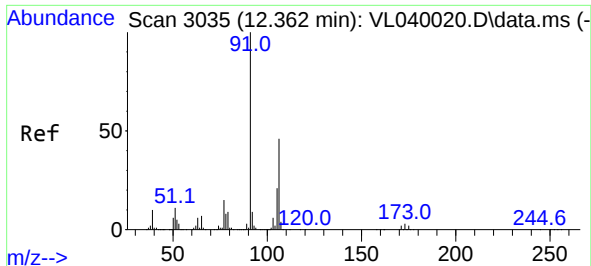


#58
Ethyl Benzene
Concen: 7.569 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion: 91 Resp: 3145133
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3





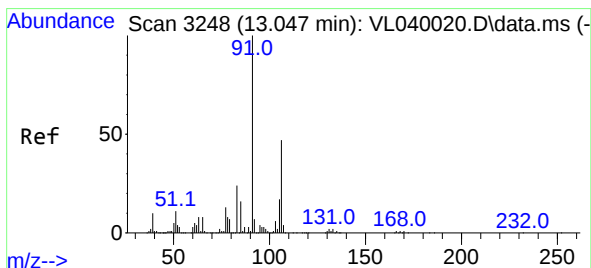
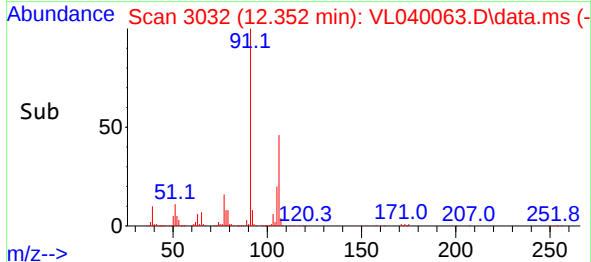
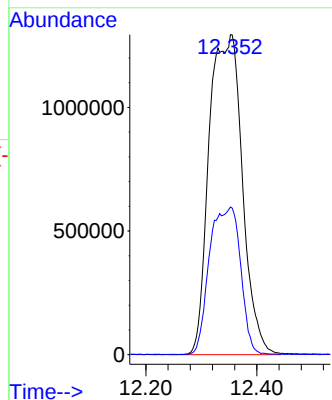
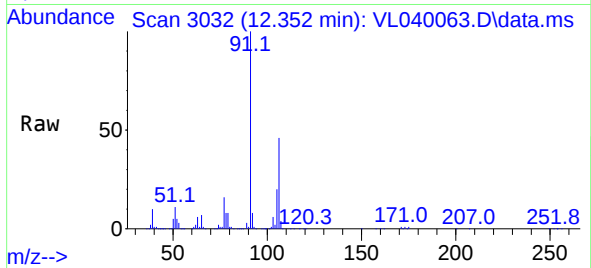
#59
m/p-Xylene
Concen: 14.811 ppbv m
RT: 12.352 min Scan# 3035
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion: 91 Resp: 5361579
Ion Ratio Lower Upper
91 100
106 43.4 35.5 53.3

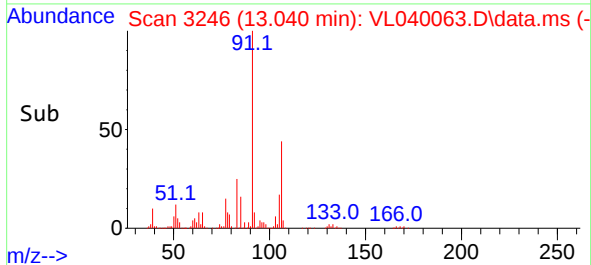
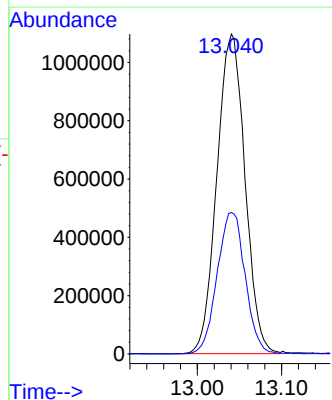
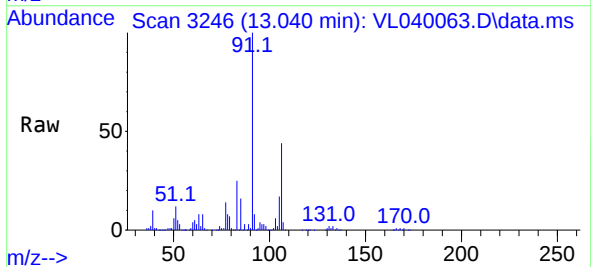
Manual Integrations
APPROVED

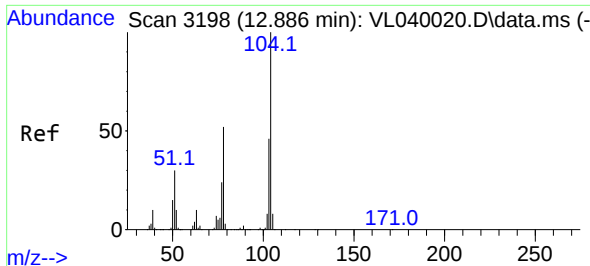
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#60
o-Xylene
Concen: 7.314 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

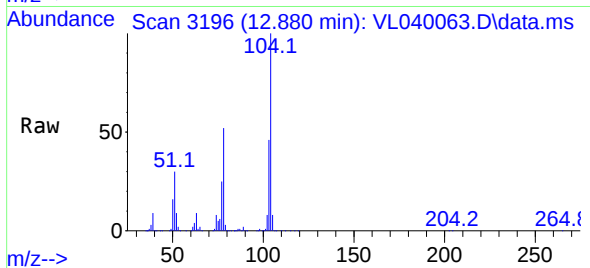
Tgt Ion: 91 Resp: 2536731
Ion Ratio Lower Upper
91 100
106 44.4 22.4 67.0





#61
Styrene
Concen: 7.914 ppbv
RT: 12.880 min Scan# 3198
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

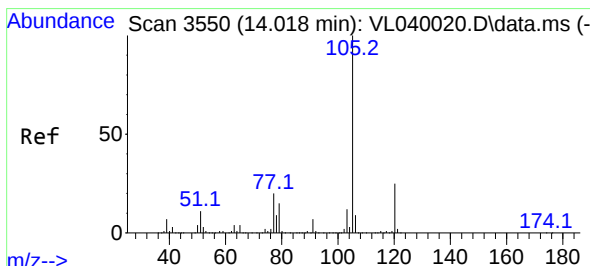
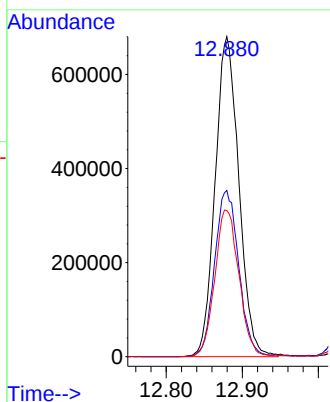
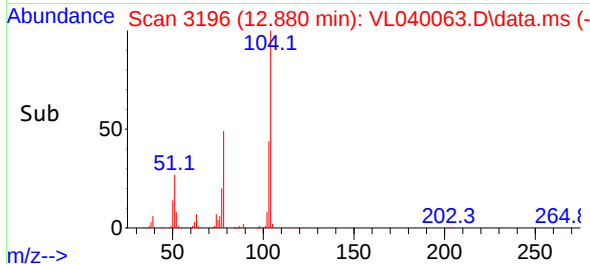
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



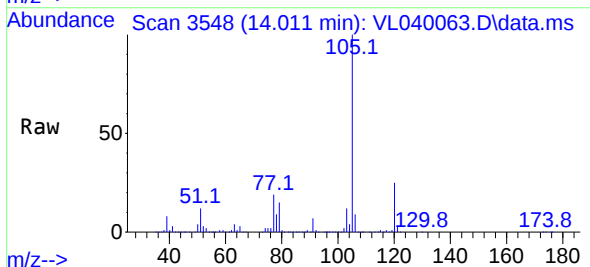
Tgt Ion:104 Resp: 1472135
Ion Ratio Lower Upper
104 100
78 53.5 42.4 63.6
103 46.9 37.2 55.8

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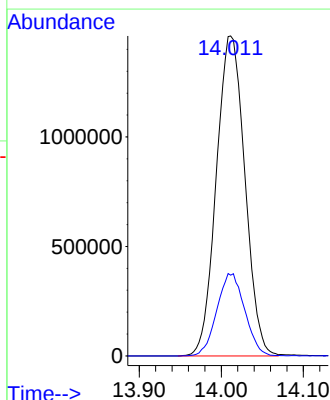
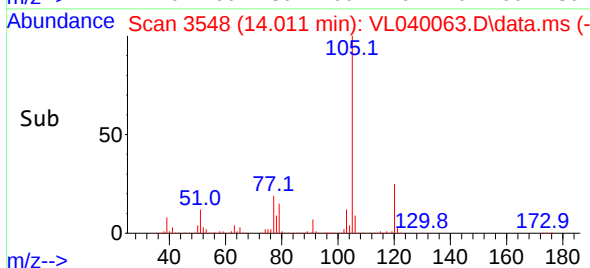
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

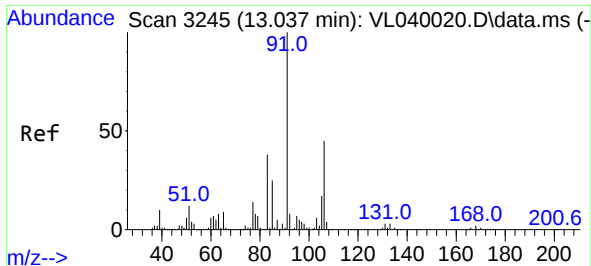


#62
Isopropylbenzene
Concen: 7.079 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



Tgt Ion:105 Resp: 3539791
Ion Ratio Lower Upper
105 100
120 25.2 20.6 31.0





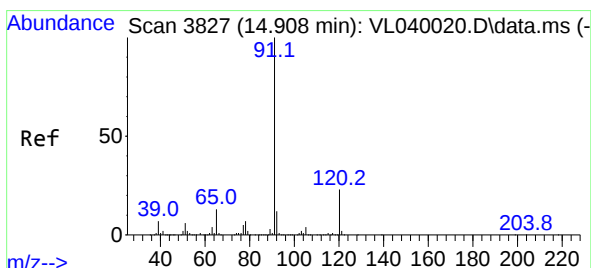
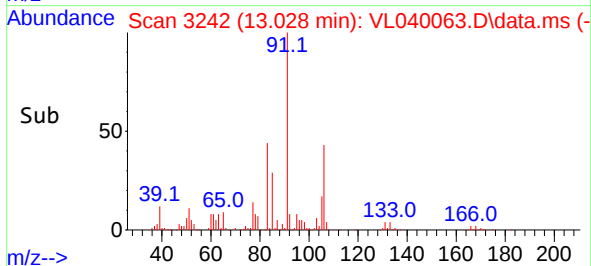
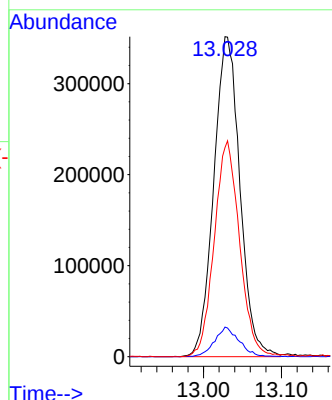
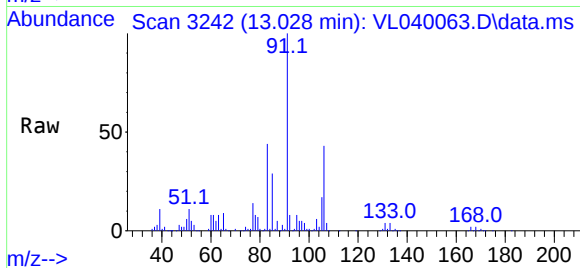
#63
1,1,2,2-Tetrachloroethane
Concen: 6.455 ppbv
RT: 13.028 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion: 83 Resp: 82083
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 65.6 33.3 99.9

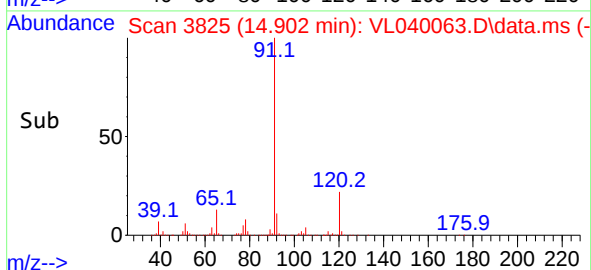
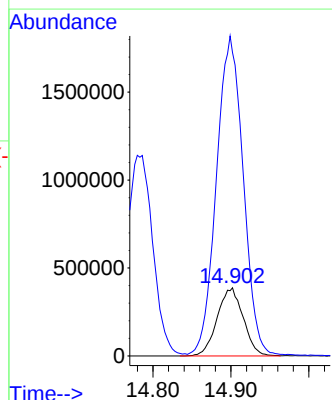
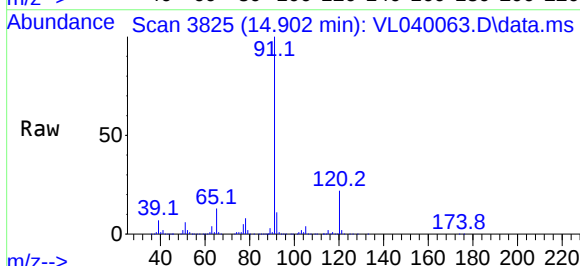
Manual Integrations
APPROVED

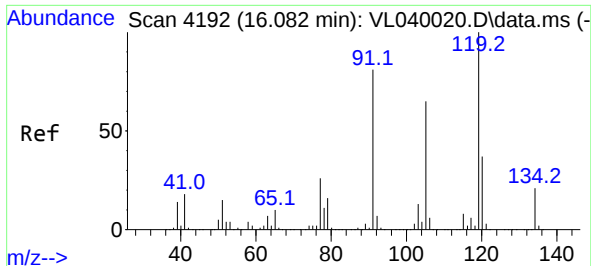
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#64
n-propylbenzene
Concen: 7.102 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion:120 Resp: 896975
Ion Ratio Lower Upper
120 100
91 486.2 384.3 576.5





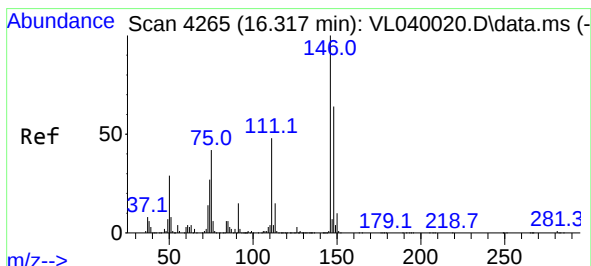
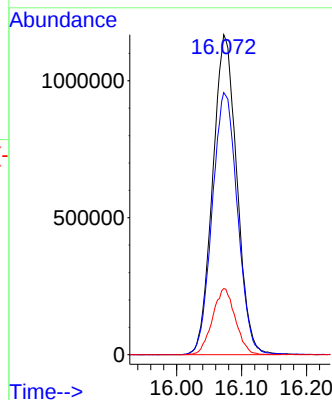
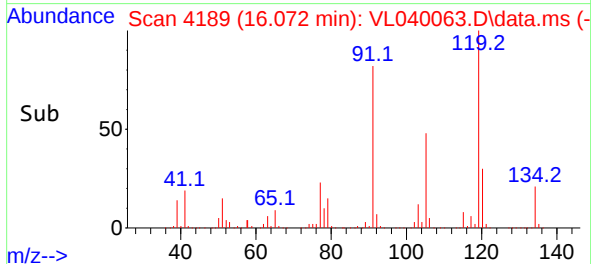
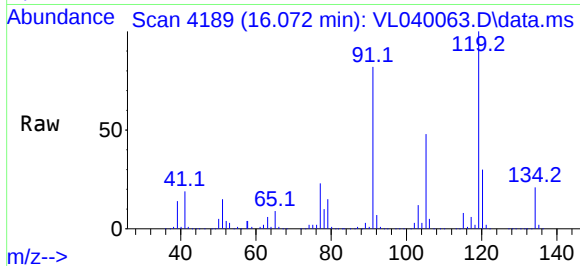
#65
tert-Butylbenzene
Concen: 6.940 ppbv
RT: 16.072 min Scan# 4192
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion: 119 Resp: 301561
Ion Ratio Lower Upper
119 100
91 85.5 66.9 100.3
134 19.6 15.8 23.6

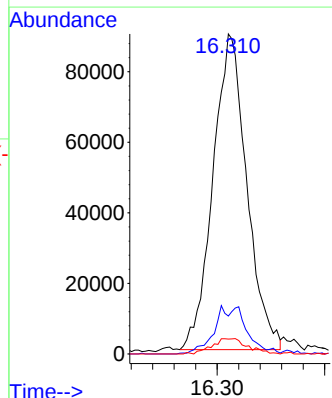
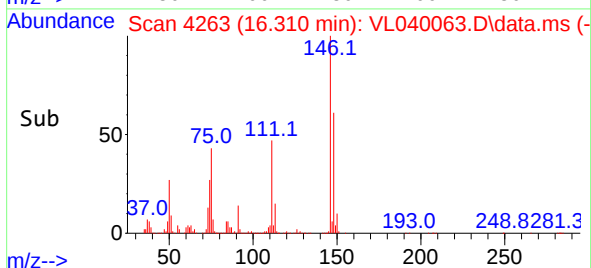
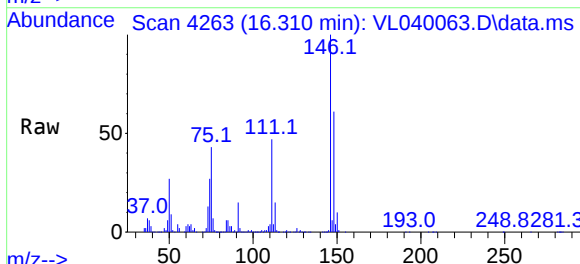
Manual Integrations
APPROVED

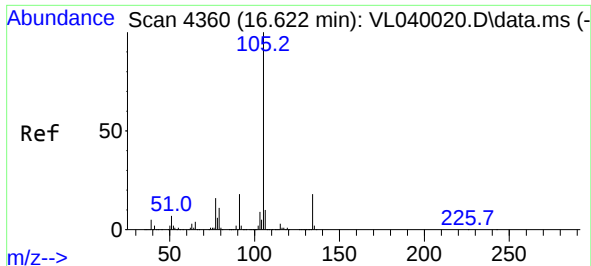
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#66
Benzyl Chloride
Concen: 7.701 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 91 Resp: 195137
Ion Ratio Lower Upper
91 100
126 15.1 12.2 18.2
128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 6.955 ppbv

RT: 16.619 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VL1222ABS01

Tgt Ion:105 Resp: 423519

Ion Ratio Lower Upper

105 100

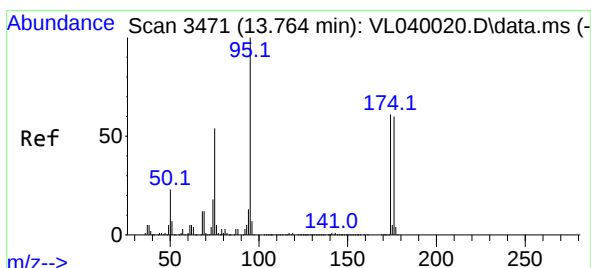
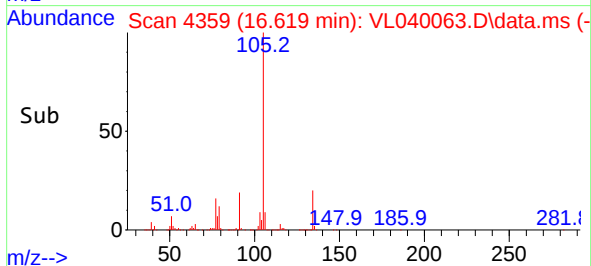
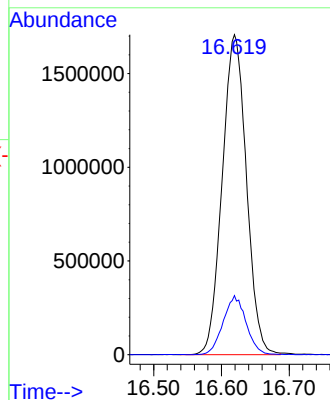
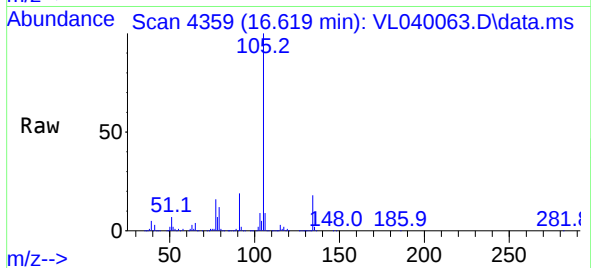
134 17.4 14.2 21.4

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: 13.757 min Scan# 3469

Delta R.T. -0.006 min

Lab File: VL040063.D

Acq: 22 Dec 2022 11:48

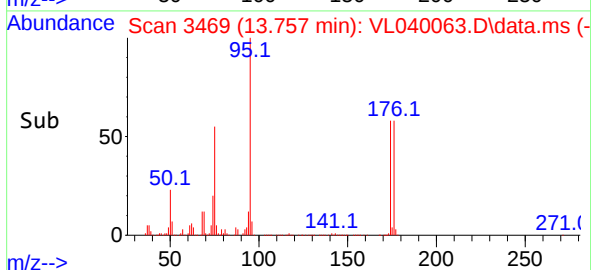
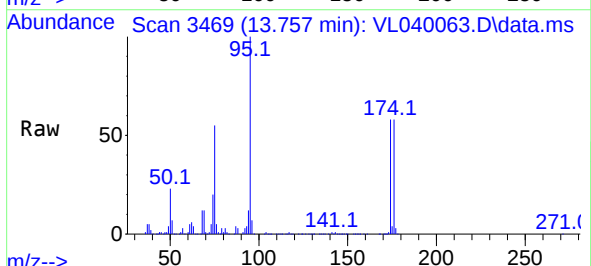
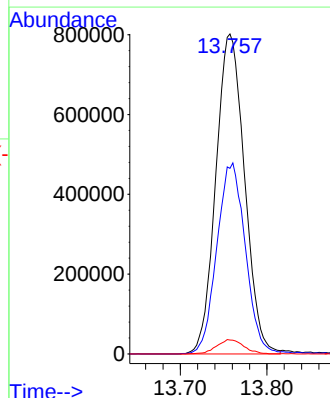
Tgt Ion: 95 Resp: 1844816

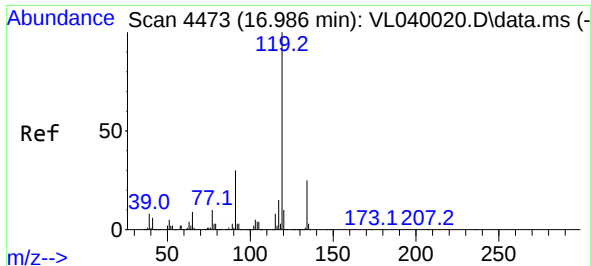
Ion Ratio Lower Upper

95 100

174 59.8 48.6 73.0

175 4.3 3.4 5.2





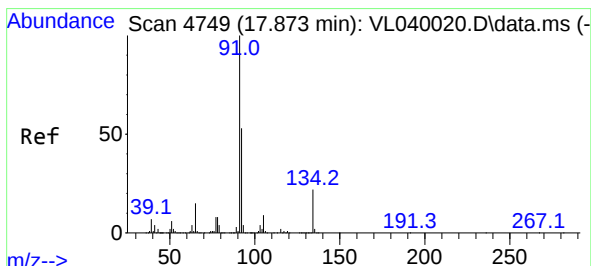
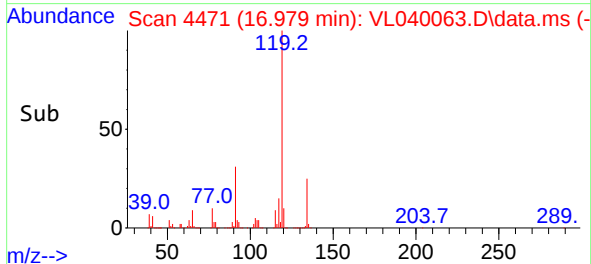
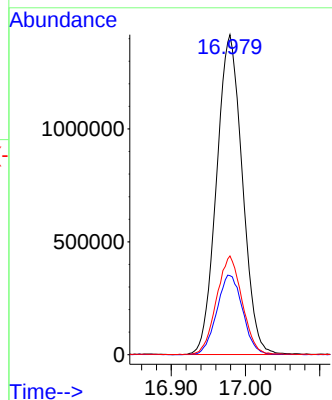
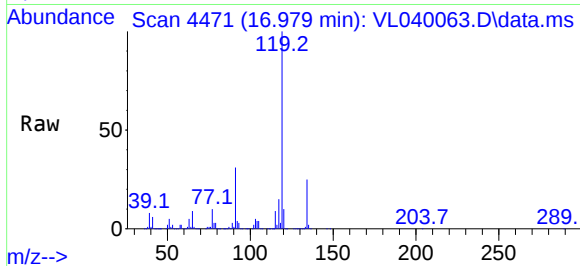
#69
p-Isopropyltoluene
Concen: 7.028 ppbv
RT: 16.979 min Scan# 4471
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion:119 Resp: 341866
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 30.6 24.2 36.4

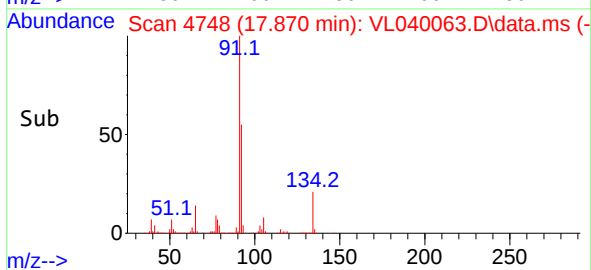
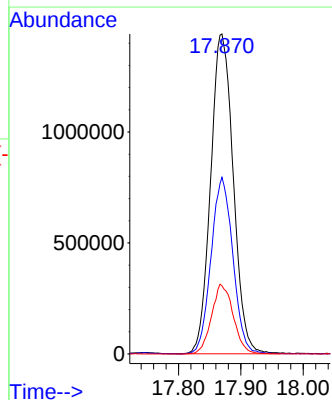
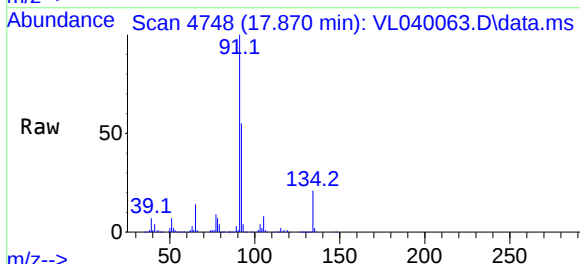
Manual Integrations
APPROVED

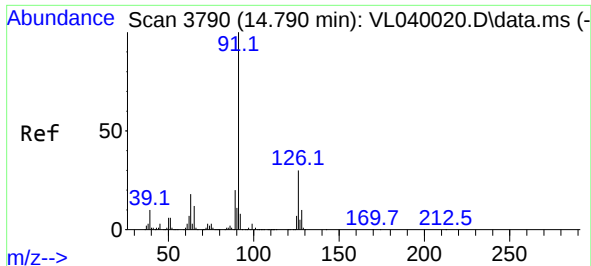
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#70
n-Butylbenzene
Concen: 7.124 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Tgt Ion: 91 Resp: 3630436
Ion Ratio Lower Upper
91 100
92 53.5 43.2 64.8
134 21.0 17.4 26.2





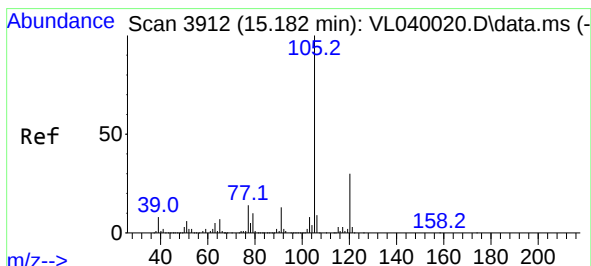
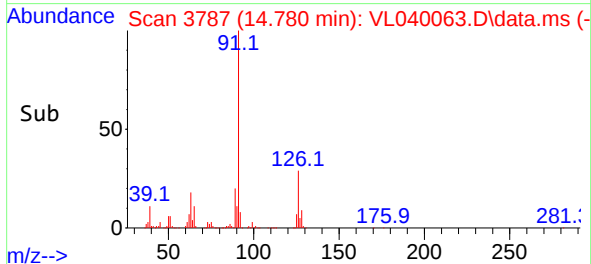
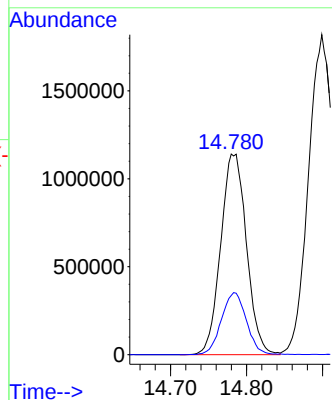
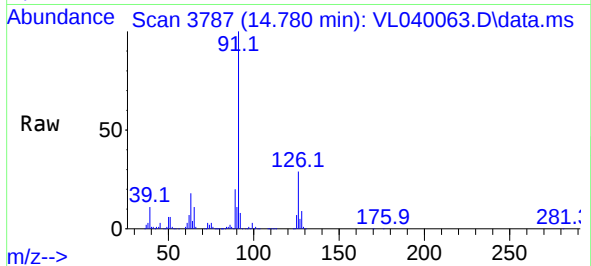
#71
2-Chlorotoluene
Concen: 7.057 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01

Tgt Ion: 91 Resp: 2692139
Ion Ratio Lower Upper
91 100
126 30.1 12.1 48.5

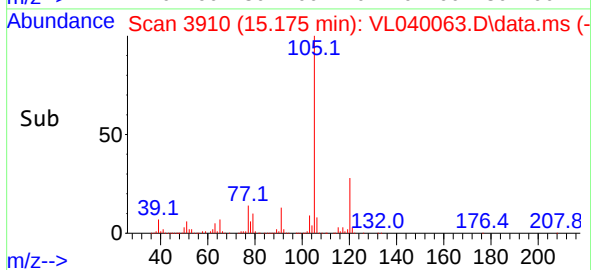
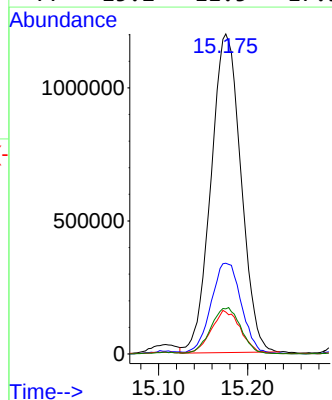
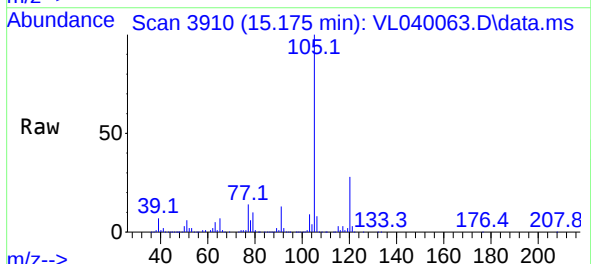
Manual Integrations
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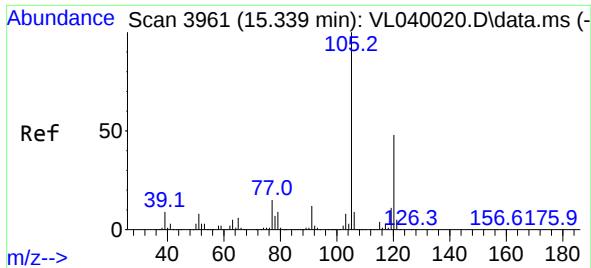
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022



#72
4-Ethyltoluene
Concen: 7.276 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

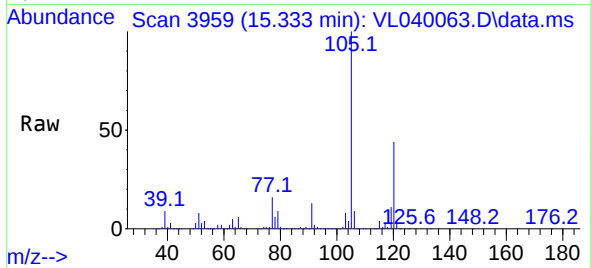
Tgt Ion:105 Resp: 2801865
Ion Ratio Lower Upper
105 100
120 29.0 23.5 35.3
91 13.3 10.5 15.7
77 15.2 11.5 17.3





#73
1,3,5-Trimethylbenzene
Concen: 7.109 ppbv
RT: 15.333 min Scan# 3961
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

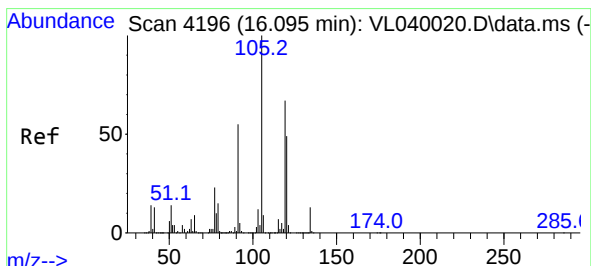
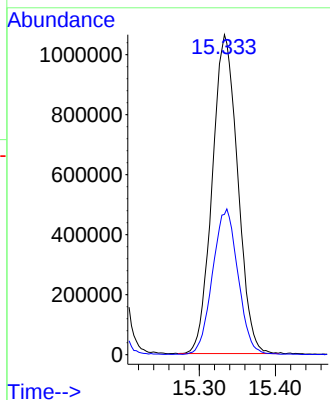
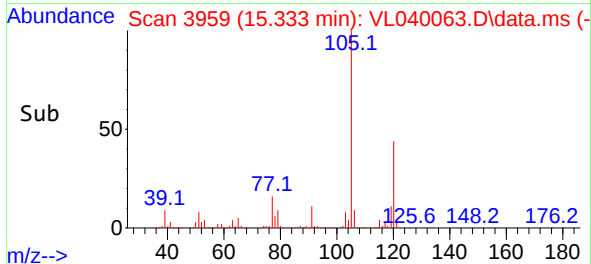
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



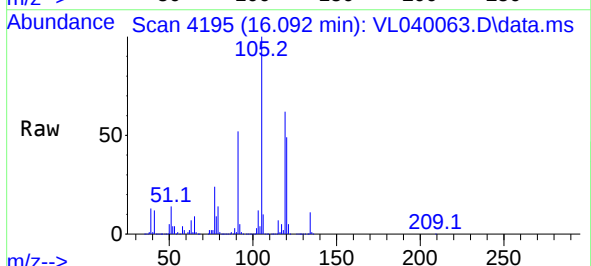
Tgt Ion:105 Resp: 246886
Ion Ratio Lower Upper
105 100
120 43.8 38.4 57.6

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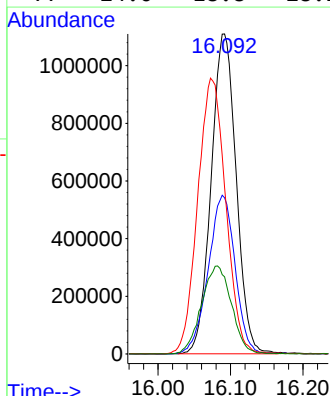
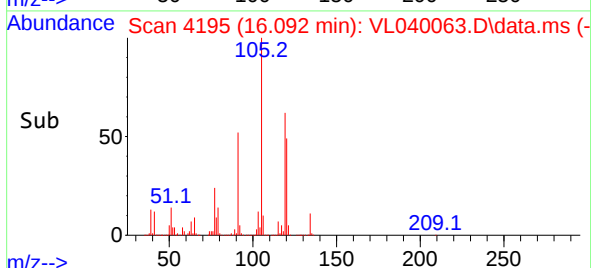
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

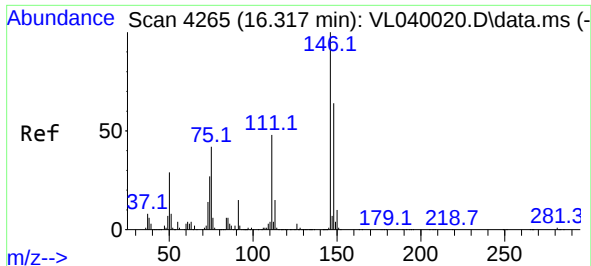


#74
1,2,4-Trimethylbenzene
Concen: 6.957 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



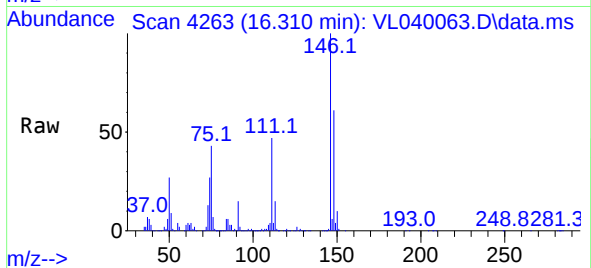
Tgt Ion:105 Resp: 2663234
Ion Ratio Lower Upper
105 100
120 48.6 39.3 58.9
91 51.7 44.2 66.4
77 24.0 18.8 28.2





#75
1,3-Dichlorobenzene
Concen: 6.986 ppbv
RT: 16.310 min Scan# 4308
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

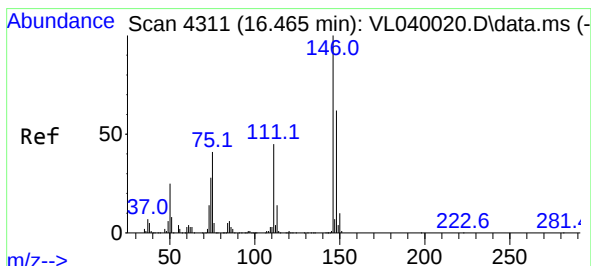
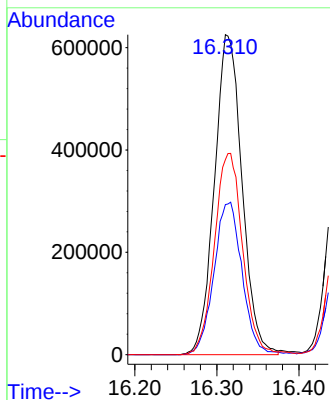
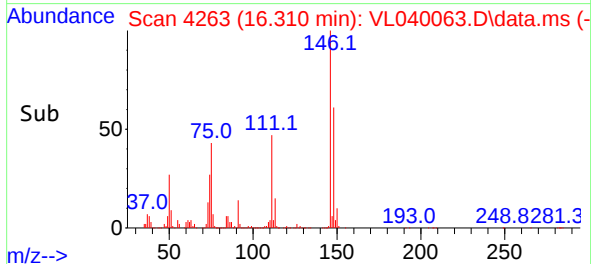
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



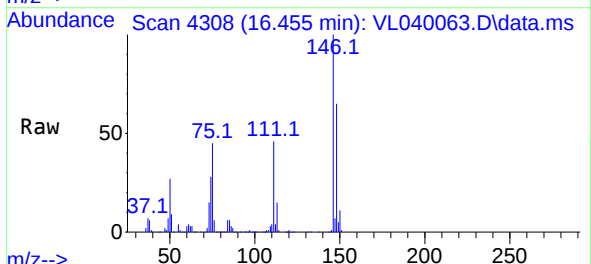
Tgt Ion:146 Resp: 1463380
Ion Ratio Lower Upper
146 100
111 48.5 23.9 71.8
148 64.6 32.0 96.2

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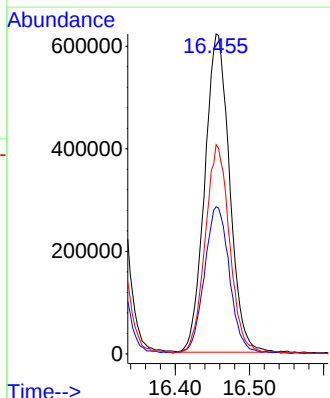
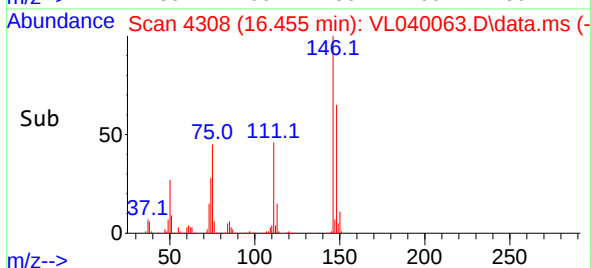
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

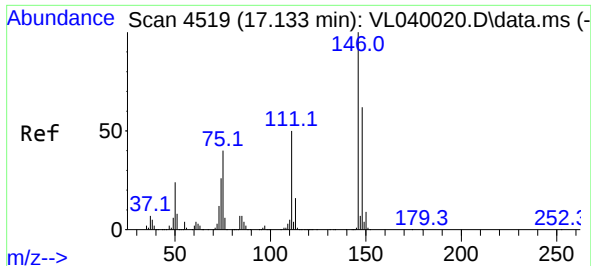


#76
1,4-Dichlorobenzene
Concen: 7.031 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



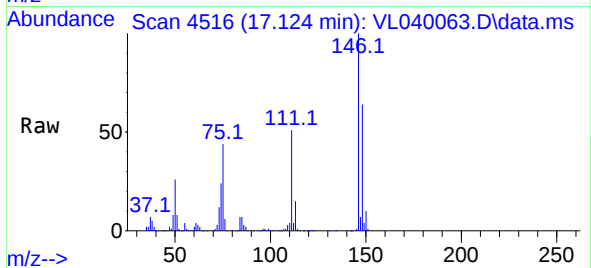
Tgt Ion:146 Resp: 1437879
Ion Ratio Lower Upper
146 100
111 47.7 23.4 70.2
148 65.3 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 7.029 ppbv
RT: 17.124 min Scan# 4516
Delta R.T. -0.010 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

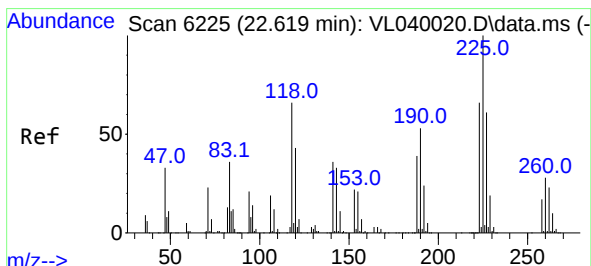
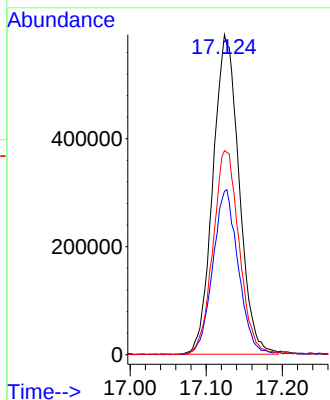
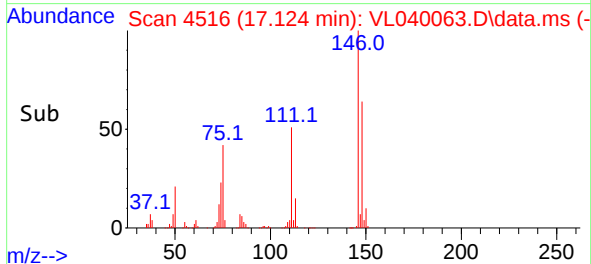
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



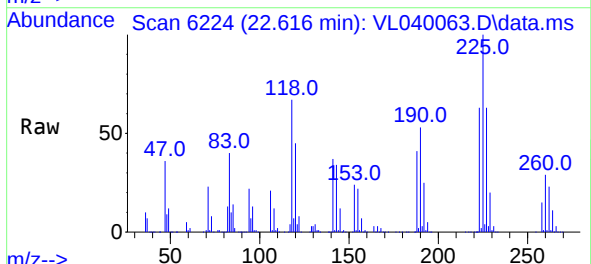
Tgt Ion:146 Resp: 141208
Ion Ratio Lower Upper
146 100
111 50.9 25.3 75.9
148 64.7 31.9 95.9

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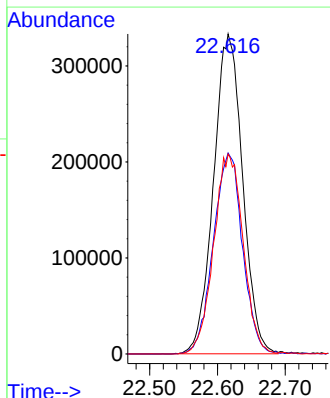
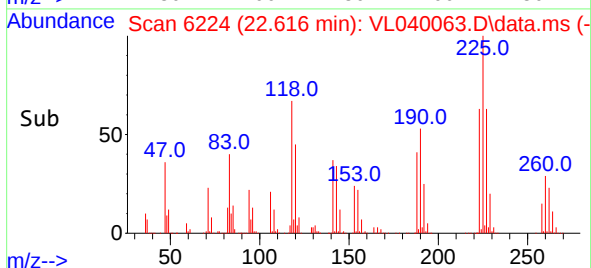
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

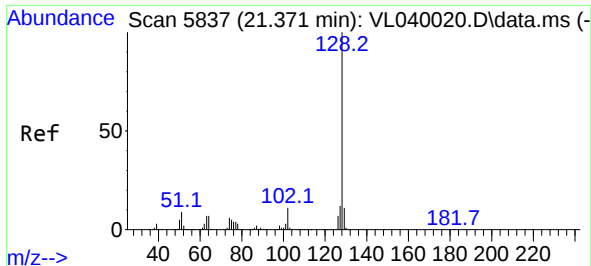


#78
Hexachloro-1,3-Butadiene
Concen: 7.109 ppbv
RT: 22.616 min Scan# 6224
Delta R.T. -0.003 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



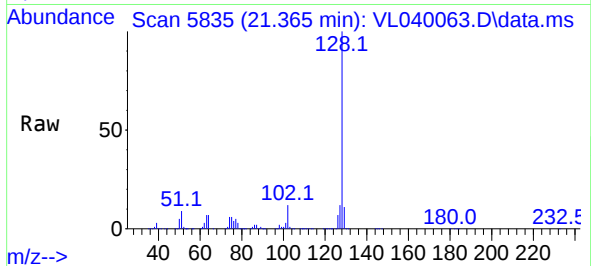
Tgt Ion:225 Resp: 990713
Ion Ratio Lower Upper
225 100
223 63.3 0.0 0.0#
227 63.7 0.0 0.0#





#79
Naphthalene
Concen: 9.464 ppbv
RT: 21.365 min Scan# 5837
Delta R.T. -0.006 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48

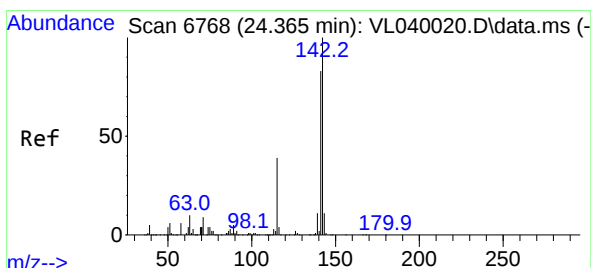
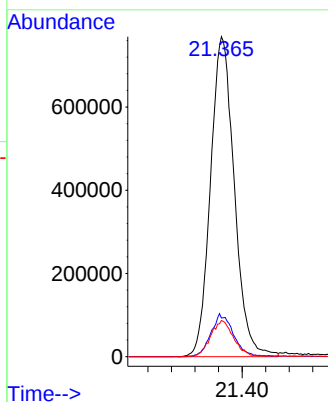
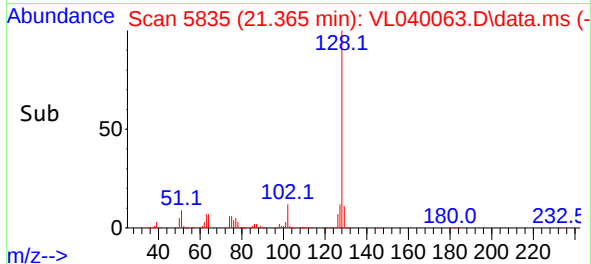
Instrument :
MSVOA_L
ClientSampleId :
VL1222ABS01



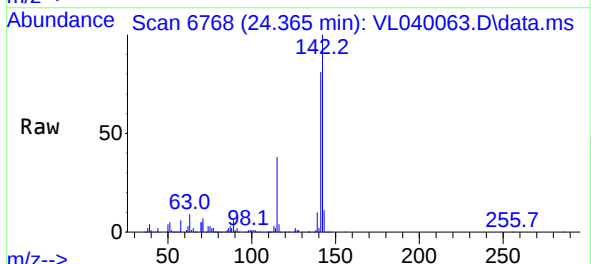
Tgt Ion:128 Resp: 215885
Ion Ratio Lower Upper
128 100
127 12.1 10.0 15.0
129 11.3 8.8 13.2

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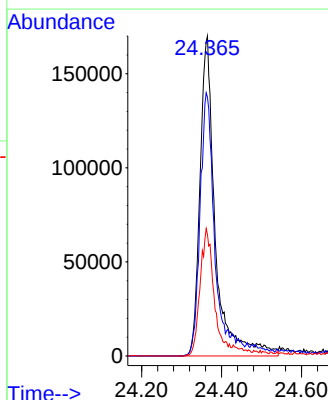
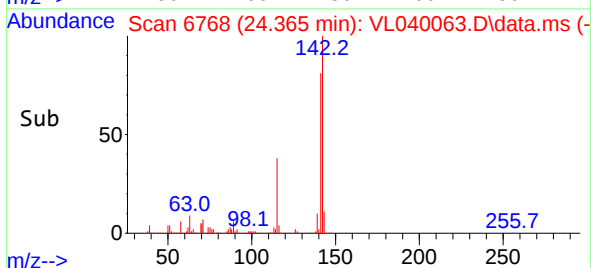
Reviewed By :Semsettin Yesilyurt 12/23/2022
Supervised By :Mahesh Dadoda 12/27/2022

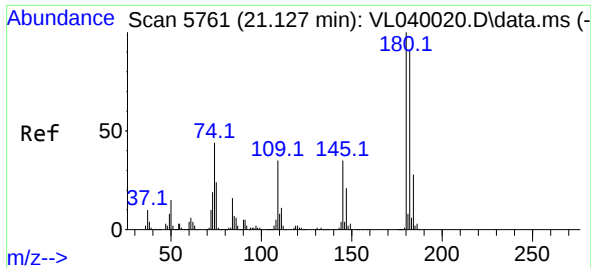


#80
Naphthalene,2-methyl-
Concen: 6.507 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. 0.000 min
Lab File: VL040063.D
Acq: 22 Dec 2022 11:48



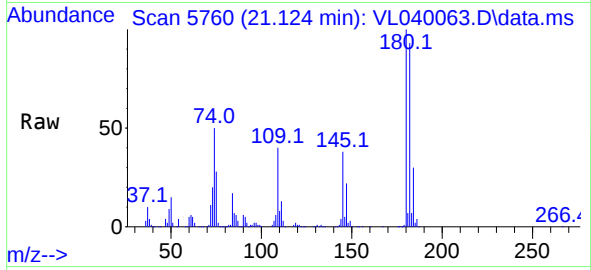
Tgt Ion:142 Resp: 454096
Ion Ratio Lower Upper
142 100
141 82.9 65.3 97.9
115 39.2 31.9 47.9





#81
 1,2,4-Trichlorobenzene
 Concen: 7.935 ppbv
 RT: 21.124 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040063.D
 Acq: 22 Dec 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1222ABS01



Tgt Ion:180 Resp: 107517
 Ion Ratio Lower Upper
 180 100
 182 97.0 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

