

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038713.D
 Acq On : 23 Mar 2022 11:10
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 11:41:06 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	725579	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	1930646	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	1857801m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.388 95 1431134 10.048 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	921306	9.446	ppbv	99
3) Chlorodifluoromethane	2.980	51	748250	9.764	ppbv	98
4) Chloromethane	3.134	50	396036	9.413	ppbv	99
5) Vinyl Chloride	3.247	62	410833	9.610	ppbv	99
6) Bromomethane	3.462	94	248156	10.888	ppbv	98
7) Chloroethane	3.549	64	141780	10.018	ppbv	99
8) Dichlorotetrafluoroethane	3.179	85	990715	10.173	ppbv	100
9) Propene	3.002	41	326954	8.837	ppbv	99
10) Heptane	8.099	43	873457	9.876	ppbv	98
11) Trichlorofluoromethane	3.938	101	937171	10.886	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.472	101	717574	10.828	ppbv	100
13) Ethanol	3.600	45	21971m	5.384	ppbv	
14) Bromoethene	3.729	108	315316	10.706	ppbv	97
15) Acetone	3.835	43	637409	10.181	ppbv	98
16) 1,3-Butadiene	3.317	39	357660	10.066	ppbv	99
17) tert-Butyl alcohol	4.269	59	669276	12.240	ppbv	99
18) 1,1-Dichloroethene	4.276	96	328483	11.034	ppbv	95
19) Isopropyl Alcohol	3.948	45	340249	9.802	ppbv	99
20) Methylene Chloride	4.330	84	261883	9.931	ppbv	98
21) Allyl Chloride	4.398	41	480280	10.659	ppbv	98
22) trans-1,2-Dichloroethene	4.870	96	347217	11.244	ppbv	99
23) Vinyl Acetate	5.057	43	475537	7.844	ppbv	99
24) 1,1-Dichloroethane	4.996	63	636259	10.656	ppbv	99
25) Ethyl Acetate	5.655	43	1733339	10.998	ppbv	99
26) Hexane	5.668	57	677514	9.602	ppbv	89
27) Carbon Disulfide	4.536	76	801569	11.580	ppbv	99
28) Methyl tert-Butyl Ether	5.018	73	586432	11.157	ppbv	99
29) Chloroform	5.732	83	1132850	10.027	ppbv	99
30) Cyclohexane	7.111	84	598883	9.762	ppbv	97
31) cis-1,2-Dichloroethene	5.529	61	679154	10.237	ppbv	94
32) 1,1,1-Trichloroethane	6.491	97	1107893	10.162	ppbv	100
34) 2-Butanone	5.224	43	737752	9.655	ppbv	99
35) Carbon Tetrachloride	6.996	117	1159248	10.348	ppbv	99
36) Benzene	6.870	78	1453579	9.755	ppbv	100
37) 1,2-Dichloroethane	6.285	62	782946	10.330	ppbv	98
38) Trichloroethene	7.812	130	606405	9.715	ppbv	99
39) 1,2-Dichloropropane	7.594	63	551547	9.468	ppbv	97
40) 1,4-Dioxane	7.809	88	175238	8.663	ppbv	68
41) Tetrahydrofuran	6.025	42	549916	9.669	ppbv	99
42) Bromodichloromethane	7.767	83	1198667	10.548	ppbv	99
43) Methyl Methacrylate	7.989	69	615453	11.125	ppbv	99
44) 2,2,4-Trimethylpentane	7.848	57	2390866	9.557	ppbv	99
45) t-1,3-Dichloropropene	9.253	75	666812	11.855	ppbv	99

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 Supervised By : Mahesh Dadoda 03/25/2022

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	832415	10.945	ppbv	100
47) 1,1,2-Trichloroethane	9.452	97	610194	9.812	ppbv	99
48) Dibromochloromethane	10.282	129	1065690	10.940	ppbv	99
49) Bromoform	13.015	173	886352	11.163	ppbv	99
50) 4-Methyl-2-Pentanone	8.716	43	1427079	10.045	ppbv	99
51) 2-Hexanone	10.108	43	1109180	10.870	ppbv #	99
52) Tetrachloroethene	11.198	164	524744	9.623	ppbv	97
53) Toluene	9.783	91	1670698	10.435	ppbv	99
54) 1,2-Dibromoethane	10.584	107	913230	10.754	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.098	131	781940	10.152	ppbv	100
57) Chlorobenzene	12.124	112	1260757	9.409	ppbv	99
58) Ethyl Benzene	12.684	91	2192101	10.093	ppbv	99
59) m/p-Xylene	12.970	91	3741824m	19.696	ppbv	
60) o-Xylene	13.667	91	1808699	10.027	ppbv	99
61) Styrene	13.503	104	1079371	11.034	ppbv	99
62) Isopropylbenzene	14.642	105	2796147	10.311	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.648	83	1277347	9.142	ppbv	99
64) n-propylbenzene	15.536	120	750193	10.542	ppbv	97
65) tert-Butylbenzene	16.719	119	2479750	10.176	ppbv	98
66) Benzyl Chloride	16.960	91	519813	11.266	ppbv	99
67) sec-Butylbenzene	17.269	105	3583766	10.284	ppbv	99
69) p-Isopropyltoluene	17.625	119	2943415	10.349	ppbv	99
70) n-Butylbenzene	18.526	91	3034062	10.343	ppbv	100
71) 2-Chlorotoluene	15.426	91	2070953	10.289	ppbv	99
72) 4-Ethyltoluene	15.815	105	2213550	10.395	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	1919765	9.894	ppbv	99
74) 1,2,4-Trimethylbenzene	16.738	105	2060002	9.747	ppbv	97
75) 1,3-Dichlorobenzene	16.970	146	1268670	9.424	ppbv	99
76) 1,4-Dichlorobenzene	17.111	146	1247039	9.315	ppbv	98
77) 1,2-Dichlorobenzene	17.789	146	1233371	9.249	ppbv	99
78) Hexachloro-1,3-Butadiene	23.349	225	905118	7.343	ppbv	99
79) Naphthalene	22.162	128	1636171	10.133	ppbv	99
80) Naphthalene,2-methyl-	24.950	142	387780	8.956	ppbv	94
81) 1,2,4-Trichlorobenzene	21.895	180	930183	8.415	ppbv	99

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

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ClientSampleId :
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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

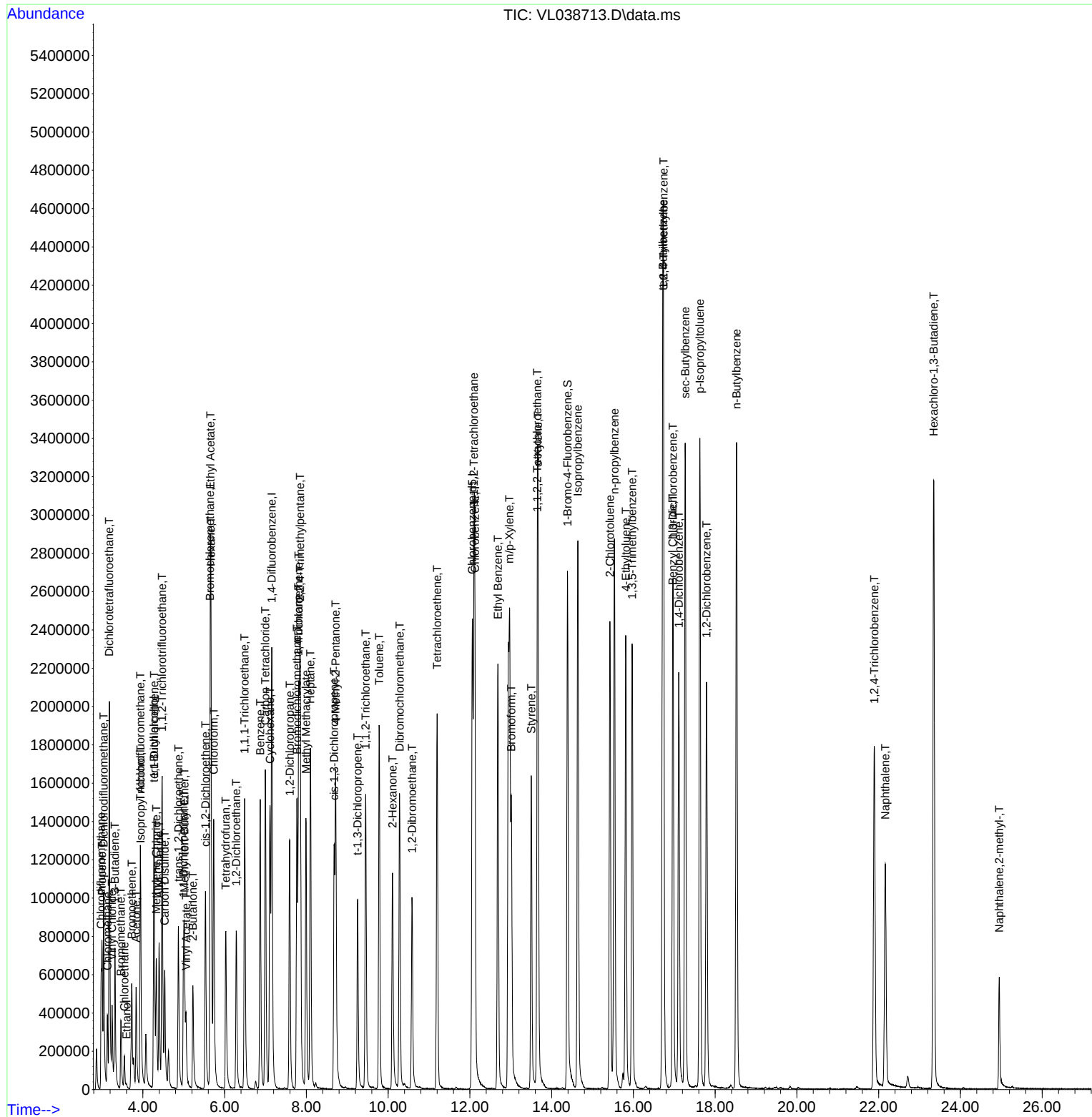
Quant Time: Mar 23 11:41:06 2022

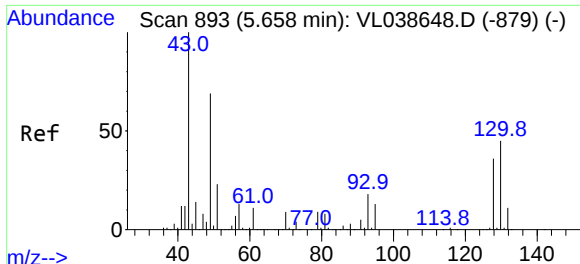
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar

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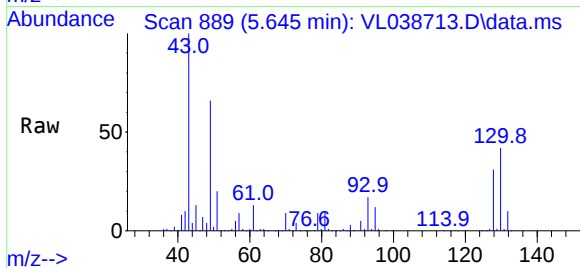
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

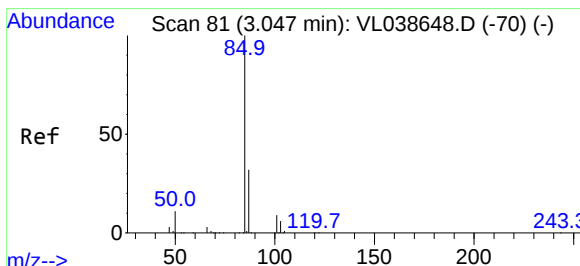
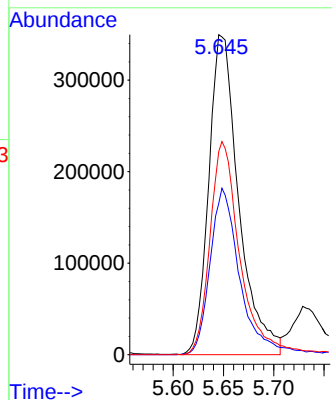
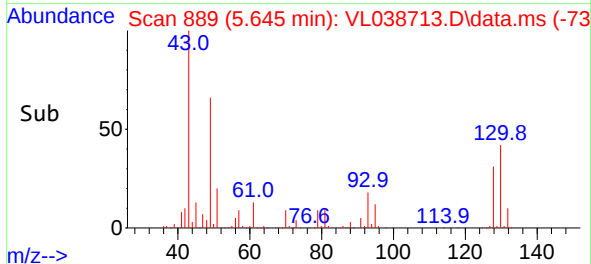
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



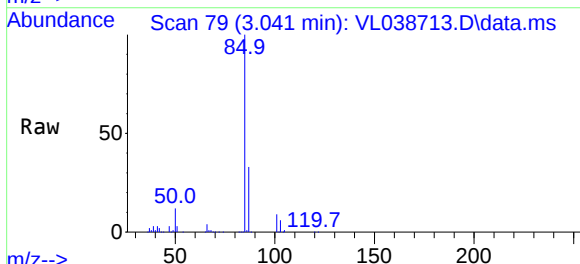
Tgt Ion: 49 Resp: 725579
Ion Ratio Lower Upper
49 100
128 52.6 26.2 78.6
130 67.8 33.7 101.1

Manual Integrations
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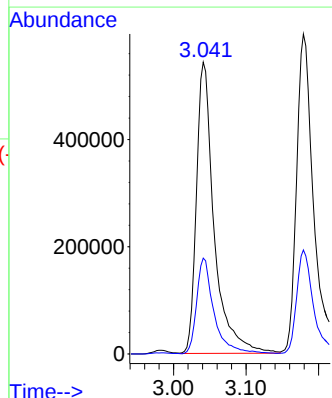
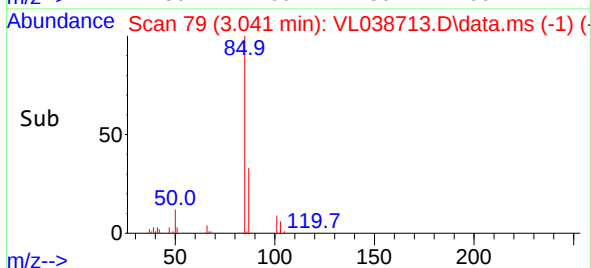
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

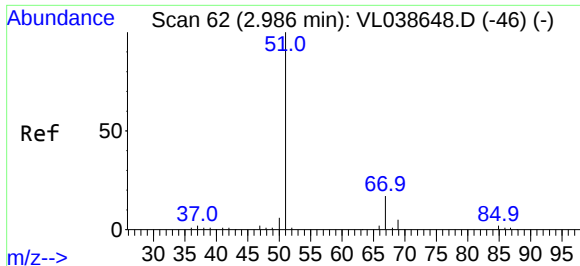


#2
Dichlorodifluoromethane
Concen: 9.446 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 85 Resp: 921306
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





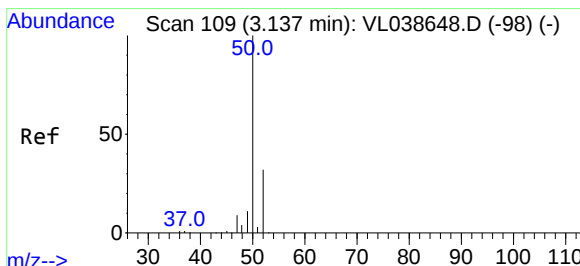
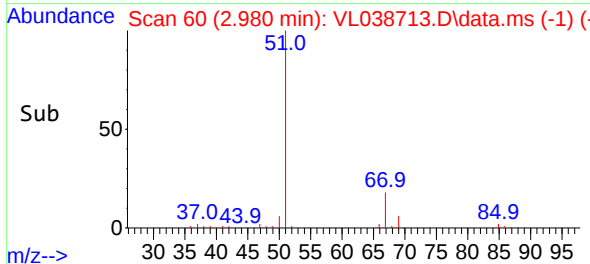
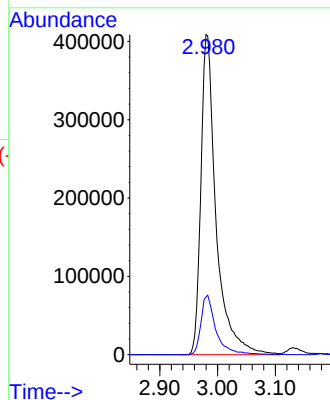
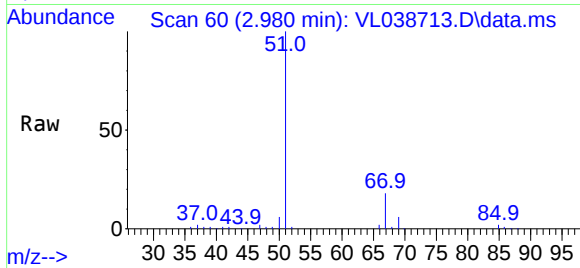
#3
Chlorodifluoromethane
Concen: 9.764 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 748250
Ion Ratio Lower Upper
51 100
67 18.4 14.1 21.1

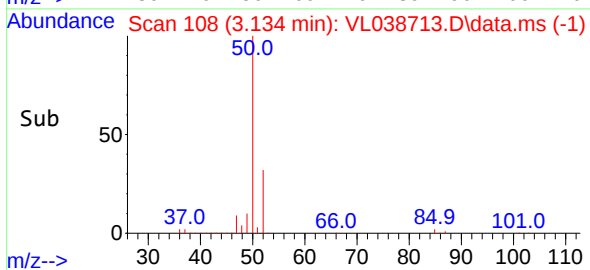
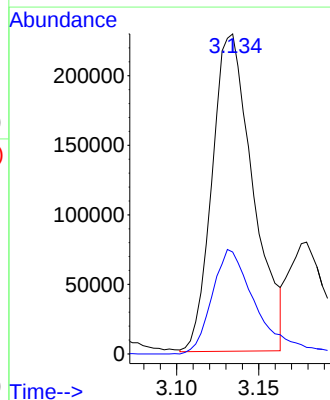
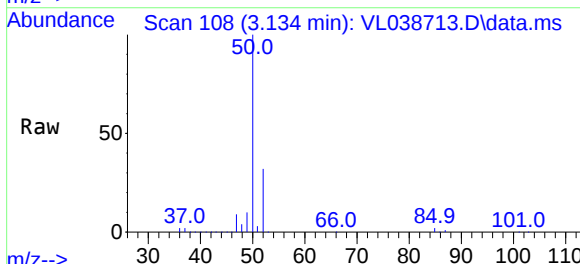
Manual Integrations
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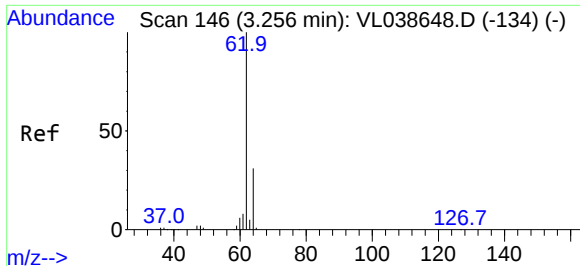
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#4
Chloromethane
Concen: 9.413 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.003 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

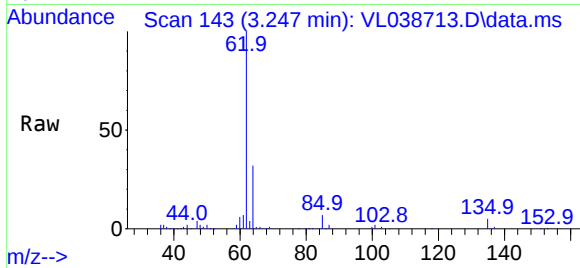
Tgt Ion: 50 Resp: 396036
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.610 ppbv
 RT: 3.247 min Scan# 146
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

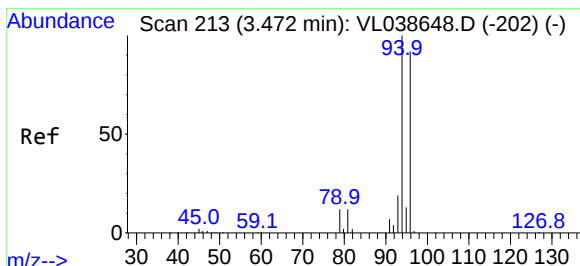
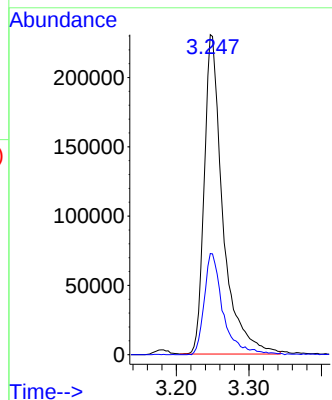
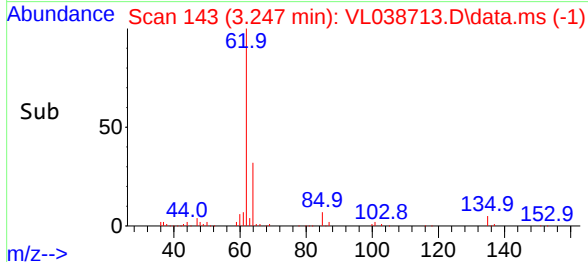
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 41083
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.0 37.4

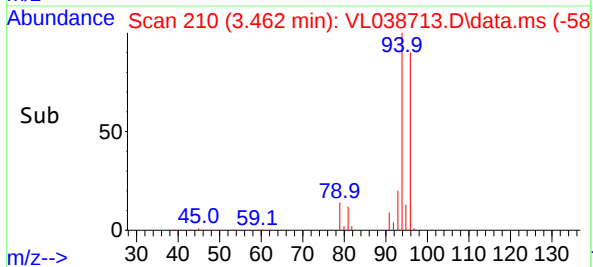
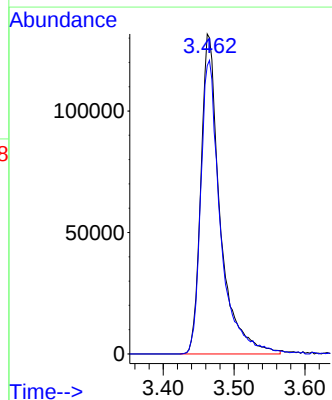
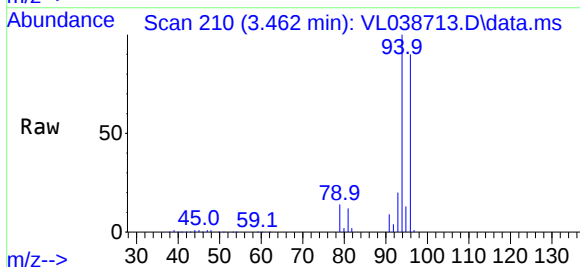
Manual Integrations
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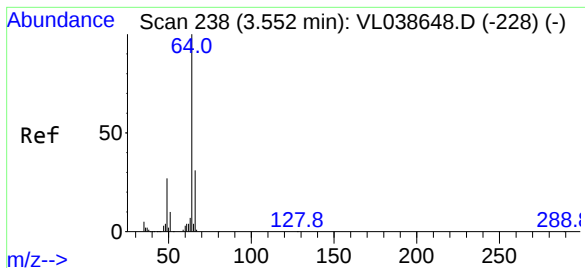
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#6
 Bromomethane
 Concen: 10.888 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

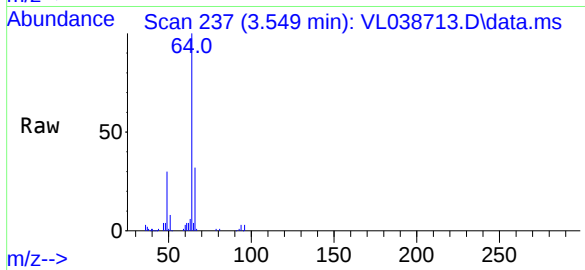
Tgt Ion: 94 Resp: 248156
 Ion Ratio Lower Upper
 94 100
 96 90.1 73.3 109.9





#7
Chloroethane
Concen: 10.018 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

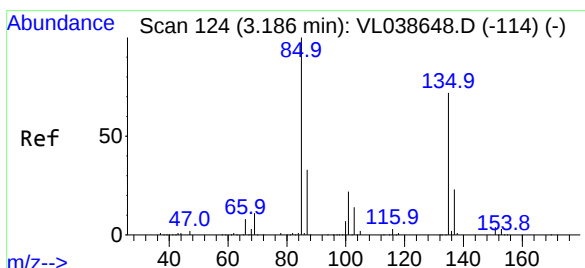
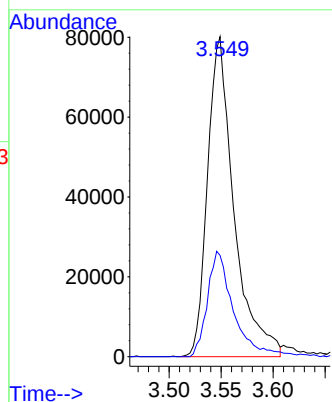
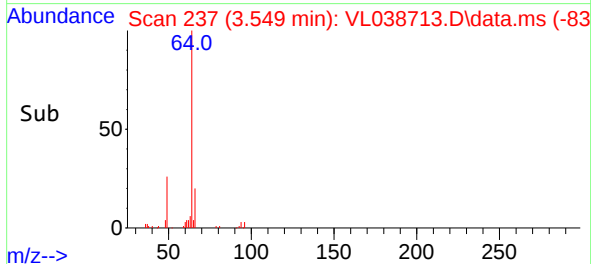
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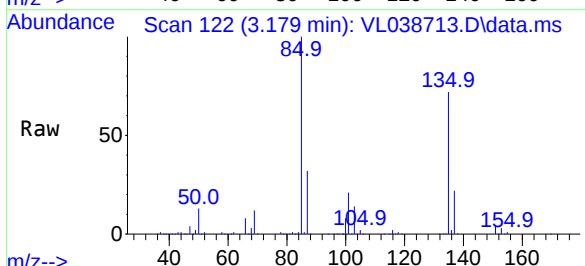
Tgt Ion: 64 Resp: 141780
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.6

Manual Integrations
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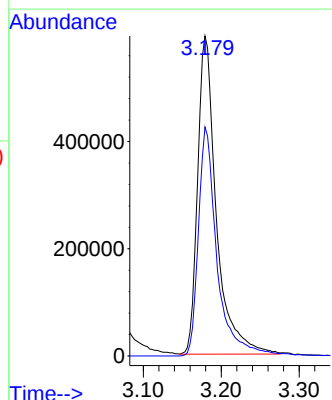
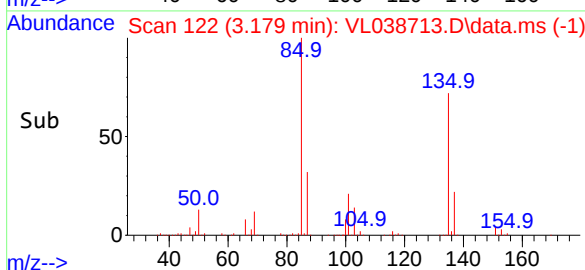
Reviewed By :Semsettin Yesilyurt 03/23/2022
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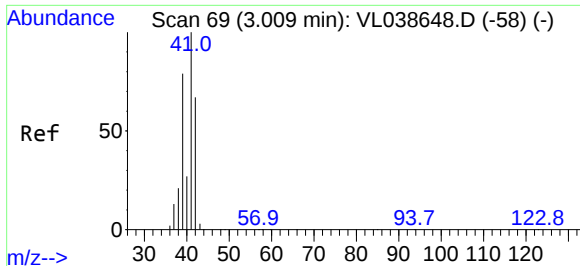


#8
Dichlorotetrafluoroethane
Concen: 10.173 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 85 Resp: 990715
Ion Ratio Lower Upper
85 100
135 72.0 57.8 86.6





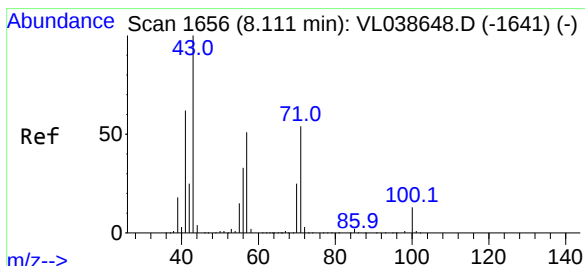
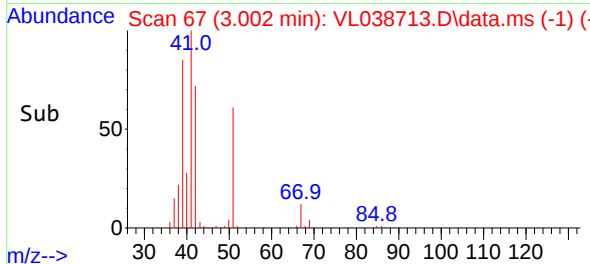
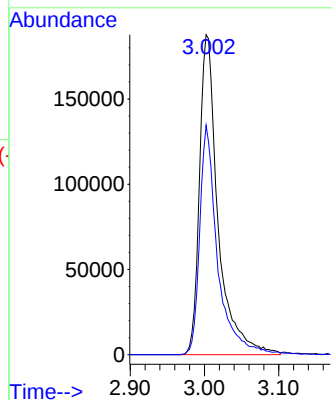
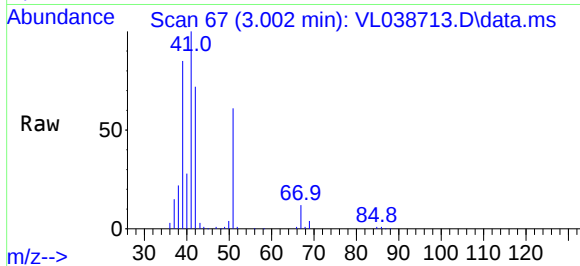
#9
Propene
Concen: 8.837 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
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ClientSampleId :
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Tgt Ion: 41 Resp: 326954
Ion Ratio Lower Upper
41 100
42 69.4 56.2 84.4

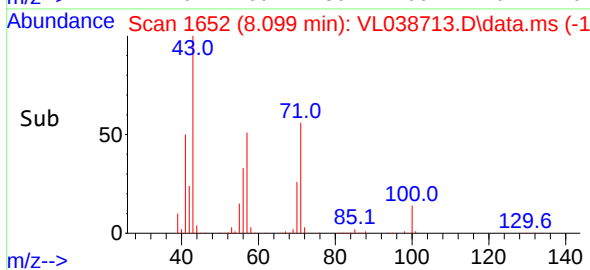
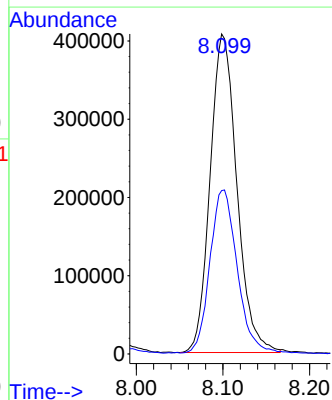
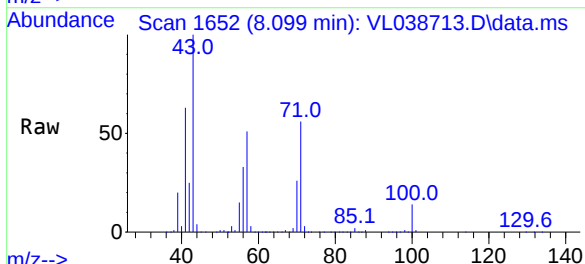
Manual Integrations
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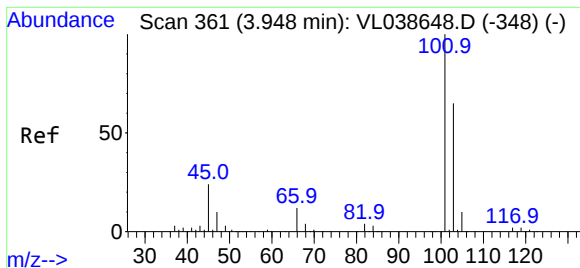
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
Heptane
Concen: 9.876 ppbv
RT: 8.099 min Scan# 1652
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

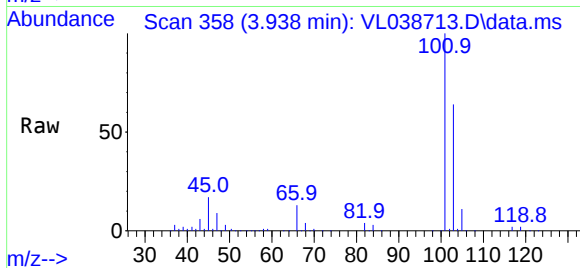
Tgt Ion: 43 Resp: 873457
Ion Ratio Lower Upper
43 100
57 53.1 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.886 ppbv
 RT: 3.938 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

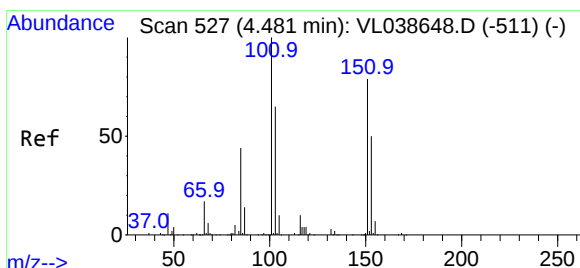
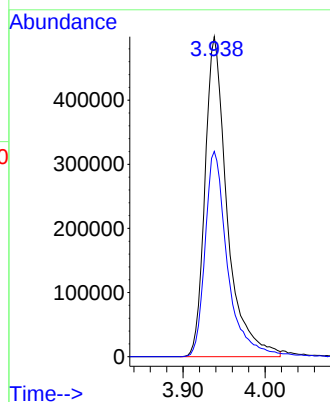
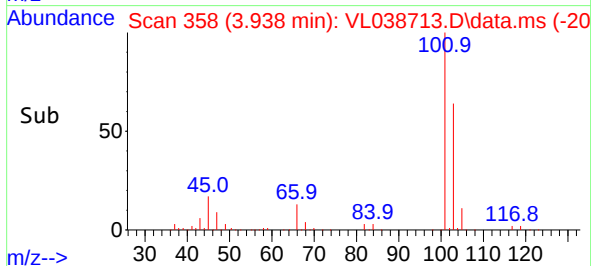
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 93717
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9

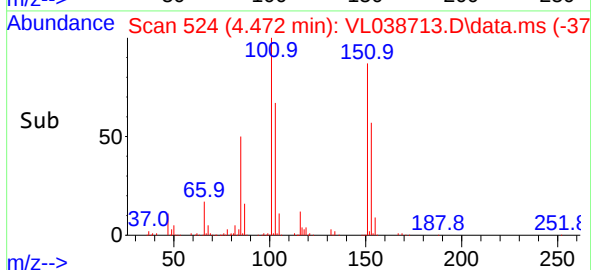
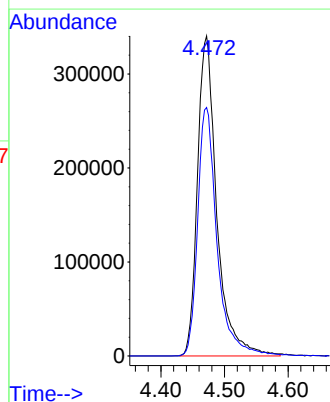
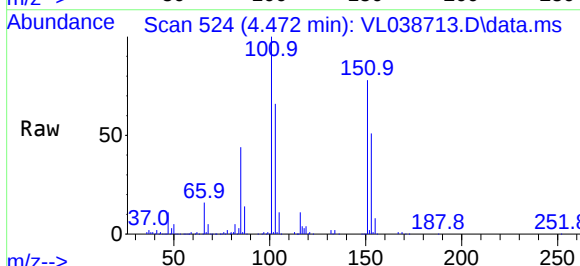
Manual Integrations
 APPROVED

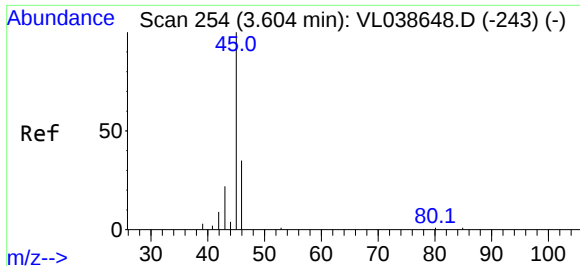
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.828 ppbv
 RT: 4.472 min Scan# 524
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Tgt Ion:101 Resp: 717574
 Ion Ratio Lower Upper
 101 100
 151 78.5 62.9 94.3





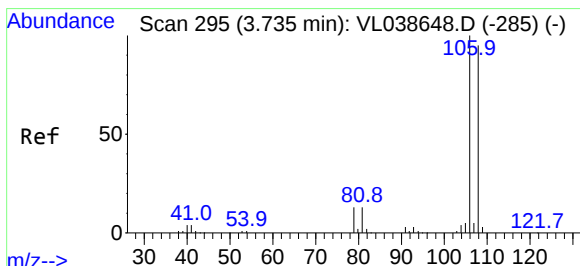
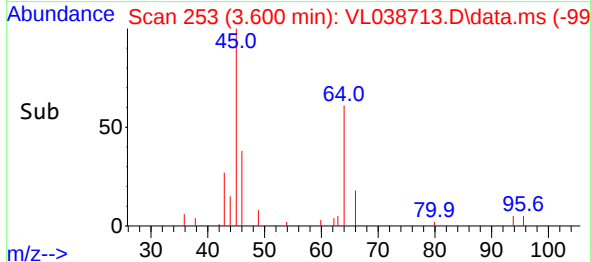
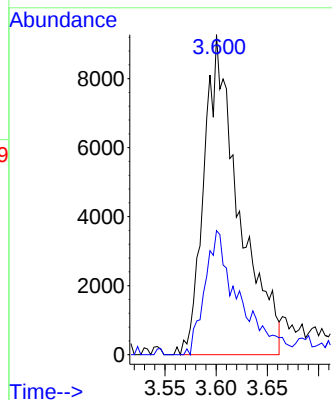
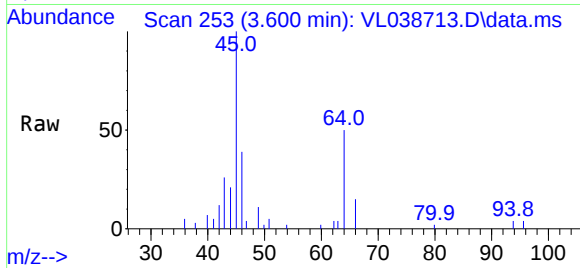
#13
Ethanol
Concen: 5.384 ppbv m
RT: 3.600 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 2197
Ion Ratio Lower Upper
45 100
46 38.4 15.1 60.5

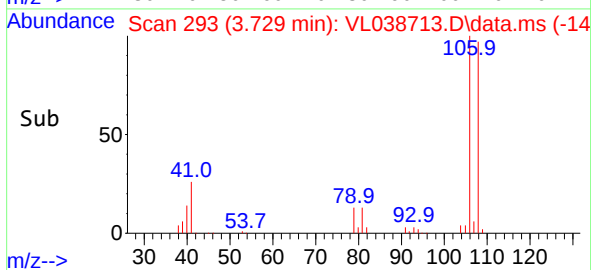
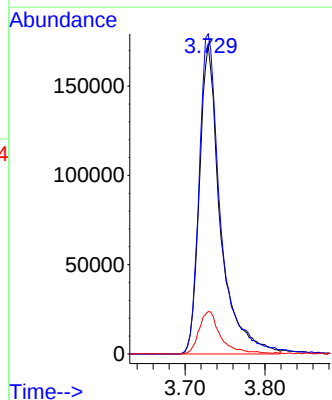
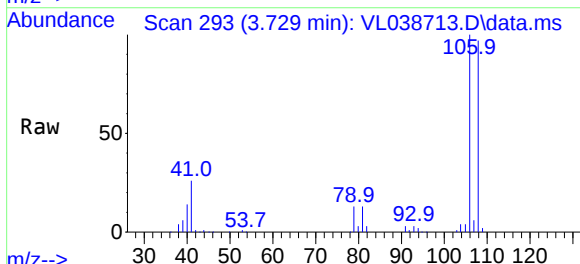
Manual Integrations
APPROVED

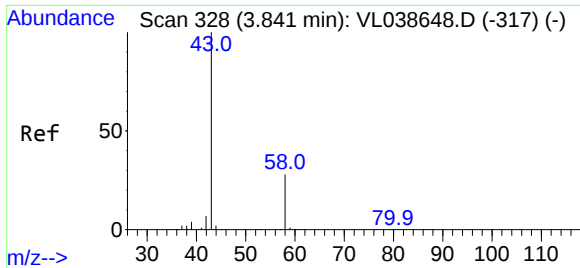
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#14
Bromoethene
Concen: 10.706 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion:108 Resp: 315316
Ion Ratio Lower Upper
108 100
106 107.0 88.3 132.5
79 14.6 11.2 16.8





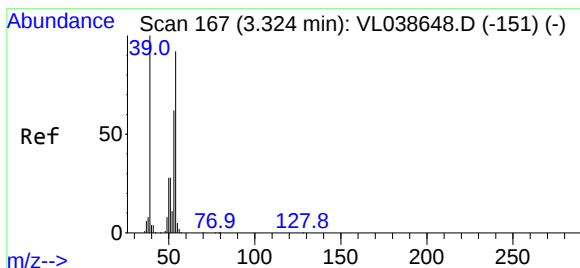
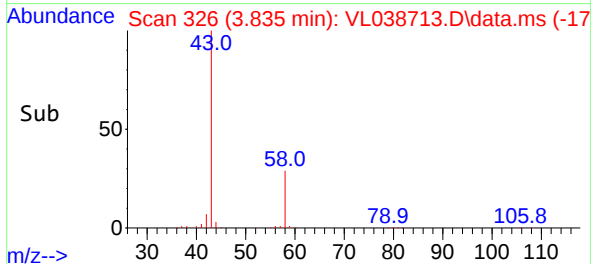
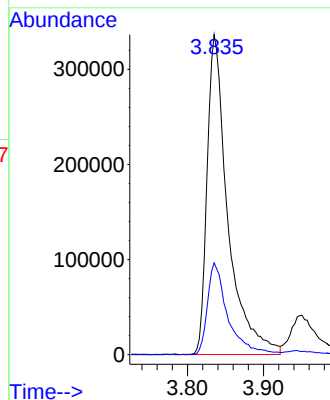
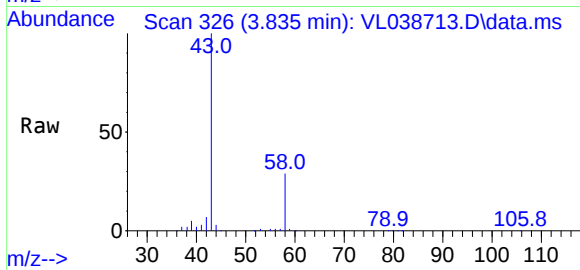
#15
Acetone
Concen: 10.181 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 637409
Ion Ratio Lower Upper
43 100
58 28.3 23.3 34.9

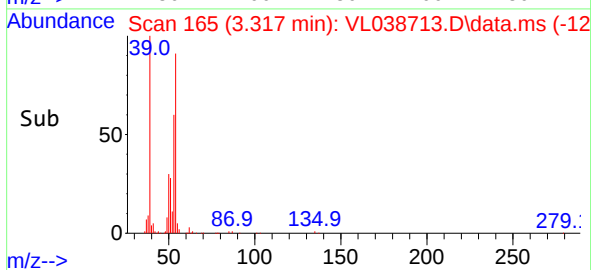
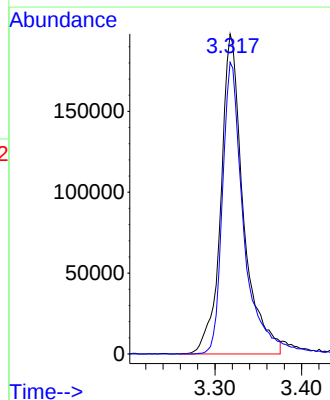
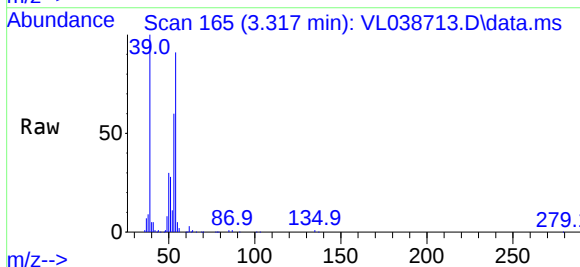
Manual Integrations
APPROVED

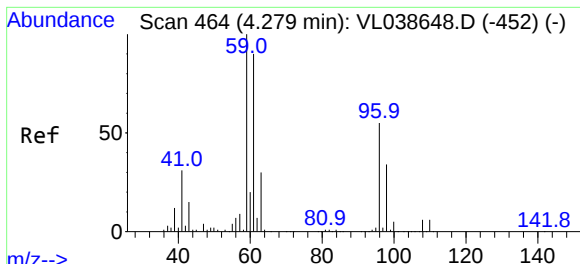
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#16
1,3-Butadiene
Concen: 10.066 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 39 Resp: 357660
Ion Ratio Lower Upper
39 100
54 87.4 69.1 103.7





#17
tert-Butyl alcohol
Concen: 12.240 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

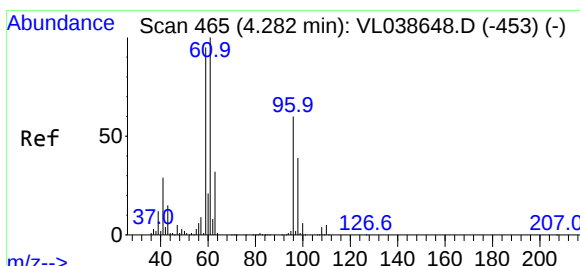
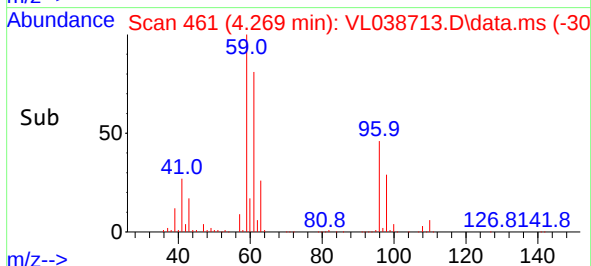
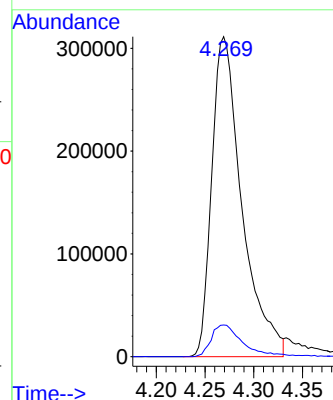
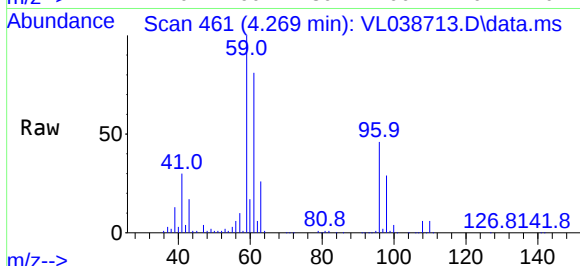
VSTDCCC010EC

Tgt Ion: 59 Resp: 669270
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2

Manual Integrations

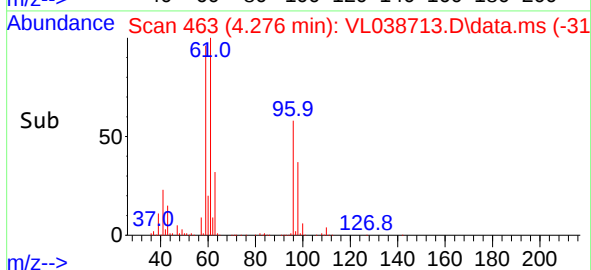
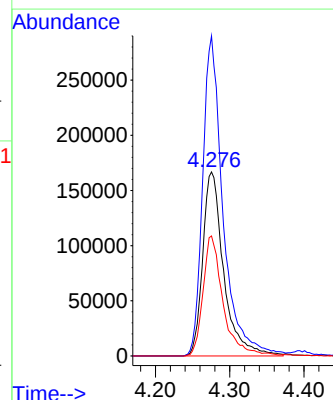
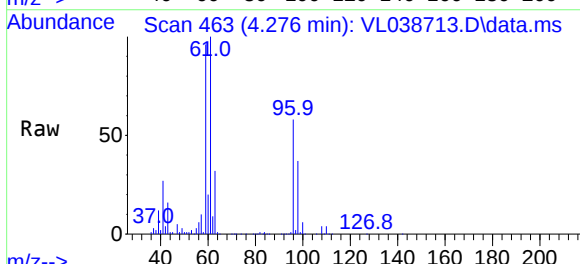
APPROVED

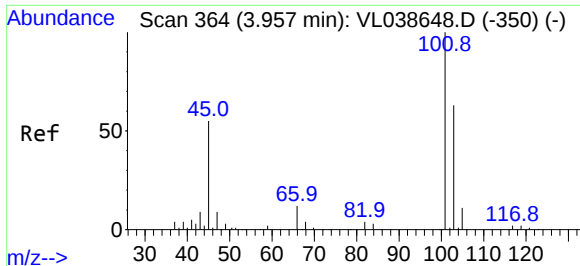
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#18
1,1-Dichloroethene
Concen: 11.034 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 96 Resp: 328483
Ion Ratio Lower Upper
96 100
61 173.8 132.4 198.6
98 65.2 51.6 77.4





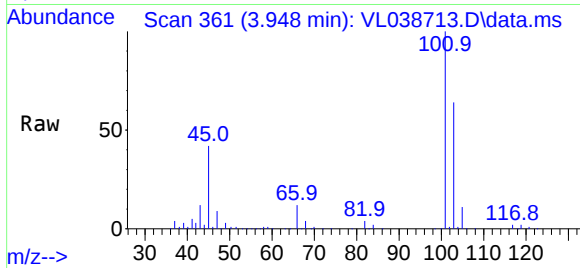
#19
Isopropyl Alcohol
Concen: 9.802 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

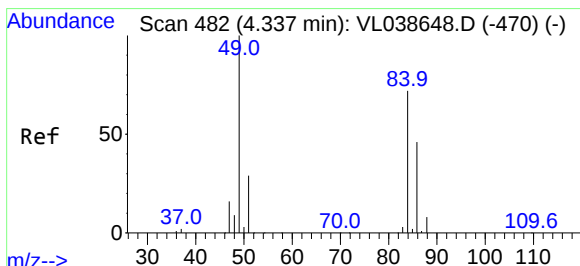
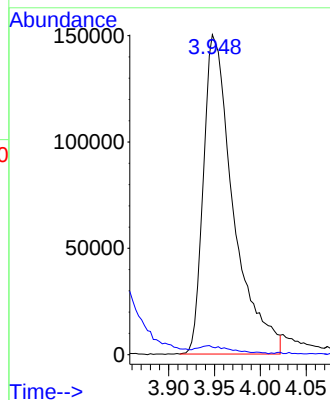
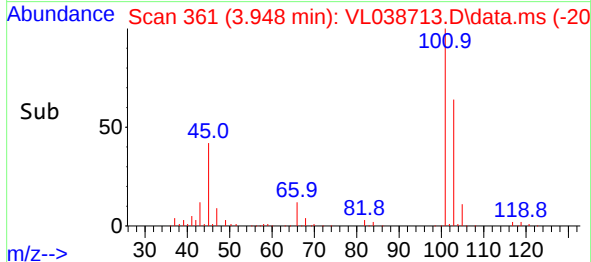


Tgt Ion: 45 Resp: 340249
Ion Ratio Lower Upper
45 100
58 3.4 2.3 3.5

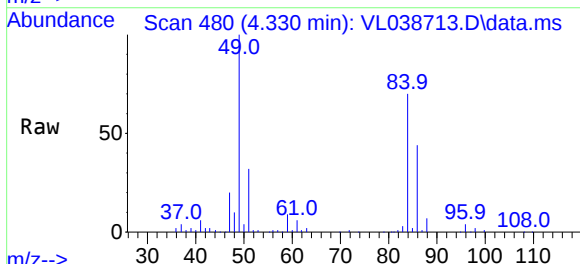
Manual Integrations

APPROVED

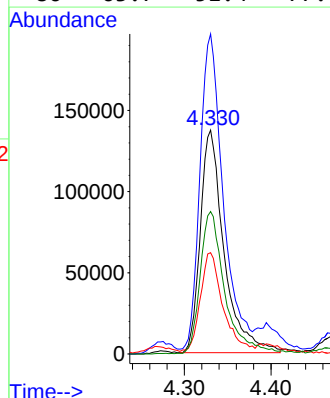
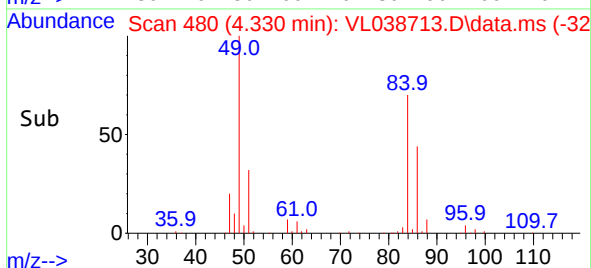
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

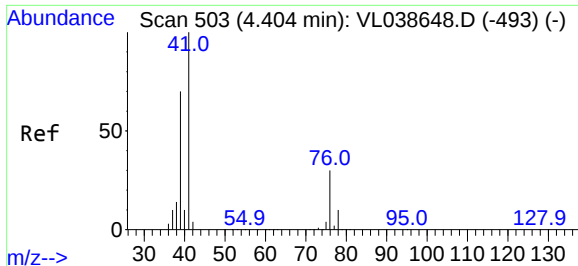


#20
Methylene Chloride
Concen: 9.931 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 84 Resp: 261883
Ion Ratio Lower Upper
84 100
49 141.6 111.2 166.8
51 44.4 32.8 49.2
86 63.7 51.4 77.0





#21
 Allyl Chloride
 Concen: 10.659 ppbv
 RT: 4.398 min Scan# 503
 Delta R.T. -0.006 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

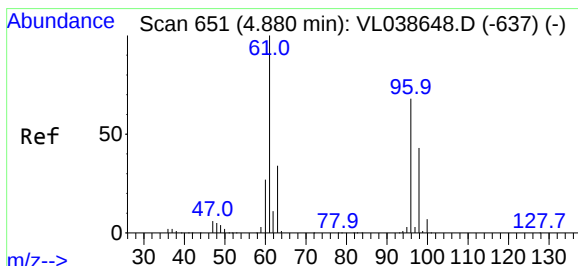
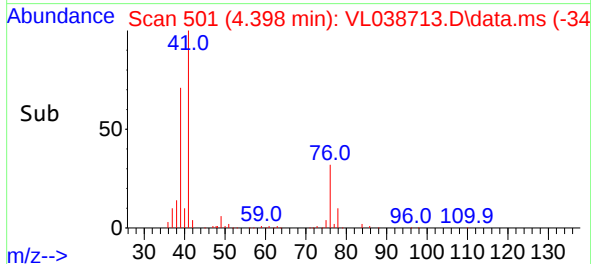
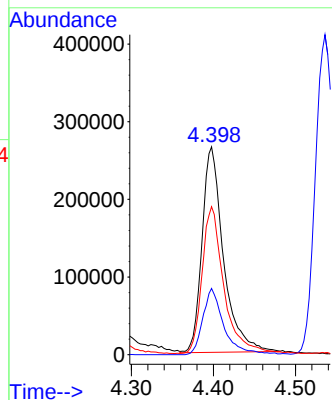
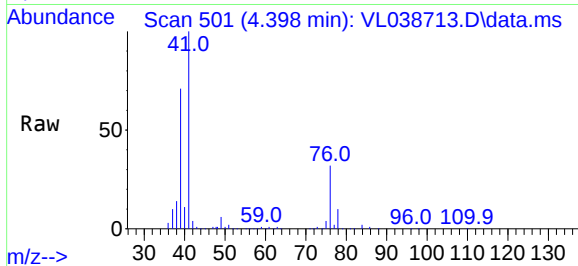
VSTDCCC010EC

Tgt Ion: 41 Resp: 480280
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.0 37.6
 39 73.2 56.6 85.0

Manual Integrations

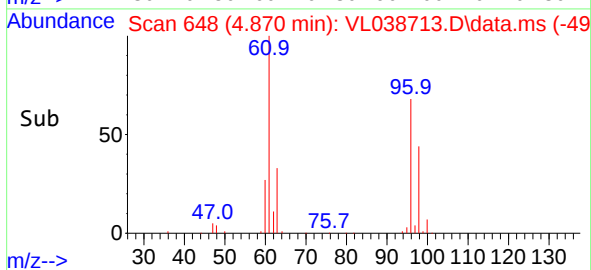
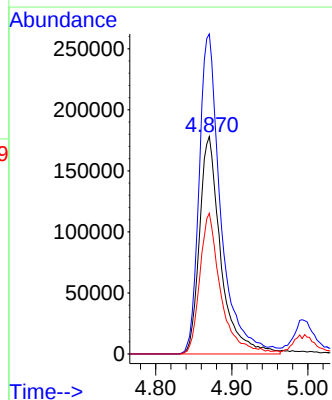
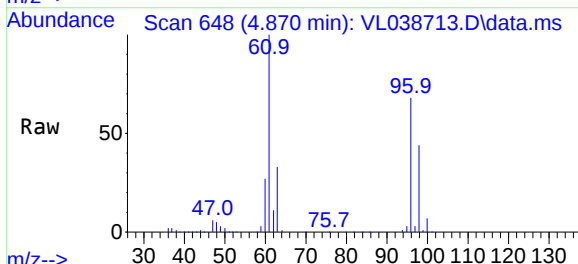
APPROVED

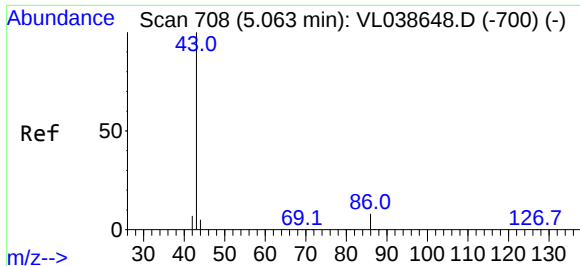
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.244 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Tgt Ion: 96 Resp: 347217
 Ion Ratio Lower Upper
 96 100
 61 147.0 118.3 177.5
 98 64.7 51.3 76.9





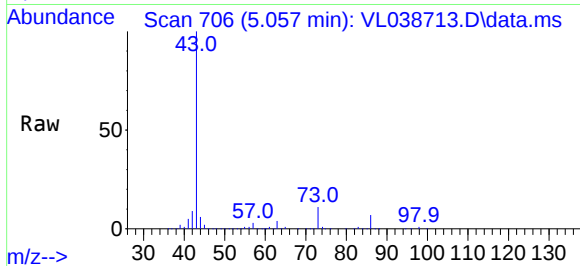
#23
 Vinyl Acetate
 Concen: 7.844 ppbv
 RT: 5.057 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

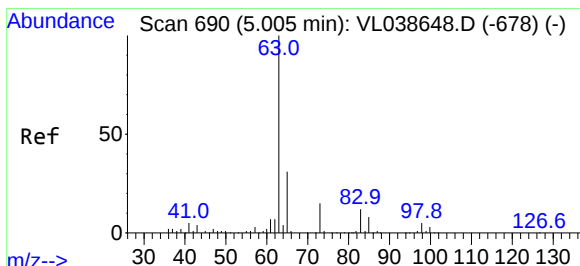
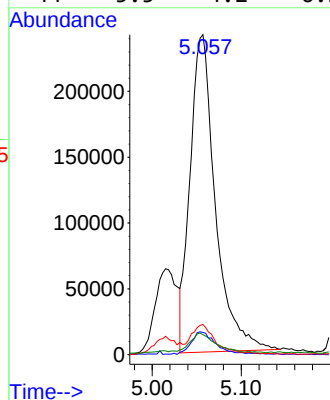
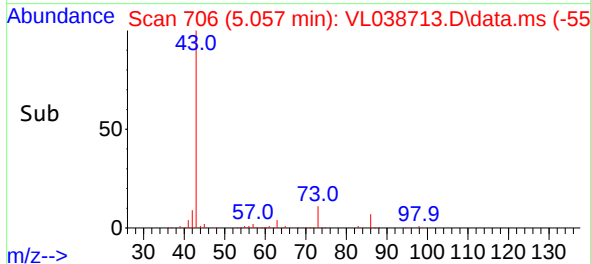


Tgt Ion: 43 Resp: 47553
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 9.4 6.8 10.2
 44 5.5 4.2 6.2

Manual Integrations

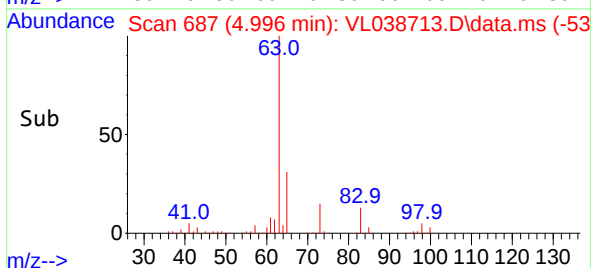
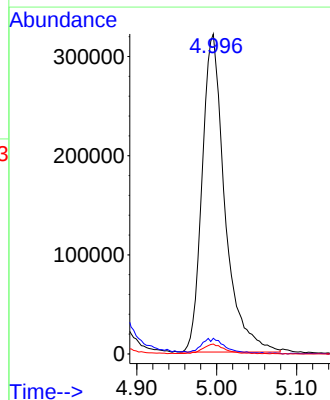
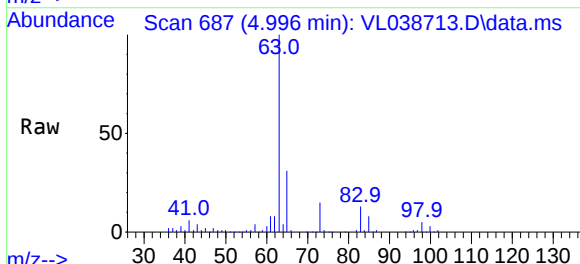
APPROVED

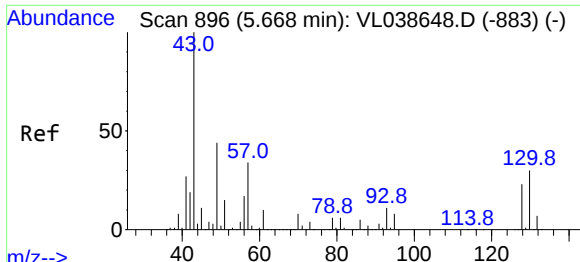
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#24
 1,1-Dichloroethane
 Concen: 10.656 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.010 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Tgt Ion: 63 Resp: 636259
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.5 7.5
 100 3.0 1.4 4.2





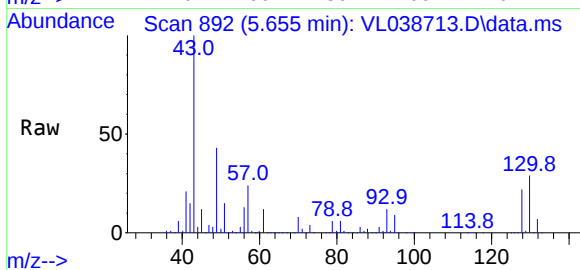
#25
Ethyl Acetate
Concen: 10.998 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

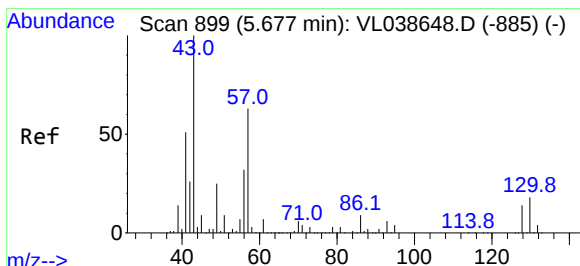
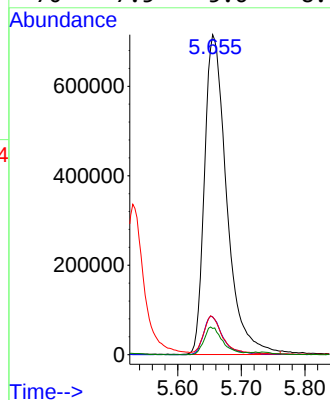
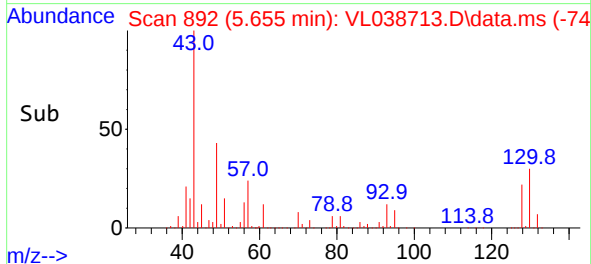


Tgt Ion: 43 Resp: 1733339
Ion Ratio Lower Upper
43 100
45 10.7 8.2 12.4
61 10.9 8.3 12.5
70 7.5 5.6 8.4

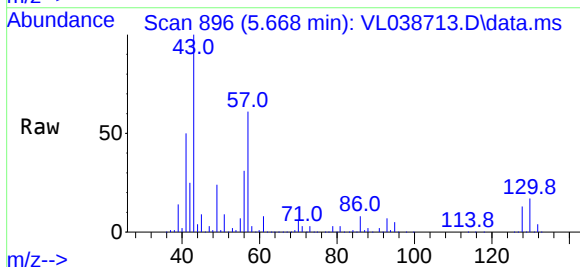
Manual Integrations

APPROVED

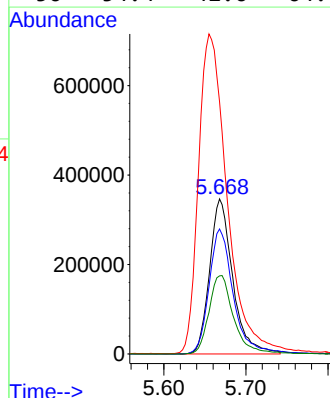
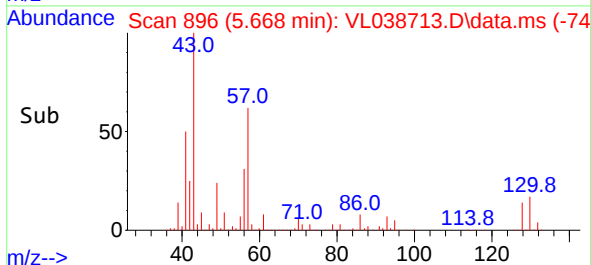
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

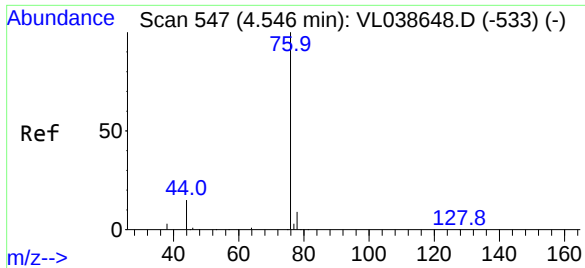


#26
Hexane
Concen: 9.602 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



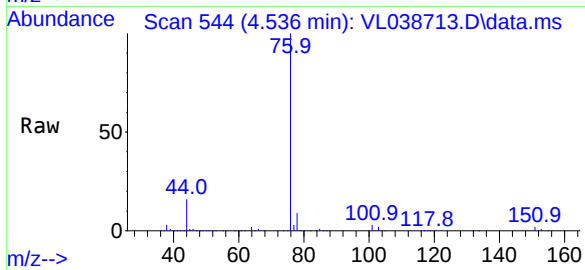
Tgt Ion: 57 Resp: 677514
Ion Ratio Lower Upper
57 100
41 85.6 67.0 100.4
43 258.0 184.2 276.2
56 54.4 42.6 64.0





#27
Carbon Disulfide
Concen: 11.580 ppbv
RT: 4.536 min Scan# 54
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

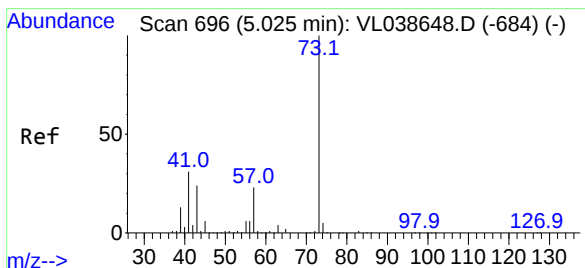
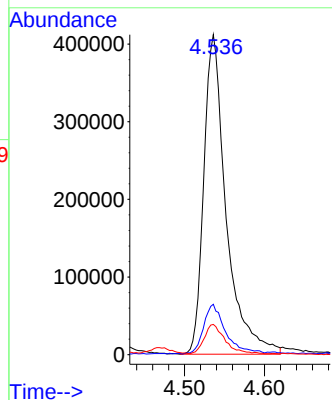
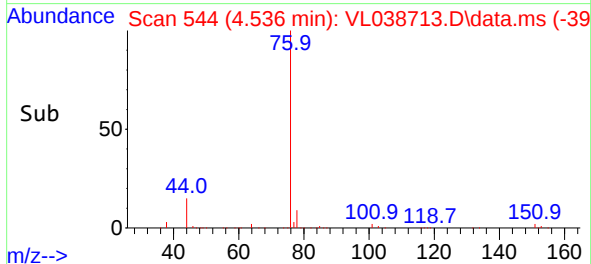
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 801569
Ion Ratio Lower Upper
76 100
44 16.1 12.4 18.6
78 9.9 7.8 11.8

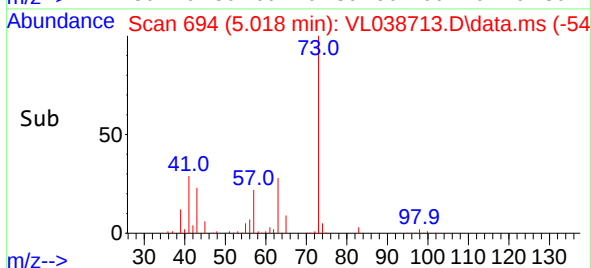
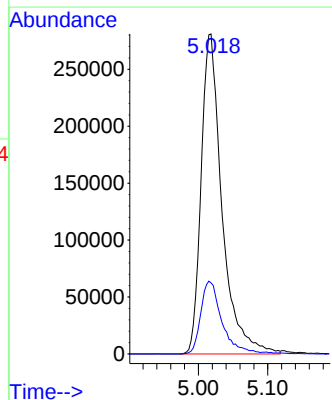
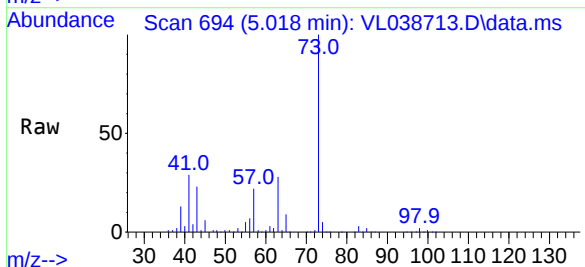
Manual Integrations
APPROVED

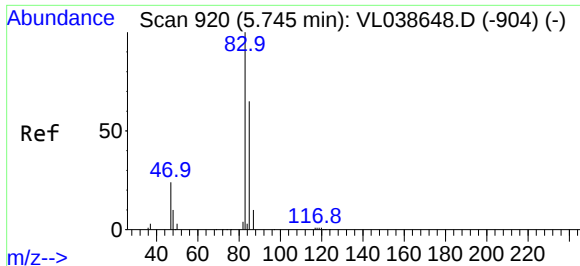
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
Methyl tert-Butyl Ether
Concen: 11.157 ppbv
RT: 5.018 min Scan# 694
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

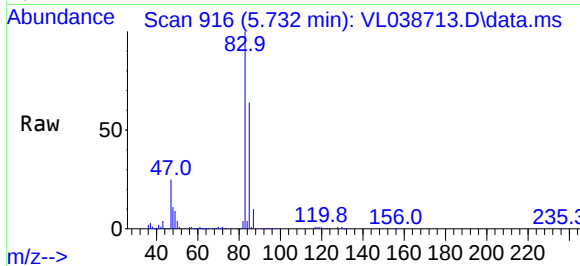
Tgt Ion: 73 Resp: 586432
Ion Ratio Lower Upper
73 100
57 23.4 19.2 28.8





#29
Chloroform
Concen: 10.027 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

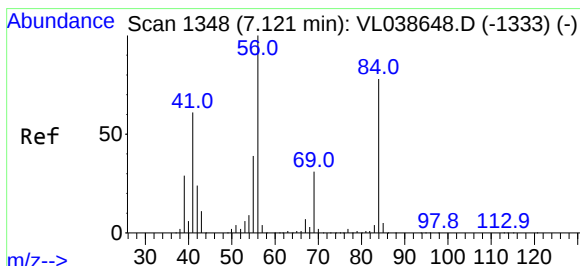
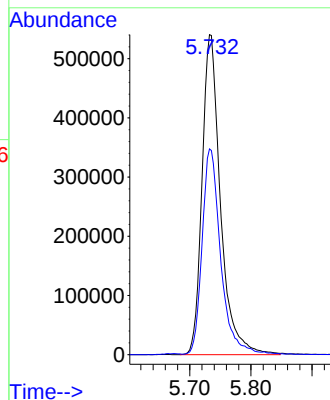
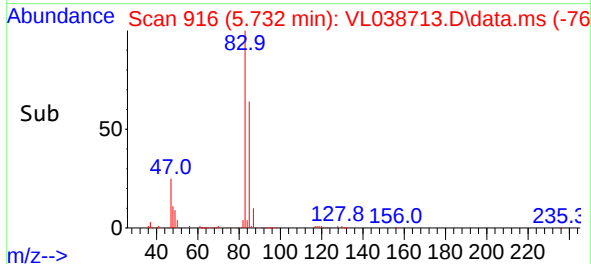
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



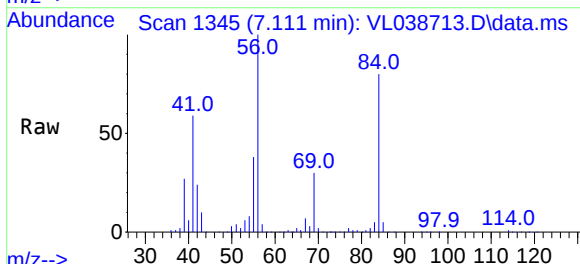
Tgt Ion: 83 Resp: 1132850
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5

Manual Integrations
APPROVED

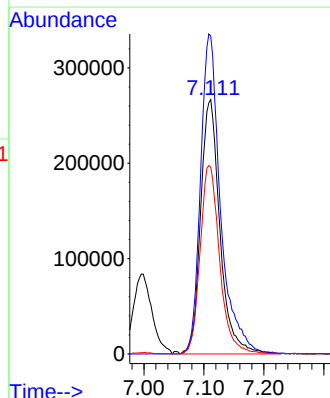
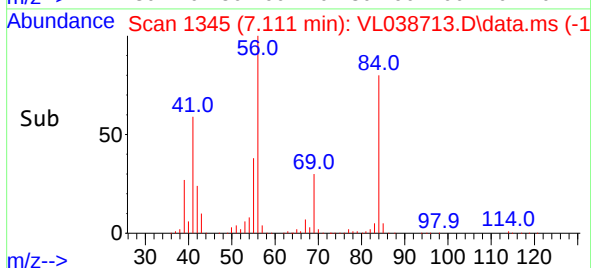
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

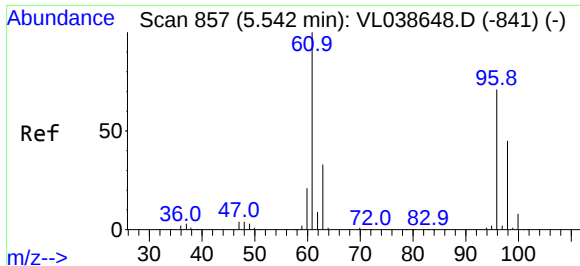


#30
Cyclohexane
Concen: 9.762 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



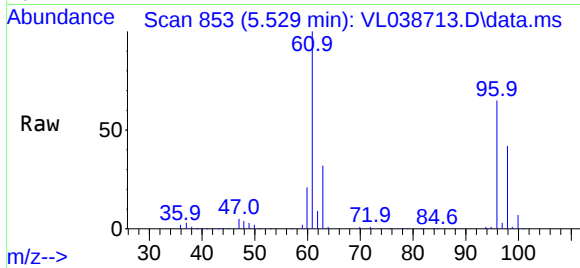
Tgt Ion: 84 Resp: 598883
Ion Ratio Lower Upper
84 100
56 130.5 108.2 162.4
41 75.0 61.8 92.6





#31
cis-1,2-Dichloroethene
Concen: 10.237 ppbv
RT: 5.529 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

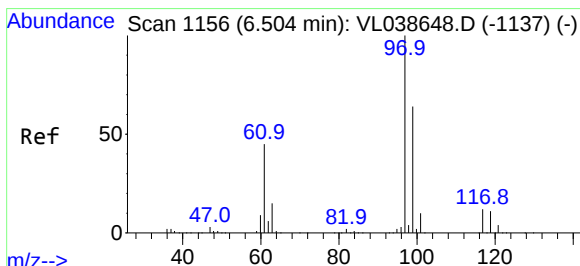
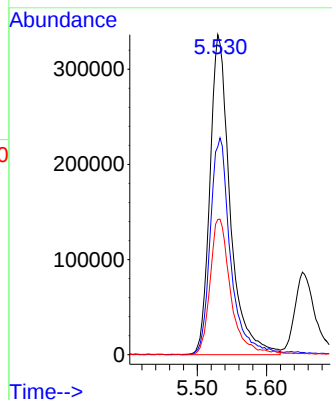
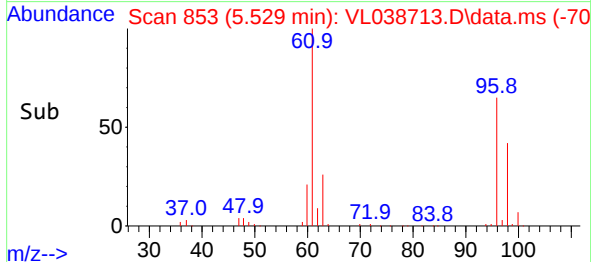
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



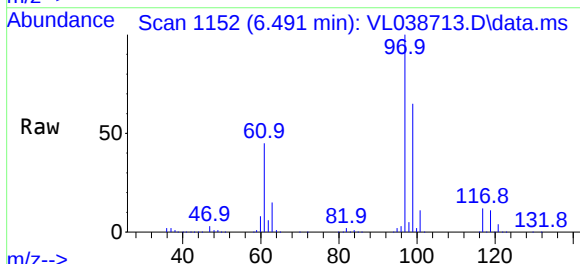
Tgt Ion: 61 Resp: 679154
Ion Ratio Lower Upper
61 100
96 64.9 56.6 84.8
98 42.1 36.3 54.5

Manual Integrations
APPROVED

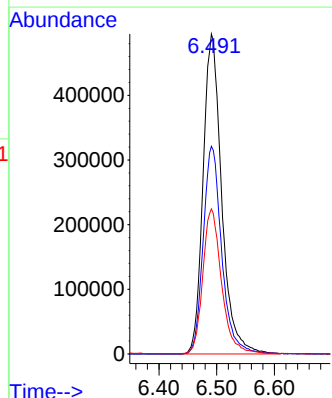
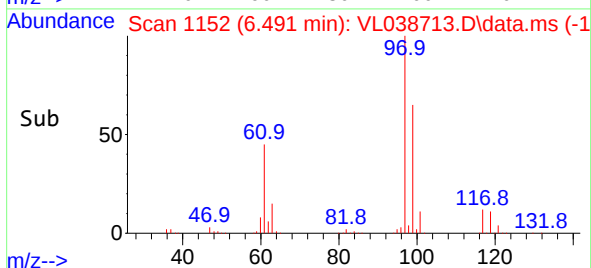
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

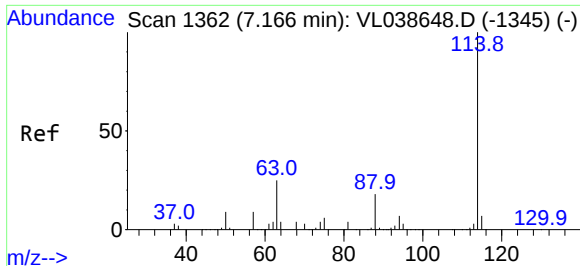


#32
1,1,1-Trichloroethane
Concen: 10.162 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 97 Resp: 1107893
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 45.9 36.7 55.1





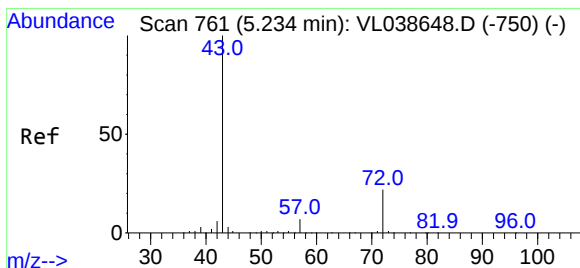
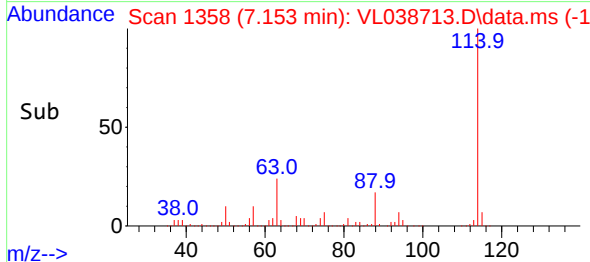
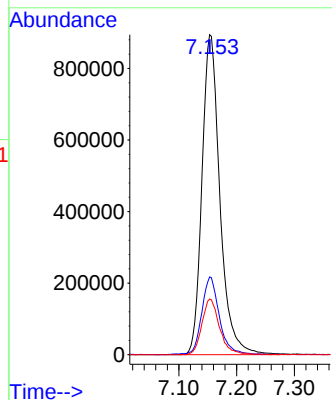
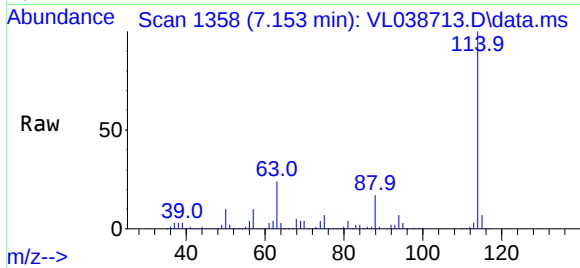
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 1930640
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.2 13.9 20.9

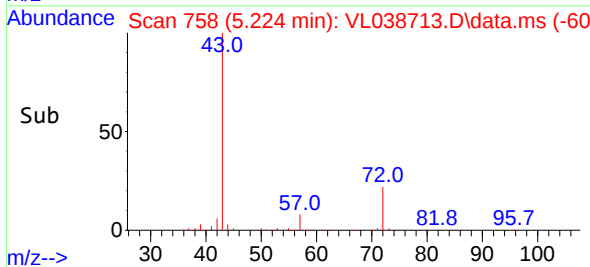
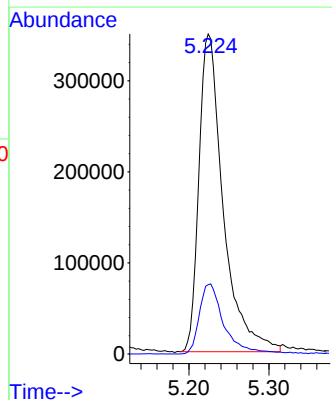
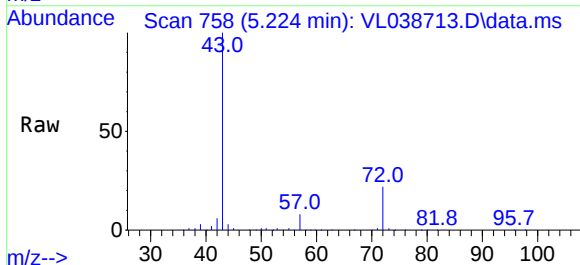
Manual Integrations
APPROVED

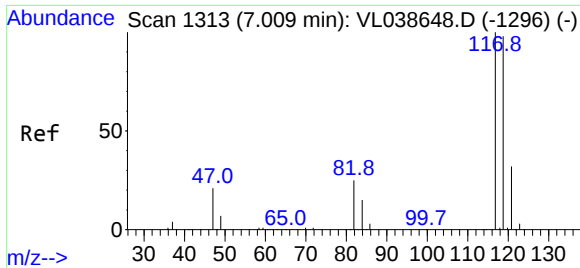
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#34
2-Butanone
Concen: 9.655 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 43 Resp: 737752
Ion Ratio Lower Upper
43 100
72 22.9 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.348 ppbv
RT: 6.996 min Scan# 115924
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

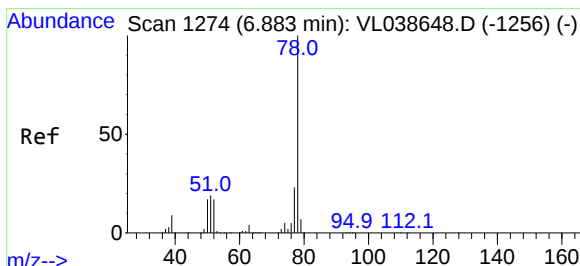
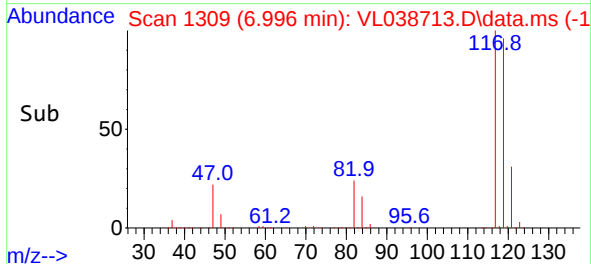
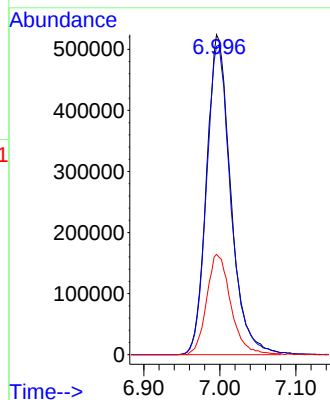
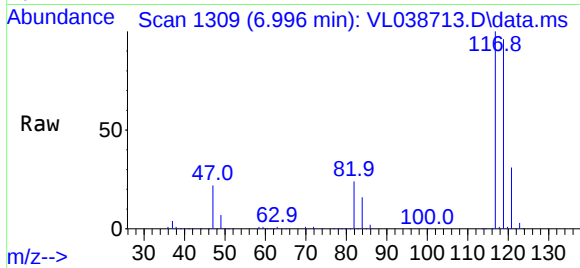
VSTDCCC010EC

Tgt Ion:117 Resp: 115924
Ion Ratio Lower Upper
117 100
119 96.3 78.1 117.1
121 31.3 25.8 38.6

Manual Integrations

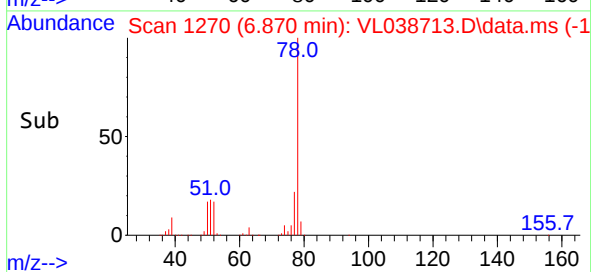
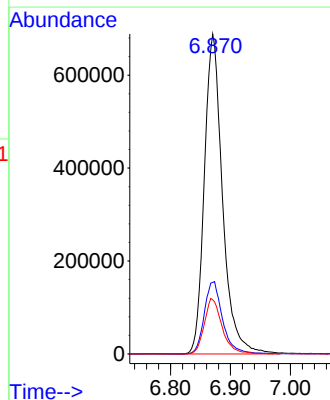
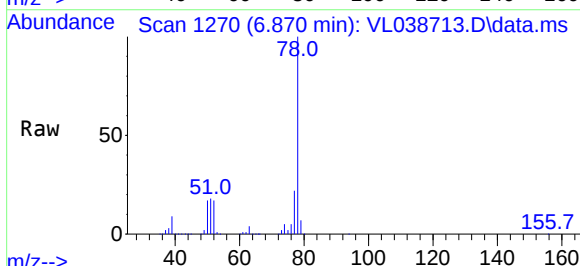
APPROVED

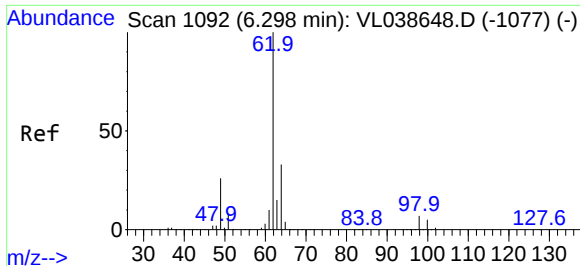
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#36
Benzene
Concen: 9.755 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 78 Resp: 1453579
Ion Ratio Lower Upper
78 100
77 22.4 18.1 27.1
50 17.0 13.6 20.4





#37
1,2-Dichloroethane
Concen: 10.330 ppbv
RT: 6.285 min Scan# 1092
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

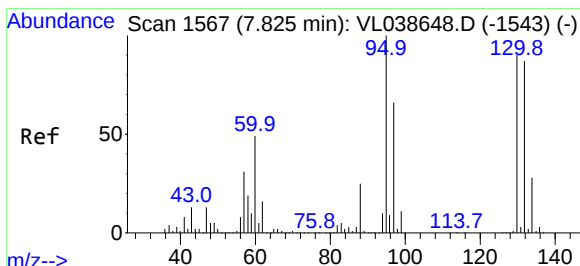
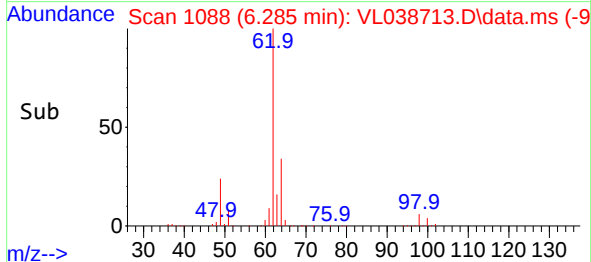
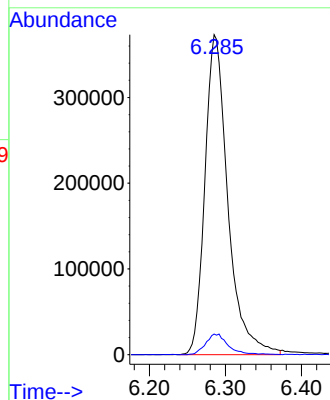
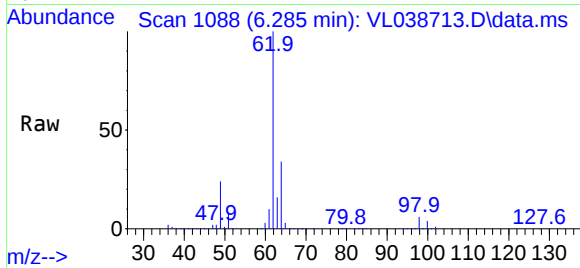
VSTDCCC010EC

Tgt Ion: 62 Resp: 782940
Ion Ratio Lower Upper
62 100
98 6.4 5.6 8.4

Manual Integrations

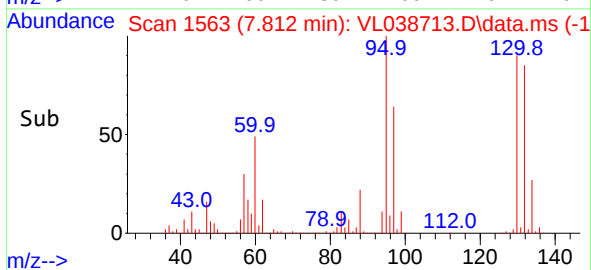
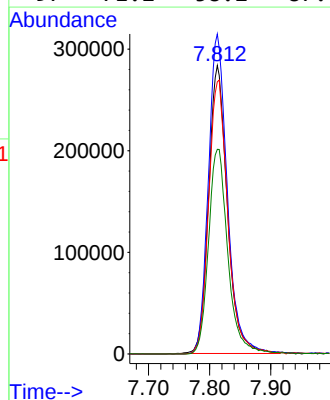
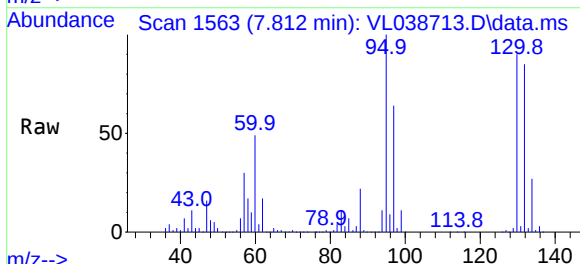
APPROVED

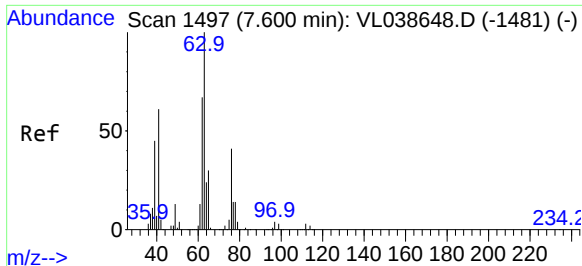
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Trichloroethene
Concen: 9.715 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

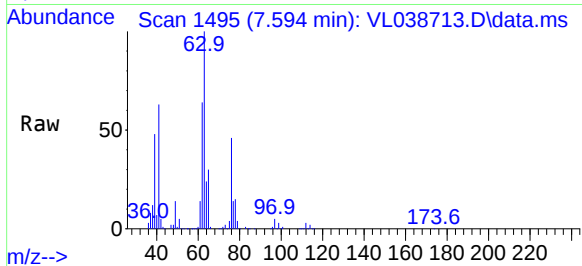
Tgt Ion:130 Resp: 606405
Ion Ratio Lower Upper
130 100
95 111.4 88.9 133.3
132 94.8 77.4 116.0
97 71.2 58.2 87.4





#39
1,2-Dichloropropane
Concen: 9.468 ppbv
RT: 7.594 min Scan# 1495
Delta R.T. -0.006 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

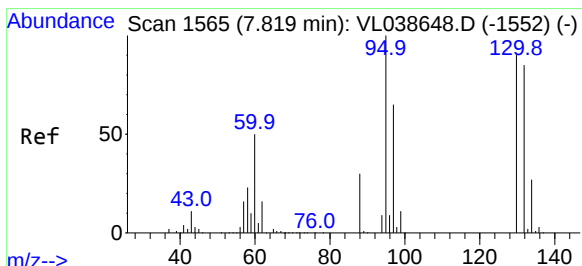
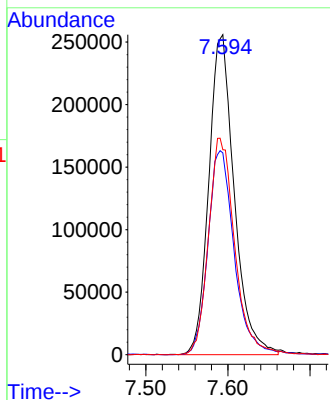
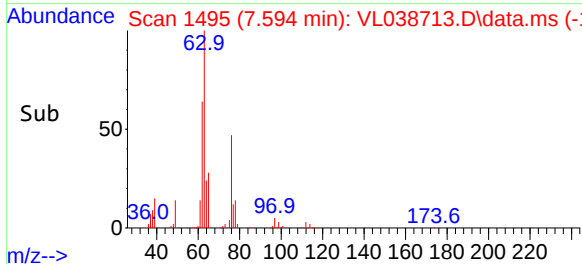
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



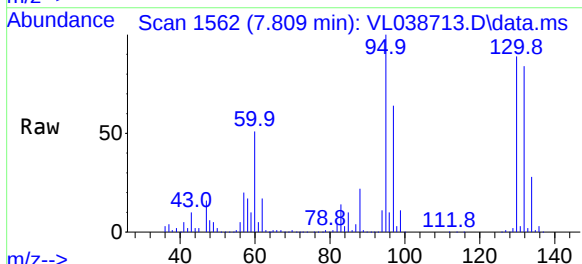
Tgt Ion: 63 Resp: 55154
Ion Ratio Lower Upper
63 100
41 63.0 49.0 73.6
62 64.0 53.9 80.9

Manual Integrations
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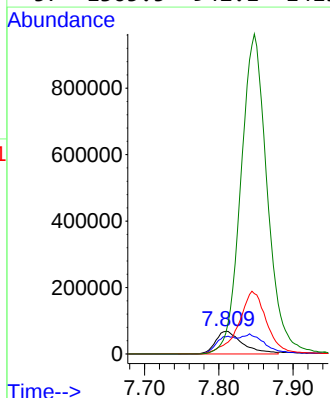
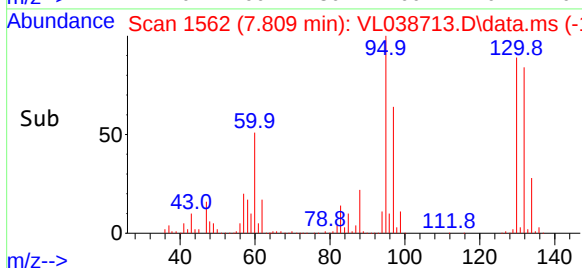
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

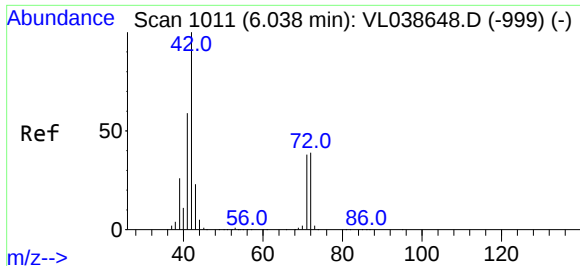


#40
1,4-Dioxane
Concen: 8.663 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



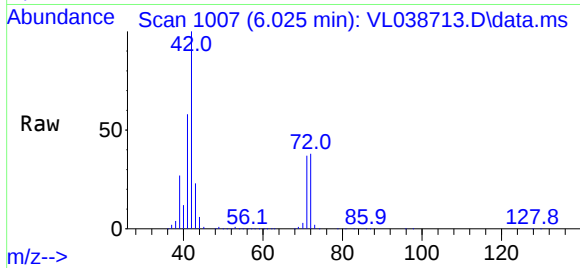
Tgt Ion: 88 Resp: 175238
Ion Ratio Lower Upper
88 100
58 138.9 105.6 158.4
43 284.4 201.9 302.9
57 1365.5 942.1 1413.1





#41
Tetrahydrofuran
Concen: 9.669 ppbv
RT: 6.025 min Scan# 1011
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

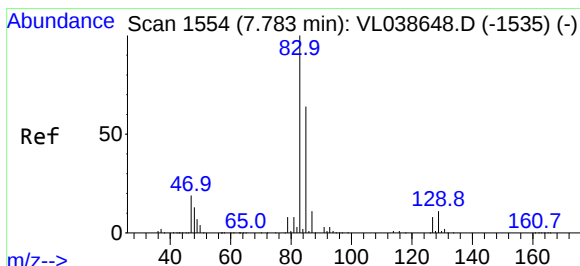
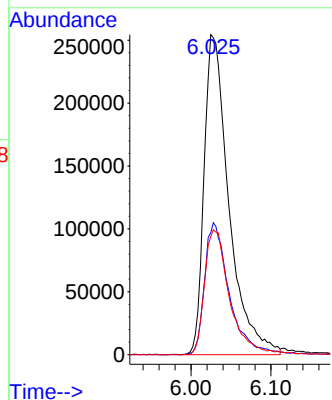
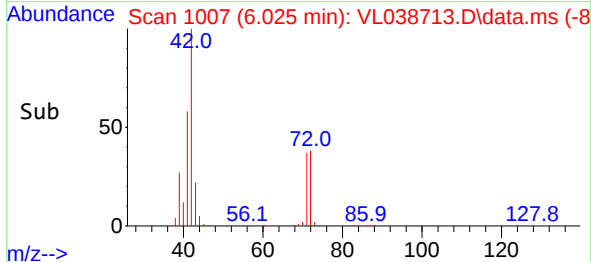
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



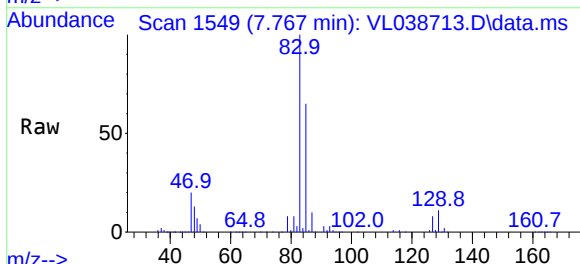
Tgt Ion: 42 Resp: 549910
Ion Ratio Lower Upper
42 100
72 41.4 32.5 48.7
71 39.8 31.4 47.2

Manual Integrations
APPROVED

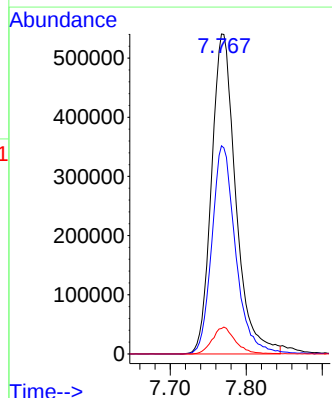
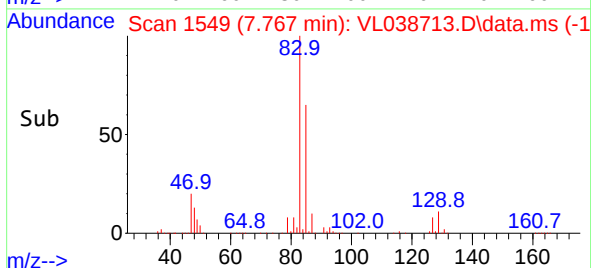
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

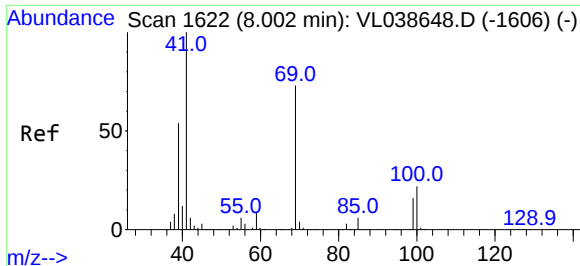


#42
Bromodichloromethane
Concen: 10.548 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 83 Resp: 1198667
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 7.9 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.125 ppbv
RT: 7.989 min Scan# 1618
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

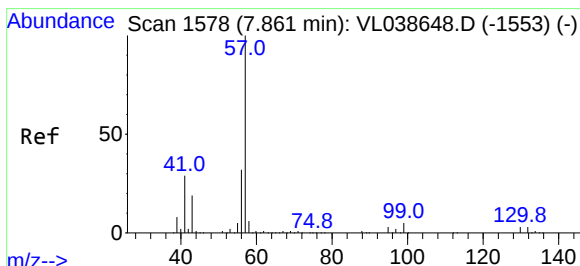
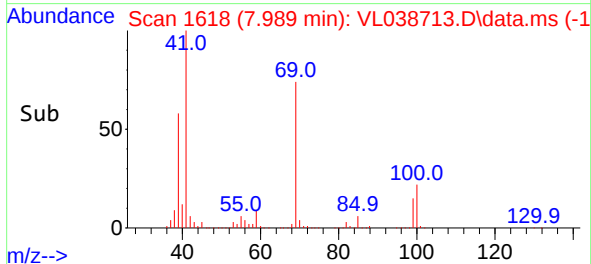
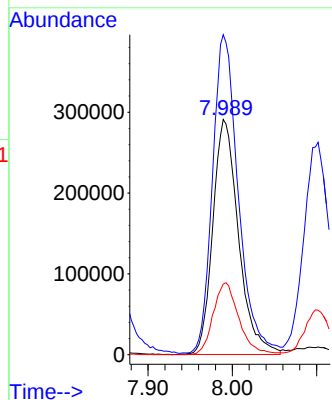
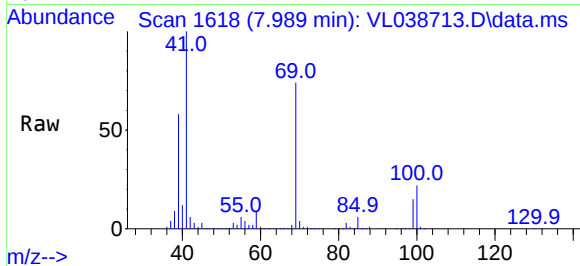
VSTDCCC010EC

Tgt Ion: 69 Resp: 61545
Ion Ratio Lower Upper
69 100
41 136.9 110.3 165.5
100 30.7 24.8 37.2

Manual Integrations

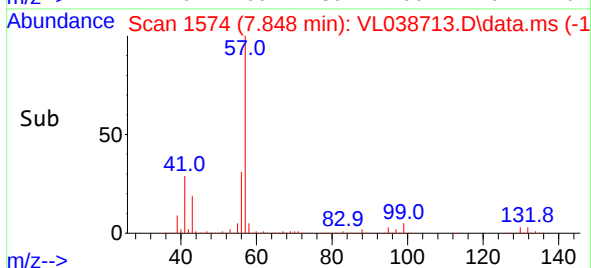
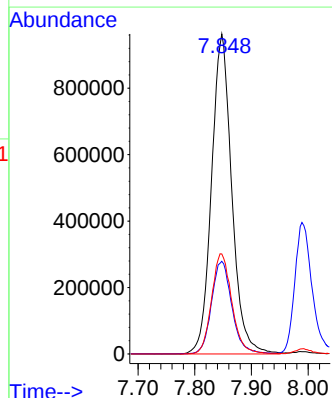
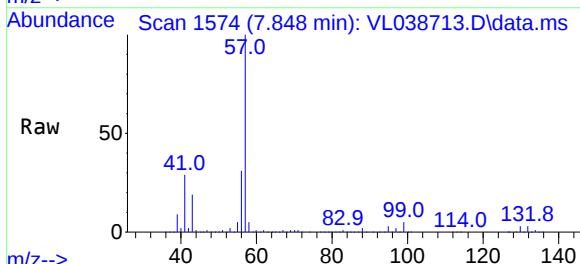
APPROVED

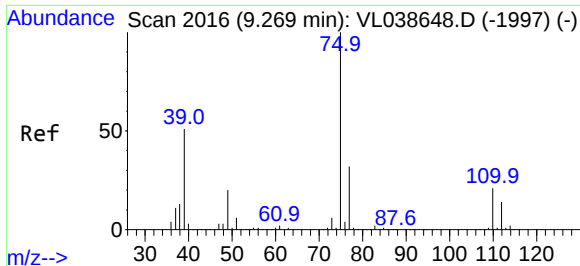
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
2,2,4-Trimethylpentane
Concen: 9.557 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 57 Resp: 2390866
Ion Ratio Lower Upper
57 100
41 29.2 23.0 34.4
56 31.4 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 11.855 ppbv
RT: 9.253 min Scan# 2011
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

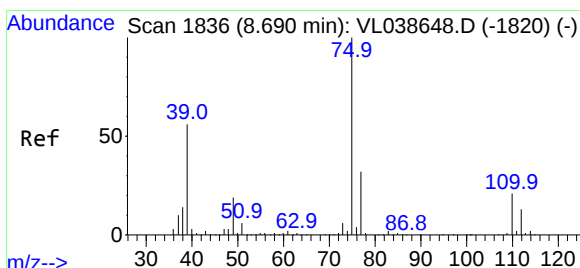
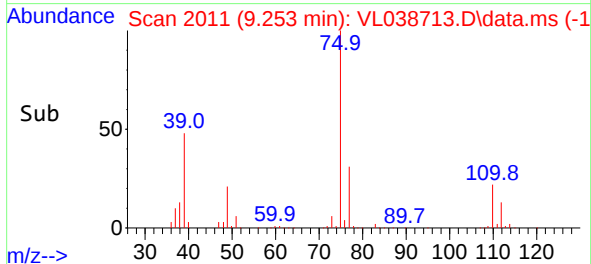
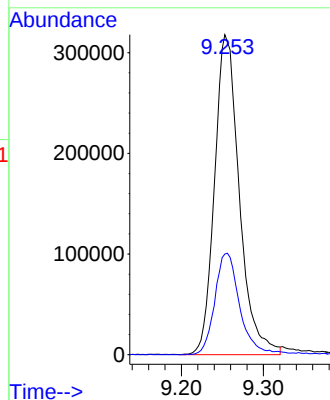
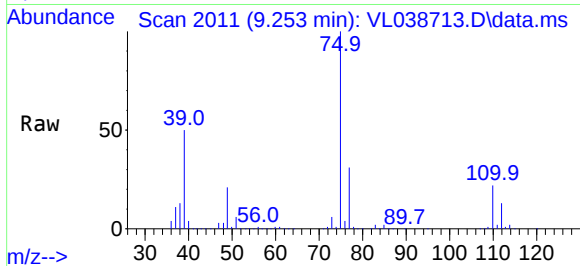
VSTDCCC010EC

Tgt Ion: 75 Resp: 666812
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

Manual Integrations

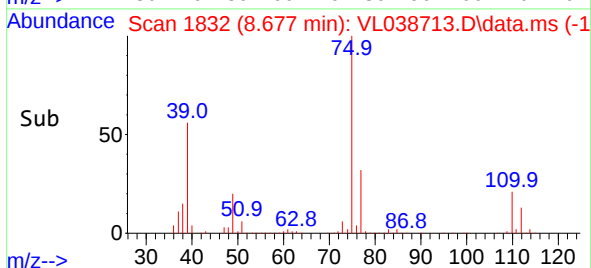
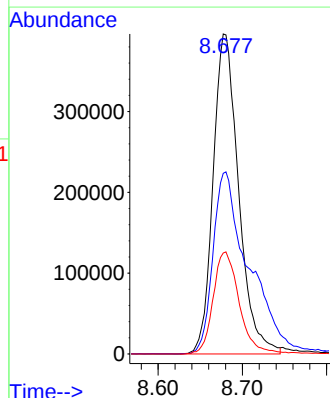
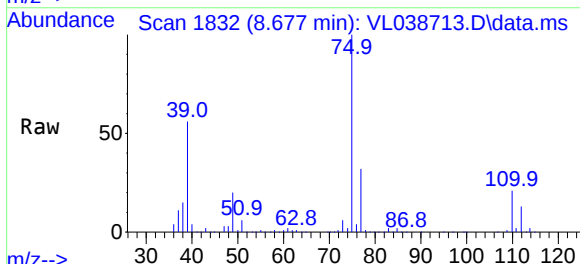
APPROVED

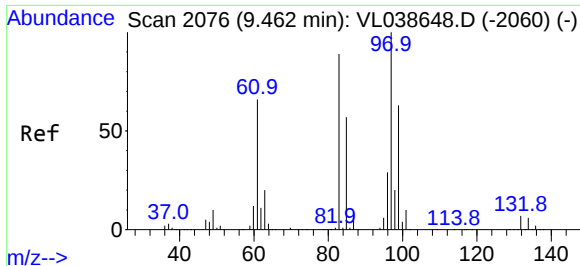
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#46
cis-1,3-Dichloropropene
Concen: 10.945 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Tgt Ion: 75 Resp: 832415
Ion Ratio Lower Upper
75 100
39 56.4 44.8 67.2
77 31.6 25.4 38.0





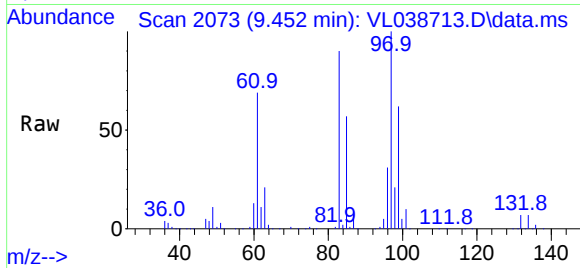
#47
1,1,2-Trichloroethane
Concen: 9.812 ppbv
RT: 9.452 min Scan# 2076
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

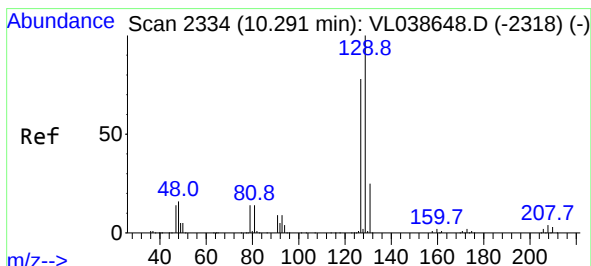
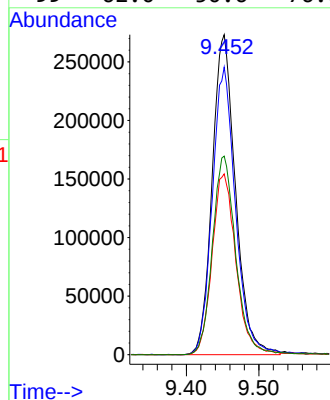
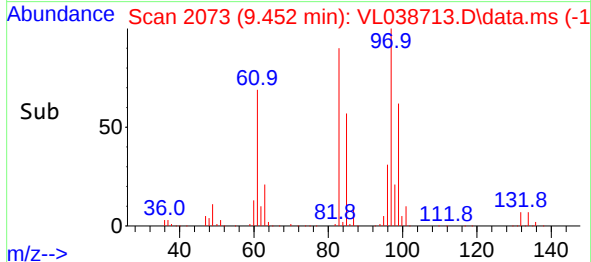


Tgt Ion: 97 Resp: 610194
Ion Ratio Lower Upper
97 100
83 89.9 71.2 106.8
85 56.5 45.3 67.9
99 62.0 50.6 76.0

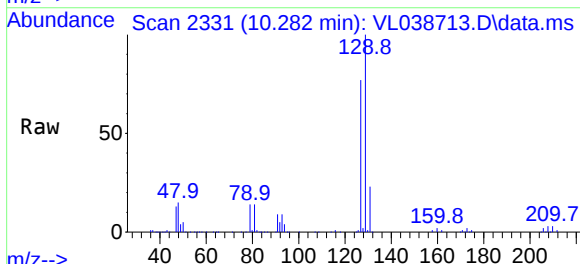
Manual Integrations

APPROVED

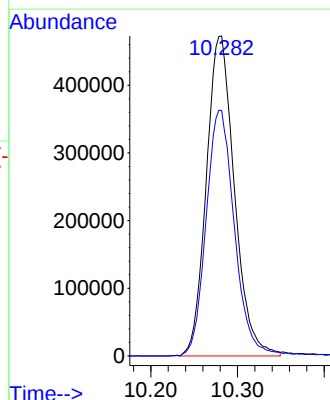
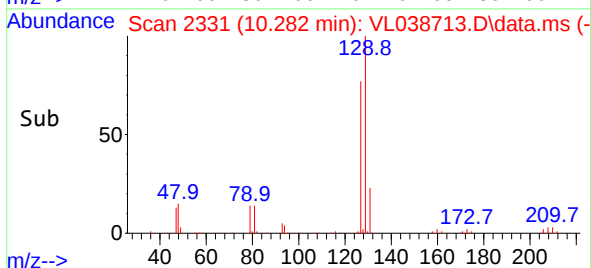
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

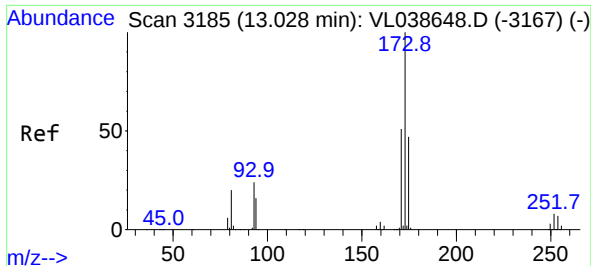


#48
Dibromochloromethane
Concen: 10.940 ppbv
RT: 10.282 min Scan# 2331
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



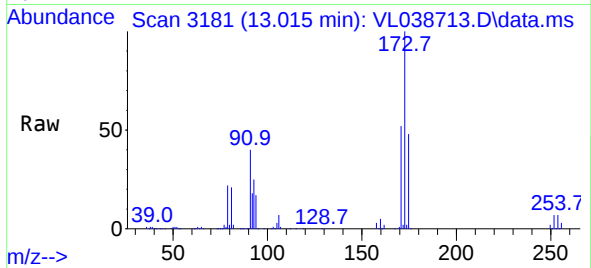
Tgt Ion:129 Resp: 1065690
Ion Ratio Lower Upper
129 100
127 78.1 39.5 118.5





#49
Bromoform
Concen: 11.163 ppbv
RT: 13.015 min Scan# 3185
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

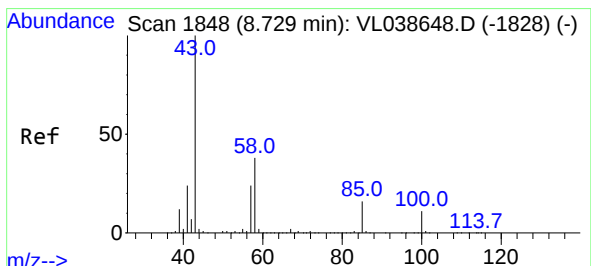
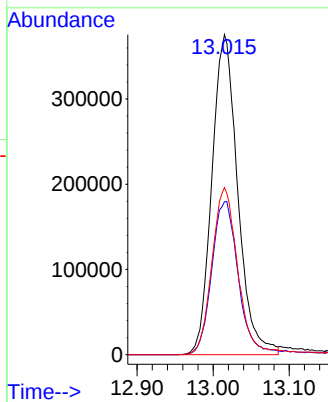
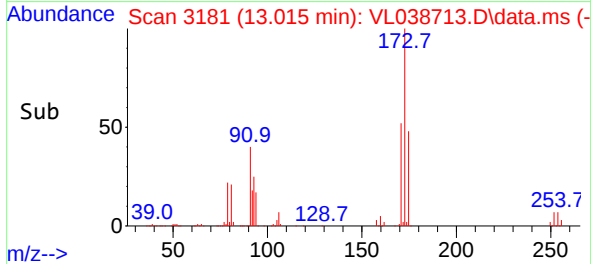
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



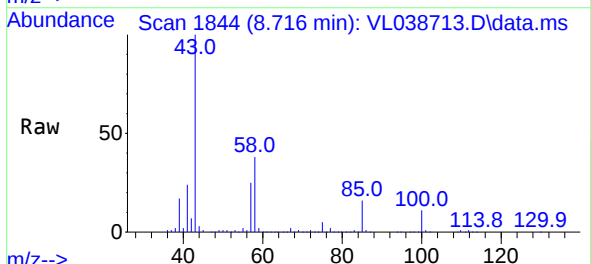
Tgt Ion:173 Resp: 886352
Ion Ratio Lower Upper
173 100
175 50.6 41.0 61.6
171 54.1 43.1 64.7

Manual Integrations
APPROVED

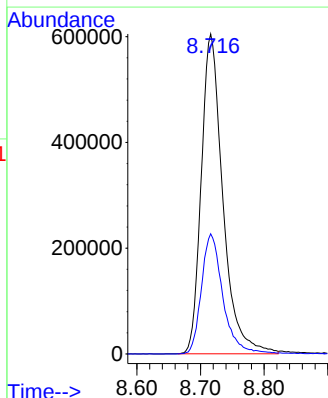
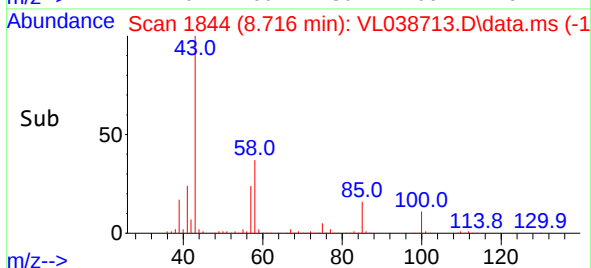
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

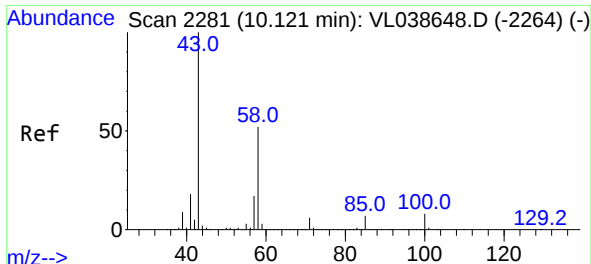


#50
4-Methyl-2-Pentanone
Concen: 10.045 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



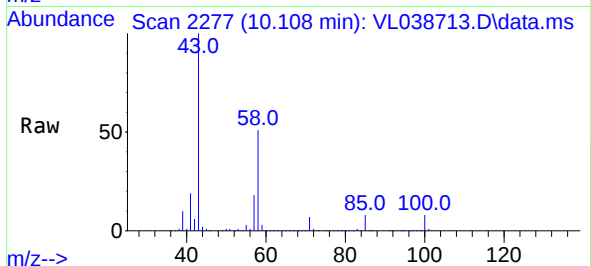
Tgt Ion: 43 Resp: 1427079
Ion Ratio Lower Upper
43 100
58 37.8 29.9 44.9





#51
2-Hexanone
Concen: 10.870 ppbv
RT: 10.108 min Scan# 2109
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

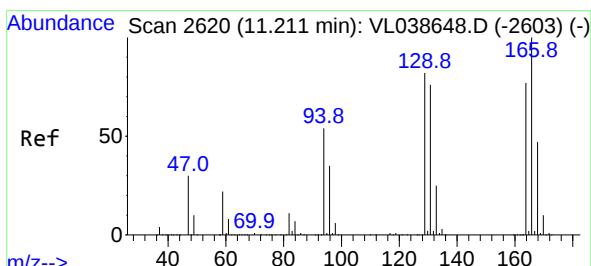
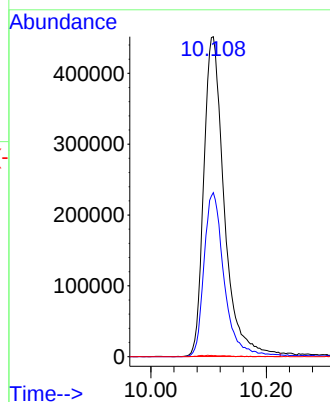
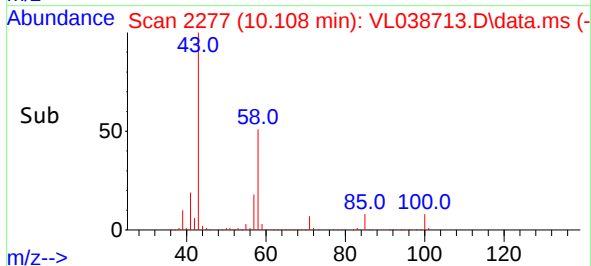
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



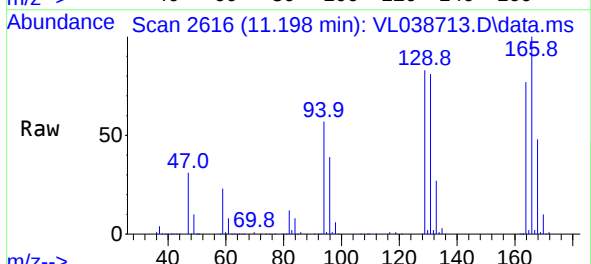
Tgt Ion: 43 Resp: 1109180
Ion Ratio Lower Upper
43 100
58 50.9 41.2 61.8
98 0.5 0.2 0.4

Manual Integrations
APPROVED

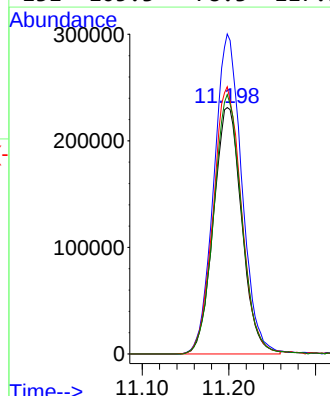
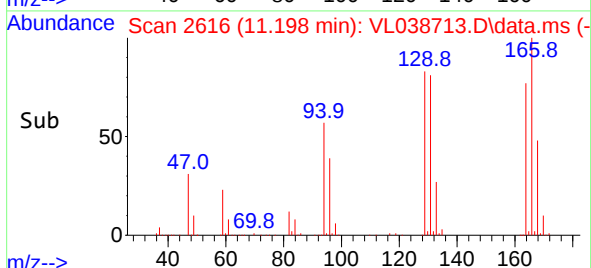
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

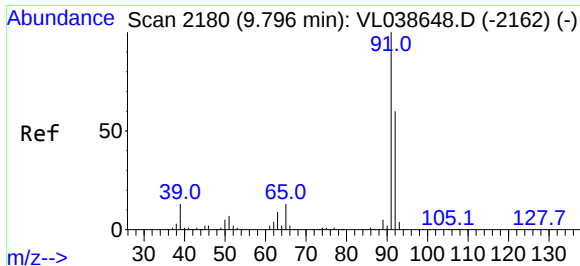


#52
Tetrachloroethene
Concen: 9.623 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion:164 Resp: 524744
Ion Ratio Lower Upper
164 100
166 129.8 103.3 154.9
129 108.3 85.2 127.8
131 105.3 78.3 117.5





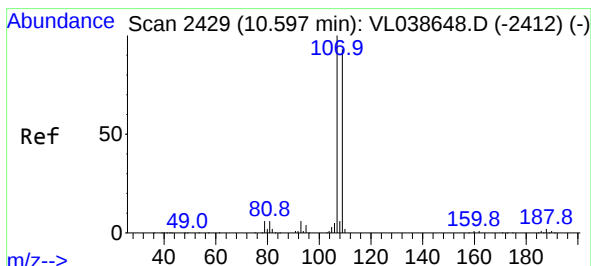
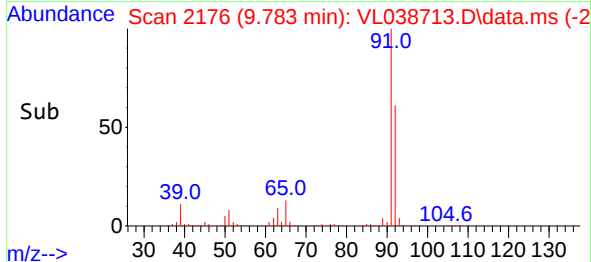
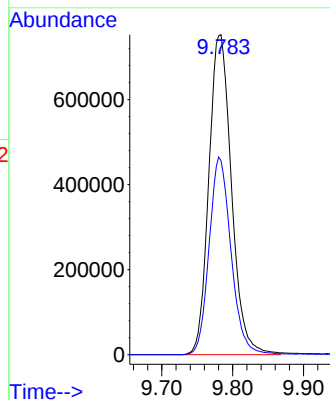
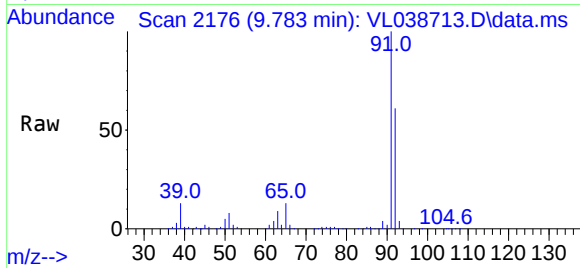
#53
Toluene
Concen: 10.435 ppbv
RT: 9.783 min Scan# 2176
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 1670698
Ion Ratio Lower Upper
91 100
92 60.0 48.7 73.1

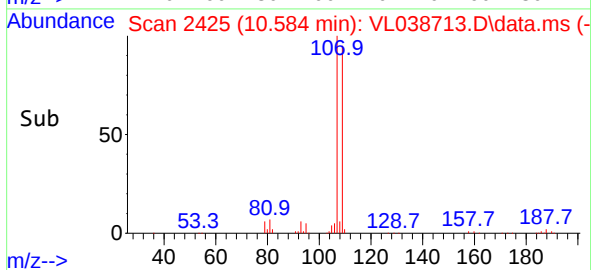
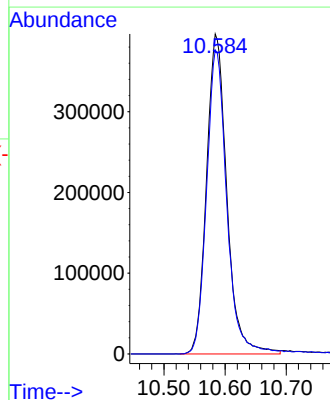
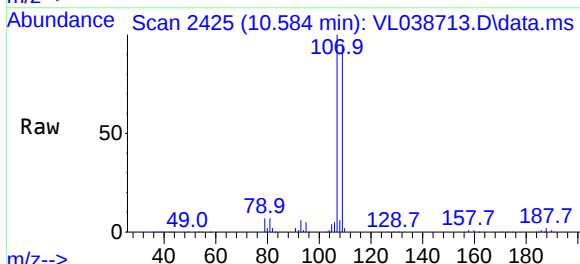
Manual Integrations
APPROVED

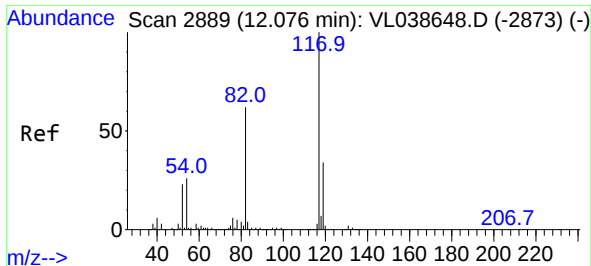
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#54
1,2-Dibromoethane
Concen: 10.754 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

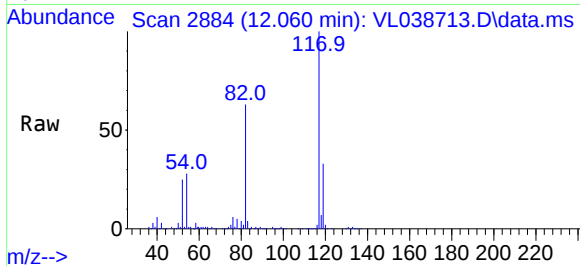
Tgt Ion:107 Resp: 913230
Ion Ratio Lower Upper
107 100
109 95.0 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2884
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

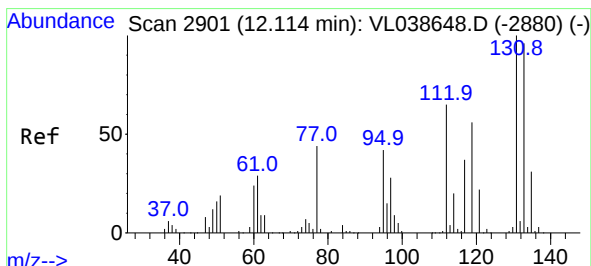
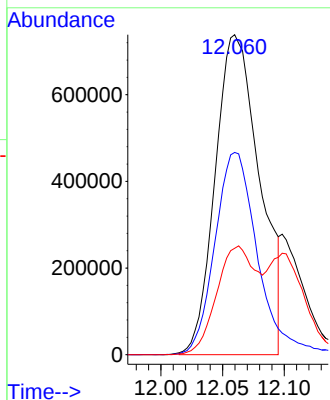
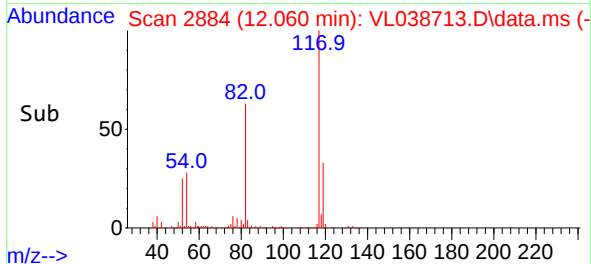
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



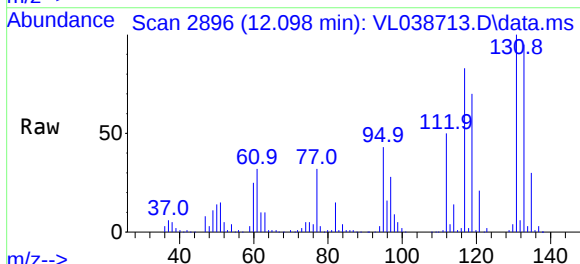
Tgt Ion:117 Resp: 185780
Ion Ratio Lower Upper
117 100
82 62.1 51.6 77.4
119 32.6 26.9 40.3

Manual Integrations
APPROVED

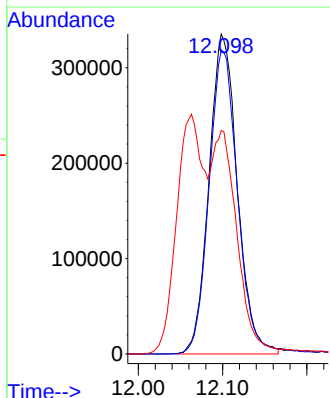
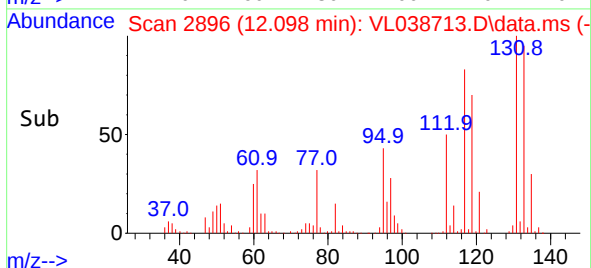
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

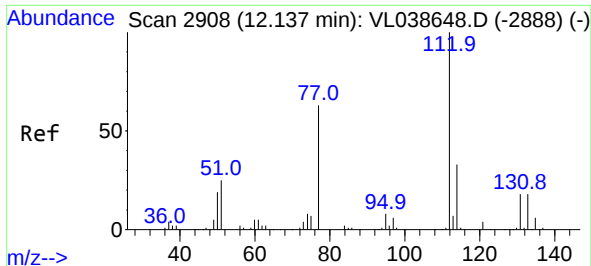


#56
1,1,1,2-Tetrachloroethane
Concen: 10.152 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



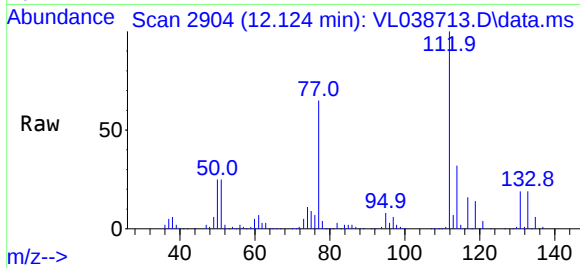
Tgt Ion:131 Resp: 781940
Ion Ratio Lower Upper
131 100
133 97.0 77.3 115.9
119 65.9 53.0 79.6





#57
Chlorobenzene
Concen: 9.409 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

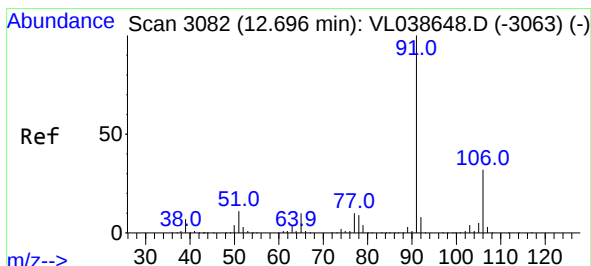
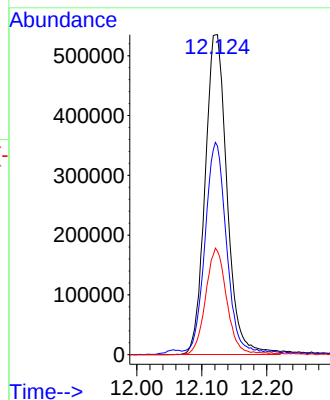
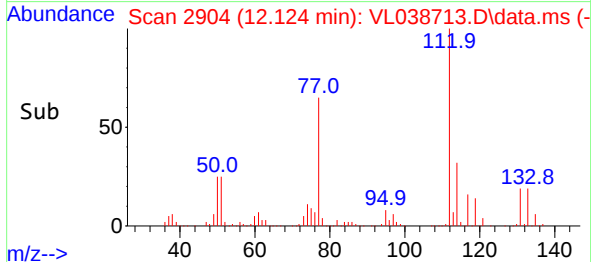
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



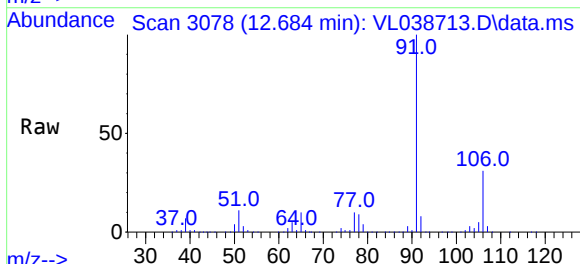
Tgt Ion:112 Resp: 126075
Ion Ratio Lower Upper
112 100
77 64.7 51.0 76.6
114 32.3 29.8 36.4

Manual Integrations
APPROVED

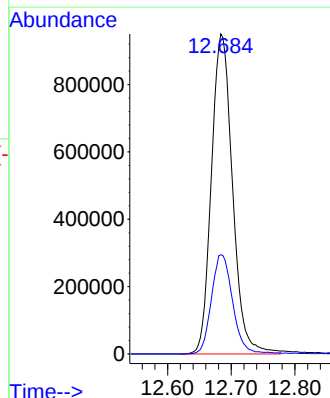
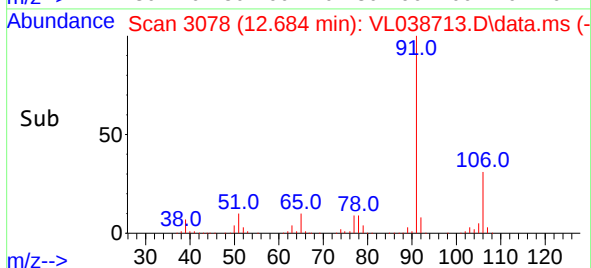
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

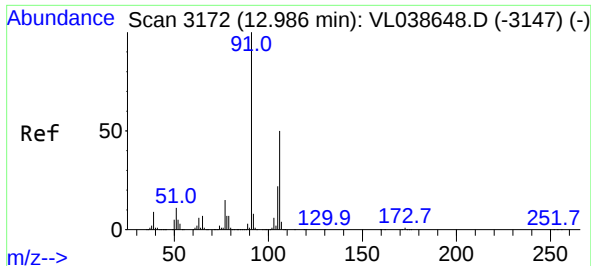


#58
Ethyl Benzene
Concen: 10.093 ppbv
RT: 12.684 min Scan# 3078
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 91 Resp: 2192101
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





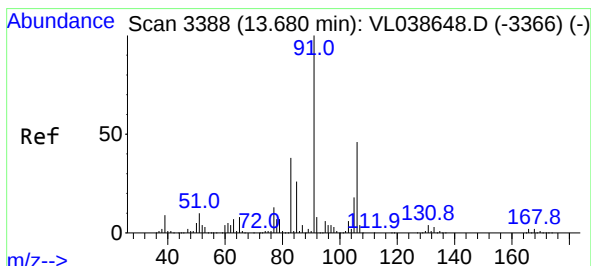
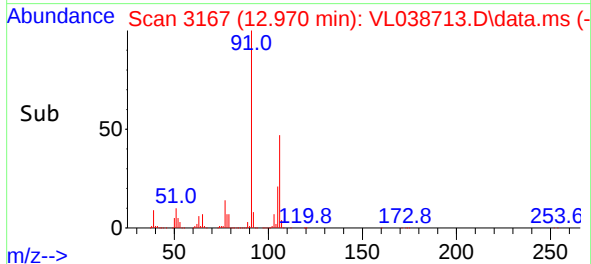
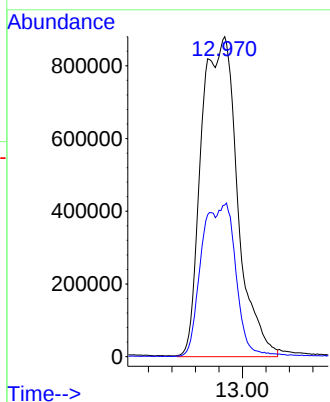
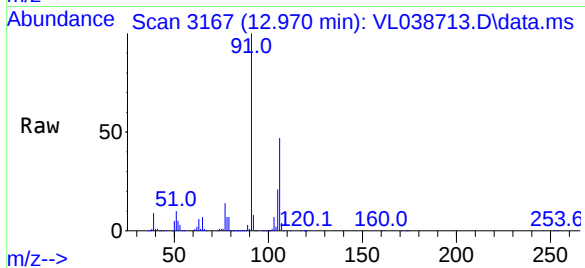
#59
m/p-Xylene
Concen: 19.696 ppbv m
RT: 12.970 min Scan# 3172
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3741824
Ion Ratio Lower Upper
91 100
106 45.9 37.2 55.8

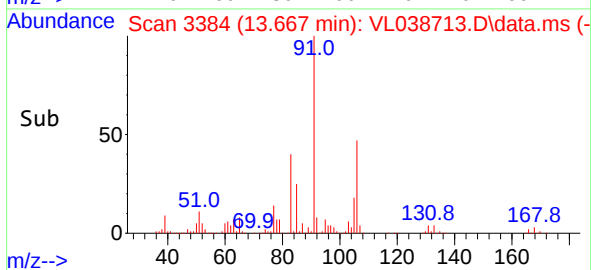
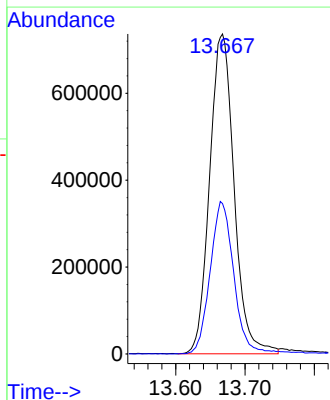
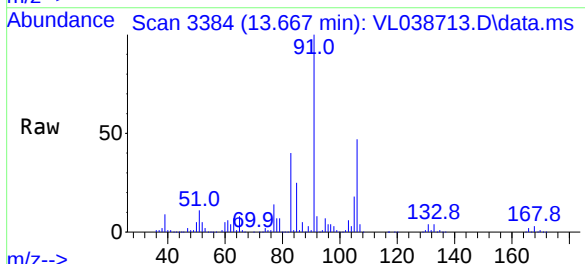
Manual Integrations
APPROVED

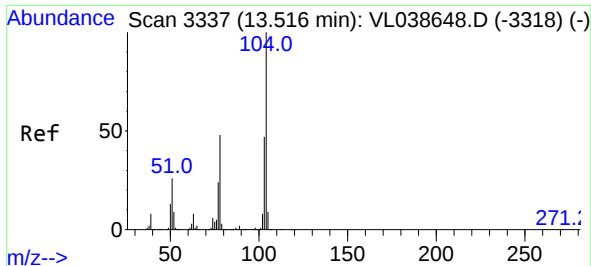
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#60
o-Xylene
Concen: 10.027 ppbv
RT: 13.667 min Scan# 3384
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

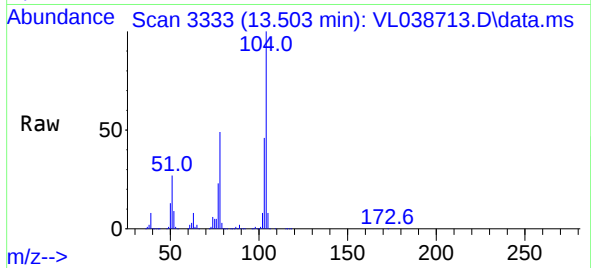
Tgt Ion: 91 Resp: 1808699
Ion Ratio Lower Upper
91 100
106 46.6 23.5 70.5





#61
Styrene
Concen: 11.034 ppbv
RT: 13.503 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

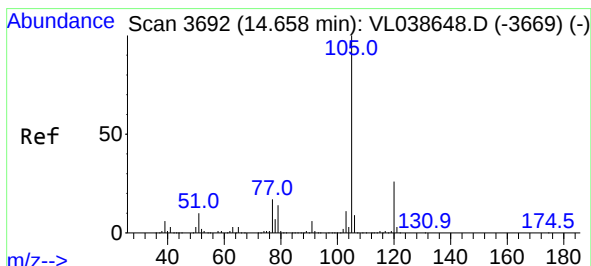
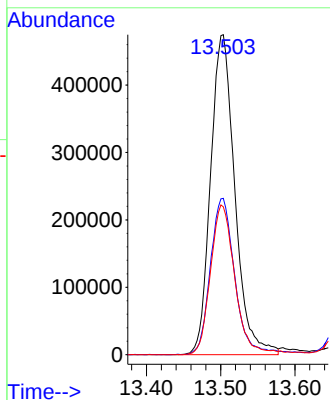
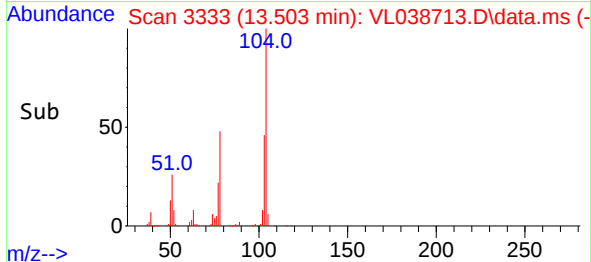
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



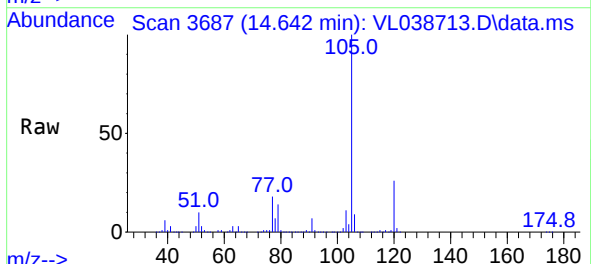
Tgt Ion:104 Resp: 107937
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.4
103 47.5 37.8 56.8

Manual Integrations
APPROVED

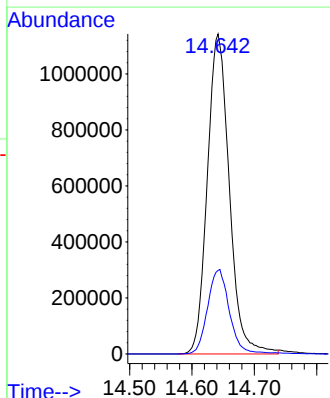
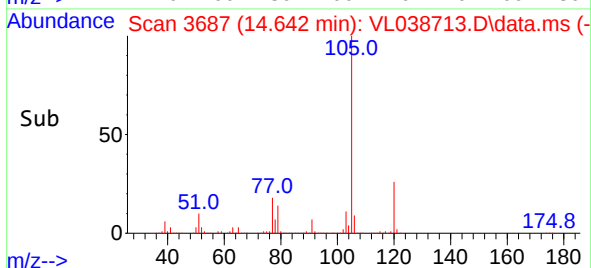
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

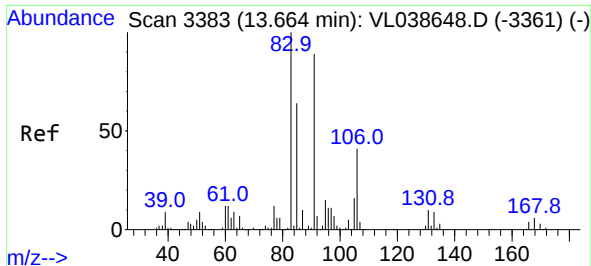


#62
Isopropylbenzene
Concen: 10.311 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



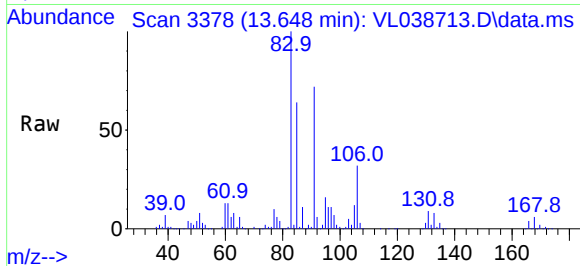
Tgt Ion:105 Resp: 2796147
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.142 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

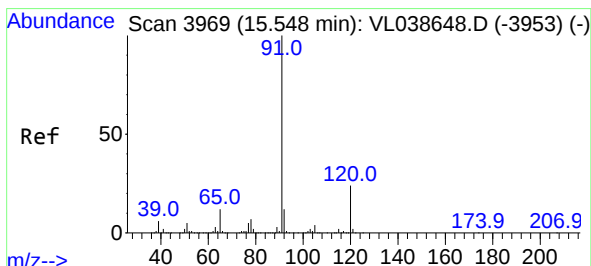
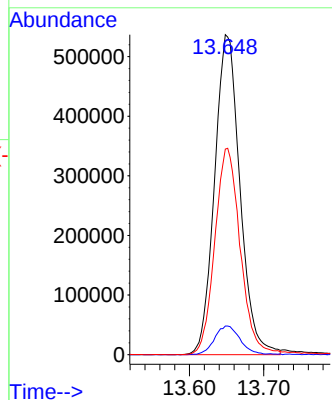
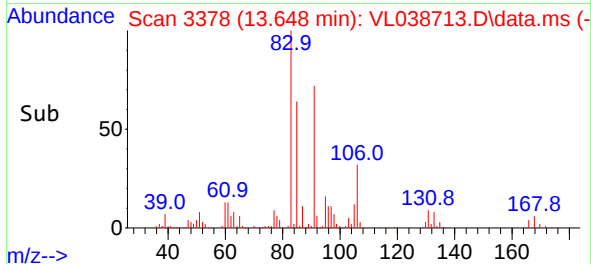
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



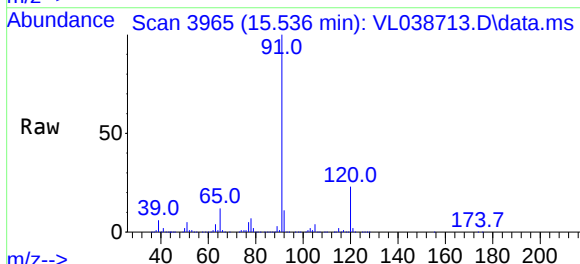
Tgt Ion: 83 Resp: 127734
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.3
85 65.7 32.6 97.8

Manual Integrations
APPROVED

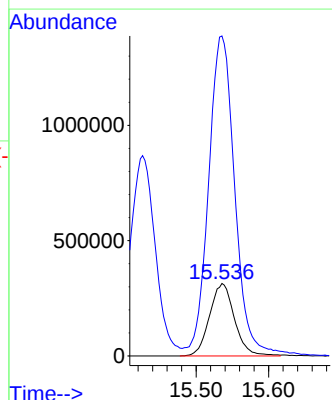
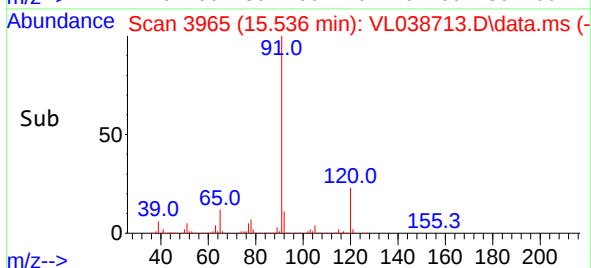
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

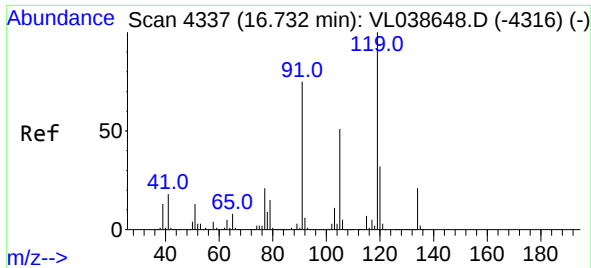


#64
n-propylbenzene
Concen: 10.542 ppbv
RT: 15.536 min Scan# 3965
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion:120 Resp: 750193
Ion Ratio Lower Upper
120 100
91 467.0 368.0 552.0





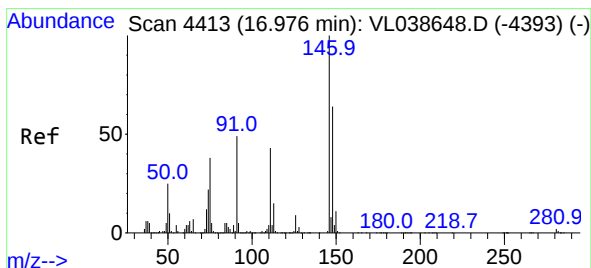
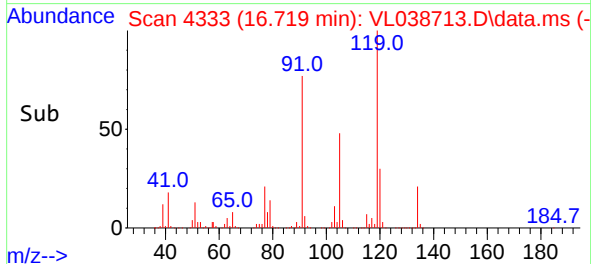
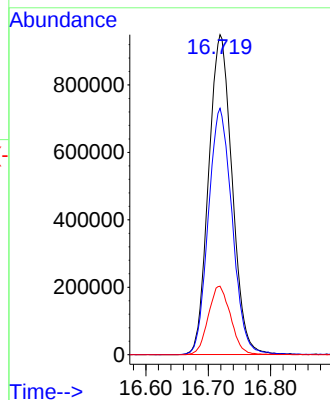
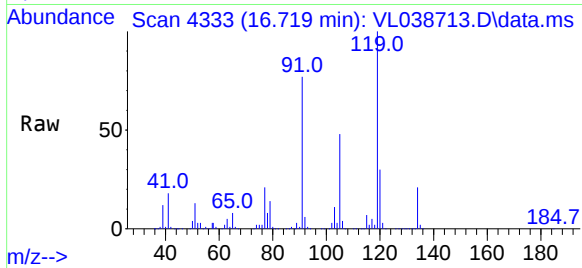
#65
tert-Butylbenzene
Concen: 10.176 ppbv
RT: 16.719 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 2479750
Ion Ratio Lower Upper
119 100
91 78.3 61.2 91.8
134 20.5 16.3 24.5

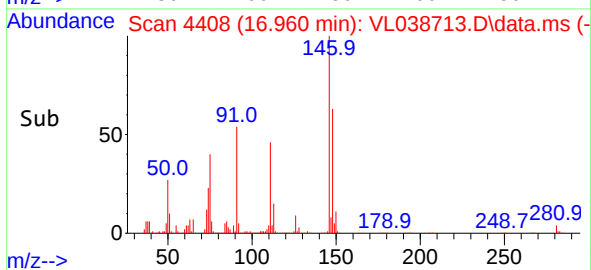
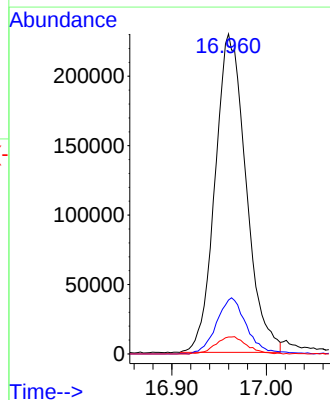
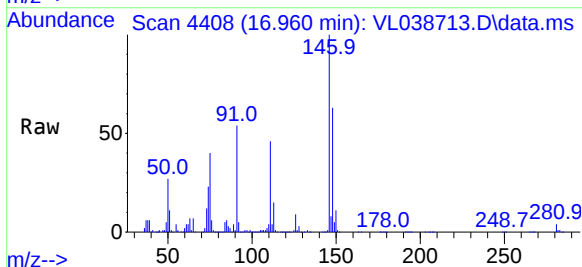
Manual Integrations
APPROVED

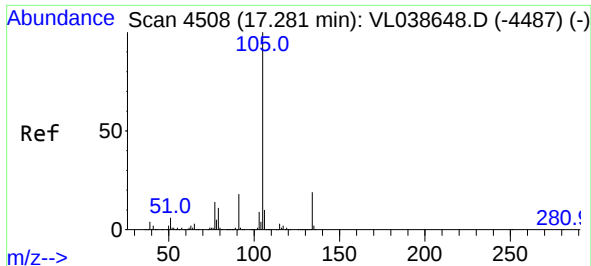
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Benzyl Chloride
Concen: 11.266 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

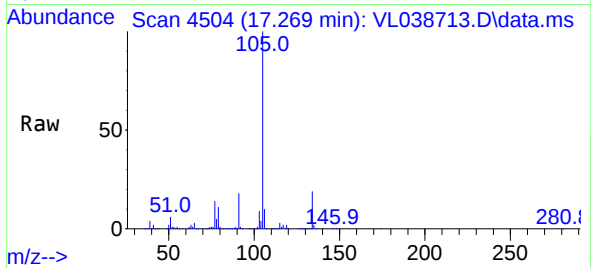
Tgt Ion: 91 Resp: 519813
Ion Ratio Lower Upper
91 100
126 17.5 14.3 21.5
128 5.5 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.284 ppbv
 RT: 17.269 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

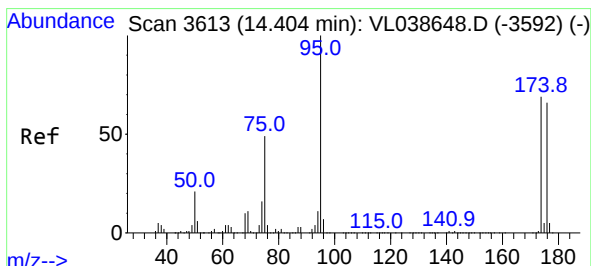
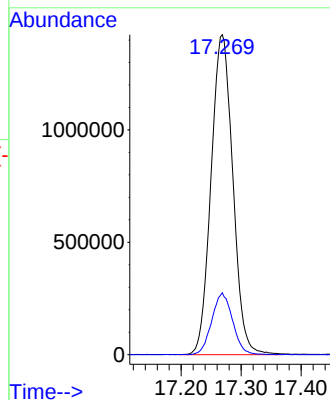
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 3583760
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.1 22.7

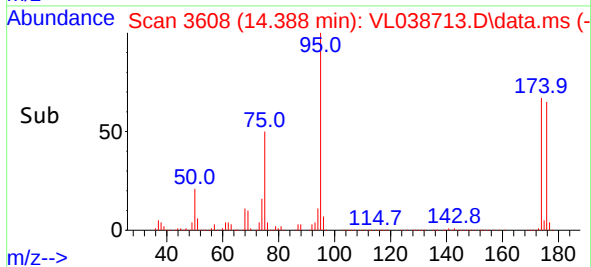
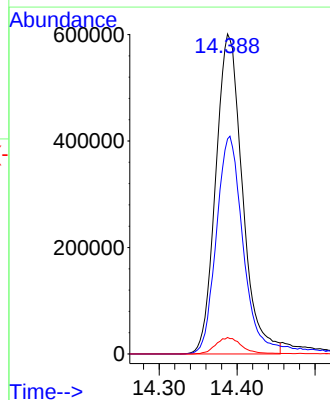
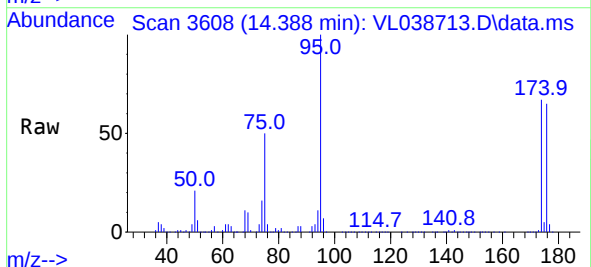
Manual Integrations
 APPROVED

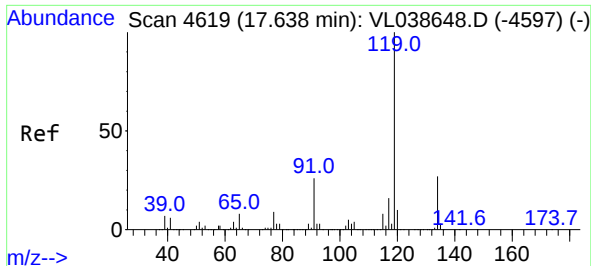
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.048 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. -0.016 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

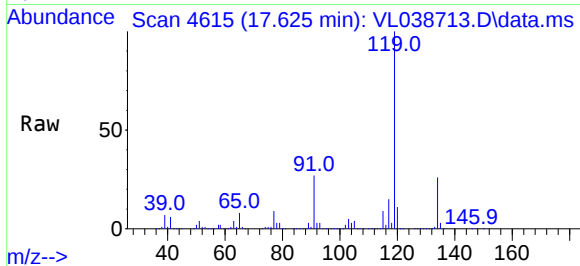
Tgt Ion: 95 Resp: 1431134
 Ion Ratio Lower Upper
 95 100
 174 71.0 56.1 84.1
 175 5.1 4.2 6.2





#69
p-Isopropyltoluene
Concen: 10.349 ppbv
RT: 17.625 min Scan# 4619
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

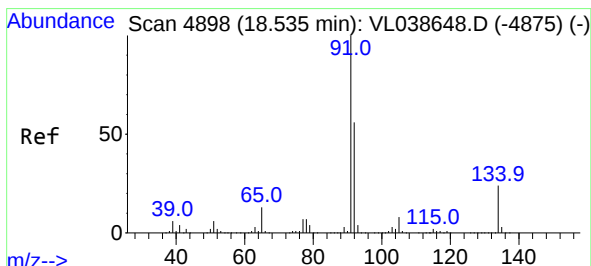
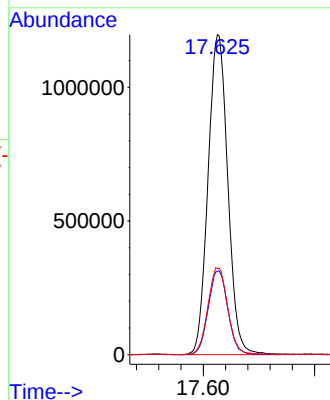
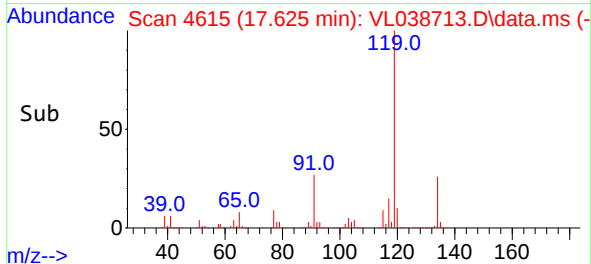
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



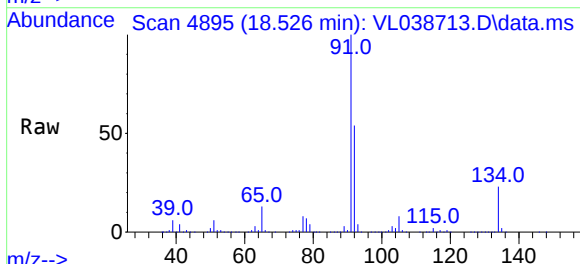
Tgt Ion:119 Resp: 2943415
Ion Ratio Lower Upper
119 100
134 26.2 21.2 31.8
91 27.1 21.4 32.2

Manual Integrations
APPROVED

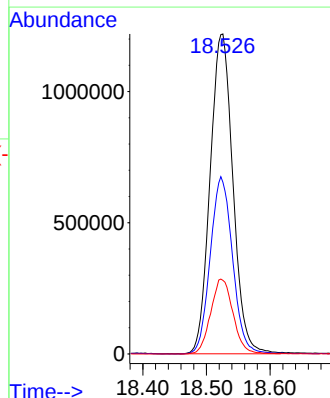
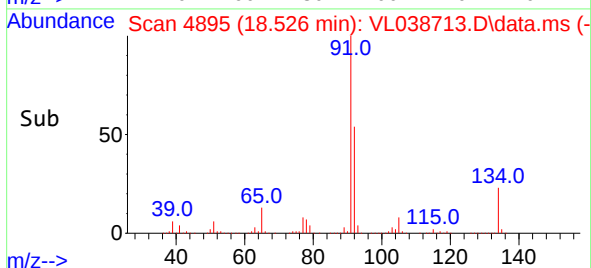
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

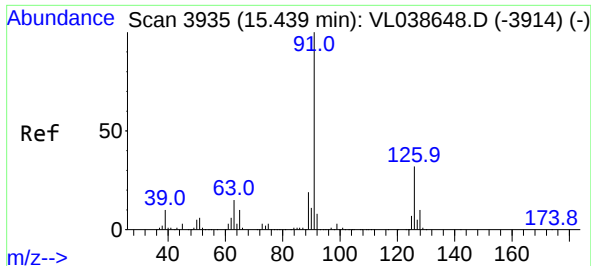


#70
n-Butylbenzene
Concen: 10.343 ppbv
RT: 18.526 min Scan# 4895
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



Tgt Ion: 91 Resp: 3034062
Ion Ratio Lower Upper
91 100
92 54.6 43.9 65.9
134 23.1 18.7 28.1





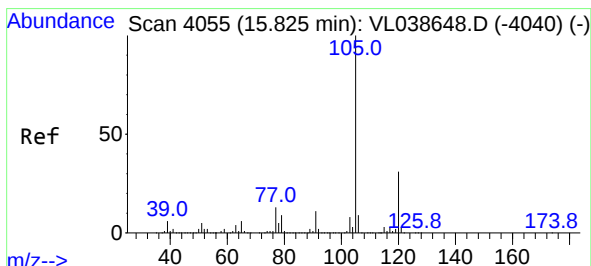
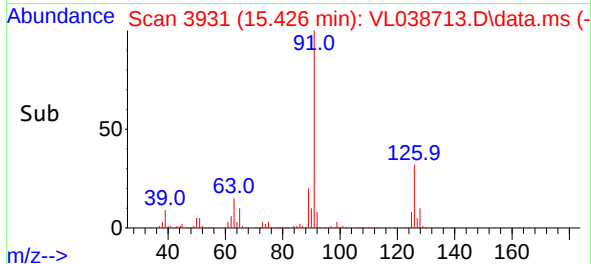
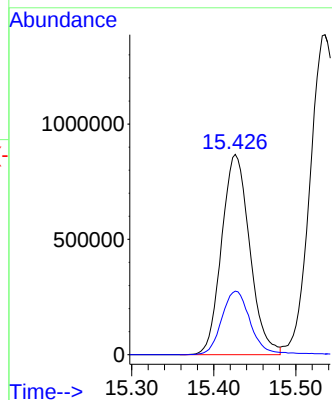
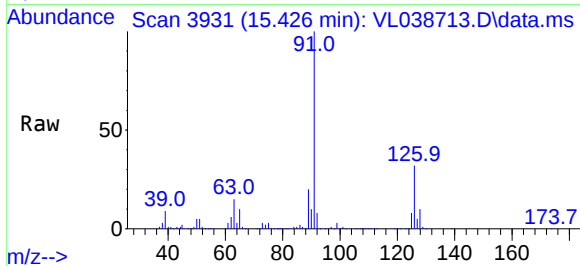
#71
2-Chlorotoluene
Concen: 10.289 ppbv
RT: 15.426 min Scan# 3931
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 207095
Ion Ratio Lower Upper
91 100
126 33.1 13.1 52.3

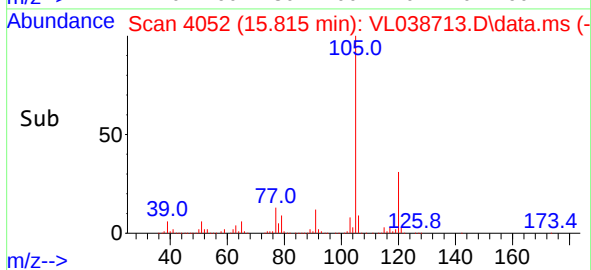
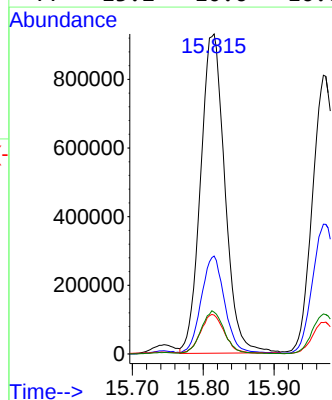
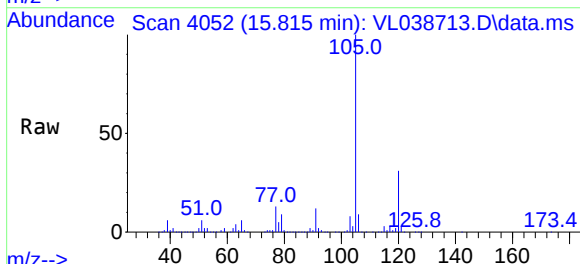
Manual Integrations
APPROVED

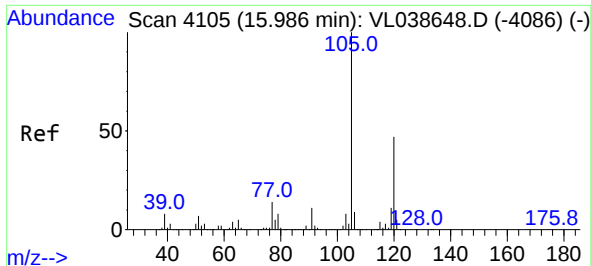
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#72
4-Ethyltoluene
Concen: 10.395 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. -0.010 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

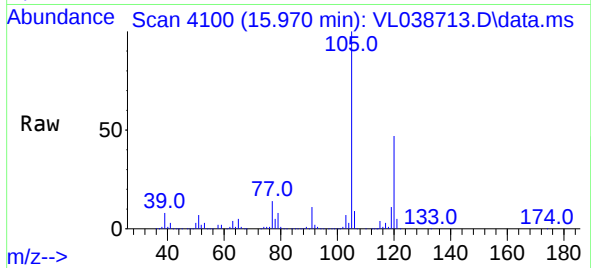
Tgt Ion:105 Resp: 2213550
Ion Ratio Lower Upper
105 100
120 30.0 24.9 37.3
91 12.1 9.8 14.6
77 13.2 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 9.894 ppbv
RT: 15.970 min Scan# 4105
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

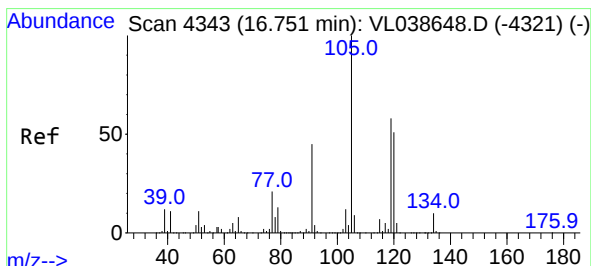
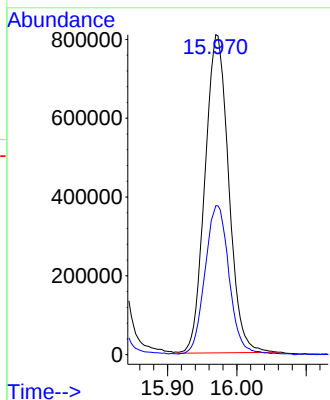
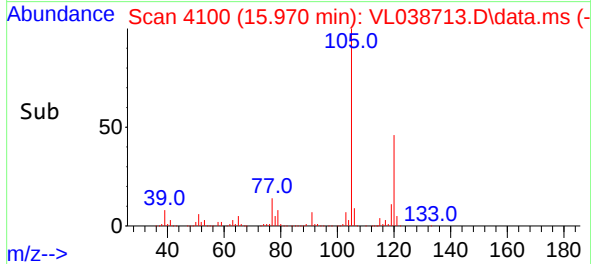
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



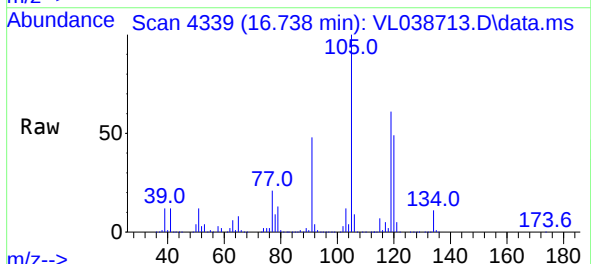
Tgt Ion:105 Resp: 191976
Ion Ratio Lower Upper
105 100
120 46.6 37.6 56.4

Manual Integrations
APPROVED

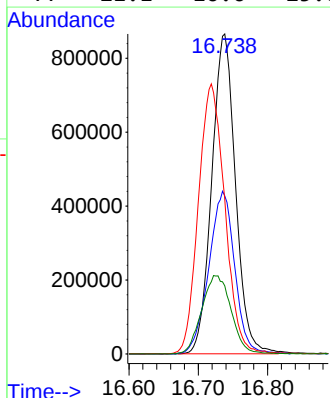
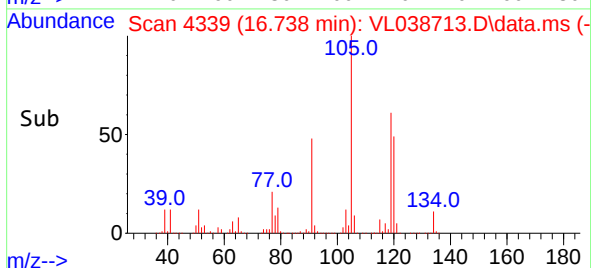
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

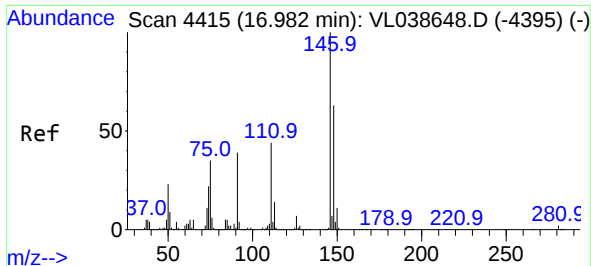


#74
1,2,4-Trimethylbenzene
Concen: 9.747 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



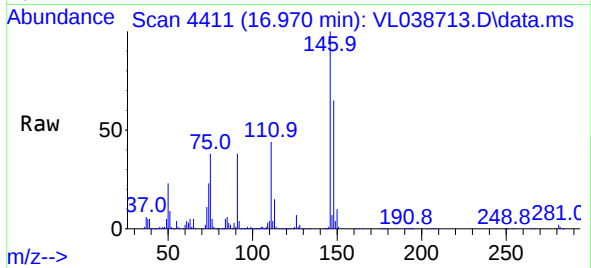
Tgt Ion:105 Resp: 2060002
Ion Ratio Lower Upper
105 100
120 49.2 40.5 60.7
91 48.1 35.9 53.9
77 21.1 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.424 ppbv
RT: 16.970 min Scan# 4411
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

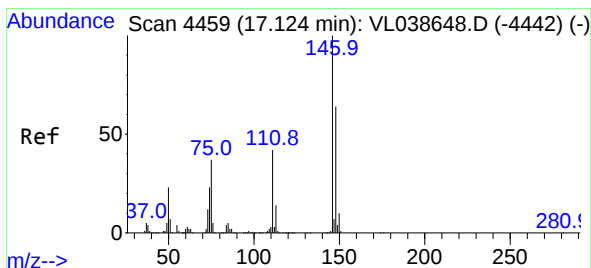
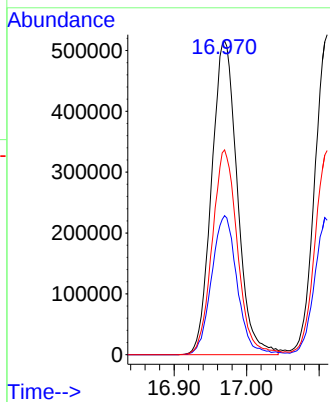
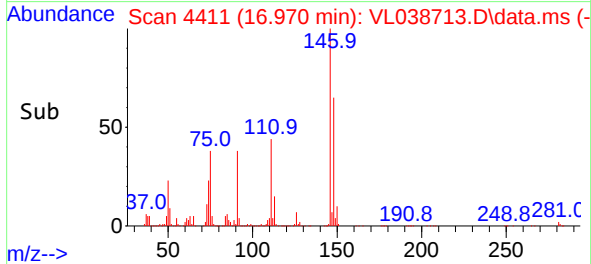
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



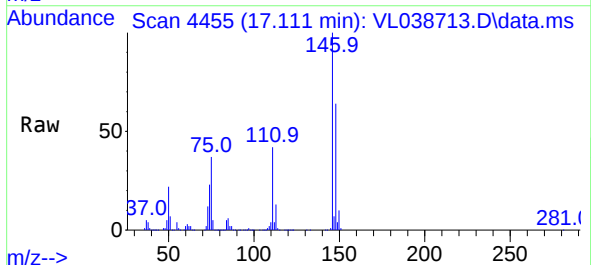
Tgt Ion:146 Resp: 1268670
Ion Ratio Lower Upper
146 100
111 44.3 22.2 66.6
148 64.2 32.5 97.5

Manual Integrations
APPROVED

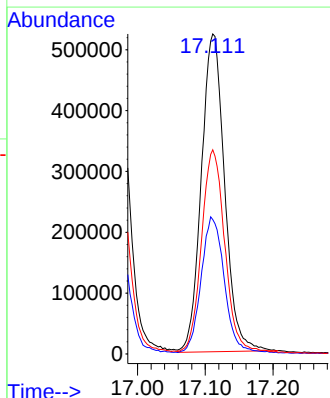
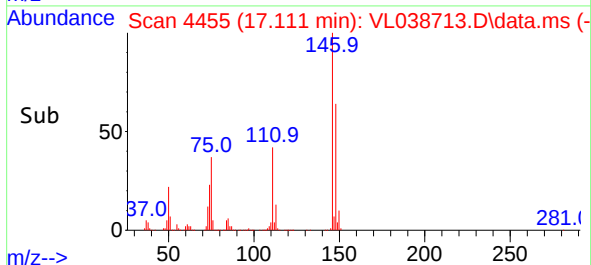
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

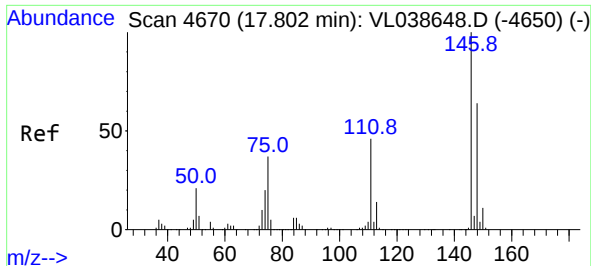


#76
1,4-Dichlorobenzene
Concen: 9.315 ppbv
RT: 17.111 min Scan# 4455
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



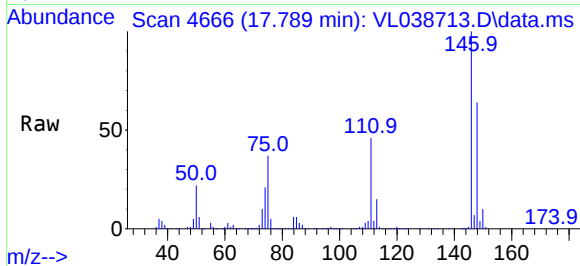
Tgt Ion:146 Resp: 1247039
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.2
148 65.6 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 9.249 ppbv
RT: 17.789 min Scan# 4666
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

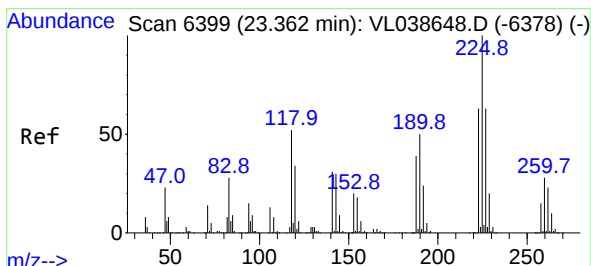
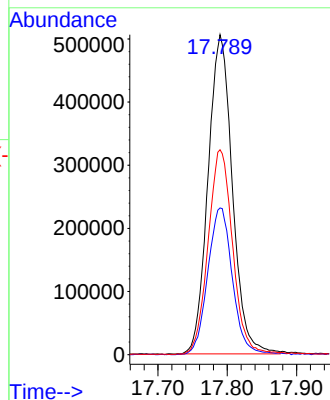
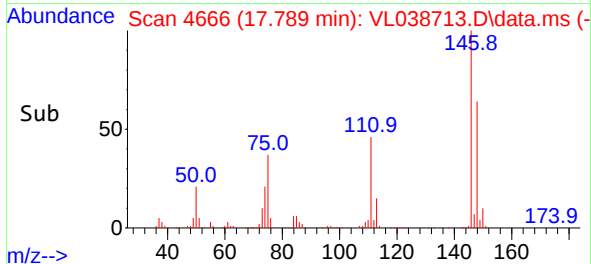
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



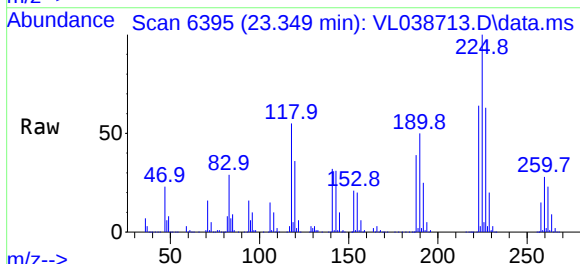
Tgt Ion:146 Resp: 123337
Ion Ratio Lower Upper
146 100
111 46.9 22.8 68.4
148 65.0 32.5 97.4

Manual Integrations
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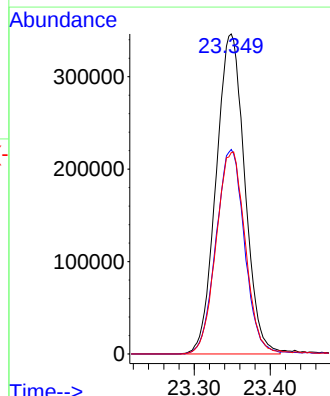
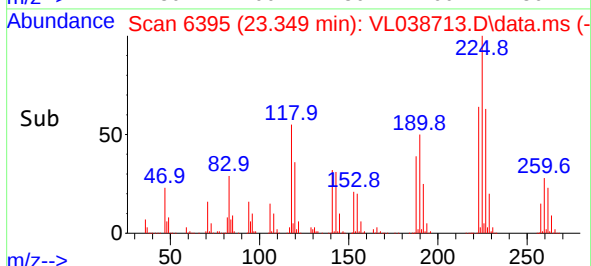
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

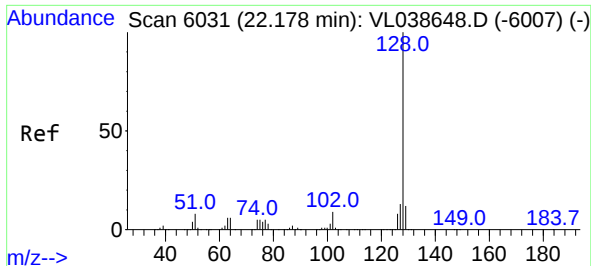


#78
Hexachloro-1,3-Butadiene
Concen: 7.343 ppbv
RT: 23.349 min Scan# 6395
Delta R.T. -0.013 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



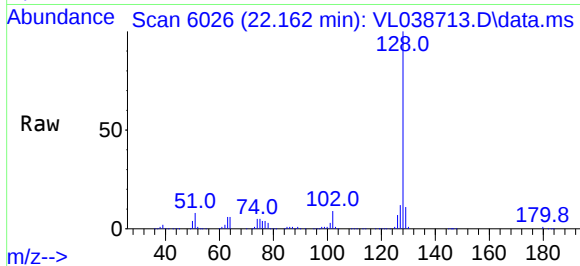
Tgt Ion:225 Resp: 905118
Ion Ratio Lower Upper
225 100
223 64.3 51.0 76.6
227 64.8 51.5 77.3





#79
Naphthalene
Concen: 10.133 ppbv
RT: 22.162 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10

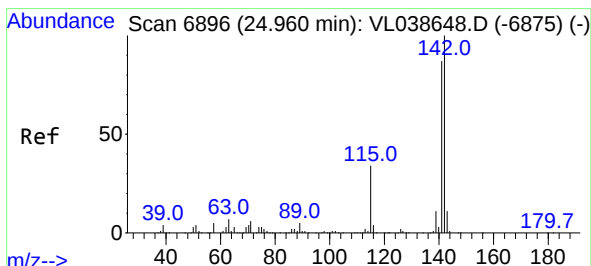
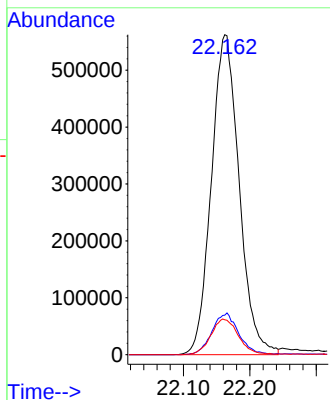
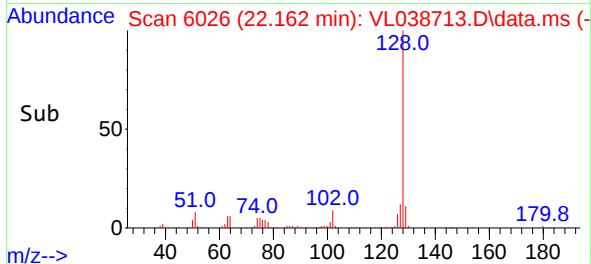
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



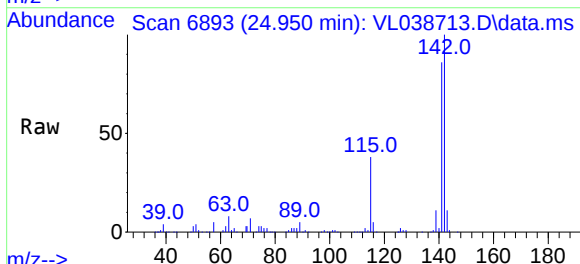
Tgt Ion:128 Resp: 163617
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.9 9.2 13.8

Manual Integrations
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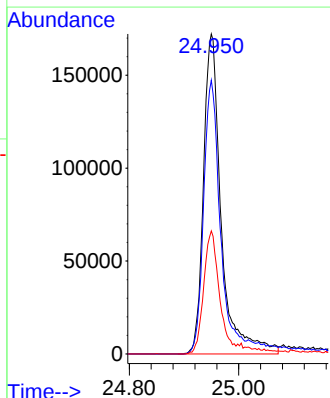
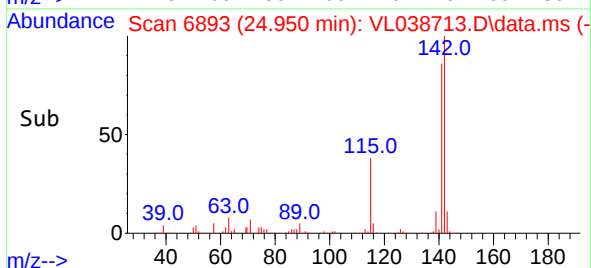
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

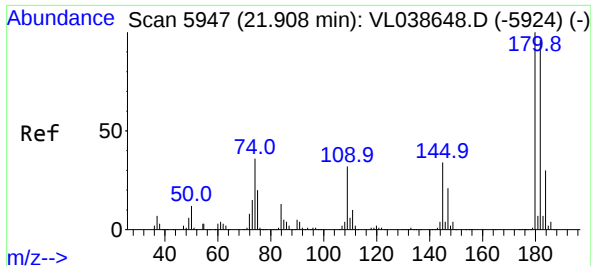


#80
Naphthalene,2-methyl-
Concen: 8.956 ppbv
RT: 24.950 min Scan# 6893
Delta R.T. -0.009 min
Lab File: VL038713.D
Acq: 23 Mar 2022 11:10



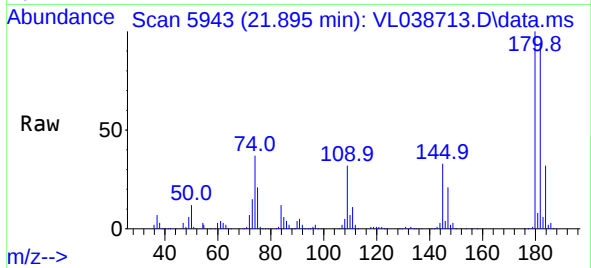
Tgt Ion:142 Resp: 387780
Ion Ratio Lower Upper
142 100
141 88.8 66.4 99.6
115 37.7 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 8.415 ppbv
 RT: 21.895 min Scan# 5943
 Delta R.T. -0.013 min
 Lab File: VL038713.D
 Acq: 23 Mar 2022 11:10

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 930183
 Ion Ratio Lower Upper
 180 100
 182 98.0 79.2 118.8
 184 31.1 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022

