

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038431.D
 Acq On : 24 Feb 2022 11:09
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 00:42:32 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.636	49	820309	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.140	114	2143743	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.044	117	2006487m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.372 95 1594141 9.602 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.031	85	1230666	9.472	ppbv	98
3) Chlorodifluoromethane	2.973	51	1516901	10.472	ppbv	100
4) Chloromethane	3.125	50	512119	10.175	ppbv	97
5) Vinyl Chloride	3.240	62	525968	9.996	ppbv	100
6) Bromomethane	3.456	94	291980	10.521	ppbv	97
7) Chloroethane	3.536	64	177764	10.519	ppbv	97
8) Dichlorotetrafluoroethane	3.170	85	1284307	10.627	ppbv	100
9) Propene	2.993	41	498838	10.430	ppbv	100
10) Heptane	8.086	43	1274835	10.950	ppbv	99
11) Trichlorofluoromethane	3.928	101	1309496	10.527	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.462	101	958128	10.506	ppbv	99
13) Ethanol	3.597	45	39206m	8.214	ppbv	
14) Bromoethene	3.719	108	380205	10.465	ppbv	100
15) Acetone	3.829	43	622149	8.919	ppbv	99
16) 1,3-Butadiene	3.311	39	507987	10.902	ppbv	98
17) tert-Butyl alcohol	4.263	59	816730	11.735	ppbv	100
18) 1,1-Dichloroethene	4.266	96	416219	10.395	ppbv	96
19) Isopropyl Alcohol	3.944	45	418849	10.369	ppbv #	97
20) Methylene Chloride	4.321	84	339907	9.834	ppbv	95
21) Allyl Chloride	4.388	41	617804	10.486	ppbv	99
22) trans-1,2-Dichloroethene	4.858	96	430630	10.660	ppbv	97
23) Vinyl Acetate	5.044	43	987560	10.683	ppbv	99
24) 1,1-Dichloroethane	4.983	63	875009	10.528	ppbv	100
25) Ethyl Acetate	5.649	43	1915905	10.223	ppbv	100
26) Hexane	5.655	57	877277	10.337	ppbv	98
27) Carbon Disulfide	4.523	76	1052538	11.149	ppbv	99
28) Methyl tert-Butyl Ether	5.005	73	928879	10.745	ppbv	99
29) Chloroform	5.719	83	1469341	10.607	ppbv	98
30) Cyclohexane	7.095	84	770712	11.103	ppbv	96
31) cis-1,2-Dichloroethene	5.517	61	656930	7.989	ppbv	94
32) 1,1,1-Trichloroethane	6.478	97	1481925	10.638	ppbv	99
34) 2-Butanone	5.214	43	661972	9.818	ppbv	97
35) Carbon Tetrachloride	6.983	117	1536019	10.190	ppbv	97
36) Benzene	6.857	78	1873036	9.925	ppbv	99
37) 1,2-Dichloroethane	6.276	62	1101319	10.099	ppbv	100
38) Trichloroethene	7.800	130	675411	9.825	ppbv	97
39) 1,2-Dichloropropane	7.578	63	741525	9.865	ppbv	97
40) 1,4-Dioxane	7.809	88	137093m	7.689	ppbv	
41) Tetrahydrofuran	6.018	42	467948	10.272	ppbv	100
42) Bromodichloromethane	7.755	83	1585681	10.069	ppbv	97
43) Methyl Methacrylate	7.976	69	700461	10.677	ppbv	99
44) 2,2,4-Trimethylpentane	7.832	57	3215570	9.913	ppbv	99
45) t-1,3-Dichloropropene	9.240	75	562306	10.724	ppbv	98

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Quant Time: Feb 25 00:42:32 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

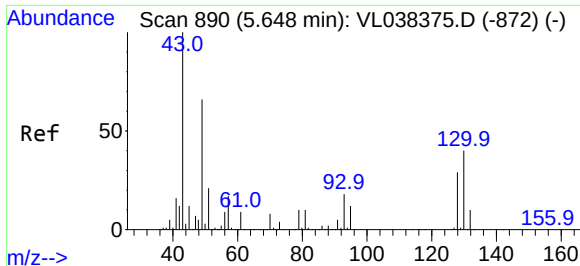
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

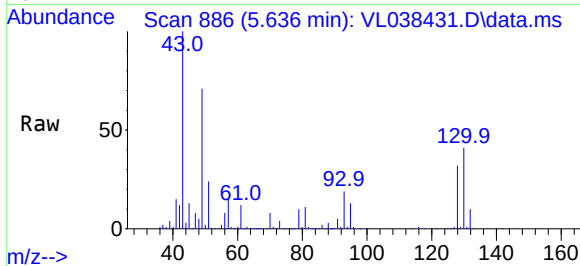
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.668	75	713186	10.378	ppbv	98
47) 1,1,2-Trichloroethane	9.433	97	736425	9.847	ppbv	97
48) Dibromochloromethane	10.266	129	1214551	9.932	ppbv	98
49) Bromoform	12.996	173	802603	8.892	ppbv	97
50) 4-Methyl-2-Pentanone	8.706	43	1276537	10.709	ppbv	99
51) 2-Hexanone	10.095	43	544501	10.203	ppbv #	100
52) Tetrachloroethene	11.182	164	571588	9.124	ppbv	96
53) Toluene	9.764	91	2066175	10.083	ppbv	99
54) 1,2-Dibromoethane	10.571	107	1045208	9.928	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.082	131	790321	9.450	ppbv	98
57) Chlorobenzene	12.105	112	1391121	8.986	ppbv	99
58) Ethyl Benzene	12.668	91	2621958	9.556	ppbv	98
59) m/p-Xylene	12.954	91	4404253m	18.690	ppbv	
60) o-Xylene	13.648	91	2024504	9.089	ppbv	99
61) Styrene	13.484	104	977146	9.511	ppbv	97
62) Isopropylbenzene	14.626	105	2662346	8.905	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.635	83	1357725	7.502	ppbv	98
64) n-propylbenzene	15.520	120	614848	8.306	ppbv	81
65) tert-Butylbenzene	16.703	119	2146436	8.289	ppbv	99
66) Benzyl Chloride	16.944	91	102292	7.310	ppbv	98
67) sec-Butylbenzene	17.253	105	2991597	8.154	ppbv	98
69) p-Isopropyltoluene	17.609	119	2399811	8.327	ppbv	99
70) n-Butylbenzene	18.507	91	2567170	8.608	ppbv	99
71) 2-Chlorotoluene	15.407	91	1861701	8.098	ppbv	98
72) 4-Ethyltoluene	15.796	105	2196636	8.950	ppbv	99
73) 1,3,5-Trimethylbenzene	15.954	105	1909211	8.566	ppbv	97
74) 1,2,4-Trimethylbenzene	16.719	105	1967581	8.361	ppbv	98
75) 1,3-Dichlorobenzene	16.950	146	1008435	7.651	ppbv	98
76) 1,4-Dichlorobenzene	17.092	146	991441	7.628	ppbv	99
77) 1,2-Dichlorobenzene	17.773	146	978978	7.716	ppbv	99
78) Hexachloro-1,3-Butadiene	23.333	225	809867	8.370	ppbv	99
79) Naphthalene	22.143	128	1510104	11.844	ppbv	98
80) Naphthalene,2-methyl-	24.937	142	242104	9.716	ppbv	96
81) 1,2,4-Trichlorobenzene	21.873	180	812101	10.534	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.636 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

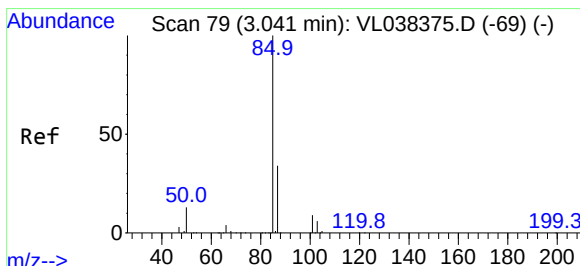
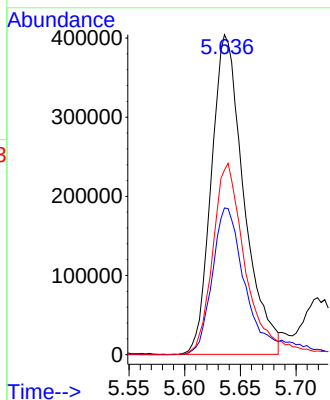
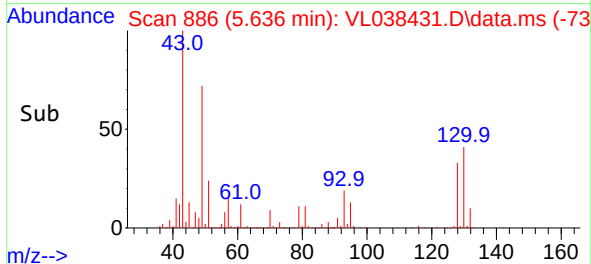
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



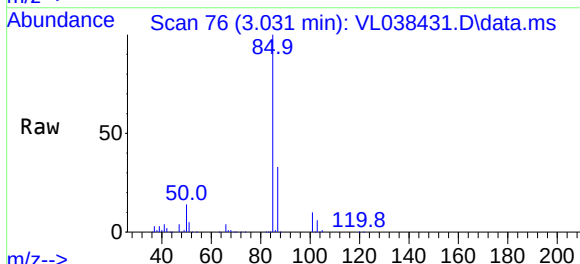
Tgt Ion: 49 Resp: 820309
Ion Ratio Lower Upper
49 100
128 50.2 24.3 72.9
130 62.2 30.1 90.5

Manual Integrations
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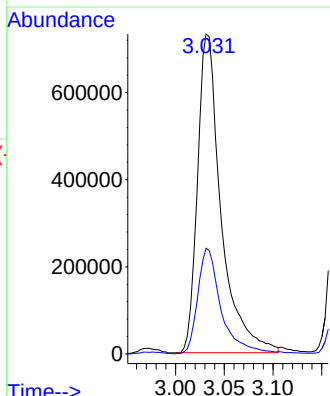
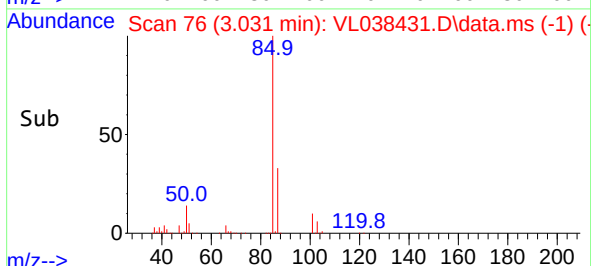
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

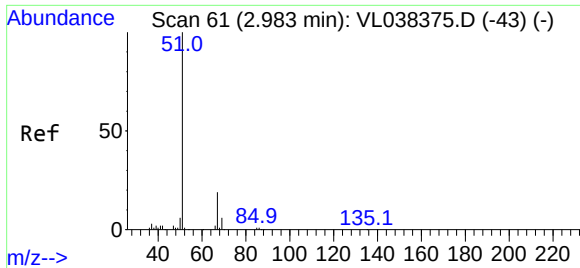


#2
Dichlorodifluoromethane
Concen: 9.472 ppbv
RT: 3.031 min Scan# 76
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



Tgt Ion: 85 Resp: 1230666
Ion Ratio Lower Upper
85 100
87 32.9 27.4 41.0





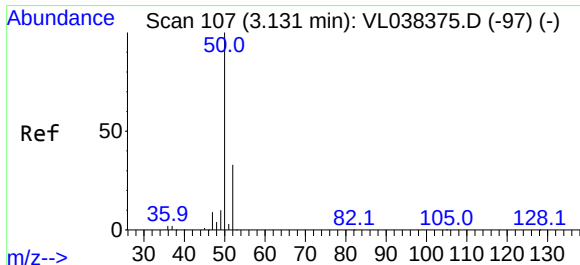
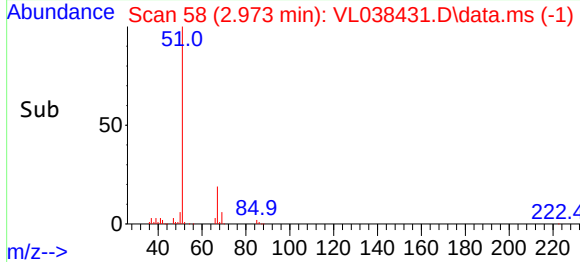
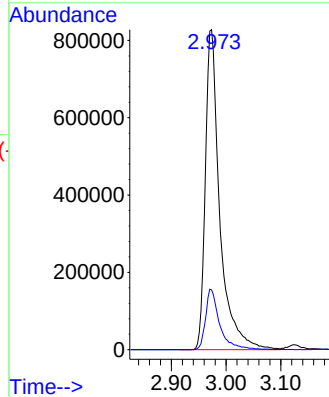
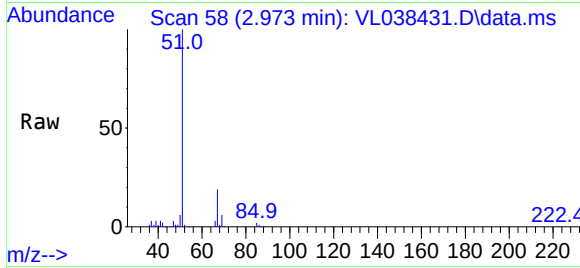
#3
Chlorodifluoromethane
Concen: 10.472 ppbv
RT: 2.973 min Scan# 51
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 151690
Ion Ratio Lower Upper
51 100
67 18.6 14.7 22.1

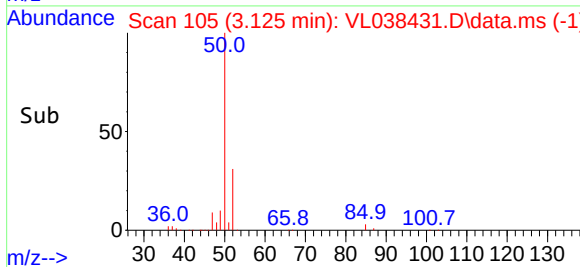
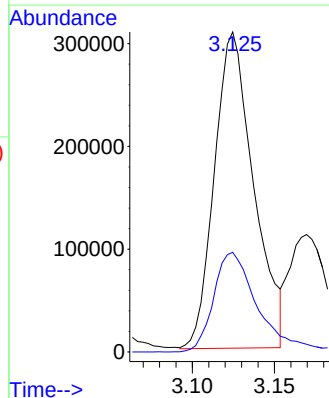
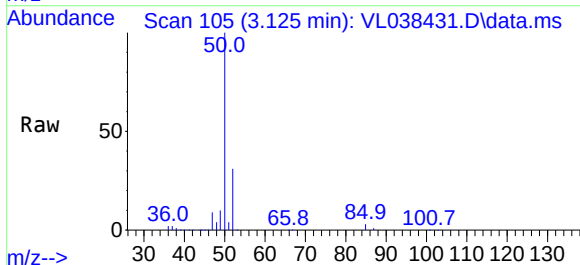
Manual Integrations
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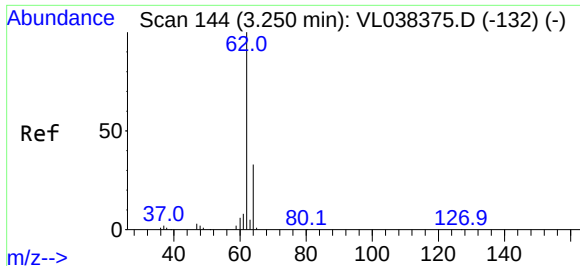
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#4
Chloromethane
Concen: 10.175 ppbv
RT: 3.125 min Scan# 105
Delta R.T. -0.006 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

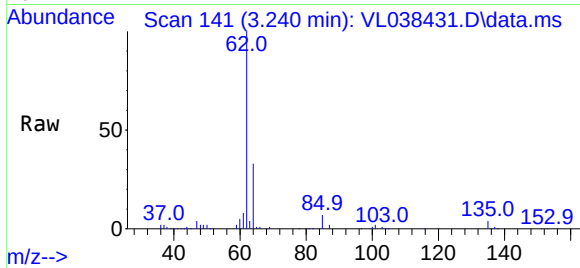
Tgt Ion: 50 Resp: 512119
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.996 ppbv
 RT: 3.240 min Scan# 144
 Delta R.T. -0.009 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

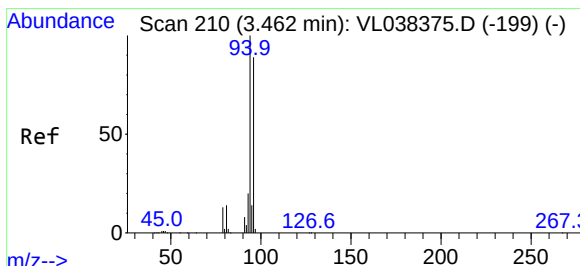
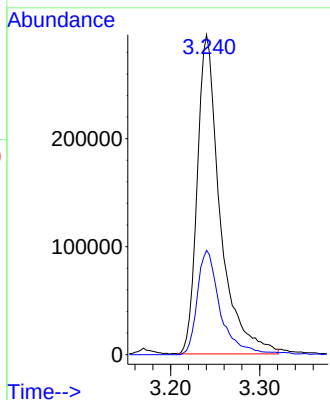
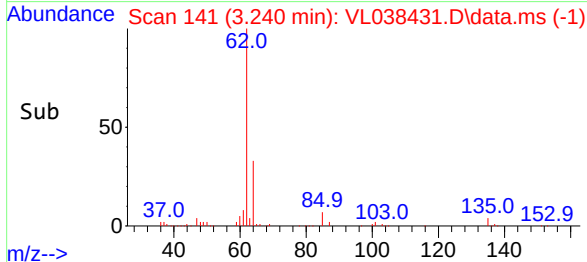
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 525968
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.2 39.2

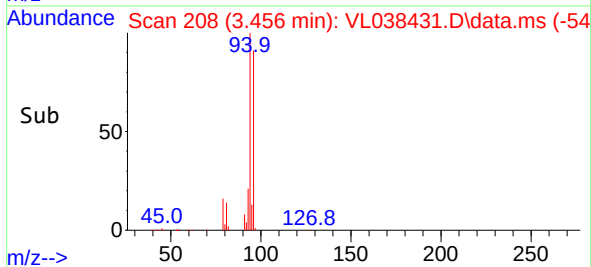
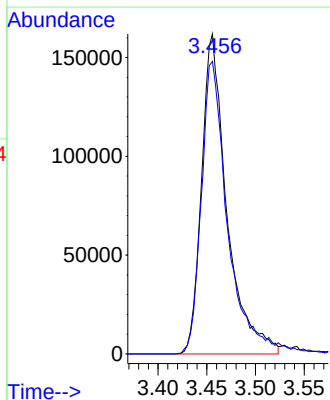
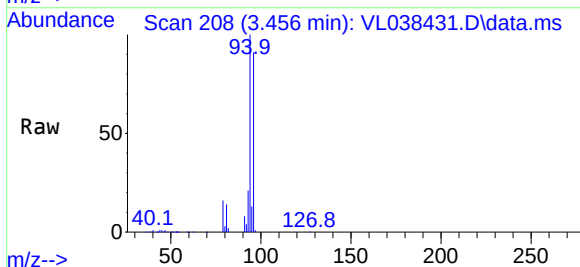
Manual Integrations
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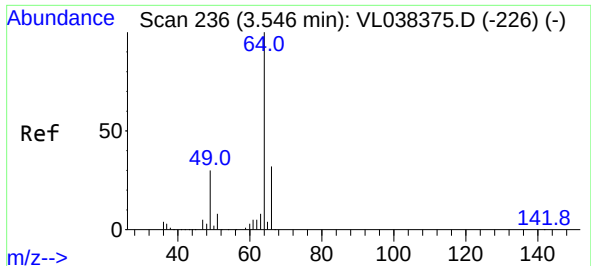
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#6
 Bromomethane
 Concen: 10.521 ppbv
 RT: 3.456 min Scan# 208
 Delta R.T. -0.006 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

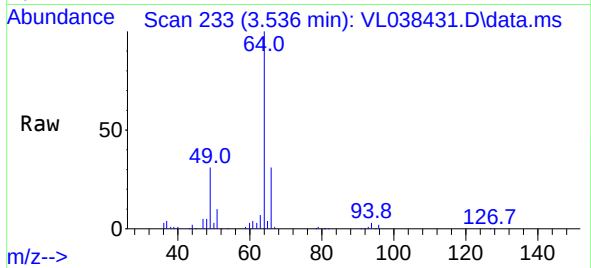
Tgt Ion: 94 Resp: 291980
 Ion Ratio Lower Upper
 94 100
 96 91.3 71.0 106.6





#7
Chloroethane
Concen: 10.519 ppbv
RT: 3.536 min Scan# 211
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

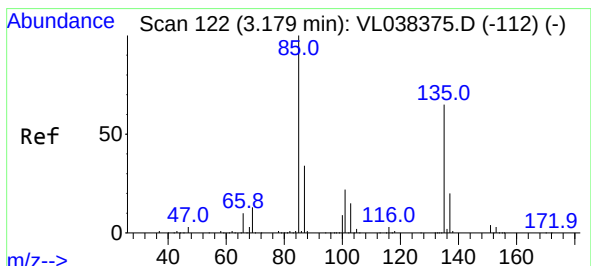
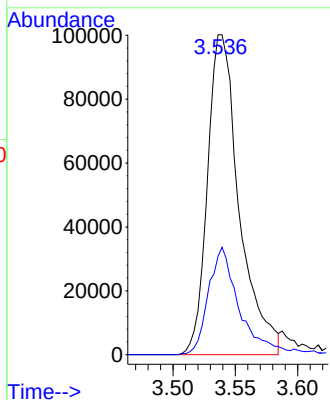
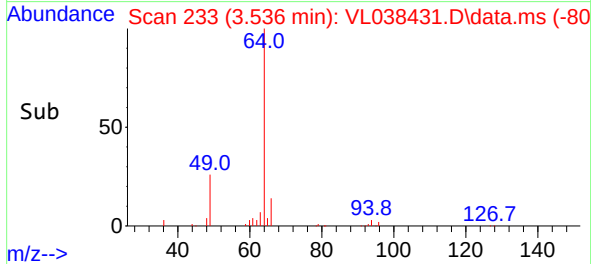
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



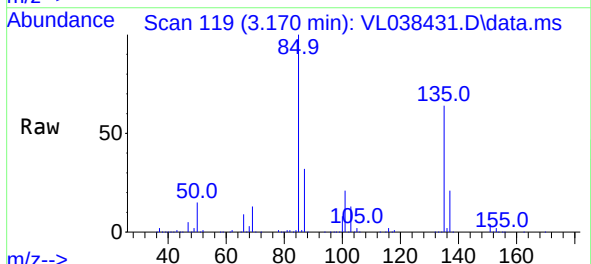
Tgt Ion: 64 Resp: 177764
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9

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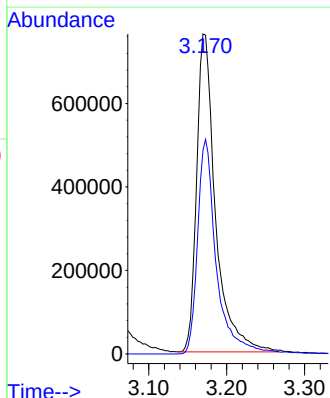
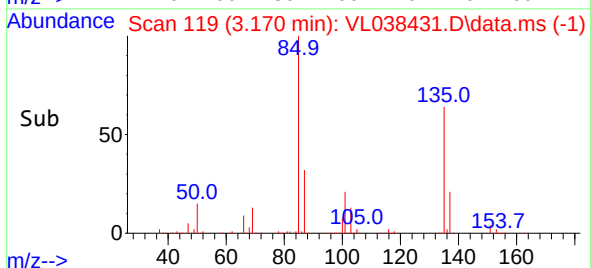
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

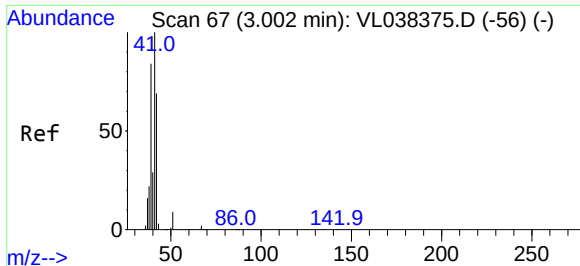


#8
Dichlorotetrafluoroethane
Concen: 10.627 ppbv
RT: 3.170 min Scan# 119
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



Tgt Ion: 85 Resp: 1284307
Ion Ratio Lower Upper
85 100
135 67.6 54.1 81.1





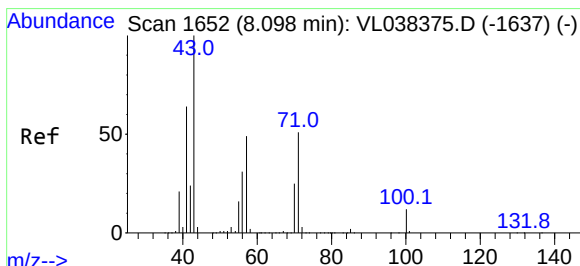
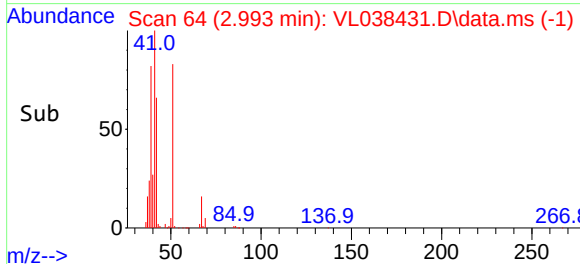
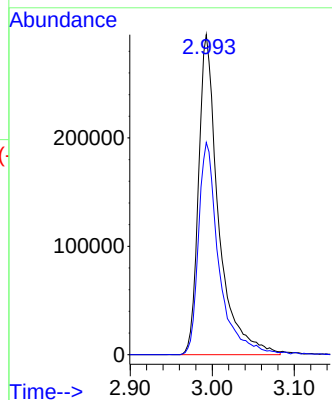
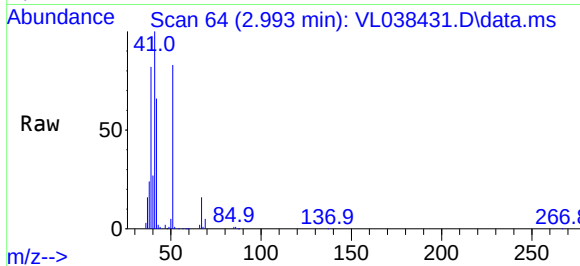
#9
Propene
Concen: 10.430 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 498838
Ion Ratio Lower Upper
41 100
42 68.7 54.6 82.0

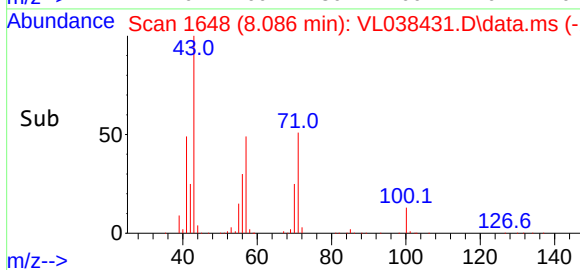
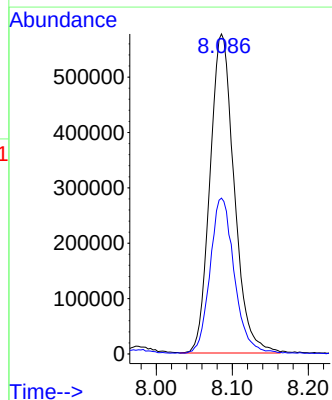
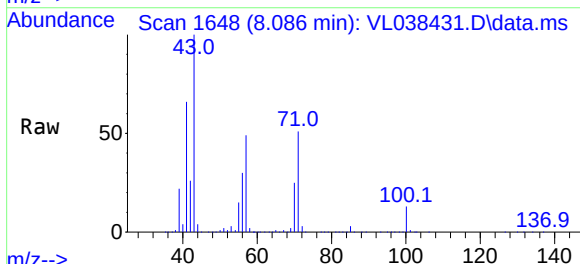
Manual Integrations
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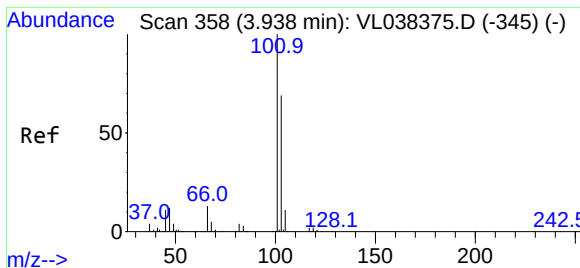
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#10
Heptane
Concen: 10.950 ppbv
RT: 8.086 min Scan# 1648
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

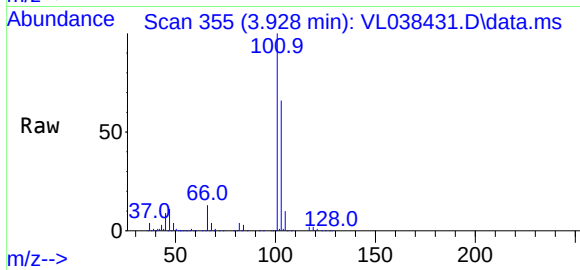
Tgt Ion: 43 Resp: 1274835
Ion Ratio Lower Upper
43 100
57 49.0 39.8 59.8





#11
Trichlorofluoromethane
Concen: 10.527 ppbv
RT: 3.928 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

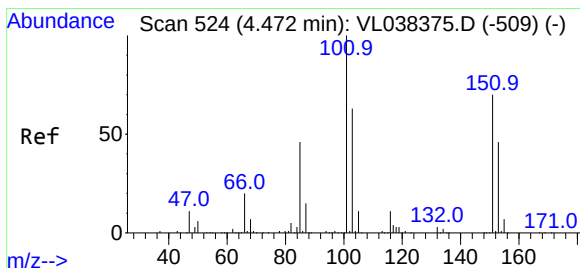
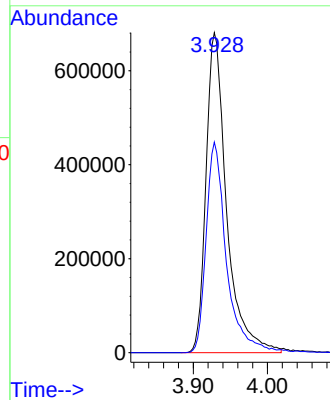
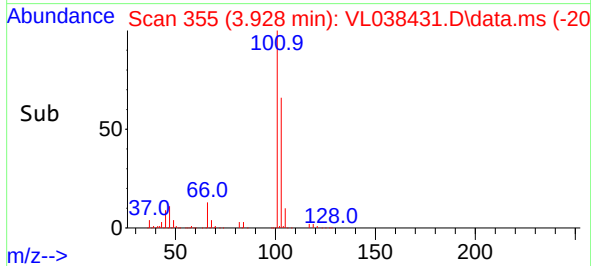
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



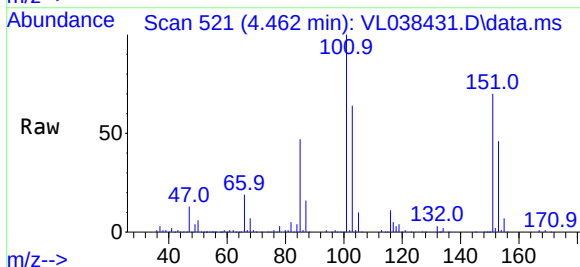
Tgt Ion:101 Resp: 1309490
Ion Ratio Lower Upper
101 100
103 65.8 55.0 82.4

Manual Integrations
APPROVED

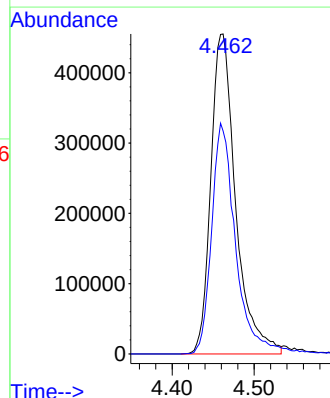
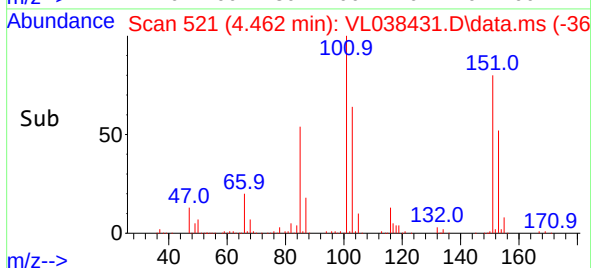
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

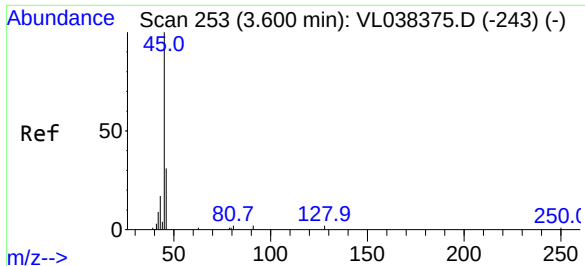


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.506 ppbv
RT: 4.462 min Scan# 521
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



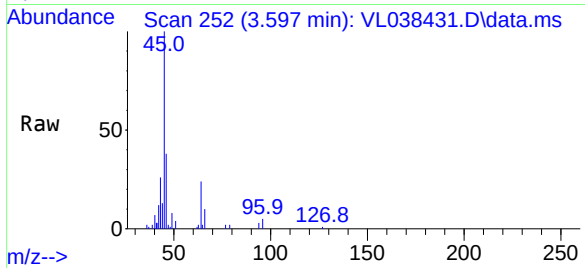
Tgt Ion:101 Resp: 958128
Ion Ratio Lower Upper
101 100
151 70.6 55.9 83.9





#13
Ethanol
Concen: 8.214 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

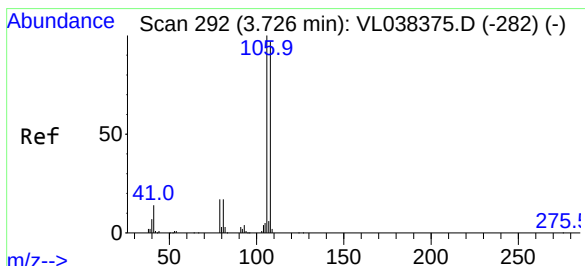
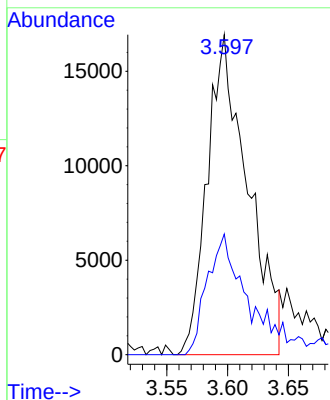
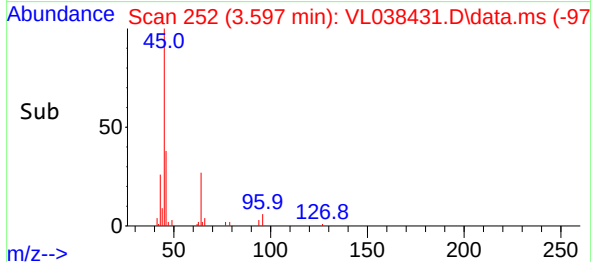
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



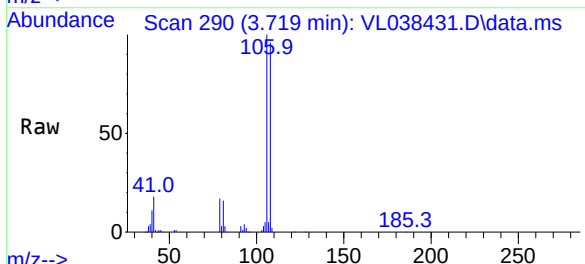
Tgt Ion: 45 Resp: 39200
Ion Ratio Lower Upper
45 100
46 41.2 18.2 72.8

Manual Integrations
APPROVED

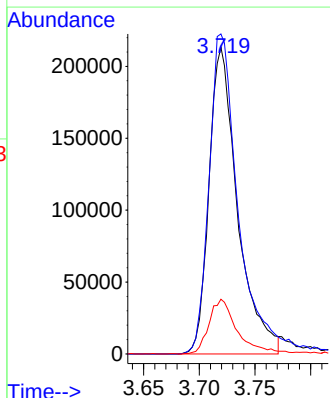
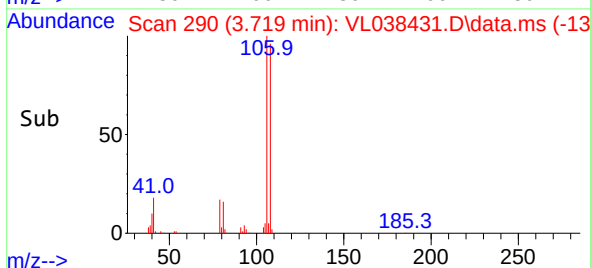
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

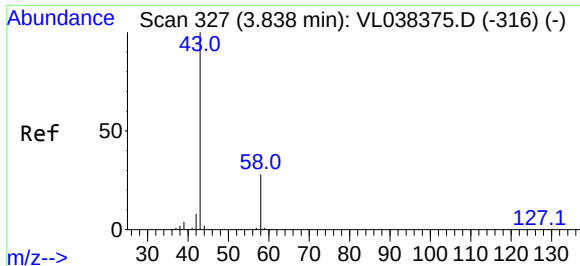


#14
Bromoethene
Concen: 10.465 ppbv
RT: 3.719 min Scan# 290
Delta R.T. -0.006 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



Tgt Ion:108 Resp: 380205
Ion Ratio Lower Upper
108 100
106 110.0 88.4 132.6
79 18.6 15.0 22.6





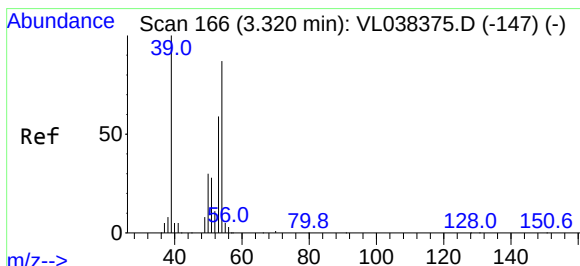
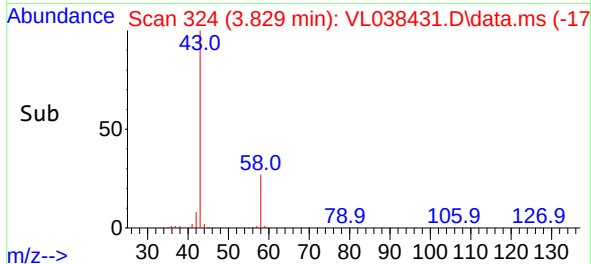
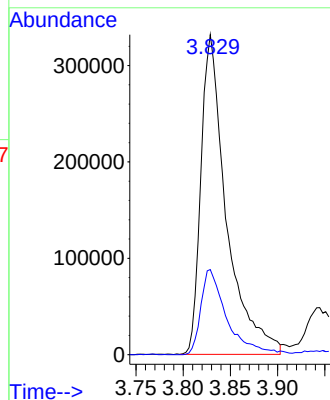
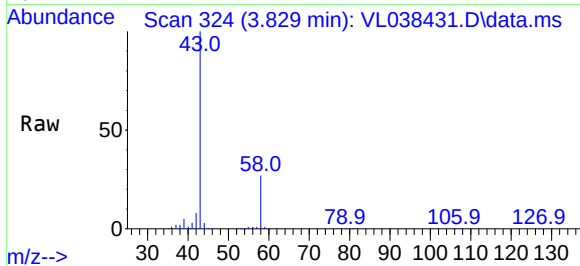
#15
Acetone
Concen: 8.919 ppbv
RT: 3.829 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 622149
Ion Ratio Lower Upper
43 100
58 27.4 21.7 32.5

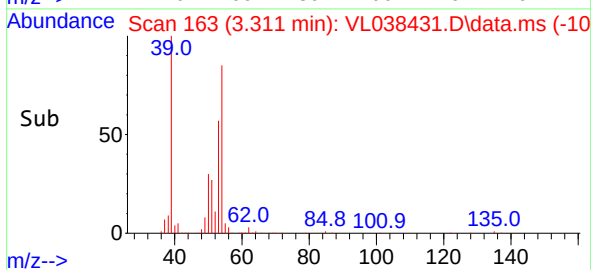
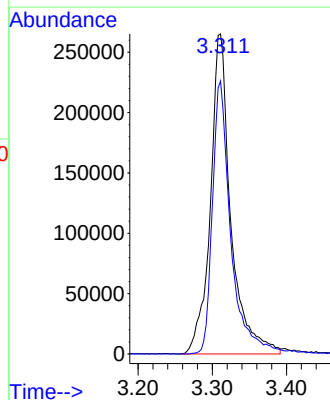
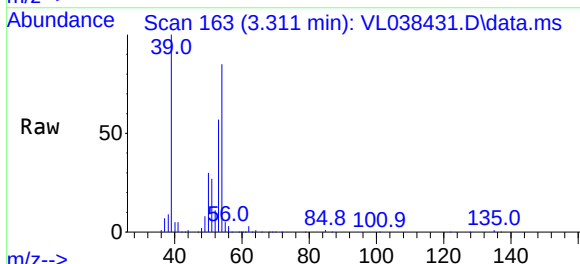
Manual Integrations
APPROVED

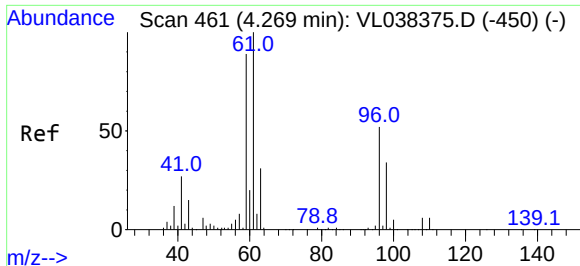
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#16
1,3-Butadiene
Concen: 10.902 ppbv
RT: 3.311 min Scan# 163
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

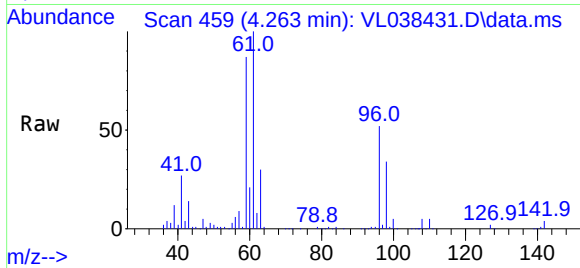
Tgt Ion: 39 Resp: 507987
Ion Ratio Lower Upper
39 100
54 77.5 60.3 90.5





#17
tert-Butyl alcohol
Concen: 11.735 ppbv
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

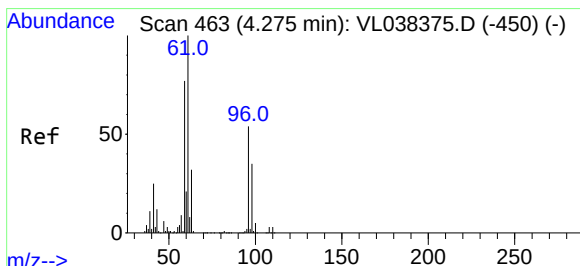
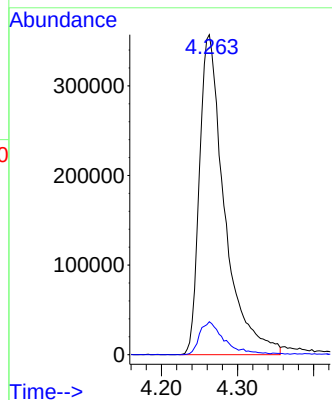
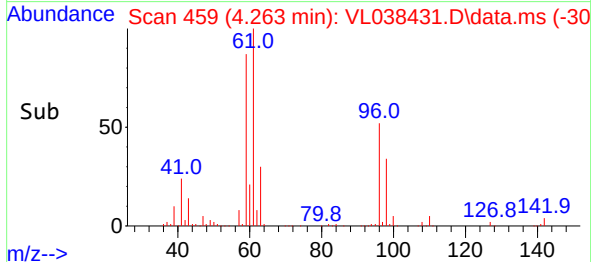
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



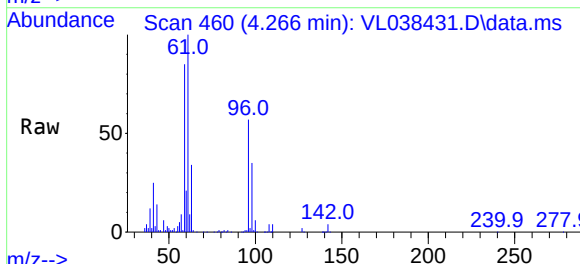
Tgt Ion: 59 Resp: 816730
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

Manual Integrations
APPROVED

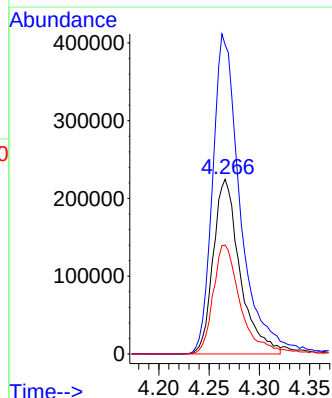
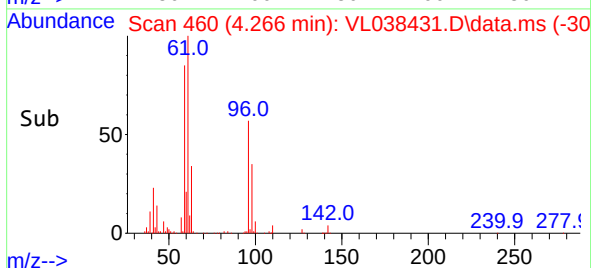
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

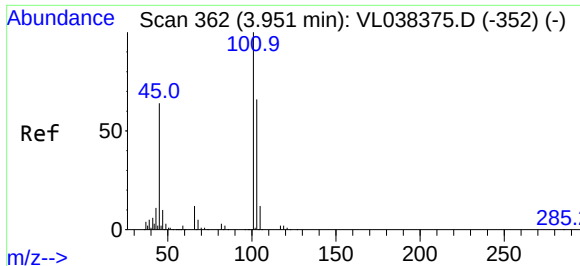


#18
1,1-Dichloroethene
Concen: 10.395 ppbv
RT: 4.266 min Scan# 460
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



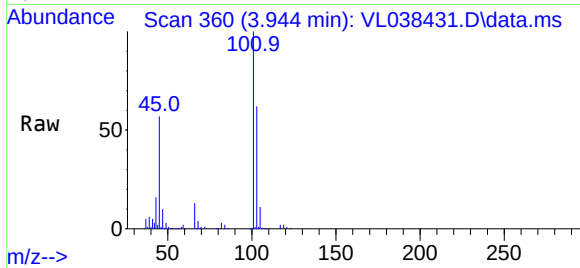
Tgt Ion: 96 Resp: 416219
Ion Ratio Lower Upper
96 100
61 176.9 146.8 220.2
98 62.2 51.5 77.3





#19
Isopropyl Alcohol
Concen: 10.369 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

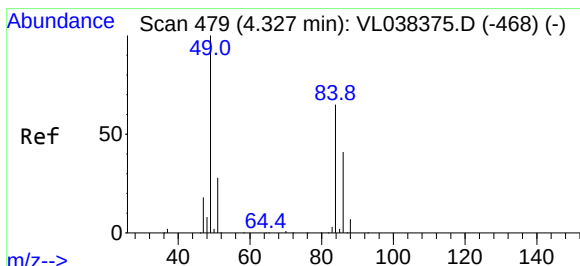
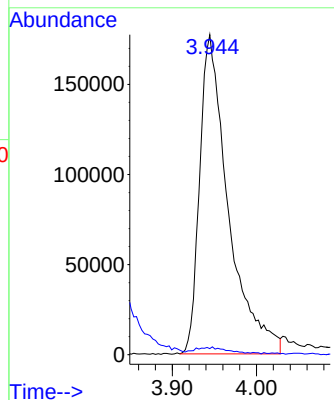
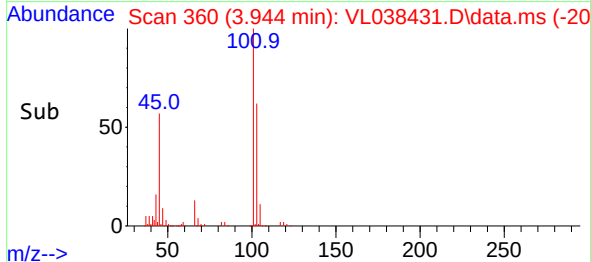
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 418849
Ion Ratio Lower Upper
45 100
58 3.4 1.8 2.8

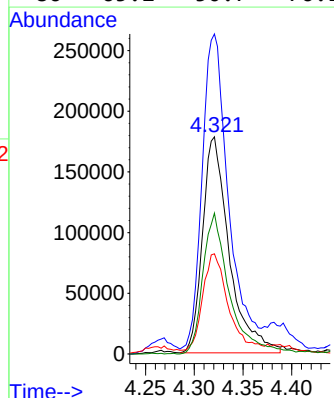
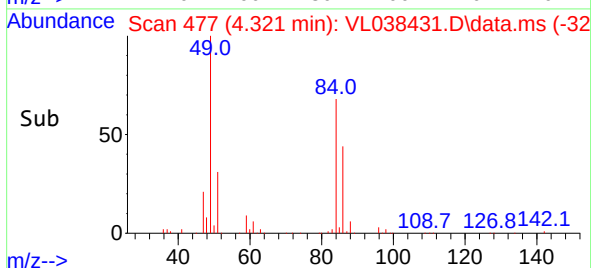
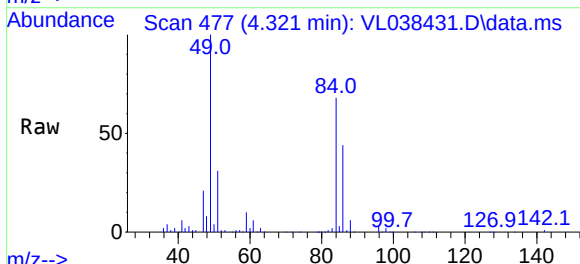
Manual Integrations
APPROVED

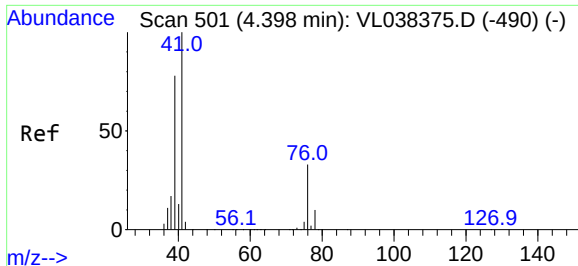
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#20
Methylene Chloride
Concen: 9.834 ppbv
RT: 4.321 min Scan# 477
Delta R.T. -0.006 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 84 Resp: 339907
Ion Ratio Lower Upper
84 100
49 145.8 122.4 183.6
51 44.6 33.3 49.9
86 65.2 50.7 76.1





#21

Allyl Chloride

Concen: 10.486 ppbv

RT: 4.388 min Scan# 498

Delta R.T. -0.009 min

Lab File: VL038431.D

Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

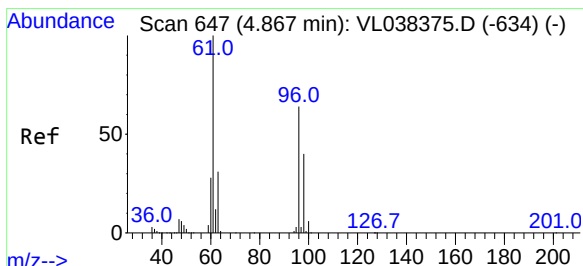
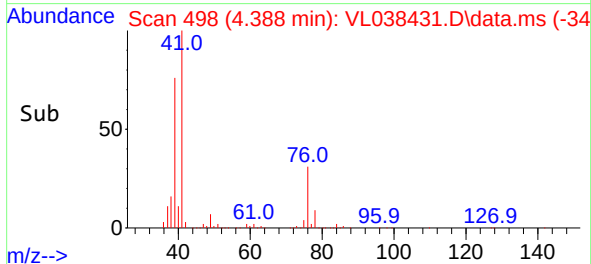
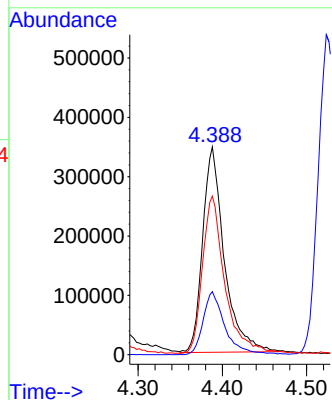
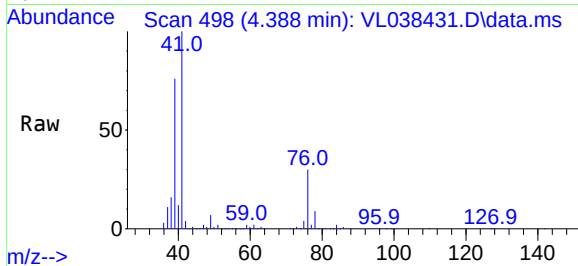
Tgt Ion: 41 Resp: 617804

Ion	Ratio	Lower	Upper
41	100		
76	31.0	25.4	38.0
39	79.6	63.0	94.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#22

trans-1,2-Dichloroethene

Concen: 10.660 ppbv

RT: 4.858 min Scan# 644

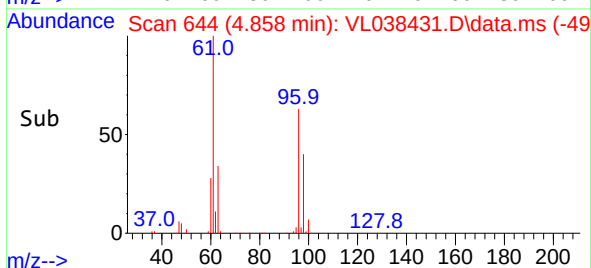
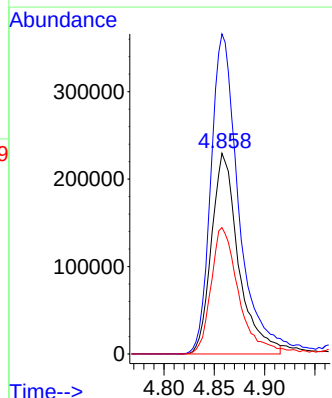
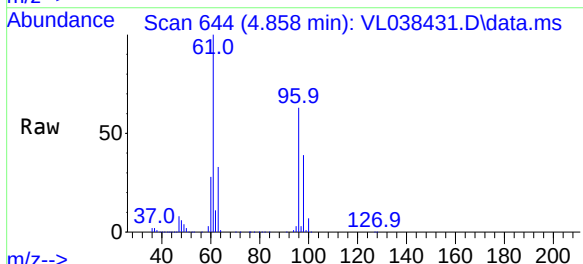
Delta R.T. -0.009 min

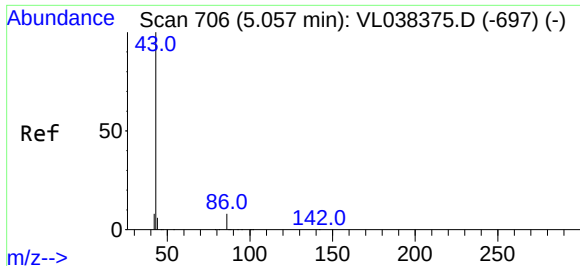
Lab File: VL038431.D

Acq: 24 Feb 2022 11:09

Tgt Ion: 96 Resp: 430630

Ion	Ratio	Lower	Upper
96	100		
61	159.5	124.2	186.4
98	63.0	49.1	73.7





#23
 Vinyl Acetate
 Concen: 10.683 ppbv
 RT: 5.044 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

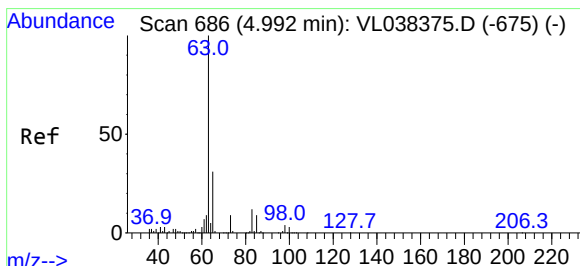
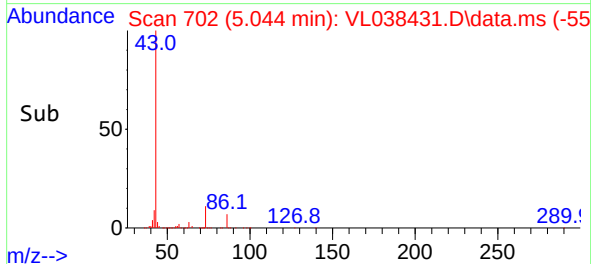
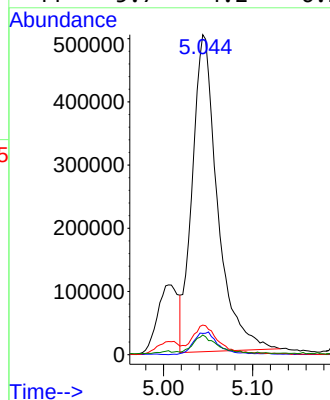
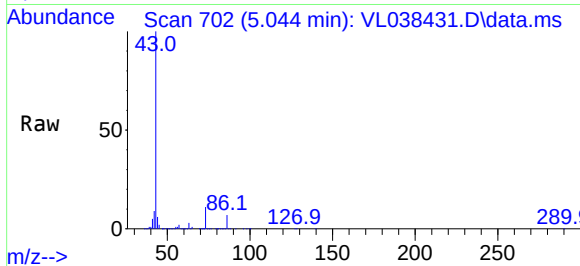
VSTDCCC010

Tgt Ion: 43 Resp: 987560
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.8 8.6
 42 9.1 7.4 11.0
 44 5.7 4.2 6.2

Manual Integrations

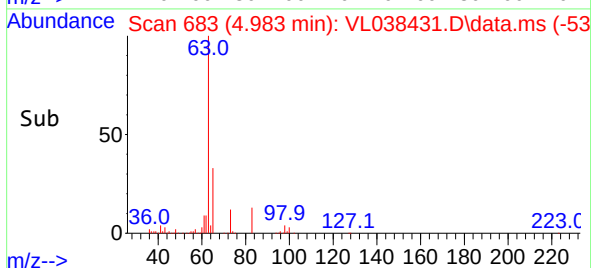
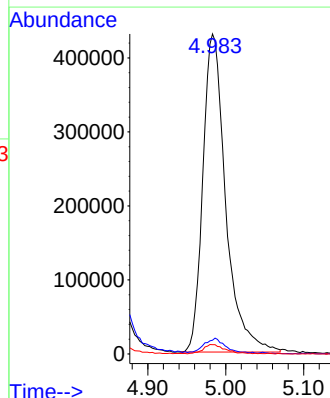
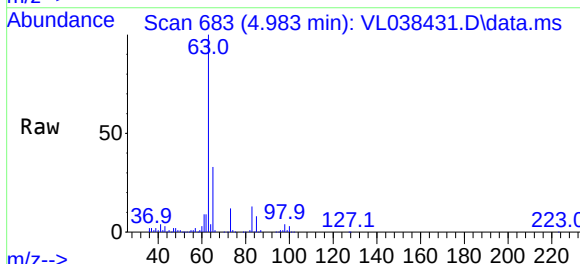
APPROVED

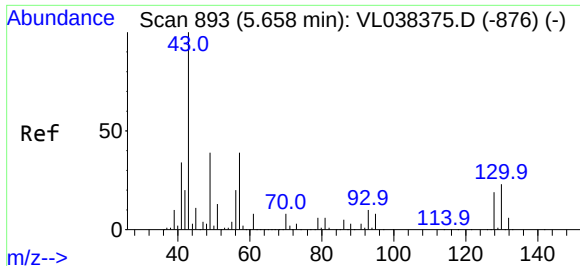
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#24
 1,1-Dichloroethane
 Concen: 10.528 ppbv
 RT: 4.983 min Scan# 683
 Delta R.T. -0.009 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

Tgt Ion: 63 Resp: 875009
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.5
 100 2.8 1.4 4.2





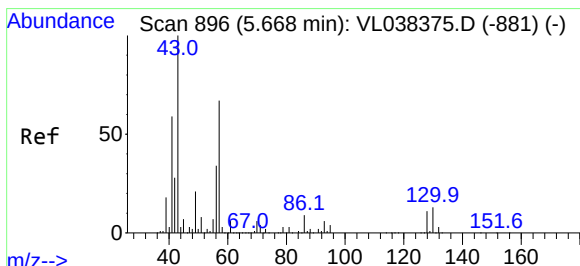
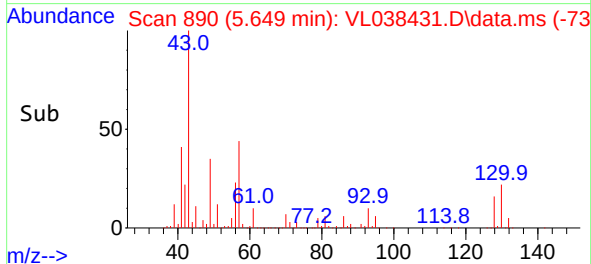
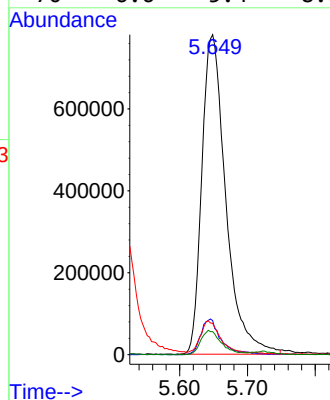
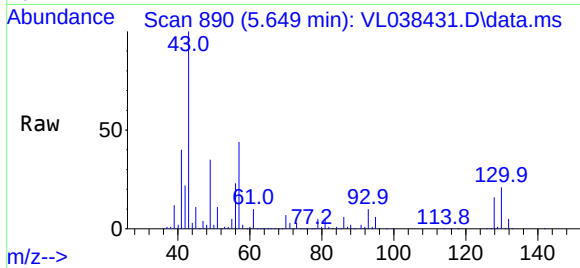
#25
Ethyl Acetate
Concen: 10.223 ppbv
RT: 5.649 min Scan# 891
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 191590
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 9.5 7.5 11.3
70 6.6 5.4 8.0

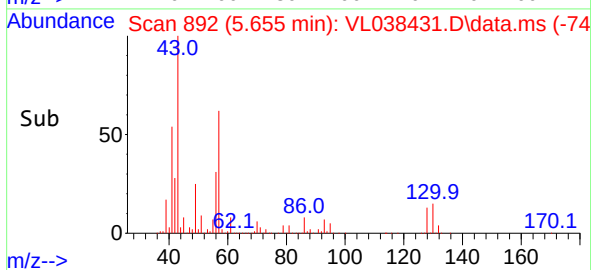
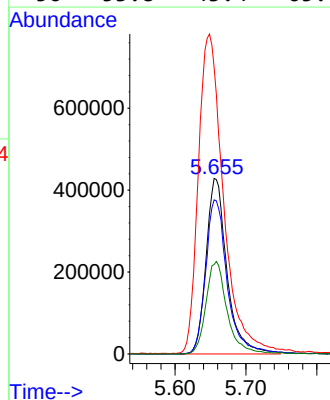
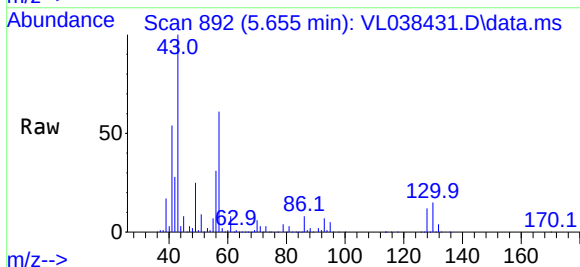
Manual Integrations
APPROVED

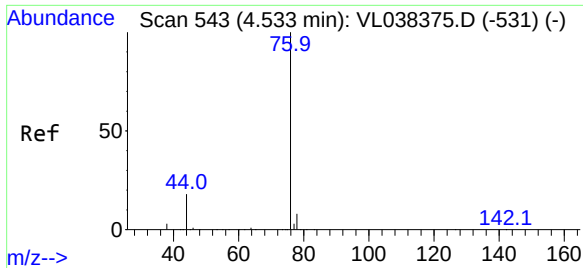
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#26
Hexane
Concen: 10.337 ppbv
RT: 5.655 min Scan# 892
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

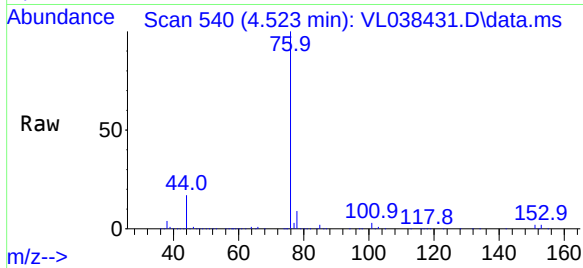
Tgt Ion: 57 Resp: 877277
Ion Ratio Lower Upper
57 100
41 92.0 73.1 109.7
43 221.6 181.0 271.4
56 53.8 43.4 65.0





#27
Carbon Disulfide
Concen: 11.149 ppbv
RT: 4.523 min Scan# 543
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

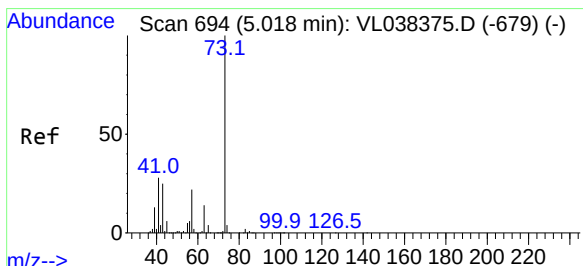
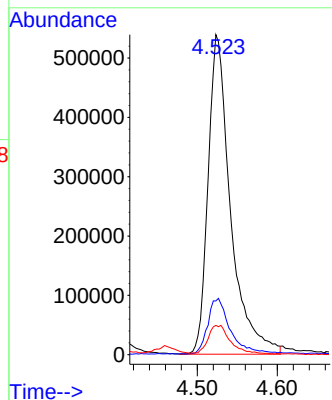
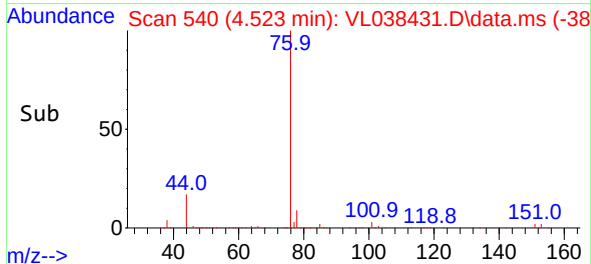
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1052538
Ion Ratio Lower Upper
76 100
44 18.1 14.2 21.2
78 9.4 7.8 11.6

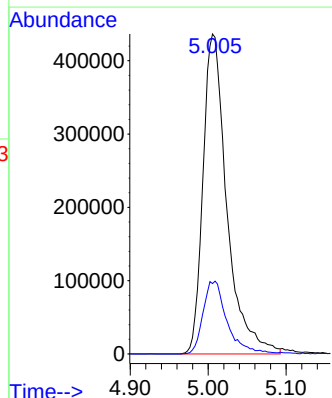
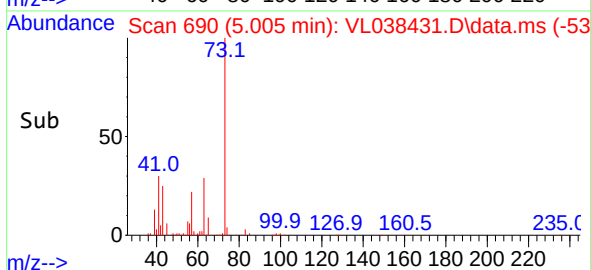
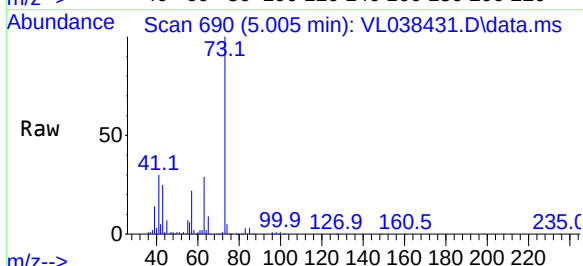
Manual Integrations
APPROVED

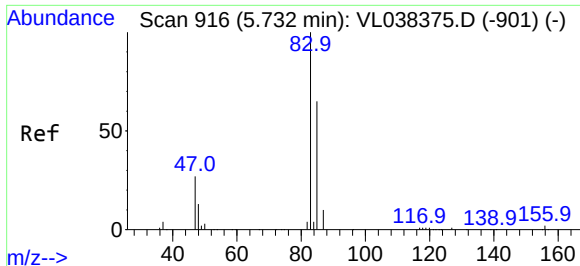
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#28
Methyl tert-Butyl Ether
Concen: 10.745 ppbv
RT: 5.005 min Scan# 690
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 73 Resp: 928879
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4





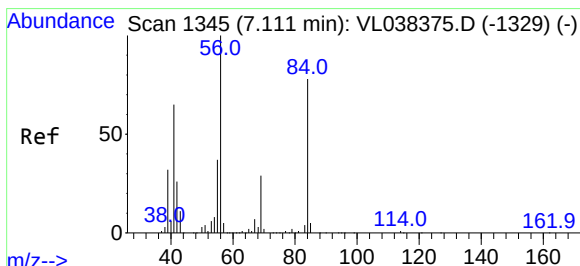
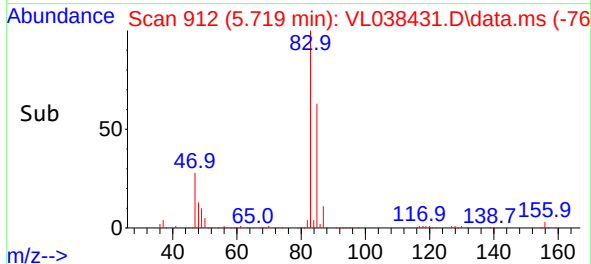
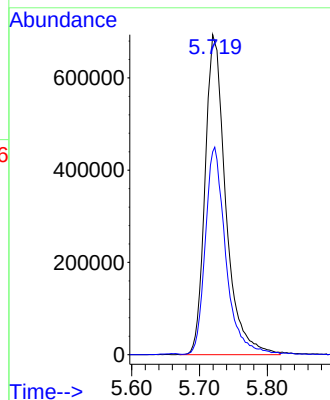
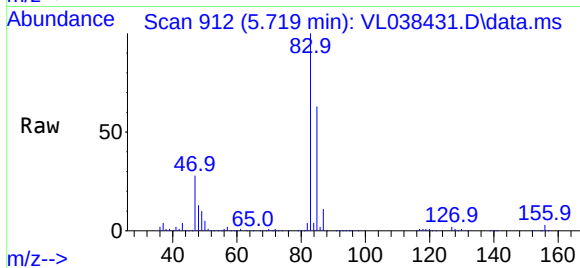
#29
Chloroform
Concen: 10.607 ppbv
RT: 5.719 min Scan# 916
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 146934
Ion Ratio Lower Upper
83 100
85 63.2 51.6 77.4

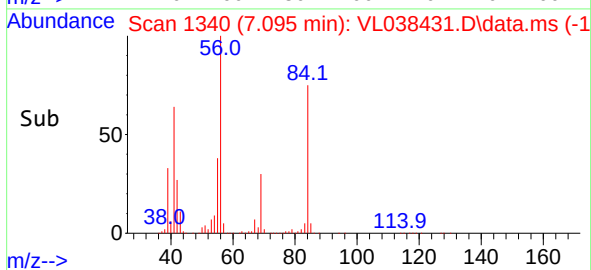
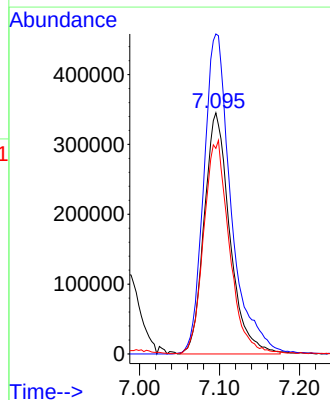
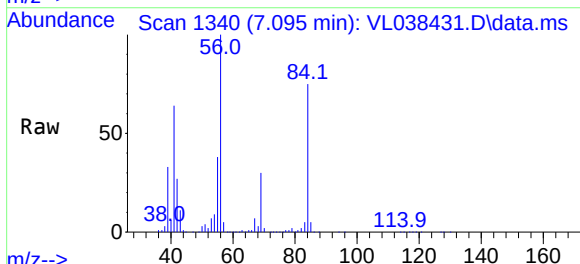
Manual Integrations
APPROVED

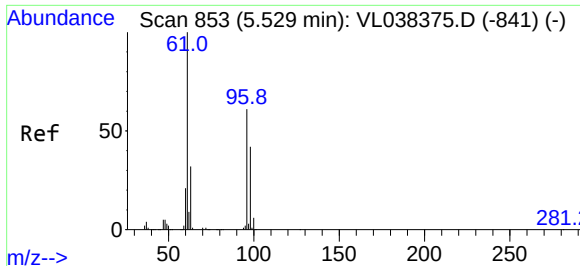
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#30
Cyclohexane
Concen: 11.103 ppbv
RT: 7.095 min Scan# 1340
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

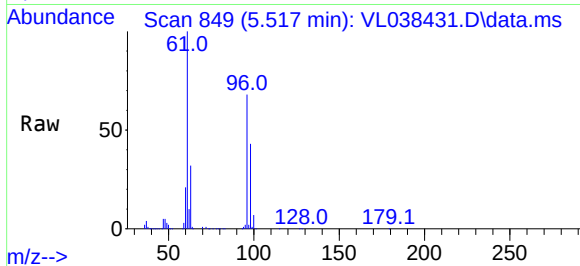
Tgt Ion: 84 Resp: 770712
Ion Ratio Lower Upper
84 100
56 141.8 116.2 174.4
41 88.5 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 7.989 ppbv
RT: 5.517 min Scan# 849
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

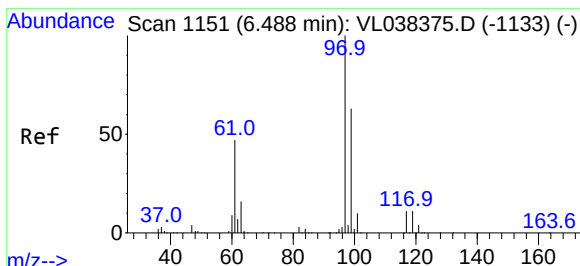
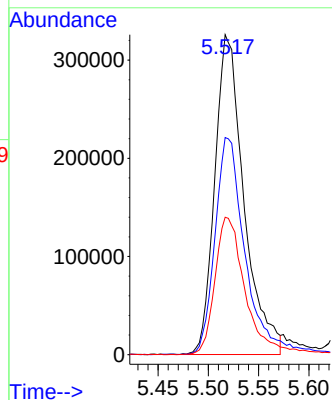
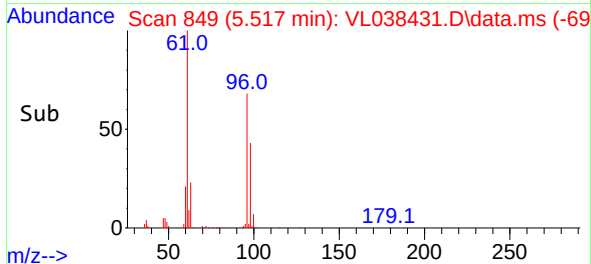
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



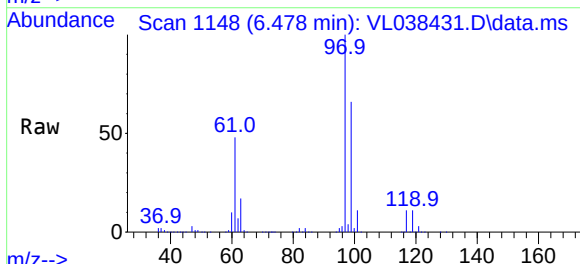
Tgt Ion: 61 Resp: 656930
Ion Ratio Lower Upper
61 100
96 67.8 48.6 73.0
98 42.9 33.2 49.8

Manual Integrations
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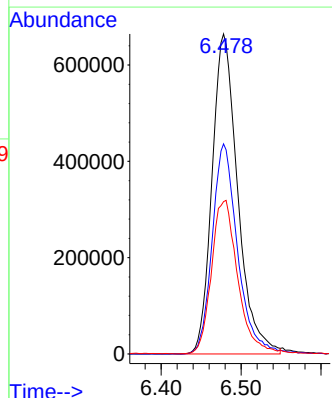
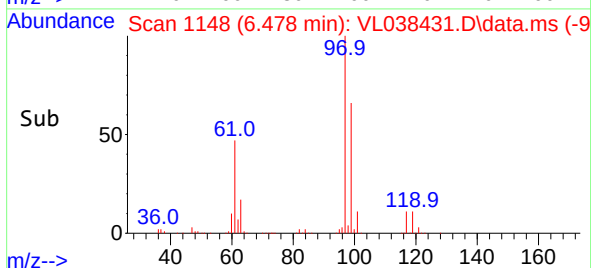
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

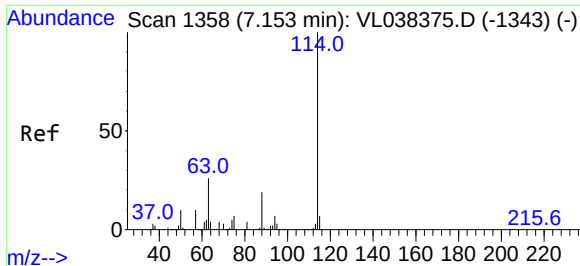


#32
1,1,1-Trichloroethane
Concen: 10.638 ppbv
RT: 6.478 min Scan# 1148
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



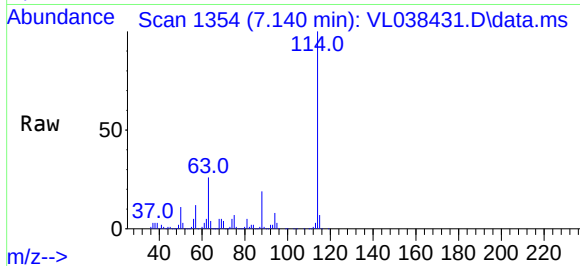
Tgt Ion: 97 Resp: 1481925
Ion Ratio Lower Upper
97 100
99 65.4 51.9 77.9
61 49.7 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.140 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

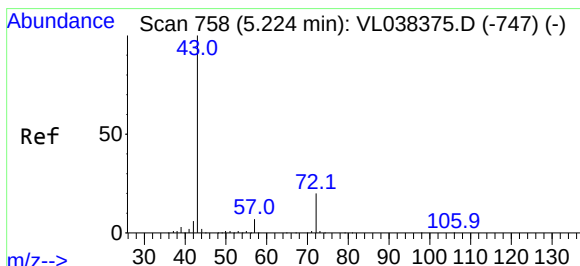
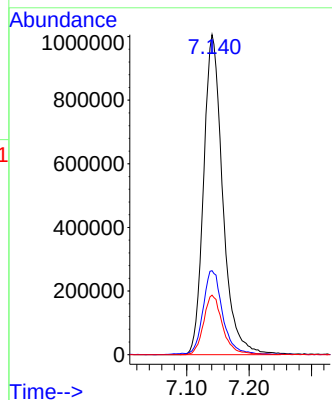
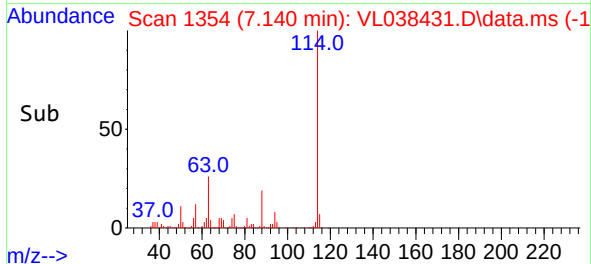
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 214374
Ion Ratio Lower Upper
114 100
63 27.6 22.2 33.2
88 18.7 15.2 22.8

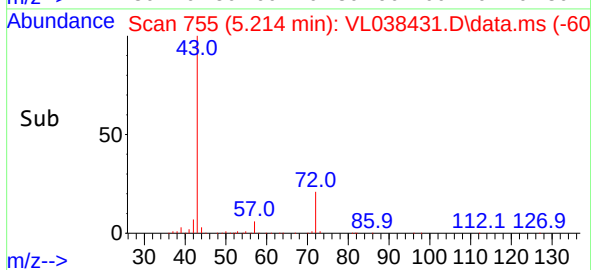
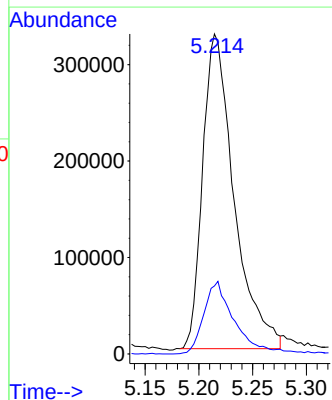
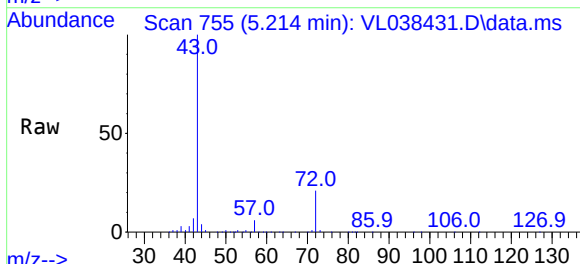
Manual Integrations
APPROVED

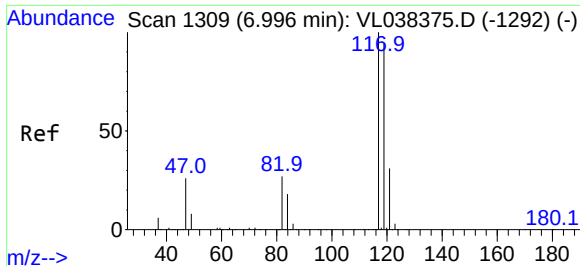
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#34
2-Butanone
Concen: 9.818 ppbv
RT: 5.214 min Scan# 755
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

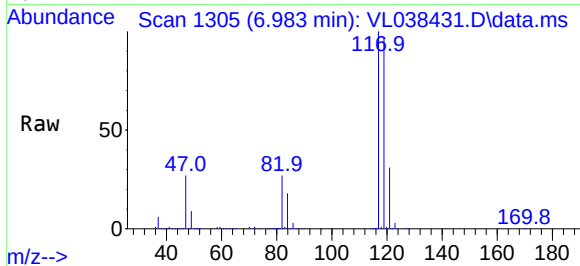
Tgt Ion: 43 Resp: 661972
Ion Ratio Lower Upper
43 100
72 23.1 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.190 ppbv
RT: 6.983 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

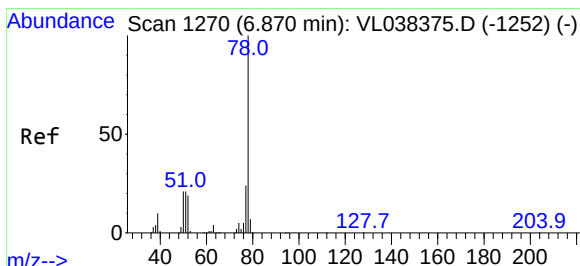
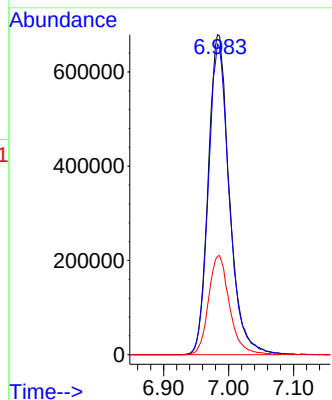
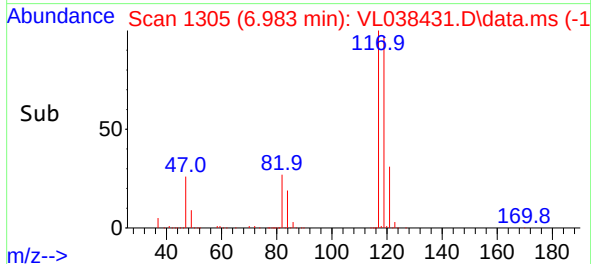
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



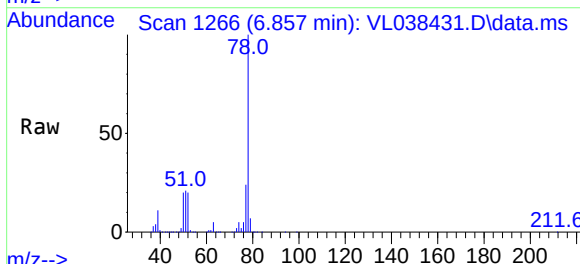
Tgt Ion:117 Resp: 1536019
Ion Ratio Lower Upper
117 100
119 97.1 74.9 112.3
121 30.7 24.8 37.2

Manual Integrations
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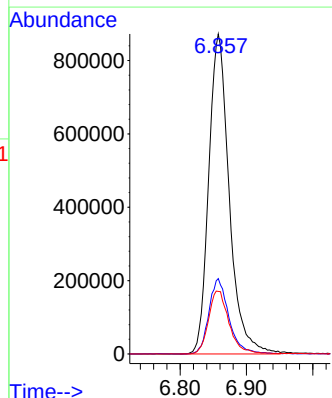
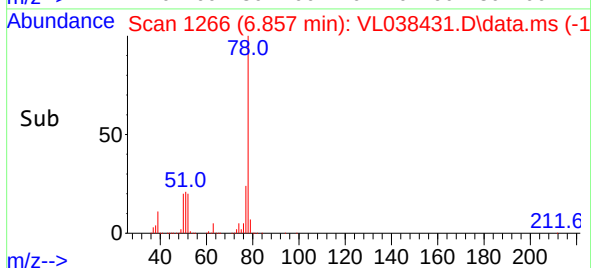
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

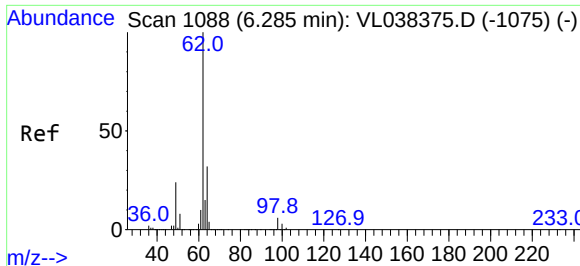


#36
Benzene
Concen: 9.925 ppbv
RT: 6.857 min Scan# 1266
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



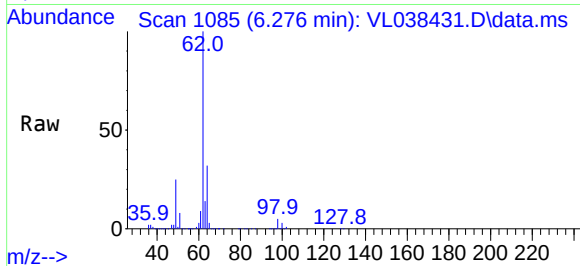
Tgt Ion: 78 Resp: 1873036
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
50 19.5 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.099 ppbv
RT: 6.276 min Scan# 1085
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

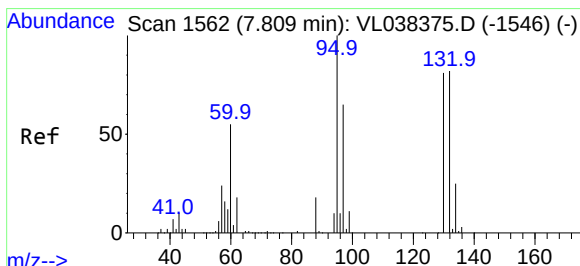
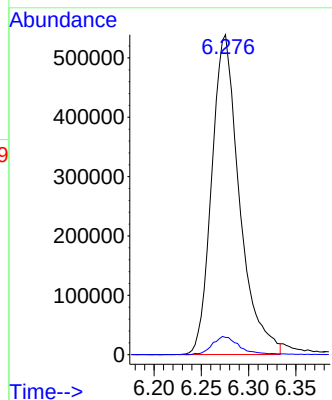
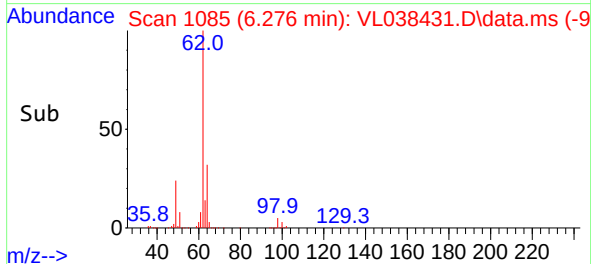
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1101319
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

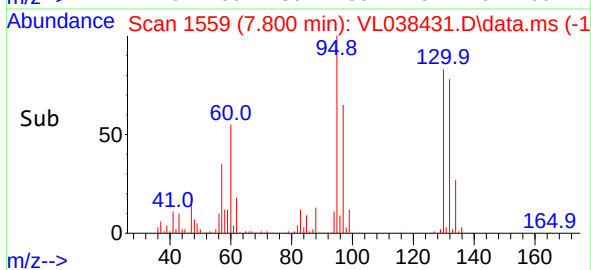
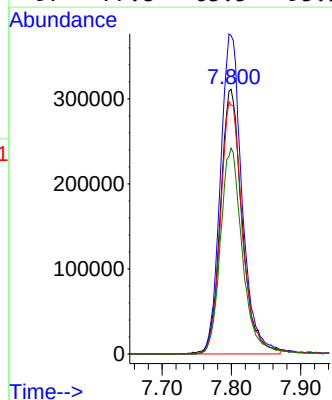
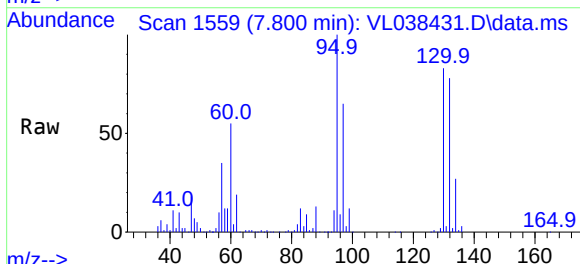
Manual Integrations
APPROVED

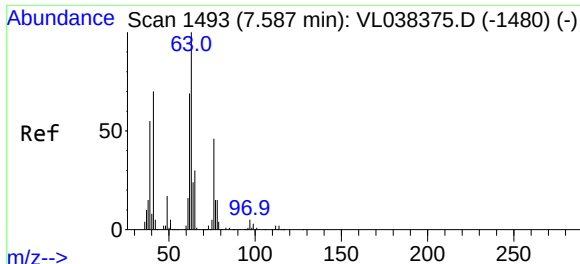
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#38
Trichloroethene
Concen: 9.825 ppbv
RT: 7.800 min Scan# 1559
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion:130 Resp: 675411
Ion Ratio Lower Upper
130 100
95 120.3 98.1 147.1
132 94.0 80.3 120.5
97 77.8 63.5 95.3





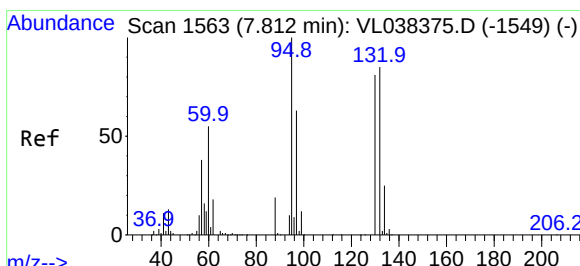
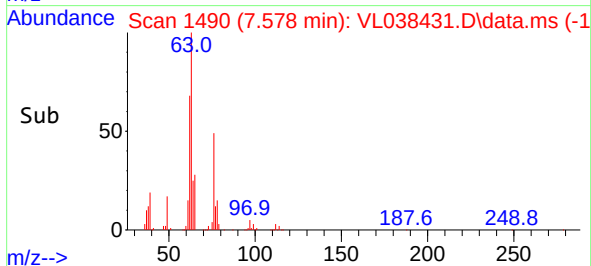
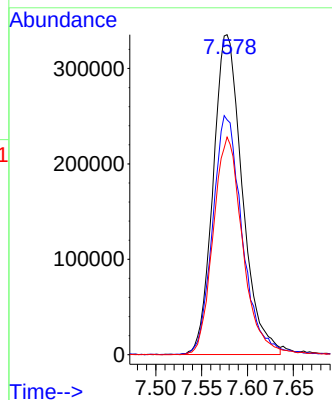
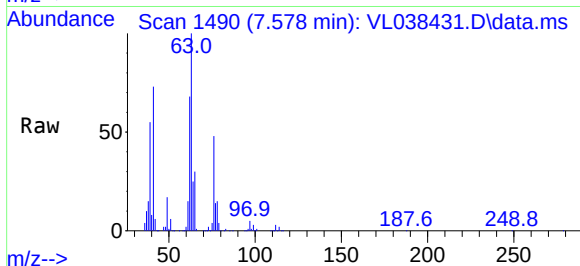
#39
1,2-Dichloropropane
Concen: 9.865 ppbv
RT: 7.578 min Scan# 1493
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 63 Resp: 741529
Ion Ratio Lower Upper
63 100
41 73.3 56.1 84.1
62 68.0 55.5 83.3

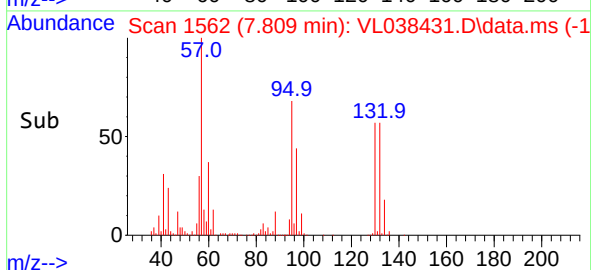
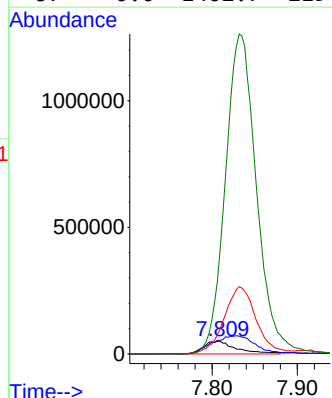
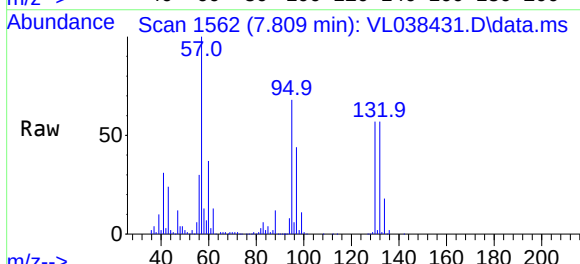
Manual Integrations
APPROVED

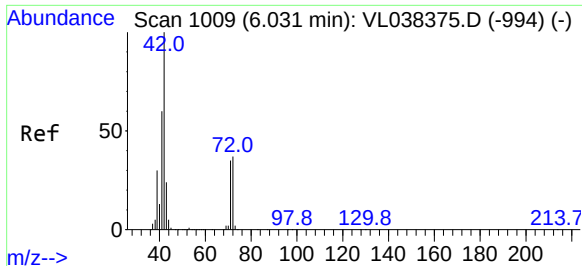
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#40
1,4-Dioxane
Concen: 7.689 ppbv m
RT: 7.809 min Scan# 1562
Delta R.T. -0.003 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

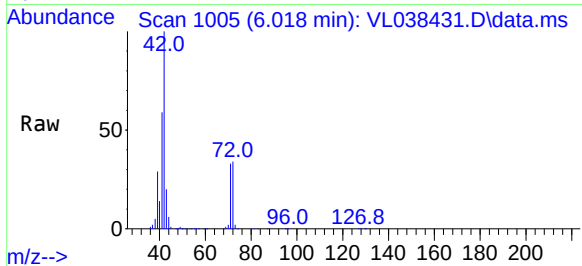
Tgt Ion: 88 Resp: 137093
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.272 ppbv
RT: 6.018 min Scan# 1009
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

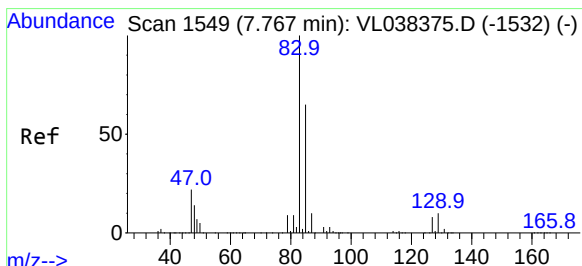
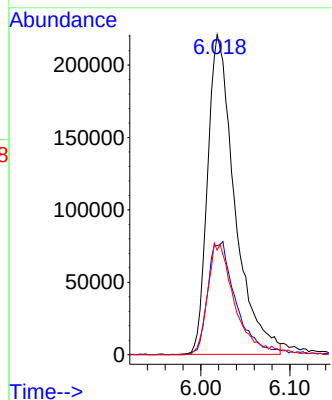
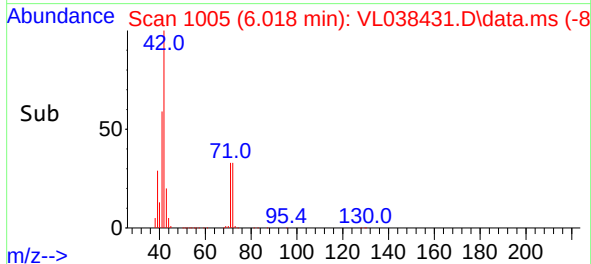
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 467948
Ion Ratio Lower Upper
42 100
72 37.8 29.9 44.9
71 35.9 28.6 42.8

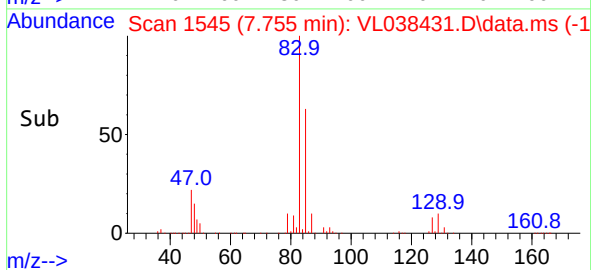
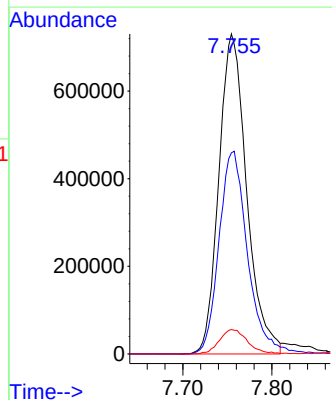
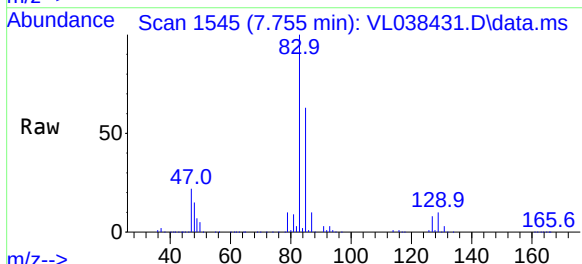
Manual Integrations
APPROVED

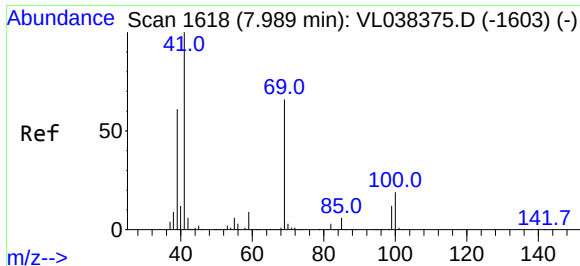
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#42
Bromodichloromethane
Concen: 10.069 ppbv
RT: 7.755 min Scan# 1545
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 83 Resp: 1585681
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 7.6 6.2 9.4





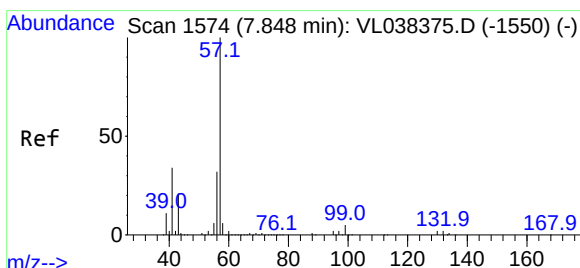
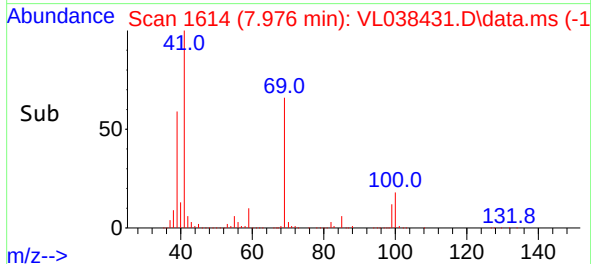
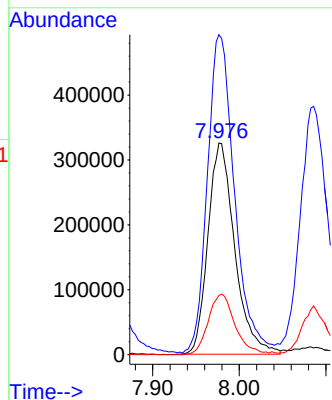
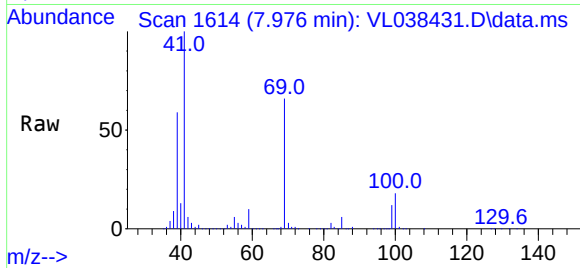
#43
Methyl Methacrylate
Concen: 10.677 ppbv
RT: 7.976 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 700463
Ion Ratio Lower Upper
69 100
41 152.8 122.9 184.3
100 29.0 23.6 35.4

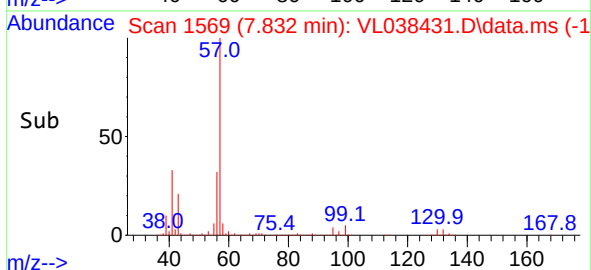
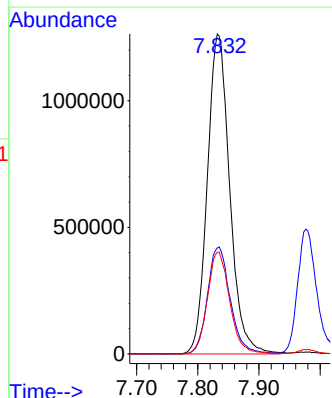
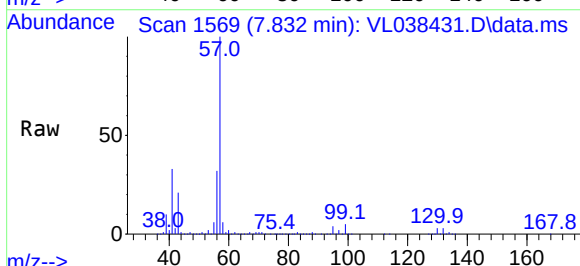
Manual Integrations
APPROVED

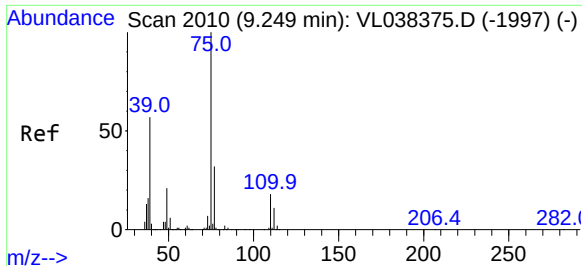
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.913 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 57 Resp: 3215570
Ion Ratio Lower Upper
57 100
41 34.1 26.6 39.8
56 31.7 25.0 37.6





#45
 t-1,3-Dichloropropene
 Concen: 10.724 ppbv
 RT: 9.240 min Scan# 2010
 Delta R.T. -0.009 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

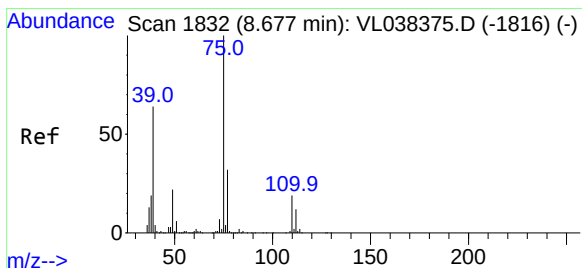
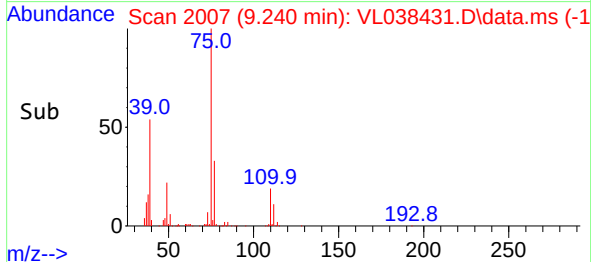
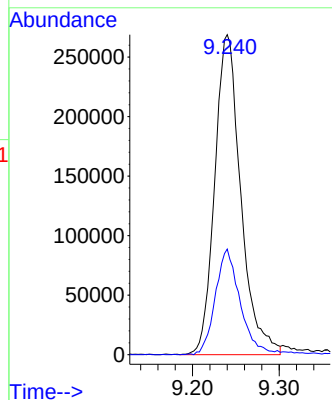
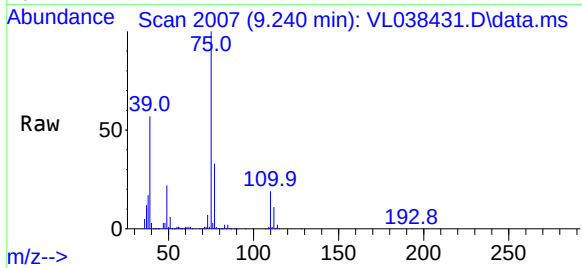
VSTDCCC010

Tgt Ion: 75 Resp: 562300
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.0

Manual Integrations

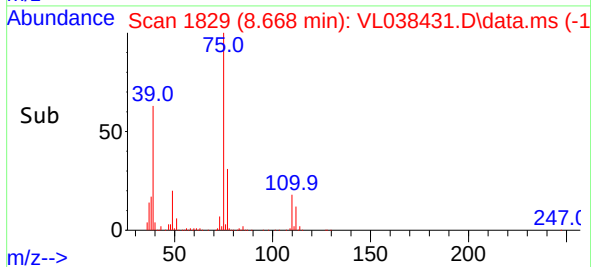
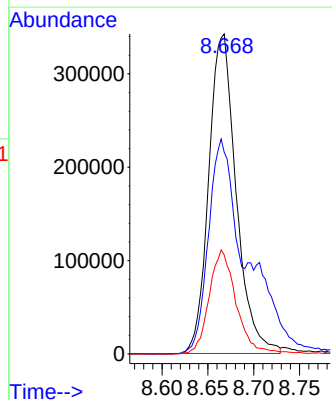
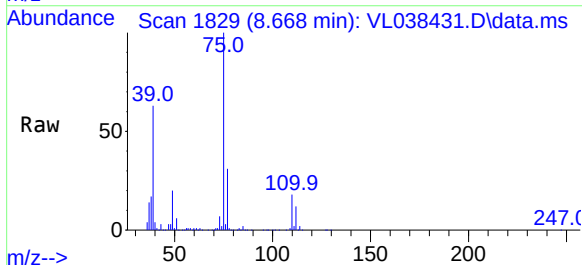
APPROVED

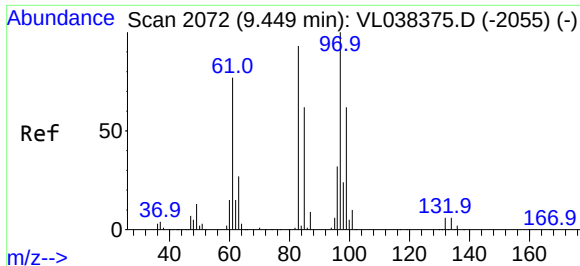
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022



#46
 cis-1,3-Dichloropropene
 Concen: 10.378 ppbv
 RT: 8.668 min Scan# 1829
 Delta R.T. -0.009 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

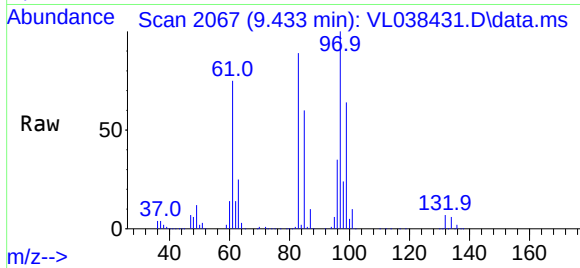
Tgt Ion: 75 Resp: 713186
 Ion Ratio Lower Upper
 75 100
 39 62.9 51.4 77.2
 77 30.9 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 9.847 ppbv
RT: 9.433 min Scan# 2072
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

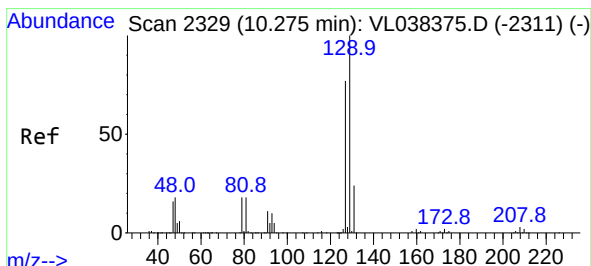
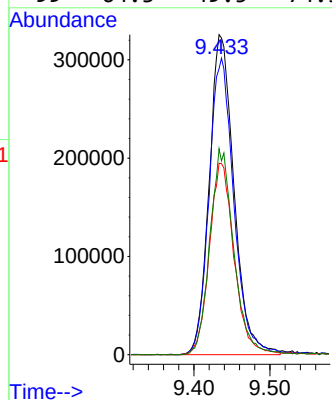
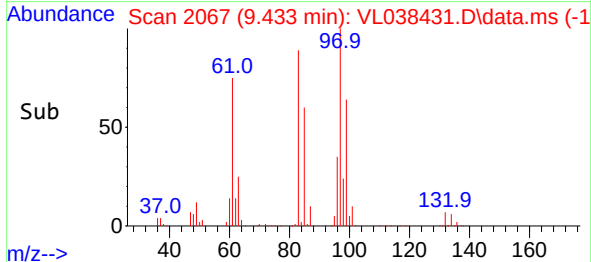
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



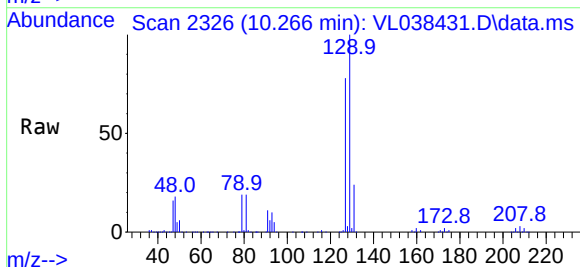
Tgt Ion: 97 Resp: 736425
Ion Ratio Lower Upper
97 100
83 89.3 74.2 111.4
85 59.9 49.8 74.8
99 64.3 49.5 74.3

Manual Integrations
APPROVED

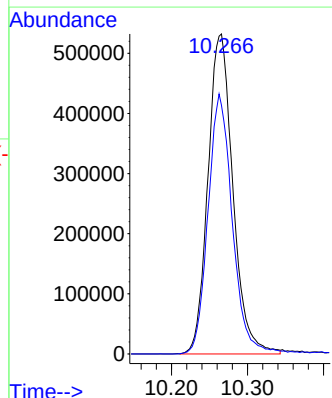
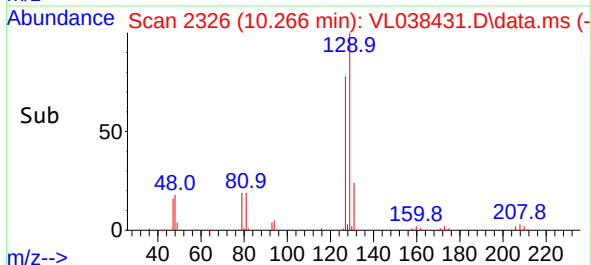
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

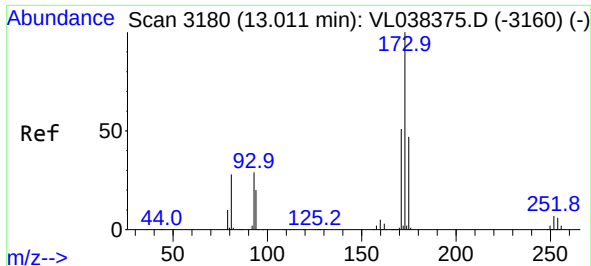


#48
Dibromochloromethane
Concen: 9.932 ppbv
RT: 10.266 min Scan# 2326
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



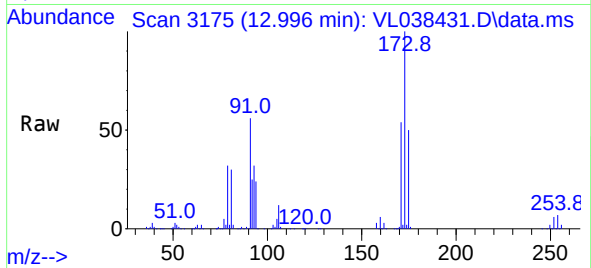
Tgt Ion:129 Resp: 1214551
Ion Ratio Lower Upper
129 100
127 80.2 39.4 118.1





#49
Bromoform
Concen: 8.892 ppbv
RT: 12.996 min Scan# 3180
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

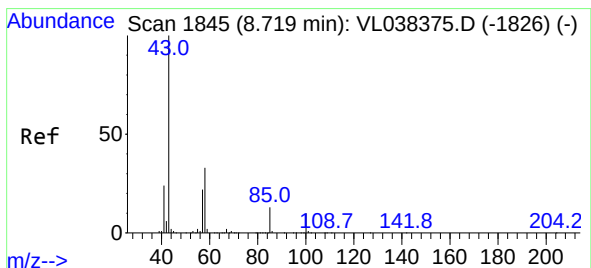
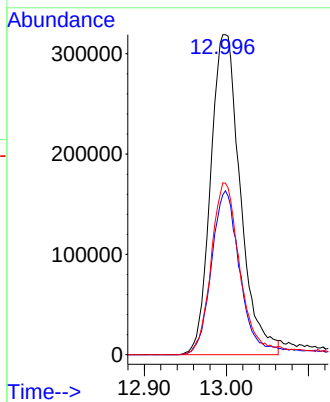
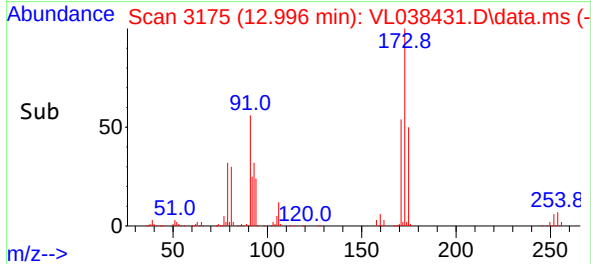
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



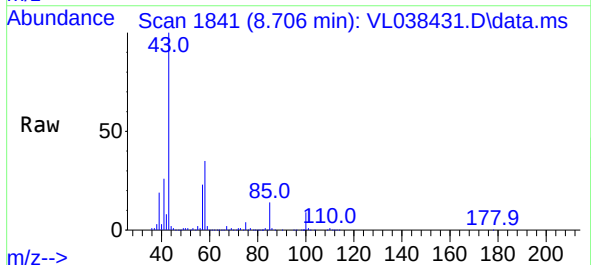
Tgt Ion:173 Resp: 802600
Ion Ratio Lower Upper
173 100
175 52.2 40.2 60.2
171 55.6 42.7 64.1

Manual Integrations
APPROVED

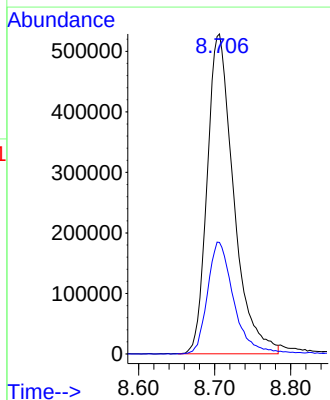
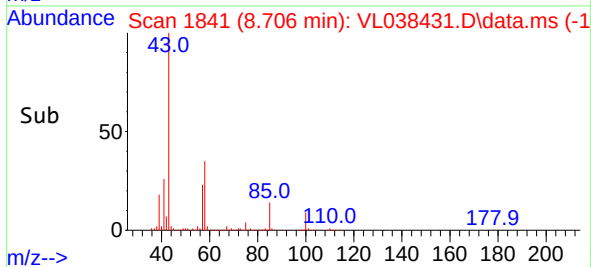
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

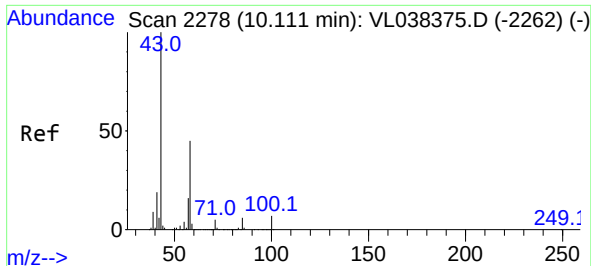


#50
4-Methyl-2-Pentanone
Concen: 10.709 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



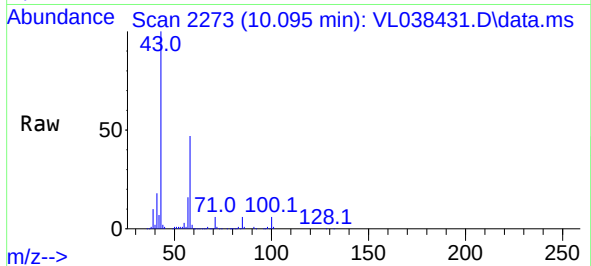
Tgt Ion: 43 Resp: 1276537
Ion Ratio Lower Upper
43 100
58 35.2 27.7 41.5





#51
2-Hexanone
Concen: 10.203 ppbv
RT: 10.095 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

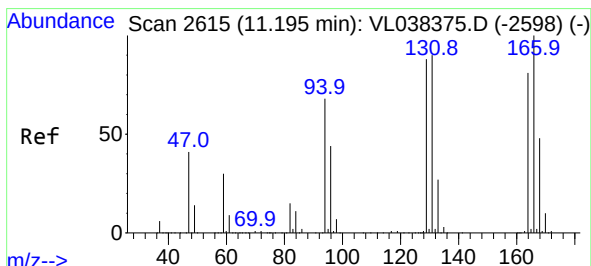
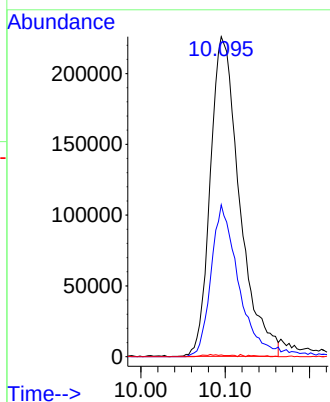
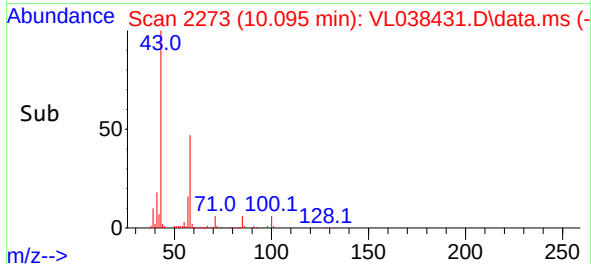
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



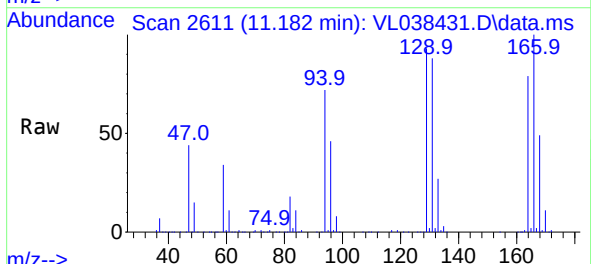
Tgt Ion: 43 Resp: 54450
Ion Ratio Lower Upper
43 100
58 46.9 37.4 56.0
98 0.5 0.1 0.1

Manual Integrations
APPROVED

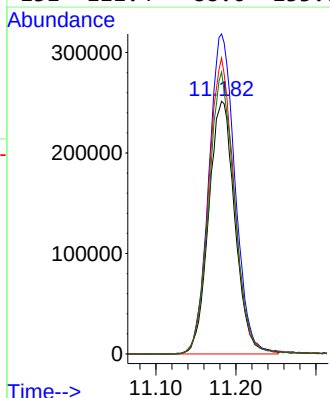
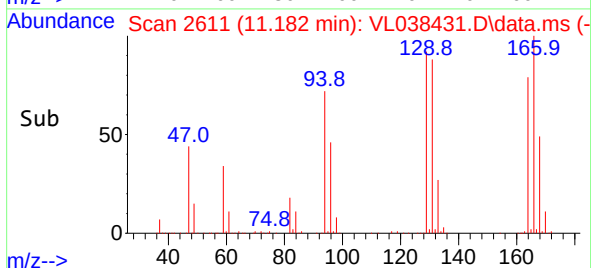
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

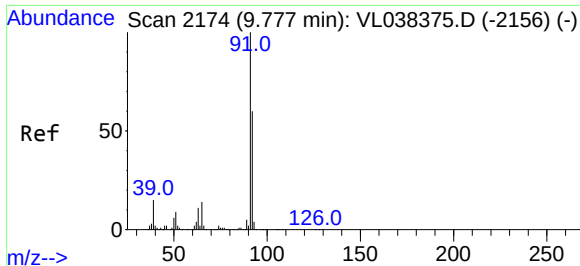


#52
Tetrachloroethene
Concen: 9.124 ppbv
RT: 11.182 min Scan# 2611
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



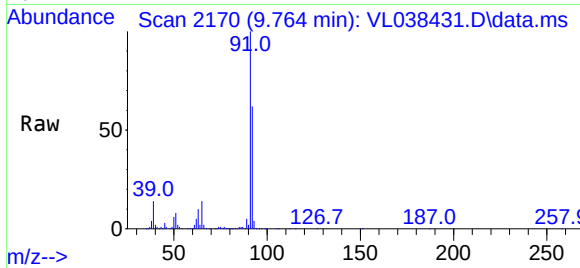
Tgt Ion:164 Resp: 571588
Ion Ratio Lower Upper
164 100
166 126.6 98.6 148.0
129 116.8 86.9 130.3
131 111.4 88.6 133.0





#53
Toluene
Concen: 10.083 ppbv
RT: 9.764 min Scan# 2174
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

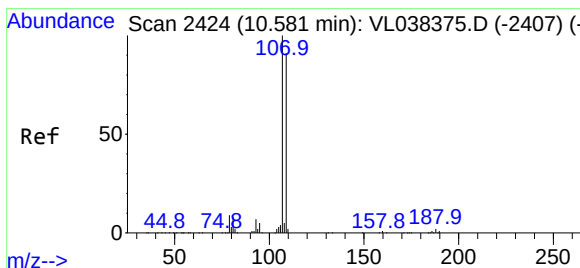
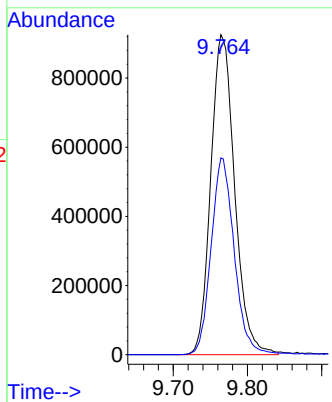
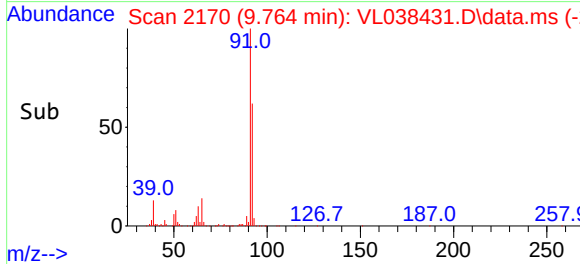
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



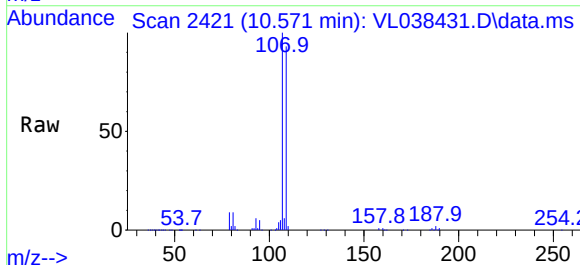
Tgt Ion: 91 Resp: 206617
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.4

Manual Integrations
APPROVED

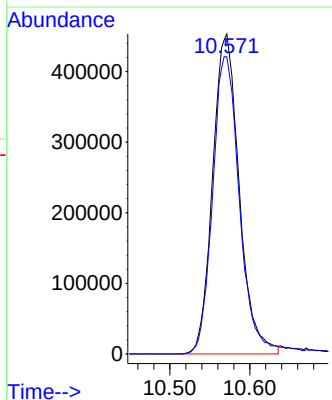
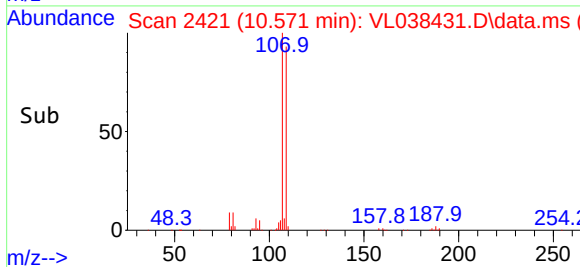
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

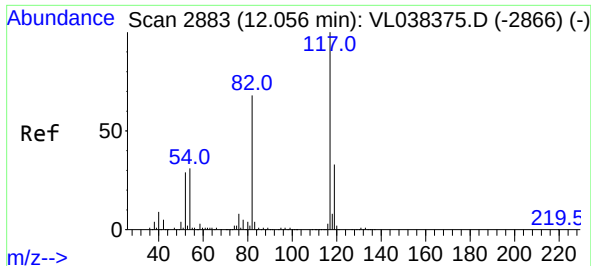


#54
1,2-Dibromoethane
Concen: 9.928 ppbv
RT: 10.571 min Scan# 2421
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



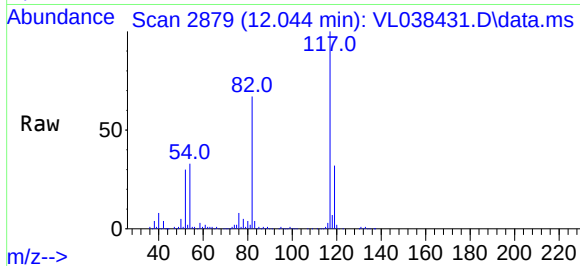
Tgt Ion:107 Resp: 1045208
Ion Ratio Lower Upper
107 100
109 92.8 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.044 min Scan# 2879
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

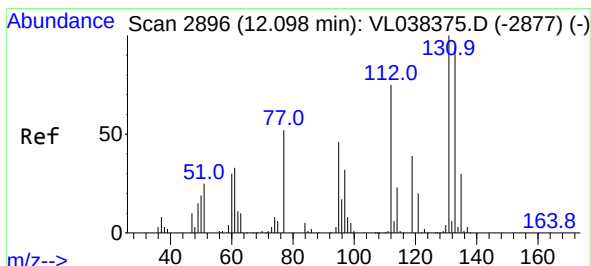
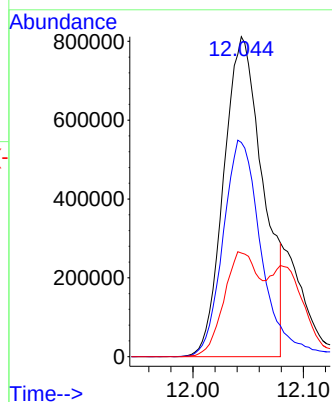
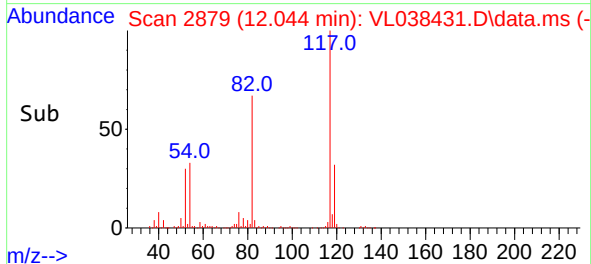
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



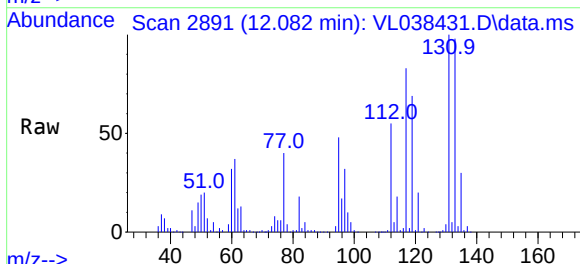
Tgt Ion:117 Resp: 200648
Ion Ratio Lower Upper
117 100
82 68.1 54.9 82.3
119 30.5 46.1 69.1

Manual Integrations
APPROVED

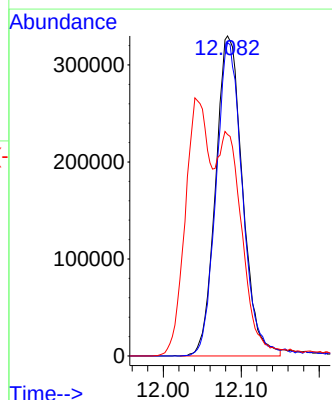
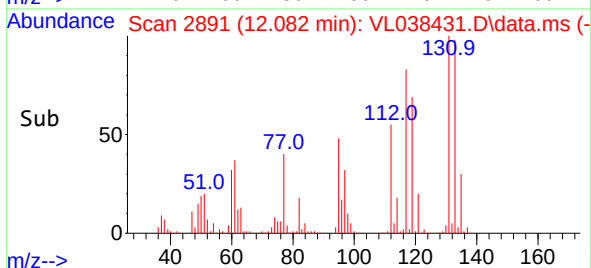
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

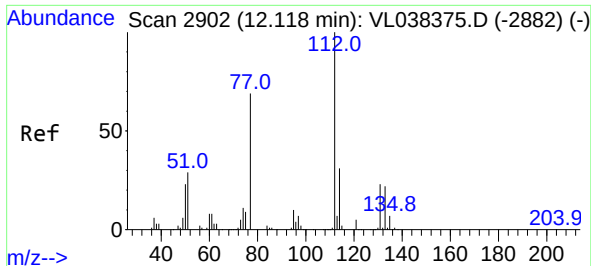


#56
1,1,1,2-Tetrachloroethane
Concen: 9.450 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



Tgt Ion:131 Resp: 790321
Ion Ratio Lower Upper
131 100
133 98.4 77.3 115.9
119 62.2 48.6 73.0





#57

Chlorobenzene

Concen: 8.986 ppbv

RT: 12.105 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL038431.D

Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

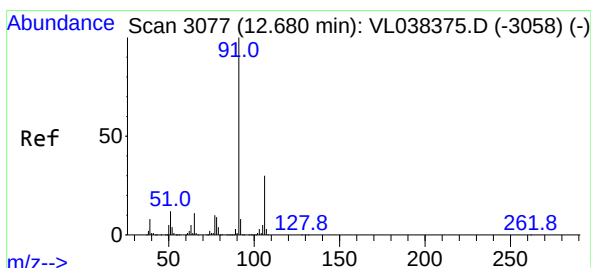
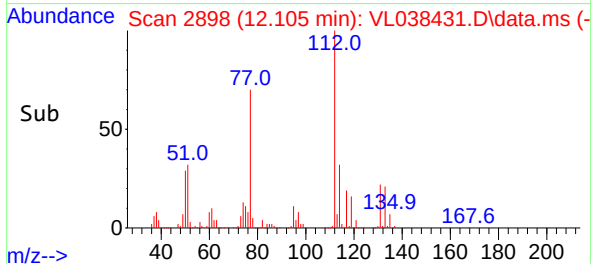
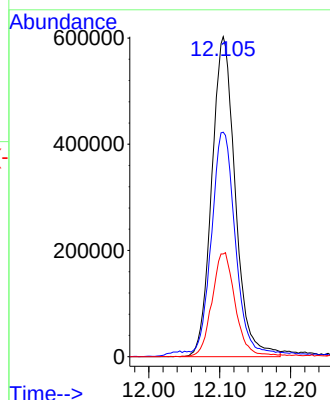
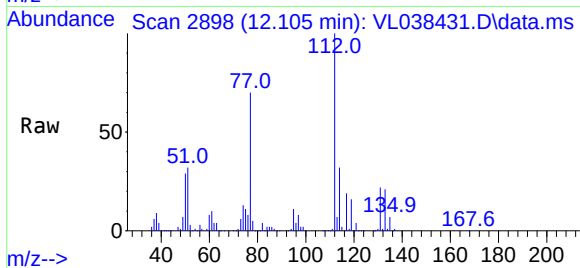
Tgt Ion: 112 Resp: 139112

Ion	Ratio	Lower	Upper
112	100		
77	68.9	55.2	82.8
114	32.1	27.9	34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#58

Ethyl Benzene

Concen: 9.556 ppbv

RT: 12.668 min Scan# 3073

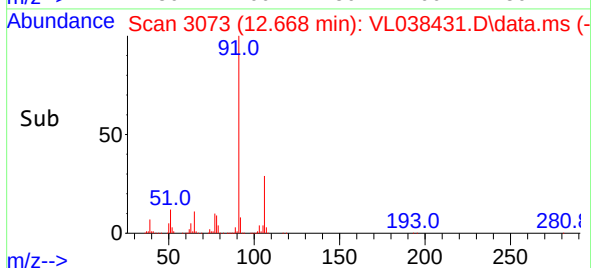
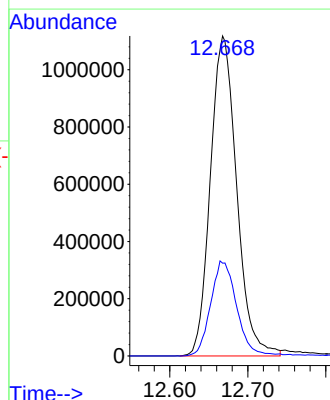
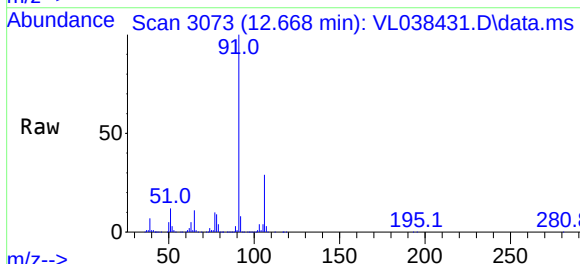
Delta R.T. -0.013 min

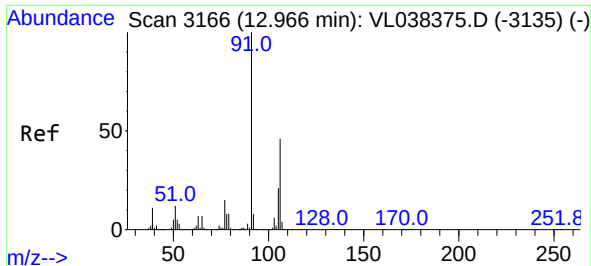
Lab File: VL038431.D

Acq: 24 Feb 2022 11:09

Tgt Ion: 91 Resp: 2621958

Ion	Ratio	Lower	Upper
91	100		
106	29.0	24.0	36.0





#59

m/p-Xylene

Concen: 18.690 ppbv m

RT: 12.954 min Scan# 3162

Delta R.T. -0.013 min

Lab File: VL038431.D

Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 440425

Ion Ratio Lower Upper

91 100

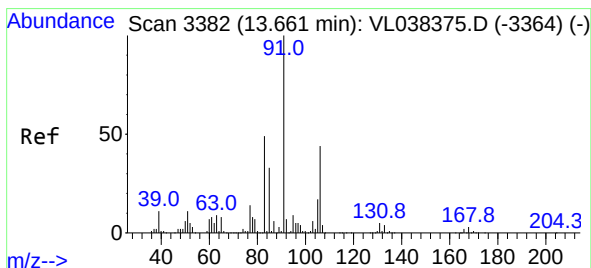
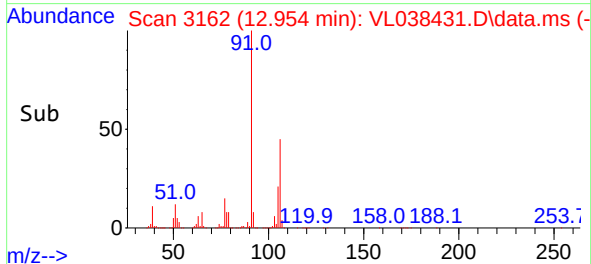
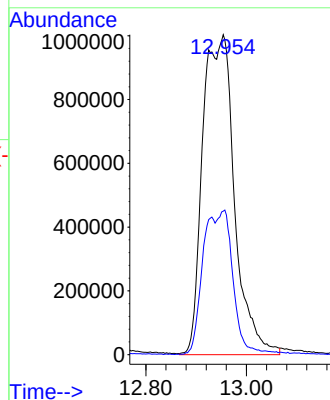
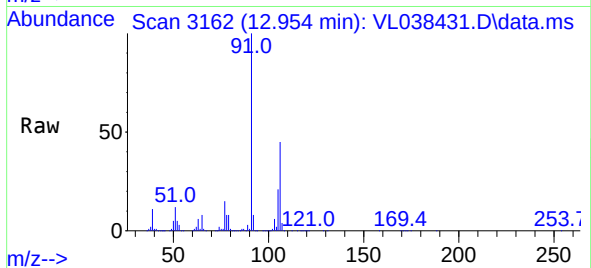
106 42.8 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#60

o-Xylene

Concen: 9.089 ppbv

RT: 13.648 min Scan# 3378

Delta R.T. -0.013 min

Lab File: VL038431.D

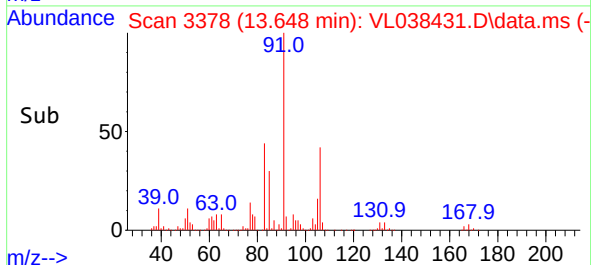
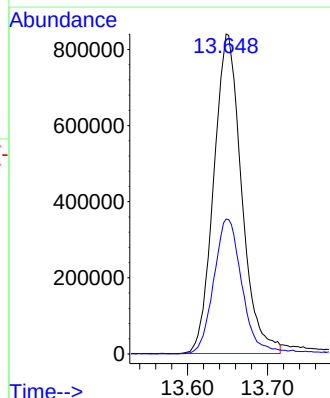
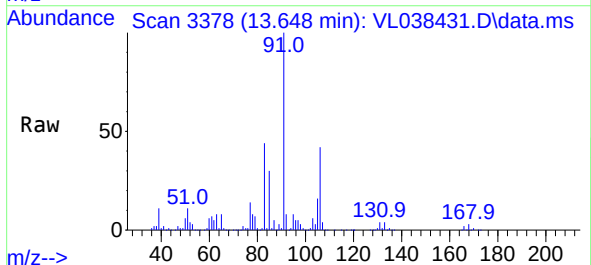
Acq: 24 Feb 2022 11:09

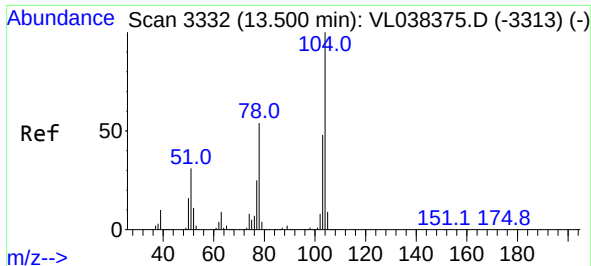
Tgt Ion: 91 Resp: 2024504

Ion Ratio Lower Upper

91 100

106 44.4 21.9 65.5





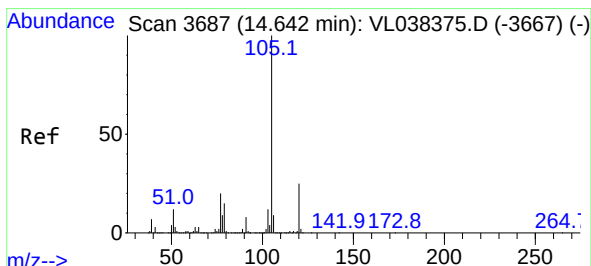
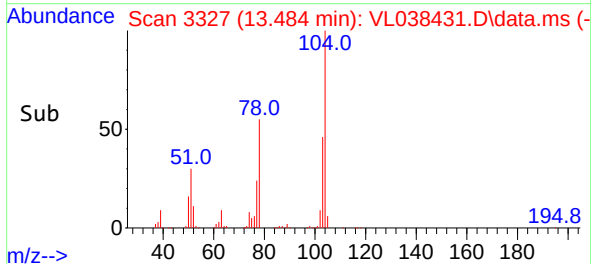
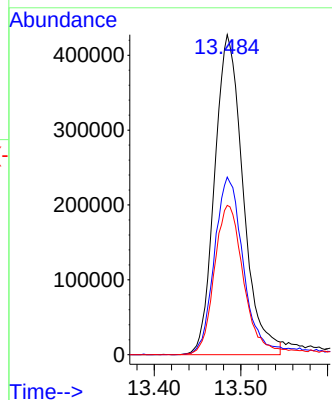
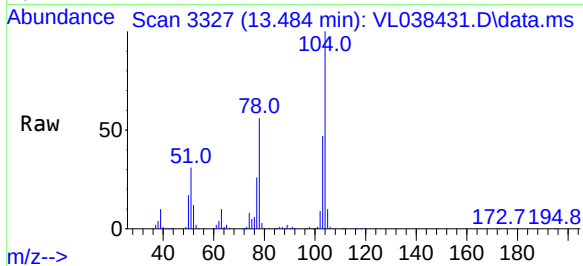
#61
Styrene
Concen: 9.511 ppbv
RT: 13.484 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 977140
Ion Ratio Lower Upper
104 100
78 58.5 44.2 66.4
103 49.5 38.4 57.6

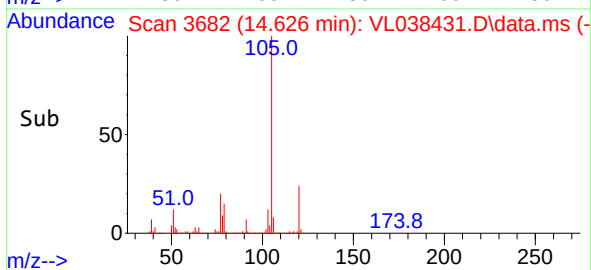
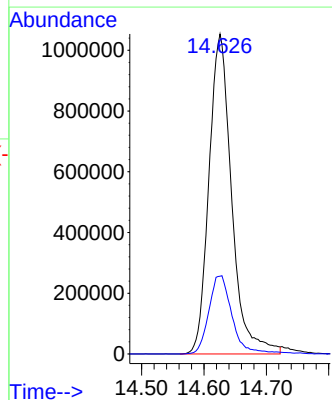
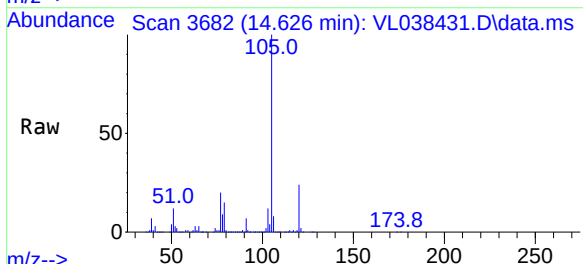
Manual Integrations
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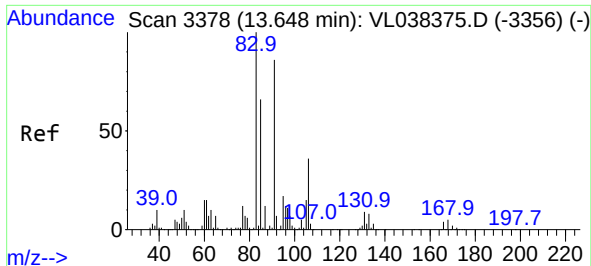
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#62
Isopropylbenzene
Concen: 8.905 ppbv
RT: 14.626 min Scan# 3682
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

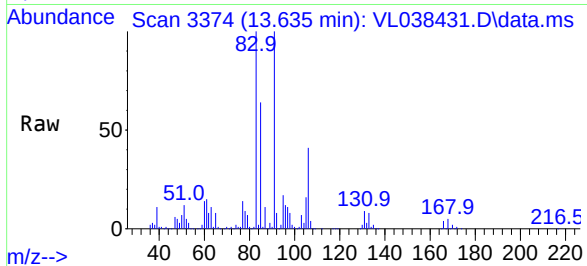
Tgt Ion:105 Resp: 2662346
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.502 ppbv
RT: 13.635 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

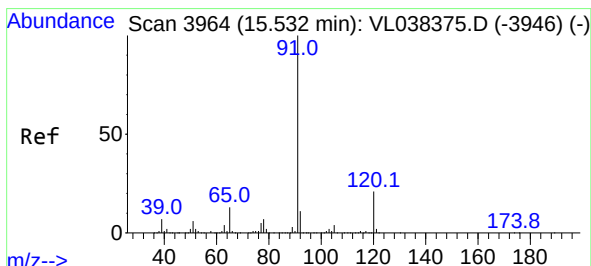
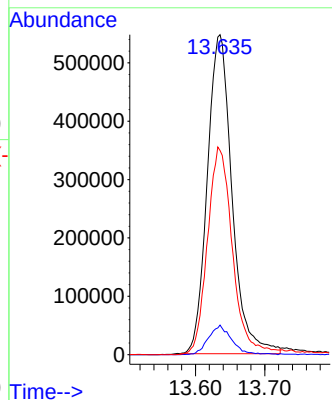
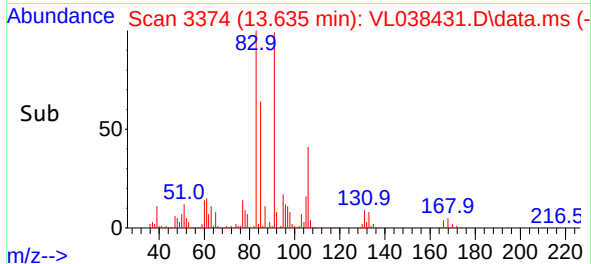
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



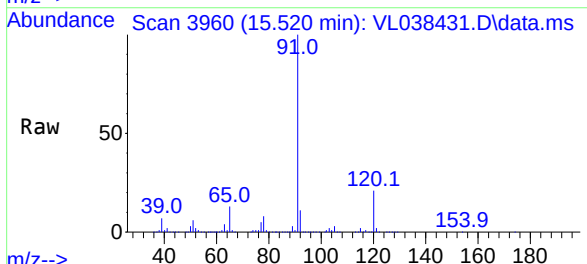
Tgt Ion: 83 Resp: 135772
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 67.7 33.0 99.0

Manual Integrations
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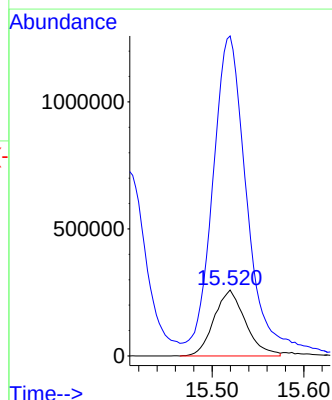
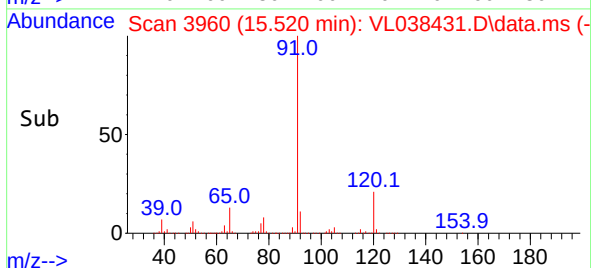
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

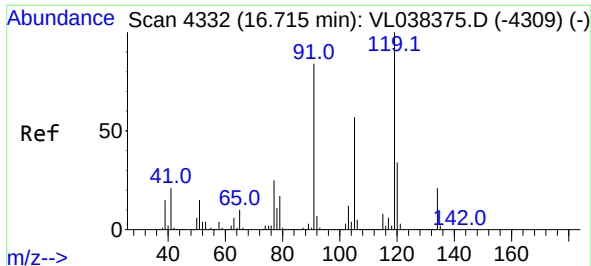


#64
n-propylbenzene
Concen: 8.306 ppbv
RT: 15.520 min Scan# 3960
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



Tgt Ion:120 Resp: 614848
Ion Ratio Lower Upper
120 100
91 537.6 388.1 582.1





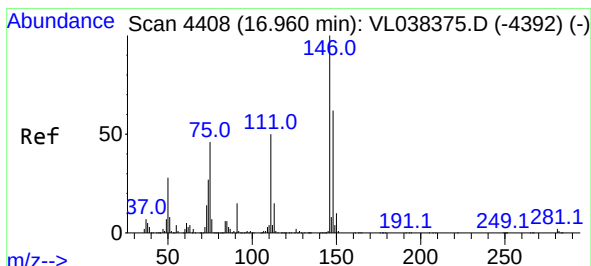
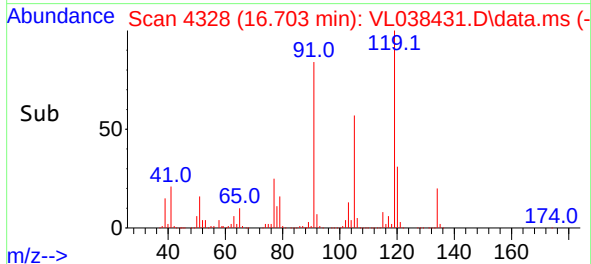
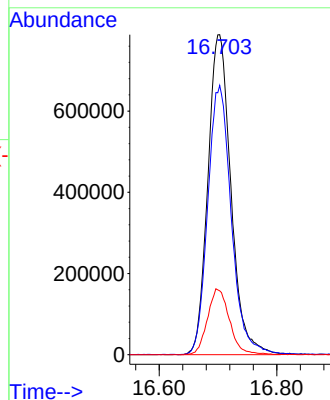
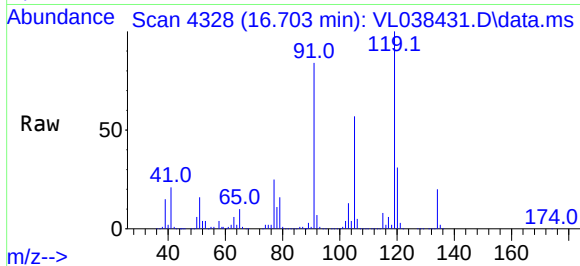
#65
tert-Butylbenzene
Concen: 8.289 ppbv
RT: 16.703 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2146430
Ion Ratio Lower Upper
119 100
91 86.0 68.0 102.0
134 19.7 15.8 23.8

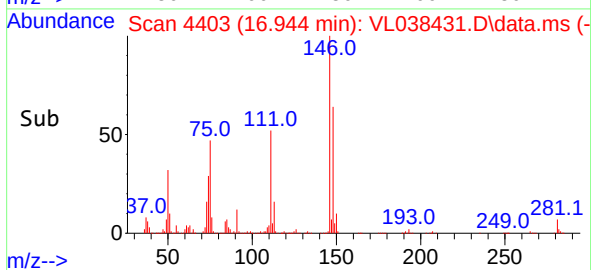
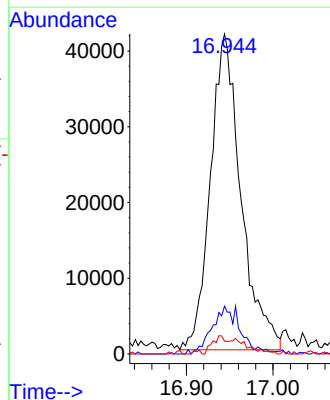
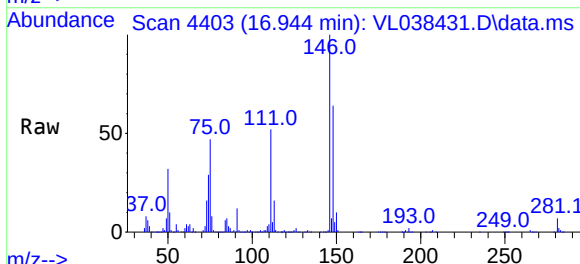
Manual Integrations
APPROVED

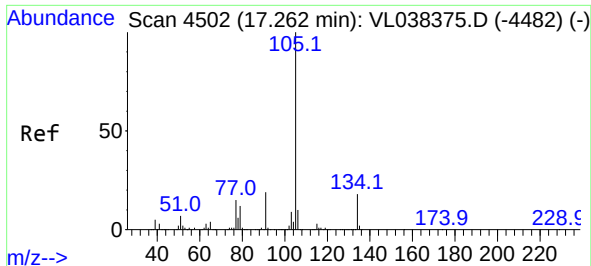
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#66
Benzyl Chloride
Concen: 7.310 ppbv
RT: 16.944 min Scan# 4403
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 91 Resp: 102292
Ion Ratio Lower Upper
91 100
126 14.5 12.3 18.5
128 5.9 4.2 6.4





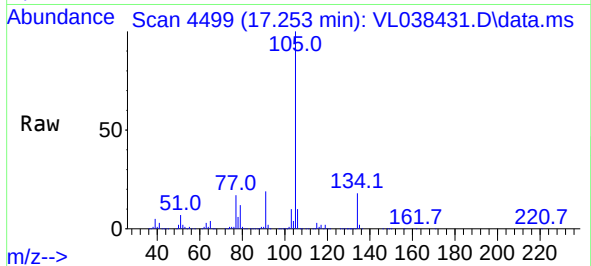
#67
 sec-Butylbenzene
 Concen: 8.154 ppbv
 RT: 17.253 min Scan# 4499
 Delta R.T. -0.009 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

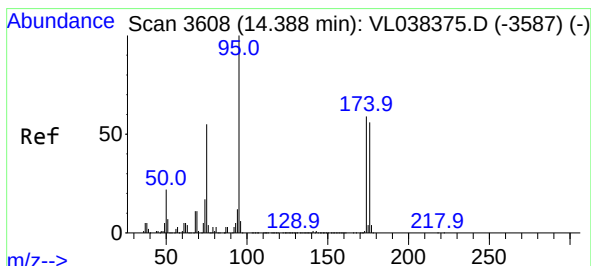
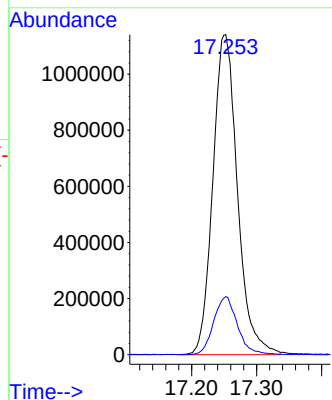
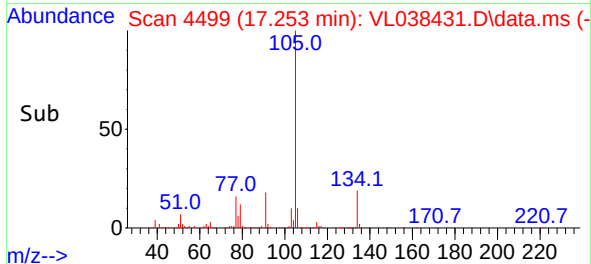


Tgt Ion:105 Resp: 299159
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.6 21.8

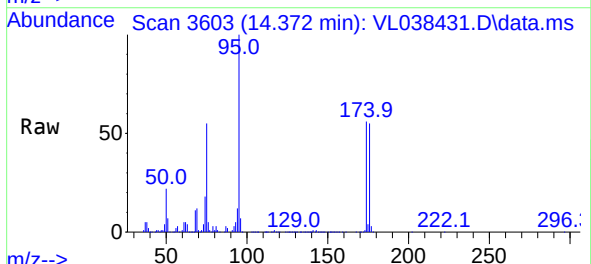
Manual Integrations

APPROVED

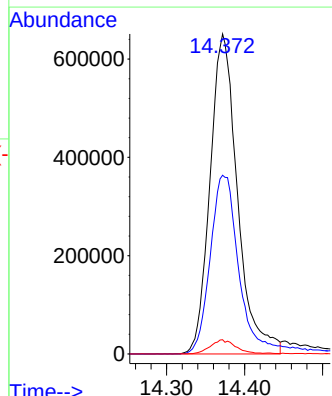
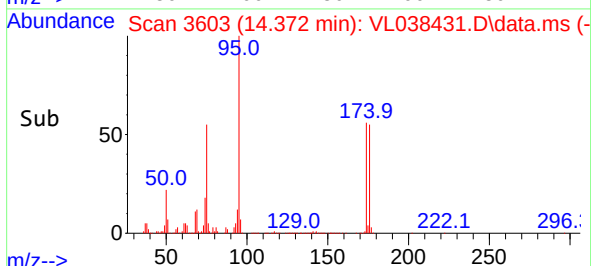
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

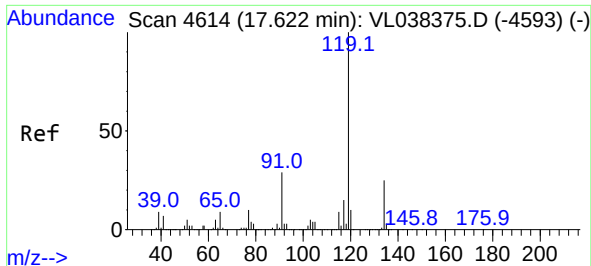


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.602 ppbv
 RT: 14.372 min Scan# 3603
 Delta R.T. -0.016 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09



Tgt Ion: 95 Resp: 1594141
 Ion Ratio Lower Upper
 95 100
 174 60.8 49.0 73.4
 175 4.3 3.6 5.4





#69
p-Isopropyltoluene
Concen: 8.327 ppbv
RT: 17.609 min Scan# 4610
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :

MSVOA_L

ClientSampleId :

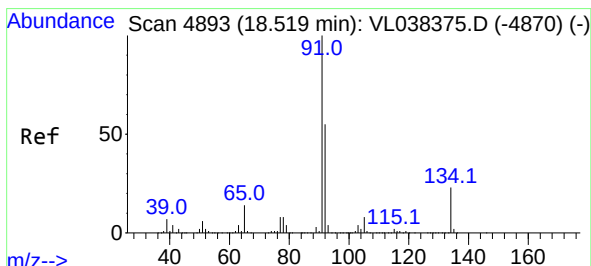
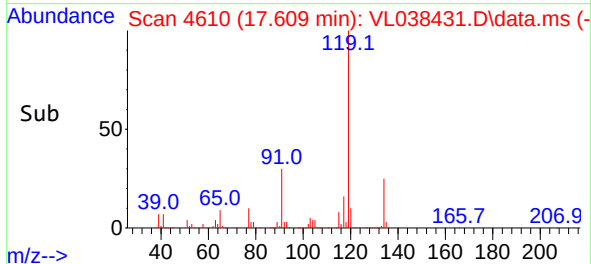
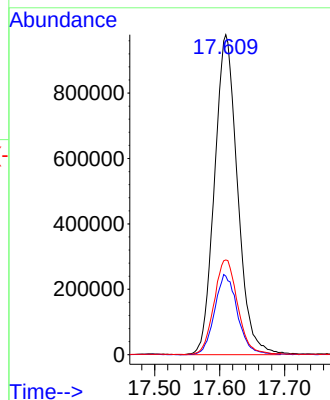
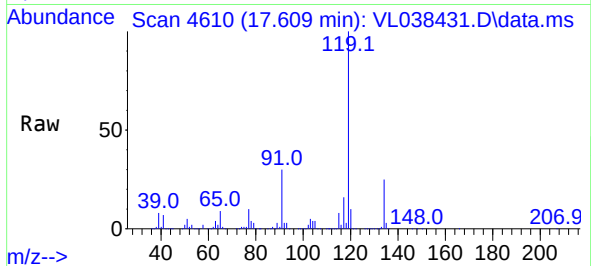
VSTDCCC010

Tgt Ion:119 Resp: 239981
Ion Ratio Lower Upper
119 100
134 25.0 20.4 30.6
91 30.5 23.8 35.8

Manual Integrations

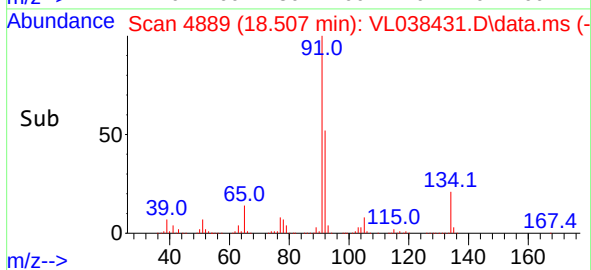
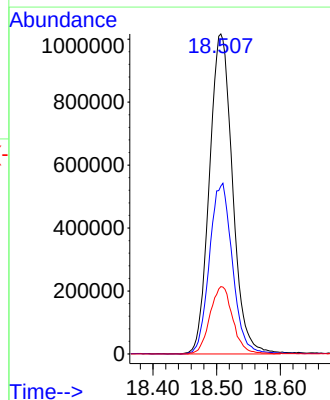
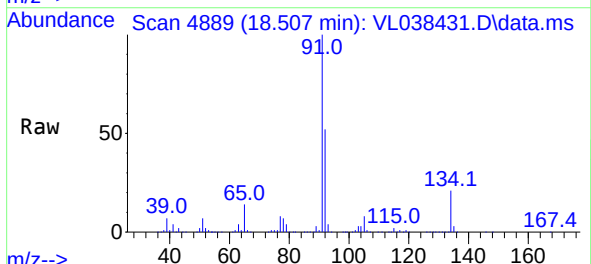
APPROVED

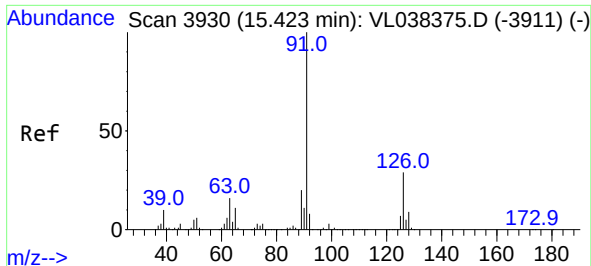
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#70
n-Butylbenzene
Concen: 8.608 ppbv
RT: 18.507 min Scan# 4889
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion: 91 Resp: 2567170
Ion Ratio Lower Upper
91 100
92 53.3 43.1 64.7
134 20.8 17.4 26.0





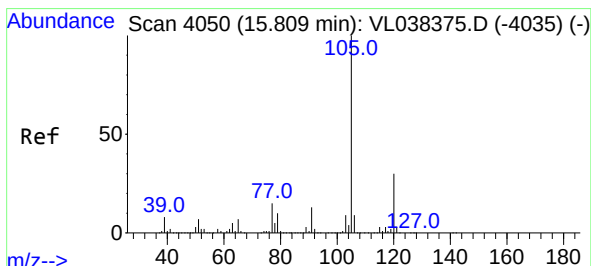
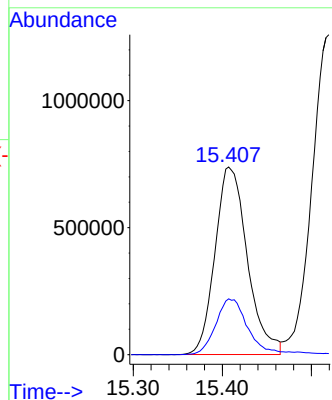
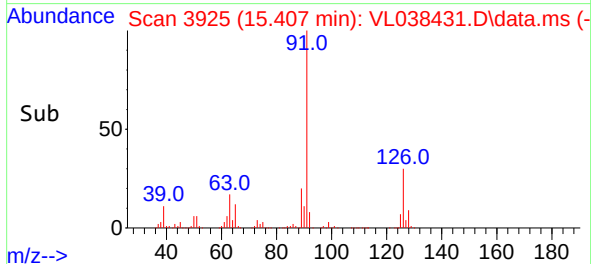
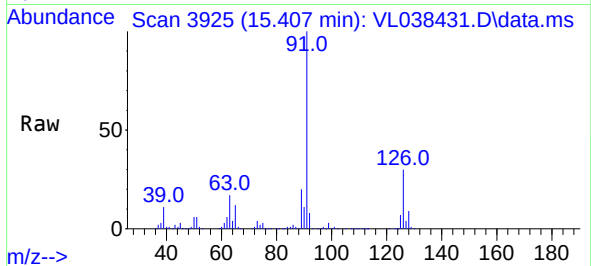
#71
2-Chlorotoluene
Concen: 8.098 ppbv
RT: 15.407 min Scan# 3911
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 186170
Ion Ratio Lower Upper
91 100
126 30.7 11.9 47.7

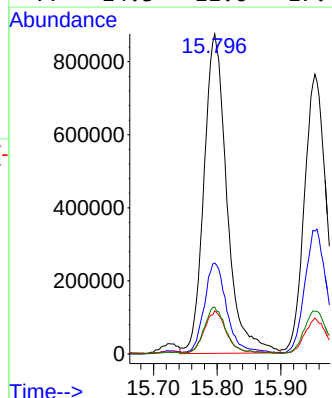
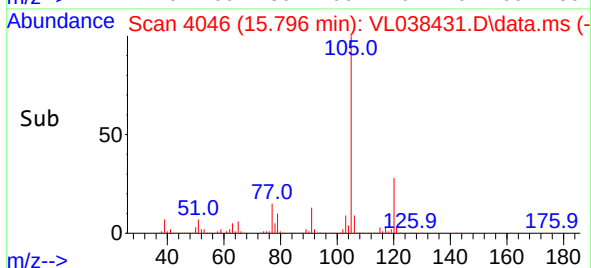
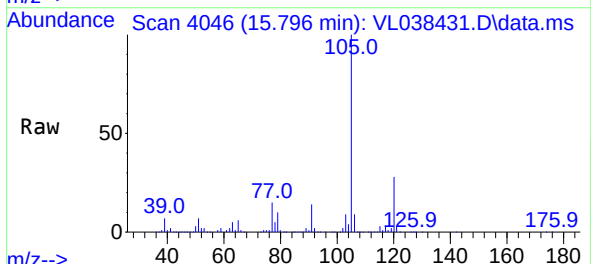
Manual Integrations
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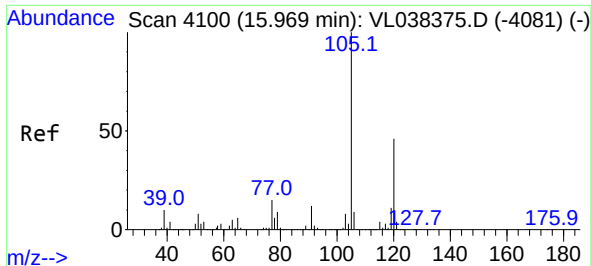
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#72
4-Ethyltoluene
Concen: 8.950 ppbv
RT: 15.796 min Scan# 4046
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion:105 Resp: 2196636
Ion Ratio Lower Upper
105 100
120 28.5 23.4 35.2
91 12.7 10.4 15.6
77 14.3 11.6 17.4





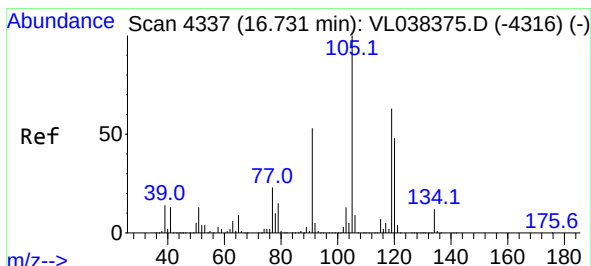
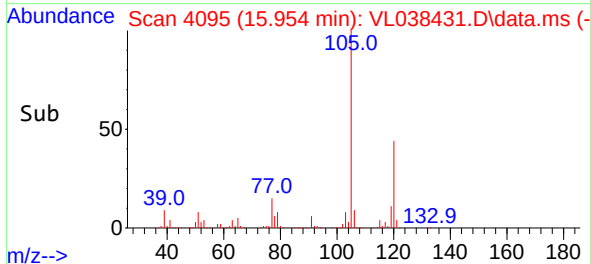
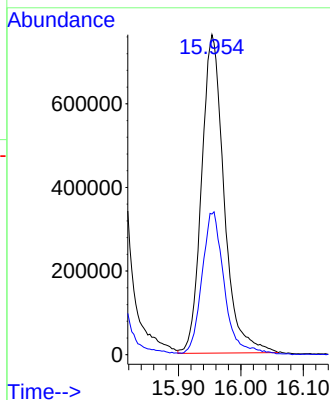
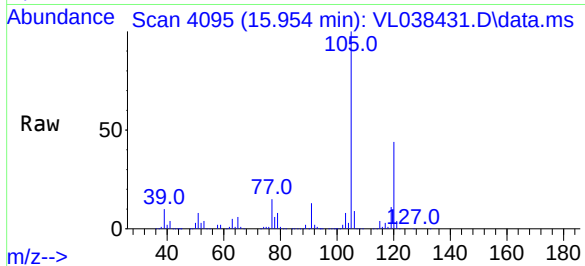
#73
1,3,5-Trimethylbenzene
Concen: 8.566 ppbv
RT: 15.954 min Scan# 4095
Delta R.T. -0.016 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 190921
Ion Ratio Lower Upper
105 100
120 43.9 36.6 55.0

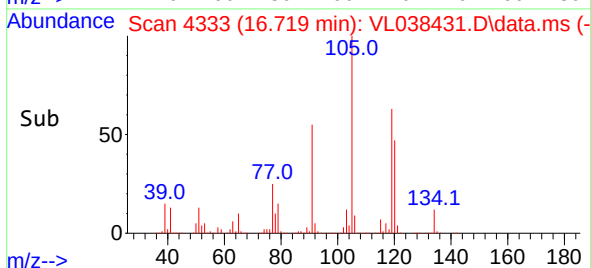
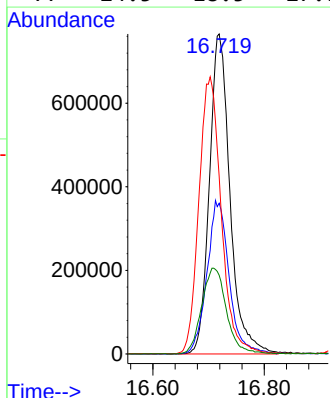
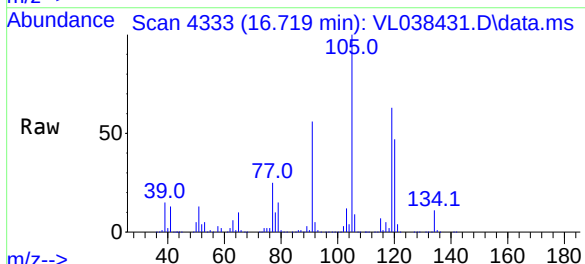
Manual Integrations
APPROVED

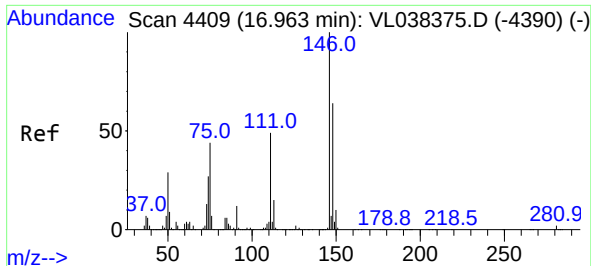
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#74
1,2,4-Trimethylbenzene
Concen: 8.361 ppbv
RT: 16.719 min Scan# 4333
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Tgt Ion:105 Resp: 1967581
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.4
91 55.3 42.7 64.1
77 24.5 18.5 27.7





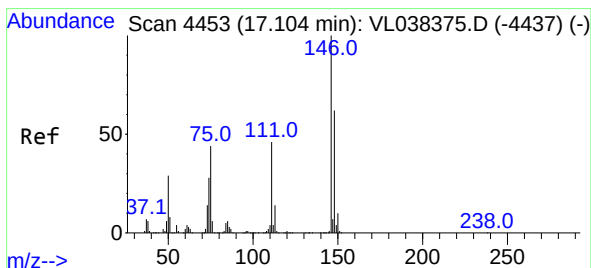
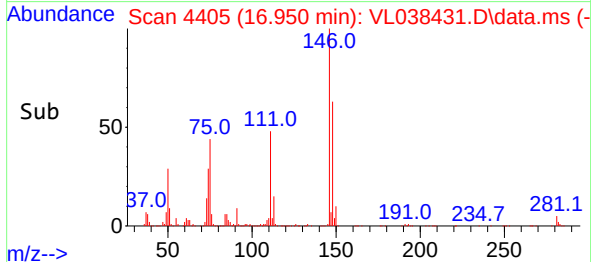
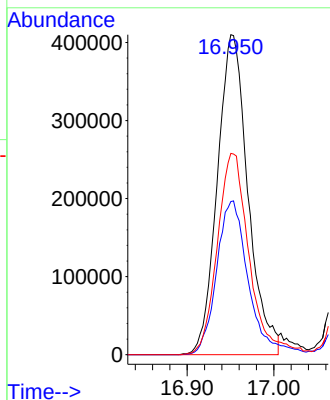
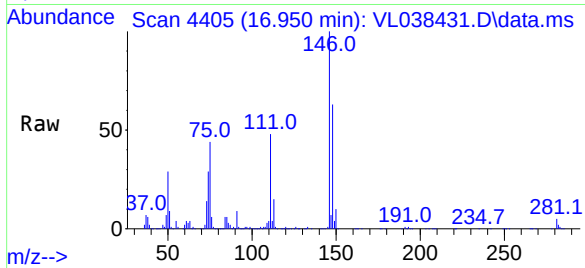
#75
1,3-Dichlorobenzene
Concen: 7.651 ppbv
RT: 16.950 min Scan# 4405
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 100843
Ion Ratio Lower Upper
146 100
111 49.8 24.3 72.9
148 65.7 32.0 96.0

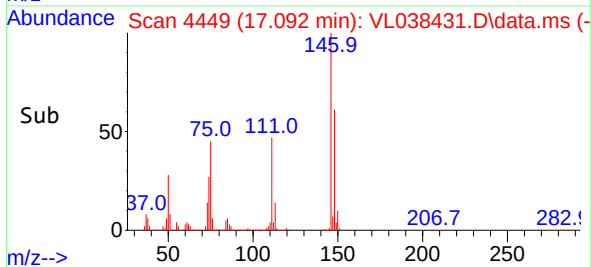
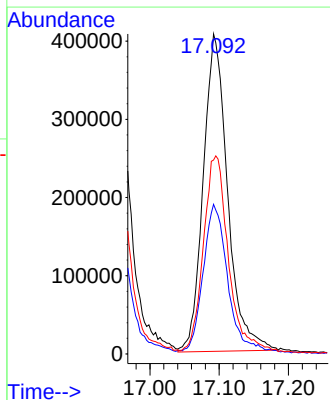
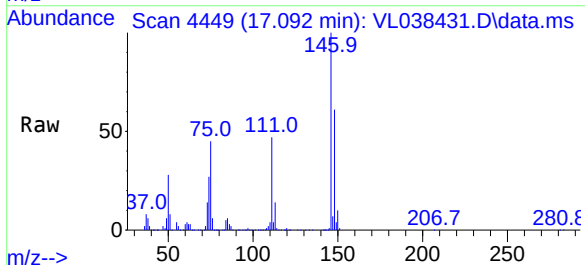
Manual Integrations
APPROVED

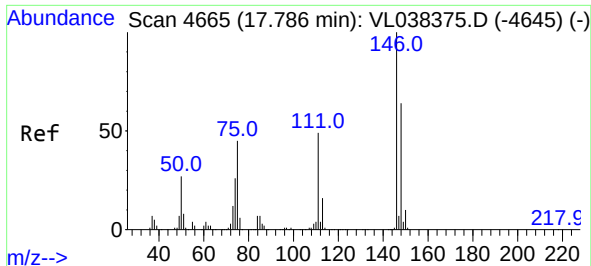
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#76
1,4-Dichlorobenzene
Concen: 7.628 ppbv
RT: 17.092 min Scan# 4449
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

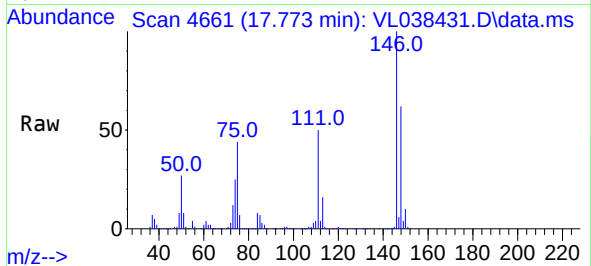
Tgt Ion:146 Resp: 991441
Ion Ratio Lower Upper
146 100
111 48.8 24.1 72.2
148 65.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 7.716 ppbv
RT: 17.773 min Scan# 4661
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

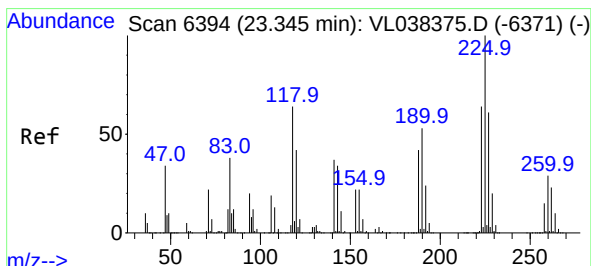
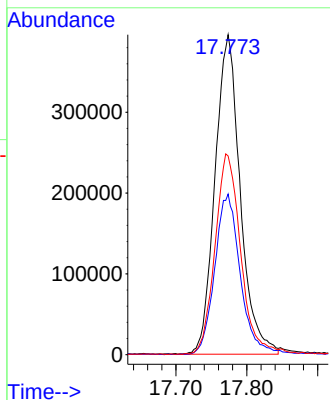
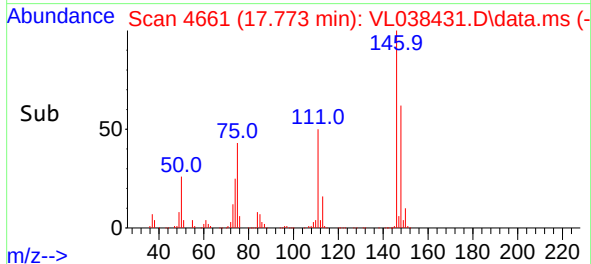
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



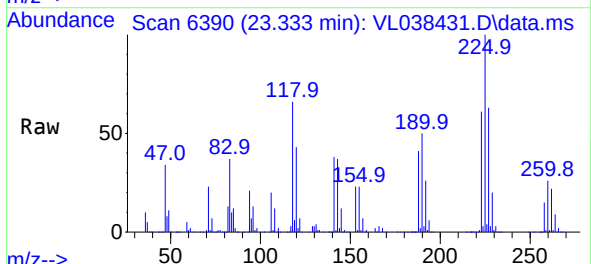
Tgt Ion:146 Resp: 978978
Ion Ratio Lower Upper
146 100
111 51.8 25.6 76.6
148 64.4 32.4 97.2

Manual Integrations
APPROVED

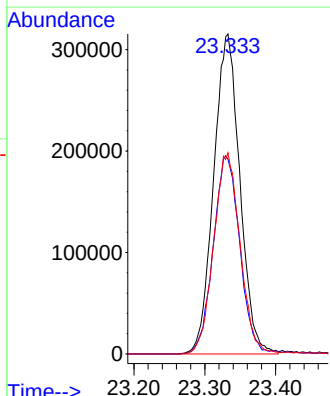
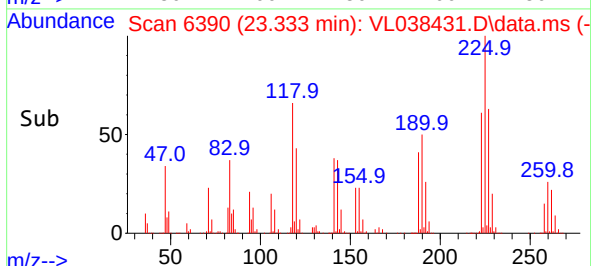
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

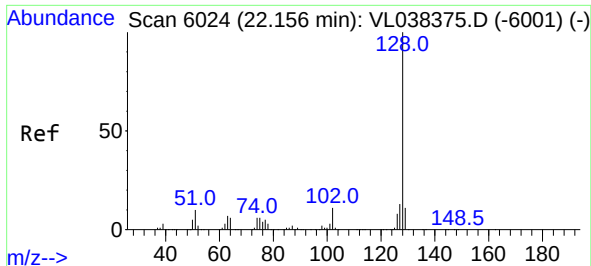


#78
Hexachloro-1,3-Butadiene
Concen: 8.370 ppbv
RT: 23.333 min Scan# 6390
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



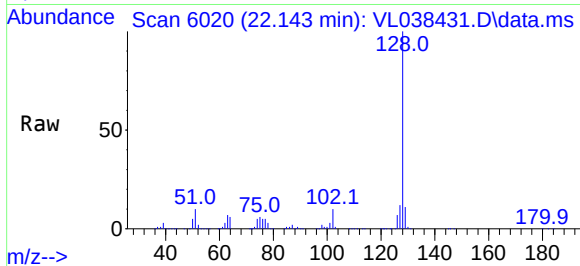
Tgt Ion:225 Resp: 809867
Ion Ratio Lower Upper
225 100
223 63.2 52.0 78.0
227 64.2 51.6 77.4





#79
Naphthalene
Concen: 11.844 ppbv
RT: 22.143 min Scan# 6020
Delta R.T. -0.013 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09

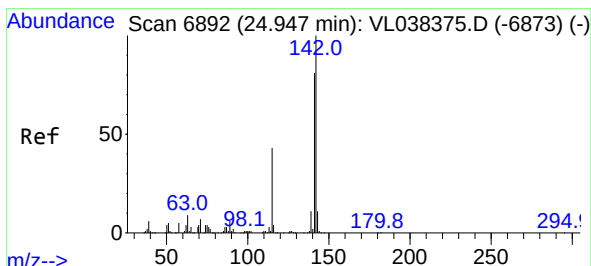
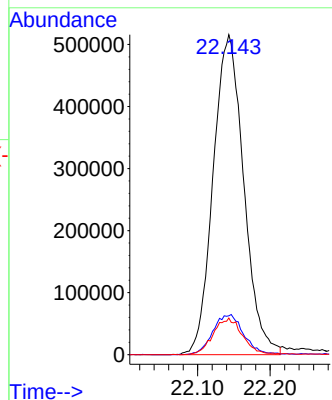
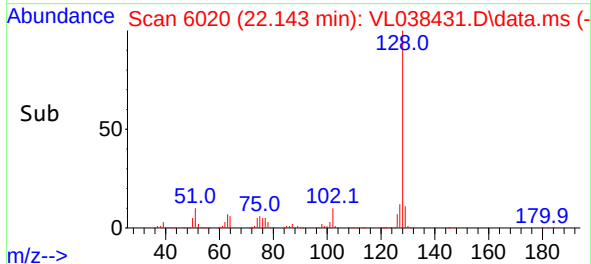
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



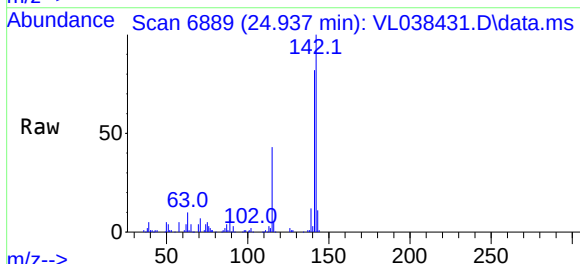
Tgt Ion:128 Resp: 1510104
Ion Ratio Lower Upper
128 100
127 12.0 10.7 16.1
129 11.5 8.8 13.2

Manual Integrations
APPROVED

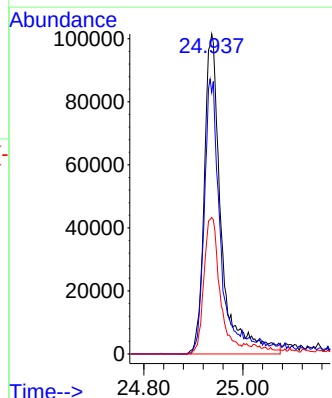
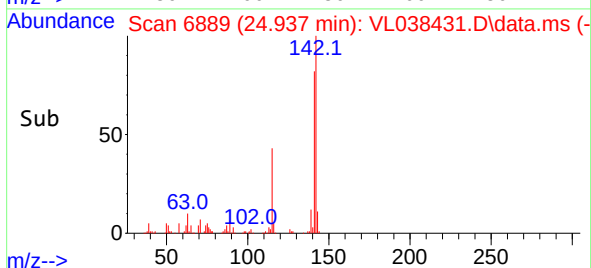
Reviewed By :Semsettin Yesilyurt 02/28/2022
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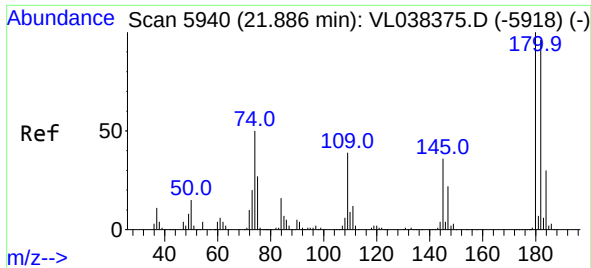


#80
Naphthalene,2-methyl-
Concen: 9.716 ppbv
RT: 24.937 min Scan# 6889
Delta R.T. -0.009 min
Lab File: VL038431.D
Acq: 24 Feb 2022 11:09



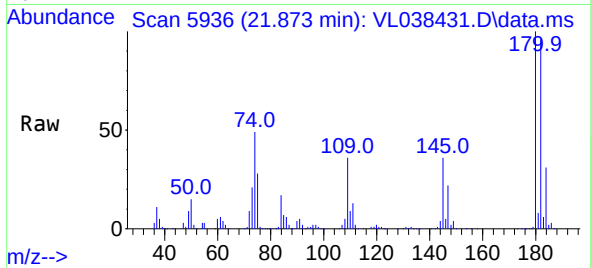
Tgt Ion:142 Resp: 242104
Ion Ratio Lower Upper
142 100
141 83.9 69.8 104.6
115 44.3 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.534 ppbv
 RT: 21.873 min Scan# 5936
 Delta R.T. -0.013 min
 Lab File: VL038431.D
 Acq: 24 Feb 2022 11:09

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 81210
 Ion Ratio Lower Upper
 180 100
 182 98.2 77.4 116.2
 184 30.8 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

