

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038682.D
 Acq On : 22 Mar 2022 12:29
 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 03/23/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:13:11 2022

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)

Internal Standards						
1) Bromochloromethane	5.652	49	866886	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2314984	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	2208163m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 1693416 10.003 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1008346	8.653	ppbv	99
3) Chlorodifluoromethane	2.983	51	916028	10.005	ppbv	100
4) Chloromethane	3.134	50	502319	9.993	ppbv	96
5) Vinyl Chloride	3.250	62	492080	9.634	ppbv	100
6) Bromomethane	3.468	94	279008	10.247	ppbv	97
7) Chloroethane	3.549	64	168401	9.959	ppbv	97
8) Dichlorotetrafluoroethane	3.182	85	1145152	9.842	ppbv	98
9) Propene	3.005	41	442438	10.009	ppbv	100
10) Heptane	8.105	43	1144836	10.835	ppbv	100
11) Trichlorofluoromethane	3.944	101	1047851	10.188	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.475	101	804830	10.165	ppbv	100
13) Ethanol	3.603	45	38901m	7.978	ppbv	
14) Bromoethene	3.732	108	364293	10.353	ppbv	98
15) Acetone	3.838	43	728731	9.742	ppbv	100
16) 1,3-Butadiene	3.320	39	445774	10.501	ppbv	98
17) tert-Butyl alcohol	4.272	59	730925	11.188	ppbv	100
18) 1,1-Dichloroethene	4.279	96	366028	10.291	ppbv	98
19) Isopropyl Alcohol	3.951	45	428547	10.333	ppbv	100
20) Methylene Chloride	4.333	84	298159	9.463	ppbv	96
21) Allyl Chloride	4.401	41	543954	10.104	ppbv	98
22) trans-1,2-Dichloroethene	4.873	96	395393	10.717	ppbv	95
23) Vinyl Acetate	5.060	43	782115	10.798	ppbv	99
24) 1,1-Dichloroethane	4.999	63	730305	10.238	ppbv	99
25) Ethyl Acetate	5.661	43	1971031	10.467	ppbv	99
26) Hexane	5.674	57	860496	10.208	ppbv	99
27) Carbon Disulfide	4.539	76	925683	11.193	ppbv	99
28) Methyl tert-Butyl Ether	5.021	73	657338	10.468	ppbv	99
29) Chloroform	5.738	83	1373469	10.175	ppbv	98
30) Cyclohexane	7.115	84	740684	10.105	ppbv	98
31) cis-1,2-Dichloroethene	5.536	61	848875	10.709	ppbv	96
32) 1,1,1-Trichloroethane	6.497	97	1339497	10.283	ppbv	99
34) 2-Butanone	5.230	43	854195	9.323	ppbv	99
35) Carbon Tetrachloride	7.002	117	1394866	10.385	ppbv	99
36) Benzene	6.877	78	1844885	10.326	ppbv	99
37) 1,2-Dichloroethane	6.291	62	945697	10.405	ppbv	100
38) Trichloroethene	7.819	130	779490	10.415	ppbv	98
39) 1,2-Dichloropropane	7.597	63	714322	10.227	ppbv	99
40) 1,4-Dioxane	7.809	88	241964	9.975	ppbv #	1
41) Tetrahydrofuran	6.031	42	743080	10.896	ppbv	99
42) Bromodichloromethane	7.774	83	1465868	10.758	ppbv	99
43) Methyl Methacrylate	7.996	69	747408	11.267	ppbv	100
44) 2,2,4-Trimethylpentane	7.851	57	3040767	10.136	ppbv	100
45) t-1,3-Dichloropropene	9.259	75	822371	12.193	ppbv	99

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

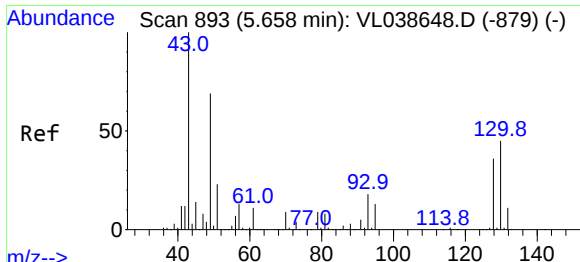
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 2

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

Response via : Initial Calibration

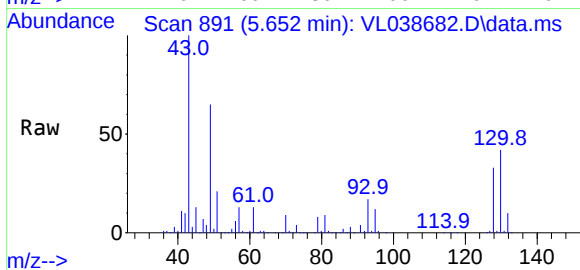
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	1050444	11.518	ppbv	99
47) 1,1,2-Trichloroethane	9.458	97	759103	10.180	ppbv	99
48) Dibromochloromethane	10.285	129	1304812	11.170	ppbv	99
49) Bromoform	13.021	173	1079525	11.339	ppbv	99
50) 4-Methyl-2-Pentanone	8.719	43	1843908	10.824	ppbv	100
51) 2-Hexanone	10.111	43	1459946	11.932	ppbv	99
52) Tetrachloroethene	11.201	164	668213	10.220	ppbv	95
53) Toluene	9.786	91	2107283	10.977	ppbv	100
54) 1,2-Dibromoethane	10.590	107	1127312	11.071	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.108	131	904462	9.880	ppbv	99
57) Chlorobenzene	12.127	112	1551322	9.741	ppbv	98
58) Ethyl Benzene	12.690	91	2742122	10.622	ppbv	99
59) m/p-Xylene	12.979	91	4604769m	20.392	ppbv	
60) o-Xylene	13.671	91	2190337	10.216	ppbv	100
61) Styrene	13.507	104	1324333	11.390	ppbv	98
62) Isopropylbenzene	14.645	105	3256758	10.104	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.654	83	1471469	8.860	ppbv	99
64) n-propylbenzene	15.542	120	863771	10.213	ppbv	96
65) tert-Butylbenzene	16.725	119	2842344	9.814	ppbv	99
66) Benzyl Chloride	16.966	91	696683	12.704	ppbv	99
67) sec-Butylbenzene	17.275	105	4117739	9.941	ppbv	100
69) p-Isopropyltoluene	17.632	119	3451590	10.210	ppbv	100
70) n-Butylbenzene	18.529	91	3607050	10.345	ppbv	100
71) 2-Chlorotoluene	15.433	91	2409071	10.070	ppbv	99
72) 4-Ethyltoluene	15.818	105	2645804	10.454	ppbv	100
73) 1,3,5-Trimethylbenzene	15.976	105	2360343	10.234	ppbv	100
74) 1,2,4-Trimethylbenzene	16.741	105	2523019	10.044	ppbv	95
75) 1,3-Dichlorobenzene	16.976	146	1578746	9.867	ppbv	99
76) 1,4-Dichlorobenzene	17.117	146	1538148	9.666	ppbv	98
77) 1,2-Dichlorobenzene	17.796	146	1546961	9.760	ppbv	99
78) Hexachloro-1,3-Butadiene	23.352	225	1256185	8.574	ppbv	99
79) Naphthalene	22.165	128	2383969	12.421	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	649180	12.614	ppbv	99
81) 1,2,4-Trichlorobenzene	21.898	180	1361907	10.366	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

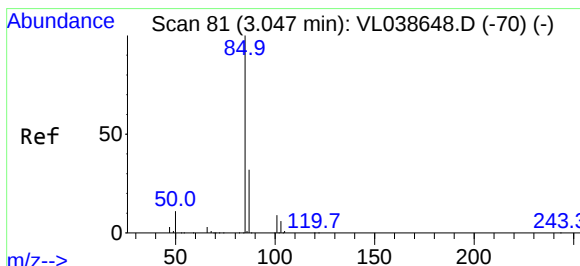
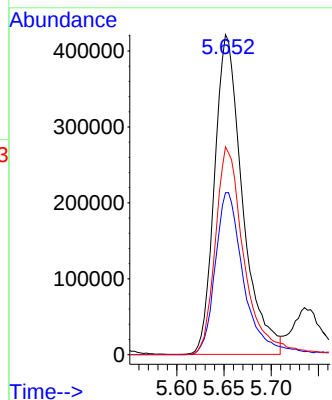
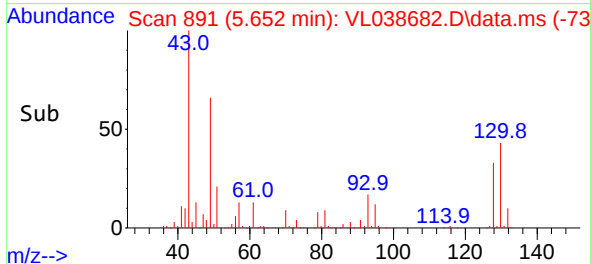
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



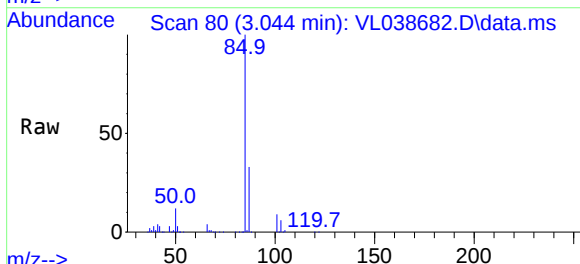
Tgt Ion: 49 Resp: 866880
Ion Ratio Lower Upper
49 100
128 52.9 26.2 78.6
130 68.6 33.7 101.1

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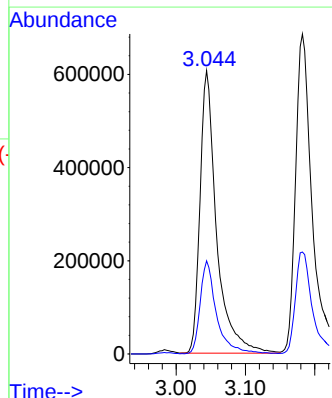
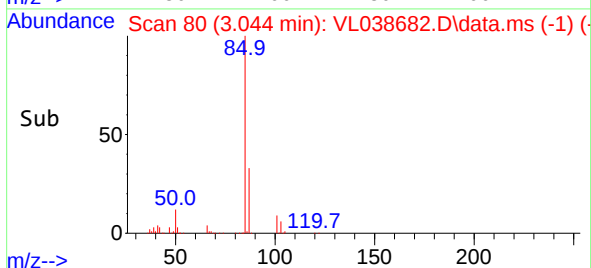
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

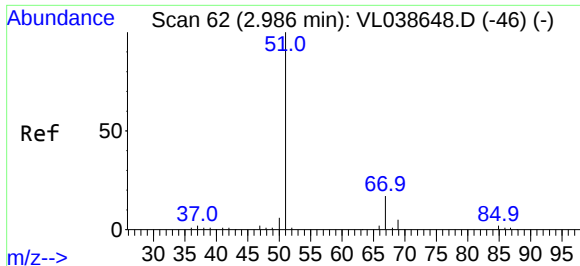


#2
Dichlorodifluoromethane
Concen: 8.653 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 85 Resp: 1008346
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





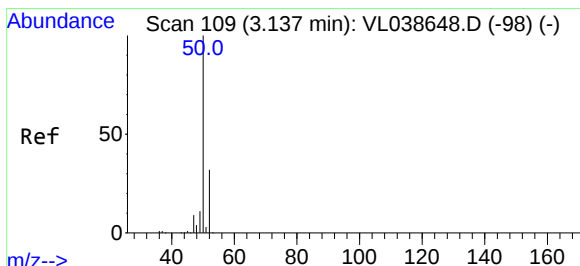
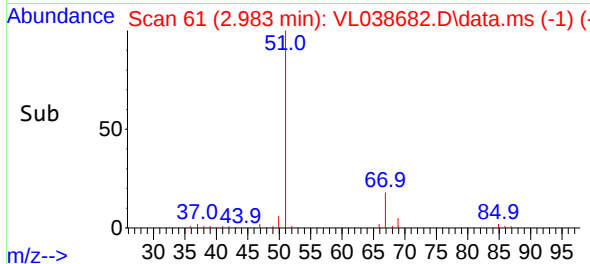
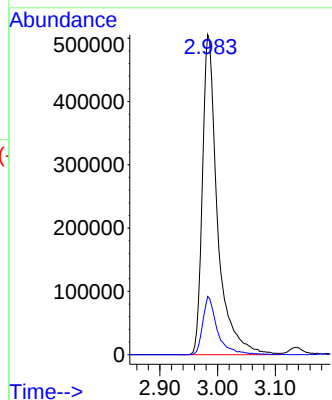
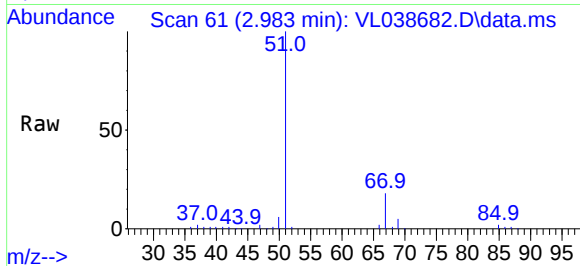
#3
Chlorodifluoromethane
Concen: 10.005 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 916028
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1

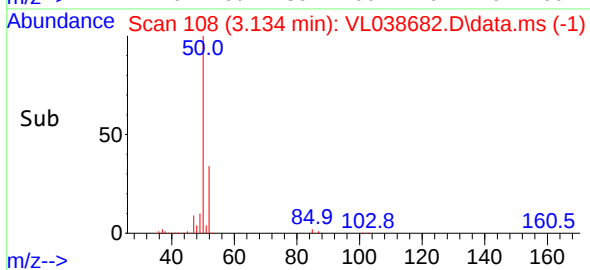
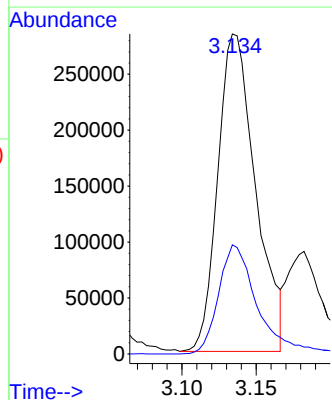
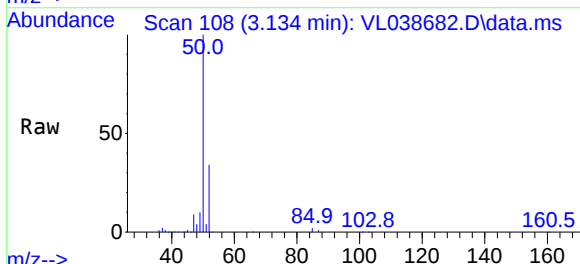
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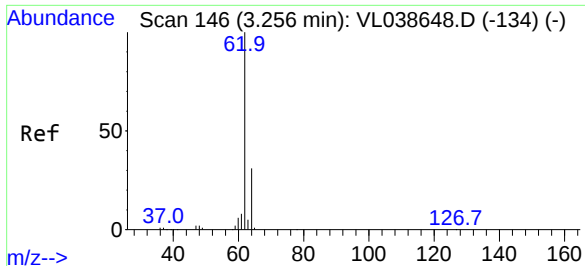
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#4
Chloromethane
Concen: 9.993 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

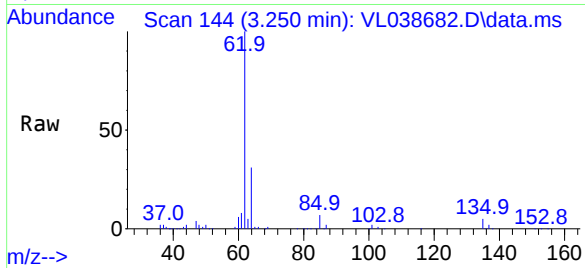
Tgt Ion: 50 Resp: 502319
Ion Ratio Lower Upper
50 100
52 34.4 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.634 ppbv
 RT: 3.250 min Scan# 146
 Delta R.T. -0.007 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

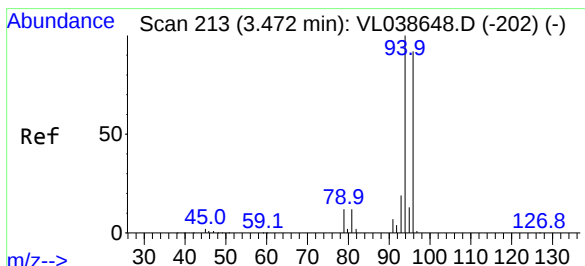
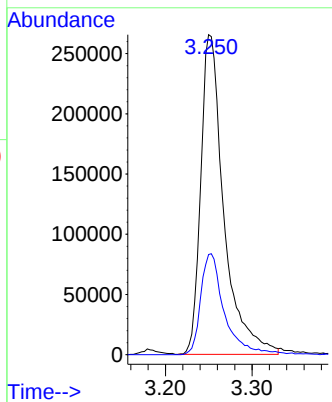
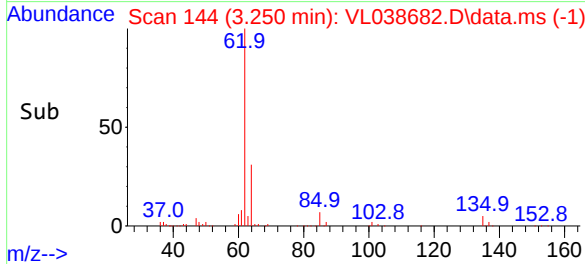
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 492080
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.0 37.4

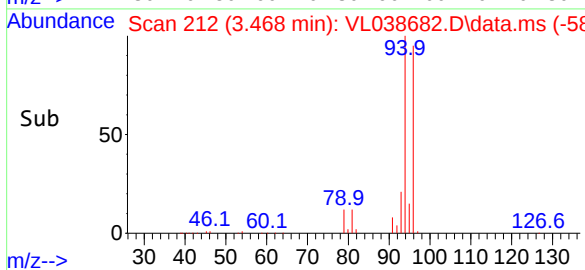
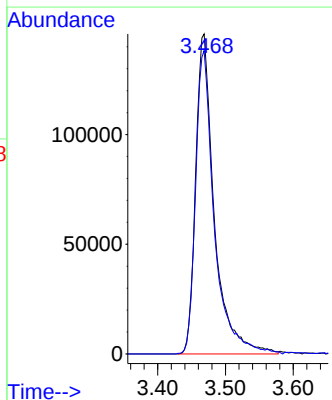
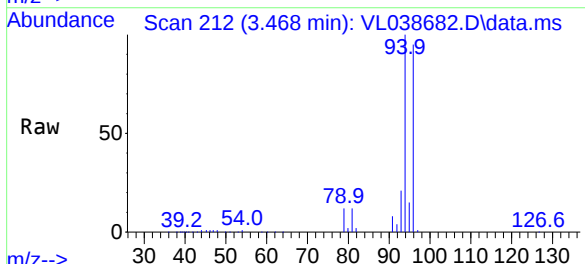
Manual Integrations
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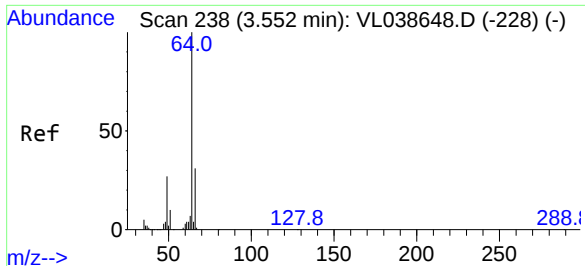
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#6
 Bromomethane
 Concen: 10.247 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.003 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

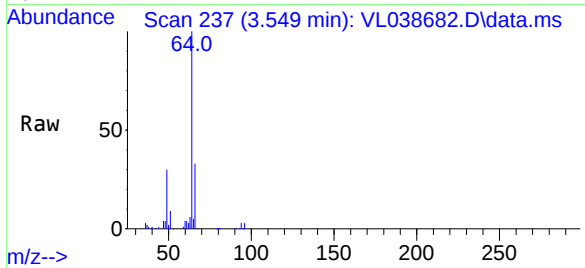
Tgt Ion: 94 Resp: 279008
 Ion Ratio Lower Upper
 94 100
 96 94.6 73.3 109.9





#7
Chloroethane
Concen: 9.959 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

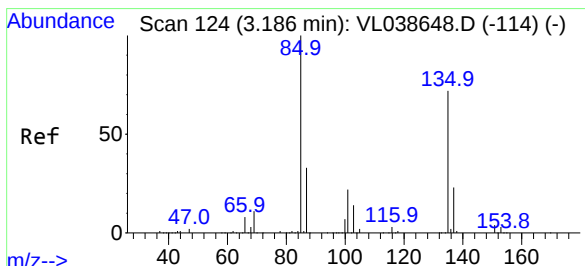
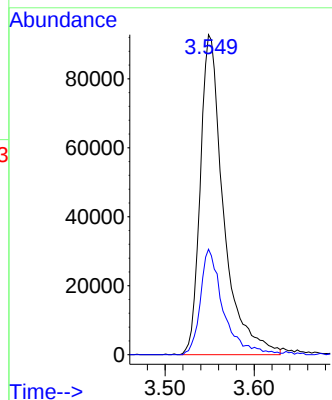
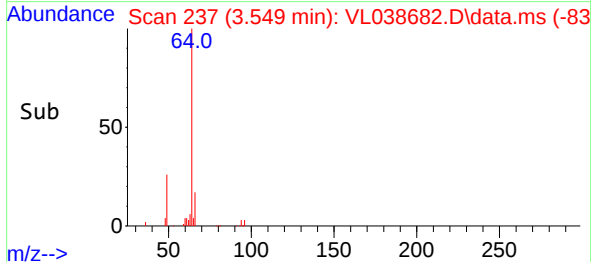
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



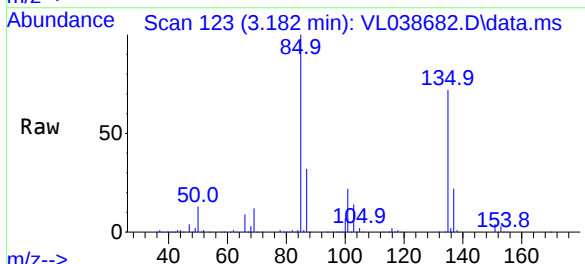
Tgt Ion: 64 Resp: 16840
Ion Ratio Lower Upper
64 100
66 32.9 25.0 37.6

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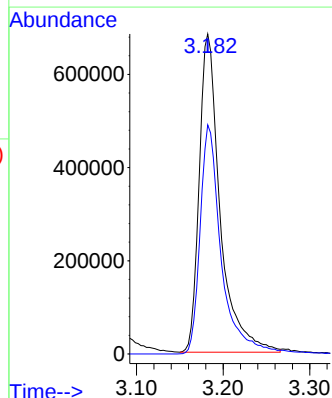
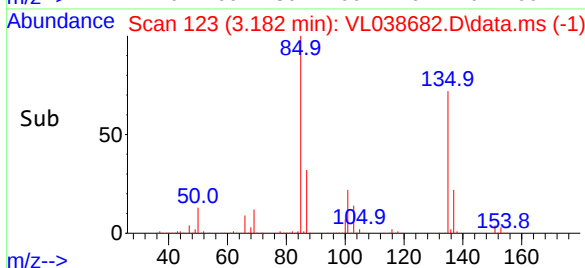
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

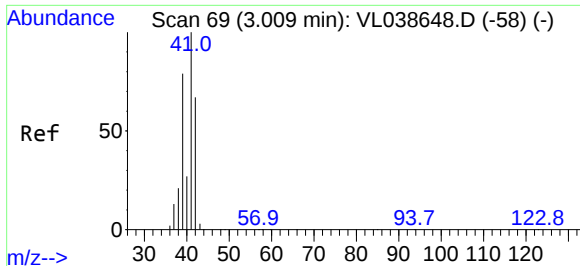


#8
Dichlorotetrafluoroethane
Concen: 9.842 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 85 Resp: 1145152
Ion Ratio Lower Upper
85 100
135 73.7 57.8 86.6





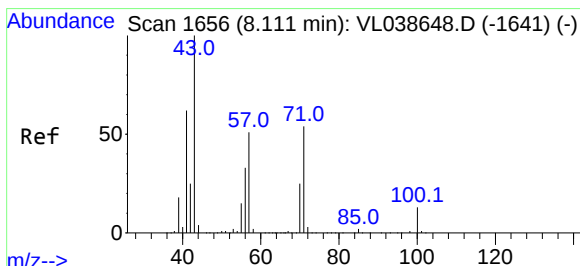
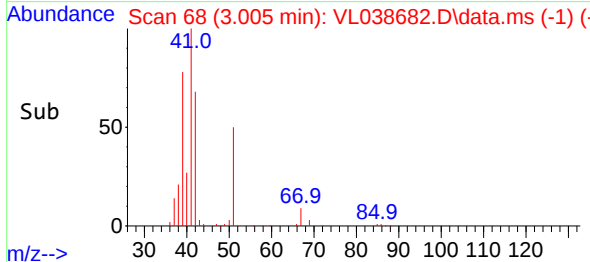
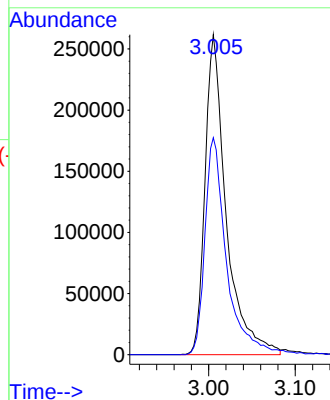
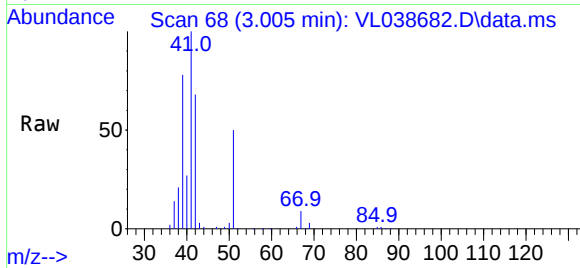
#9
Propene
Concen: 10.009 ppbv
RT: 3.005 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 442438
Ion Ratio Lower Upper
41 100
42 70.0 56.2 84.4

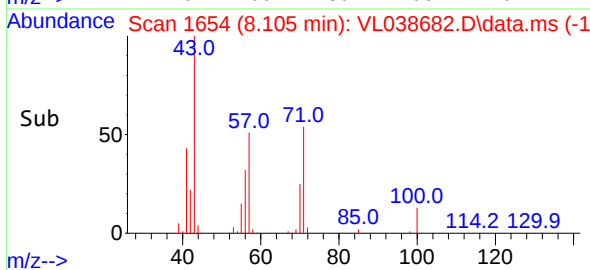
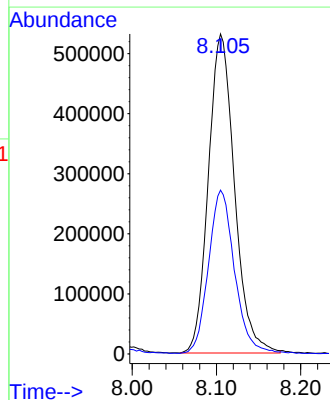
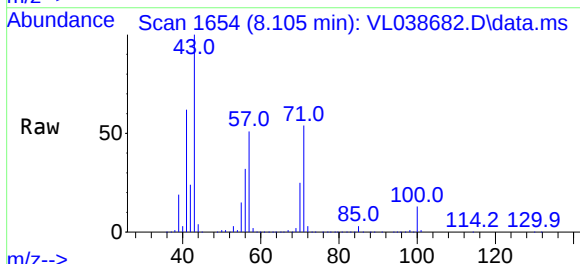
Manual Integrations
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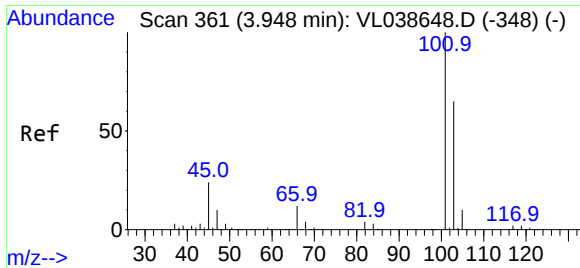
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#10
Heptane
Concen: 10.835 ppbv
RT: 8.105 min Scan# 1654
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

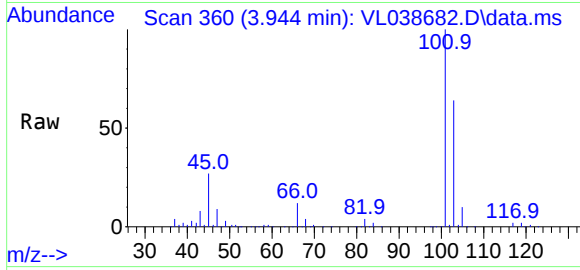
Tgt Ion: 43 Resp: 1144836
Ion Ratio Lower Upper
43 100
57 51.7 41.4 62.2





#11
Trichlorofluoromethane
Concen: 10.188 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

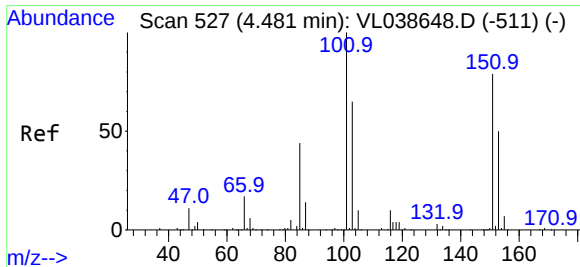
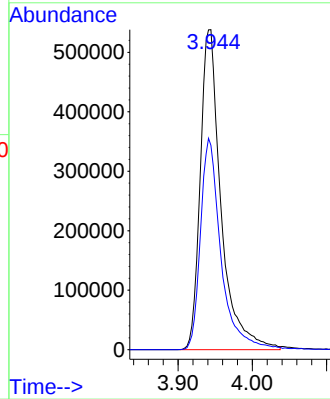
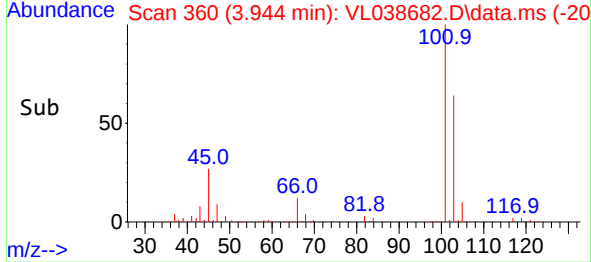
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



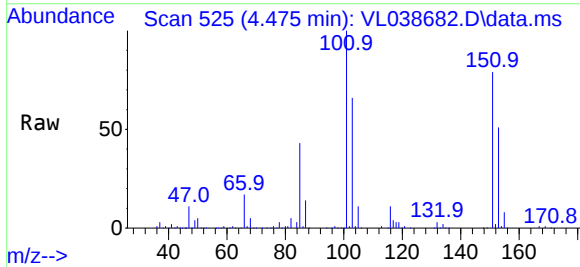
Tgt Ion:101 Resp: 104785
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

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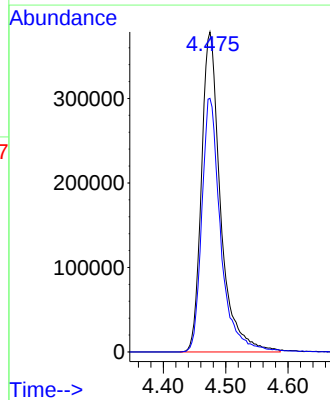
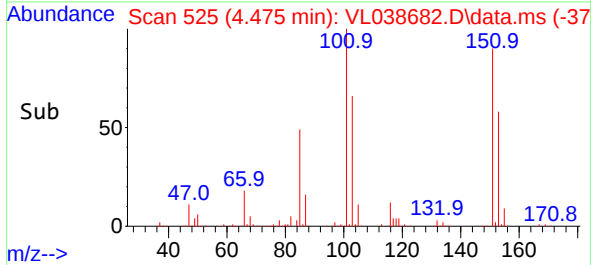
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

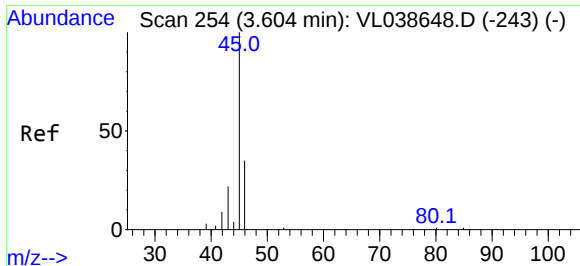


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.165 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



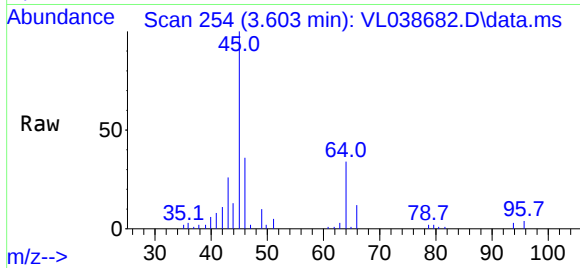
Tgt Ion:101 Resp: 804830
Ion Ratio Lower Upper
101 100
151 78.8 62.9 94.3





#13
Ethanol
Concen: 7.978 ppbv m
RT: 3.603 min Scan# 214
Delta R.T. -0.000 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

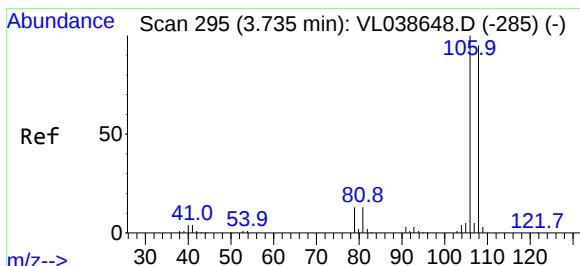
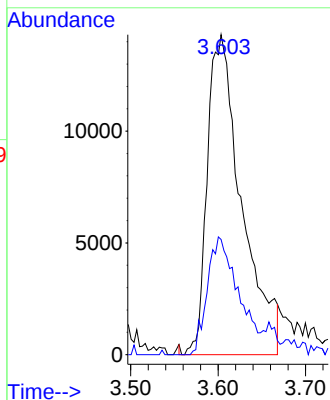
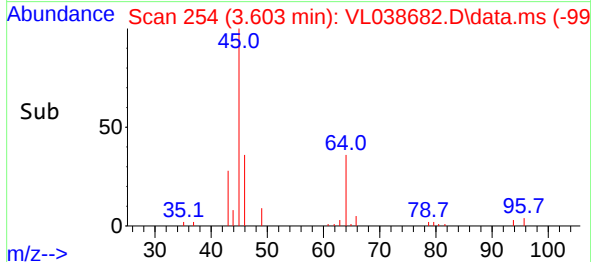
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



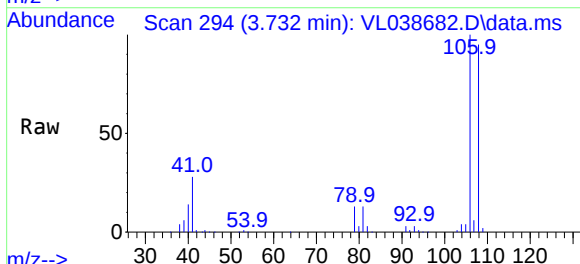
Tgt Ion: 45 Resp: 3890
Ion Ratio Lower Upper
45 100
46 0.0 15.1 60.5

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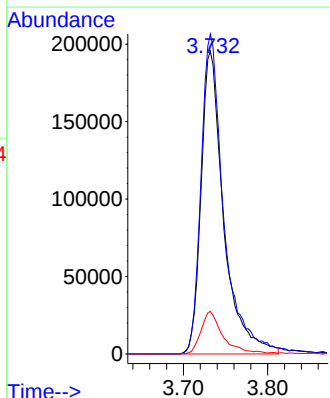
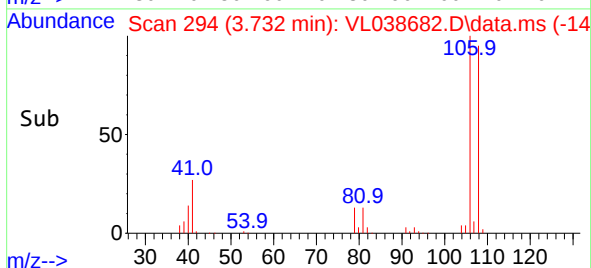
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

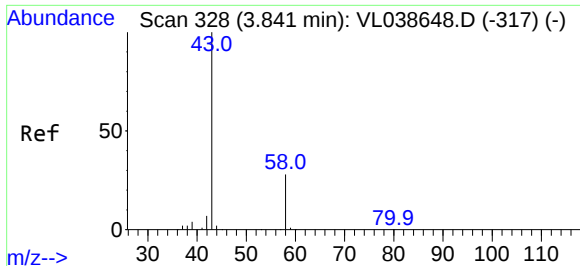


#14
Bromoethene
Concen: 10.353 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion:108 Resp: 364293
Ion Ratio Lower Upper
108 100
106 108.2 88.3 132.5
79 14.4 11.2 16.8





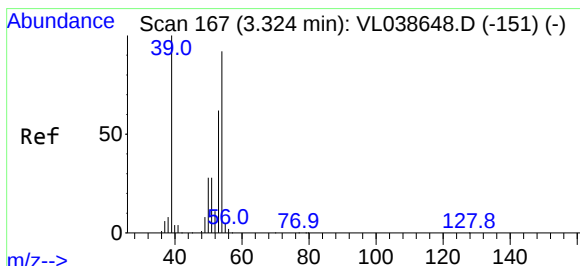
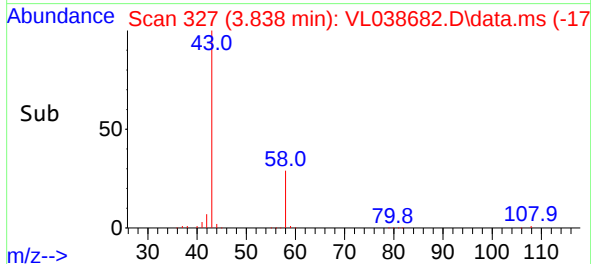
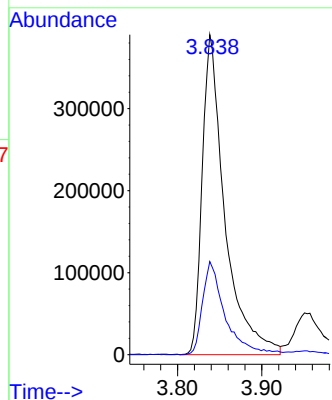
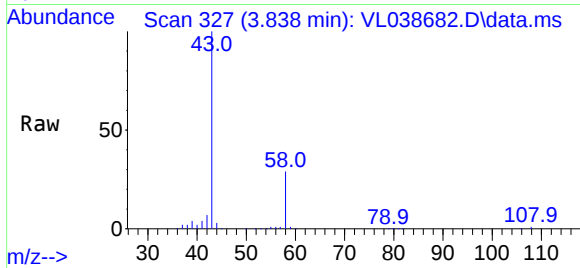
#15
Acetone
Concen: 9.742 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 72873
Ion Ratio Lower Upper
43 100
58 29.0 23.3 34.9

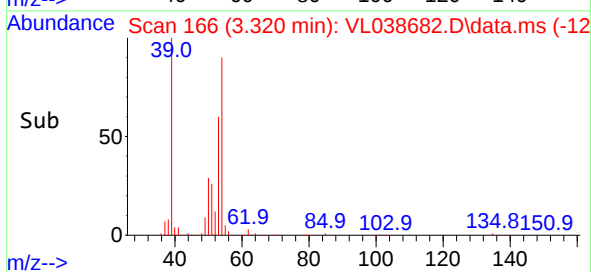
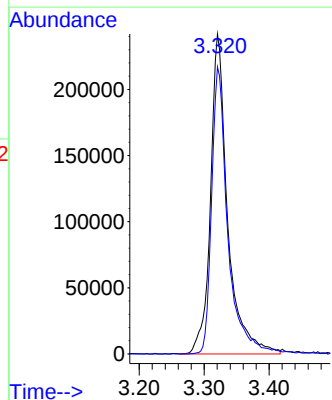
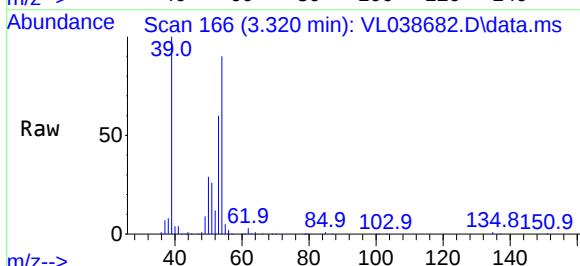
Manual Integrations
APPROVED

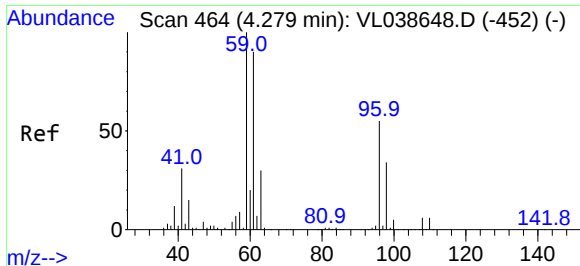
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#16
1,3-Butadiene
Concen: 10.501 ppbv
RT: 3.320 min Scan# 166
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

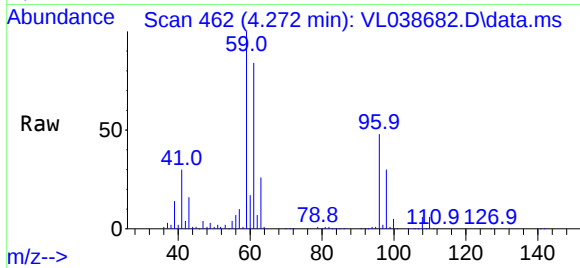
Tgt Ion: 39 Resp: 445774
Ion Ratio Lower Upper
39 100
54 84.9 69.1 103.7





#17
tert-Butyl alcohol
Concen: 11.188 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

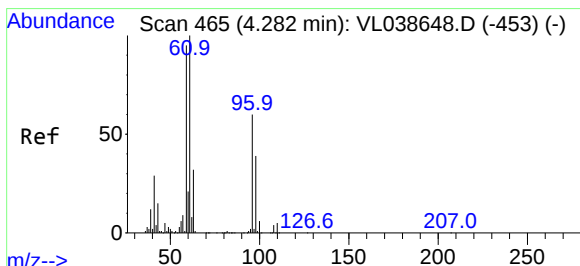
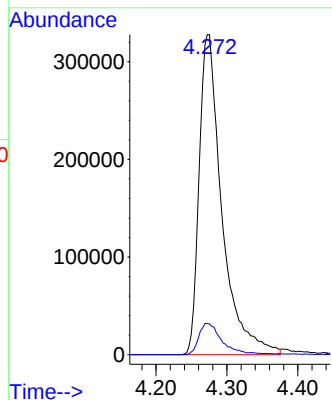
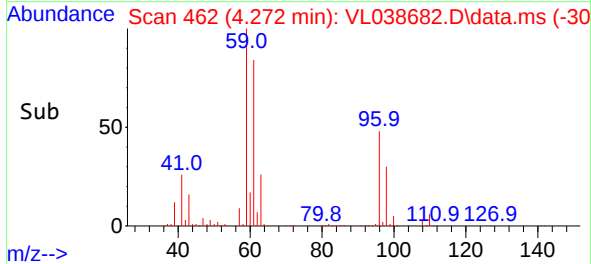
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



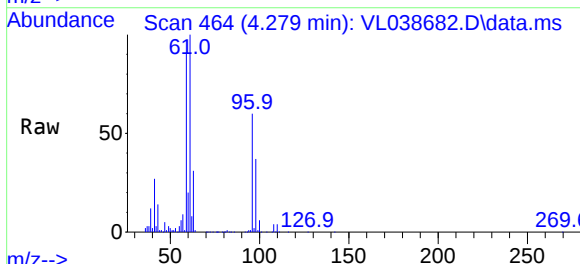
Tgt Ion: 59 Resp: 730925
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

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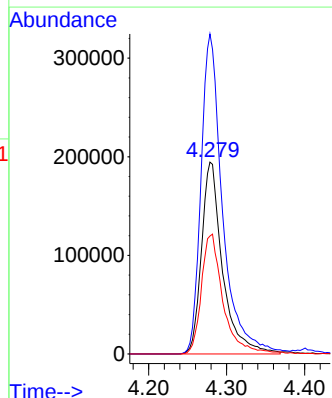
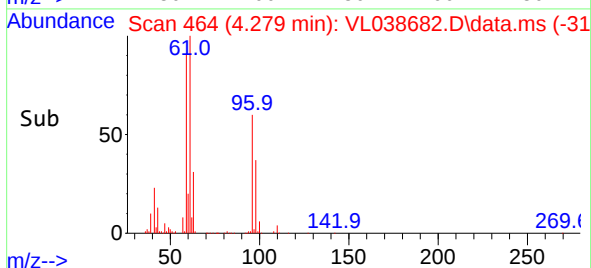
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

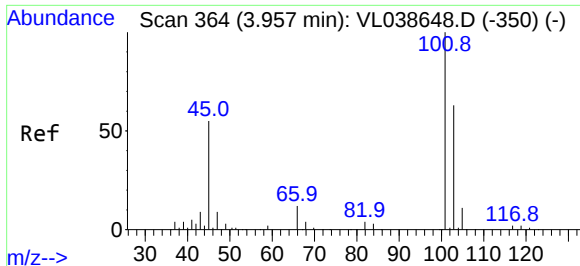


#18
1,1-Dichloroethene
Concen: 10.291 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 96 Resp: 366028
Ion Ratio Lower Upper
96 100
61 166.7 132.4 198.6
98 61.5 51.6 77.4





#19
Isopropyl Alcohol
Concen: 10.333 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

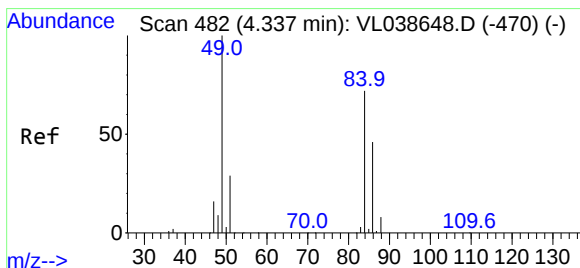
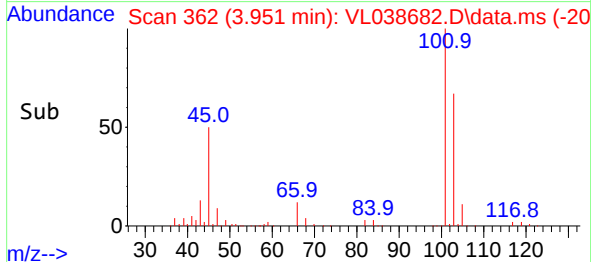
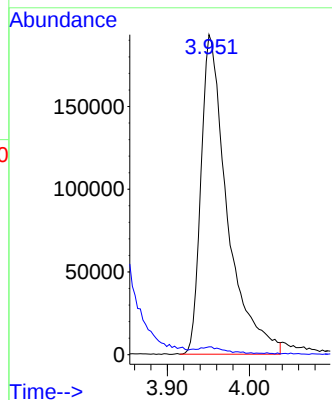
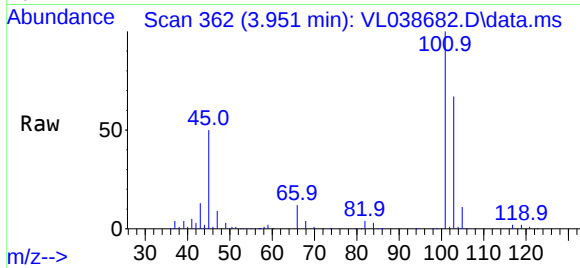
ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 42854
Ion Ratio Lower Upper
45 100
58 2.8 2.3 3.5

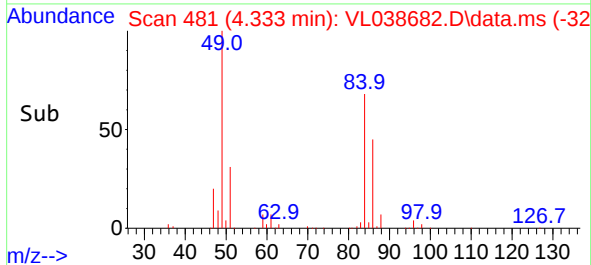
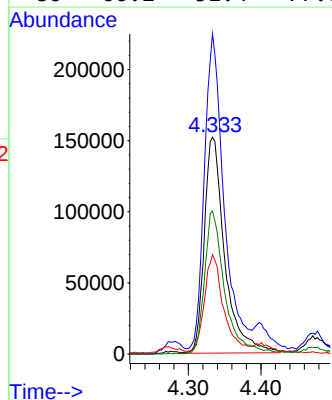
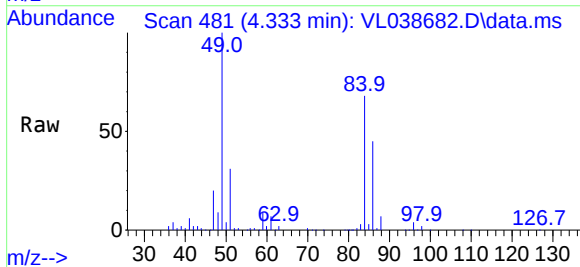
Manual Integrations
APPROVED

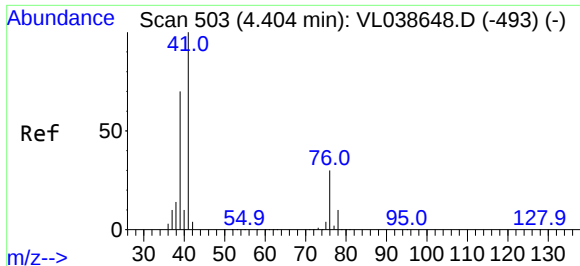
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#20
Methylene Chloride
Concen: 9.463 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

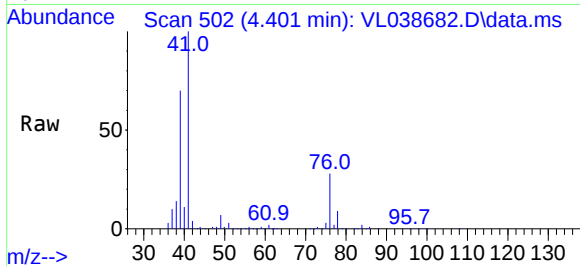
Tgt Ion: 84 Resp: 298159
Ion Ratio Lower Upper
84 100
49 144.5 111.2 166.8
51 44.5 32.8 49.2
86 66.2 51.4 77.0





#21
 Allyl Chloride
 Concen: 10.104 ppbv
 RT: 4.401 min Scan# 503
 Delta R.T. -0.003 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

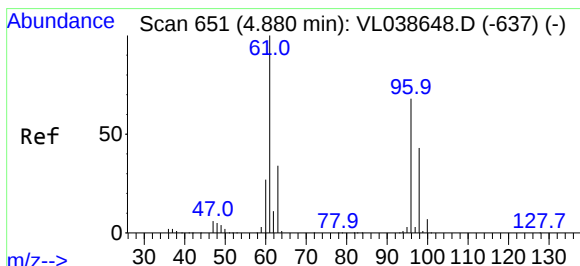
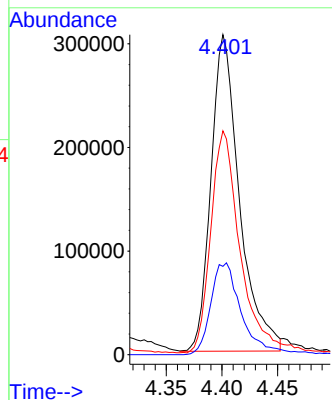
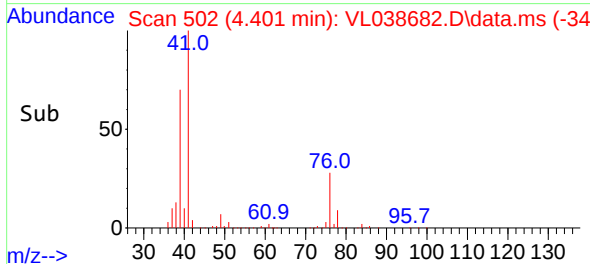
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 543954
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.0 37.6
 39 73.4 56.6 85.0

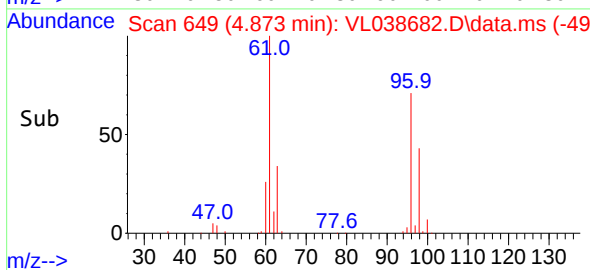
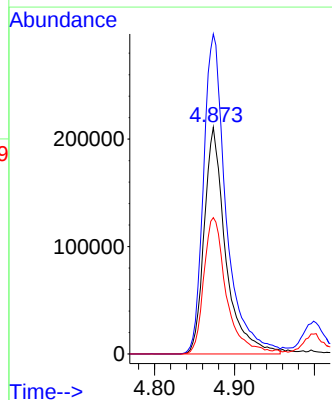
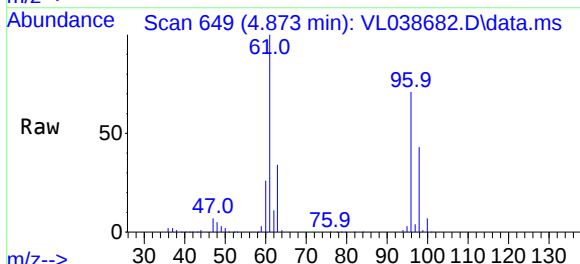
Manual Integrations
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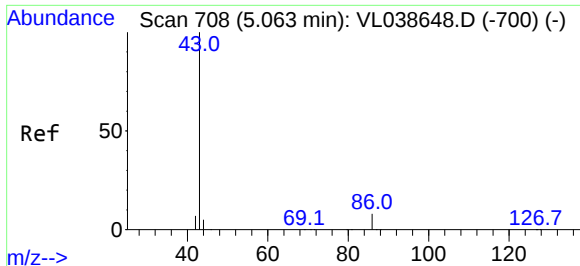
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.717 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. -0.007 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

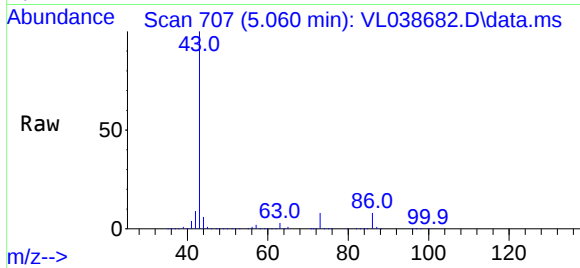
Tgt Ion: 96 Resp: 395393
 Ion Ratio Lower Upper
 96 100
 61 141.1 118.3 177.5
 98 60.1 51.3 76.9





#23
 Vinyl Acetate
 Concen: 10.798 ppbv
 RT: 5.060 min Scan# 708
 Delta R.T. -0.003 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

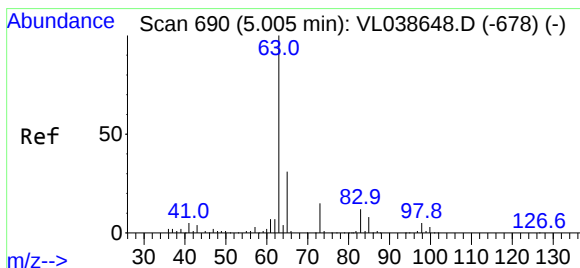
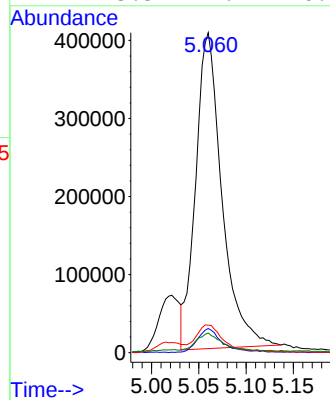
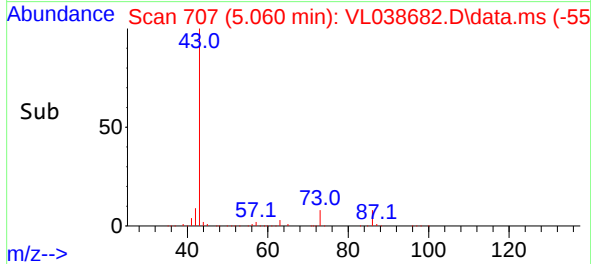
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 782115
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.6 8.4
 42 8.4 6.8 10.2
 44 5.5 4.2 6.2

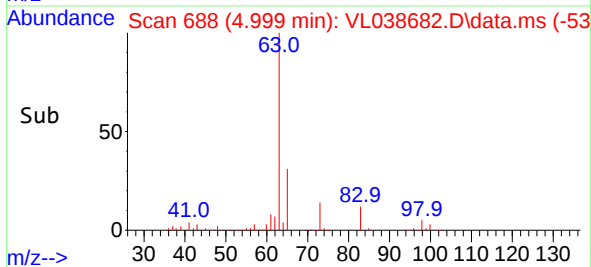
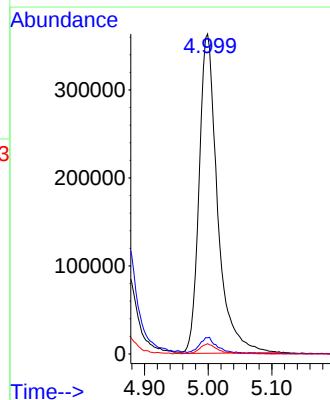
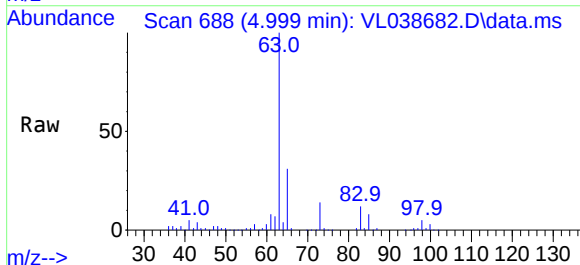
Manual Integrations
 APPROVED

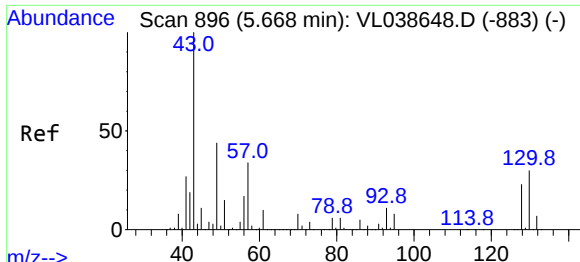
Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022



#24
 1,1-Dichloroethane
 Concen: 10.238 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.007 min
 Lab File: VL038682.D
 Acq: 22 Mar 2022 12:29

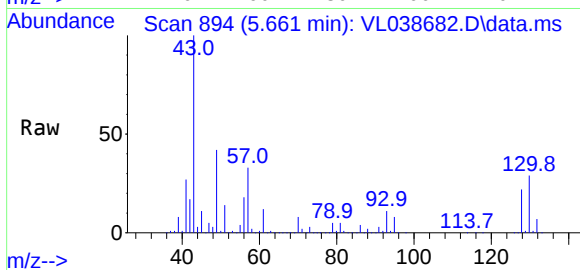
Tgt Ion: 63 Resp: 730305
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.5 7.5
 100 3.3 1.4 4.2





#25
Ethyl Acetate
Concen: 10.467 ppbv
RT: 5.661 min Scan# 896
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

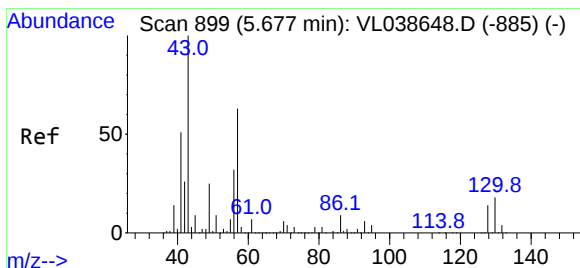
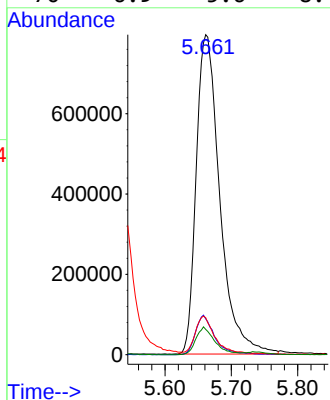
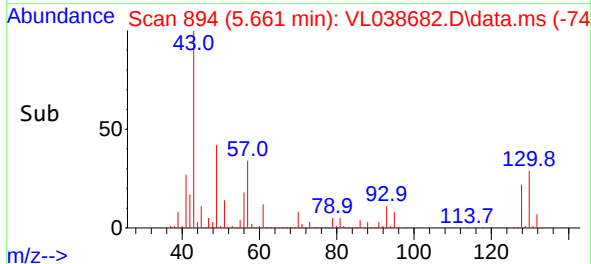


Tgt Ion: 43 Resp: 197103

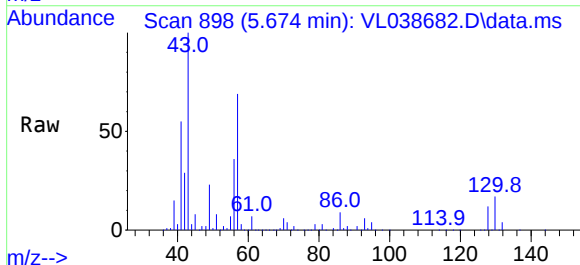
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.9	8.3	12.5
70	6.9	5.6	8.4

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

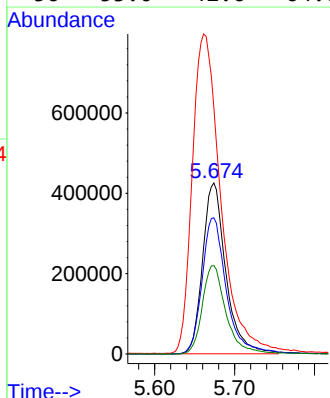
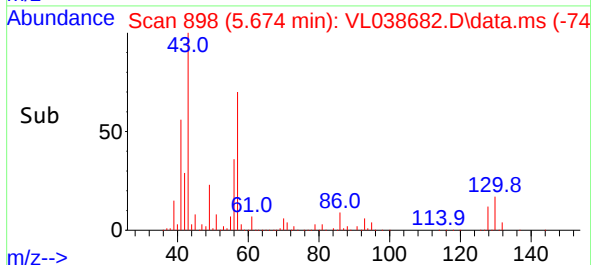


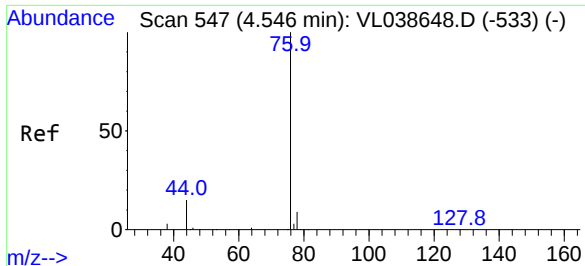
#26
Hexane
Concen: 10.208 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 57 Resp: 860496

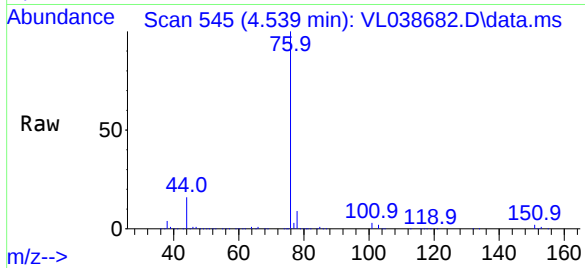
Ion	Ratio	Lower	Upper
57	100		
41	84.4	67.0	100.4
43	231.3	184.2	276.2
56	53.0	42.6	64.0





#27
Carbon Disulfide
Concen: 11.193 ppbv
RT: 4.539 min Scan# 54
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

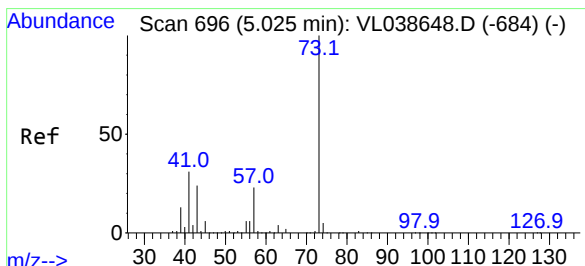
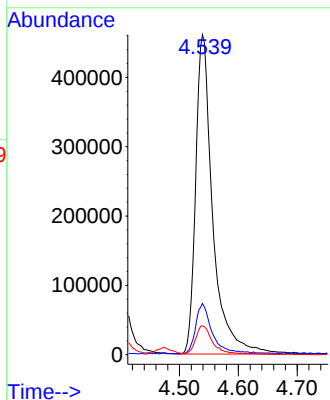
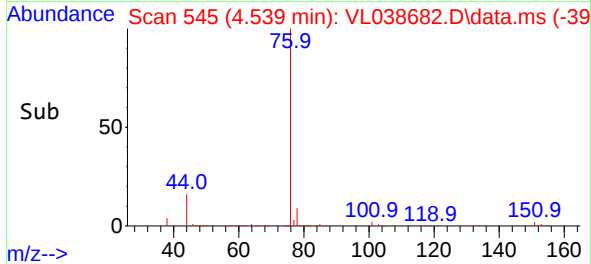
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 92568
Ion Ratio Lower Upper
76 100
44 15.6 12.4 18.6
78 9.4 7.8 11.8

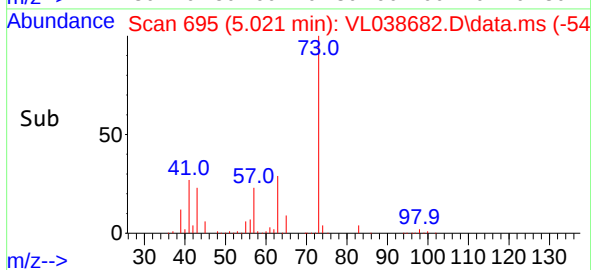
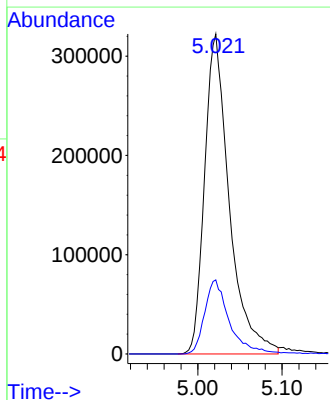
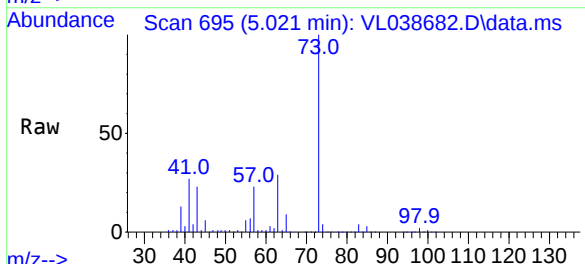
Manual Integrations
APPROVED

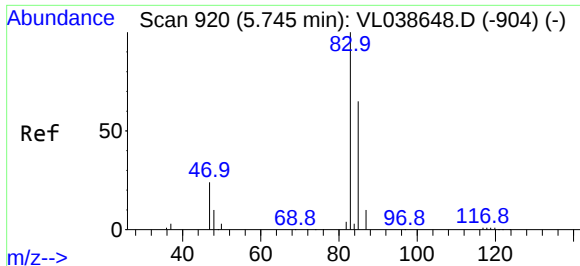
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
Methyl tert-Butyl Ether
Concen: 10.468 ppbv
RT: 5.021 min Scan# 695
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

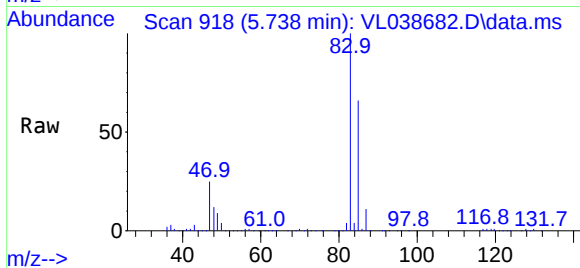
Tgt Ion: 73 Resp: 657338
Ion Ratio Lower Upper
73 100
57 23.4 19.2 28.8





#29
Chloroform
Concen: 10.175 ppbv
RT: 5.738 min Scan# 91
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

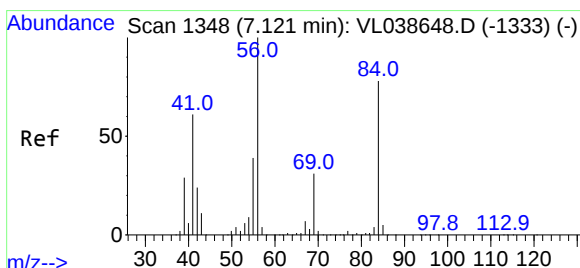
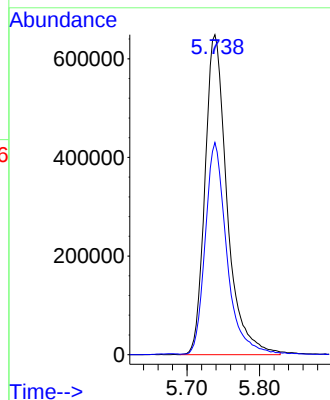
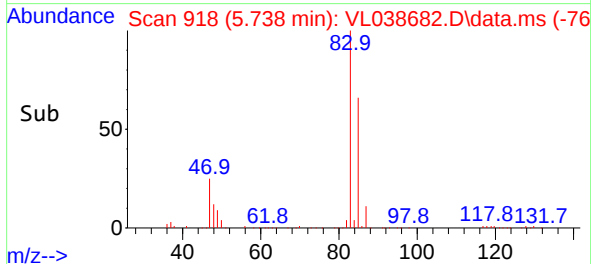
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



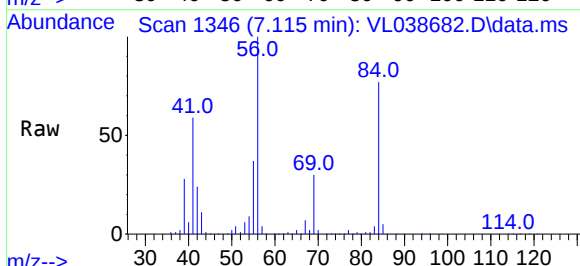
Tgt Ion: 83 Resp: 137346
Ion Ratio Lower Upper
83 100
85 66.2 51.7 77.5

Manual Integrations
APPROVED

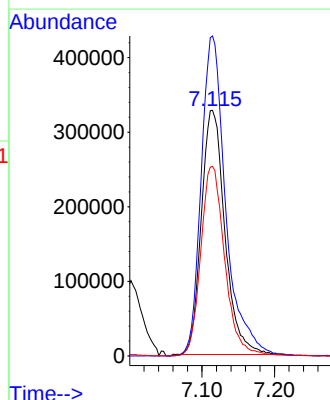
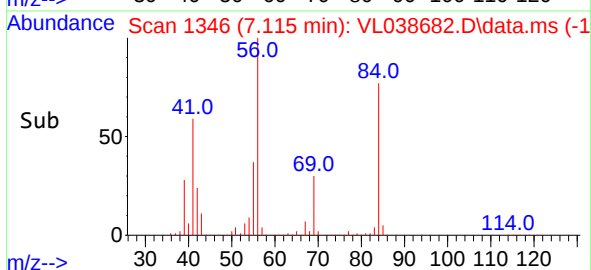
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

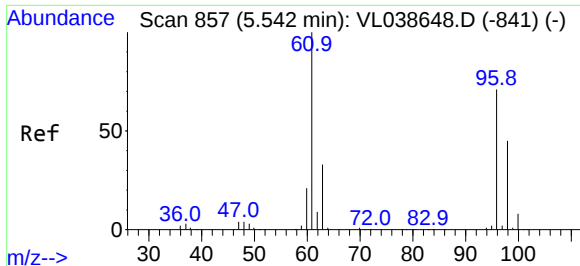


#30
Cyclohexane
Concen: 10.105 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



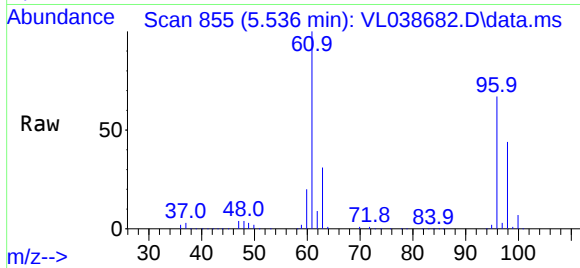
Tgt Ion: 84 Resp: 740684
Ion Ratio Lower Upper
84 100
56 137.3 108.2 162.4
41 79.2 61.8 92.6





#31
cis-1,2-Dichloroethene
Concen: 10.709 ppbv
RT: 5.536 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

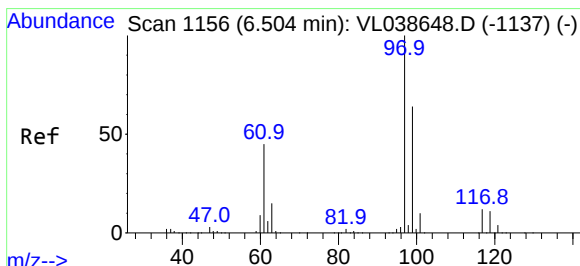
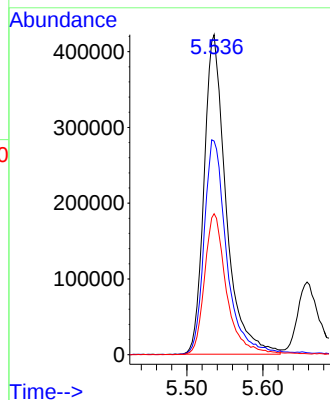
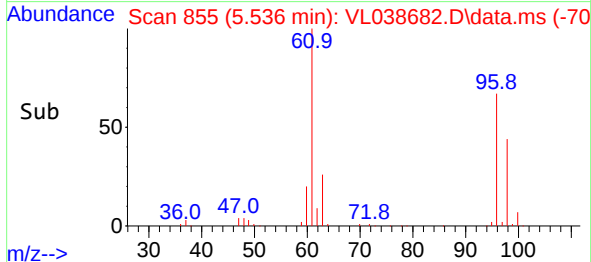
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



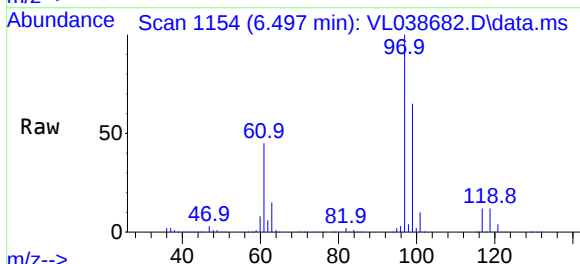
Tgt Ion: 61 Resp: 848875
Ion Ratio Lower Upper
61 100
96 66.7 56.6 84.8
98 44.0 36.3 54.5

Manual Integrations
APPROVED

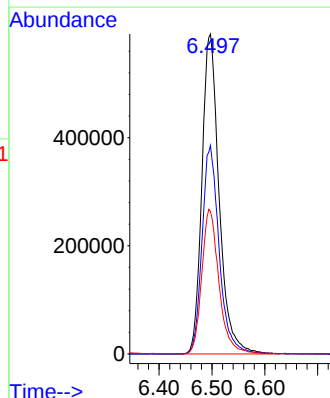
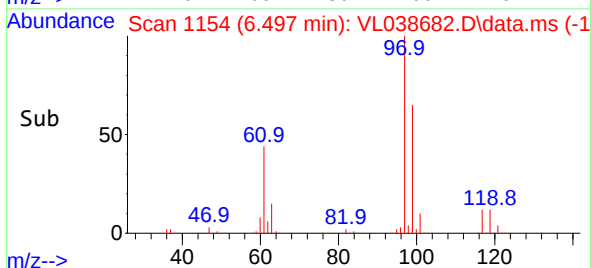
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

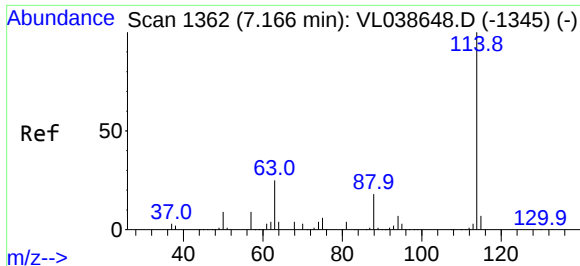


#32
1,1,1-Trichloroethane
Concen: 10.283 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 97 Resp: 1339497
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 45.0 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1114
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

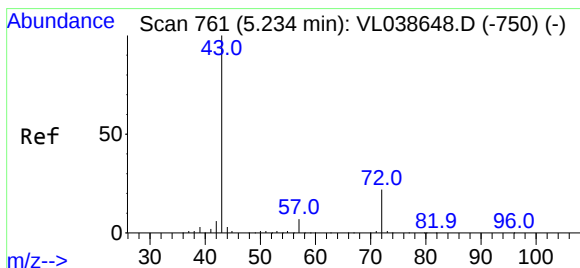
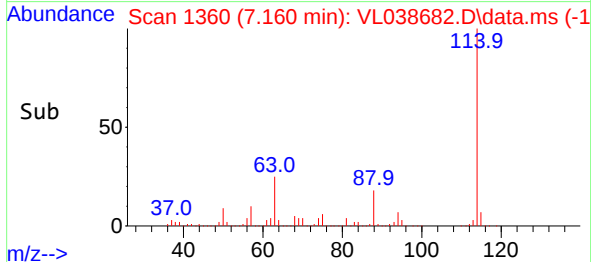
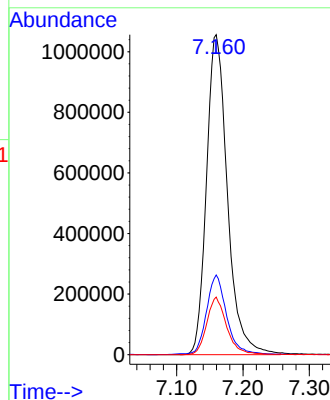
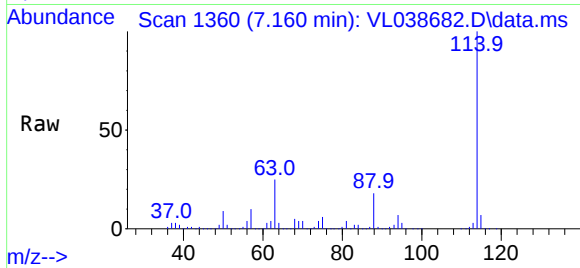
VSTDCCC010

Tgt Ion:114 Resp: 2314984
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 17.2 13.9 20.9

Manual Integrations

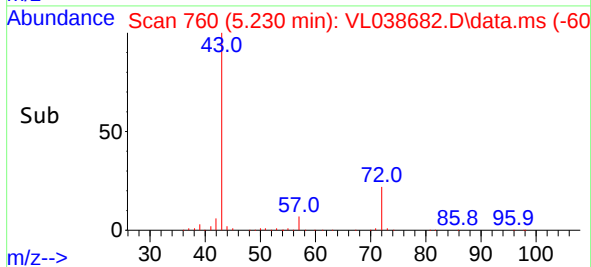
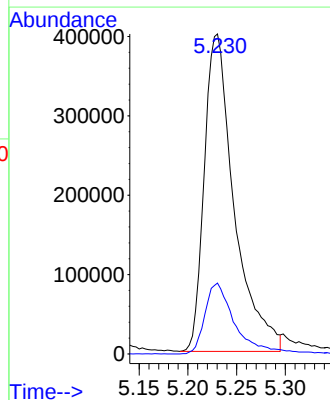
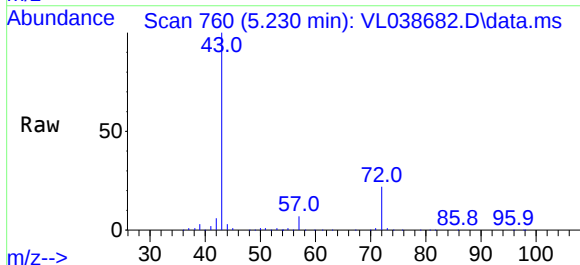
APPROVED

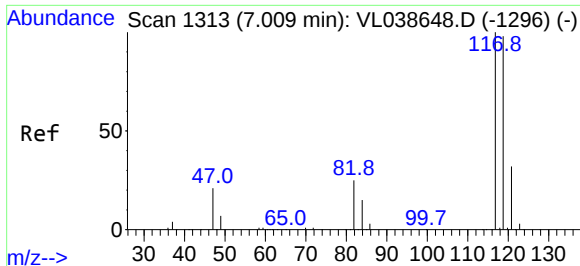
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#34
2-Butanone
Concen: 9.323 ppbv
RT: 5.230 min Scan# 760
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

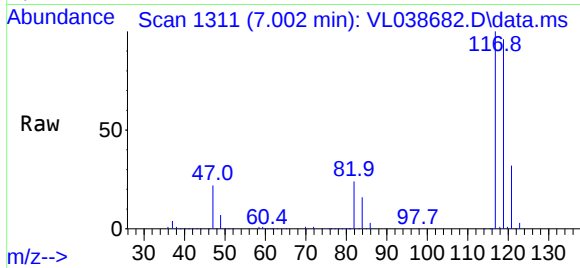
Tgt Ion: 43 Resp: 854195
Ion Ratio Lower Upper
43 100
72 22.9 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.385 ppbv
RT: 7.002 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

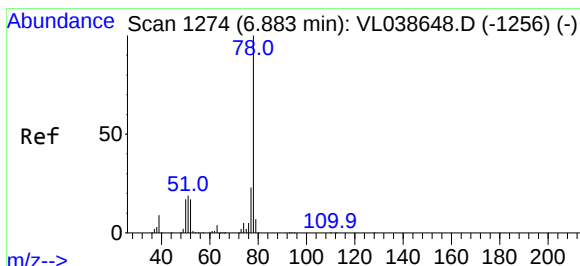
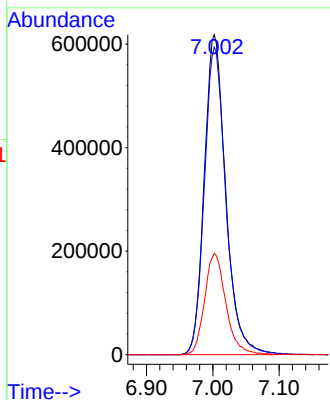
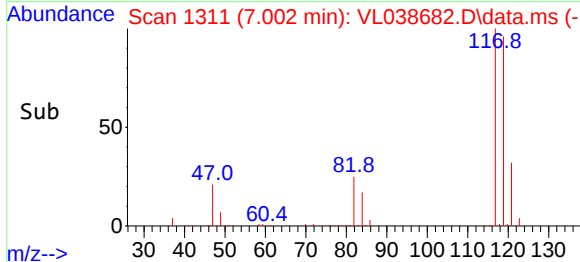
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



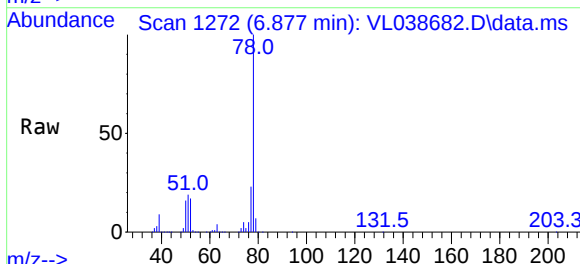
Tgt Ion:117 Resp: 1394860
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
121 31.6 25.8 38.6

Manual Integrations
APPROVED

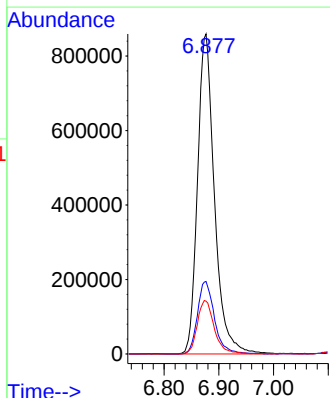
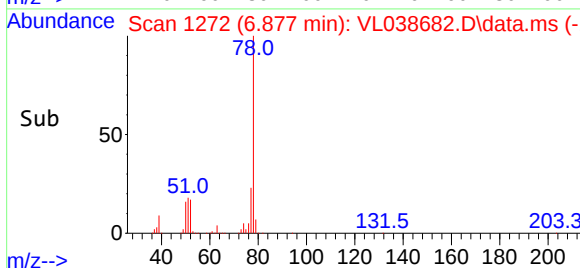
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

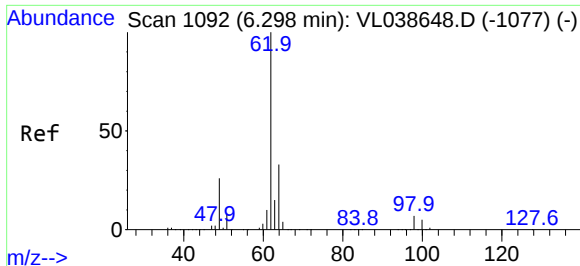


#36
Benzene
Concen: 10.326 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 78 Resp: 1844885
Ion Ratio Lower Upper
78 100
77 22.6 18.1 27.1
50 16.5 13.6 20.4





#37
1,2-Dichloroethane
Concen: 10.405 ppbv
RT: 6.291 min Scan# 1090
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

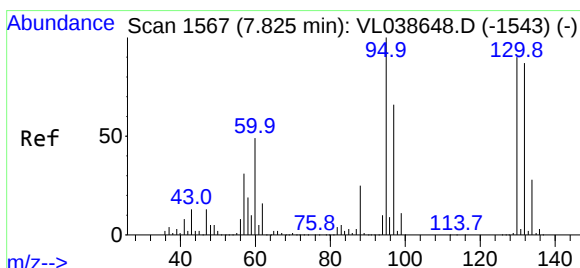
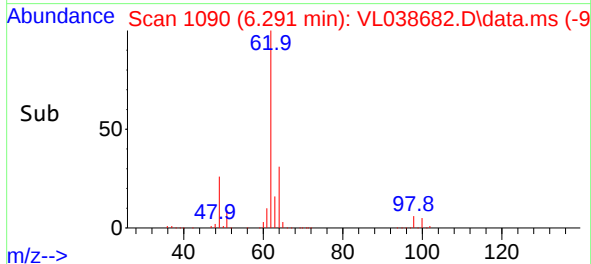
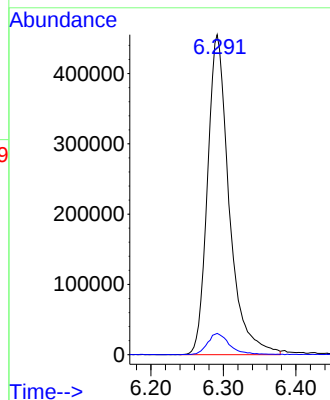
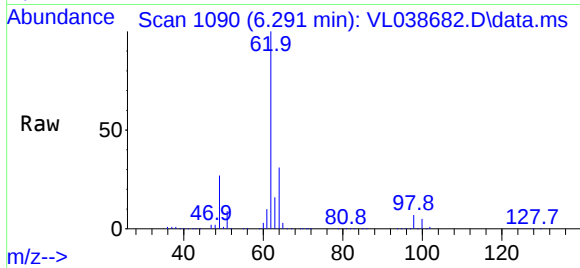
VSTDCCC010

Tgt Ion: 62 Resp: 94569
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4

Manual Integrations

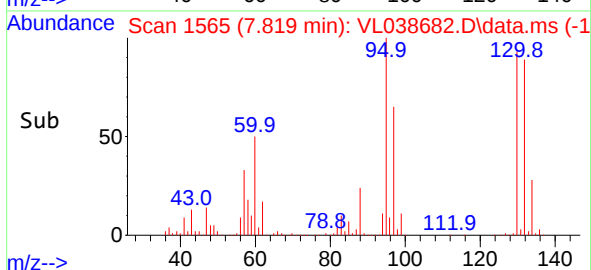
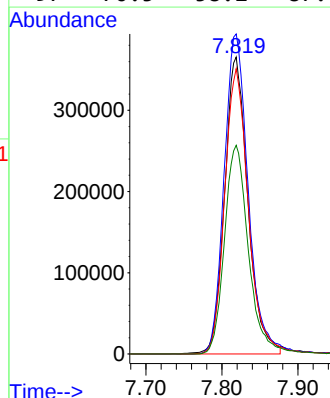
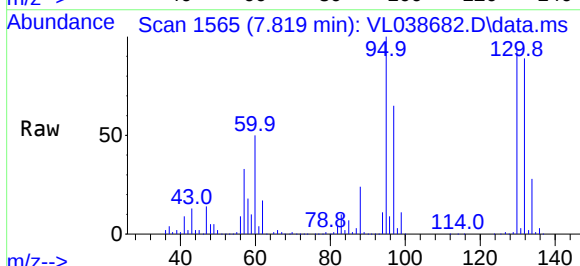
APPROVED

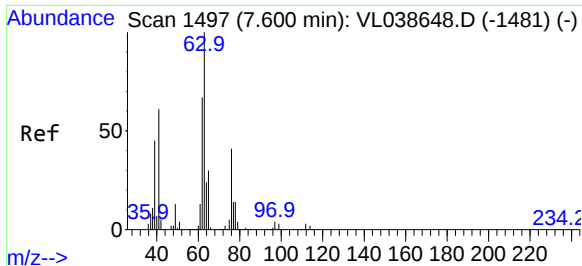
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#38
Trichloroethene
Concen: 10.415 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

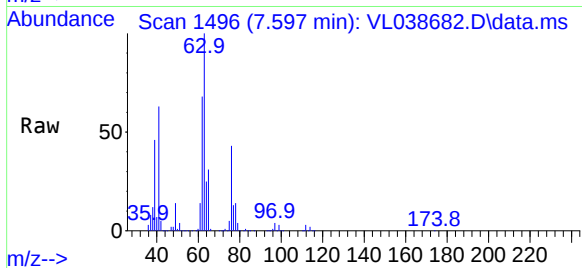
Tgt Ion:130 Resp: 779490
Ion Ratio Lower Upper
130 100
95 108.0 88.9 133.3
132 96.3 77.4 116.0
97 70.5 58.2 87.4





#39
1,2-Dichloropropane
Concen: 10.227 ppbv
RT: 7.597 min Scan# 1497
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

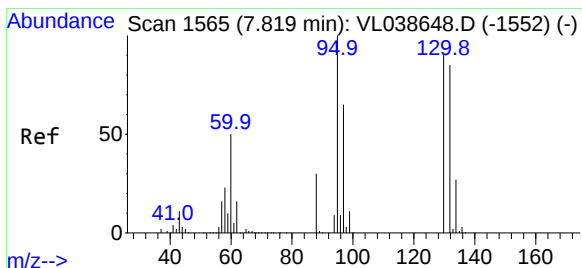
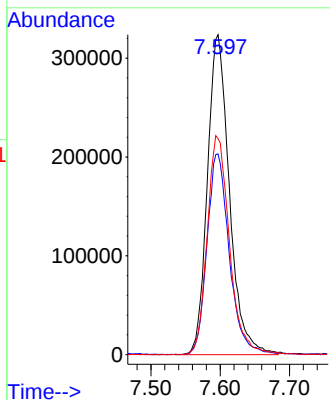
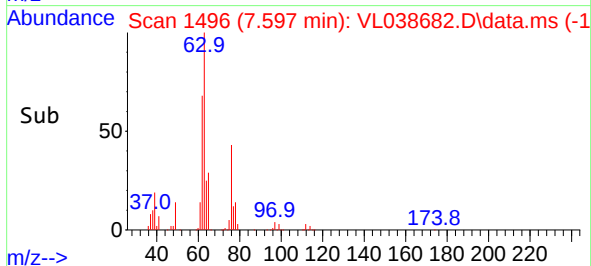
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



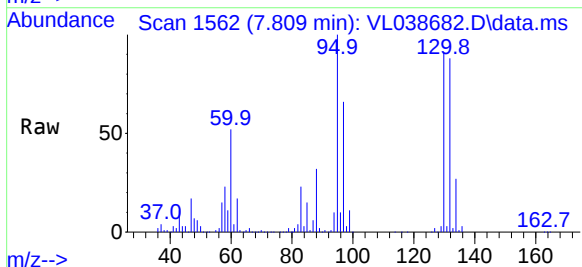
Tgt Ion: 63 Resp: 71432
Ion Ratio Lower Upper
63 100
41 62.7 49.0 73.6
62 67.4 53.9 80.9

Manual Integrations
APPROVED

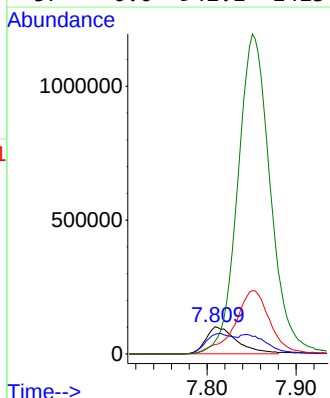
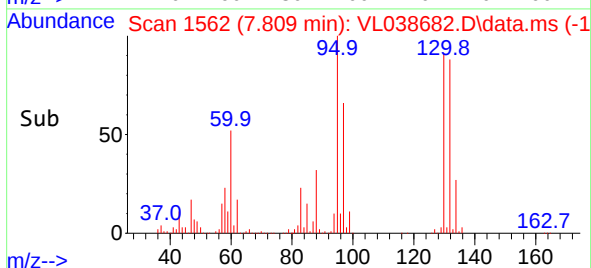
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

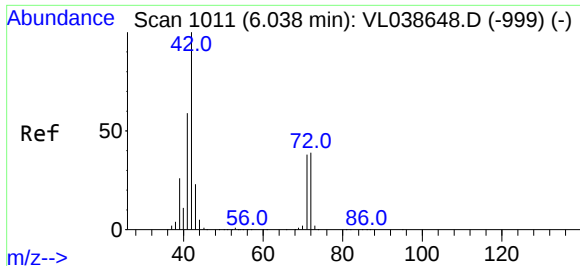


#40
1,4-Dioxane
Concen: 9.975 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



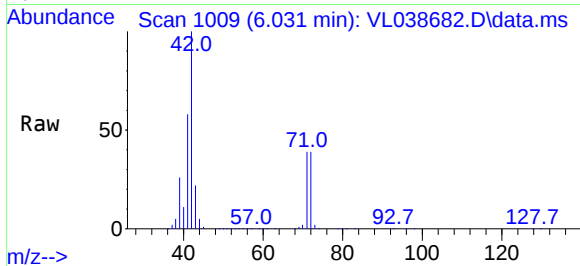
Tgt Ion: 88 Resp: 241964
Ion Ratio Lower Upper
88 100
58 65.9 105.6 158.4#
43 0.0 201.9 302.9#
57 0.0 942.1 1413.1#





#41
Tetrahydrofuran
Concen: 10.896 ppbv
RT: 6.031 min Scan# 1011
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

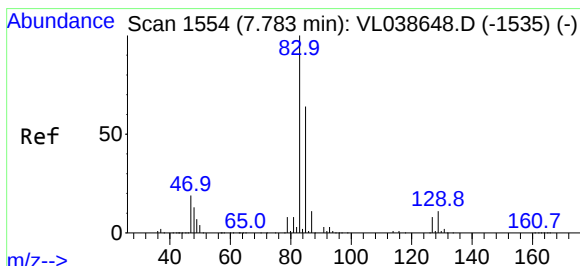
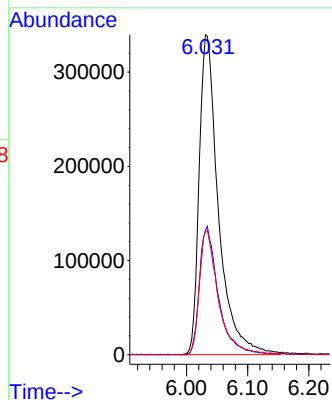
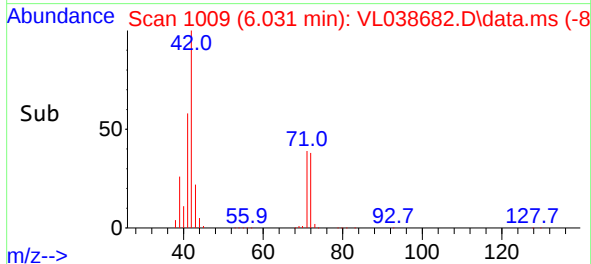
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 743080
Ion Ratio Lower Upper
42 100
72 39.7 32.5 48.7
71 38.4 31.4 47.2

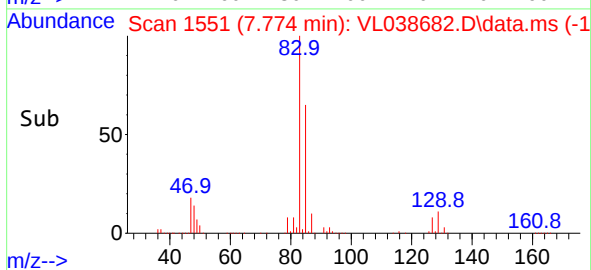
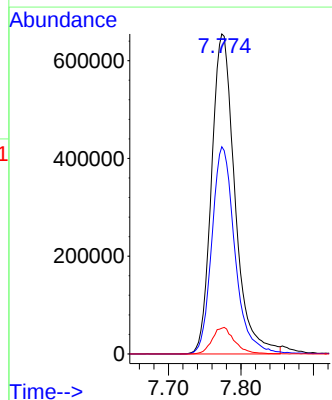
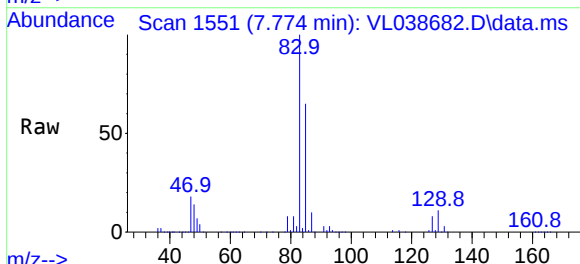
Manual Integrations
APPROVED

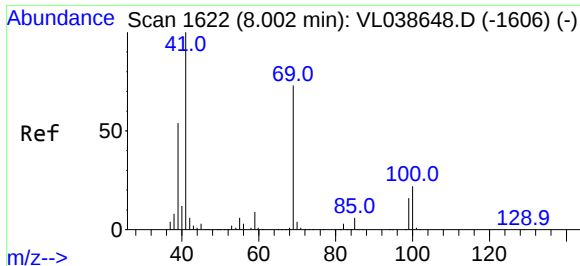
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
Bromodichloromethane
Concen: 10.758 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Tgt Ion: 83 Resp: 1465868
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 8.1 6.5 9.7





#43
Methyl Methacrylate
Concen: 11.267 ppbv
RT: 7.996 min Scan# 1620
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

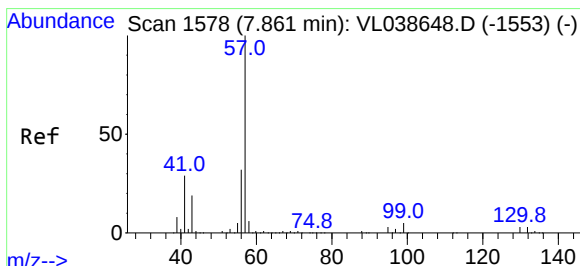
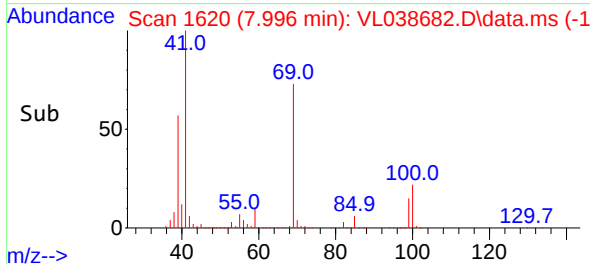
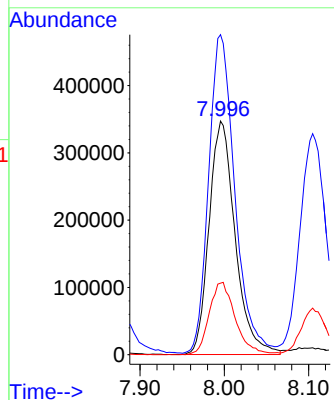
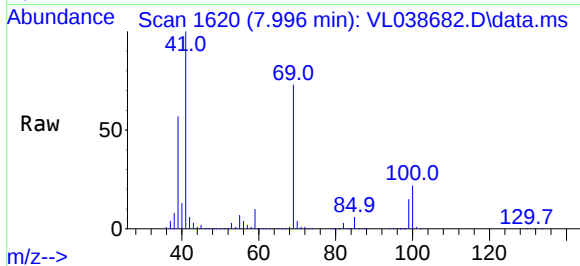
VSTDCCC010

Tgt Ion: 69 Resp: 747408
Ion Ratio Lower Upper
69 100
41 138.1 110.3 165.5
100 30.8 24.8 37.2

Manual Integrations

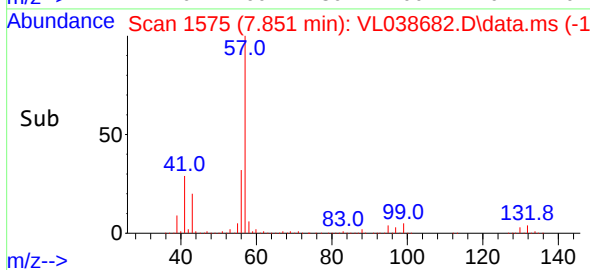
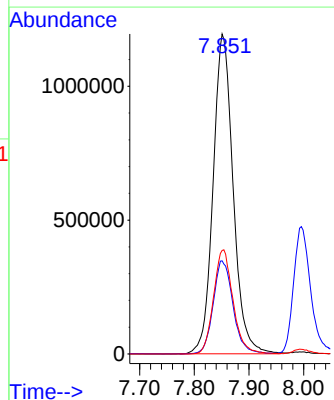
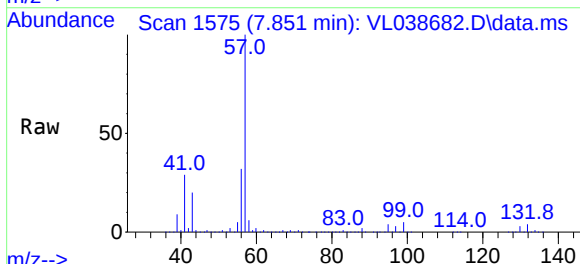
APPROVED

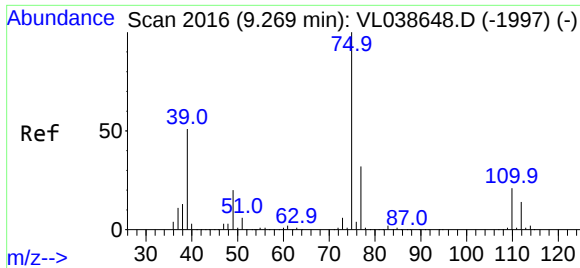
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#44
2,2,4-Trimethylpentane
Concen: 10.136 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Tgt Ion: 57 Resp: 3040767
Ion Ratio Lower Upper
57 100
41 29.0 23.0 34.4
56 31.7 25.3 37.9





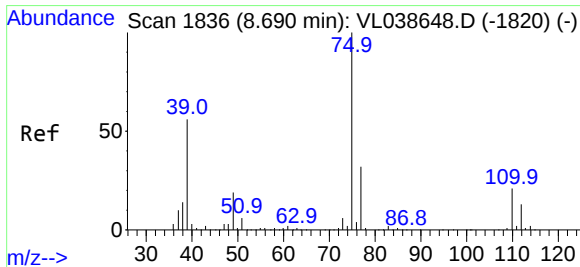
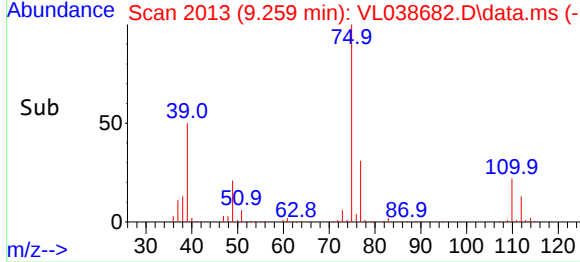
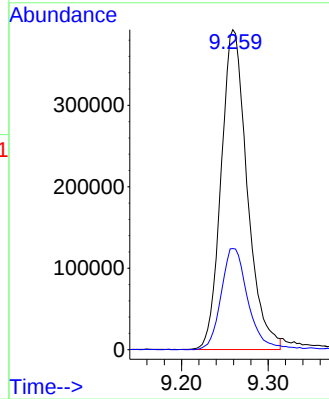
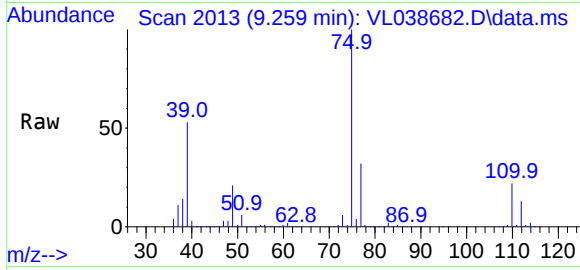
#45
t-1,3-Dichloropropene
Concen: 12.193 ppbv
RT: 9.259 min Scan# 2016
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 82237
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3

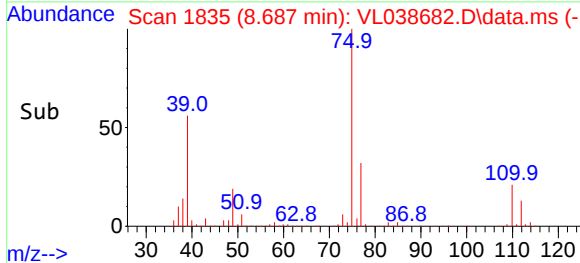
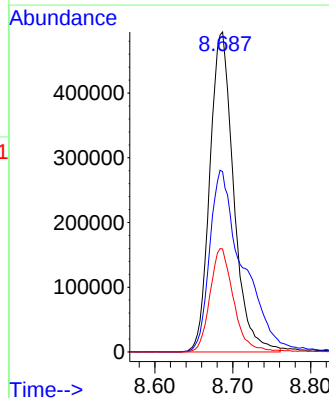
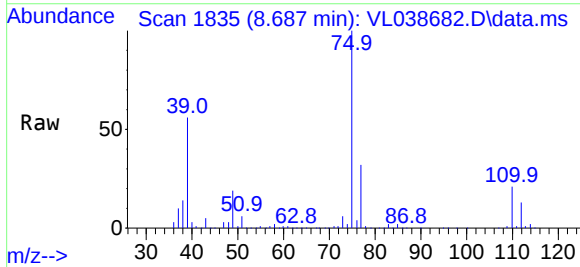
Manual Integrations
APPROVED

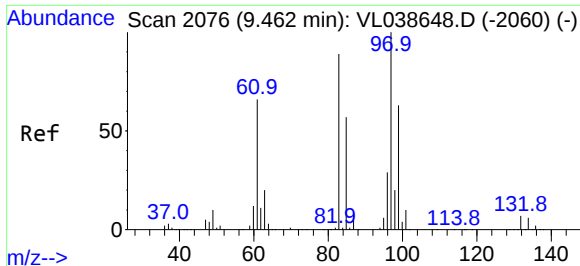
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#46
cis-1,3-Dichloropropene
Concen: 11.518 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Tgt Ion: 75 Resp: 1050444
Ion Ratio Lower Upper
75 100
39 56.3 44.8 67.2
77 32.2 25.4 38.0





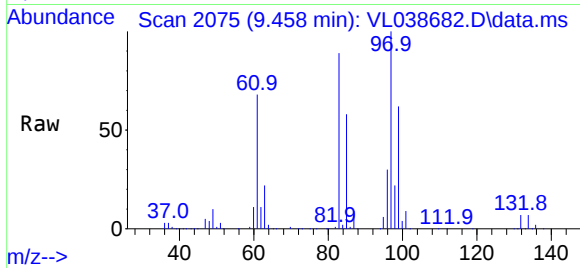
#47
1,1,2-Trichloroethane
Concen: 10.180 ppbv
RT: 9.458 min Scan# 2076
Delta R.T. -0.003 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



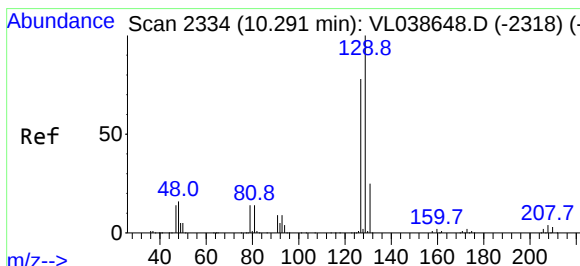
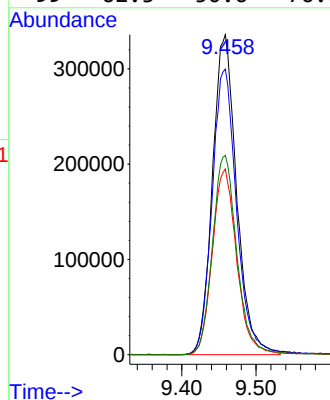
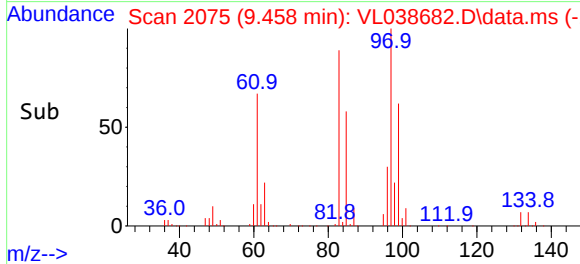
Tgt Ion: 97 Resp: 75910

Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.2	106.8
85	58.0	45.3	67.9
99	62.3	50.6	76.0

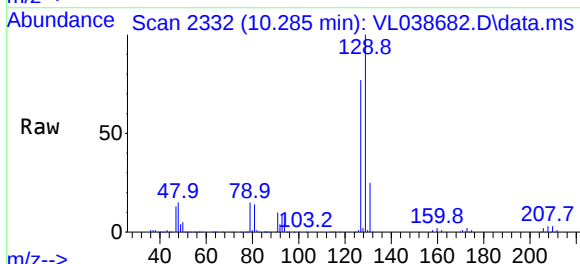
Manual Integrations

APPROVED

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

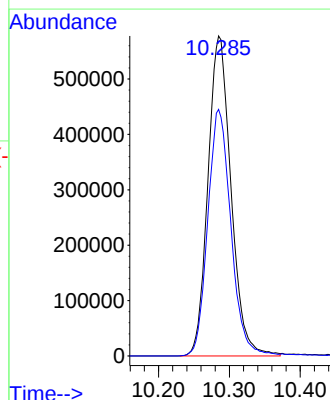
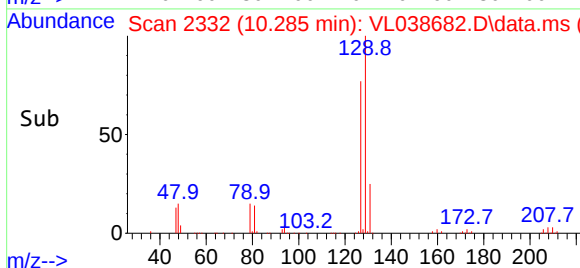


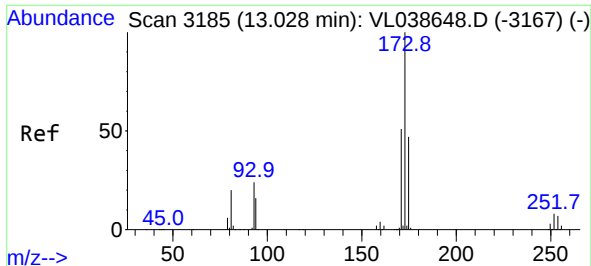
#48
Dibromochloromethane
Concen: 11.170 ppbv
RT: 10.285 min Scan# 2332
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion:129 Resp: 1304812

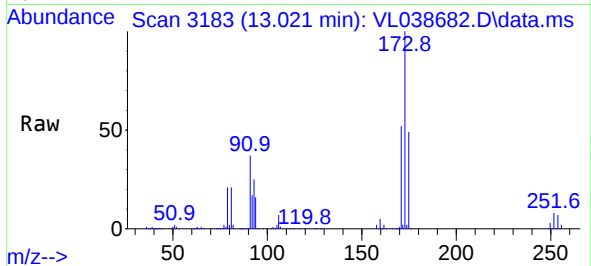
Ion	Ratio	Lower	Upper
129	100		
127	78.2	39.5	118.5





#49
Bromoform
Concen: 11.339 ppbv
RT: 13.021 min Scan# 3183
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

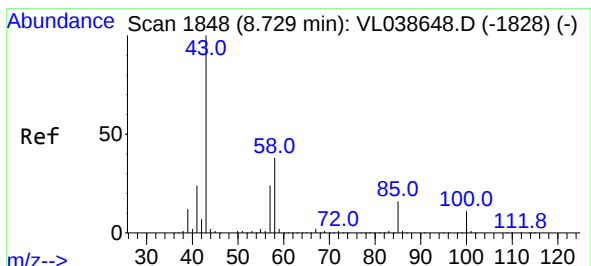
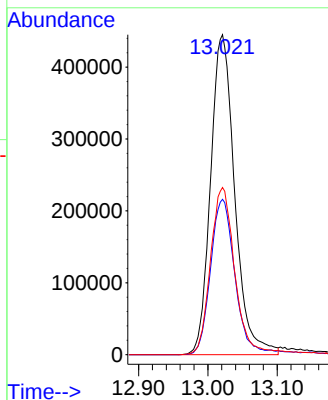
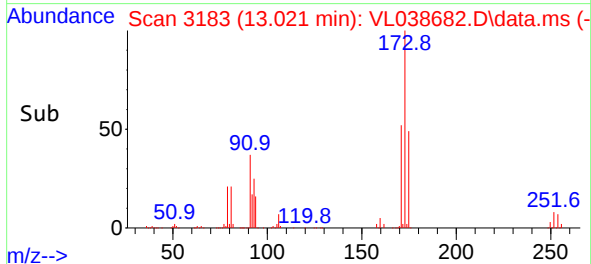
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



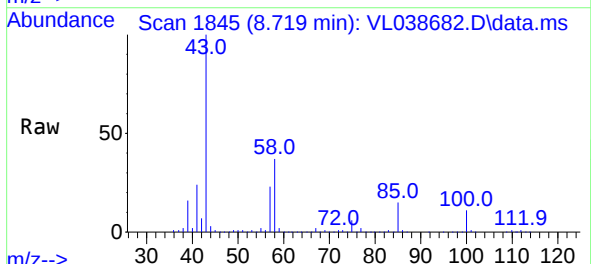
Tgt Ion:173 Resp: 107952
Ion Ratio Lower Upper
173 100
175 50.1 41.0 61.6
171 53.7 43.1 64.7

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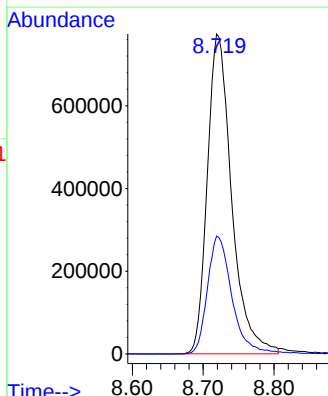
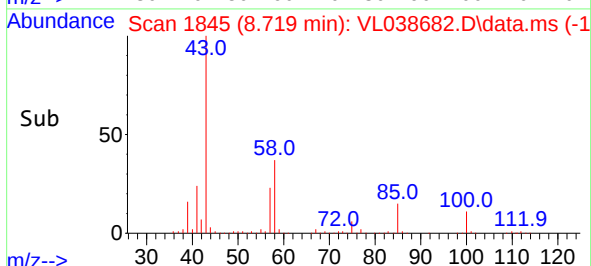
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

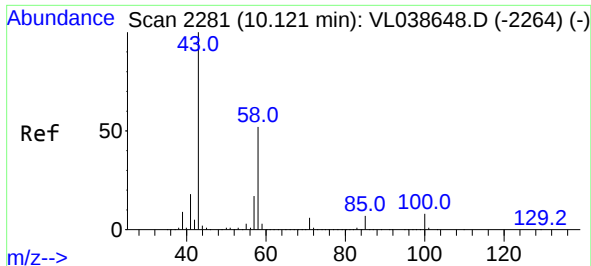


#50
4-Methyl-2-Pentanone
Concen: 10.824 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 43 Resp: 1843908
Ion Ratio Lower Upper
43 100
58 37.5 29.9 44.9





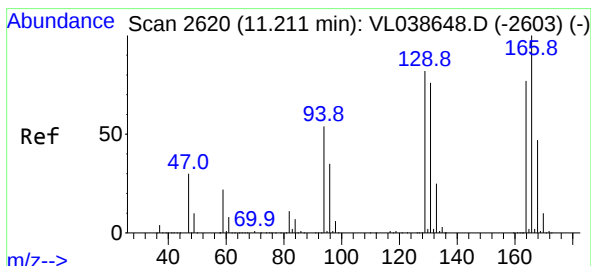
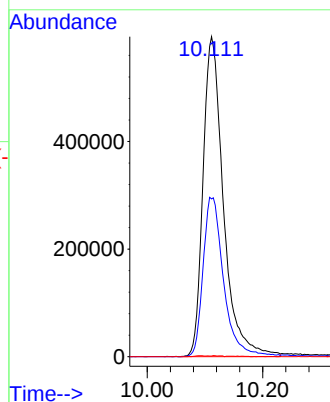
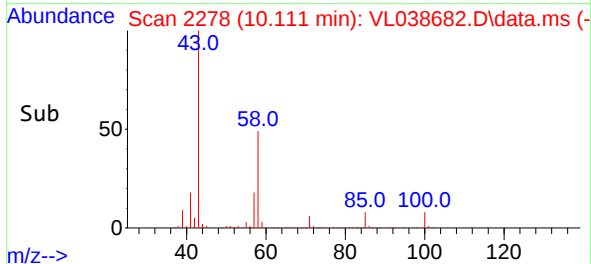
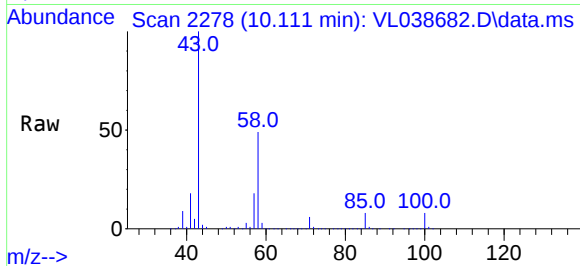
#51
2-Hexanone
Concen: 11.932 ppbv
RT: 10.111 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1459940
Ion Ratio Lower Upper
43 100
58 50.7 41.2 61.8
98 0.3 0.2 0.4

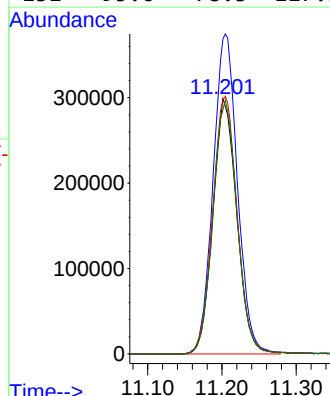
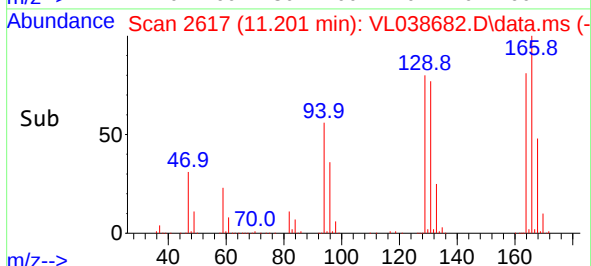
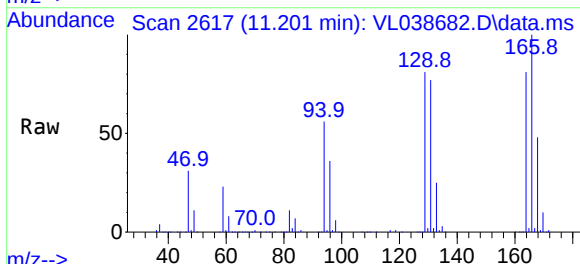
Manual Integrations
APPROVED

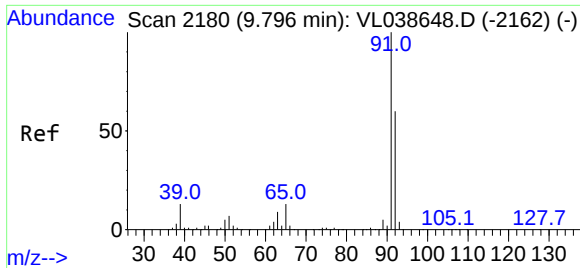
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
Tetrachloroethene
Concen: 10.220 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

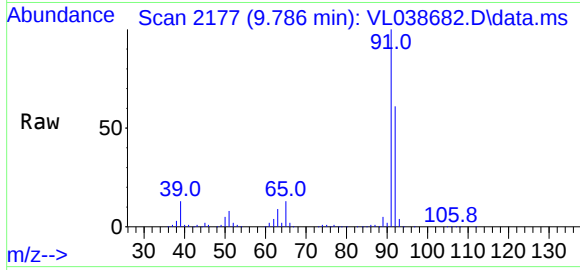
Tgt Ion:164 Resp: 668213
Ion Ratio Lower Upper
164 100
166 123.4 103.3 154.9
129 99.5 85.2 127.8
131 95.6 78.3 117.5





#53
Toluene
Concen: 10.977 ppbv
RT: 9.786 min Scan# 2180
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

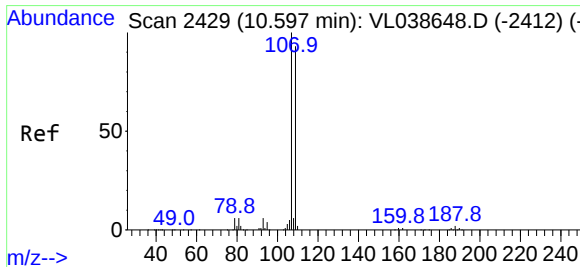
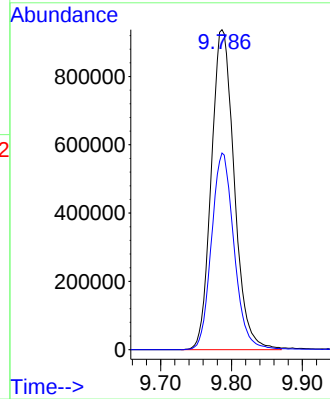
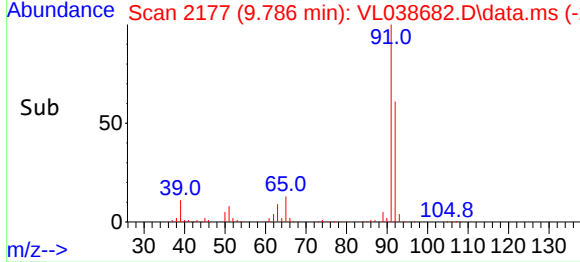
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



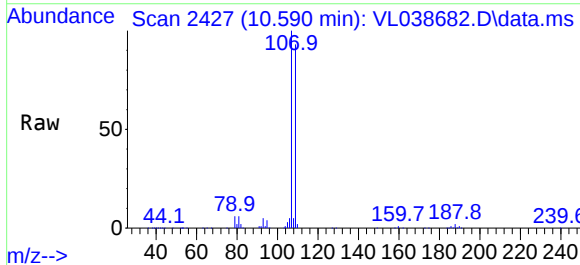
Tgt Ion: 91 Resp: 210728
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1

Manual Integrations
APPROVED

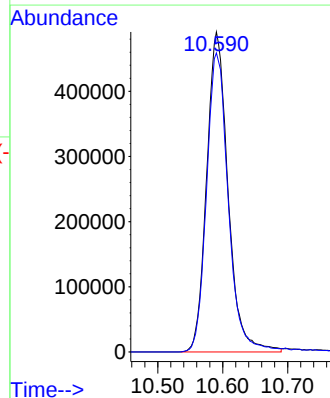
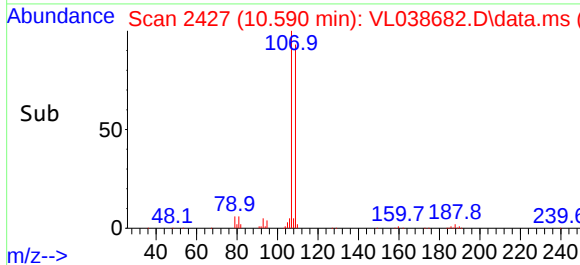
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

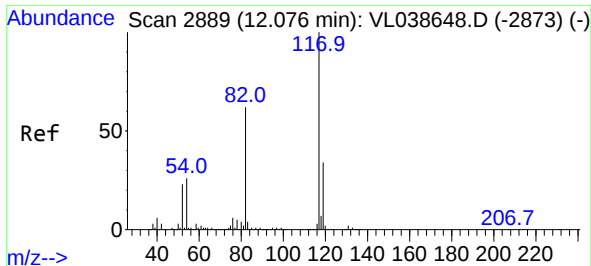


#54
1,2-Dibromoethane
Concen: 11.071 ppbv
RT: 10.590 min Scan# 2427
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion:107 Resp: 1127312
Ion Ratio Lower Upper
107 100
109 93.4 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.066 min Scan# 2886

Delta R.T. -0.010 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 220816

Ion Ratio Lower Upper

117 100

82 63.3 51.6 77.4

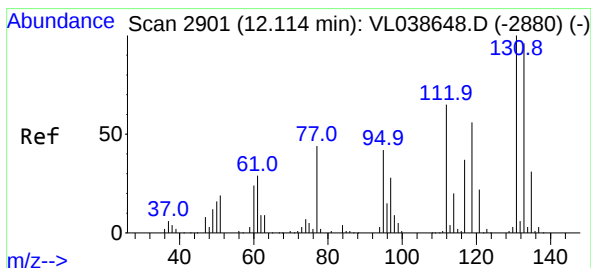
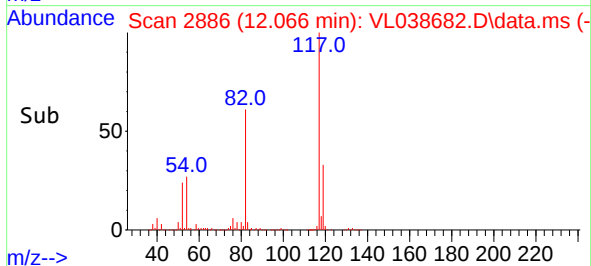
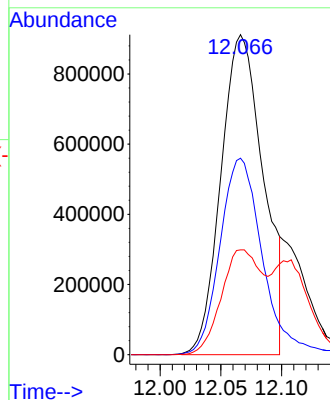
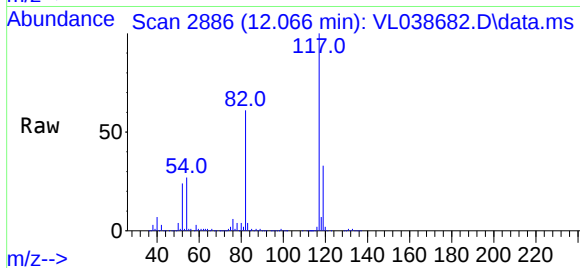
119 29.9 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.880 ppbv

RT: 12.108 min Scan# 2899

Delta R.T. -0.007 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

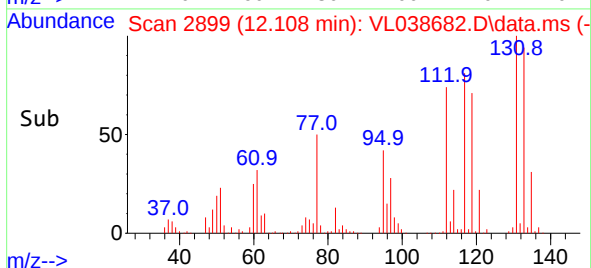
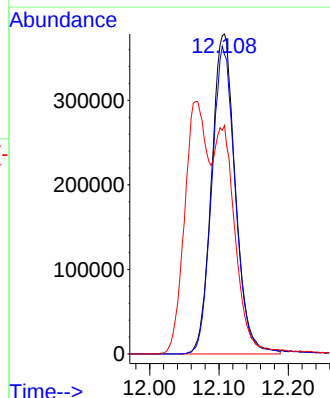
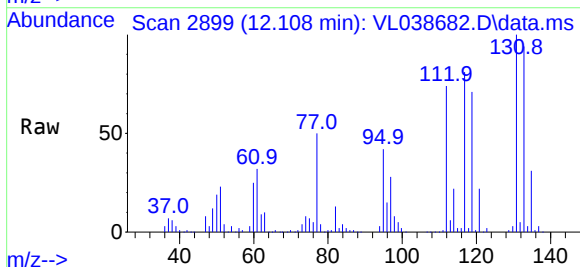
Tgt Ion:131 Resp: 904462

Ion Ratio Lower Upper

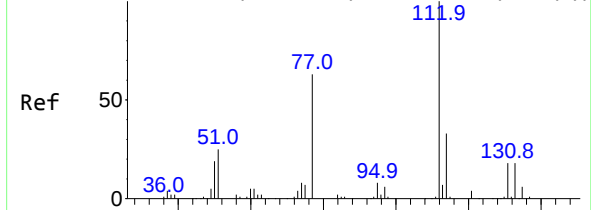
131 100

133 96.3 77.3 115.9

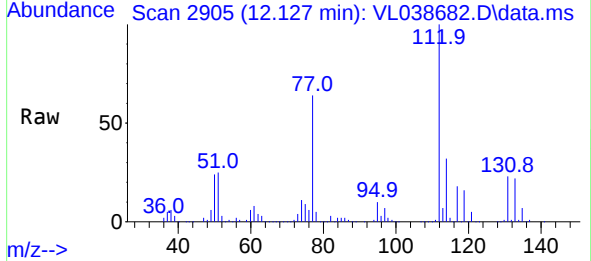
119 64.1 53.0 79.6



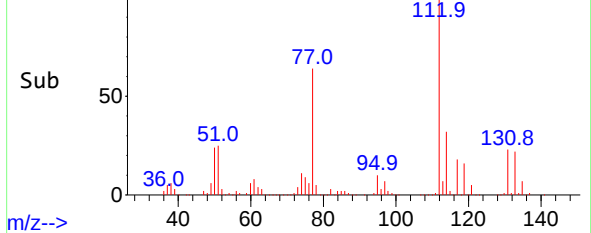
Abundance Scan 2908 (12.137 min): VL038648.D (-2888) (-)



Abundance Scan 2905 (12.127 min): VL038682.D\data.ms



Abundance Scan 2905 (12.127 min): VL038682.D\data.ms (-)



#57

Chlorobenzene

Concen: 9.741 ppbv

RT: 12.127 min Scan# 2905

Delta R.T. -0.010 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Tgt Ion:112 Resp: 155132

Ion Ratio Lower Upper

112 100

77 62.4 51.0 76.6

114 32.1 29.8 36.4

Instrument :

MSVOA_L

ClientSampleId :

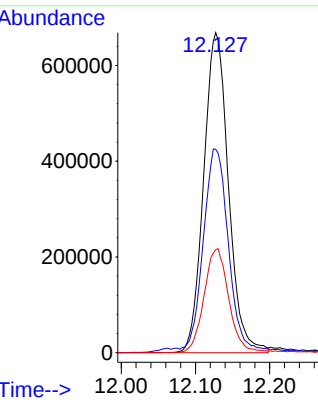
VSTDCCC010

Manual Integrations

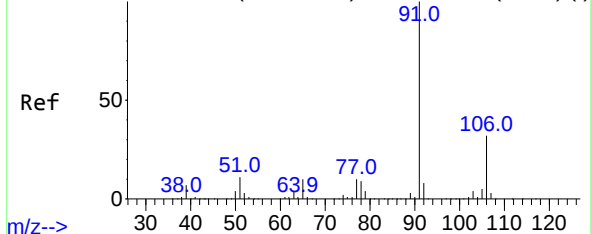
APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

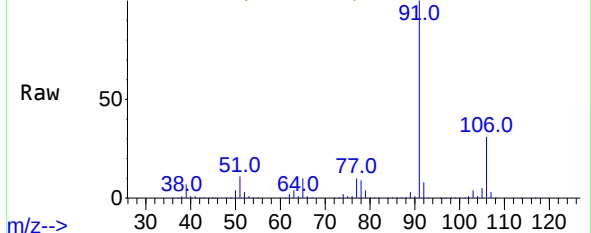
Supervised By :Mahesh Dadoda 03/25/2022



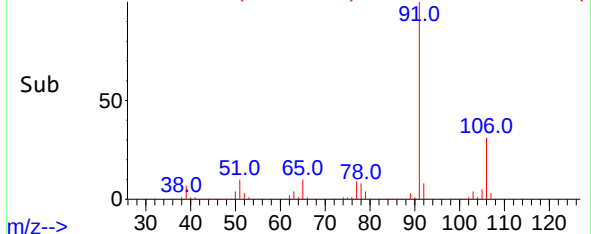
Abundance Scan 3082 (12.696 min): VL038648.D (-3063) (-)



Abundance Scan 3080 (12.690 min): VL038682.D\data.ms



Abundance Scan 3080 (12.690 min): VL038682.D\data.ms (-)



#58

Ethyl Benzene

Concen: 10.622 ppbv

RT: 12.690 min Scan# 3080

Delta R.T. -0.007 min

Lab File: VL038682.D

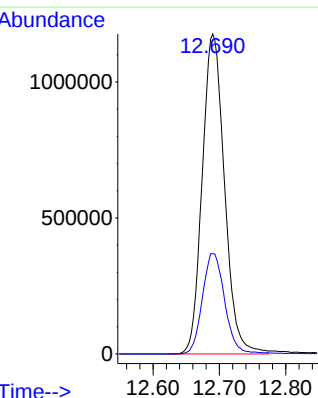
Acq: 22 Mar 2022 12:29

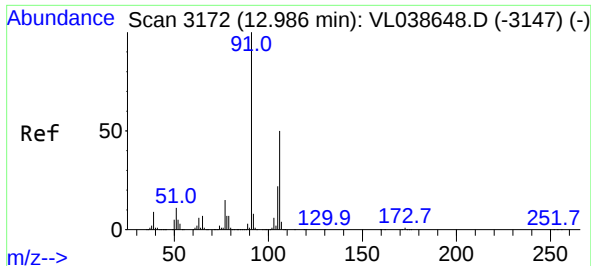
Tgt Ion: 91 Resp: 2742122

Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0





#59

m/p-Xylene

Concen: 20.392 ppbv m

RT: 12.979 min Scan# 3170

Delta R.T. -0.007 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 460476

Ion Ratio Lower Upper

91 100

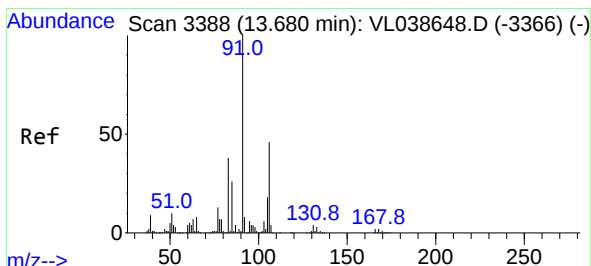
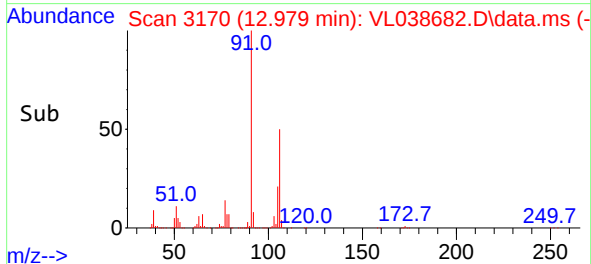
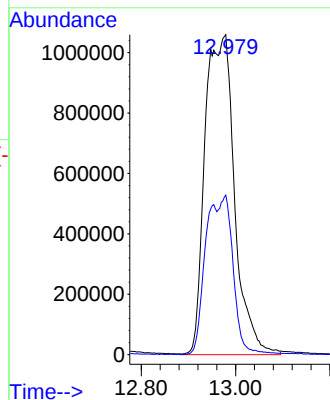
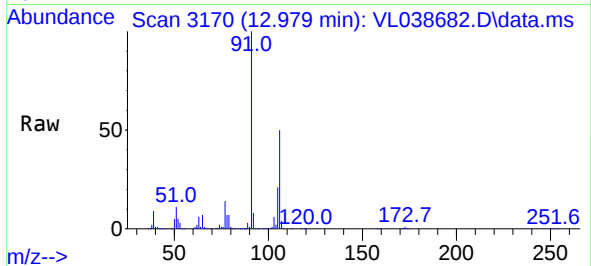
106 46.3 37.2 55.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#60

o-Xylene

Concen: 10.216 ppbv

RT: 13.671 min Scan# 3385

Delta R.T. -0.010 min

Lab File: VL038682.D

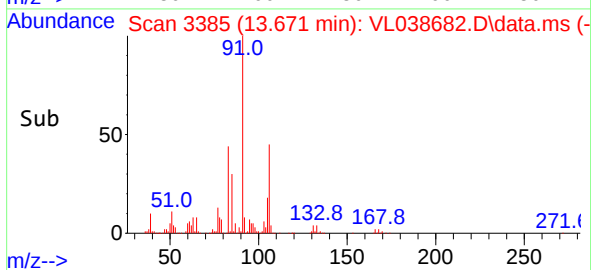
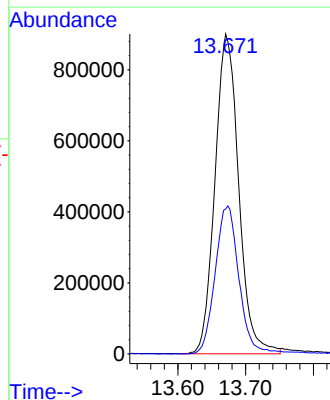
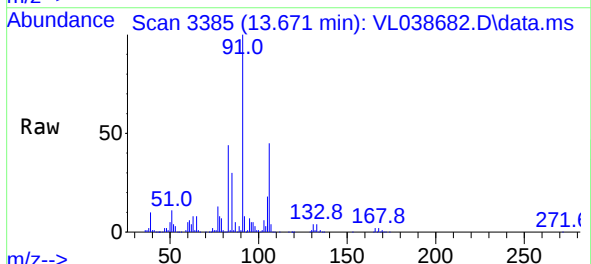
Acq: 22 Mar 2022 12:29

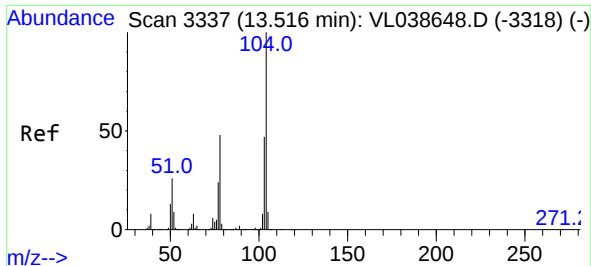
Tgt Ion: 91 Resp: 2190337

Ion Ratio Lower Upper

91 100

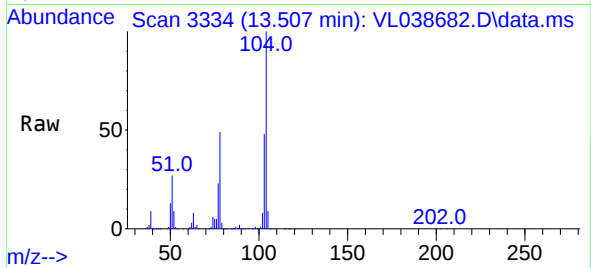
106 47.1 23.5 70.5





#61
Styrene
Concen: 11.390 ppbv
RT: 13.507 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

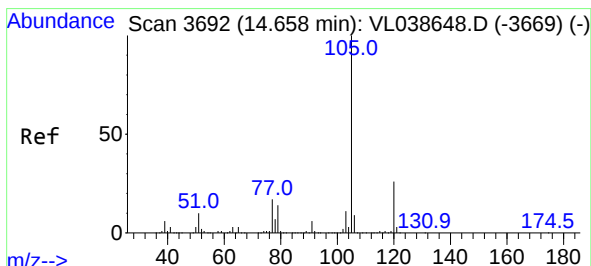
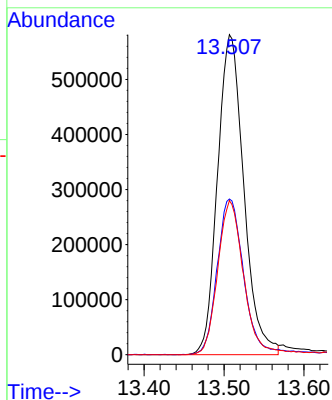
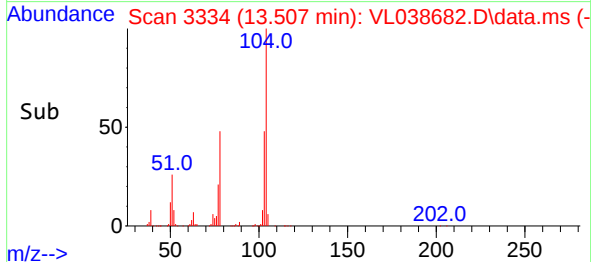
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



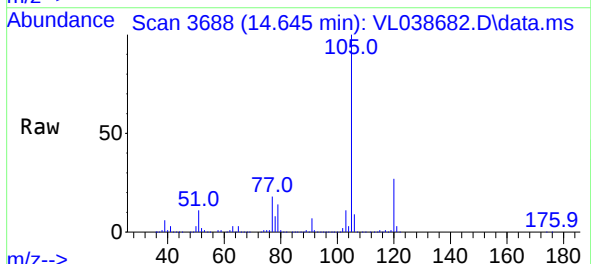
Tgt Ion:104 Resp: 132433
Ion Ratio Lower Upper
104 100
78 50.0 39.0 58.4
103 48.2 37.8 56.8

Manual Integrations
APPROVED

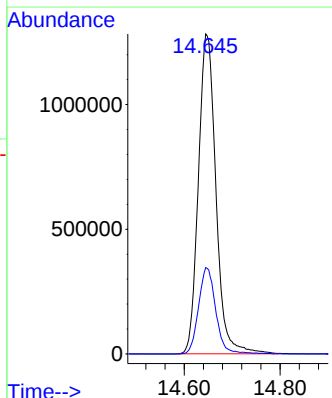
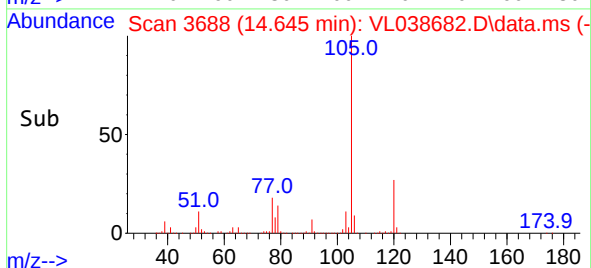
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

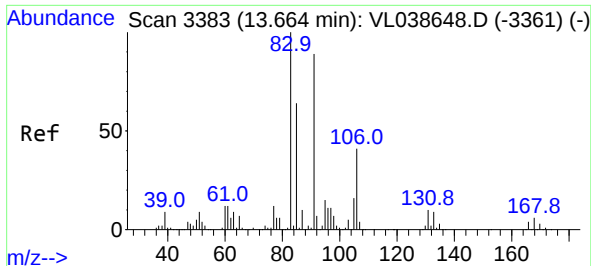


#62
Isopropylbenzene
Concen: 10.104 ppbv
RT: 14.645 min Scan# 3688
Delta R.T. -0.013 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



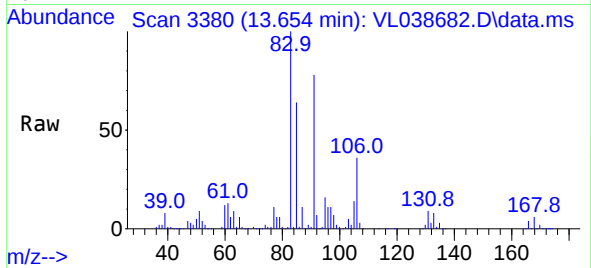
Tgt Ion:105 Resp: 3256758
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.860 ppbv
RT: 13.654 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

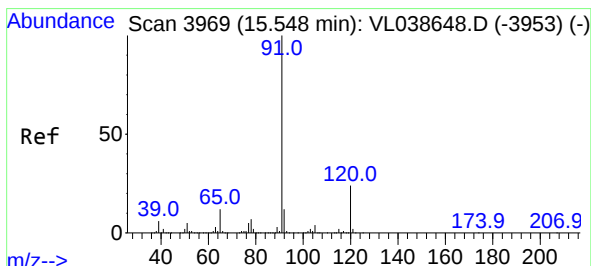
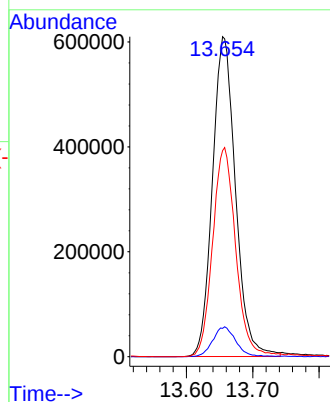
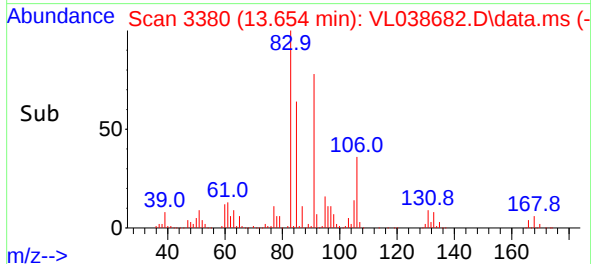
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



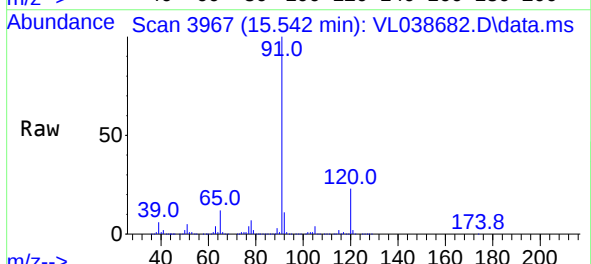
Tgt Ion: 83 Resp: 1471469
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 66.4 32.6 97.8

Manual Integrations
APPROVED

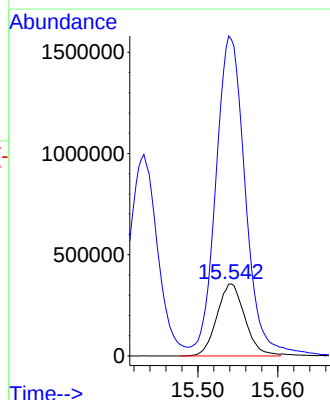
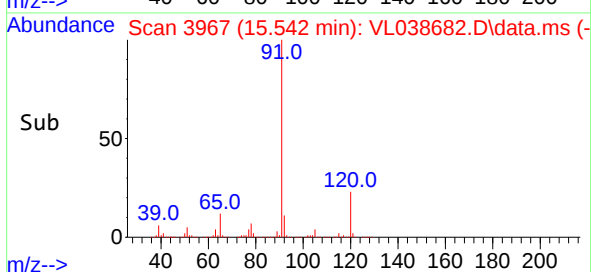
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

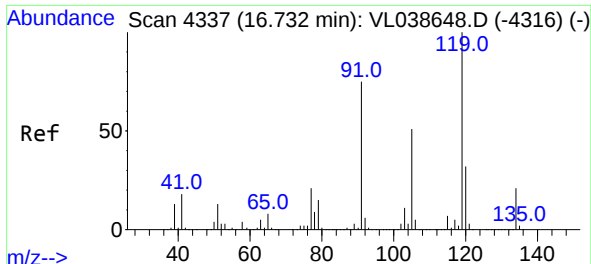


#64
n-propylbenzene
Concen: 10.213 ppbv
RT: 15.542 min Scan# 3967
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion:120 Resp: 863771
Ion Ratio Lower Upper
120 100
91 469.9 368.0 552.0





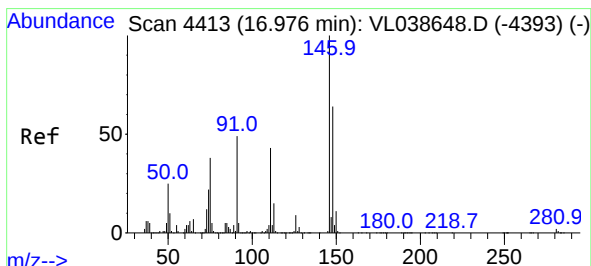
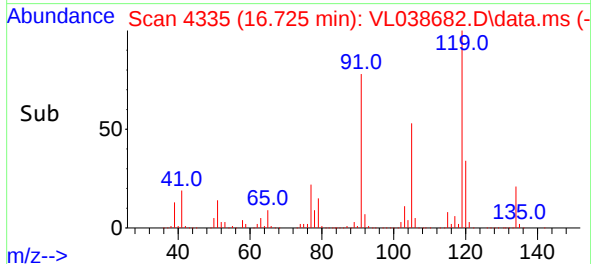
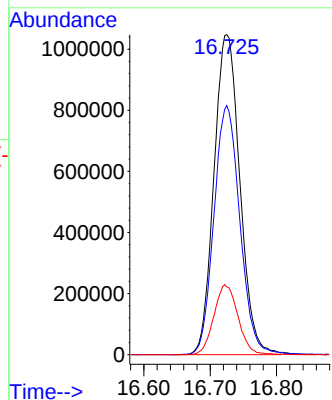
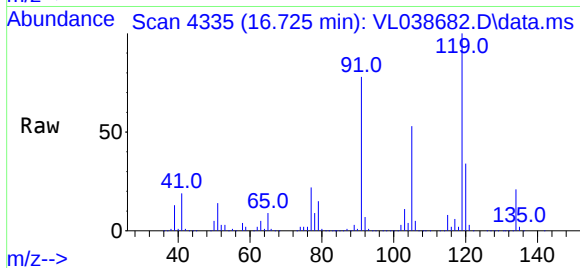
#65
tert-Butylbenzene
Concen: 9.814 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2842344
Ion Ratio Lower Upper
119 100
91 77.9 61.2 91.8
134 20.4 16.3 24.5

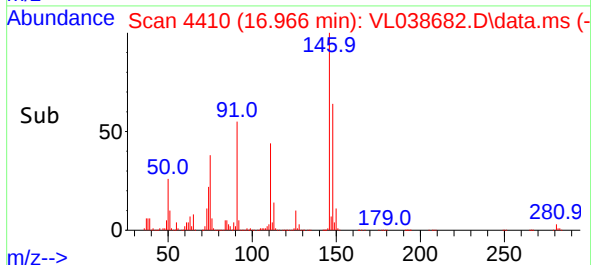
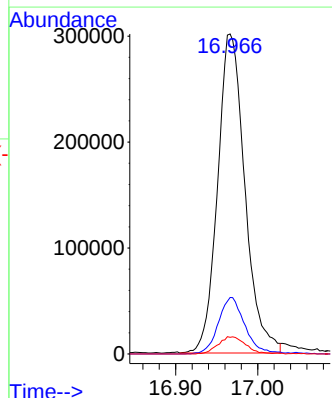
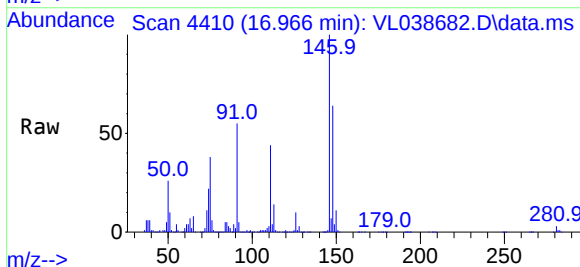
Manual Integrations
APPROVED

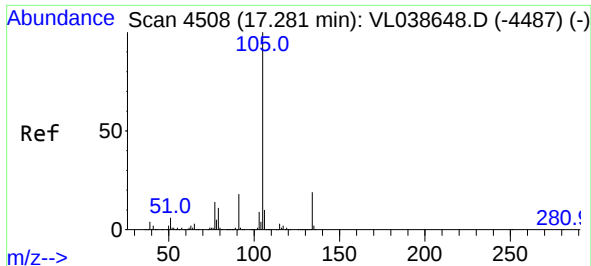
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#66
Benzyl Chloride
Concen: 12.704 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Tgt Ion: 91 Resp: 696683
Ion Ratio Lower Upper
91 100
126 17.5 14.3 21.5
128 5.6 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.941 ppbv

RT: 17.275 min Scan# 4117739

Delta R.T. -0.007 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4117739

Ion Ratio Lower Upper

105 100

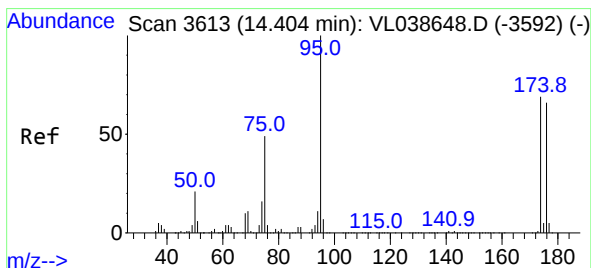
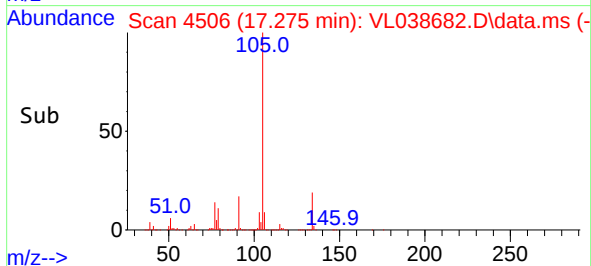
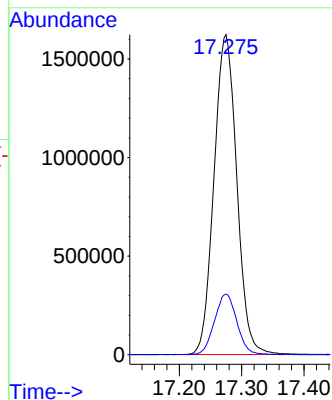
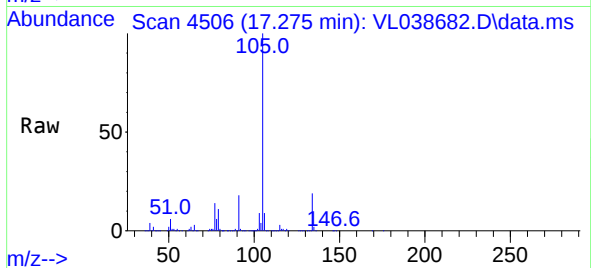
134 18.7 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.003 ppbv

RT: 14.394 min Scan# 3610

Delta R.T. -0.010 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

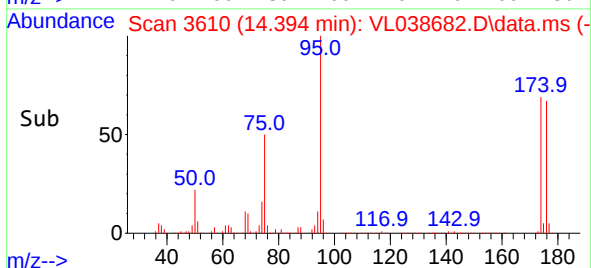
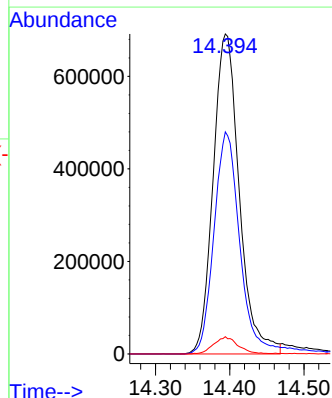
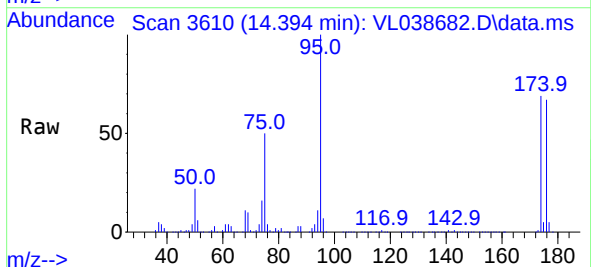
Tgt Ion: 95 Resp: 1693416

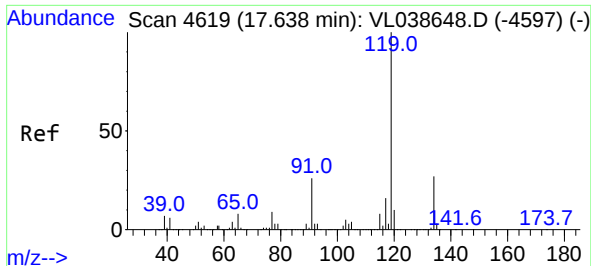
Ion Ratio Lower Upper

95 100

174 70.4 56.1 84.1

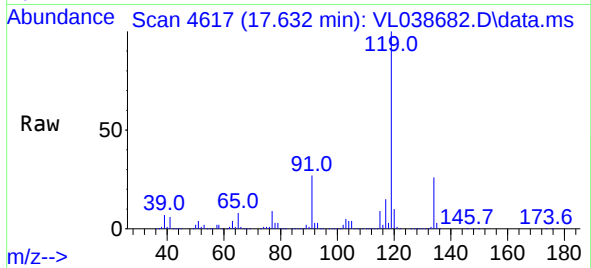
175 5.2 4.2 6.2





#69
p-Isopropyltoluene
Concen: 10.210 ppbv
RT: 17.632 min Scan# 4619
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

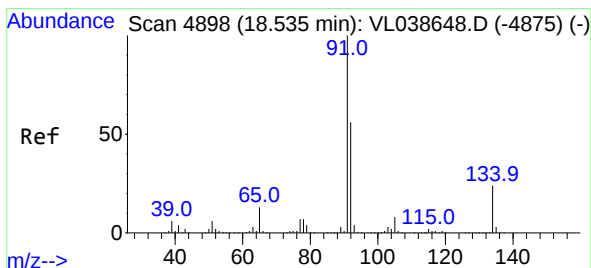
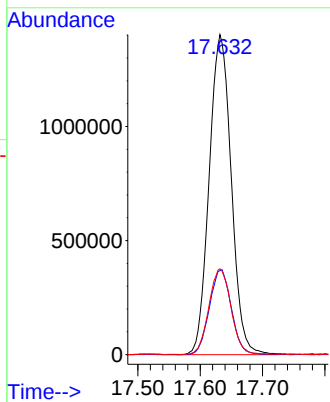
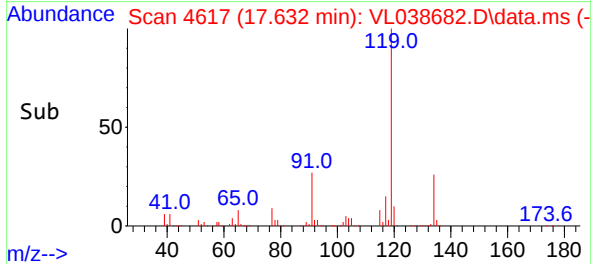
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



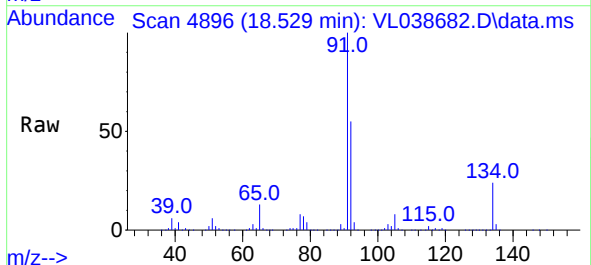
Tgt Ion: 119 Resp: 3451590
Ion Ratio Lower Upper
119 100
134 26.4 21.2 31.8
91 26.8 21.4 32.2

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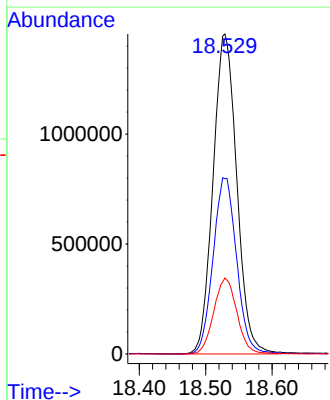
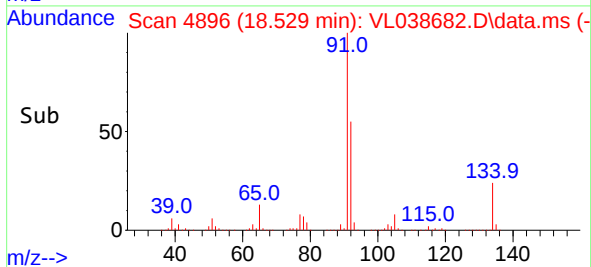
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

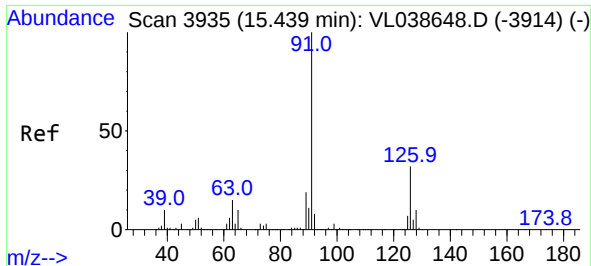


#70
n-Butylbenzene
Concen: 10.345 ppbv
RT: 18.529 min Scan# 4896
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion: 91 Resp: 3607050
Ion Ratio Lower Upper
91 100
92 54.9 43.9 65.9
134 23.3 18.7 28.1





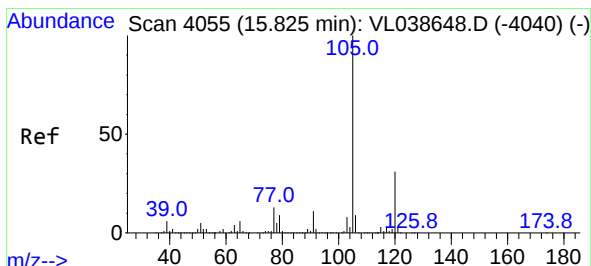
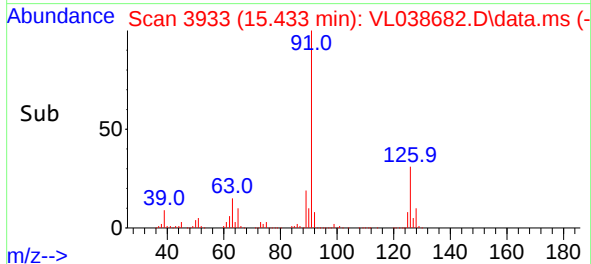
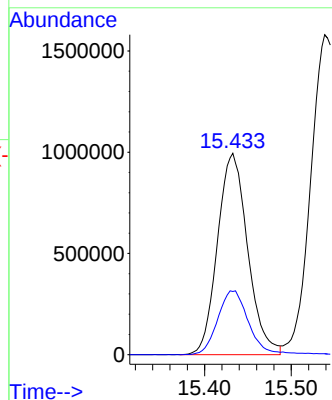
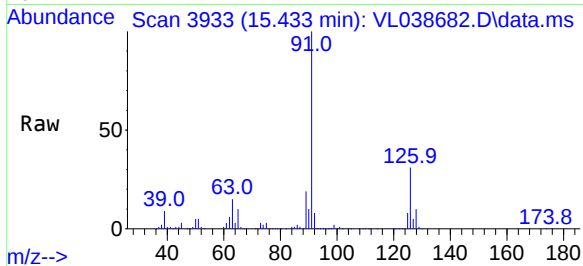
#71
2-Chlorotoluene
Concen: 10.070 ppbv
RT: 15.433 min Scan# 3914
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 240907
Ion Ratio Lower Upper
91 100
126 33.1 13.1 52.3

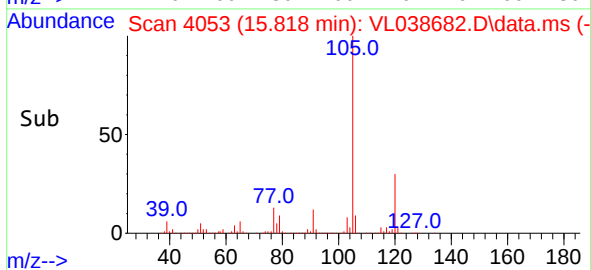
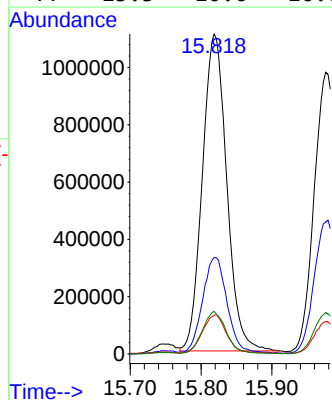
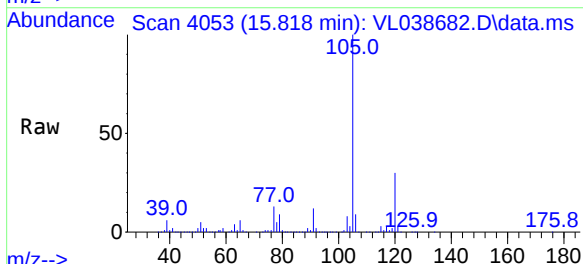
Manual Integrations
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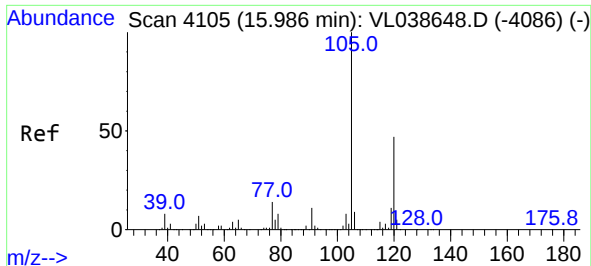
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022



#72
4-Ethyltoluene
Concen: 10.454 ppbv
RT: 15.818 min Scan# 4053
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

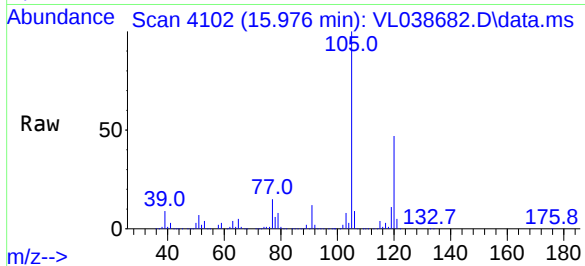
Tgt Ion:105 Resp: 2645804
Ion Ratio Lower Upper
105 100
120 31.1 24.9 37.3
91 11.9 9.8 14.6
77 13.3 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 10.234 ppbv
RT: 15.976 min Scan# 4105
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

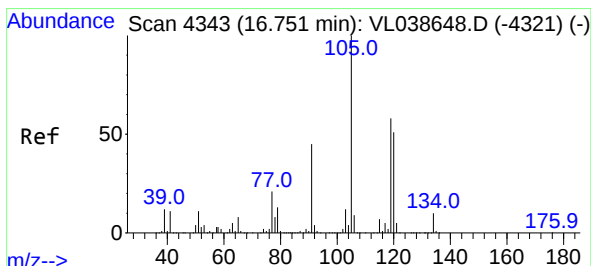
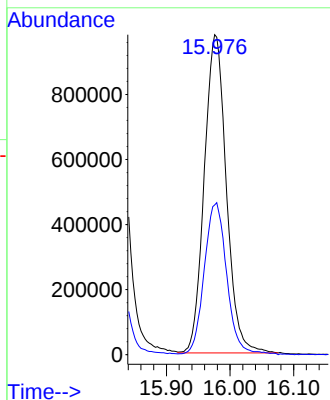
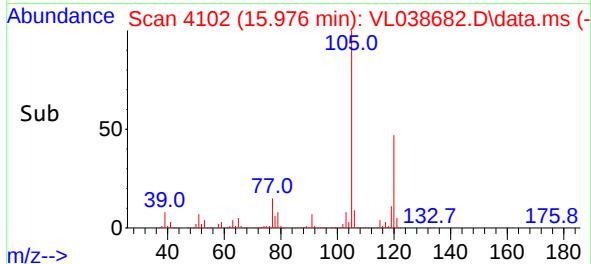
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



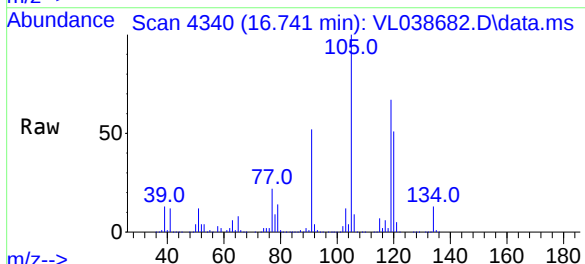
Tgt Ion:105 Resp: 236034
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4

Manual Integrations
APPROVED

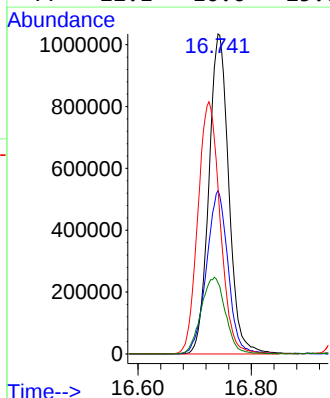
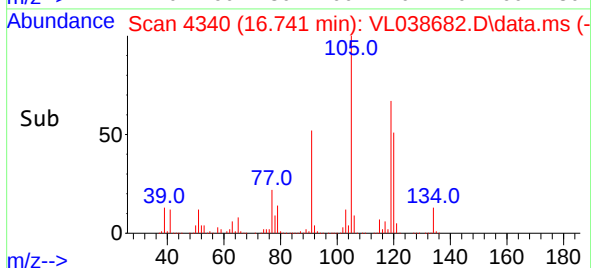
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

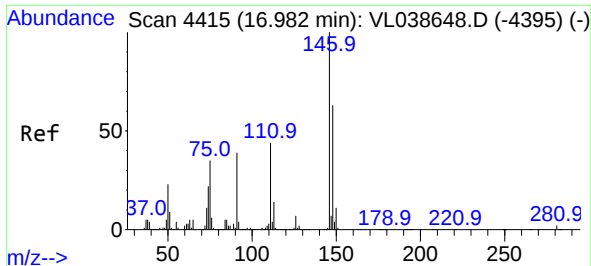


#74
1,2,4-Trimethylbenzene
Concen: 10.044 ppbv
RT: 16.741 min Scan# 4340
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



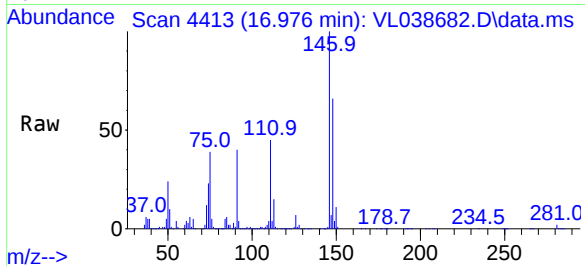
Tgt Ion:105 Resp: 2523019
Ion Ratio Lower Upper
105 100
120 50.9 40.5 60.7
91 51.8 35.9 53.9
77 22.1 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 9.867 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

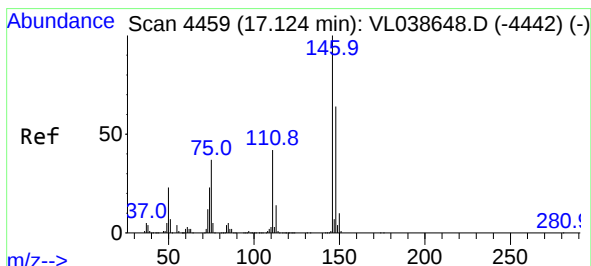
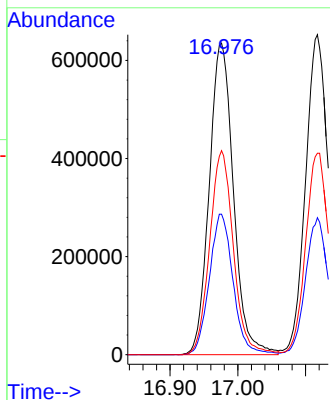
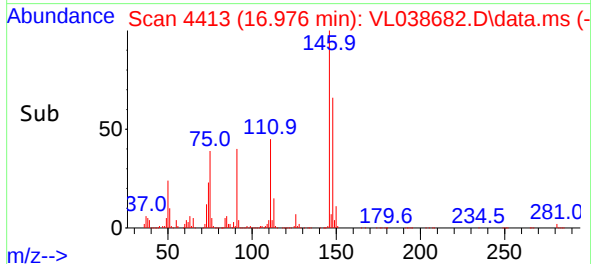
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



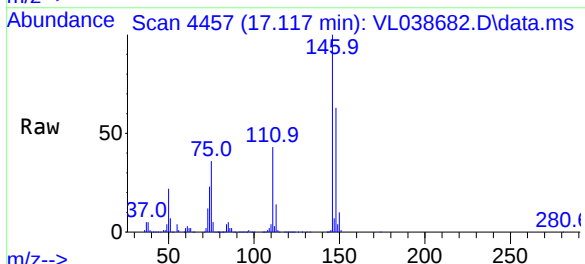
Tgt Ion:146 Resp: 1578740
Ion Ratio Lower Upper
146 100
111 44.2 22.2 66.6
148 64.3 32.5 97.5

Manual Integrations
APPROVED

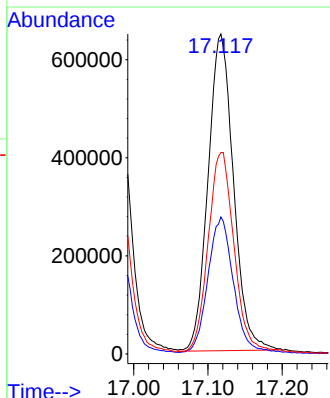
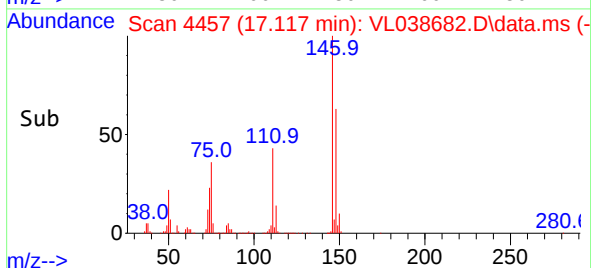
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

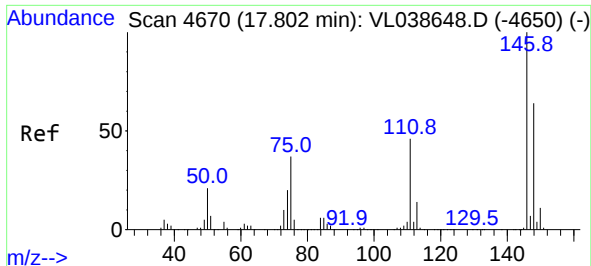


#76
1,4-Dichlorobenzene
Concen: 9.666 ppbv
RT: 17.117 min Scan# 4457
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



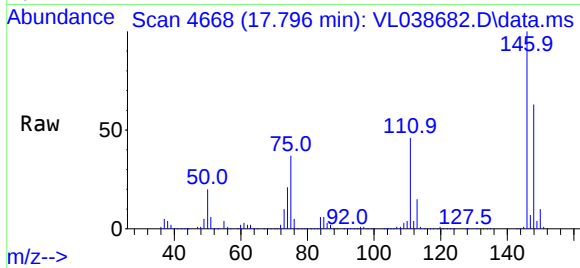
Tgt Ion:146 Resp: 1538148
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 66.3 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 9.760 ppbv
RT: 17.796 min Scan# 4668
Delta R.T. -0.007 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29

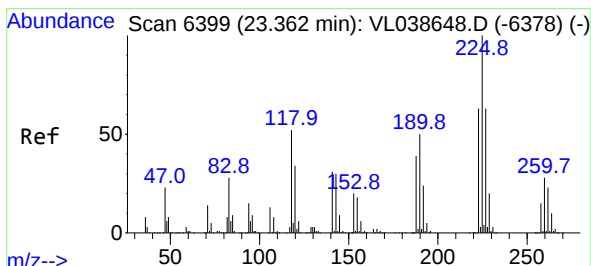
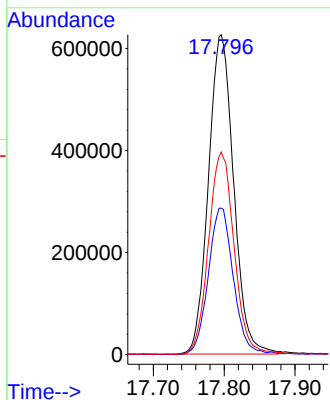
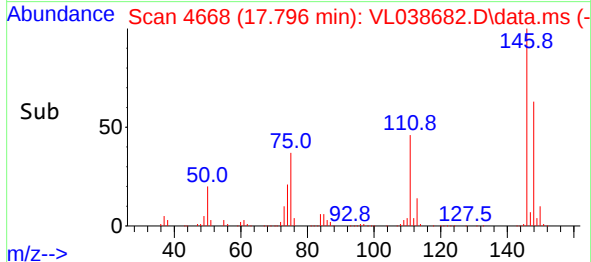
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



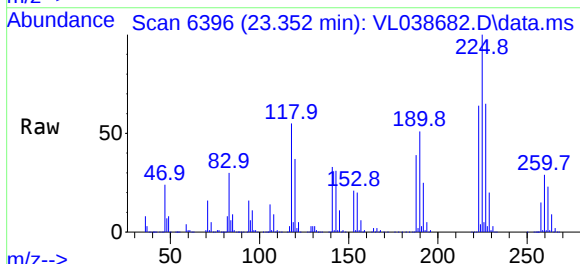
Tgt Ion:146 Resp: 154696
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.4
148 64.3 32.5 97.4

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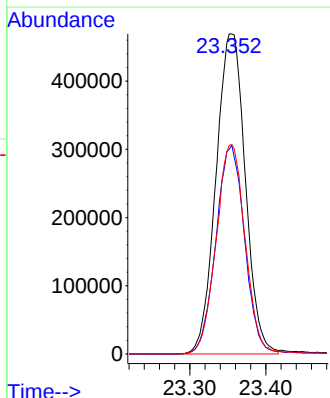
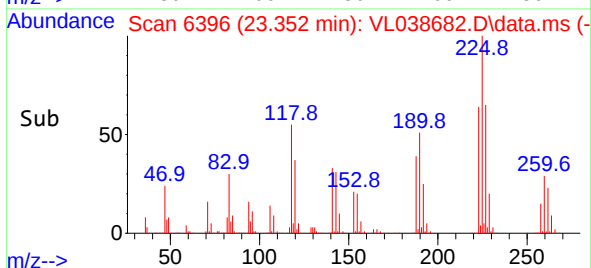
Reviewed By :Semsettin Yesilyurt 03/23/2022
Supervised By :Mahesh Dadoda 03/25/2022

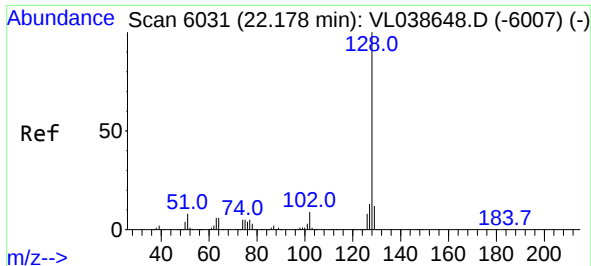


#78
Hexachloro-1,3-Butadiene
Concen: 8.574 ppbv
RT: 23.352 min Scan# 6396
Delta R.T. -0.010 min
Lab File: VL038682.D
Acq: 22 Mar 2022 12:29



Tgt Ion:225 Resp: 1256185
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 65.1 51.5 77.3





#79

Naphthalene

Concen: 12.421 ppbv

RT: 22.165 min Scan# 6031

Delta R.T. -0.013 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 238396

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

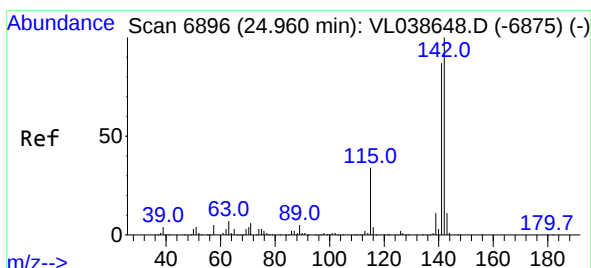
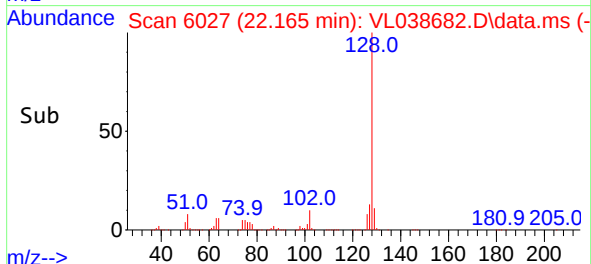
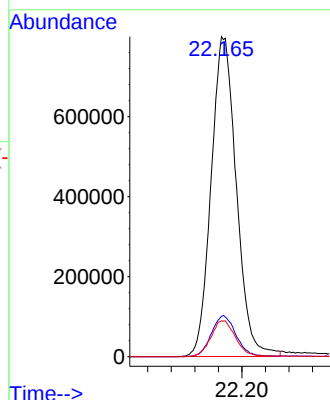
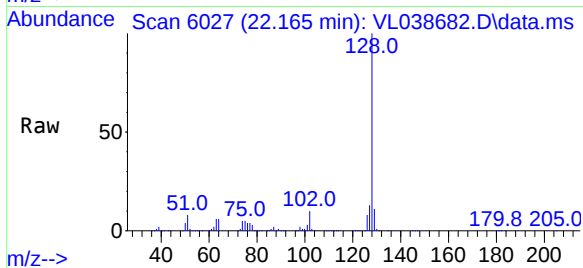
129 11.2 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#80

Naphthalene,2-methyl-

Concen: 12.614 ppbv

RT: 24.953 min Scan# 6894

Delta R.T. -0.006 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

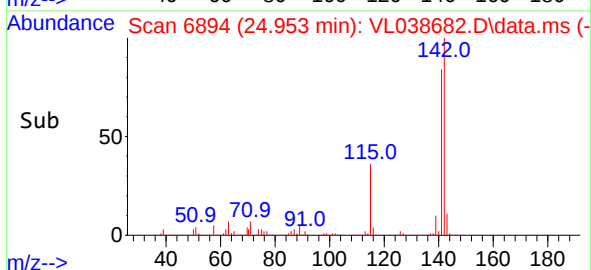
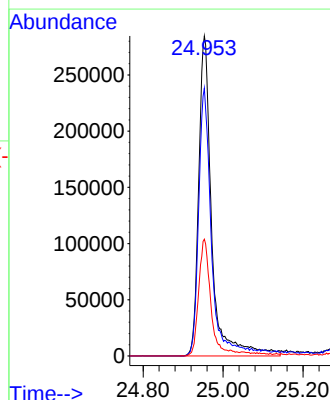
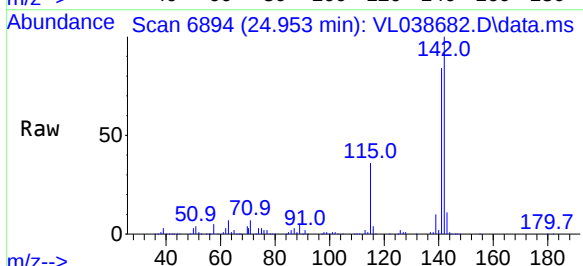
Tgt Ion:142 Resp: 649180

Ion Ratio Lower Upper

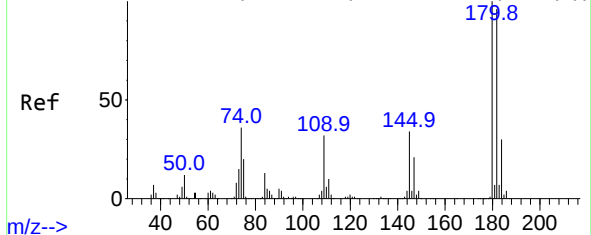
142 100

141 82.0 66.4 99.6

115 36.0 27.8 41.6



Abundance Scan 5947 (21.908 min): VL038648.D (-5924) (-)



#81

1,2,4-Trichlorobenzene

Concen: 10.366 ppbv

RT: 21.898 min Scan# 5944

Delta R.T. -0.010 min

Lab File: VL038682.D

Acq: 22 Mar 2022 12:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:180 Resp: 136190

Ion Ratio Lower Upper

180 100

182 98.8 79.2 118.8

184 31.4 24.8 37.2

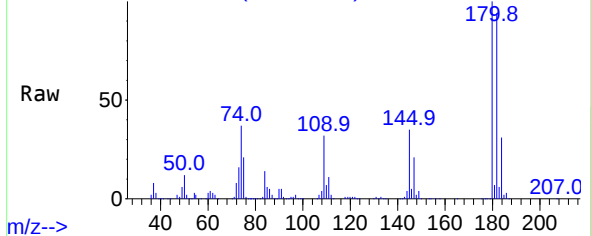
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022

Abundance Scan 5944 (21.898 min): VL038682.D\data.ms



Abundance Scan 5944 (21.898 min): VL038682.D\data.ms (-)

