

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038649.D
 Acq On : 21 Mar 2022 13:17
 Operator : SY/AP
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 21 15:05:40 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 2022

QLast Update : Mon Mar 21 15:04:50 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	979742	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2585772	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2424525	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 1795760 9.742 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	241130	1.629	ppbv	96
3) Chlorodifluoromethane	2.989	51	218287	1.264	ppbv	97
4) Chloromethane	3.144	50	119713	1.869	ppbv	96
5) Vinyl Chloride	3.260	62	112205	1.746	ppbv	99
6) Bromomethane	3.472	94	63424	1.838	ppbv	96
7) Chloroethane	3.555	64	37341	1.794	ppbv	92
8) Dichlorotetrafluoroethane	3.189	85	268891	1.874	ppbv	97
9) Propene	3.009	41	102834	1.687	ppbv	96
10) Heptane	8.115	43	254232	1.743	ppbv	100
11) Trichlorofluoromethane	3.948	101	240473	1.853	ppbv	94
12) 1,1,2-Trichlorotrifluoro...	4.481	101	184640	1.830	ppbv	96
13) Ethanol	3.613	45	12412m	1.773	ppbv	
14) Bromoethene	3.739	108	82456	1.918	ppbv	98
15) Acetone	3.851	43	175948	2.546	ppbv	98
16) 1,3-Butadiene	3.327	39	95741	1.724	ppbv	95
17) tert-Butyl alcohol	4.285	59	146763	1.955	ppbv	97
18) 1,1-Dichloroethene	4.285	96	84845	1.879	ppbv	96
19) Isopropyl Alcohol	3.967	45	93121m	2.018	ppbv	
20) Methylene Chloride	4.343	84	74000	1.779	ppbv	96
21) Allyl Chloride	4.411	41	120351	1.807	ppbv	95
22) trans-1,2-Dichloroethene	4.880	96	82786	1.749	ppbv	97
23) Vinyl Acetate	5.067	43	161385	1.629	ppbv	99
24) 1,1-Dichloroethane	5.005	63	169715m	1.884	ppbv	
25) Ethyl Acetate	5.674	43	446908	1.920	ppbv	99
26) Hexane	5.677	57	200468	1.834	ppbv	99
27) Carbon Disulfide	4.546	76	190260	1.748	ppbv	97
28) Methyl tert-Butyl Ether	5.034	73	149806m	1.684	ppbv	
29) Chloroform	5.745	83	313054	1.840	ppbv	98
30) Cyclohexane	7.128	84	172308	1.823	ppbv	90
31) cis-1,2-Dichloroethene	5.546	61	187585m	1.794	ppbv	
32) 1,1,1-Trichloroethane	6.504	97	301712	1.829	ppbv	99
34) 2-Butanone	5.243	43	174697	2.606	ppbv	93
35) Carbon Tetrachloride	7.012	117	301824	1.711	ppbv	94
36) Benzene	6.883	78	421125	1.805	ppbv	98
37) 1,2-Dichloroethane	6.298	62	208775	1.872	ppbv	100
38) Trichloroethene	7.825	130	180771	1.939	ppbv	93
39) 1,2-Dichloropropane	7.603	63	159810	1.781	ppbv	94
40) 1,4-Dioxane	7.832	88	55330m	2.464	ppbv	
41) Tetrahydrofuran	6.050	42	156218	2.849	ppbv	98
42) Bromodichloromethane	7.780	83	313663	1.774	ppbv	98
43) Methyl Methacrylate	8.005	69	154232	1.926	ppbv	100
44) 2,2,4-Trimethylpentane	7.861	57	713550	1.809	ppbv	100
45) t-1,3-Dichloropropene	9.266	75	144810m	2.509	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038649.D
 Acq On : 21 Mar 2022 13:17
 Operator : SY/AP
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 21 15:05:40 2022

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

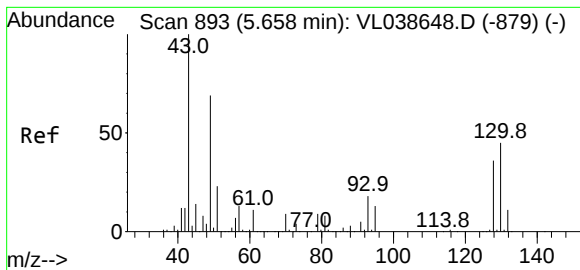
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 2022

QLast Update : Mon Mar 21 15:04:50 2022

Response via : Initial Calibration

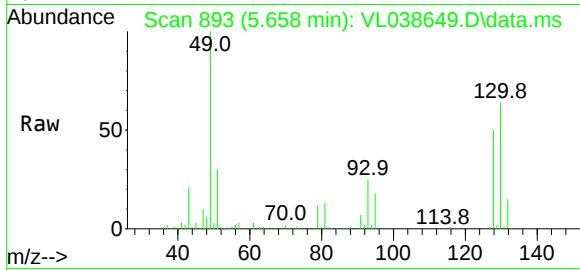
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	207721m	2.632	ppbv	
47) 1,1,2-Trichloroethane	9.465	97	167759	1.834	ppbv	98
48) Dibromochloromethane	10.291	129	271440	1.869	ppbv	99
49) Bromoform	13.028	173	217768	1.958	ppbv	98
50) 4-Methyl-2-Pentanone	8.735	43	398077m	2.897	ppbv	
51) 2-Hexanone	10.127	43	274449	4.727	ppbv #	99
52) Tetrachloroethene	11.211	164	147826	1.728	ppbv	97
53) Toluene	9.796	91	456955	1.835	ppbv	98
54) 1,2-Dibromoethane	10.597	107	230526	1.764	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.114	131	202527	2.051	ppbv #	1
57) Chlorobenzene	12.131	112	351327	1.898	ppbv	98
58) Ethyl Benzene	12.700	91	595729	1.898	ppbv	97
59) m/p-Xylene	12.983	91	1042264m	3.878	ppbv	
60) o-Xylene	13.680	91	491537	1.937	ppbv	99
61) Styrene	13.516	104	262359	2.098	ppbv	98
62) Isopropylbenzene	14.655	105	733022	2.093	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.664	83	347331	1.620	ppbv	98
64) n-propylbenzene	15.548	120	193839	2.172	ppbv	92
65) tert-Butylbenzene	16.732	119	679291	2.169	ppbv	97
66) Benzyl Chloride	16.976	91	101278	5.459	ppbv	99
67) sec-Butylbenzene	17.281	105	970940	2.182	ppbv	99
69) p-Isopropyltoluene	17.642	119	801379	2.174	ppbv	100
70) n-Butylbenzene	18.535	91	833584	2.123	ppbv	99
71) 2-Chlorotoluene	15.442	91	552666	2.126	ppbv	99
72) 4-Ethyltoluene	15.828	105	572519	1.964	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	539708m	1.994	ppbv	
74) 1,2,4-Trimethylbenzene	16.748	105	586518	2.029	ppbv	95
75) 1,3-Dichlorobenzene	16.982	146	362009	1.985	ppbv	100
76) 1,4-Dichlorobenzene	17.124	146	365091m	2.021	ppbv	
77) 1,2-Dichlorobenzene	17.806	146	352842	1.912	ppbv	99
78) Hexachloro-1,3-Butadiene	23.358	225	359670m	1.998	ppbv	
79) Naphthalene	22.178	128	505964	1.946	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	135674	2.956	ppbv	95
81) 1,2,4-Trichlorobenzene	21.908	180	313056	1.884	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

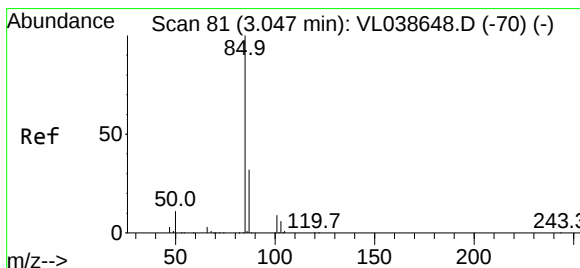
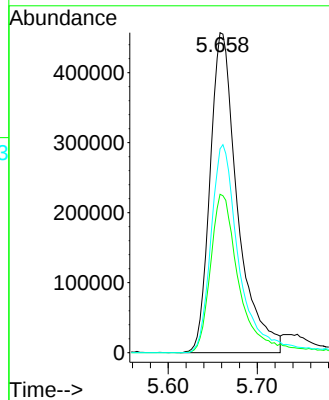
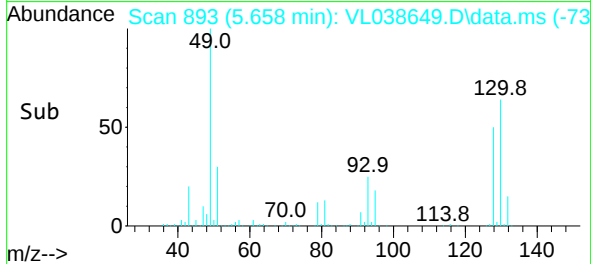
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



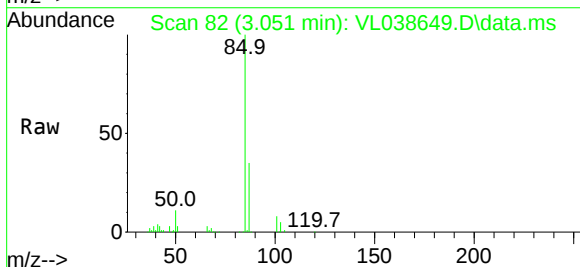
Tgt Ion: 49 Resp: 97974
Ion Ratio Lower Upper
49 100
128 53.1 26.2 78.6
130 68.6 33.7 101.1

Manual Integrations
APPROVED

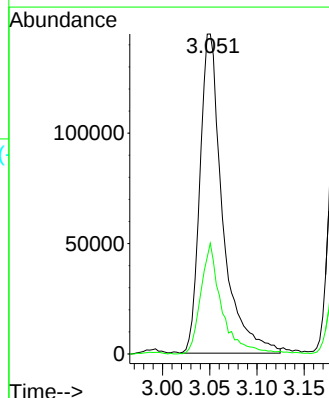
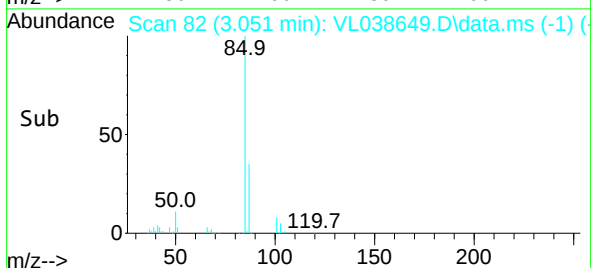
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

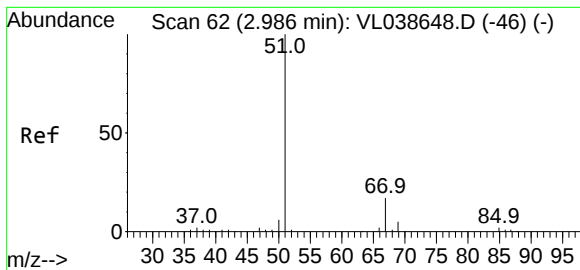


#2
Dichlorodifluoromethane
Concen: 1.629 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



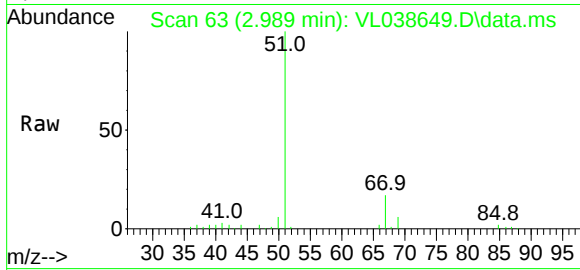
Tgt Ion: 85 Resp: 241130
Ion Ratio Lower Upper
85 100
87 34.6 26.0 39.0





#3
Chlorodifluoromethane
Concen: 1.264 ppbv
RT: 2.989 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

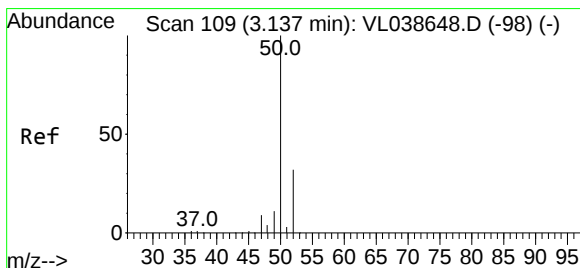
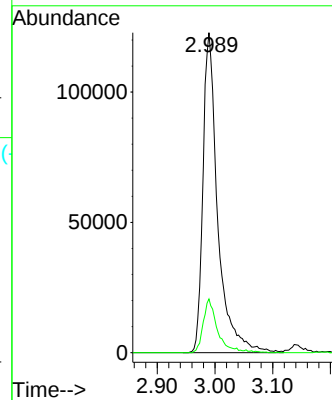
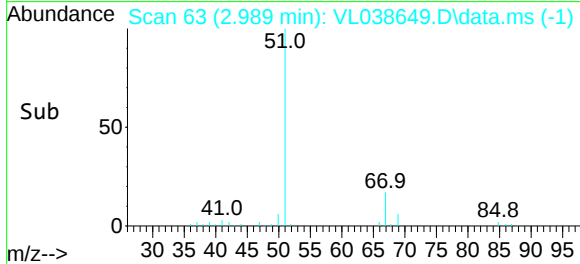
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 51 Resp: 21828
Ion Ratio Lower Upper
51 100
67 16.4 14.1 21.1

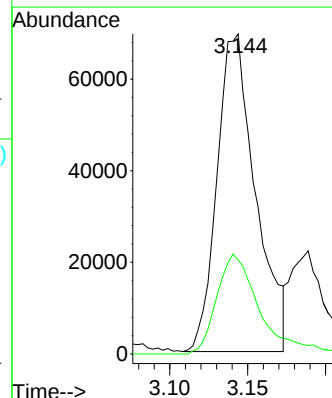
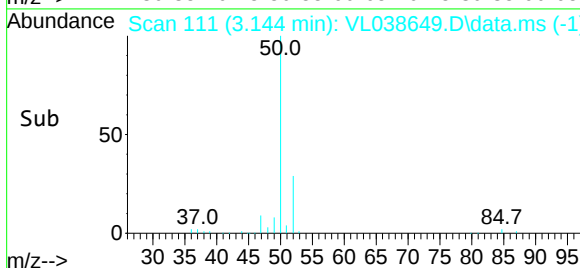
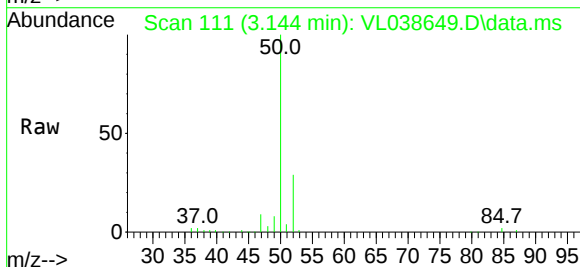
Manual Integrations
APPROVED

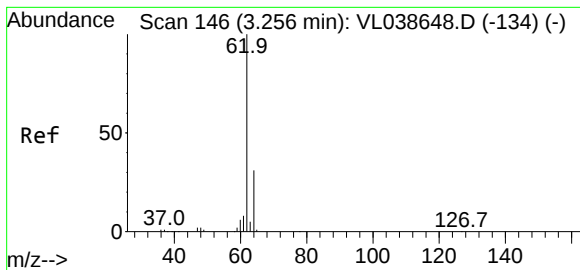
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#4
Chloromethane
Concen: 1.869 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

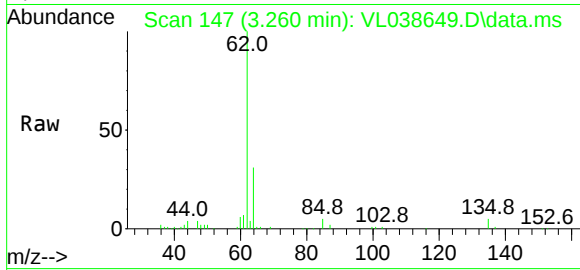
Tgt Ion: 50 Resp: 119713
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3





#5
 Vinyl Chloride
 Concen: 1.746 ppbv
 RT: 3.260 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

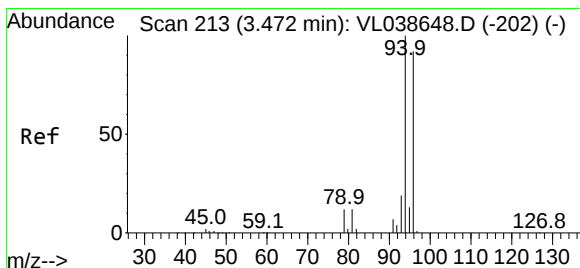
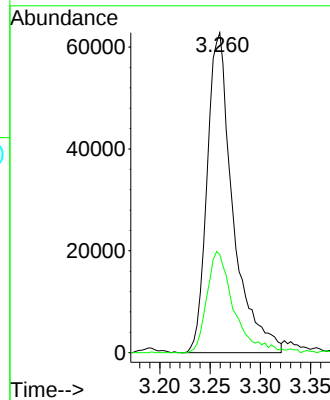
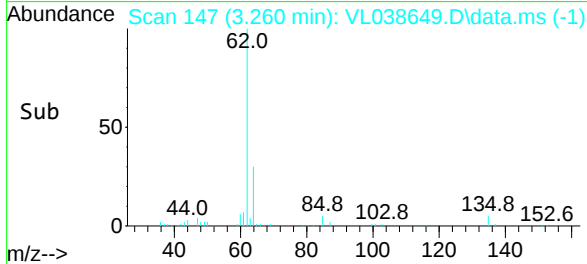
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 11220
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.0 37.4

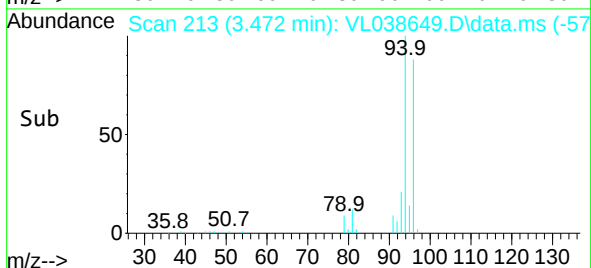
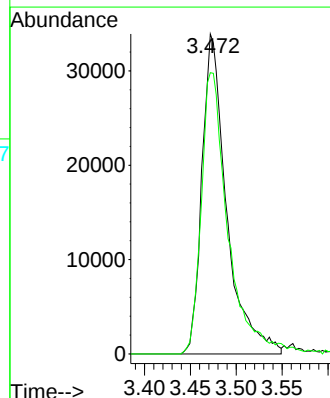
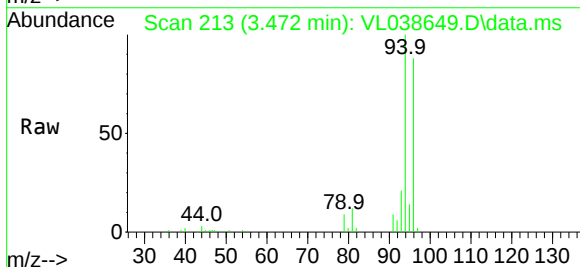
Manual Integrations
 APPROVED

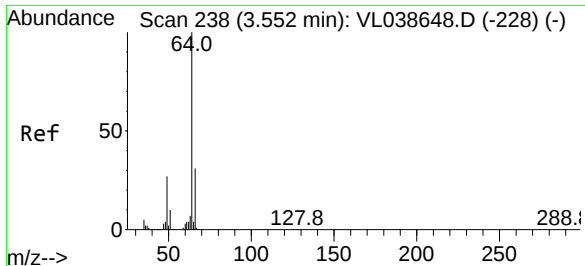
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#6
 Bromomethane
 Concen: 1.838 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

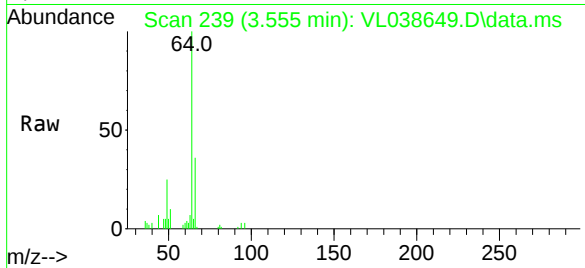
Tgt Ion: 94 Resp: 63424
 Ion Ratio Lower Upper
 94 100
 96 87.9 73.3 109.9





#7
Chloroethane
Concen: 1.794 ppbv
RT: 3.555 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

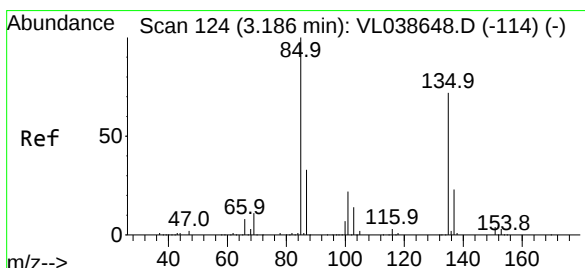
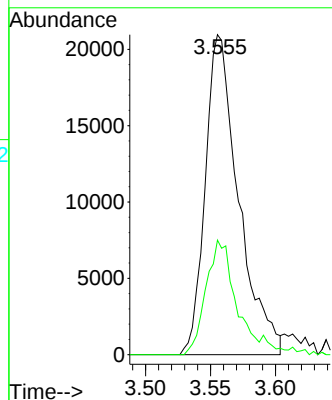
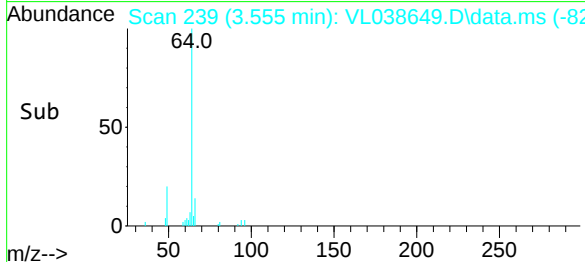
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



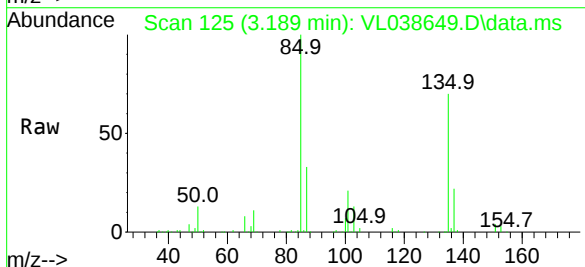
Tgt Ion: 64 Resp: 3734
Ion Ratio Lower Upper
64 100
66 35.8 25.0 37.6

Manual Integrations
APPROVED

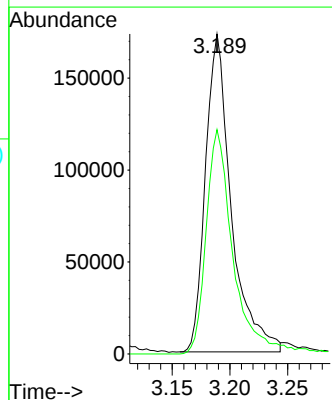
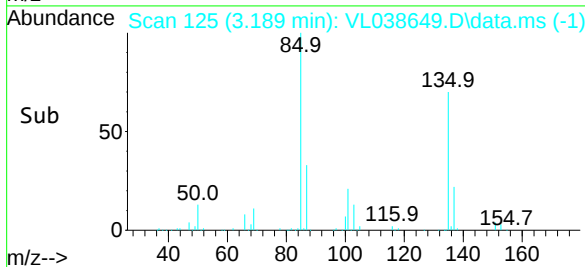
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

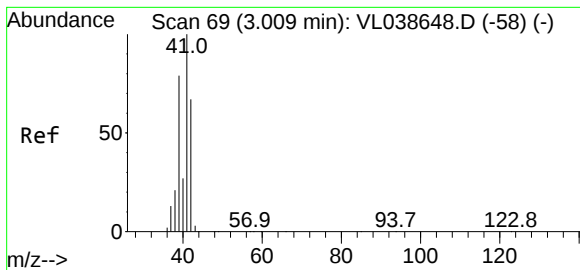


#8
Dichlorotetrafluoroethane
Concen: 1.874 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



Tgt Ion: 85 Resp: 268891
Ion Ratio Lower Upper
85 100
135 75.0 57.8 86.6





#9
 Propene
 Concen: 1.687 ppbv
 RT: 3.009 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

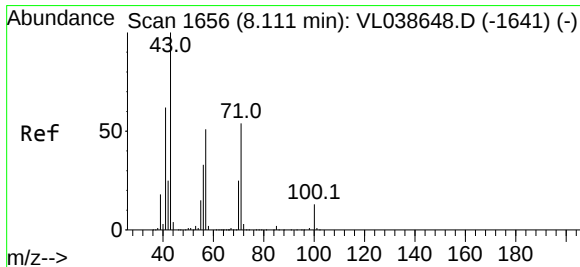
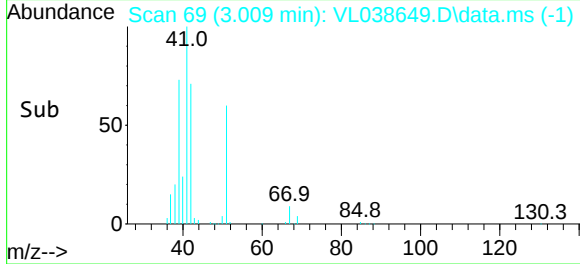
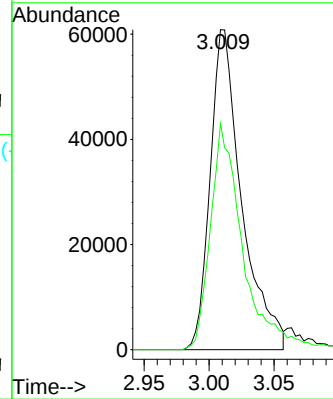
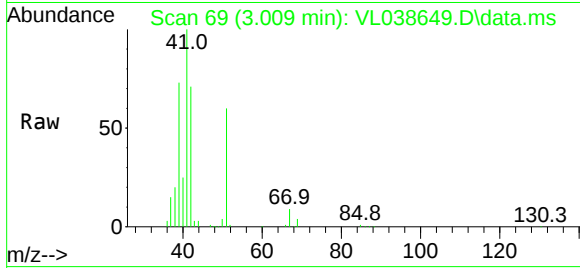
ClientSampleId :

VSTDIC002

Tgt Ion: 41 Resp: 102834
 Ion Ratio Lower Upper
 41 100
 42 73.5 56.2 84.4

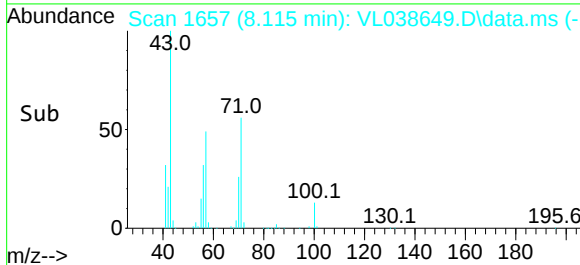
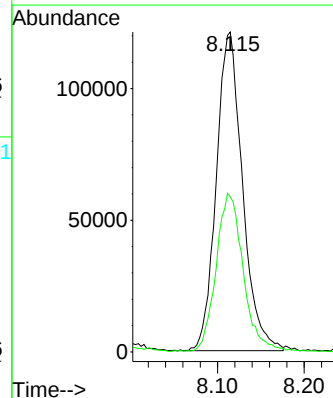
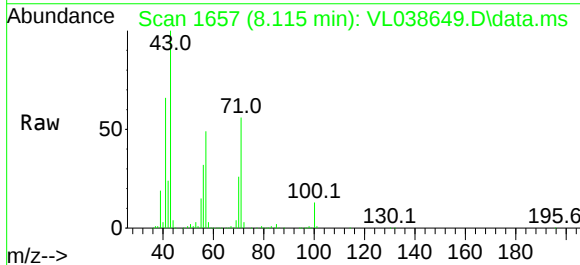
Manual Integrations
 APPROVED

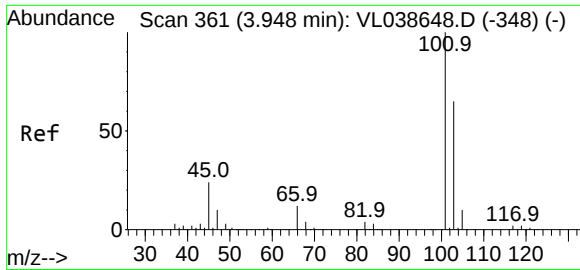
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#10
 Heptane
 Concen: 1.743 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

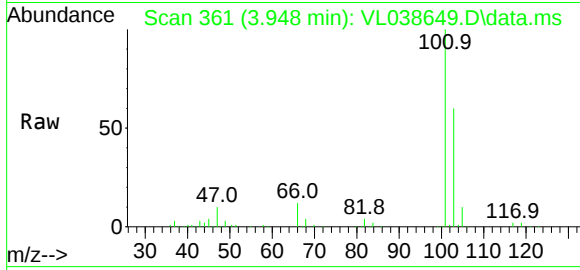
Tgt Ion: 43 Resp: 254232
 Ion Ratio Lower Upper
 43 100
 57 51.5 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 1.853 ppbv
 RT: 3.948 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

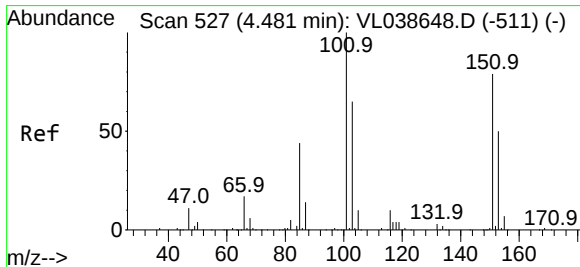
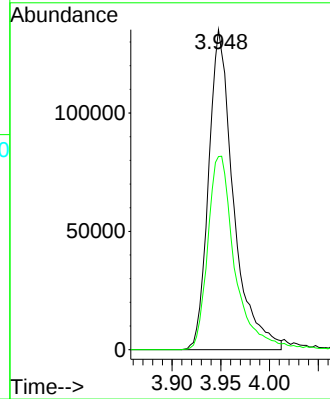
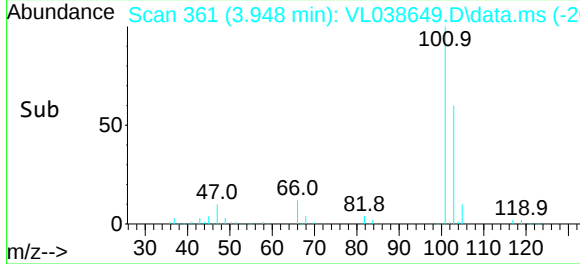
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



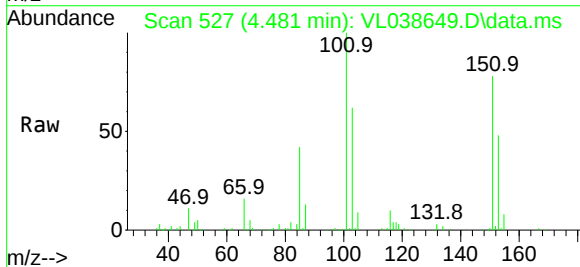
Tgt Ion:101 Resp: 24047
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.9 77.9

Manual Integrations
 APPROVED

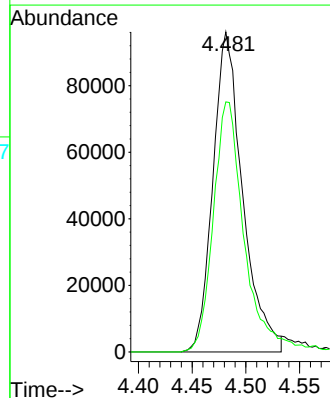
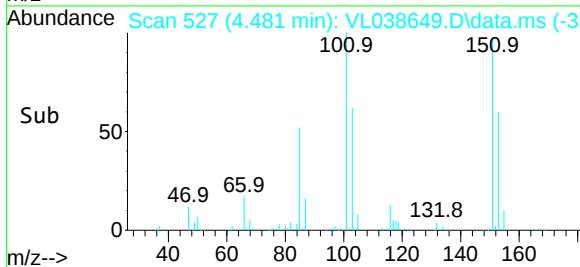
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

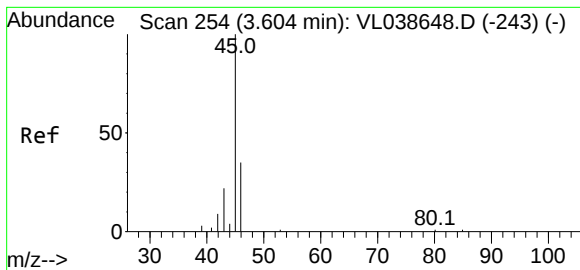


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.830 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17



Tgt Ion:101 Resp: 184640
 Ion Ratio Lower Upper
 101 100
 151 82.5 62.9 94.3





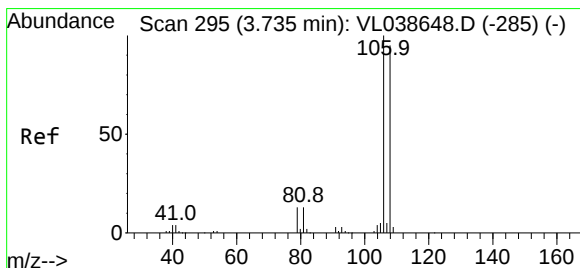
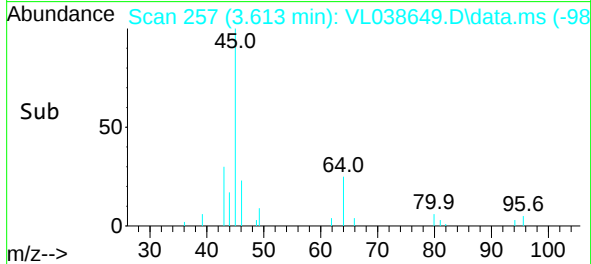
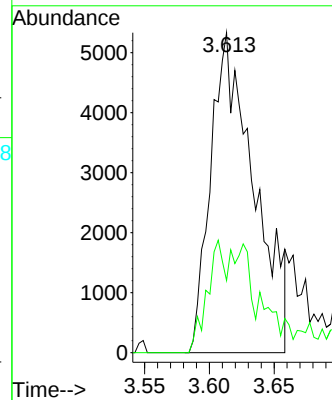
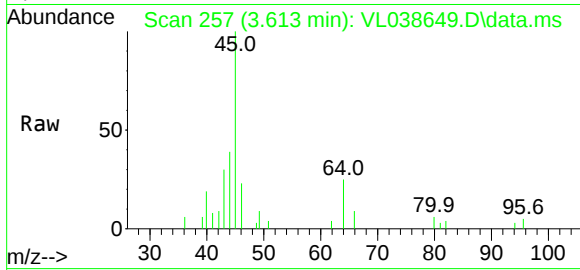
#13
Ethanol
Concen: 1.773 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 1241
Ion Ratio Lower Upper
45 100
46 43.6 15.1 60.5

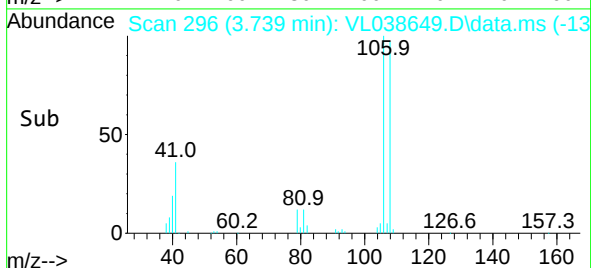
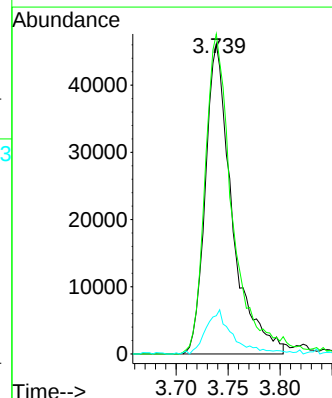
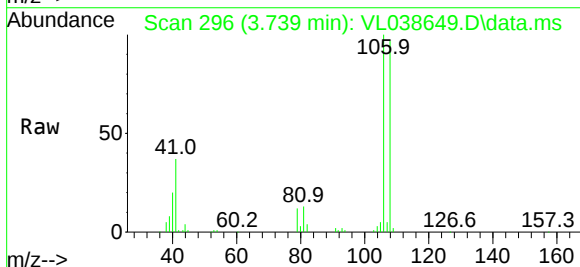
Manual Integrations
APPROVED

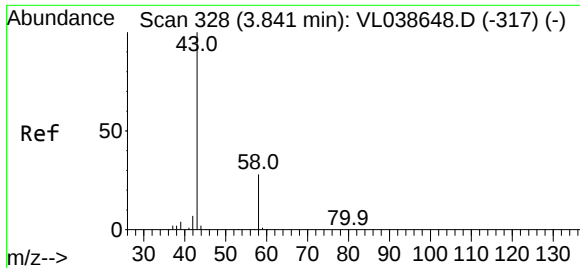
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#14
Bromoethene
Concen: 1.918 ppbv
RT: 3.739 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion:108 Resp: 82456
Ion Ratio Lower Upper
108 100
106 108.7 88.3 132.5
79 14.8 11.2 16.8





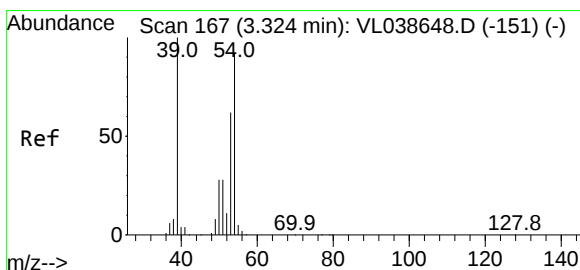
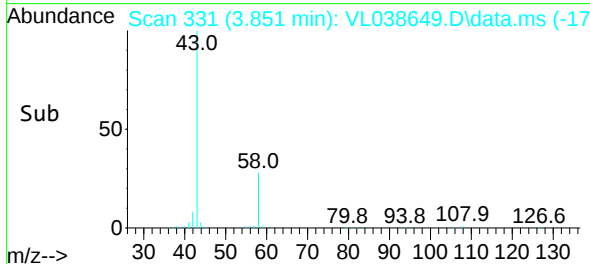
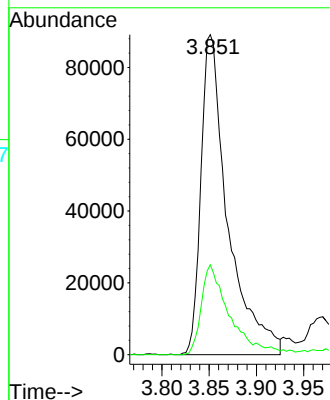
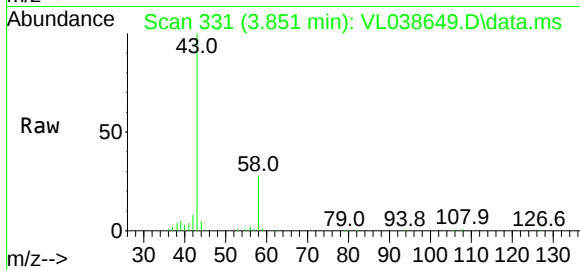
#15
Acetone
Concen: 2.546 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 175948
Ion Ratio Lower Upper
43 100
58 30.0 23.3 34.9

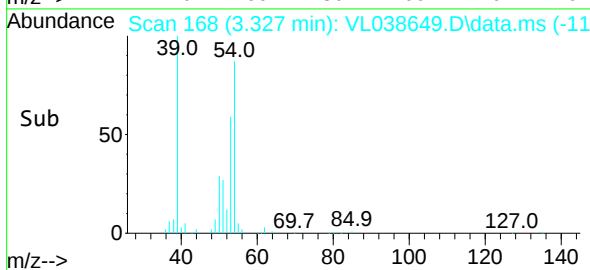
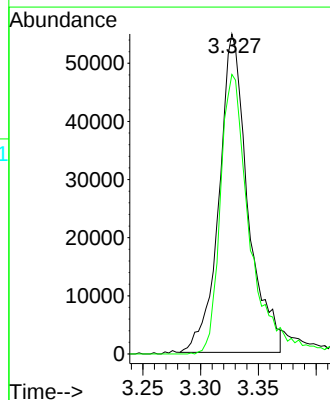
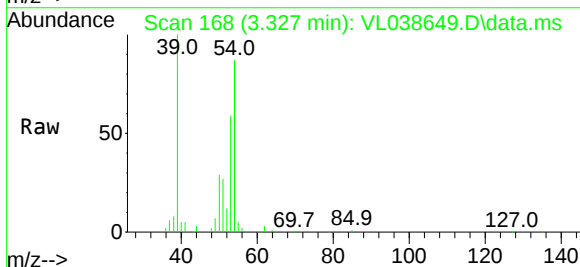
Manual Integrations
APPROVED

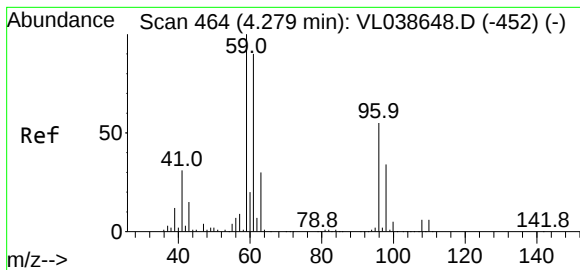
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#16
1,3-Butadiene
Concen: 1.724 ppbv
RT: 3.327 min Scan# 168
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

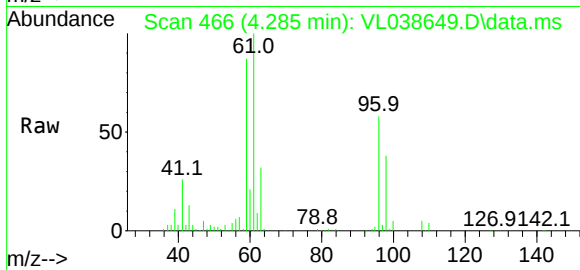
Tgt Ion: 39 Resp: 95741
Ion Ratio Lower Upper
39 100
54 91.2 69.1 103.7





#17
tert-Butyl alcohol
Concen: 1.955 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

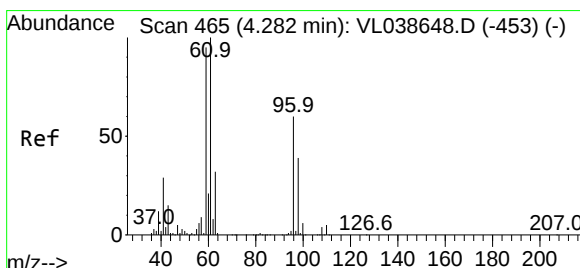
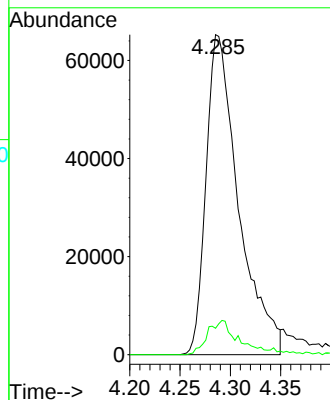
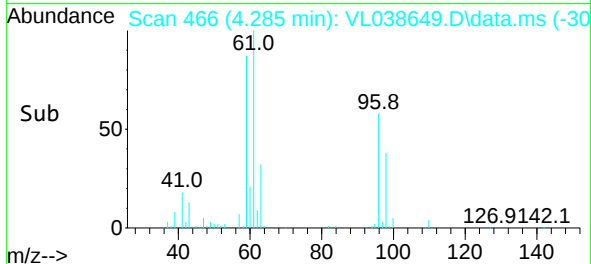
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



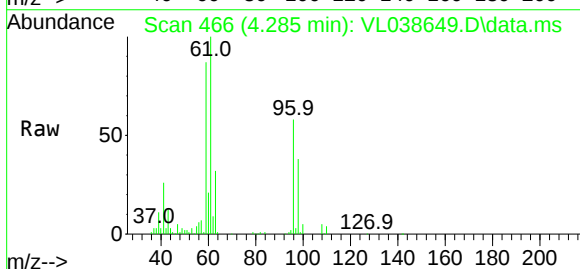
Tgt Ion: 59 Resp: 14676
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.2

Manual Integrations
APPROVED

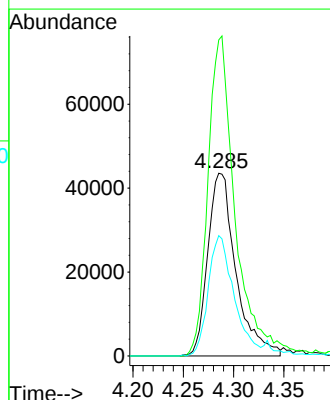
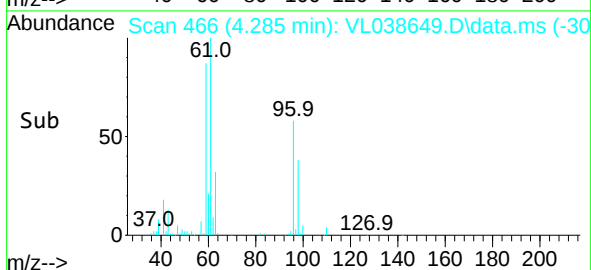
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

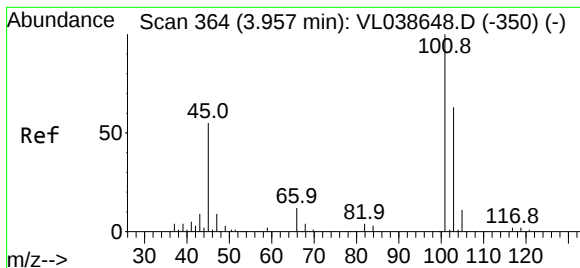


#18
1,1-Dichloroethene
Concen: 1.879 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



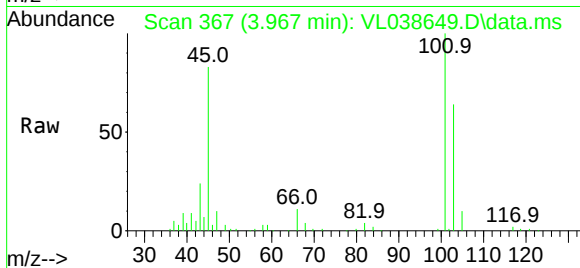
Tgt Ion: 96 Resp: 84845
Ion Ratio Lower Upper
96 100
61 172.9 132.4 198.6
98 65.9 51.6 77.4





#19
Isopropyl Alcohol
Concen: 2.018 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

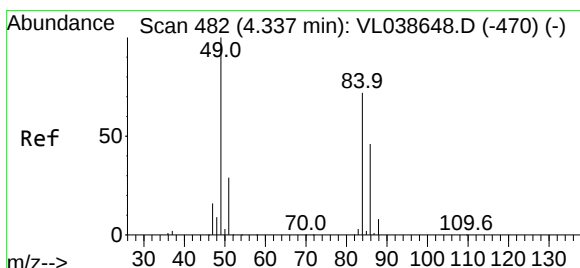
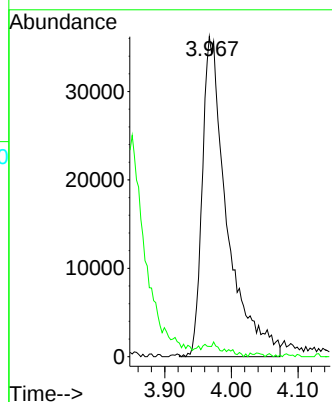
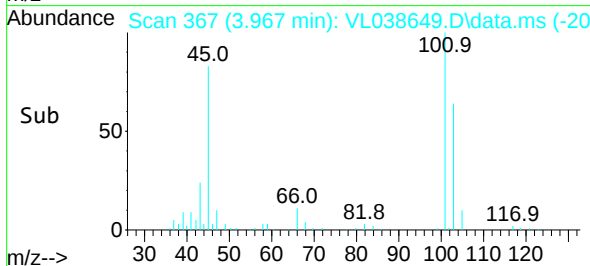
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



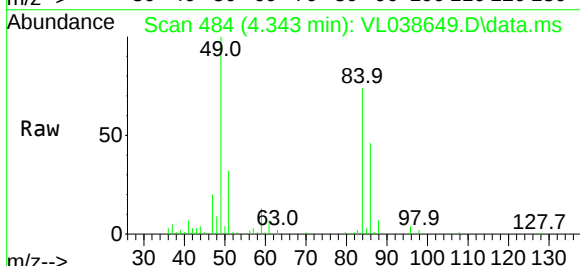
Tgt Ion: 45 Resp: 9312
Ion Ratio Lower Upper
45 100
58 3.9 2.3 3.5

Manual Integrations
APPROVED

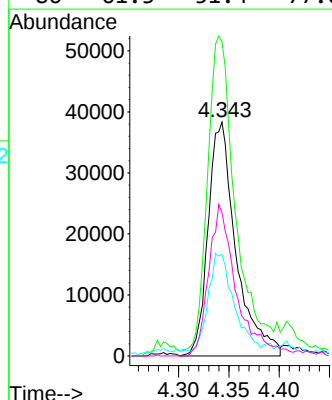
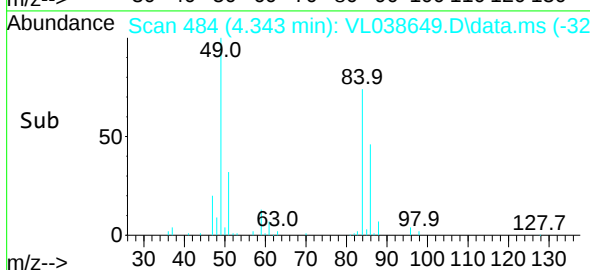
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

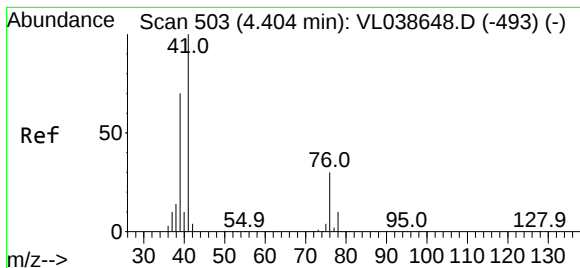


#20
Methylene Chloride
Concen: 1.779 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



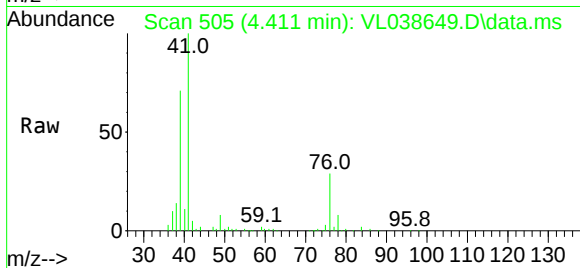
Tgt Ion: 84 Resp: 74000
Ion Ratio Lower Upper
84 100
49 132.5 111.2 166.8
51 40.4 32.8 49.2
86 61.3 51.4 77.0





#21
 Allyl Chloride
 Concen: 1.807 ppbv
 RT: 4.411 min Scan# 503
 Delta R.T. 0.006 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

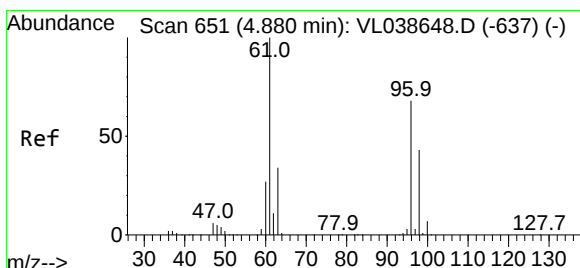
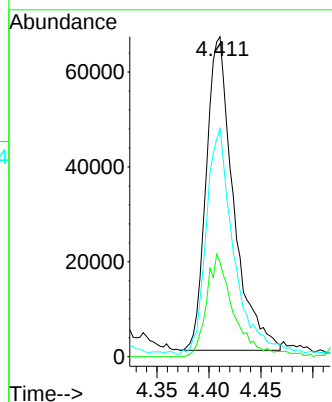
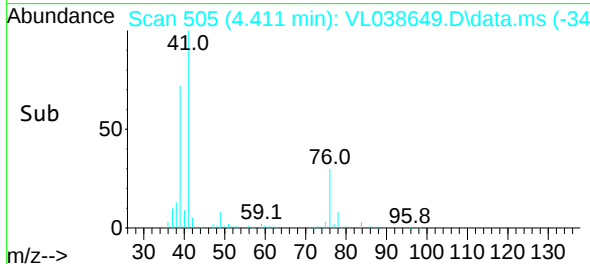
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 41 Resp: 12035
 Ion Ratio Lower Upper
 41 100
 76 33.0 25.0 37.6
 39 75.9 56.6 85.0

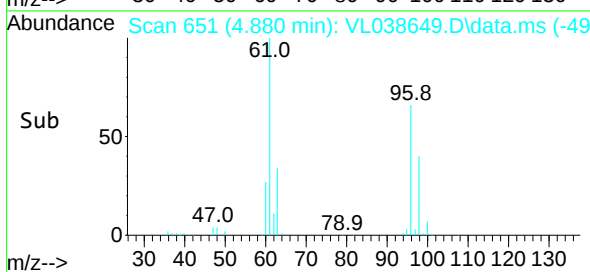
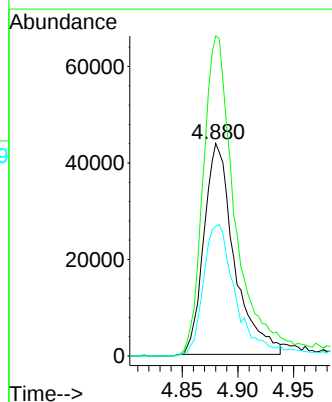
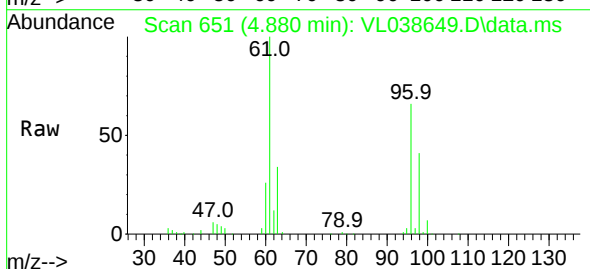
Manual Integrations
 APPROVED

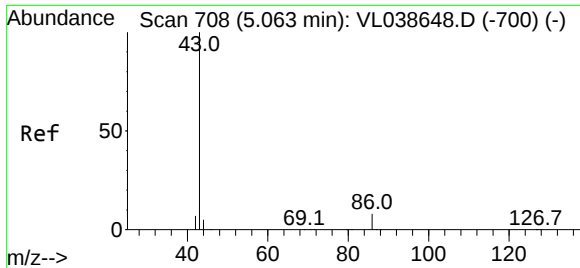
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 1.749 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

Tgt Ion: 96 Resp: 82786
 Ion Ratio Lower Upper
 96 100
 61 150.9 118.3 177.5
 98 61.0 51.3 76.9





#23
 Vinyl Acetate
 Concen: 1.629 ppbv
 RT: 5.067 min Scan# 708
 Delta R.T. 0.003 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

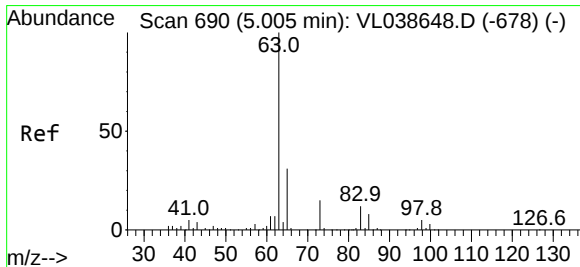
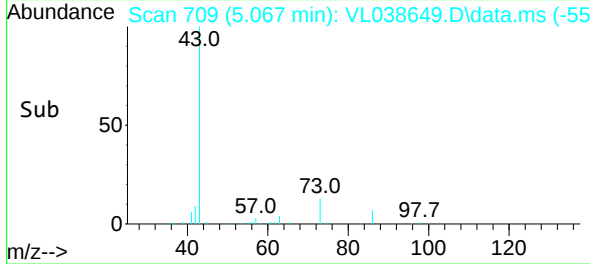
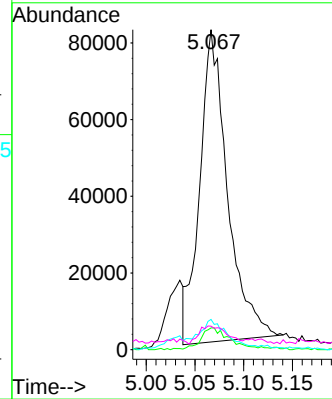
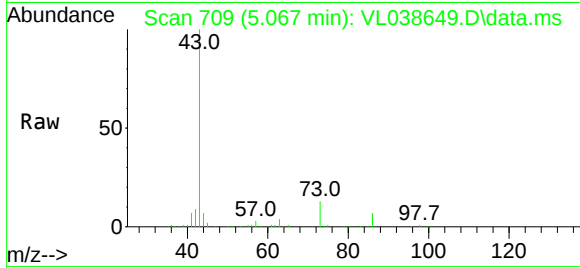
VSTDICC002

Tgt Ion: 43 Resp: 161385
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 9.3 6.8 10.2
 44 4.7 4.2 6.2

Manual Integrations

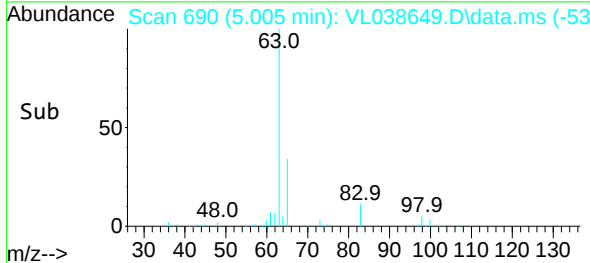
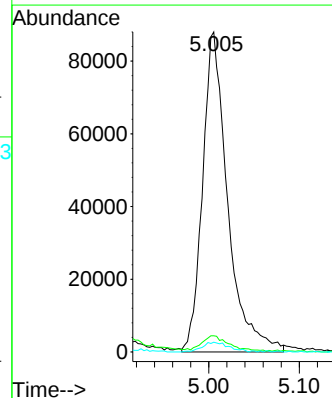
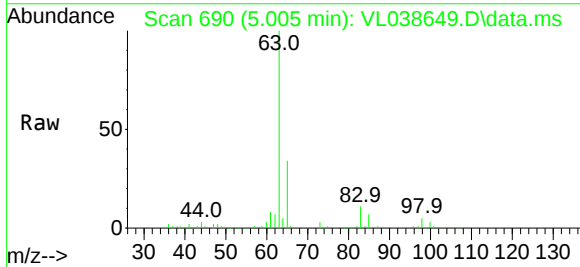
APPROVED

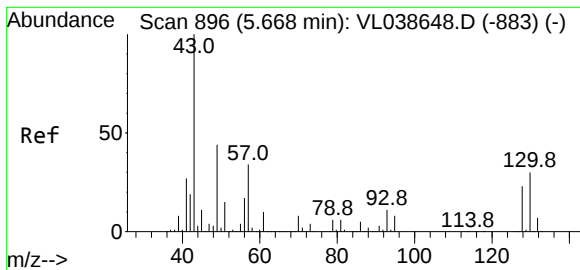
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#24
 1,1-Dichloroethane
 Concen: 1.884 ppbv m
 RT: 5.005 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

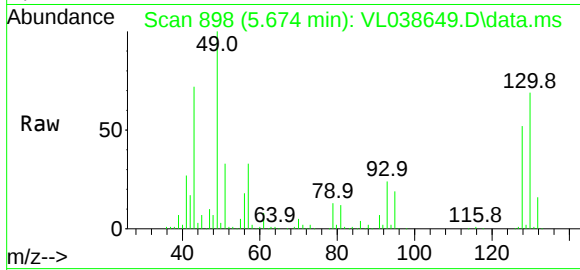
Tgt Ion: 63 Resp: 169715
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.5 7.5
 100 3.0 1.4 4.2





#25
Ethyl Acetate
Concen: 1.920 ppbv
RT: 5.674 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

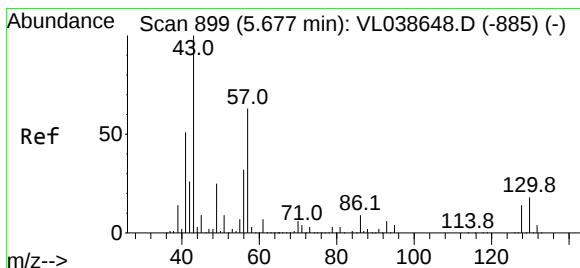
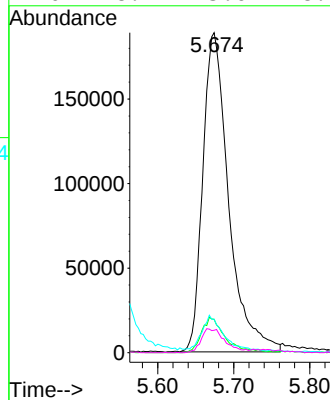
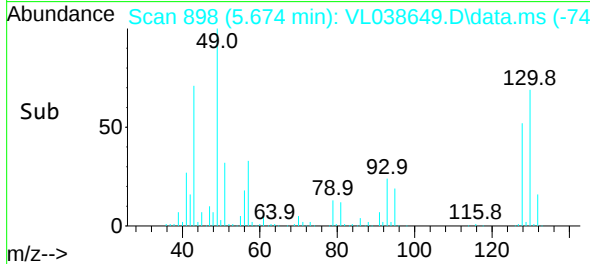
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



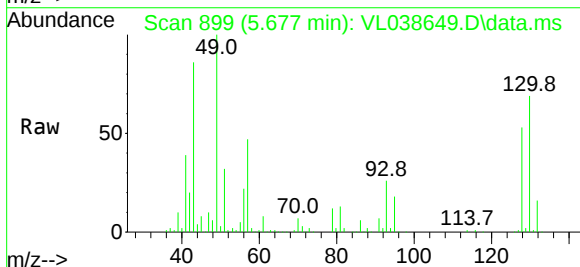
Tgt Ion: 43 Resp: 446908
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.4
61 10.6 8.3 12.5
70 8.1 5.6 8.4

Manual Integrations
APPROVED

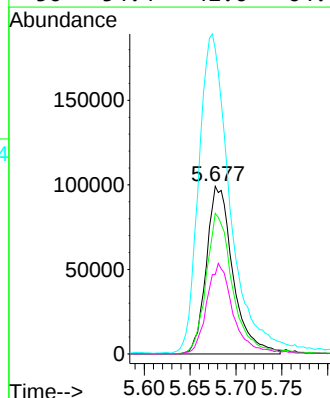
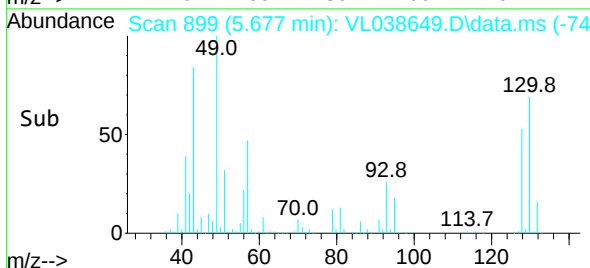
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

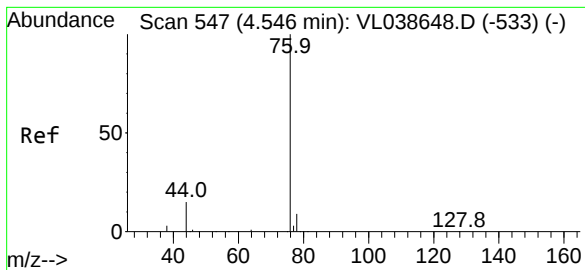


#26
Hexane
Concen: 1.834 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



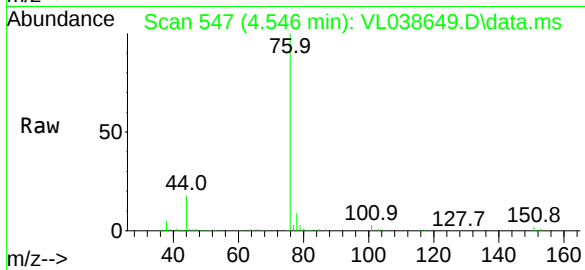
Tgt Ion: 57 Resp: 200468
Ion Ratio Lower Upper
57 100
41 85.3 67.0 100.4
43 229.5 184.2 276.2
56 54.4 42.6 64.0





#27
Carbon Disulfide
Concen: 1.748 ppbv
RT: 4.546 min Scan# 547
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

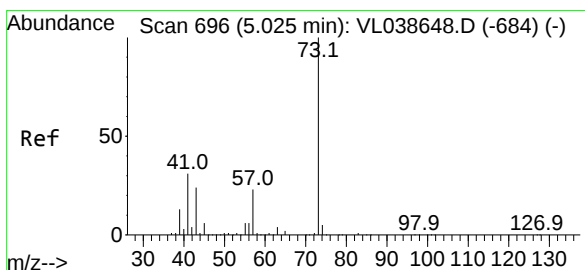
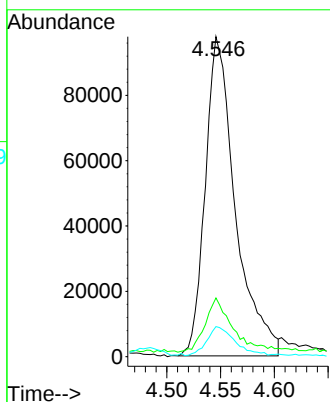
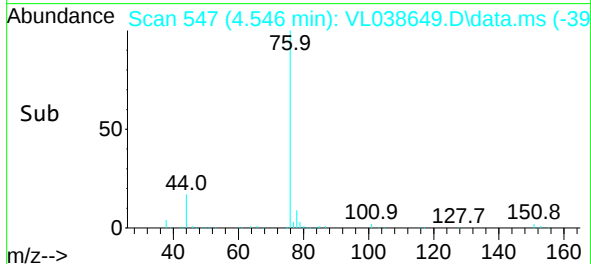
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 76 Resp: 190260
Ion Ratio Lower Upper
76 100
44 17.0 12.4 18.6
78 10.4 7.8 11.8

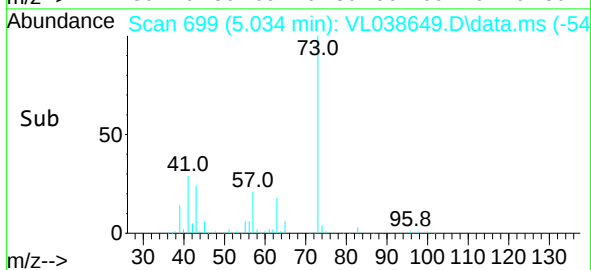
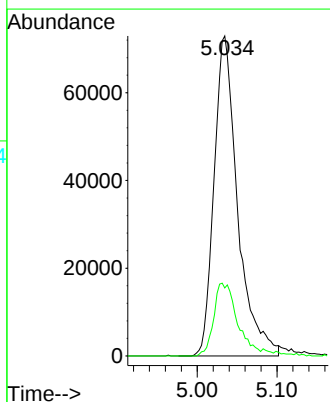
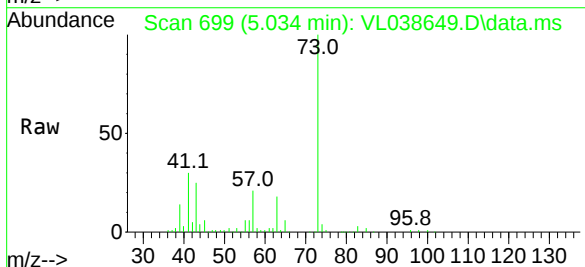
Manual Integrations
APPROVED

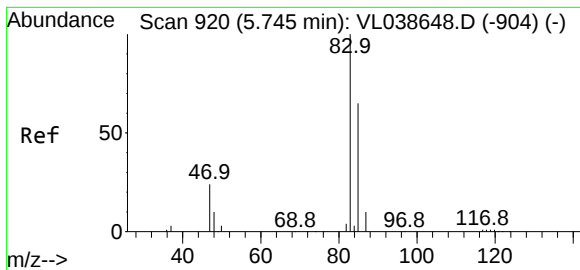
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#28
Methyl tert-Butyl Ether
Concen: 1.684 ppbv m
RT: 5.034 min Scan# 699
Delta R.T. 0.010 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

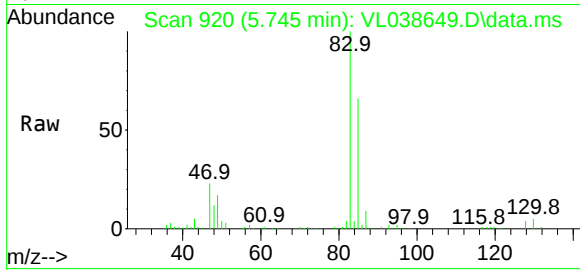
Tgt Ion: 73 Resp: 149806
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8





#29
Chloroform
Concen: 1.840 ppbv
RT: 5.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

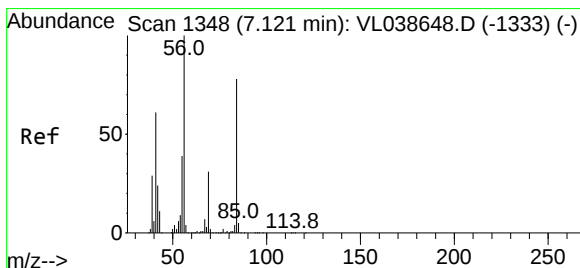
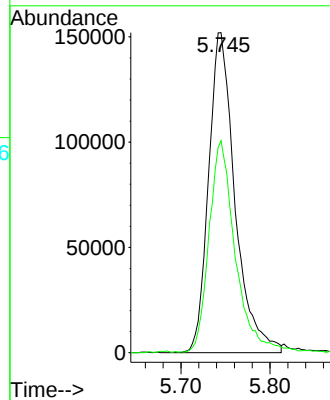
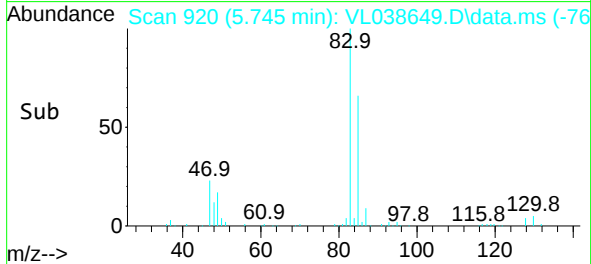
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 83 Resp: 313054
Ion Ratio Lower Upper
83 100
85 66.0 51.7 77.5

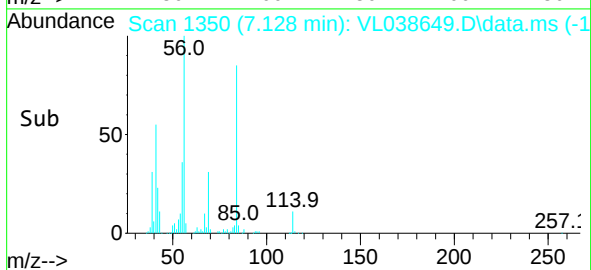
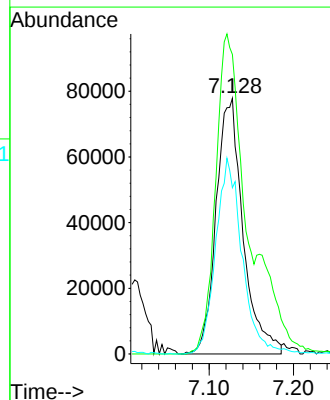
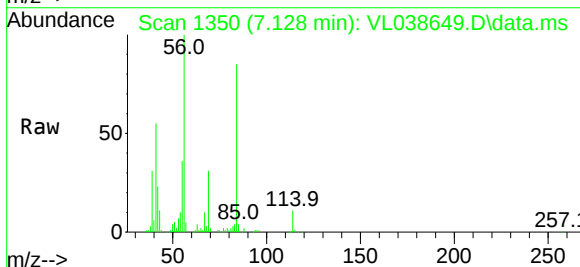
Manual Integrations
APPROVED

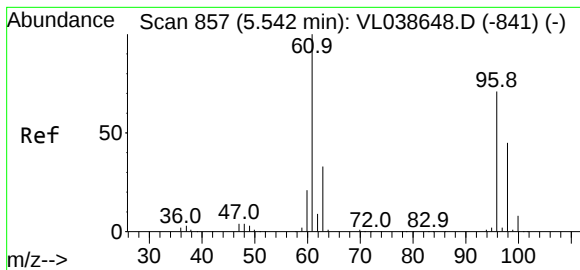
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#30
Cyclohexane
Concen: 1.823 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

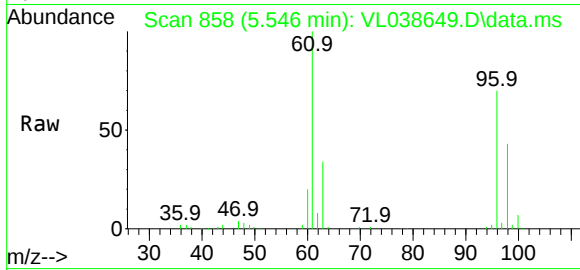
Tgt Ion: 84 Resp: 172308
Ion Ratio Lower Upper
84 100
56 152.5 108.2 162.4
41 75.9 61.8 92.6





#31
cis-1,2-Dichloroethene
Concen: 1.794 ppbv m
RT: 5.546 min Scan# 857
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

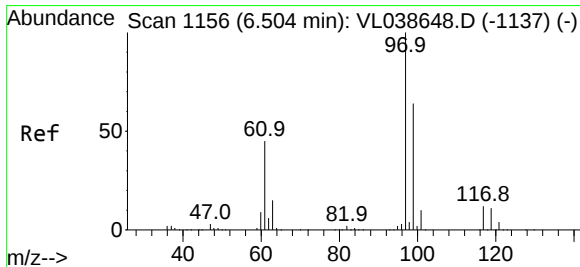
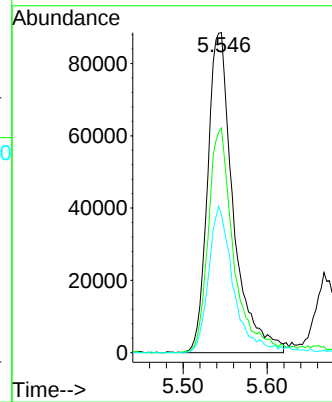
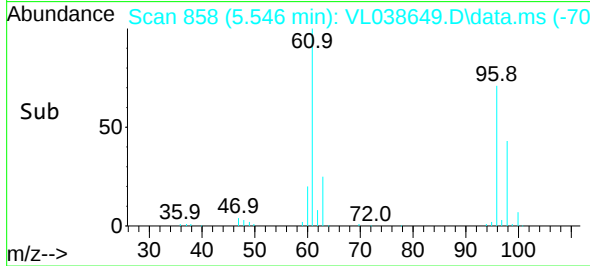
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 61 Resp: 18758
Ion Ratio Lower Upper
61 100
96 70.2 56.6 84.8
98 43.1 36.3 54.5

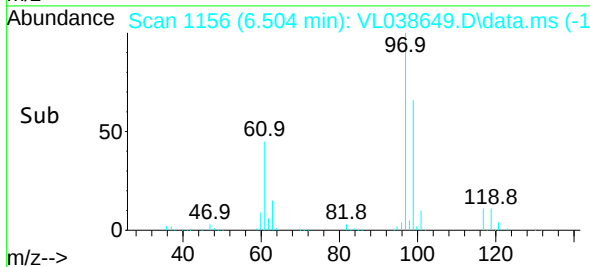
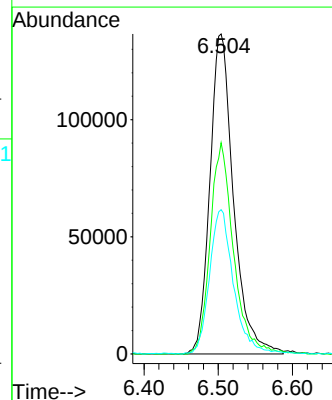
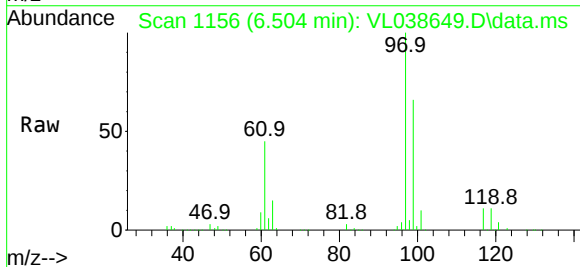
Manual Integrations
APPROVED

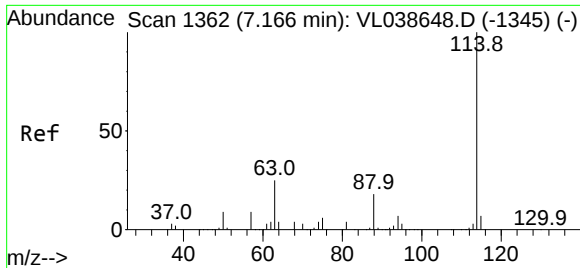
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#32
1,1,1-Trichloroethane
Concen: 1.829 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

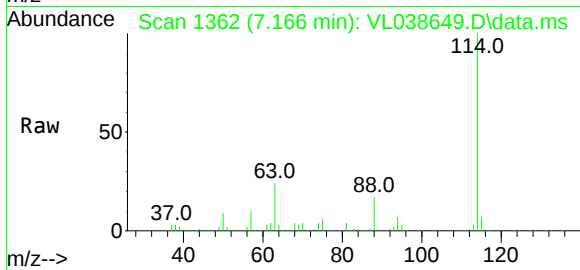
Tgt Ion: 97 Resp: 301712
Ion Ratio Lower Upper
97 100
99 65.3 51.8 77.8
61 46.2 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

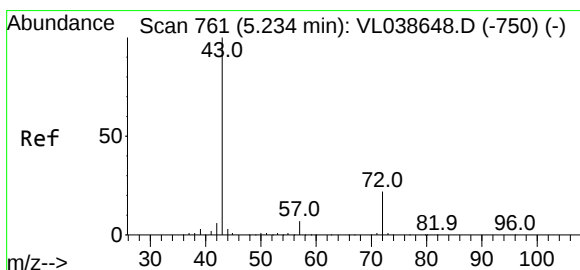
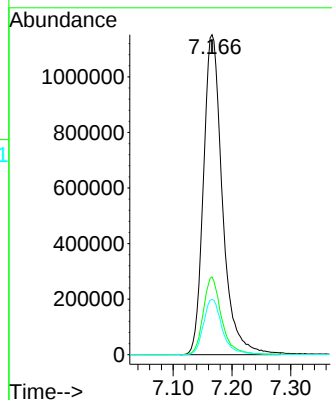
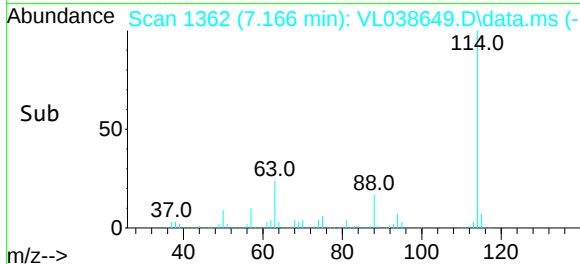
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:114 Resp: 2585772
Ion Ratio Lower Upper
114 100
63 23.7 19.4 29.0
88 17.2 13.9 20.9

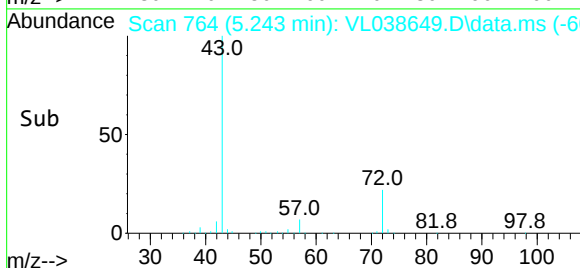
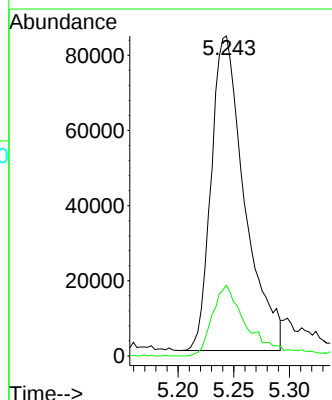
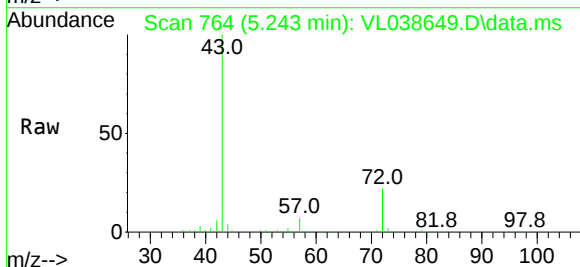
Manual Integrations
APPROVED

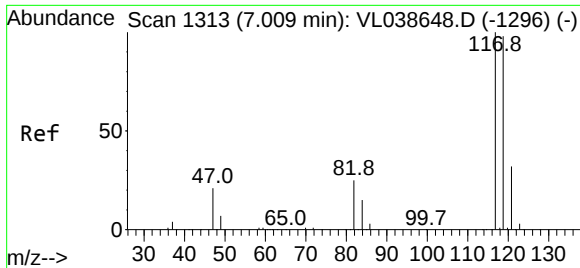
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#34
2-Butanone
Concen: 2.606 ppbv
RT: 5.243 min Scan# 764
Delta R.T. 0.010 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 43 Resp: 174697
Ion Ratio Lower Upper
43 100
72 25.4 17.8 26.8





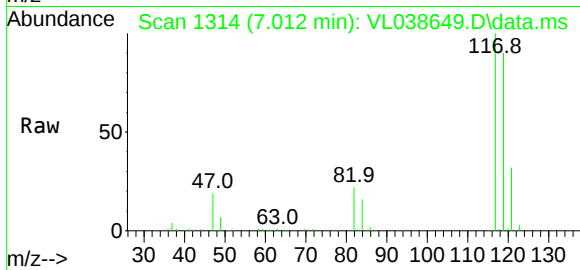
#35
Carbon Tetrachloride
Concen: 1.711 ppbv
RT: 7.012 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

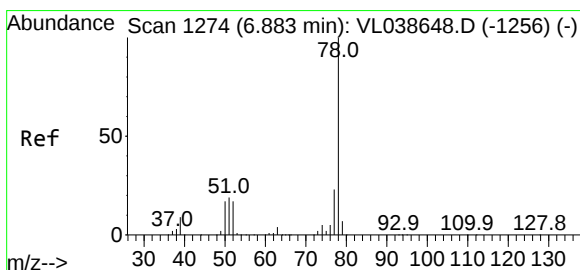
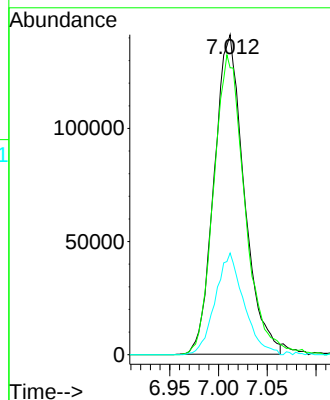
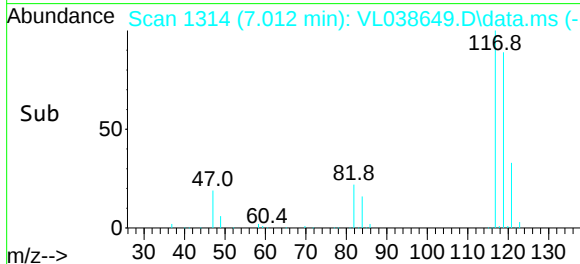


Tgt Ion:117 Resp: 301824
Ion Ratio Lower Upper
117 100
119 89.8 78.1 117.1
121 31.8 25.8 38.6

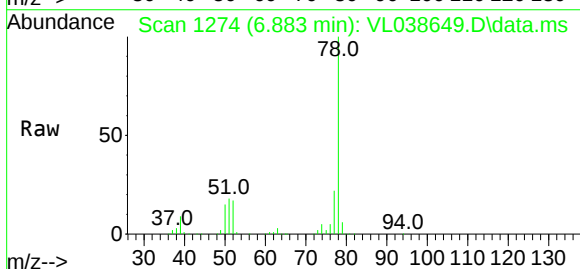
Manual Integrations

APPROVED

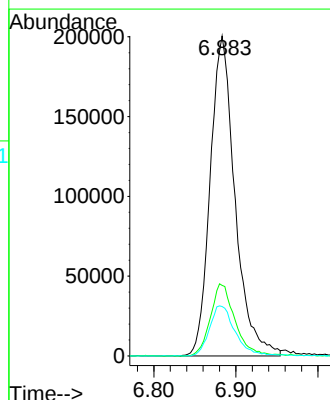
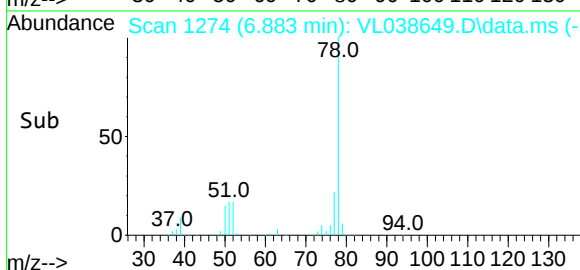
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

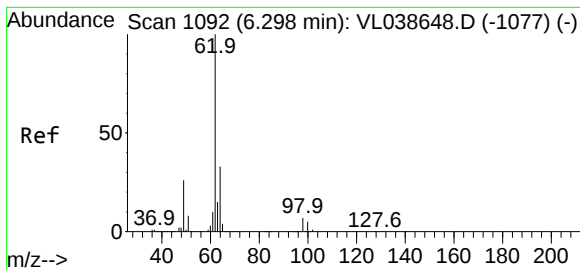


#36
Benzene
Concen: 1.805 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



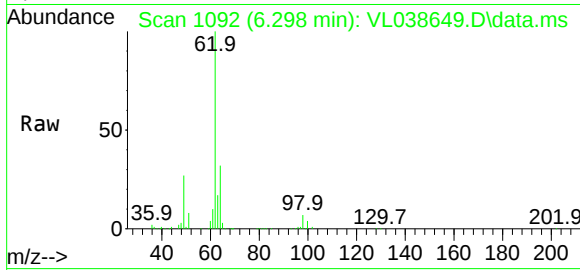
Tgt Ion: 78 Resp: 421125
Ion Ratio Lower Upper
78 100
77 22.0 18.1 27.1
50 15.4 13.6 20.4





#37
1,2-Dichloroethane
Concen: 1.872 ppbv
RT: 6.298 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

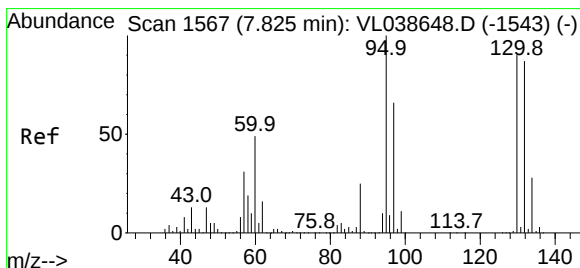
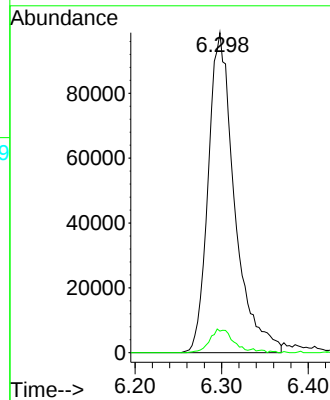
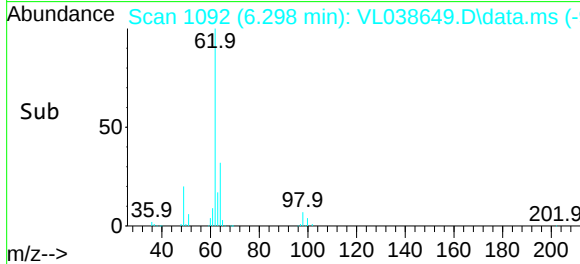
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



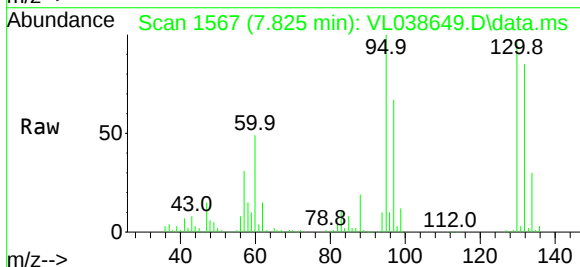
Tgt Ion: 62 Resp: 208771
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4

Manual Integrations
APPROVED

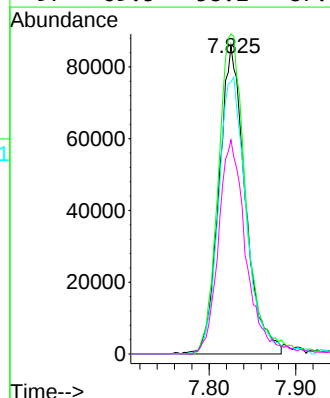
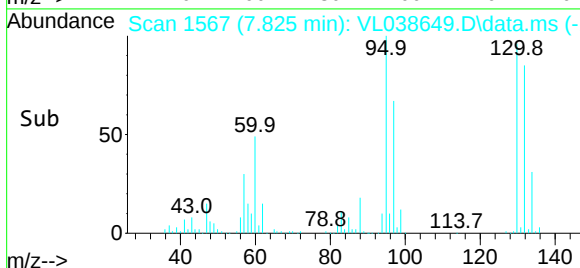
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

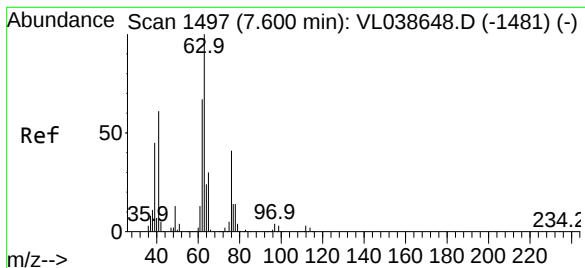


#38
Trichloroethene
Concen: 1.939 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



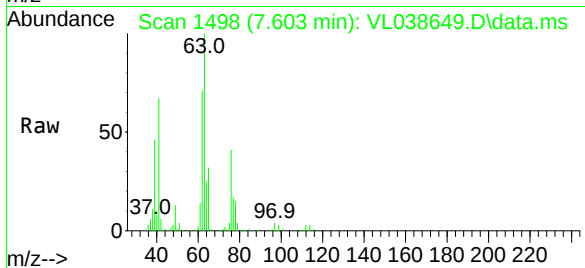
Tgt Ion:130 Resp: 180771
Ion Ratio Lower Upper
130 100
95 103.9 88.9 133.3
132 88.3 77.4 116.0
97 69.5 58.2 87.4





#39
1,2-Dichloropropane
Concen: 1.781 ppbv
RT: 7.603 min Scan# 1497
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

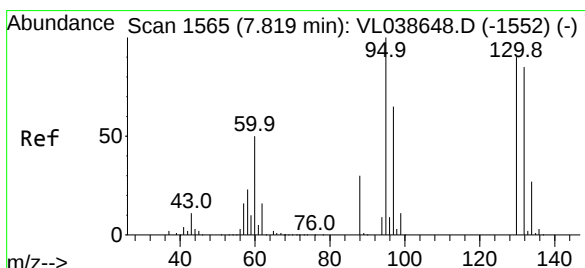
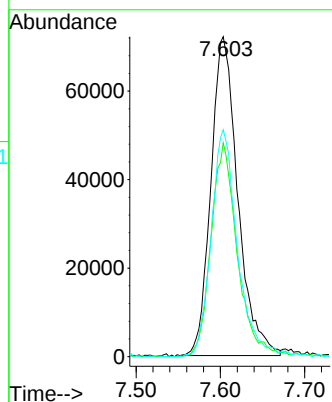
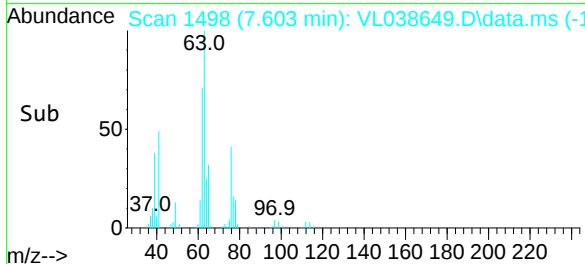
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 63 Resp: 159810
Ion Ratio Lower Upper
63 100
41 66.7 49.0 73.6
62 70.8 53.9 80.9

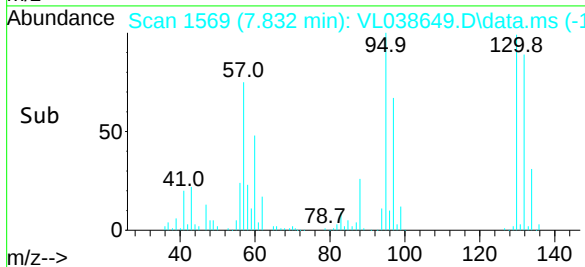
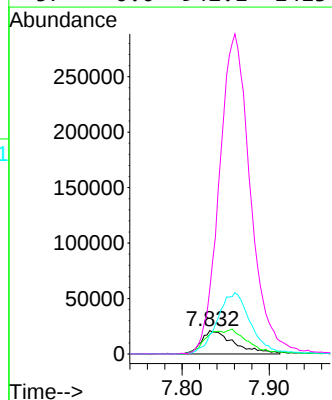
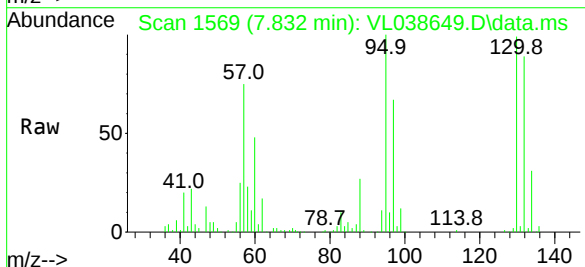
Manual Integrations
APPROVED

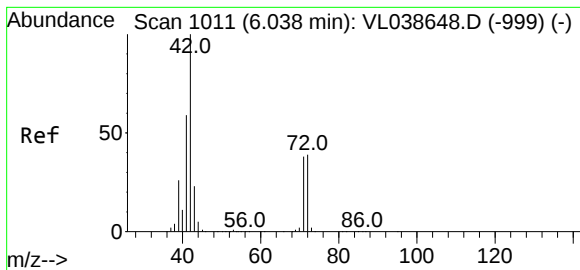
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#40
1,4-Dioxane
Concen: 2.464 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.013 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

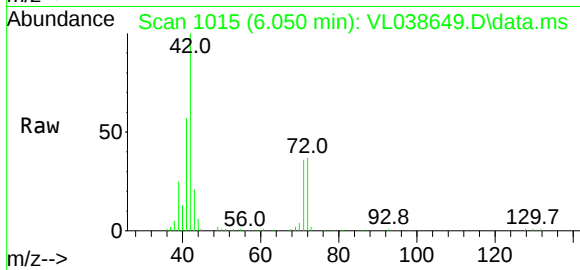
Tgt Ion: 88 Resp: 55330
Ion Ratio Lower Upper
88 100
58 0.0 105.6 158.4#
43 0.0 201.9 302.9#
57 0.0 942.1 1413.1#





#41
Tetrahydrofuran
Concen: 2.849 ppbv
RT: 6.050 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

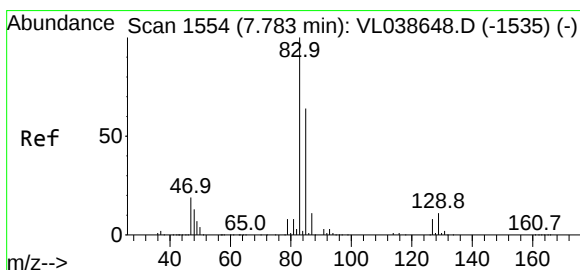
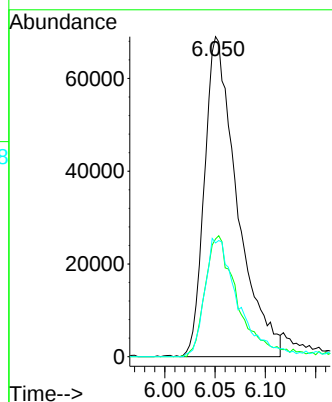
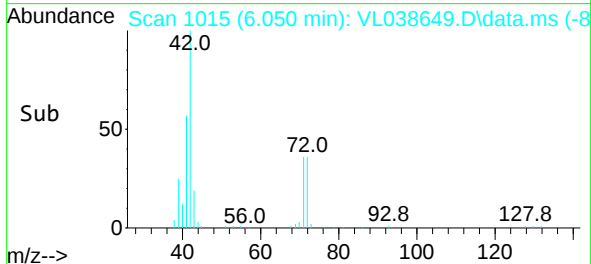
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 156218
Ion Ratio Lower Upper
42 100
72 38.9 32.5 48.7
71 38.1 31.4 47.2

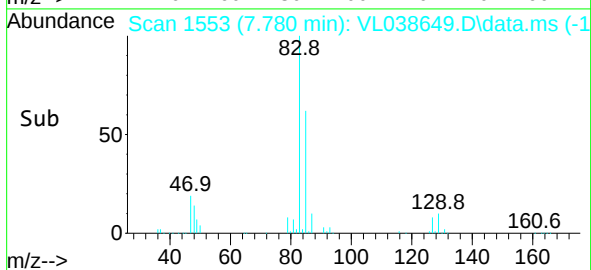
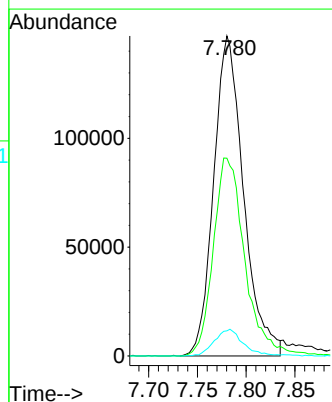
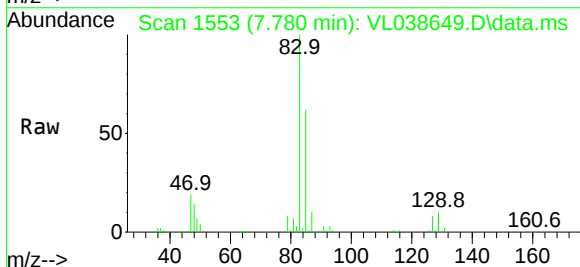
Manual Integrations
APPROVED

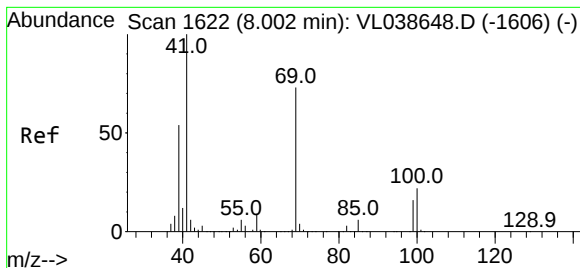
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#42
Bromodichloromethane
Concen: 1.774 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 83 Resp: 313663
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 7.9 6.5 9.7





#43

Methyl Methacrylate

Concen: 1.926 ppbv

RT: 8.005 min Scan# 1623

Delta R.T. 0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 69 Resp: 15423

Ion Ratio Lower Upper

69 100

41 137.8 110.3 165.5

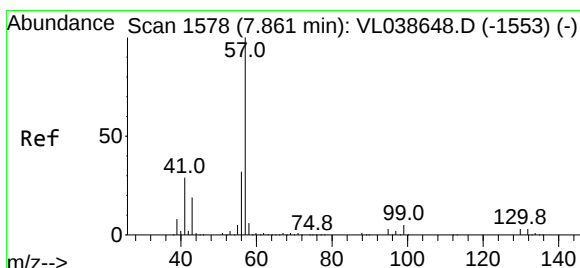
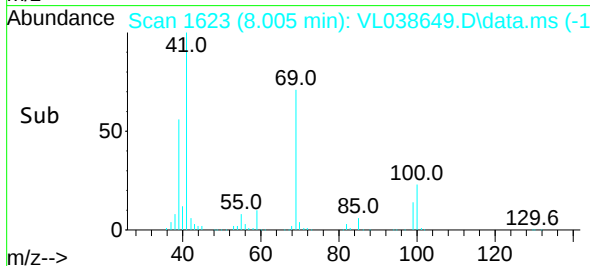
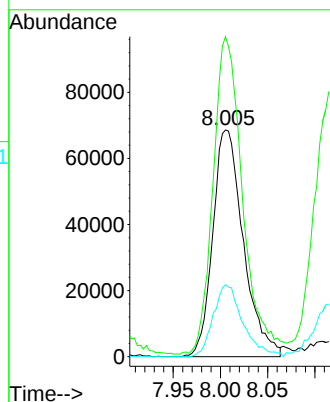
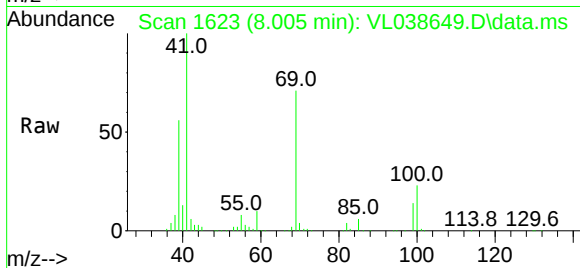
100 30.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#44

2,2,4-Trimethylpentane

Concen: 1.809 ppbv

RT: 7.861 min Scan# 1578

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

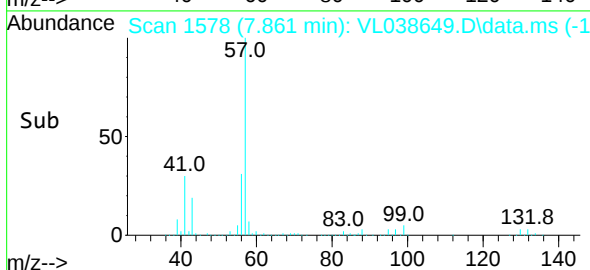
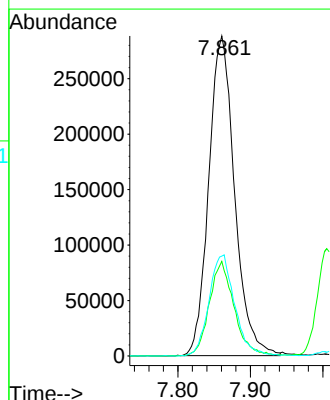
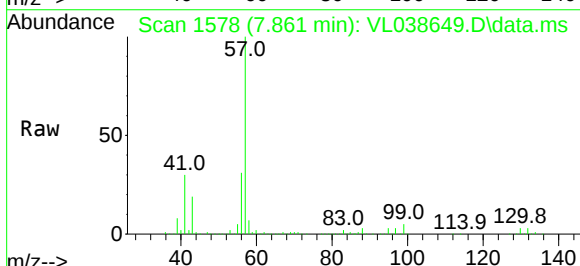
Tgt Ion: 57 Resp: 713550

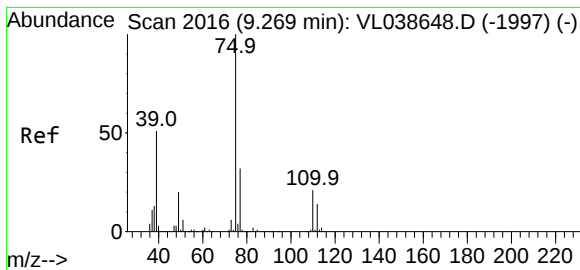
Ion Ratio Lower Upper

57 100

41 28.6 23.0 34.4

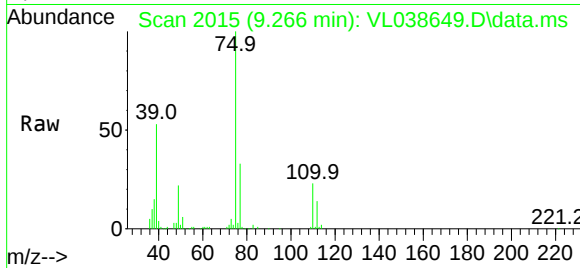
56 31.6 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 2.509 ppbv m
RT: 9.266 min Scan# 2016
Delta R.T. -0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

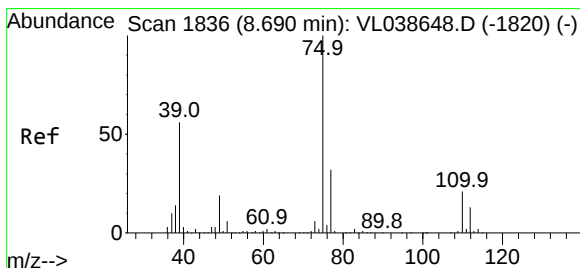
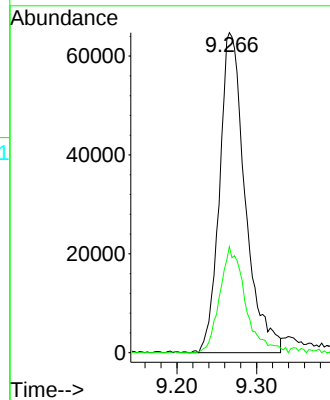
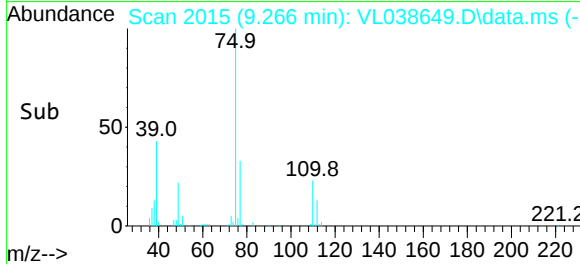
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 75 Resp: 144810
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3

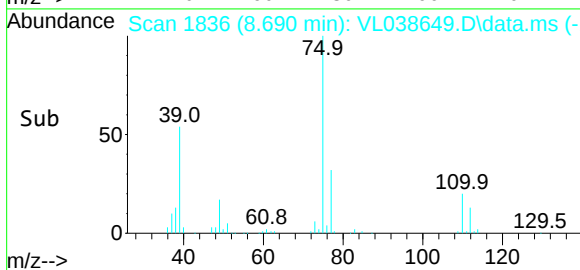
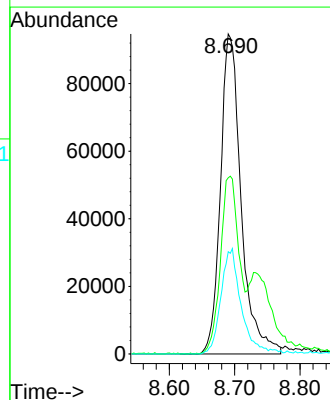
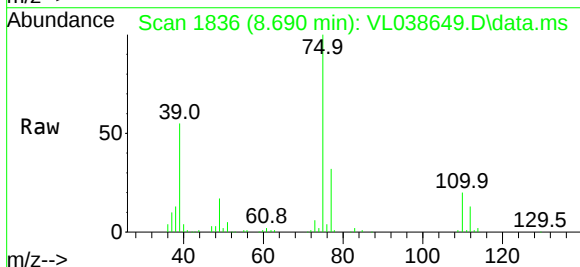
Manual Integrations
APPROVED

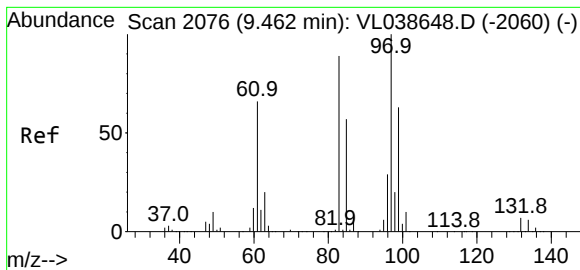
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#46
cis-1,3-Dichloropropene
Concen: 2.632 ppbv m
RT: 8.690 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 75 Resp: 207721
Ion Ratio Lower Upper
75 100
39 55.0 44.8 67.2
77 31.9 25.4 38.0





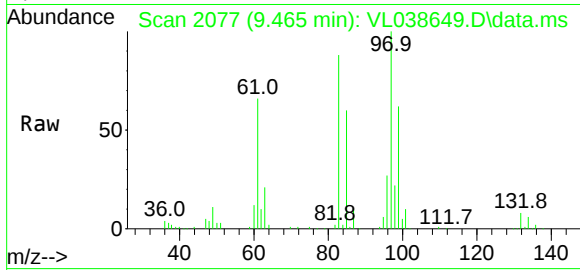
#47
1,1,2-Trichloroethane
Concen: 1.834 ppbv
RT: 9.465 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

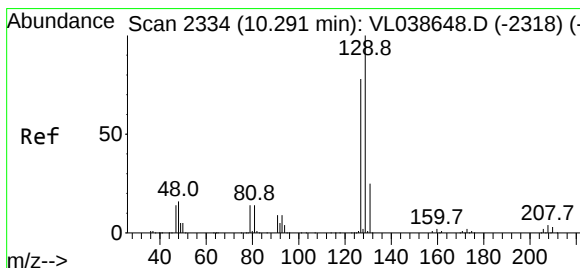
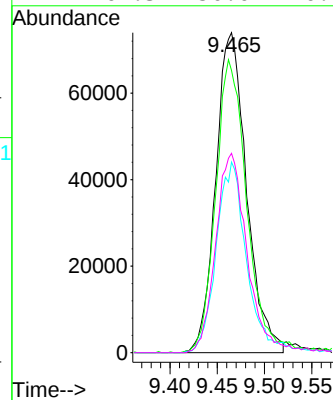
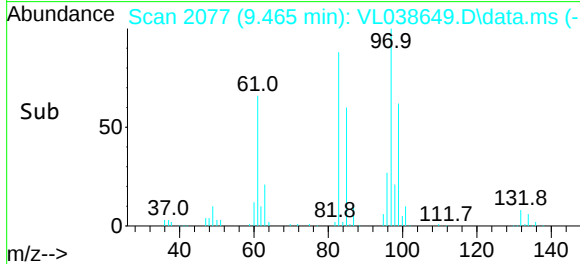


Tgt Ion: 97 Resp: 16775
Ion Ratio Lower Upper
97 100
83 88.0 71.2 106.8
85 59.6 45.3 67.9
99 62.3 50.6 76.0

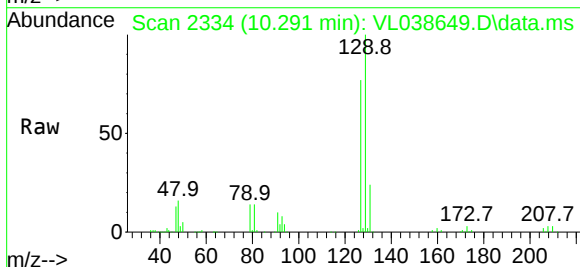
Manual Integrations

APPROVED

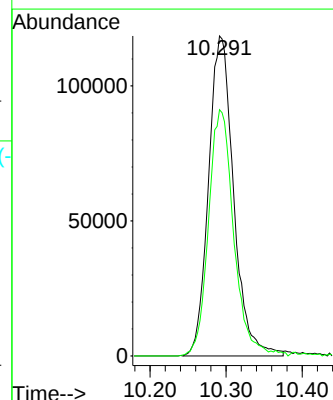
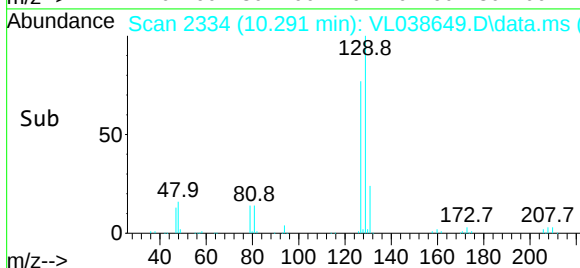
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

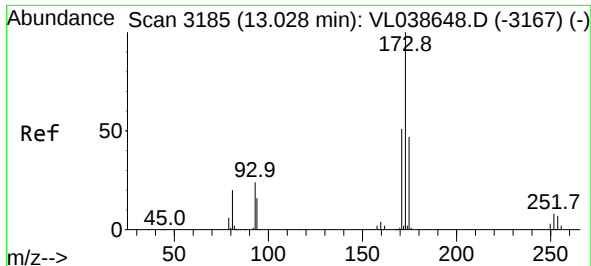


#48
Dibromochloromethane
Concen: 1.869 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



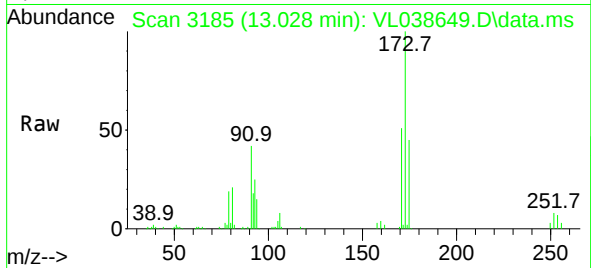
Tgt Ion:129 Resp: 271440
Ion Ratio Lower Upper
129 100
127 78.1 39.5 118.5





#49
Bromoform
Concen: 1.958 ppbv
RT: 13.028 min Scan# 3185
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

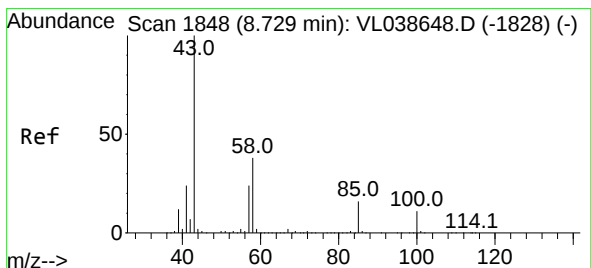
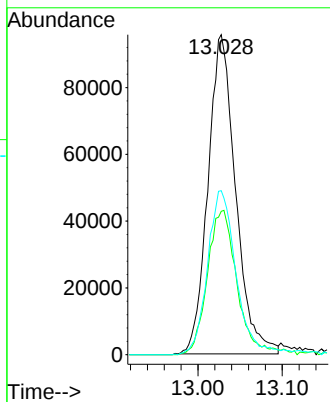
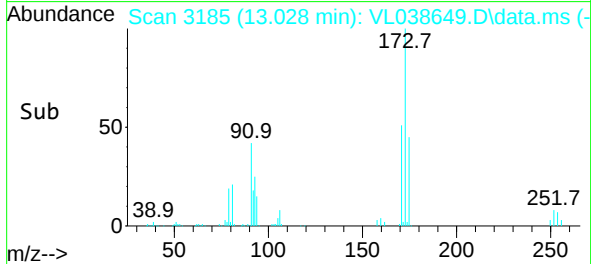
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:173 Resp: 217768
Ion Ratio Lower Upper
173 100
175 49.2 41.0 61.6
171 54.4 43.1 64.7

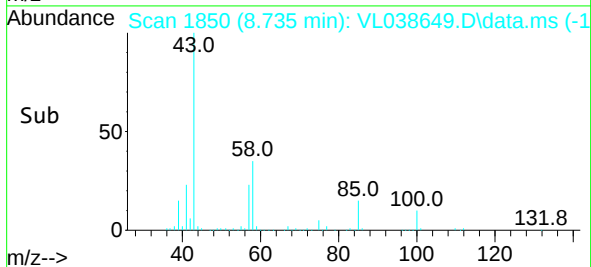
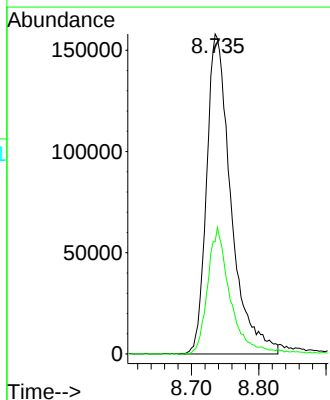
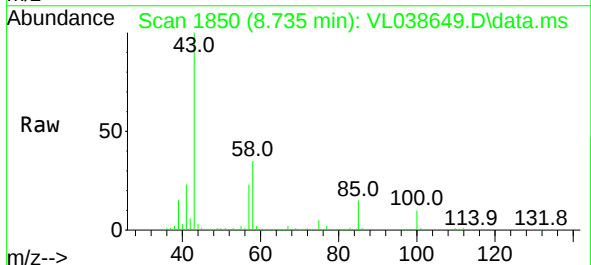
Manual Integrations
APPROVED

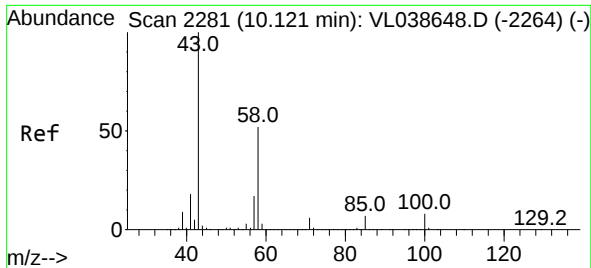
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#50
4-Methyl-2-Pentanone
Concen: 2.897 ppbv m
RT: 8.735 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

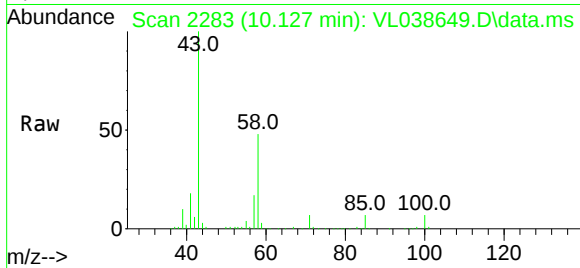
Tgt Ion: 43 Resp: 398077
Ion Ratio Lower Upper
43 100
58 37.3 29.9 44.9





#51
2-Hexanone
Concen: 4.727 ppbv
RT: 10.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

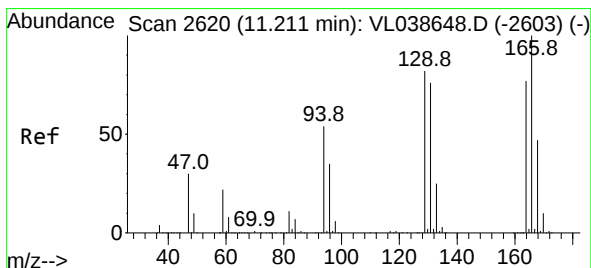
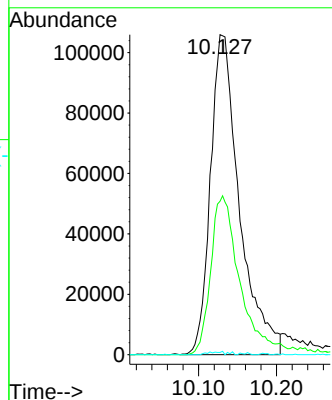
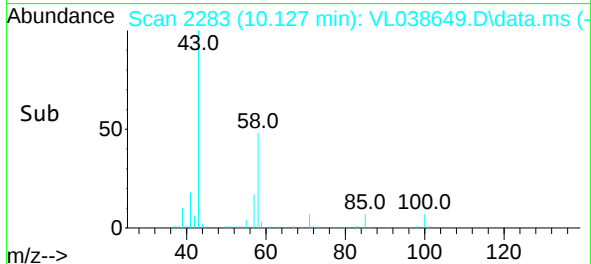
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 274449
Ion Ratio Lower Upper
43 100
58 52.1 41.2 61.8
98 0.7 0.2 0.4

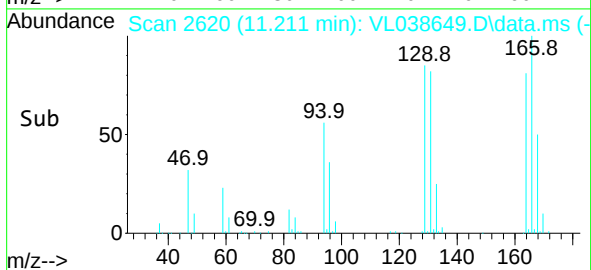
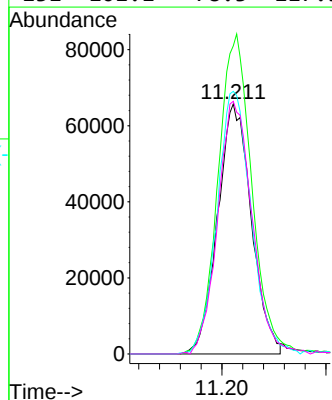
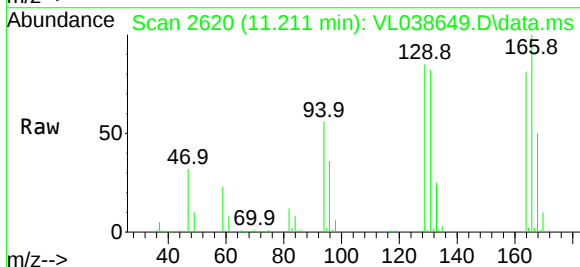
Manual Integrations
APPROVED

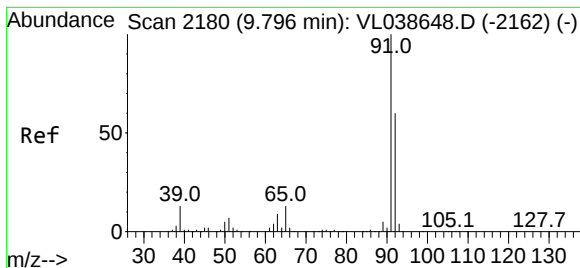
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#52
Tetrachloroethene
Concen: 1.728 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion:164 Resp: 147826
Ion Ratio Lower Upper
164 100
166 123.3 103.3 154.9
129 104.7 85.2 127.8
131 101.1 78.3 117.5





#53

Toluene

Concen: 1.835 ppbv

RT: 9.796 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 45695

Ion Ratio Lower Upper

91 100

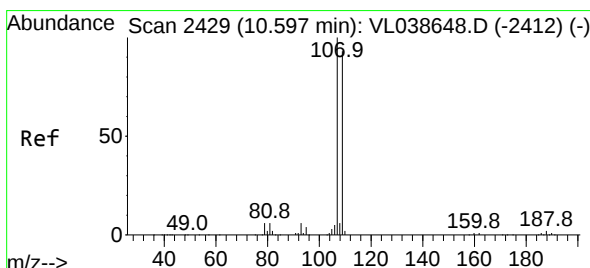
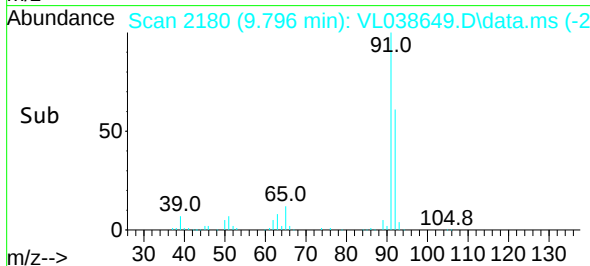
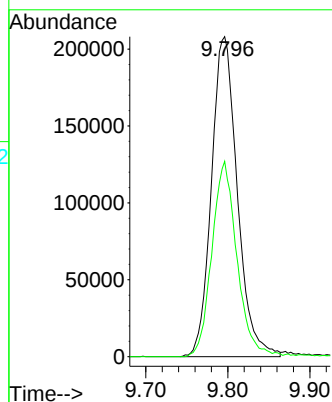
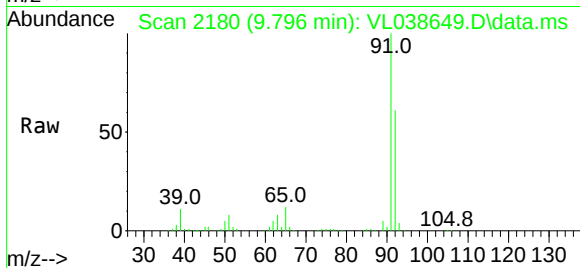
92 59.7 48.7 73.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#54

1,2-Dibromoethane

Concen: 1.764 ppbv

RT: 10.597 min Scan# 2429

Delta R.T. 0.000 min

Lab File: VL038649.D

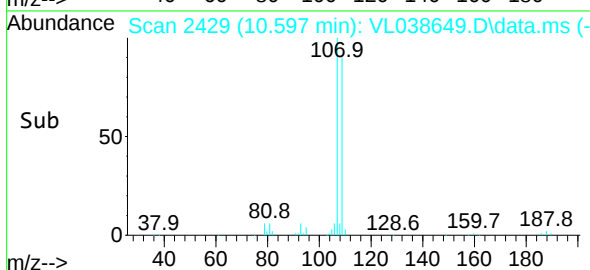
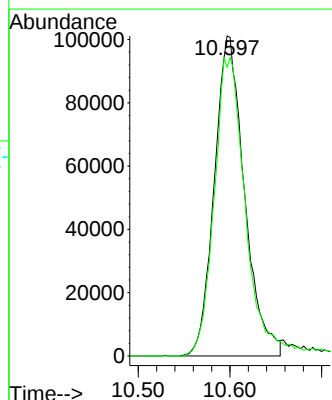
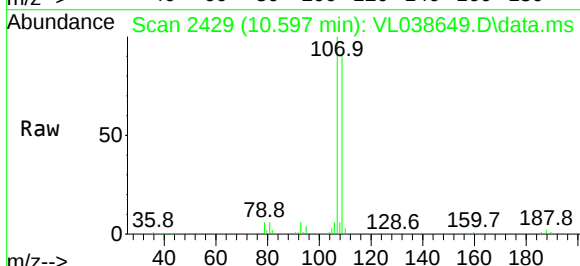
Acq: 21 Mar 2022 13:17

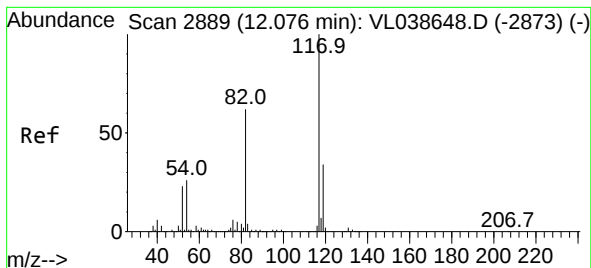
Tgt Ion:107 Resp: 230526

Ion Ratio Lower Upper

107 100

109 90.3 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.076 min Scan# 2889

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:117 Resp: 242452

Ion Ratio Lower Upper

117 100

82 60.8 51.6 77.4

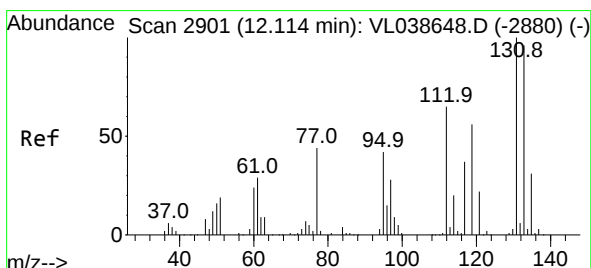
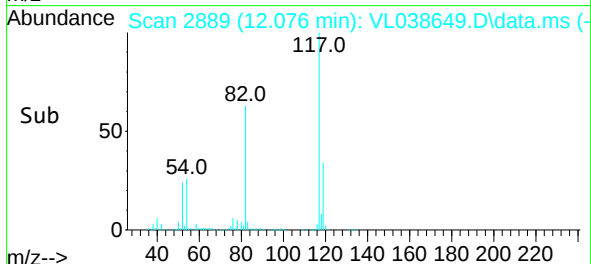
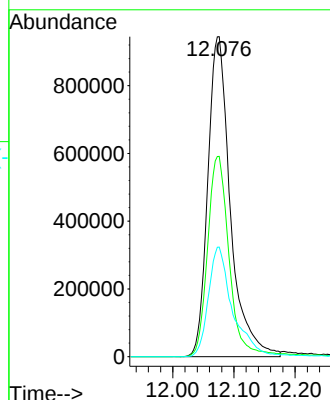
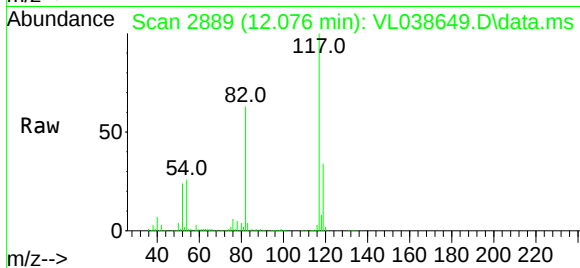
119 37.3 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 2.051 ppbv

RT: 12.114 min Scan# 2901

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

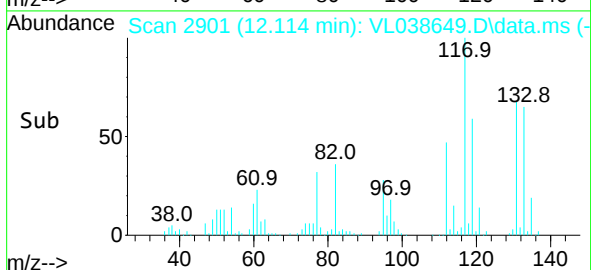
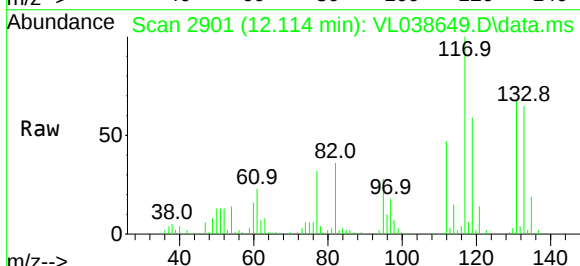
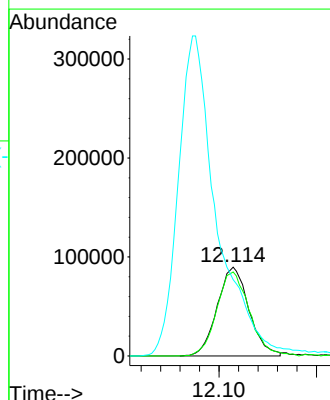
Tgt Ion:131 Resp: 202527

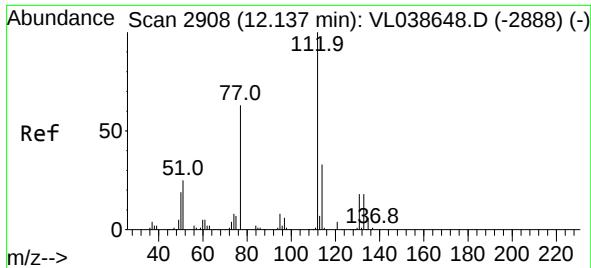
Ion Ratio Lower Upper

131 100

133 98.5 77.3 115.9

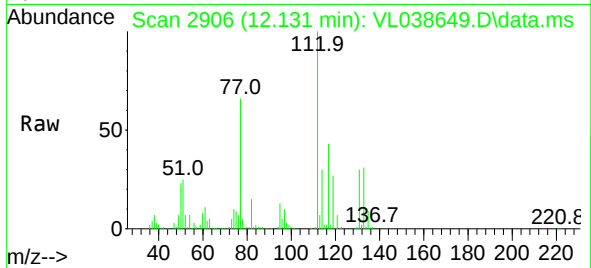
119 446.5 53.0 79.6#





#57
Chlorobenzene
Concen: 1.898 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. -0.006 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

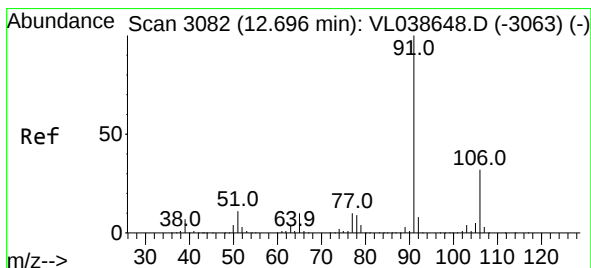
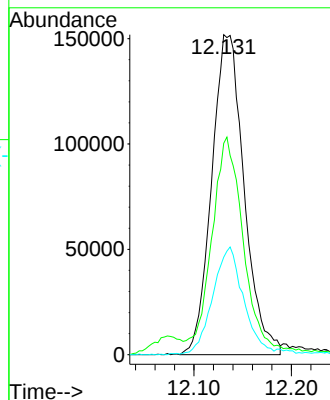
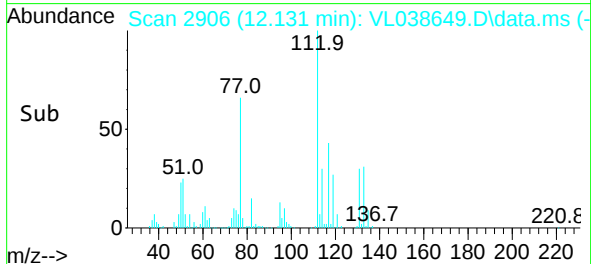
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



Tgt Ion: 112 Resp: 35132
Ion Ratio Lower Upper
112 100
77 63.5 51.0 76.6
114 30.2 29.8 36.4

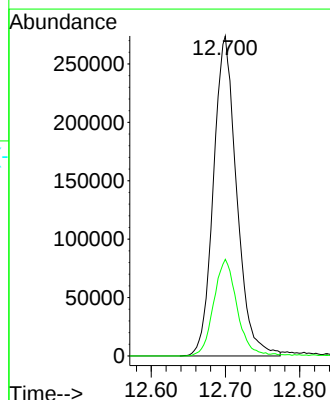
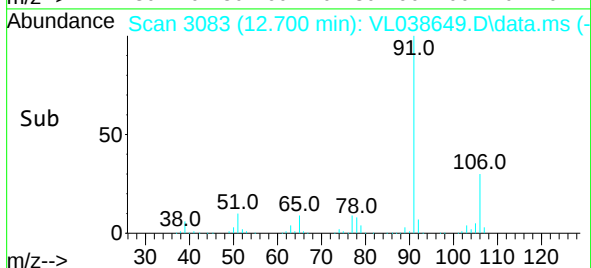
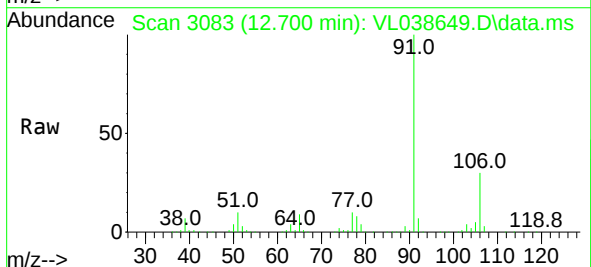
Manual Integrations
APPROVED

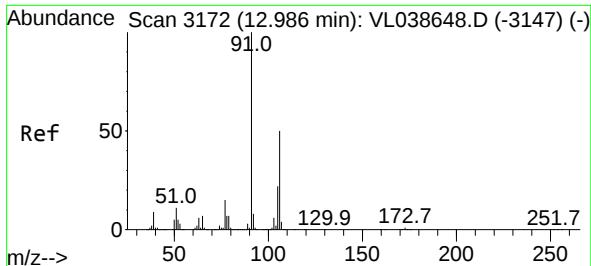
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#58
Ethyl Benzene
Concen: 1.898 ppbv
RT: 12.700 min Scan# 3083
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

Tgt Ion: 91 Resp: 595729
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0





#59

m/p-Xylene

Concen: 3.878 ppbv m

RT: 12.983 min Scan# 3171

Delta R.T. -0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 91 Resp: 1042264

Ion Ratio Lower Upper

91 100

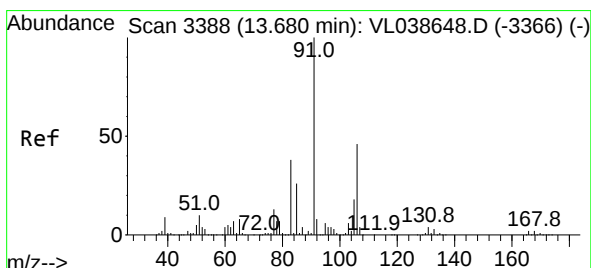
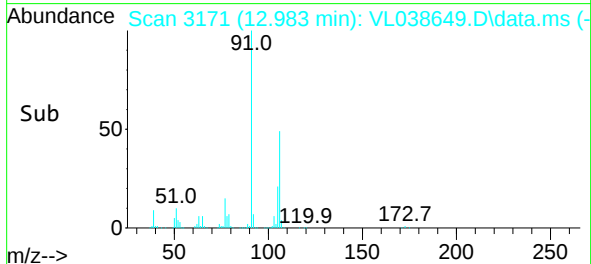
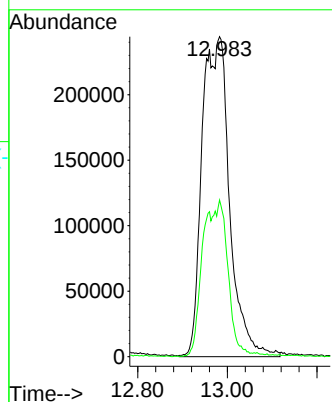
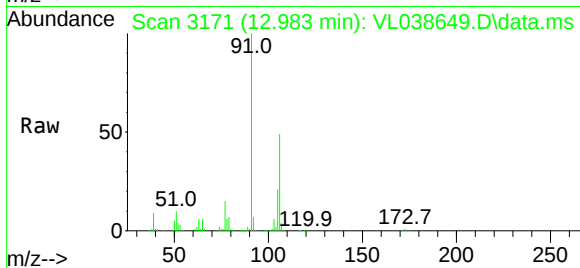
106 45.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#60

o-Xylene

Concen: 1.937 ppbv

RT: 13.680 min Scan# 3388

Delta R.T. 0.000 min

Lab File: VL038649.D

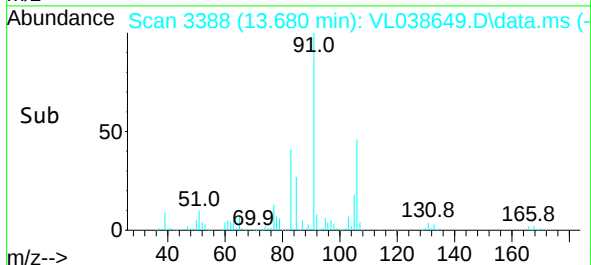
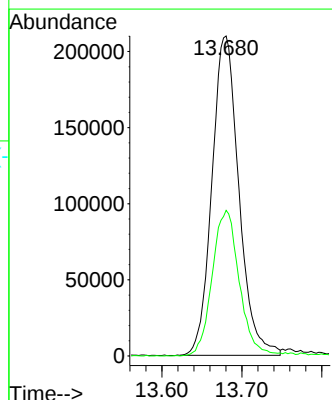
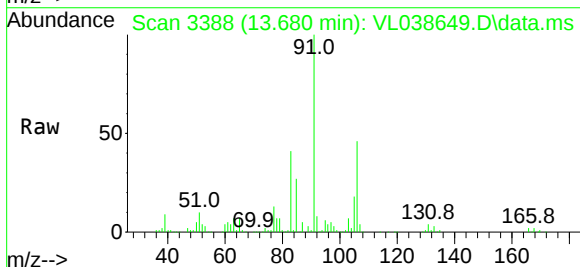
Acq: 21 Mar 2022 13:17

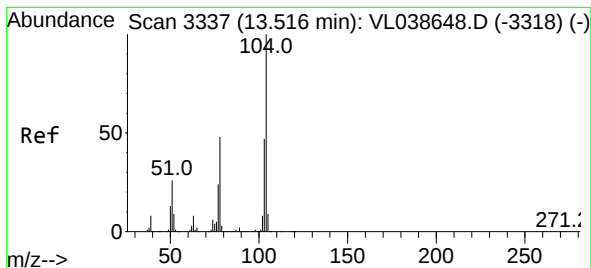
Tgt Ion: 91 Resp: 491537

Ion Ratio Lower Upper

91 100

106 46.2 23.5 70.5





#61

Styrene

Concen: 2.098 ppbv

RT: 13.516 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

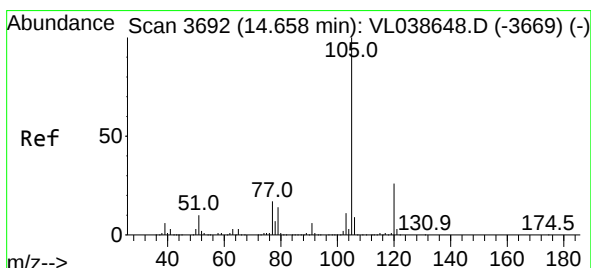
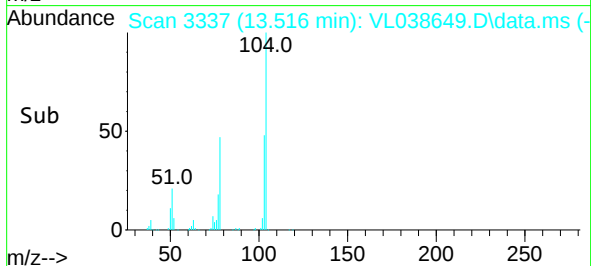
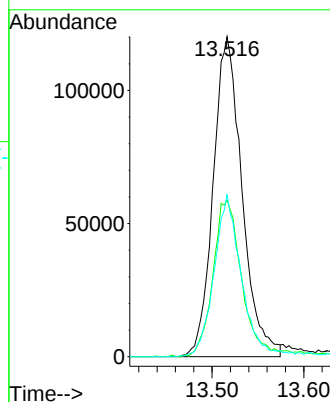
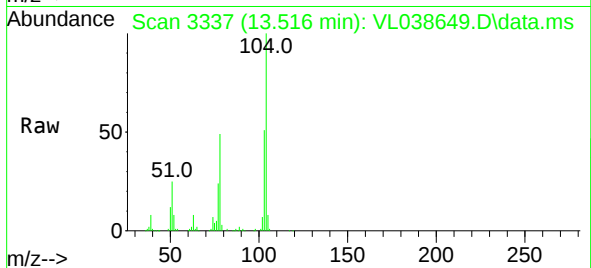
VSTDIC002

Tgt Ion:104	Resp: 26235
Ion Ratio	Lower Upper
104 100	
78 50.5	39.0 58.4
103 48.6	37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#62

Isopropylbenzene

Concen: 2.093 ppbv

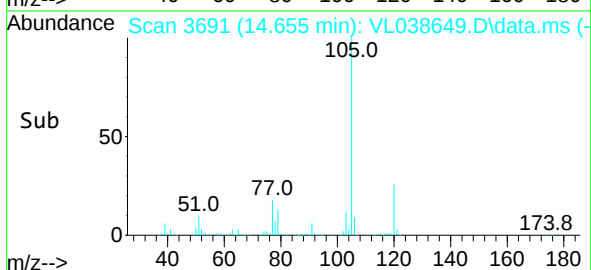
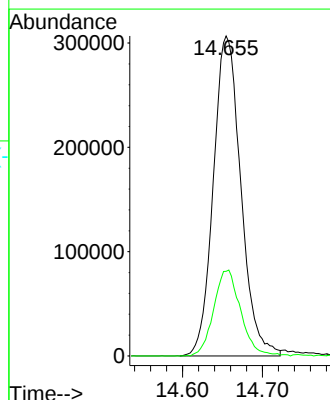
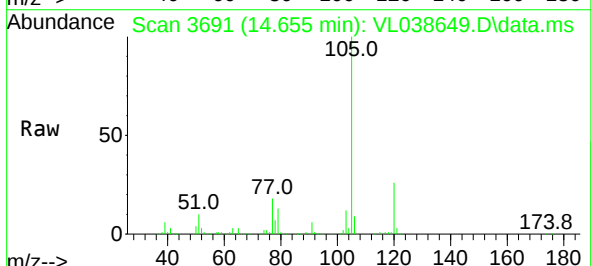
RT: 14.655 min Scan# 3691

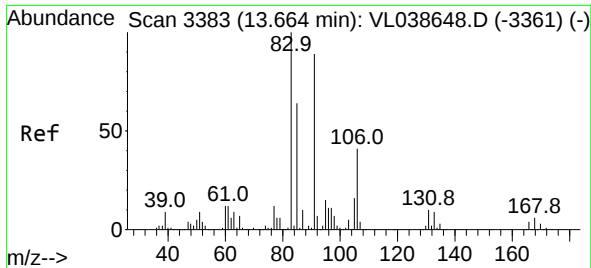
Delta R.T. -0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

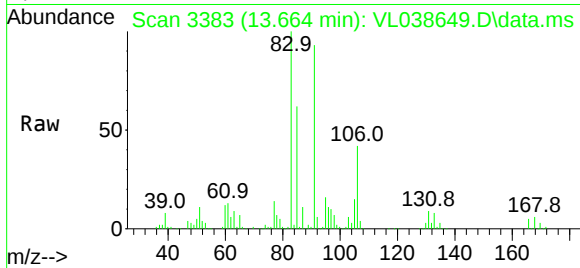
Tgt Ion:105	Resp: 733022
Ion Ratio	Lower Upper
105 100	
120 26.7	21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 1.620 ppbv
RT: 13.664 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

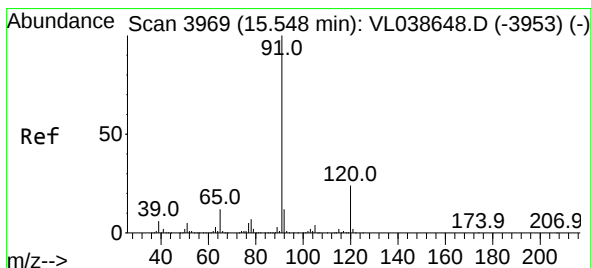
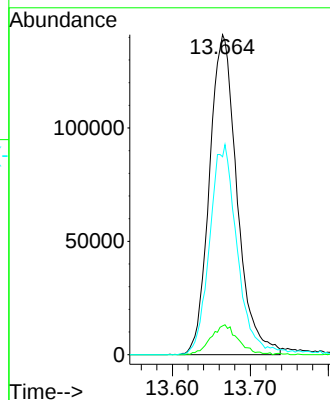
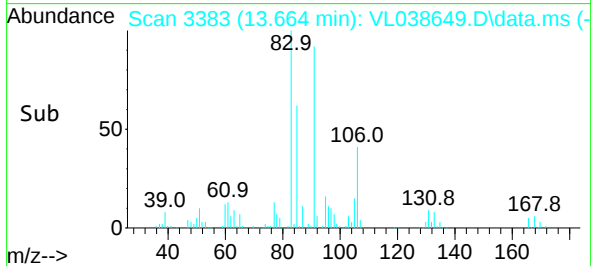
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



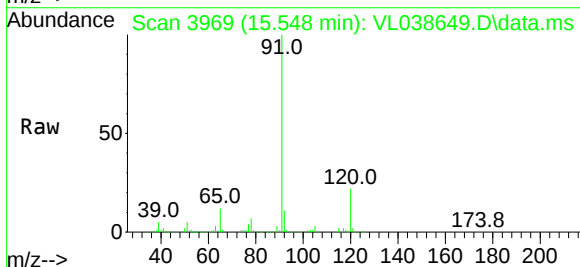
Tgt Ion: 83 Resp: 34733
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 67.0 32.6 97.8

Manual Integrations
APPROVED

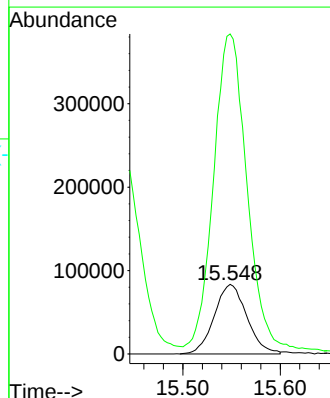
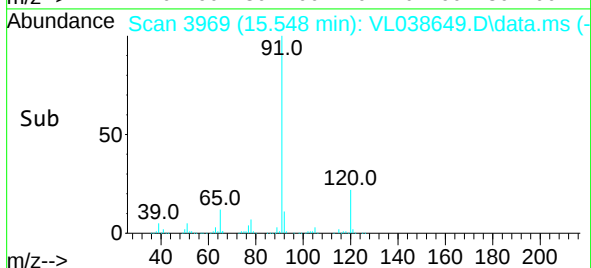
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

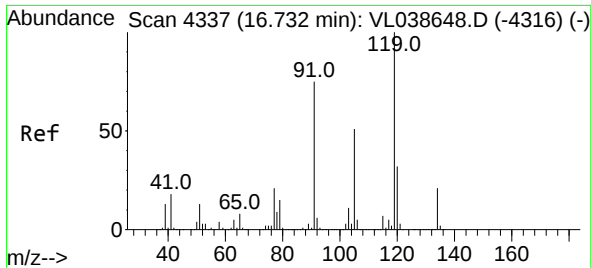


#64
n-propylbenzene
Concen: 2.172 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



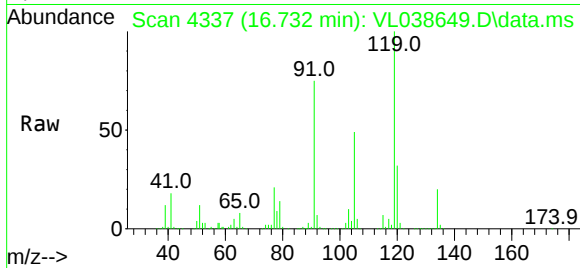
Tgt Ion:120 Resp: 193839
Ion Ratio Lower Upper
120 100
91 480.8 368.0 552.0





#65
tert-Butylbenzene
Concen: 2.169 ppbv
RT: 16.732 min Scan# 4337
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

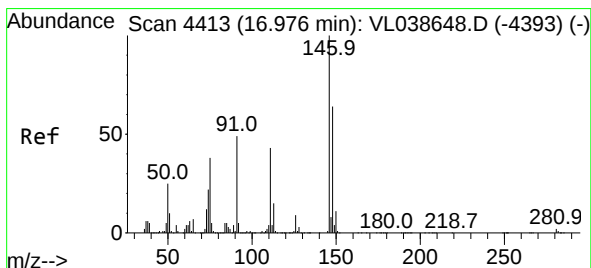
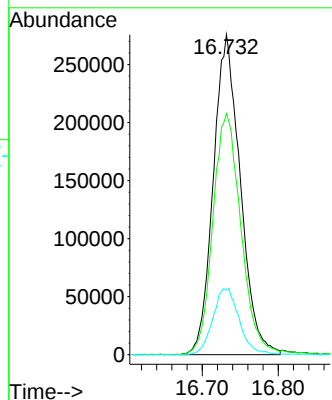
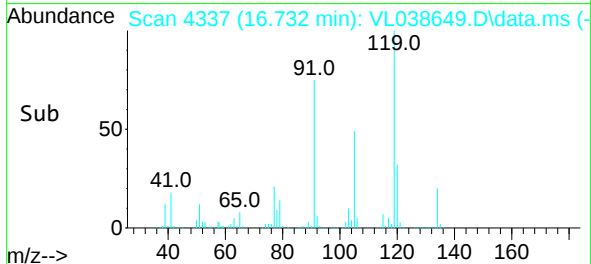
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



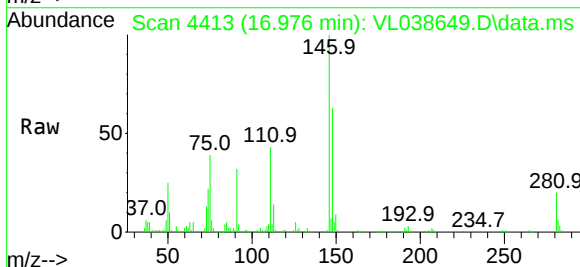
Tgt Ion: 119 Resp: 67929
Ion Ratio Lower Upper
119 100
91 79.2 61.2 91.8
134 20.5 16.3 24.5

Manual Integrations
APPROVED

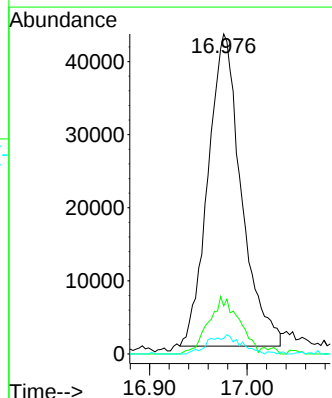
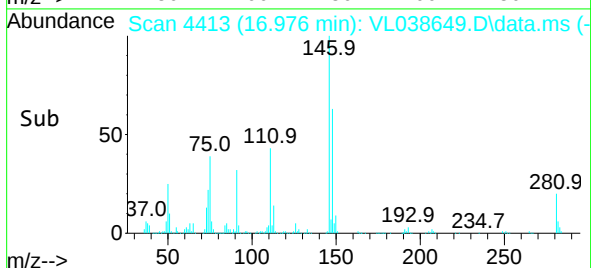
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

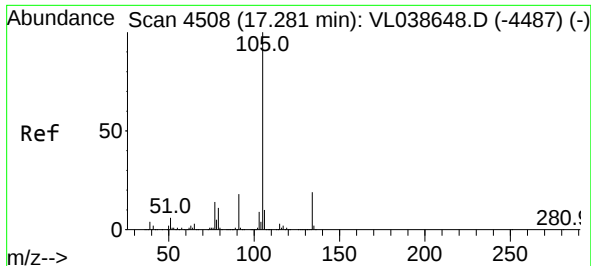


#66
Benzyl Chloride
Concen: 5.459 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



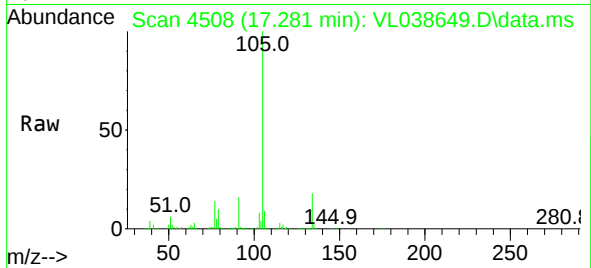
Tgt Ion: 91 Resp: 101278
Ion Ratio Lower Upper
91 100
126 18.0 14.3 21.5
128 6.1 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 2.182 ppbv
 RT: 17.281 min Scan# 4508
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17

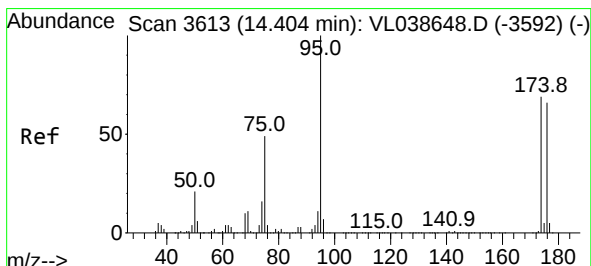
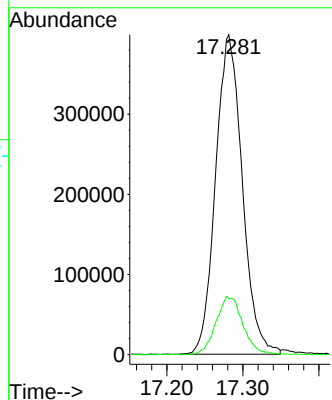
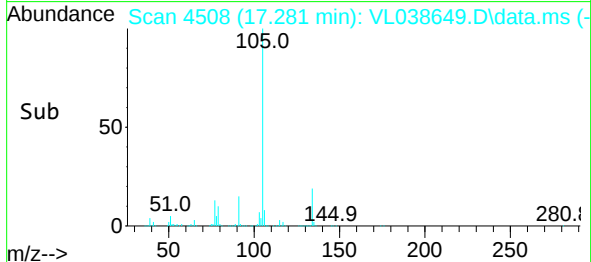
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



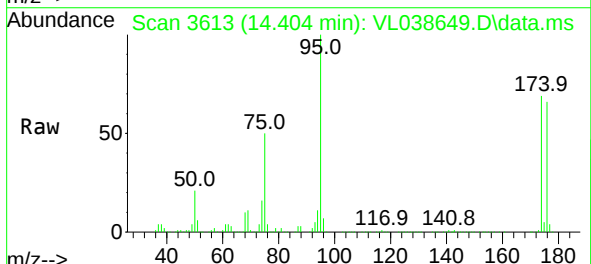
Tgt Ion: 105 Resp: 970940
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7

Manual Integrations
 APPROVED

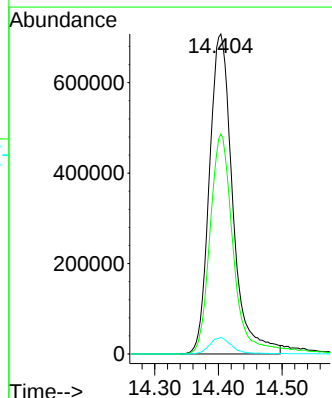
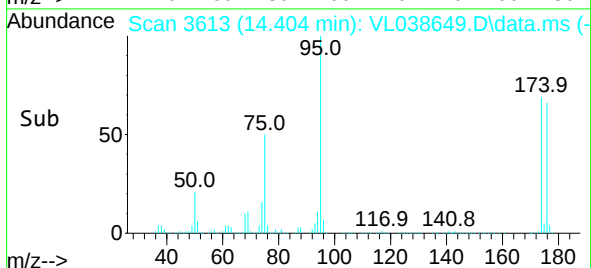
Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022

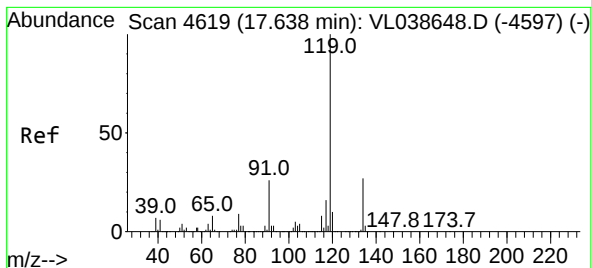


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.742 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. 0.000 min
 Lab File: VL038649.D
 Acq: 21 Mar 2022 13:17



Tgt Ion: 95 Resp: 1795760
 Ion Ratio Lower Upper
 95 100
 174 70.3 56.1 84.1
 175 5.0 4.2 6.2





#69

p-Isopropyltoluene

Concen: 2.174 ppbv

RT: 17.642 min Scan# 4620

Delta R.T. 0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

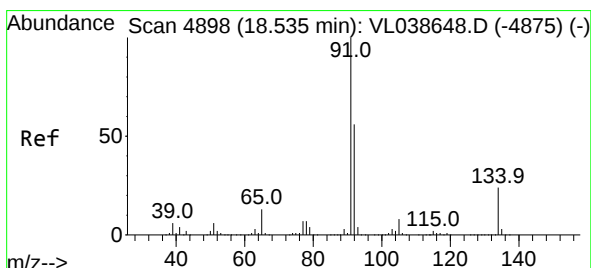
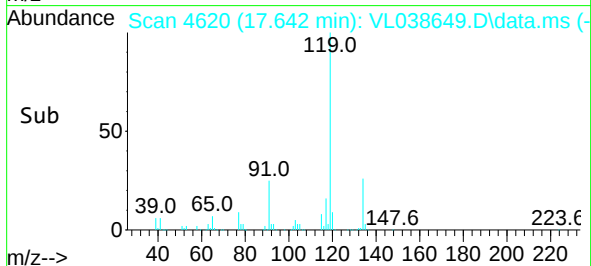
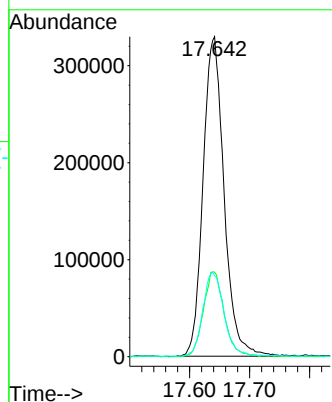
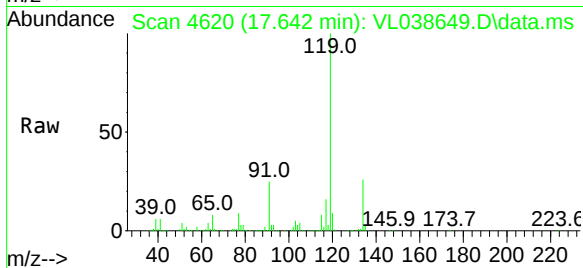
VSTDIC002

Tgt Ion:	119	Resp:	801379
Ion	Ratio	Lower	Upper
119	100		
134	26.6	21.2	31.8
91	26.7	21.4	32.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#70

n-Butylbenzene

Concen: 2.123 ppbv

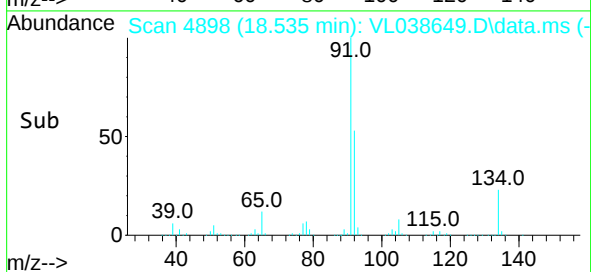
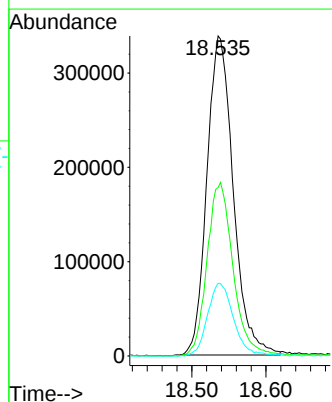
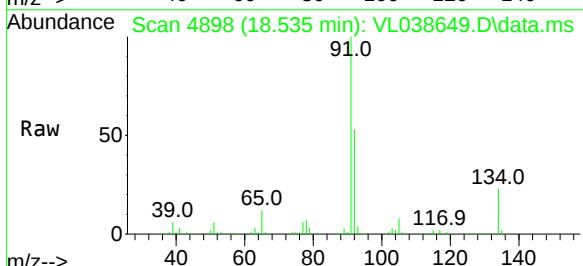
RT: 18.535 min Scan# 4898

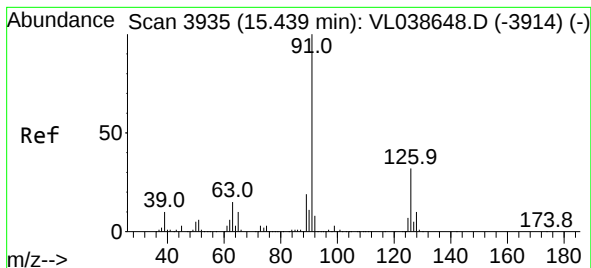
Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Tgt Ion:	91	Resp:	833584
Ion	Ratio	Lower	Upper
91	100		
92	54.5	43.9	65.9
134	22.6	18.7	28.1





#71

2-Chlorotoluene

Concen: 2.126 ppbv

RT: 15.442 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 91 Resp: 55266

Ion Ratio Lower Upper

91 100

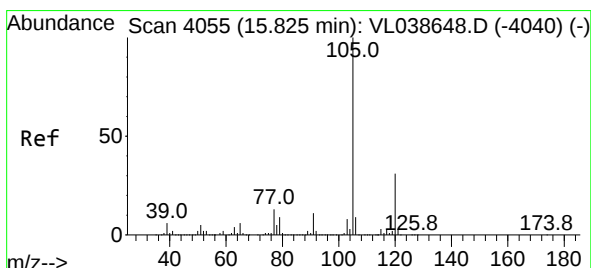
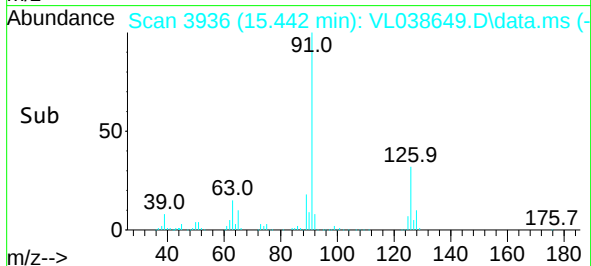
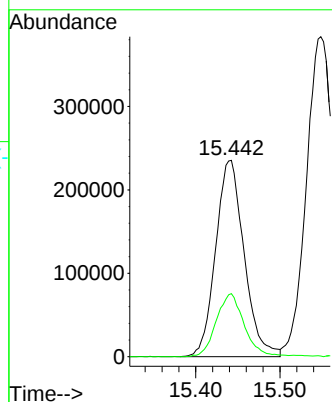
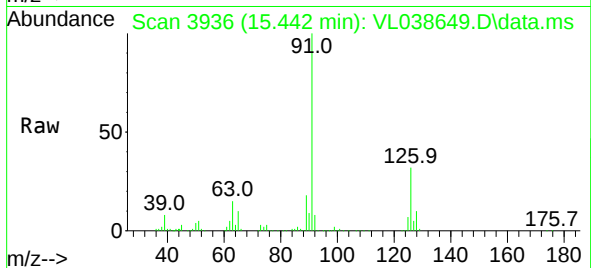
126 32.2 13.1 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#72

4-Ethyltoluene

Concen: 1.964 ppbv

RT: 15.828 min Scan# 4056

Delta R.T. 0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Tgt Ion:105 Resp: 572519

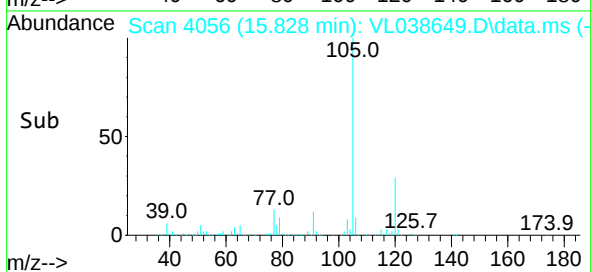
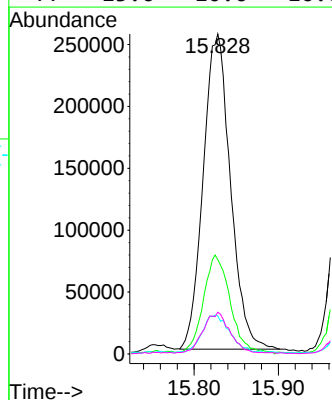
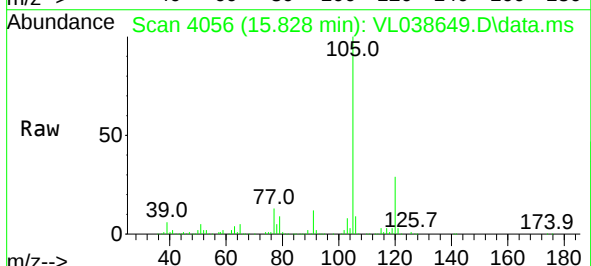
Ion Ratio Lower Upper

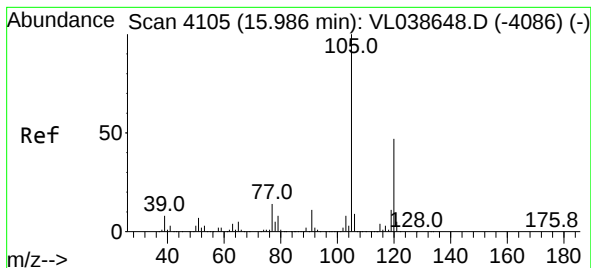
105 100

120 31.6 24.9 37.3

91 13.0 9.8 14.6

77 13.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 1.994 ppbv m

RT: 15.982 min Scan# 4105

Delta R.T. -0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 539708

Ion Ratio Lower Upper

105 100

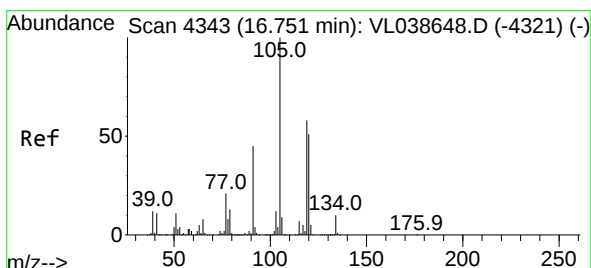
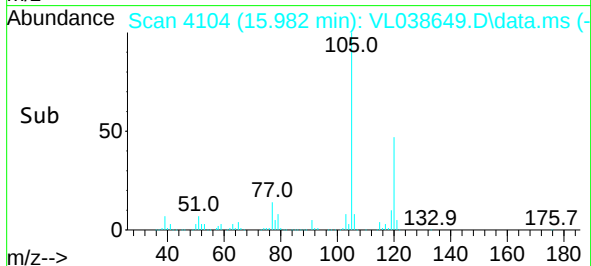
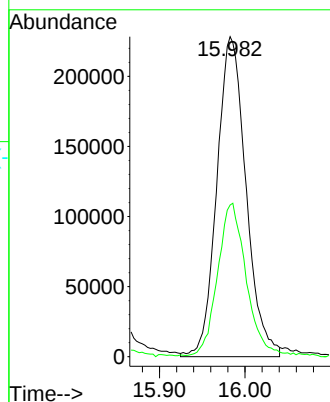
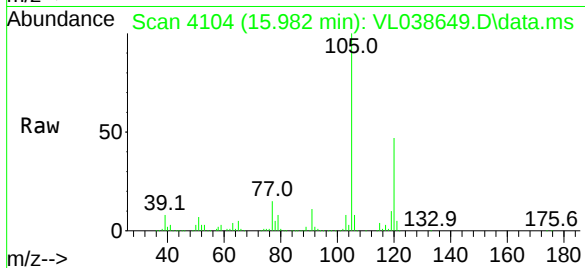
120 47.4 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#74

1,2,4-Trimethylbenzene

Concen: 2.029 ppbv

RT: 16.748 min Scan# 4342

Delta R.T. -0.003 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Tgt Ion:105 Resp: 586518

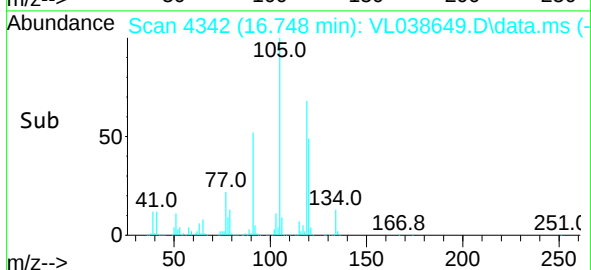
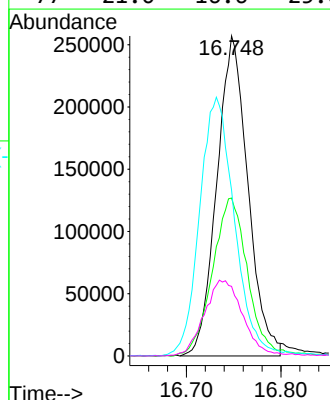
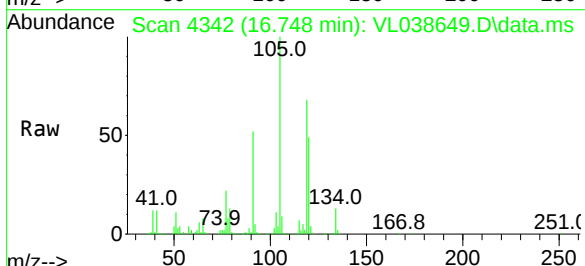
Ion Ratio Lower Upper

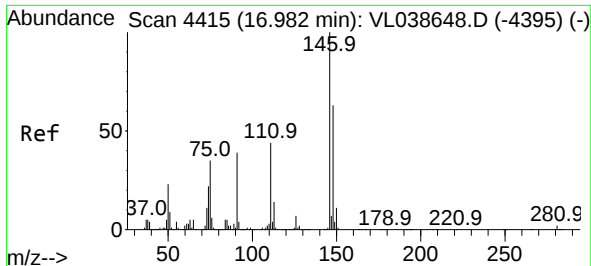
105 100

120 48.4 40.5 60.7

91 50.6 35.9 53.9

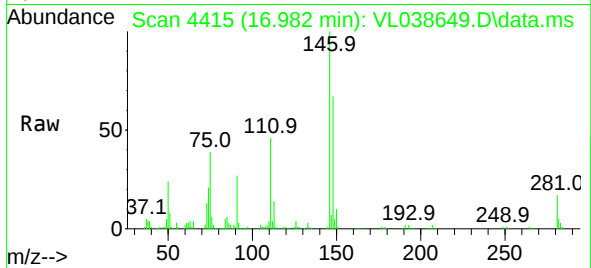
77 21.0 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 1.985 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

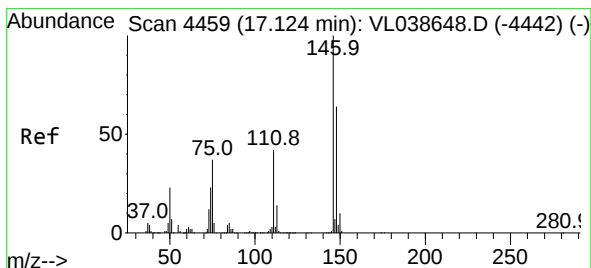
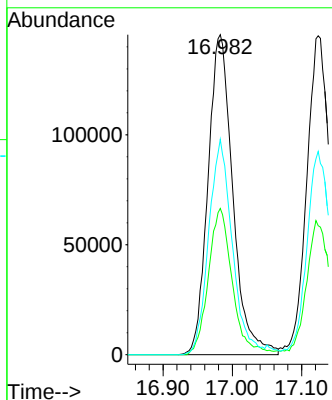
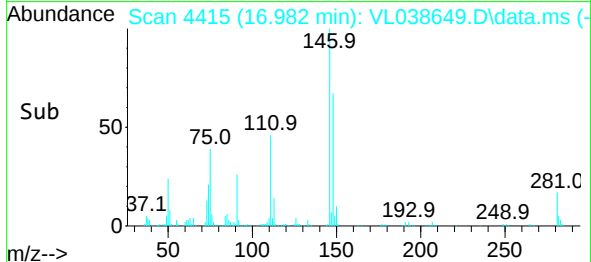
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



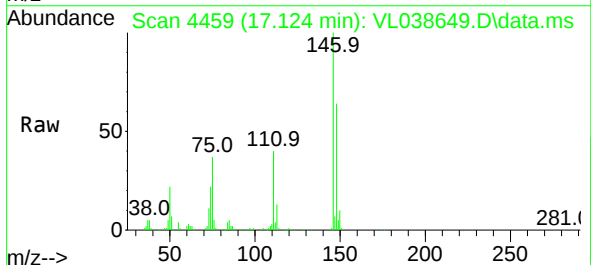
Tgt Ion:146 Resp: 362009
Ion Ratio Lower Upper
146 100
111 44.0 22.2 66.6
148 64.9 32.5 97.5

Manual Integrations
APPROVED

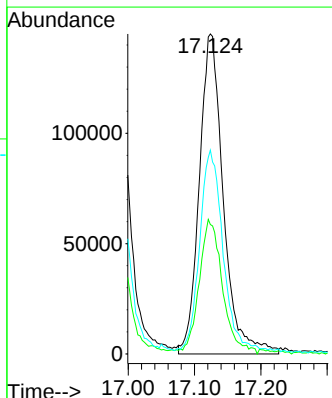
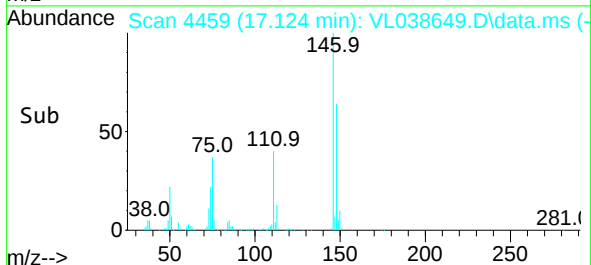
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

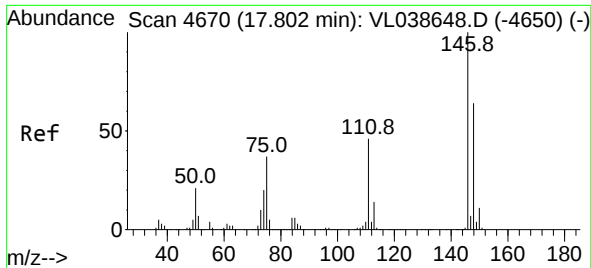


#76
1,4-Dichlorobenzene
Concen: 2.021 ppbv m
RT: 17.124 min Scan# 4459
Delta R.T. 0.000 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



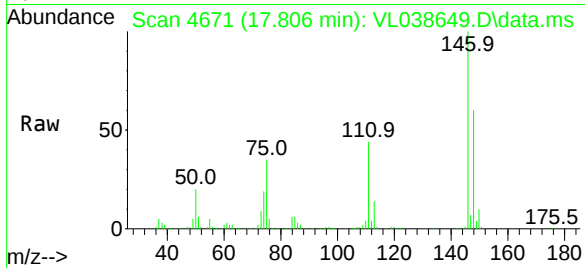
Tgt Ion:146 Resp: 365091
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 62.9 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 1.912 ppbv
RT: 17.806 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17

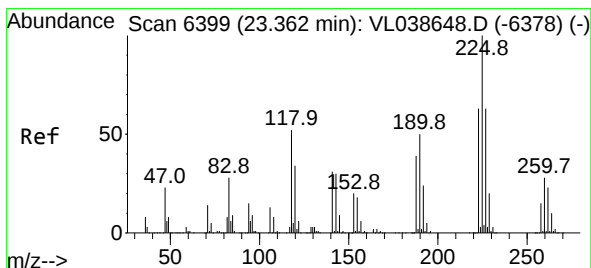
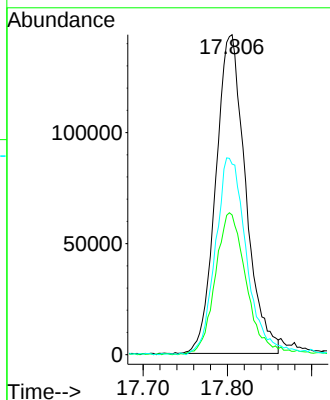
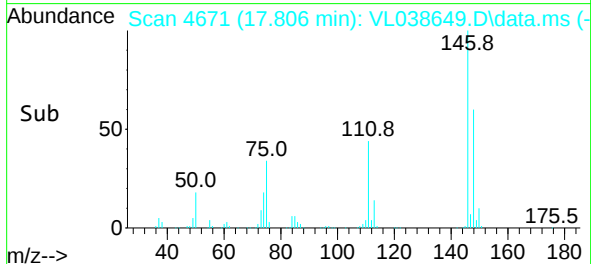
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



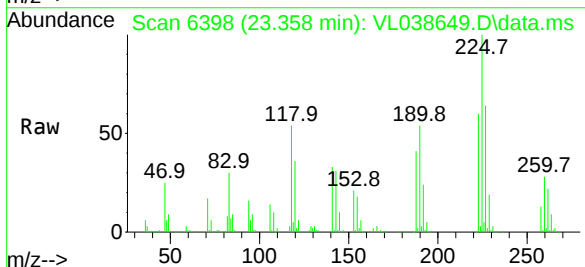
Tgt Ion:146 Resp: 35284
Ion Ratio Lower Upper
146 100
111 46.3 22.8 68.4
148 65.6 32.5 97.4

Manual Integrations
APPROVED

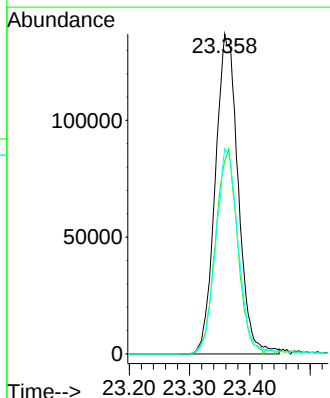
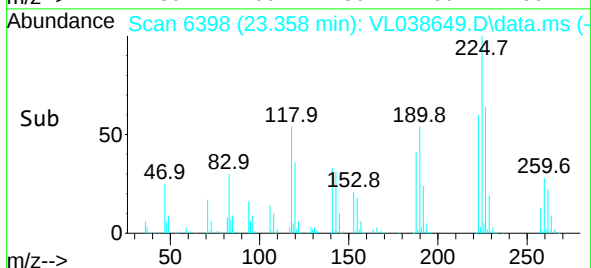
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

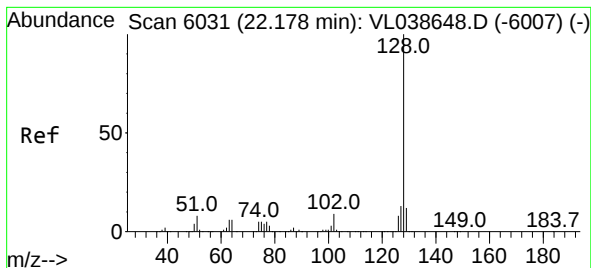


#78
Hexachloro-1,3-Butadiene
Concen: 1.998 ppbv m
RT: 23.358 min Scan# 6398
Delta R.T. -0.003 min
Lab File: VL038649.D
Acq: 21 Mar 2022 13:17



Tgt Ion:225 Resp: 359670
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 64.4 51.5 77.3





#79

Naphthalene

Concen: 1.946 ppbv

RT: 22.178 min Scan# 6031

Delta R.T. 0.000 min

Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

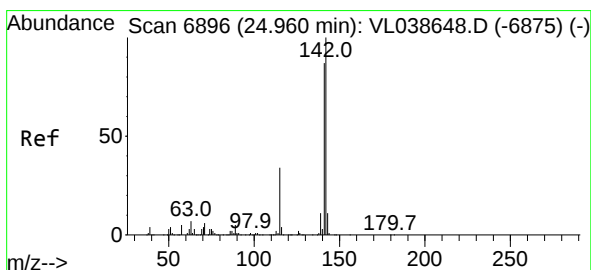
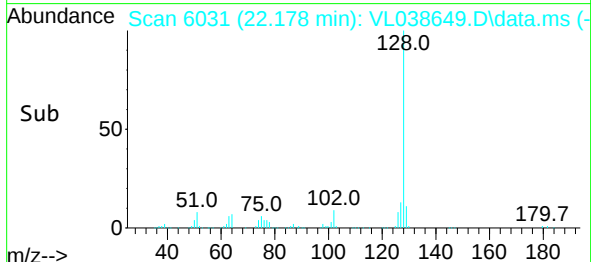
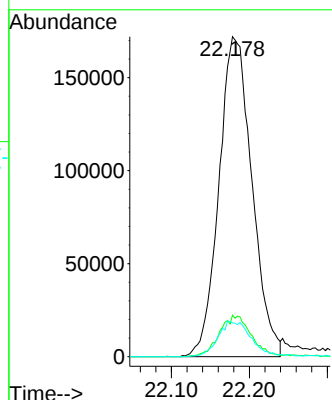
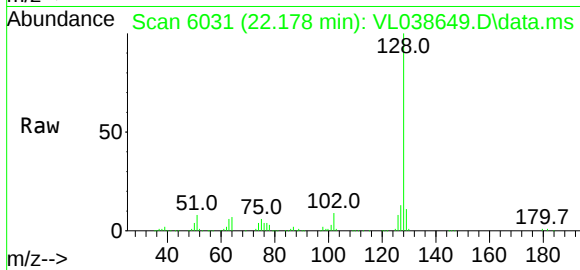
Tgt Ion:128 Resp: 505964

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.6	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#80

Naphthalene,2-methyl-

Concen: 2.956 ppbv

RT: 24.966 min Scan# 6898

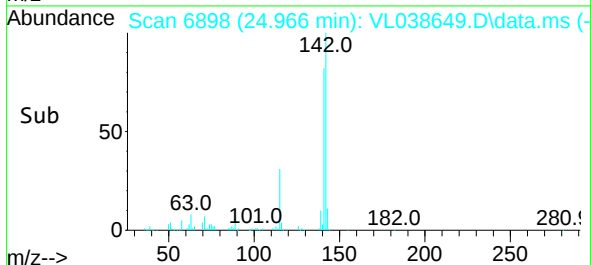
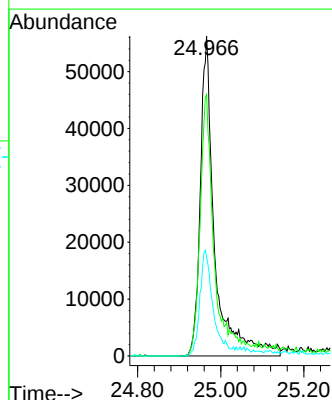
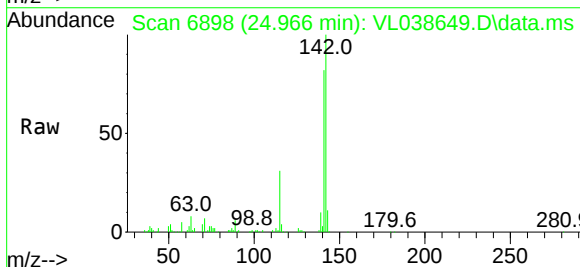
Delta R.T. 0.006 min

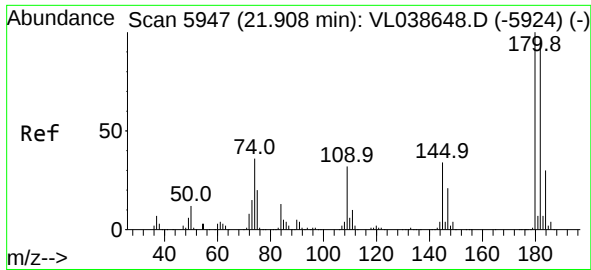
Lab File: VL038649.D

Acq: 21 Mar 2022 13:17

Tgt Ion:142 Resp: 135674

Ion	Ratio	Lower	Upper
142	100		
141	79.5	66.4	99.6
115	30.5	27.8	41.6





#81

1,2,4-Trichlorobenzene

Concen: 1.884 ppbv

RT: 21.908 min Scan# 5947

Delta R.T. 0.000 min

Lab File: VL038649.D

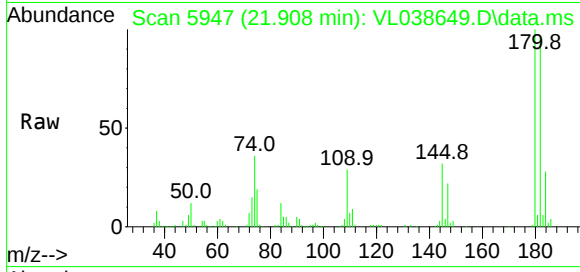
Acq: 21 Mar 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion:180 Resp: 31305

Ion Ratio Lower Upper

180 100

182 101.2 79.2 118.8

184 31.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022

