

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038654.D
 Acq On : 21 Mar 2022 16:28
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 16:59:08 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	5.665	49	955974	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	2538708	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2318250m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 1880728 10.671 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1534961	10.631	ppbv	99
3) Chlorodifluoromethane	2.993	51	1385915	8.222	ppbv	100
4) Chloromethane	3.144	50	768715	12.302	ppbv	99
5) Vinyl Chloride	3.260	62	756153	12.056	ppbv	98
6) Bromomethane	3.475	94	420140	12.480	ppbv	97
7) Chloroethane	3.559	64	258415	12.725	ppbv	99
8) Dichlorotetrafluoroethane	3.192	85	1692363	12.091	ppbv	99
9) Propene	3.012	41	676516	11.374	ppbv	99
10) Heptane	8.121	43	1777825	12.494	ppbv	100
11) Trichlorofluoromethane	3.951	101	1545903	12.211	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.485	101	1146834	11.651	ppbv	97
13) Ethanol	3.607	45	49232	7.206	ppbv	92
14) Bromoethene	3.742	108	546104	13.021	ppbv	99
15) Acetone	3.848	43	1109169	16.449	ppbv	100
16) 1,3-Butadiene	3.330	39	677921	12.511	ppbv	100
17) tert-Butyl alcohol	4.285	59	896194	12.233	ppbv	100
18) 1,1-Dichloroethene	4.292	96	527163	11.967	ppbv	97
19) Isopropyl Alcohol	3.964	45	561635m	12.474	ppbv	
20) Methylene Chloride	4.346	84	448322	11.048	ppbv	99
21) Allyl Chloride	4.411	41	845351	13.007	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	577104	12.497	ppbv	99
23) Vinyl Acetate	5.073	43	1186118	12.271	ppbv	99
24) 1,1-Dichloroethane	5.009	63	1057498	12.029	ppbv	100
25) Ethyl Acetate	5.674	43	2970184	13.080	ppbv	99
26) Hexane	5.687	57	1316881	12.348	ppbv	99
27) Carbon Disulfide	4.552	76	1396526	13.148	ppbv	99
28) Methyl tert-Butyl Ether	5.031	73	949753	10.942	ppbv	100
29) Chloroform	5.751	83	2076545	12.512	ppbv	98
30) Cyclohexane	7.128	84	1149759	12.466	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1294416	12.688	ppbv	99
32) 1,1,1-Trichloroethane	6.510	97	1995063	12.396	ppbv	100
34) 2-Butanone	5.240	43	1800214	27.357	ppbv	98
35) Carbon Tetrachloride	7.015	117	2100261	12.129	ppbv	100
36) Benzene	6.890	78	2824237	12.328	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1429193	13.055	ppbv	100
38) Trichloroethene	7.832	130	1189811m	13.002	ppbv	
39) 1,2-Dichloropropane	7.610	63	1094041	12.417	ppbv	97
40) 1,4-Dioxane	7.822	88	341337	15.480	ppbv #	1
41) Tetrahydrofuran	6.044	42	1142621	21.225	ppbv	99
42) Bromodichloromethane	7.790	83	2193402	12.635	ppbv	98
43) Methyl Methacrylate	8.012	69	1159467	14.744	ppbv	99
44) 2,2,4-Trimethylpentane	7.867	57	4560164	11.773	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	1336785	23.588	ppbv	100

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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 21 2022

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

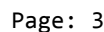
Response via : Initial Calibration

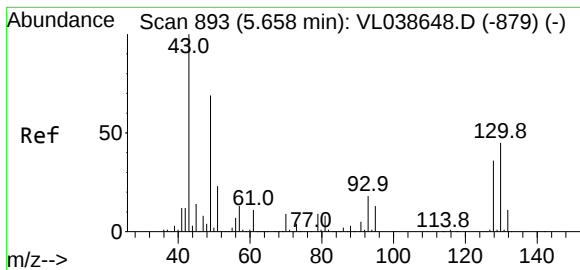
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1655133	21.359	ppbv	99
47) 1,1,2-Trichloroethane	9.471	97	1175433	13.090	ppbv	98
48) Dibromochloromethane	10.301	129	2020126	14.169	ppbv	100
49) Bromoform	13.037	173	1714380	15.699	ppbv	100
50) 4-Methyl-2-Pentanone	8.735	43	2864999	21.239	ppbv	100
51) 2-Hexanone	10.127	43	2269787	39.818	ppbv #	100
52) Tetrachloroethene	11.221	164	1025772	12.216	ppbv	97
53) Toluene	9.803	91	3249714	13.289	ppbv	100
54) 1,2-Dibromoethane	10.606	107	1735224	13.524	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.124	131	1363870	14.444	ppbv #	69
57) Chlorobenzene	12.147	112	2369148	13.386	ppbv	100
58) Ethyl Benzene	12.709	91	4196158	13.980	ppbv	99
59) m/p-Xylene	12.995	91	6956480m	27.072	ppbv	
60) o-Xylene	13.690	91	3355432	13.829	ppbv	99
61) Styrene	13.523	104	2151610	17.995	ppbv	100
62) Isopropylbenzene	14.664	105	4949854	14.784	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.674	83	2280677	11.124	ppbv	99
64) n-propylbenzene	15.558	120	1355564	15.887	ppbv	98
65) tert-Butylbenzene	16.741	119	4338083	14.489	ppbv	99
66) Benzyl Chloride	16.982	91	1165836	65.715	ppbv	100
67) sec-Butylbenzene	17.291	105	6227259	14.634	ppbv	99
69) p-Isopropyltoluene	17.648	119	5232353	14.842	ppbv	99
70) n-Butylbenzene	18.545	91	5476609	14.587	ppbv	99
71) 2-Chlorotoluene	15.449	91	3760355	15.127	ppbv	99
72) 4-Ethyltoluene	15.835	105	4235114	15.195	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	3710859	14.342	ppbv	96
74) 1,2,4-Trimethylbenzene	16.761	105	3804607	13.765	ppbv	98
75) 1,3-Dichlorobenzene	16.992	146	2466494	14.144	ppbv	100
76) 1,4-Dichlorobenzene	17.134	146	2497572	14.459	ppbv	99
77) 1,2-Dichlorobenzene	17.812	146	2446165	13.865	ppbv	100
78) Hexachloro-1,3-Butadiene	23.368	225	1886146	10.960	ppbv	100
79) Naphthalene	22.188	128	3842797	15.455	ppbv	99
80) Naphthalene,2-methyl-	24.963	142	1026520	23.389	ppbv	96
81) 1,2,4-Trichlorobenzene	21.921	180	2182528	13.737	ppbv	99

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

Manual Integrations APPROVED

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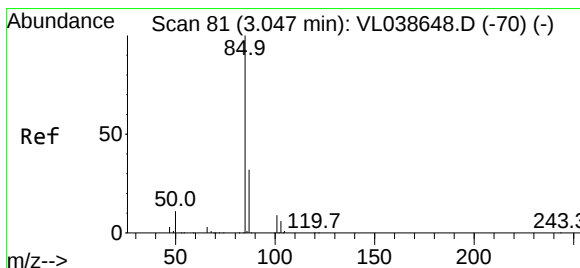
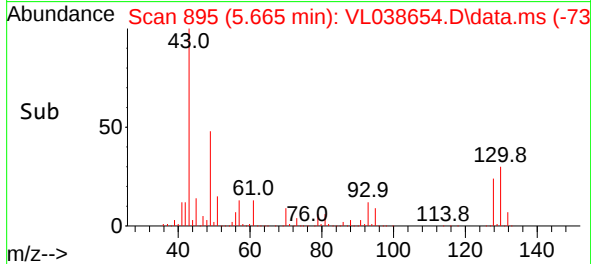
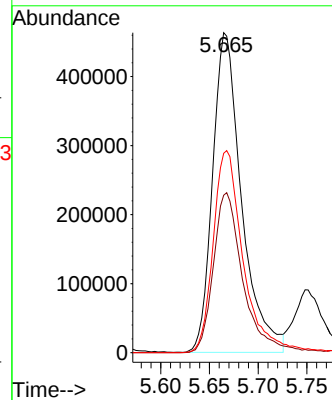
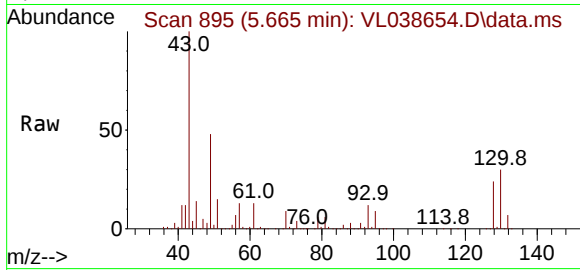
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 893
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 49 Resp: 955974
Ion Ratio Lower Upper
49 100
128 52.2 26.2 78.6
130 67.0 33.7 101.1

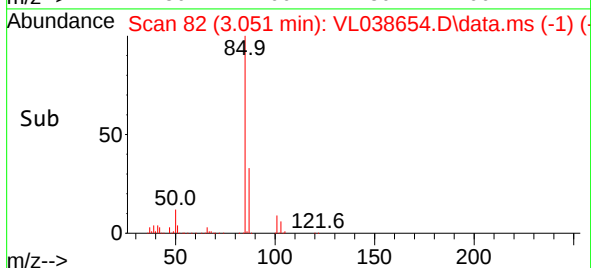
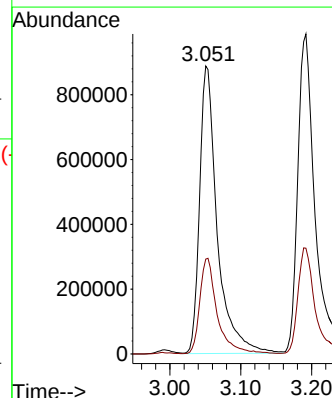
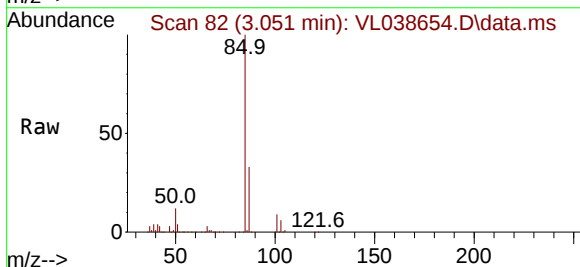
Manual Integrations
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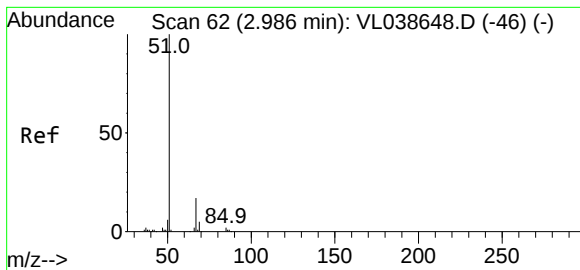
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#2
Dichlorodifluoromethane
Concen: 10.631 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 85 Resp: 1534961
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





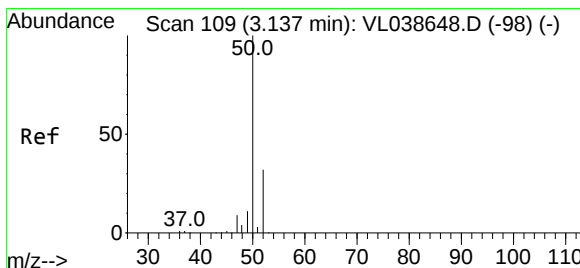
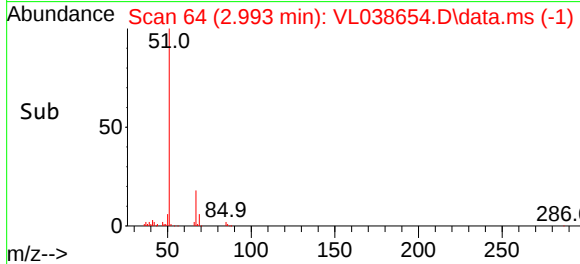
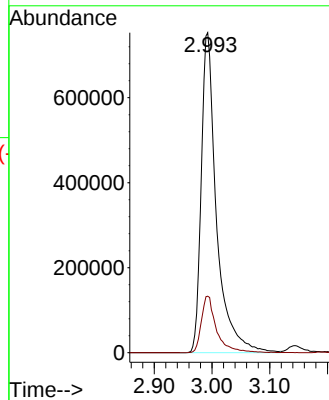
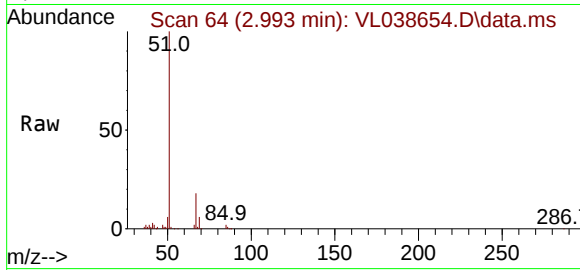
#3
Chlorodifluoromethane
Concen: 8.222 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 51 Resp: 1385915
Ion Ratio Lower Upper
51 100
67 17.6 14.1 21.1

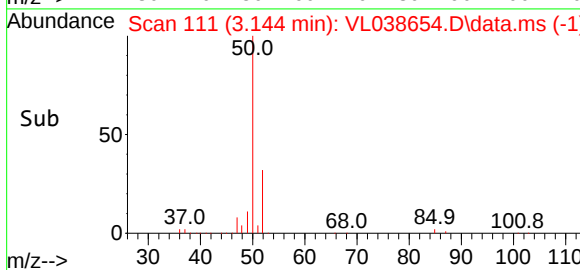
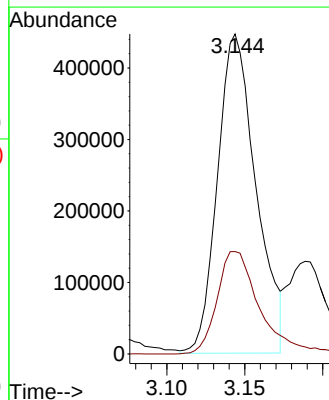
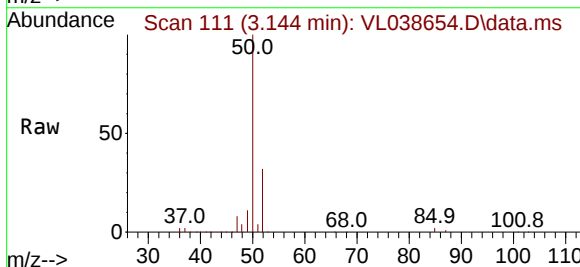
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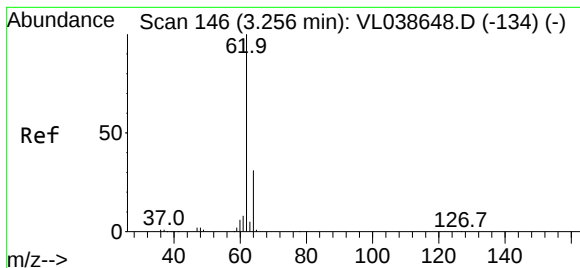
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#4
Chloromethane
Concen: 12.302 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

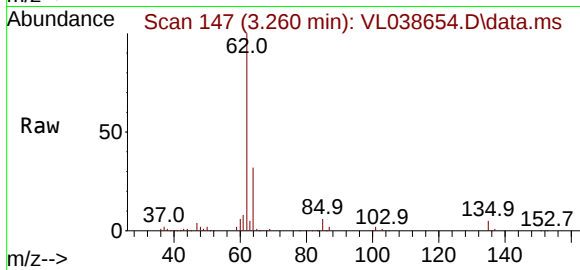
Tgt Ion: 50 Resp: 768715
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3





#5
 Vinyl Chloride
 Concen: 12.056 ppbv
 RT: 3.260 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

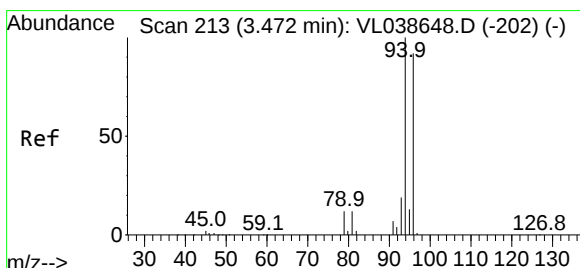
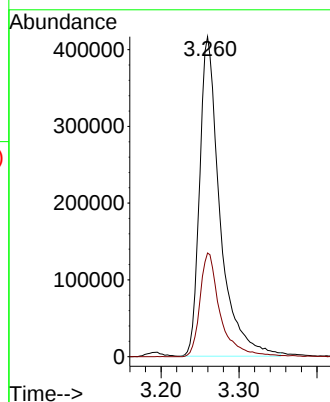
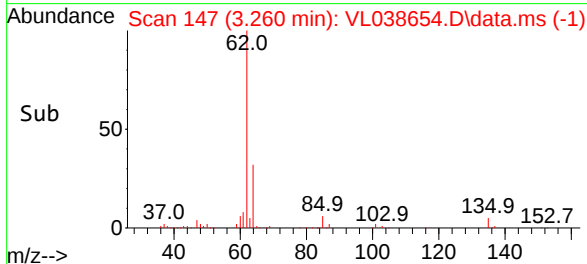
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 62 Resp: 75615
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 37.4

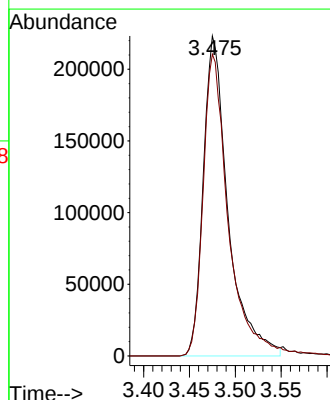
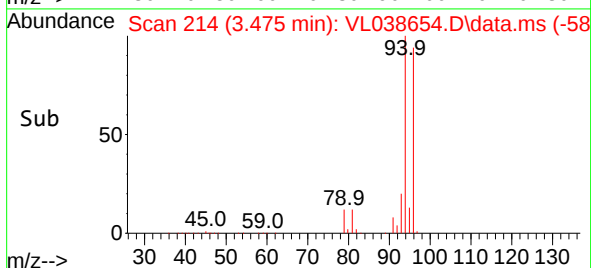
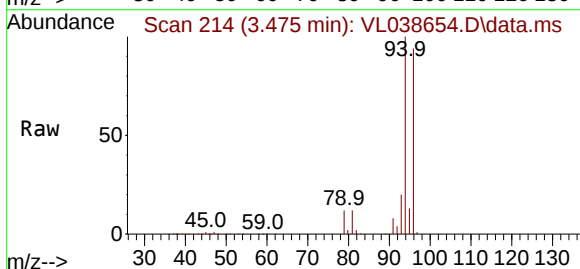
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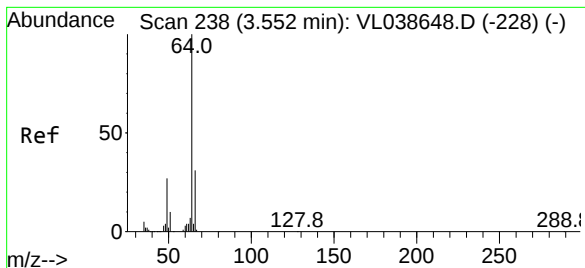
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#6
 Bromomethane
 Concen: 12.480 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

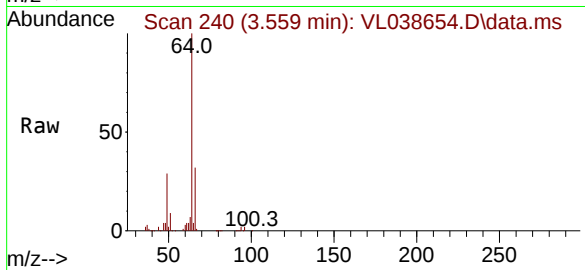
Tgt Ion: 94 Resp: 420140
 Ion Ratio Lower Upper
 94 100
 96 94.3 73.3 109.9





#7
Chloroethane
Concen: 12.725 ppbv
RT: 3.559 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

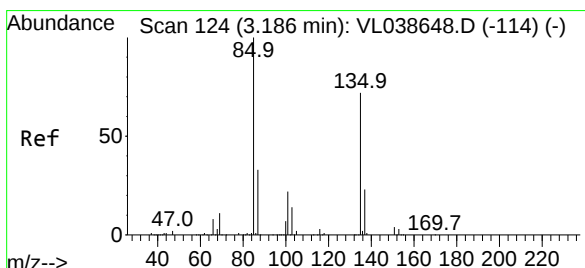
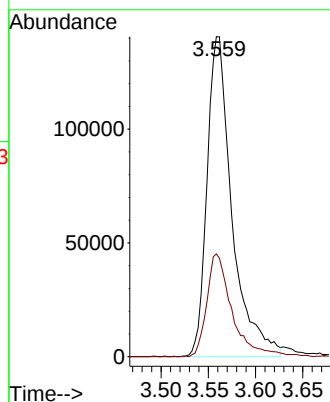
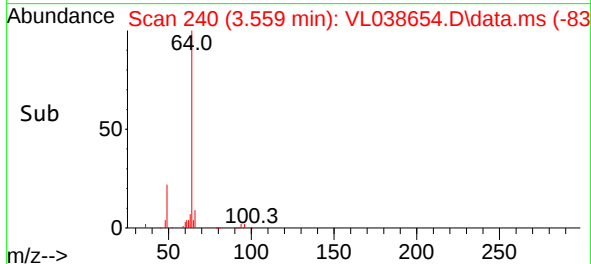
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 258415
Ion Ratio Lower Upper
64 100
66 32.1 25.0 37.6

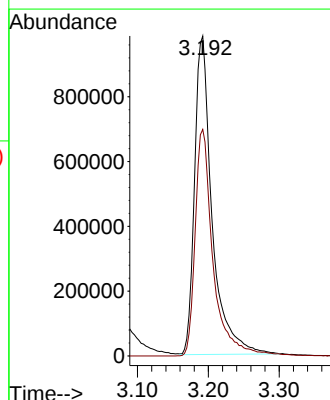
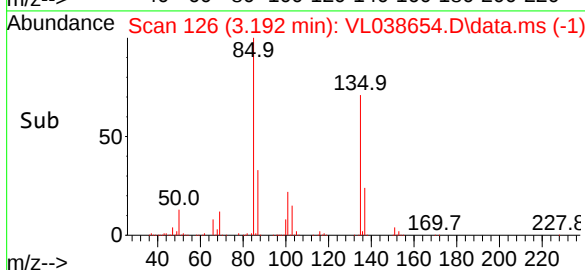
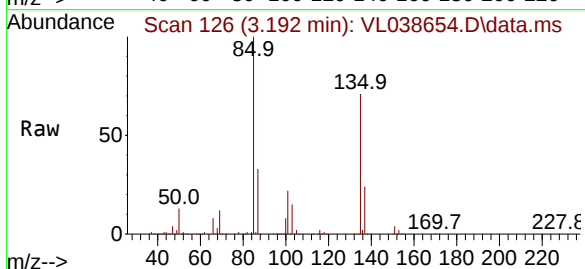
Manual Integrations
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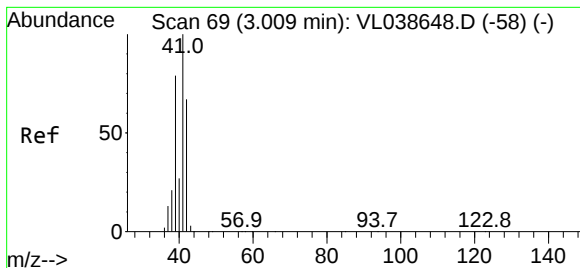
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#8
Dichlorotetrafluoroethane
Concen: 12.091 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 85 Resp: 1692363
Ion Ratio Lower Upper
85 100
135 73.0 57.8 86.6





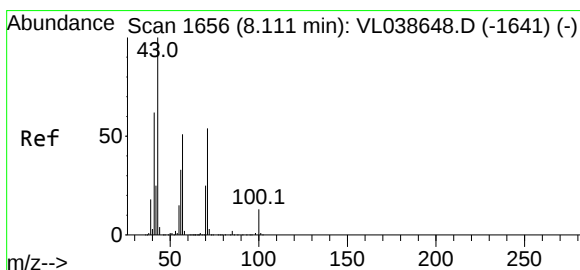
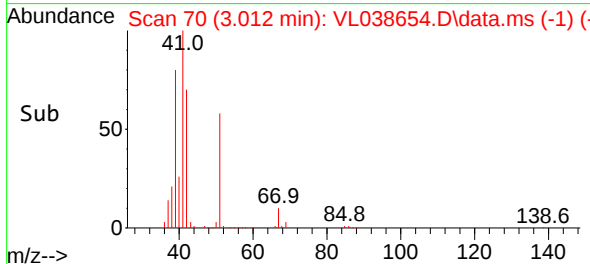
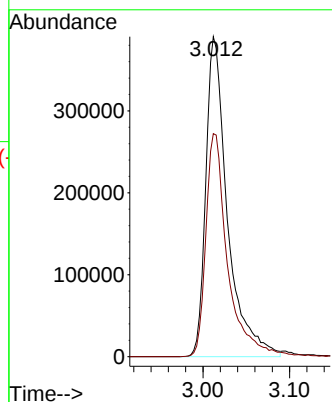
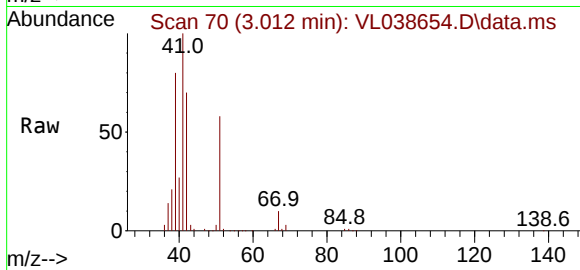
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Propene
Concen: 11.374 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 41 Resp: 676510
Ion Ratio Lower Upper
41 100
42 70.7 56.2 84.4

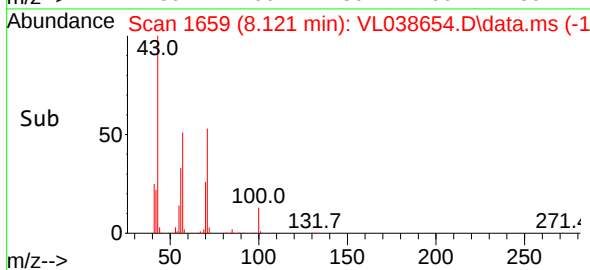
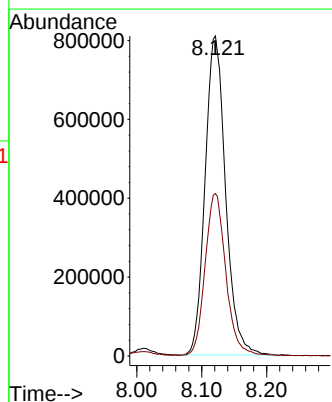
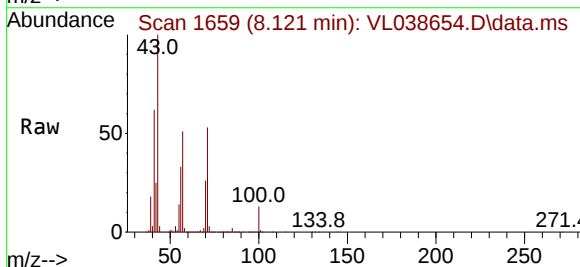
Manual Integrations
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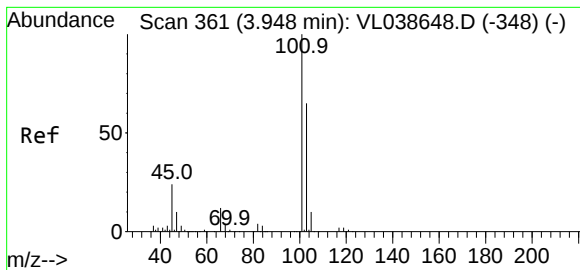
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#10
Heptane
Concen: 12.494 ppbv
RT: 8.121 min Scan# 1659
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

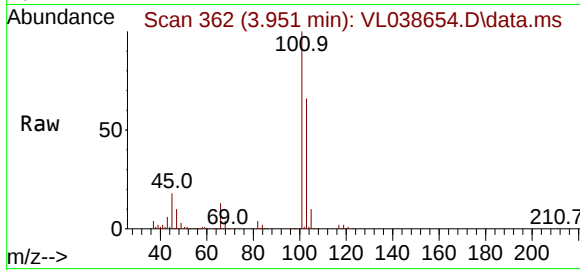
Tgt Ion: 43 Resp: 1777825
Ion Ratio Lower Upper
43 100
57 51.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 12.211 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

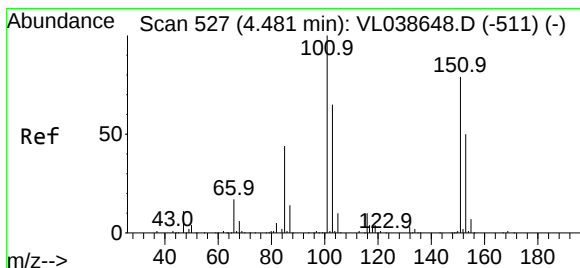
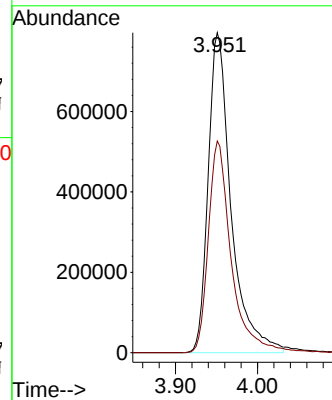
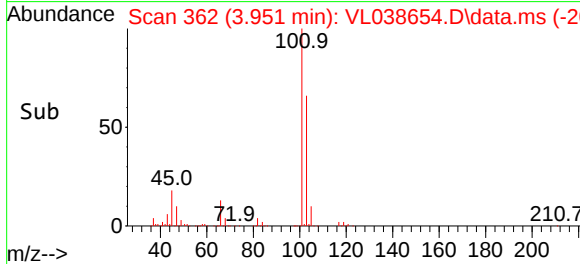
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



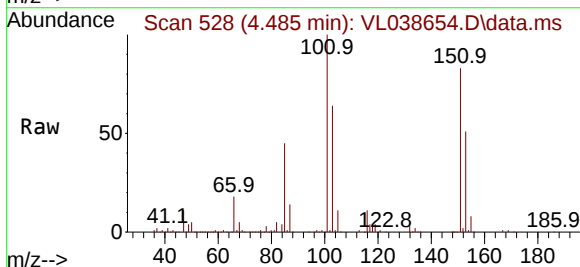
Tgt Ion:101 Resp: 154590
Ion Ratio Lower Upper
101 100
103 66.1 51.9 77.9

Manual Integrations
APPROVED

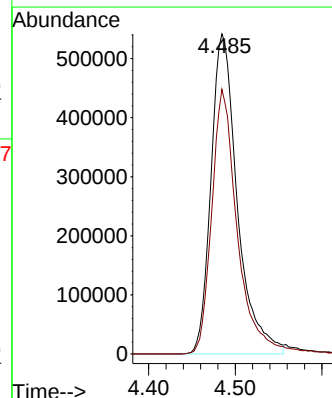
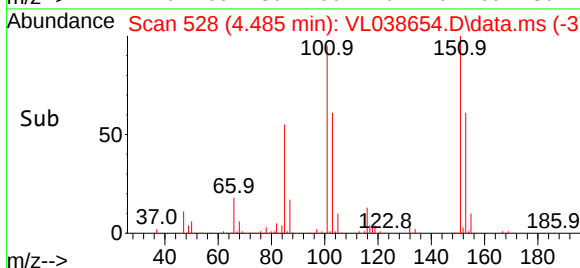
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

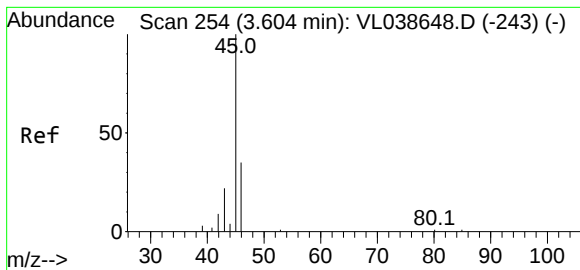


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.651 ppbv
RT: 4.485 min Scan# 528
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



Tgt Ion:101 Resp: 1146834
Ion Ratio Lower Upper
101 100
151 81.2 62.9 94.3





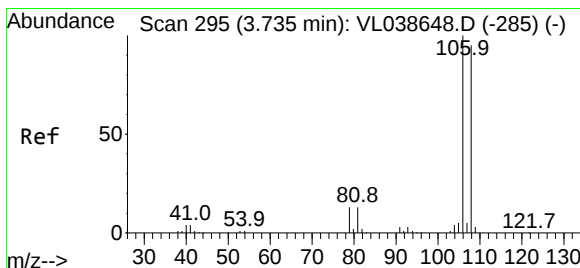
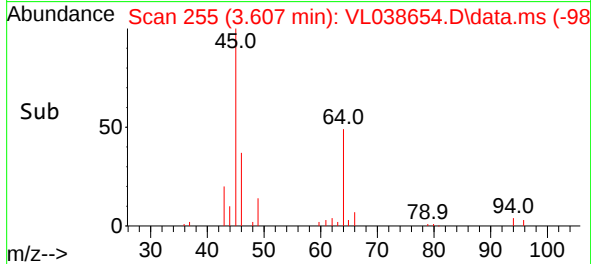
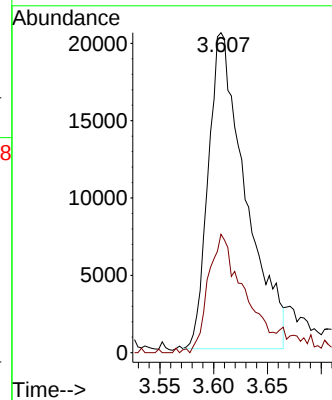
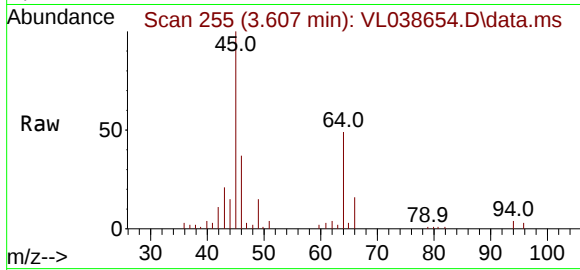
#13
Ethanol
Concen: 7.206 ppbv
RT: 3.607 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 45 Resp: 4923
Ion Ratio Lower Upper
45 100
46 42.5 15.1 60.5

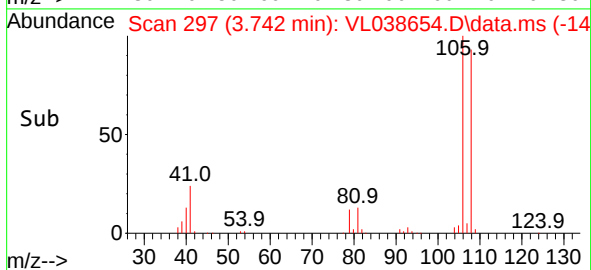
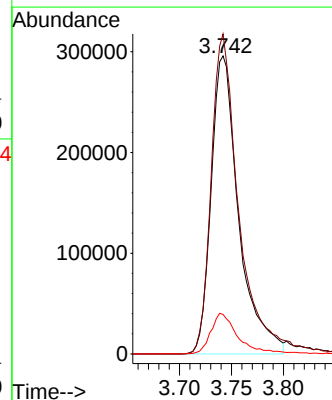
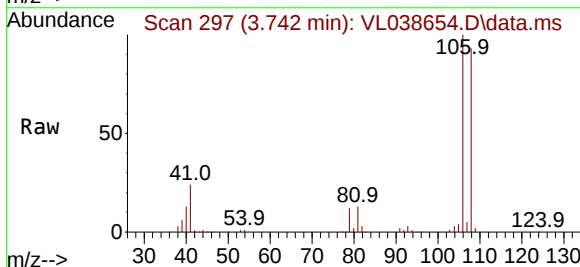
Manual Integrations
APPROVED

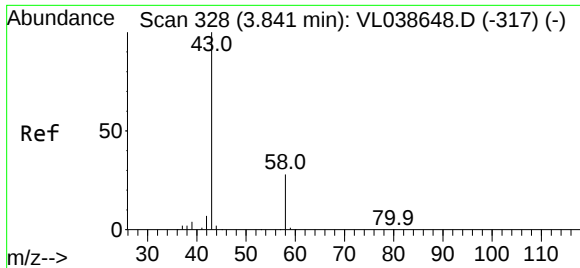
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#14
Bromoethene
Concen: 13.021 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion:108 Resp: 546104
Ion Ratio Lower Upper
108 100
106 109.7 88.3 132.5
79 14.0 11.2 16.8





#15

Acetone

Concen: 16.449 ppbv

RT: 3.848 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 110916

Ion Ratio Lower Upper

43 100

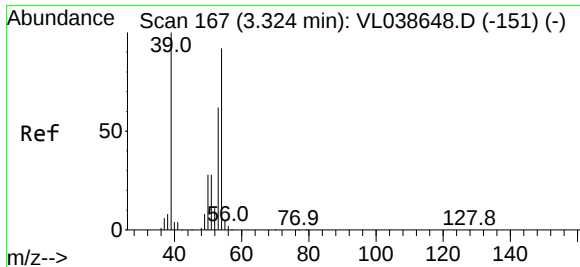
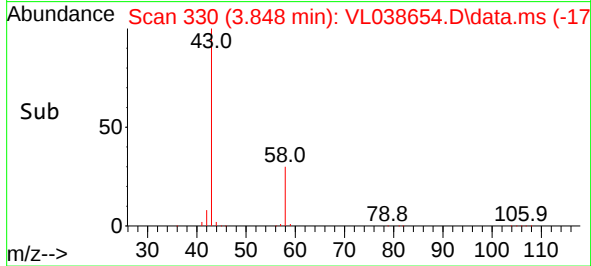
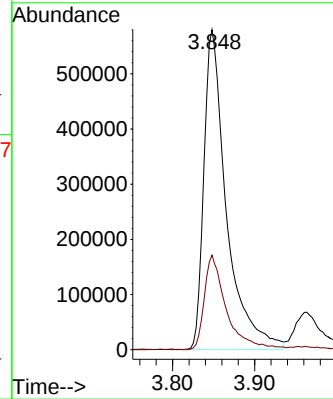
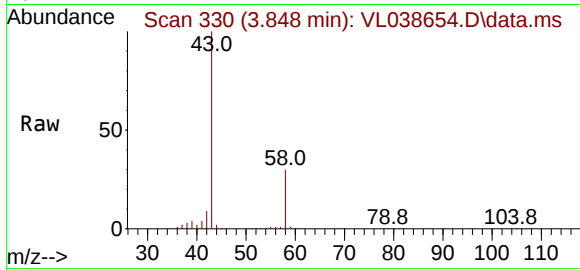
58 28.9 23.3 34.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#16

1,3-Butadiene

Concen: 12.511 ppbv

RT: 3.330 min Scan# 169

Delta R.T. 0.006 min

Lab File: VL038654.D

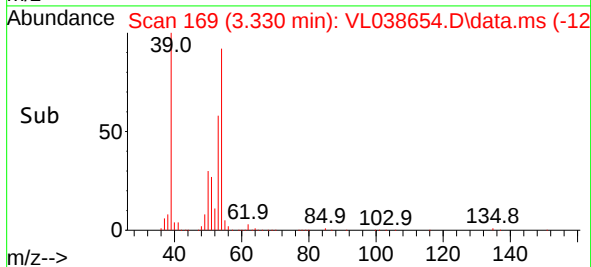
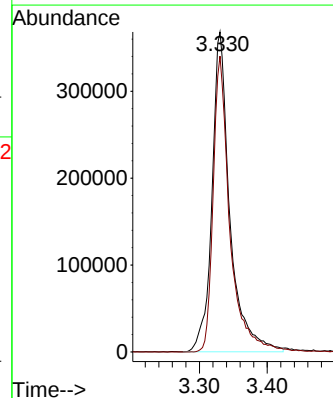
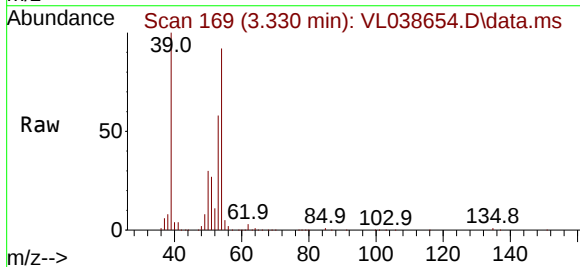
Acq: 21 Mar 2022 16:28

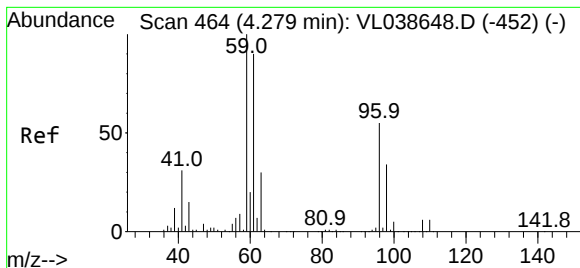
Tgt Ion: 39 Resp: 677921

Ion Ratio Lower Upper

39 100

54 86.3 69.1 103.7





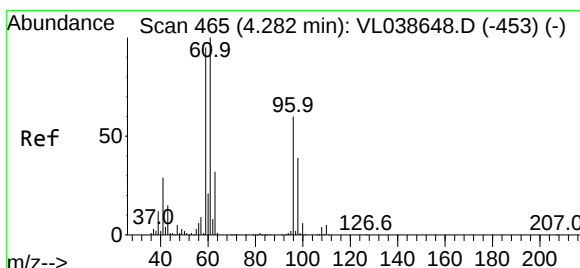
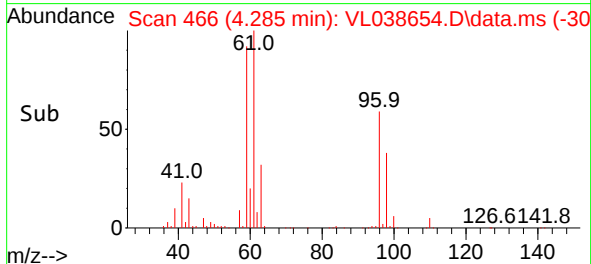
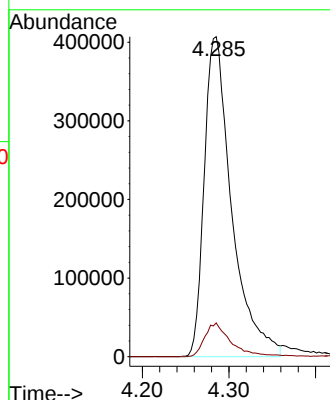
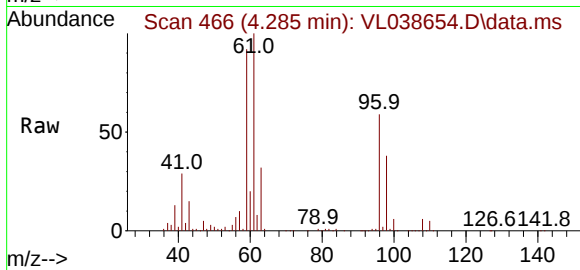
#17
tert-Butyl alcohol
Concen: 12.233 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 59 Resp: 896194
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

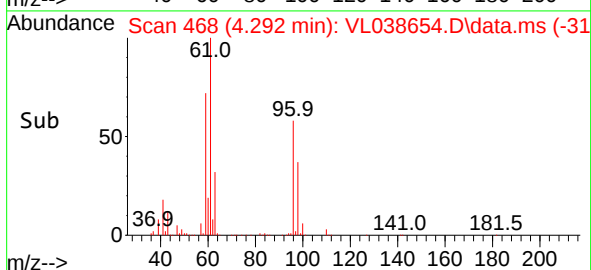
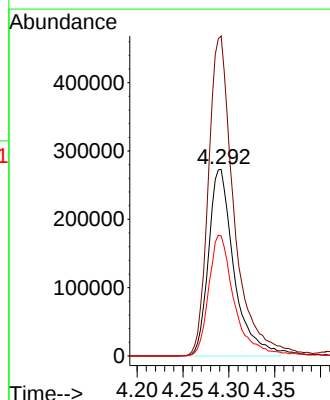
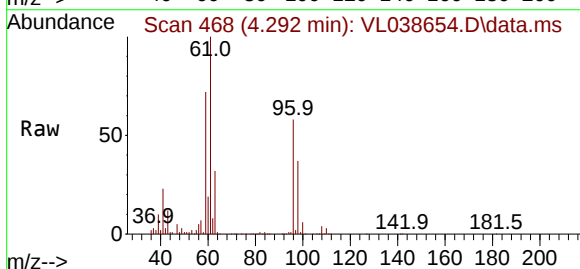
Manual Integrations
APPROVED

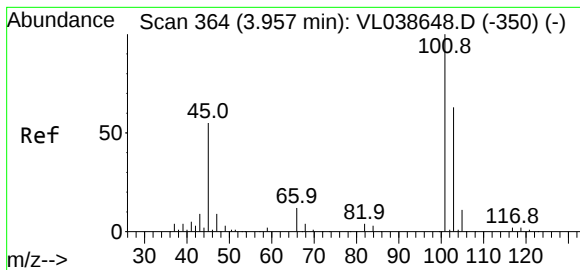
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#18
1,1-Dichloroethene
Concen: 11.967 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

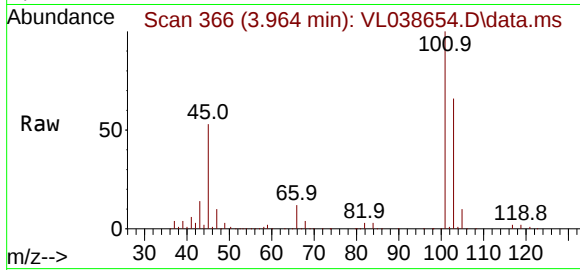
Tgt Ion: 96 Resp: 527163
Ion Ratio Lower Upper
96 100
61 171.5 132.4 198.6
98 64.3 51.6 77.4





#19
Isopropyl Alcohol
Concen: 12.474 ppbv m
RT: 3.964 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

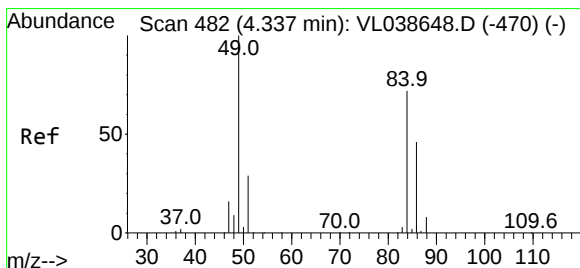
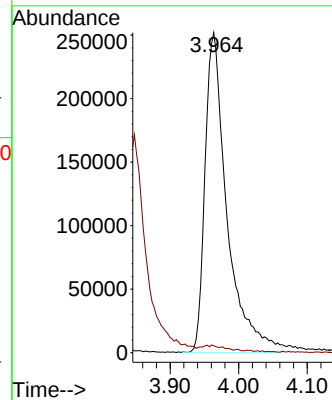
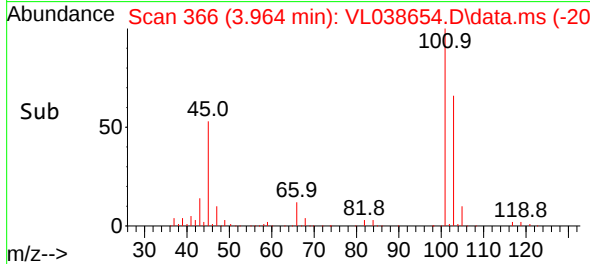
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 45 Resp: 56163
Ion Ratio Lower Upper
45 100
58 2.7 2.3 3.5

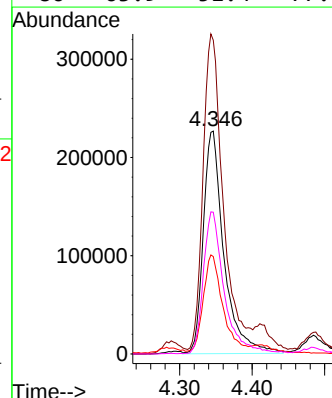
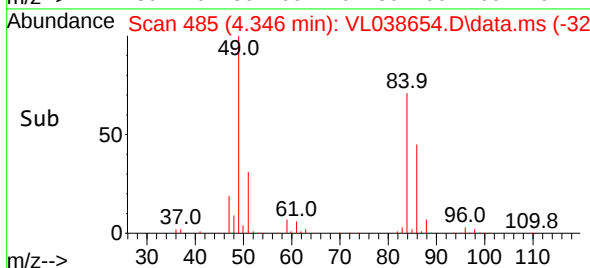
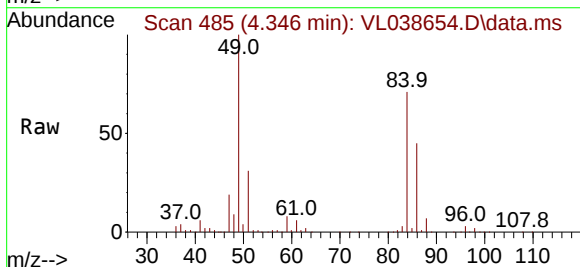
Manual Integrations
APPROVED

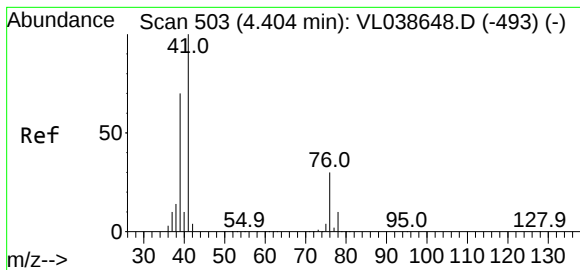
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#20
Methylene Chloride
Concen: 11.048 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 84 Resp: 448322
Ion Ratio Lower Upper
84 100
49 138.9 111.2 166.8
51 42.5 32.8 49.2
86 63.9 51.4 77.0





#21
 Allyl Chloride
 Concen: 13.007 ppbv
 RT: 4.411 min Scan# 503
 Delta R.T. 0.006 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

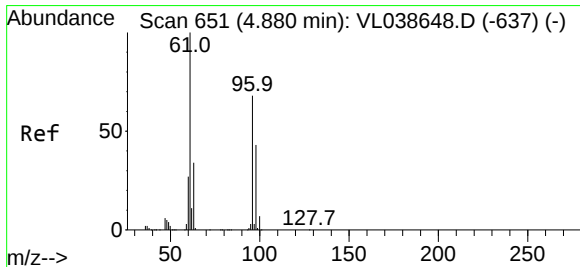
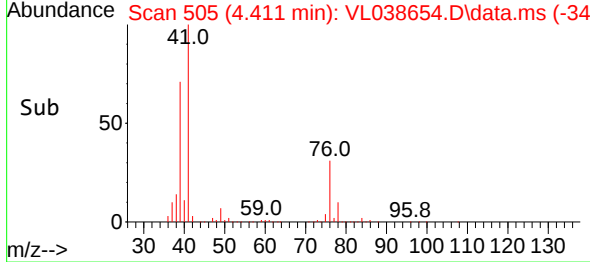
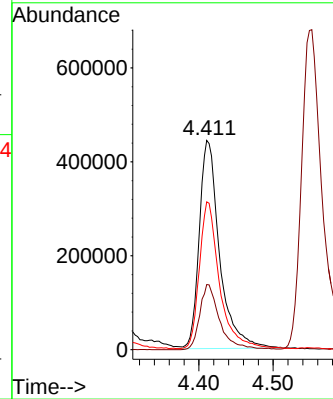
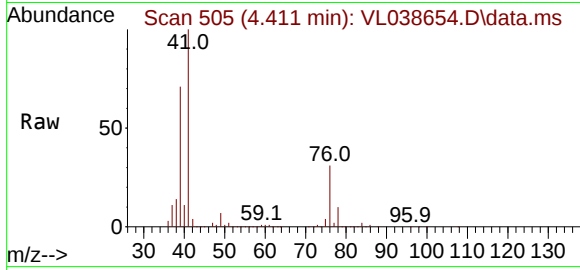
ClientSampleId :

VSTDIC015

Tgt Ion: 41 Resp: 84535
 Ion Ratio Lower Upper
 41 100
 76 30.7 25.0 37.6
 39 69.9 56.6 85.0

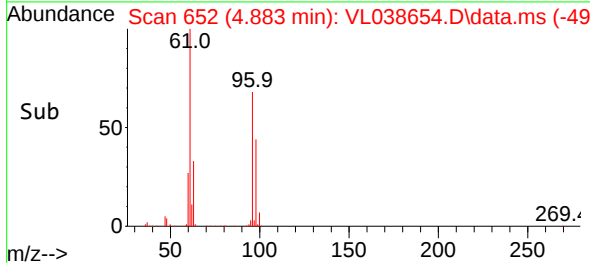
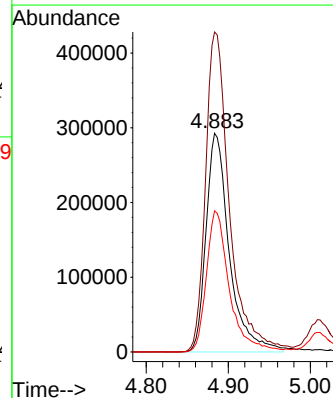
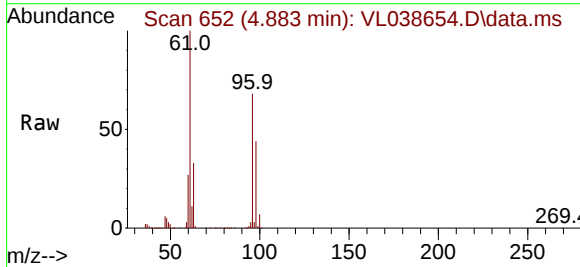
Manual Integrations
 APPROVED

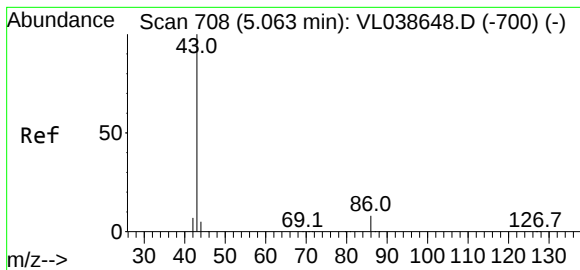
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 12.497 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. 0.003 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Tgt Ion: 96 Resp: 577104
 Ion Ratio Lower Upper
 96 100
 61 146.1 118.3 177.5
 98 64.5 51.3 76.9





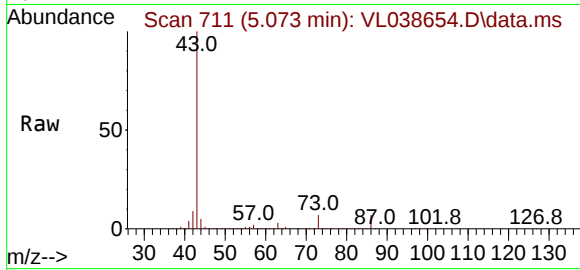
#23
 Vinyl Acetate
 Concen: 12.271 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. 0.010 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

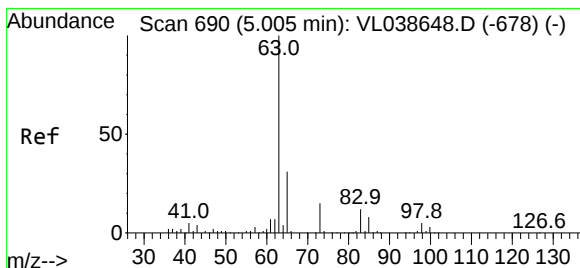
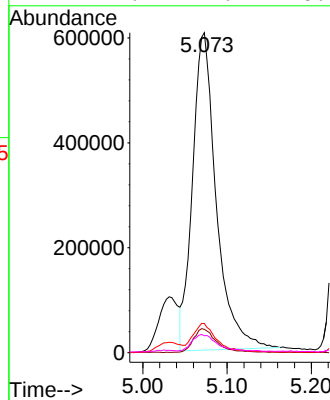
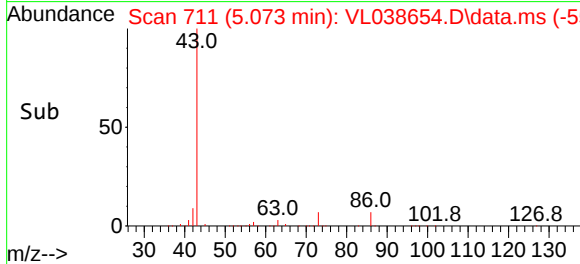


Tgt Ion: 43 Resp: 1186118
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.6 8.4
 42 9.1 6.8 10.2
 44 4.9 4.2 6.2

Manual Integrations

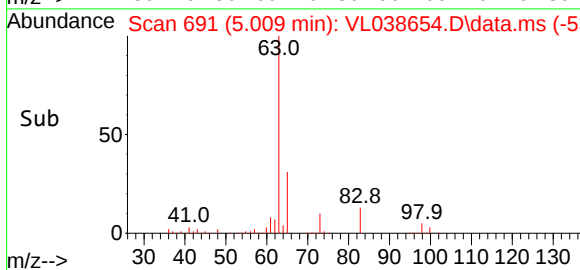
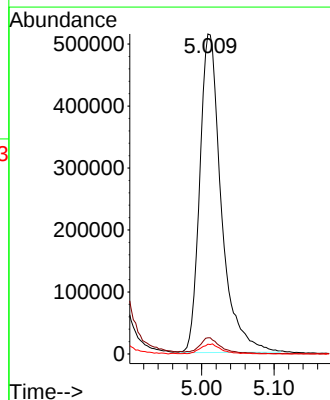
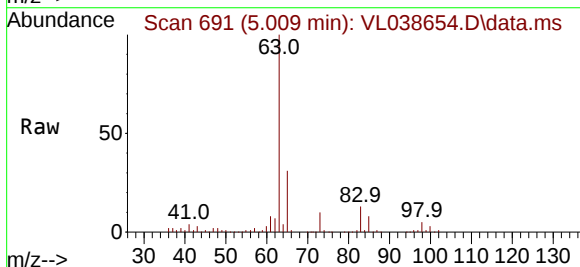
APPROVED

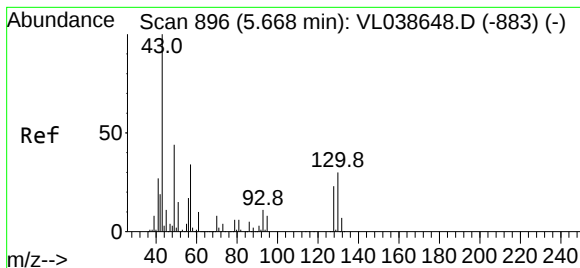
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#24
 1,1-Dichloroethane
 Concen: 12.029 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. 0.003 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Tgt Ion: 63 Resp: 1057498
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.5 7.5
 100 3.0 1.4 4.2





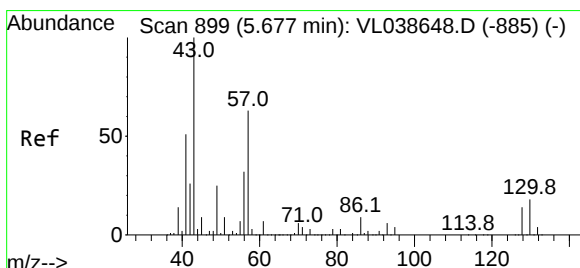
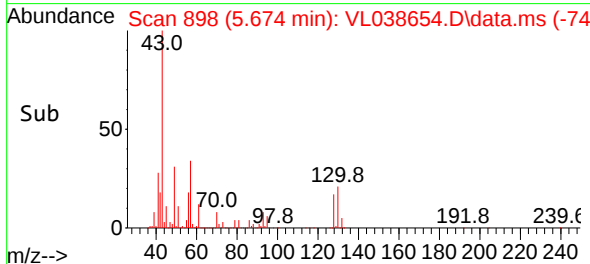
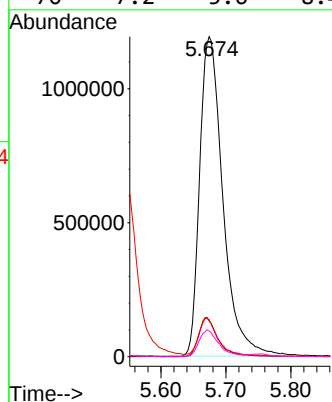
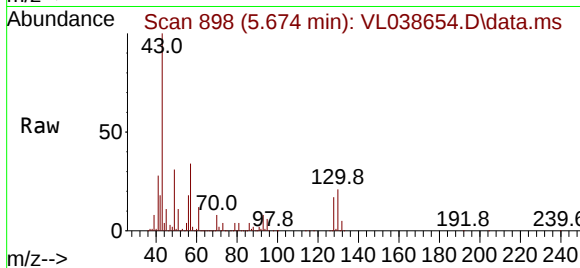
#25
Ethyl Acetate
Concen: 13.080 ppbv
RT: 5.674 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 2970184
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.7 8.3 12.5
70 7.2 5.6 8.4

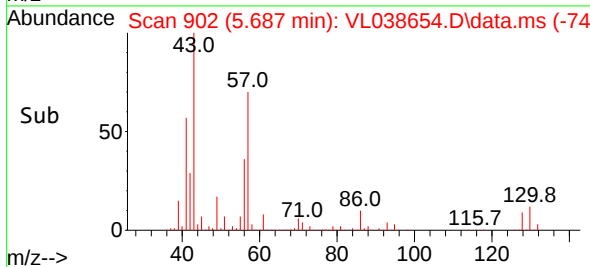
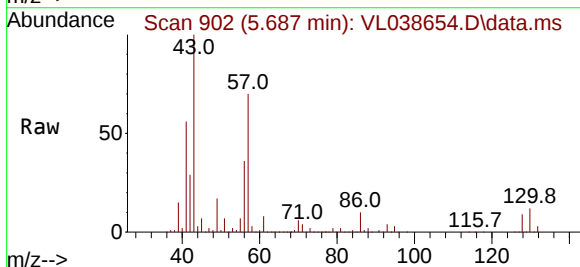
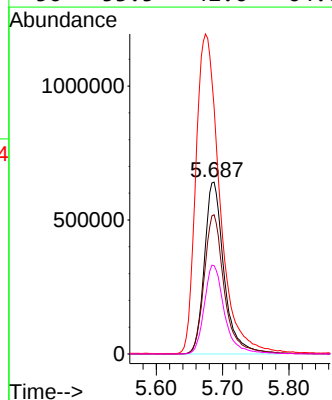
Manual Integrations
APPROVED

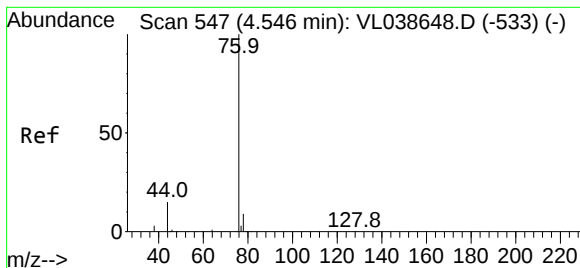
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#26
Hexane
Concen: 12.348 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

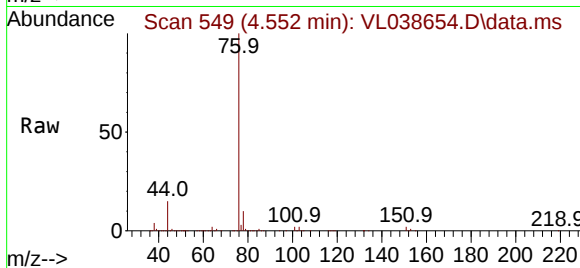
Tgt Ion: 57 Resp: 1316881
Ion Ratio Lower Upper
57 100
41 84.1 67.0 100.4
43 227.1 184.2 276.2
56 53.5 42.6 64.0





#27
Carbon Disulfide
Concen: 13.148 ppbv
RT: 4.552 min Scan# 547
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

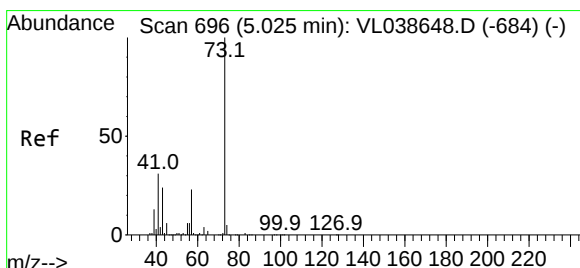
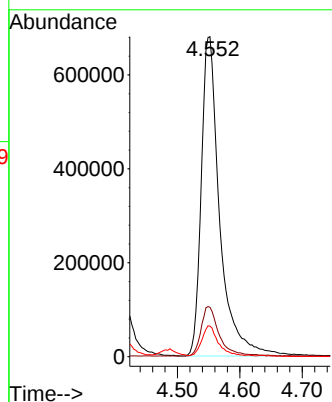
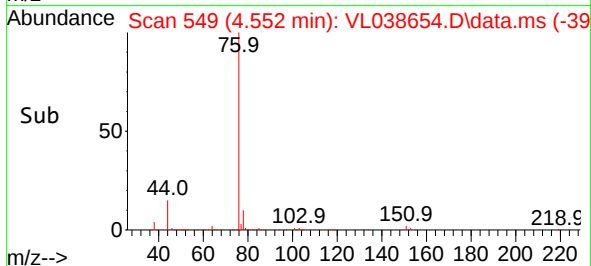
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 1396520
Ion Ratio Lower Upper
76 100
44 15.3 12.4 18.6
78 9.3 7.8 11.8

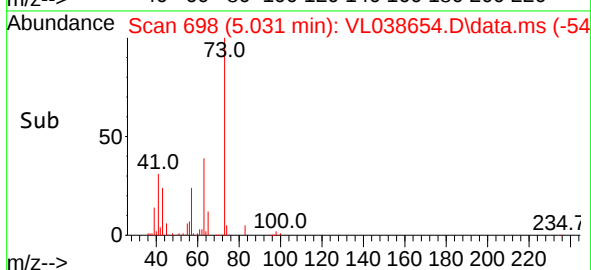
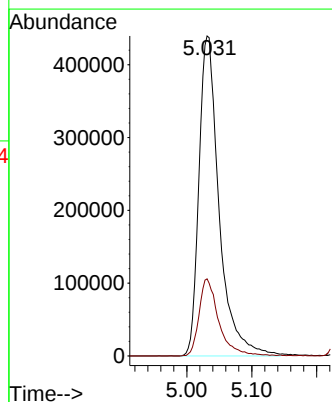
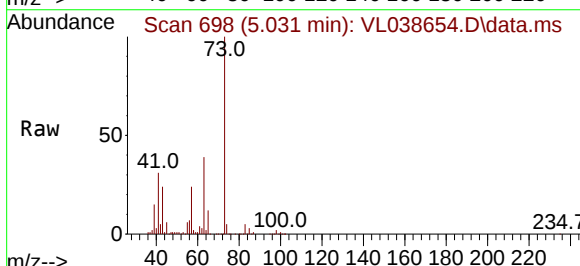
Manual Integrations
APPROVED

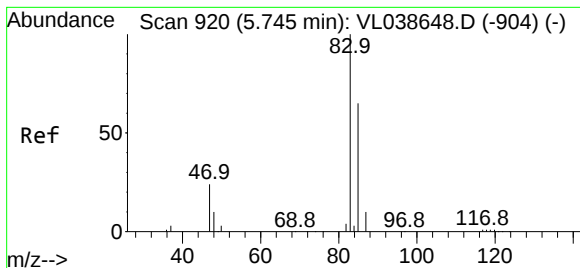
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#28
Methyl tert-Butyl Ether
Concen: 10.942 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 73 Resp: 949753
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8





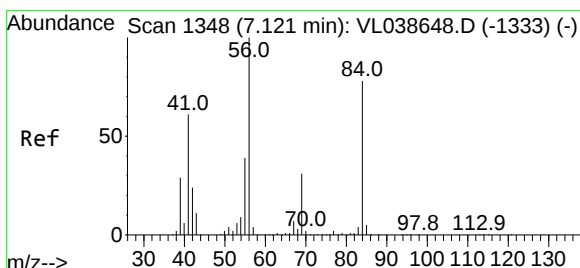
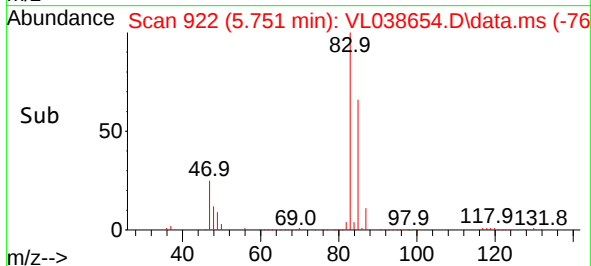
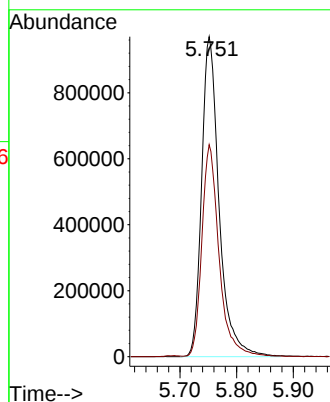
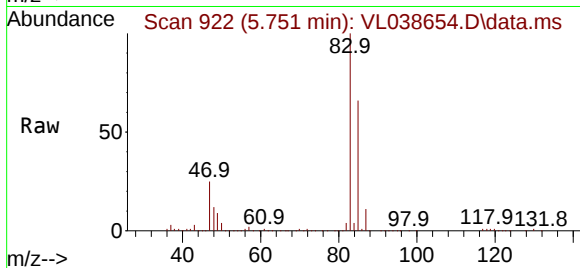
#29
Chloroform
Concen: 12.512 ppbv
RT: 5.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 207654
Ion Ratio Lower Upper
83 100
85 66.1 51.7 77.5

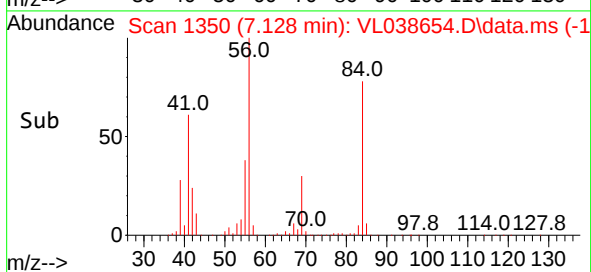
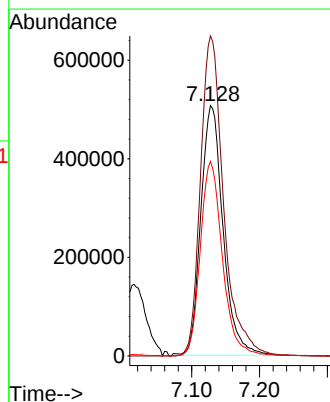
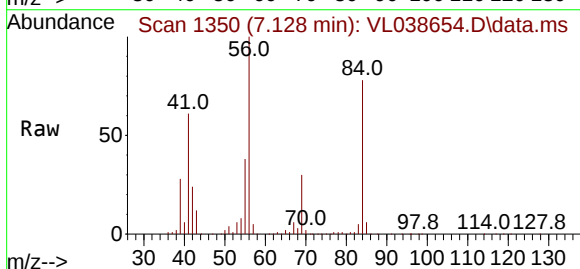
Manual Integrations
APPROVED

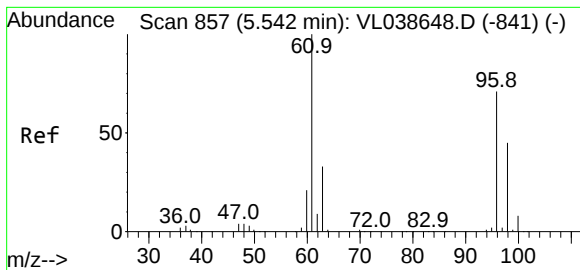
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#30
Cyclohexane
Concen: 12.466 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 84 Resp: 1149759
Ion Ratio Lower Upper
84 100
56 134.0 108.2 162.4
41 78.0 61.8 92.6





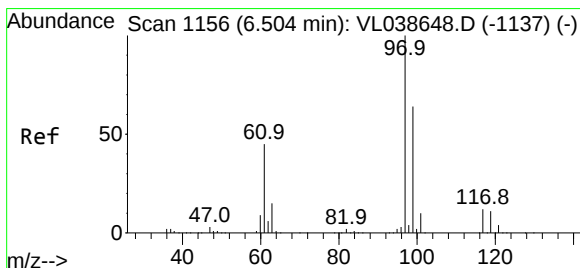
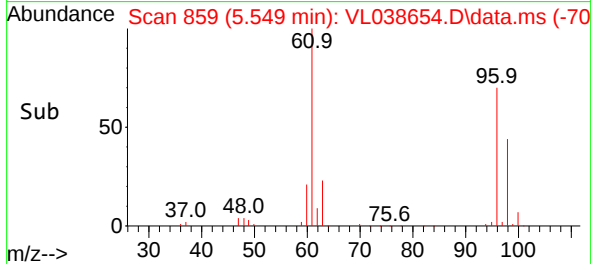
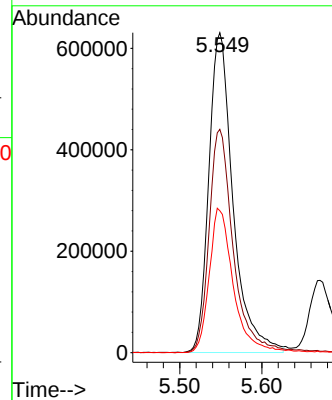
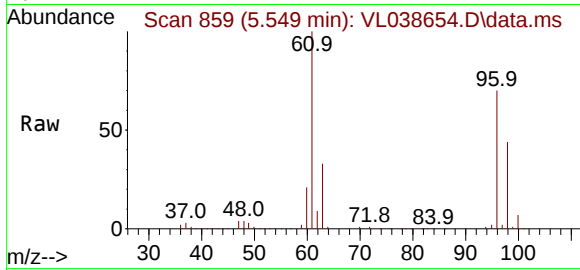
#31
 cis-1,2-Dichloroethene
 Concen: 12.688 ppbv
 RT: 5.549 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 61 Resp: 1294410
 Ion Ratio Lower Upper
 61 100
 96 69.8 56.6 84.8
 98 44.3 36.3 54.5

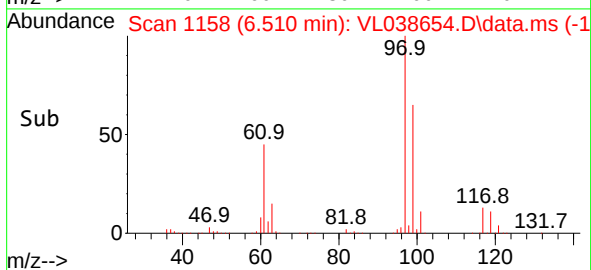
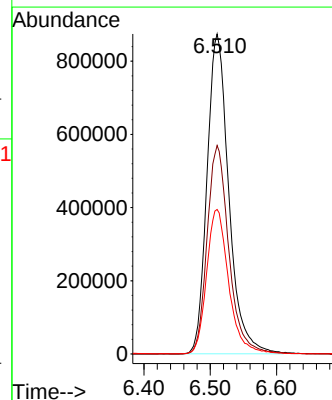
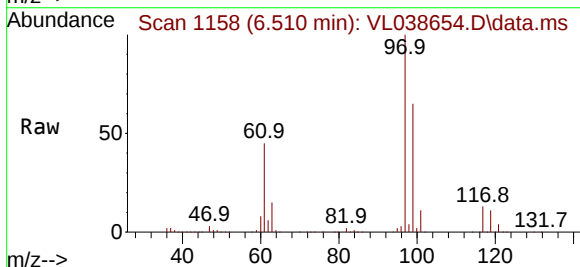
Manual Integrations
 APPROVED

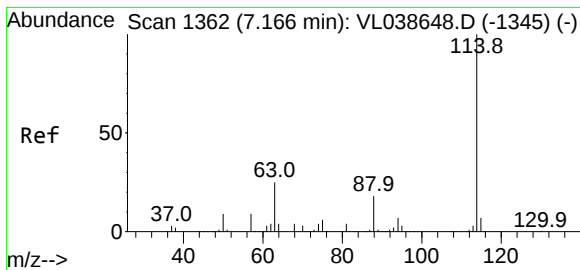
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#32
 1,1,1-Trichloroethane
 Concen: 12.396 ppbv
 RT: 6.510 min Scan# 1158
 Delta R.T. 0.006 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Tgt Ion: 97 Resp: 1995063
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.8 77.8
 61 45.9 36.7 55.1





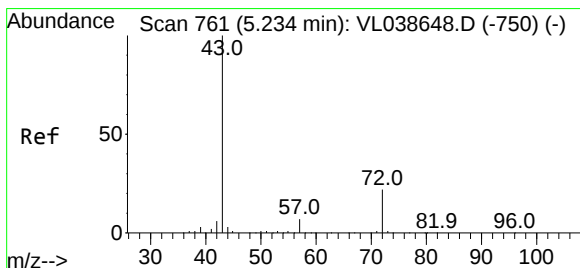
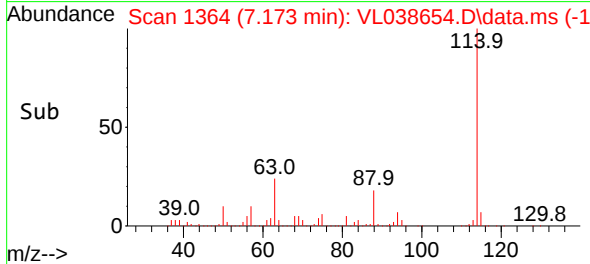
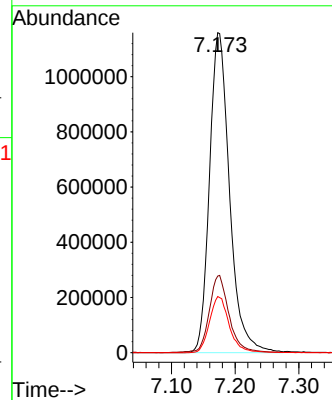
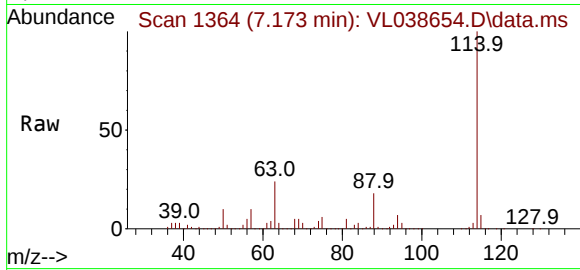
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:114 Resp: 2538708
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.0
88 17.3 13.9 20.9

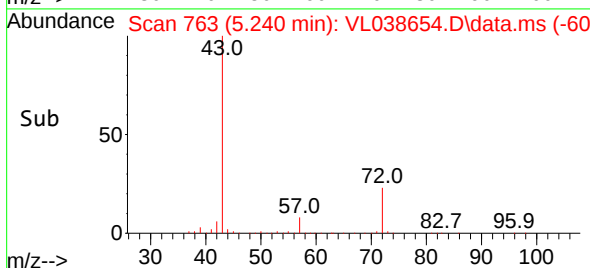
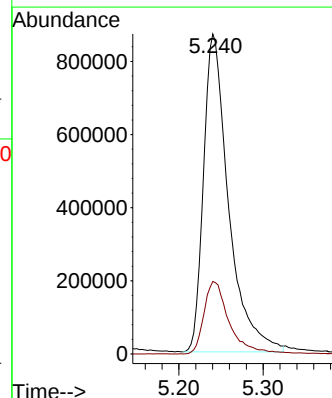
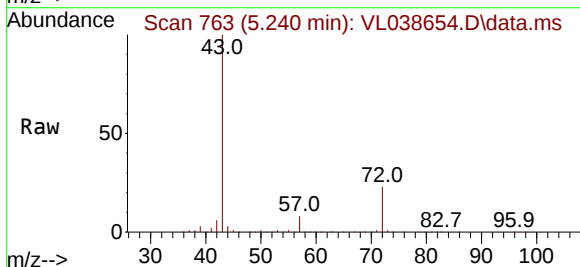
Manual Integrations
APPROVED

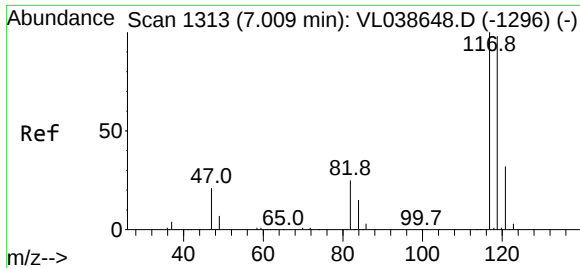
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#34
2-Butanone
Concen: 27.357 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

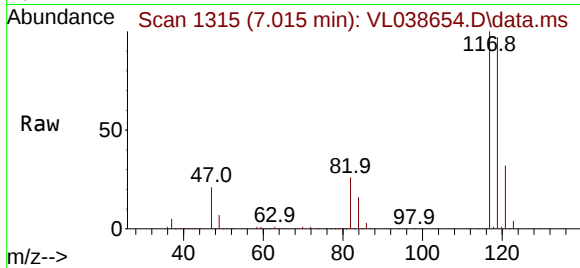
Tgt Ion: 43 Resp: 1800214
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.8





#35
Carbon Tetrachloride
Concen: 12.129 ppbv
RT: 7.015 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

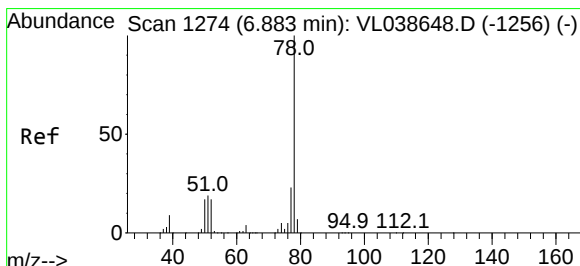
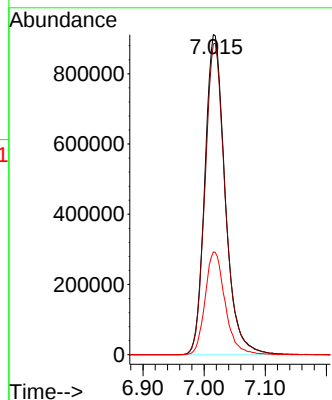
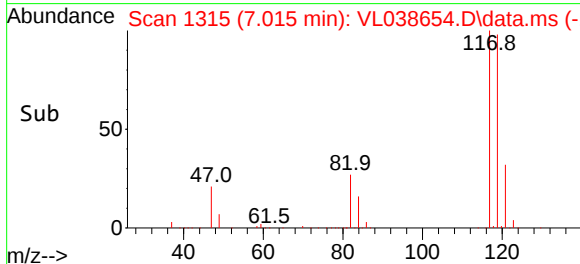
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:117 Resp: 210026
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1
121 32.1 25.8 38.6

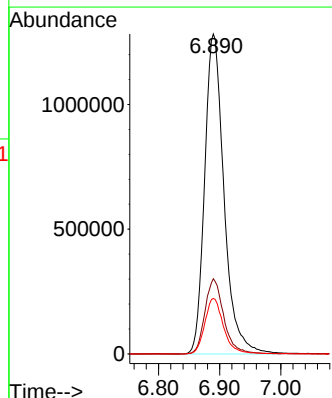
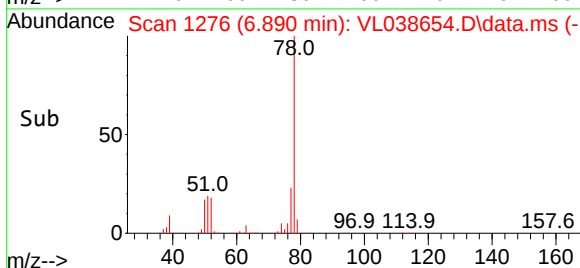
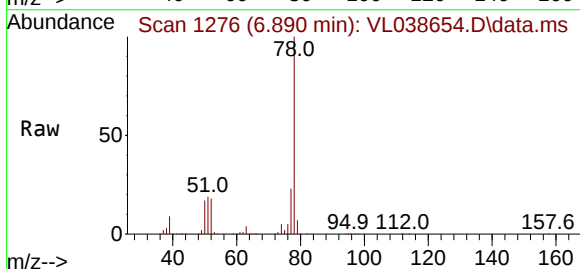
Manual Integrations
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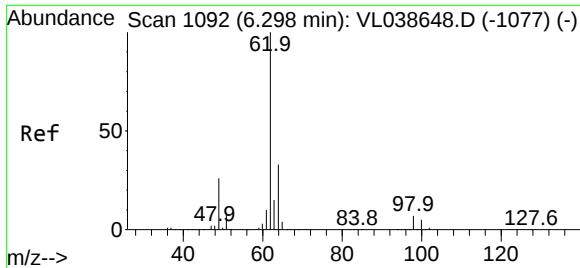
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#36
Benzene
Concen: 12.328 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 78 Resp: 2824237
Ion Ratio Lower Upper
78 100
77 23.5 18.1 27.1
50 17.3 13.6 20.4





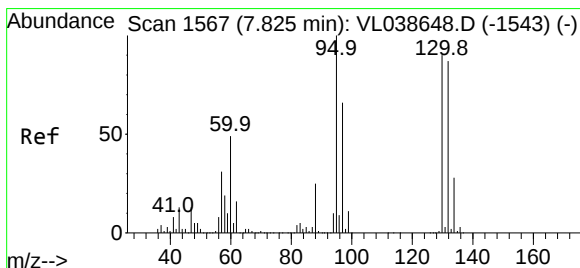
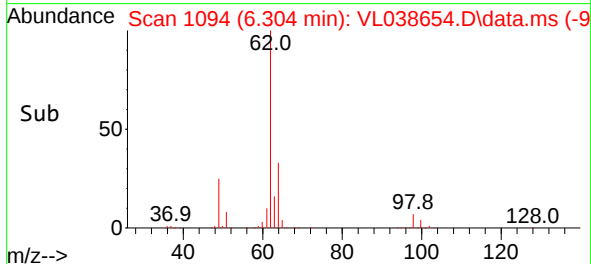
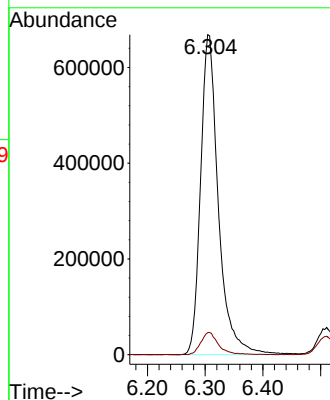
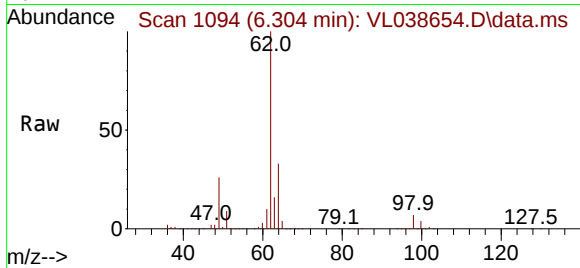
#37
1,2-Dichloroethane
Concen: 13.055 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 62 Resp: 142919
Ion Ratio Lower Upper
62 100
98 7.0 5.6 8.4

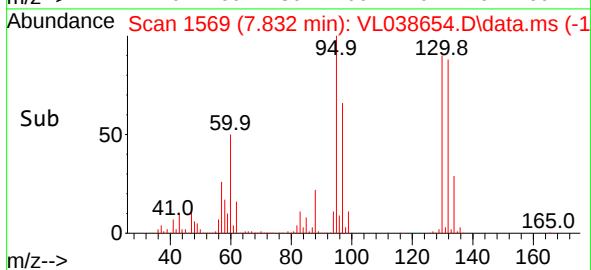
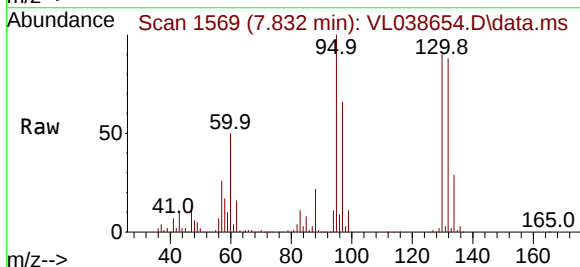
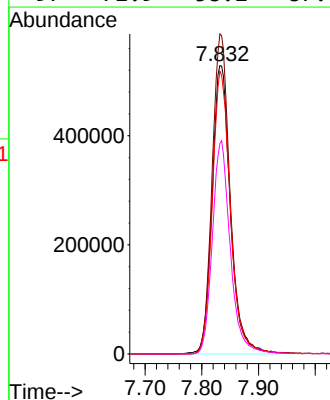
Manual Integrations
APPROVED

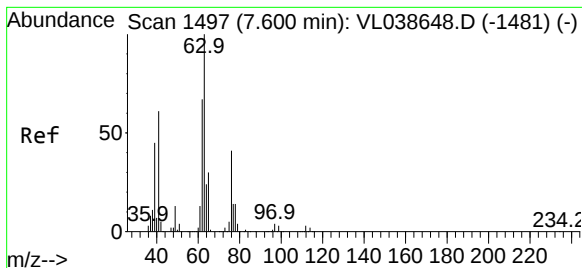
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#38
Trichloroethene
Concen: 13.002 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

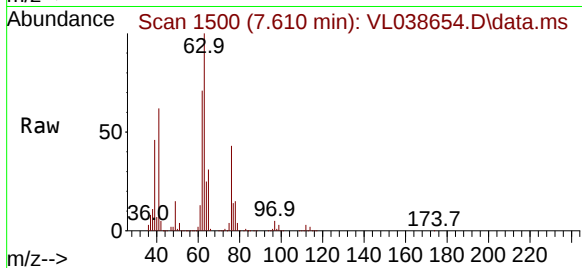
Tgt Ion:130 Resp: 1189811
Ion Ratio Lower Upper
130 100
95 111.0 88.9 133.3
132 98.0 77.4 116.0
97 72.9 58.2 87.4





#39
1,2-Dichloropropane
Concen: 12.417 ppbv
RT: 7.610 min Scan# 1497
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

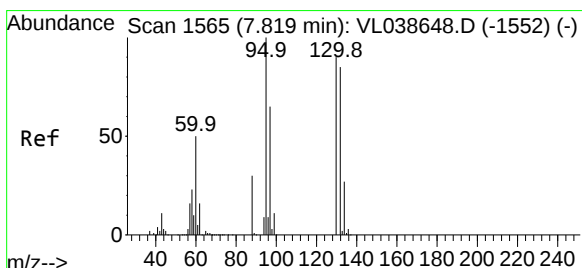
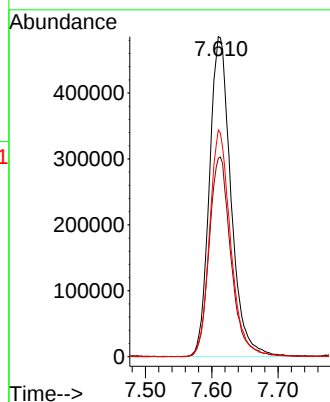
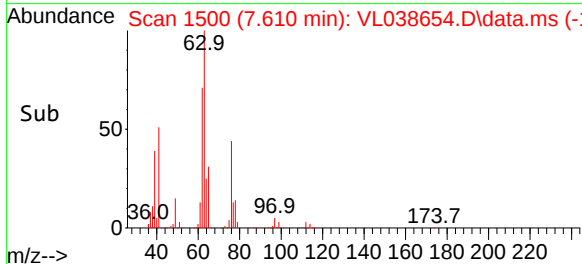


Tgt Ion: 63 Resp: 109404

Ion	Ratio	Lower	Upper
63	100		
41	61.9	49.0	73.6
62	70.8	53.9	80.9

Manual Integrations
APPROVED

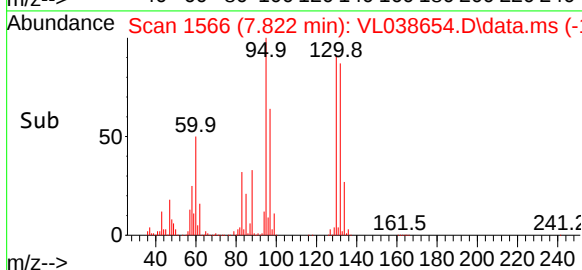
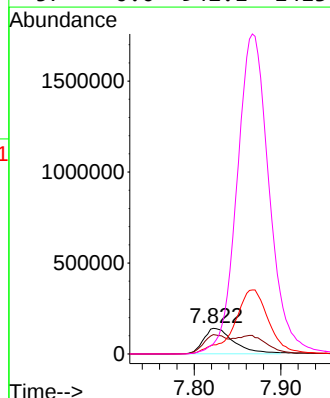
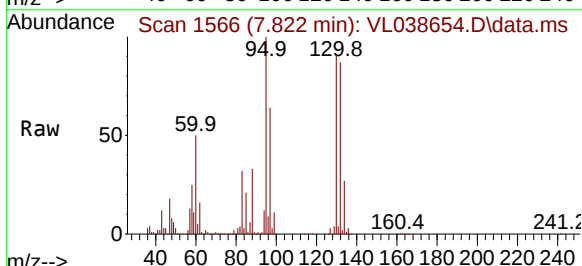
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

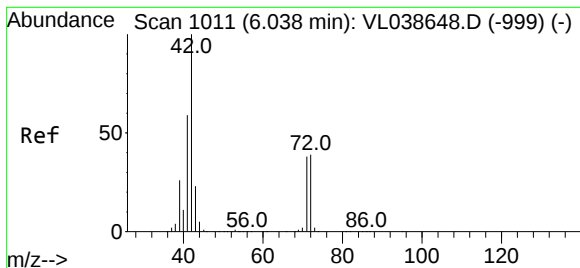


#40
1,4-Dioxane
Concen: 15.480 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 88 Resp: 341337

Ion	Ratio	Lower	Upper
88	100		
58	54.5	105.6	158.4#
43	0.0	201.9	302.9#
57	0.0	942.1	1413.1#





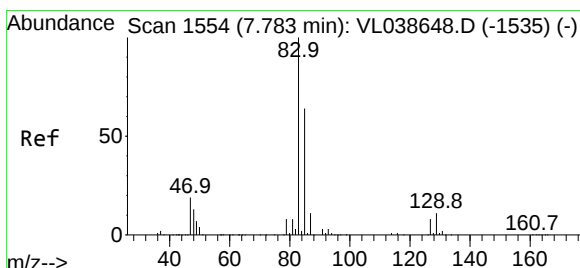
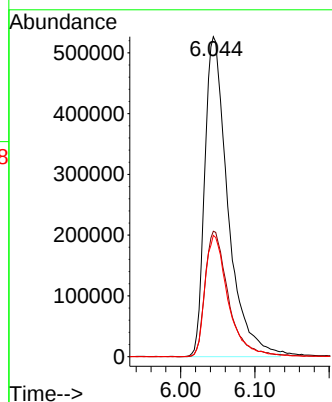
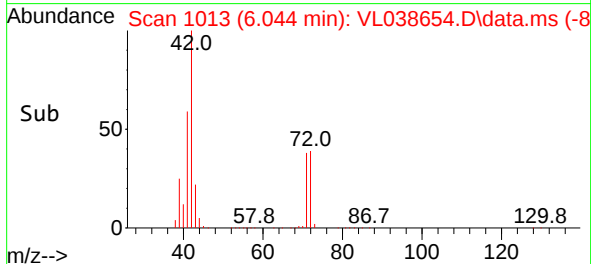
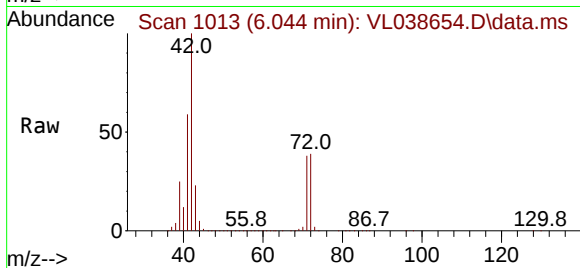
#41
Tetrahydrofuran
Concen: 21.225 ppbv
RT: 6.044 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 42 Resp: 114262
Ion Ratio Lower Upper
42 100
72 39.9 32.5 48.7
71 38.2 31.4 47.2

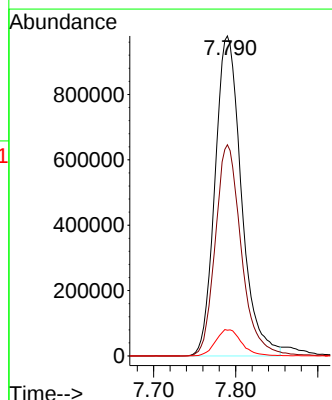
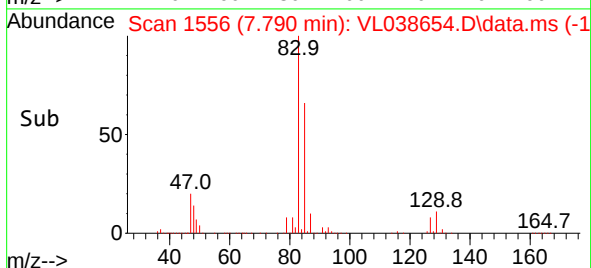
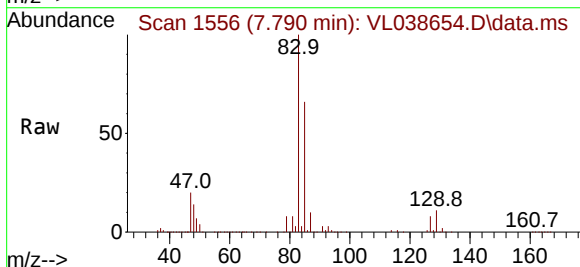
Manual Integrations
APPROVED

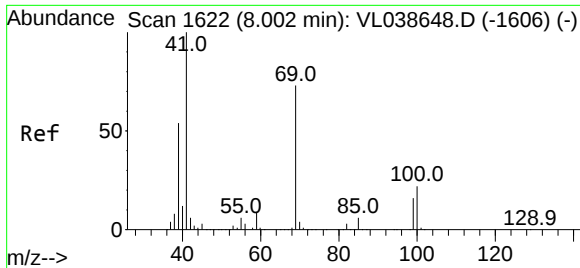
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#42
Bromodichloromethane
Concen: 12.635 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 83 Resp: 2193402
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7
127 8.1 6.5 9.7





#43
Methyl Methacrylate
Concen: 14.744 ppbv
RT: 8.012 min Scan# 115946
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

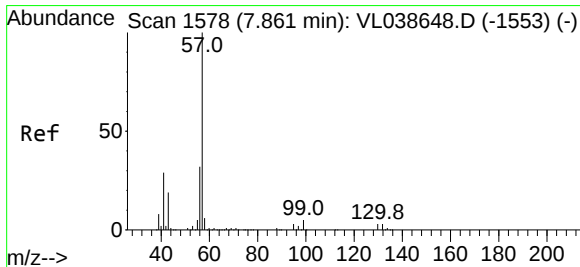
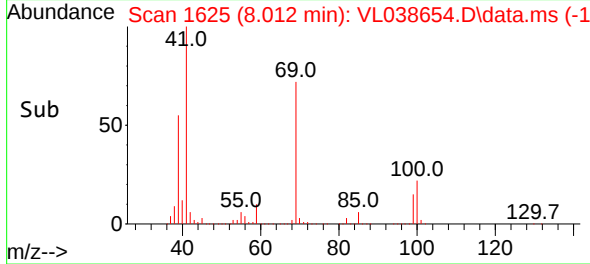
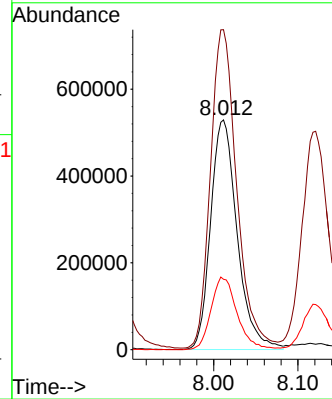
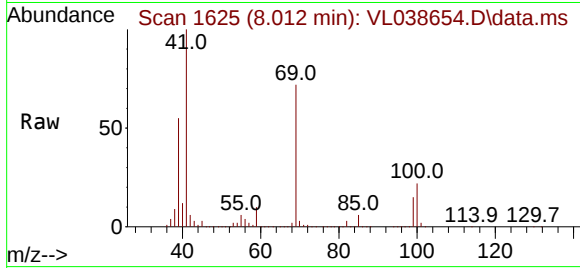
VSTDIC015

Tgt Ion: 69 Resp: 115946
Ion Ratio Lower Upper
69 100
41 138.8 110.3 165.5
100 31.1 24.8 37.2

Manual Integrations

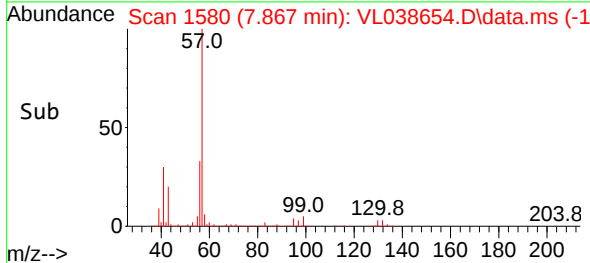
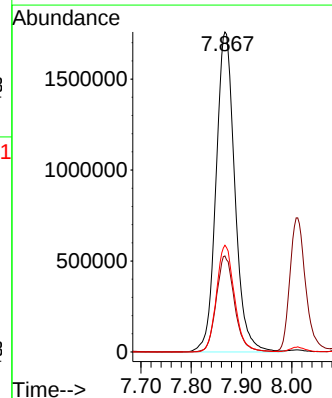
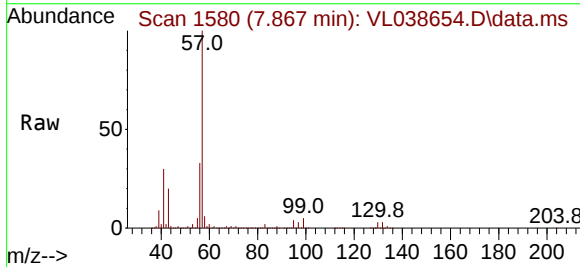
APPROVED

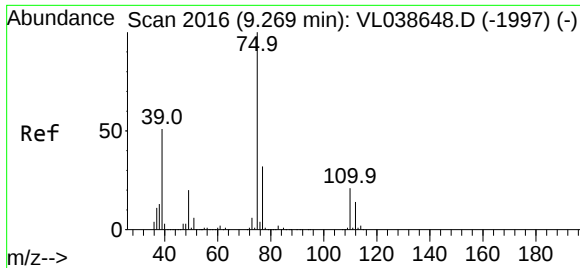
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#44
2,2,4-Trimethylpentane
Concen: 11.773 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

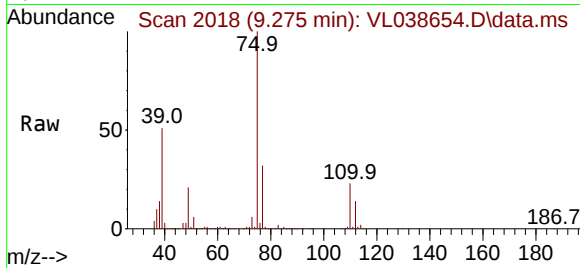
Tgt Ion: 57 Resp: 4560164
Ion Ratio Lower Upper
57 100
41 29.1 23.0 34.4
56 32.1 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 23.588 ppbv
 RT: 9.275 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

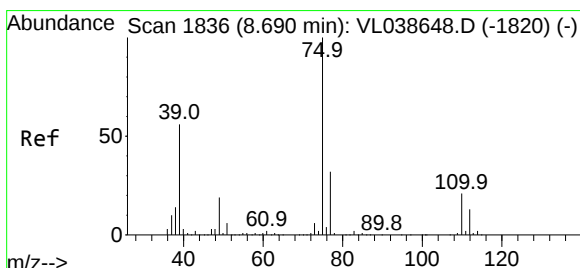
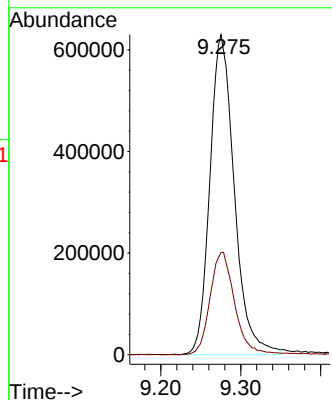
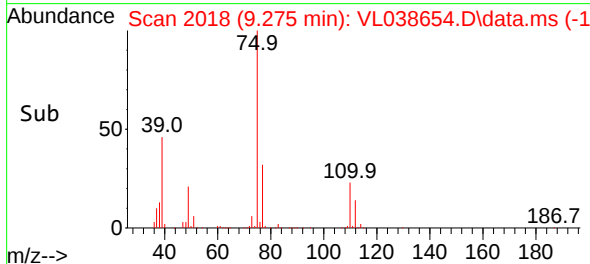
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion: 75 Resp: 133678
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3

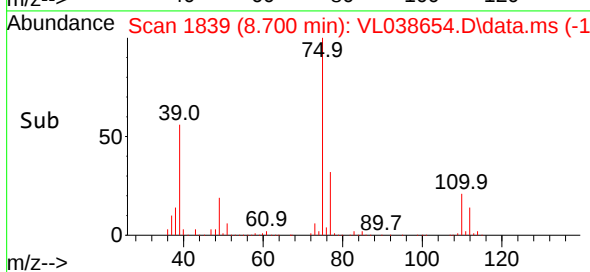
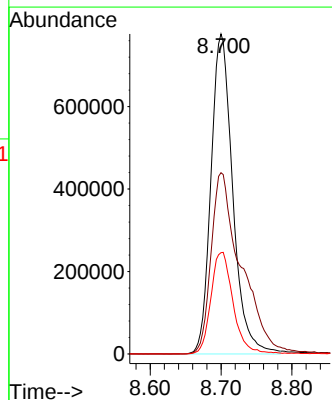
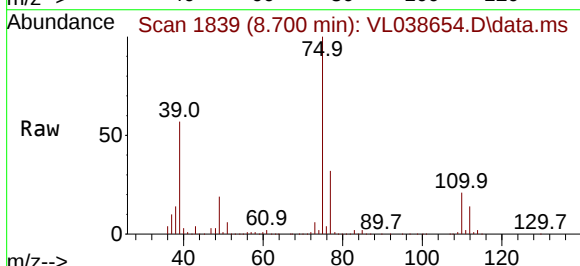
Manual Integrations
 APPROVED

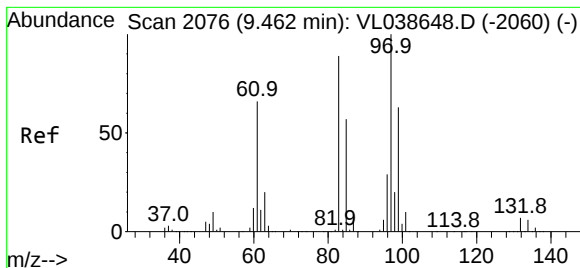
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#46
 cis-1,3-Dichloropropene
 Concen: 21.359 ppbv
 RT: 8.700 min Scan# 1839
 Delta R.T. 0.010 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Tgt Ion: 75 Resp: 1655133
 Ion Ratio Lower Upper
 75 100
 39 56.6 44.8 67.2
 77 31.6 25.4 38.0





#47

1,1,2-Trichloroethane

Concen: 13.090 ppbv

RT: 9.471 min Scan# 2076

Delta R.T. 0.010 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 97 Resp: 117543

Ion Ratio Lower Upper

97 100

83 91.7 71.2 106.8

85 58.5 45.3 67.9

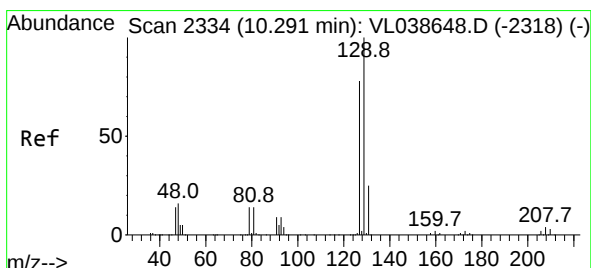
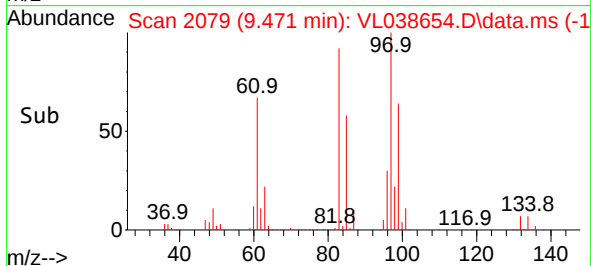
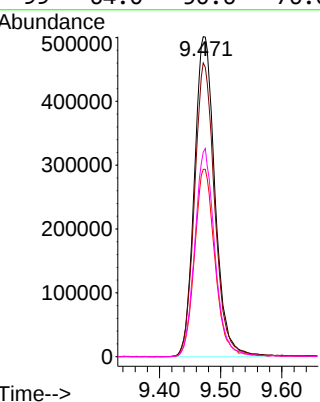
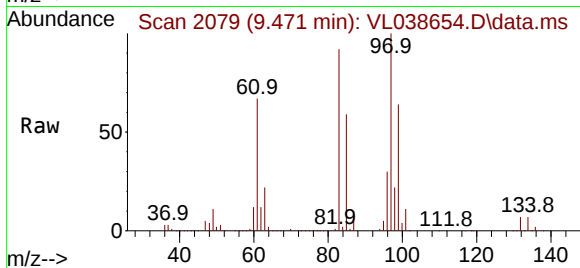
99 64.0 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#48

Dibromochloromethane

Concen: 14.169 ppbv

RT: 10.301 min Scan# 2337

Delta R.T. 0.010 min

Lab File: VL038654.D

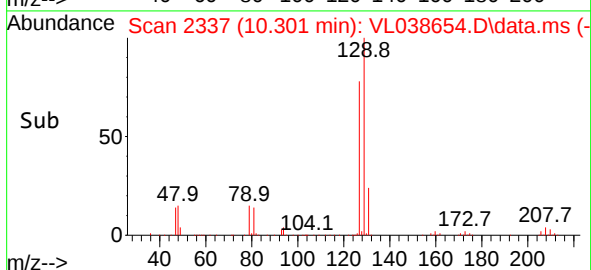
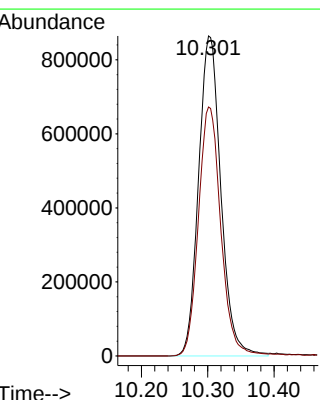
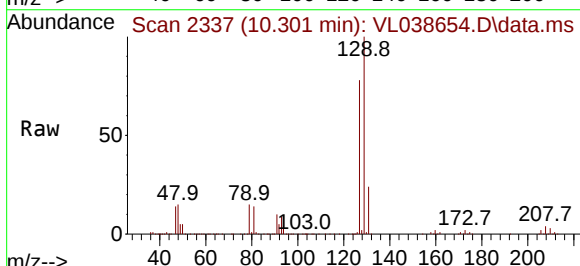
Acq: 21 Mar 2022 16:28

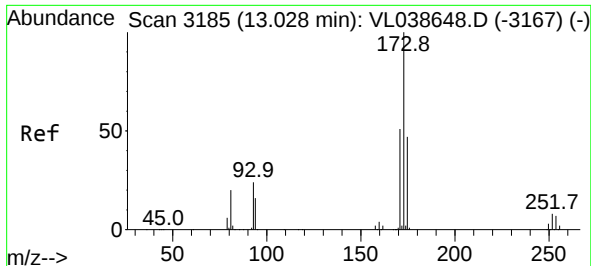
Tgt Ion:129 Resp: 2020126

Ion Ratio Lower Upper

129 100

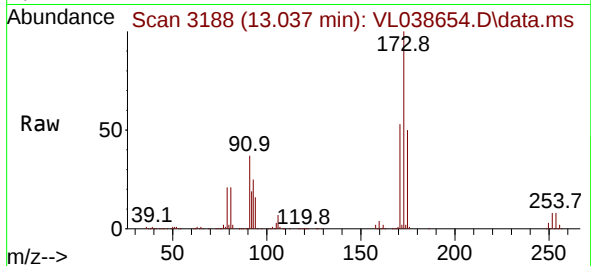
127 79.2 39.5 118.5





#49
Bromoform
Concen: 15.699 ppbv
RT: 13.037 min Scan# 3185
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

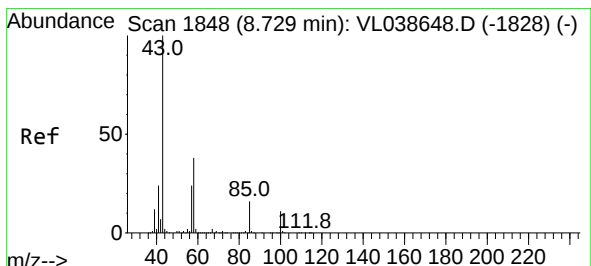
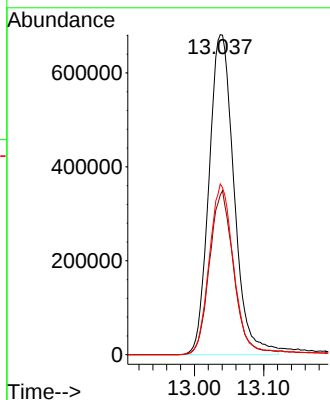
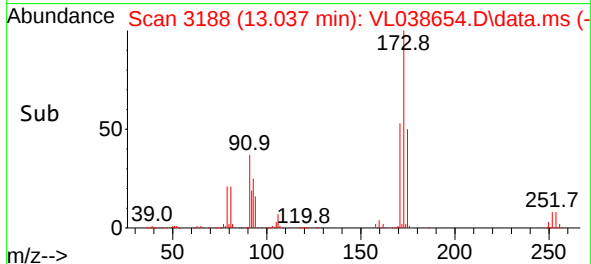
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



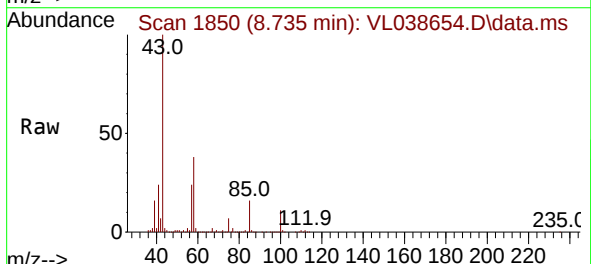
Tgt Ion:173 Resp: 1714380
Ion Ratio Lower Upper
173 100
175 51.1 41.0 61.6
171 53.8 43.1 64.7

Manual Integrations
APPROVED

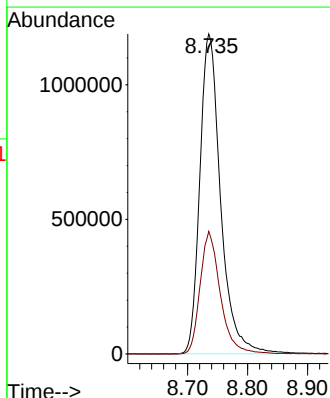
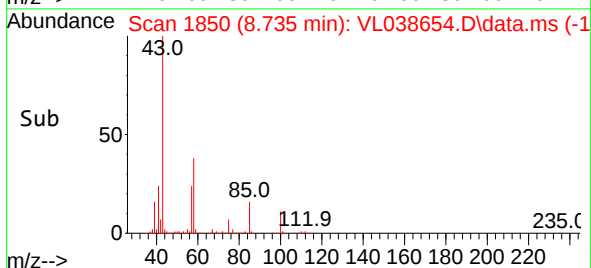
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

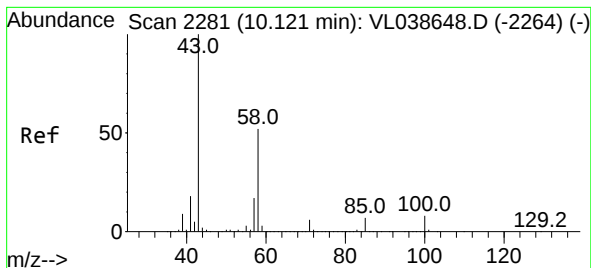


#50
4-Methyl-2-Pentanone
Concen: 21.239 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



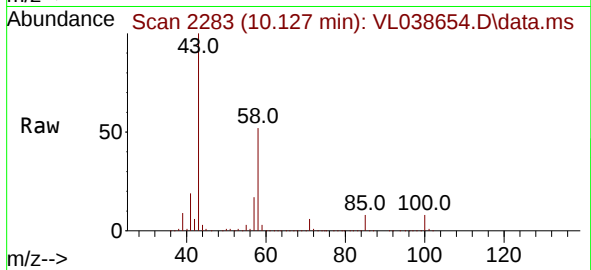
Tgt Ion: 43 Resp: 2864999
Ion Ratio Lower Upper
43 100
58 37.5 29.9 44.9





#51
2-Hexanone
Concen: 39.818 ppbv
RT: 10.127 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

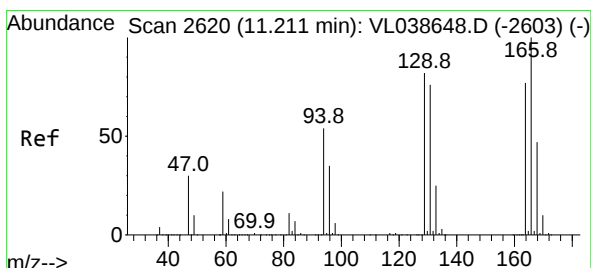
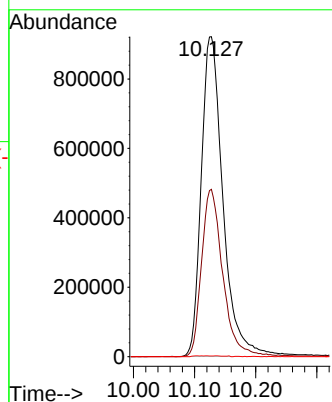
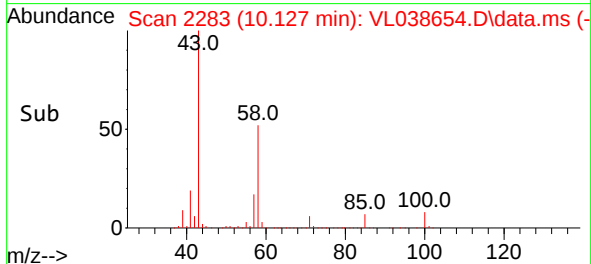
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 43 Resp: 226978
Ion Ratio Lower Upper
43 100
58 51.6 41.2 61.8
98 0.4 0.2 0.4

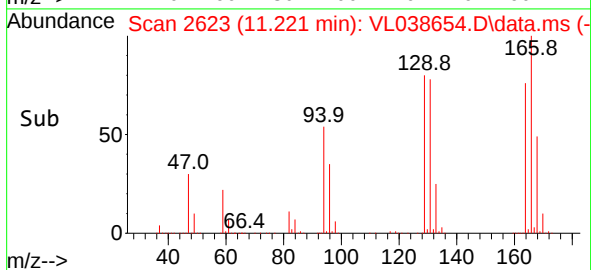
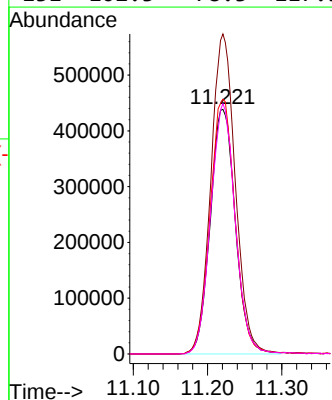
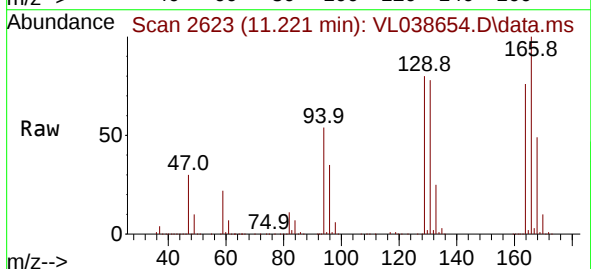
Manual Integrations
APPROVED

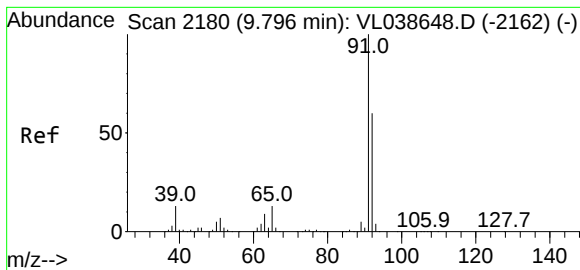
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#52
Tetrachloroethene
Concen: 12.216 ppbv
RT: 11.221 min Scan# 2623
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion:164 Resp: 1025772
Ion Ratio Lower Upper
164 100
166 130.7 103.3 154.9
129 104.0 85.2 127.8
131 102.3 78.3 117.5





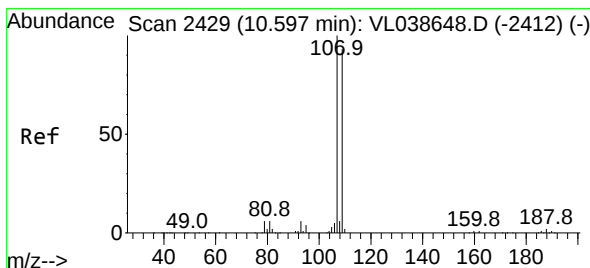
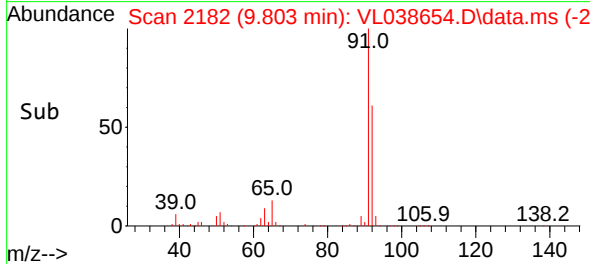
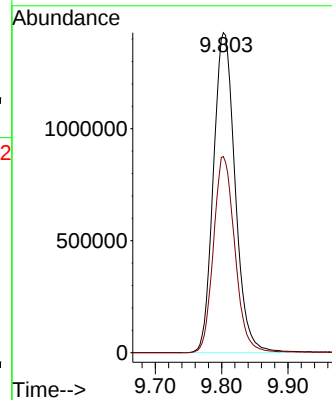
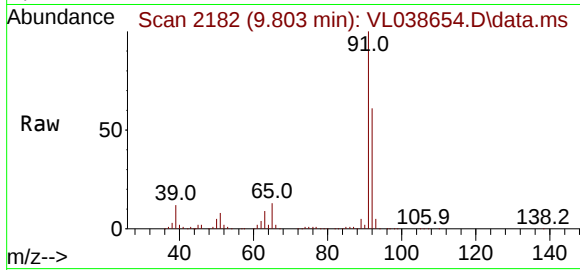
#53
Toluene
Concen: 13.289 ppbv
RT: 9.803 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 3249714
Ion Ratio Lower Upper
91 100
92 60.7 48.7 73.1

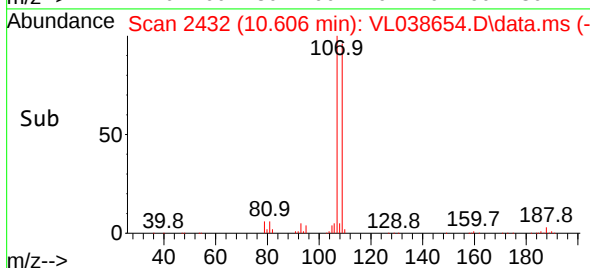
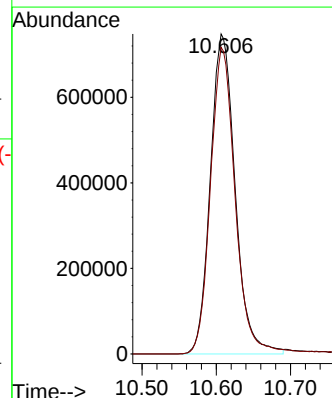
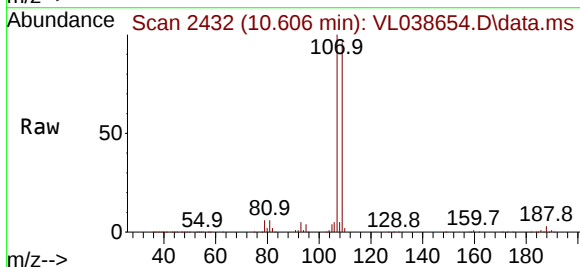
Manual Integrations
APPROVED

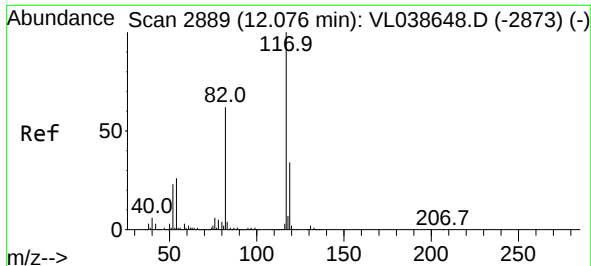
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#54
1,2-Dibromoethane
Concen: 13.524 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

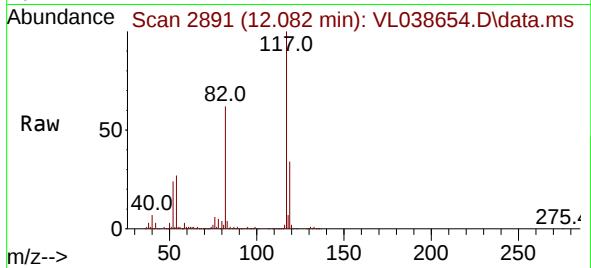
Tgt Ion:107 Resp: 1735224
Ion Ratio Lower Upper
107 100
109 95.7 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.082 min Scan# 2889
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

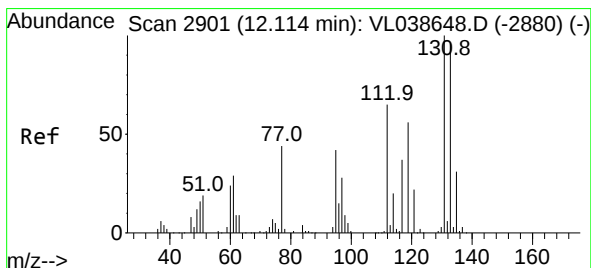
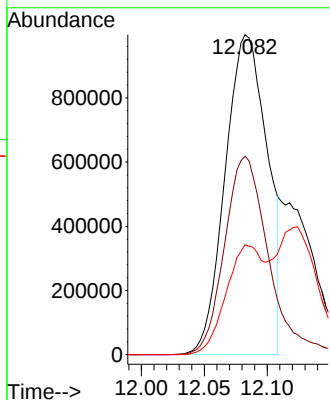
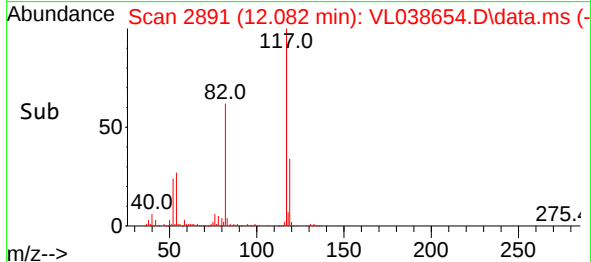
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



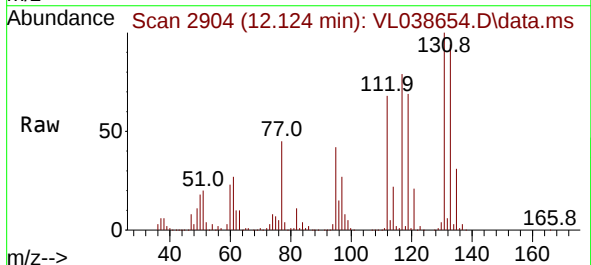
Tgt Ion:117 Resp: 2318250
Ion Ratio Lower Upper
117 100
82 67.1 51.6 77.4
119 29.9 26.9 40.3

Manual Integrations
APPROVED

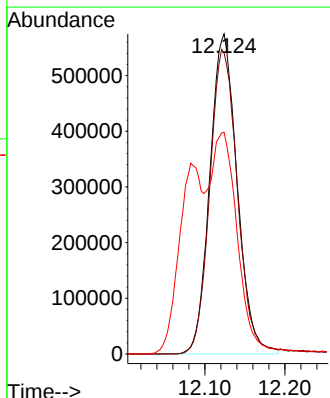
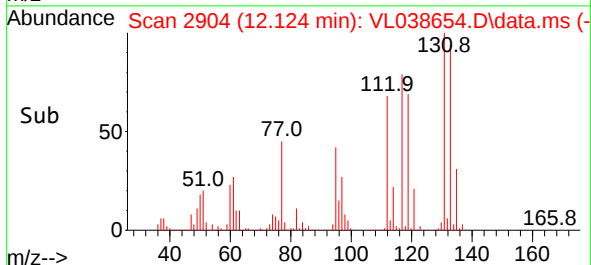
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

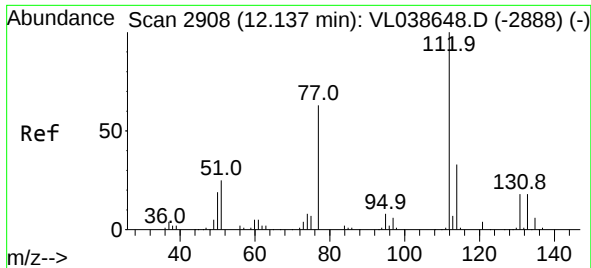


#56
1,1,1,2-Tetrachloroethane
Concen: 14.444 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



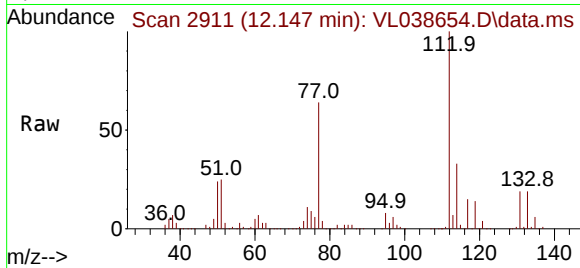
Tgt Ion:131 Resp: 1363870
Ion Ratio Lower Upper
131 100
133 98.4 77.3 115.9
119 125.1 53.0 79.6#





#57
Chlorobenzene
Concen: 13.386 ppbv
RT: 12.147 min Scan# 2908
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

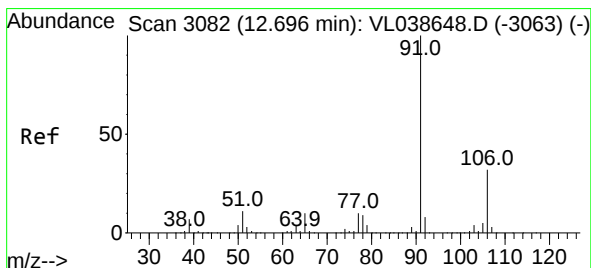
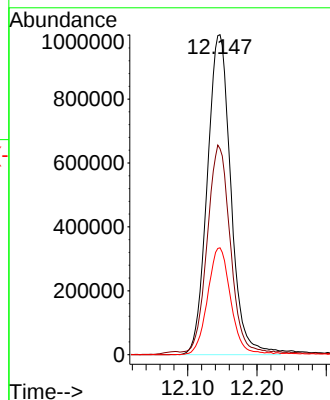
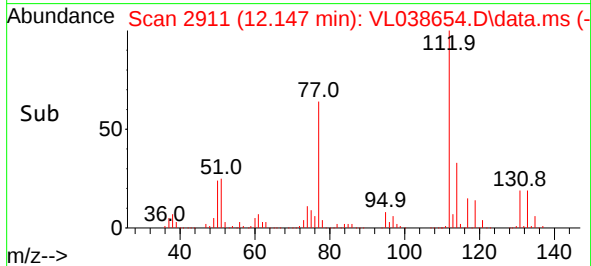
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 112 Resp: 236914
Ion Ratio Lower Upper
112 100
77 63.5 51.0 76.6
114 33.4 29.8 36.4

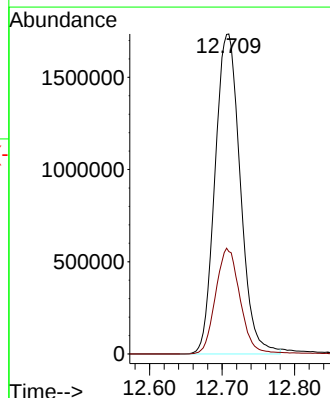
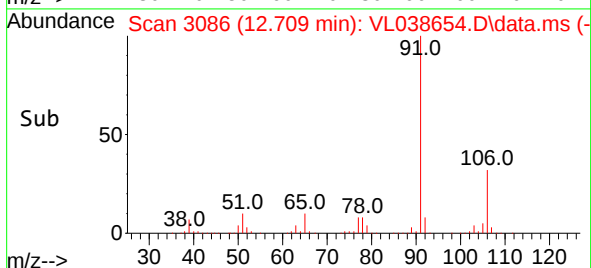
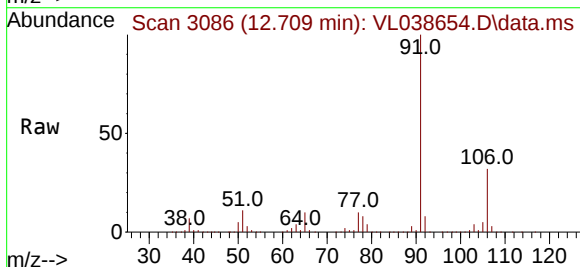
Manual Integrations
APPROVED

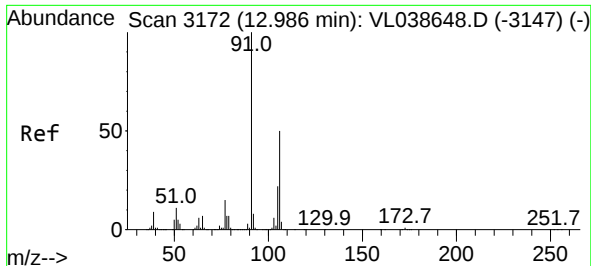
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#58
Ethyl Benzene
Concen: 13.980 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. 0.013 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion: 91 Resp: 4196158
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0





#59

m/p-Xylene

Concen: 27.072 ppbv m

RT: 12.995 min Scan# 3175

Delta R.T. 0.010 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 6956480

Ion Ratio Lower Upper

91 100

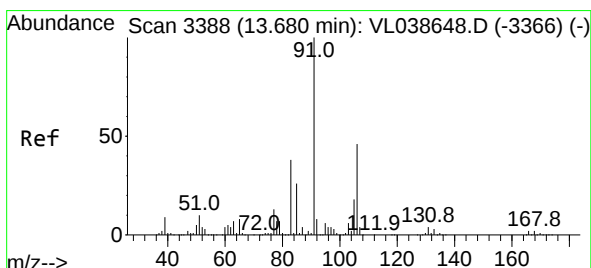
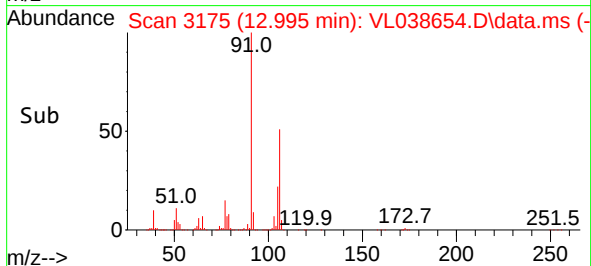
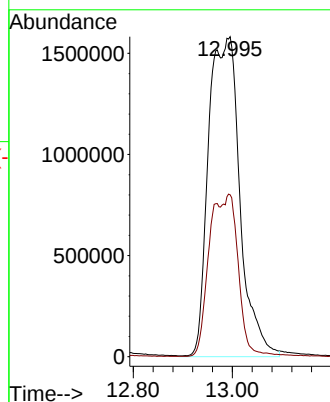
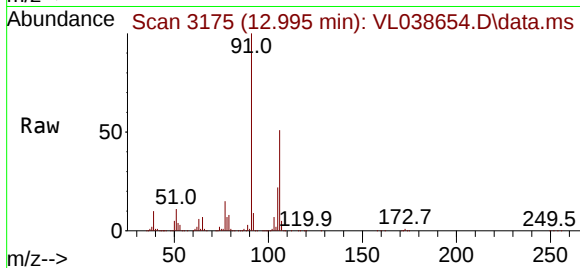
106 47.2 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#60

o-Xylene

Concen: 13.829 ppbv

RT: 13.690 min Scan# 3391

Delta R.T. 0.010 min

Lab File: VL038654.D

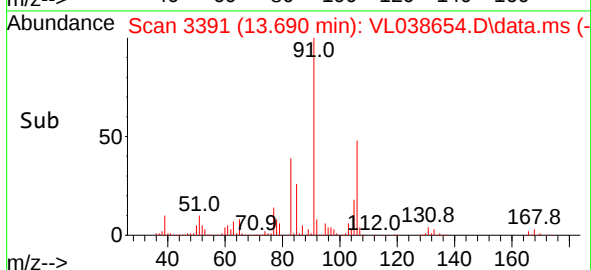
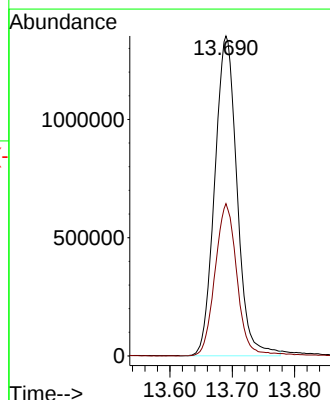
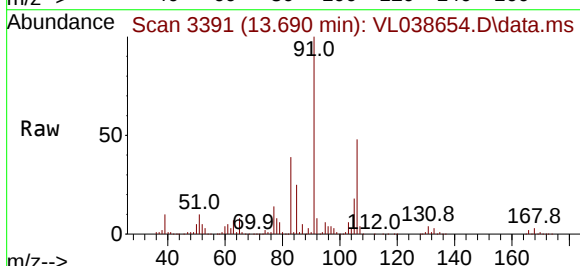
Acq: 21 Mar 2022 16:28

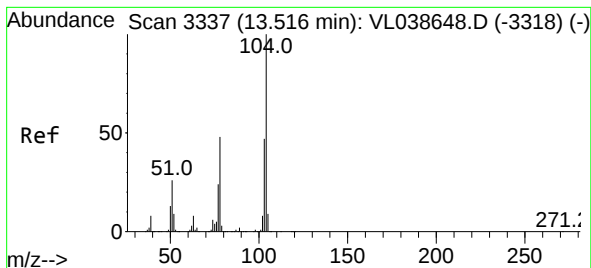
Tgt Ion: 91 Resp: 3355432

Ion Ratio Lower Upper

91 100

106 47.5 23.5 70.5





#61

Styrene

Concen: 17.995 ppbv

RT: 13.523 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:104 Resp: 2151610

Ion Ratio Lower Upper

104 100

78 48.5 39.0 58.4

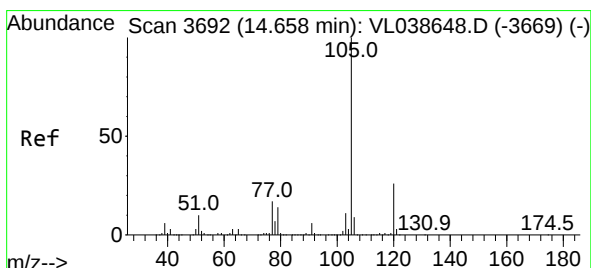
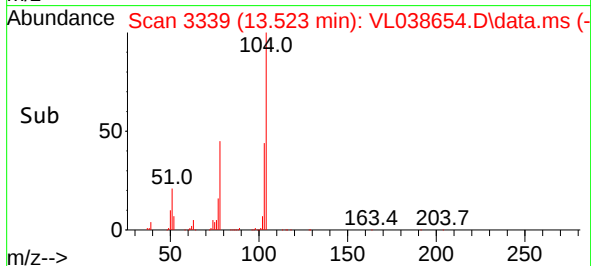
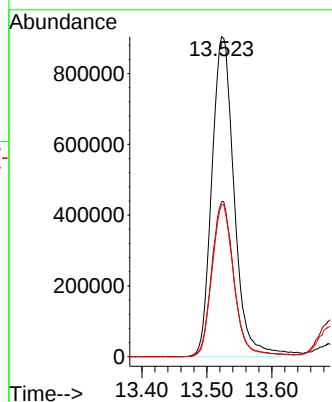
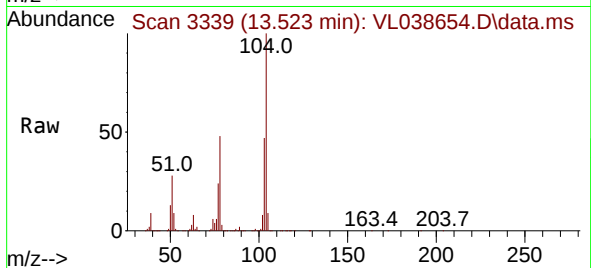
103 47.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#62

Isopropylbenzene

Concen: 14.784 ppbv

RT: 14.664 min Scan# 3694

Delta R.T. 0.006 min

Lab File: VL038654.D

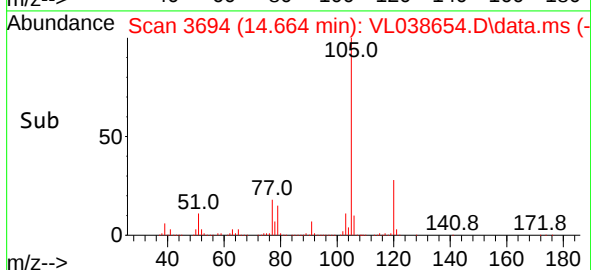
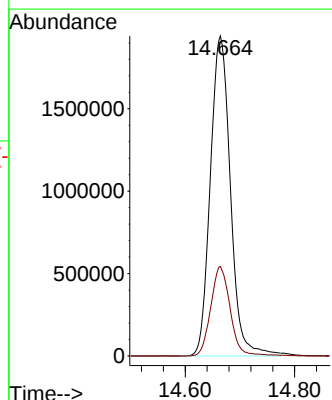
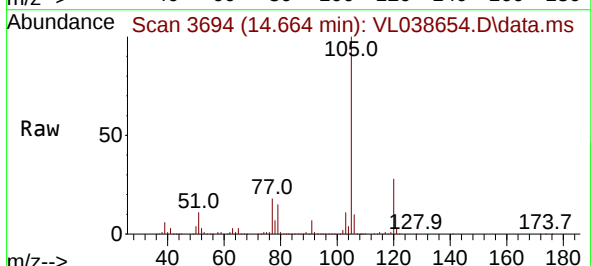
Acq: 21 Mar 2022 16:28

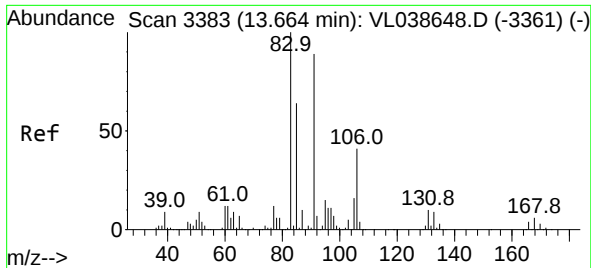
Tgt Ion:105 Resp: 4949854

Ion Ratio Lower Upper

105 100

120 27.1 21.2 31.8





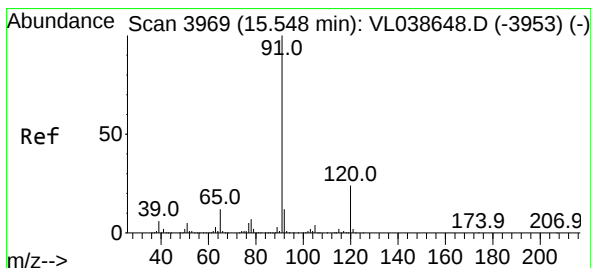
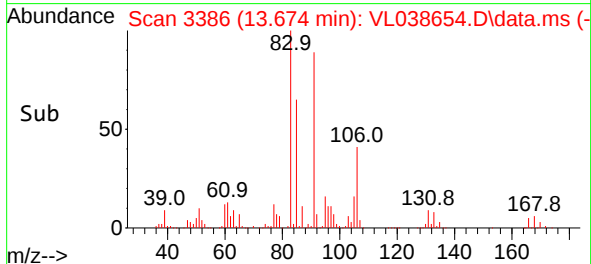
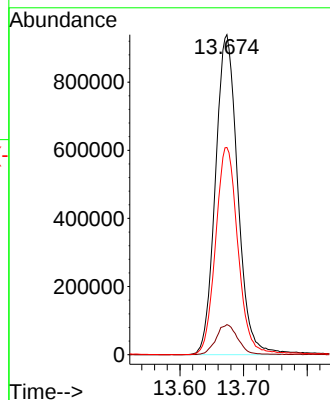
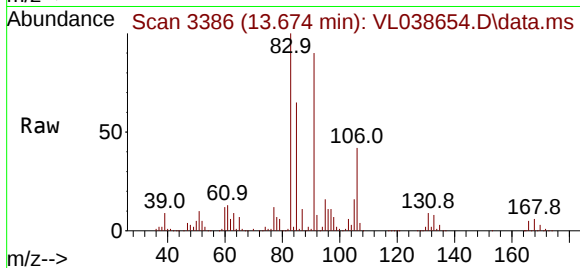
#63
1,1,2,2-Tetrachloroethane
Concen: 11.124 ppbv
RT: 13.674 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 83 Resp: 228067
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 65.9 32.6 97.8

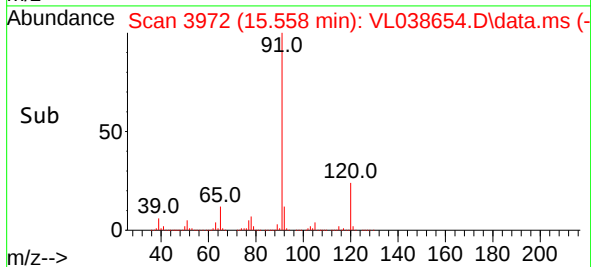
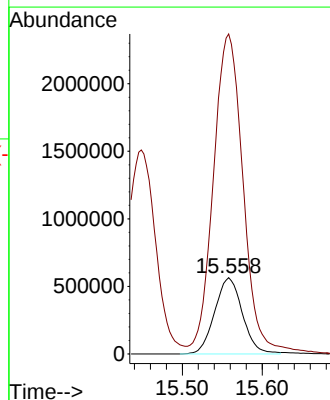
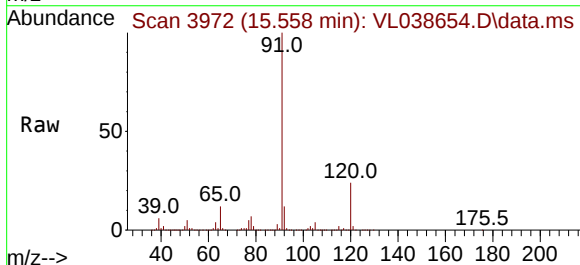
Manual Integrations
APPROVED

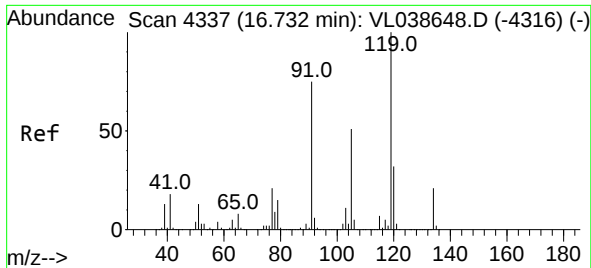
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#64
n-propylbenzene
Concen: 15.887 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

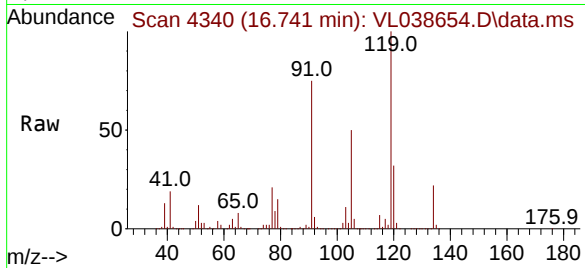
Tgt Ion:120 Resp: 1355564
Ion Ratio Lower Upper
120 100
91 454.3 368.0 552.0





#65
tert-Butylbenzene
Concen: 14.489 ppbv
RT: 16.741 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

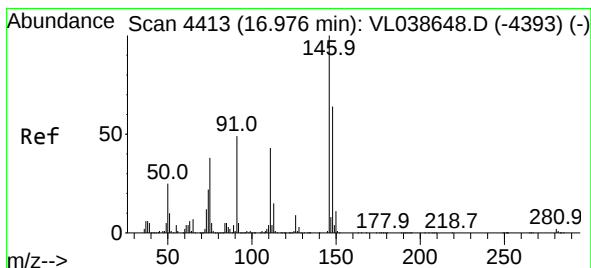
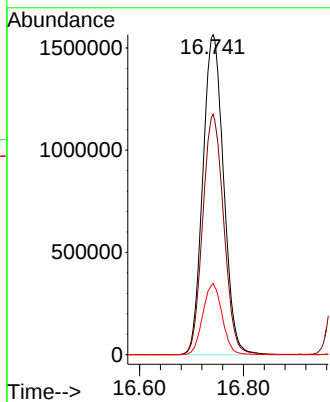
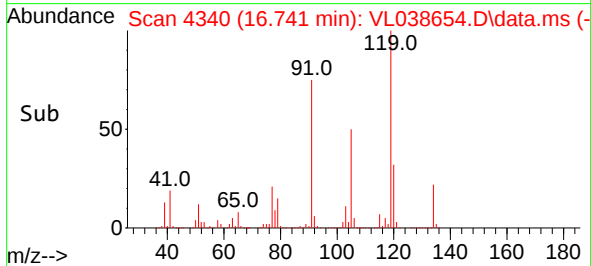
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



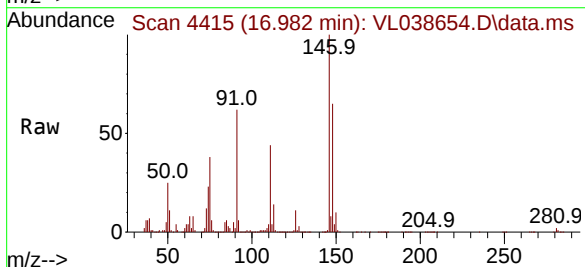
Tgt Ion:119 Resp: 433808
Ion Ratio Lower Upper
119 100
91 75.9 61.2 91.8
134 20.7 16.3 24.5

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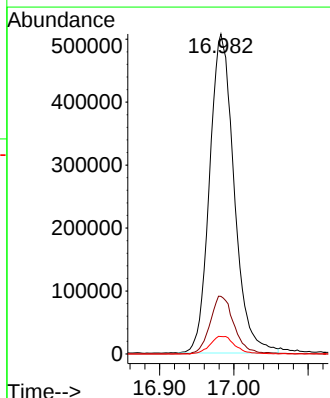
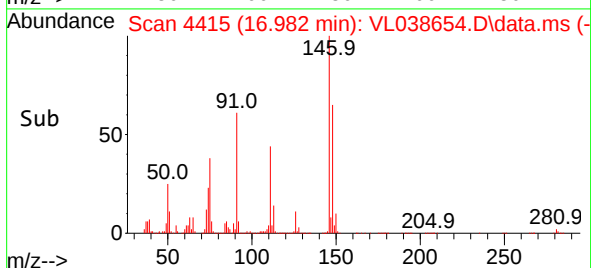
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

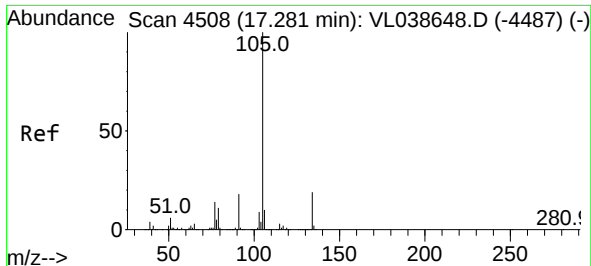


#66
Benzyl Chloride
Concen: 65.715 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



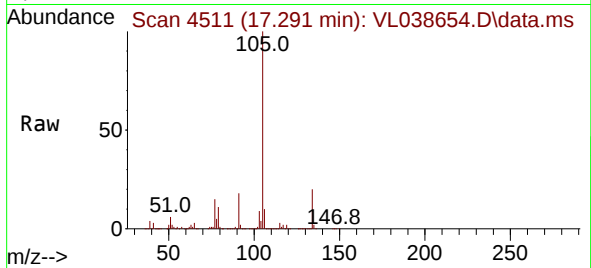
Tgt Ion: 91 Resp: 1165836
Ion Ratio Lower Upper
91 100
126 17.8 14.3 21.5
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 14.634 ppbv
 RT: 17.291 min Scan# 411
 Delta R.T. 0.010 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

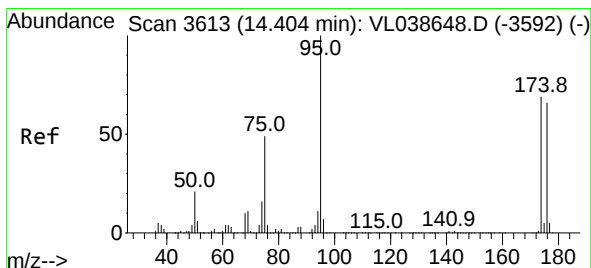
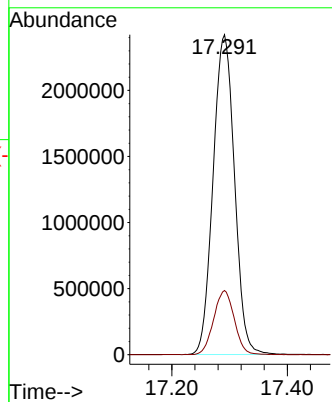
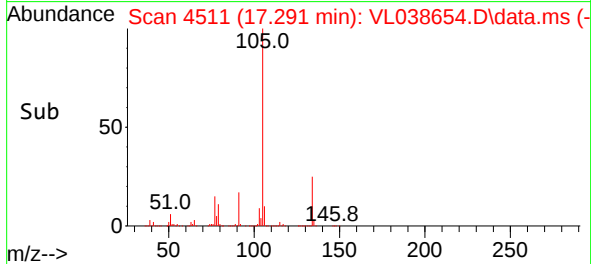
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:105 Resp: 6227259
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.1 22.7

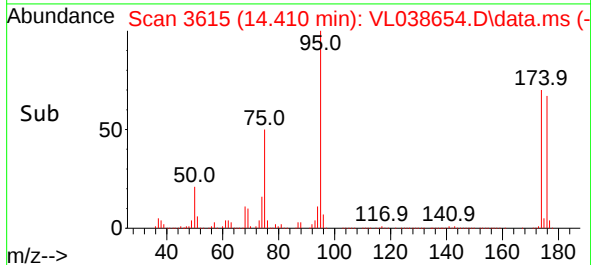
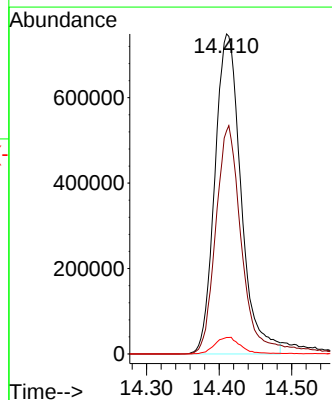
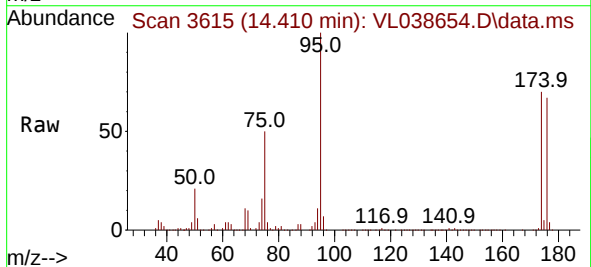
Manual Integrations
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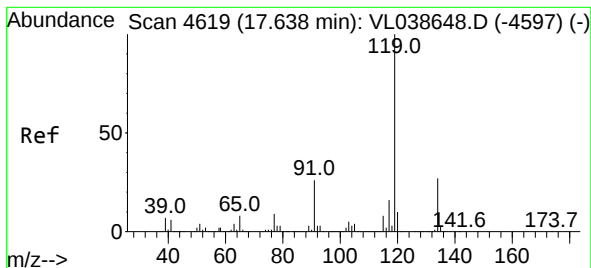
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.671 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.006 min
 Lab File: VL038654.D
 Acq: 21 Mar 2022 16:28

Tgt Ion: 95 Resp: 1880728
 Ion Ratio Lower Upper
 95 100
 174 72.0 56.1 84.1
 175 5.4 4.2 6.2





#69

p-Isopropyltoluene

Concen: 14.842 ppbv

RT: 17.648 min Scan# 401

Delta R.T. 0.010 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:119 Resp: 523235

Ion Ratio Lower Upper

119 100

134 27.0 21.2 31.8

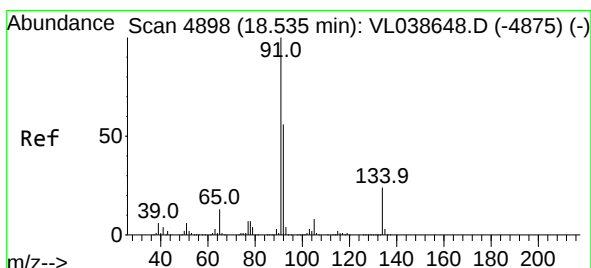
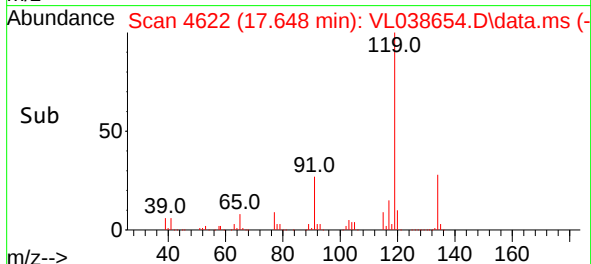
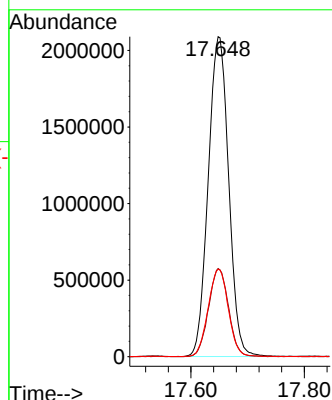
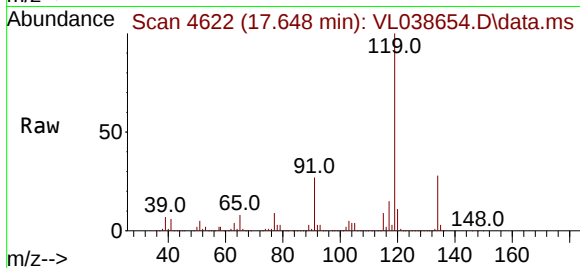
91 26.9 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#70

n-Butylbenzene

Concen: 14.587 ppbv

RT: 18.545 min Scan# 4901

Delta R.T. 0.010 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

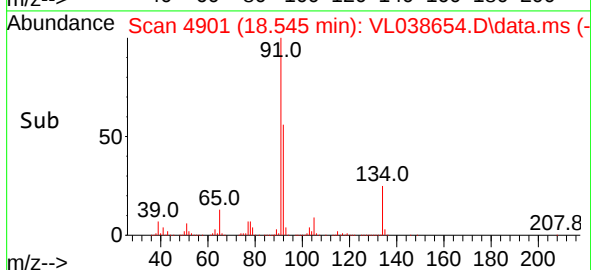
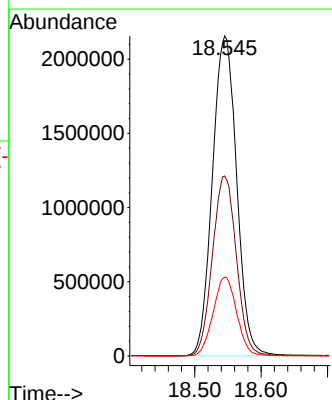
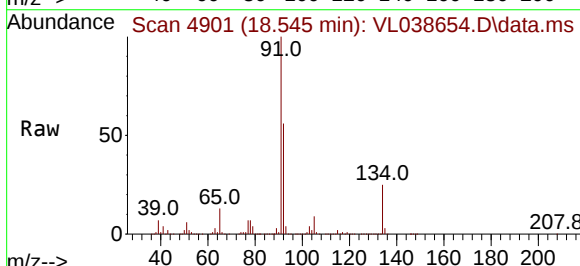
Tgt Ion: 91 Resp: 5476609

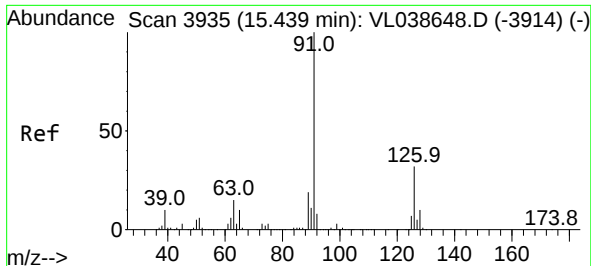
Ion Ratio Lower Upper

91 100

92 56.0 43.9 65.9

134 24.1 18.7 28.1





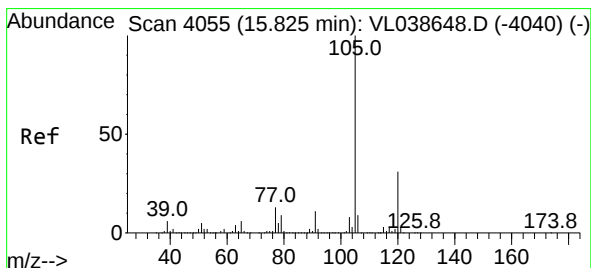
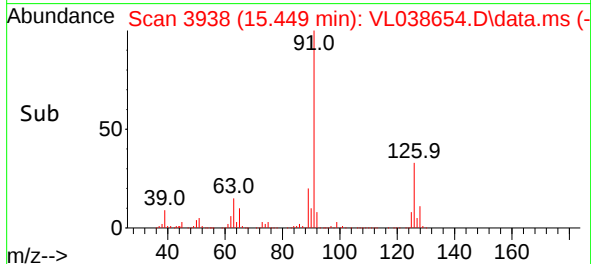
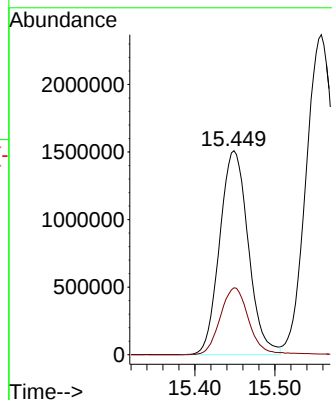
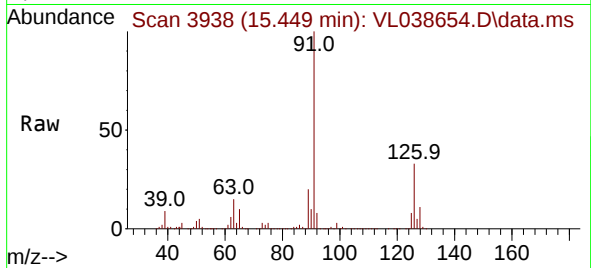
#71
2-Chlorotoluene
Concen: 15.127 ppbv
RT: 15.449 min Scan# 3935
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 376035
Ion Ratio Lower Upper
91 100
126 33.2 13.1 52.3

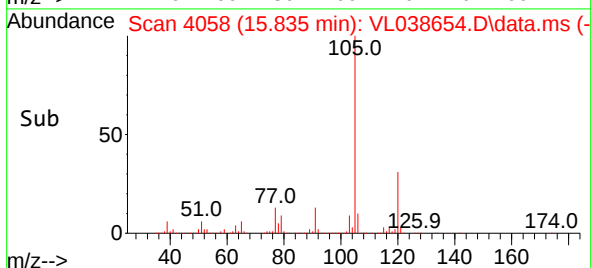
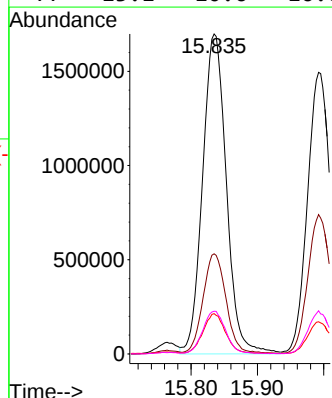
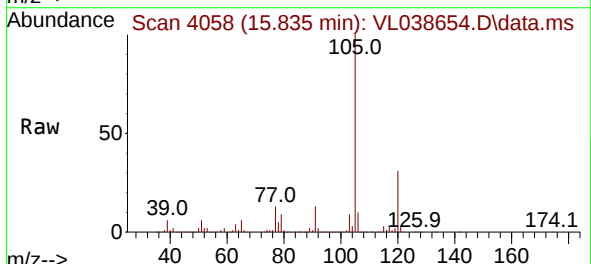
Manual Integrations
APPROVED

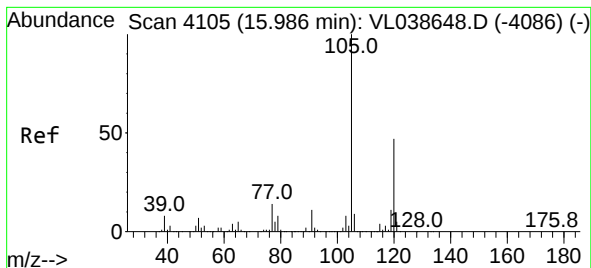
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#72
4-Ethyltoluene
Concen: 15.195 ppbv
RT: 15.835 min Scan# 4058
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Tgt Ion:105 Resp: 4235114
Ion Ratio Lower Upper
105 100
120 30.6 24.9 37.3
91 11.8 9.8 14.6
77 13.1 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 14.342 ppbv

RT: 15.992 min Scan# 4105

Delta R.T. 0.006 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:105 Resp: 371085

Ion Ratio Lower Upper

105 100

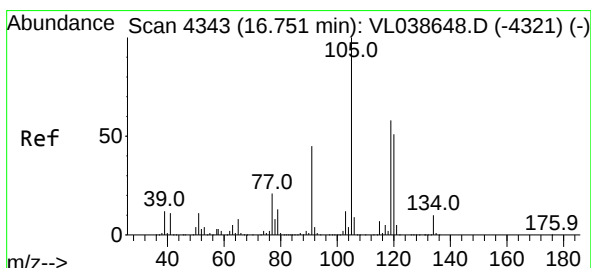
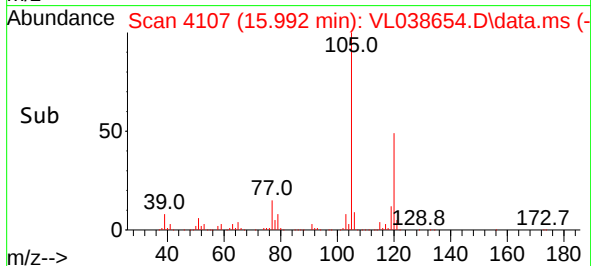
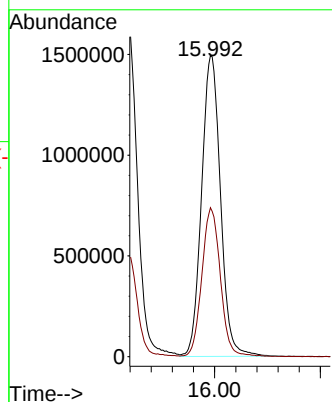
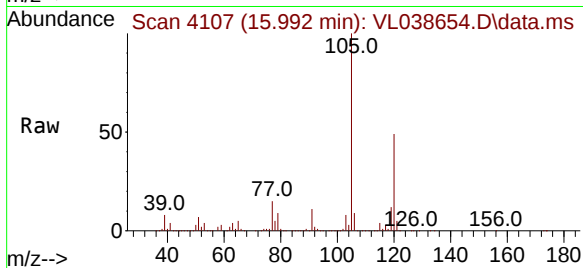
120 49.5 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#74

1,2,4-Trimethylbenzene

Concen: 13.765 ppbv

RT: 16.761 min Scan# 4346

Delta R.T. 0.010 min

Lab File: VL038654.D

Acq: 21 Mar 2022 16:28

Tgt Ion:105 Resp: 3804607

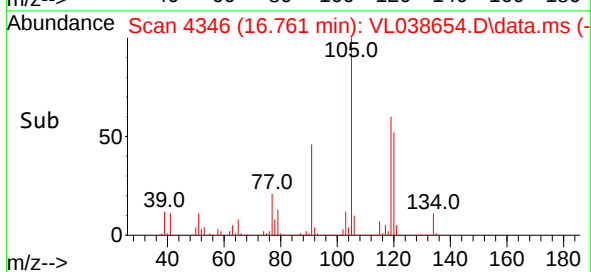
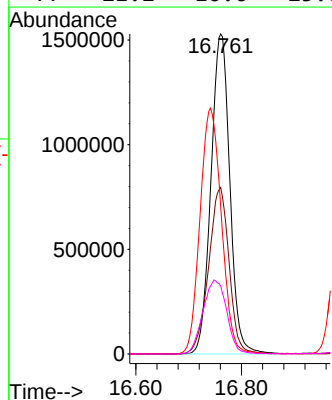
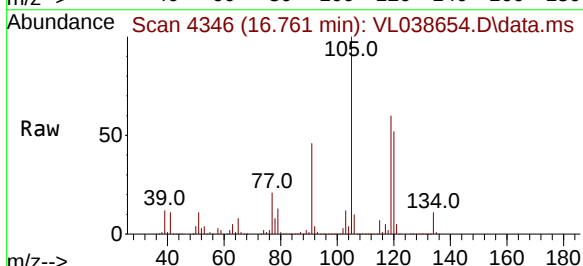
Ion Ratio Lower Upper

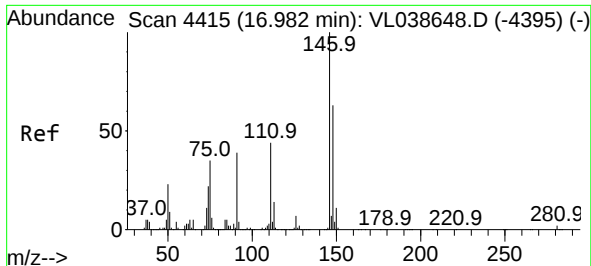
105 100

120 52.0 40.5 60.7

91 45.9 35.9 53.9

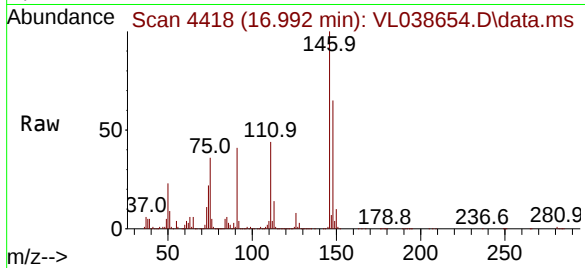
77 21.2 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 14.144 ppbv
RT: 16.992 min Scan# 4415
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

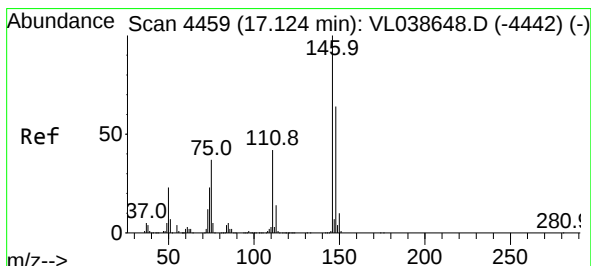
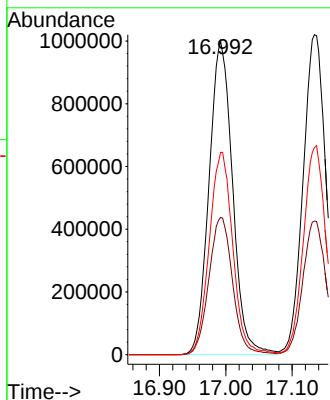
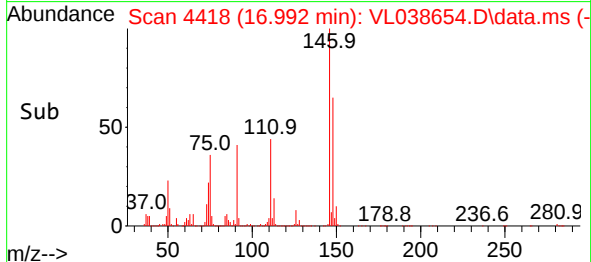
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



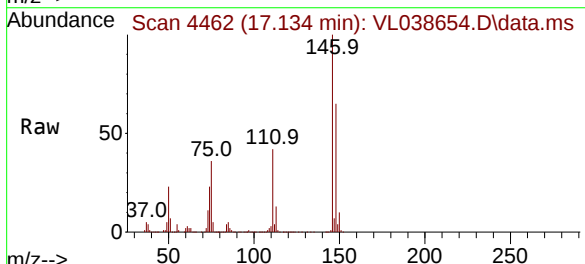
Tgt Ion:146 Resp: 2466494
Ion Ratio Lower Upper
146 100
111 44.1 22.2 66.6
148 64.6 32.5 97.5

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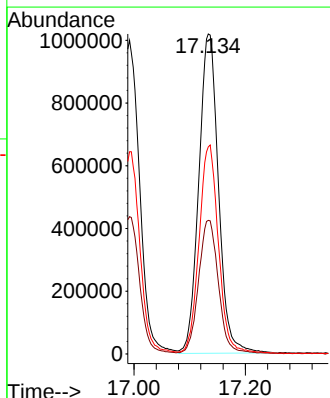
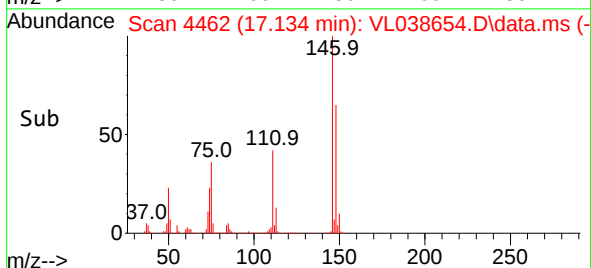
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

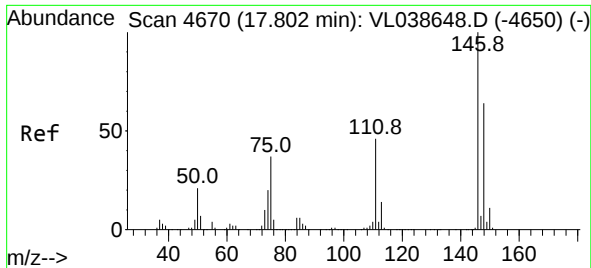


#76
1,4-Dichlorobenzene
Concen: 14.459 ppbv
RT: 17.134 min Scan# 4462
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



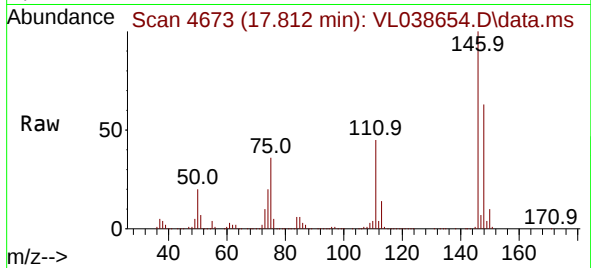
Tgt Ion:146 Resp: 2497572
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.9 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 13.865 ppbv
RT: 17.812 min Scan# 401
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

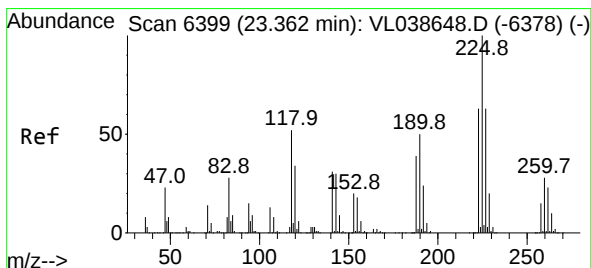
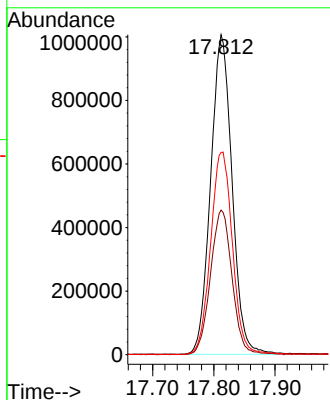
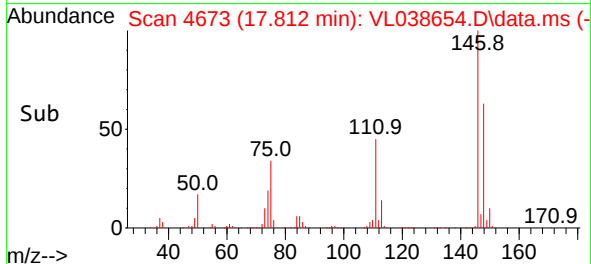
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



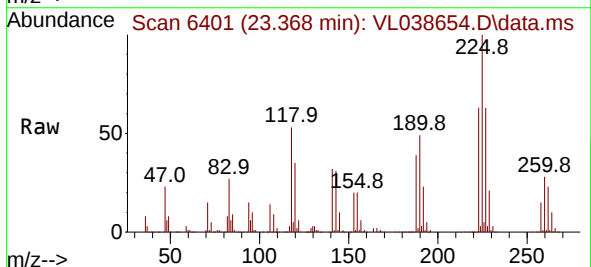
Tgt Ion:146 Resp: 244616
Ion Ratio Lower Upper
146 100
111 45.9 22.8 68.4
148 64.8 32.5 97.4

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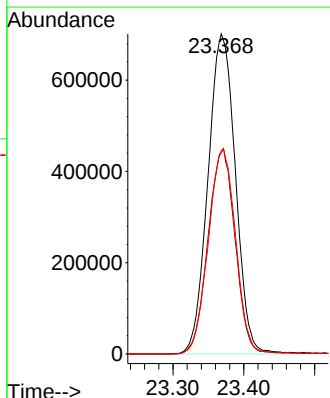
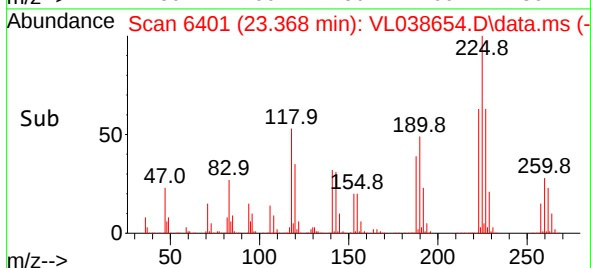
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

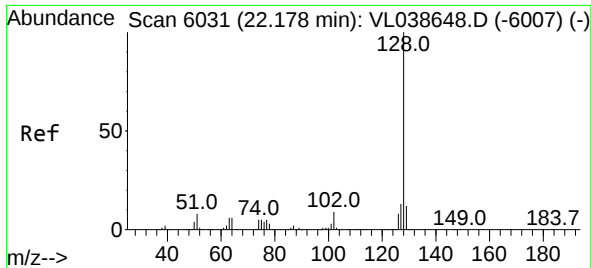


#78
Hexachloro-1,3-Butadiene
Concen: 10.960 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. 0.006 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



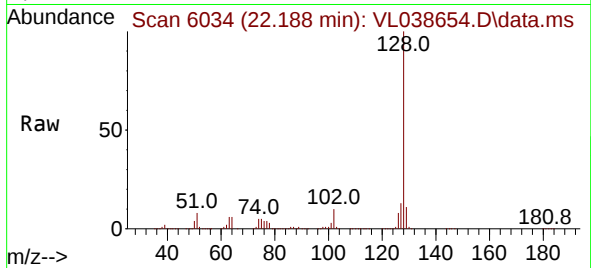
Tgt Ion:225 Resp: 1886146
Ion Ratio Lower Upper
225 100
223 63.6 51.0 76.6
227 64.3 51.5 77.3





#79
Naphthalene
Concen: 15.455 ppbv
RT: 22.188 min Scan# 6031
Delta R.T. 0.010 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

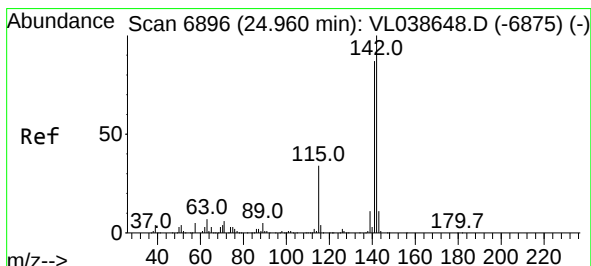
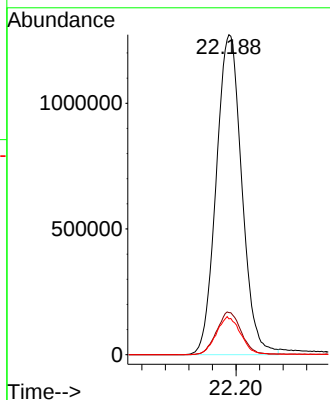
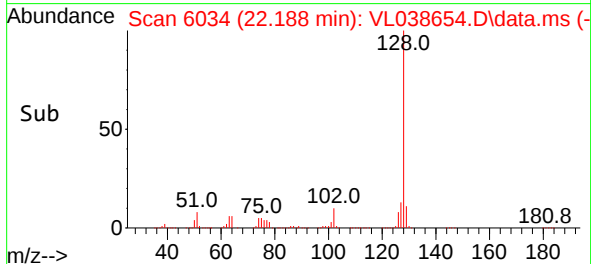
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



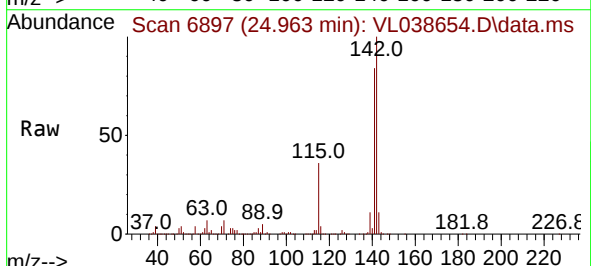
Tgt Ion:128 Resp: 384279
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.2 9.2 13.8

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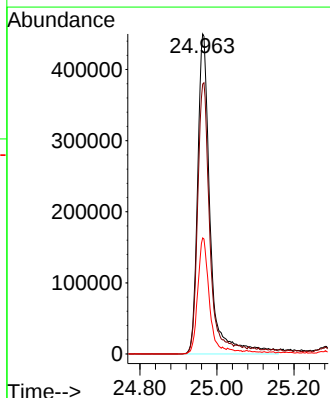
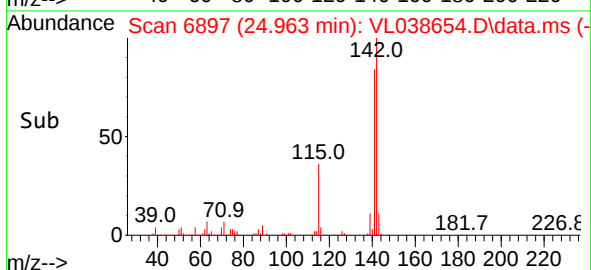
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

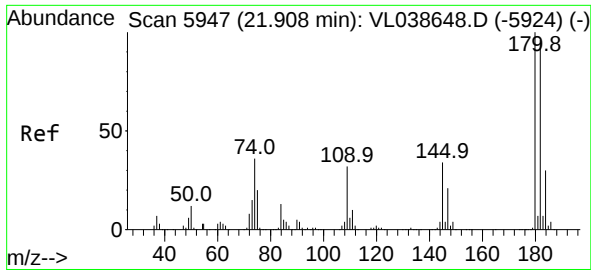


#80
Naphthalene,2-methyl-
Concen: 23.389 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. 0.003 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28



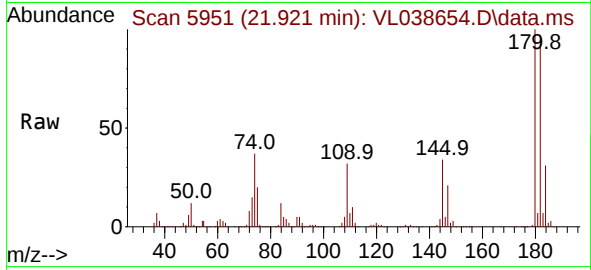
Tgt Ion:142 Resp: 1026520
Ion Ratio Lower Upper
142 100
141 87.2 66.4 99.6
115 36.5 27.8 41.6





#81
1,2,4-Trichlorobenzene
Concen: 13.737 ppbv
RT: 21.921 min Scan# 5947
Delta R.T. 0.013 min
Lab File: VL038654.D
Acq: 21 Mar 2022 16:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:180 Resp: 2182528
Ion Ratio Lower Upper
180 100
182 98.2 79.2 118.8
184 31.6 24.8 37.2

Manual Integrations
APPROVED

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

