

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038591.D
 Acq On : 14 Mar 2022 9:35
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 01:34:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 15 01:34:08 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	841291	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2265630	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.050	117	2127425m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.378 95 1645795 10.175 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.037	85	1247292	9.816	ppbv	99
3) Chlorodifluoromethane	2.980	51	1463745	9.867	ppbv	99
4) Chloromethane	3.127	50	579463	10.538	ppbv	98
5) Vinyl Chloride	3.246	62	557798	10.106	ppbv	99
6) Bromomethane	3.459	94	319304	10.778	ppbv	97
7) Chloroethane	3.542	64	182066	10.188	ppbv	99
8) Dichlorotetrafluoroethane	3.176	85	1278751	10.381	ppbv	99
9) Propene	3.002	41	515849	9.855	ppbv	99
10) Heptane	8.092	43	1336812	10.676	ppbv	98
11) Trichlorofluoromethane	3.931	101	1178054	10.574	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.465	101	962450	11.111	ppbv	99
13) Ethanol	3.587	45	56231	9.352	ppbv	96
14) Bromoethene	3.726	108	414179	11.222	ppbv	99
15) Acetone	3.832	43	679561	11.452	ppbv	97
16) 1,3-Butadiene	3.314	39	499476	10.475	ppbv	96
17) tert-Butyl alcohol	4.266	59	739610	11.472	ppbv	100
18) 1,1-Dichloroethene	4.269	96	426388	10.999	ppbv	99
19) Isopropyl Alcohol	3.944	45	410270	10.354	ppbv	99
20) Methylene Chloride	4.324	84	351402	9.840	ppbv	99
21) Allyl Chloride	4.391	41	647380	11.319	ppbv	98
22) trans-1,2-Dichloroethene	4.864	96	450024	11.074	ppbv	97
23) Vinyl Acetate	5.047	43	1051407	12.360	ppbv	99
24) 1,1-Dichloroethane	4.989	63	879790	11.372	ppbv	99
25) Ethyl Acetate	5.648	43	2073235	10.374	ppbv	100
26) Hexane	5.661	57	973332	10.371	ppbv	99
27) Carbon Disulfide	4.529	76	1142072	12.218	ppbv	98
28) Methyl tert-Butyl Ether	5.012	73	843811	11.047	ppbv	99
29) Chloroform	5.725	83	1500134	10.271	ppbv	100
30) Cyclohexane	7.102	84	839929	10.348	ppbv	99
31) cis-1,2-Dichloroethene	5.523	61	814096	9.068	ppbv	97
32) 1,1,1-Trichloroethane	6.484	97	1448463	10.226	ppbv	99
34) 2-Butanone	5.221	43	688211	11.719	ppbv	99
35) Carbon Tetrachloride	6.989	117	1529485	9.897	ppbv	99
36) Benzene	6.860	78	2112627	10.333	ppbv	99
37) 1,2-Dichloroethane	6.278	62	1014223	10.381	ppbv	99
38) Trichloroethene	7.803	130	793654	9.718	ppbv	98
39) 1,2-Dichloropropane	7.584	63	814229	10.355	ppbv	98
40) 1,4-Dioxane	7.803	88	202571	10.294	ppbv #	1
41) Tetrahydrofuran	6.021	42	491088	10.222	ppbv	99
42) Bromodichloromethane	7.761	83	1631797	10.533	ppbv	99
43) Methyl Methacrylate	7.983	69	760933	10.843	ppbv	97
44) 2,2,4-Trimethylpentane	7.838	57	3466125	10.027	ppbv	99
45) t-1,3-Dichloropropene	9.243	75	617862	12.217	ppbv	97

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 01:34:08 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.671	75	815231	11.788	ppbv	95
47) 1,1,2-Trichloroethane	9.439	97	858753	10.716	ppbv	97
48) Dibromochloromethane	10.269	129	1463103	11.499	ppbv	100
49) Bromoform	13.005	173	1216207	12.479	ppbv	99
50) 4-Methyl-2-Pentanone	8.709	43	1273461	10.578	ppbv	99
51) 2-Hexanone	10.101	43	553203	10.874	ppbv #	99
52) Tetrachloroethene	11.188	164	762995	10.182	ppbv	99
53) Toluene	9.770	91	2399541	10.995	ppbv	100
54) 1,2-Dibromoethane	10.574	107	1252905	10.942	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.089	131	927968	10.709	ppbv	99
57) Chlorobenzene	12.111	112	1708646	10.520	ppbv	98
58) Ethyl Benzene	12.674	91	3050322	11.074	ppbv	97
59) m/p-Xylene	12.960	91	5066620m	21.486	ppbv	
60) o-Xylene	13.658	91	2397314	10.766	ppbv	98
61) Styrene	13.490	104	1320689	12.036	ppbv	99
62) Isopropylbenzene	14.629	105	3377412	10.992	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.638	83	1863680	9.906	ppbv	100
64) n-propylbenzene	15.526	120	902916	11.531	ppbv	98
65) tert-Butylbenzene	16.706	119	2950434	10.738	ppbv	99
66) Benzyl Chloride	16.953	91	207487m	12.745	ppbv	
67) sec-Butylbenzene	17.259	105	4200461	10.756	ppbv	100
69) p-Isopropyltoluene	17.616	119	3454124	10.677	ppbv	100
70) n-Butylbenzene	18.513	91	3540674	10.276	ppbv	100
71) 2-Chlorotoluene	15.416	91	2510546	11.005	ppbv	99
72) 4-Ethyltoluene	15.802	105	2989396	11.687	ppbv	99
73) 1,3,5-Trimethylbenzene	15.960	105	2616388	11.019	ppbv	99
74) 1,2,4-Trimethylbenzene	16.728	105	2684711	10.584	ppbv	98
75) 1,3-Dichlorobenzene	16.957	146	1731104	10.817	ppbv	99
76) 1,4-Dichlorobenzene	17.098	146	1683946	10.623	ppbv	99
77) 1,2-Dichlorobenzene	17.780	146	1651807	10.202	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1316481	8.336	ppbv	99
79) Naphthalene	22.149	128	2454406	10.756	ppbv	100
80) Naphthalene,2-methyl-	24.940	142	602959	14.971	ppbv	97
81) 1,2,4-Trichlorobenzene	21.879	180	1391340	9.543	ppbv	100

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

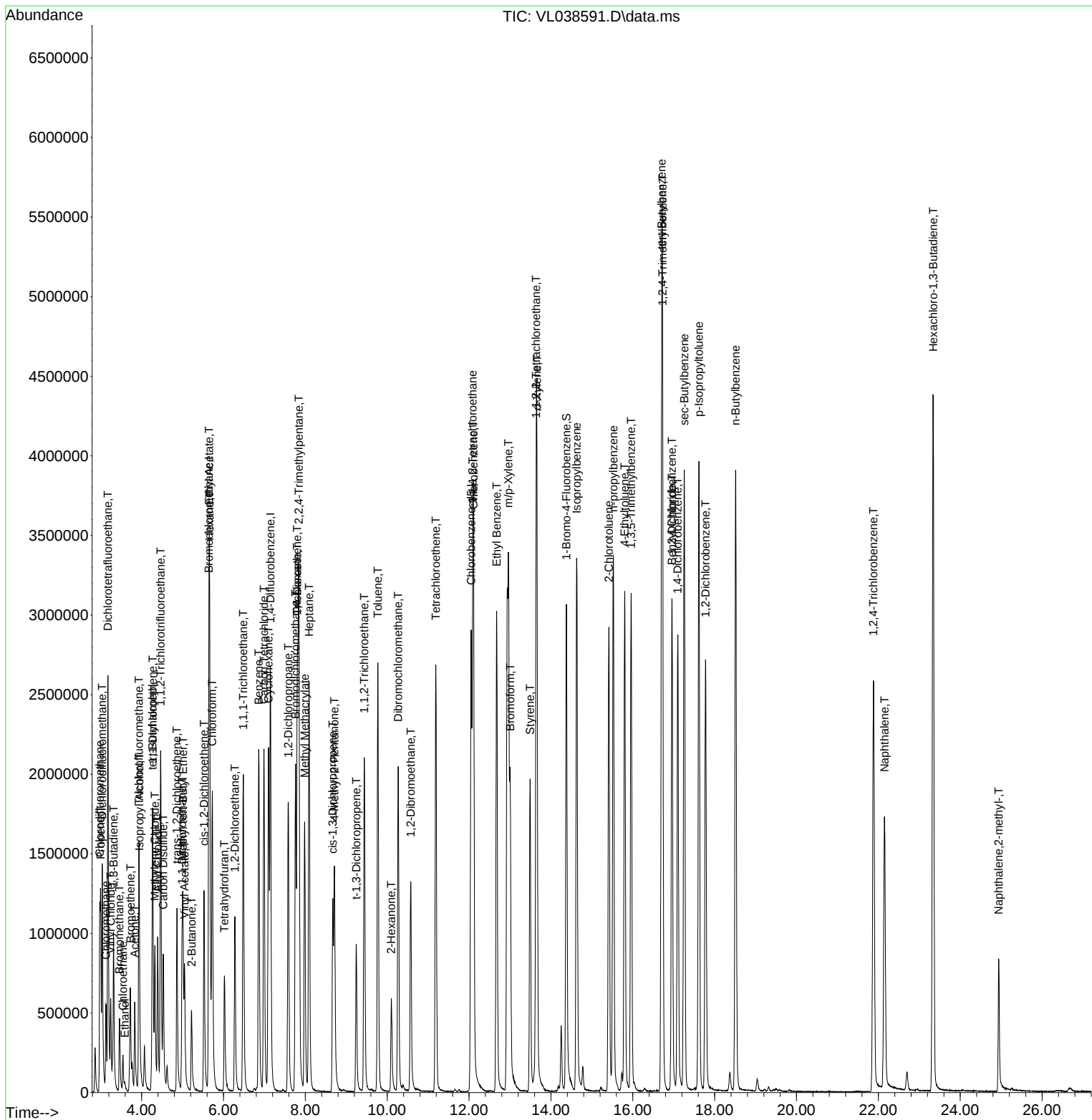
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Data File : VL038591.D  
Acq On    : 14 Mar 2022    9:35  
Operator  : SY/AP  
Sample    : VSTDCCC010  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1    Sample Multiplier: 1
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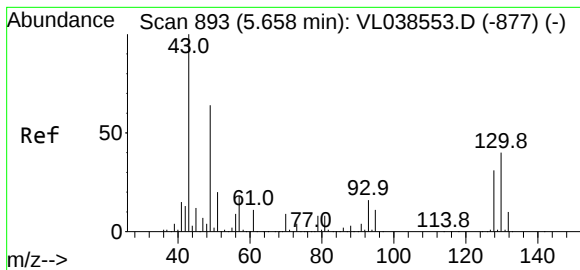
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations

Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

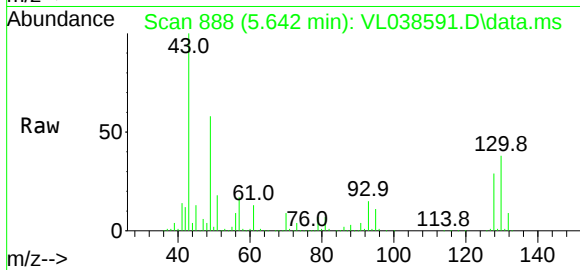
Quant Time: Mar 15 01:34:08 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

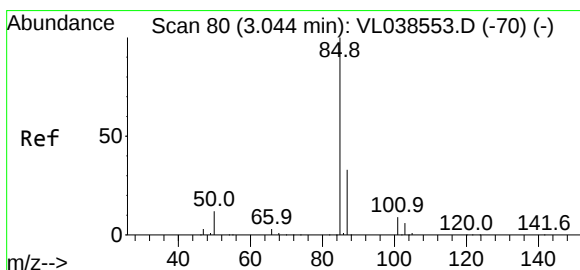
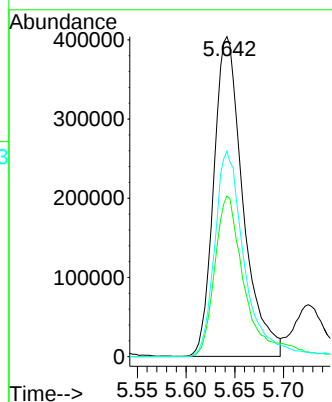
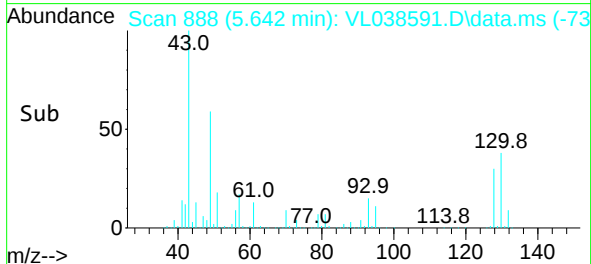
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



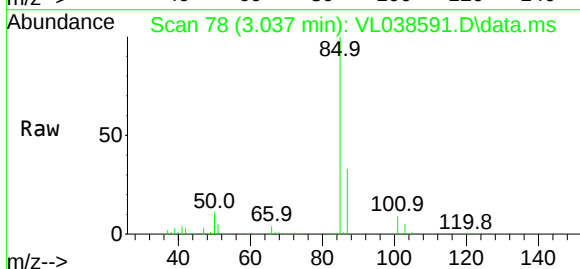
Tgt Ion: 49 Resp: 841292
Ion Ratio Lower Upper
49 100
128 53.2 26.4 79.2
130 66.8 33.0 98.9

Manual Integrations
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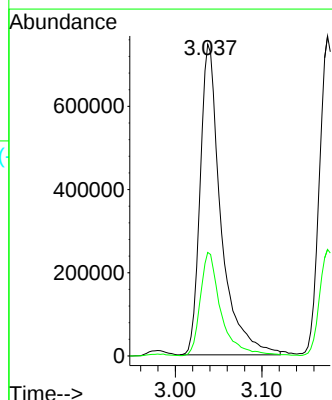
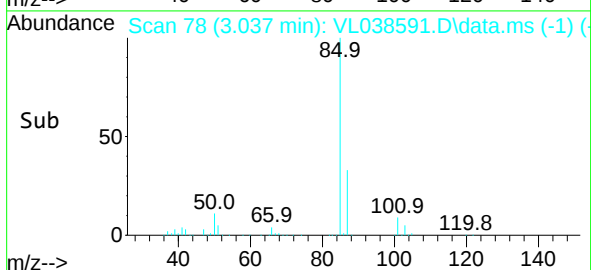
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

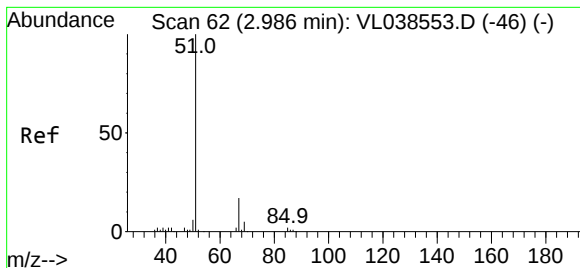


#2
Dichlorodifluoromethane
Concen: 9.816 ppbv
RT: 3.037 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



Tgt Ion: 85 Resp: 1247292
Ion Ratio Lower Upper
85 100
87 33.2 26.2 39.2





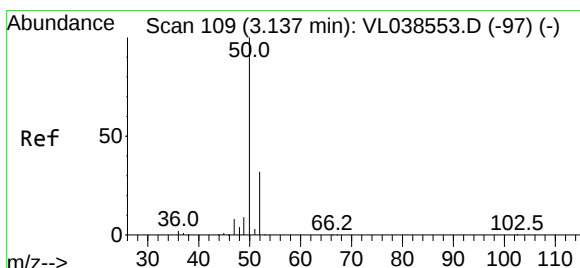
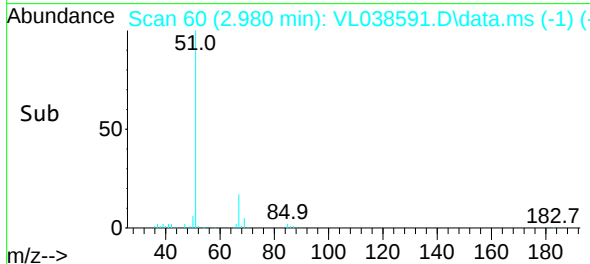
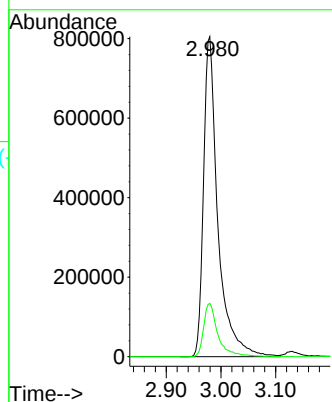
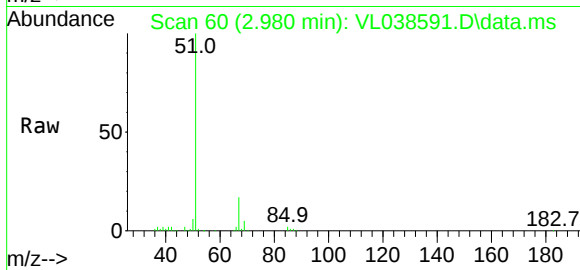
#3
Chlorodifluoromethane
Concen: 9.867 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 146374
Ion Ratio Lower Upper
51 100
67 16.7 13.6 20.4

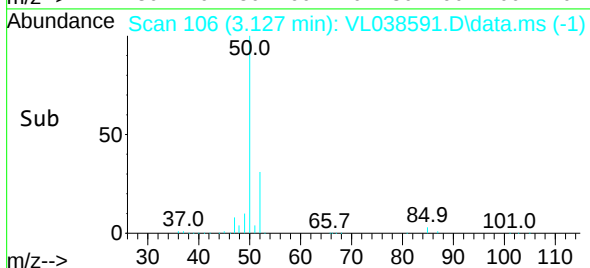
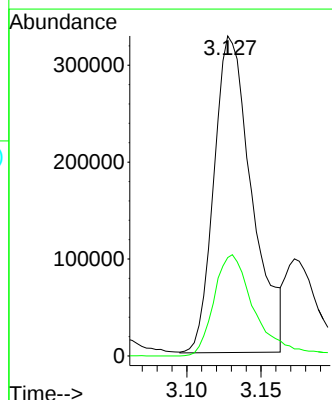
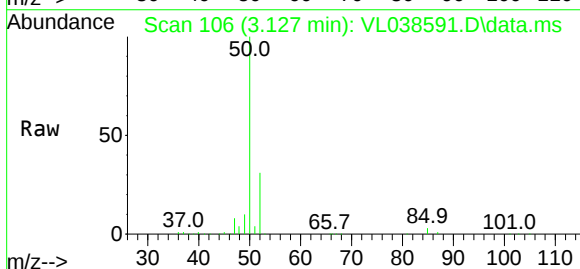
Manual Integrations
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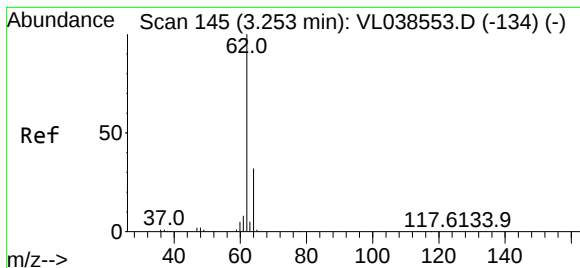
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 10.538 ppbv
RT: 3.127 min Scan# 106
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

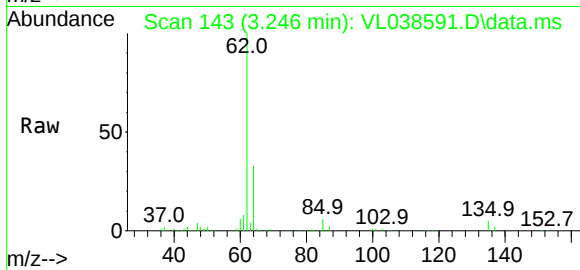
Tgt Ion: 50 Resp: 579463
Ion Ratio Lower Upper
50 100
52 31.1 25.6 38.4





#5
 Vinyl Chloride
 Concen: 10.106 ppbv
 RT: 3.246 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

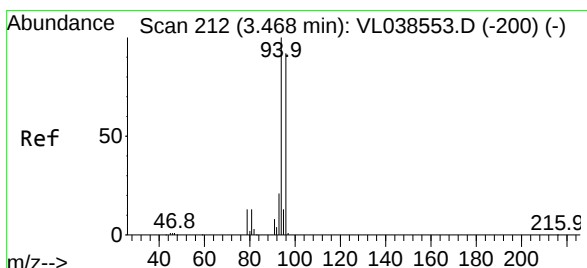
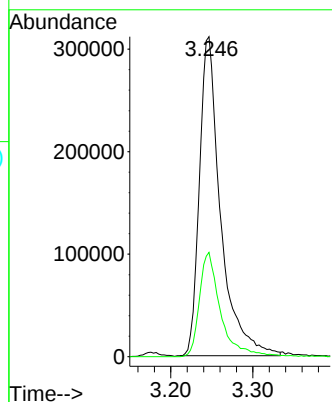
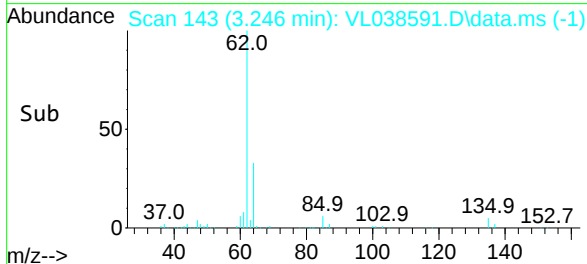
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



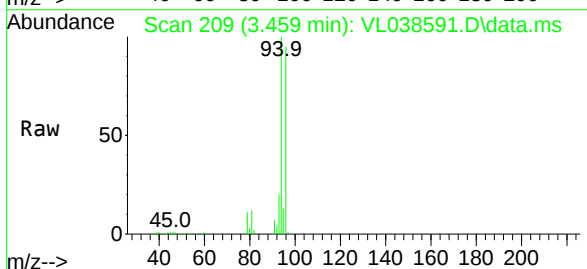
Tgt Ion: 62 Resp: 557798
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.8 38.6

Manual Integrations
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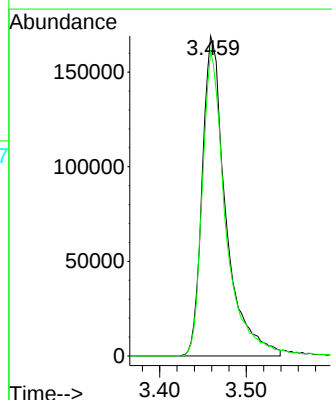
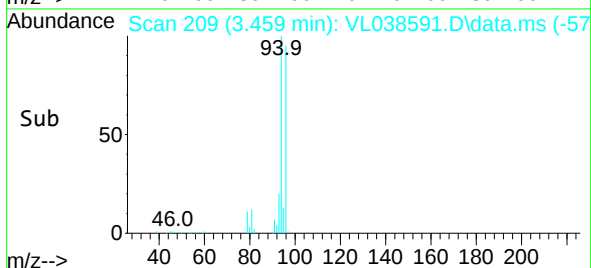
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

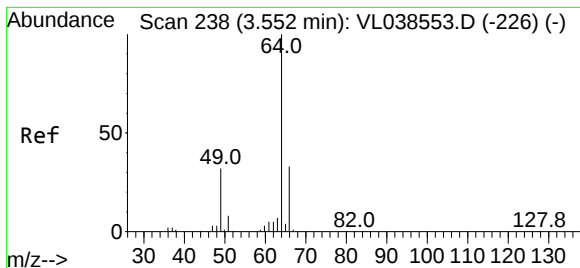


#6
 Bromomethane
 Concen: 10.778 ppbv
 RT: 3.459 min Scan# 209
 Delta R.T. -0.010 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35



Tgt Ion: 94 Resp: 319304
 Ion Ratio Lower Upper
 94 100
 96 95.0 73.7 110.5





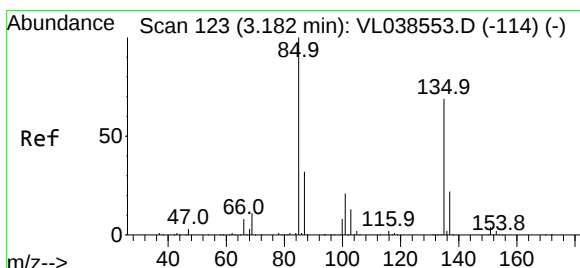
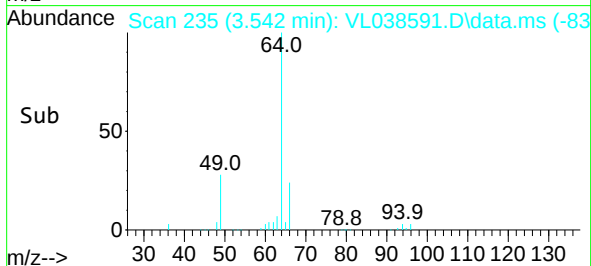
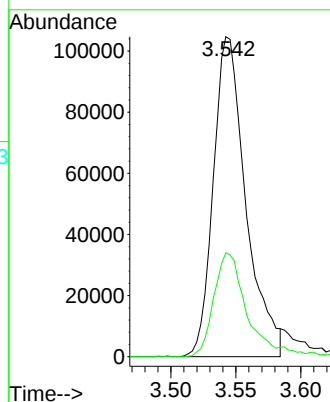
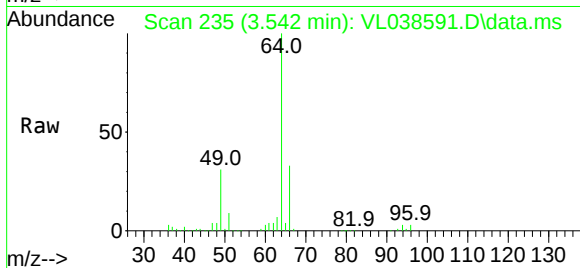
#7
Chloroethane
Concen: 10.188 ppbv
RT: 3.542 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 18206
Ion Ratio Lower Upper
64 100
66 32.5 26.6 39.8

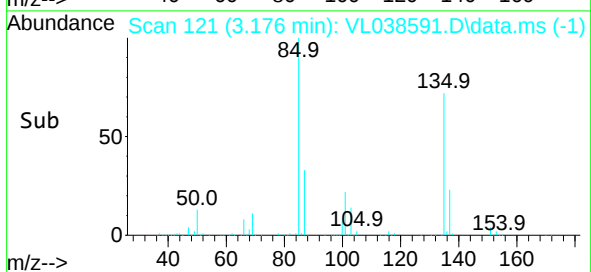
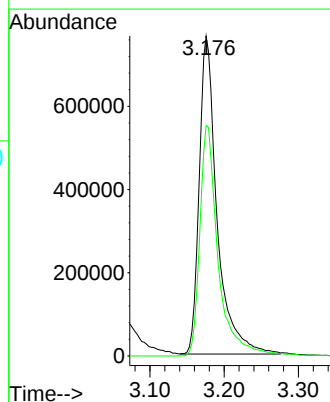
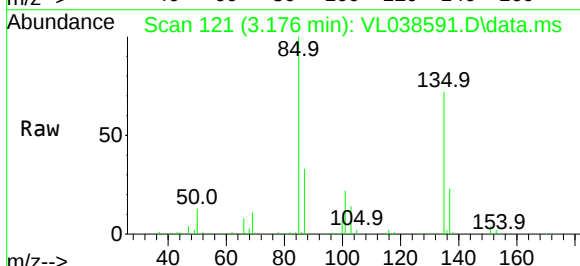
Manual Integrations
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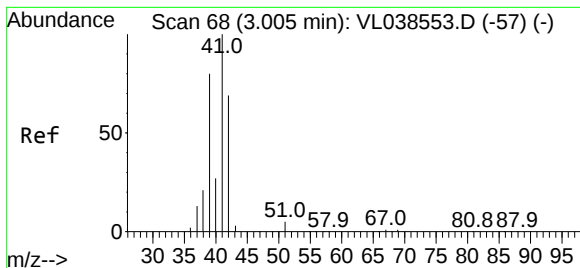
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 10.381 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.006 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

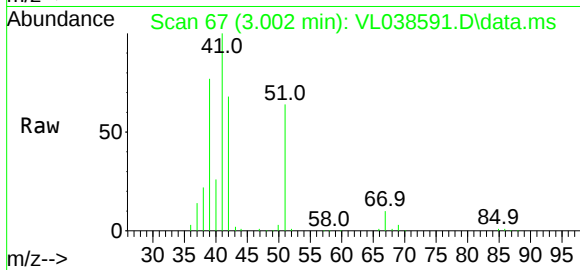
Tgt Ion: 85 Resp: 1278751
Ion Ratio Lower Upper
85 100
135 74.6 59.0 88.4





#9
 Propene
 Concen: 9.855 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

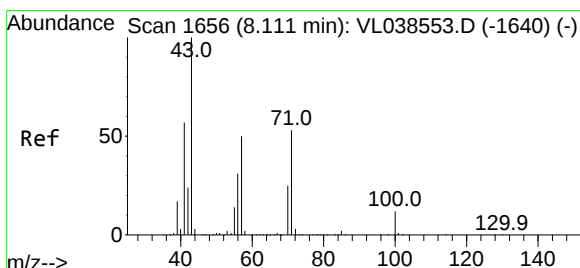
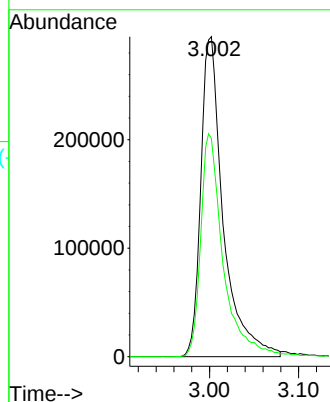
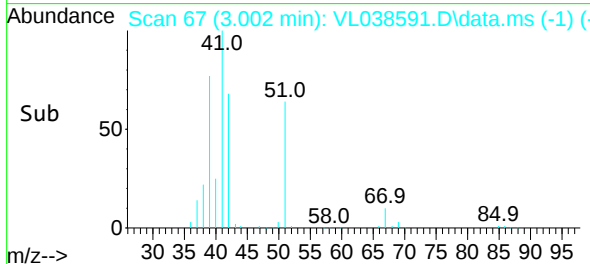
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 515849
 Ion Ratio Lower Upper
 41 100
 42 70.3 55.7 83.5

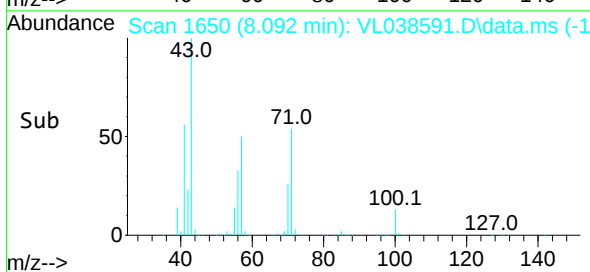
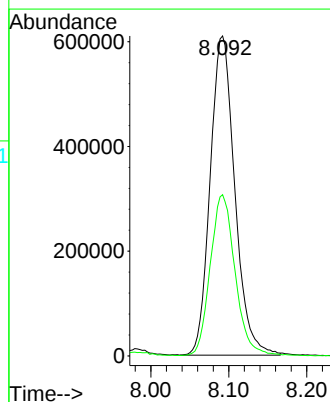
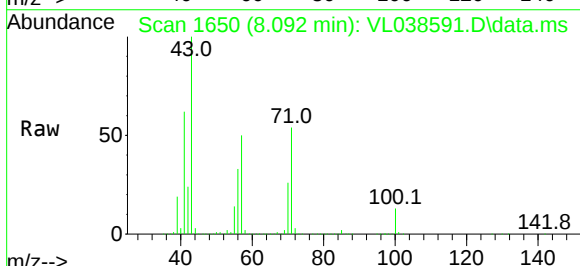
Manual Integrations
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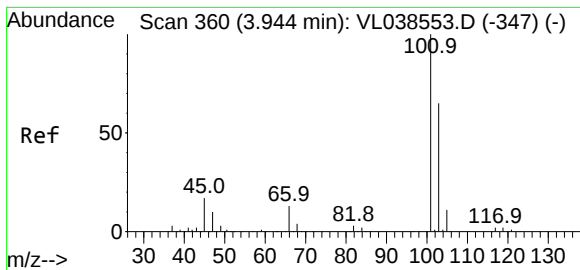
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#10
 Heptane
 Concen: 10.676 ppbv
 RT: 8.092 min Scan# 1650
 Delta R.T. -0.019 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

Tgt Ion: 43 Resp: 1336812
 Ion Ratio Lower Upper
 43 100
 57 51.2 39.6 59.4





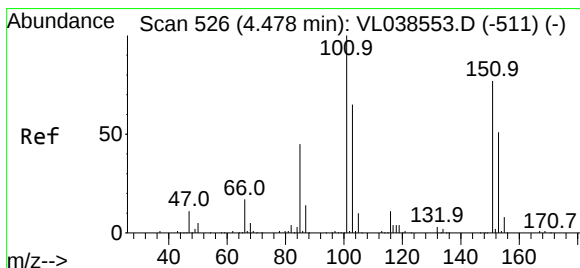
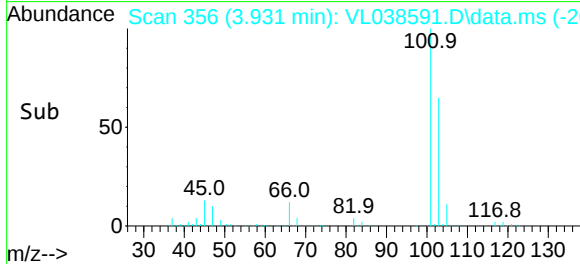
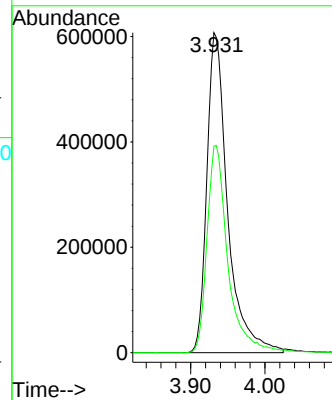
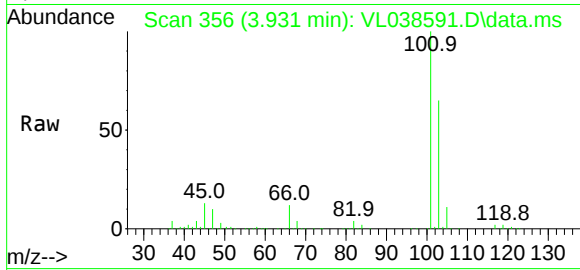
#11
 Trichlorofluoromethane
 Concen: 10.574 ppbv
 RT: 3.931 min Scan# 311
 Delta R.T. -0.013 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 1178054
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0

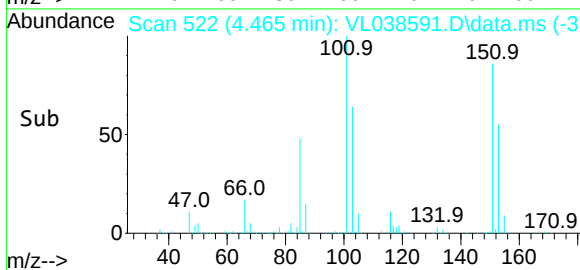
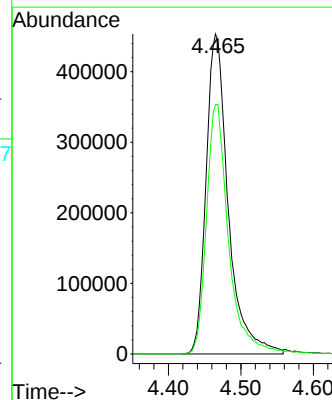
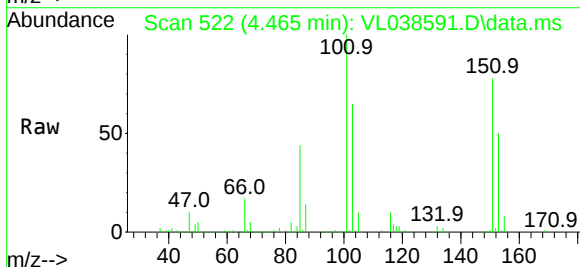
Manual Integrations
 APPROVED

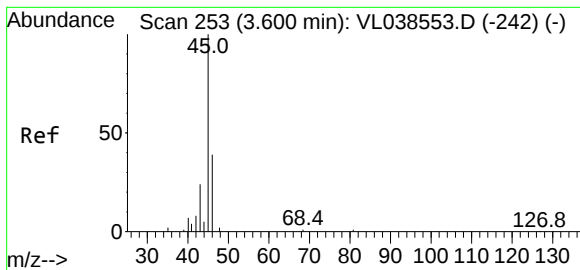
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.111 ppbv
 RT: 4.465 min Scan# 522
 Delta R.T. -0.013 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

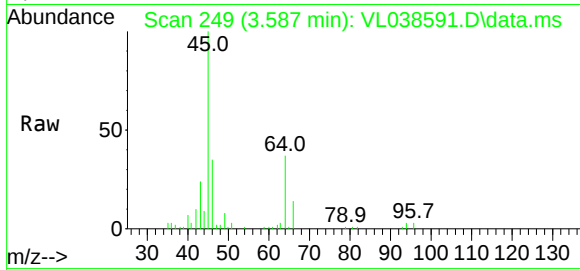
Tgt Ion:101 Resp: 962450
 Ion Ratio Lower Upper
 101 100
 151 78.1 63.4 95.0





#13
Ethanol
Concen: 9.352 ppbv
RT: 3.587 min Scan# 249
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

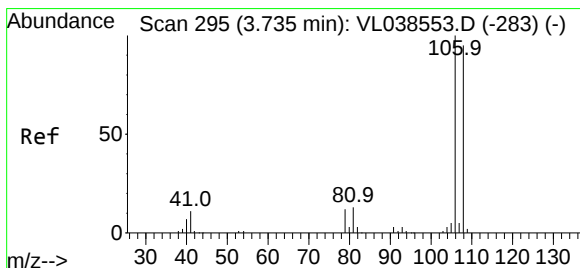
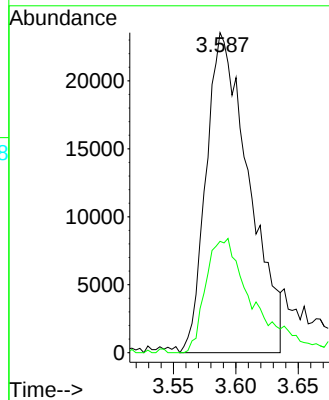
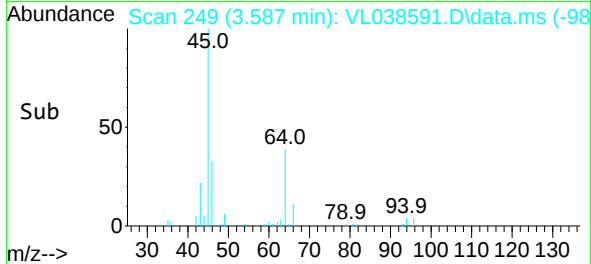
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 5623
Ion Ratio Lower Upper
45 100
46 39.5 16.8 67.0

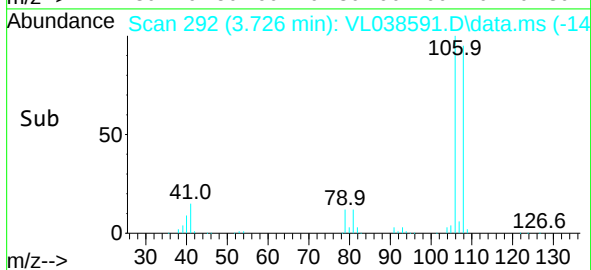
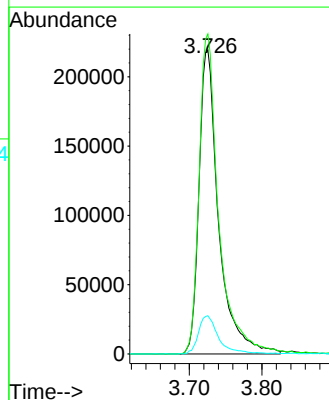
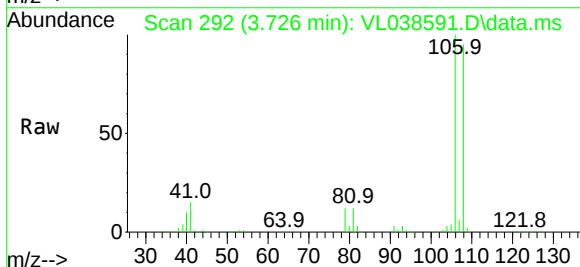
Manual Integrations
APPROVED

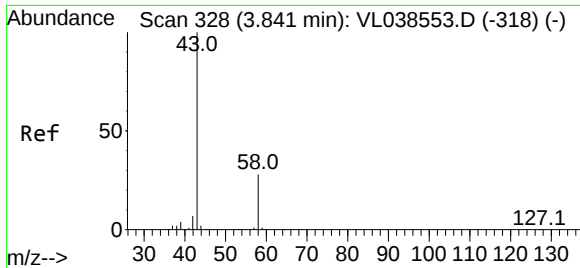
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Bromoethene
Concen: 11.222 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

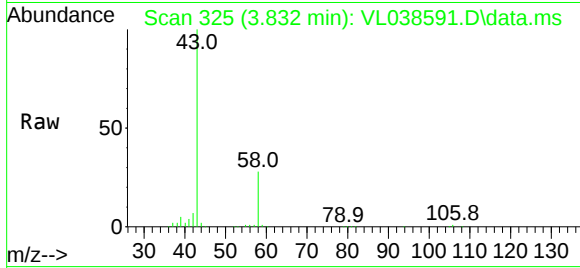
Tgt Ion:108 Resp: 414179
Ion Ratio Lower Upper
108 100
106 106.2 85.9 128.9
79 13.0 11.0 16.6





#15
Acetone
Concen: 11.452 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

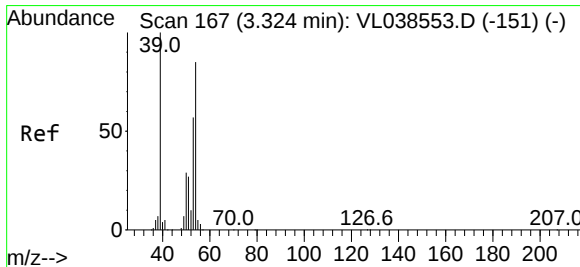
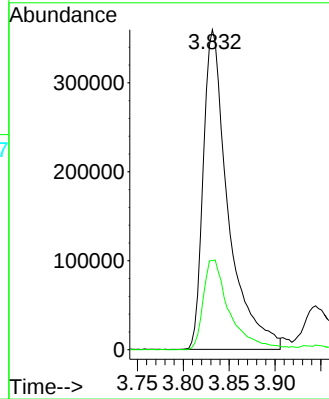
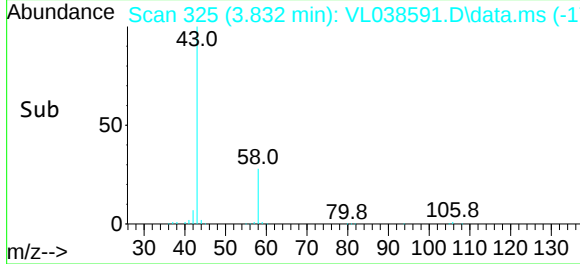
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 67956
Ion Ratio Lower Upper
43 100
58 29.9 22.7 34.1

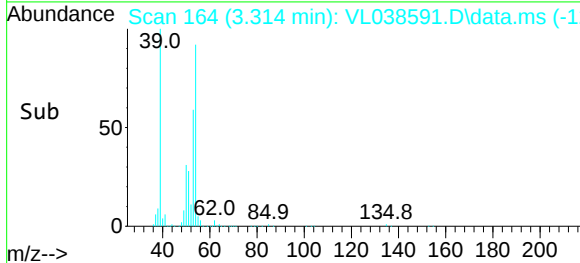
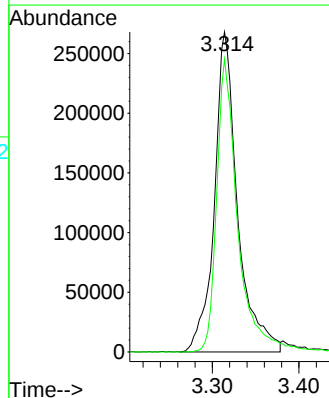
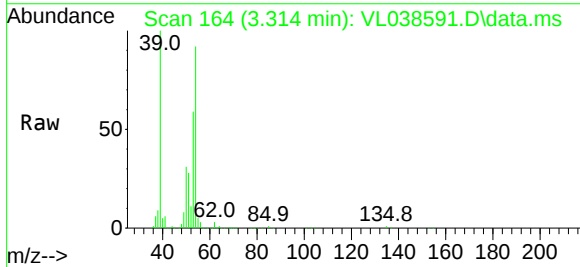
Manual Integrations
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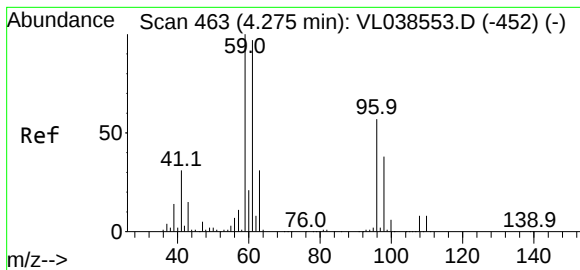
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 10.475 ppbv
RT: 3.314 min Scan# 164
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

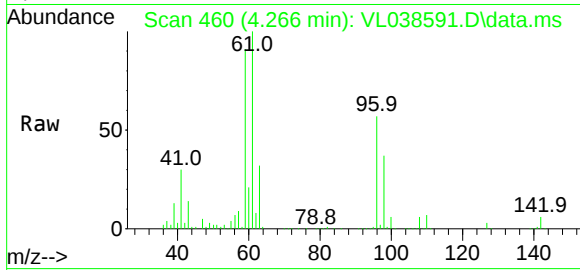
Tgt Ion: 39 Resp: 499476
Ion Ratio Lower Upper
39 100
54 83.7 64.2 96.2





#17
tert-Butyl alcohol
Concen: 11.472 ppbv
RT: 4.266 min Scan# 409
Delta R.T. -0.010 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

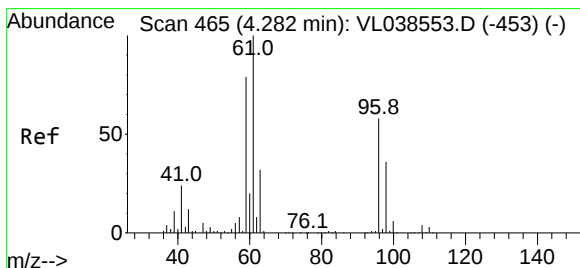
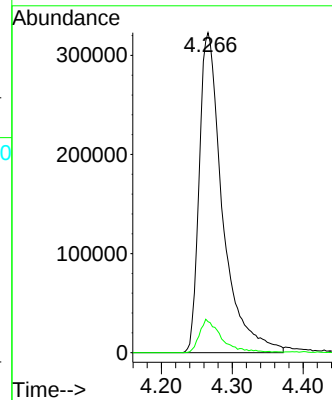
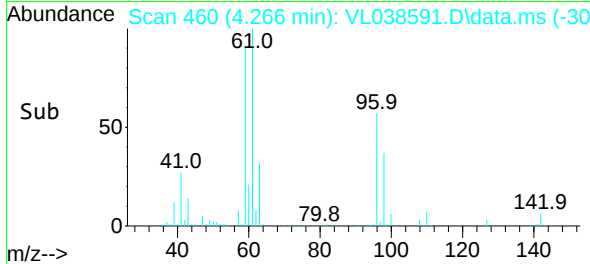
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 59 Resp: 739610
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

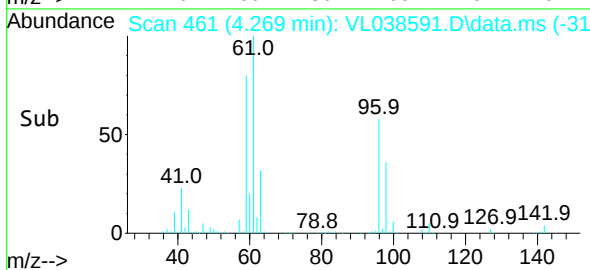
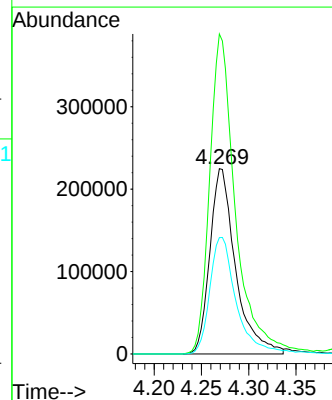
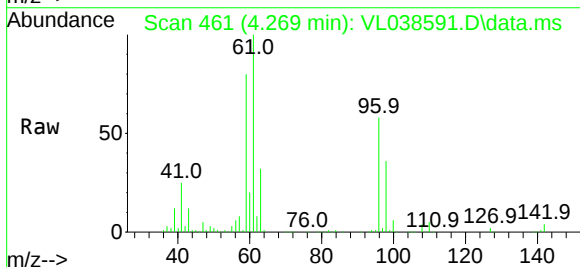
Manual Integrations
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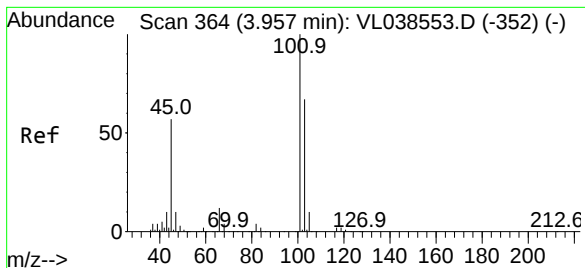
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 10.999 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

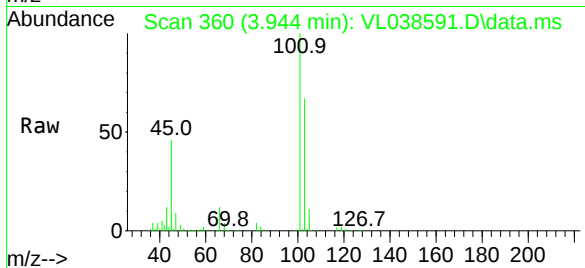
Tgt Ion: 96 Resp: 426388
Ion Ratio Lower Upper
96 100
61 172.8 137.4 206.0
98 62.8 49.3 73.9





#19
Isopropyl Alcohol
Concen: 10.354 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

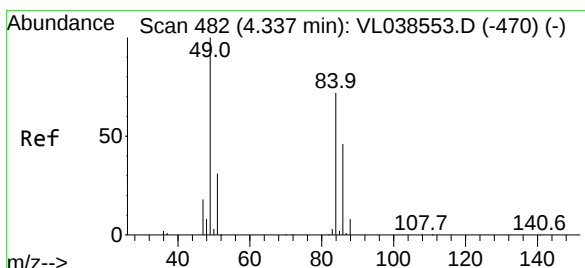
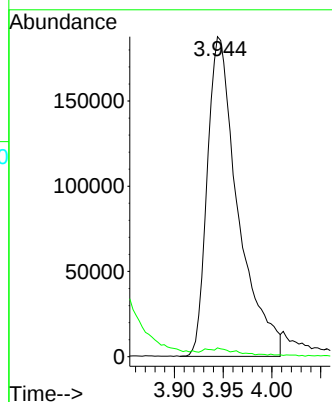
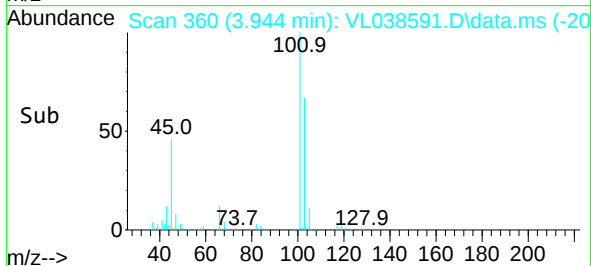
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 410270
Ion Ratio Lower Upper
45 100
58 3.0 2.2 3.2

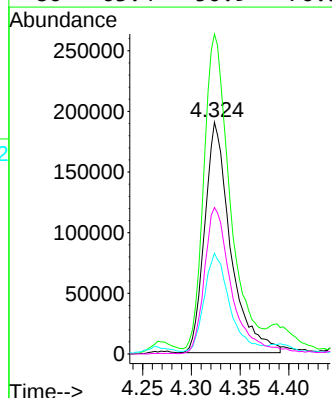
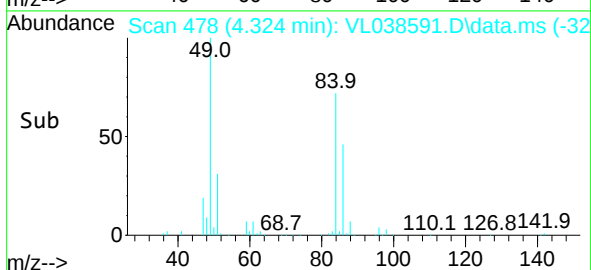
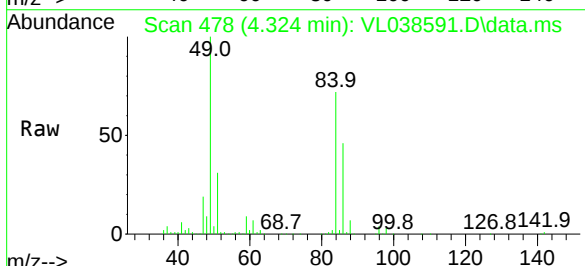
Manual Integrations
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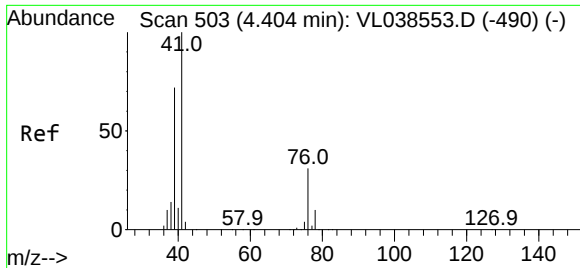
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 9.840 ppbv
RT: 4.324 min Scan# 478
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

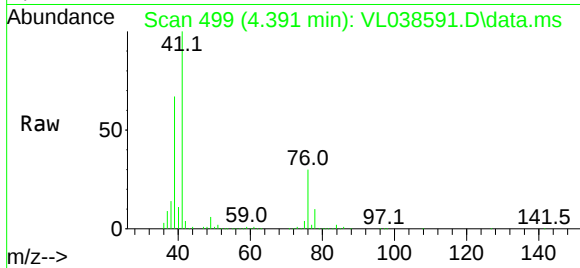
Tgt Ion: 84 Resp: 351402
Ion Ratio Lower Upper
84 100
49 136.5 111.1 166.7
51 42.4 34.0 51.0
86 63.4 50.9 76.3





#21
 Allyl Chloride
 Concen: 11.319 ppbv
 RT: 4.391 min Scan# 499
 Delta R.T. -0.013 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

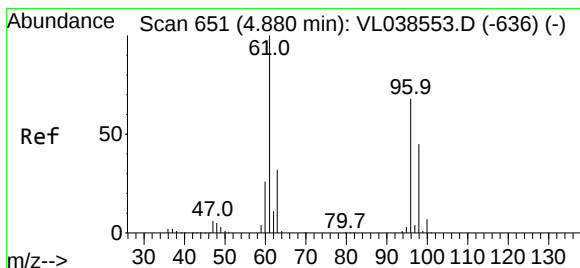
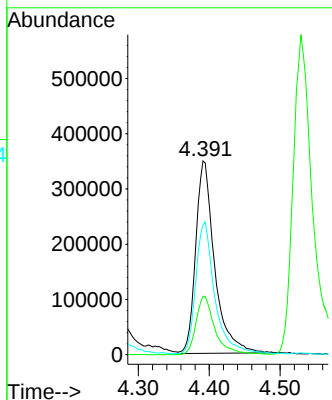
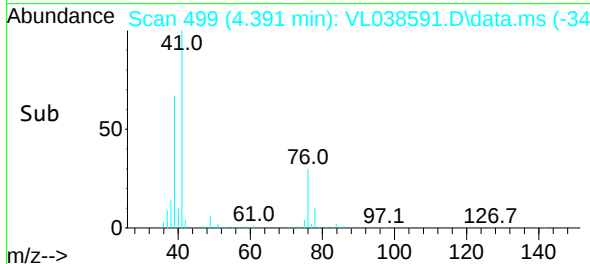
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 647380
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.3 36.5
 39 68.9 57.1 85.7

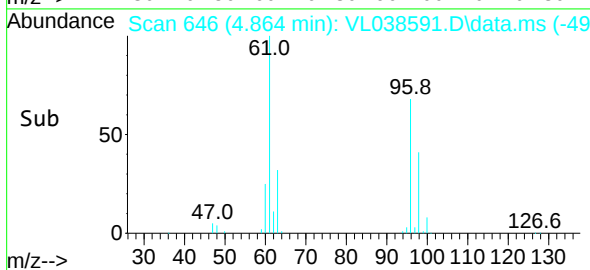
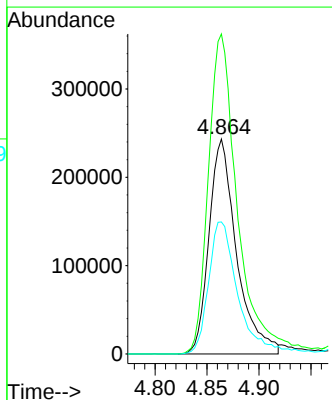
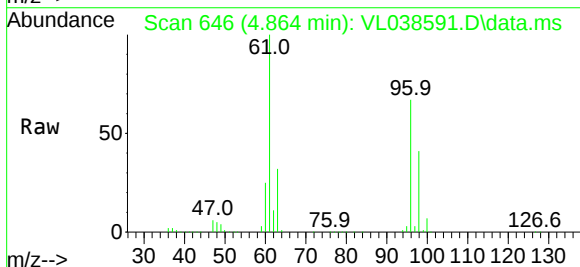
Manual Integrations
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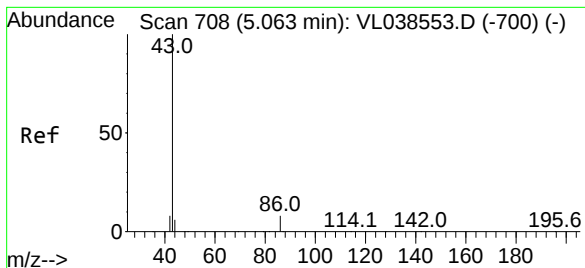
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.074 ppbv
 RT: 4.864 min Scan# 646
 Delta R.T. -0.016 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

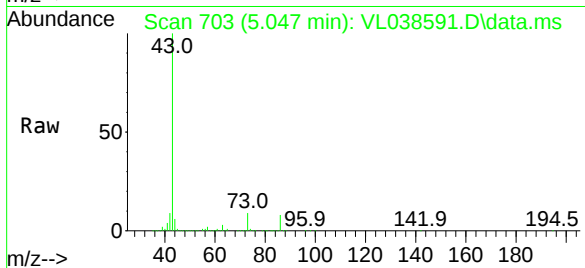
Tgt Ion: 96 Resp: 450024
 Ion Ratio Lower Upper
 96 100
 61 148.8 117.6 176.4
 98 61.4 52.6 78.8





#23
 Vinyl Acetate
 Concen: 12.360 ppbv
 RT: 5.047 min Scan# 708
 Delta R.T. -0.016 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

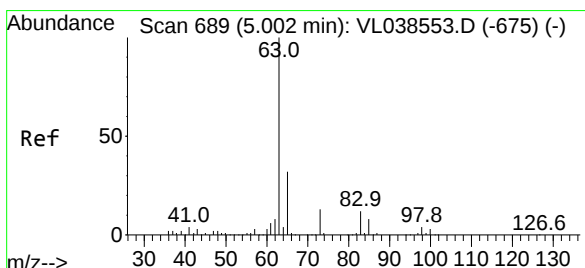
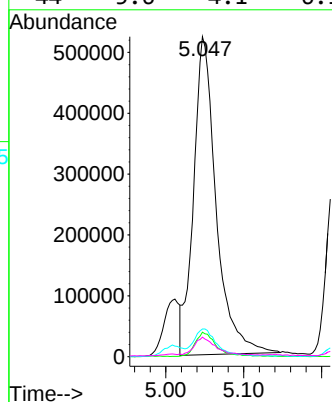
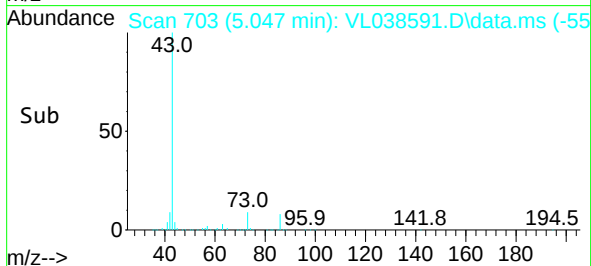


Tgt Ion: 43 Resp: 105140

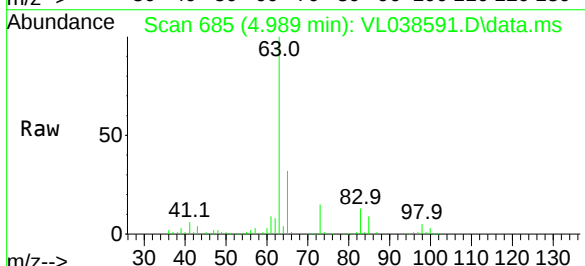
Ion	Ratio	Lower	Upper
43	100		
86	7.6	5.6	8.4
42	8.5	7.1	10.7
44	5.6	4.1	6.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

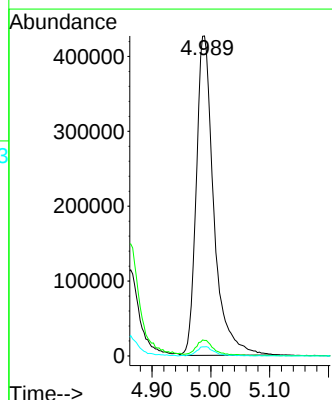
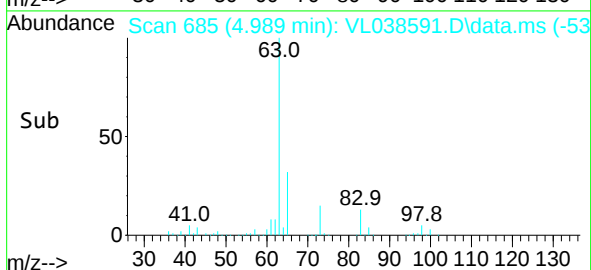


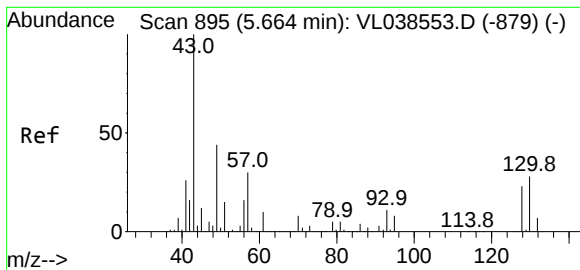
#24
 1,1-Dichloroethane
 Concen: 11.372 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.013 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35



Tgt Ion: 63 Resp: 879790

Ion	Ratio	Lower	Upper
63	100		
98	4.8	2.2	6.6
100	2.8	1.5	4.5





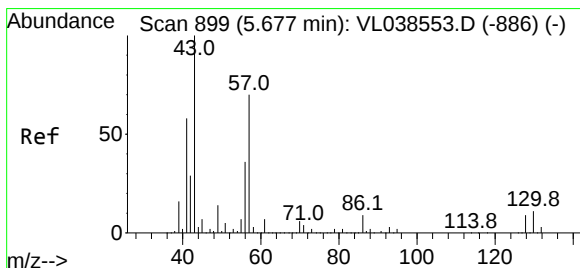
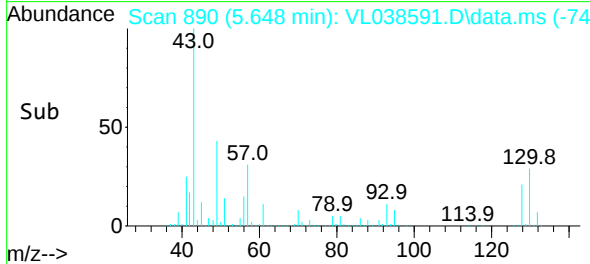
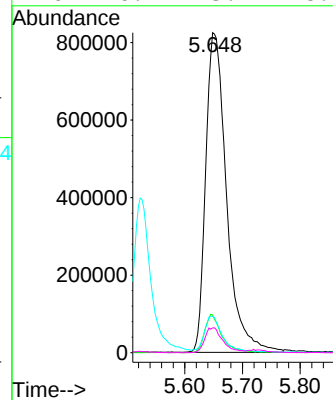
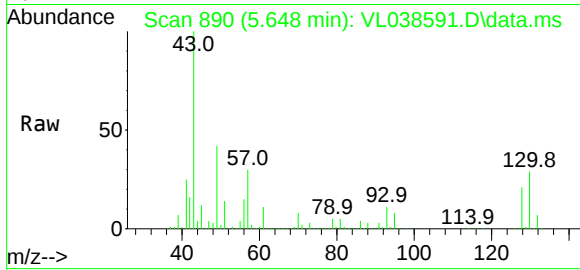
#25
Ethyl Acetate
Concen: 10.374 ppbv
RT: 5.648 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2073235
Ion Ratio Lower Upper
43 100
45 9.9 8.0 12.0
61 10.5 8.2 12.4
70 6.7 5.4 8.2

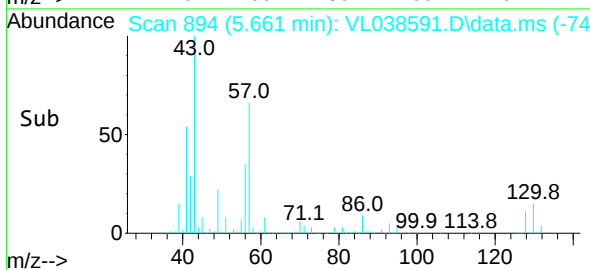
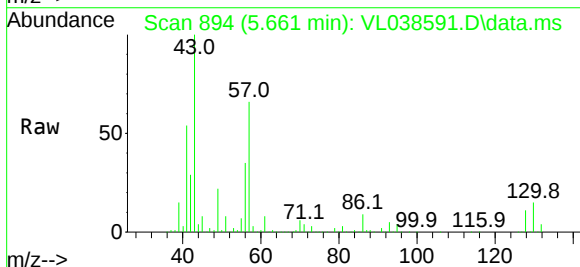
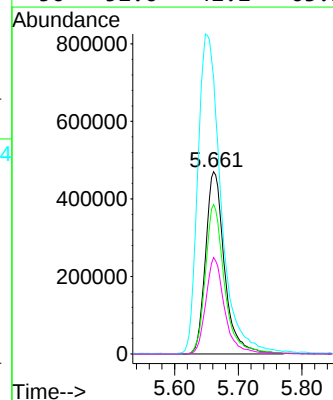
Manual Integrations
APPROVED

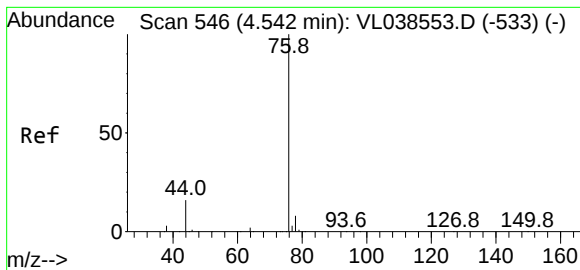
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
Hexane
Concen: 10.371 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

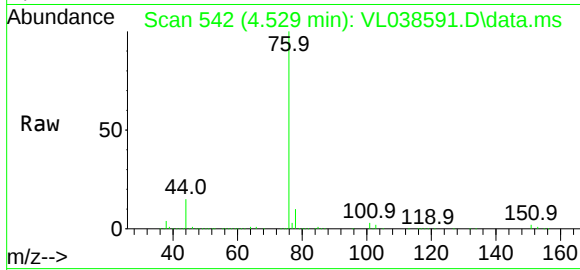
Tgt Ion: 57 Resp: 973332
Ion Ratio Lower Upper
57 100
41 83.2 67.8 101.6
43 214.6 173.6 260.4
56 52.6 42.2 63.2





#27
Carbon Disulfide
Concen: 12.218 ppbv
RT: 4.529 min Scan# 546
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

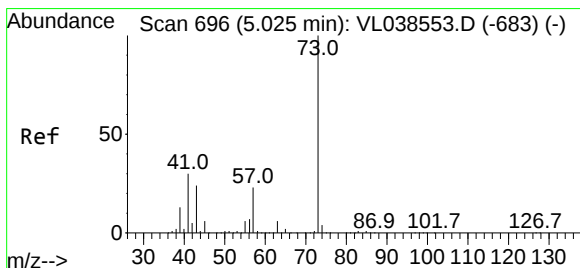
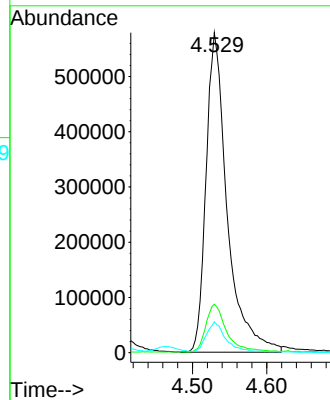
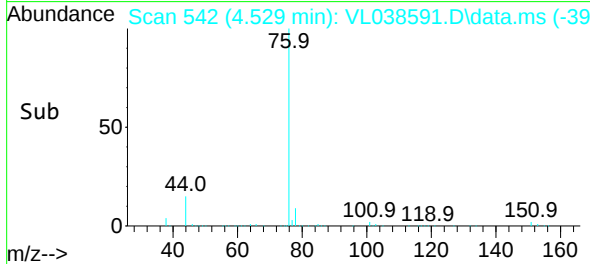
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1142072
Ion Ratio Lower Upper
76 100
44 15.1 12.9 19.3
78 9.9 7.8 11.6

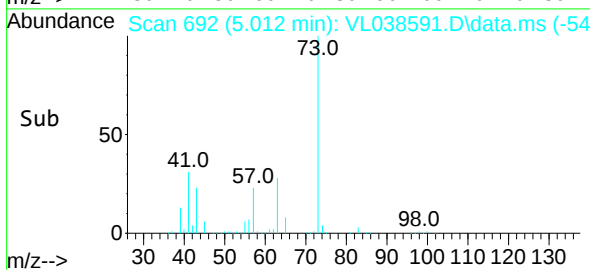
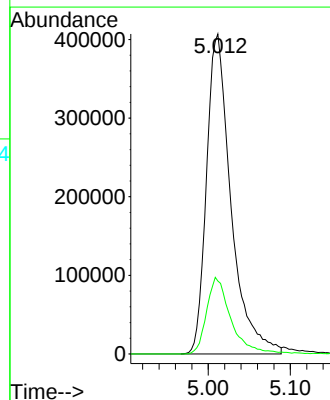
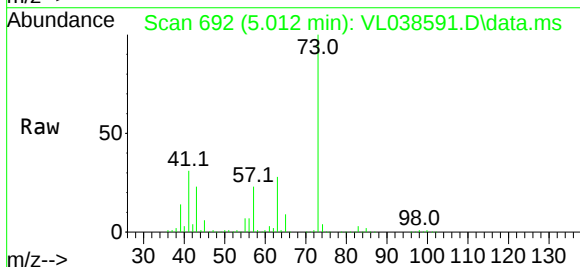
Manual Integrations
APPROVED

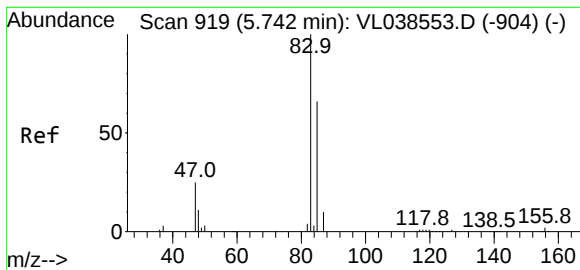
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 11.047 ppbv
RT: 5.012 min Scan# 692
Delta R.T. -0.013 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

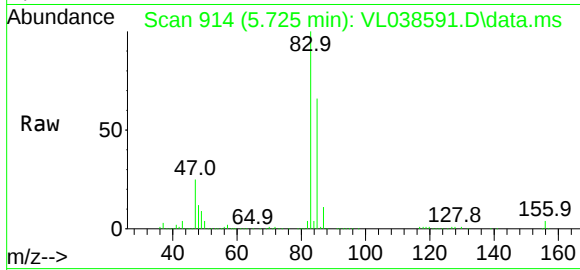
Tgt Ion: 73 Resp: 843811
Ion Ratio Lower Upper
73 100
57 24.1 18.8 28.2





#29
Chloroform
Concen: 10.271 ppbv
RT: 5.725 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

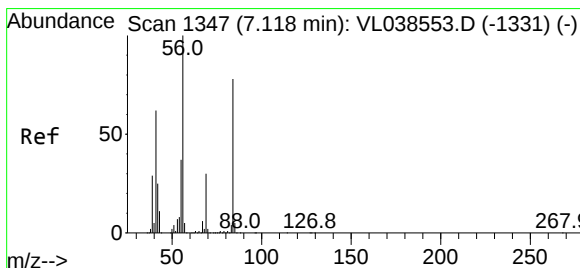
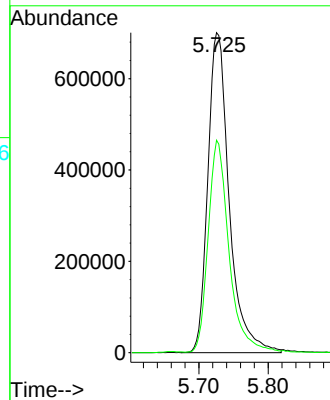
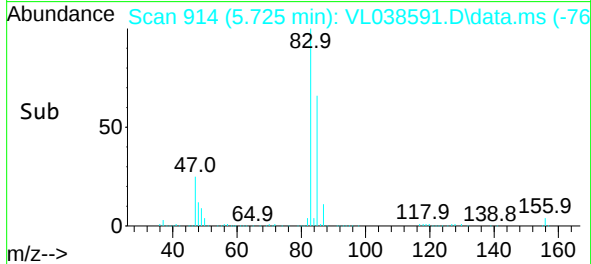
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



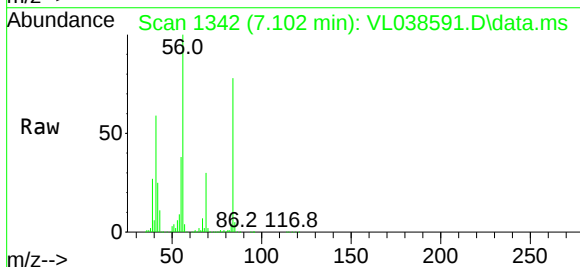
Tgt Ion: 83 Resp: 1500134
Ion Ratio Lower Upper
83 100
85 66.2 52.8 79.2

Manual Integrations
APPROVED

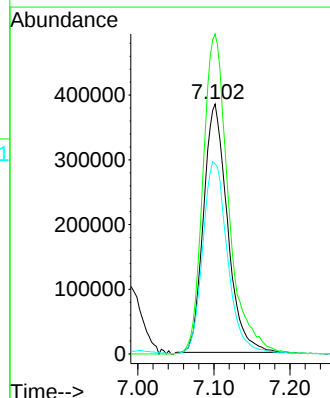
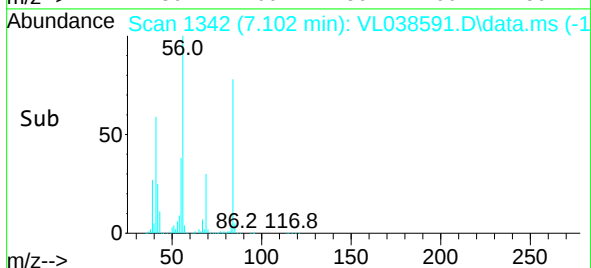
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

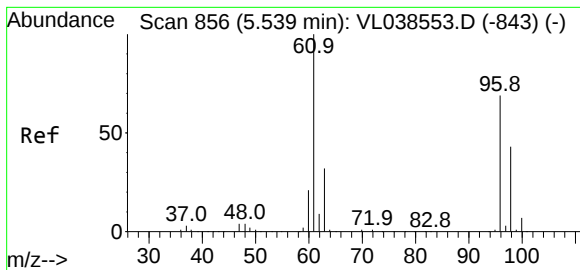


#30
Cyclohexane
Concen: 10.348 ppbv
RT: 7.102 min Scan# 1342
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



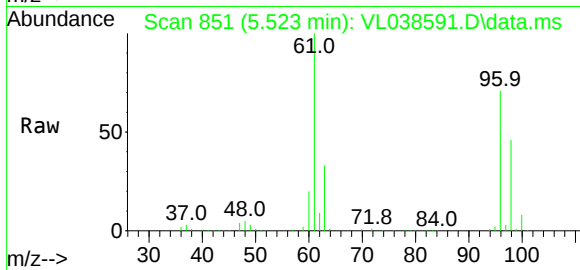
Tgt Ion: 84 Resp: 839929
Ion Ratio Lower Upper
84 100
56 138.1 111.4 167.0
41 80.2 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.068 ppbv
 RT: 5.523 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

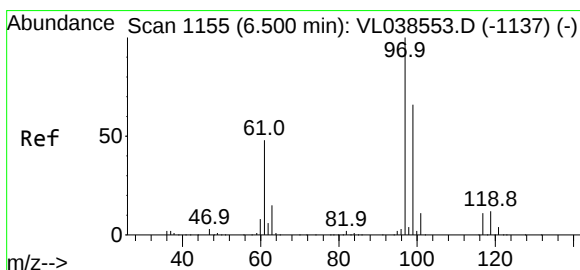
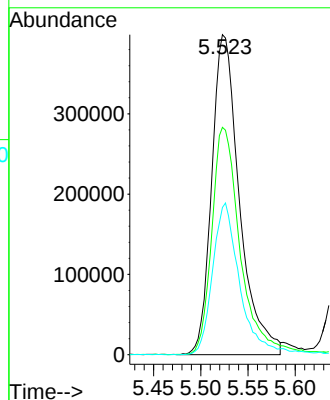
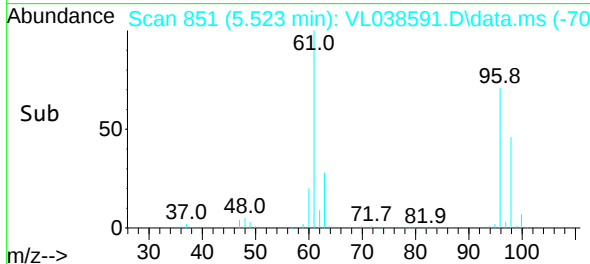
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 814090
 Ion Ratio Lower Upper
 61 100
 96 71.0 55.2 82.8
 98 46.0 34.2 51.4

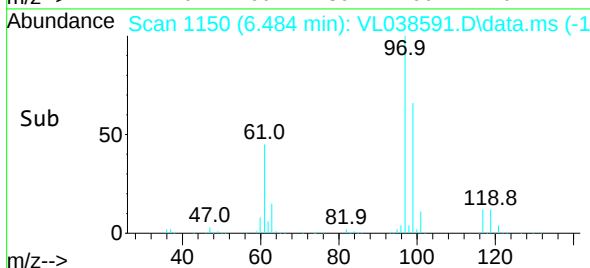
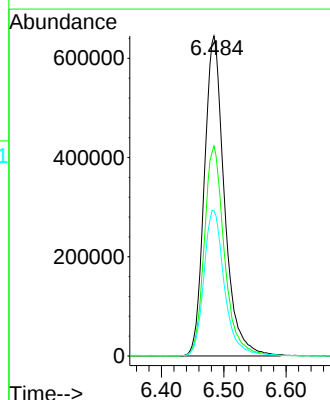
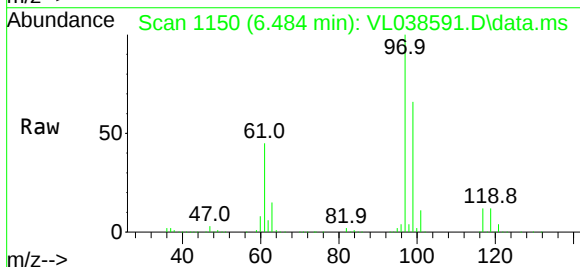
Manual Integrations
 APPROVED

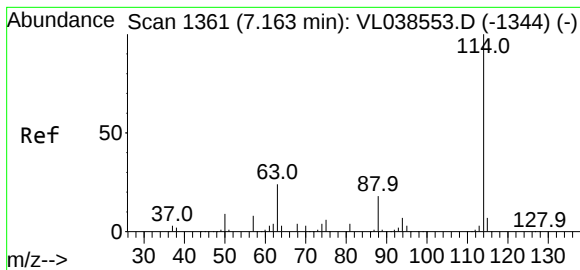
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.226 ppbv
 RT: 6.484 min Scan# 1150
 Delta R.T. -0.016 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

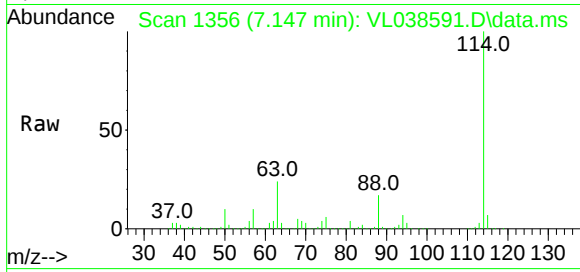
Tgt Ion: 97 Resp: 1448463
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.1 78.1
 61 46.9 37.7 56.5





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.147 min Scan# 114
 Delta R.T. -0.016 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

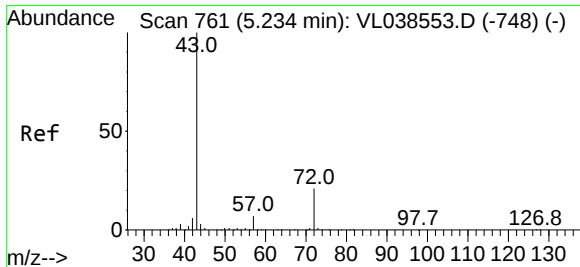
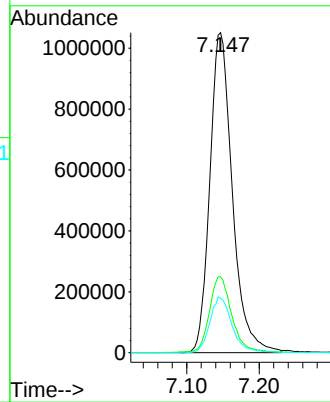
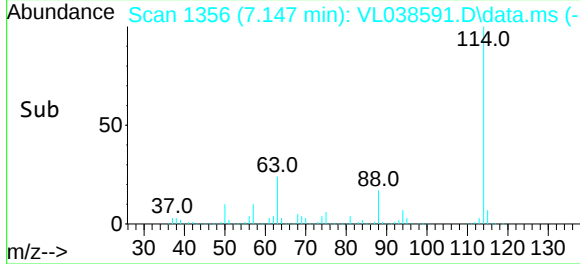
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



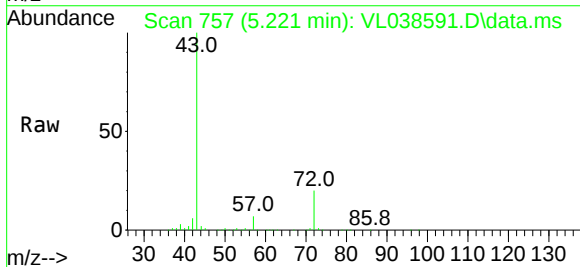
Tgt Ion:114 Resp: 2265630
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.6 29.4
 88 17.2 13.9 20.9

Manual Integrations
 APPROVED

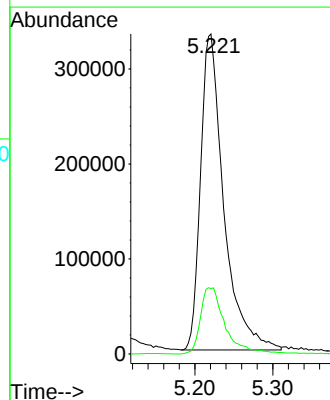
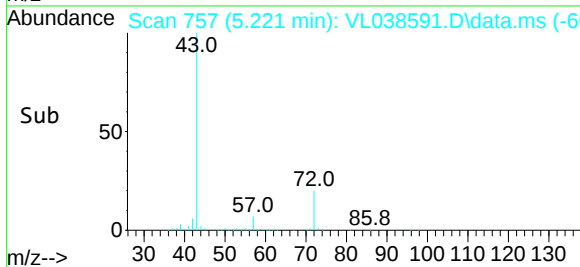
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

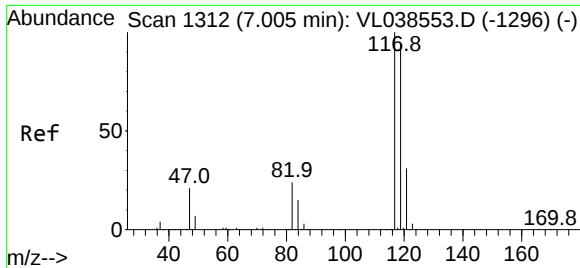


#34
 2-Butanone
 Concen: 11.719 ppbv
 RT: 5.221 min Scan# 757
 Delta R.T. -0.013 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35



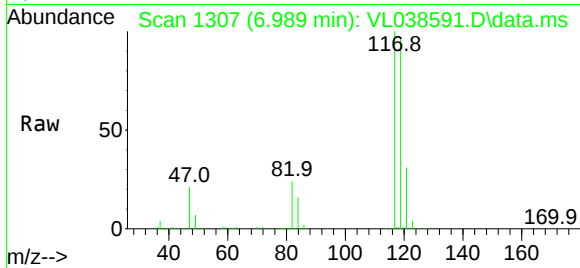
Tgt Ion: 43 Resp: 688211
 Ion Ratio Lower Upper
 43 100
 72 22.7 17.8 26.6





#35
Carbon Tetrachloride
Concen: 9.897 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

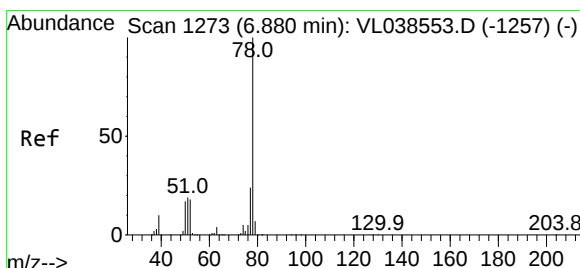
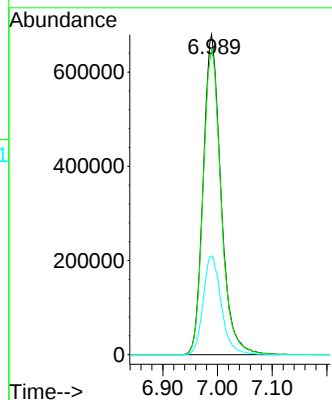
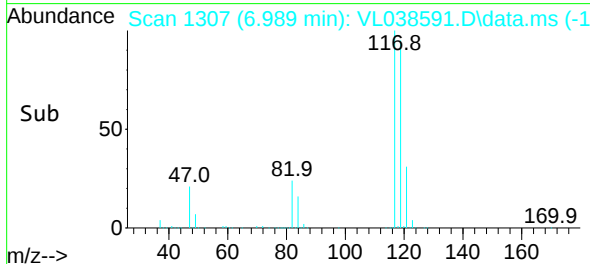
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



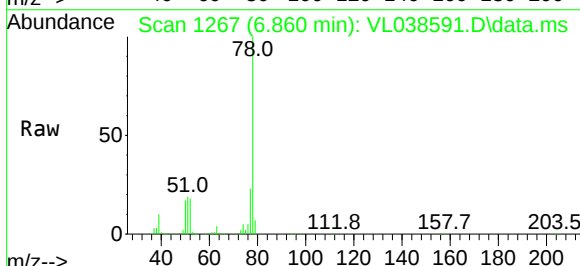
Tgt Ion: 117 Resp: 152948
Ion Ratio Lower Upper
117 100
119 95.5 75.2 112.8
121 30.8 24.8 37.2

Manual Integrations
APPROVED

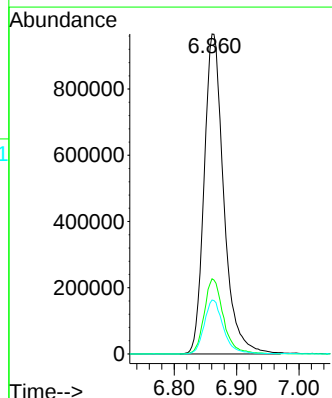
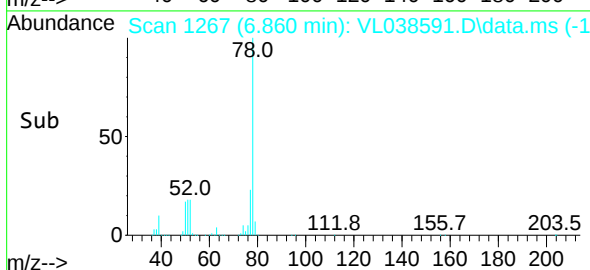
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

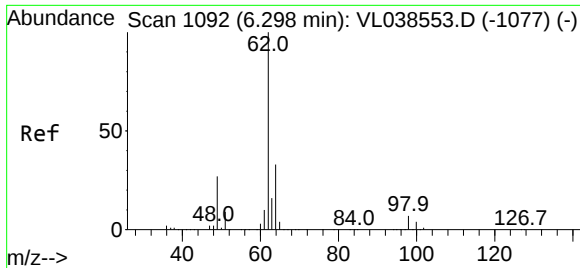


#36
Benzene
Concen: 10.333 ppbv
RT: 6.860 min Scan# 1267
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



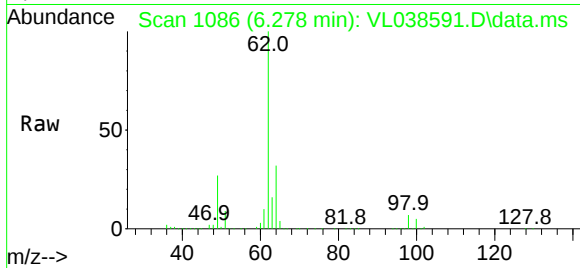
Tgt Ion: 78 Resp: 2112627
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4
50 16.8 13.9 20.9





#37
1,2-Dichloroethane
Concen: 10.381 ppbv
RT: 6.278 min Scan# 1092
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

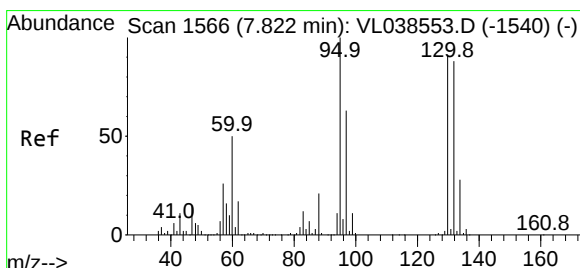
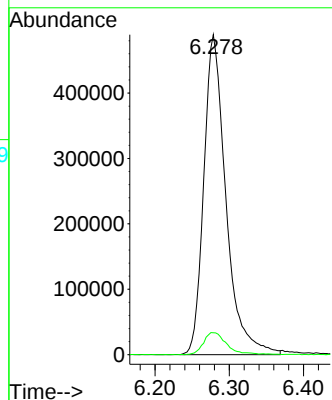
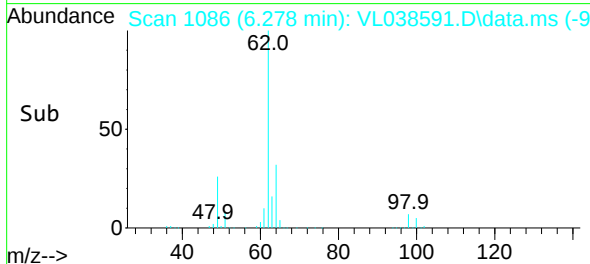
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 101422
Ion Ratio Lower Upper
62 100
98 7.5 5.7 8.5

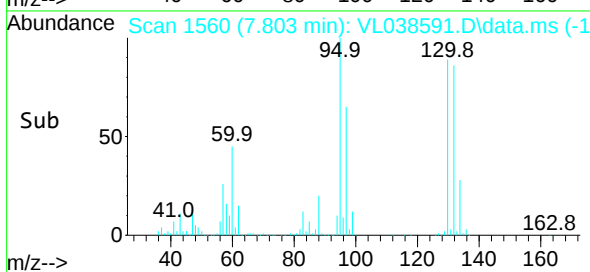
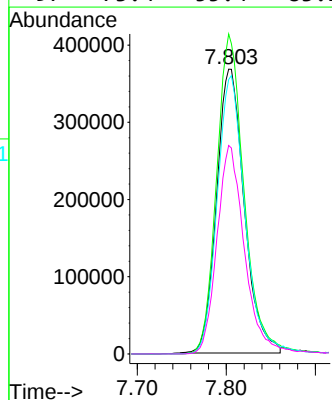
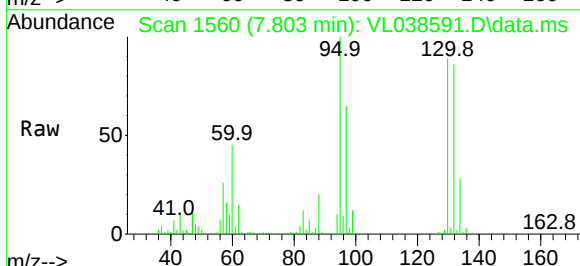
Manual Integrations
APPROVED

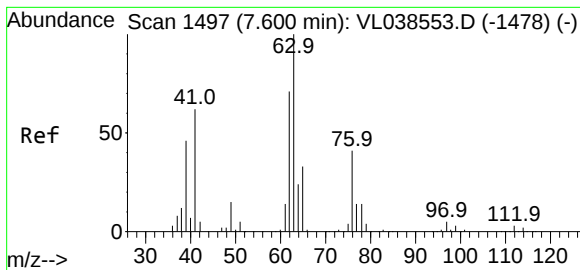
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 9.718 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

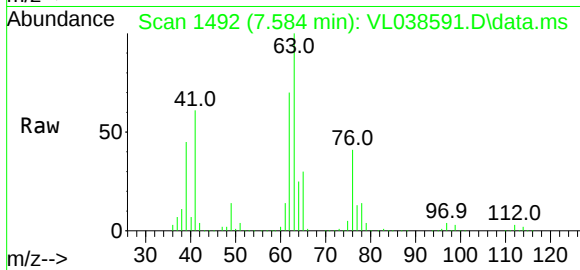
Tgt Ion:130 Resp: 793654
Ion Ratio Lower Upper
130 100
95 112.7 87.8 131.8
132 96.6 77.5 116.3
97 73.4 55.4 83.2





#39
1,2-Dichloropropane
Concen: 10.355 ppbv
RT: 7.584 min Scan# 1497
Delta R.T. -0.016 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

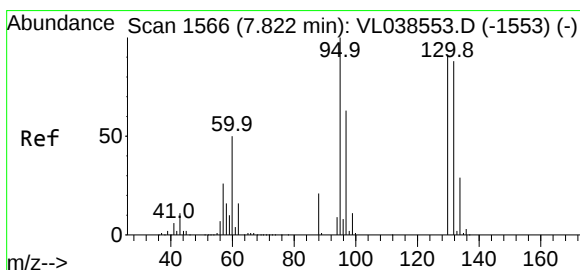
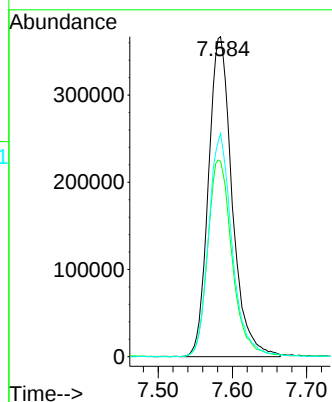
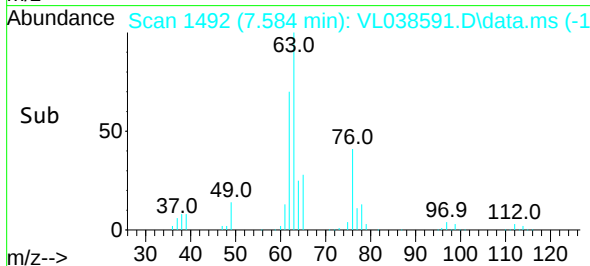
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 814229
Ion Ratio Lower Upper
63 100
41 61.0 49.8 74.6
62 69.7 56.7 85.1

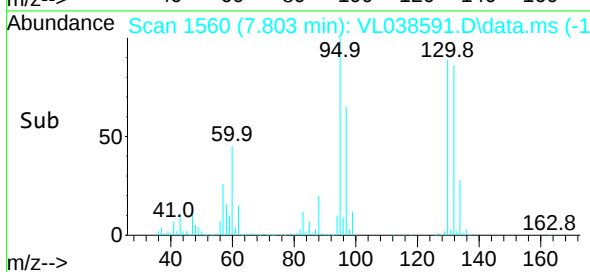
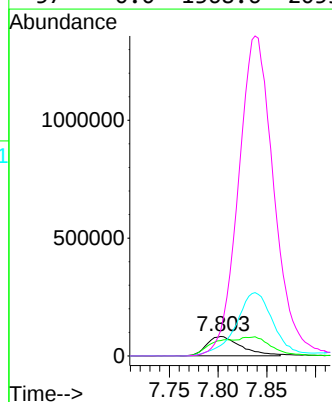
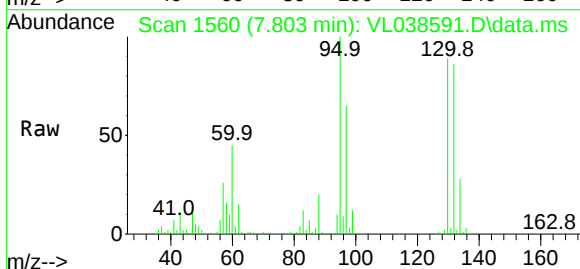
Manual Integrations
APPROVED

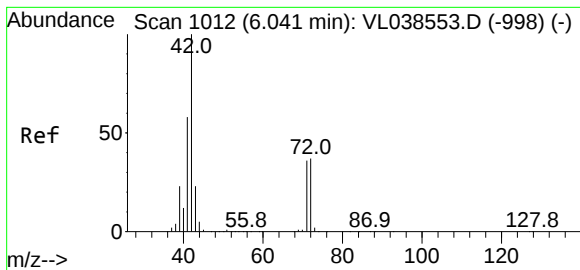
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 10.294 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

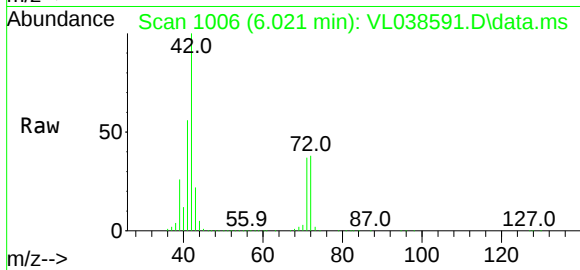
Tgt Ion: 88 Resp: 202571
Ion Ratio Lower Upper
88 100
58 0.0 126.7 190.1#
43 0.0 303.0 454.6#
57 0.0 1368.6 2053.0#





#41
Tetrahydrofuran
Concen: 10.222 ppbv
RT: 6.021 min Scan# 1012
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

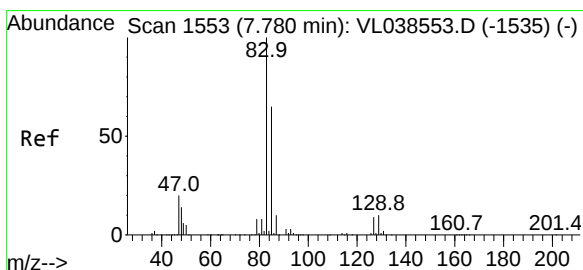
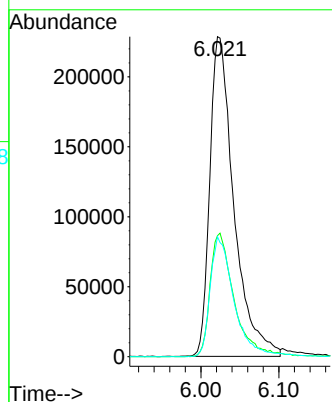
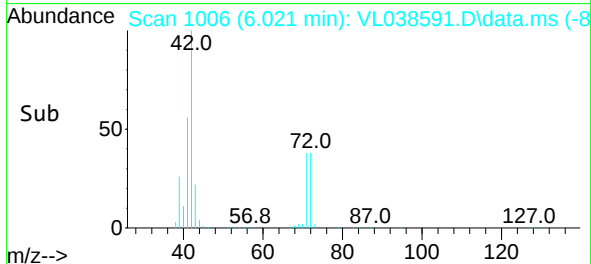
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 491088
Ion Ratio Lower Upper
42 100
72 39.0 30.9 46.3
71 37.3 29.1 43.7

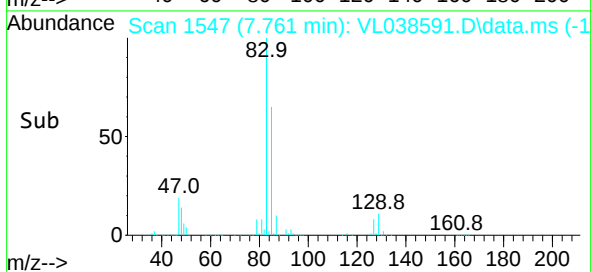
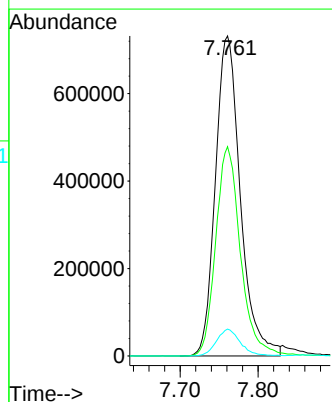
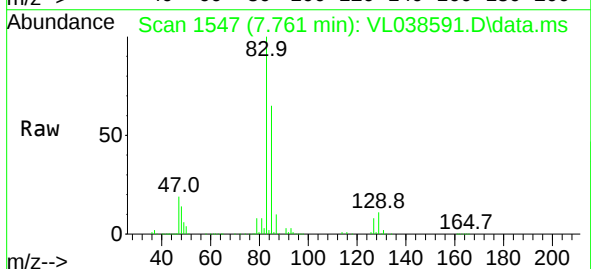
Manual Integrations
APPROVED

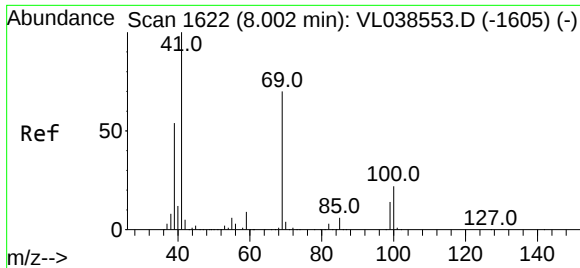
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 10.533 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Tgt Ion: 83 Resp: 1631797
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5
127 8.4 6.9 10.3





#43
Methyl Methacrylate
Concen: 10.843 ppbv
RT: 7.983 min Scan# 1616
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument :

MSVOA_L

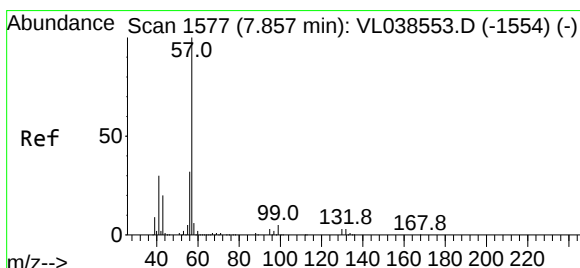
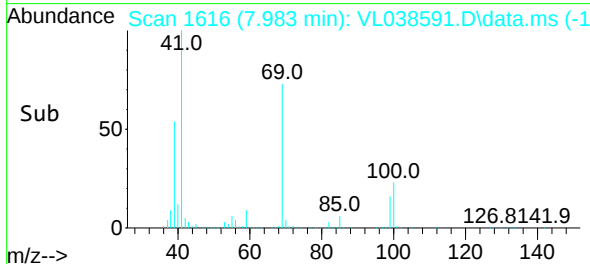
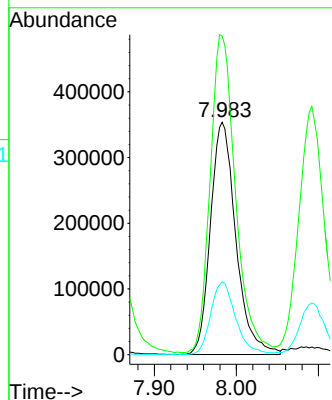
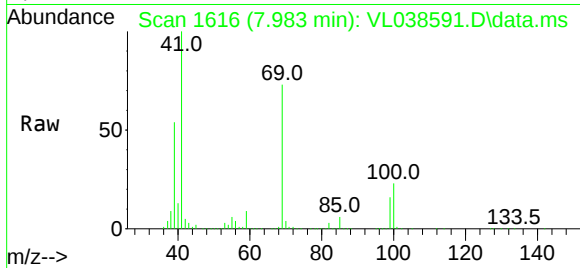
ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 760933
Ion Ratio Lower Upper
69 100
41 137.6 113.8 170.6
100 31.1 24.4 36.6

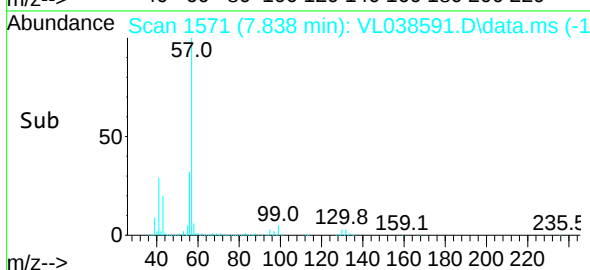
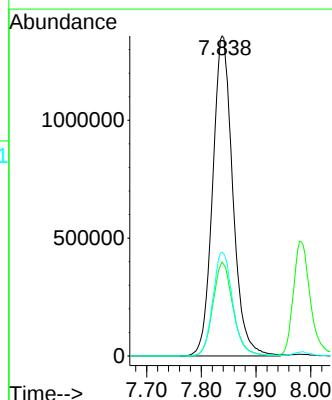
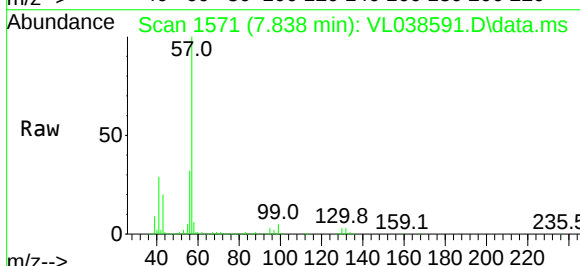
Manual Integrations
APPROVED

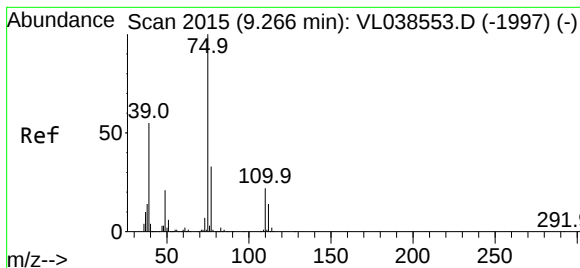
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
2,2,4-Trimethylpentane
Concen: 10.027 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

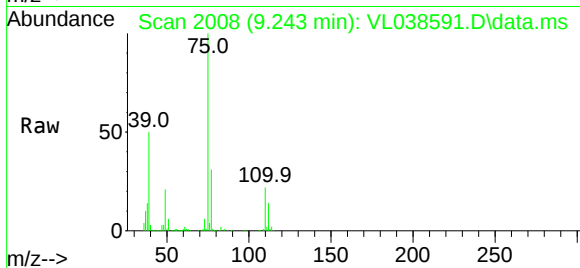
Tgt Ion: 57 Resp: 3466125
Ion Ratio Lower Upper
57 100
41 29.4 24.0 36.0
56 32.1 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 12.217 ppbv
RT: 9.243 min Scan# 2015
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

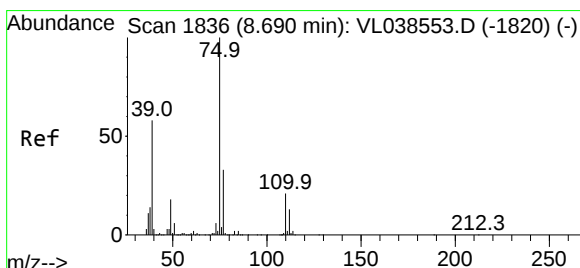
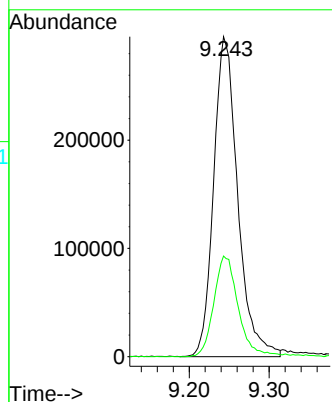
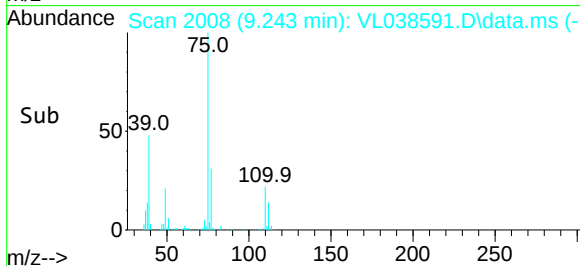
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



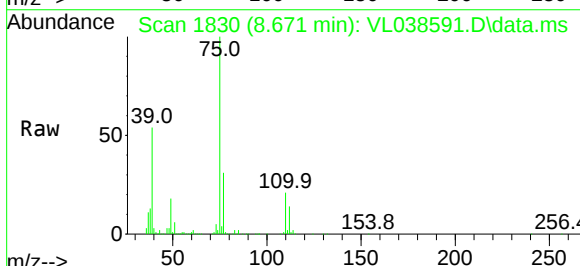
Tgt Ion: 75 Resp: 617862
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0

Manual Integrations
APPROVED

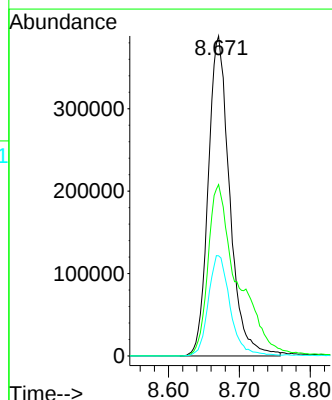
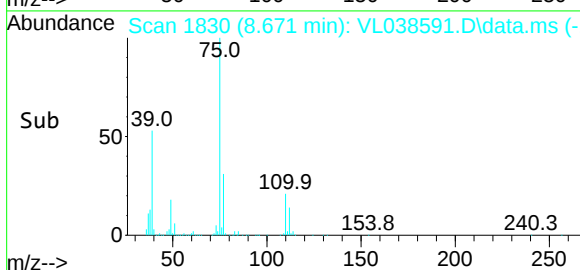
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

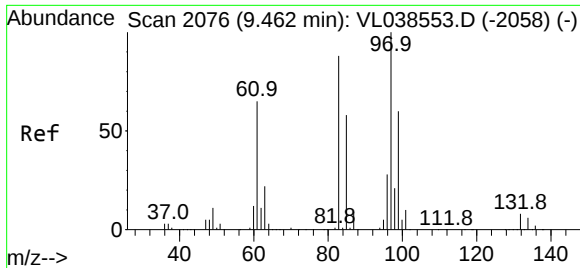


#46
cis-1,3-Dichloropropene
Concen: 11.788 ppbv
RT: 8.671 min Scan# 1830
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



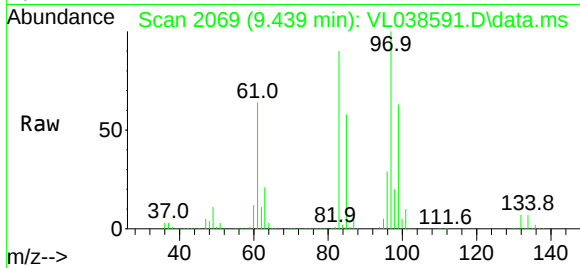
Tgt Ion: 75 Resp: 815231
Ion Ratio Lower Upper
75 100
39 53.5 46.2 69.2
77 31.3 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 10.716 ppbv
RT: 9.439 min Scan# 2076
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

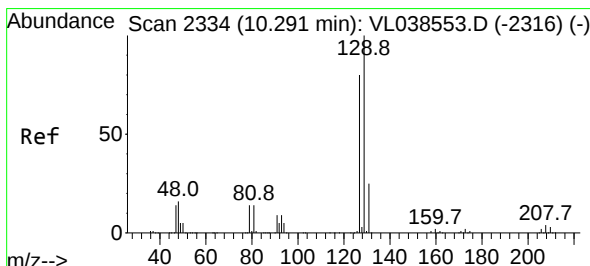
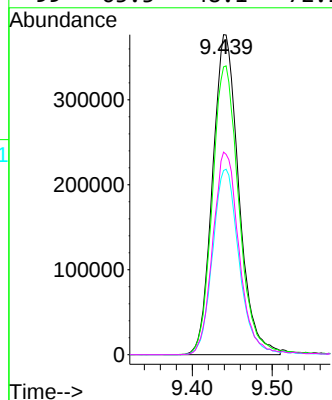
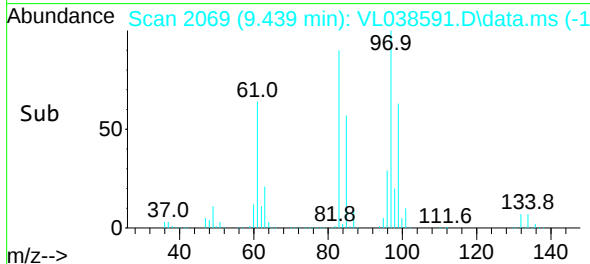
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



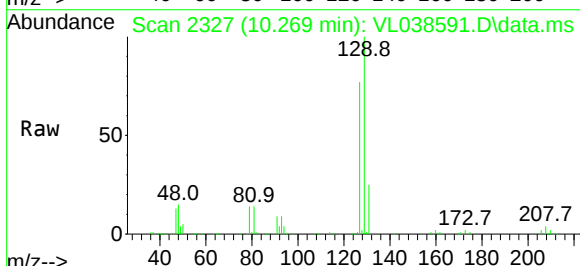
Tgt Ion: 97 Resp: 85875
Ion Ratio Lower Upper
97 100
83 89.9 70.1 105.1
85 57.5 46.6 69.8
99 63.3 48.1 72.1

Manual Integrations
APPROVED

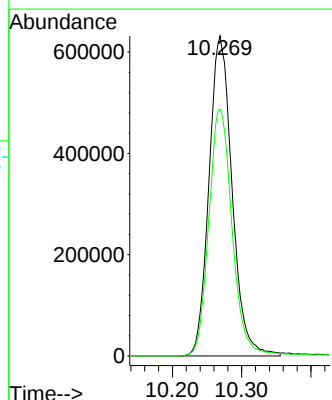
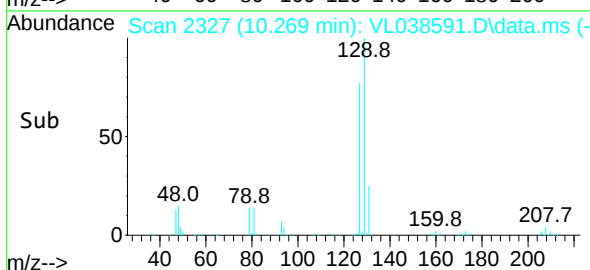
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

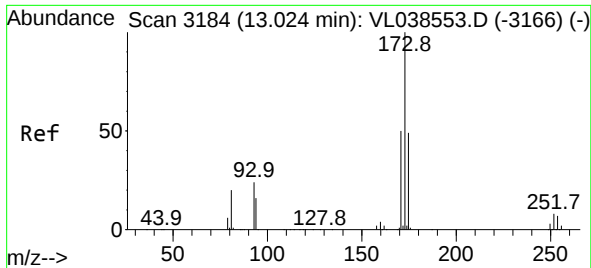


#48
Dibromochloromethane
Concen: 11.499 ppbv
RT: 10.269 min Scan# 2327
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



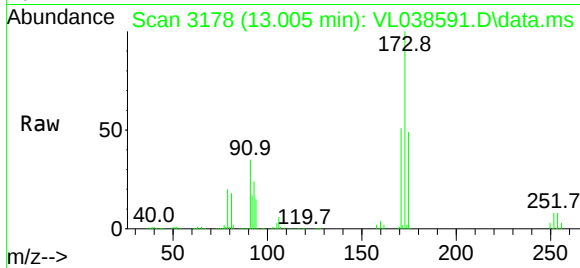
Tgt Ion:129 Resp: 1463103
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.3





#49
Bromoform
Concen: 12.479 ppbv
RT: 13.005 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

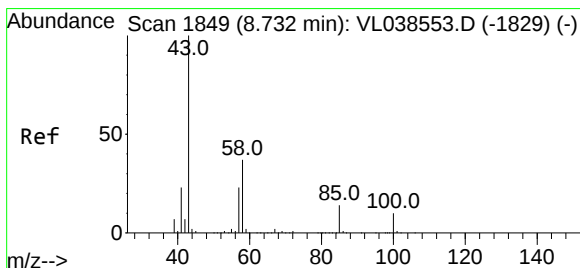
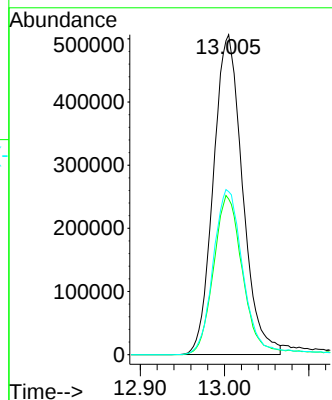
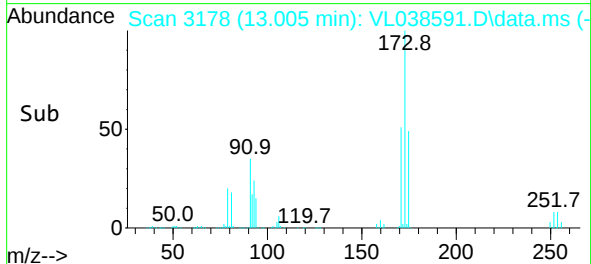
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 121620
Ion Ratio Lower Upper
173 100
175 51.6 40.7 61.1
171 54.7 42.9 64.3

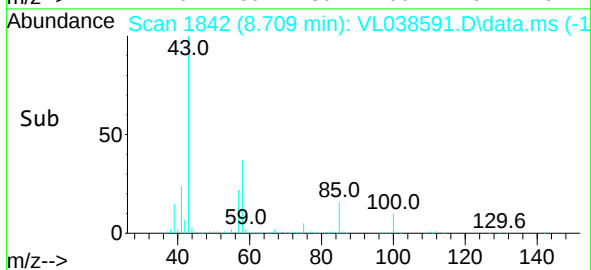
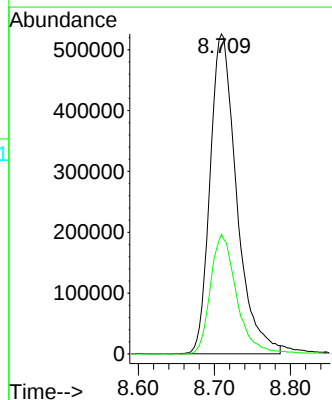
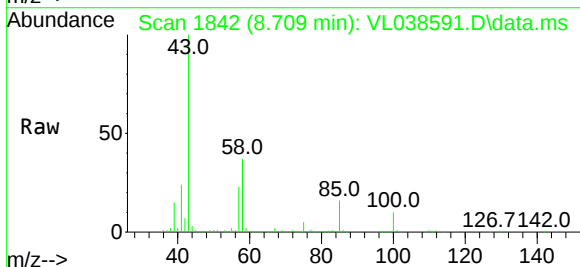
Manual Integrations
APPROVED

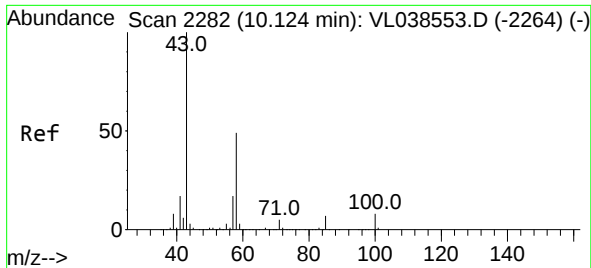
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 10.578 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

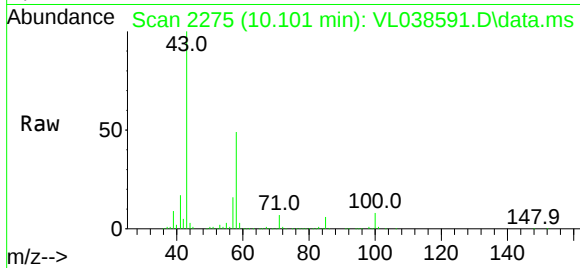
Tgt Ion: 43 Resp: 1273461
Ion Ratio Lower Upper
43 100
58 37.3 29.2 43.8





#51
2-Hexanone
Concen: 10.874 ppbv
RT: 10.101 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

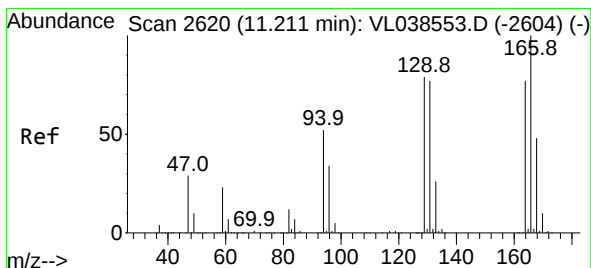
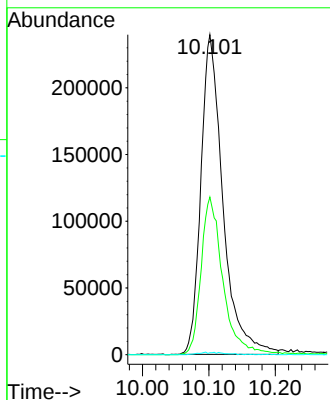
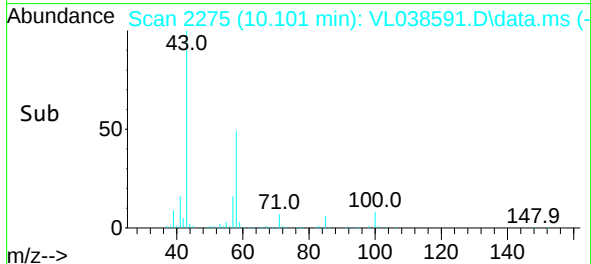
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



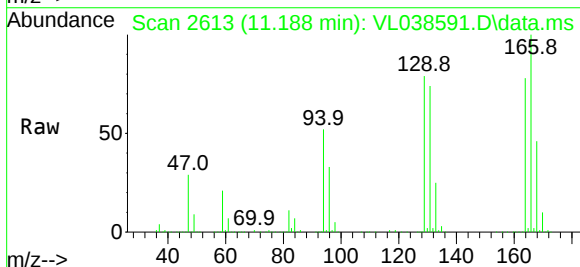
Tgt Ion: 43 Resp: 55320
Ion Ratio Lower Upper
43 100
58 49.1 40.1 60.1
98 0.8 0.4 0.6

Manual Integrations
APPROVED

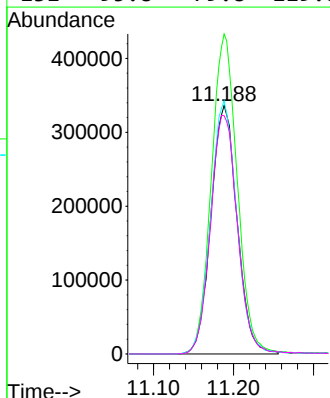
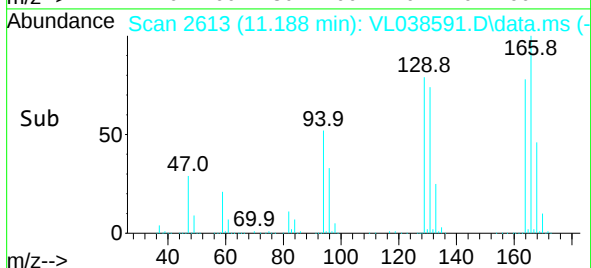
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

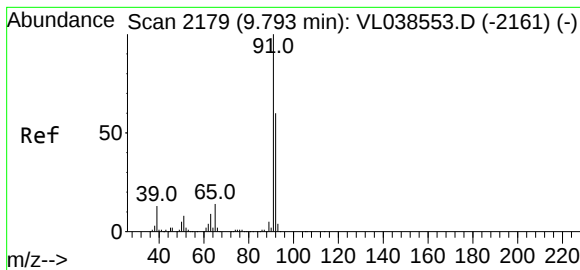


#52
Tetrachloroethene
Concen: 10.182 ppbv
RT: 11.188 min Scan# 2613
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



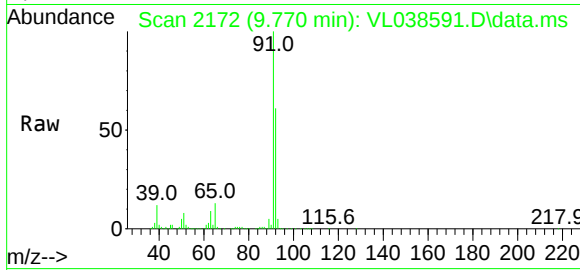
Tgt Ion:164 Resp: 762995
Ion Ratio Lower Upper
164 100
166 128.7 103.4 155.2
129 101.8 81.3 121.9
131 95.8 79.8 119.8





#53
Toluene
Concen: 10.995 ppbv
RT: 9.770 min Scan# 2179
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

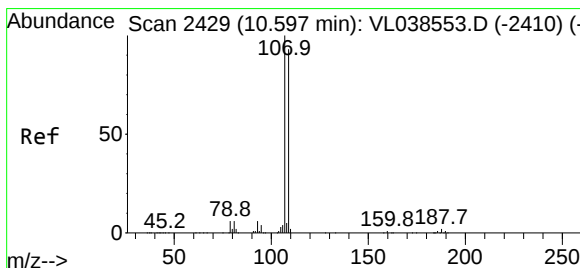
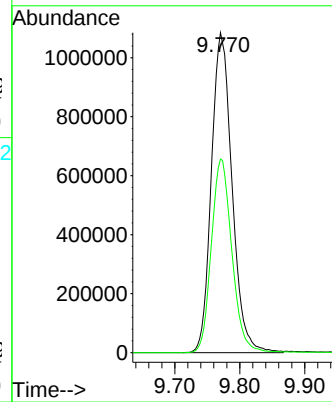
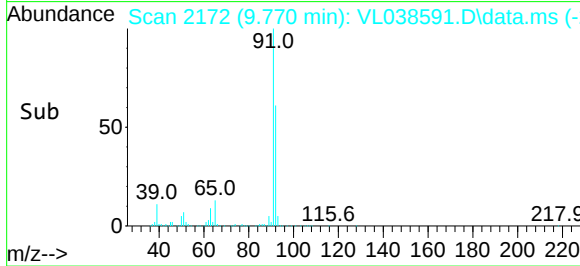
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



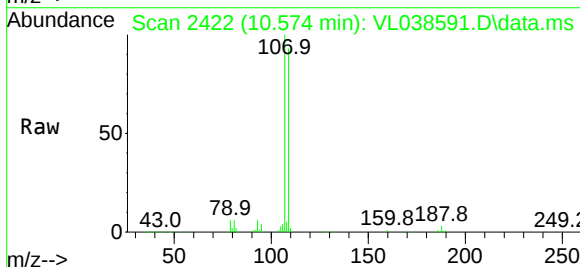
Tgt Ion: 91 Resp: 239954
Ion Ratio Lower Upper
91 100
92 60.5 48.1 72.1

Manual Integrations
APPROVED

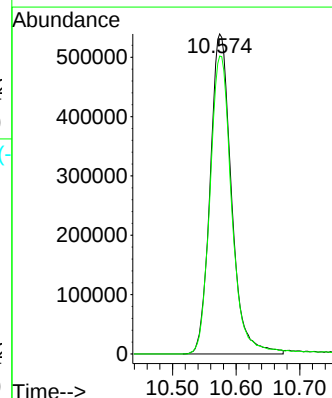
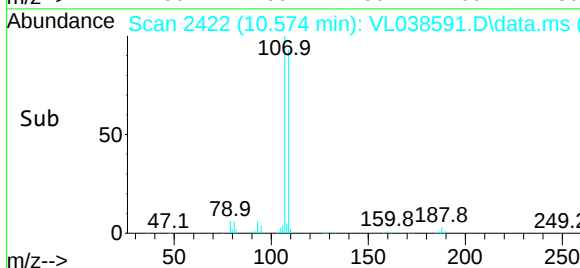
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

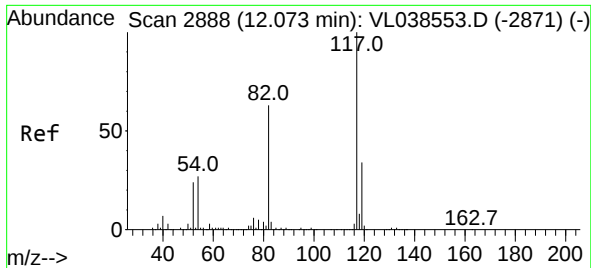


#54
1,2-Dibromoethane
Concen: 10.942 ppbv
RT: 10.574 min Scan# 2422
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



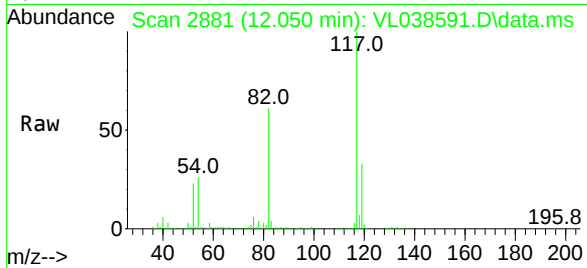
Tgt Ion:107 Resp: 1252905
Ion Ratio Lower Upper
107 100
109 93.1 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.050 min Scan# 2881
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

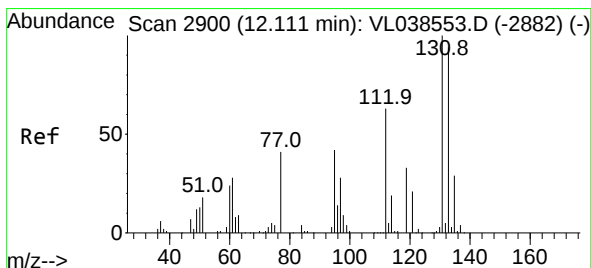
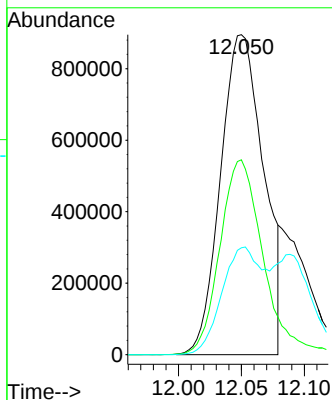
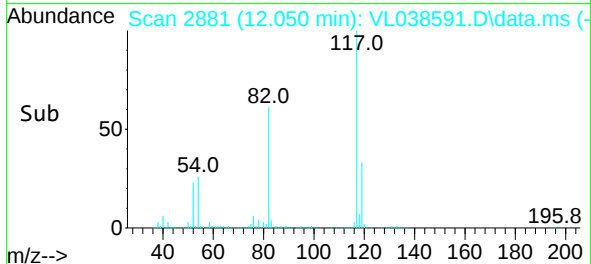
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



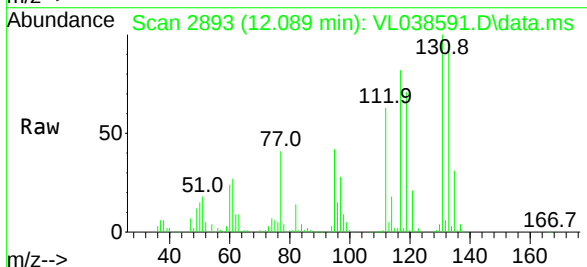
Tgt Ion:117 Resp: 212742
Ion Ratio Lower Upper
117 100
82 63.0 52.5 78.7
119 28.9 46.4 69.6

Manual Integrations
APPROVED

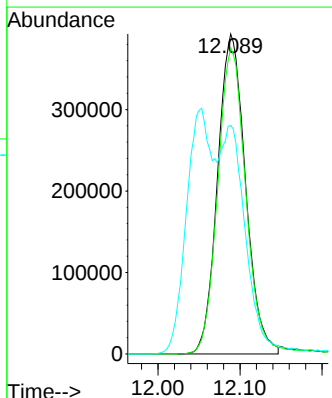
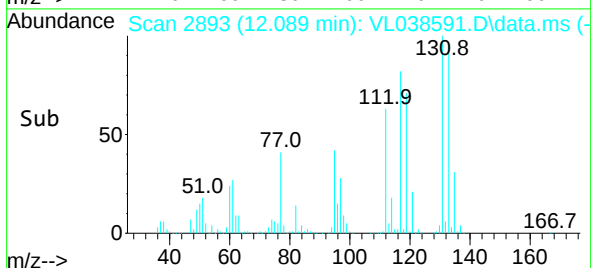
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

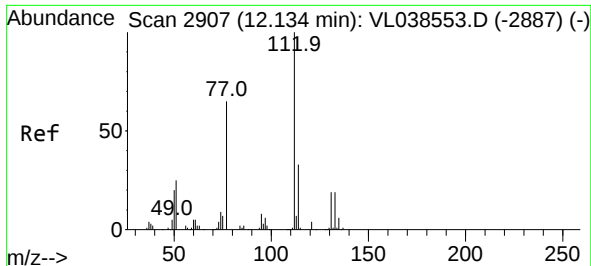


#56
1,1,1,2-Tetrachloroethane
Concen: 10.709 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



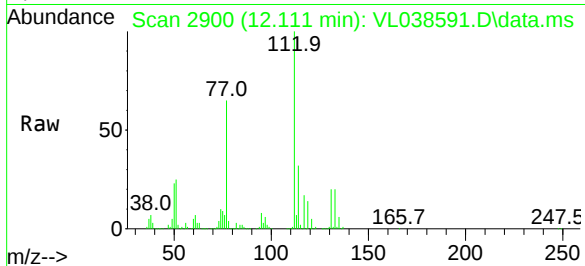
Tgt Ion:131 Resp: 927968
Ion Ratio Lower Upper
131 100
133 98.5 78.0 117.0
119 66.3 53.1 79.7





#57
Chlorobenzene
Concen: 10.520 ppbv
RT: 12.111 min Scan# 2907
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

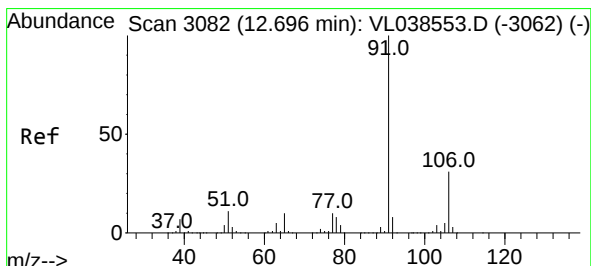
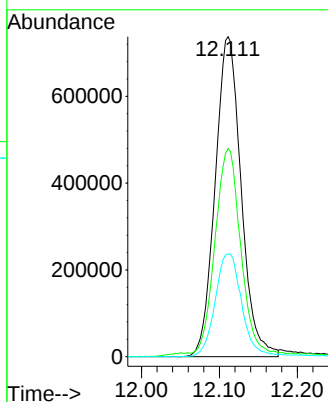
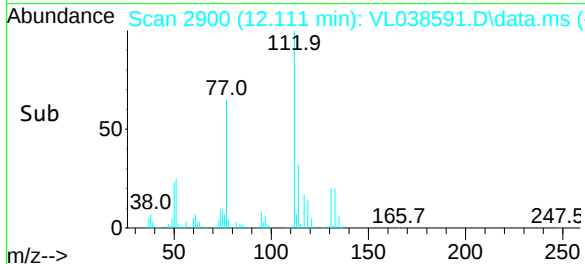
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



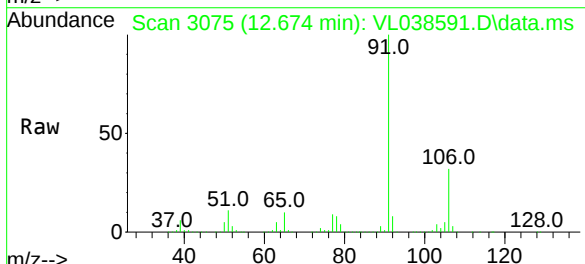
Tgt Ion:112 Resp: 1708640
Ion Ratio Lower Upper
112 100
77 64.1 52.5 78.7
114 32.0 30.0 36.6

Manual Integrations
APPROVED

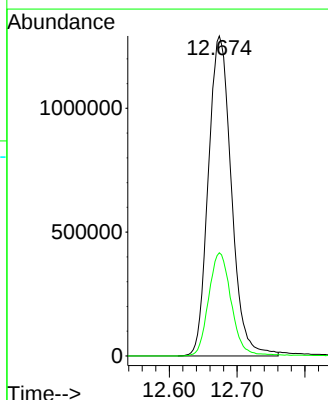
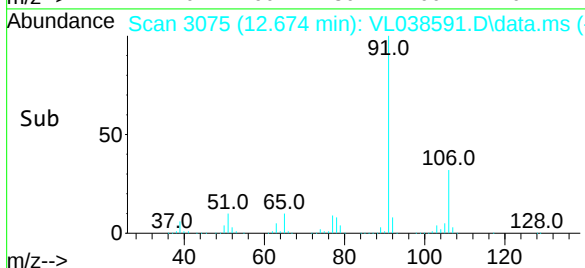
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

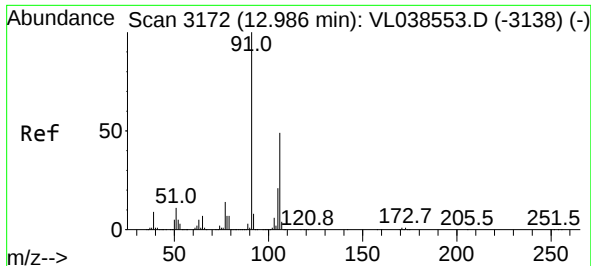


#58
Ethyl Benzene
Concen: 11.074 ppbv
RT: 12.674 min Scan# 3075
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



Tgt Ion: 91 Resp: 3050322
Ion Ratio Lower Upper
91 100
106 32.2 24.6 37.0





#59

m/p-Xylene

Concen: 21.486 ppbv m

RT: 12.960 min Scan# 3172

Delta R.T. -0.026 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 5066620

Ion Ratio Lower Upper

91 100

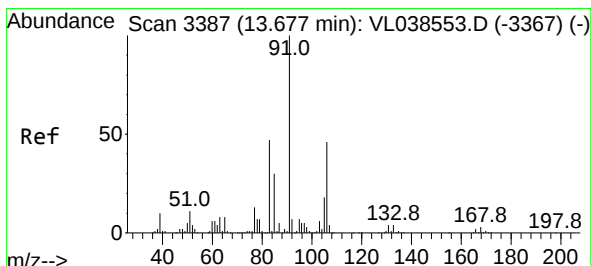
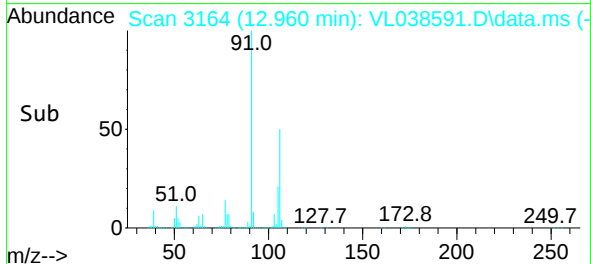
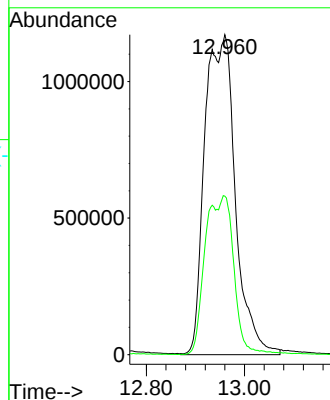
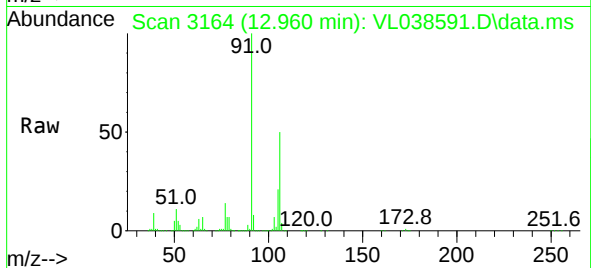
106 47.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#60

o-Xylene

Concen: 10.766 ppbv

RT: 13.658 min Scan# 3381

Delta R.T. -0.019 min

Lab File: VL038591.D

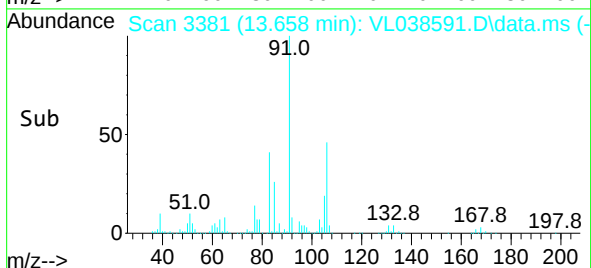
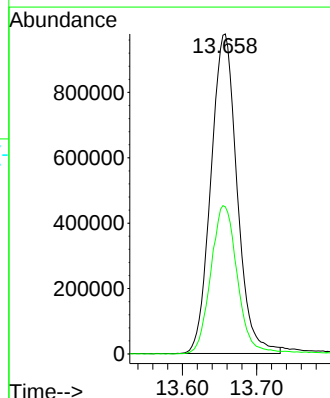
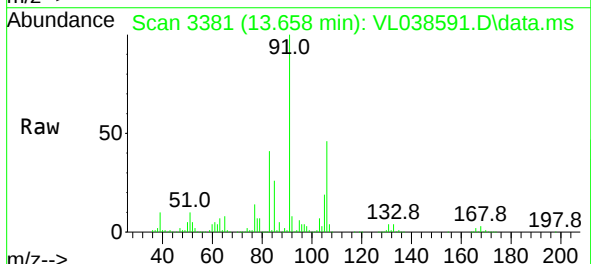
Acq: 14 Mar 2022 9:35

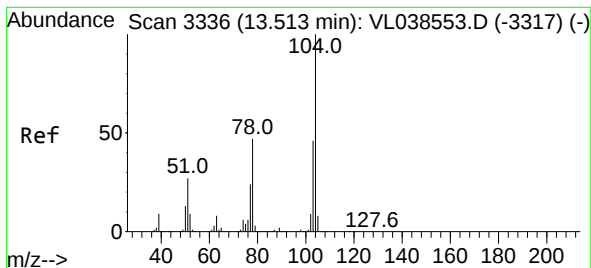
Tgt Ion: 91 Resp: 2397314

Ion Ratio Lower Upper

91 100

106 48.1 23.5 70.6





#61

Styrene

Concen: 12.036 ppbv

RT: 13.490 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1320689

Ion Ratio Lower Upper

104 100

78 47.9 39.0 58.4

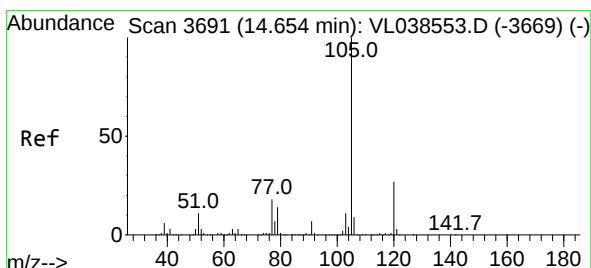
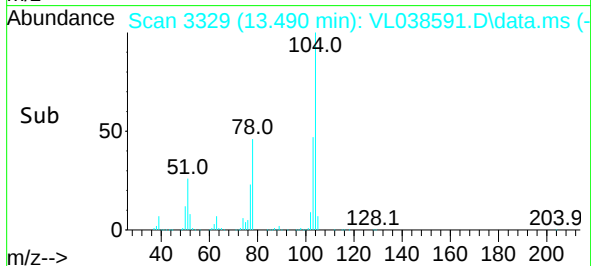
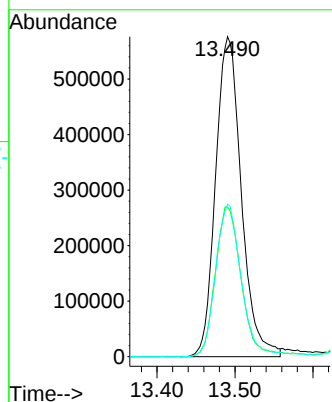
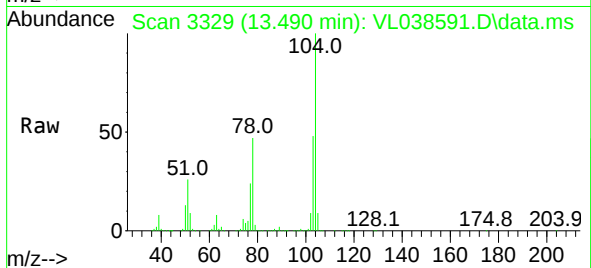
103 48.1 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#62

Isopropylbenzene

Concen: 10.992 ppbv

RT: 14.629 min Scan# 3683

Delta R.T. -0.026 min

Lab File: VL038591.D

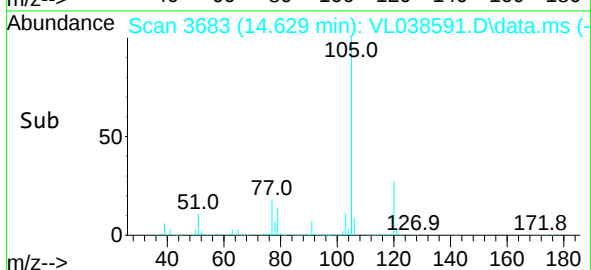
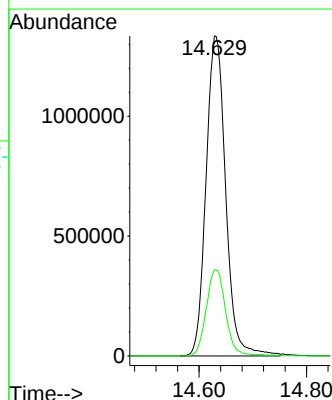
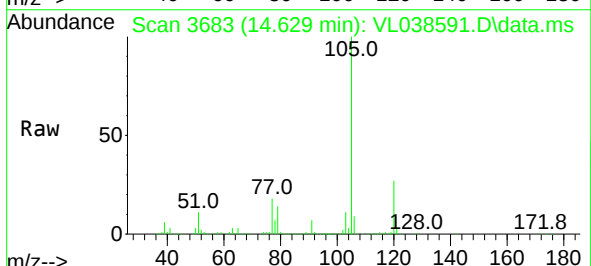
Acq: 14 Mar 2022 9:35

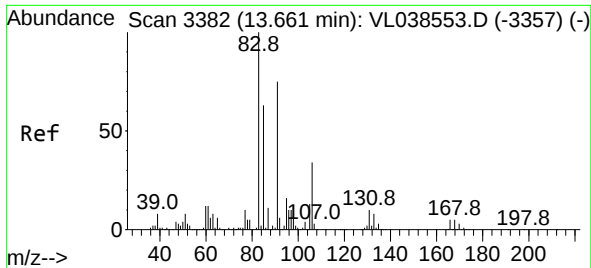
Tgt Ion:105 Resp: 3377412

Ion Ratio Lower Upper

105 100

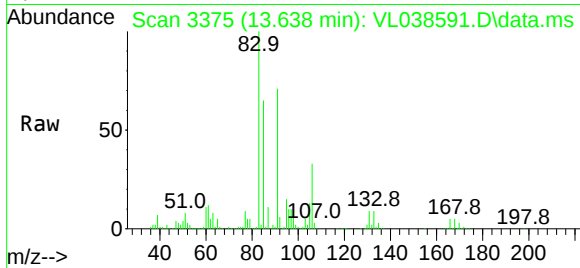
120 26.8 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.906 ppbv
RT: 13.638 min Scan# 31
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

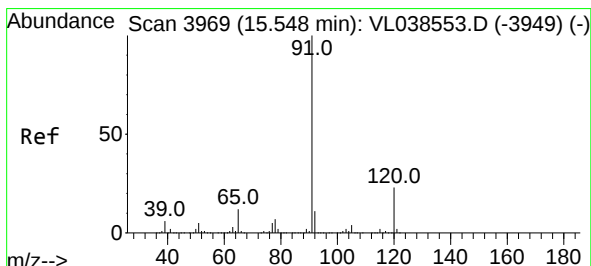
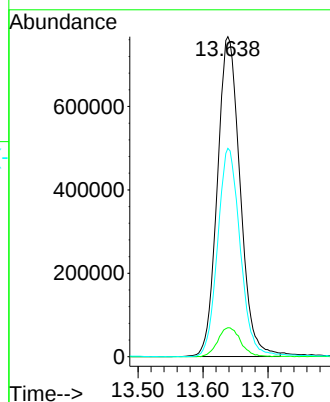
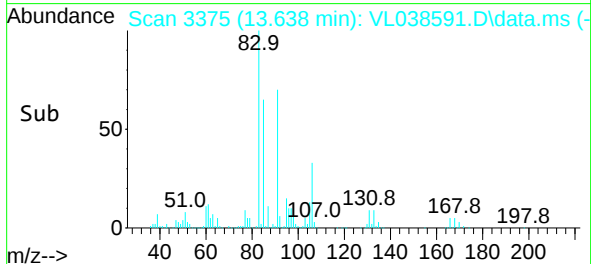
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1863680
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 65.4 32.6 98.0

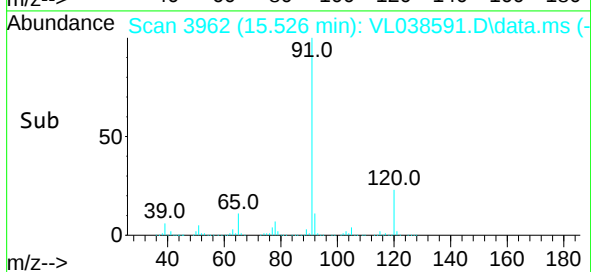
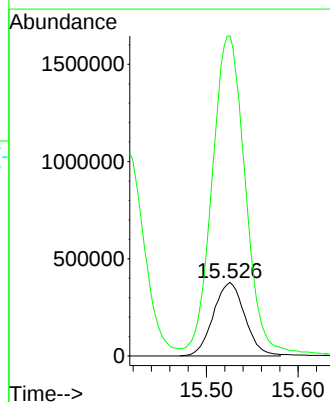
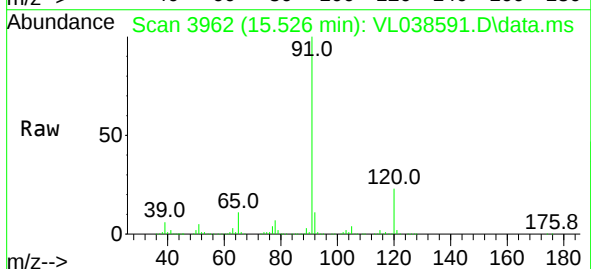
Manual Integrations
APPROVED

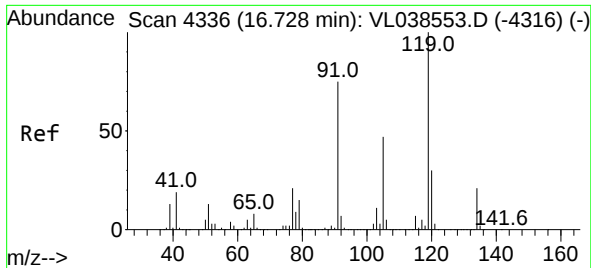
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#64
n-propylbenzene
Concen: 11.531 ppbv
RT: 15.526 min Scan# 3962
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Tgt Ion:120 Resp: 902916
Ion Ratio Lower Upper
120 100
91 462.1 374.2 561.2





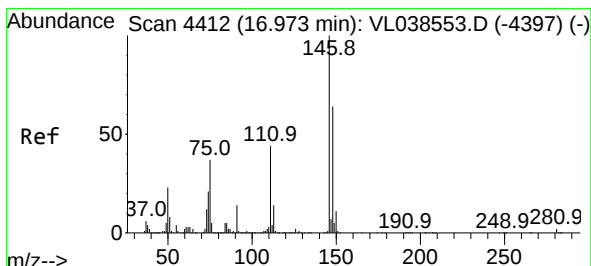
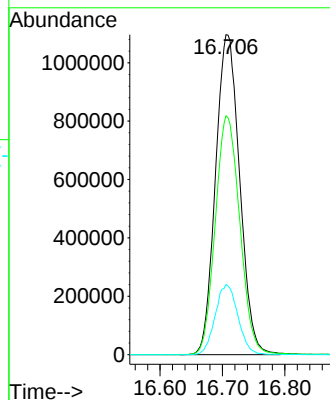
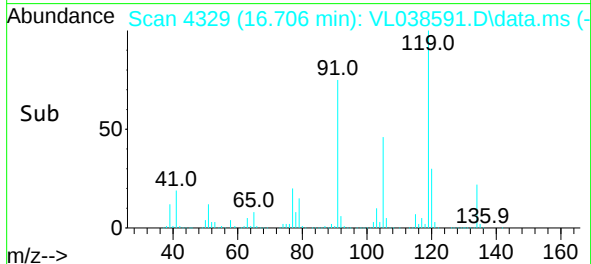
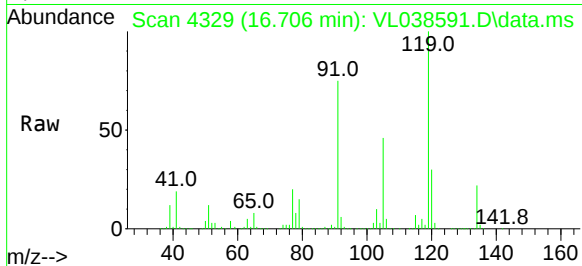
#65
tert-Butylbenzene
Concen: 10.738 ppbv
RT: 16.706 min Scan# 411
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2950434
Ion Ratio Lower Upper
119 100
91 75.7 61.2 91.8
134 20.7 16.2 24.2

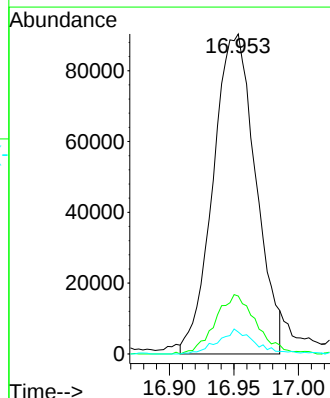
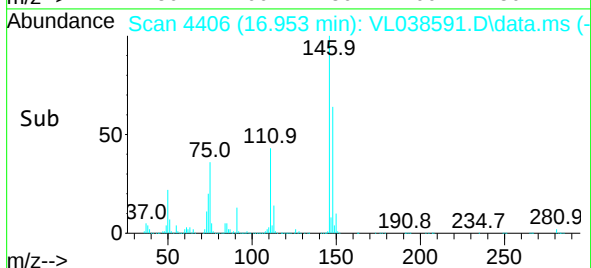
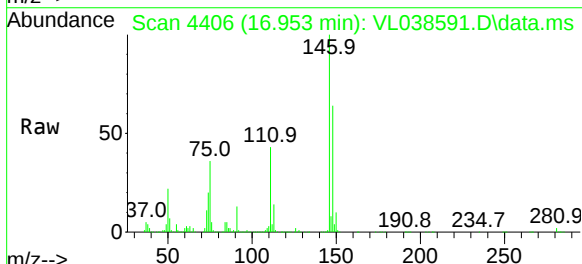
Manual Integrations
APPROVED

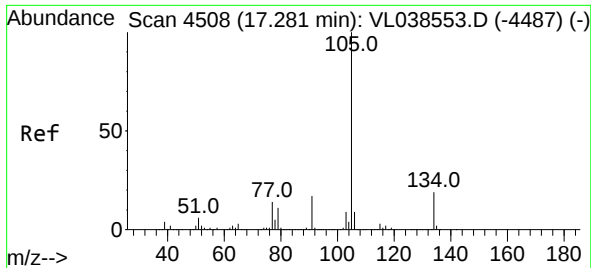
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 12.745 ppbv m
RT: 16.953 min Scan# 4406
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

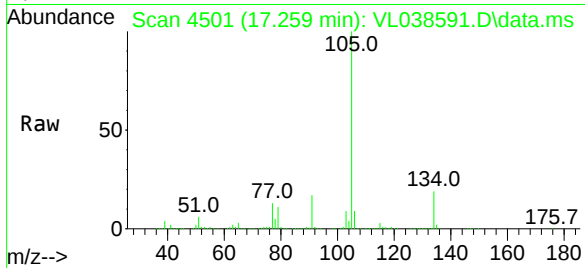
Tgt Ion: 91 Resp: 207487
Ion Ratio Lower Upper
91 100
126 18.3 14.1 21.1
128 6.8 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 10.756 ppbv
 RT: 17.259 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

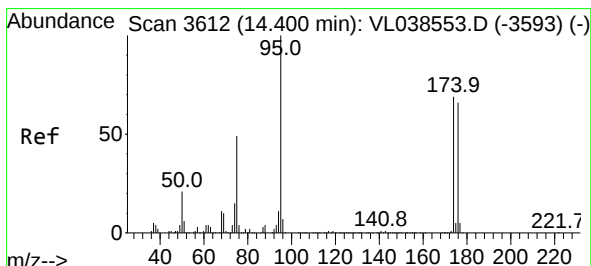
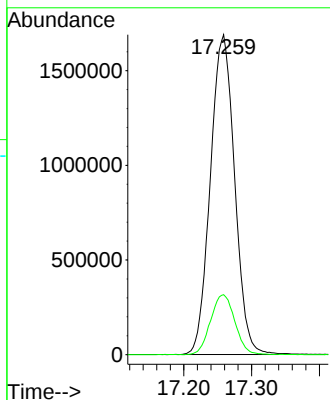
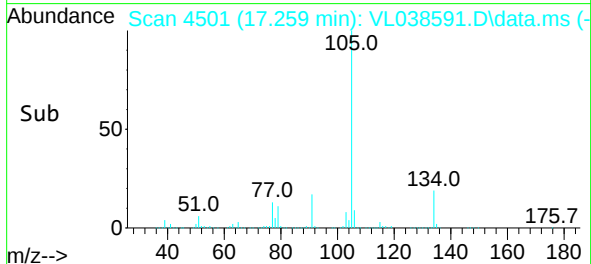
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



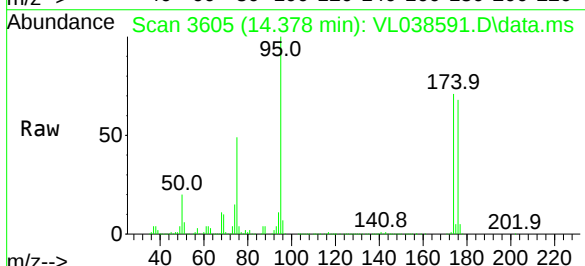
Tgt Ion:105 Resp: 420046
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.0 22.6

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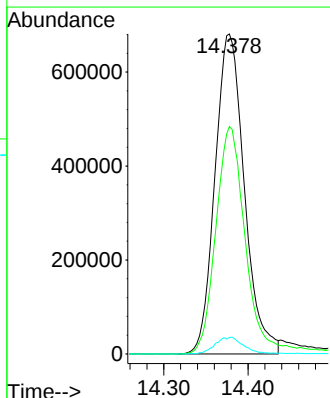
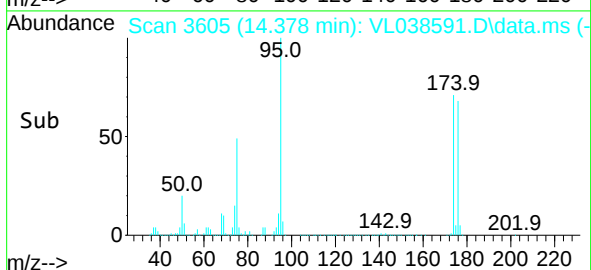
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

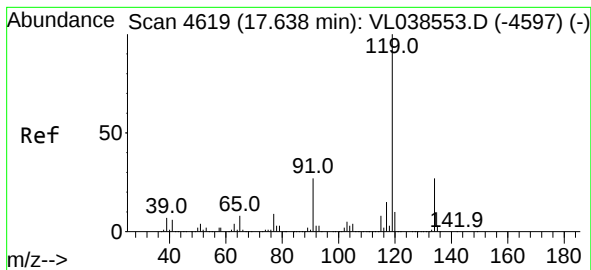


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.175 ppbv
 RT: 14.378 min Scan# 3605
 Delta R.T. -0.023 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35



Tgt Ion: 95 Resp: 1645795
 Ion Ratio Lower Upper
 95 100
 174 73.5 56.2 84.4
 175 5.4 4.2 6.2





#69

p-Isopropyltoluene

Concen: 10.677 ppbv

RT: 17.616 min Scan# 4612

Delta R.T. -0.023 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 3454124

Ion Ratio Lower Upper

119 100

134 26.5 20.9 31.3

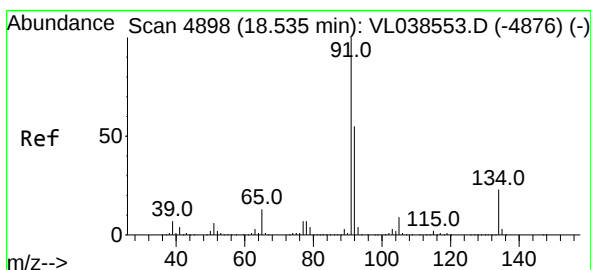
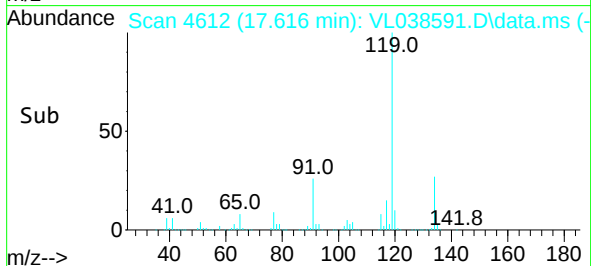
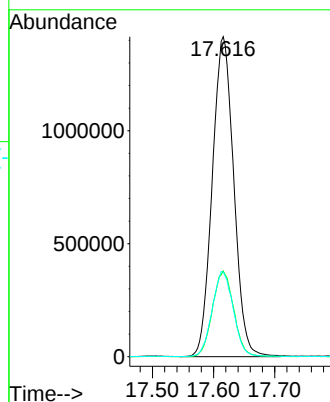
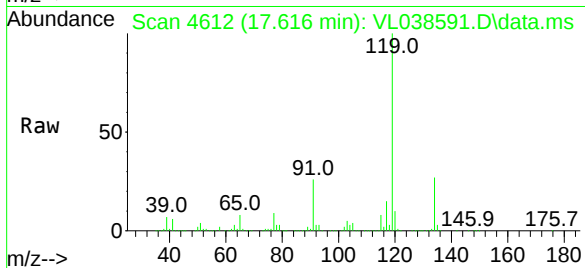
91 26.3 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#70

n-Butylbenzene

Concen: 10.276 ppbv

RT: 18.513 min Scan# 4891

Delta R.T. -0.023 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

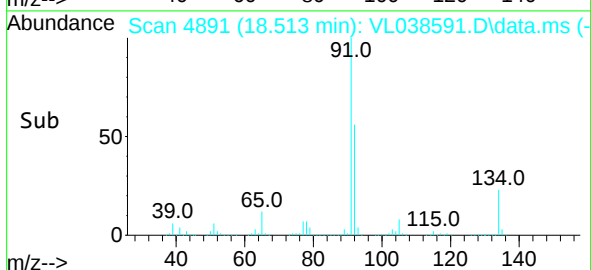
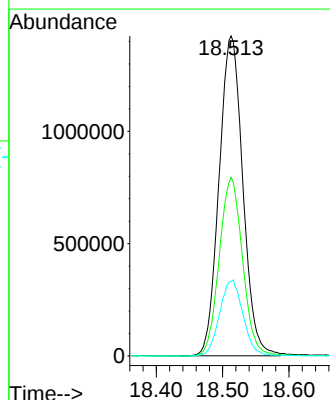
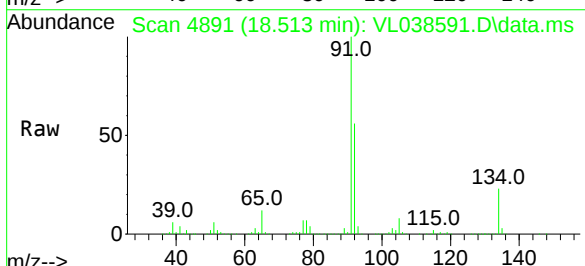
Tgt Ion: 91 Resp: 3540674

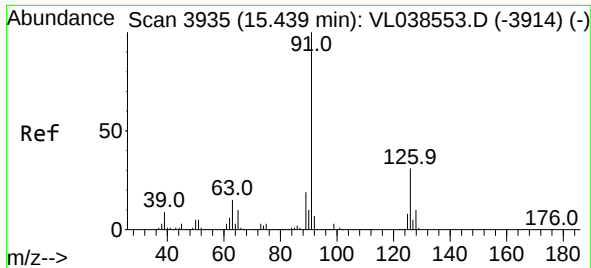
Ion Ratio Lower Upper

91 100

92 55.0 43.8 65.8

134 23.6 18.7 28.1





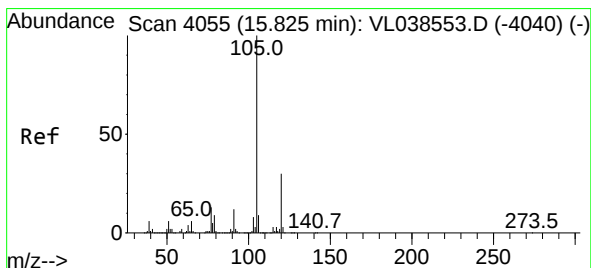
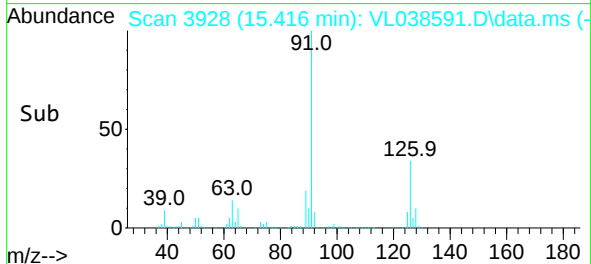
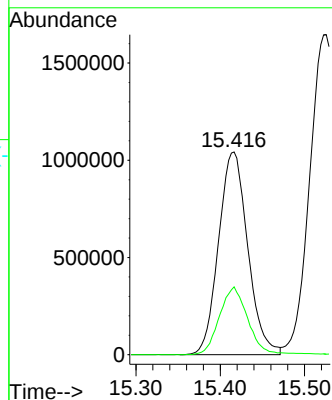
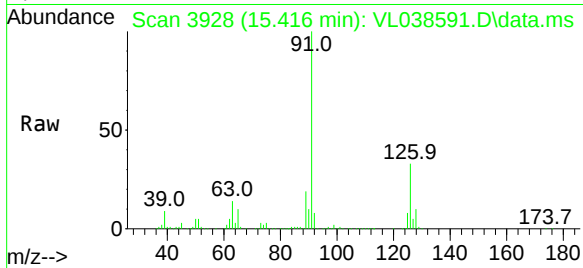
#71
2-Chlorotoluene
Concen: 11.005 ppbv
RT: 15.416 min Scan# 3935
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 2510540
Ion Ratio Lower Upper
91 100
126 33.1 12.9 51.7

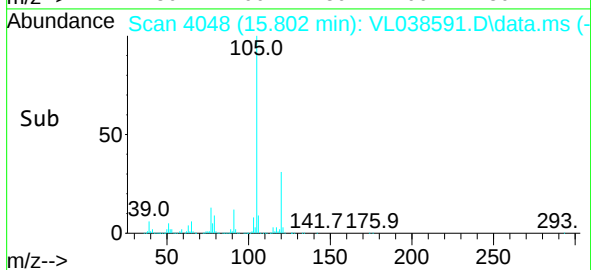
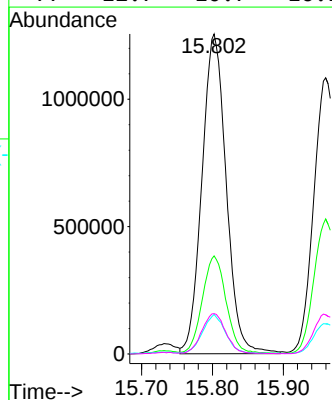
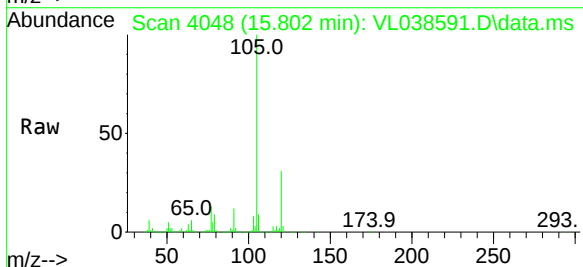
Manual Integrations
APPROVED

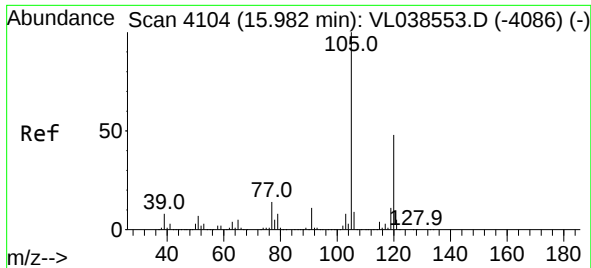
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
4-Ethyltoluene
Concen: 11.687 ppbv
RT: 15.802 min Scan# 4048
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

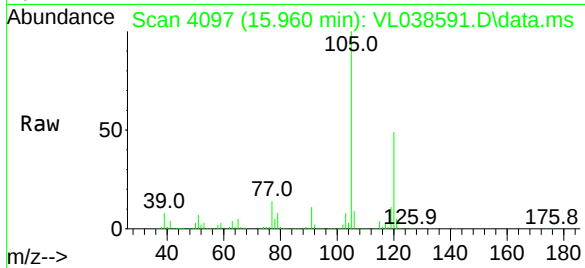
Tgt Ion:105 Resp: 2989396
Ion Ratio Lower Upper
105 100
120 30.5 25.0 37.4
91 11.5 9.8 14.6
77 12.7 10.7 16.1





#73
 1,3,5-Trimethylbenzene
 Concen: 11.019 ppbv
 RT: 15.960 min Scan# 4097
 Delta R.T. -0.023 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

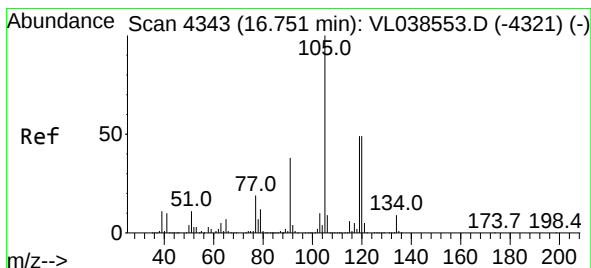
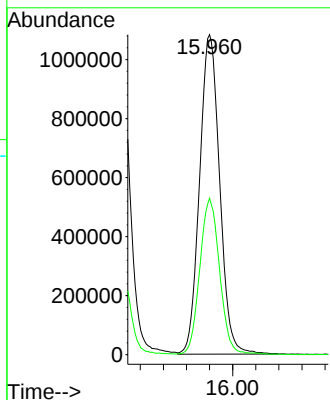
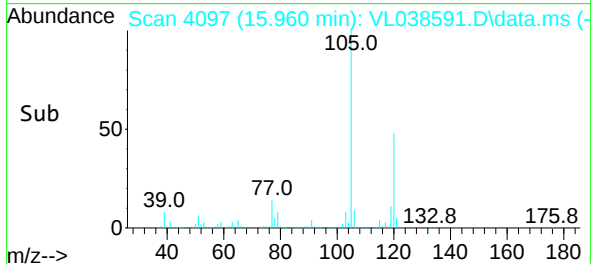
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



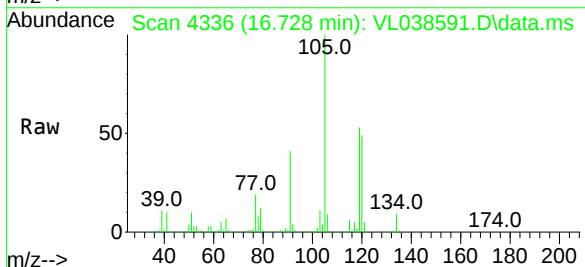
Tgt Ion:105 Resp: 261638
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.3 57.5

Manual Integrations
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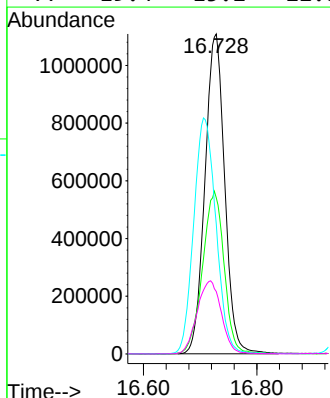
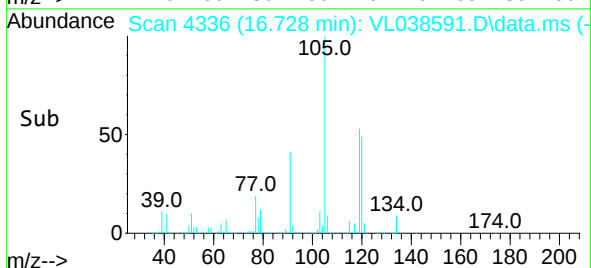
Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

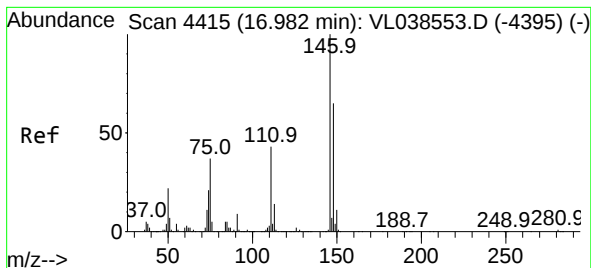


#74
 1,2,4-Trimethylbenzene
 Concen: 10.584 ppbv
 RT: 16.728 min Scan# 4336
 Delta R.T. -0.023 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35



Tgt Ion:105 Resp: 2684711
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.9 58.3
 91 40.4 30.6 46.0
 77 19.4 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 10.817 ppbv

RT: 16.957 min Scan# 4407

Delta R.T. -0.026 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1731104

Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.8

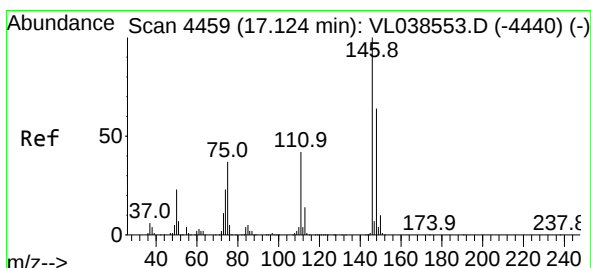
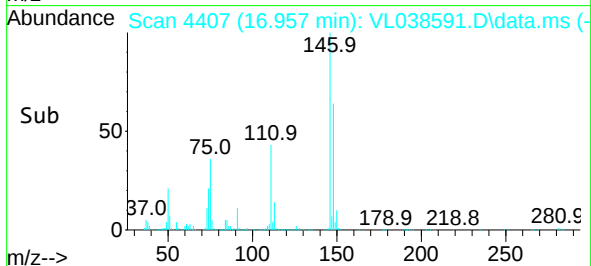
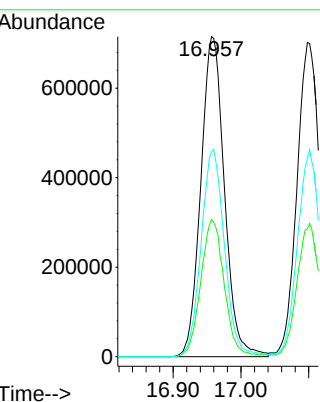
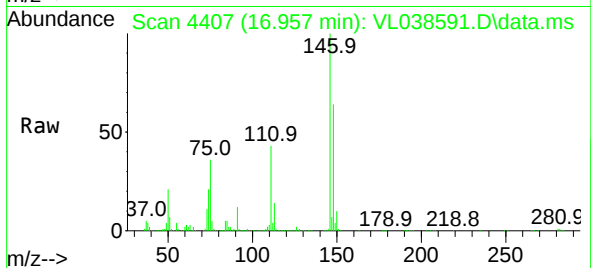
148 64.4 32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2022

Supervised By :Mahesh Dadoda 03/18/2022



#76

1,4-Dichlorobenzene

Concen: 10.623 ppbv

RT: 17.098 min Scan# 4451

Delta R.T. -0.026 min

Lab File: VL038591.D

Acq: 14 Mar 2022 9:35

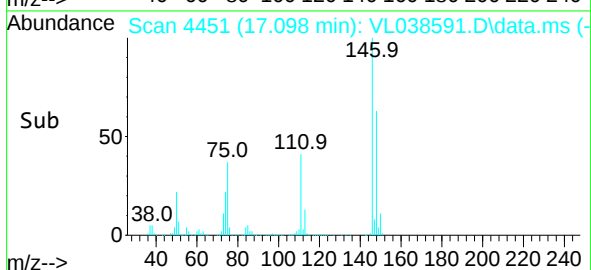
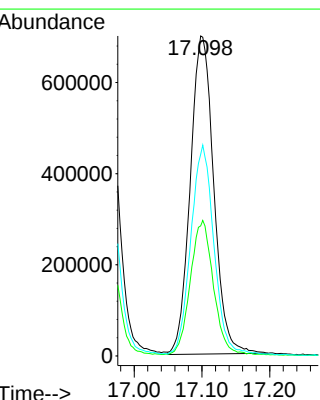
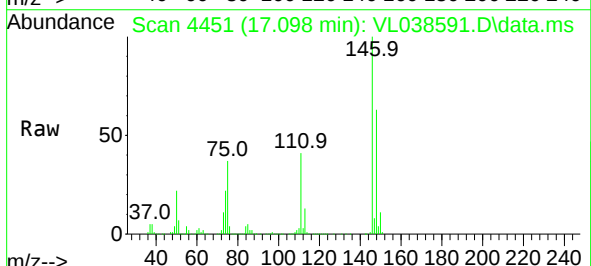
Tgt Ion:146 Resp: 1683946

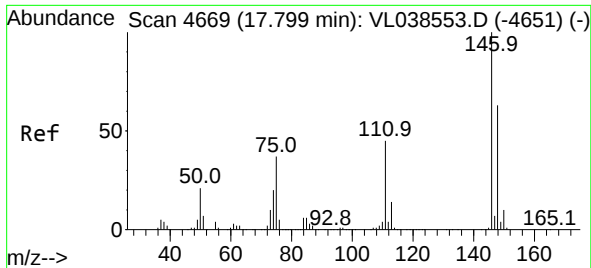
Ion Ratio Lower Upper

146 100

111 42.6 21.8 65.3

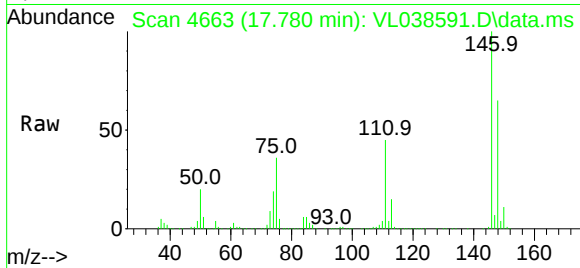
148 66.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.202 ppbv
RT: 17.780 min Scan# 4663
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

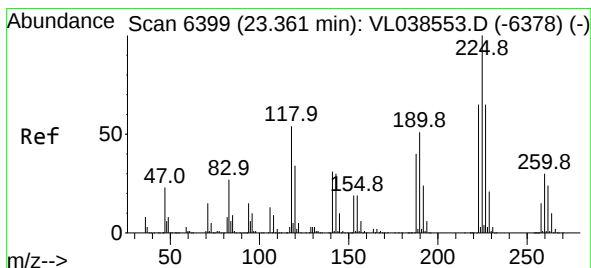
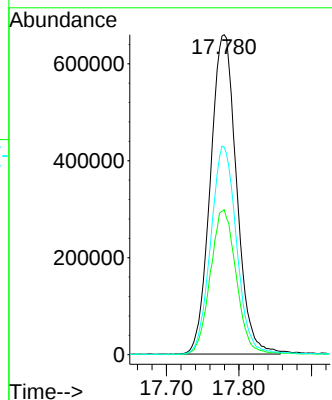
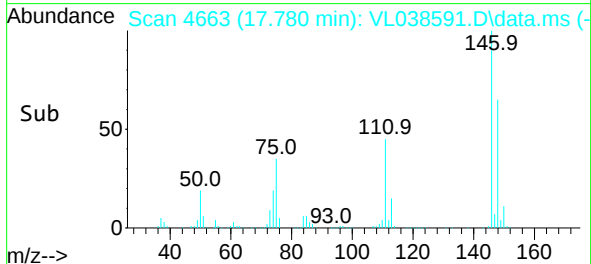
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



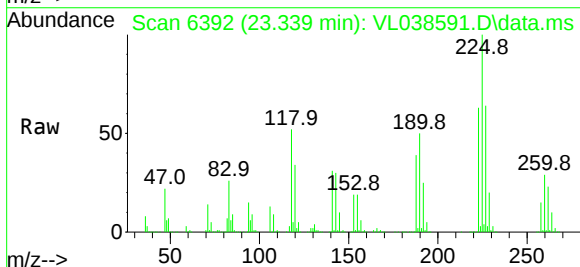
Tgt Ion:146 Resp: 165180
Ion Ratio Lower Upper
146 100
111 45.2 23.2 69.5
148 65.1 32.6 98.0

Manual Integrations
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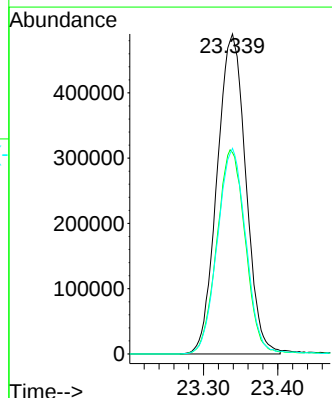
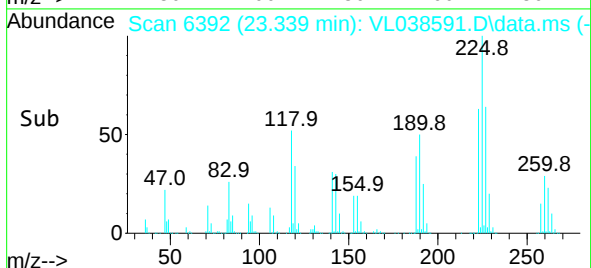
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

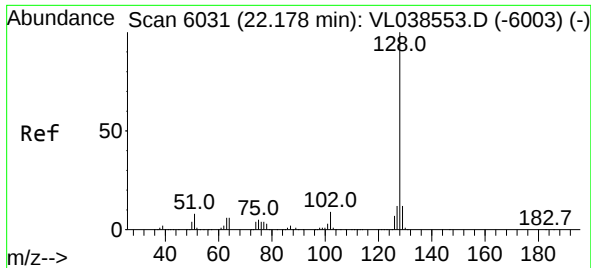


#78
Hexachloro-1,3-Butadiene
Concen: 8.336 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.023 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



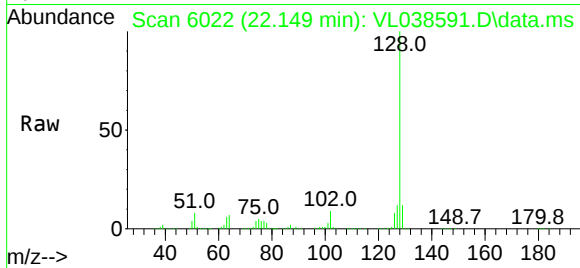
Tgt Ion:225 Resp: 1316481
Ion Ratio Lower Upper
225 100
223 64.0 51.4 77.0
227 64.3 51.9 77.9





#79
Naphthalene
Concen: 10.756 ppbv
RT: 22.149 min Scan# 6031
Delta R.T. -0.029 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35

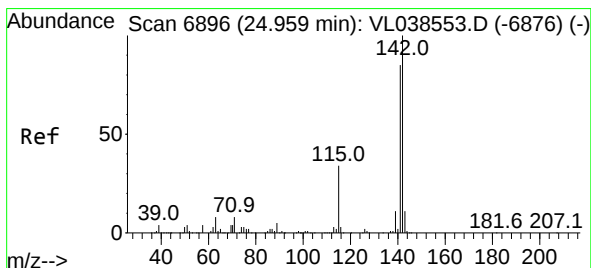
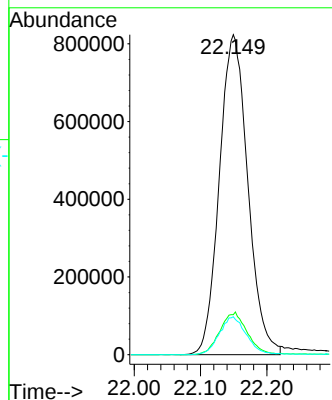
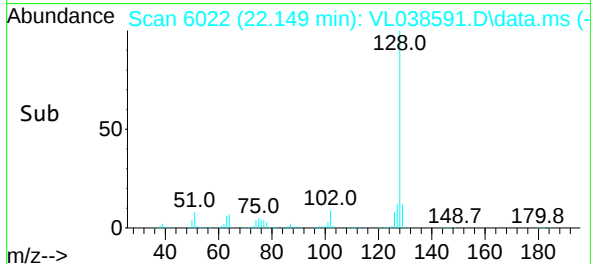
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



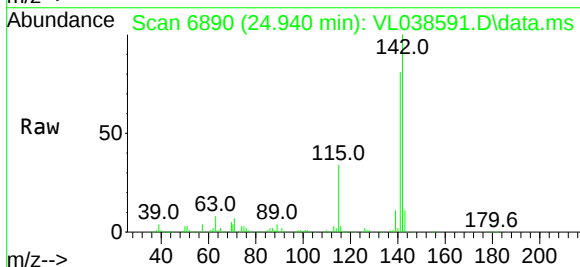
Tgt Ion:128 Resp: 2454400
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 11.9 9.3 13.9

Manual Integrations
APPROVED

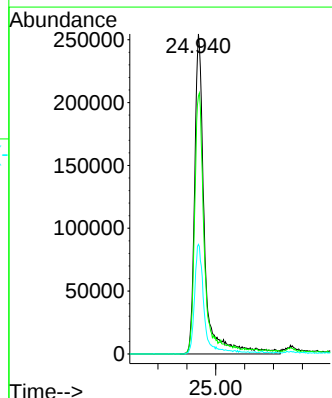
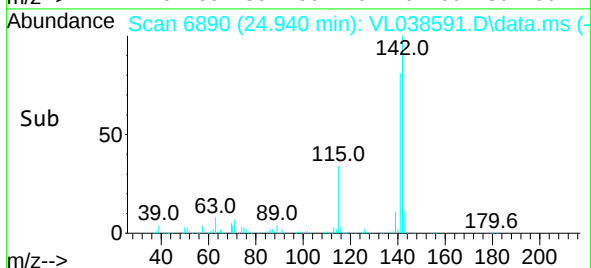
Reviewed By :Semsettin Yesilyurt 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

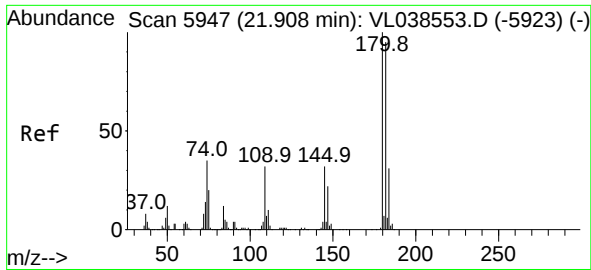


#80
Naphthalene,2-methyl-
Concen: 14.971 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.019 min
Lab File: VL038591.D
Acq: 14 Mar 2022 9:35



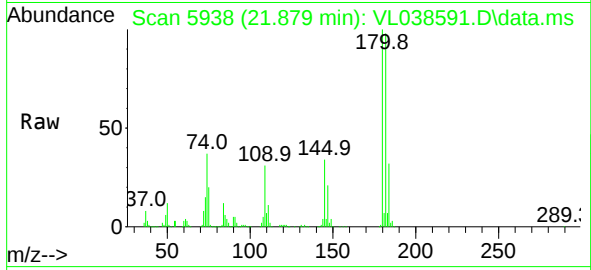
Tgt Ion:142 Resp: 602959
Ion Ratio Lower Upper
142 100
141 82.4 68.4 102.6
115 33.6 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.543 ppbv
 RT: 21.879 min Scan# 5947
 Delta R.T. -0.029 min
 Lab File: VL038591.D
 Acq: 14 Mar 2022 9:35

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



Tgt Ion:180 Resp: 1391340

Ion	Ratio	Lower	Upper
180	100		
182	99.2	79.1	118.7
184	31.3	25.0	37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2022
 Supervised By :Mahesh Dadoda 03/18/2022

