

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039113.D
 Acq On : 24 May 2022 10:28
 Operator : SY/AP
 Sample : VSTDCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 25 04:16:09 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:07:53 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	1096056	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.150	114	2680084	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2484205m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.378 95 1942863 9.875 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.038	85	1192118	6.942	ppbv	99
3) Chlorodifluoromethane	2.980	51	1361923	10.014	ppbv	98
4) Chloromethane	3.131	50	622530	9.140	ppbv	97
5) Vinyl Chloride	3.247	62	635485	10.218	ppbv	95
6) Bromomethane	3.465	94	302097	10.282	ppbv	92
7) Chloroethane	3.546	64	220517	10.593	ppbv	93
8) Dichlorotetrafluoroethane	3.179	85	1543683	9.918	ppbv	99
9) Propene	3.002	41	567968	9.563	ppbv	99
10) Heptane	8.095	43	1450631	9.955	ppbv	100
11) Trichlorofluoromethane	3.935	101	1464621	9.940	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.468	101	1055592	10.400	ppbv	97
13) Ethanol	3.594	45	56638m	13.475	ppbv	
14) Bromoethene	3.729	108	454655	10.862	ppbv	99
15) Acetone	3.832	43	1054872	10.203	ppbv	99
16) 1,3-Butadiene	3.317	39	596761	10.046	ppbv	100
17) tert-Butyl alcohol	4.266	59	905617	11.397	ppbv	98
18) 1,1-Dichloroethene	4.272	96	465105	10.647	ppbv	95
19) Isopropyl Alcohol	3.941	45	542269	11.031	ppbv #	96
20) Methylene Chloride	4.330	84	402431	10.327	ppbv	96
21) Allyl Chloride	4.394	41	721928	10.247	ppbv	98
22) trans-1,2-Dichloroethene	4.867	96	489273	10.369	ppbv	93
23) Vinyl Acetate	5.050	43	703543	8.600	ppbv #	98
24) 1,1-Dichloroethane	4.989	63	966141	10.256	ppbv	99
25) Ethyl Acetate	5.652	43	2816022	11.380	ppbv	99
26) Hexane	5.668	57	1130760	10.284	ppbv	95
27) Carbon Disulfide	4.533	76	1102158	10.552	ppbv	99
28) Methyl tert-Butyl Ether	5.012	73	891562	10.657	ppbv	99
29) Chloroform	5.732	83	1761470	9.902	ppbv	98
30) Cyclohexane	7.105	84	918617	9.979	ppbv	96
31) cis-1,2-Dichloroethene	5.529	61	1124383	10.038	ppbv	97
32) 1,1,1-Trichloroethane	6.488	97	1821550	10.241	ppbv	99
34) 2-Butanone	5.221	43	1491150	10.906	ppbv	100
35) Carbon Tetrachloride	6.996	117	1853169	10.494	ppbv	97
36) Benzene	6.867	78	2211912	9.644	ppbv	99
37) 1,2-Dichloroethane	6.282	62	1399068	9.859	ppbv	100
38) Trichloroethene	7.809	130	881871	8.649	ppbv	98
39) 1,2-Dichloropropane	7.587	63	883909	9.905	ppbv	96
40) 1,4-Dioxane	7.800	88	311626	9.722	ppbv	94
41) Tetrahydrofuran	6.025	42	907989	9.881	ppbv	99
42) Bromodichloromethane	7.764	83	1999781	10.308	ppbv	98
43) Methyl Methacrylate	7.986	69	979737	10.522	ppbv	98
44) 2,2,4-Trimethylpentane	7.845	57	3844305	9.552	ppbv	100
45) t-1,3-Dichloropropene	9.250	75	771762	8.563	ppbv	97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

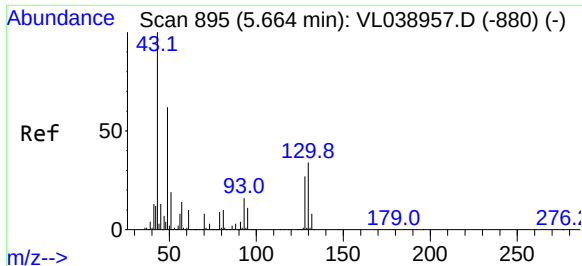
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:07:53 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

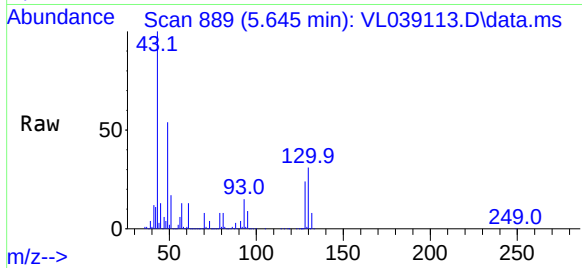
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	1098867	9.194	ppbv	99
47) 1,1,2-Trichloroethane	9.446	97	911362	9.819	ppbv	97
48) Dibromochloromethane	10.272	129	1591152	10.532	ppbv	100
49) Bromoform	13.005	173	1281081	11.119	ppbv	100
50) 4-Methyl-2-Pentanone	8.709	43	2313955	9.651	ppbv	99
51) 2-Hexanone	10.102	43	1746585	9.981	ppbv	100
52) Tetrachloroethene	11.192	164	791459	9.656	ppbv	98
53) Toluene	9.777	91	2585061	10.056	ppbv	99
54) 1,2-Dibromoethane	10.581	107	1328188	10.511	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.092	131	1153563	10.584	ppbv	96
57) Chlorobenzene	12.114	112	1829316	9.824	ppbv	99
58) Ethyl Benzene	12.680	91	3471174	9.709	ppbv	97
59) m/p-Xylene	12.967	91	5971682m	19.566	ppbv	
60) o-Xylene	13.658	91	2802652	9.757	ppbv	100
61) Styrene	13.491	104	1534213	10.004	ppbv	99
62) Isopropylbenzene	14.632	105	4167743	9.922	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.642	83	1924403	11.377	ppbv	100
64) n-propylbenzene	15.526	120	1068871	10.525	ppbv	100
65) tert-Butylbenzene	16.709	119	3731601	10.138	ppbv	99
66) Benzyl Chloride	16.953	91	250993	5.217	ppbv	97
67) sec-Butylbenzene	17.256	105	5357283	10.188	ppbv	99
69) p-Isopropyltoluene	17.616	119	4400956	10.360	ppbv	99
70) n-Butylbenzene	18.513	91	4700284	10.414	ppbv	99
71) 2-Chlorotoluene	15.413	91	3229430	9.972	ppbv	100
72) 4-Ethyltoluene	15.806	105	3351502	10.239	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	2981130	10.116	ppbv	95
74) 1,2,4-Trimethylbenzene	16.728	105	3261109	10.107	ppbv	96
75) 1,3-Dichlorobenzene	16.960	146	1810036	10.238	ppbv	99
76) 1,4-Dichlorobenzene	17.105	146	1786449	10.272	ppbv	99
77) 1,2-Dichlorobenzene	17.780	146	1787696	10.224	ppbv	99
78) Hexachloro-1,3-Butadiene	23.333	225	1370496	8.529	ppbv	99
79) Naphthalene	22.149	128	2505061	9.558	ppbv	100
80) Naphthalene,2-methyl-	24.937	142	578372	7.295	ppbv	97
81) 1,2,4-Trichlorobenzene	21.883	180	1394461	9.080	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

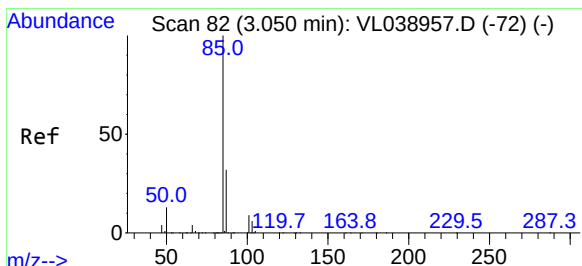
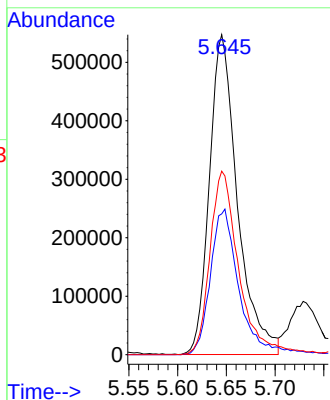
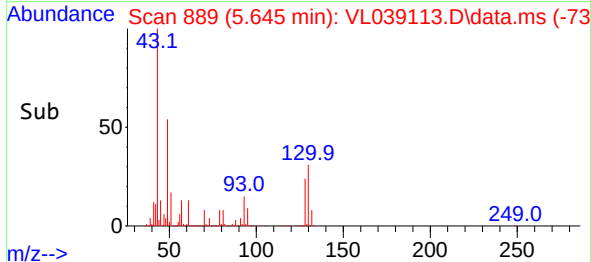
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 109605
Ion Ratio Lower Upper
49 100
128 47.3 23.3 69.8
130 60.0 29.8 89.3

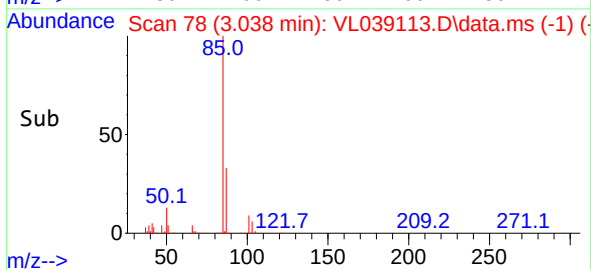
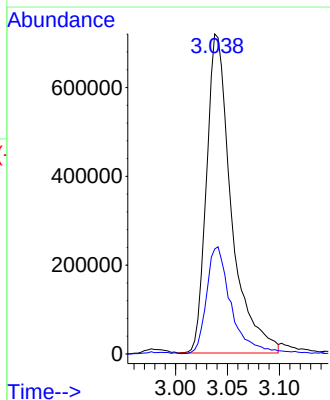
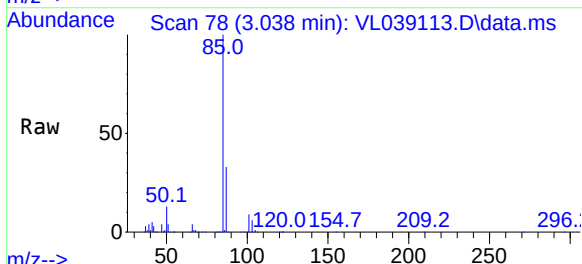
Manual Integrations
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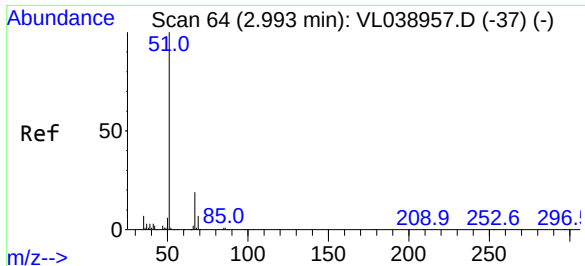
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 6.942 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

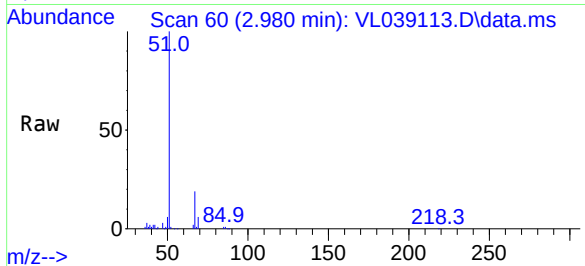
Tgt Ion: 85 Resp: 1192118
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.014 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

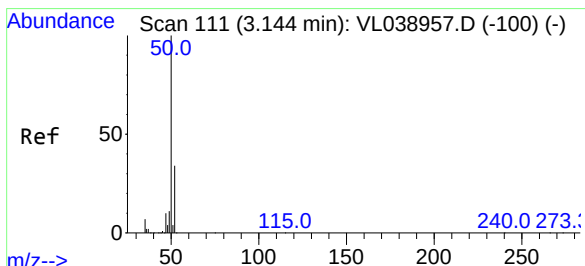
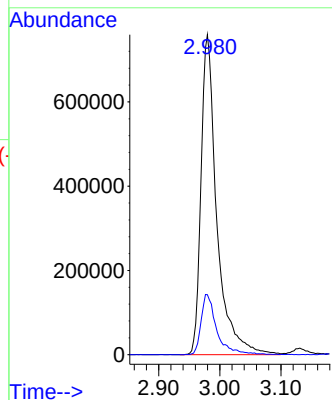
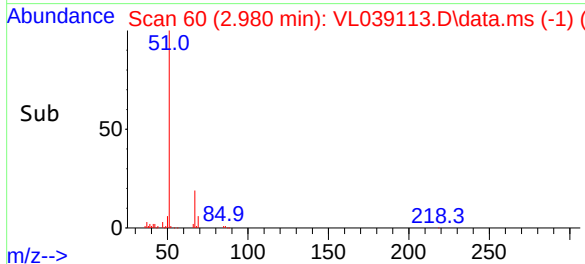
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



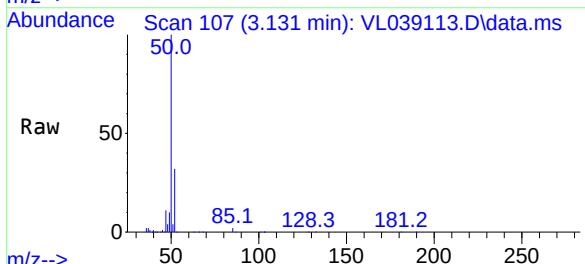
Tgt Ion: 51 Resp: 136192
Ion Ratio Lower Upper
51 100
67 18.8 15.8 23.8

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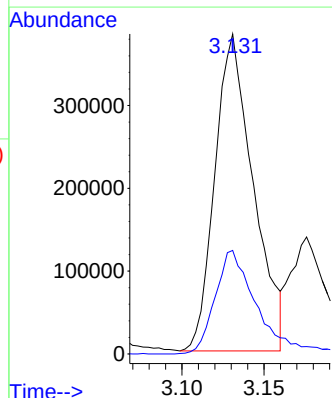
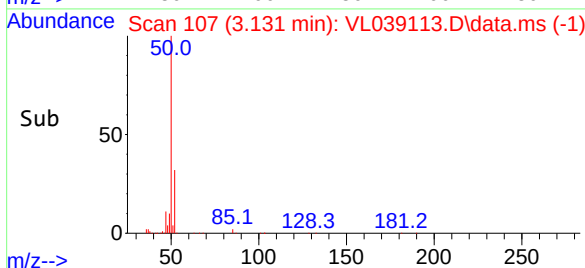
Reviewed By :Semsettin Yesilyurt 05/25/2022
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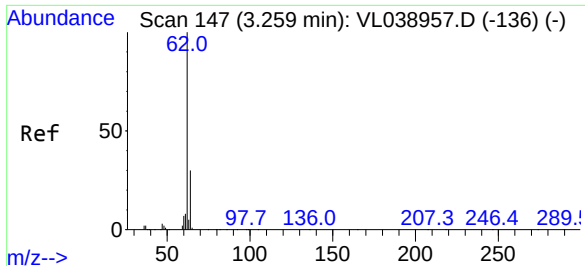


#4
Chloromethane
Concen: 9.140 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion: 50 Resp: 622530
Ion Ratio Lower Upper
50 100
52 32.5 27.3 40.9





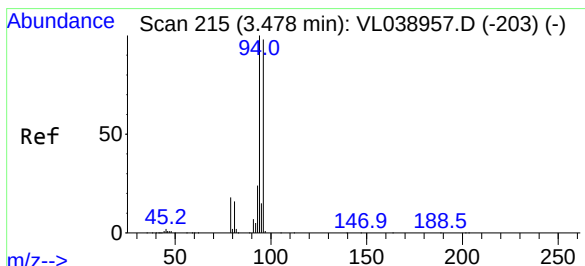
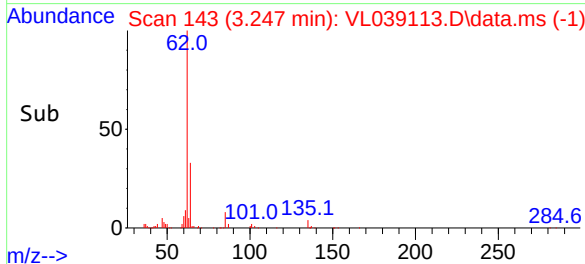
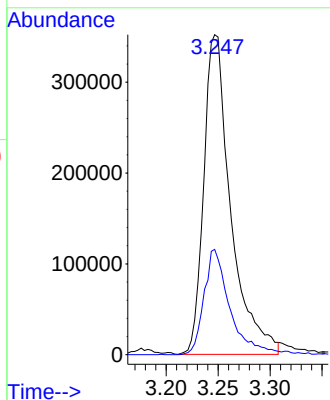
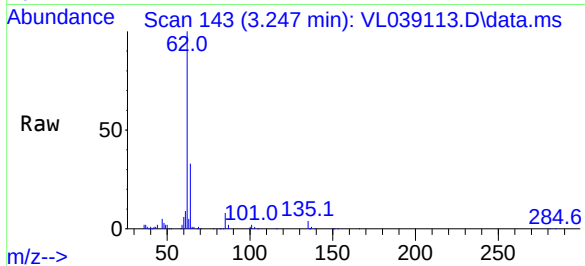
#5
 Vinyl Chloride
 Concen: 10.218 ppbv
 RT: 3.247 min Scan# 147
 Delta R.T. -0.013 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 63548
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 36.4

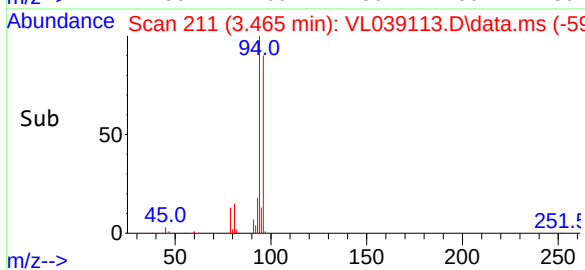
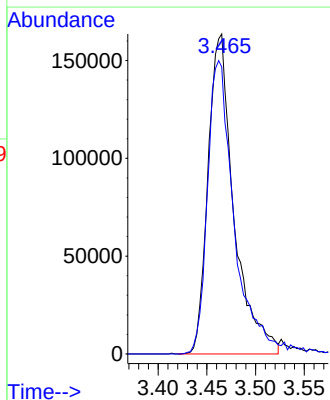
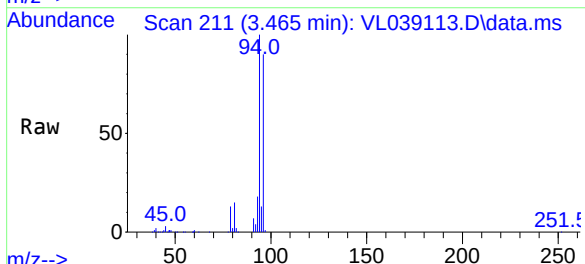
Manual Integrations
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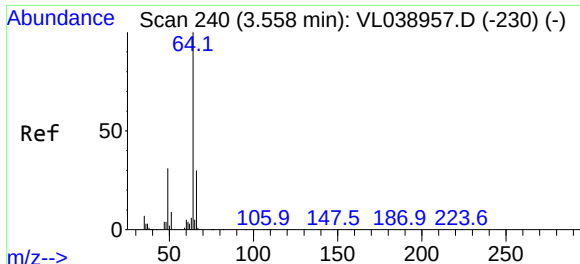
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#6
 Bromomethane
 Concen: 10.282 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Tgt Ion: 94 Resp: 302097
 Ion Ratio Lower Upper
 94 100
 96 89.7 78.1 117.1





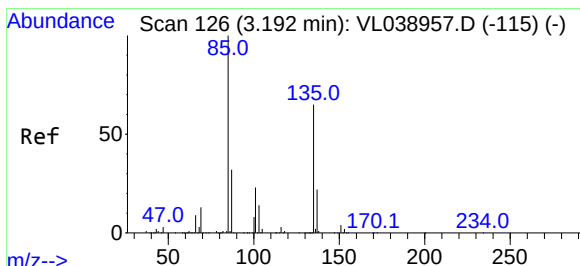
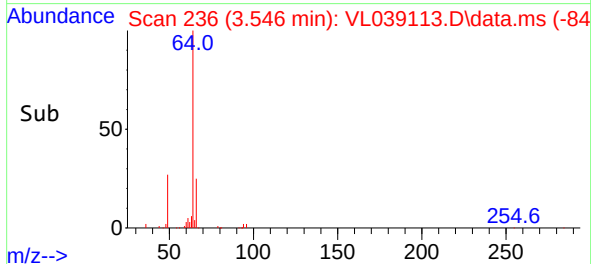
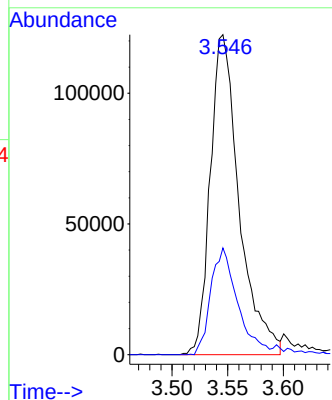
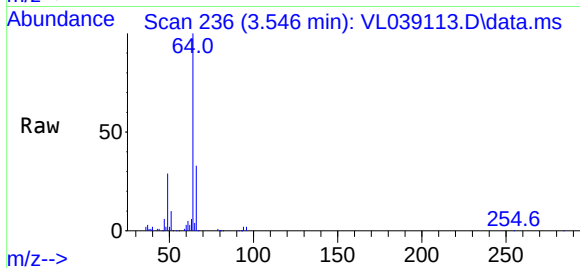
#7
Chloroethane
Concen: 10.593 ppbv
RT: 3.546 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 220517
Ion Ratio Lower Upper
64 100
66 33.4 23.8 35.8

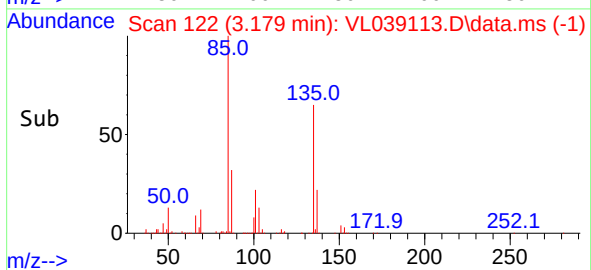
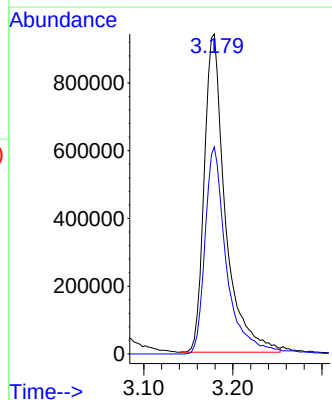
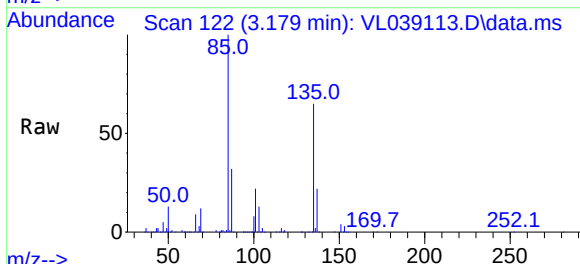
Manual Integrations
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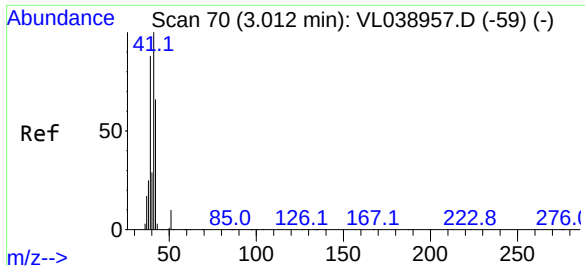
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#8
Dichlorotetrafluoroethane
Concen: 9.918 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 85 Resp: 1543683
Ion Ratio Lower Upper
85 100
135 67.5 53.6 80.4





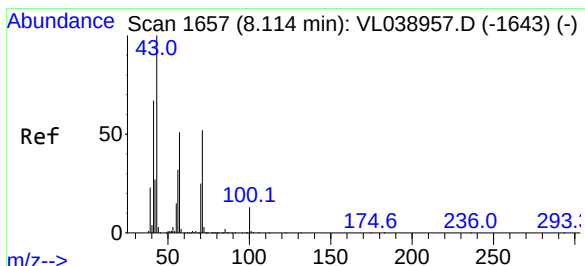
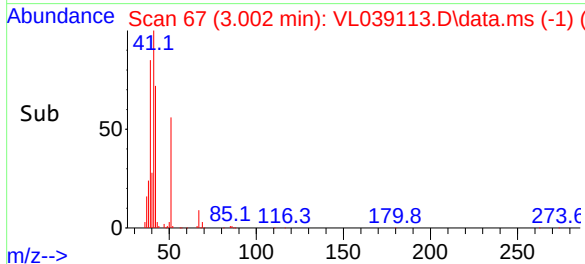
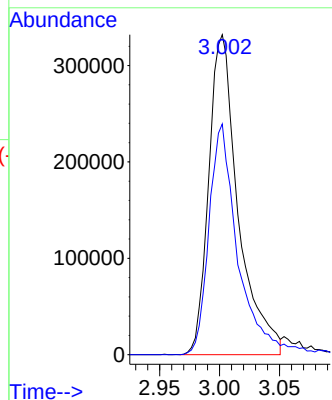
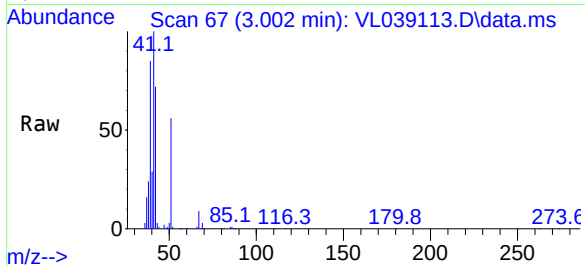
#9
Propene
Concen: 9.563 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 567968
Ion Ratio Lower Upper
41 100
42 72.0 58.3 87.5

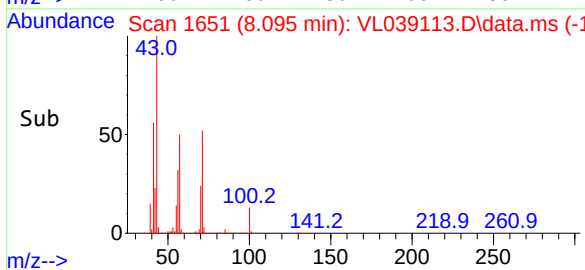
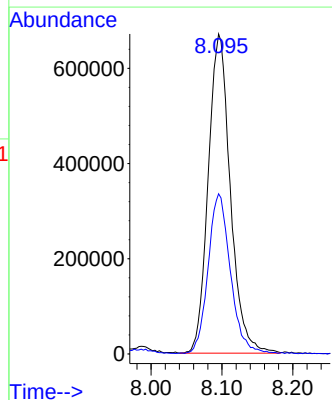
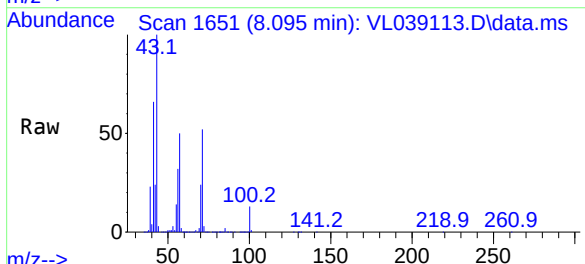
Manual Integrations
APPROVED

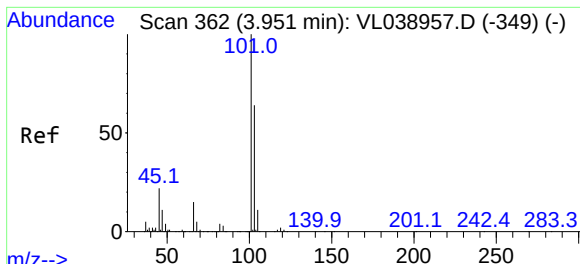
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Heptane
Concen: 9.955 ppbv
RT: 8.095 min Scan# 1651
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

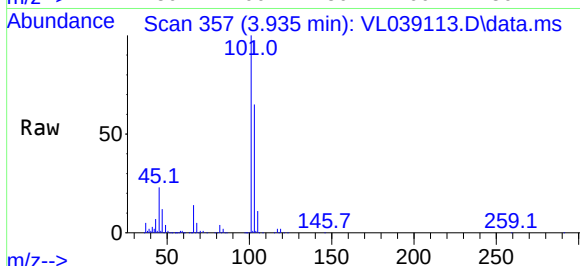
Tgt Ion: 43 Resp: 1450631
Ion Ratio Lower Upper
43 100
57 50.7 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.940 ppbv
RT: 3.935 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

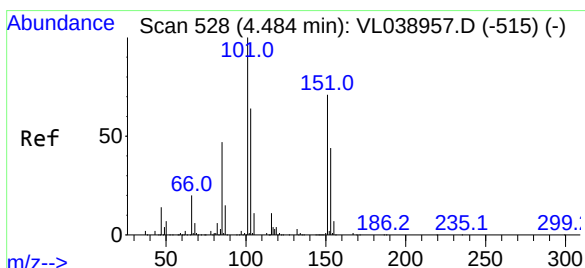
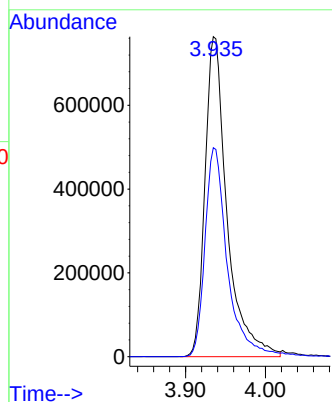
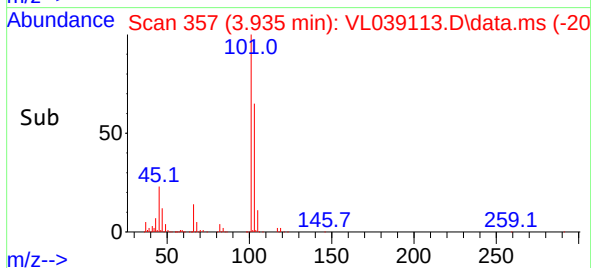
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 146462
Ion Ratio Lower Upper
101 100
103 65.2 51.5 77.3

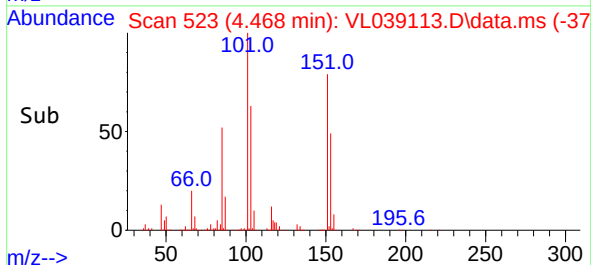
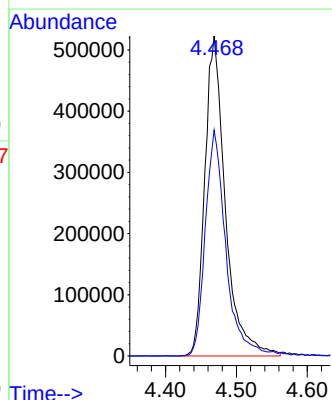
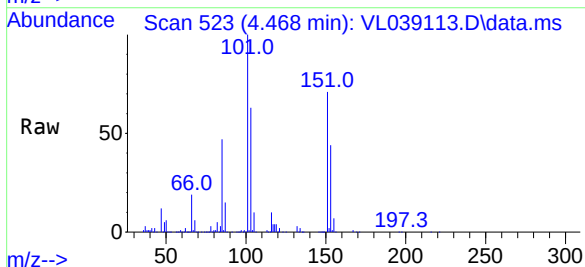
Manual Integrations
APPROVED

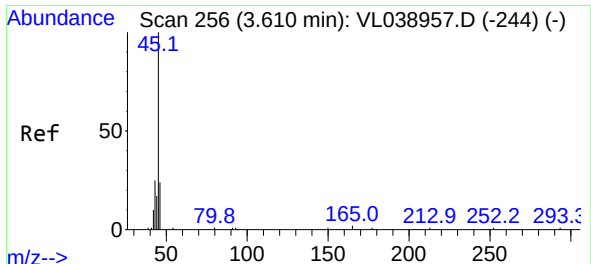
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.400 ppbv
RT: 4.468 min Scan# 523
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

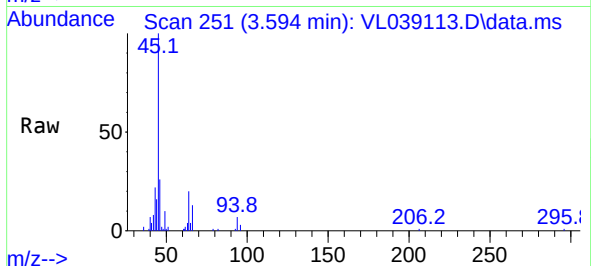
Tgt Ion:101 Resp: 1055592
Ion Ratio Lower Upper
101 100
151 71.3 55.4 83.0





#13
Ethanol
Concen: 13.475 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

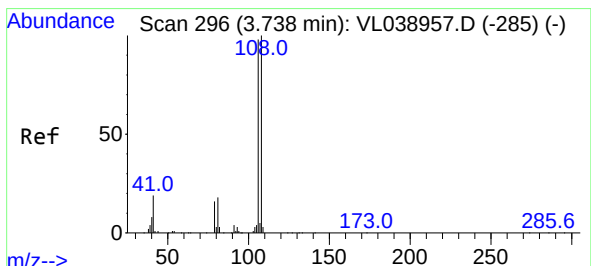
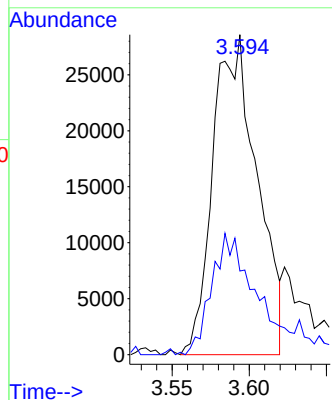
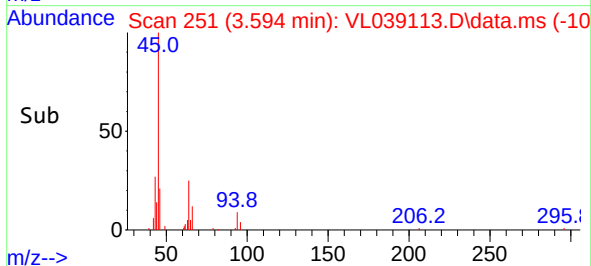
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 56638
Ion Ratio Lower Upper
45 100
46 45.4 18.0 72.2

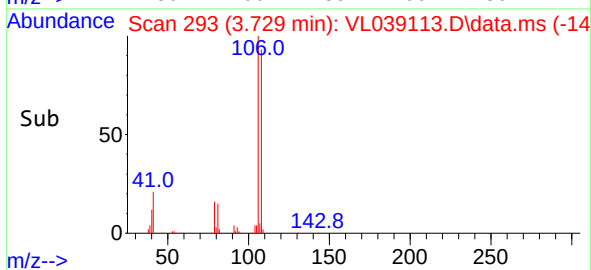
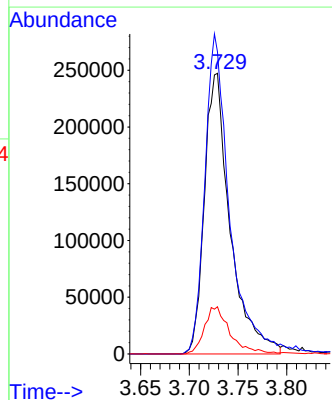
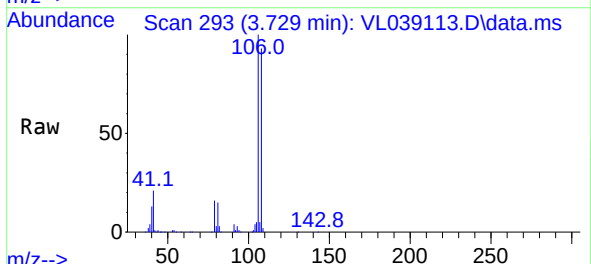
Manual Integrations
APPROVED

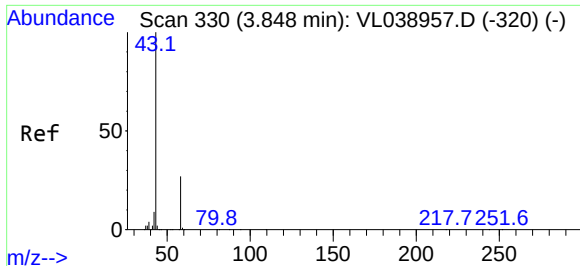
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#14
Bromoethene
Concen: 10.862 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.010 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion:108 Resp: 454655
Ion Ratio Lower Upper
108 100
106 112.0 90.3 135.5
79 17.2 14.9 22.3





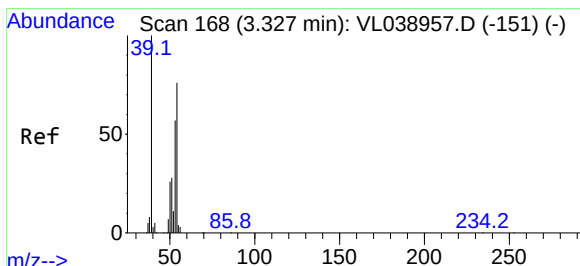
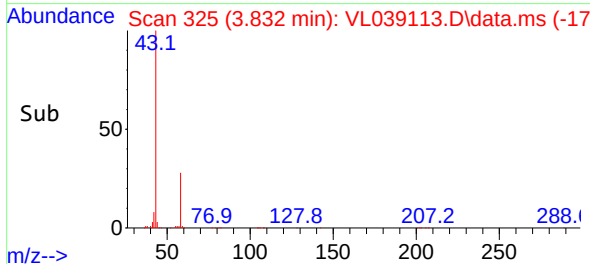
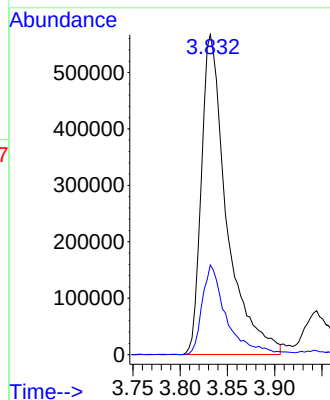
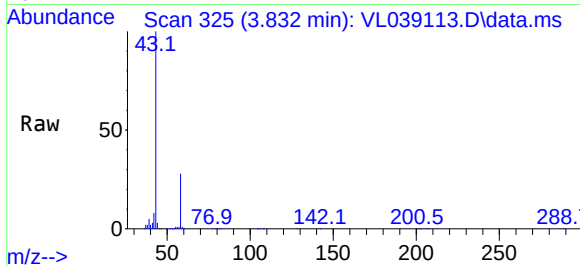
#15
Acetone
Concen: 10.203 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1054872
Ion Ratio Lower Upper
43 100
58 27.0 21.3 31.9

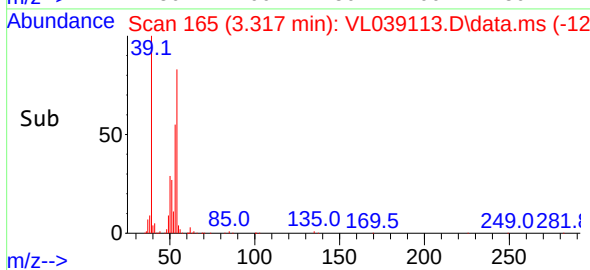
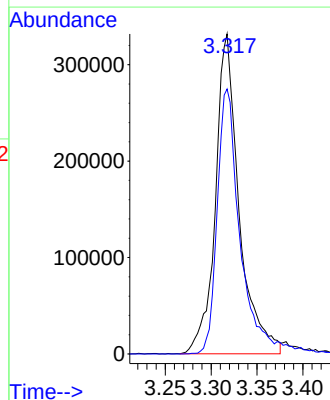
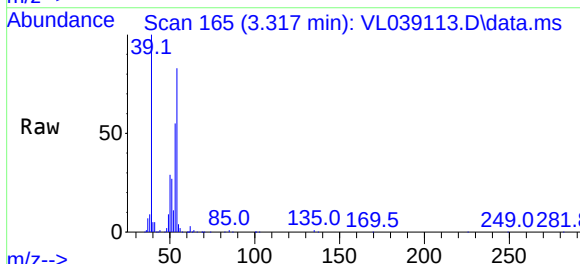
Manual Integrations
APPROVED

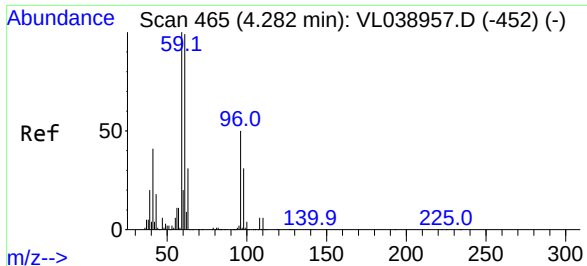
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
1,3-Butadiene
Concen: 10.046 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.010 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

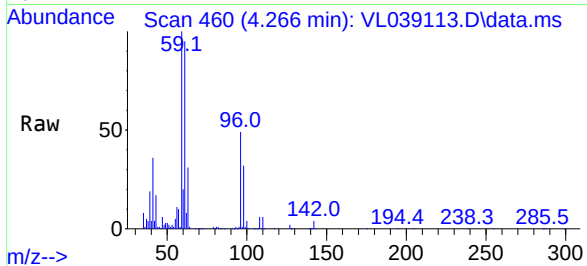
Tgt Ion: 39 Resp: 596761
Ion Ratio Lower Upper
39 100
54 81.7 65.2 97.8





#17
tert-Butyl alcohol
Concen: 11.397 ppbv
RT: 4.266 min Scan# 40
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

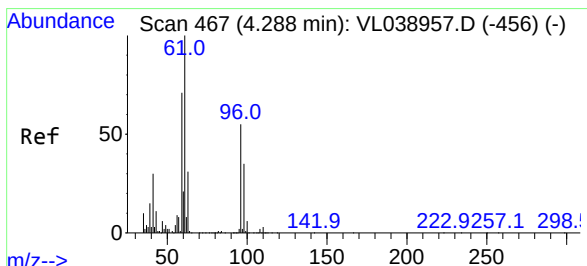
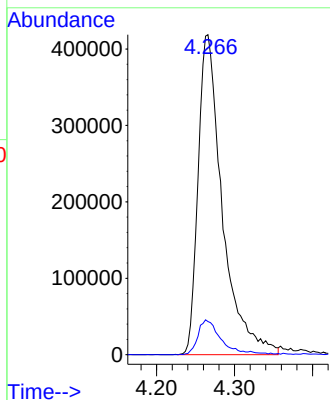
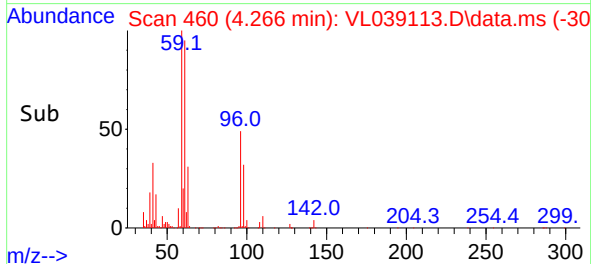
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



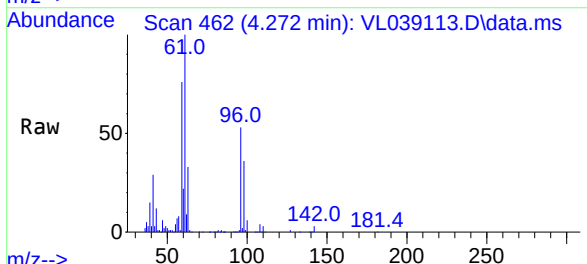
Tgt Ion: 59 Resp: 90561
Ion Ratio Lower Upper
59 100
57 10.7 9.2 13.8

Manual Integrations
APPROVED

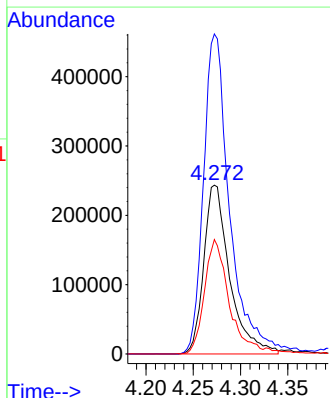
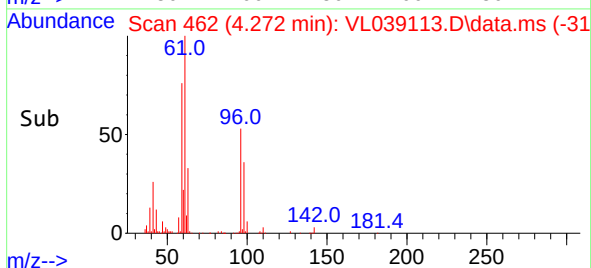
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

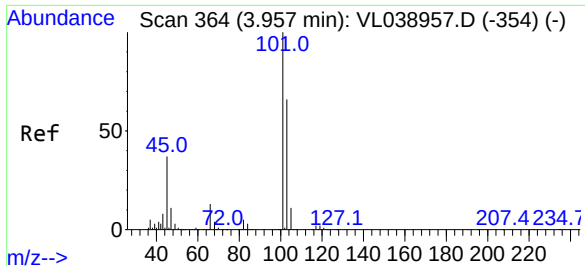


#18
1,1-Dichloroethene
Concen: 10.647 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



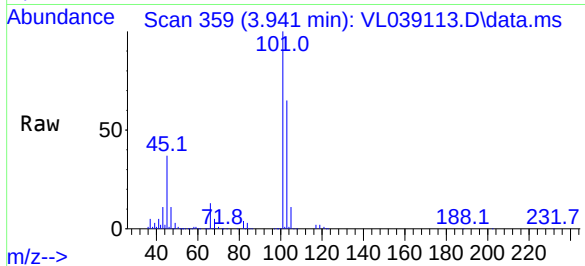
Tgt Ion: 96 Resp: 465105
Ion Ratio Lower Upper
96 100
61 189.6 146.3 219.5
98 67.6 50.6 75.8





#19
Isopropyl Alcohol
Concen: 11.031 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

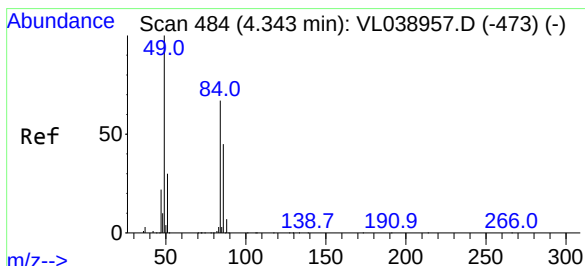
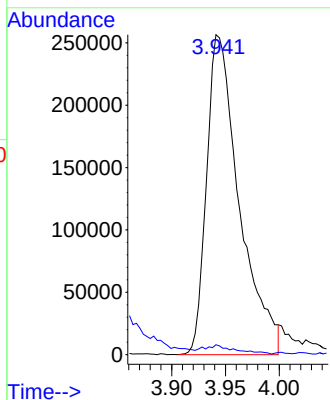
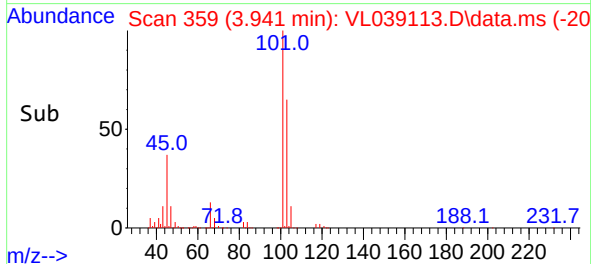
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



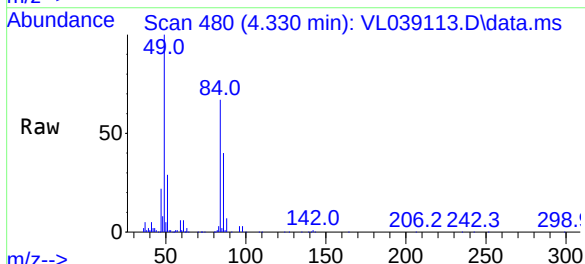
Tgt Ion: 45 Resp: 542269
Ion Ratio Lower Upper
45 100
58 3.2 1.4 2.2

Manual Integrations
APPROVED

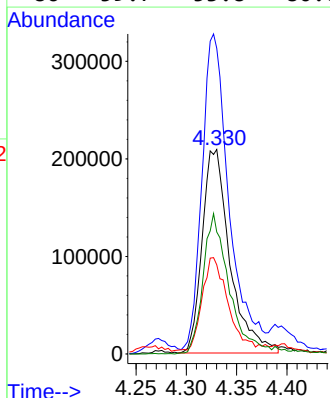
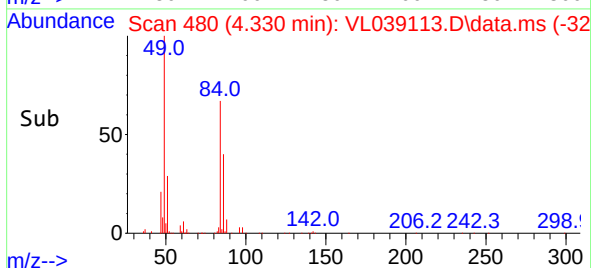
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

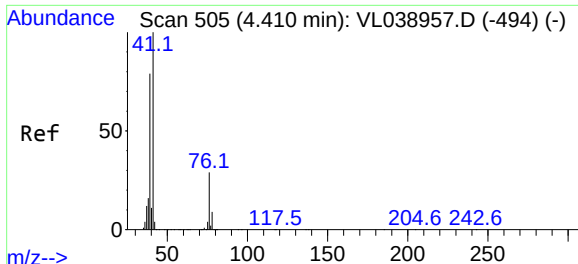


#20
Methylene Chloride
Concen: 10.327 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.013 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion: 84 Resp: 402431
Ion Ratio Lower Upper
84 100
49 147.7 119.9 179.9
51 41.9 35.7 53.5
86 59.7 53.8 80.6





#21
 Allyl Chloride
 Concen: 10.247 ppbv
 RT: 4.394 min Scan# 505
 Delta R.T. -0.016 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

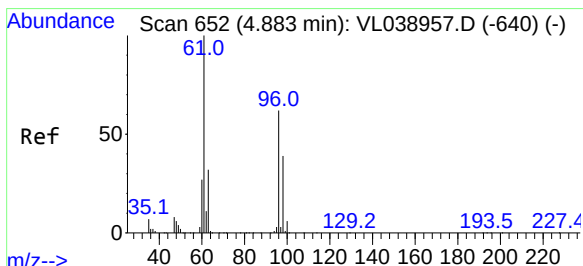
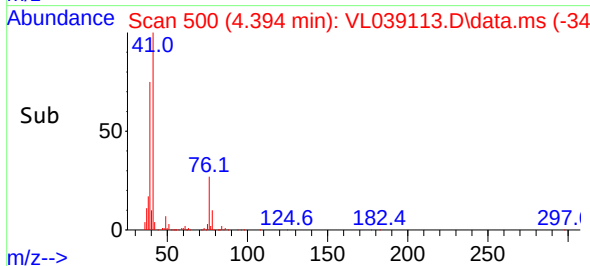
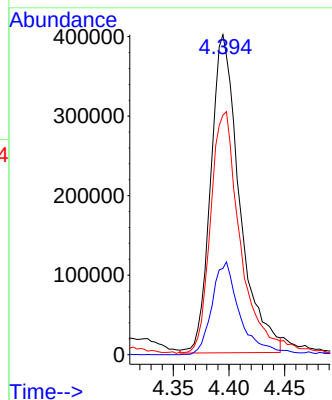
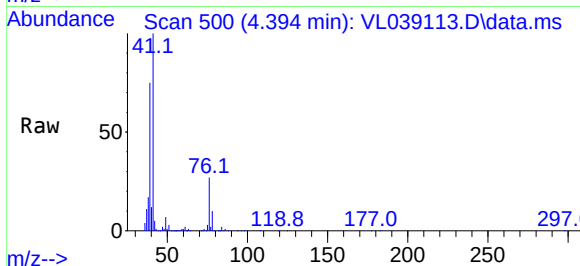
VSTDCCC010EC

Tgt Ion: 41 Resp: 721928
 Ion Ratio Lower Upper
 41 100
 76 28.6 24.2 36.4
 39 78.9 63.8 95.8

Manual Integrations

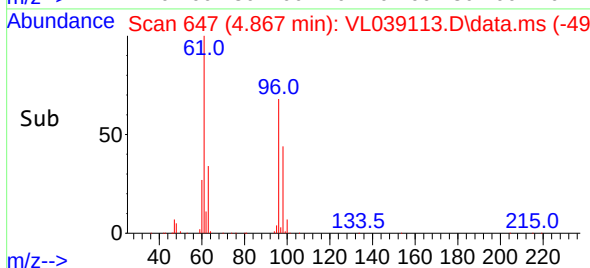
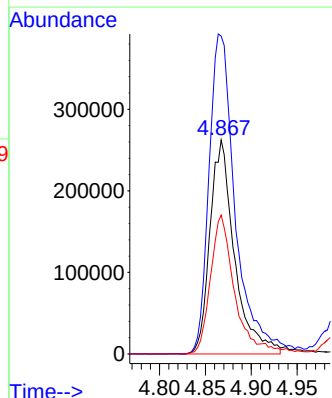
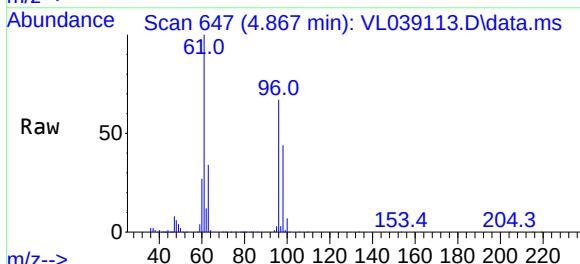
APPROVED

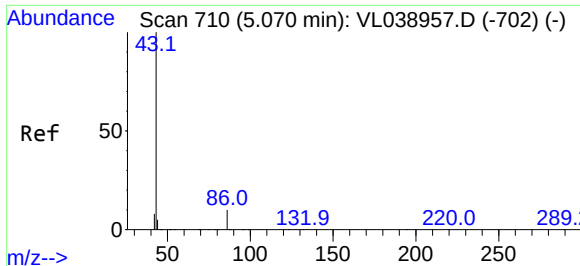
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.369 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Tgt Ion: 96 Resp: 489273
 Ion Ratio Lower Upper
 96 100
 61 148.6 128.2 192.2
 98 64.9 50.1 75.1





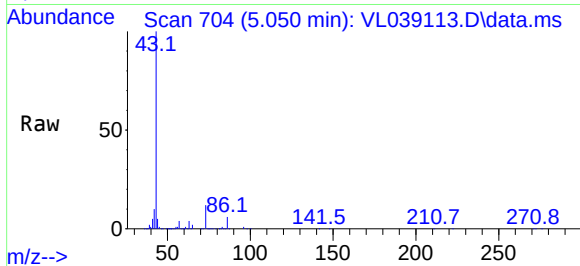
#23
 Vinyl Acetate
 Concen: 8.600 ppbv
 RT: 5.050 min Scan# 704
 Delta R.T. -0.019 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

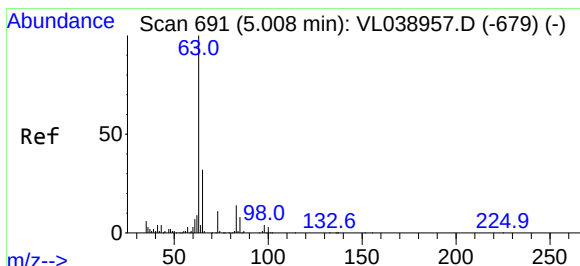
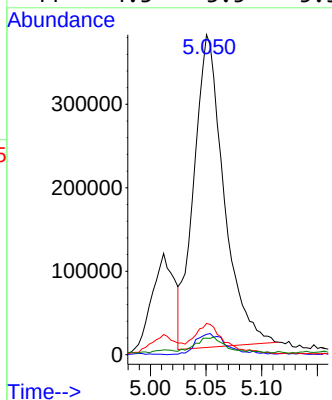
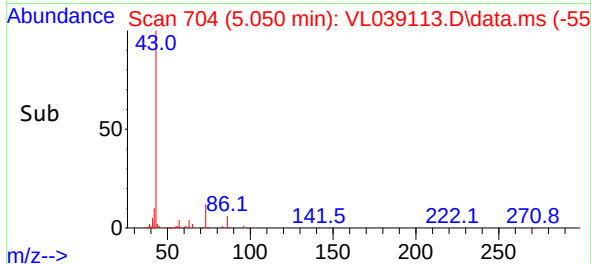


Tgt Ion: 43 Resp: 70354
 Ion Ratio Lower Upper
 43 100
 86 6.5 6.6 9.8
 42 9.7 8.1 12.1
 44 4.3 3.5 5.3

Manual Integrations

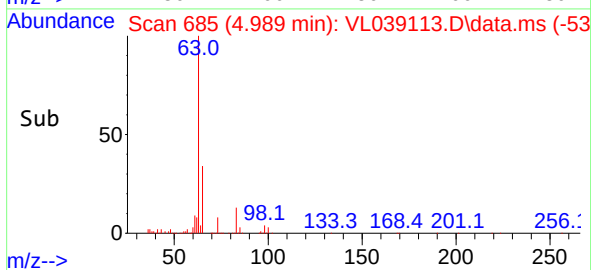
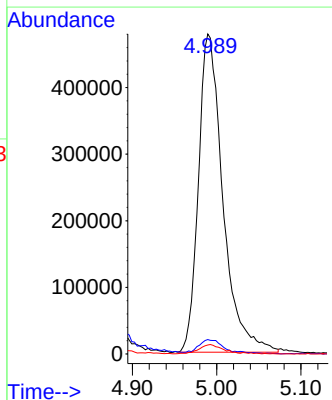
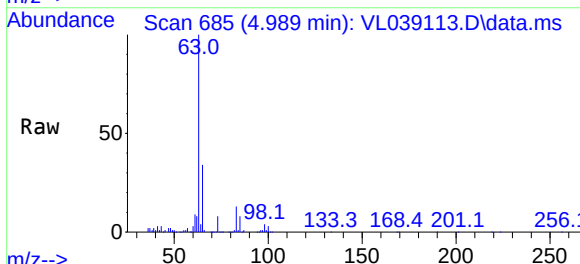
APPROVED

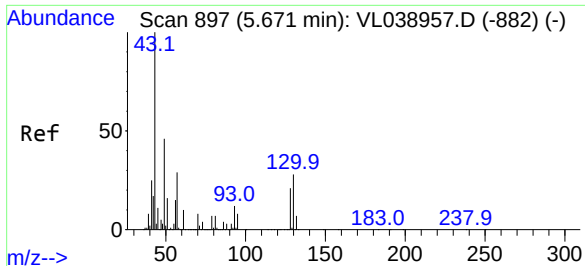
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#24
 1,1-Dichloroethane
 Concen: 10.256 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.019 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Tgt Ion: 63 Resp: 966141
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.1 6.2
 100 2.8 1.4 4.2





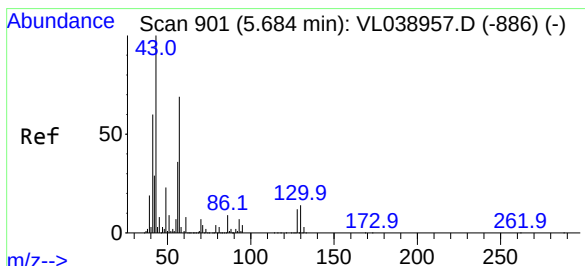
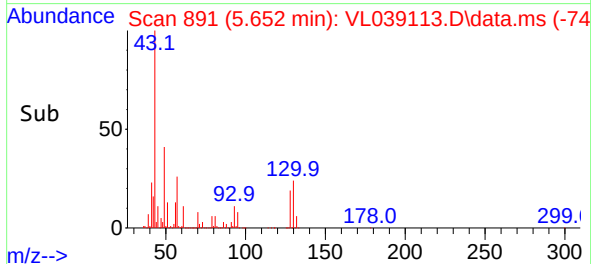
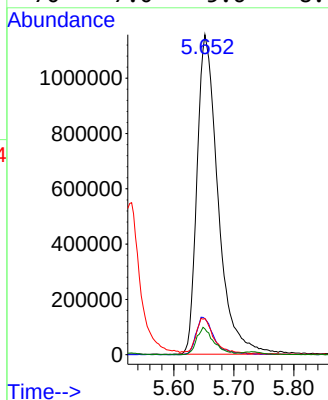
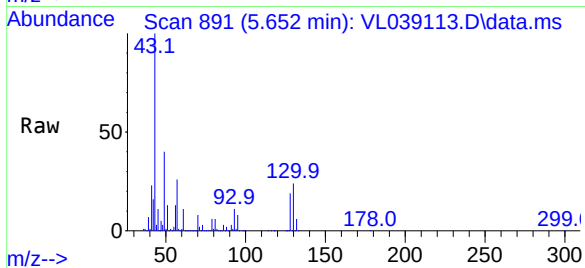
#25
Ethyl Acetate
Concen: 11.380 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 281602
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 10.3 7.8 11.6
70 7.0 5.6 8.4

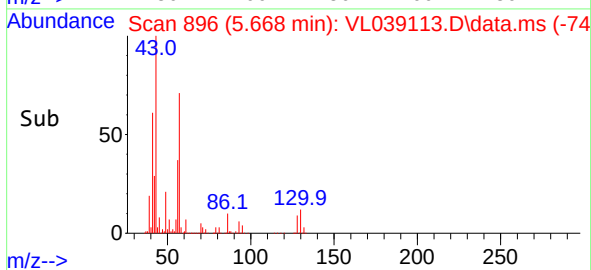
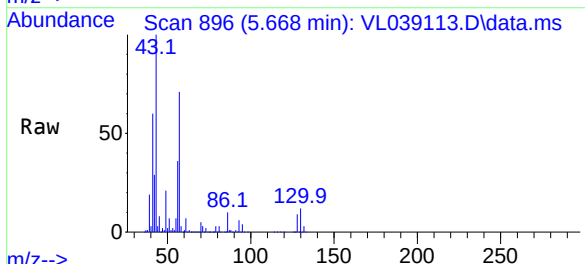
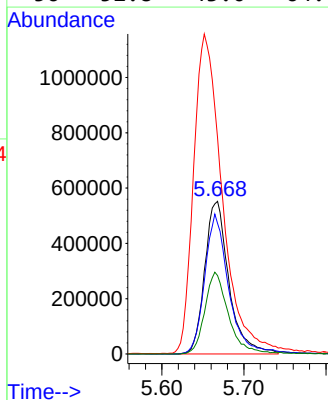
Manual Integrations
APPROVED

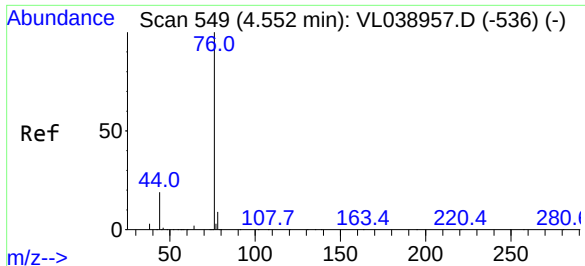
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#26
Hexane
Concen: 10.284 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

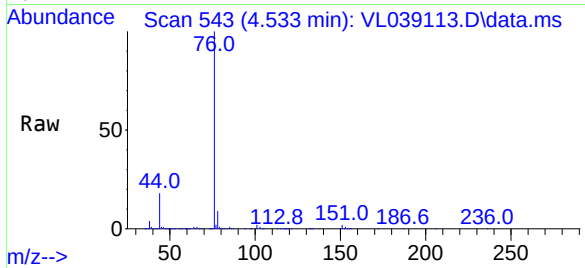
Tgt Ion: 57 Resp: 1130760
Ion Ratio Lower Upper
57 100
41 91.9 75.2 112.8
43 251.3 190.8 286.2
56 52.8 43.0 64.6





#27
Carbon Disulfide
Concen: 10.552 ppbv
RT: 4.533 min Scan# 549
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

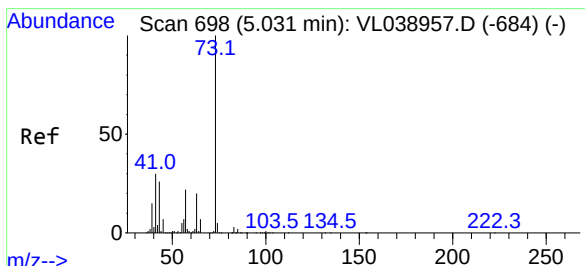
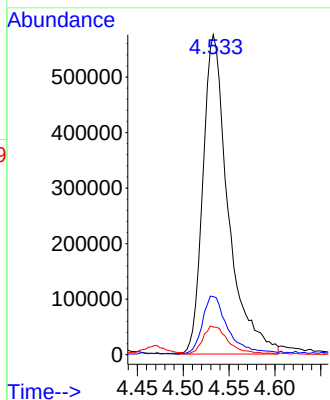
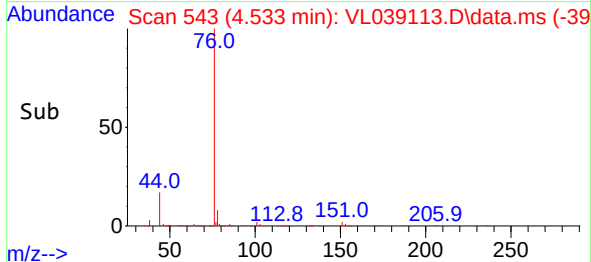
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1102158
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.9 8.2 12.2

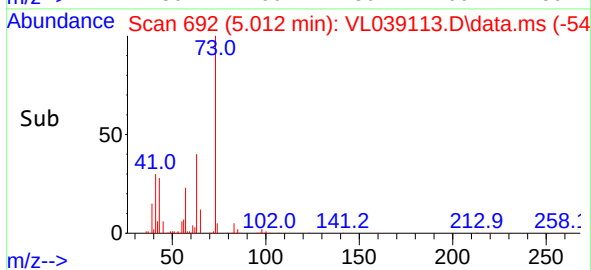
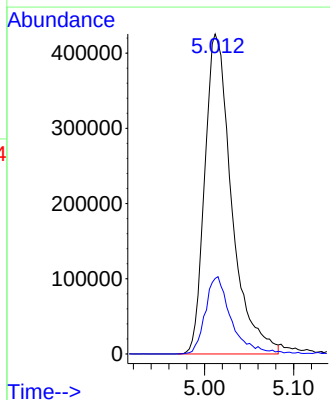
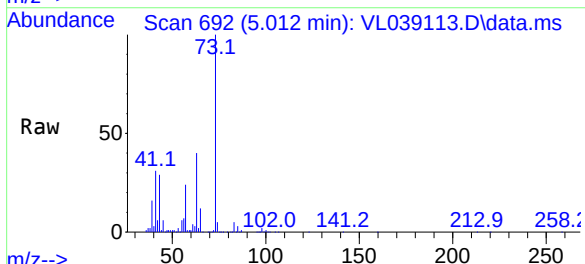
Manual Integrations
APPROVED

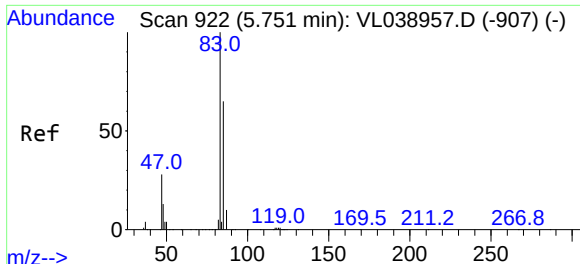
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#28
Methyl tert-Butyl Ether
Concen: 10.657 ppbv
RT: 5.012 min Scan# 692
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 73 Resp: 891562
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





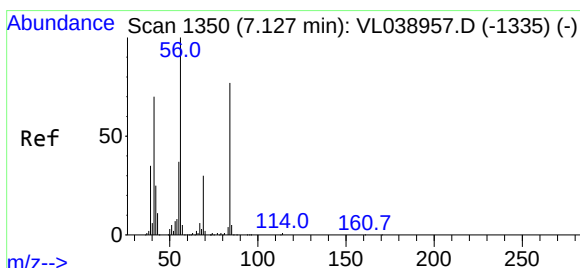
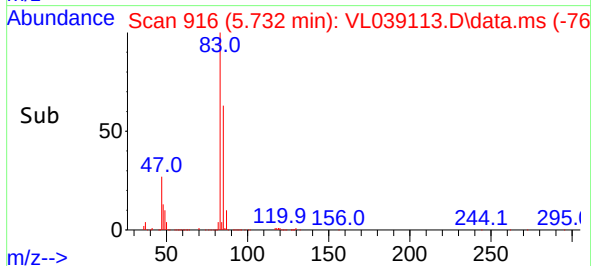
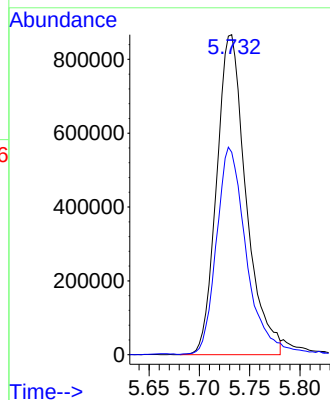
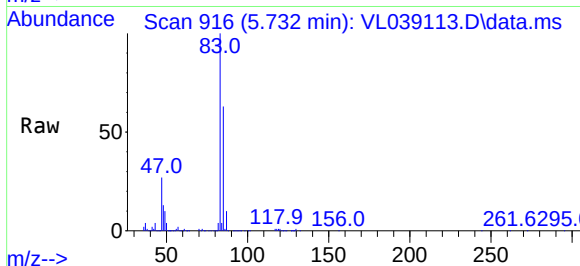
#29
Chloroform
Concen: 9.902 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1761470
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6

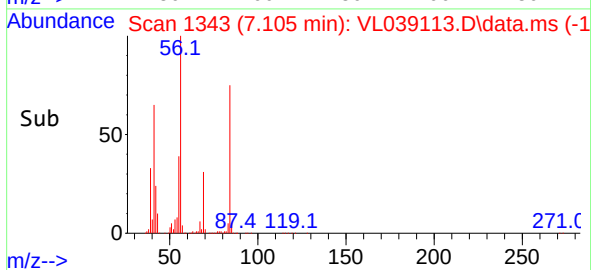
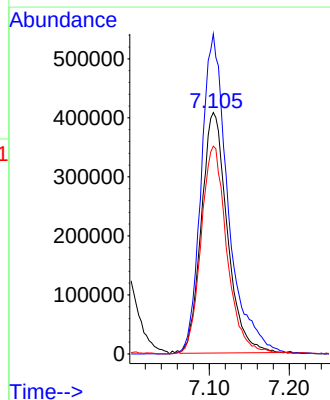
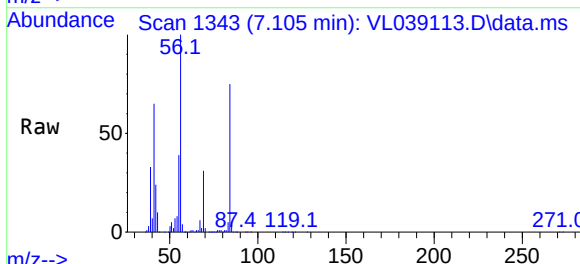
Manual Integrations
APPROVED

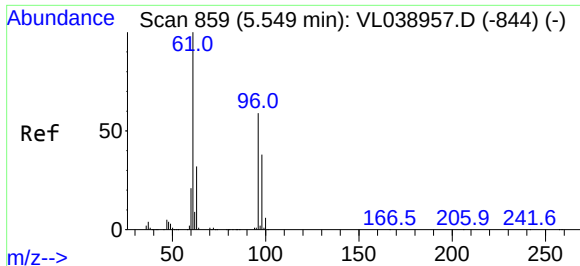
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Cyclohexane
Concen: 9.979 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 84 Resp: 918617
Ion Ratio Lower Upper
84 100
56 139.2 115.3 172.9
41 87.0 72.0 108.0





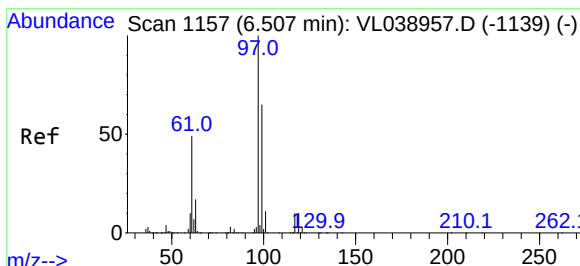
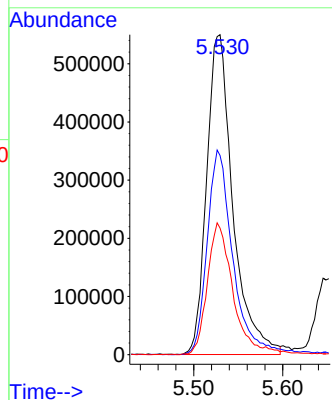
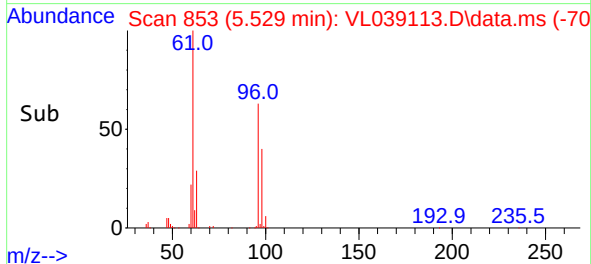
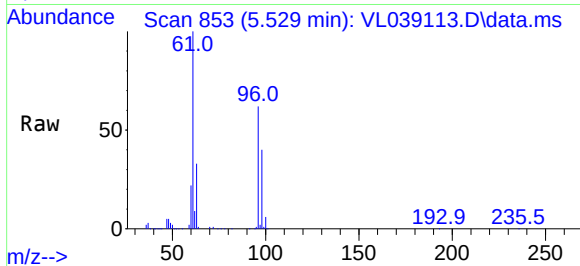
#31
cis-1,2-Dichloroethene
Concen: 10.038 ppbv
RT: 5.529 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 112438
Ion Ratio Lower Upper
61 100
96 62.2 47.4 71.0
98 39.6 30.6 45.8

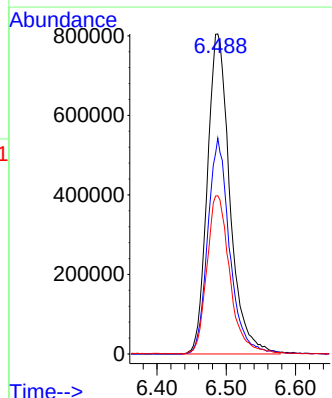
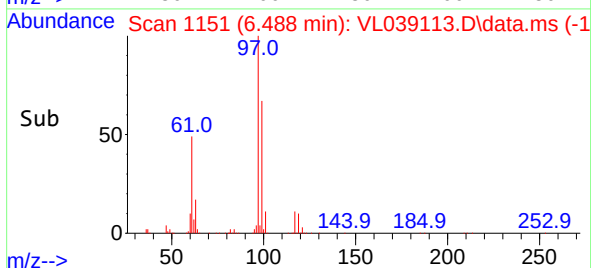
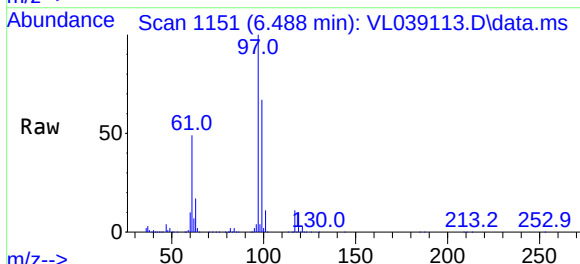
Manual Integrations
APPROVED

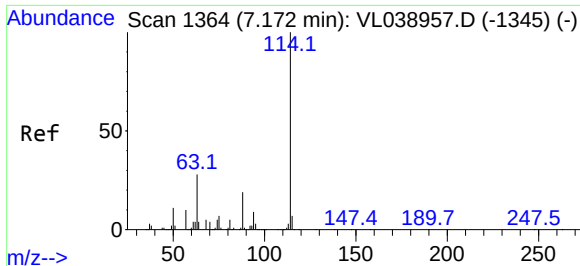
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#32
1,1,1-Trichloroethane
Concen: 10.241 ppbv
RT: 6.488 min Scan# 1151
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

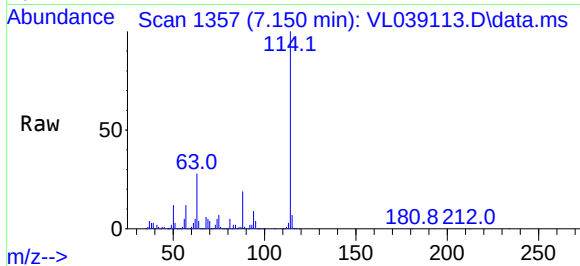
Tgt Ion: 97 Resp: 1821550
Ion Ratio Lower Upper
97 100
99 65.4 51.9 77.9
61 50.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 11
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

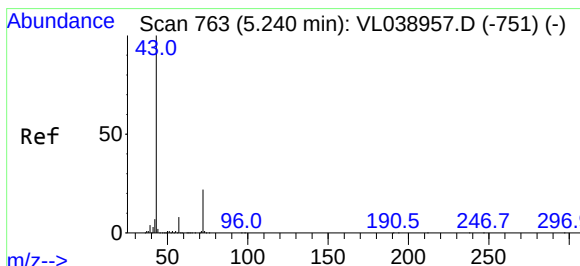
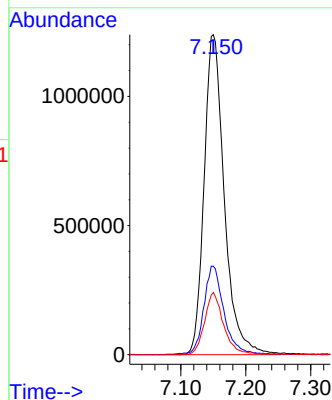
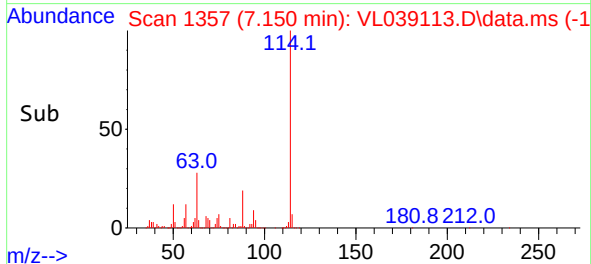
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



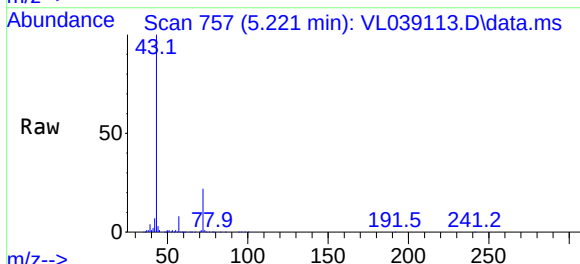
Tgt Ion:114 Resp: 2680084
Ion Ratio Lower Upper
114 100
63 27.9 22.6 33.8
88 18.5 15.4 23.0

Manual Integrations
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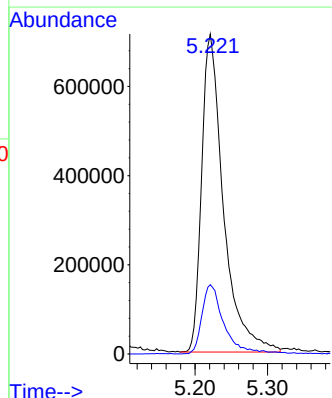
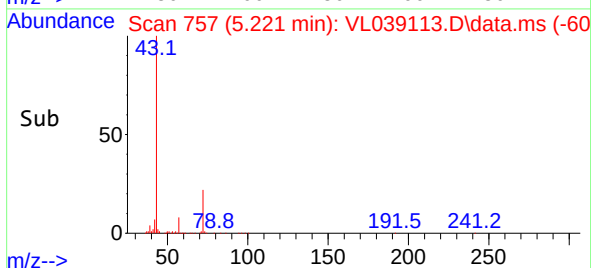
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

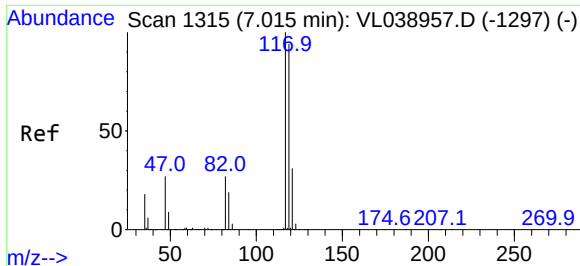


#34
2-Butanone
Concen: 10.906 ppbv
RT: 5.221 min Scan# 757
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



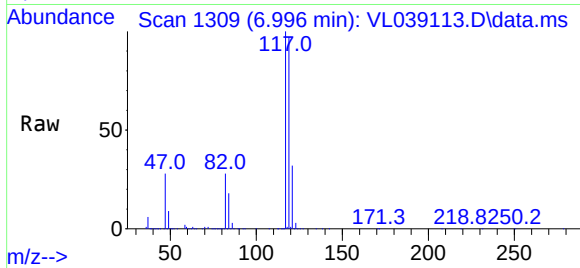
Tgt Ion: 43 Resp: 1491150
Ion Ratio Lower Upper
43 100
72 22.3 17.8 26.6





#35
Carbon Tetrachloride
Concen: 10.494 ppbv
RT: 6.996 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

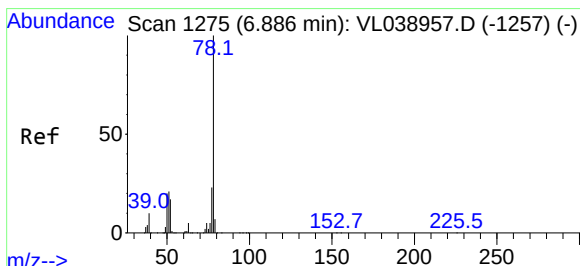
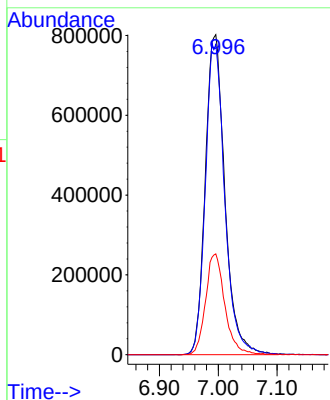
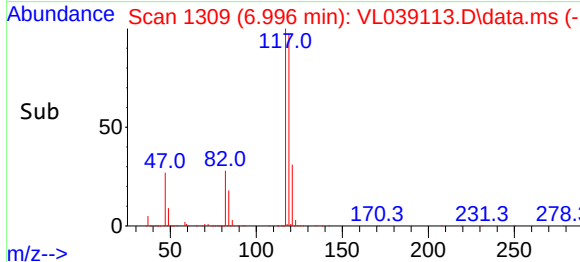
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1853169
Ion Ratio Lower Upper
117 100
119 97.0 75.2 112.8
121 31.5 24.6 37.0

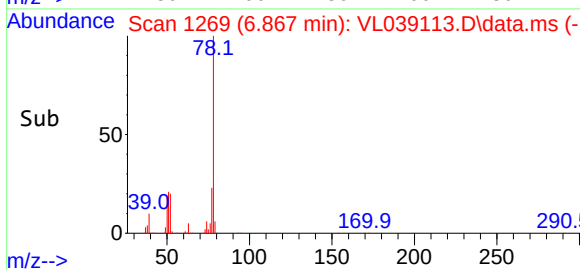
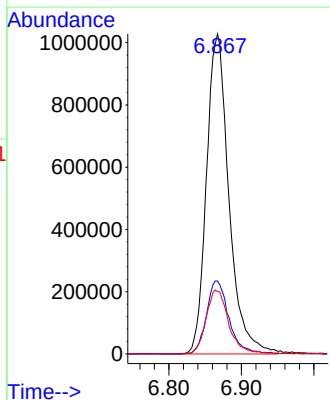
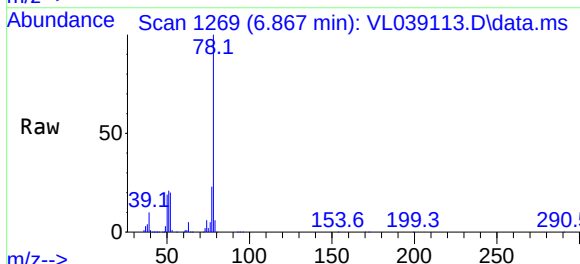
Manual Integrations
APPROVED

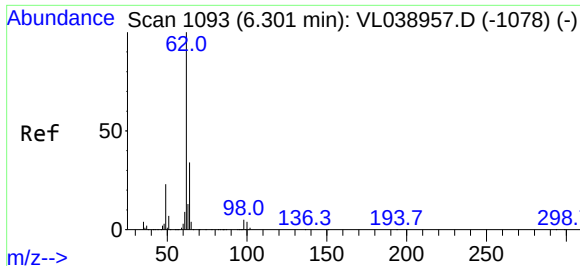
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#36
Benzene
Concen: 9.644 ppbv
RT: 6.867 min Scan# 1269
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

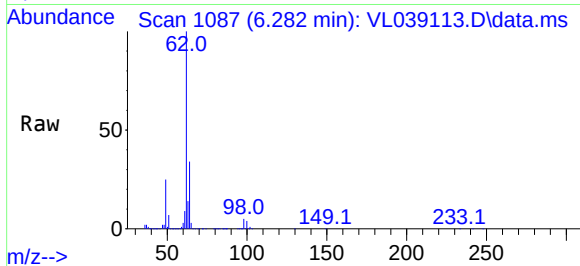
Tgt Ion: 78 Resp: 2211912
Ion Ratio Lower Upper
78 100
77 22.8 18.6 28.0
50 19.5 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.859 ppbv
RT: 6.282 min Scan# 1093
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

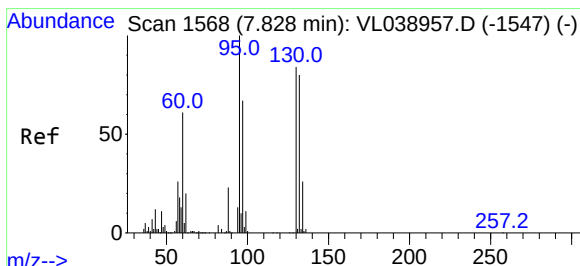
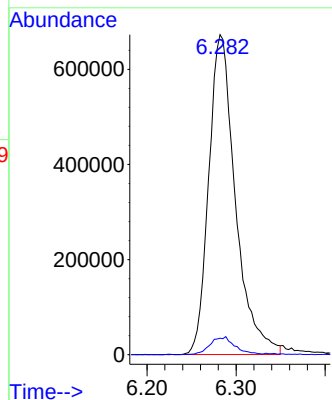
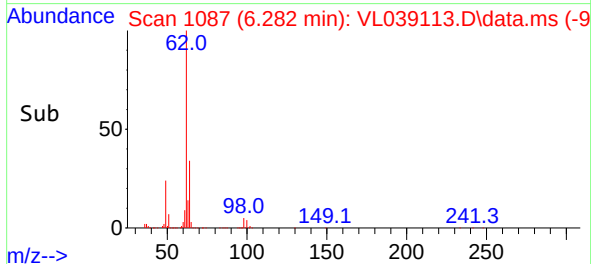
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



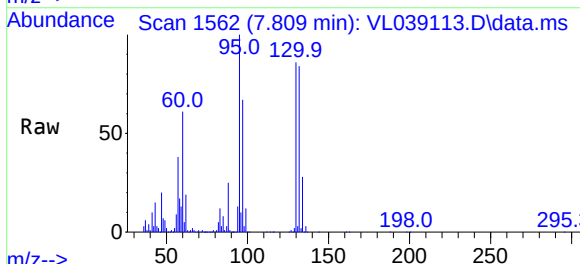
Tgt Ion: 62 Resp: 139906
Ion Ratio Lower Upper
62 100
98 5.6 4.5 6.7

Manual Integrations
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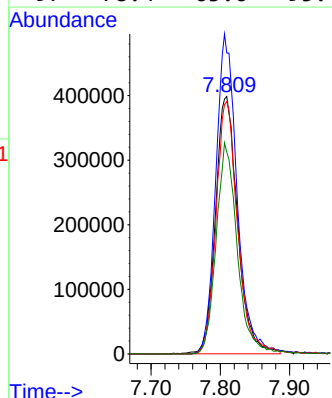
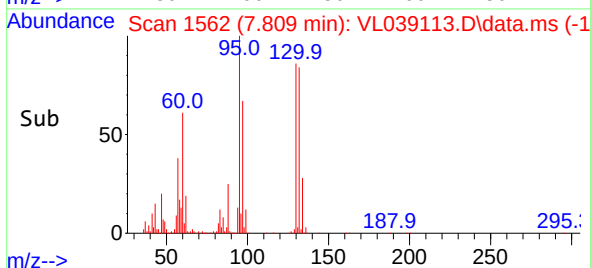
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

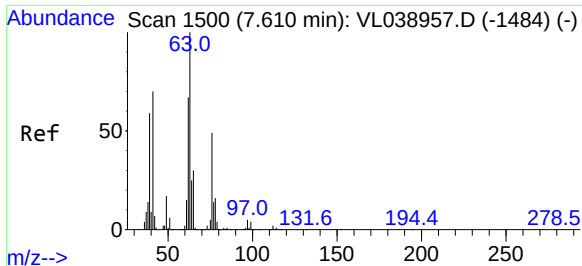


#38
Trichloroethene
Concen: 8.649 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



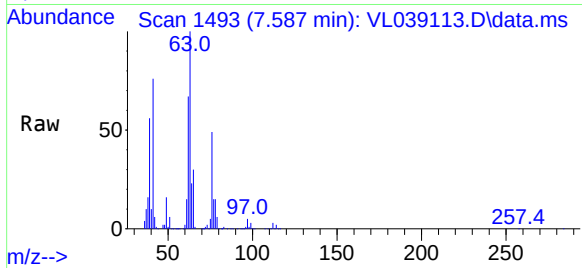
Tgt Ion:130 Resp: 881871
Ion Ratio Lower Upper
130 100
95 117.0 94.8 142.2
132 98.1 75.8 113.8
97 78.4 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.905 ppbv
RT: 7.587 min Scan# 14
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

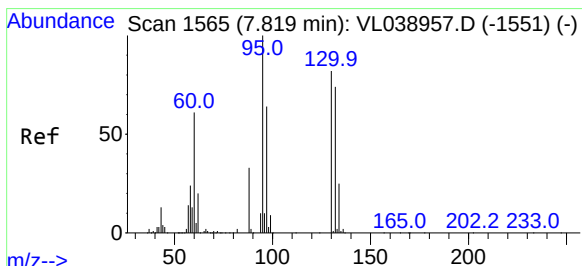
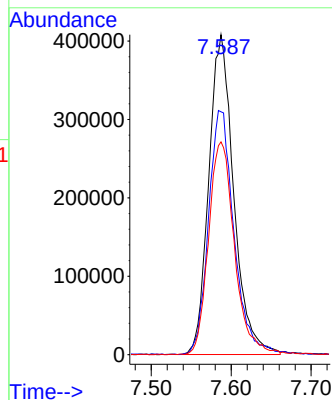
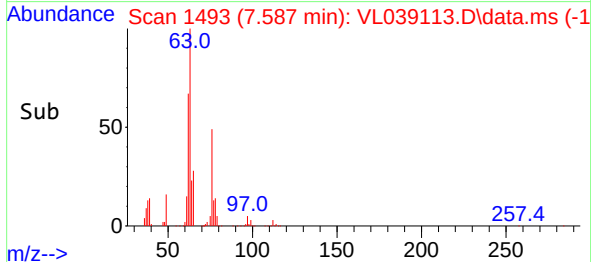
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



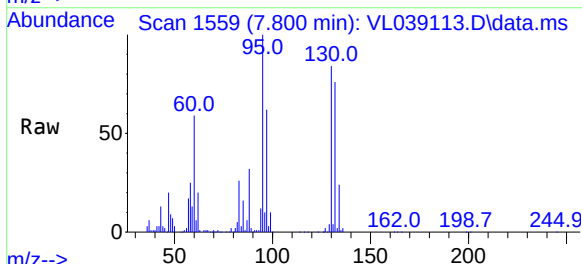
Tgt Ion: 63 Resp: 883909
Ion Ratio Lower Upper
63 100
41 75.9 55.9 83.9
62 66.3 53.8 80.6

Manual Integrations
APPROVED

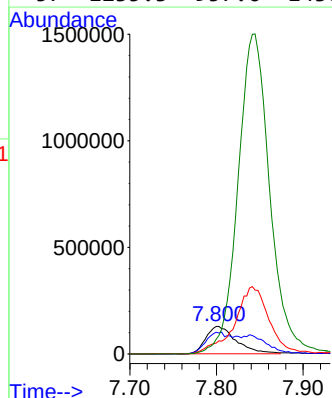
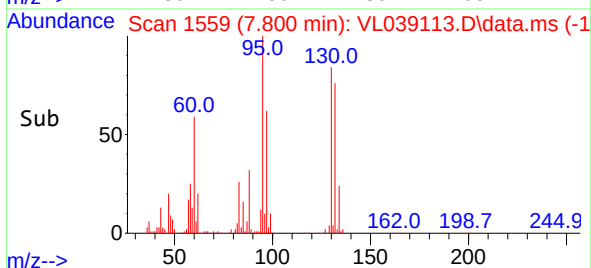
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

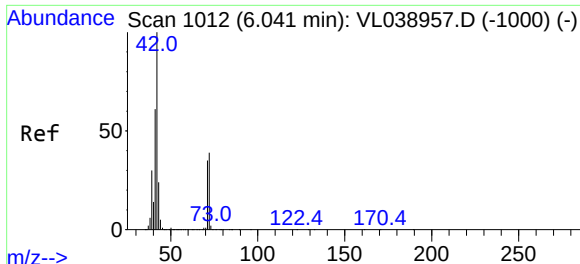


#40
1,4-Dioxane
Concen: 9.722 ppbv
RT: 7.800 min Scan# 1559
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion: 88 Resp: 311626
Ion Ratio Lower Upper
88 100
58 134.5 106.1 159.1
43 282.6 222.9 334.3
57 1235.3 957.6 1436.4





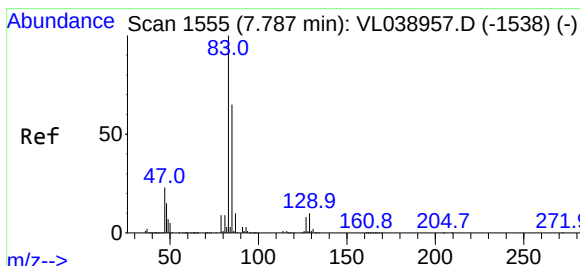
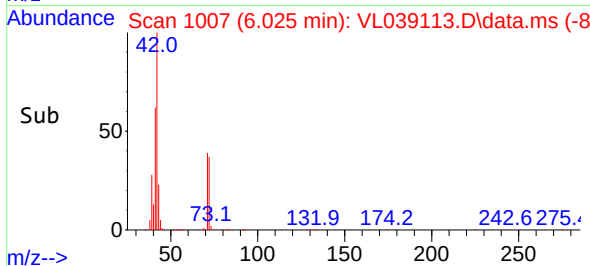
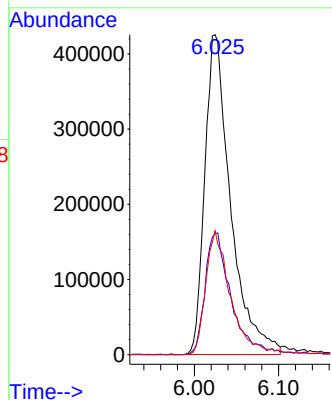
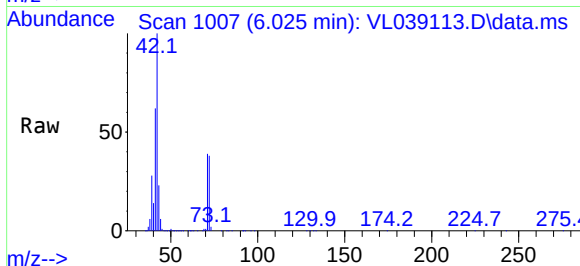
#41
Tetrahydrofuran
Concen: 9.881 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 907989
Ion Ratio Lower Upper
42 100
72 39.2 31.8 47.6
71 38.3 30.6 45.8

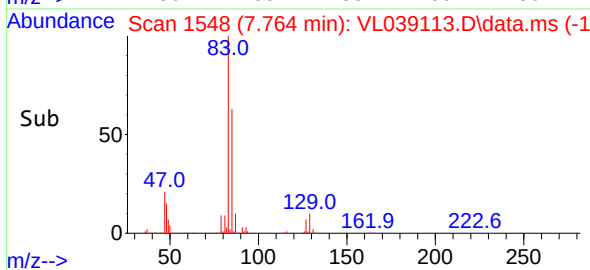
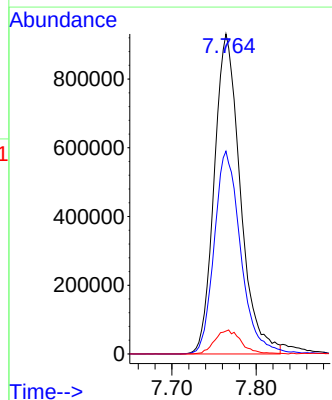
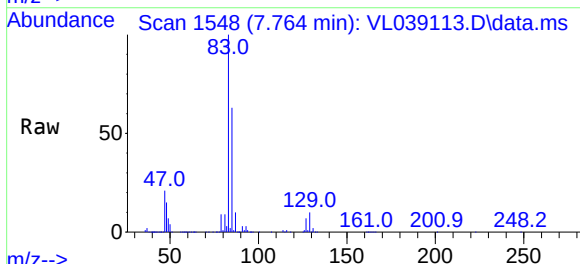
Manual Integrations
APPROVED

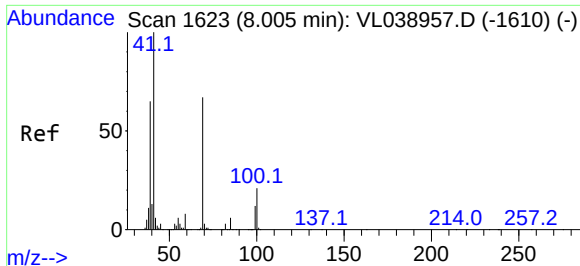
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#42
Bromodichloromethane
Concen: 10.308 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

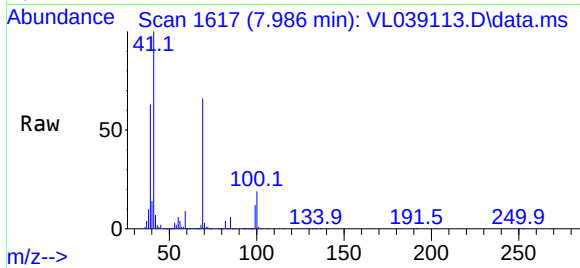
Tgt Ion: 83 Resp: 1999781
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0
127 7.1 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.522 ppbv
RT: 7.986 min Scan# 1617
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

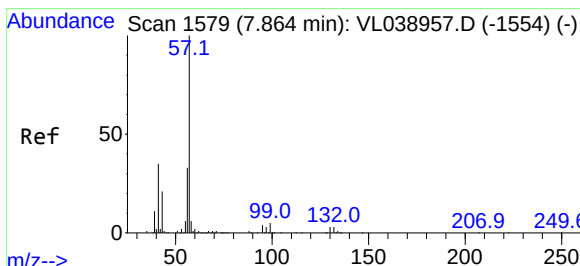
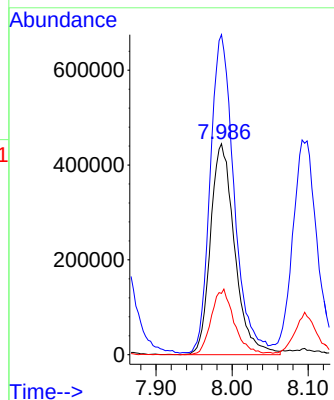
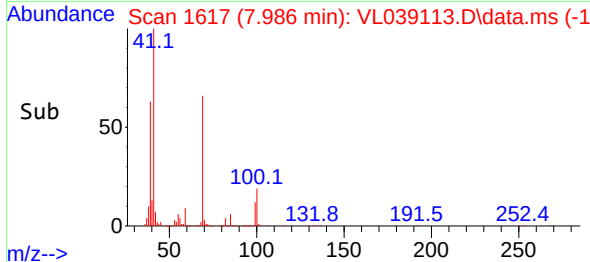
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



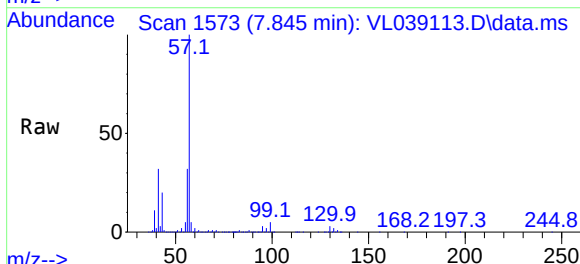
Tgt Ion: 69 Resp: 97973
Ion Ratio Lower Upper
69 100
41 150.2 121.9 182.9
100 29.6 24.6 36.8

Manual Integrations
APPROVED

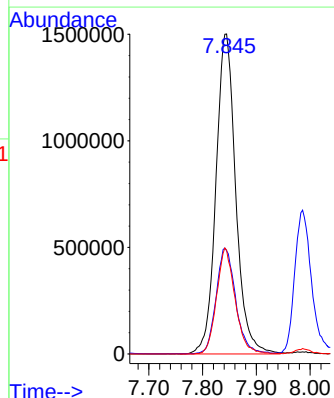
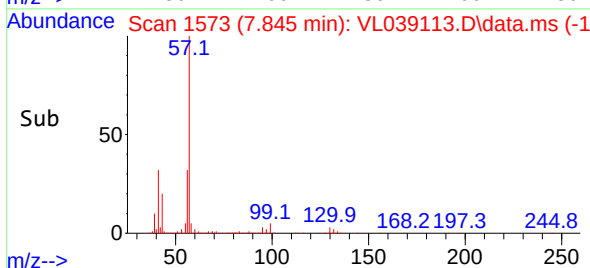
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

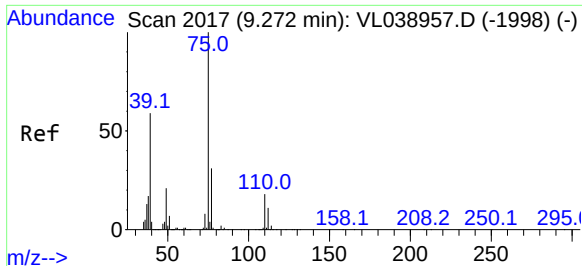


#44
2,2,4-Trimethylpentane
Concen: 9.552 ppbv
RT: 7.845 min Scan# 1573
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion: 57 Resp: 3844305
Ion Ratio Lower Upper
57 100
41 32.8 26.3 39.5
56 31.1 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 8.563 ppbv
RT: 9.250 min Scan# 2010
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

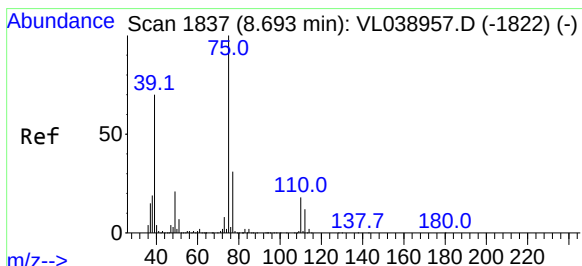
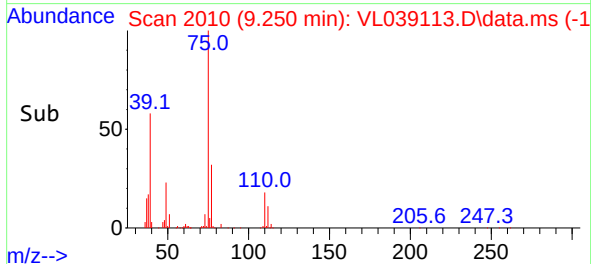
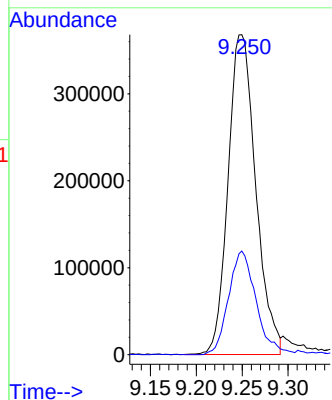
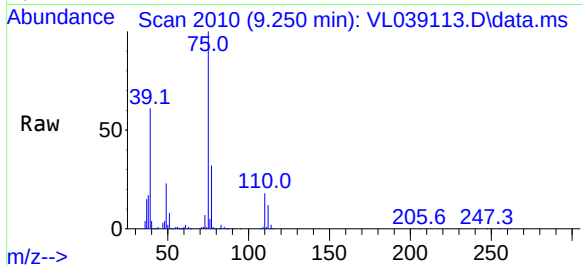
VSTDCCC010EC

Tgt Ion: 75 Resp: 771762
Ion Ratio Lower Upper
75 100
77 32.4 24.6 37.0

Manual Integrations

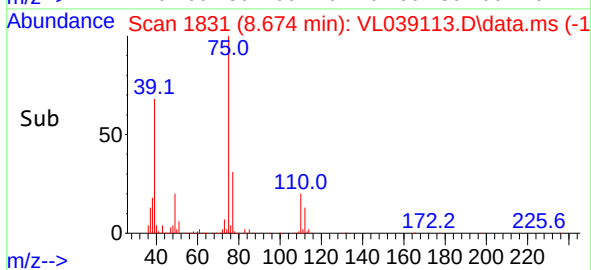
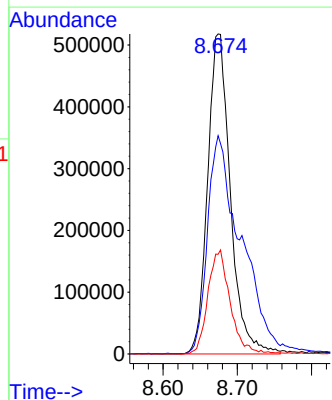
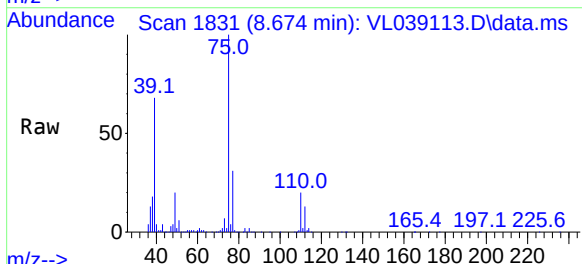
APPROVED

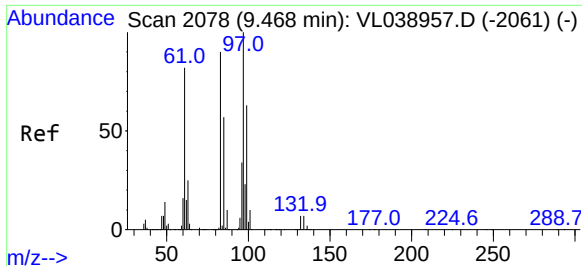
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#46
cis-1,3-Dichloropropene
Concen: 9.194 ppbv
RT: 8.674 min Scan# 1831
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 75 Resp: 1098867
Ion Ratio Lower Upper
75 100
39 68.0 55.8 83.6
77 31.1 24.8 37.2





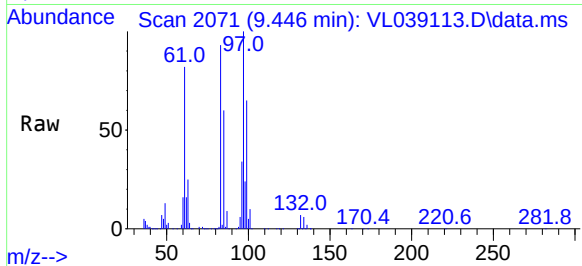
#47
1,1,2-Trichloroethane
Concen: 9.819 ppbv
RT: 9.446 min Scan# 2078
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

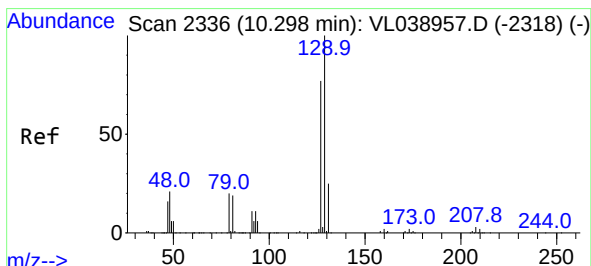
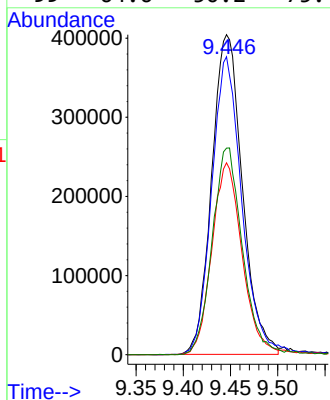
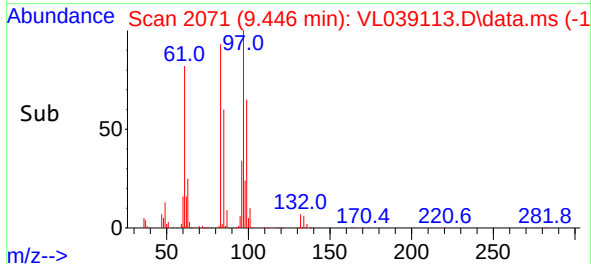


Tgt Ion: 97 Resp: 911362
Ion Ratio Lower Upper
97 100
83 93.1 72.0 108.0
85 59.9 45.7 68.5
99 64.6 50.2 75.4

Manual Integrations

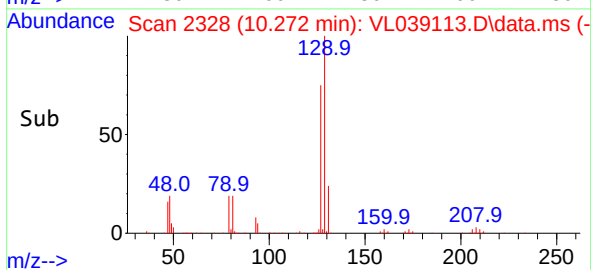
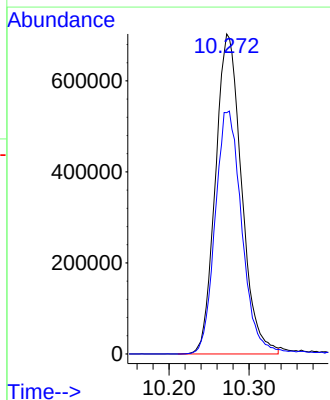
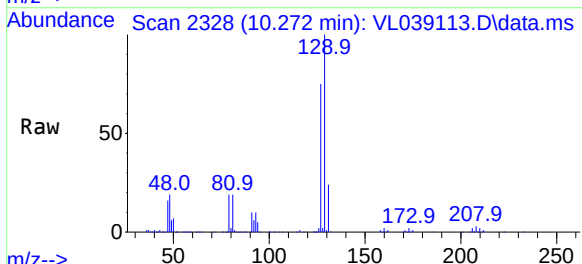
APPROVED

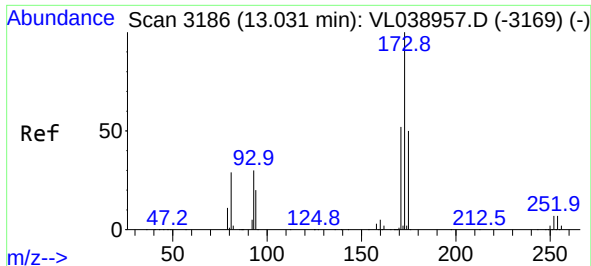
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#48
Dibromochloromethane
Concen: 10.532 ppbv
RT: 10.272 min Scan# 2328
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

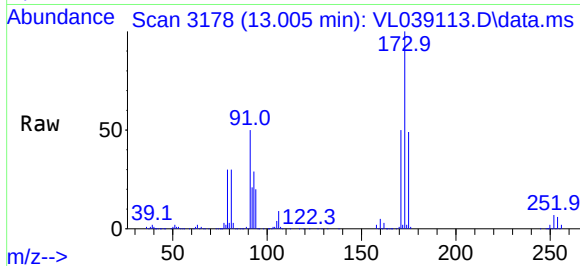
Tgt Ion:129 Resp: 1591152
Ion Ratio Lower Upper
129 100
127 78.3 39.3 117.9





#49
Bromoform
Concen: 11.119 ppbv
RT: 13.005 min Scan# 3186
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

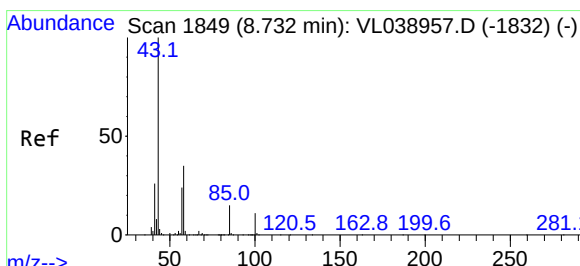
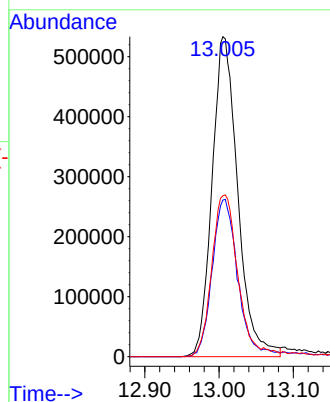
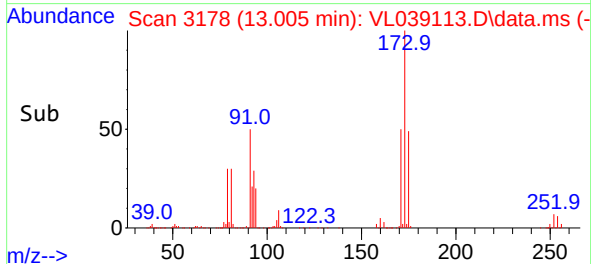
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 128108
Ion Ratio Lower Upper
173 100
175 50.9 41.0 61.6
171 53.0 42.6 64.0

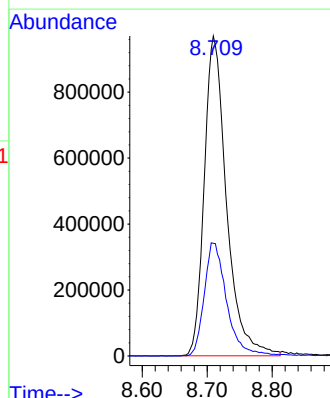
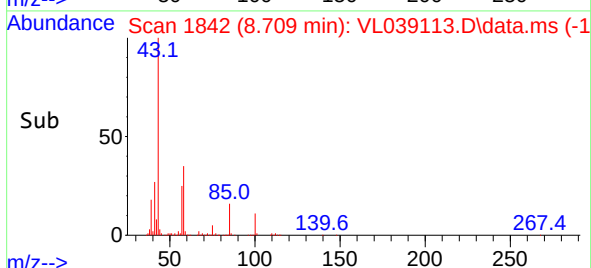
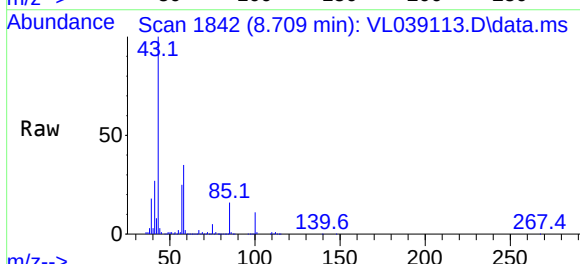
Manual Integrations
APPROVED

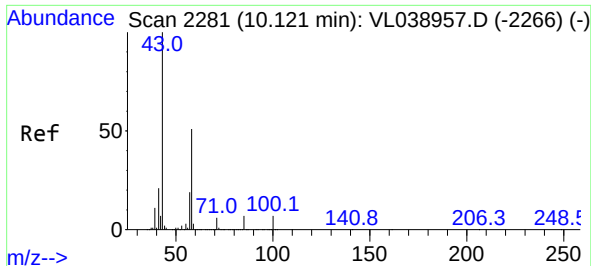
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#50
4-Methyl-2-Pentanone
Concen: 9.651 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

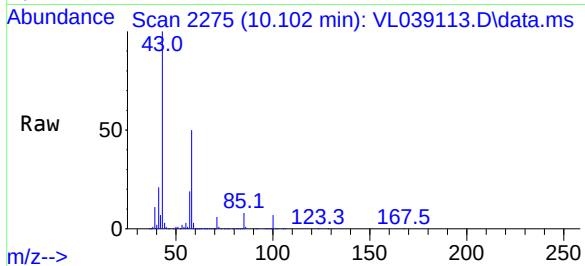
Tgt Ion: 43 Resp: 2313955
Ion Ratio Lower Upper
43 100
58 36.1 28.4 42.6





#51
2-Hexanone
Concen: 9.981 ppbv
RT: 10.102 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

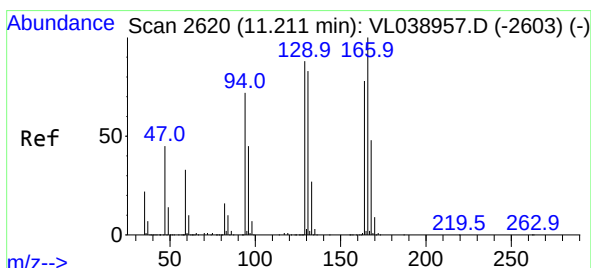
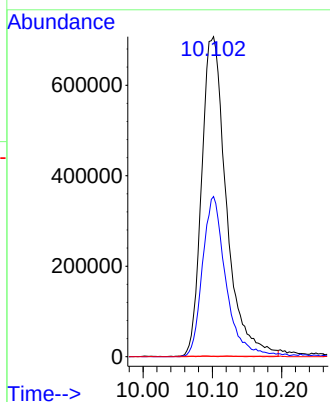
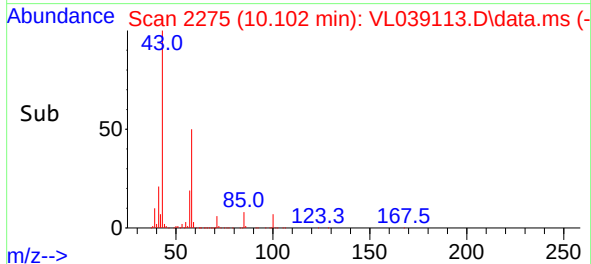
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



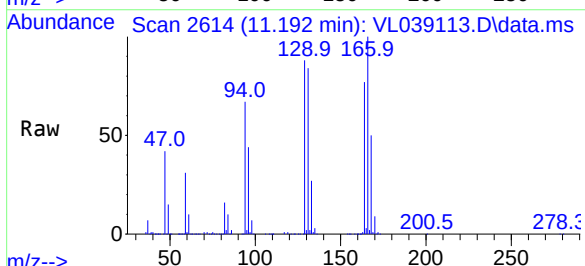
Tgt Ion: 43 Resp: 174658
Ion Ratio Lower Upper
43 100
58 48.9 39.3 58.9
98 0.2 0.2 0.2

Manual Integrations
APPROVED

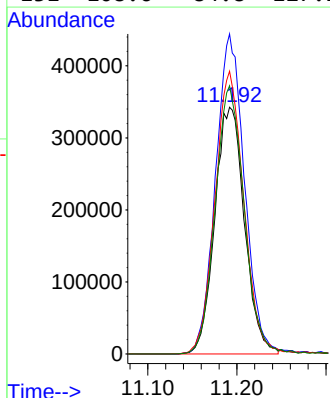
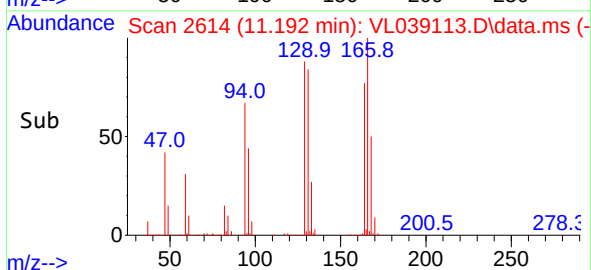
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

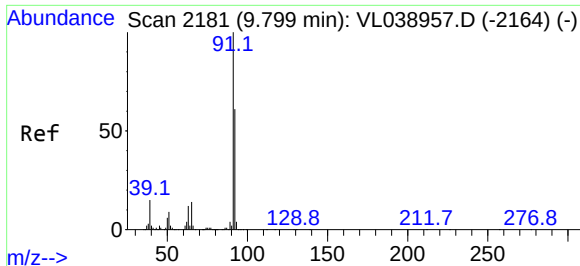


#52
Tetrachloroethene
Concen: 9.656 ppbv
RT: 11.192 min Scan# 2614
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



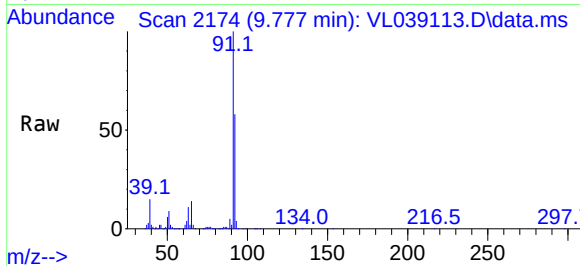
Tgt Ion:164 Resp: 791459
Ion Ratio Lower Upper
164 100
166 129.7 102.5 153.7
129 114.6 90.1 135.1
131 108.6 84.8 127.2





#53
Toluene
Concen: 10.056 ppbv
RT: 9.777 min Scan# 2181
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

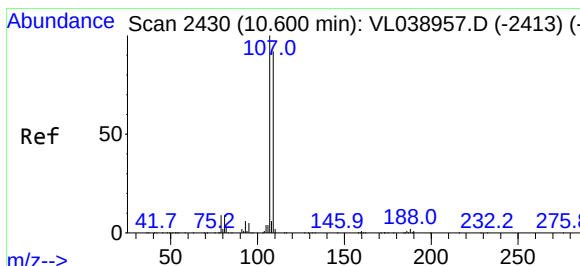
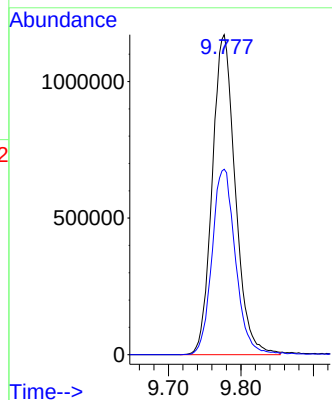
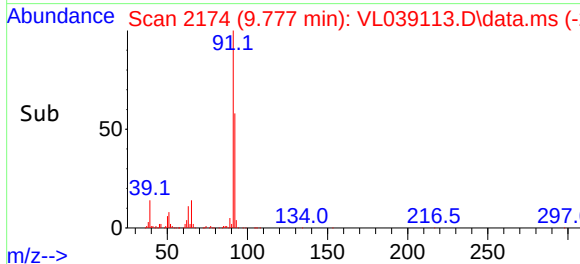
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



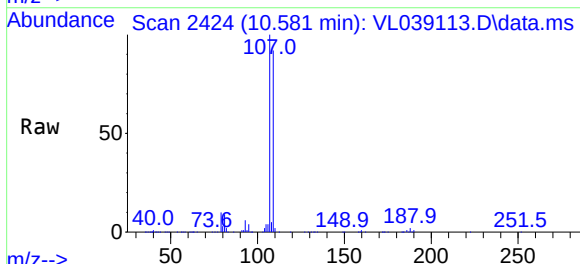
Tgt Ion: 91 Resp: 258506
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

Manual Integrations
APPROVED

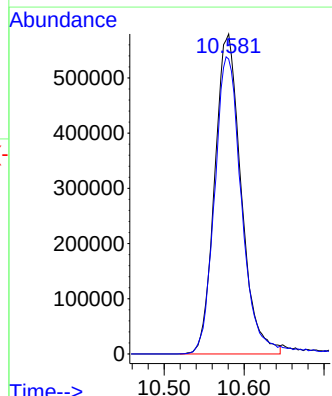
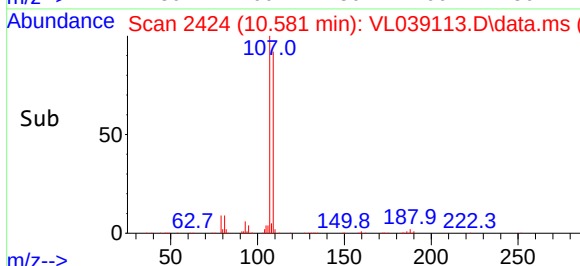
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

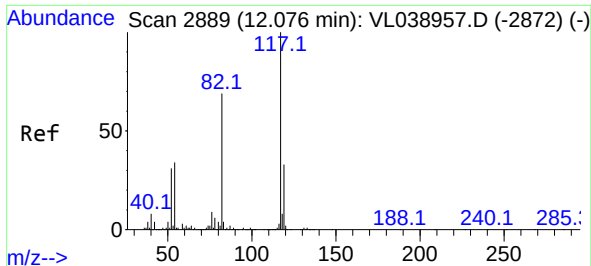


#54
1,2-Dibromoethane
Concen: 10.511 ppbv
RT: 10.581 min Scan# 2424
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



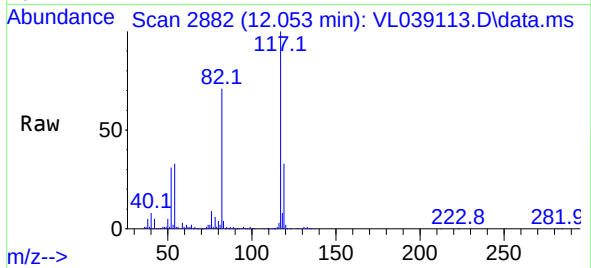
Tgt Ion:107 Resp: 1328188
Ion Ratio Lower Upper
107 100
109 92.1 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.053 min Scan# 2889
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

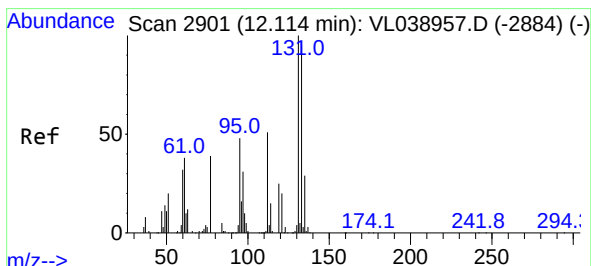
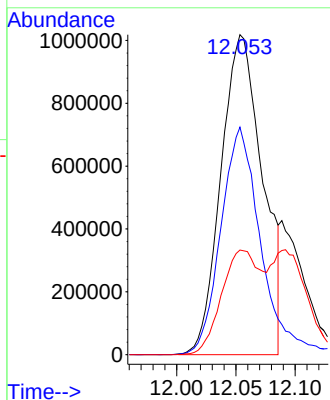
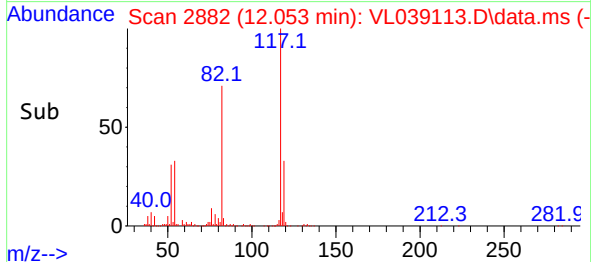
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



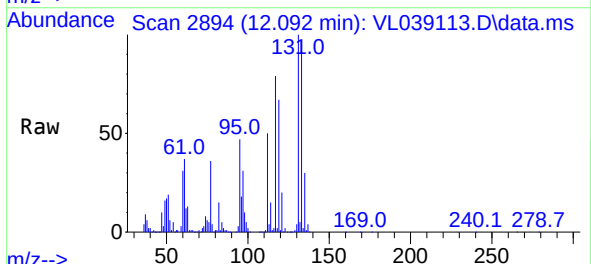
Tgt Ion:117 Resp: 248420
Ion Ratio Lower Upper
117 100
82 70.8 57.0 85.6
119 27.6 27.2 40.8

Manual Integrations
APPROVED

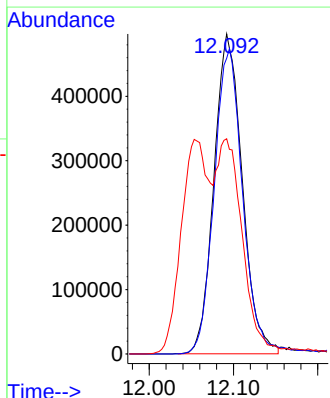
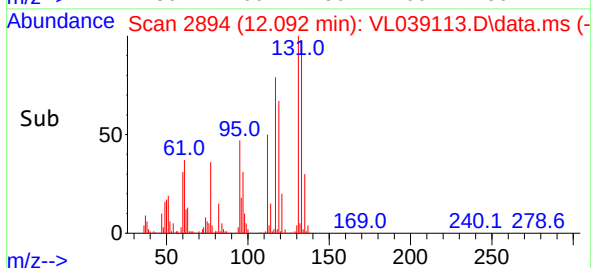
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

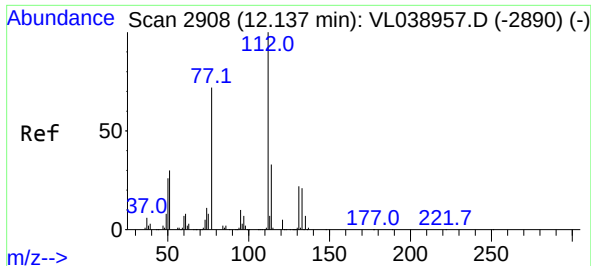


#56
1,1,1,2-Tetrachloroethane
Concen: 10.584 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion:131 Resp: 1153563
Ion Ratio Lower Upper
131 100
133 98.1 76.9 115.3
119 64.3 47.4 71.0





#57

Chlorobenzene

Concen: 9.824 ppbv

RT: 12.114 min Scan# 2901

Delta R.T. -0.022 min

Lab File: VL039113.D

Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 1829310

Ion Ratio Lower Upper

112 100

77 71.3 57.7 86.5

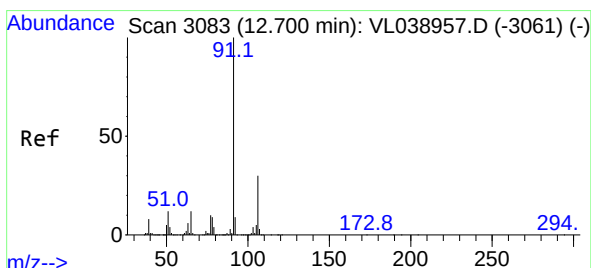
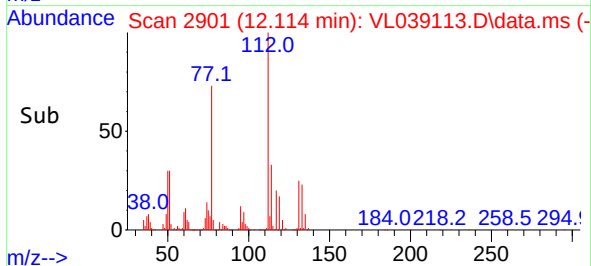
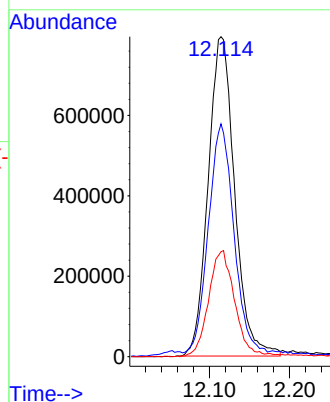
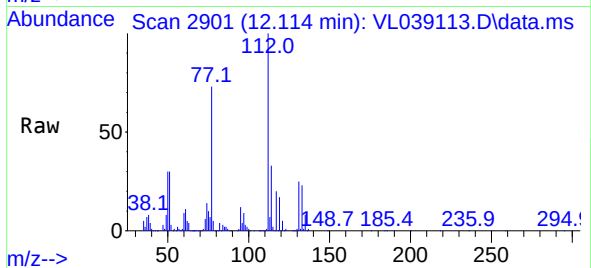
114 32.8 30.1 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022



#58

Ethyl Benzene

Concen: 9.709 ppbv

RT: 12.680 min Scan# 3077

Delta R.T. -0.019 min

Lab File: VL039113.D

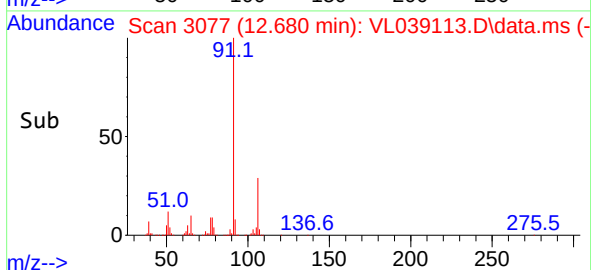
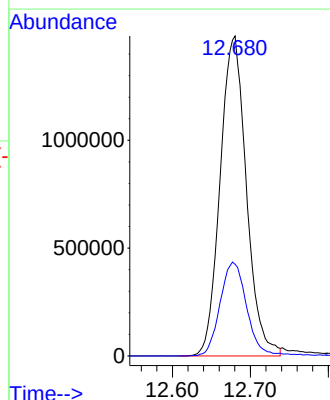
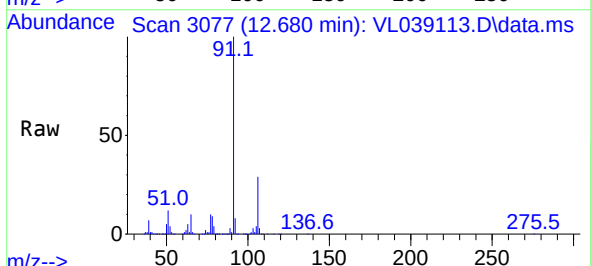
Acq: 24 May 2022 10:28

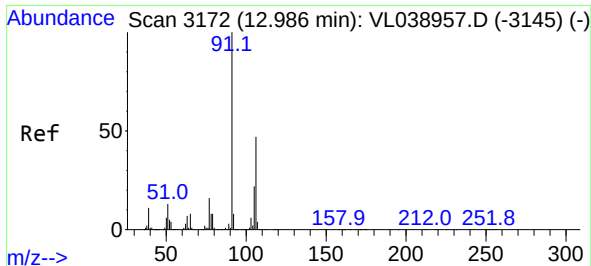
Tgt Ion: 91 Resp: 3471174

Ion Ratio Lower Upper

91 100

106 28.6 24.2 36.4





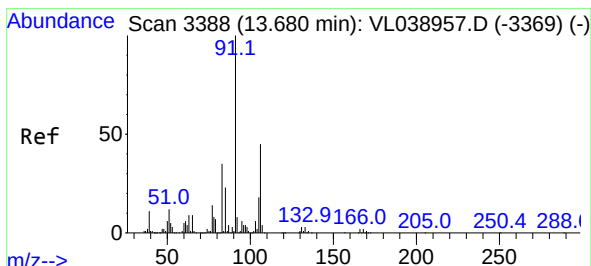
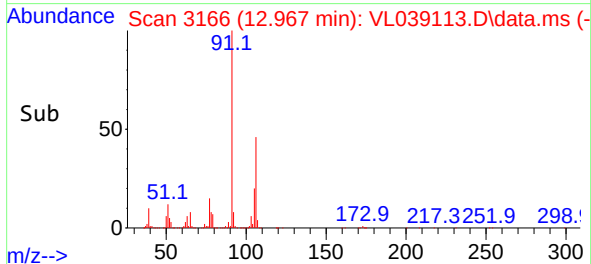
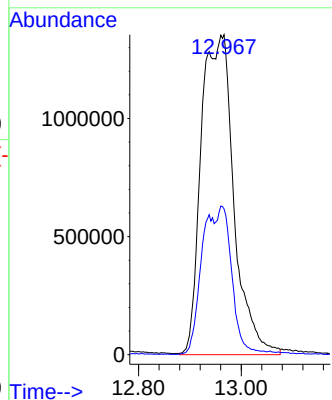
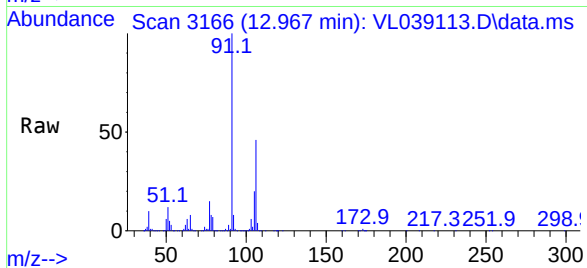
#59
m/p-Xylene
Concen: 19.566 ppbv m
RT: 12.967 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 597168
Ion Ratio Lower Upper
91 100
106 42.9 34.6 52.0

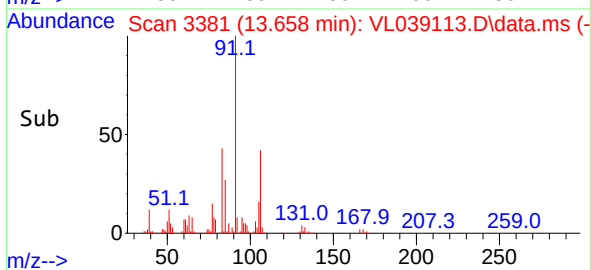
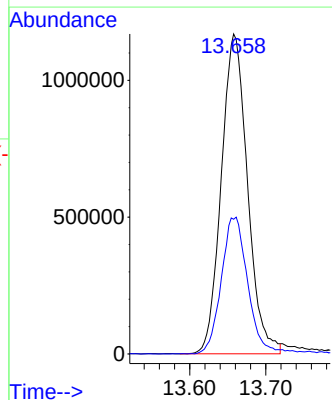
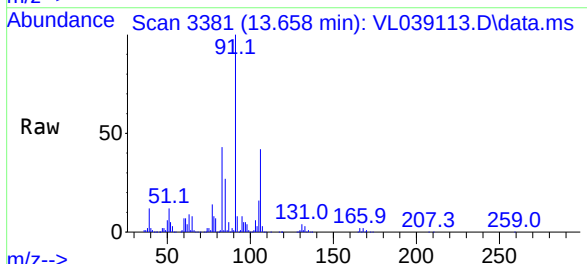
Manual Integrations
APPROVED

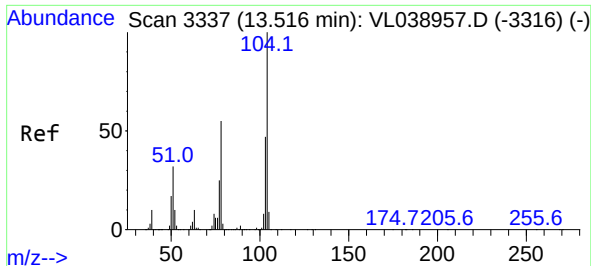
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
o-Xylene
Concen: 9.757 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 91 Resp: 2802652
Ion Ratio Lower Upper
91 100
106 44.4 22.2 66.6





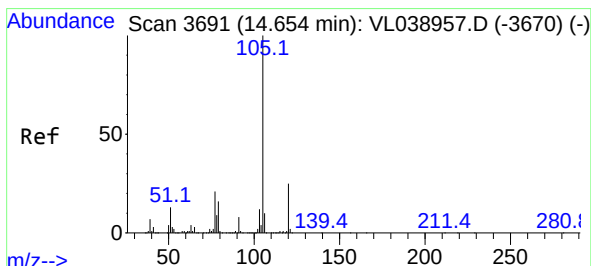
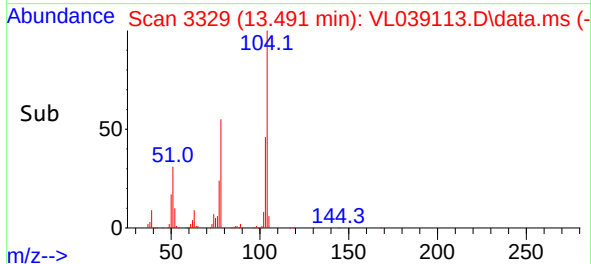
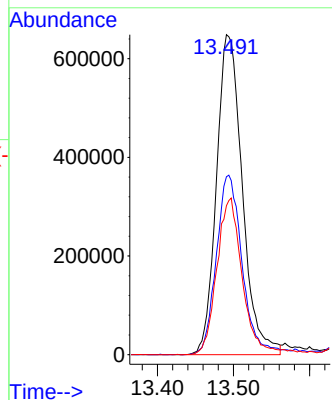
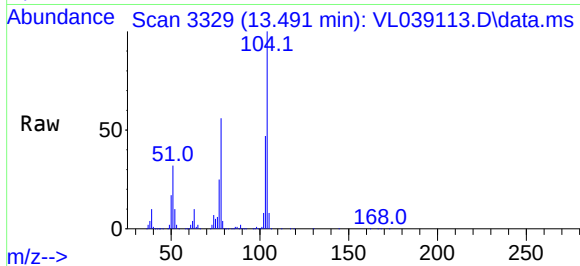
#61
Styrene
Concen: 10.004 ppbv
RT: 13.491 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 153421
Ion Ratio Lower Upper
104 100
78 57.1 46.4 69.6
103 49.0 39.3 58.9

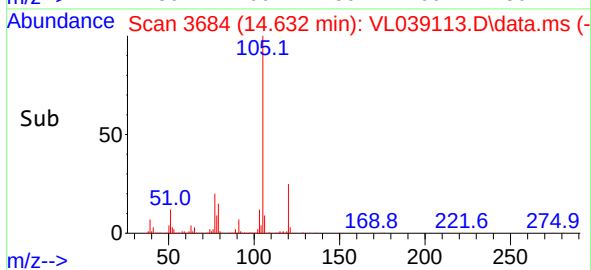
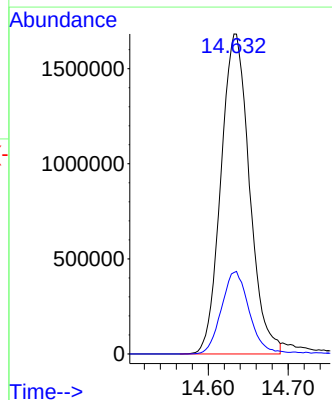
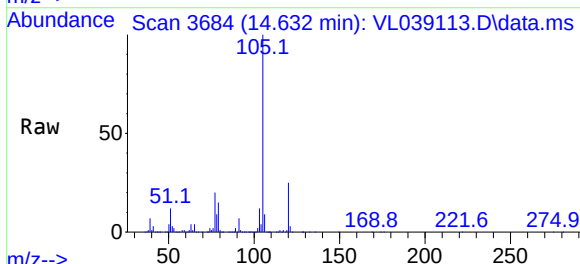
Manual Integrations
APPROVED

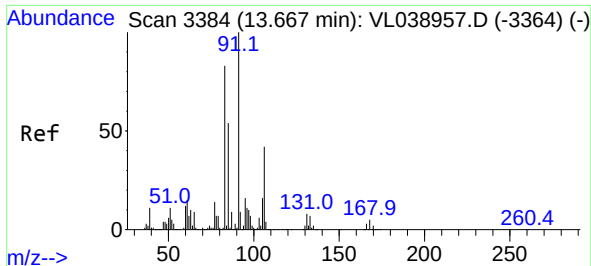
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#62
Isopropylbenzene
Concen: 9.922 ppbv
RT: 14.632 min Scan# 3684
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

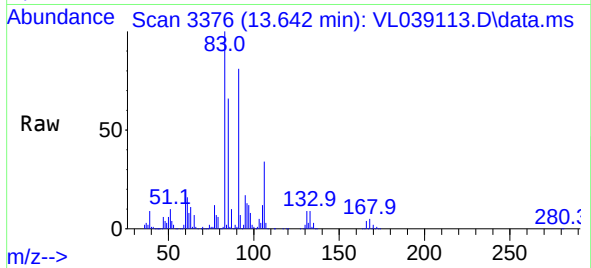
Tgt Ion:105 Resp: 4167743
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 11.377 ppbv
RT: 13.642 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

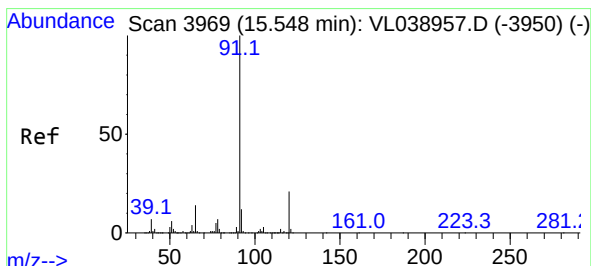
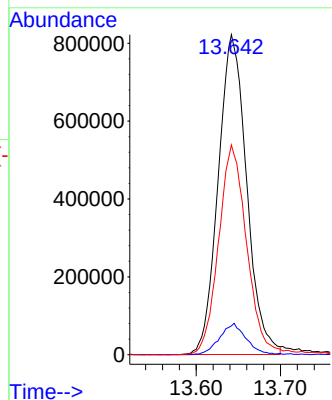
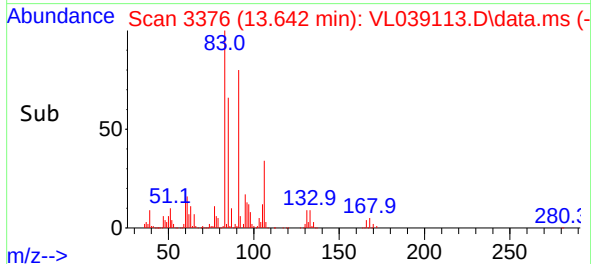
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 192440
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.9 32.8 98.3

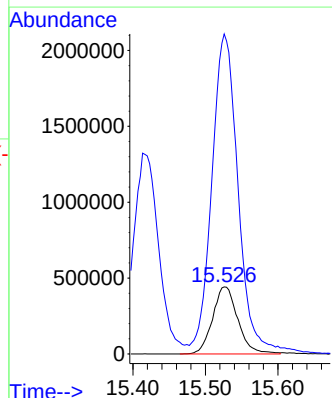
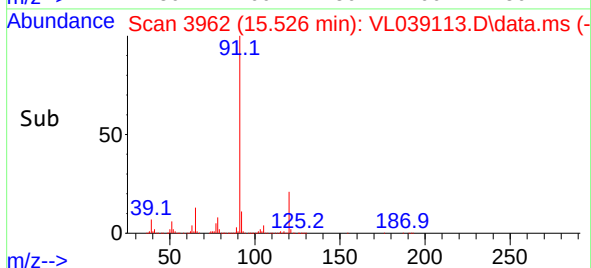
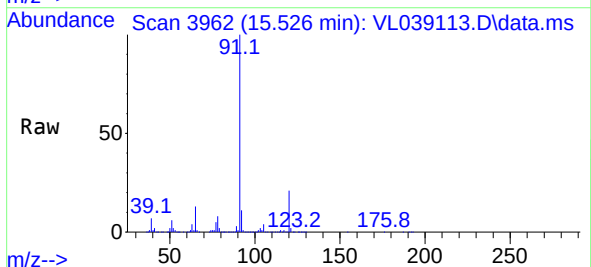
Manual Integrations
APPROVED

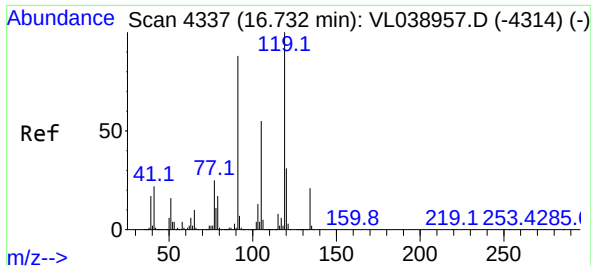
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#64
n-propylbenzene
Concen: 10.525 ppbv
RT: 15.526 min Scan# 3962
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion:120 Resp: 1068871
Ion Ratio Lower Upper
120 100
91 499.7 400.6 601.0





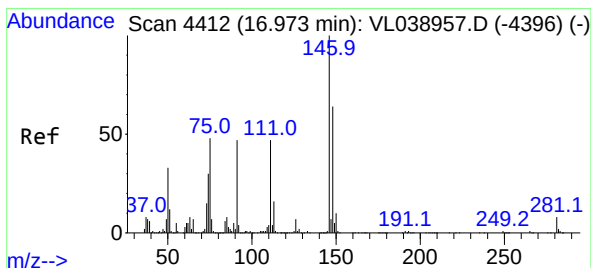
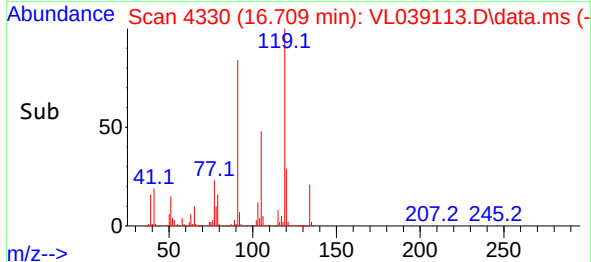
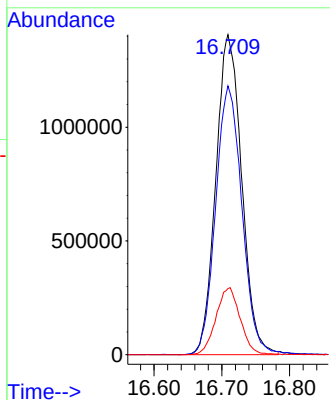
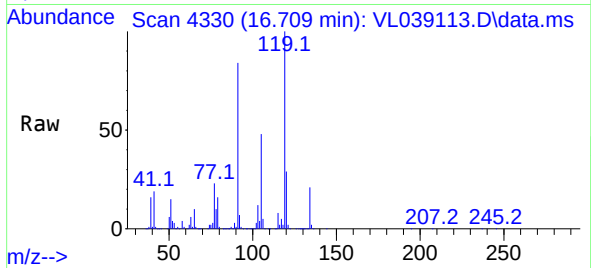
#65
tert-Butylbenzene
Concen: 10.138 ppbv
RT: 16.709 min Scan# 411
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 373160
Ion Ratio Lower Upper
119 100
91 85.4 69.4 104.2
134 19.6 15.8 23.8

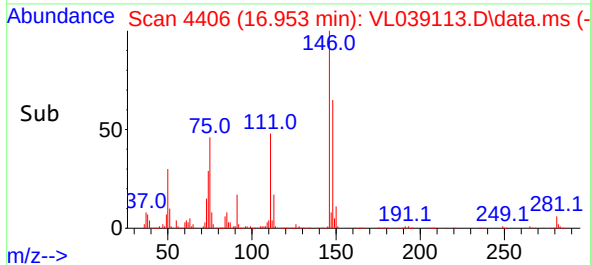
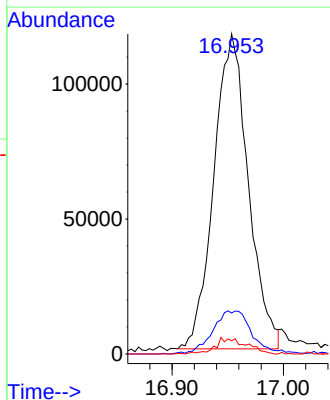
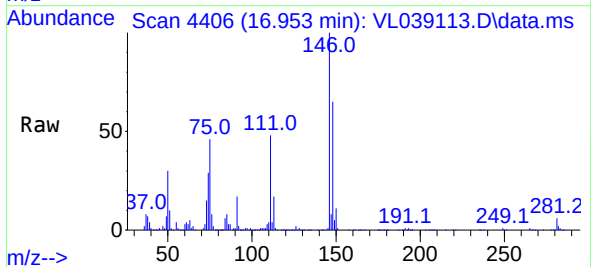
Manual Integrations
APPROVED

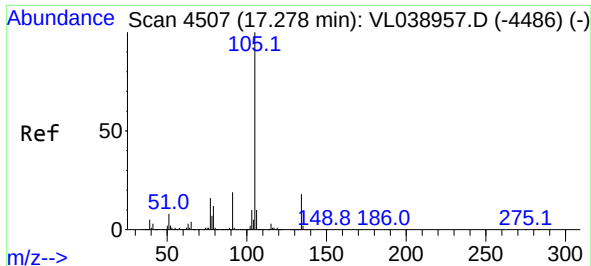
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#66
Benzyl Chloride
Concen: 5.217 ppbv
RT: 16.953 min Scan# 4406
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Tgt Ion: 91 Resp: 250993
Ion Ratio Lower Upper
91 100
126 15.9 11.8 17.6
128 4.7 4.2 6.2





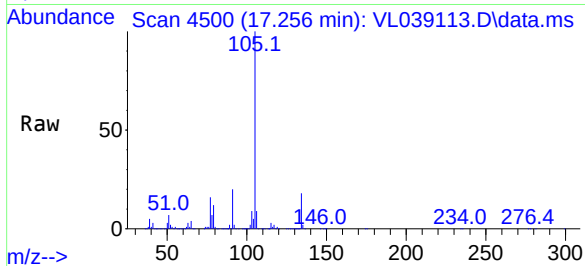
#67
 sec-Butylbenzene
 Concen: 10.188 ppbv
 RT: 17.256 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

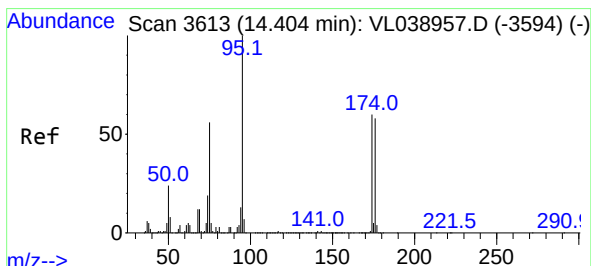
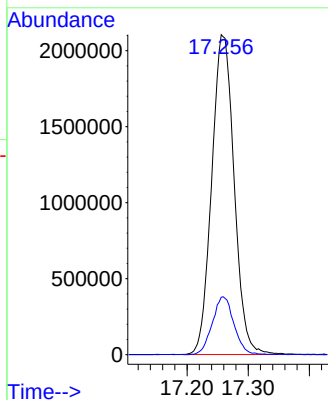
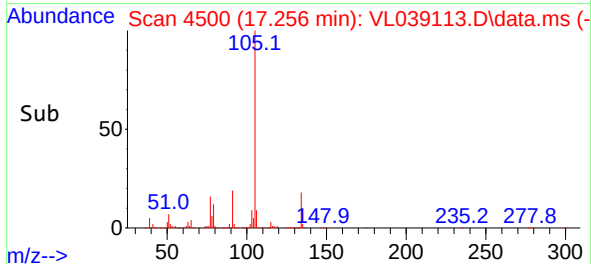


Tgt Ion:105 Resp: 535728
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4

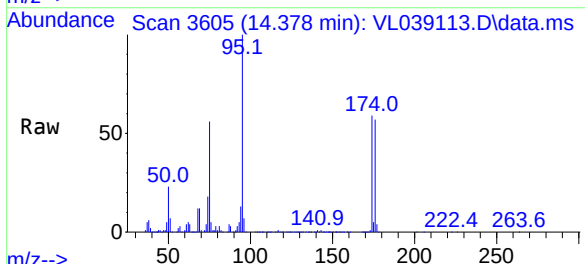
Manual Integrations

APPROVED

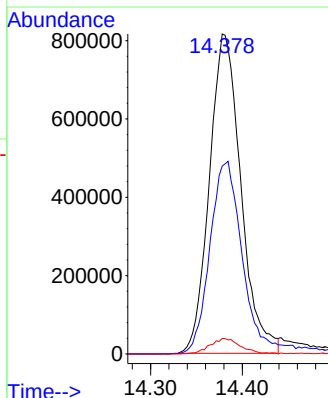
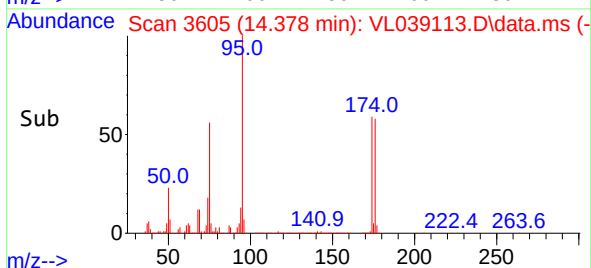
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

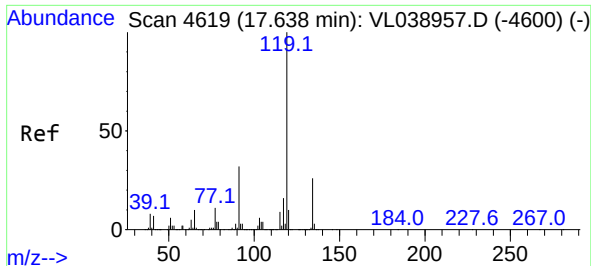


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.875 ppbv
 RT: 14.378 min Scan# 3605
 Delta R.T. -0.026 min
 Lab File: VL039113.D
 Acq: 24 May 2022 10:28



Tgt Ion: 95 Resp: 1942863
 Ion Ratio Lower Upper
 95 100
 174 65.2 50.8 76.2
 175 4.9 3.8 5.6





#69

p-Isopropyltoluene

Concen: 10.360 ppbv

RT: 17.616 min Scan# 41

Delta R.T. -0.022 min

Lab File: VL039113.D

Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4400950

Ion Ratio Lower Upper

119 100

134 24.7 20.0 30.0

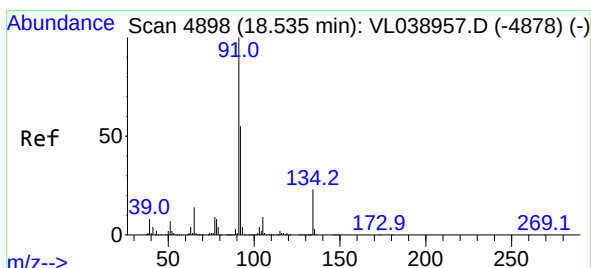
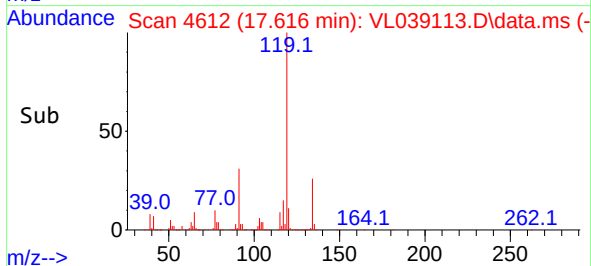
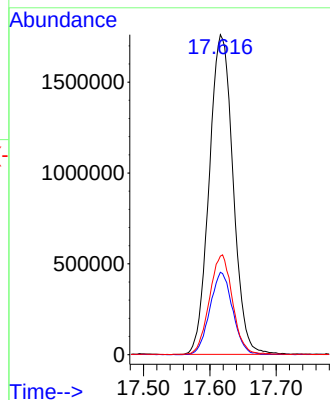
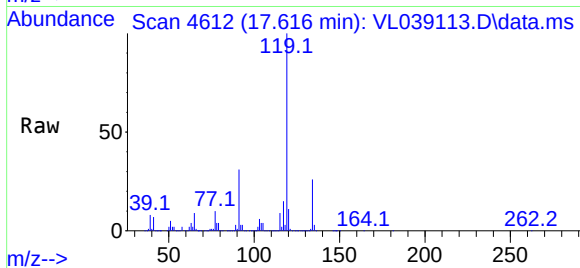
91 30.2 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022



#70

n-Butylbenzene

Concen: 10.414 ppbv

RT: 18.513 min Scan# 4891

Delta R.T. -0.022 min

Lab File: VL039113.D

Acq: 24 May 2022 10:28

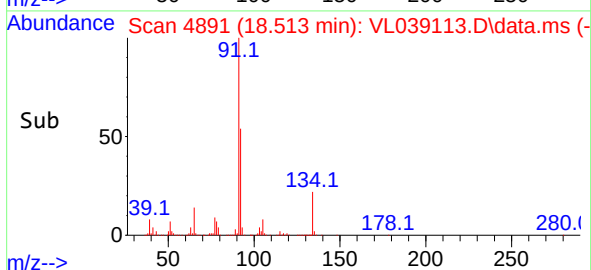
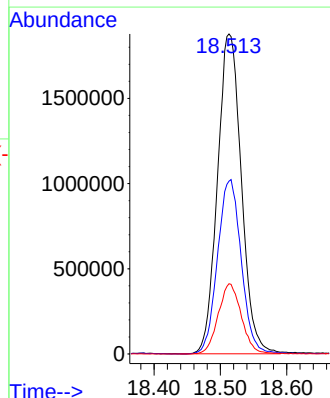
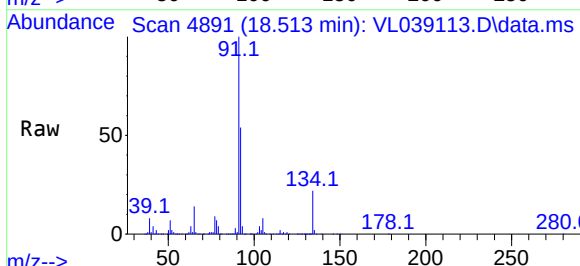
Tgt Ion: 91 Resp: 4700284

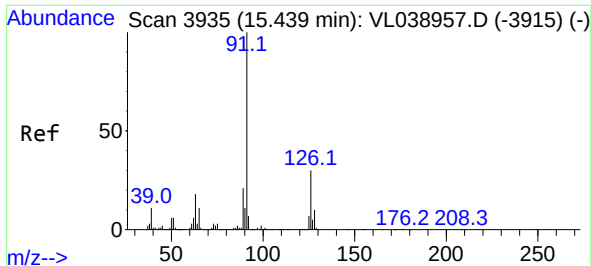
Ion Ratio Lower Upper

91 100

92 54.3 43.1 64.7

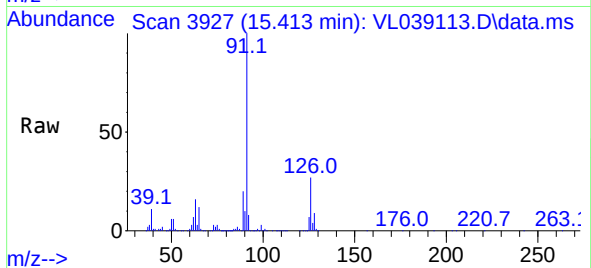
134 21.4 17.0 25.4





#71
2-Chlorotoluene
Concen: 9.972 ppbv
RT: 15.413 min Scan# 3935
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

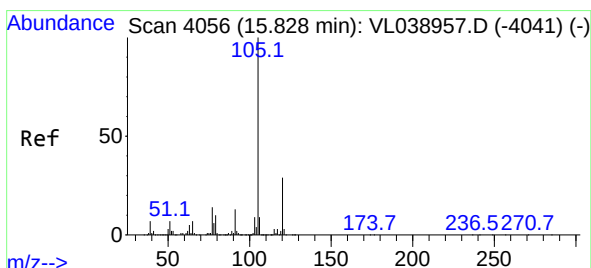
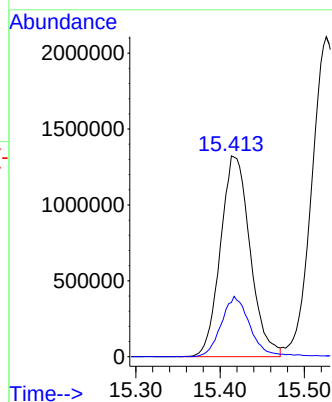
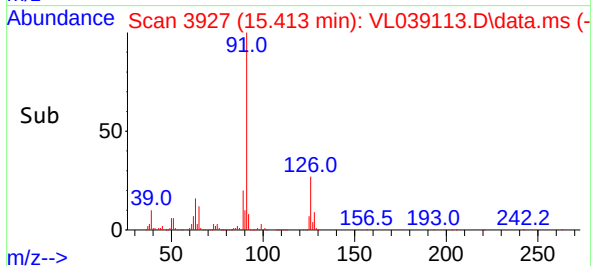
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



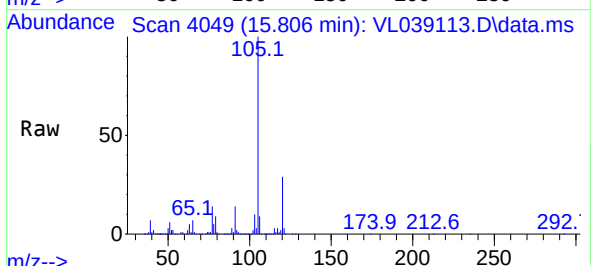
Tgt Ion: 91 Resp: 3229430
Ion Ratio Lower Upper
91 100
126 29.8 11.9 47.5

Manual Integrations
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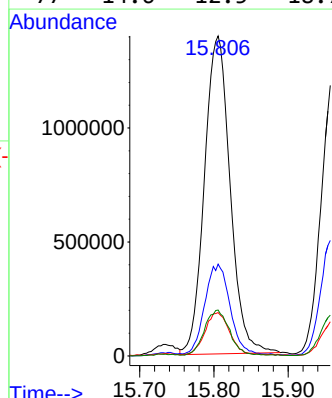
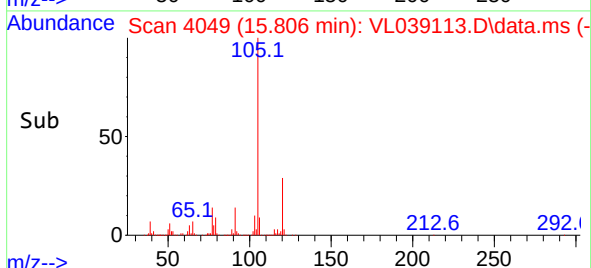
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

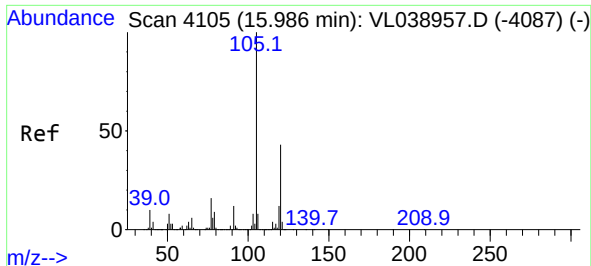


#72
4-Ethyltoluene
Concen: 10.239 ppbv
RT: 15.806 min Scan# 4049
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



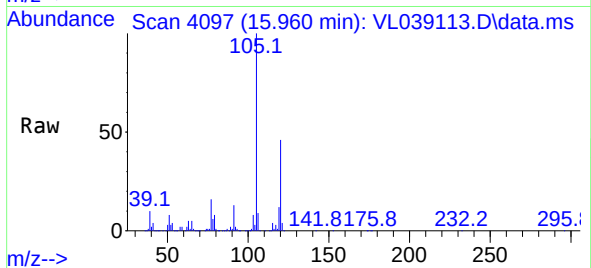
Tgt Ion:105 Resp: 3351502
Ion Ratio Lower Upper
105 100
120 30.3 23.4 35.0
91 13.0 10.6 16.0
77 14.6 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 10.116 ppbv
RT: 15.960 min Scan# 4097
Delta R.T. -0.026 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

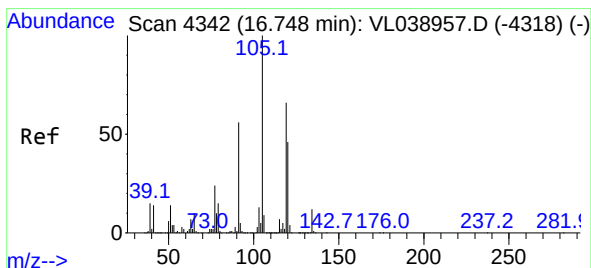
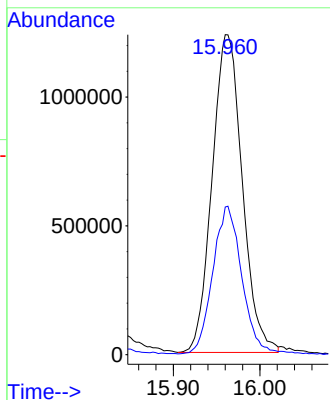
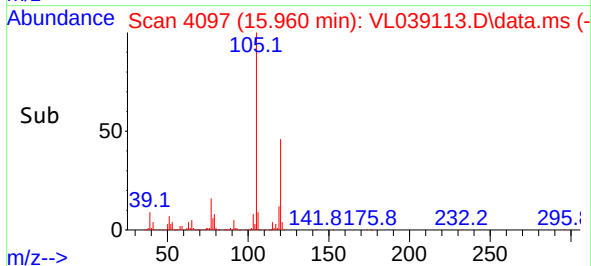
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



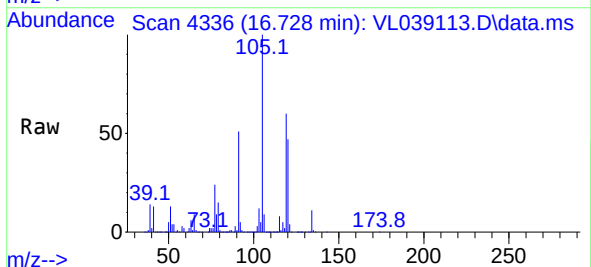
Tgt Ion:105 Resp: 2981130
Ion Ratio Lower Upper
105 100
120 46.2 34.4 51.6

Manual Integrations
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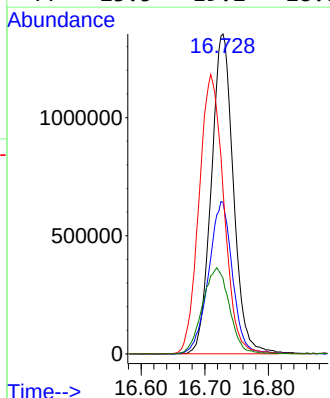
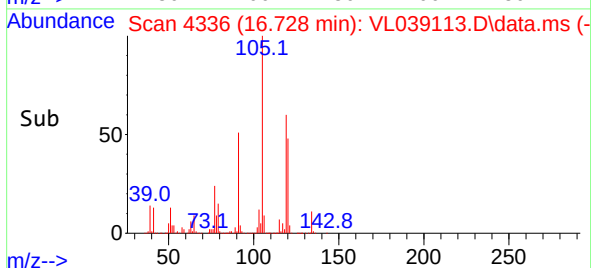
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

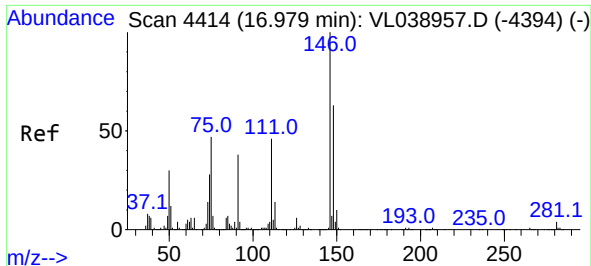


#74
1,2,4-Trimethylbenzene
Concen: 10.107 ppbv
RT: 16.728 min Scan# 4336
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion:105 Resp: 3261109
Ion Ratio Lower Upper
105 100
120 47.3 36.9 55.3
91 51.1 45.0 67.4
77 23.5 19.2 28.8





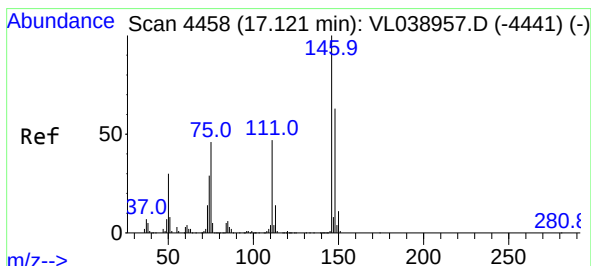
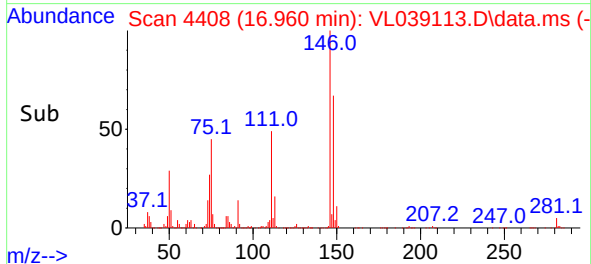
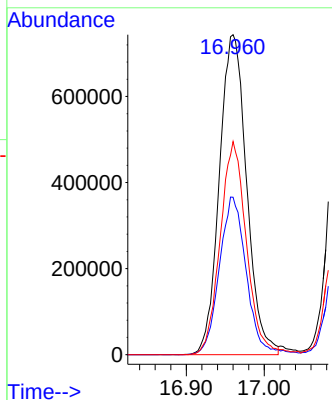
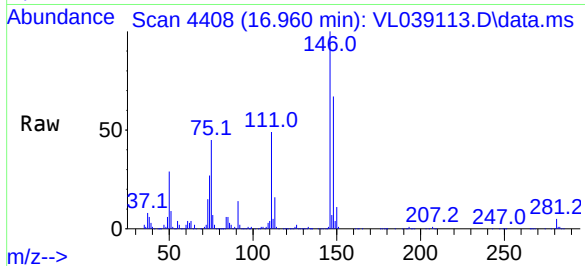
#75
1,3-Dichlorobenzene
Concen: 10.238 ppbv
RT: 16.960 min Scan# 4414
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1810030
Ion Ratio Lower Upper
146 100
111 48.8 24.1 72.2
148 64.6 32.4 97.2

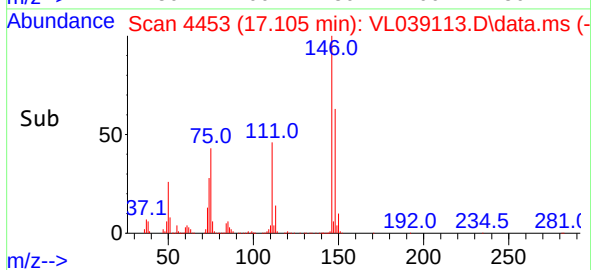
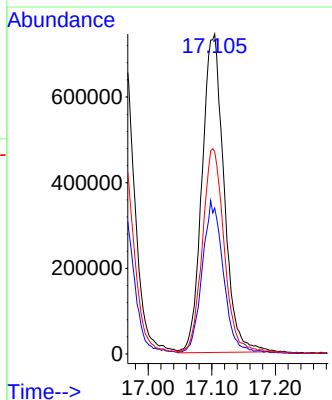
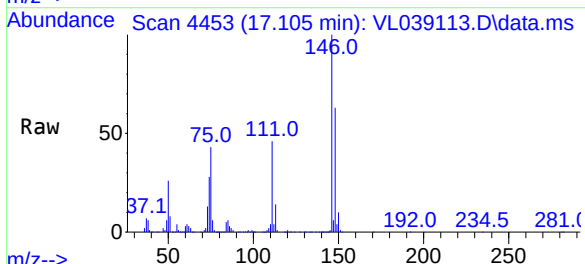
Manual Integrations
APPROVED

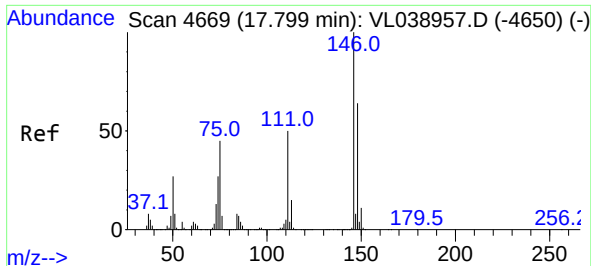
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#76
1,4-Dichlorobenzene
Concen: 10.272 ppbv
RT: 17.105 min Scan# 4453
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

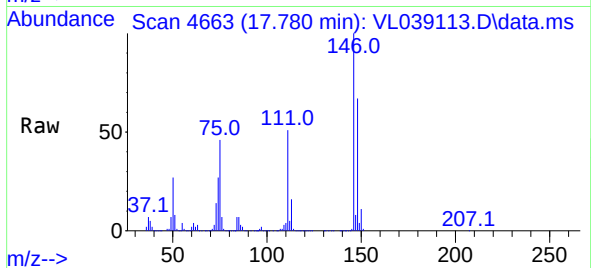
Tgt Ion:146 Resp: 1786449
Ion Ratio Lower Upper
146 100
111 46.9 23.6 71.0
148 65.7 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 10.224 ppbv
RT: 17.780 min Scan# 411
Delta R.T. -0.019 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

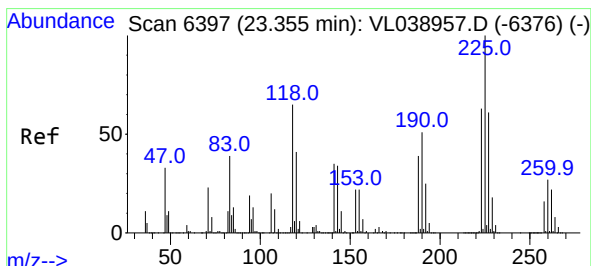
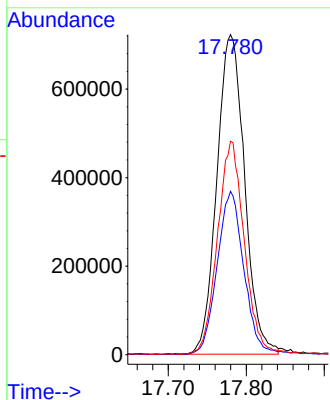
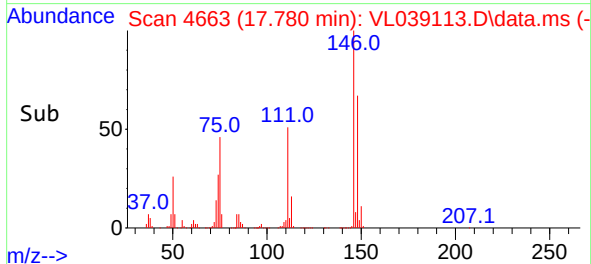
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



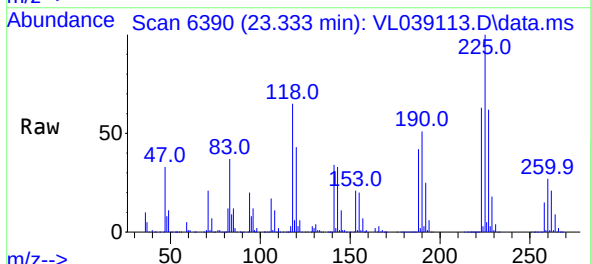
Tgt Ion:146 Resp: 1787690
Ion Ratio Lower Upper
146 100
111 49.8 25.3 75.9
148 64.9 32.3 96.9

Manual Integrations
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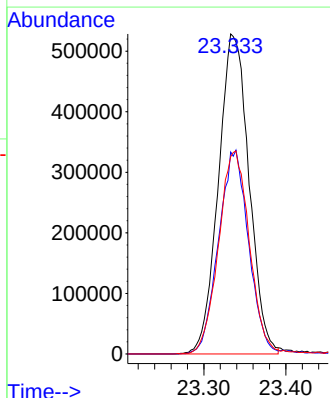
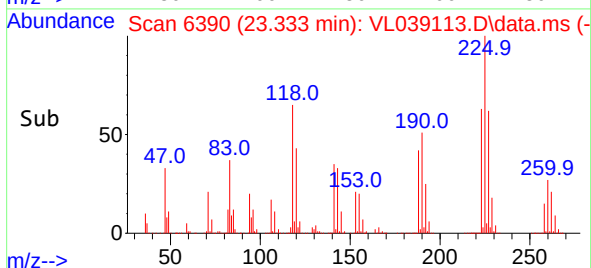
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

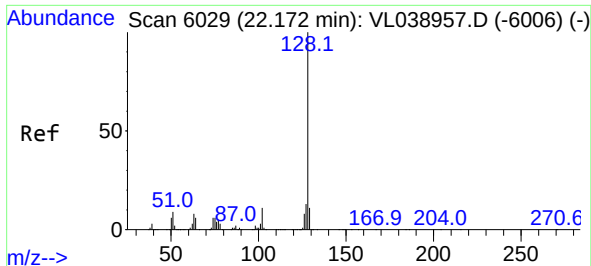


#78
Hexachloro-1,3-Butadiene
Concen: 8.529 ppbv
RT: 23.333 min Scan# 6390
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



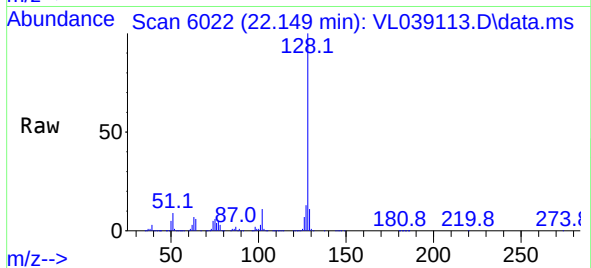
Tgt Ion:225 Resp: 1370496
Ion Ratio Lower Upper
225 100
223 63.5 51.4 77.0
227 64.5 51.4 77.0





#79
Naphthalene
Concen: 9.558 ppbv
RT: 22.149 min Scan# 6022
Delta R.T. -0.022 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28

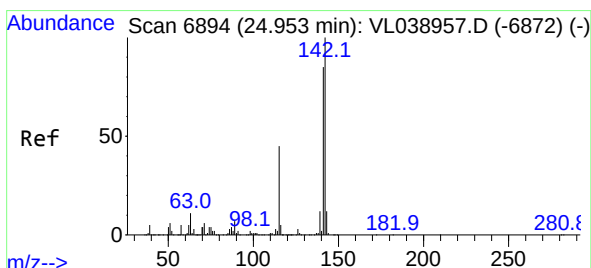
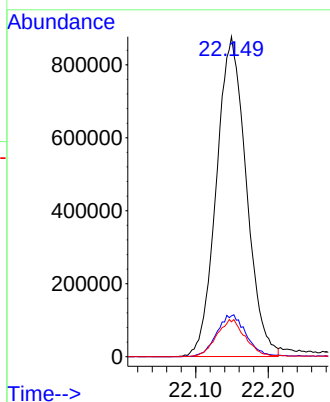
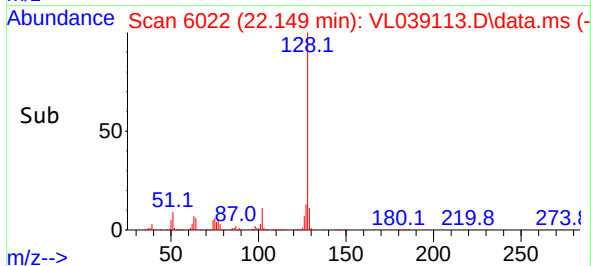
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



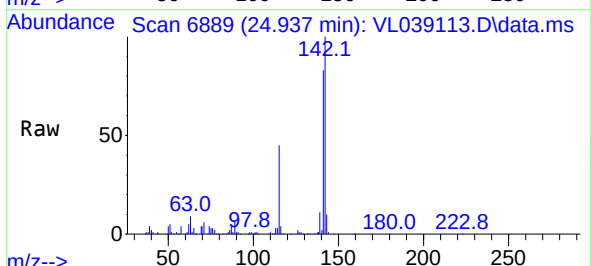
Tgt Ion:128 Resp: 250506
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.9 13.3

Manual Integrations
APPROVED

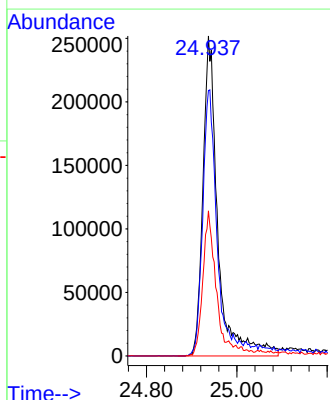
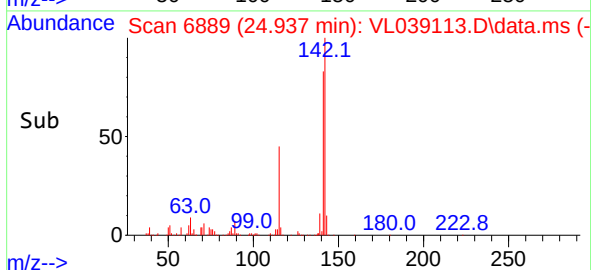
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

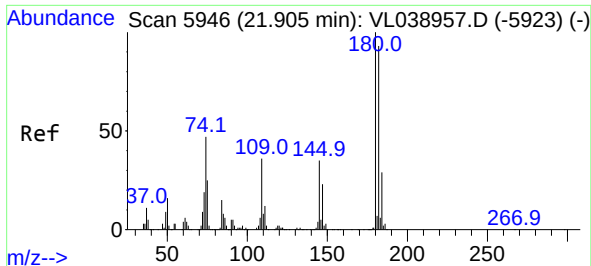


#80
Naphthalene,2-methyl-
Concen: 7.295 ppbv
RT: 24.937 min Scan# 6889
Delta R.T. -0.016 min
Lab File: VL039113.D
Acq: 24 May 2022 10:28



Tgt Ion:142 Resp: 578372
Ion Ratio Lower Upper
142 100
141 85.3 70.8 106.2
115 43.3 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 9.080 ppbv

RT: 21.883 min Scan# 5939

Delta R.T. -0.022 min

Lab File: VL039113.D

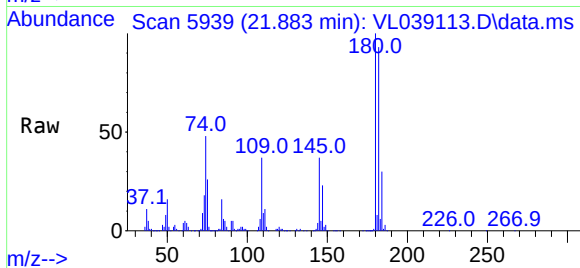
Acq: 24 May 2022 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 139446

Ion Ratio Lower Upper

180 100

182 97.7 78.4 117.6

184 31.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022

