

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039202.D
 Acq On : 7 Jun 2022 3:18
 Operator : SY/AP
 Sample : VL0606SBL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 06:31:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1170135	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3440966	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3423049m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2473583 8.741 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 87.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	2248469	10.940	ppbv	100
3) Chlorodifluoromethane	2.989	51	1499751	10.073	ppbv	94
4) Chloromethane	3.144	50	739425	9.669	ppbv	98
5) Vinyl Chloride	3.260	62	740318	10.355	ppbv	98
6) Bromomethane	3.475	94	334505	9.511	ppbv	99
7) Chloroethane	3.559	64	250315	10.048	ppbv	100
8) Dichlorotetrafluoroethane	3.189	85	1811301	9.643	ppbv	93
9) Propene	3.012	41	748267	11.526	ppbv	99
10) Heptane	8.115	43	1839131	12.144	ppbv	99
11) Trichlorofluoromethane	3.948	101	1668113	8.966	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.481	101	1209489	9.831	ppbv	99
13) Ethanol	3.604	45	47503m	13.417	ppbv	
14) Bromoethene	3.739	108	557821	10.085	ppbv	99
15) Acetone	3.845	43	1281021	10.510	ppbv	97
16) 1,3-Butadiene	3.327	39	703717	10.740	ppbv	100
17) tert-Butyl alcohol	4.279	59	1176542	12.444	ppbv	98
18) 1,1-Dichloroethene	4.288	96	552147	10.004	ppbv	93
19) Isopropyl Alcohol	3.954	45	638764m	11.173	ppbv	
20) Methylene Chloride	4.343	84	454818	8.854	ppbv	95
21) Allyl Chloride	4.411	41	821004	9.985	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	544854	10.260	ppbv	95
23) Vinyl Acetate	5.070	43	889024	8.815	ppbv	98
24) 1,1-Dichloroethane	5.009	63	1136302	8.223	ppbv	100
25) Ethyl Acetate	5.668	43	3385148	12.322	ppbv	98
26) Hexane	5.684	57	1365136	11.307	ppbv	91
27) Carbon Disulfide	4.549	76	1297281	10.368	ppbv	98
28) Methyl tert-Butyl Ether	5.031	73	1180732	8.859	ppbv	98
29) Chloroform	5.748	83	2070139	10.190	ppbv	99
30) Cyclohexane	7.128	84	1202528	11.857	ppbv	95
31) cis-1,2-Dichloroethene	5.546	61	1293911	10.511	ppbv	88
32) 1,1,1-Trichloroethane	6.507	97	2068706	10.406	ppbv	97
34) 2-Butanone	5.237	43	1817291	9.721	ppbv	96
35) Carbon Tetrachloride	7.012	117	2108752	8.396	ppbv	99
36) Benzene	6.886	78	2921738	10.459	ppbv	97
37) 1,2-Dichloroethane	6.301	62	1420303	7.725	ppbv #	94
38) Trichloroethene	7.828	130	1231151	9.595	ppbv	95
39) 1,2-Dichloropropane	7.610	63	1132835	10.195	ppbv	90
40) 1,4-Dioxane	7.822	88	405641	11.089	ppbv #	1
41) Tetrahydrofuran	6.041	42	1187848	10.565	ppbv	99
42) Bromodichloromethane	7.787	83	2304190	9.031	ppbv	98
43) Methyl Methacrylate	8.005	69	1239226	11.388	ppbv	94
44) 2,2,4-Trimethylpentane	7.864	57	4772477	9.766	ppbv	97
45) t-1,3-Dichloropropene	9.269	75	946302	8.350	ppbv	97

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Manual Integrations
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Quant Time: Jun 07 06:31:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

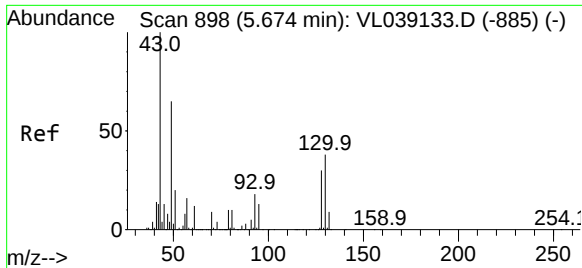
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

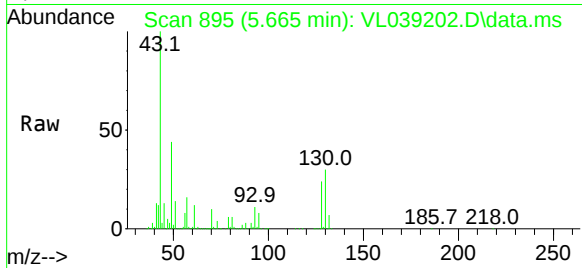
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	1339942	8.950	ppbv	95
47) 1,1,2-Trichloroethane	9.465	97	1237090	10.671	ppbv	99
48) Dibromochloromethane	10.295	129	2012537	9.723	ppbv	99
49) Bromoform	13.031	173	1701912	9.866	ppbv	99
50) 4-Methyl-2-Pentanone	8.732	43	2909077	10.396	ppbv	97
51) 2-Hexanone	10.124	43	2246007	10.315	ppbv #	98
52) Tetrachloroethene	11.214	164	1117977	10.250	ppbv	99
53) Toluene	9.799	91	3490479	10.851	ppbv	99
54) 1,2-Dibromoethane	10.600	107	1731868	11.118	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.118	131	1525769	9.420	ppbv	94
57) Chlorobenzene	12.140	112	2552780	9.911	ppbv	93
58) Ethyl Benzene	12.703	91	4682115	9.930	ppbv	98
59) m/p-Xylene	12.986	91	7625650m	18.366	ppbv	
60) o-Xylene	13.680	91	3648163	9.350	ppbv	97
61) Styrene	13.520	104	2254281	10.790	ppbv	93
62) Isopropylbenzene	14.658	105	5714405	9.854	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.667	83	2467799	11.269	ppbv	99
64) n-propylbenzene	15.552	120	1542652	10.822	ppbv	87
65) tert-Butylbenzene	16.732	119	5019694	9.466	ppbv	94
66) Benzyl Chloride	16.979	91	375260	5.443	ppbv	99
67) sec-Butylbenzene	17.281	105	7158742	9.894	ppbv	98
69) p-Isopropyltoluene	17.642	119	5992430	9.817	ppbv	97
70) n-Butylbenzene	18.539	91	6153596	9.821	ppbv	98
71) 2-Chlorotoluene	15.442	91	4316871	9.762	ppbv	97
72) 4-Ethyltoluene	15.828	105	4613905	10.090	ppbv	98
73) 1,3,5-Trimethylbenzene	15.986	105	4061050	9.846	ppbv	98
74) 1,2,4-Trimethylbenzene	16.751	105	4284547	9.309	ppbv	93
75) 1,3-Dichlorobenzene	16.986	146	2617122	10.046	ppbv	98
76) 1,4-Dichlorobenzene	17.124	146	2513025	9.668	ppbv	98
77) 1,2-Dichlorobenzene	17.806	146	2572085	9.796	ppbv	98
78) Hexachloro-1,3-Butadiene	23.362	225	1991942	8.296	ppbv	99
79) Naphthalene	22.178	128	3889076	10.976	ppbv	99
80) Naphthalene,2-methyl-	24.960	142	996389	7.569	ppbv	95
81) 1,2,4-Trichlorobenzene	21.908	180	2147665	9.568	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

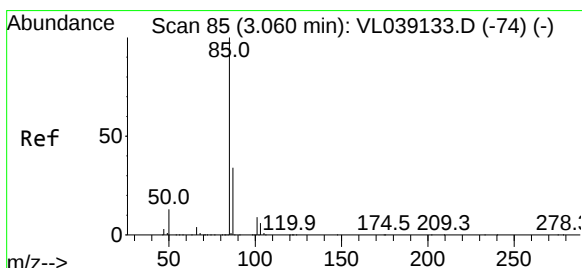
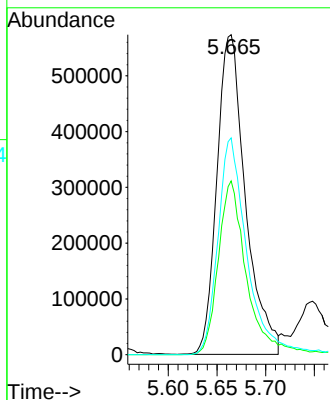
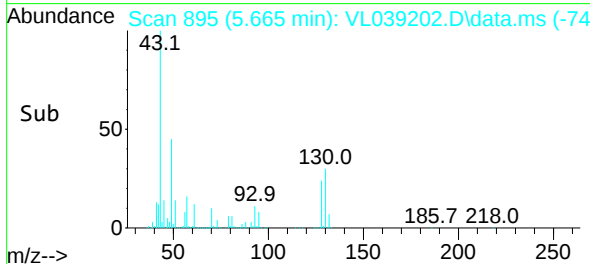
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



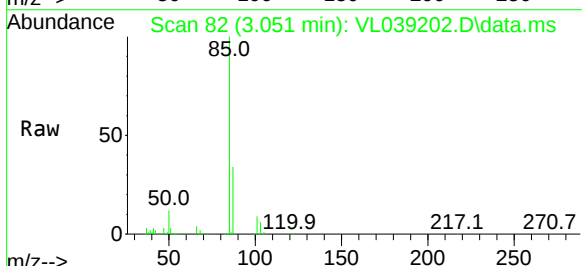
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Ion Ratio Lower Upper
49 100
128 54.9 24.7 74.1
130 70.8 31.4 94.0

Manual Integrations
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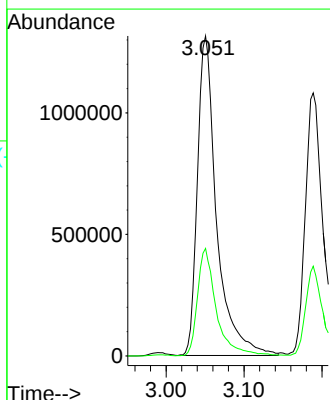
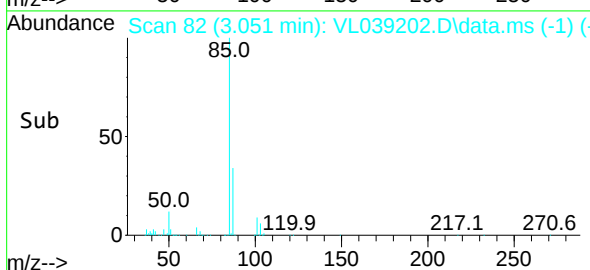
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

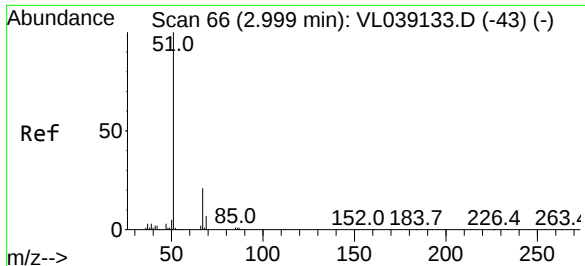


#2
Dichlorodifluoromethane
Concen: 10.940 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



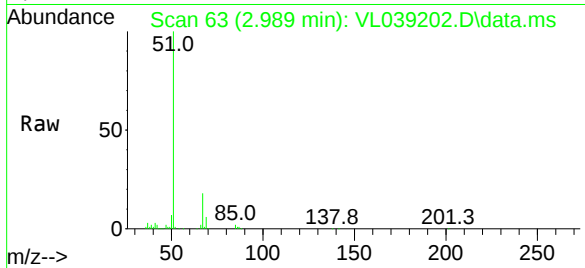
Tgt Ion: 85 Resp: 2248469
Ion Ratio Lower Upper
85 100
87 33.6 26.9 40.3





#3
Chlorodifluoromethane
Concen: 10.073 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

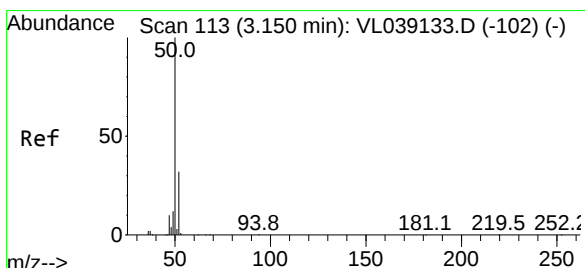
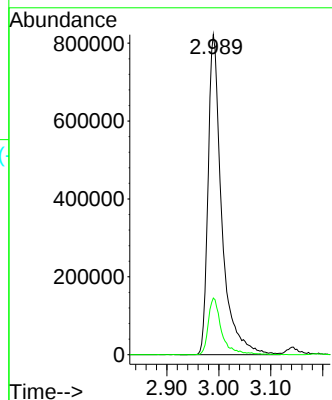
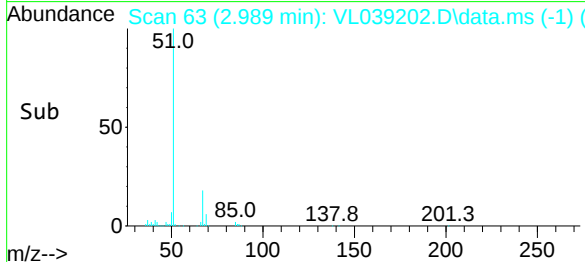
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 149975
Ion Ratio Lower Upper
51 100
67 17.4 16.2 24.4

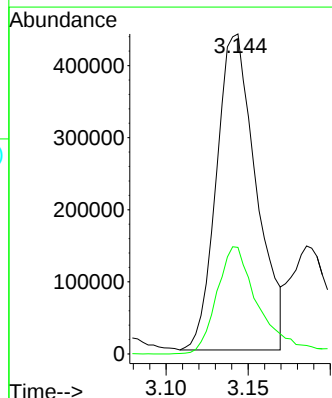
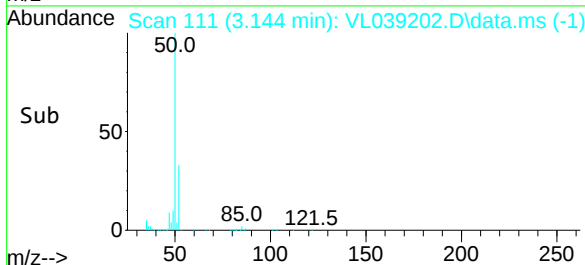
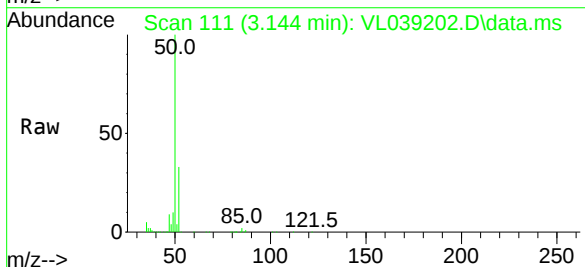
Manual Integrations
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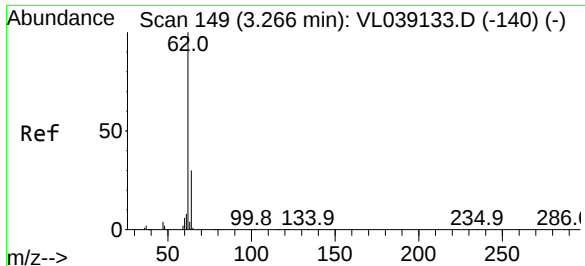
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Chloromethane
Concen: 9.669 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

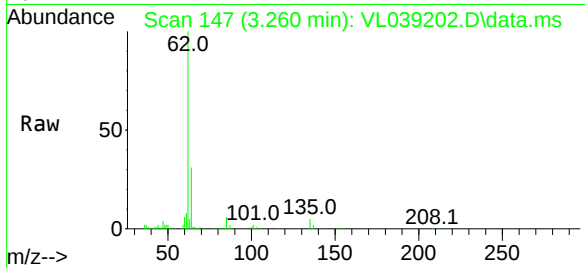
Tgt Ion: 50 Resp: 739425
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.355 ppbv
 RT: 3.260 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

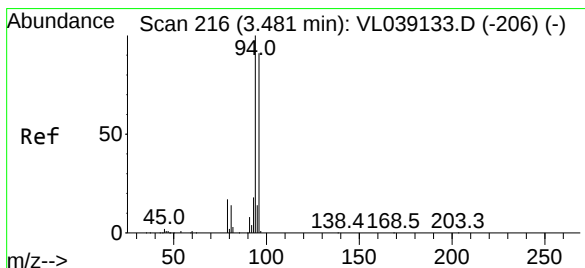
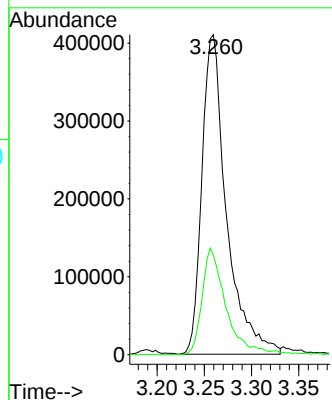
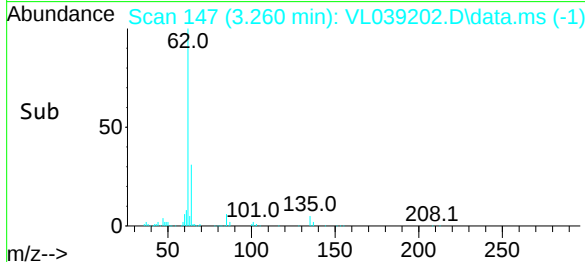
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 740318
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.2 36.2

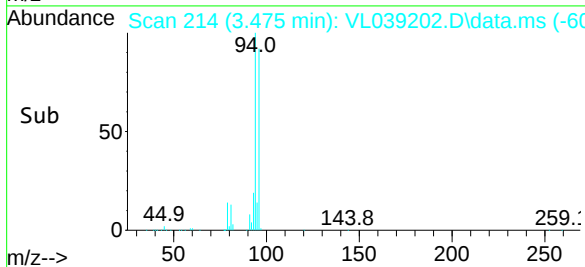
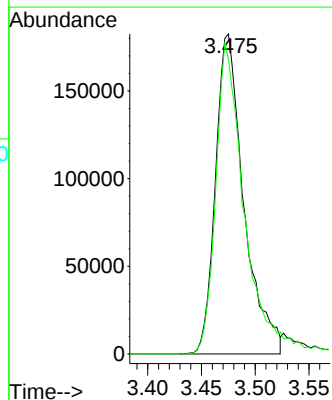
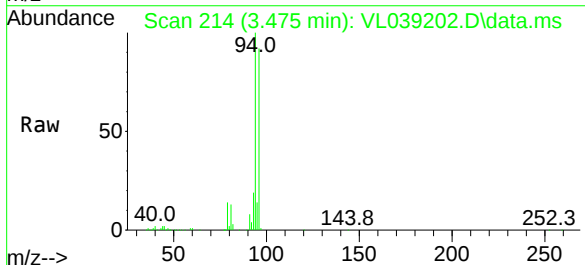
Manual Integrations
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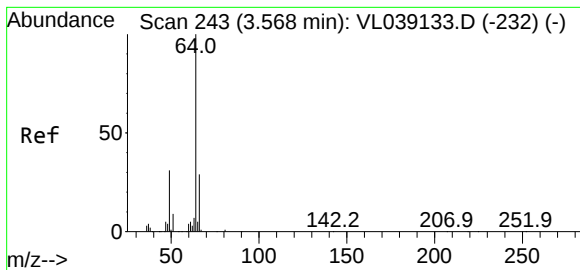
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#6
 Bromomethane
 Concen: 9.511 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

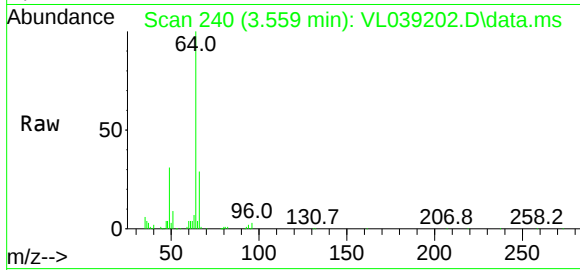
Tgt Ion: 94 Resp: 334505
 Ion Ratio Lower Upper
 94 100
 96 92.4 73.0 109.4





#7
Chloroethane
Concen: 10.048 ppbv
RT: 3.559 min Scan# 243
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

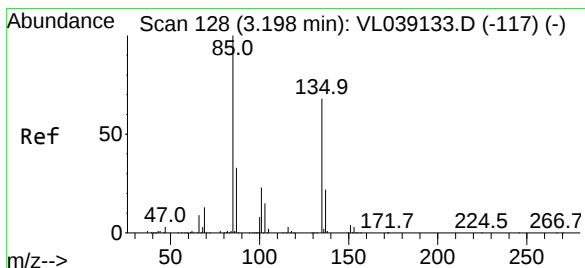
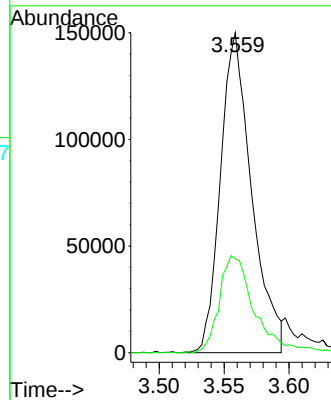
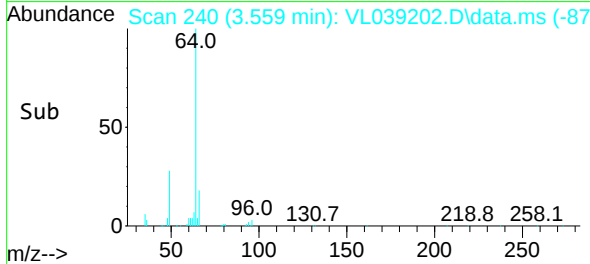
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 250315
Ion Ratio Lower Upper
64 100
66 29.3 23.6 35.4

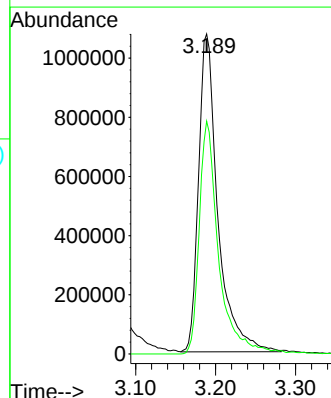
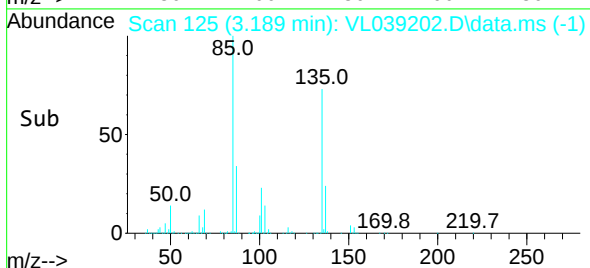
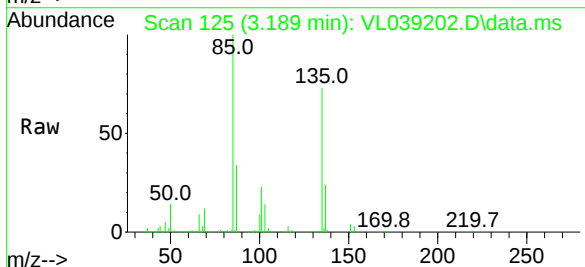
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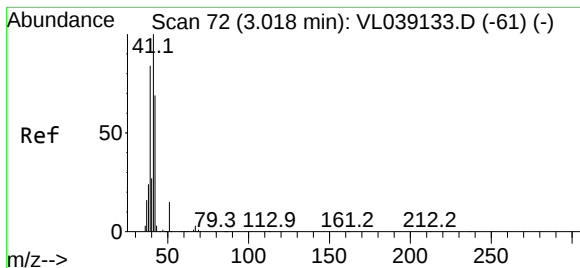
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#8
Dichlorotetrafluoroethane
Concen: 9.643 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

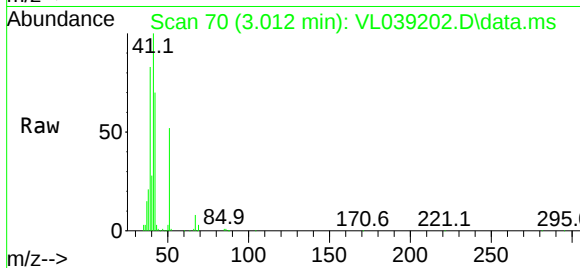
Tgt Ion: 85 Resp: 1811301
Ion Ratio Lower Upper
85 100
135 74.1 55.0 82.4





#9
 Propene
 Concen: 11.526 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

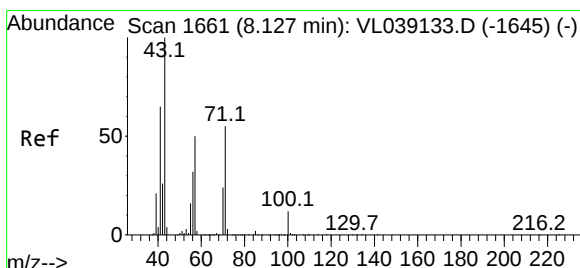
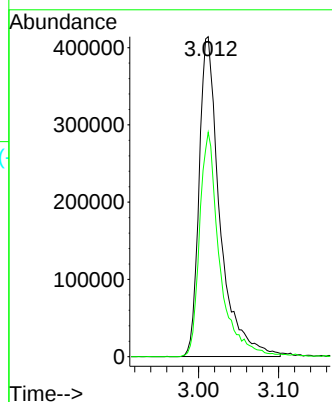
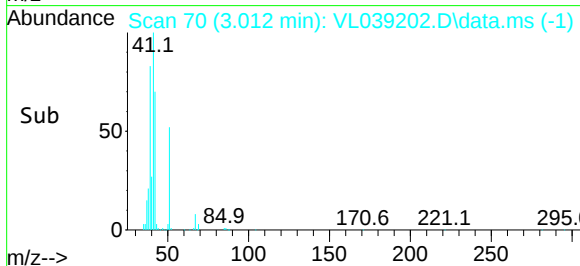
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



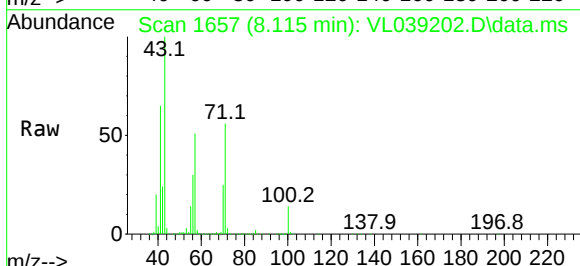
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 Ion Ratio Lower Upper
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 42 68.4 55.4 83.2

Manual Integrations
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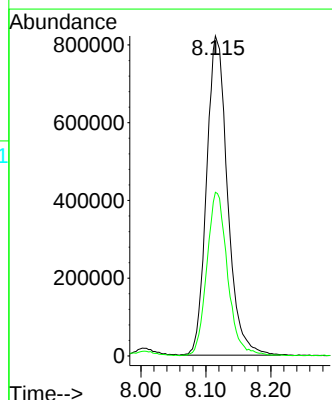
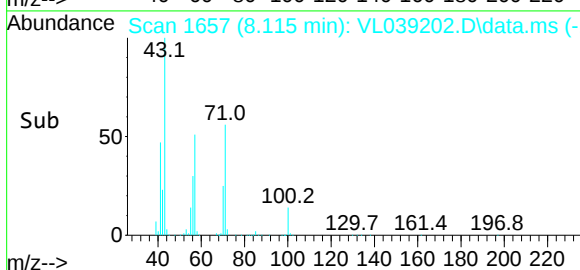
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

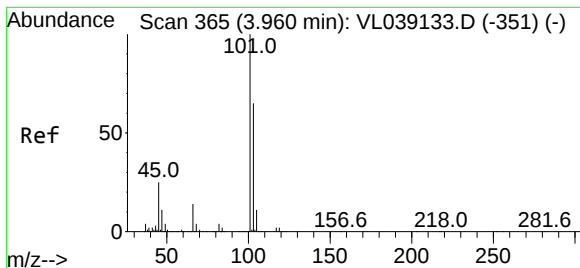


#10
 Heptane
 Concen: 12.144 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. -0.013 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18



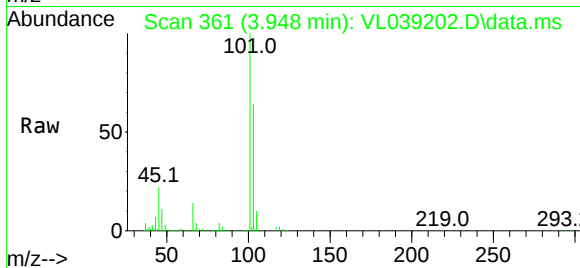
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 Ion Ratio Lower Upper
 43 100
 57 50.9 41.4 62.2





#11
Trichlorofluoromethane
Concen: 8.966 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

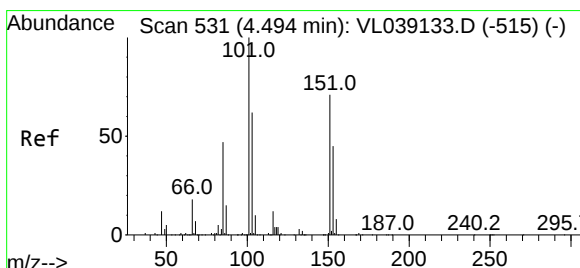
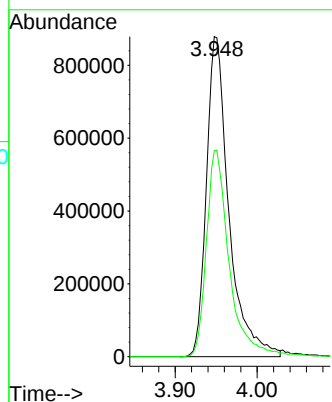
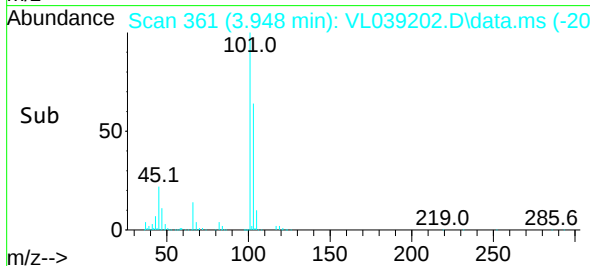
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



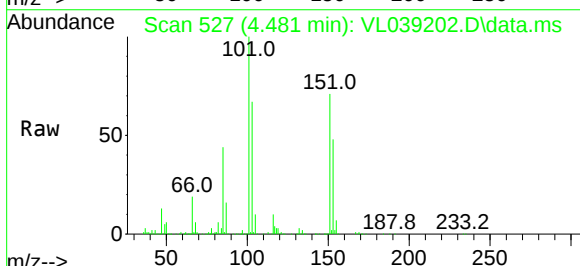
Tgt Ion:101 Resp: 166811
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

Manual Integrations
APPROVED

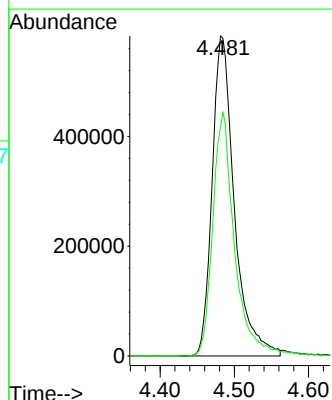
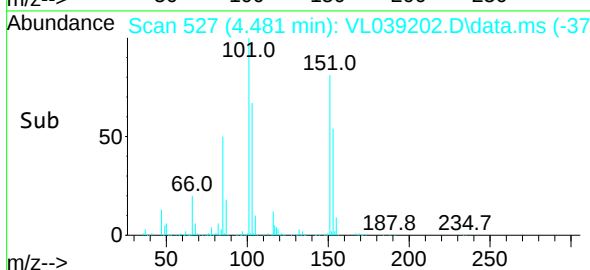
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

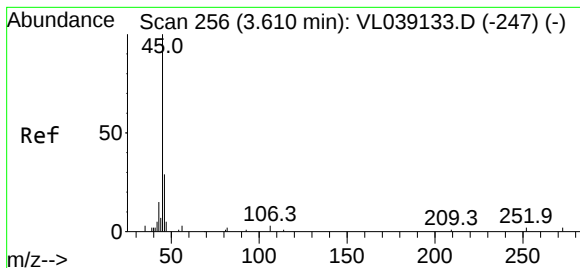


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.831 ppbv
RT: 4.481 min Scan# 527
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



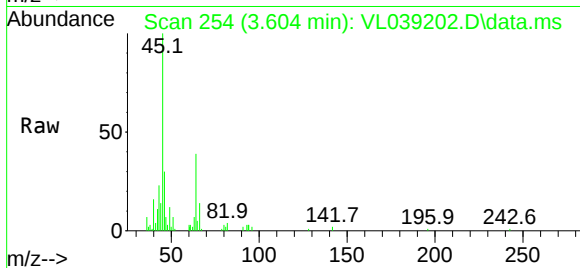
Tgt Ion:101 Resp: 1209489
Ion Ratio Lower Upper
101 100
151 75.2 59.4 89.0





#13
Ethanol
Concen: 13.417 ppbv m
RT: 3.604 min Scan# 210
Delta R.T. -0.006 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

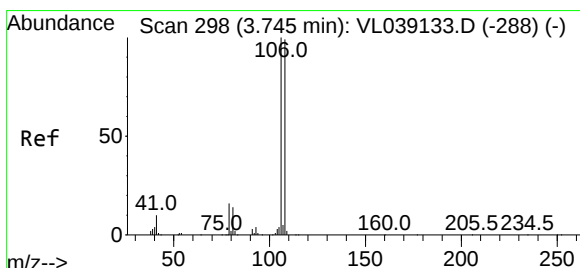
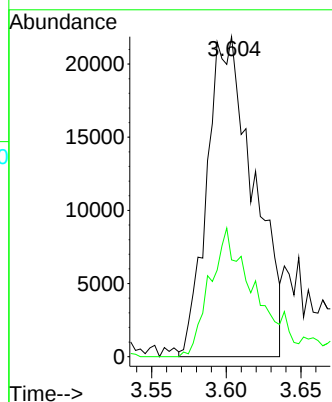
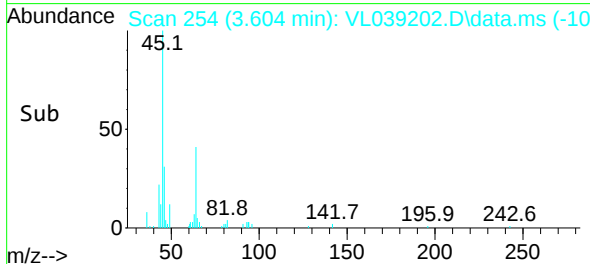
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



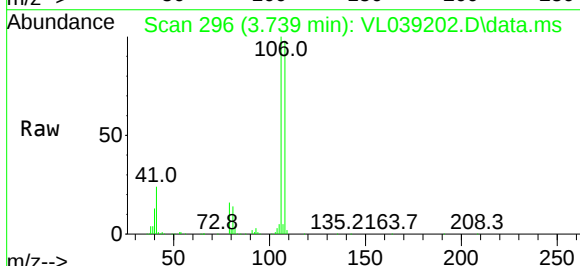
Tgt Ion: 45 Resp: 4750
Ion Ratio Lower Upper
45 100
46 44.7 0.0 0.0

Manual Integrations
APPROVED

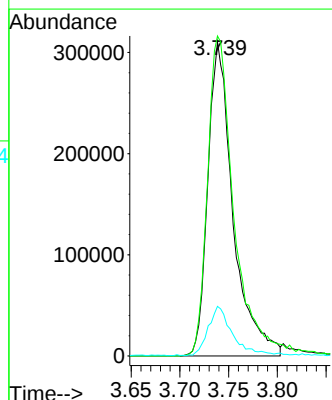
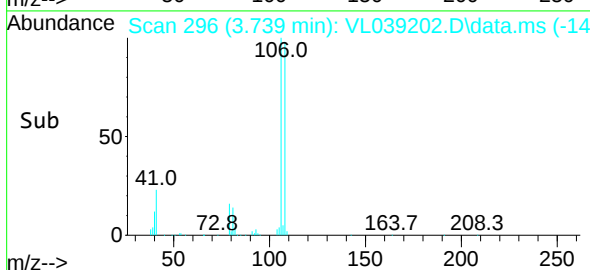
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

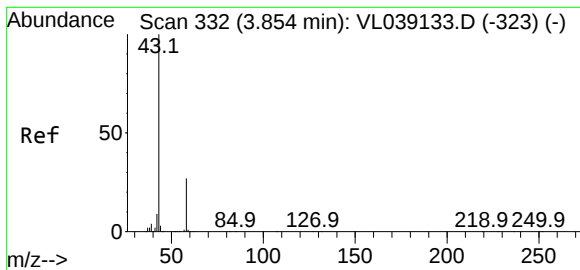


#14
Bromoethene
Concen: 10.085 ppbv
RT: 3.739 min Scan# 296
Delta R.T. -0.006 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



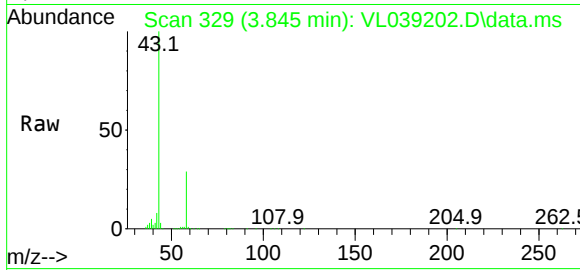
Tgt Ion:108 Resp: 557821
Ion Ratio Lower Upper
108 100
106 109.3 88.4 132.6
79 15.7 13.4 20.2





#15
Acetone
Concen: 10.510 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

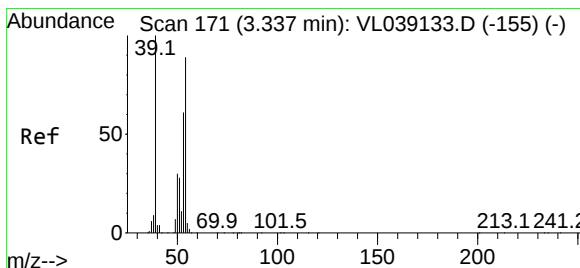
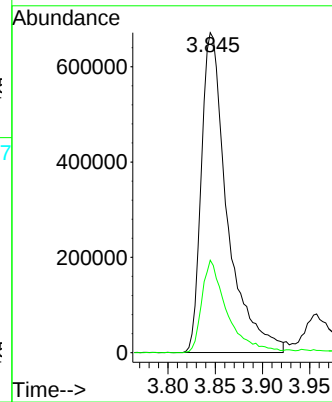
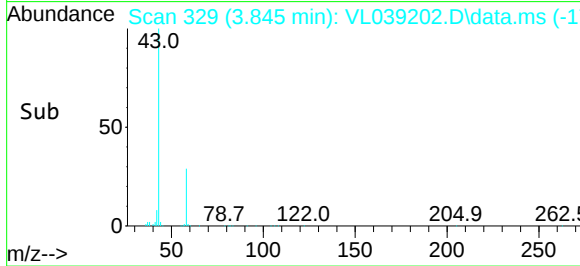
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 128102
Ion Ratio Lower Upper
43 100
58 29.5 22.5 33.7

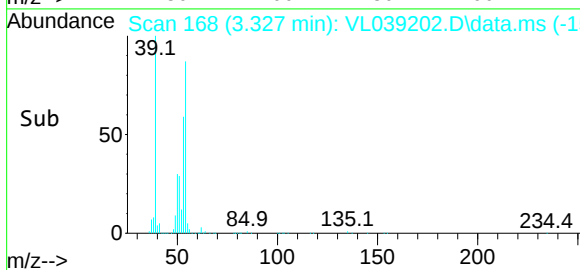
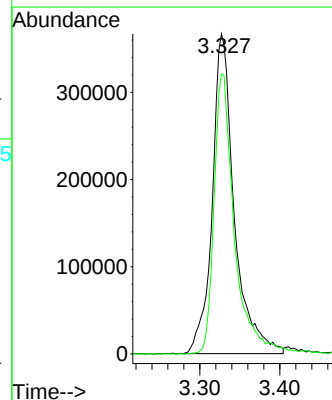
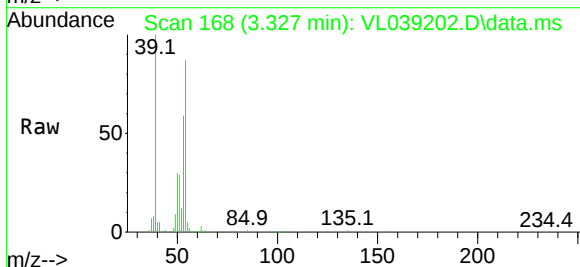
Manual Integrations
APPROVED

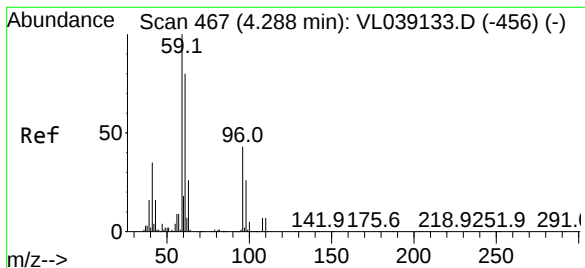
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#16
1,3-Butadiene
Concen: 10.740 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Tgt Ion: 39 Resp: 703717
Ion Ratio Lower Upper
39 100
54 81.8 65.8 98.6





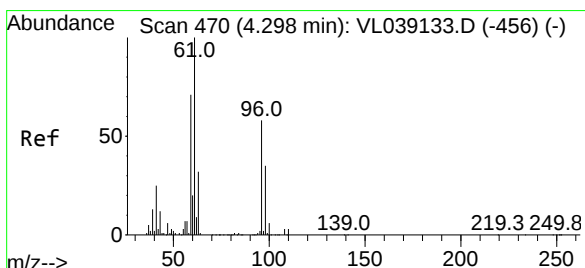
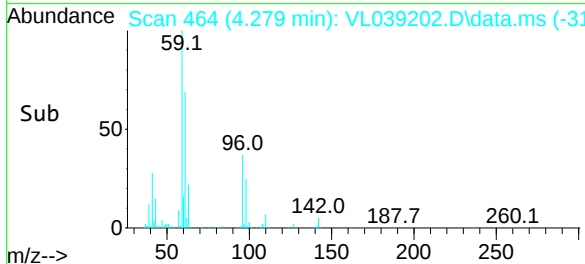
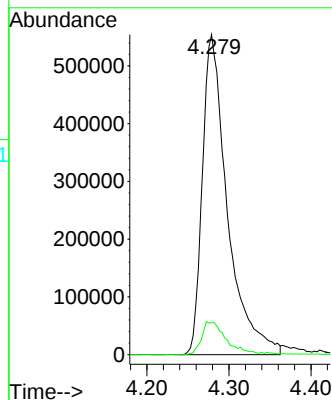
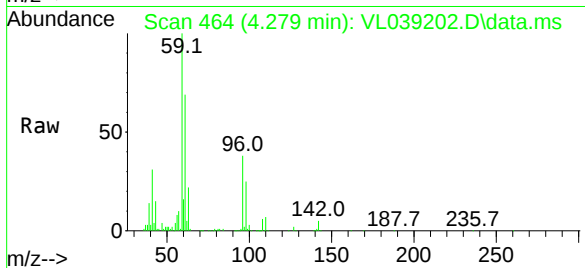
#17
tert-Butyl alcohol
Concen: 12.444 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 117654
Ion Ratio Lower Upper
59 100
57 10.6 9.1 13.7

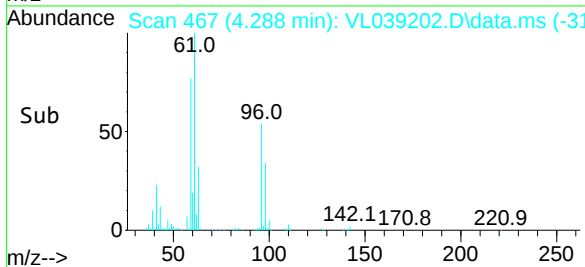
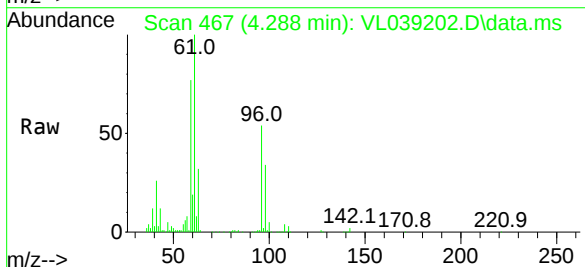
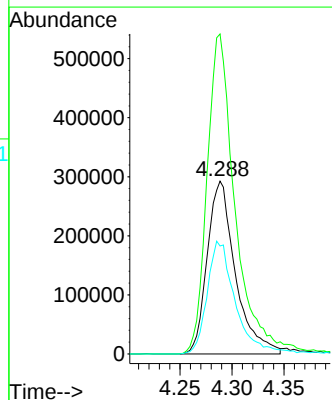
Manual Integrations
APPROVED

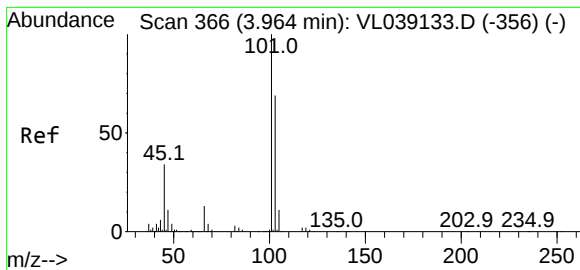
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#18
1,1-Dichloroethene
Concen: 10.004 ppbv
RT: 4.288 min Scan# 467
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

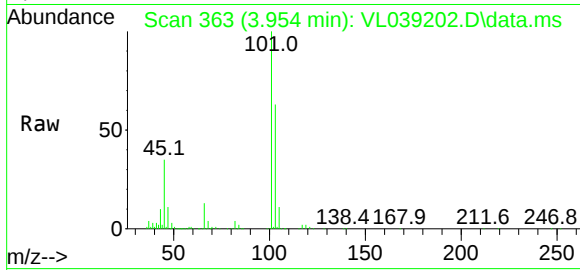
Tgt Ion: 96 Resp: 552147
Ion Ratio Lower Upper
96 100
61 185.0 138.4 207.6
98 62.5 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.173 ppbv m
RT: 3.954 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

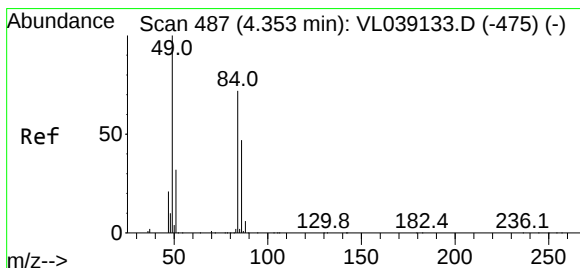
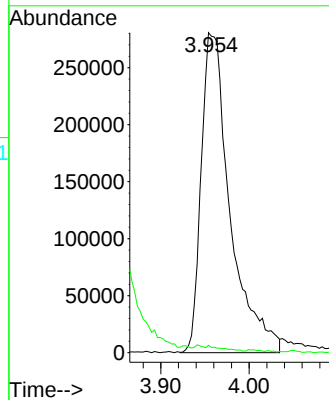
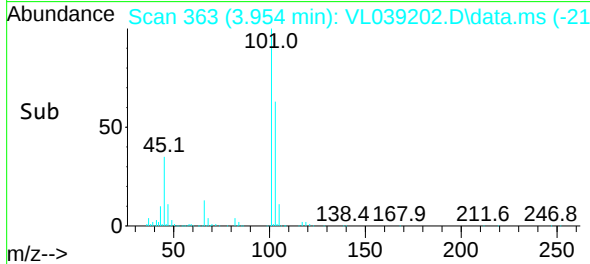
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 638764
Ion Ratio Lower Upper
45 100
58 2.3 1.8 2.8

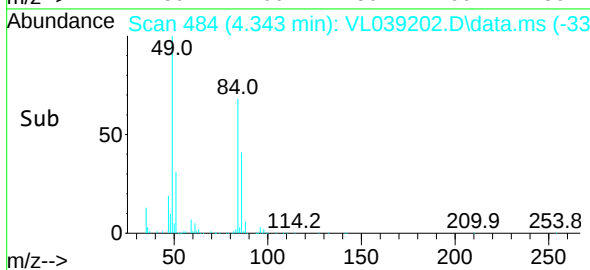
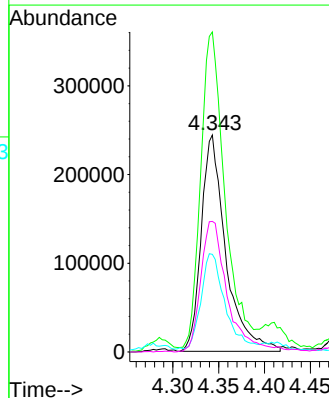
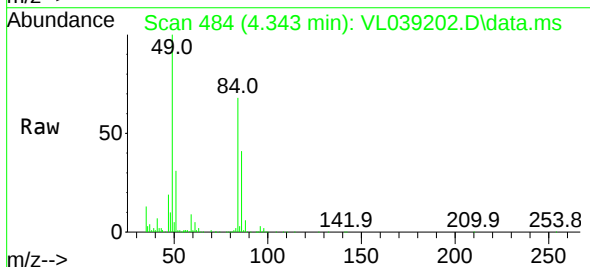
Manual Integrations
APPROVED

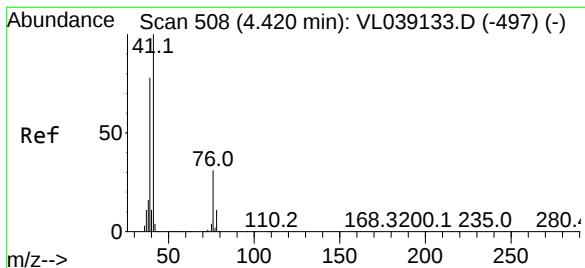
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#20
Methylene Chloride
Concen: 8.854 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

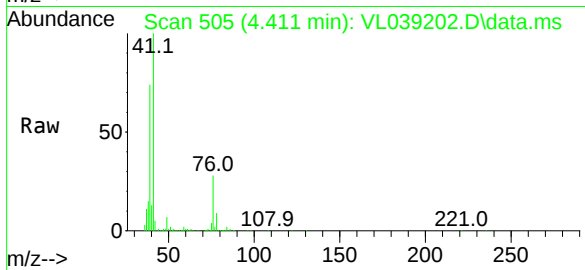
Tgt Ion: 84 Resp: 454818
Ion Ratio Lower Upper
84 100
49 145.9 111.1 166.7
51 43.3 35.3 52.9
86 60.0 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.985 ppbv
 RT: 4.411 min Scan# 508
 Delta R.T. -0.010 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

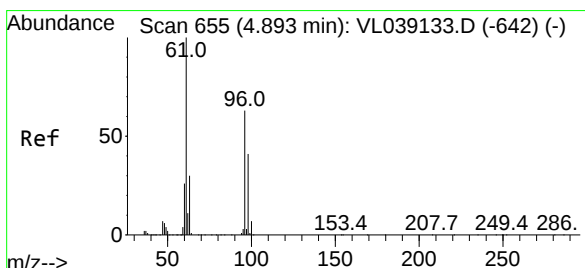
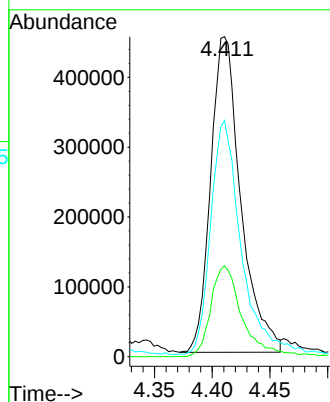
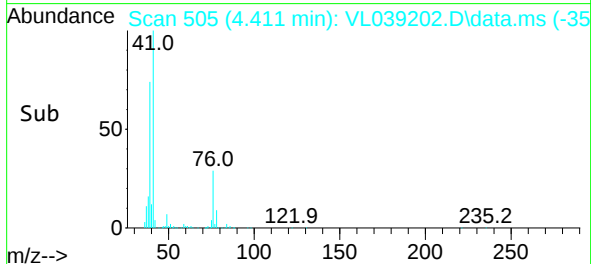
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 821004
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.2 36.2
 39 76.9 62.2 93.2

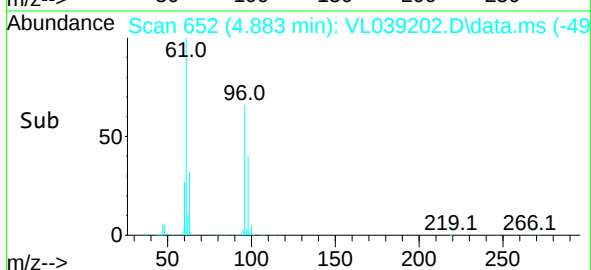
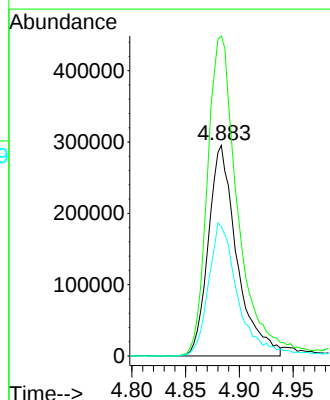
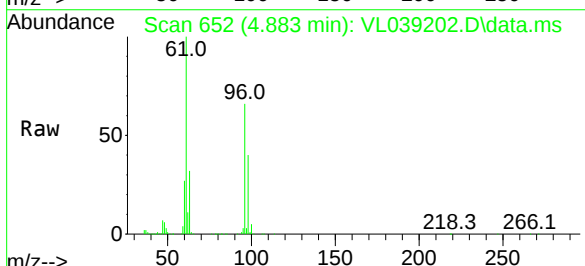
Manual Integrations
 APPROVED

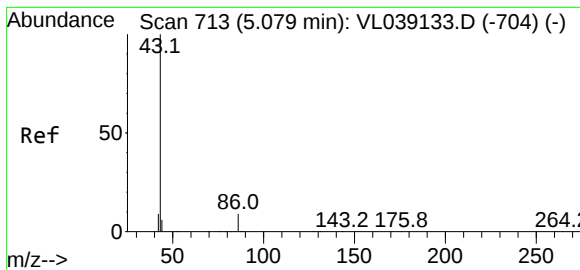
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.260 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.010 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

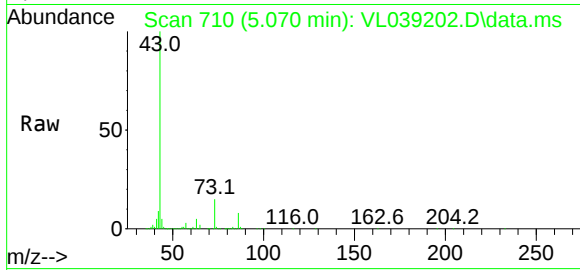
Tgt Ion: 96 Resp: 544854
 Ion Ratio Lower Upper
 96 100
 61 151.7 126.6 190.0
 98 61.3 52.5 78.7





#23
 Vinyl Acetate
 Concen: 8.815 ppbv
 RT: 5.070 min Scan# 713
 Delta R.T. -0.010 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

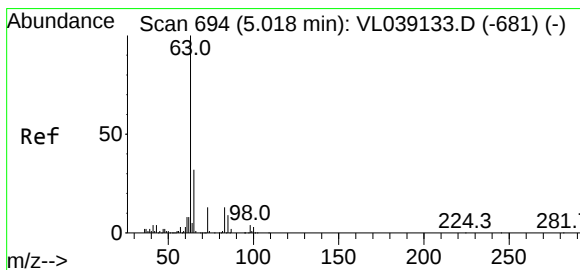
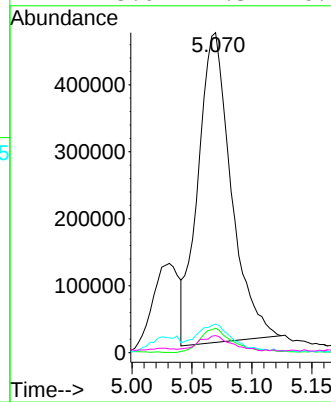
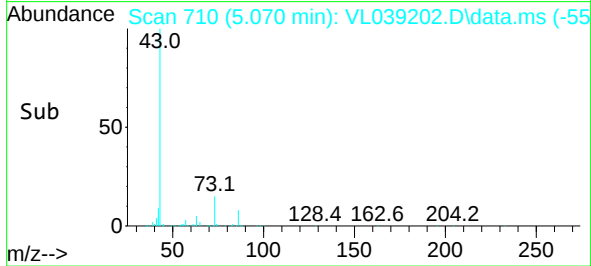
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



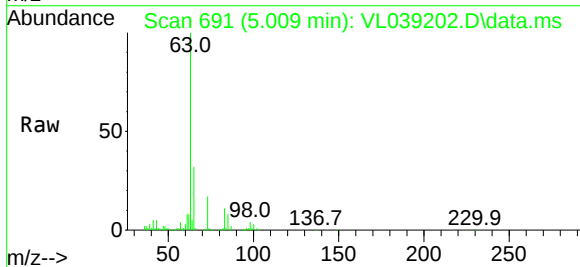
Tgt Ion: 43 Resp: 889024
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.0 9.0
 42 8.8 8.2 12.4
 44 5.0 4.3 6.5

Manual Integrations
 APPROVED

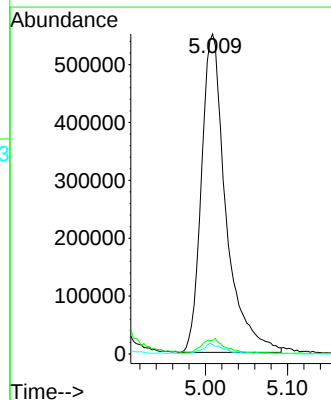
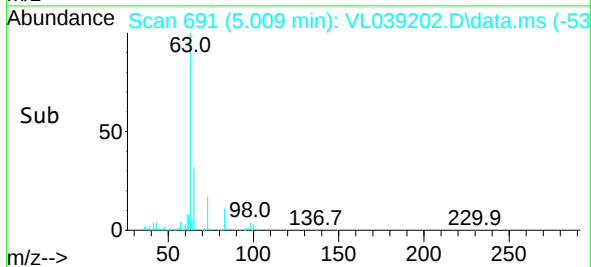
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

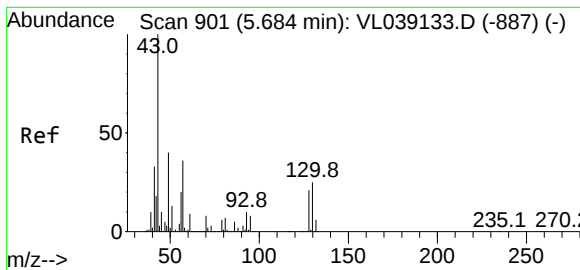


#24
 1,1-Dichloroethane
 Concen: 8.223 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.010 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18



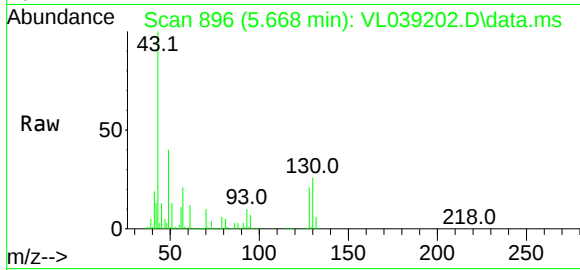
Tgt Ion: 63 Resp: 1136302
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 2.9 1.5 4.5





#25
Ethyl Acetate
Concen: 12.322 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

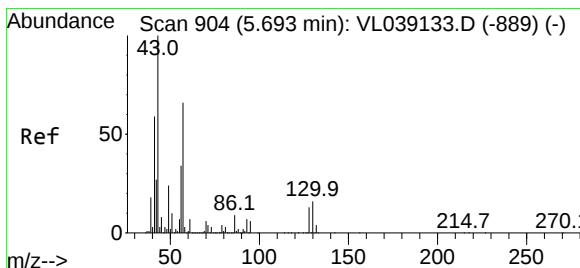
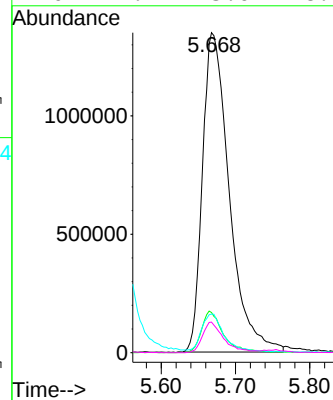
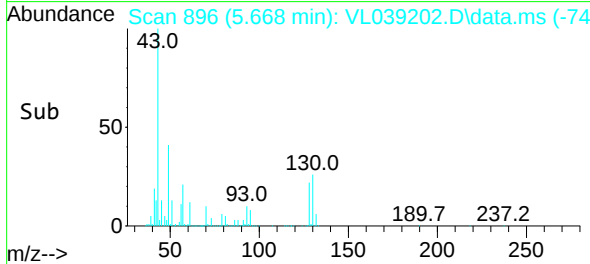


Tgt Ion: 43 Resp: 338514

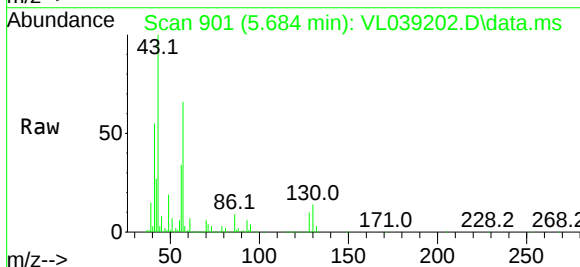
Ion	Ratio	Lower	Upper
43	100		
45	10.9	8.2	12.2
61	10.8	8.4	12.6
70	7.7	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

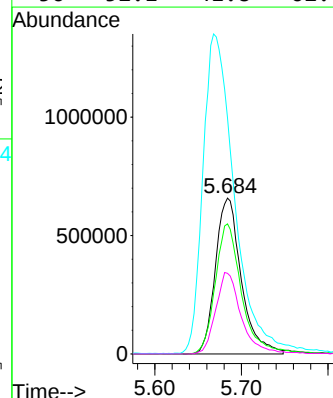
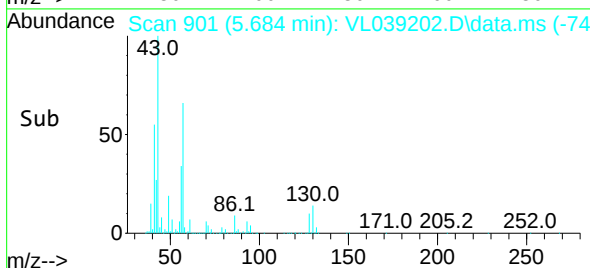


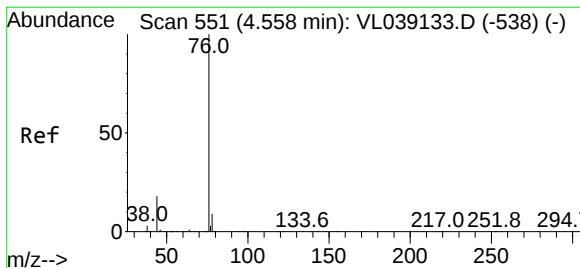
#26
Hexane
Concen: 11.307 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



Tgt Ion: 57 Resp: 1365136

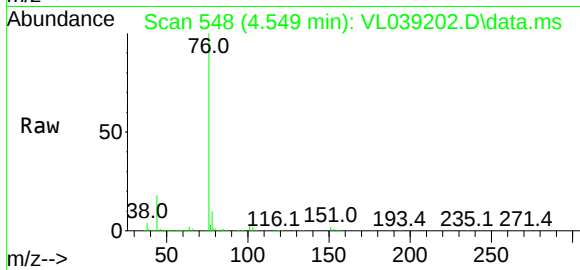
Ion	Ratio	Lower	Upper
57	100		
41	86.2	72.4	108.6
43	254.1	187.0	280.6
56	52.1	41.8	62.6





#27
Carbon Disulfide
Concen: 10.368 ppbv
RT: 4.549 min Scan# 54
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

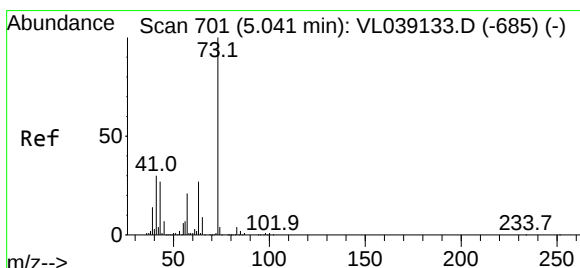
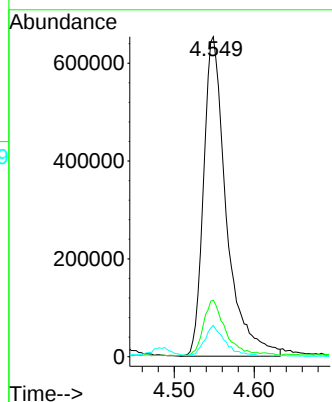
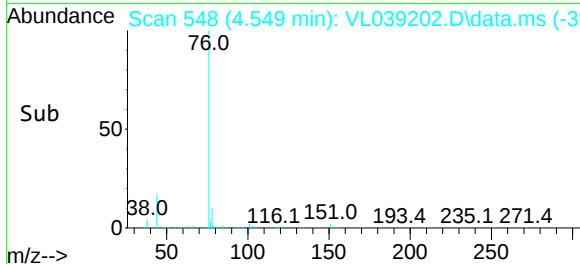
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 129728
Ion Ratio Lower Upper
76 100
44 16.7 14.4 21.6
78 9.4 7.7 11.5

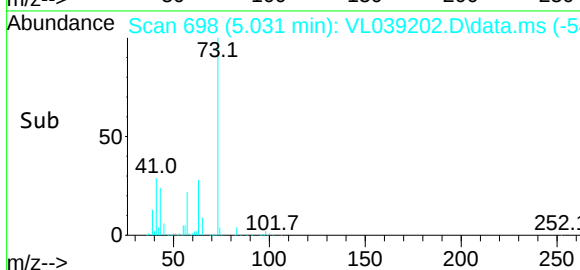
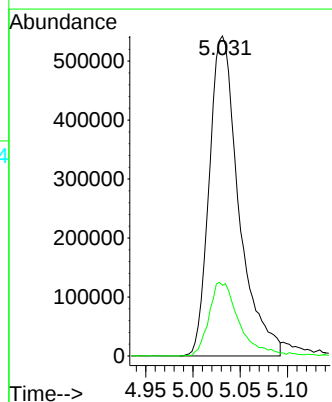
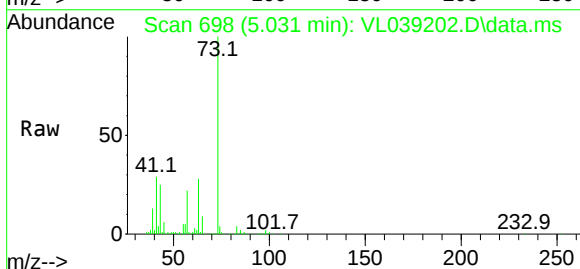
Manual Integrations
APPROVED

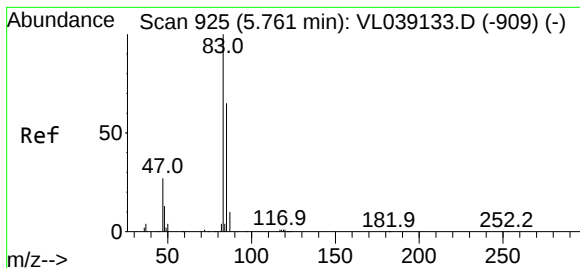
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#28
Methyl tert-Butyl Ether
Concen: 8.859 ppbv
RT: 5.031 min Scan# 698
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Tgt Ion: 73 Resp: 1180732
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8





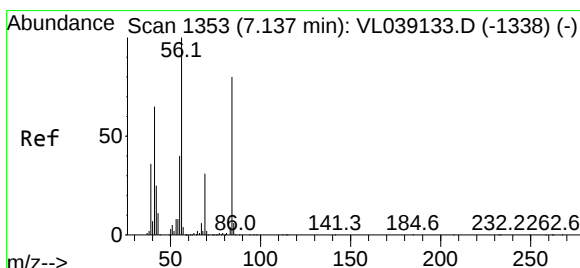
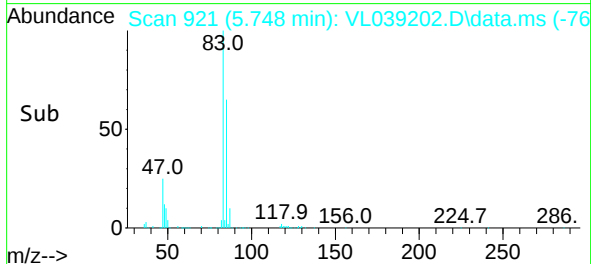
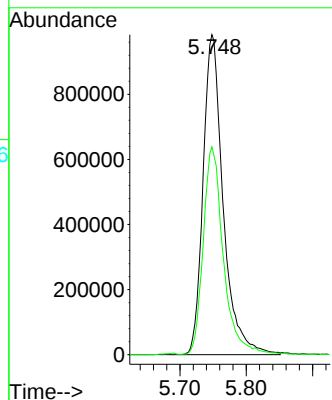
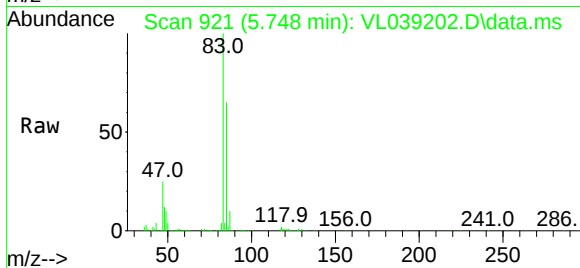
#29
Chloroform
Concen: 10.190 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2070139
Ion Ratio Lower Upper
83 100
85 64.8 52.4 78.6

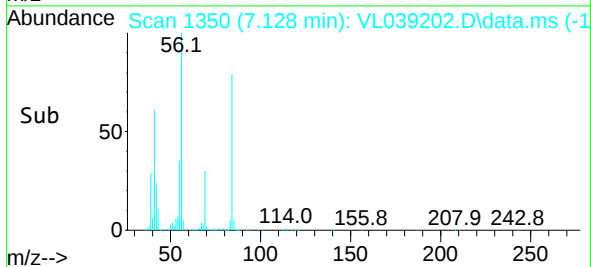
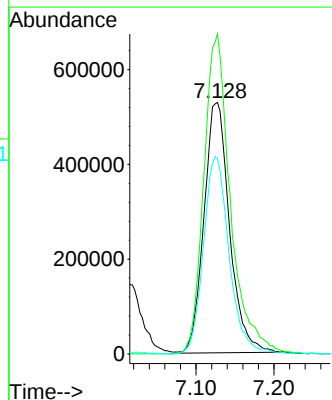
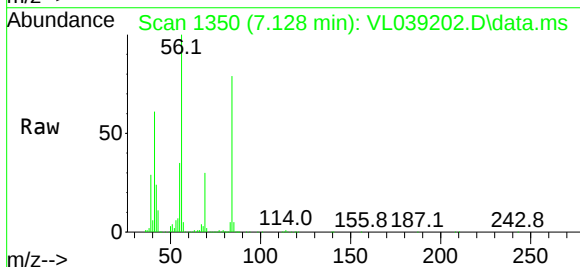
Manual Integrations
APPROVED

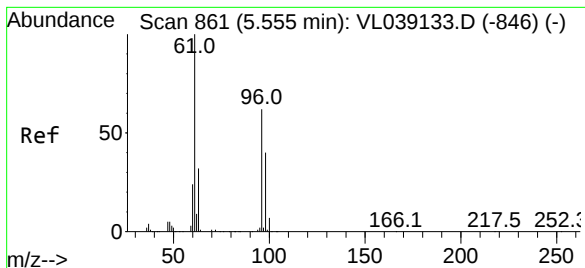
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
Cyclohexane
Concen: 11.857 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

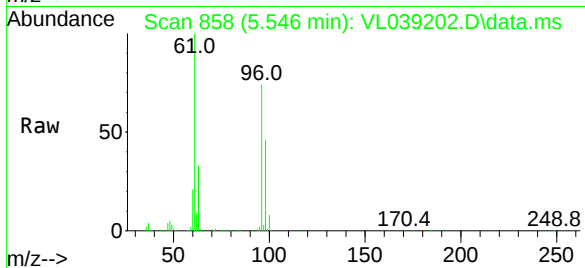
Tgt Ion: 84 Resp: 1202528
Ion Ratio Lower Upper
84 100
56 133.9 110.6 165.8
41 79.4 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.511 ppbv
RT: 5.546 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

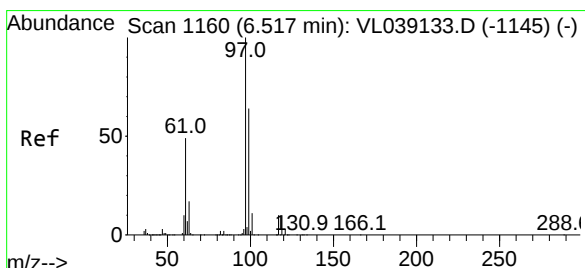
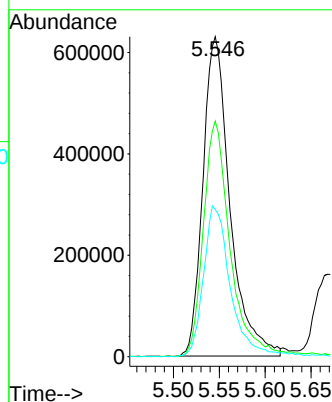
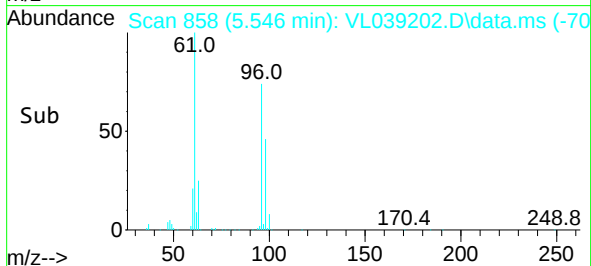
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



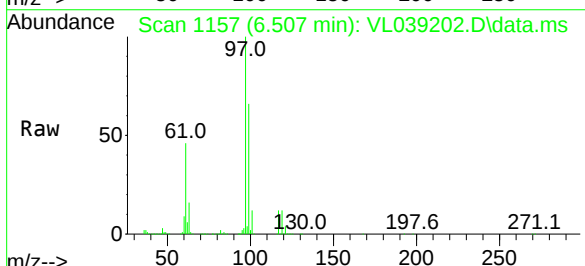
Tgt Ion: 61 Resp: 129391
Ion Ratio Lower Upper
61 100
96 73.5 49.9 74.9
98 45.7 32.0 48.0

Manual Integrations
APPROVED

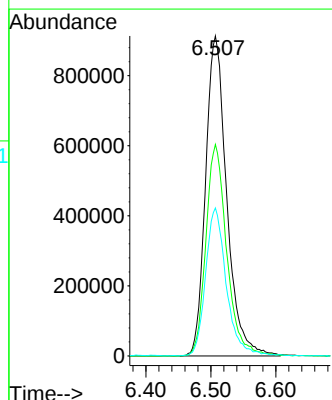
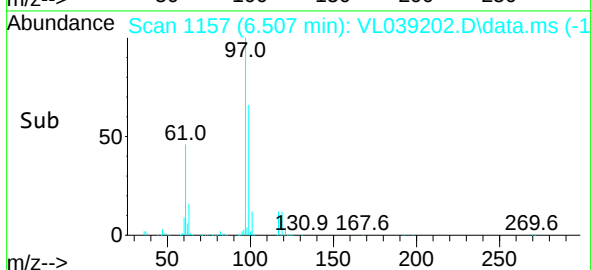
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

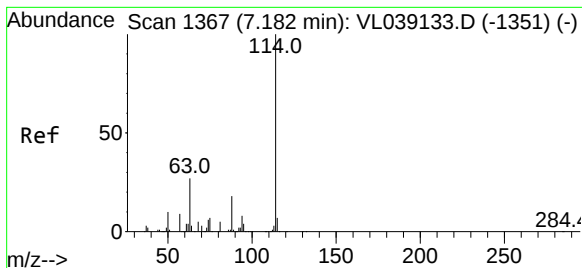


#32
1,1,1-Trichloroethane
Concen: 10.406 ppbv
RT: 6.507 min Scan# 1157
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



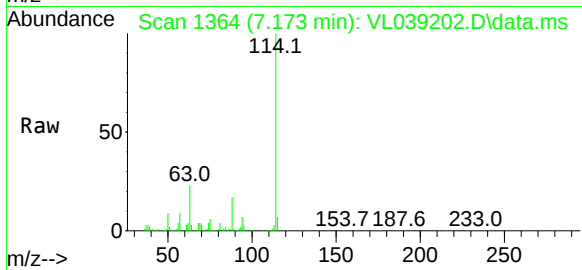
Tgt Ion: 97 Resp: 2068706
Ion Ratio Lower Upper
97 100
99 65.4 52.1 78.1
61 45.8 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

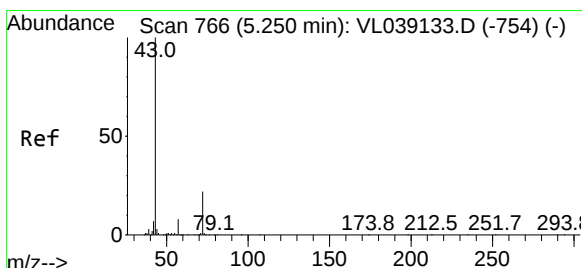
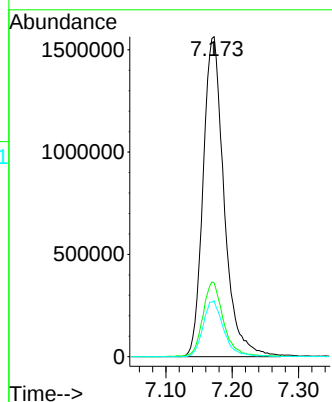
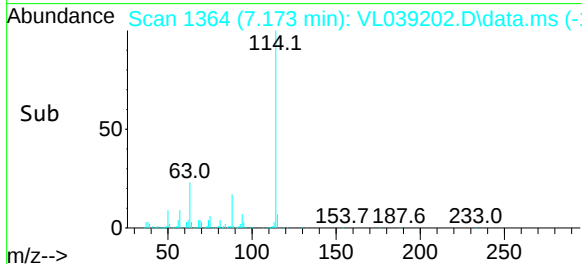
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



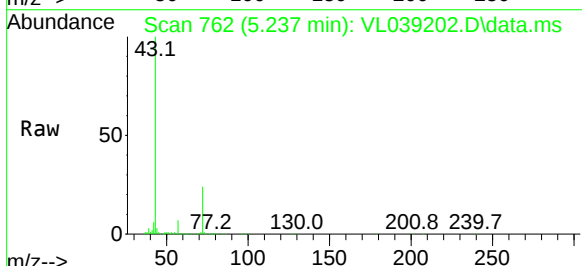
Tgt Ion:114 Resp: 3440960
Ion Ratio Lower Upper
114 100
63 23.2 21.7 32.5
88 17.2 14.8 22.2

Manual Integrations
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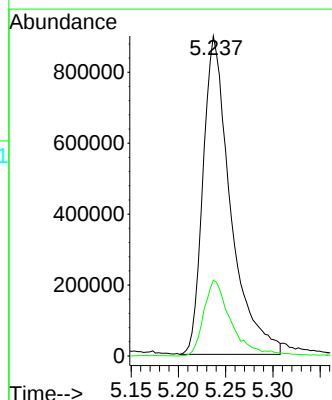
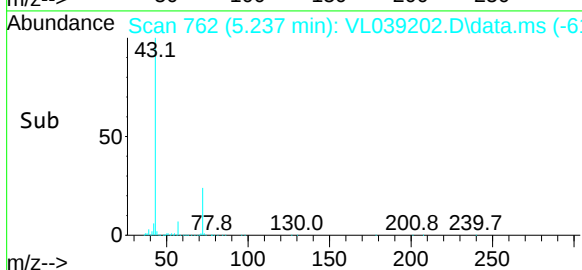
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

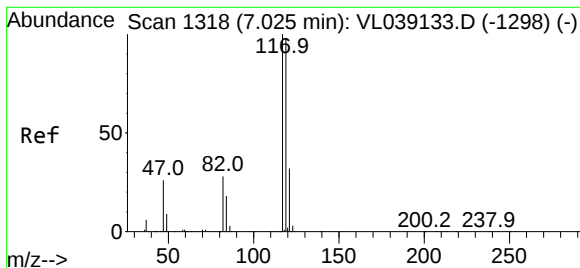


#34
2-Butanone
Concen: 9.721 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



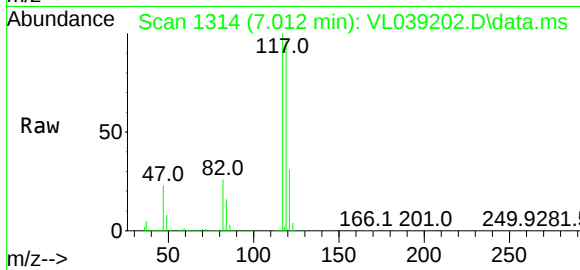
Tgt Ion: 43 Resp: 1817291
Ion Ratio Lower Upper
43 100
72 24.4 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.396 ppbv
RT: 7.012 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

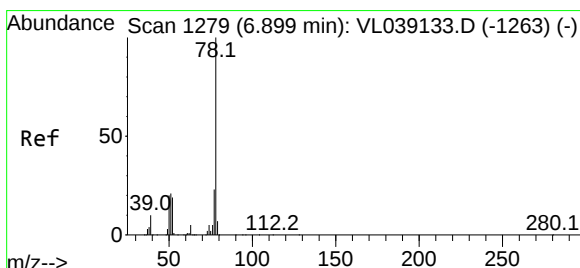
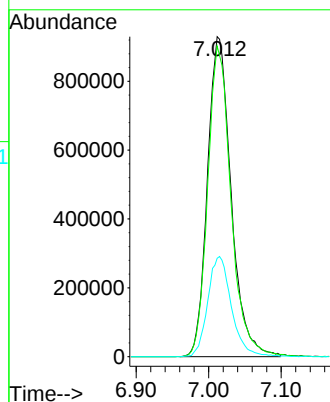
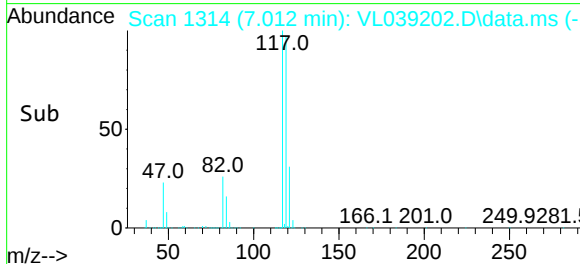
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 210875
Ion Ratio Lower Upper
117 100
119 97.0 78.6 118.0
121 30.7 25.4 38.0

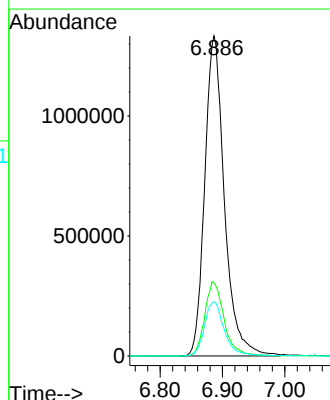
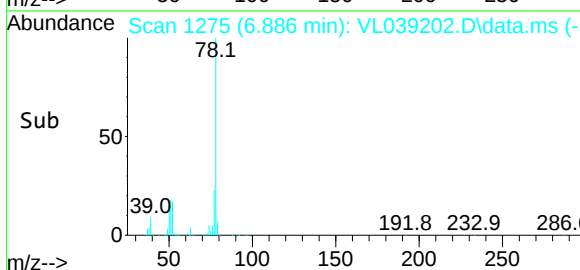
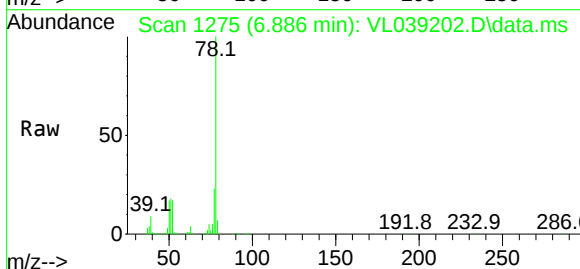
Manual Integrations
APPROVED

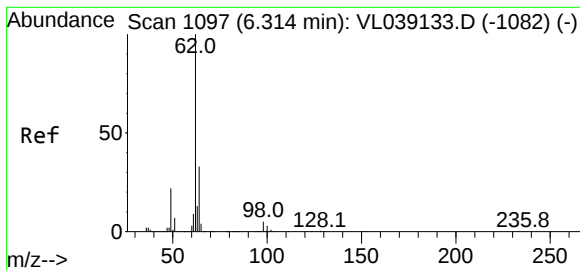
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#36
Benzene
Concen: 10.459 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

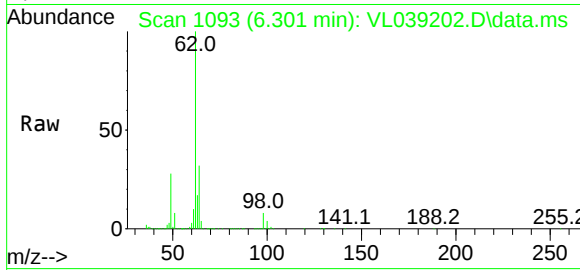
Tgt Ion: 78 Resp: 2921738
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8
50 16.9 15.8 23.8





#37
1,2-Dichloroethane
Concen: 7.725 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

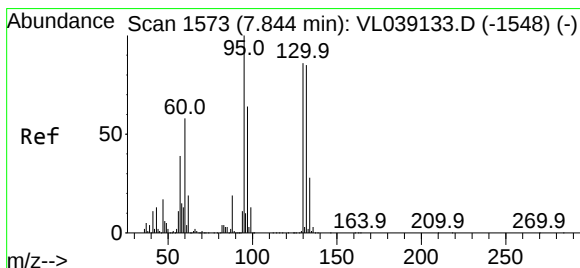
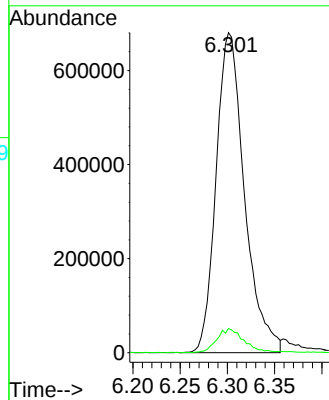
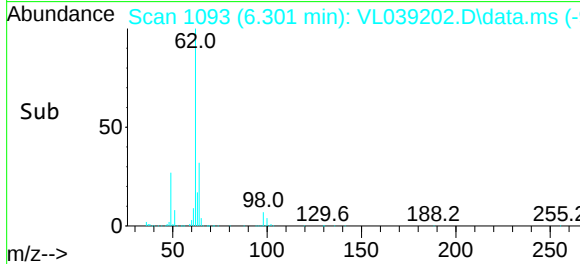
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 142030
Ion Ratio Lower Upper
62 100
98 7.5 4.3 6.5

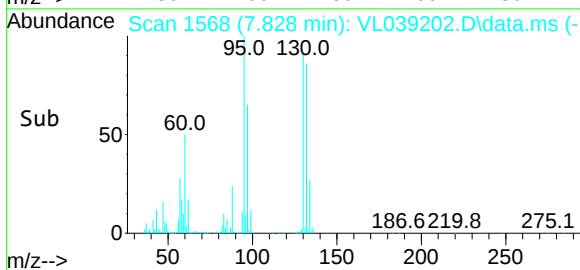
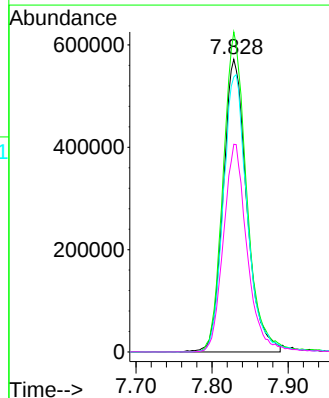
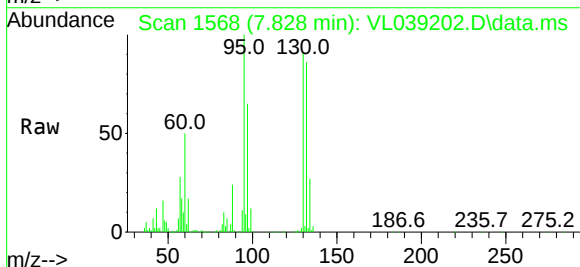
Manual Integrations
APPROVED

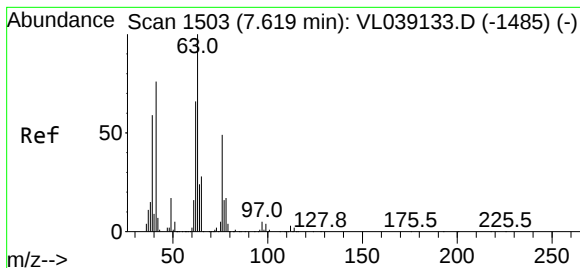
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#38
Trichloroethene
Concen: 9.595 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

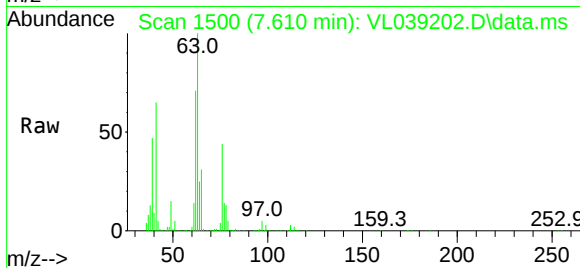
Tgt Ion:130 Resp: 1231151
Ion Ratio Lower Upper
130 100
95 109.3 93.3 139.9
132 94.0 79.0 118.4
97 71.0 59.4 89.2





#39
1,2-Dichloropropane
Concen: 10.195 ppbv
RT: 7.610 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

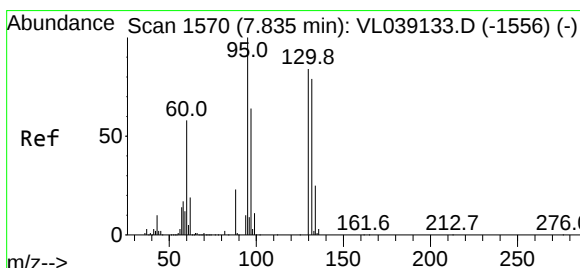
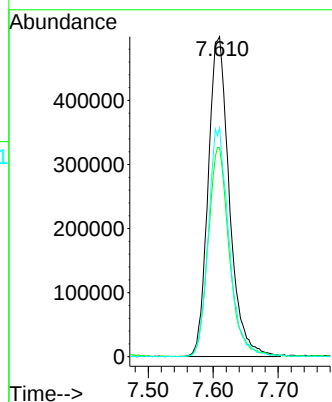
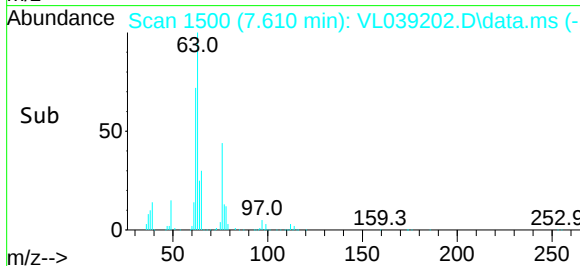
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



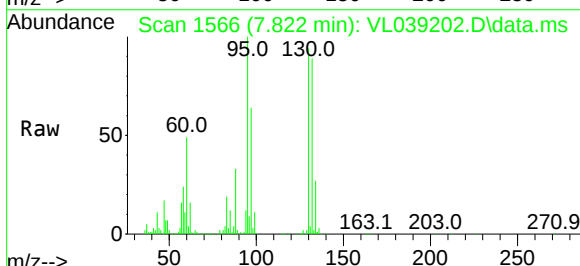
Tgt Ion: 63 Resp: 113283
Ion Ratio Lower Upper
63 100
41 65.1 60.8 91.2
62 71.4 52.9 79.3

Manual Integrations
APPROVED

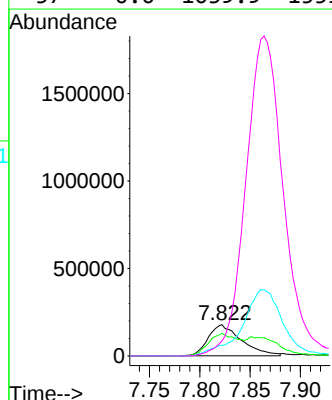
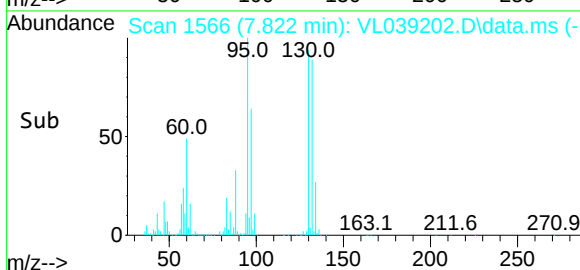
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

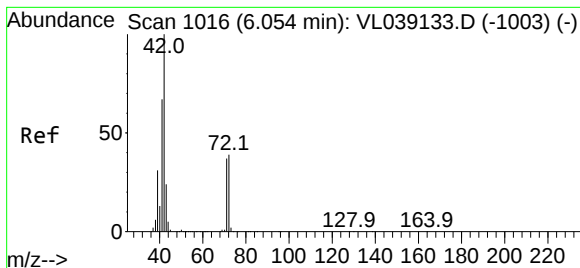


#40
1,4-Dioxane
Concen: 11.089 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



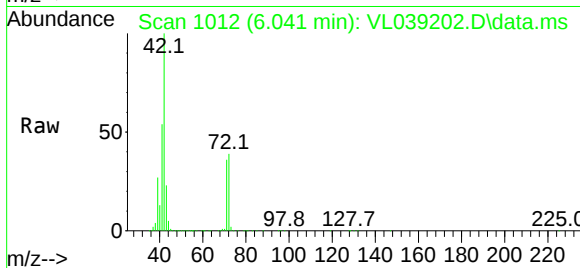
Tgt Ion: 88 Resp: 405641
Ion Ratio Lower Upper
88 100
58 66.7 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 10.565 ppbv
RT: 6.041 min Scan# 1016
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

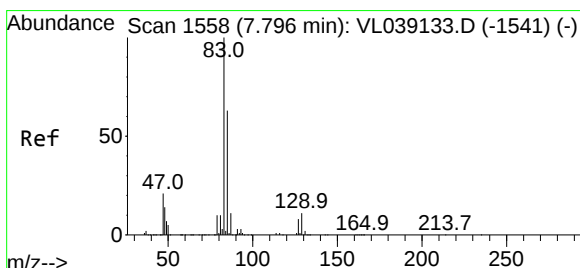
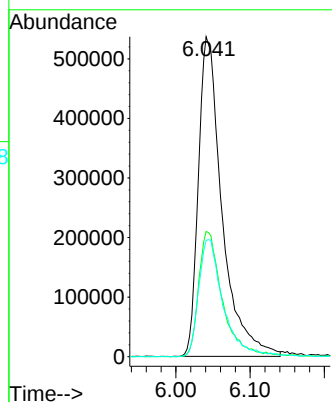
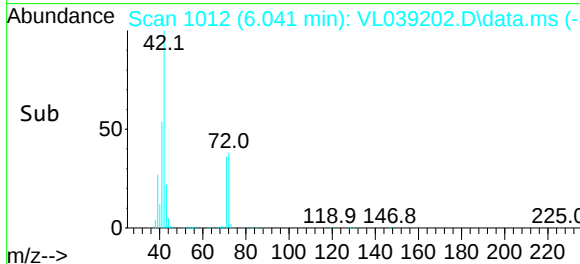
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 118784
Ion Ratio Lower Upper
42 100
72 39.9 32.0 48.0
71 38.4 31.1 46.7

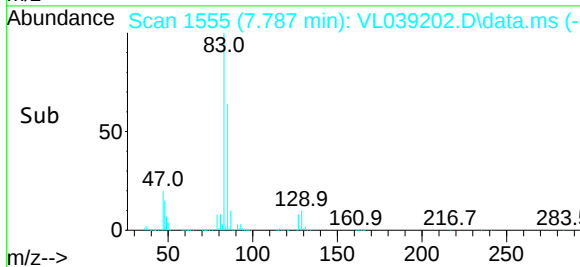
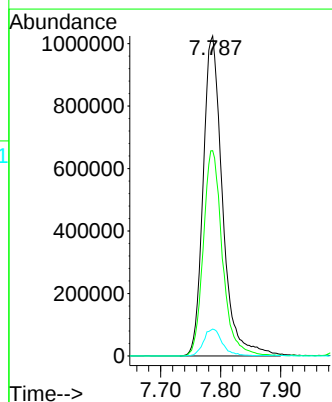
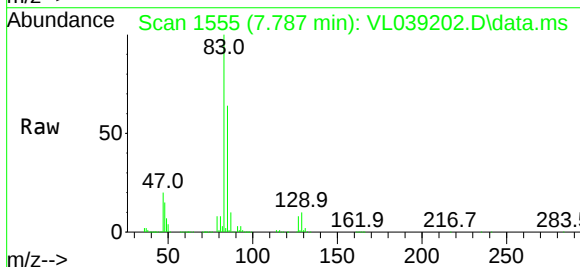
Manual Integrations
APPROVED

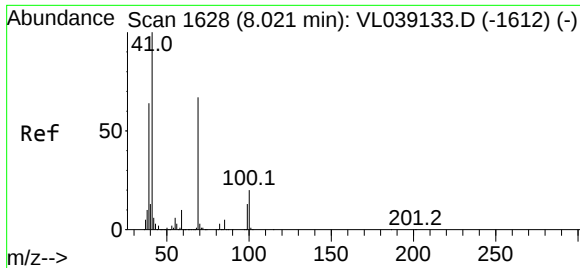
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#42
Bromodichloromethane
Concen: 9.031 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Tgt Ion: 83 Resp: 2304190
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.4 6.6 9.8





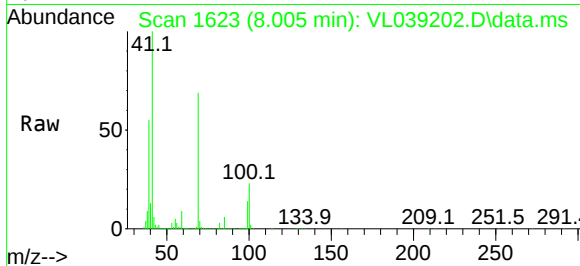
#43
Methyl Methacrylate
Concen: 11.388 ppbv
RT: 8.005 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

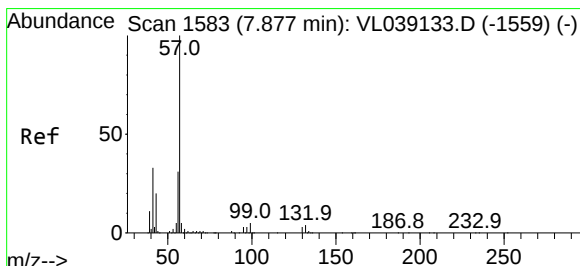
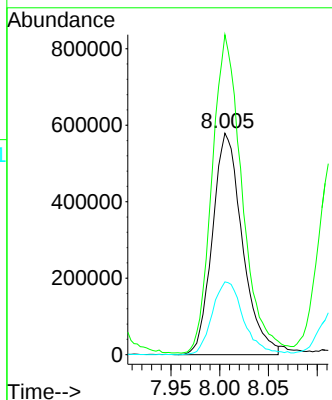
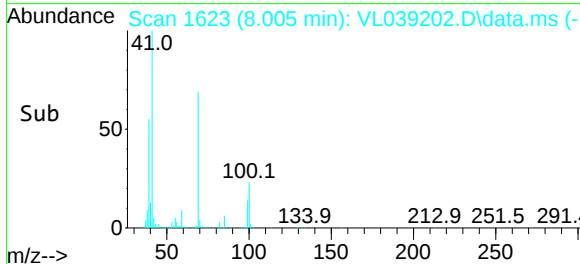


Tgt Ion: 69 Resp: 1239220
Ion Ratio Lower Upper
69 100
41 145.2 121.9 182.9
100 34.6 24.1 36.1

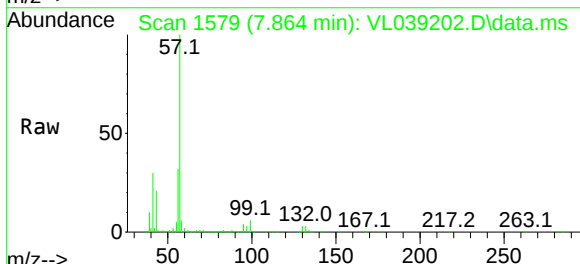
Manual Integrations

APPROVED

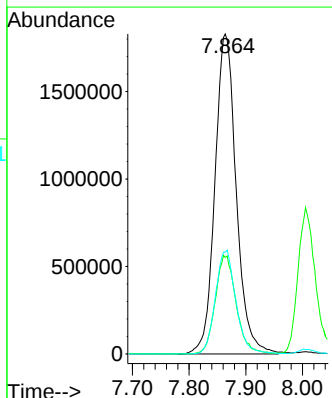
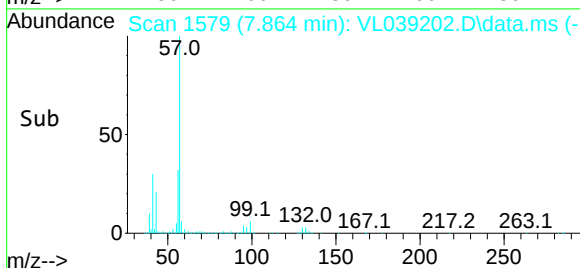
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

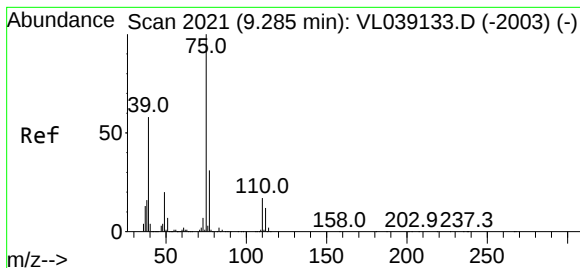


#44
2,2,4-Trimethylpentane
Concen: 9.766 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



Tgt Ion: 57 Resp: 4772477
Ion Ratio Lower Upper
57 100
41 30.1 26.2 39.4
56 31.2 24.7 37.1





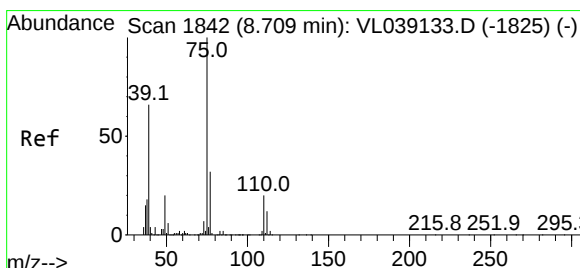
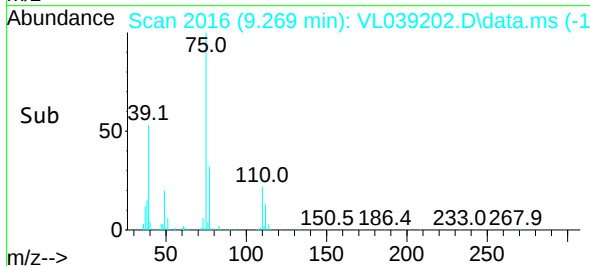
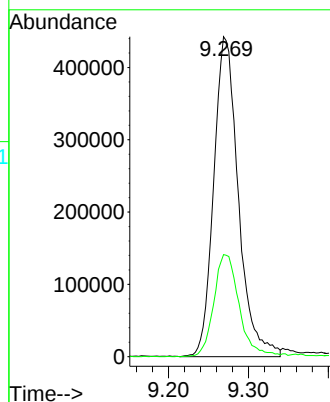
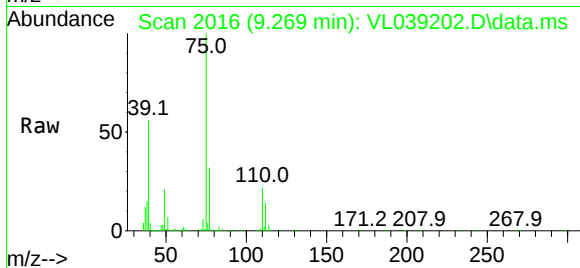
#45
t-1,3-Dichloropropene
Concen: 8.350 ppbv
RT: 9.269 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 946302
Ion Ratio Lower Upper
75 100
77 31.9 24.4 36.6

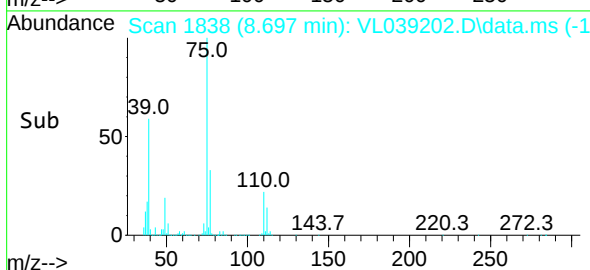
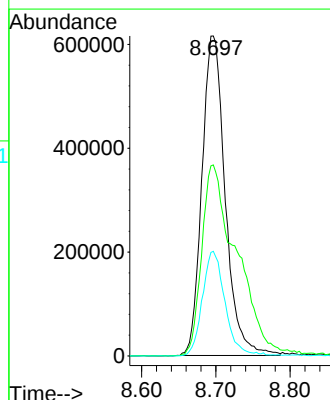
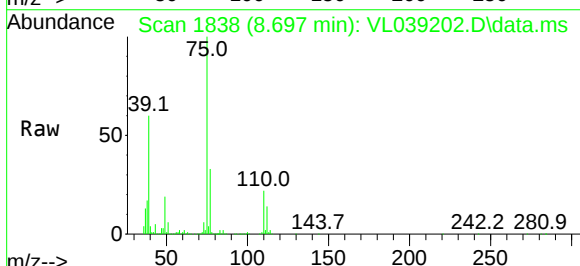
Manual Integrations
APPROVED

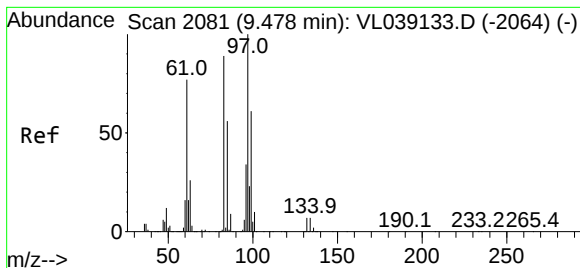
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#46
cis-1,3-Dichloropropene
Concen: 8.950 ppbv
RT: 8.697 min Scan# 1838
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

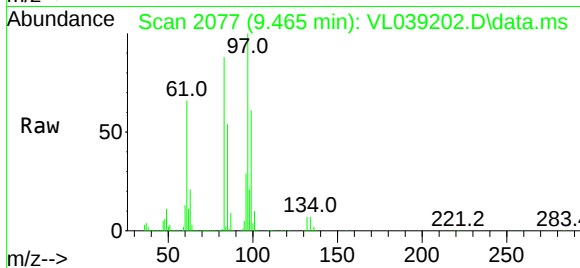
Tgt Ion: 75 Resp: 1339942
Ion Ratio Lower Upper
75 100
39 59.6 52.4 78.6
77 32.7 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 10.671 ppbv
RT: 9.465 min Scan# 2081
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

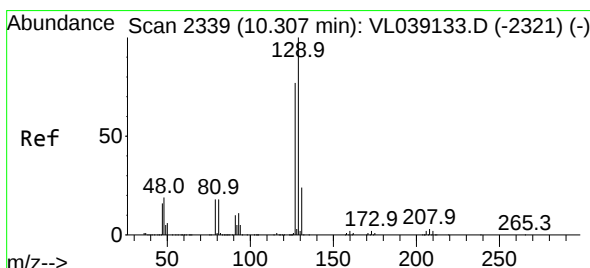
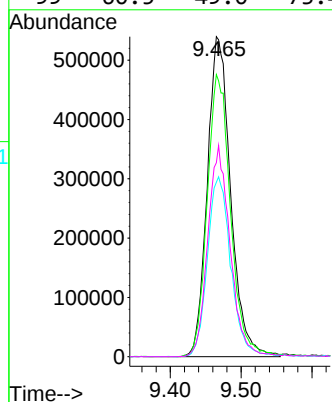
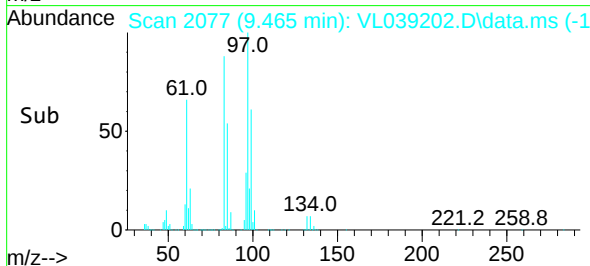
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



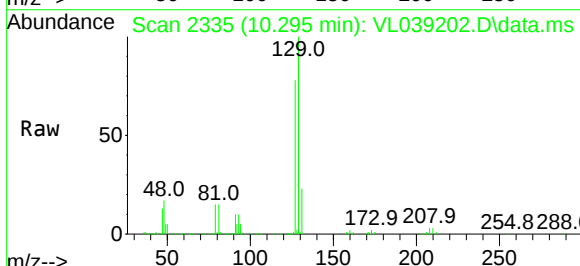
Tgt Ion: 97 Resp: 1237090
Ion Ratio Lower Upper
97 100
83 88.1 71.6 107.4
85 54.4 44.8 67.2
99 60.5 49.0 73.4

Manual Integrations
APPROVED

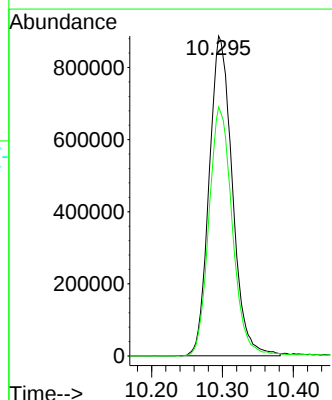
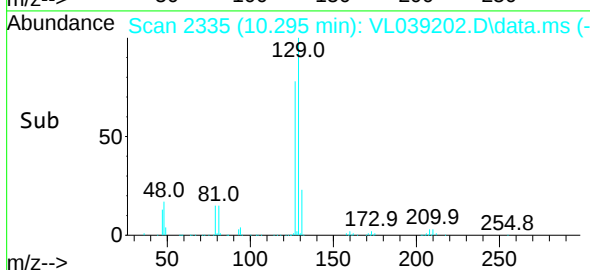
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

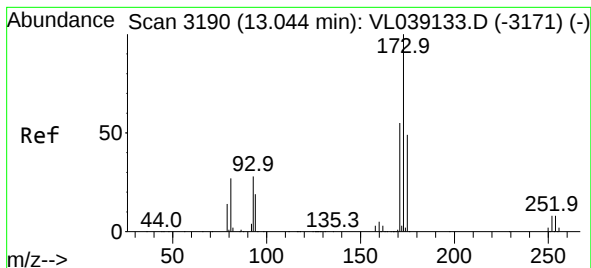


#48
Dibromochloromethane
Concen: 9.723 ppbv
RT: 10.295 min Scan# 2335
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



Tgt Ion:129 Resp: 2012537
Ion Ratio Lower Upper
129 100
127 79.3 40.0 119.9





#49

Bromoform

Concen: 9.866 ppbv

RT: 13.031 min Scan# 3190

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

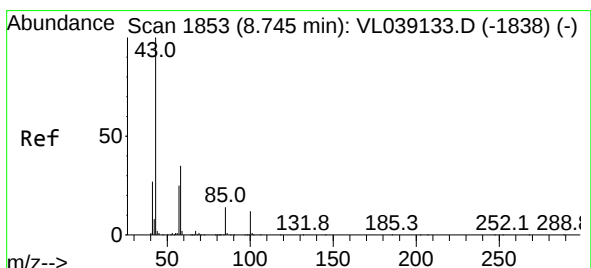
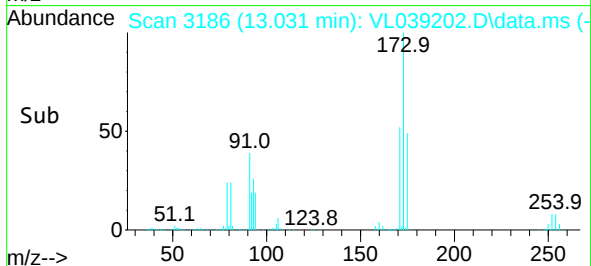
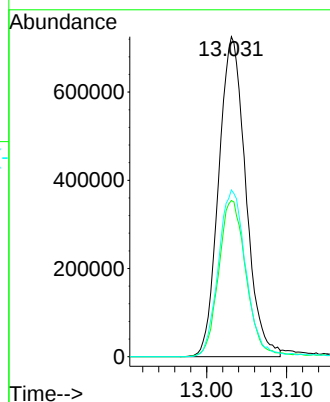
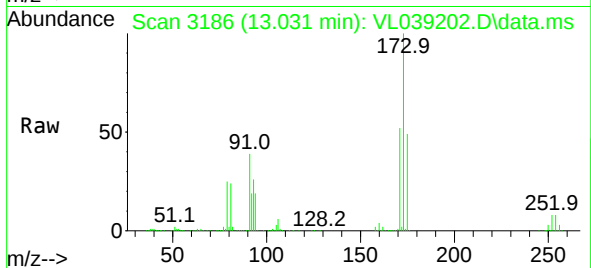
Tgt Ion:173 Resp: 170191

Ion	Ratio	Lower	Upper
173	100		
175	50.4	40.2	60.2
171	54.1	43.9	65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#50

4-Methyl-2-Pentanone

Concen: 10.396 ppbv

RT: 8.732 min Scan# 1849

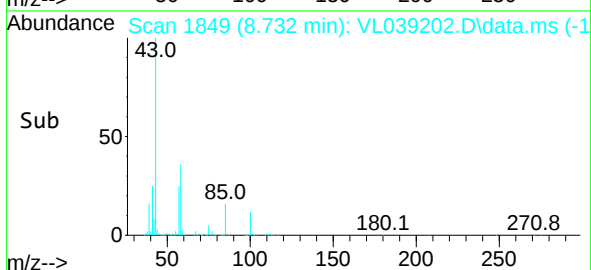
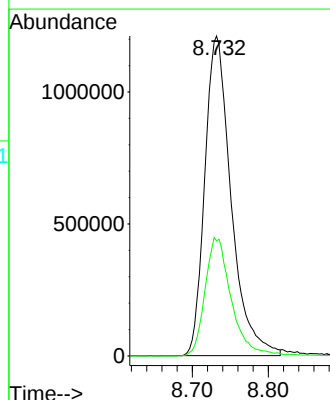
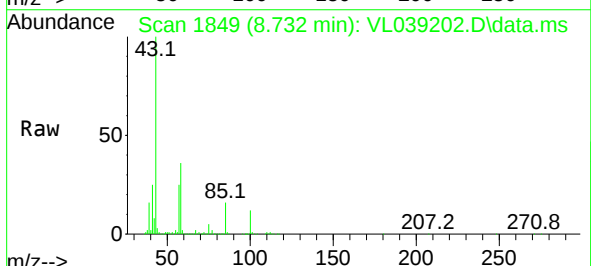
Delta R.T. -0.013 min

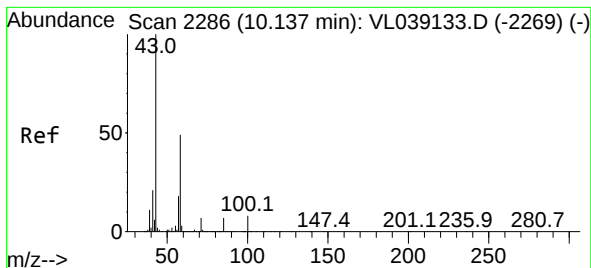
Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Tgt Ion: 43 Resp: 2909077

Ion	Ratio	Lower	Upper
43	100		
58	37.4	28.7	43.1





#51

2-Hexanone

Concen: 10.315 ppbv

RT: 10.124 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 224600

Ion Ratio Lower Upper

43 100

58 51.3 40.0 60.0

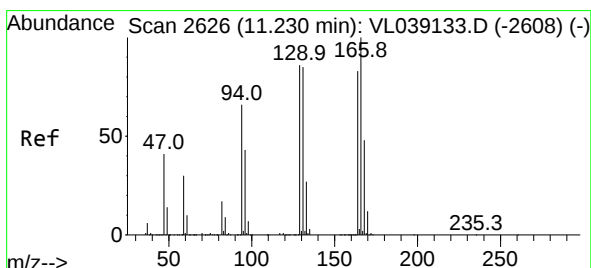
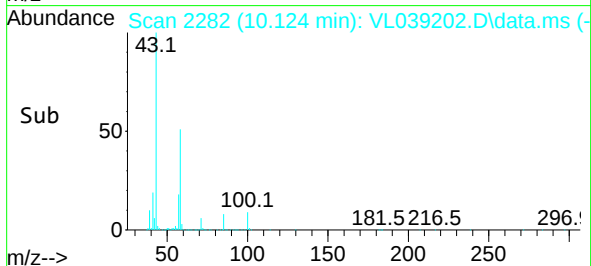
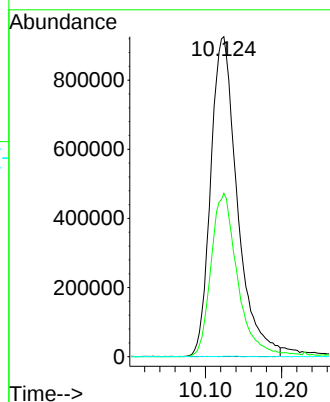
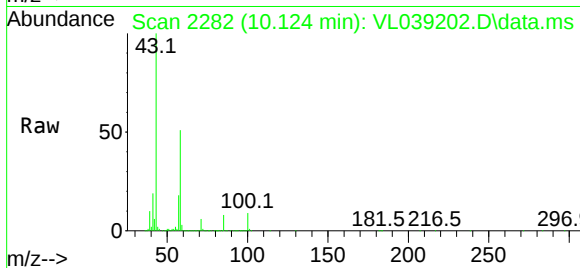
98 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#52

Tetrachloroethene

Concen: 10.250 ppbv

RT: 11.214 min Scan# 2621

Delta R.T. -0.016 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Tgt Ion:164 Resp: 1117977

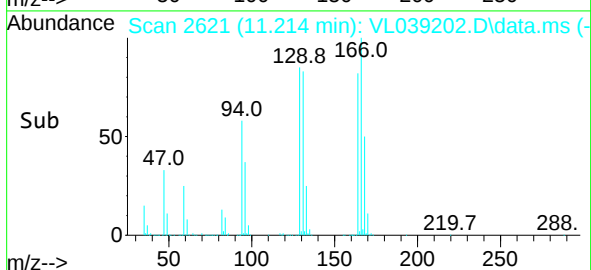
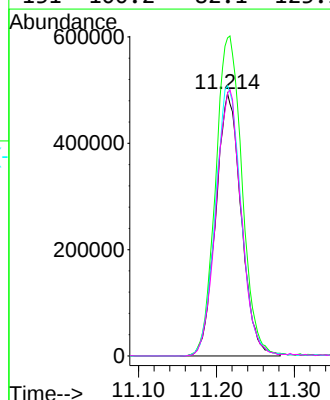
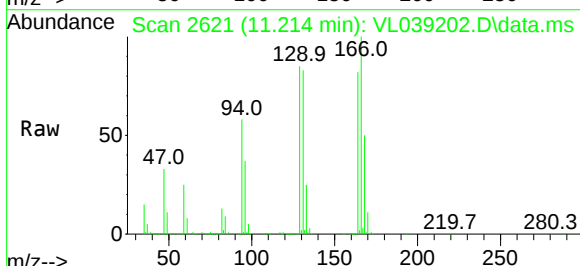
Ion Ratio Lower Upper

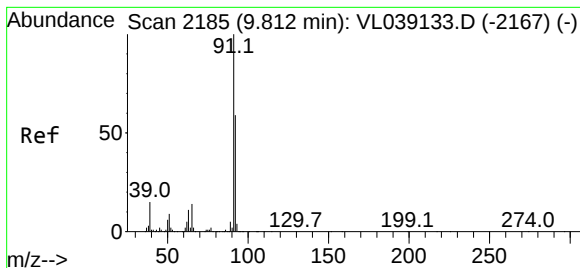
164 100

166 121.2 96.3 144.5

129 102.9 82.5 123.7

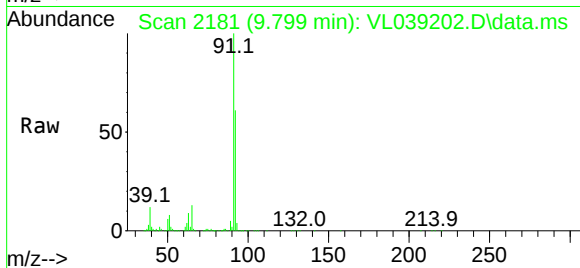
131 100.2 82.1 123.1





#53
Toluene
Concen: 10.851 ppbv
RT: 9.799 min Scan# 2185
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

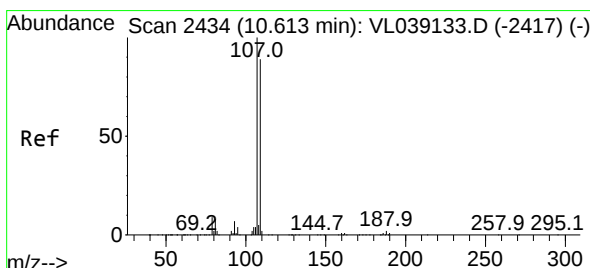
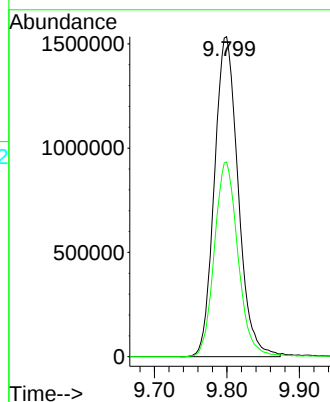
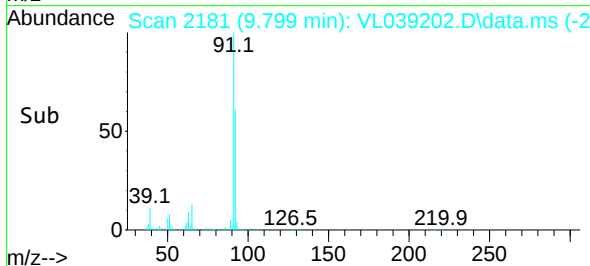
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



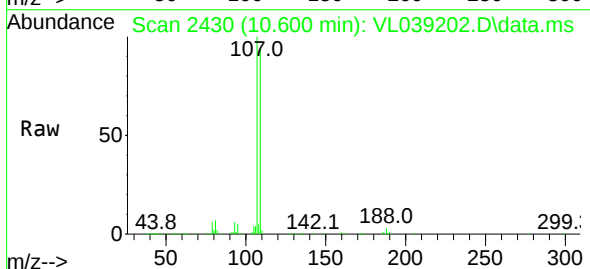
Tgt Ion: 91 Resp: 3490479
Ion Ratio Lower Upper
91 100
92 60.8 48.1 72.1

Manual Integrations
APPROVED

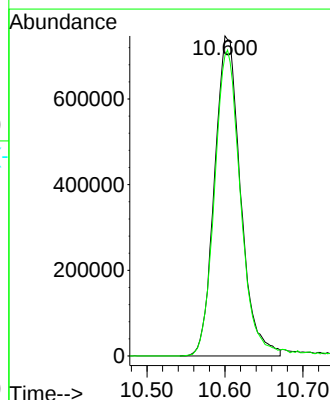
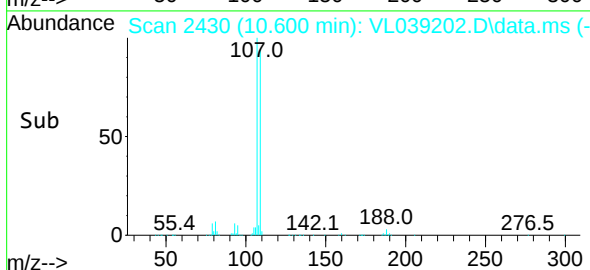
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

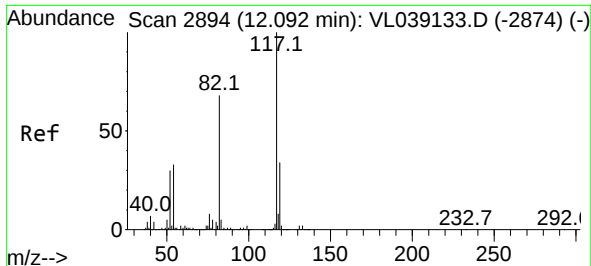


#54
1,2-Dibromoethane
Concen: 11.118 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



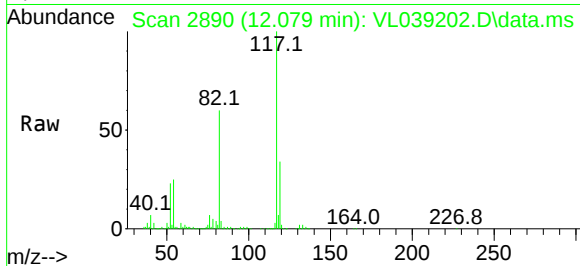
Tgt Ion:107 Resp: 1731868
Ion Ratio Lower Upper
107 100
109 94.0 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

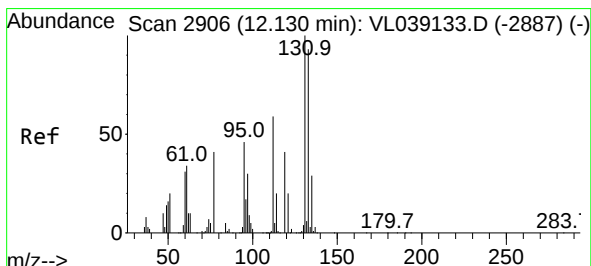
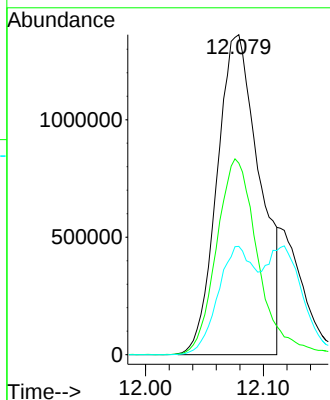
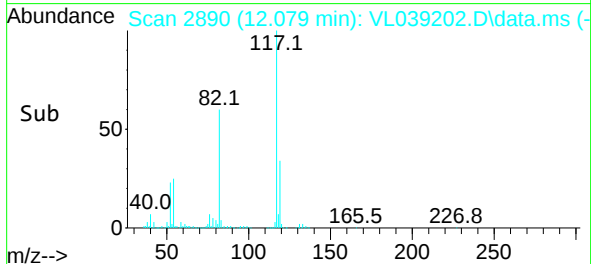
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



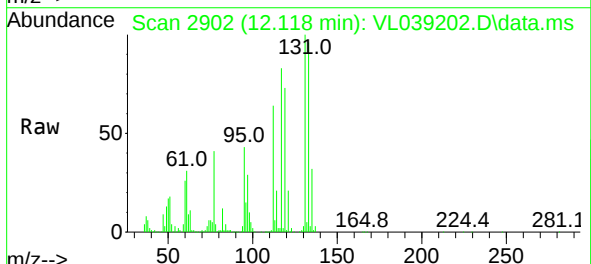
Tgt Ion:117 Resp: 3423049
Ion Ratio Lower Upper
117 100
82 60.8 55.1 82.7
119 30.6 24.7 37.1

Manual Integrations
APPROVED

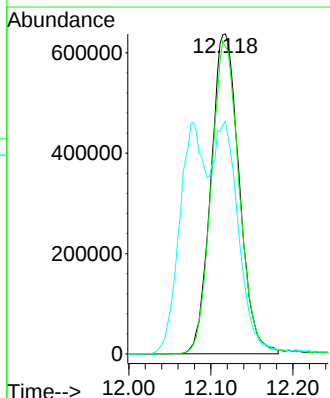
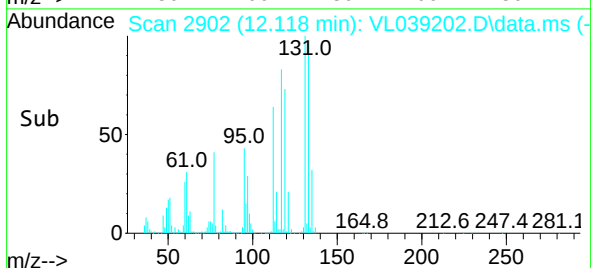
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

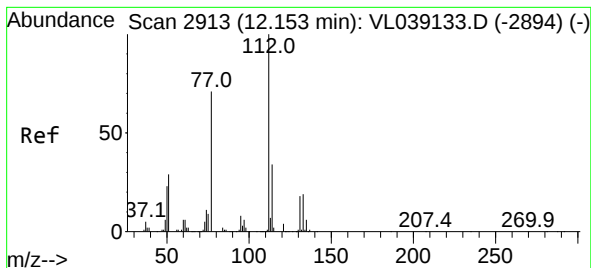


#56
1,1,1,2-Tetrachloroethane
Concen: 9.420 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



Tgt Ion:131 Resp: 1525769
Ion Ratio Lower Upper
131 100
133 97.4 78.6 117.8
119 74.5 51.7 77.5





#57

Chlorobenzene

Concen: 9.911 ppbv

RT: 12.140 min Scan# 2913

Delta R.T. -0.013 min

Lab File: VL039202.D

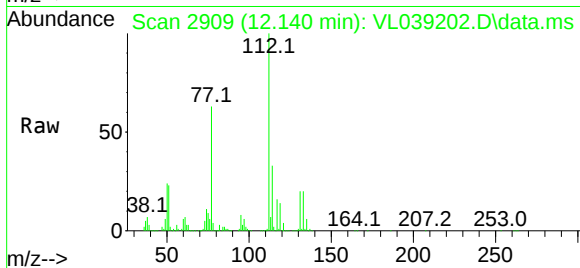
Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:112 Resp: 2552780

Ion Ratio Lower Upper

112 100

77 62.3 56.5 84.7

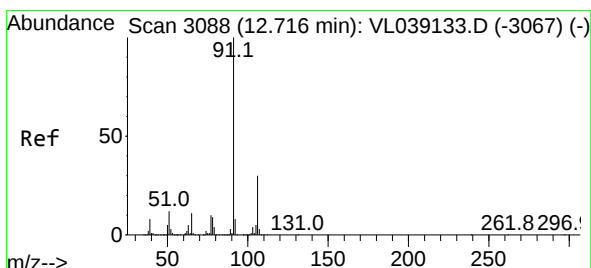
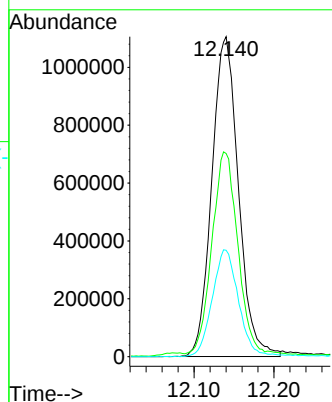
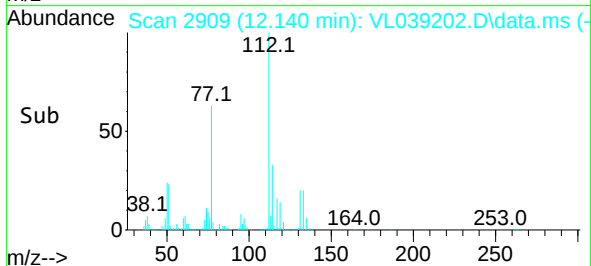
114 33.3 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#58

Ethyl Benzene

Concen: 9.930 ppbv

RT: 12.703 min Scan# 3084

Delta R.T. -0.013 min

Lab File: VL039202.D

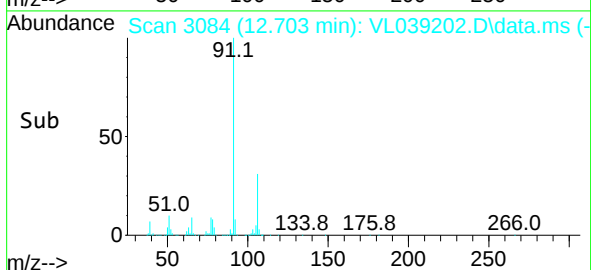
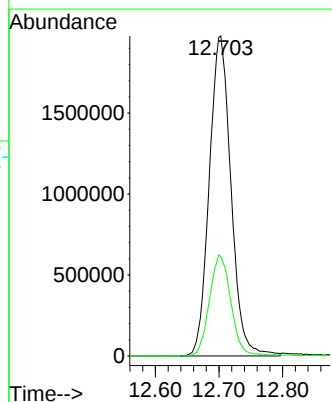
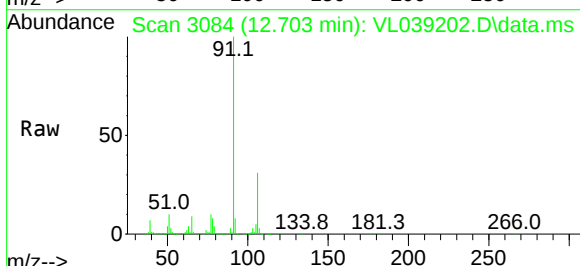
Acq: 7 Jun 2022 3:18

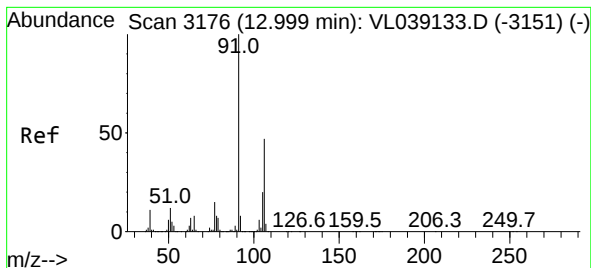
Tgt Ion: 91 Resp: 4682115

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.4





#59

m/p-Xylene

Concen: 18.366 ppbv m

RT: 12.986 min Scan# 3176

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 7625650

Ion Ratio Lower Upper

91 100

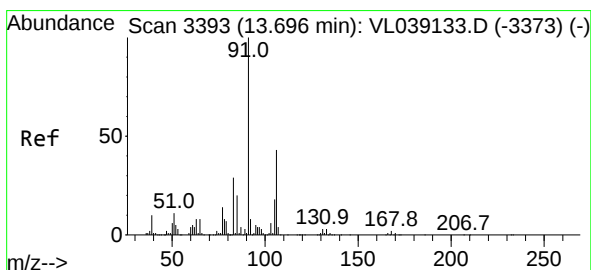
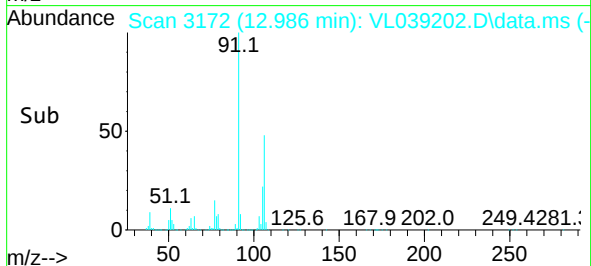
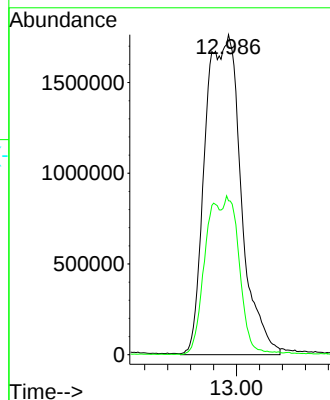
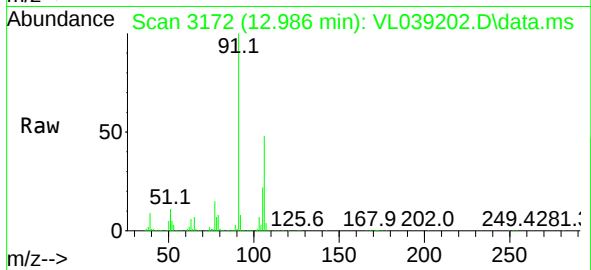
106 46.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#60

o-Xylene

Concen: 9.350 ppbv

RT: 13.680 min Scan# 3388

Delta R.T. -0.016 min

Lab File: VL039202.D

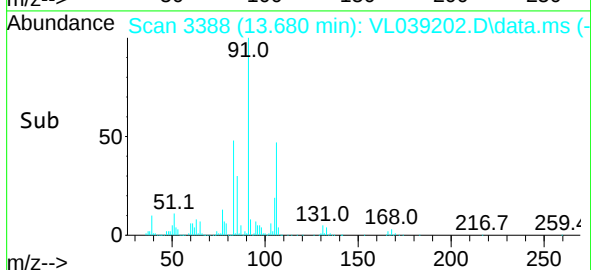
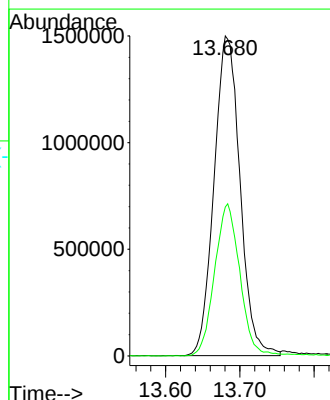
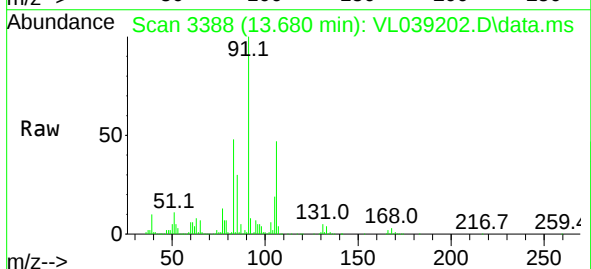
Acq: 7 Jun 2022 3:18

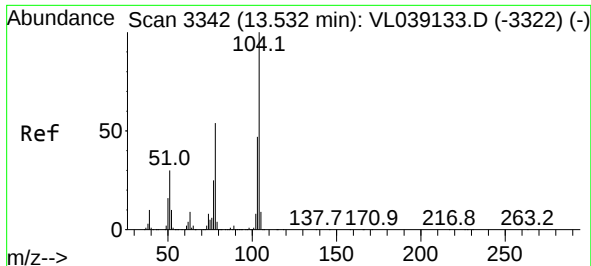
Tgt Ion: 91 Resp: 3648163

Ion Ratio Lower Upper

91 100

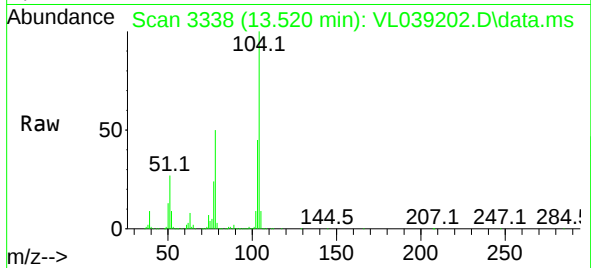
106 46.6 22.3 66.9





#61
Styrene
Concen: 10.790 ppbv
RT: 13.520 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

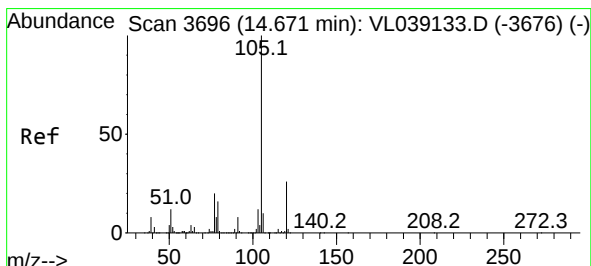
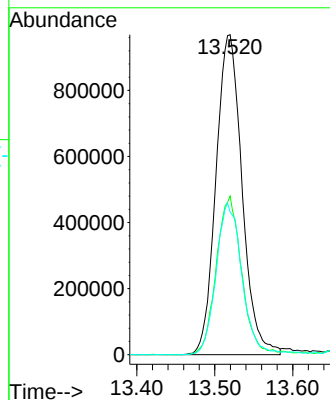
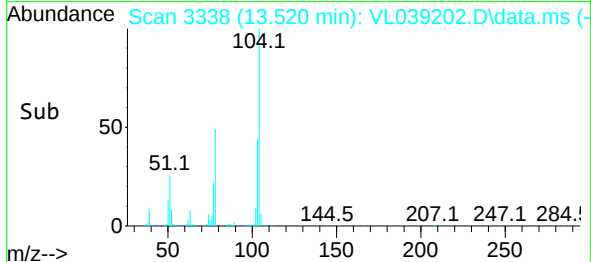
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



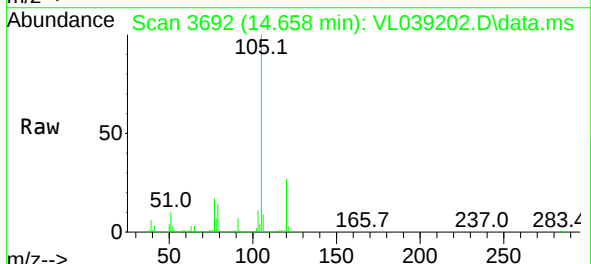
Tgt Ion:104 Resp: 225428
Ion Ratio Lower Upper
104 100
78 48.9 45.7 68.5
103 47.5 39.6 59.4

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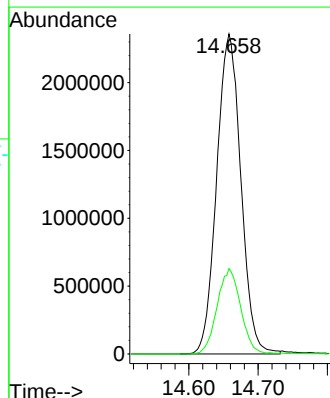
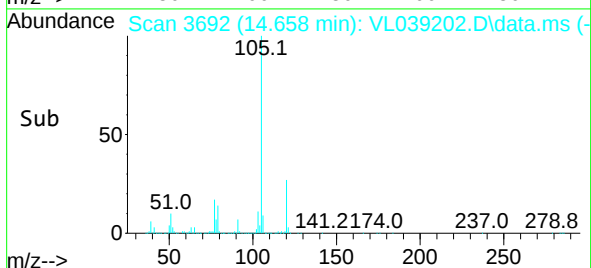
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

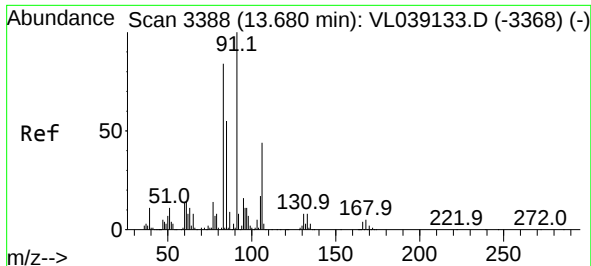


#62
Isopropylbenzene
Concen: 9.854 ppbv
RT: 14.658 min Scan# 3692
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



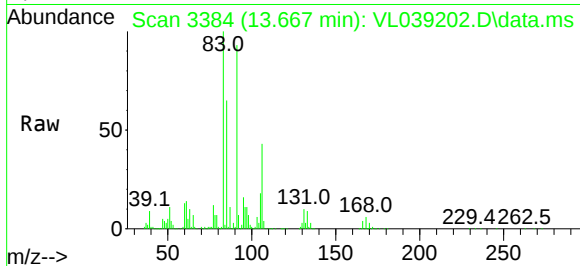
Tgt Ion:105 Resp: 5714405
Ion Ratio Lower Upper
105 100
120 26.2 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 11.269 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

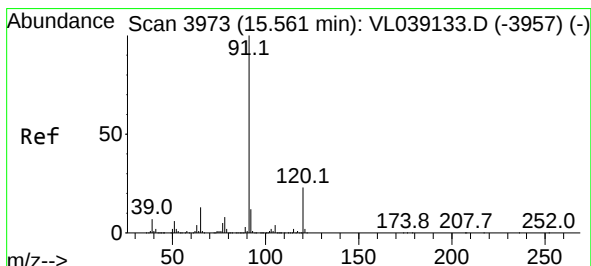
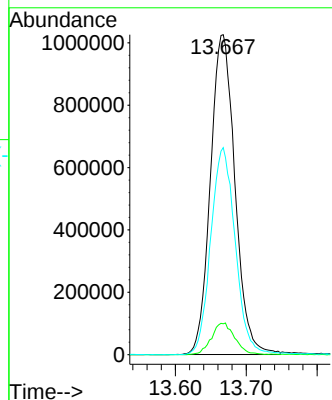
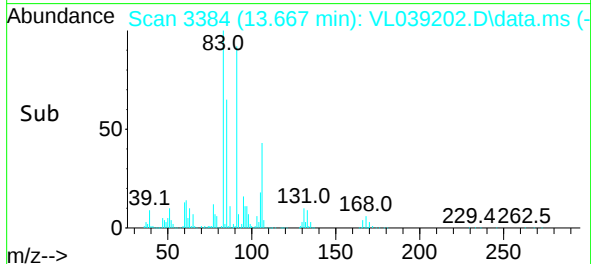
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 246779
Ion Ratio Lower Upper
83 100
131 9.7 4.8 14.3
85 65.1 33.0 99.0

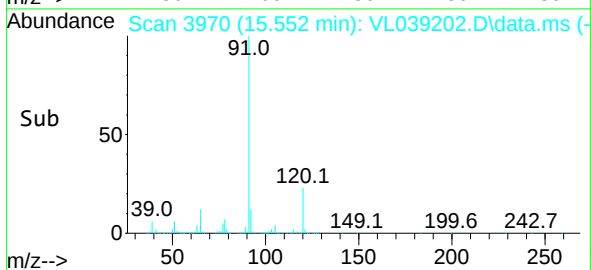
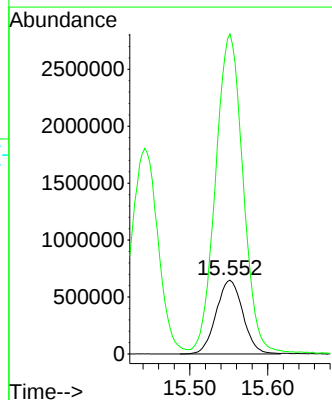
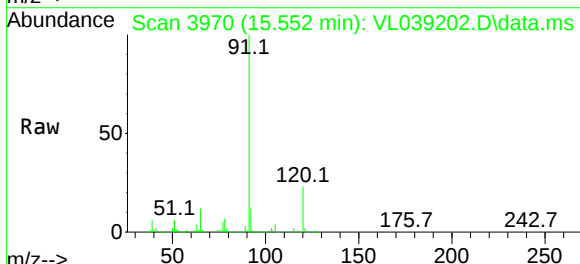
Manual Integrations
APPROVED

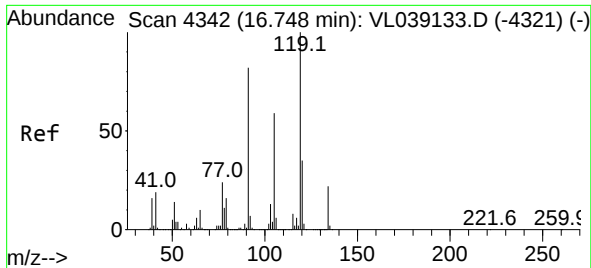
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#64
n-propylbenzene
Concen: 10.822 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

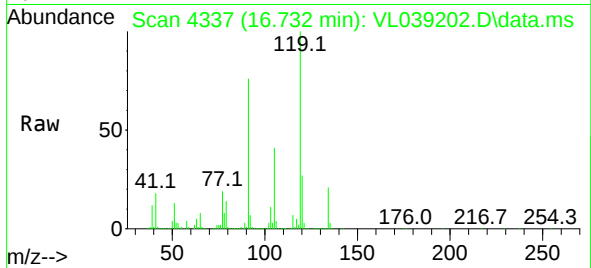
Tgt Ion:120 Resp: 1542652
Ion Ratio Lower Upper
120 100
91 449.4 388.4 582.6





#65
tert-Butylbenzene
Concen: 9.466 ppbv
RT: 16.732 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

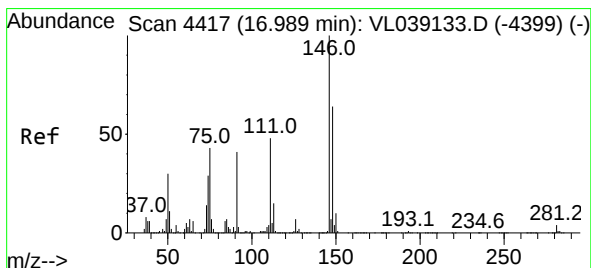
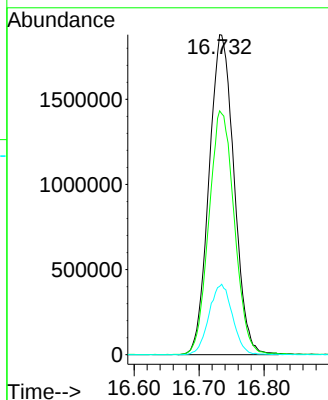
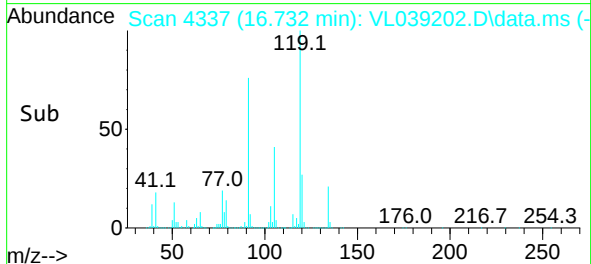
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



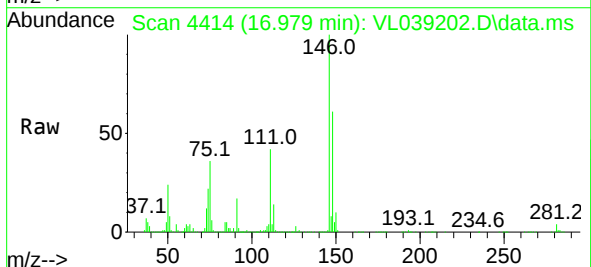
Tgt Ion: 119 Resp: 5019694
Ion Ratio Lower Upper
119 100
91 77.6 67.1 100.7
134 20.7 15.8 23.8

Manual Integrations
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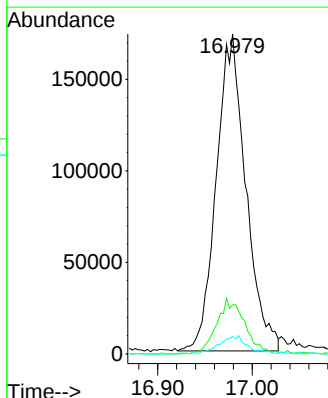
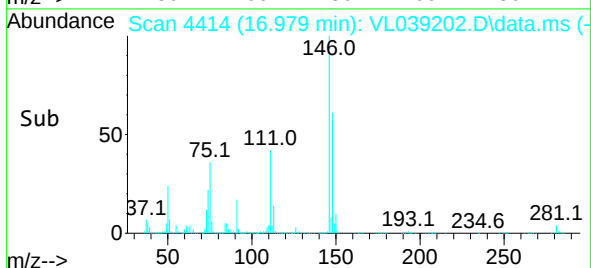
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

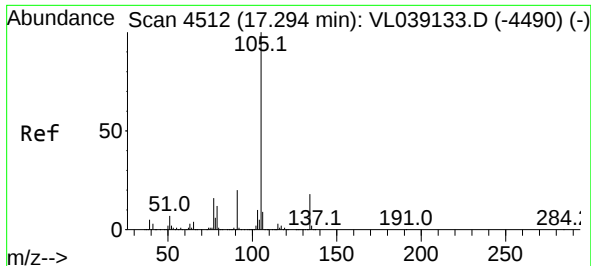


#66
Benzyl Chloride
Concen: 5.443 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



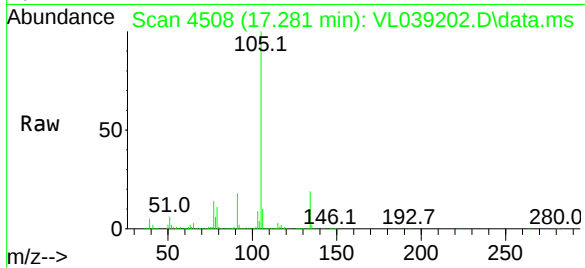
Tgt Ion: 91 Resp: 375260
Ion Ratio Lower Upper
91 100
126 17.0 13.4 20.0
128 5.7 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.894 ppbv
 RT: 17.281 min Scan# 4508
 Delta R.T. -0.013 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

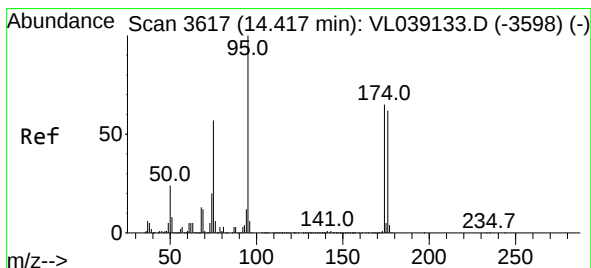
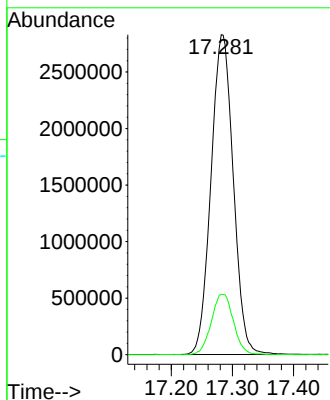
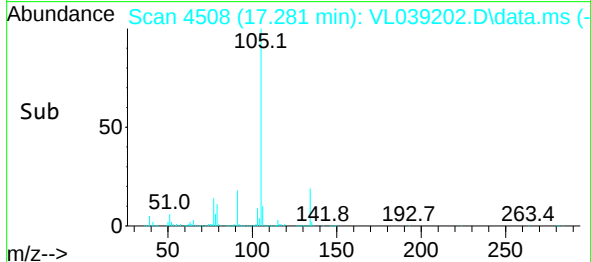
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 715874
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.4 21.6

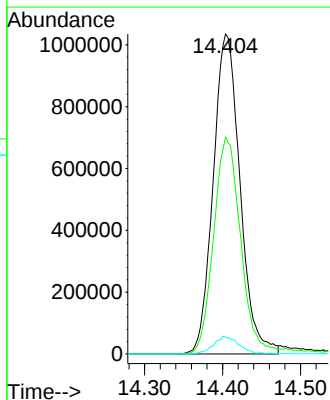
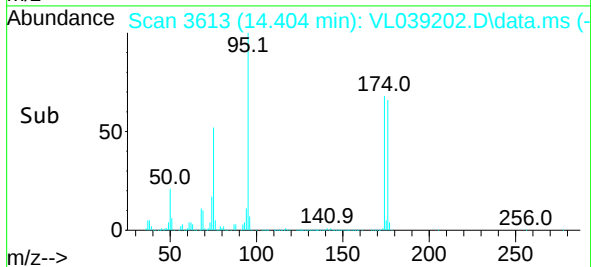
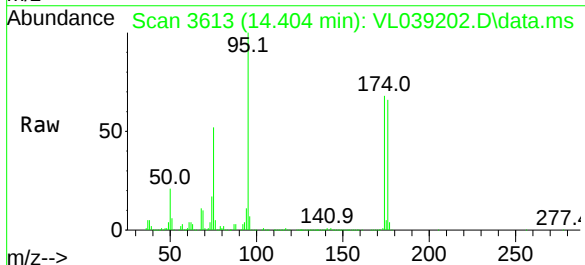
Manual Integrations
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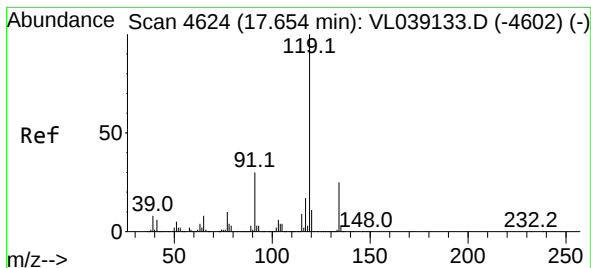
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.741 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.013 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

Tgt Ion: 95 Resp: 2473583
 Ion Ratio Lower Upper
 95 100
 174 70.2 53.8 80.8
 175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.817 ppbv

RT: 17.642 min Scan# 4620

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 5992430

Ion Ratio Lower Upper

119 100

134 26.4 20.4 30.6

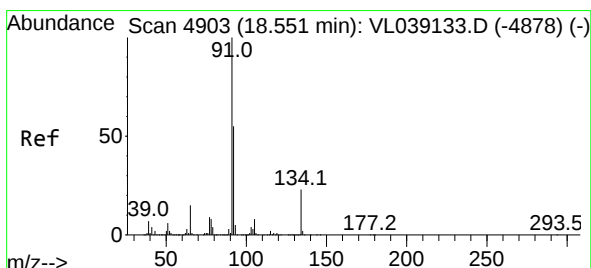
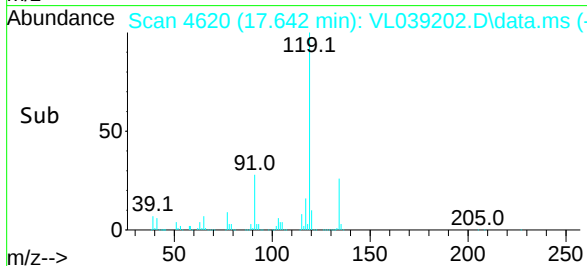
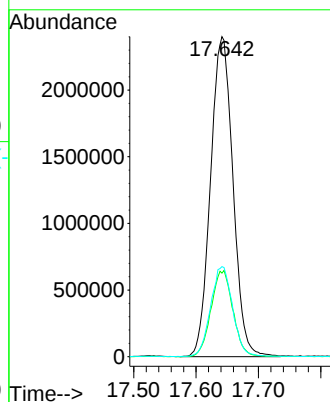
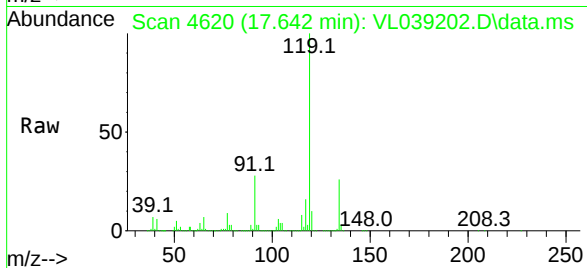
91 27.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#70

n-Butylbenzene

Concen: 9.821 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

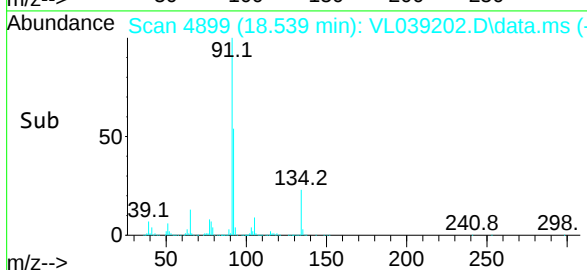
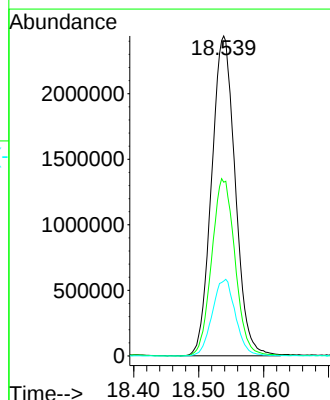
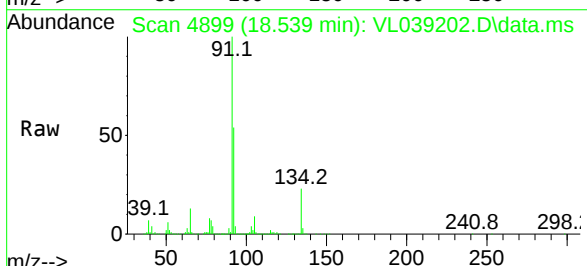
Tgt Ion: 91 Resp: 6153596

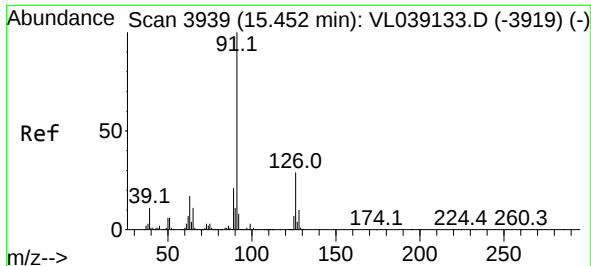
Ion Ratio Lower Upper

91 100

92 55.1 43.6 65.4

134 23.7 17.7 26.5





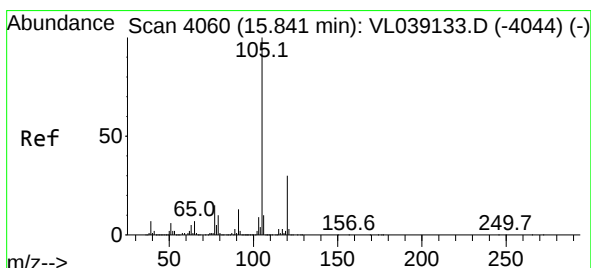
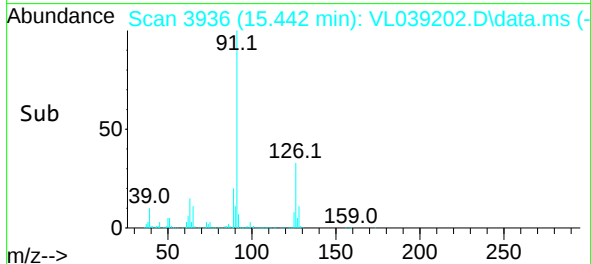
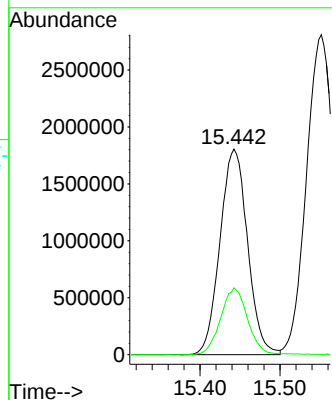
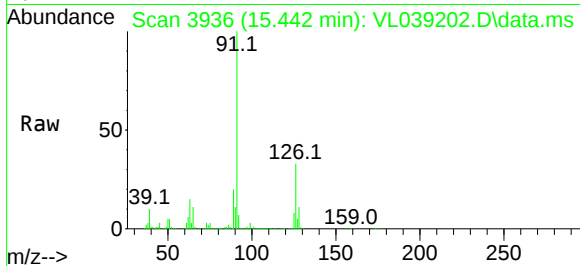
#71
2-Chlorotoluene
Concen: 9.762 ppbv
RT: 15.442 min Scan# 3939
Delta R.T. -0.010 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 431687
Ion Ratio Lower Upper
91 100
126 32.0 12.2 48.6

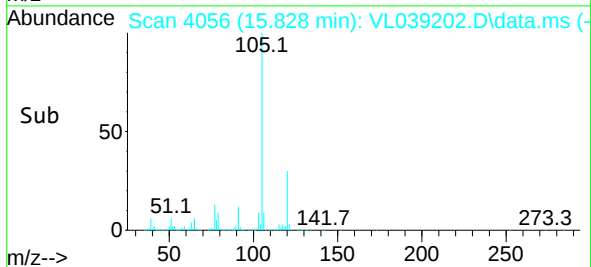
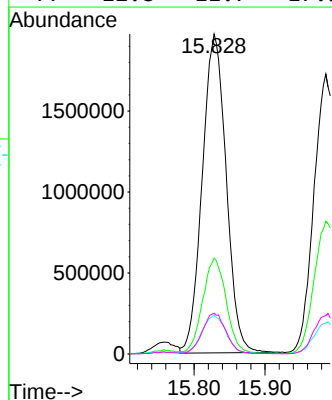
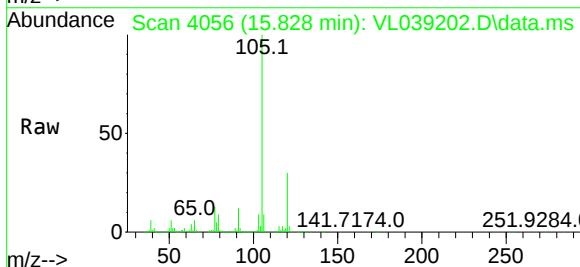
Manual Integrations
APPROVED

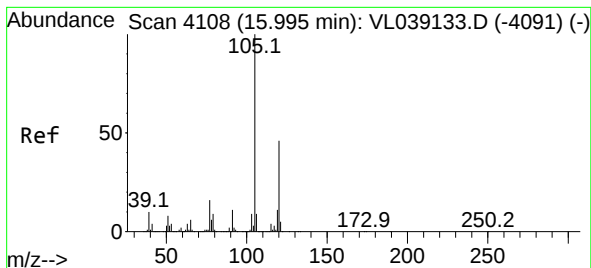
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
4-Ethyltoluene
Concen: 10.090 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.013 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

Tgt Ion:105 Resp: 4613905
Ion Ratio Lower Upper
105 100
120 30.0 23.9 35.9
91 12.2 10.6 16.0
77 12.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.846 ppbv

RT: 15.986 min Scan# 4105

Delta R.T. -0.010 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 4061050

Ion Ratio Lower Upper

105 100

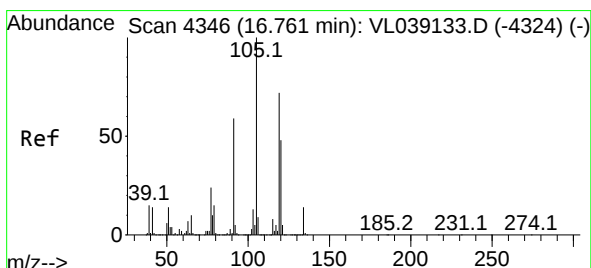
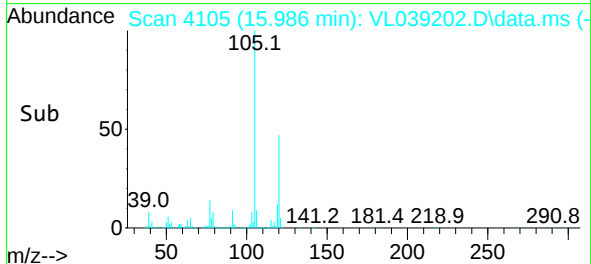
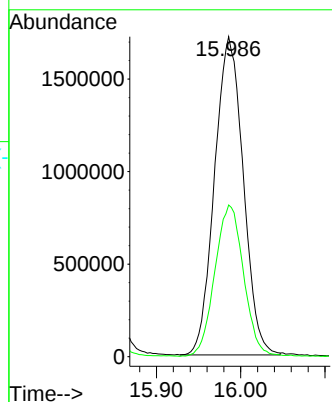
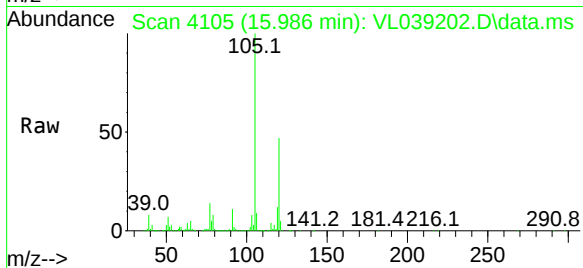
120 47.5 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.309 ppbv

RT: 16.751 min Scan# 4343

Delta R.T. -0.010 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Tgt Ion:105 Resp: 4284547

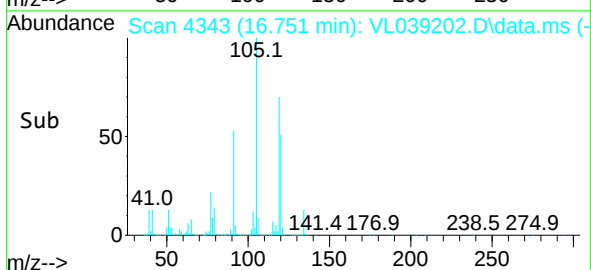
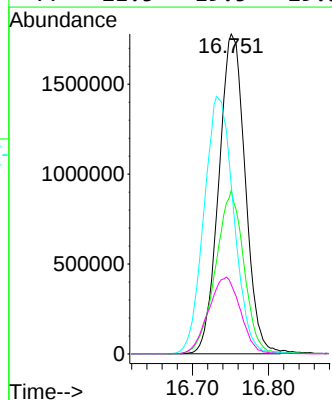
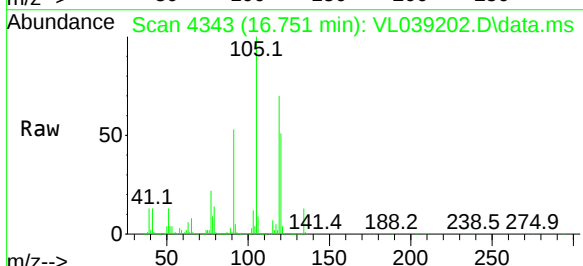
Ion Ratio Lower Upper

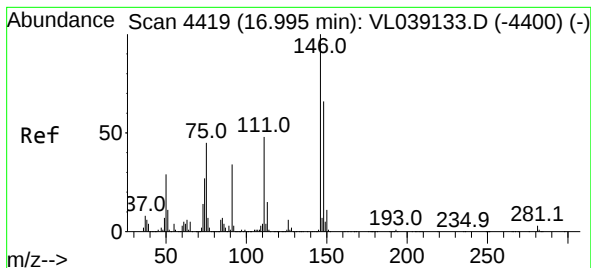
105 100

120 51.0 38.1 57.1

91 52.2 47.4 71.0

77 21.5 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.046 ppbv

RT: 16.986 min Scan# 4416

Delta R.T. -0.010 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 261712

Ion Ratio Lower Upper

146 100

111 45.2 23.8 71.4

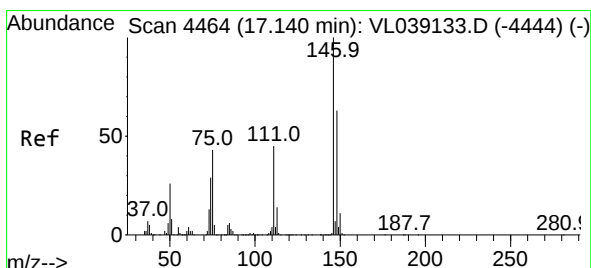
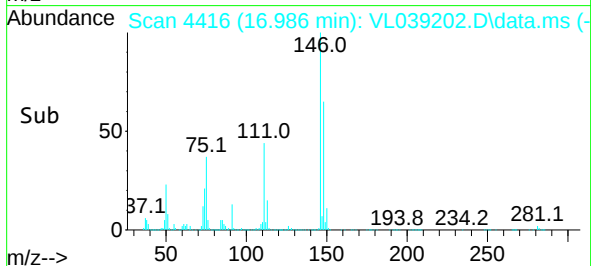
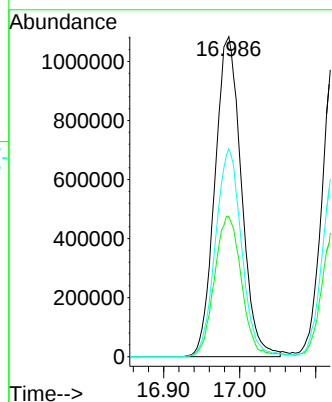
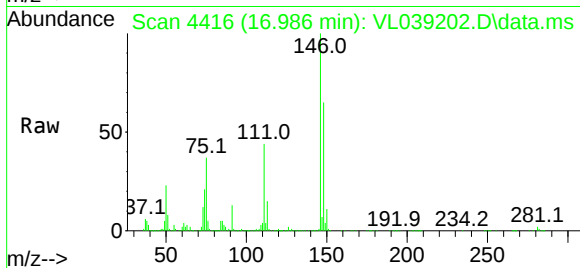
148 64.4 32.4 97.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#76

1,4-Dichlorobenzene

Concen: 9.668 ppbv

RT: 17.124 min Scan# 4459

Delta R.T. -0.016 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

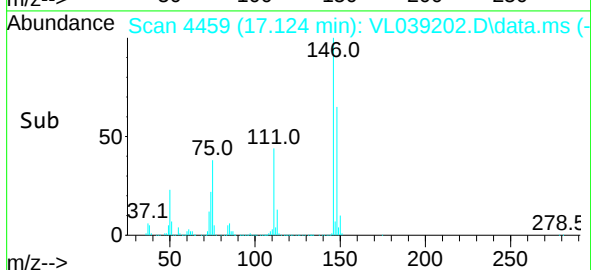
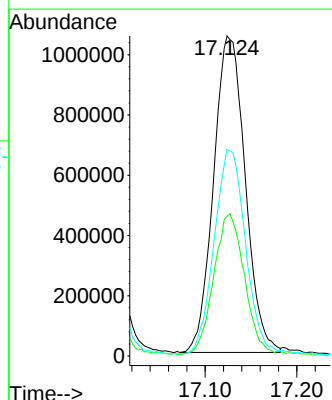
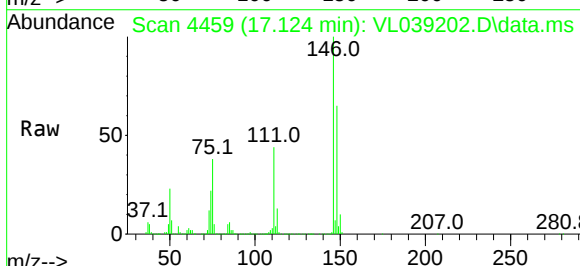
Tgt Ion:146 Resp: 2513025

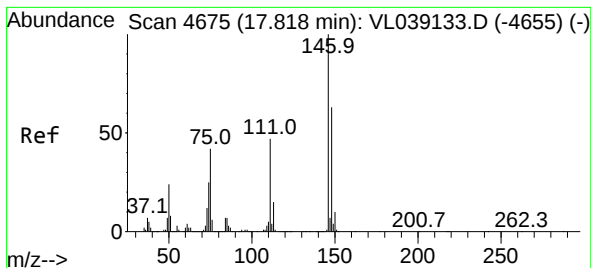
Ion Ratio Lower Upper

146 100

111 44.8 23.6 71.0

148 66.4 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.796 ppbv

RT: 17.806 min Scan# 40

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 257208

Ion Ratio Lower Upper

146 100

111 46.6 24.4 73.4

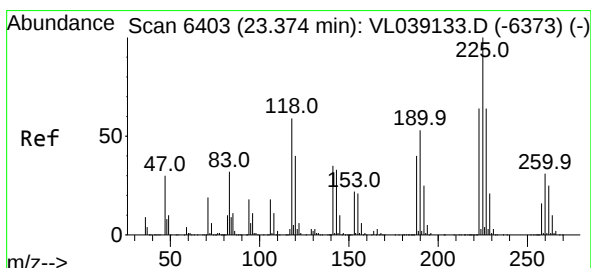
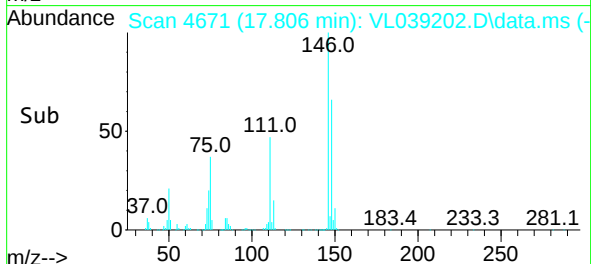
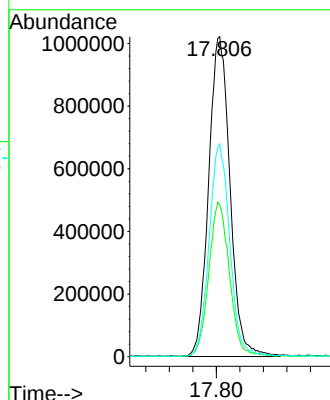
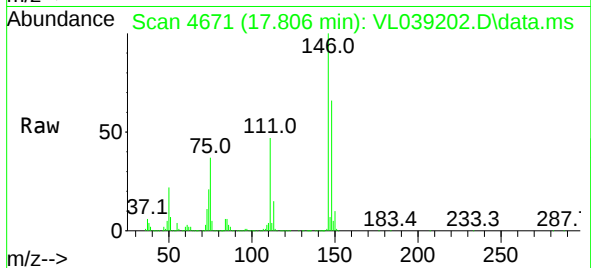
148 64.5 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.296 ppbv

RT: 23.362 min Scan# 6399

Delta R.T. -0.013 min

Lab File: VL039202.D

Acq: 7 Jun 2022 3:18

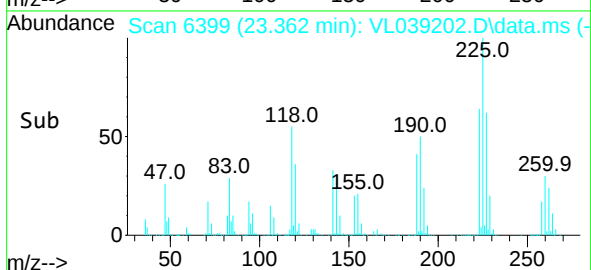
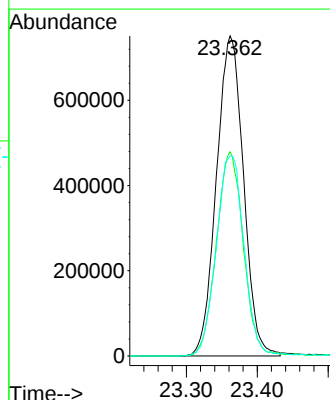
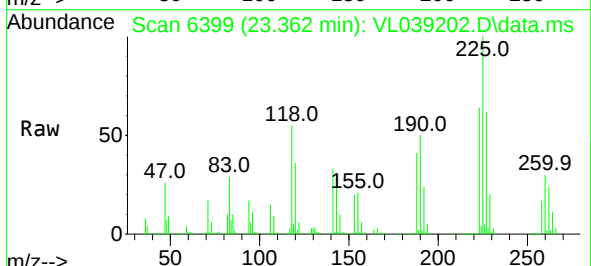
Tgt Ion:225 Resp: 1991942

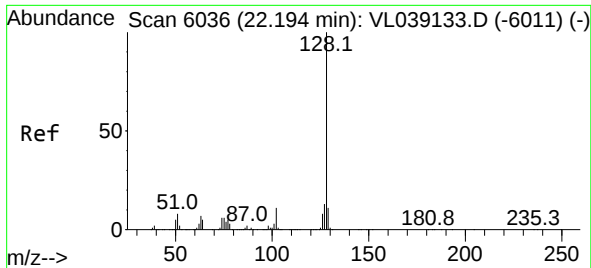
Ion Ratio Lower Upper

225 100

223 63.8 51.4 77.0

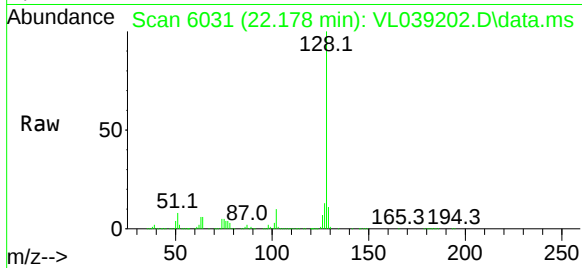
227 64.5 50.6 75.8





#79
Naphthalene
Concen: 10.976 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18

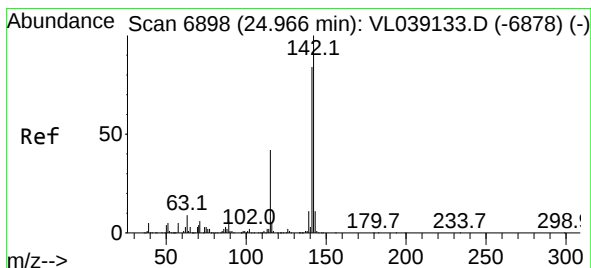
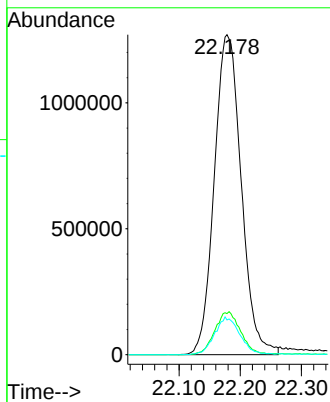
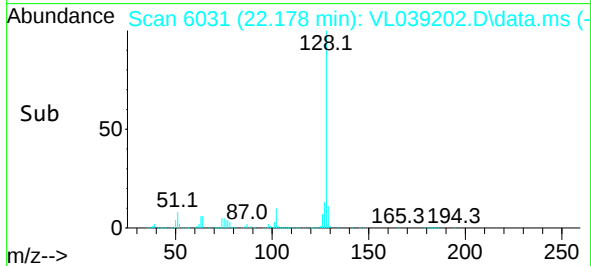
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



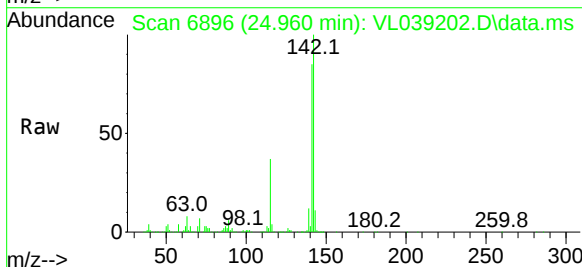
Tgt Ion:128 Resp: 3889070
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 9.0 13.6

Manual Integrations
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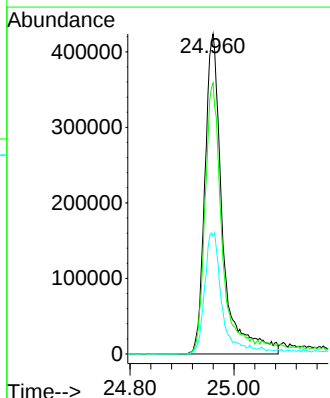
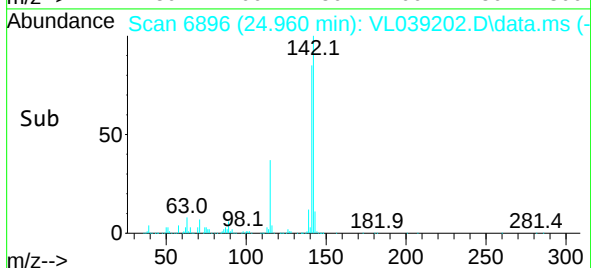
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

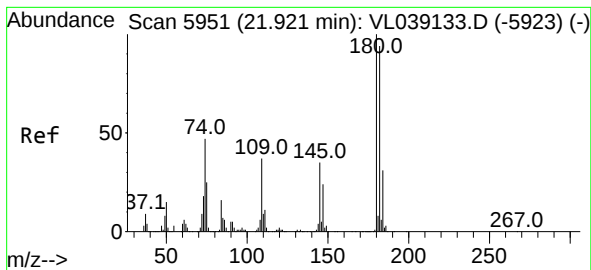


#80
Naphthalene,2-methyl-
Concen: 7.569 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.006 min
Lab File: VL039202.D
Acq: 7 Jun 2022 3:18



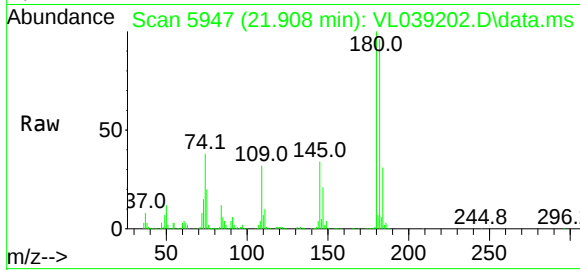
Tgt Ion:142 Resp: 996389
Ion Ratio Lower Upper
142 100
141 85.7 64.6 96.8
115 39.3 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.568 ppbv
 RT: 21.908 min Scan# 5947
 Delta R.T. -0.013 min
 Lab File: VL039202.D
 Acq: 7 Jun 2022 3:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 214766
 Ion Ratio Lower Upper
 180 100
 182 96.9 0.0 0.0
 184 32.1 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

