

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040722\
 Data File : VL038834.D
 Acq On : 7 Apr 2022 9:40
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/09/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 05:22:34 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.677	49	1306622	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.185	114	3579342	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.089	117	3289985m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2530566 10.140 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1974081	10.652	ppbv	98
3) Chlorodifluoromethane	2.999	51	1593029	9.990	ppbv	100
4) Chloromethane	3.153	50	809053	9.798	ppbv	95
5) Vinyl Chloride	3.269	62	733963	9.620	ppbv	97
6) Bromomethane	3.485	94	369542	10.011	ppbv	94
7) Chloroethane	3.568	64	254777	10.014	ppbv	95
8) Dichlorotetrafluoroethane	3.198	85	1764747	10.193	ppbv	96
9) Propene	3.022	41	833551	9.880	ppbv	99
10) Heptane	8.131	43	2093314	9.850	ppbv	99
11) Trichlorofluoromethane	3.964	101	1537408	10.323	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.497	101	1217611	10.673	ppbv	96
13) Ethanol	3.613	45	50797m	9.907	ppbv	
14) Bromoethene	3.751	108	516436	10.294	ppbv	94
15) Acetone	3.858	43	1231848	9.469	ppbv	99
16) 1,3-Butadiene	3.340	39	733261	9.860	ppbv	99
17) tert-Butyl alcohol	4.295	59	1177664	10.095	ppbv	99
18) 1,1-Dichloroethene	4.298	96	539951	10.383	ppbv	96
19) Isopropyl Alcohol	3.970	45	693801	10.435	ppbv #	100
20) Methylene Chloride	4.356	84	428150	9.075	ppbv	91
21) Allyl Chloride	4.423	41	967994	9.938	ppbv	99
22) trans-1,2-Dichloroethene	4.893	96	582130	11.056	ppbv	95
23) Vinyl Acetate	5.079	43	1378287	10.880	ppbv #	98
24) 1,1-Dichloroethane	5.022	63	1196081	10.448	ppbv	99
25) Ethyl Acetate	5.684	43	3320517	10.060	ppbv	99
26) Hexane	5.697	57	1467965	9.771	ppbv	98
27) Carbon Disulfide	4.562	76	1498767	10.878	ppbv	99
28) Methyl tert-Butyl Ether	5.044	73	1151374	9.922	ppbv	100
29) Chloroform	5.761	83	2184682	10.393	ppbv	97
30) Cyclohexane	7.140	84	1289411	9.738	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	1367156	9.897	ppbv	98
32) 1,1,1-Trichloroethane	6.520	97	2186436	10.323	ppbv	99
34) 2-Butanone	5.250	43	1436071	10.153	ppbv	100
35) Carbon Tetrachloride	7.028	117	2228023	10.383	ppbv	98
36) Benzene	6.899	78	3224049	9.901	ppbv	98
37) 1,2-Dichloroethane	6.314	62	1595296	10.716	ppbv	98
38) Trichloroethene	7.841	130	1241386	9.291	ppbv	94
39) 1,2-Dichloropropane	7.623	63	1251765	10.051	ppbv	100
40) 1,4-Dioxane	7.835	88	386806	9.146	ppbv #	1
41) Tetrahydrofuran	6.054	42	1345150	10.014	ppbv	99
42) Bromodichloromethane	7.803	83	2463951	10.481	ppbv	99
43) Methyl Methacrylate	8.021	69	1302440	10.443	ppbv	99
44) 2,2,4-Trimethylpentane	7.877	57	5294692	9.604	ppbv	99
45) t-1,3-Dichloropropene	9.285	75	1394449	10.693	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

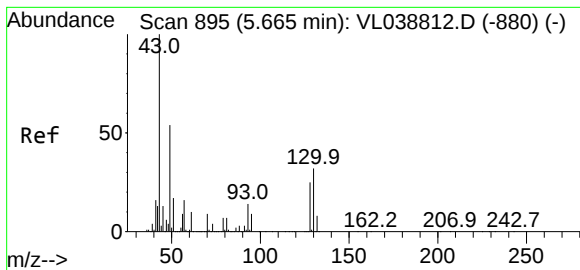
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

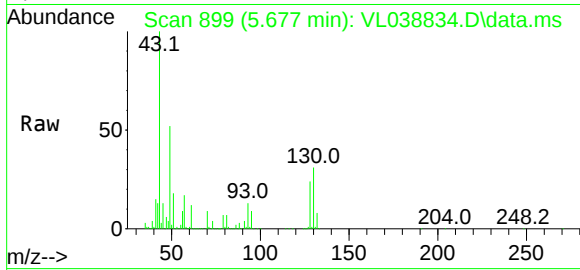
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1765062	10.266	ppbv	100
47) 1,1,2-Trichloroethane	9.481	97	1279387	10.025	ppbv	98
48) Dibromochloromethane	10.311	129	2069981	10.349	ppbv	98
49) Bromoform	13.047	173	1640132	10.353	ppbv	98
50) 4-Methyl-2-Pentanone	8.745	43	3299449	10.371	ppbv	99
51) 2-Hexanone	10.137	43	2520579	10.515	ppbv #	99
52) Tetrachloroethene	11.230	164	1060109	9.321	ppbv	99
53) Toluene	9.812	91	3703701	9.853	ppbv	100
54) 1,2-Dibromoethane	10.616	107	1841630	10.389	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.134	131	1435301	9.955	ppbv	94
57) Chlorobenzene	12.150	112	2611712	9.693	ppbv	98
58) Ethyl Benzene	12.716	91	4872802	9.912	ppbv	96
59) m/p-Xylene	12.999	91	8060864m	19.517	ppbv	
60) o-Xylene	13.696	91	3757396	9.722	ppbv	97
61) Styrene	13.532	104	2406580	10.221	ppbv	99
62) Isopropylbenzene	14.671	105	5539447	9.549	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.680	83	2418283	9.879	ppbv	100
64) n-propylbenzene	15.565	120	1477521	9.809	ppbv	93
65) tert-Butylbenzene	16.748	119	4736282	9.203	ppbv	97
66) Benzyl Chloride	16.986	91	870946	8.312	ppbv	96
67) sec-Butylbenzene	17.298	105	6831575	9.459	ppbv	99
69) p-Isopropyltoluene	17.654	119	5732202	9.666	ppbv	99
70) n-Butylbenzene	18.552	91	6094697	10.202	ppbv	99
71) 2-Chlorotoluene	15.455	91	4332370	9.932	ppbv	97
72) 4-Ethyltoluene	15.841	105	4619539	10.010	ppbv	99
73) 1,3,5-Trimethylbenzene	15.999	105	4149264	10.008	ppbv	100
74) 1,2,4-Trimethylbenzene	16.767	105	4237669	9.669	ppbv	98
75) 1,3-Dichlorobenzene	17.002	146	2479215	9.743	ppbv	100
76) 1,4-Dichlorobenzene	17.140	146	2416168	9.640	ppbv	99
77) 1,2-Dichlorobenzene	17.822	146	2406003	9.592	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	1661113	8.382	ppbv	98
79) Naphthalene	22.194	128	3451485	10.528	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	845054	10.460	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	1889676	9.849	ppbv	97

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.677 min Scan# 89
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

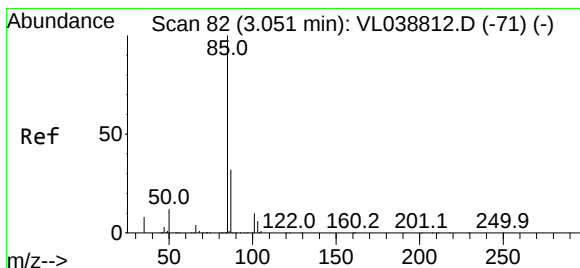
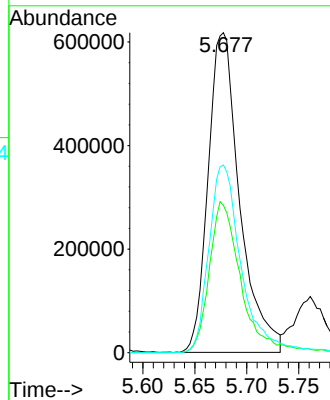
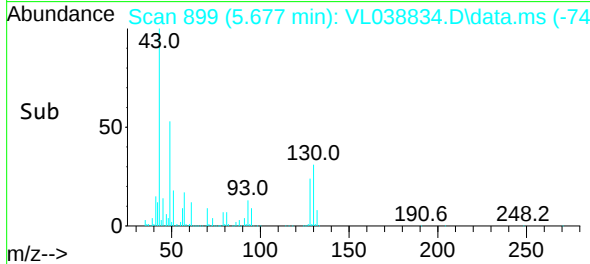
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



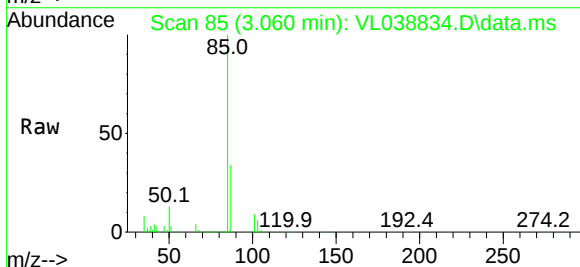
Tgt Ion: 49 Resp: 130662
 Ion Ratio Lower Upper
 49 100
 128 48.2 24.1 72.3
 130 61.4 30.9 92.8

Manual Integrations
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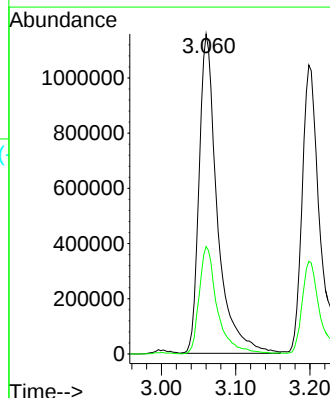
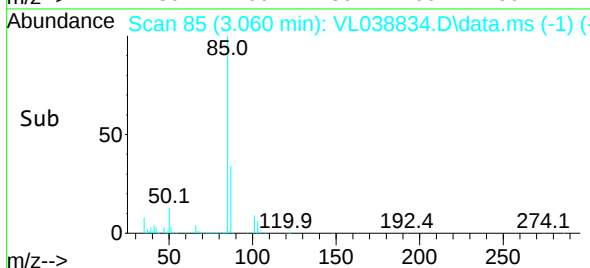
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

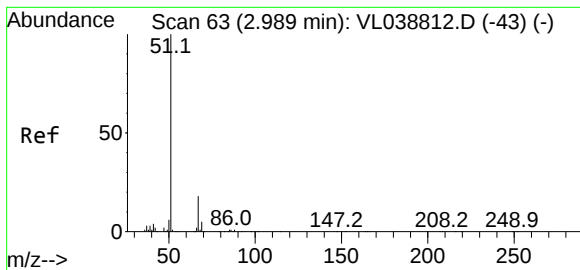


#2
 Dichlorodifluoromethane
 Concen: 10.652 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40



Tgt Ion: 85 Resp: 1974081
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.9 38.9





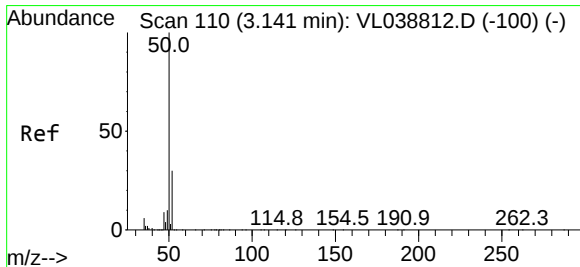
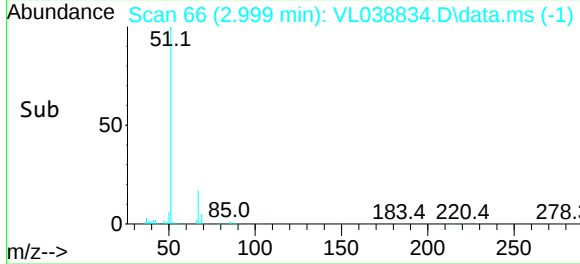
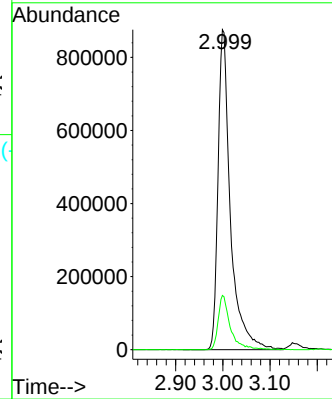
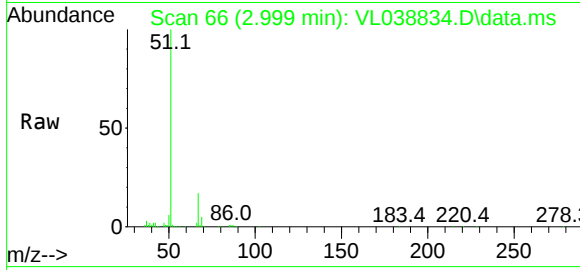
#3
Chlorodifluoromethane
Concen: 9.990 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1593029
Ion Ratio Lower Upper
51 100
67 16.8 13.4 20.0

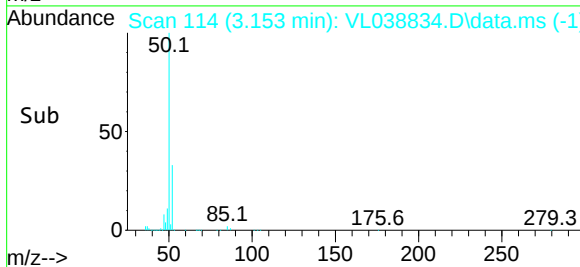
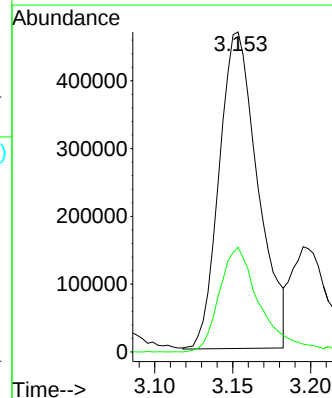
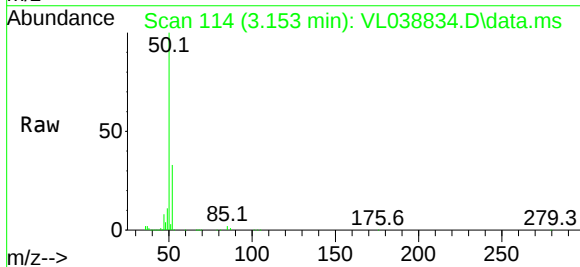
Manual Integrations
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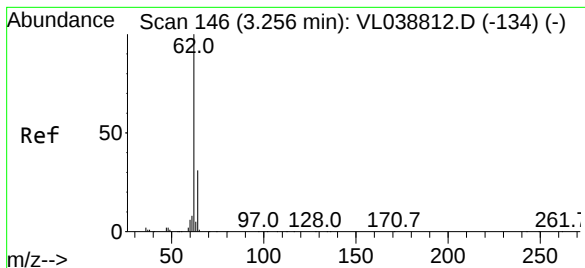
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#4
Chloromethane
Concen: 9.798 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

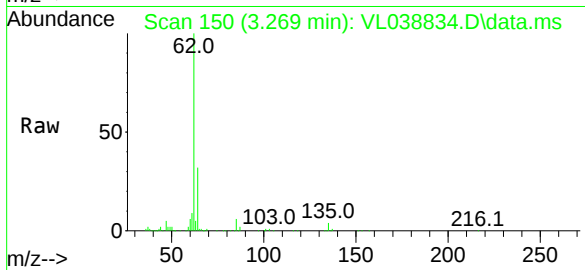
Tgt Ion: 50 Resp: 809053
Ion Ratio Lower Upper
50 100
52 33.1 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.620 ppbv
 RT: 3.269 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

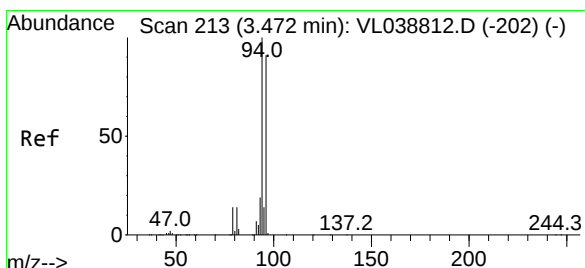
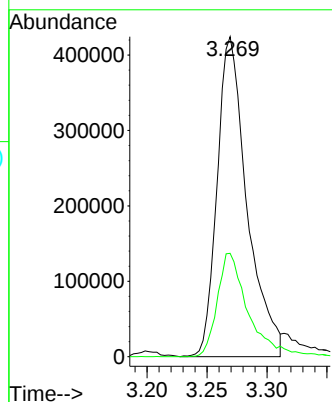
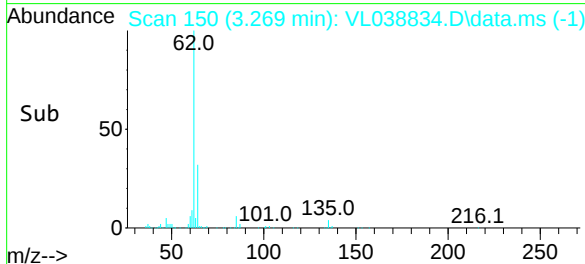
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 73396
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 37.0

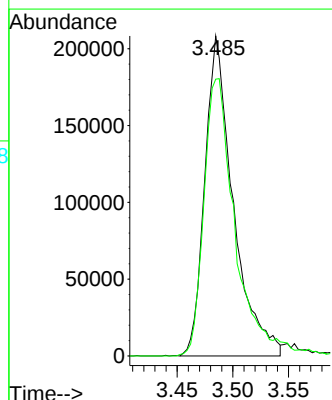
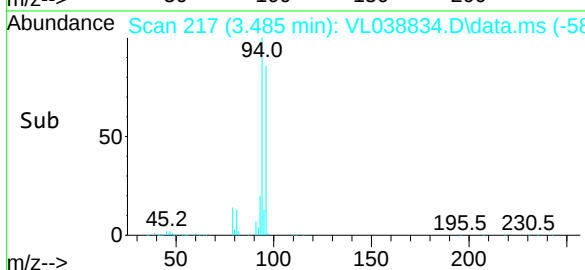
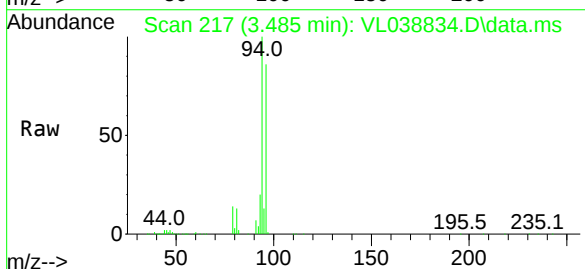
Manual Integrations
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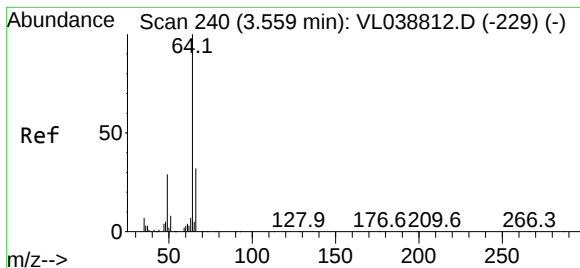
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#6
 Bromomethane
 Concen: 10.011 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

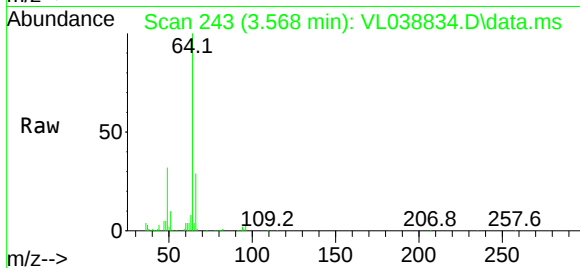
Tgt Ion: 94 Resp: 369542
 Ion Ratio Lower Upper
 94 100
 96 86.1 73.2 109.8





#7
Chloroethane
Concen: 10.014 ppbv
RT: 3.568 min Scan# 240
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

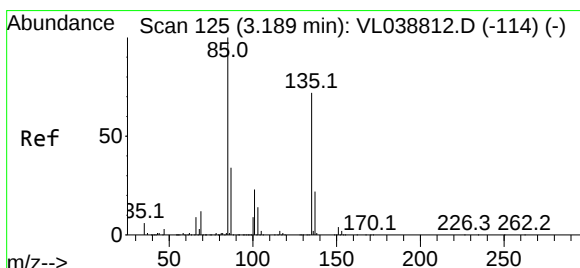
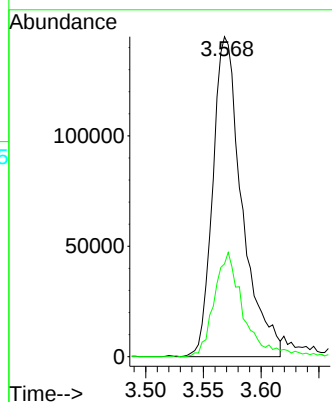
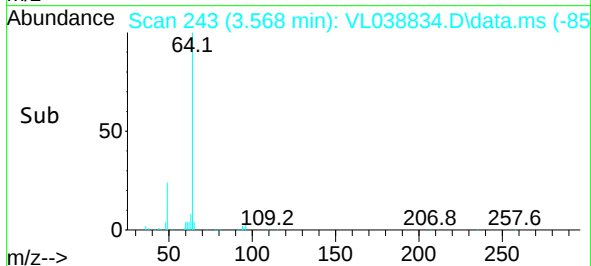
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 254777
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.2

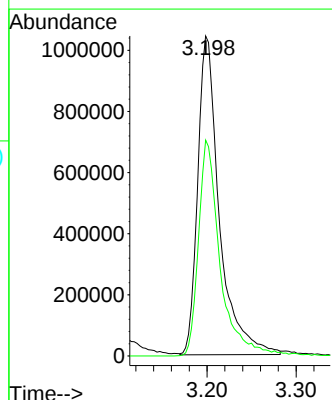
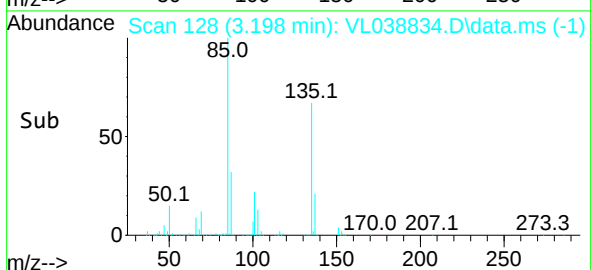
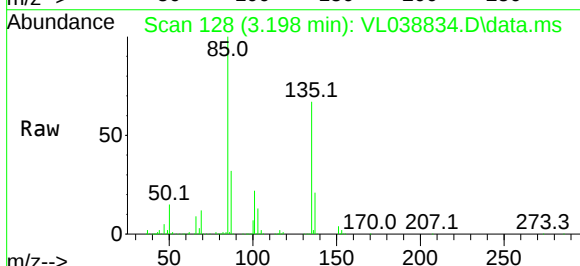
Manual Integrations
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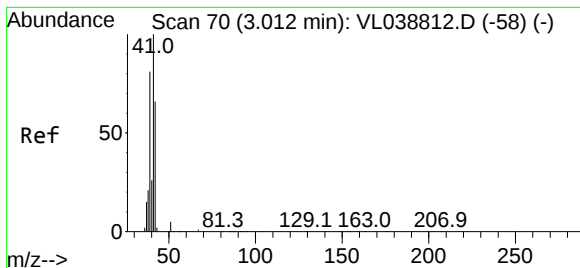
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#8
Dichlorotetrafluoroethane
Concen: 10.193 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 85 Resp: 1764747
Ion Ratio Lower Upper
85 100
135 68.2 57.0 85.6





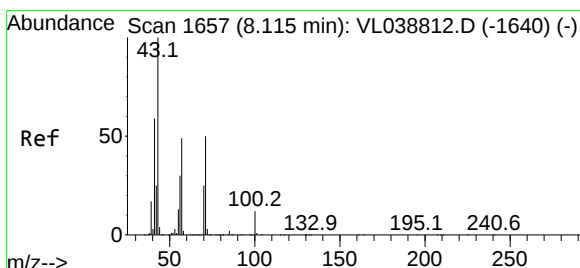
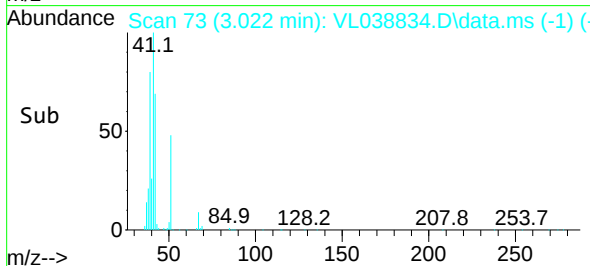
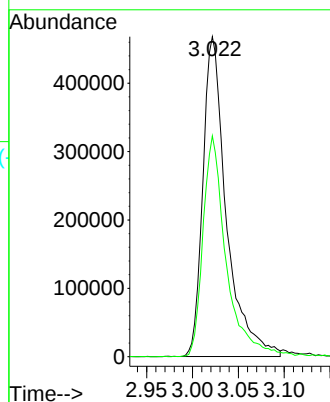
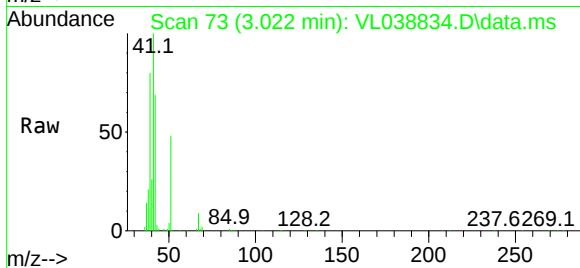
#9
 Propene
 Concen: 9.880 ppbv
 RT: 3.022 min Scan# 70
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 83355
 Ion Ratio Lower Upper
 41 100
 42 68.9 54.2 81.4

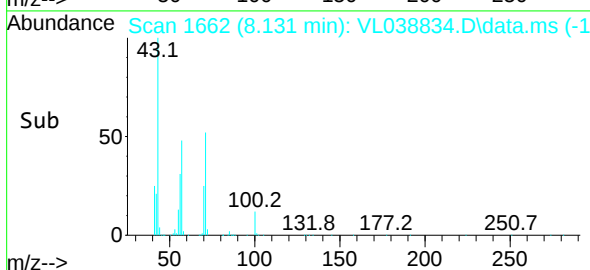
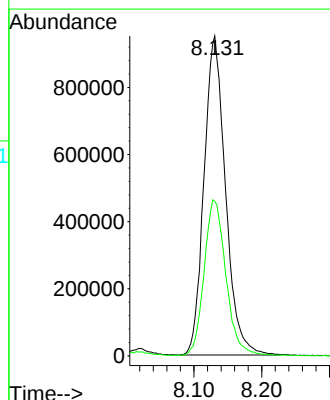
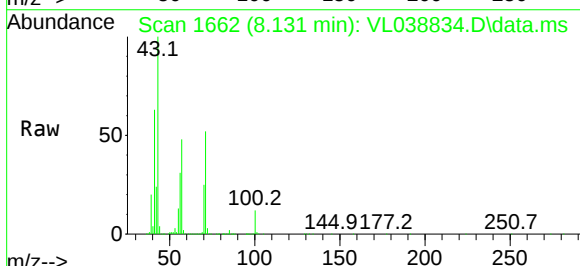
Manual Integrations
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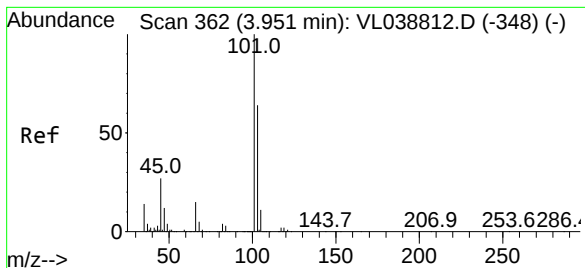
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#10
 Heptane
 Concen: 9.850 ppbv
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.016 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

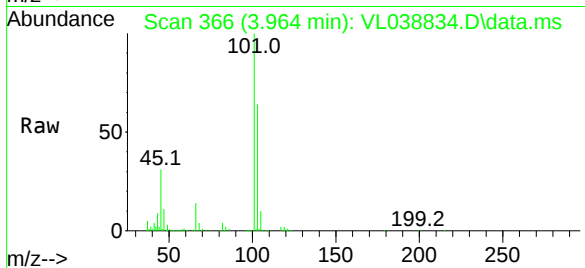
Tgt Ion: 43 Resp: 2093314
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.3 58.9





#11
Trichlorofluoromethane
Concen: 10.323 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

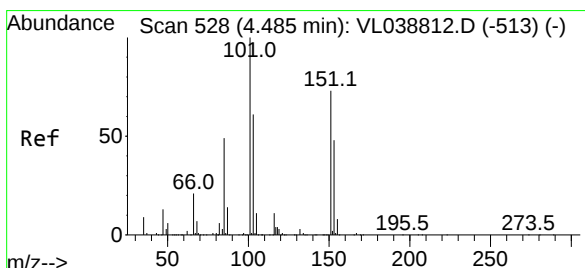
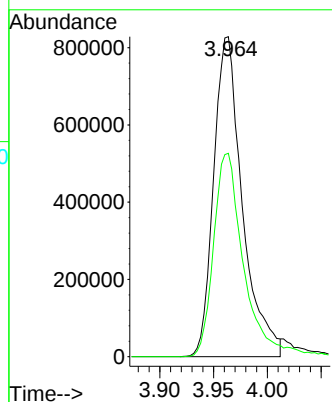
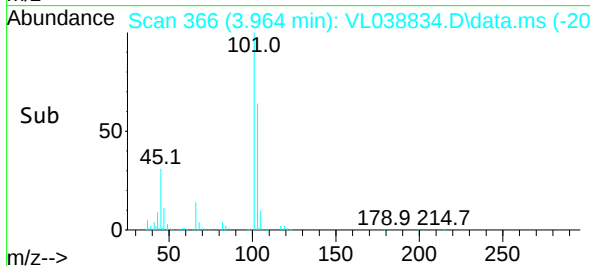
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1537408
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0

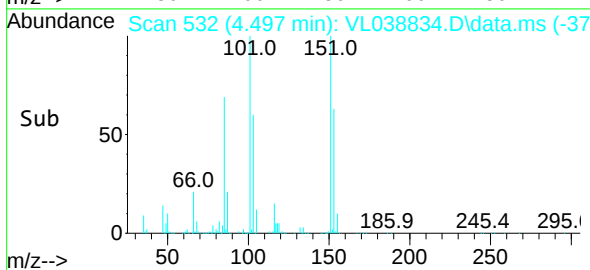
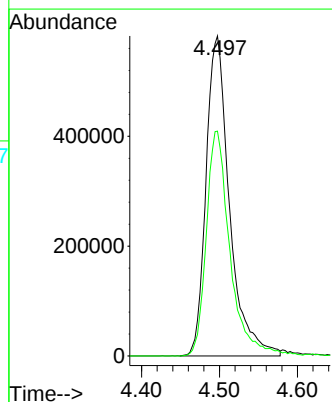
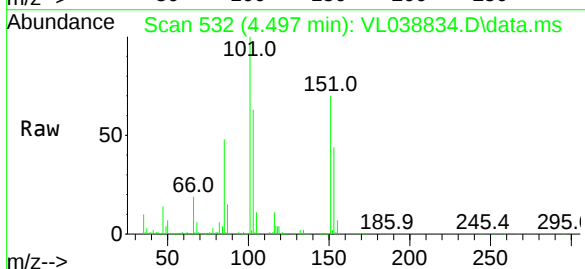
Manual Integrations
APPROVED

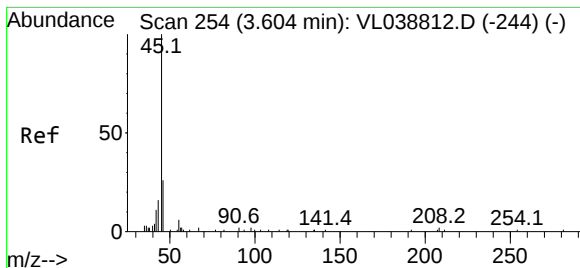
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.673 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

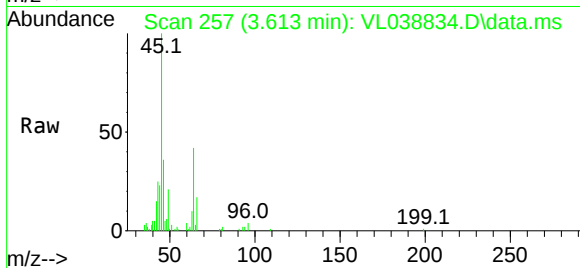
Tgt Ion:101 Resp: 1217611
Ion Ratio Lower Upper
101 100
151 71.5 59.9 89.9





#13
Ethanol
Concen: 9.907 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

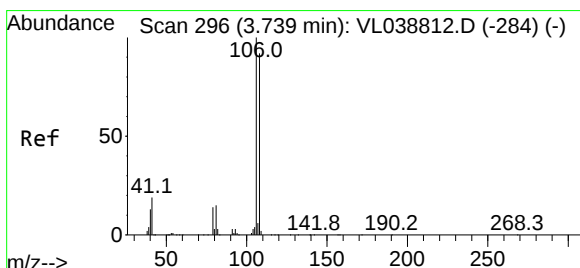
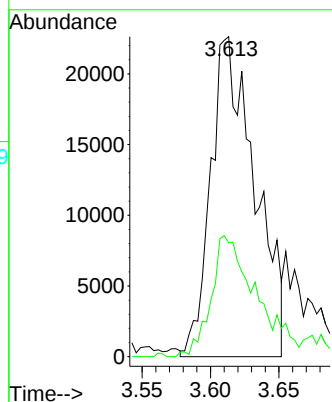
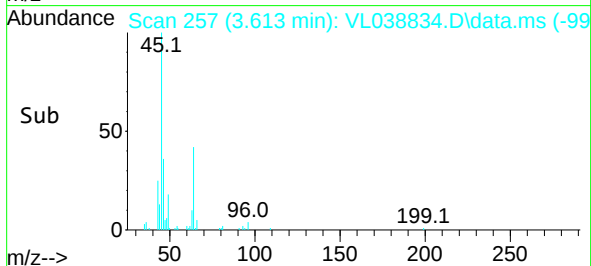
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



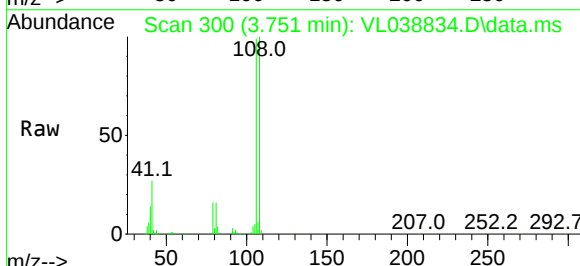
Tgt Ion: 45 Resp: 5079
Ion Ratio Lower Upper
45 100
46 44.2 0.0 0.0

Manual Integrations
APPROVED

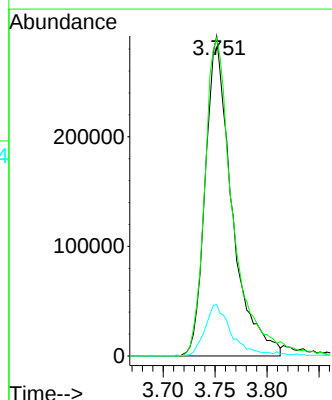
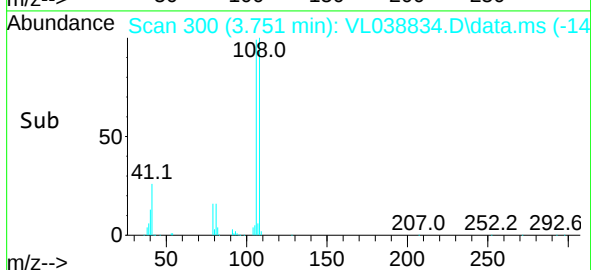
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

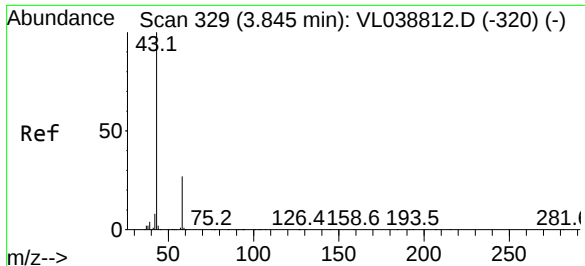


#14
Bromoethene
Concen: 10.294 ppbv
RT: 3.751 min Scan# 300
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



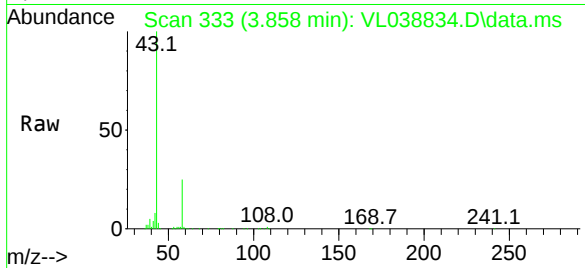
Tgt Ion:108 Resp: 516436
Ion Ratio Lower Upper
108 100
106 107.1 91.5 137.3
79 16.9 13.7 20.5





#15
Acetone
Concen: 9.469 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

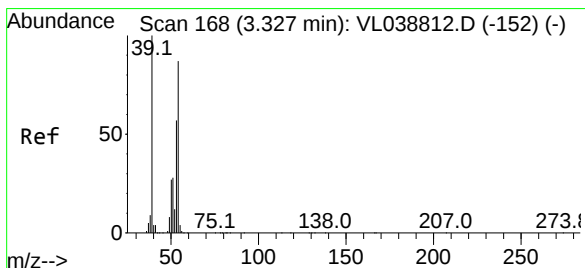
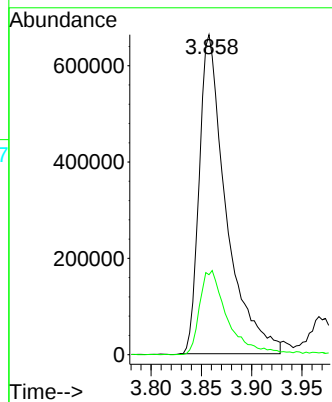
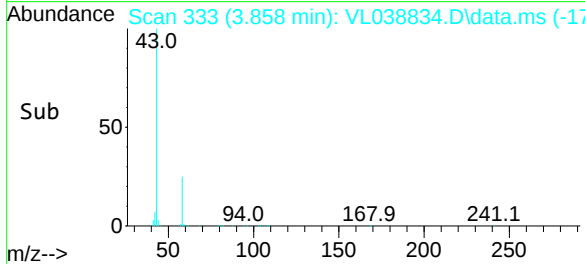
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



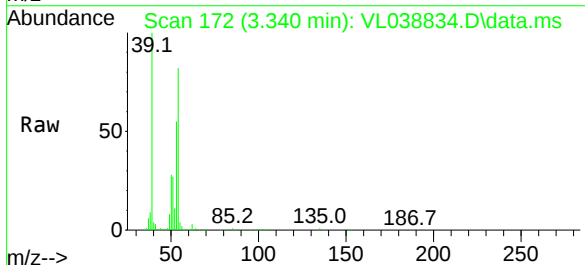
Tgt Ion: 43 Resp: 123184
Ion Ratio Lower Upper
43 100
58 27.7 22.5 33.7

Manual Integrations
APPROVED

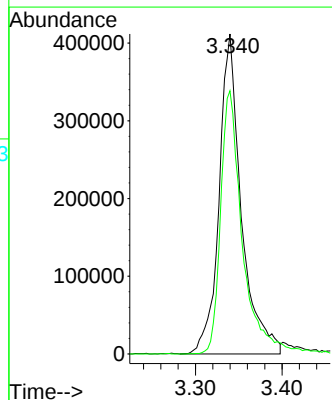
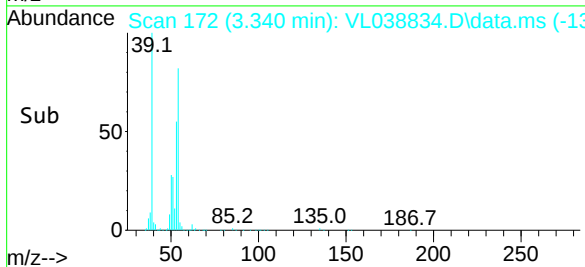
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

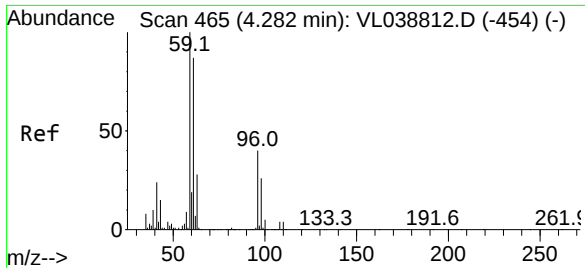


#16
1,3-Butadiene
Concen: 9.860 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



Tgt Ion: 39 Resp: 733261
Ion Ratio Lower Upper
39 100
54 81.7 64.8 97.2





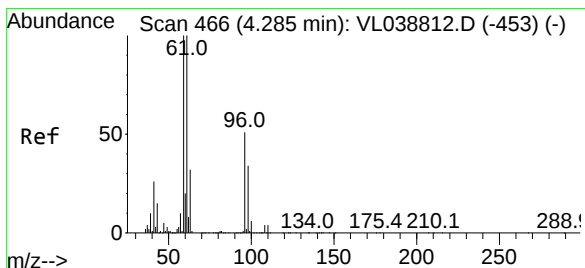
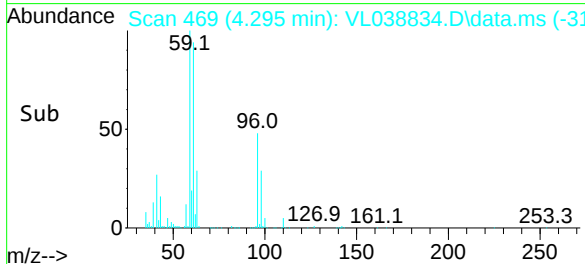
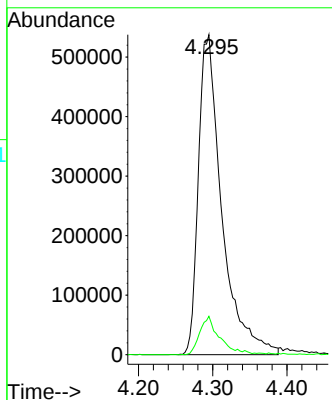
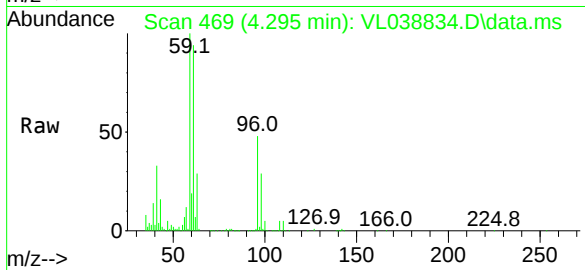
#17
tert-Butyl alcohol
Concen: 10.095 ppbv
RT: 4.295 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 117766
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

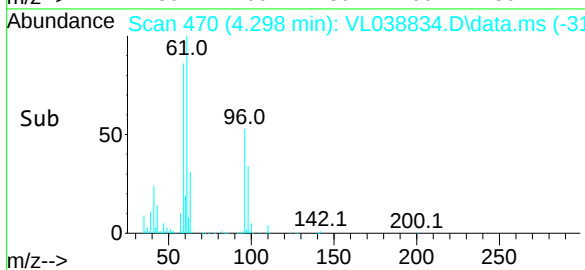
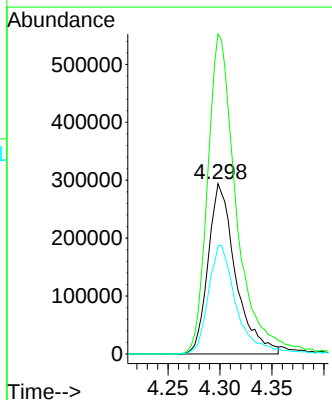
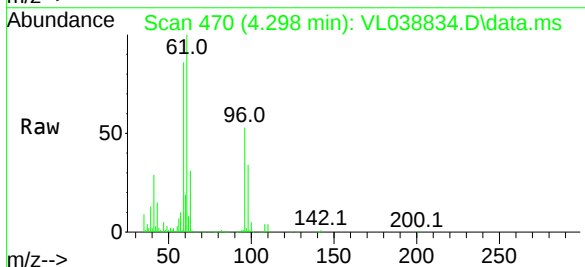
Manual Integrations
APPROVED

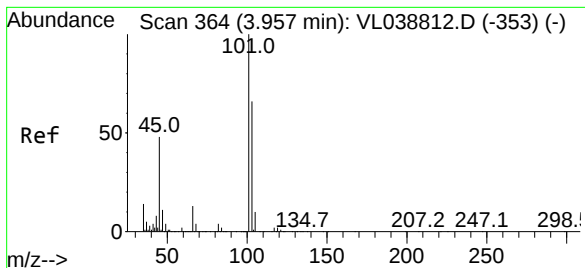
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#18
1,1-Dichloroethene
Concen: 10.383 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

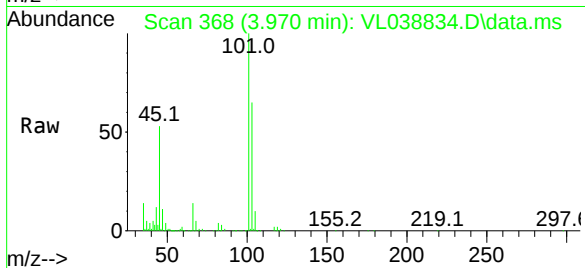
Tgt Ion: 96 Resp: 539951
Ion Ratio Lower Upper
96 100
61 188.0 156.1 234.1
98 63.4 53.0 79.6





#19
Isopropyl Alcohol
Concen: 10.435 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

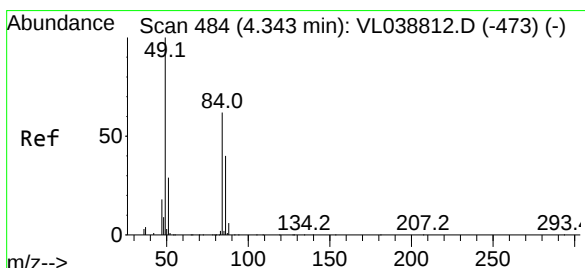
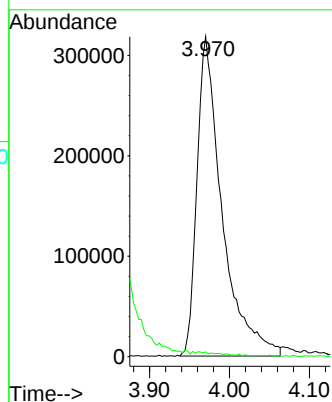
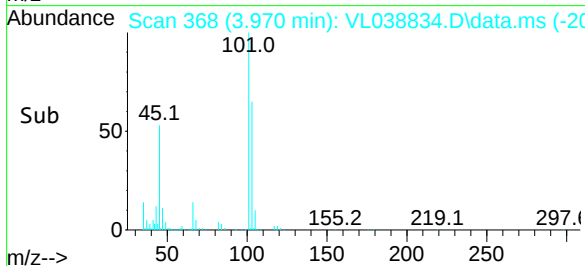
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



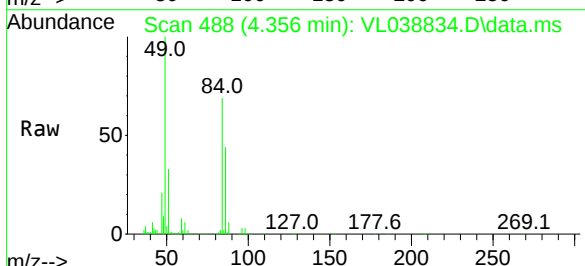
Tgt Ion: 45 Resp: 69380
Ion Ratio Lower Upper
45 100
58 51.0 0.0 0.0

Manual Integrations
APPROVED

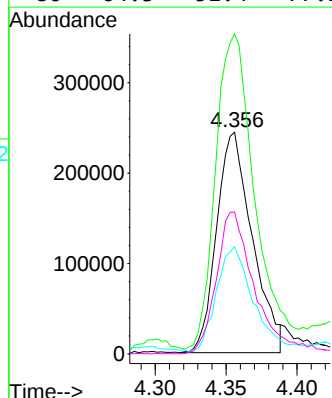
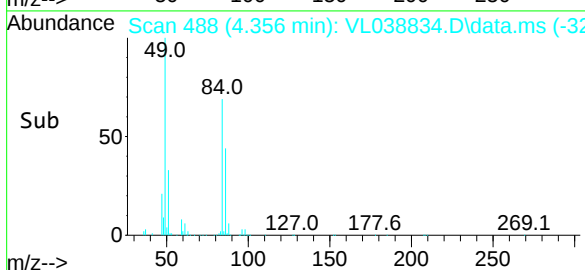
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

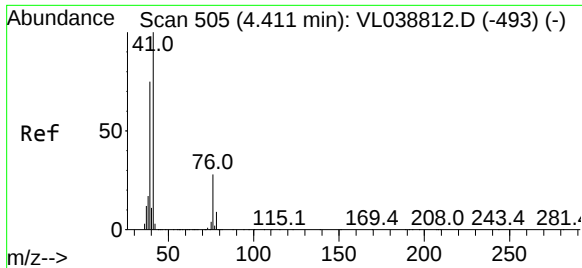


#20
Methylene Chloride
Concen: 9.075 ppbv
RT: 4.356 min Scan# 488
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



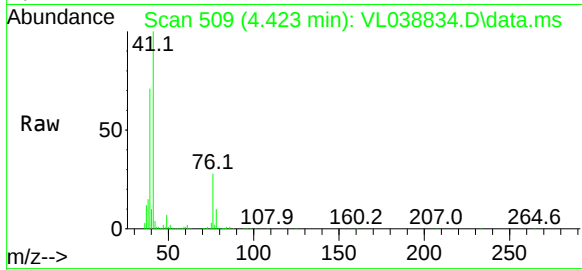
Tgt Ion: 84 Resp: 428150
Ion Ratio Lower Upper
84 100
49 142.4 129.4 194.0
51 46.8 37.4 56.2
86 64.3 51.4 77.2





#21
 Allyl Chloride
 Concen: 9.938 ppbv
 RT: 4.423 min Scan# 509
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

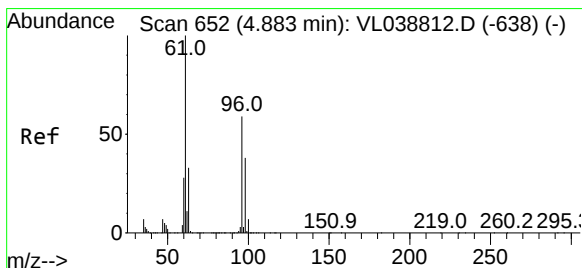
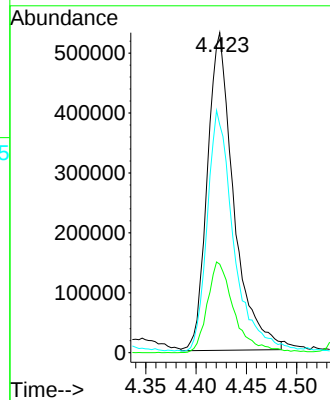
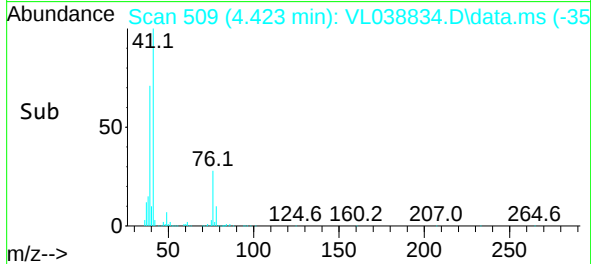
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



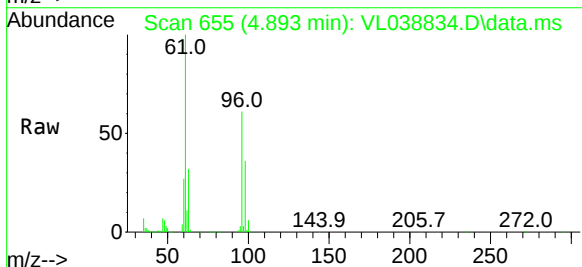
Tgt Ion: 41 Resp: 967994
 Ion Ratio Lower Upper
 41 100
 76 29.3 23.7 35.5
 39 76.0 62.0 93.0

Manual Integrations
 APPROVED

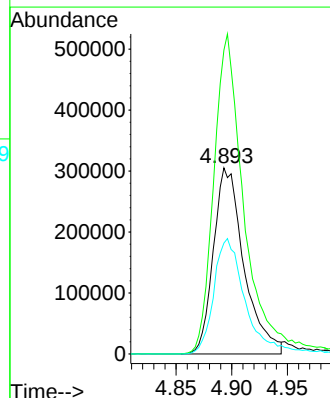
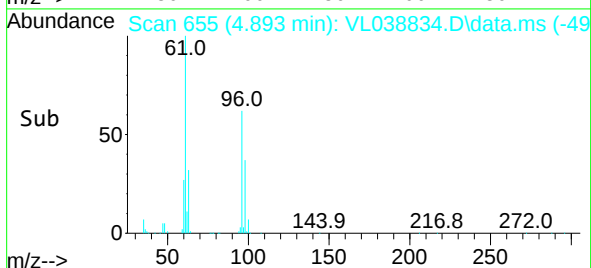
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

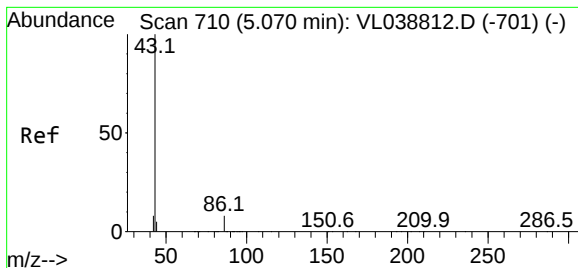


#22
 trans-1,2-Dichloroethene
 Concen: 11.056 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40



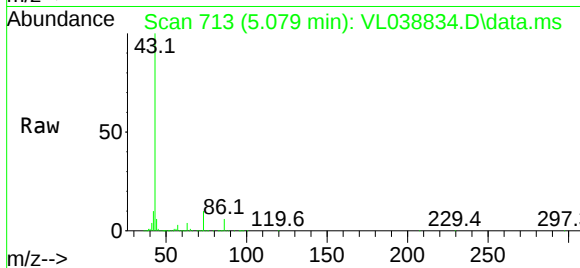
Tgt Ion: 96 Resp: 582130
 Ion Ratio Lower Upper
 96 100
 61 163.2 134.8 202.2
 98 59.6 51.9 77.9





#23
 Vinyl Acetate
 Concen: 10.880 ppbv
 RT: 5.079 min Scan# 710
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

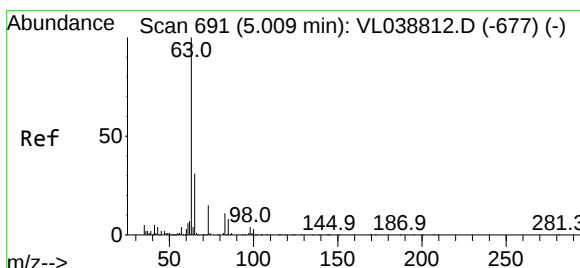
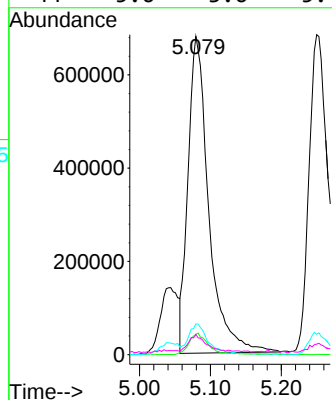
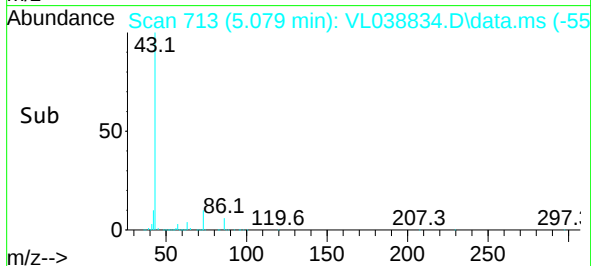


Tgt Ion: 43 Resp: 137828

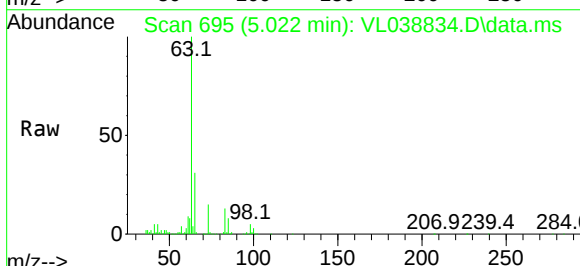
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	9.4	7.8	11.6
44	5.6	3.6	5.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

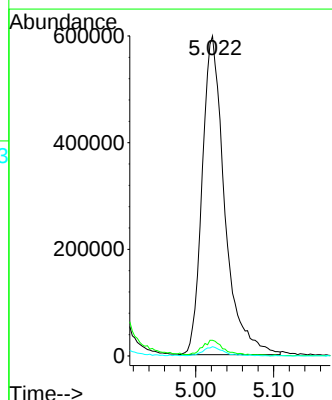
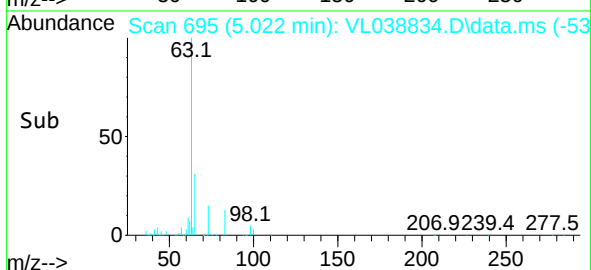


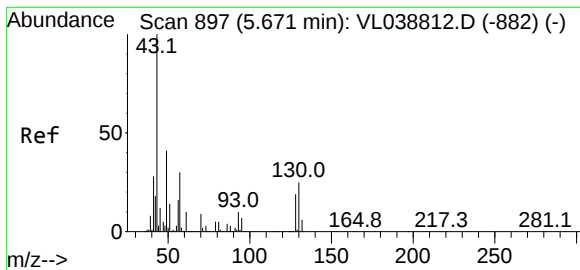
#24
 1,1-Dichloroethane
 Concen: 10.448 ppbv
 RT: 5.022 min Scan# 695
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40



Tgt Ion: 63 Resp: 1196081

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.2	6.6
100	2.9	1.4	4.0





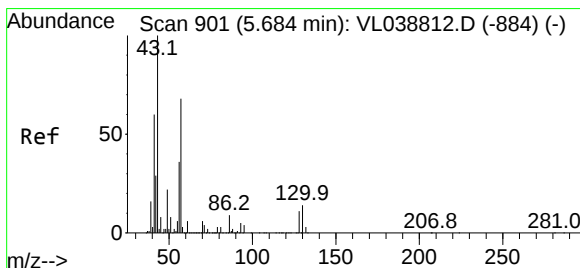
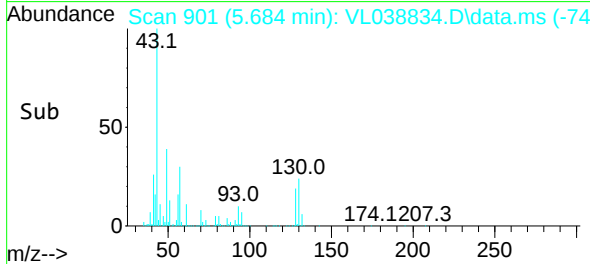
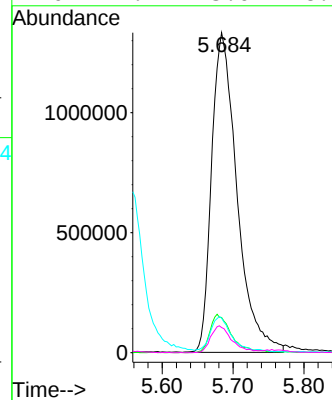
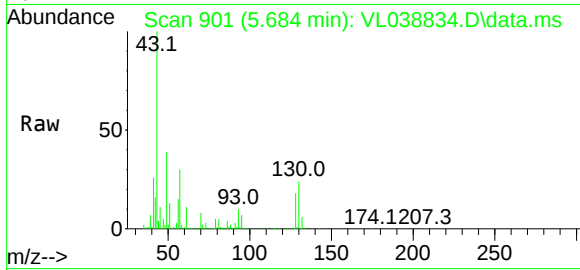
#25
Ethyl Acetate
Concen: 10.060 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 332051
Ion Ratio Lower Upper
43 100
45 10.4 8.4 12.6
61 9.3 7.9 11.9
70 7.1 5.6 8.4

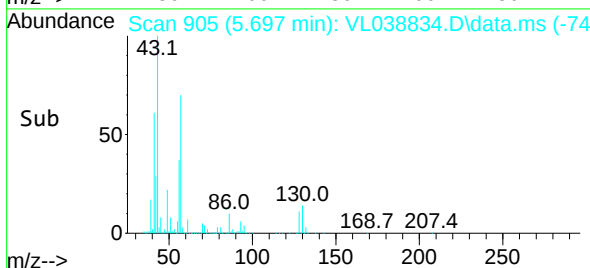
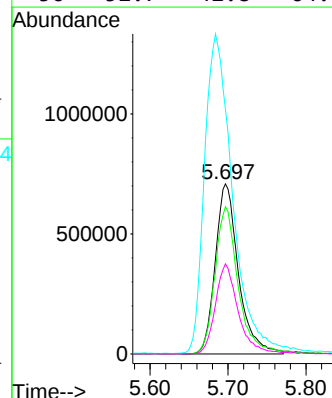
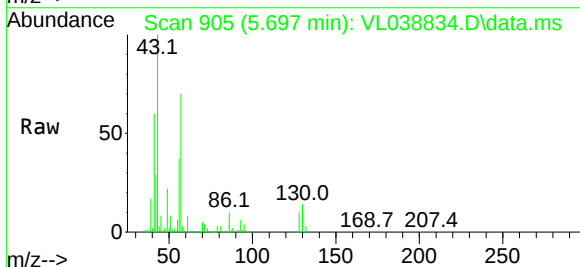
Manual Integrations
APPROVED

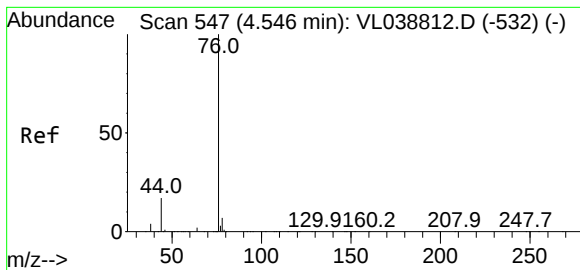
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#26
Hexane
Concen: 9.771 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 57 Resp: 1467965
Ion Ratio Lower Upper
57 100
41 87.7 72.0 108.0
43 231.1 186.6 280.0
56 52.7 42.8 64.2





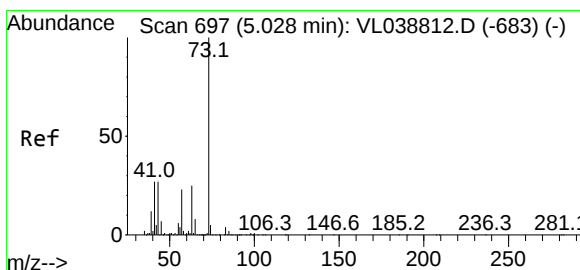
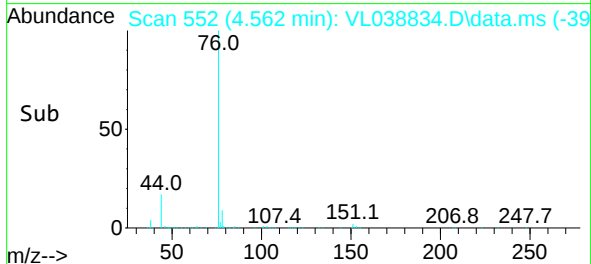
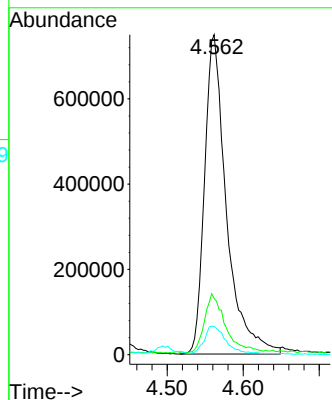
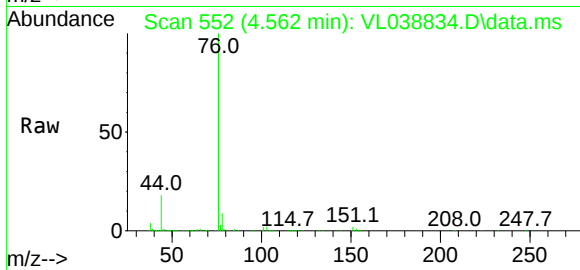
#27
Carbon Disulfide
Concen: 10.878 ppbv
RT: 4.562 min Scan# 51
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 149876
Ion Ratio Lower Upper
76 100
44 18.9 15.7 23.5
78 9.6 7.8 11.8

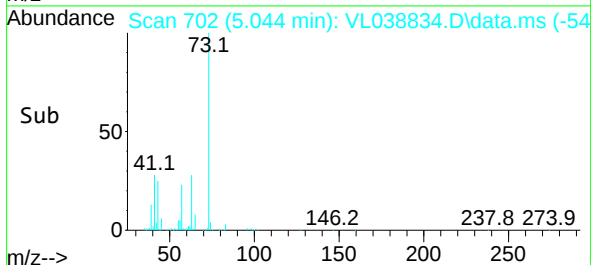
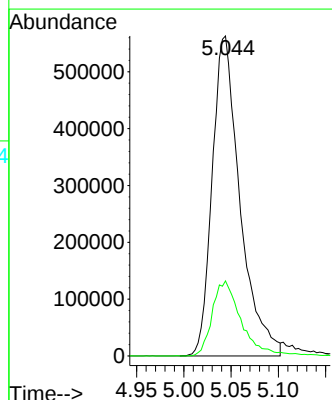
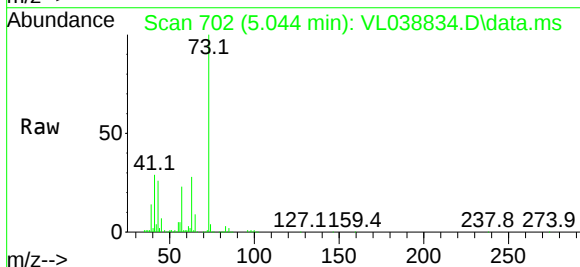
Manual Integrations
APPROVED

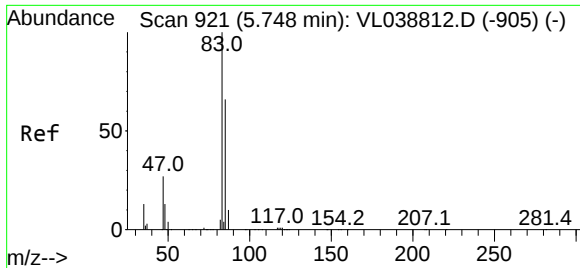
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#28
Methyl tert-Butyl Ether
Concen: 9.922 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

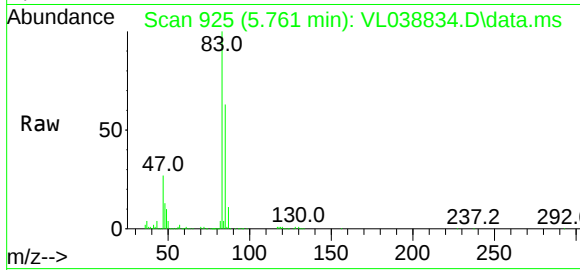
Tgt Ion: 73 Resp: 1151374
Ion Ratio Lower Upper
73 100
57 24.7 19.7 29.5





#29
Chloroform
Concen: 10.393 ppbv
RT: 5.761 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

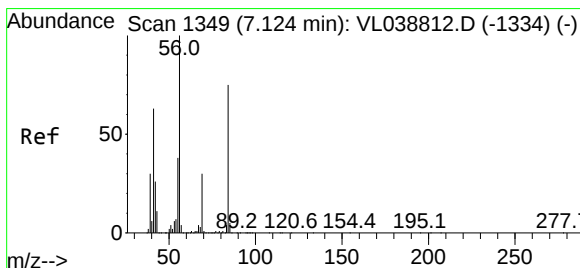
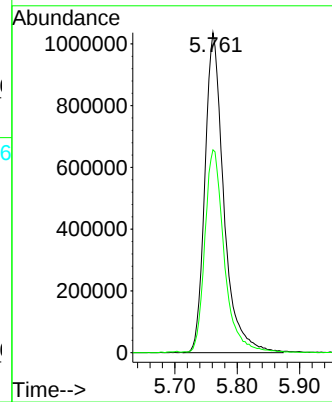
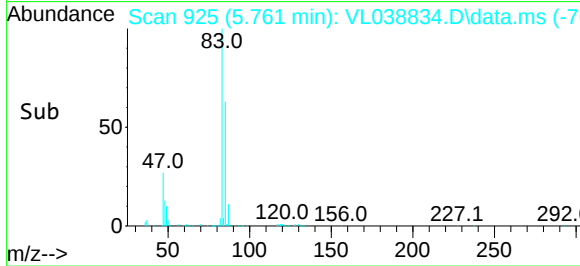
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



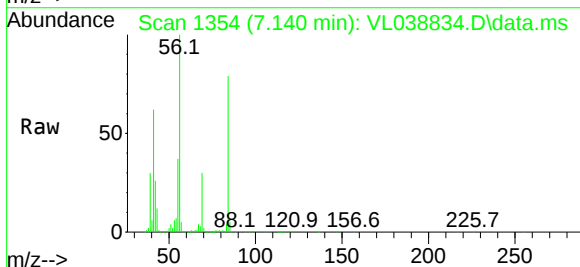
Tgt Ion: 83 Resp: 218468
Ion Ratio Lower Upper
83 100
85 63.1 52.5 78.7

Manual Integrations
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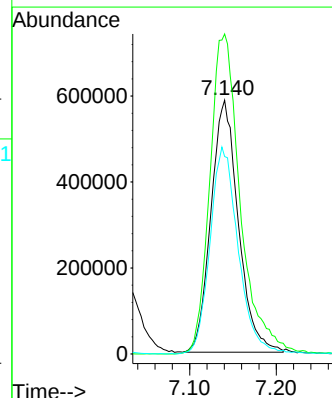
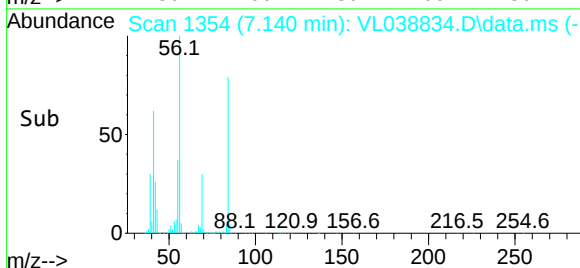
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

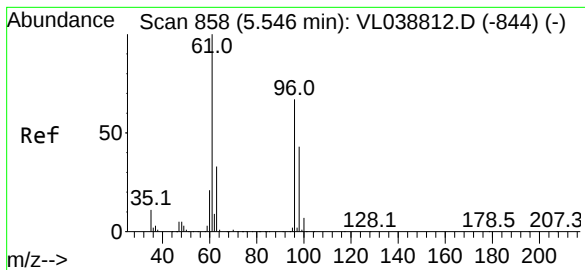


#30
Cyclohexane
Concen: 9.738 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



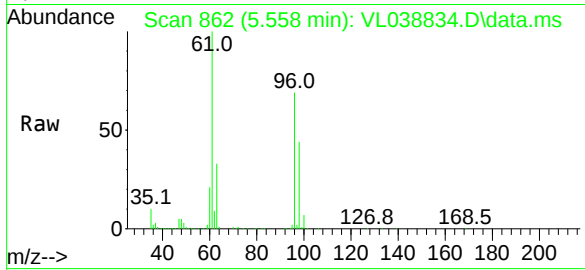
Tgt Ion: 84 Resp: 1289411
Ion Ratio Lower Upper
84 100
56 141.6 114.4 171.6
41 85.3 69.0 103.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.897 ppbv
 RT: 5.558 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

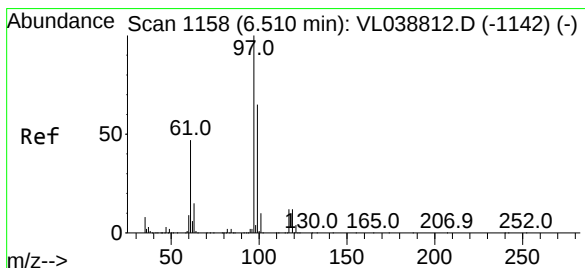
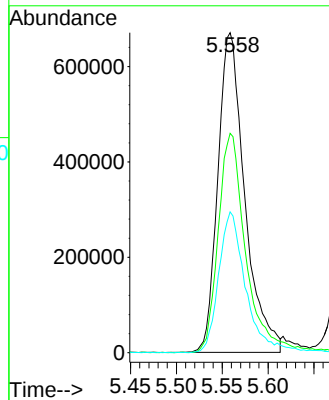
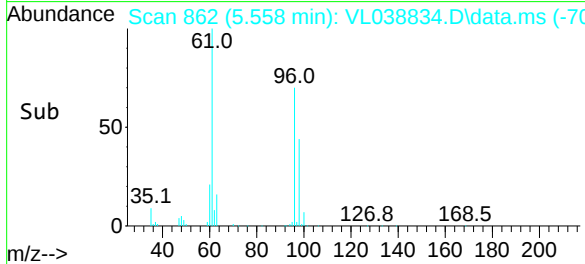
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



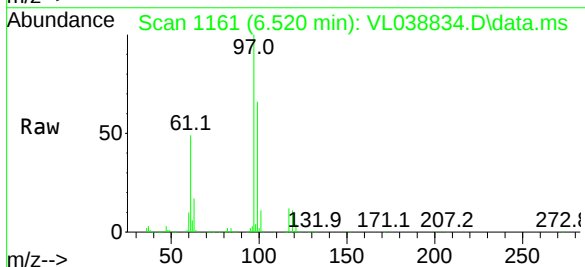
Tgt Ion: 61 Resp: 1367150
 Ion Ratio Lower Upper
 61 100
 96 68.5 53.4 80.0
 98 44.0 34.2 51.4

Manual Integrations
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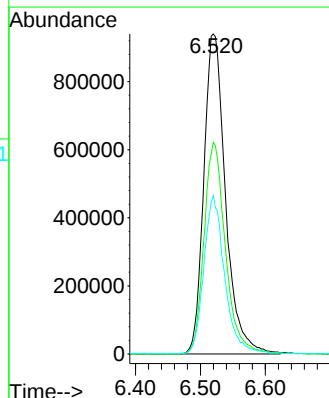
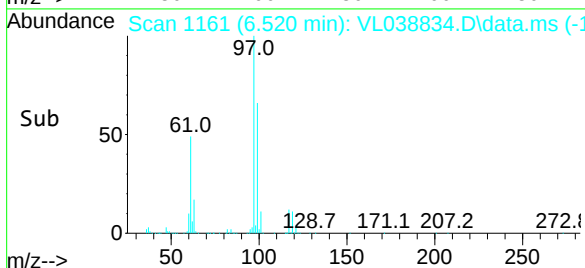
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

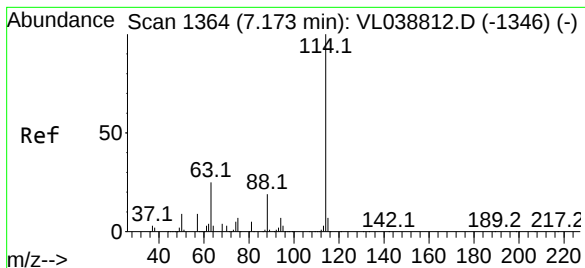


#32
 1,1,1-Trichloroethane
 Concen: 10.323 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40



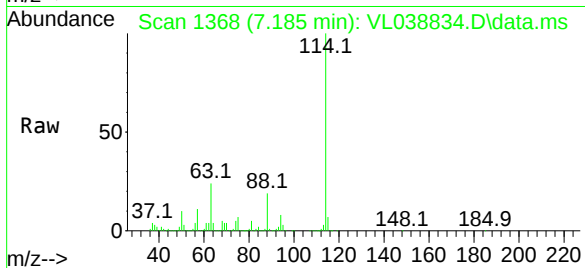
Tgt Ion: 97 Resp: 2186436
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.4 78.6
 61 47.6 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

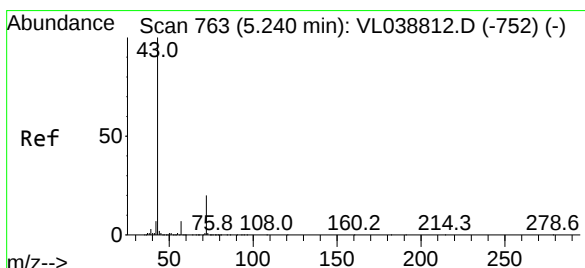
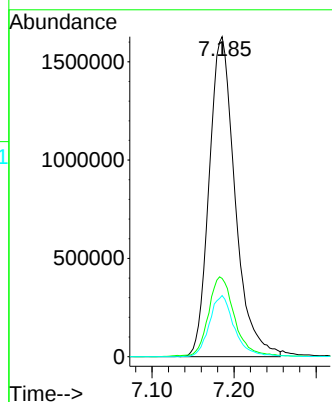
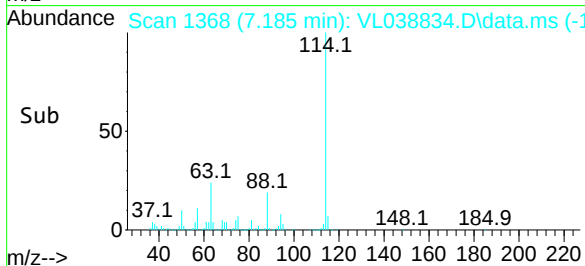
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 357934
Ion Ratio Lower Upper
114 100
63 25.4 19.8 29.8
88 18.6 14.2 21.4

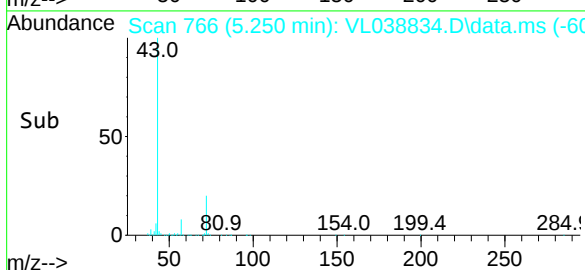
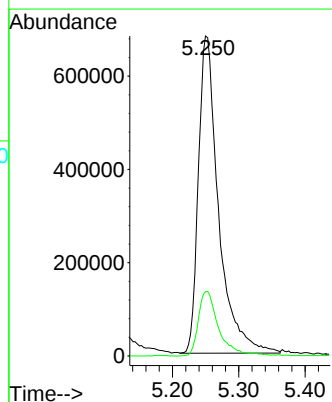
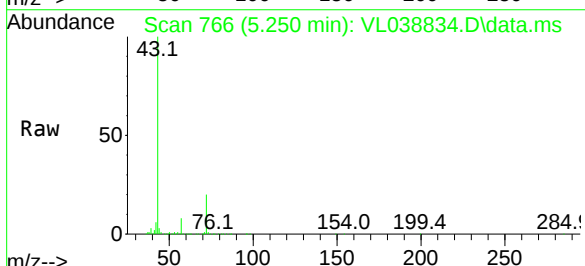
Manual Integrations
APPROVED

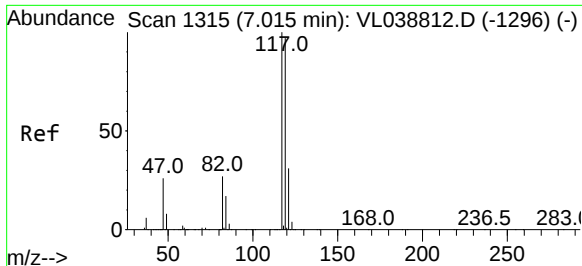
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#34
2-Butanone
Concen: 10.153 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

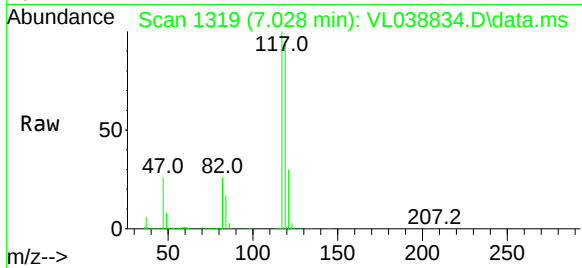
Tgt Ion: 43 Resp: 1436071
Ion Ratio Lower Upper
43 100
72 20.9 16.9 25.3





#35
Carbon Tetrachloride
Concen: 10.383 ppbv
RT: 7.028 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

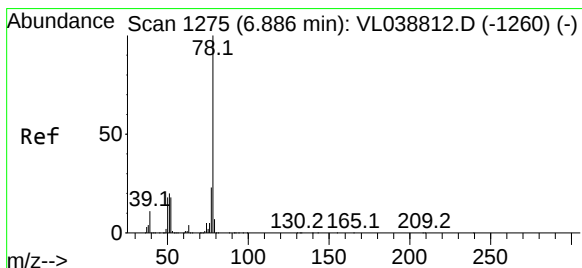
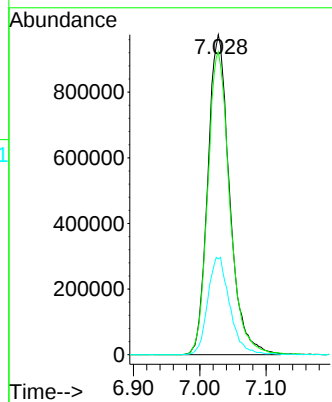
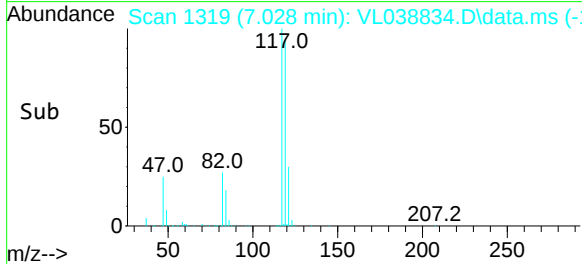
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



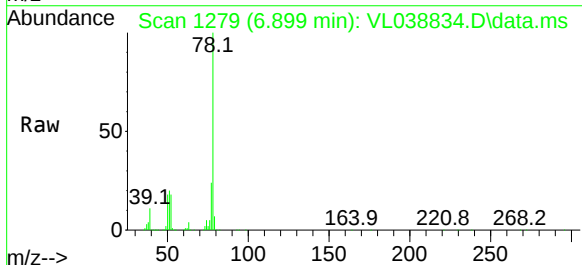
Tgt Ion:117 Resp: 222802
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5
121 29.8 24.5 36.7

Manual Integrations
APPROVED

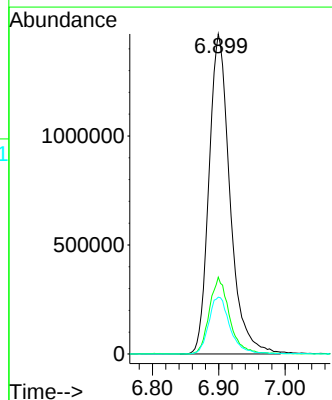
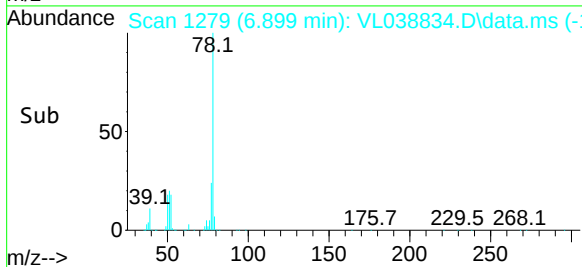
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

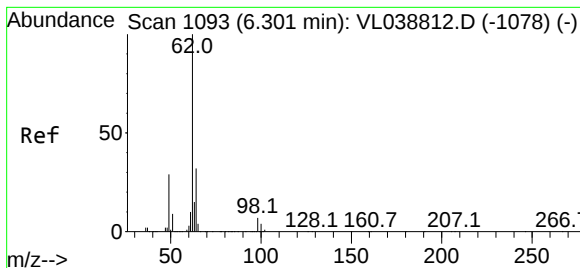


#36
Benzene
Concen: 9.901 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



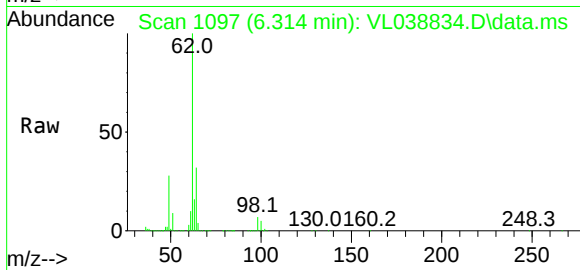
Tgt Ion: 78 Resp: 3224049
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.2
50 17.7 14.0 21.0





#37
1,2-Dichloroethane
Concen: 10.716 ppbv
RT: 6.314 min Scan# 1093
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

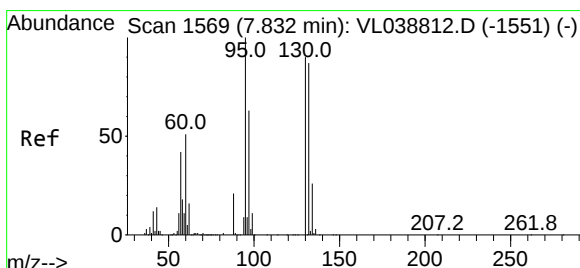
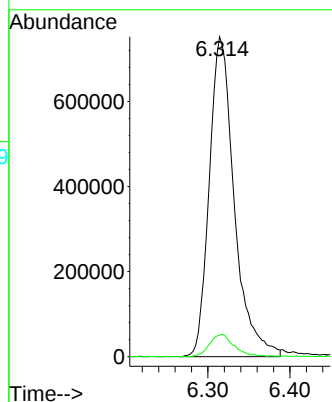
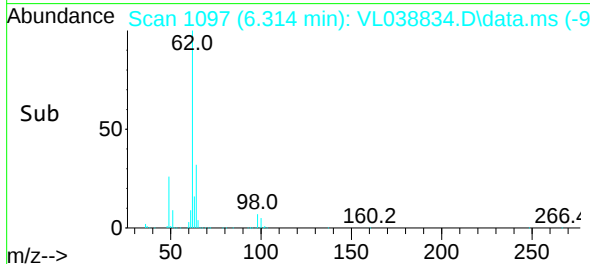
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1595290
Ion Ratio Lower Upper
62 100
98 6.8 5.9 8.9

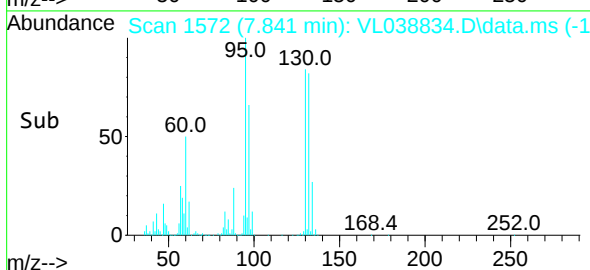
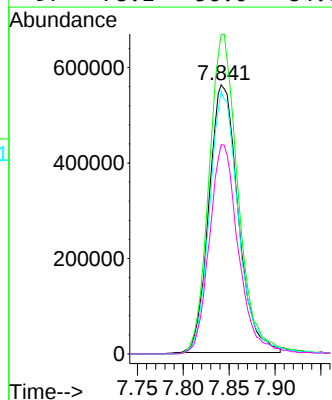
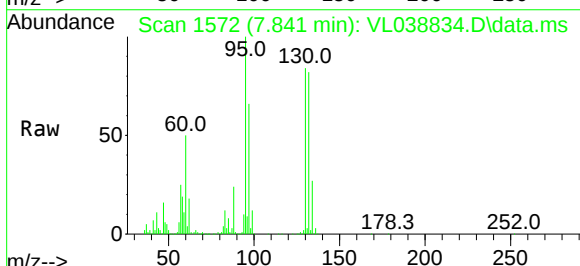
Manual Integrations
APPROVED

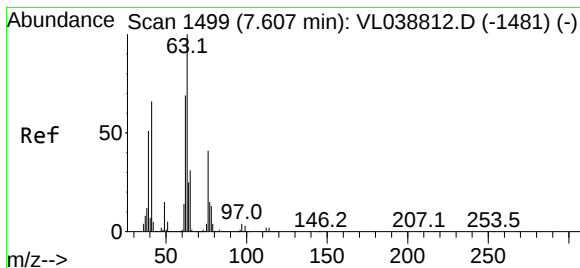
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#38
Trichloroethene
Concen: 9.291 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

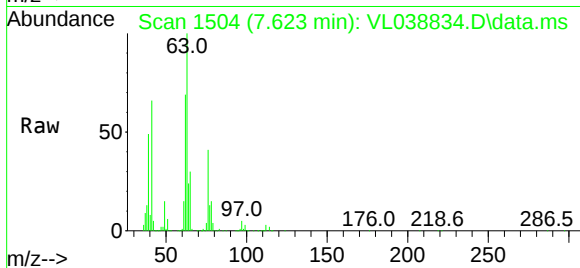
Tgt Ion:130 Resp: 1241386
Ion Ratio Lower Upper
130 100
95 119.1 89.4 134.0
132 97.8 77.7 116.5
97 78.1 56.0 84.0





#39
1,2-Dichloropropane
Concen: 10.051 ppbv
RT: 7.623 min Scan# 1499
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

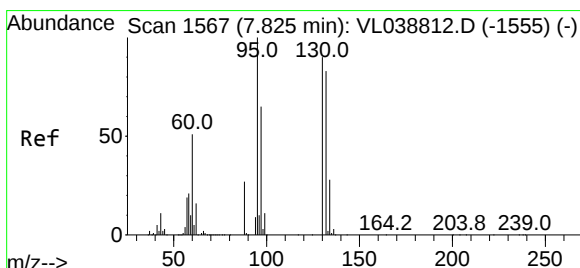
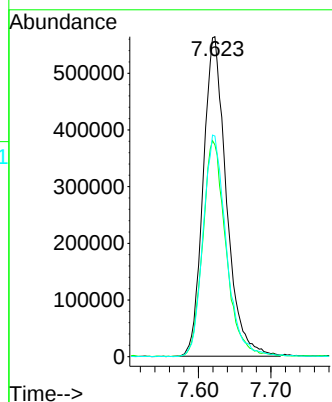
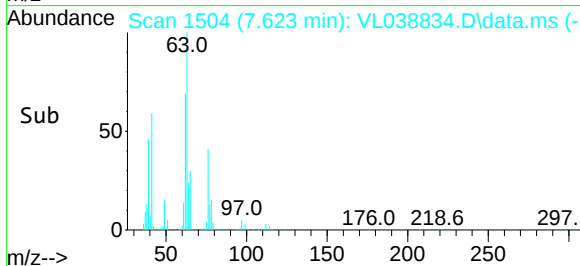


Tgt Ion: 63 Resp: 125176

Ion	Ratio	Lower	Upper
63	100		
41	66.1	53.0	79.6
62	68.9	55.0	82.4

Manual Integrations
APPROVED

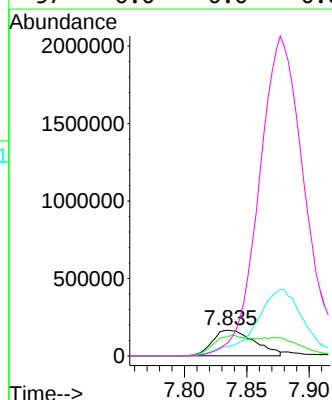
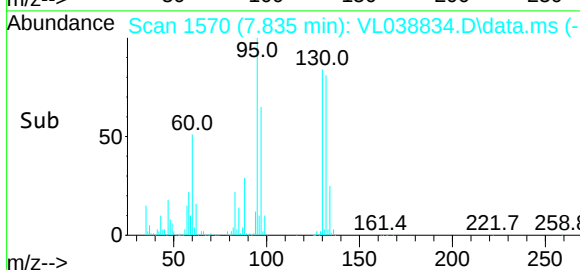
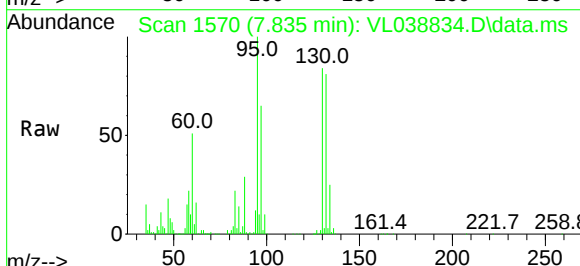
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

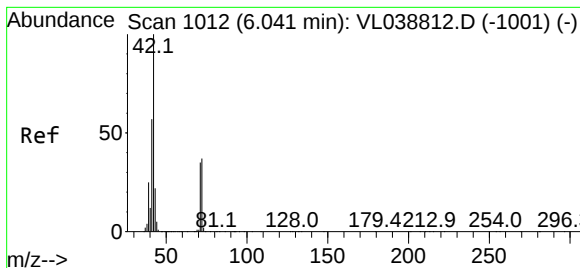


#40
1,4-Dioxane
Concen: 9.146 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion: 88 Resp: 386806

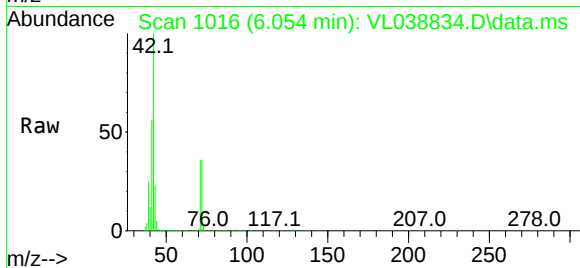
Ion	Ratio	Lower	Upper
88	100		
58	147.4	49.4	74.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.014 ppbv
RT: 6.054 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

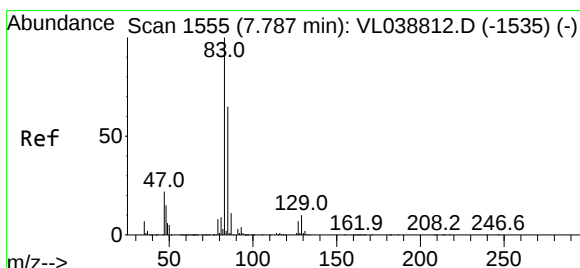
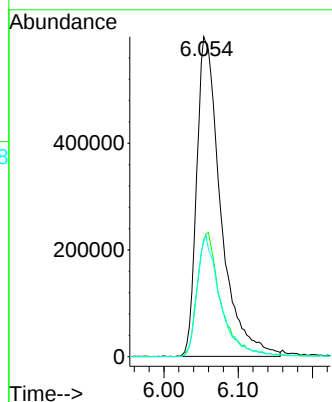
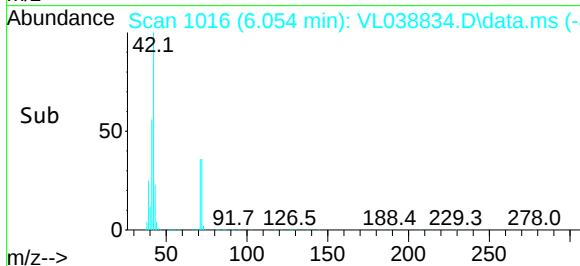
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1345150
Ion Ratio Lower Upper
42 100
72 38.7 31.4 47.0
71 37.2 30.2 45.4

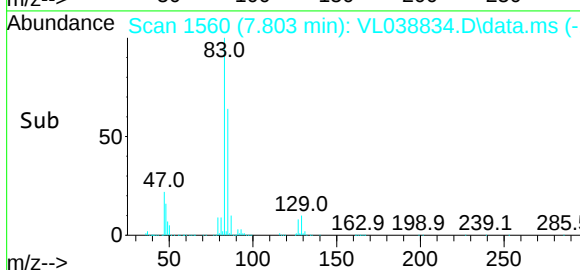
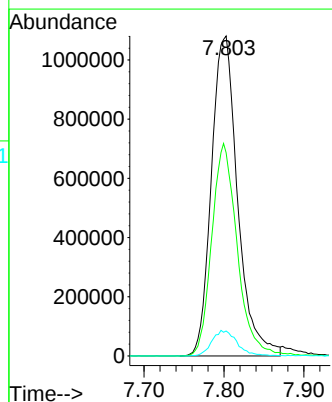
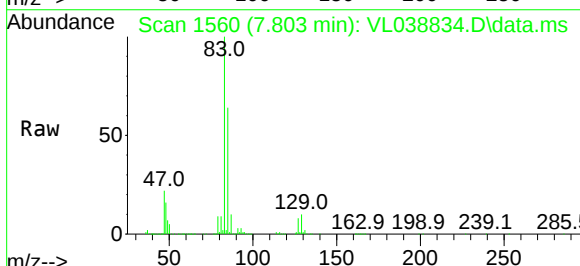
Manual Integrations
APPROVED

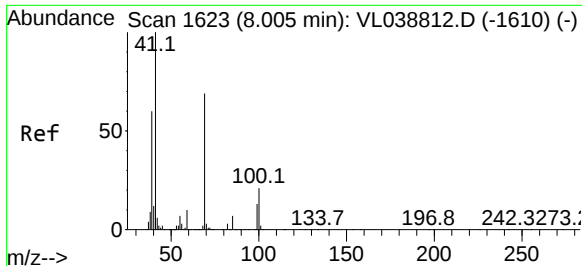
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#42
Bromodichloromethane
Concen: 10.481 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

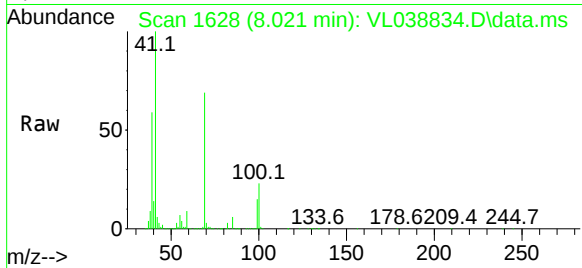
Tgt Ion: 83 Resp: 2463951
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5
127 7.8 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.443 ppbv
RT: 8.021 min Scan# 1623
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

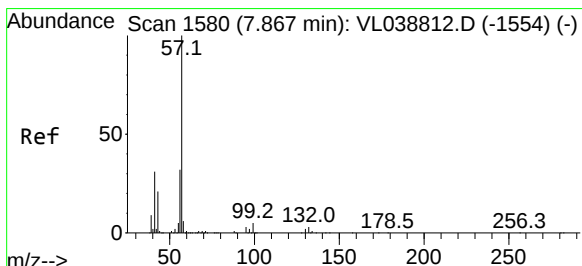
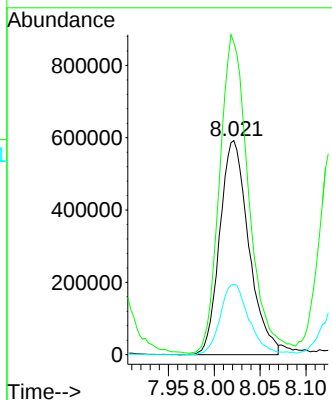
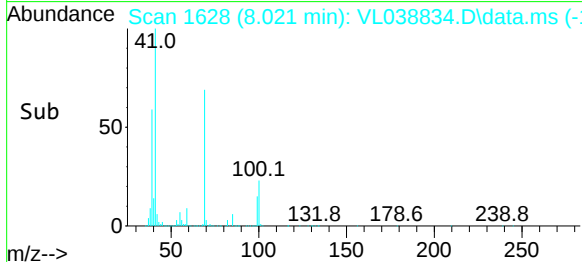
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



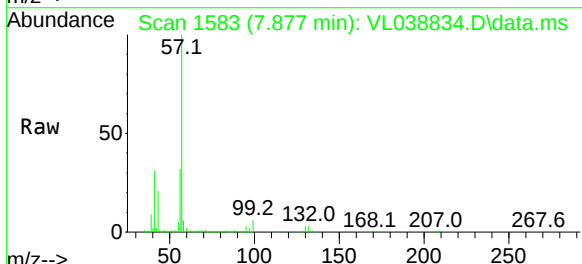
Tgt Ion: 69 Resp: 1302440
Ion Ratio Lower Upper
69 100
41 150.1 119.0 178.4
100 33.0 26.4 39.6

Manual Integrations
APPROVED

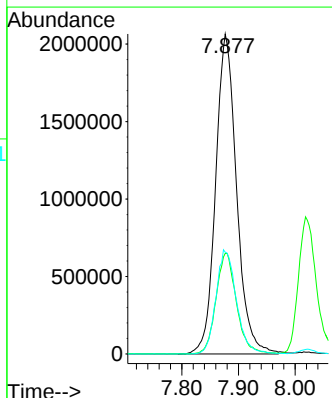
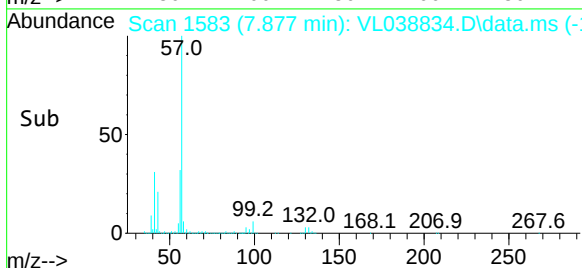
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

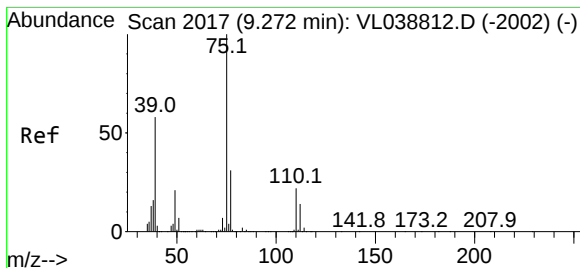


#44
2,2,4-Trimethylpentane
Concen: 9.604 ppbv
RT: 7.877 min Scan# 1583
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



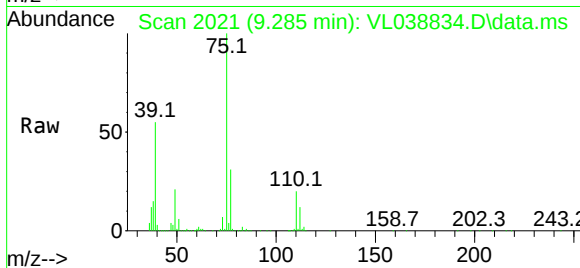
Tgt Ion: 57 Resp: 5294692
Ion Ratio Lower Upper
57 100
41 30.8 25.0 37.4
56 31.8 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.693 ppbv
RT: 9.285 min Scan# 2017
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

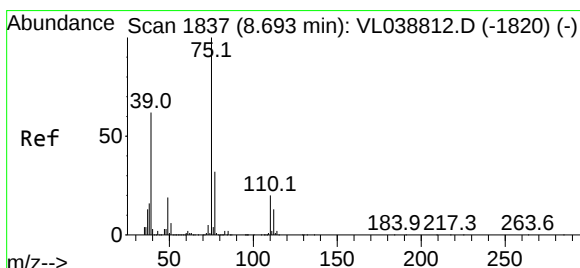
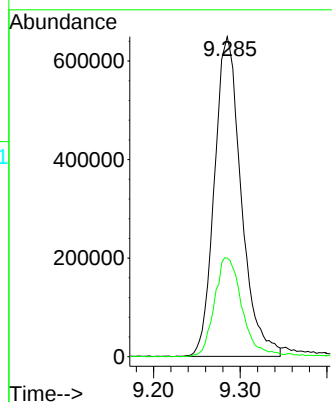
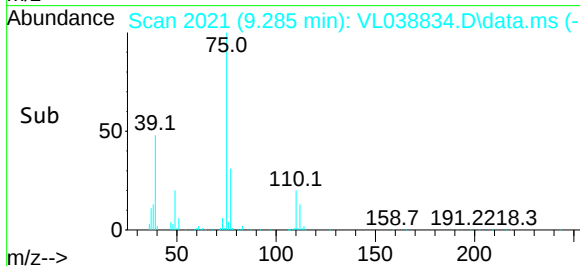
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



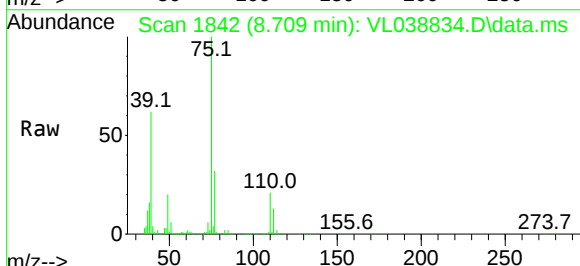
Tgt Ion: 75 Resp: 1394449
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

Manual Integrations
APPROVED

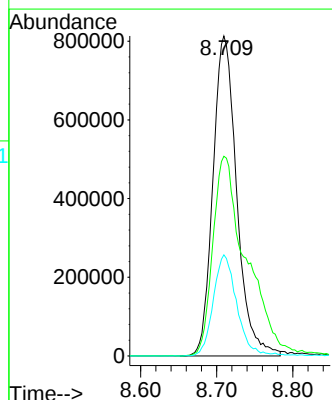
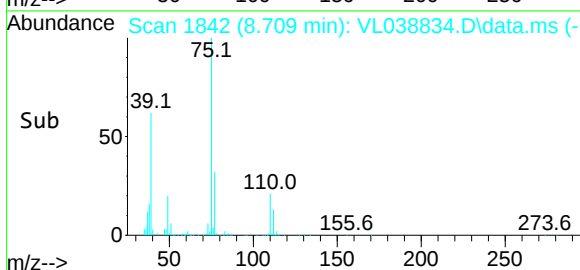
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

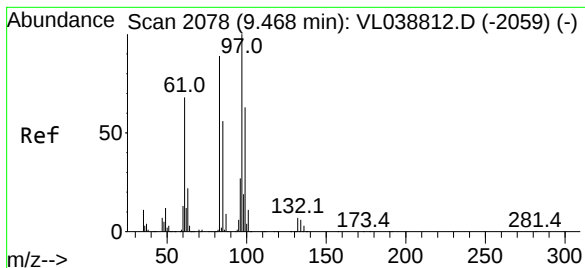


#46
cis-1,3-Dichloropropene
Concen: 10.266 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



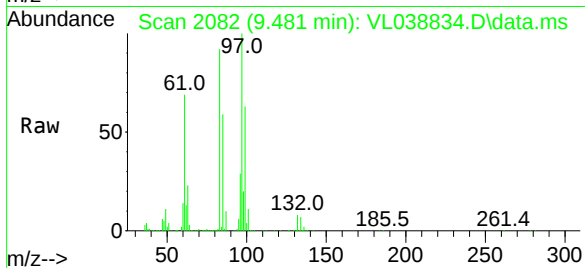
Tgt Ion: 75 Resp: 1765062
Ion Ratio Lower Upper
75 100
39 62.3 49.7 74.5
77 31.6 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 10.025 ppbv
RT: 9.481 min Scan# 2078
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

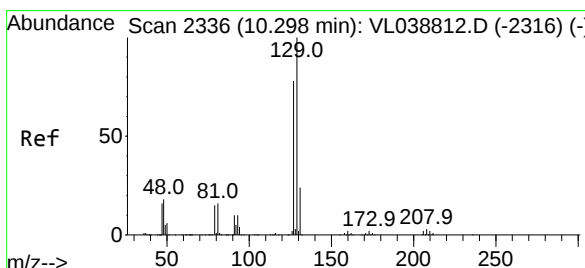
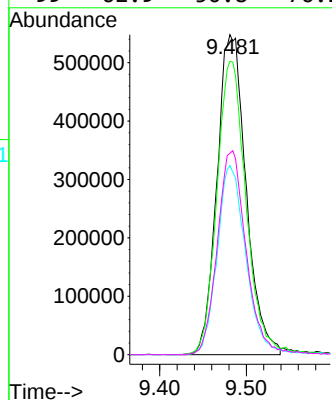
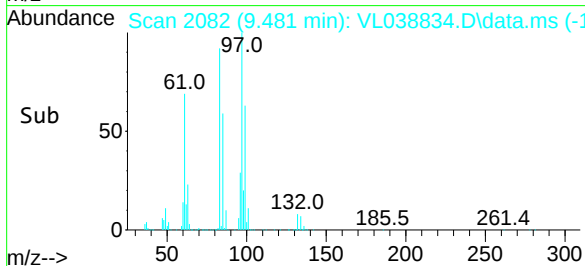
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



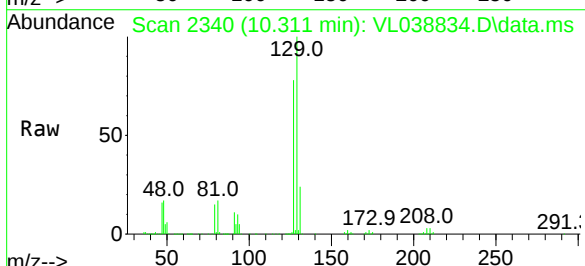
Tgt Ion: 97 Resp: 127938
Ion Ratio Lower Upper
97 100
83 91.6 71.1 106.7
85 59.0 45.1 67.7
99 62.9 50.8 76.2

Manual Integrations
APPROVED

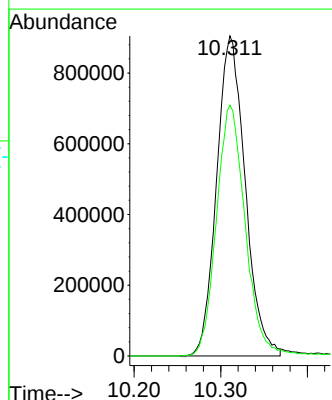
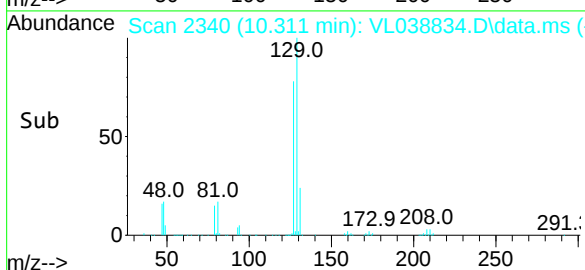
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

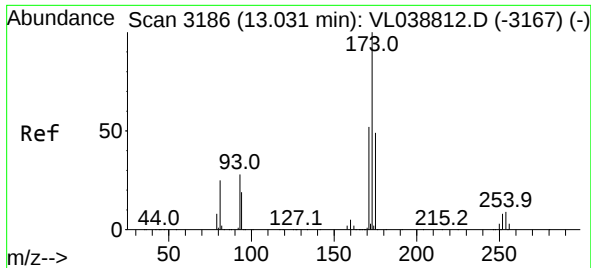


#48
Dibromochloromethane
Concen: 10.349 ppbv
RT: 10.311 min Scan# 2340
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



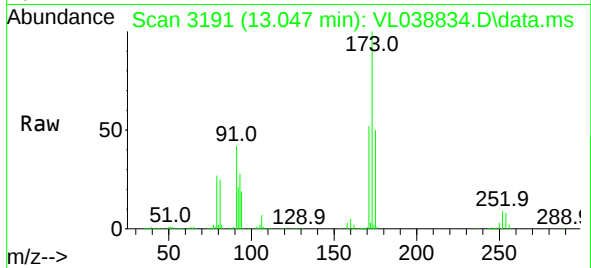
Tgt Ion:129 Resp: 2069981
Ion Ratio Lower Upper
129 100
127 79.9 38.9 116.6





#49
Bromoform
Concen: 10.353 ppbv
RT: 13.047 min Scan# 3186
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

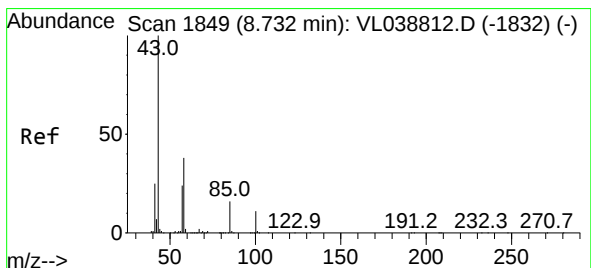
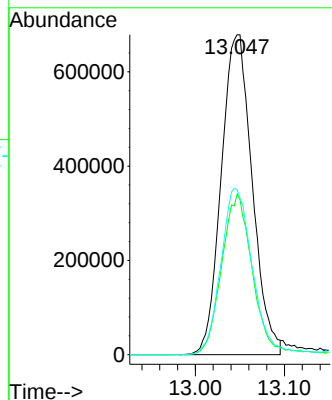
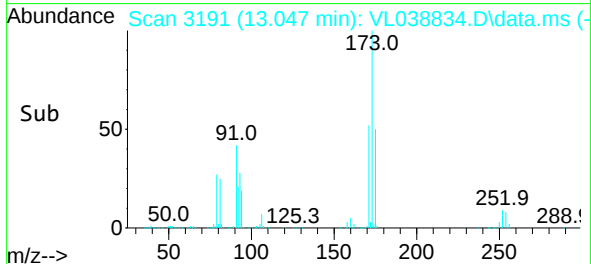
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



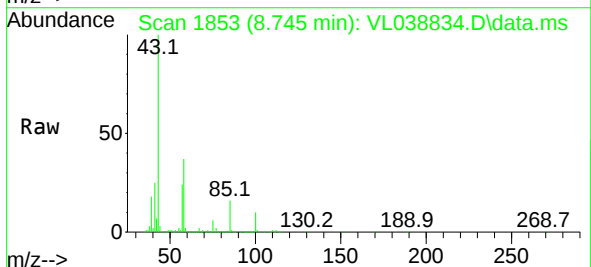
Tgt Ion:173 Resp: 164013
Ion Ratio Lower Upper
173 100
175 51.3 39.9 59.9
171 53.0 43.4 65.0

Manual Integrations
APPROVED

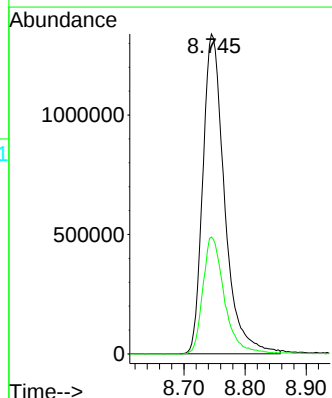
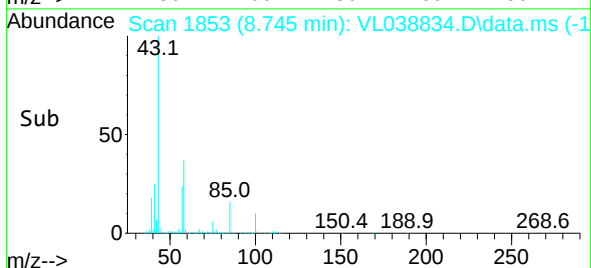
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

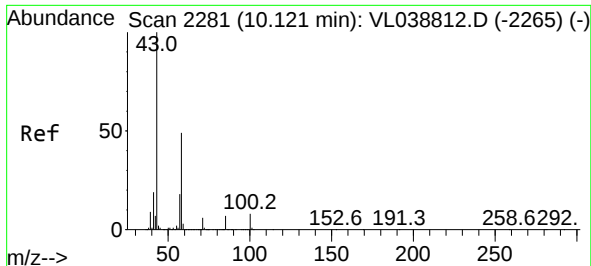


#50
4-Methyl-2-Pentanone
Concen: 10.371 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



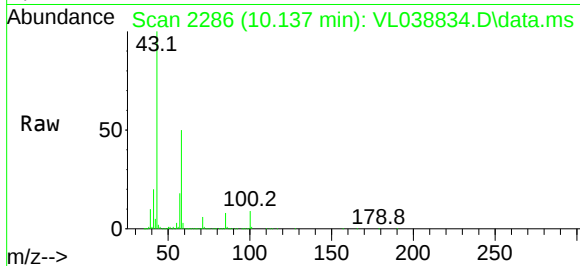
Tgt Ion: 43 Resp: 3299449
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6





#51
2-Hexanone
Concen: 10.515 ppbv
RT: 10.137 min Scan# 2281
Delta R.T. 0.016 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

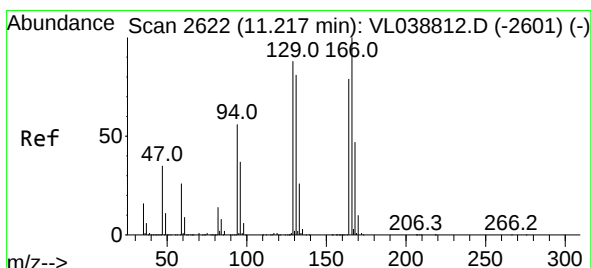
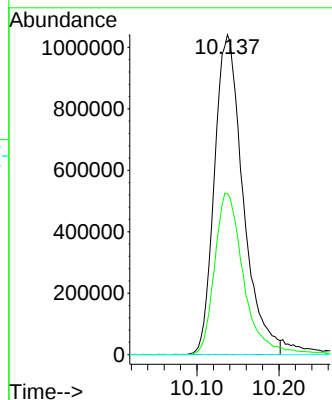
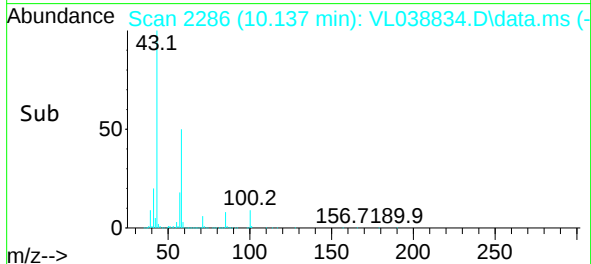
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



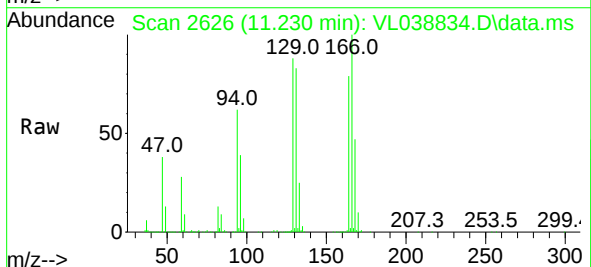
Tgt Ion: 43 Resp: 2520579
Ion Ratio Lower Upper
43 100
58 52.1 41.4 62.0
98 0.1 0.1 0.1

Manual Integrations
APPROVED

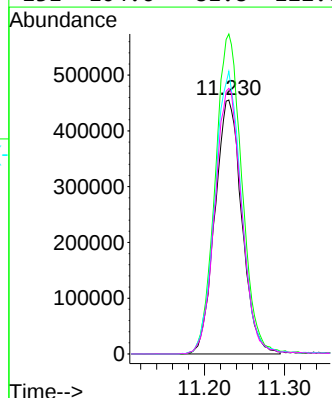
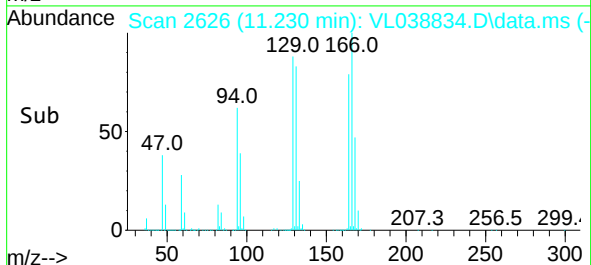
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

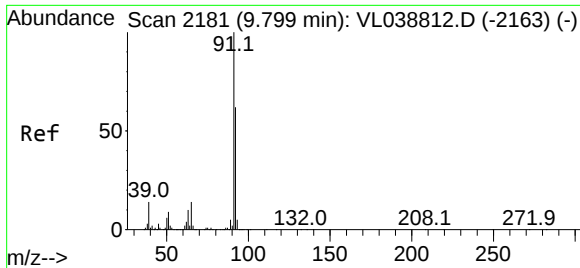


#52
Tetrachloroethene
Concen: 9.321 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



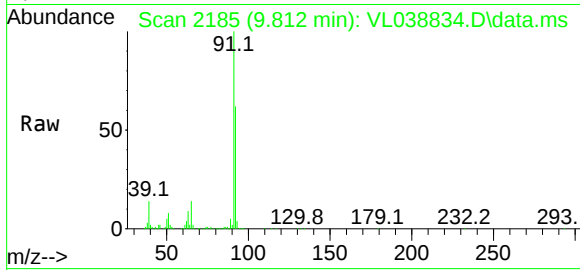
Tgt Ion:164 Resp: 1060109
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.6
129 111.2 88.7 133.1
131 104.6 81.8 122.6





#53
Toluene
Concen: 9.853 ppbv
RT: 9.812 min Scan# 2181
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

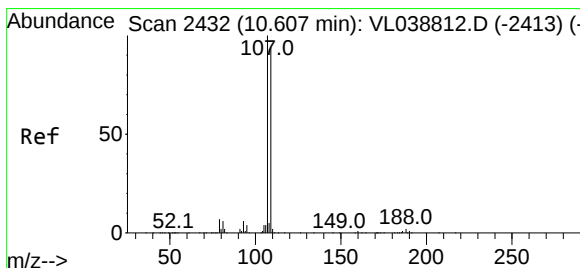
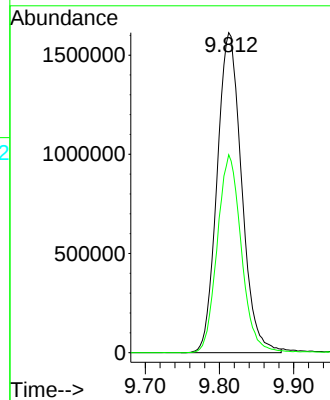
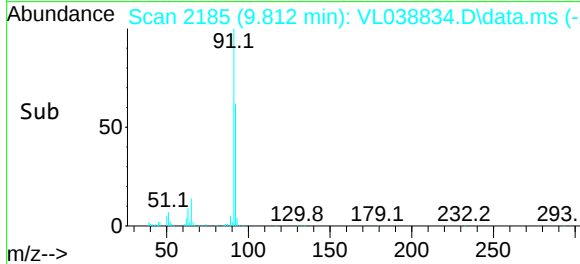
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



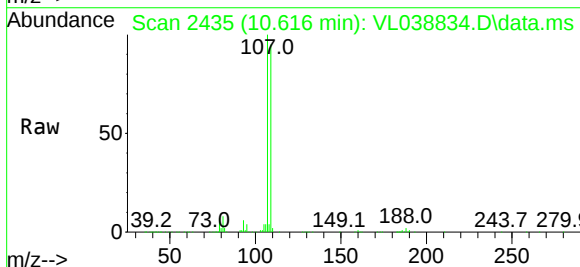
Tgt Ion: 91 Resp: 370370
Ion Ratio Lower Upper
91 100
92 61.2 49.2 73.8

Manual Integrations
APPROVED

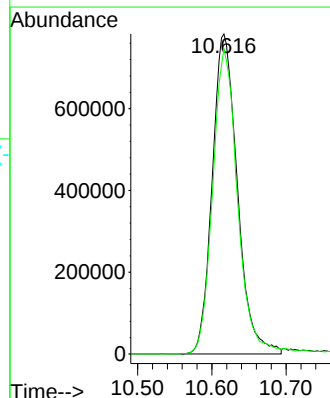
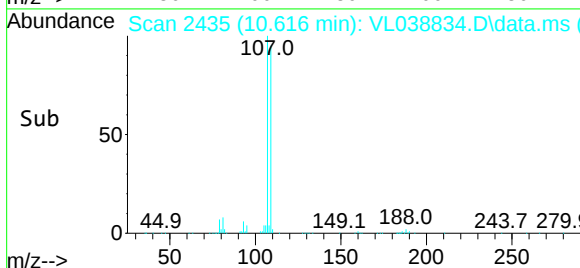
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

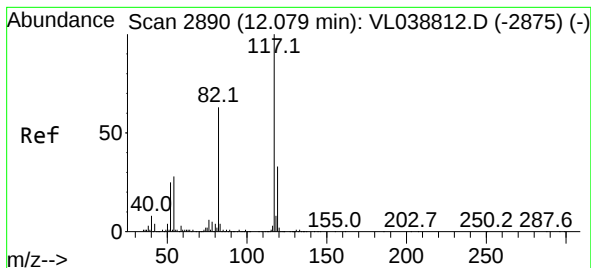


#54
1,2-Dibromoethane
Concen: 10.389 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



Tgt Ion:107 Resp: 1841630
Ion Ratio Lower Upper
107 100
109 95.3 75.5 113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.089 min Scan# 2890

Delta R.T. 0.010 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 328998

Ion Ratio Lower Upper

117 100

82 67.8 53.0 79.6

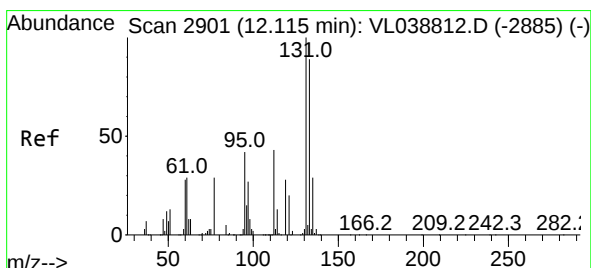
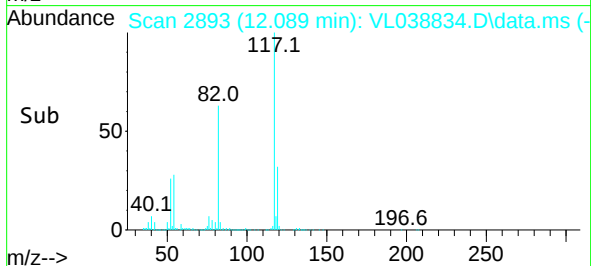
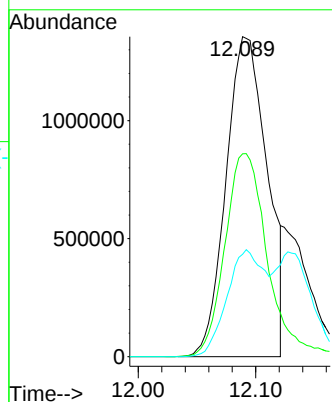
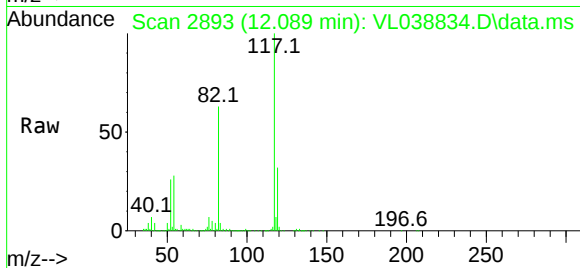
119 30.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.955 ppbv

RT: 12.134 min Scan# 2907

Delta R.T. 0.019 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

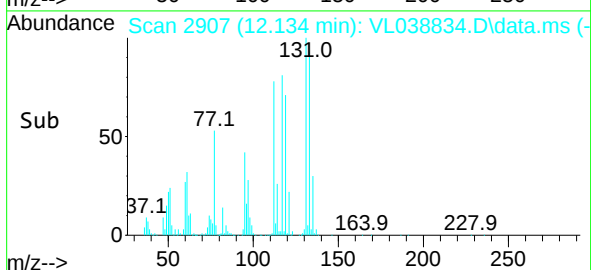
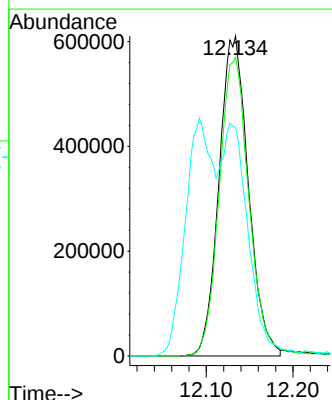
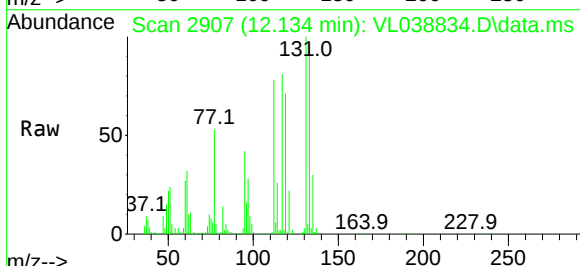
Tgt Ion:131 Resp: 1435301

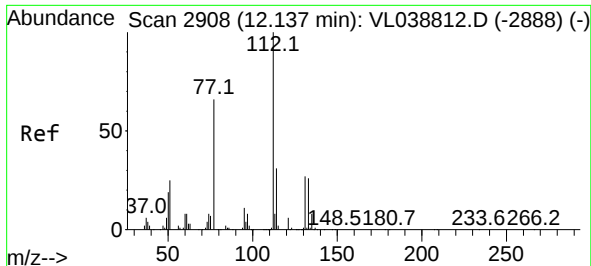
Ion Ratio Lower Upper

131 100

133 95.3 78.2 117.4

119 65.2 58.6 87.8





#57

Chlorobenzene

Concen: 9.693 ppbv

RT: 12.150 min Scan# 2908

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 261171

Ion Ratio Lower Upper

112 100

77 67.5 52.4 78.6

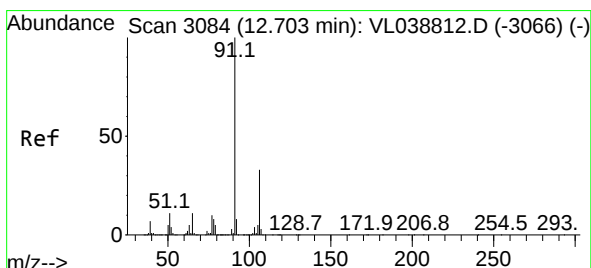
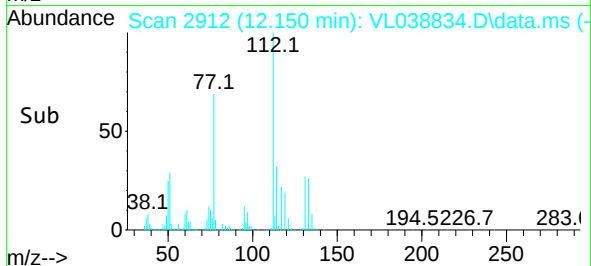
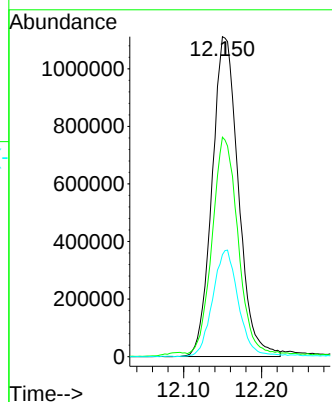
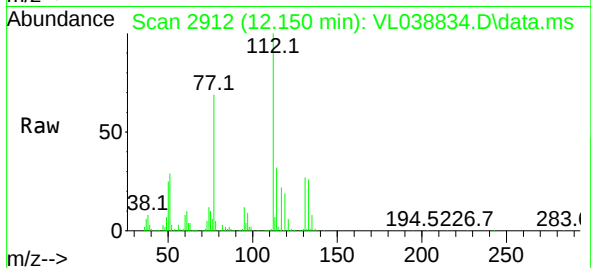
114 31.8 28.1 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#58

Ethyl Benzene

Concen: 9.912 ppbv

RT: 12.716 min Scan# 3088

Delta R.T. 0.013 min

Lab File: VL038834.D

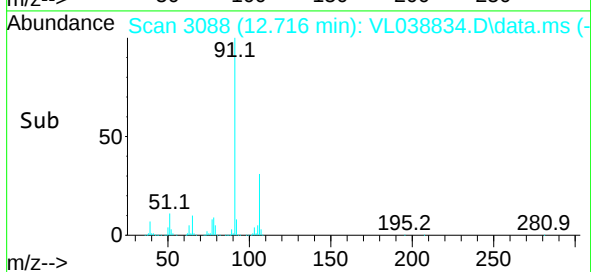
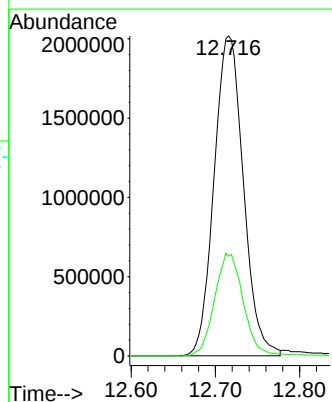
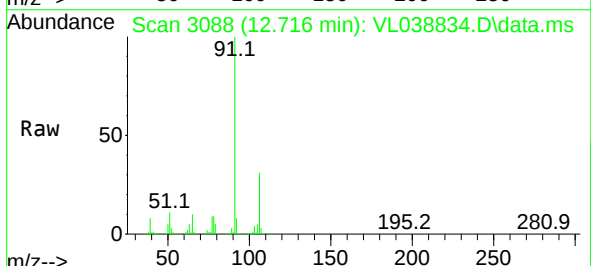
Acq: 7 Apr 2022 9:40

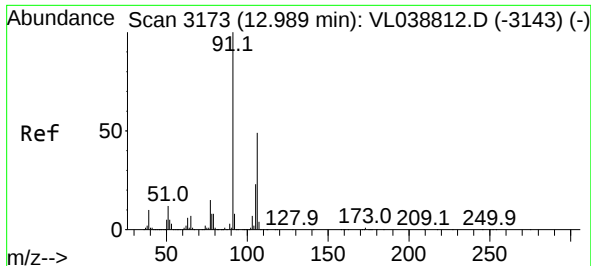
Tgt Ion: 91 Resp: 4872802

Ion Ratio Lower Upper

91 100

106 31.2 26.7 40.1





#59

m/p-Xylene

Concen: 19.517 ppbv m

RT: 12.999 min Scan# 3173

Delta R.T. 0.010 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 8060864

Ion Ratio Lower Upper

91 100

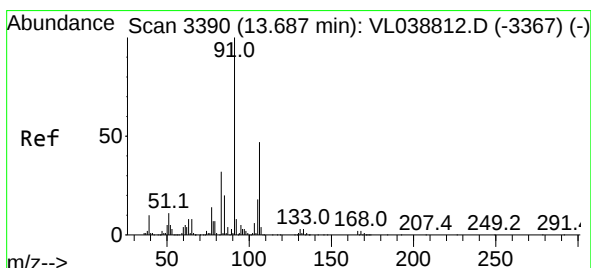
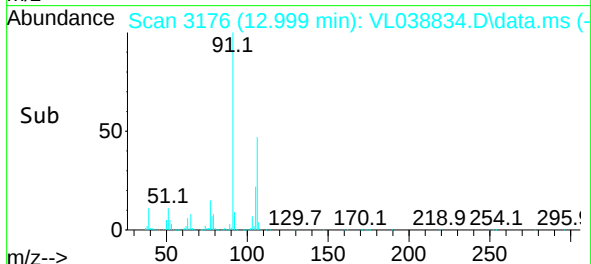
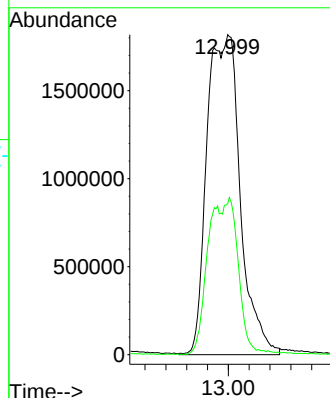
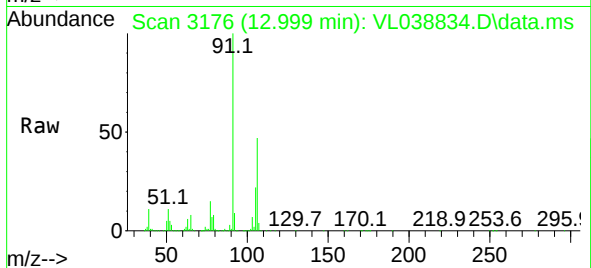
106 45.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#60

o-Xylene

Concen: 9.722 ppbv

RT: 13.696 min Scan# 3393

Delta R.T. 0.010 min

Lab File: VL038834.D

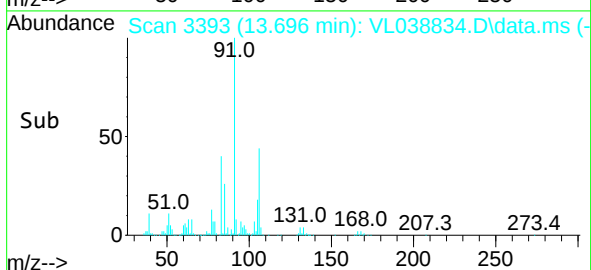
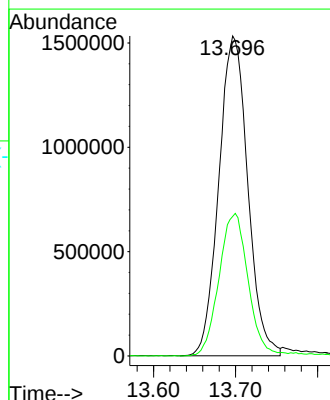
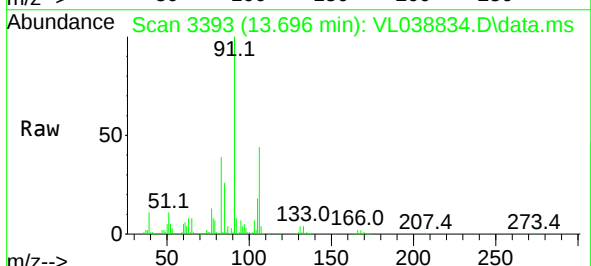
Acq: 7 Apr 2022 9:40

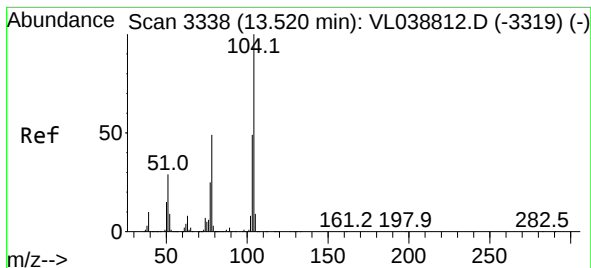
Tgt Ion: 91 Resp: 3757396

Ion Ratio Lower Upper

91 100

106 45.8 23.8 71.4





#61

Styrene

Concen: 10.221 ppbv

RT: 13.532 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 2406580

Ion Ratio Lower Upper

104 100

78 51.9 40.5 60.7

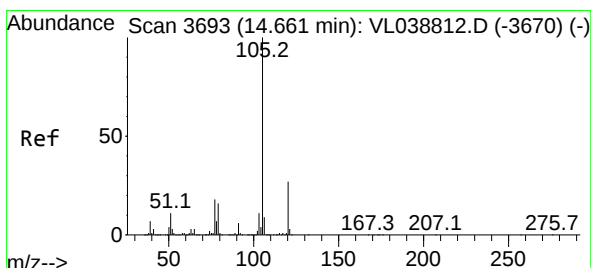
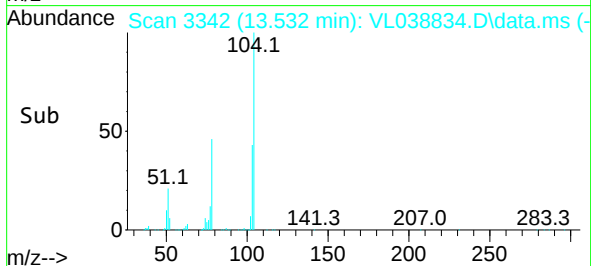
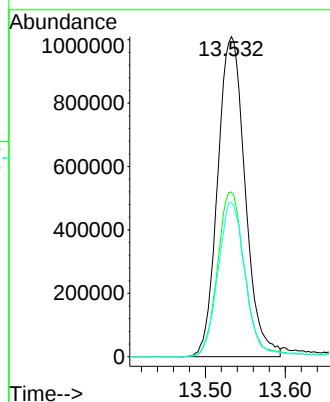
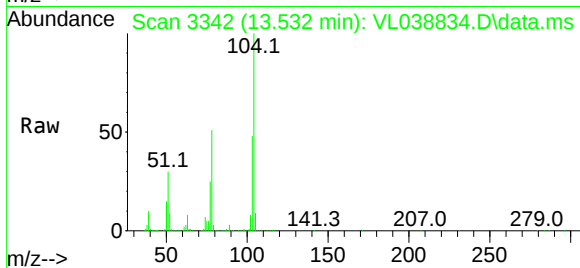
103 48.6 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#62

Isopropylbenzene

Concen: 9.549 ppbv

RT: 14.671 min Scan# 3696

Delta R.T. 0.010 min

Lab File: VL038834.D

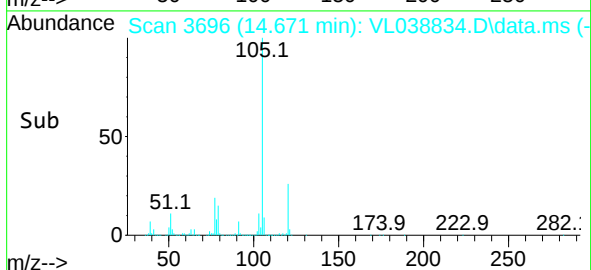
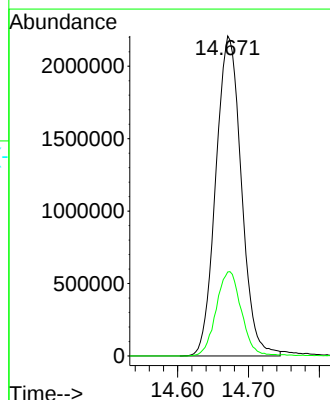
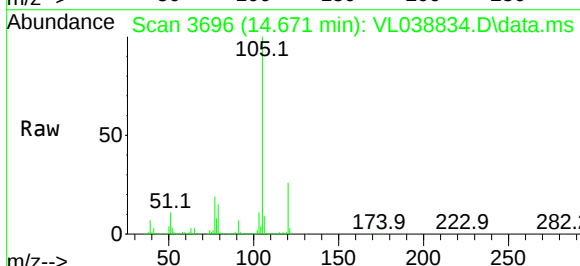
Acq: 7 Apr 2022 9:40

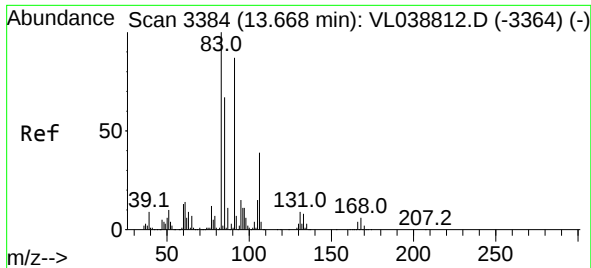
Tgt Ion:105 Resp: 5539447

Ion Ratio Lower Upper

105 100

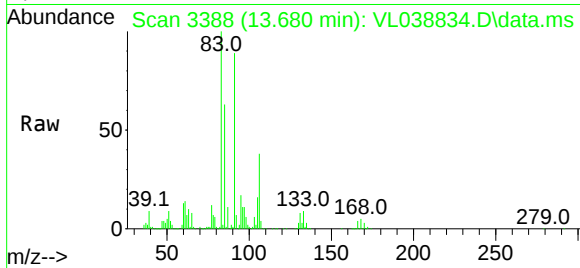
120 26.3 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.879 ppbv
RT: 13.680 min Scan# 3384
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

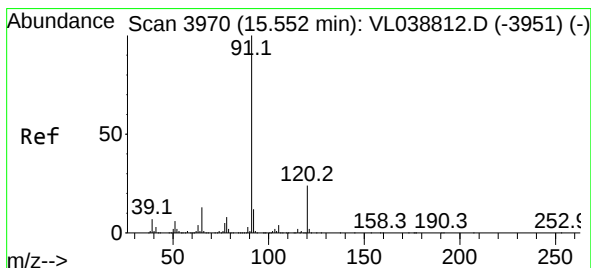
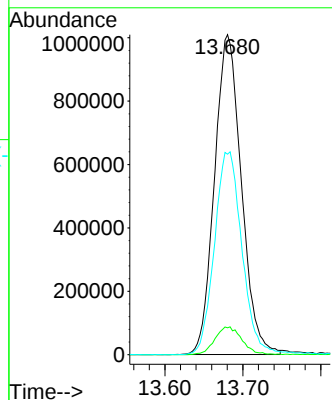
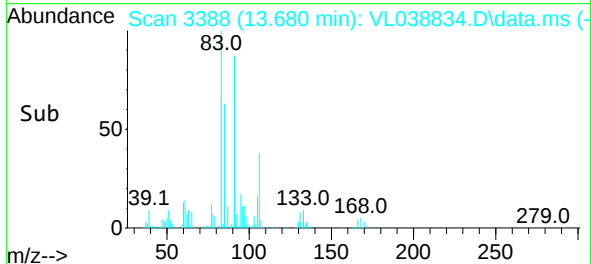
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 83 Resp: 241828
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 65.7 33.0 99.0

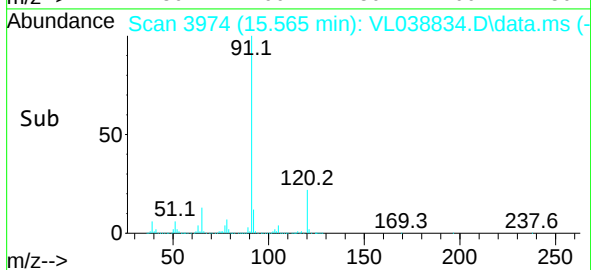
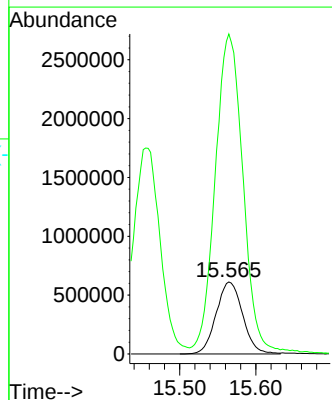
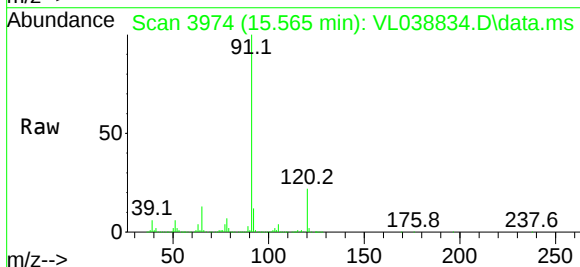
Manual Integrations
APPROVED

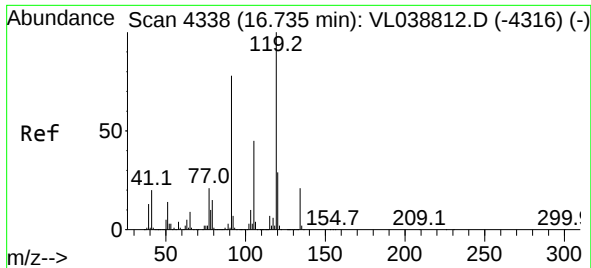
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#64
n-propylbenzene
Concen: 9.809 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

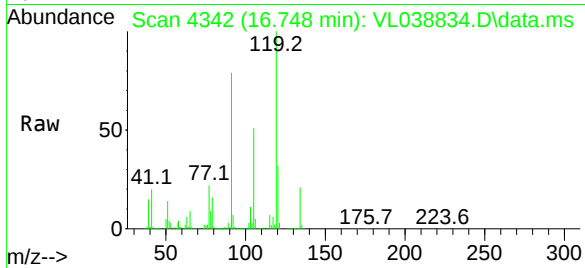
Tgt Ion:120 Resp: 1477521
Ion Ratio Lower Upper
120 100
91 468.6 360.6 540.8





#65
tert-Butylbenzene
Concen: 9.203 ppbv
RT: 16.748 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

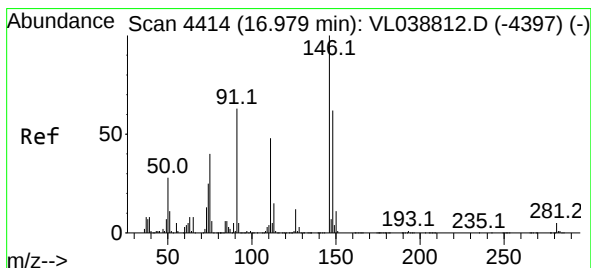
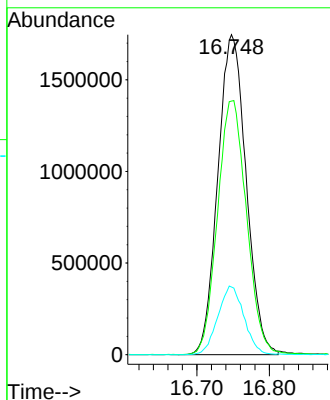
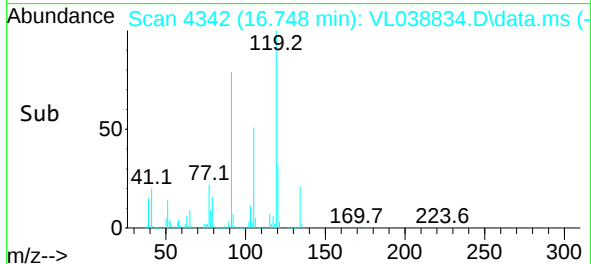
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



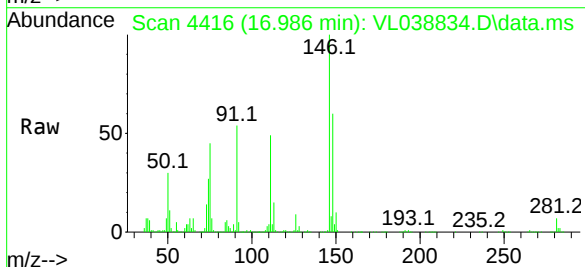
Tgt Ion: 119 Resp: 473628
Ion Ratio Lower Upper
119 100
91 81.6 62.8 94.2
134 19.9 16.2 24.4

Manual Integrations
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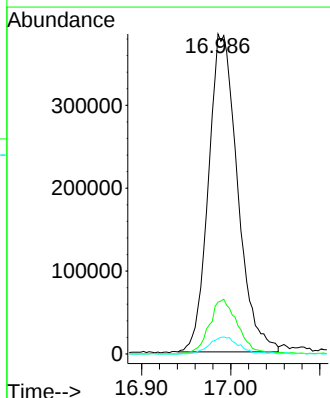
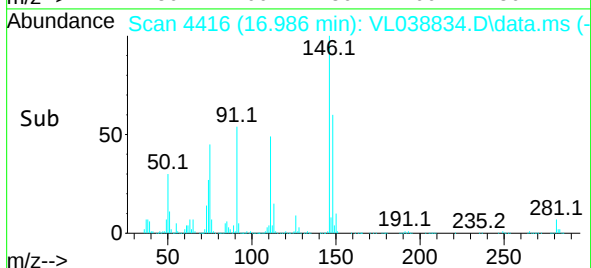
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

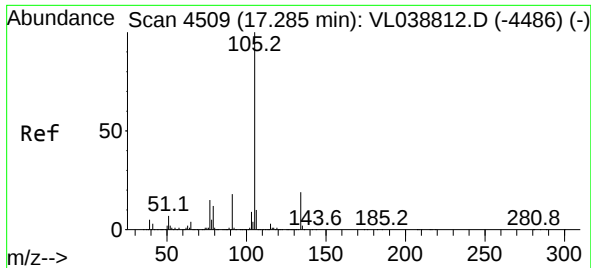


#66
Benzyl Chloride
Concen: 8.312 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. 0.006 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



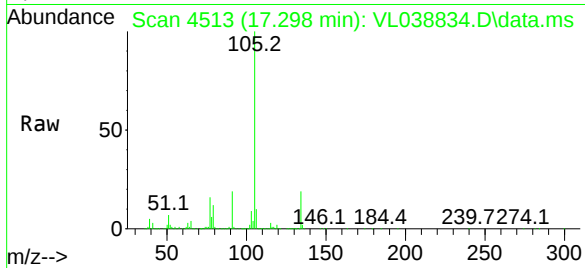
Tgt Ion: 91 Resp: 870946
Ion Ratio Lower Upper
91 100
126 17.1 15.4 23.0
128 5.4 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.459 ppbv
 RT: 17.298 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

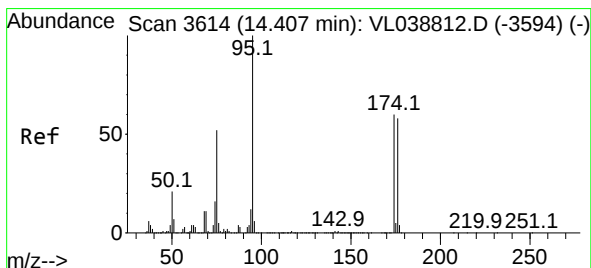
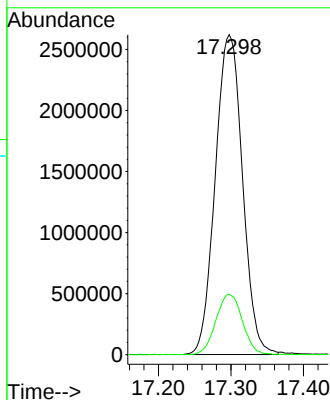
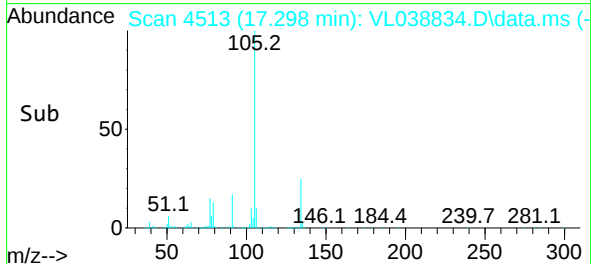
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



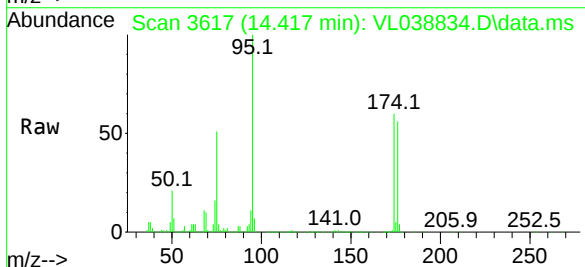
Tgt Ion: 105 Resp: 683157
 Ion Ratio Lower Upper
 105 100
 134 18.6 15.1 22.7

Manual Integrations
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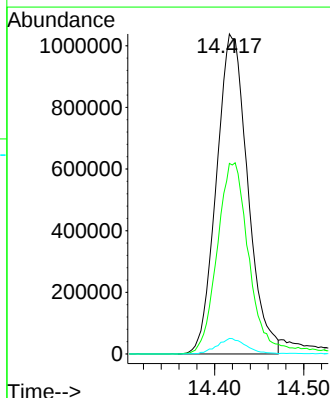
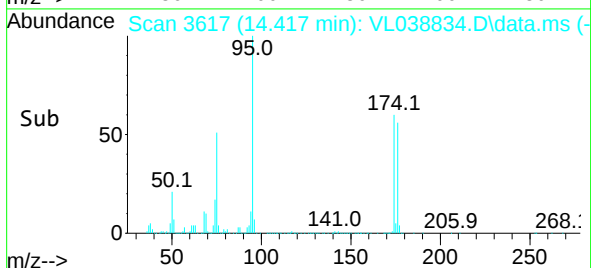
Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

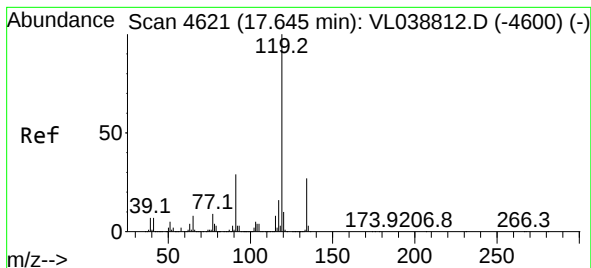


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.140 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40



Tgt Ion: 95 Resp: 2530566
 Ion Ratio Lower Upper
 95 100
 174 62.6 52.0 78.0
 175 4.8 4.0 6.0





#69

p-Isopropyltoluene

Concen: 9.666 ppbv

RT: 17.654 min Scan# 40

Delta R.T. 0.010 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 573220

Ion Ratio Lower Upper

119 100

134 25.8 20.8 31.2

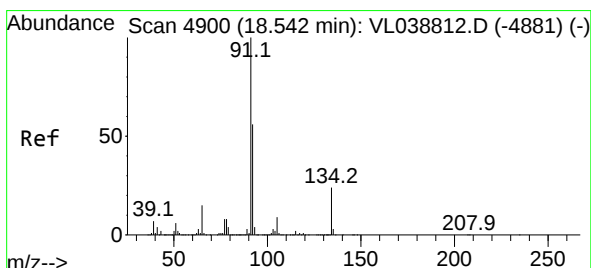
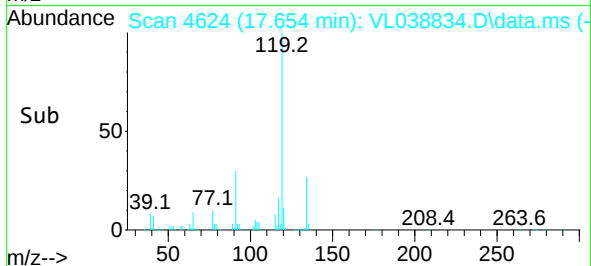
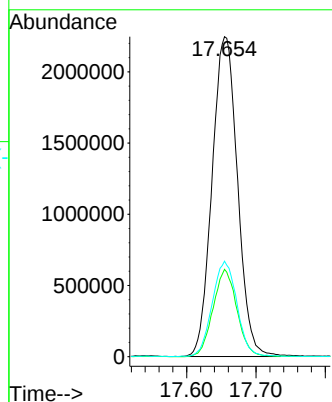
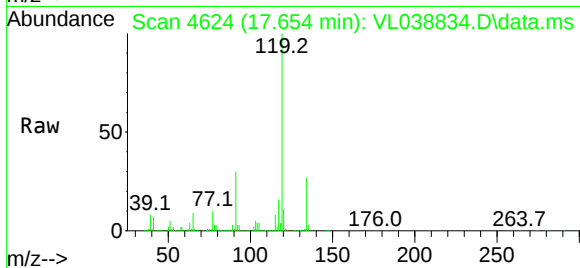
91 29.0 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#70

n-Butylbenzene

Concen: 10.202 ppbv

RT: 18.552 min Scan# 4903

Delta R.T. 0.010 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

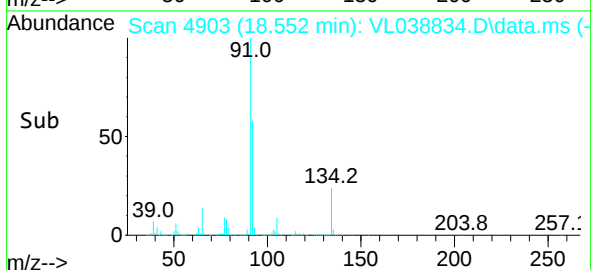
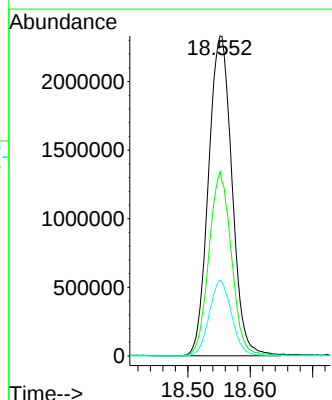
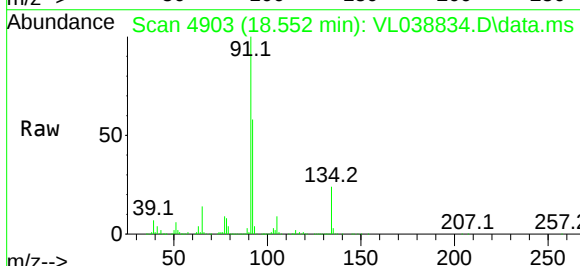
Tgt Ion: 91 Resp: 6094697

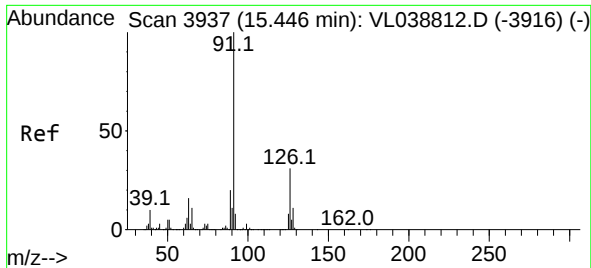
Ion Ratio Lower Upper

91 100

92 55.4 44.6 66.8

134 22.8 19.2 28.8





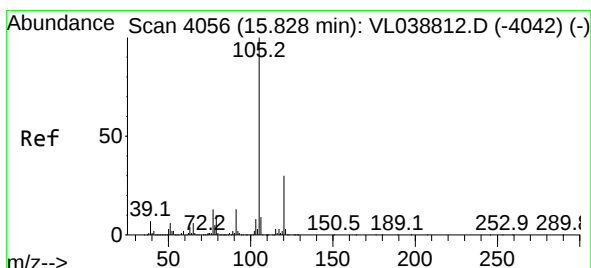
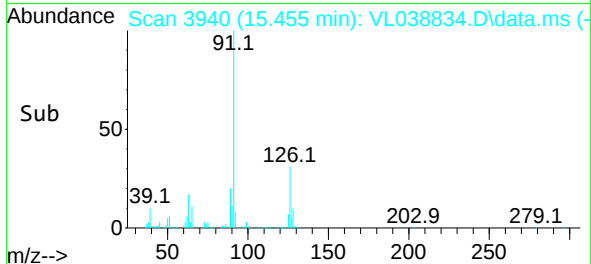
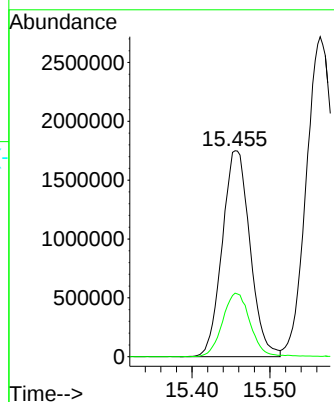
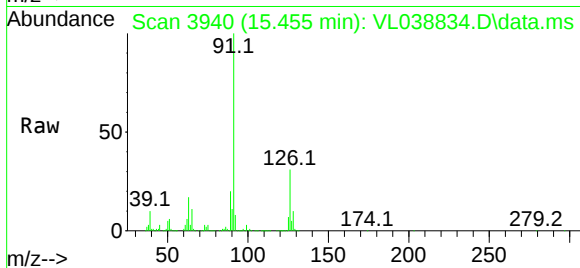
#71
2-Chlorotoluene
Concen: 9.932 ppbv
RT: 15.455 min Scan# 3937
Delta R.T. 0.010 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 4332370
Ion Ratio Lower Upper
91 100
126 30.9 13.0 51.8

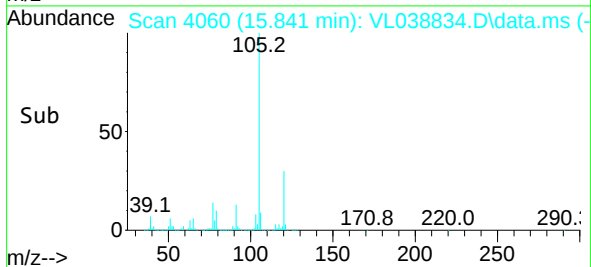
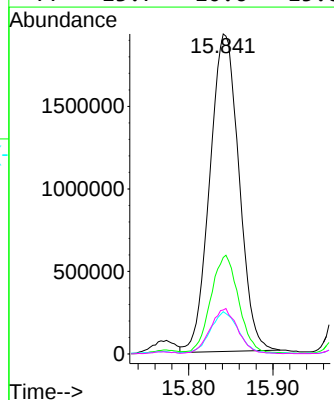
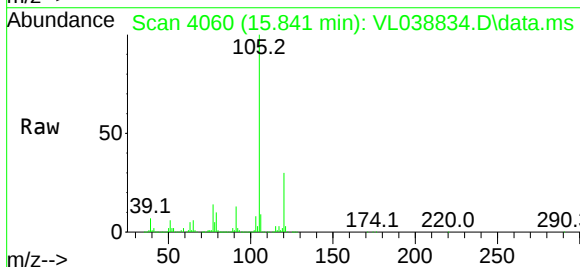
Manual Integrations
APPROVED

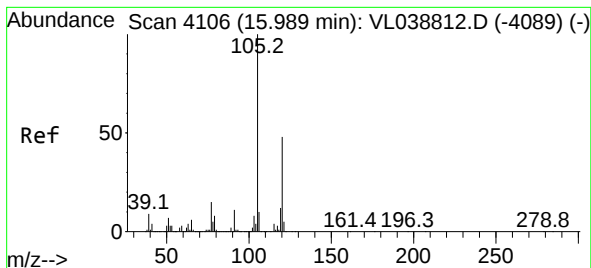
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022



#72
4-Ethyltoluene
Concen: 10.010 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

Tgt Ion:105 Resp: 4619539
Ion Ratio Lower Upper
105 100
120 30.3 24.3 36.5
91 12.8 9.4 14.2
77 13.7 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 10.008 ppbv

RT: 15.999 min Scan# 4109

Delta R.T. 0.010 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 4149264

Ion Ratio Lower Upper

105 100

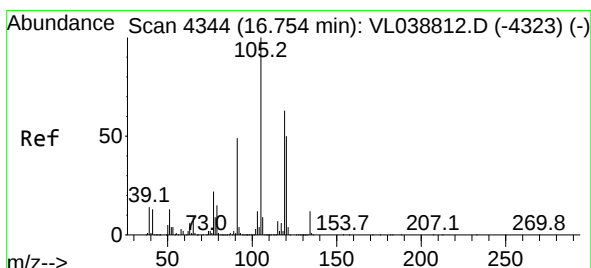
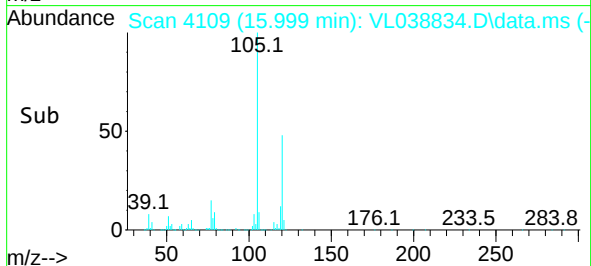
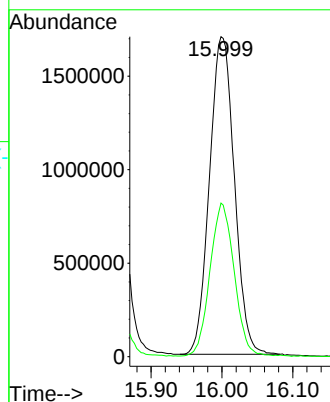
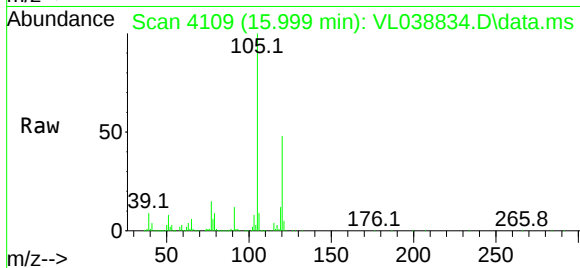
120 48.2 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.669 ppbv

RT: 16.767 min Scan# 4348

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Tgt Ion:105 Resp: 4237669

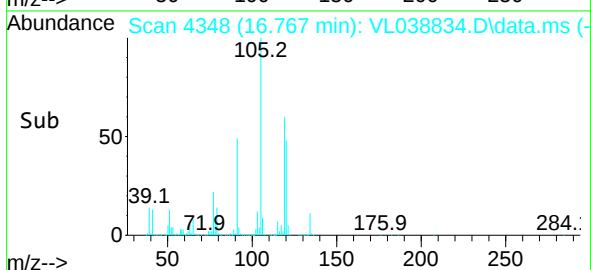
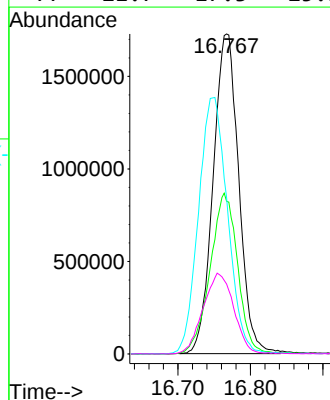
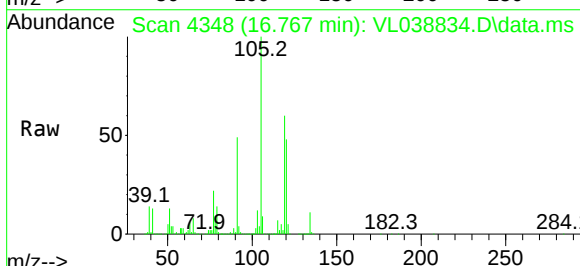
Ion Ratio Lower Upper

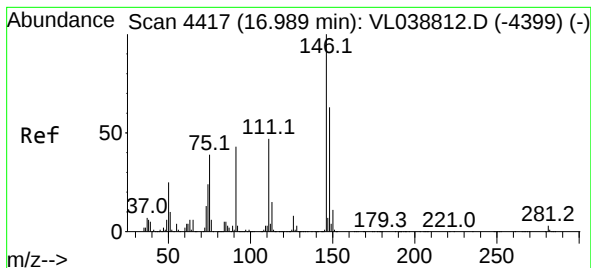
105 100

120 47.4 39.8 59.8

91 48.6 39.4 59.0

77 21.7 17.3 25.9





#75

1,3-Dichlorobenzene

Concen: 9.743 ppbv

RT: 17.002 min Scan# 4417

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2479215

Ion Ratio Lower Upper

146 100

111 47.7 23.8 71.2

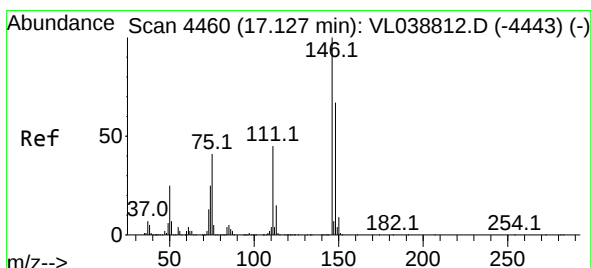
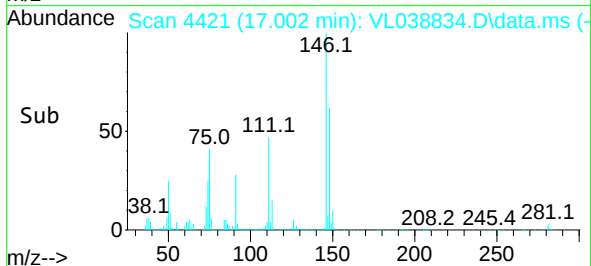
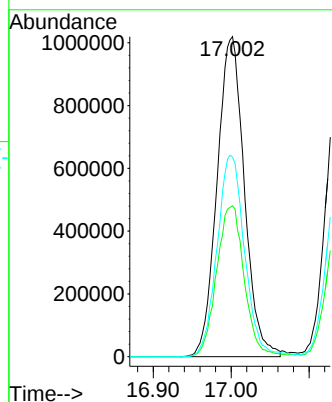
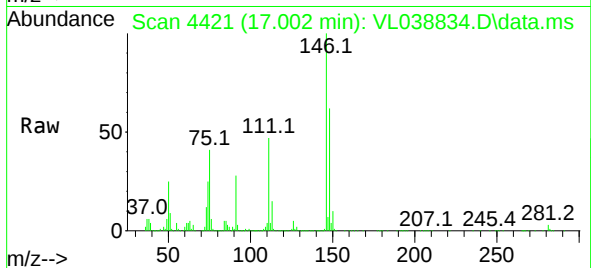
148 63.8 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#76

1,4-Dichlorobenzene

Concen: 9.640 ppbv

RT: 17.140 min Scan# 4464

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

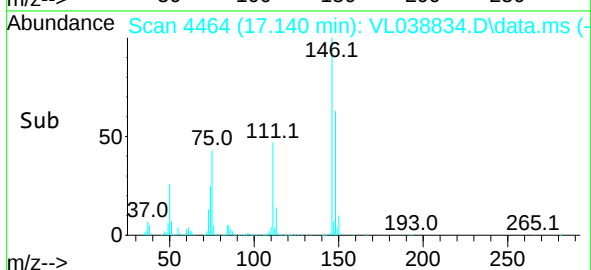
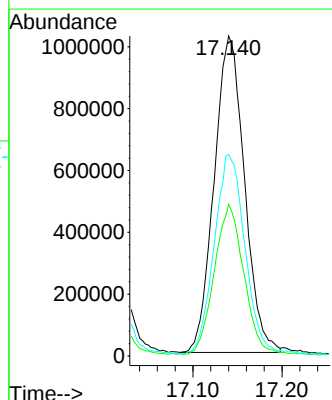
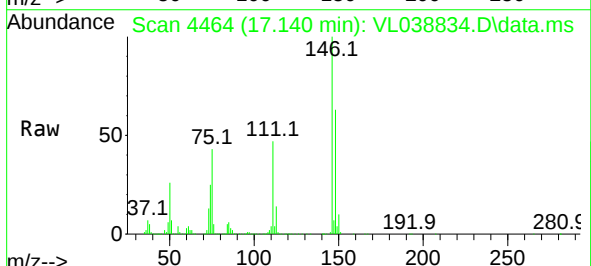
Tgt Ion:146 Resp: 2416168

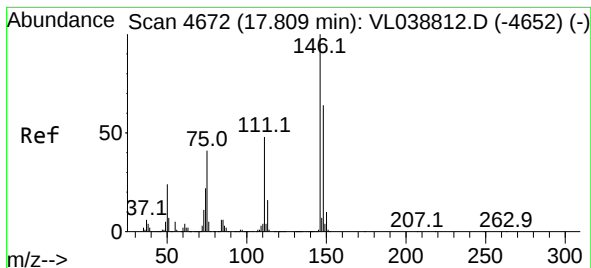
Ion Ratio Lower Upper

146 100

111 48.0 23.6 70.8

148 66.2 33.6 100.6





#77

1,2-Dichlorobenzene

Concen: 9.592 ppbv

RT: 17.822 min Scan# 40

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 240600

Ion Ratio Lower Upper

146 100

111 50.4 24.8 74.3

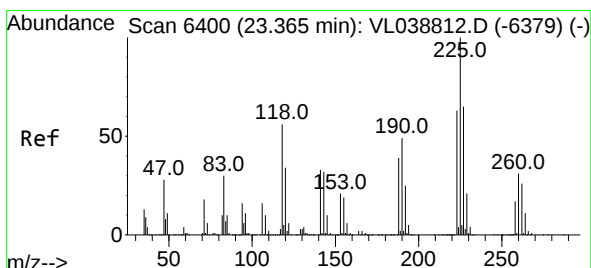
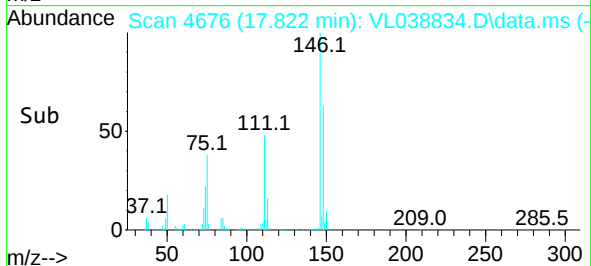
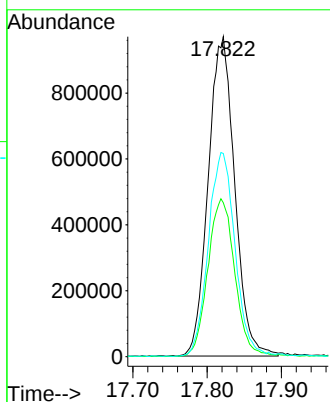
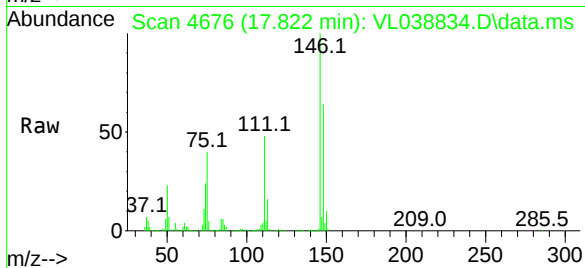
148 65.0 31.9 95.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/09/2022

Supervised By :Mahesh Dadoda 04/11/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.382 ppbv

RT: 23.378 min Scan# 6404

Delta R.T. 0.013 min

Lab File: VL038834.D

Acq: 7 Apr 2022 9:40

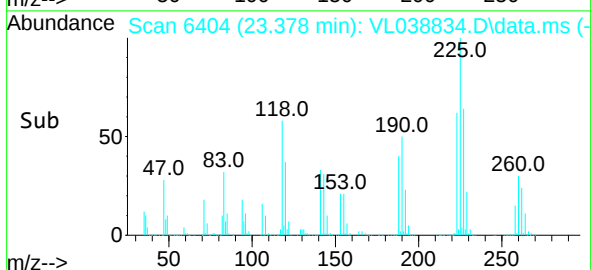
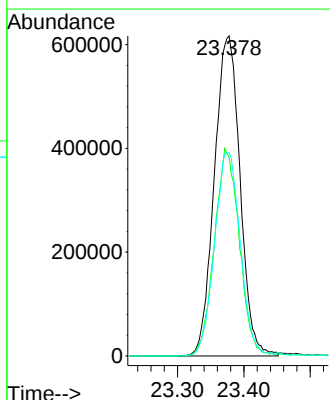
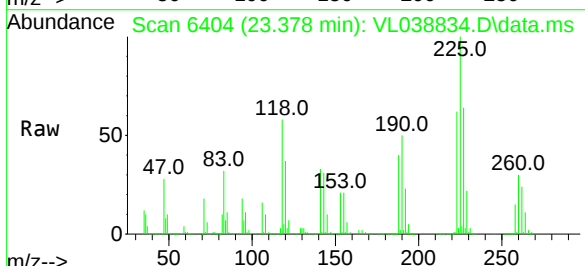
Tgt Ion:225 Resp: 1661113

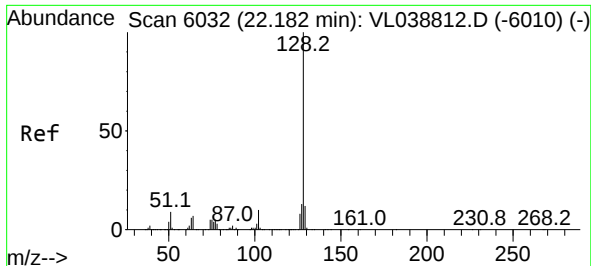
Ion Ratio Lower Upper

225 100

223 63.1 51.6 77.4

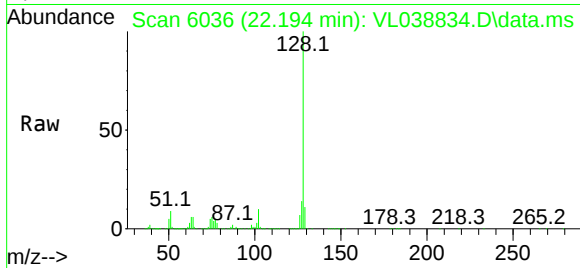
227 64.3 52.3 78.5





#79
Naphthalene
Concen: 10.528 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40

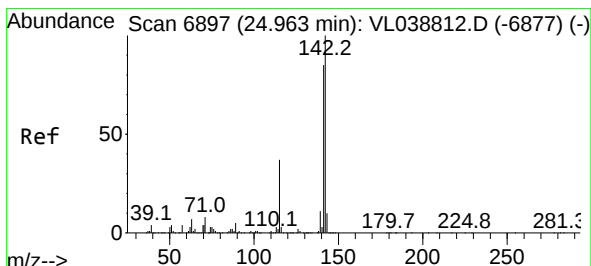
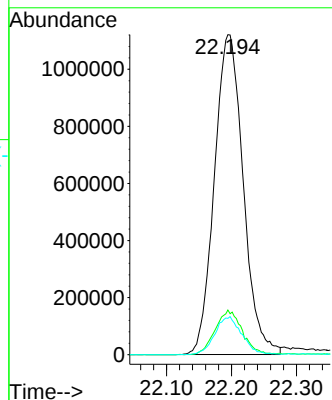
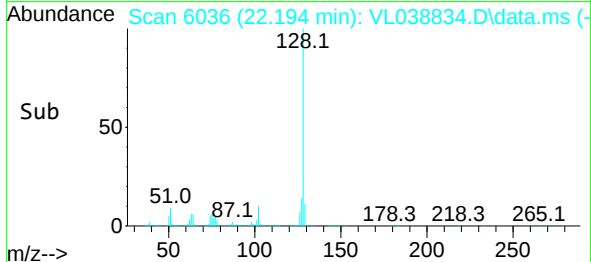
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



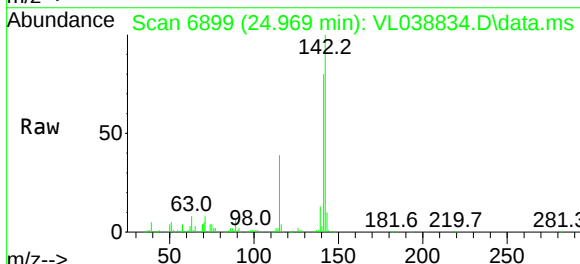
Tgt Ion:128 Resp: 345148
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.3 9.4 14.0

Manual Integrations
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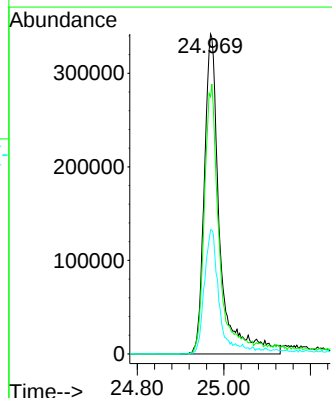
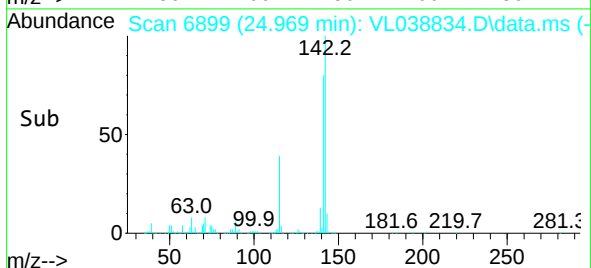
Reviewed By :Semsettin Yesilyurt 04/09/2022
Supervised By :Mahesh Dadoda 04/11/2022

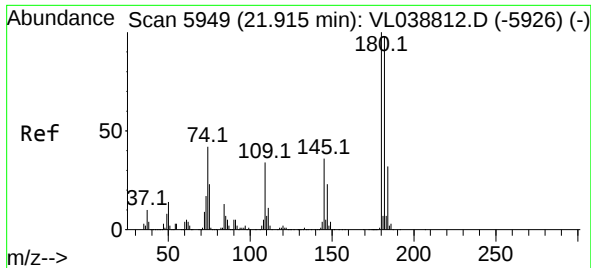


#80
Naphthalene,2-methyl-
Concen: 10.460 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.006 min
Lab File: VL038834.D
Acq: 7 Apr 2022 9:40



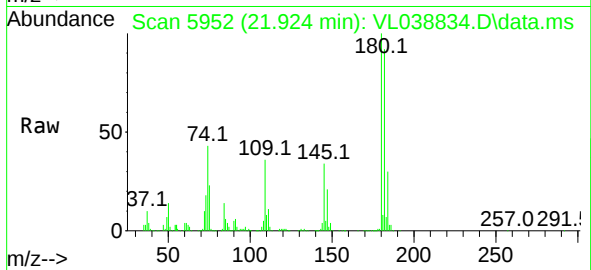
Tgt Ion:142 Resp: 845054
Ion Ratio Lower Upper
142 100
141 84.4 68.8 103.2
115 37.6 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.849 ppbv
 RT: 21.924 min Scan# 5949
 Delta R.T. 0.010 min
 Lab File: VL038834.D
 Acq: 7 Apr 2022 9:40

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1889670

Ion	Ratio	Lower	Upper
180	100		
182	94.9	79.4	119.0
184	31.6	25.0	37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

