

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039201.D
 Acq On : 7 Jun 2022 2:00
 Operator : SY/AP
 Sample : VL0606SBL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 03:22:16 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	1217179	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3514745	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	3479734	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2497189 8.680 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 86.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1651743	7.726	ppbv	99
3) Chlorodifluoromethane	2.990	51	1590661	10.271	ppbv	94
4) Chloromethane	3.144	50	878421	11.042	ppbv	99
5) Vinyl Chloride	3.260	62	831178	11.177	ppbv	96
6) Bromomethane	3.475	94	400698	10.953	ppbv	96
7) Chloroethane	3.555	64	291573	11.252	ppbv	96
8) Dichlorotetrafluoroethane	3.189	85	1989799	10.184	ppbv	95
9) Propene	3.012	41	821811	12.170	ppbv	99
10) Heptane	8.118	43	1983479	12.591	ppbv	98
11) Trichlorofluoromethane	3.951	101	1786680	9.232	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.481	101	1290537	10.084	ppbv	97
13) Ethanol	3.600	45	44843m	12.176	ppbv	
14) Bromoethene	3.742	108	616030	10.707	ppbv	99
15) Acetone	3.845	43	1371292	10.815	ppbv	99
16) 1,3-Butadiene	3.327	39	765249	11.228	ppbv	98
17) tert-Butyl alcohol	4.279	59	1040593	10.581	ppbv	99
18) 1,1-Dichloroethene	4.288	96	608774	10.604	ppbv	97
19) Isopropyl Alcohol	3.961	45	632160	10.630	ppbv #	1
20) Methylene Chloride	4.343	84	496768	9.297	ppbv	98
21) Allyl Chloride	4.411	41	938115	10.968	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	609853	11.040	ppbv	99
23) Vinyl Acetate	5.070	43	1369632	13.056	ppbv	98
24) 1,1-Dichloroethane	5.009	63	1292188	8.990	ppbv	99
25) Ethyl Acetate	5.671	43	3315076	11.601	ppbv	100
26) Hexane	5.684	57	1463580	11.654	ppbv	97
27) Carbon Disulfide	4.549	76	1413295	10.858	ppbv	100
28) Methyl tert-Butyl Ether	5.031	73	1425532	10.282	ppbv	100
29) Chloroform	5.748	83	2233624	10.570	ppbv	99
30) Cyclohexane	7.128	84	1301198	12.334	ppbv	94
31) cis-1,2-Dichloroethene	5.546	61	1423839	11.119	ppbv	88
32) 1,1,1-Trichloroethane	6.504	97	2217853	10.725	ppbv	97
34) 2-Butanone	5.237	43	2027250	10.617	ppbv	98
35) Carbon Tetrachloride	7.015	117	2238835	8.727	ppbv	97
36) Benzene	6.886	78	3169710	11.108	ppbv	97
37) 1,2-Dichloroethane	6.301	62	1572780	8.375	ppbv #	94
38) Trichloroethene	7.825	130	1542768	11.771	ppbv	92
39) 1,2-Dichloropropane	7.607	63	1212676	10.684	ppbv	93
40) 1,4-Dioxane	7.819	88	419767	11.234	ppbv #	1
41) Tetrahydrofuran	6.041	42	1306513	11.376	ppbv	99
42) Bromodichloromethane	7.787	83	2430374	9.325	ppbv	97
43) Methyl Methacrylate	8.005	69	1267977	11.408	ppbv	94
44) 2,2,4-Trimethylpentane	7.864	57	5095936	10.209	ppbv	97
45) t-1,3-Dichloropropene	9.272	75	1356791	11.721	ppbv	97

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Quant Time: Jun 07 03:22:16 2022

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

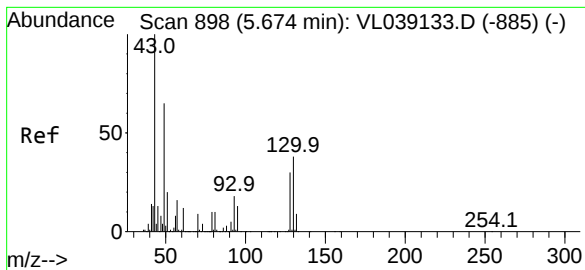
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 03:22:16 2022

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

Response via : Initial Calibration

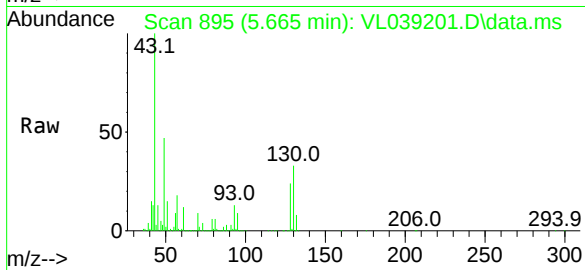
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	1735171	11.347	ppbv	94
47) 1,1,2-Trichloroethane	9.468	97	1302518	11.000	ppbv	98
48) Dibromochloromethane	10.295	129	2136386	10.105	ppbv	99
49) Bromoform	13.031	173	1768125	10.035	ppbv	99
50) 4-Methyl-2-Pentanone	8.732	43	3130813	10.954	ppbv	98
51) 2-Hexanone	10.121	43	2454794	11.037	ppbv #	97
52) Tetrachloroethene	11.214	164	1172026	10.520	ppbv	97
53) Toluene	9.796	91	3727738	11.345	ppbv	99
54) 1,2-Dibromoethane	10.603	107	1787261	11.232	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.115	131	1529089	9.287	ppbv	98
57) Chlorobenzene	12.137	112	2697430	10.302	ppbv	93
58) Ethyl Benzene	12.703	91	4883045	10.188	ppbv	97
59) m/p-Xylene	12.986	91	8048869m	19.069	ppbv	
60) o-Xylene	13.684	91	3826256	9.647	ppbv	96
61) Styrene	13.516	104	2467846	11.619	ppbv	93
62) Isopropylbenzene	14.655	105	5681275	9.638	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.664	83	2022579	9.085	ppbv	99
64) n-propylbenzene	15.552	120	1521927	10.502	ppbv	87
65) tert-Butylbenzene	16.735	119	4978199	9.235	ppbv	94
66) Benzyl Chloride	16.976	91	807826	11.525	ppbv	99
67) sec-Butylbenzene	17.285	105	7005509	9.525	ppbv	98
69) p-Isopropyltoluene	17.642	119	5858525	9.441	ppbv	97
70) n-Butylbenzene	18.539	91	5974325	9.380	ppbv	99
71) 2-Chlorotoluene	15.442	91	4289910	9.543	ppbv	97
72) 4-Ethyltoluene	15.825	105	4671446	10.049	ppbv	98
73) 1,3,5-Trimethylbenzene	15.986	105	4150697	9.900	ppbv	98
74) 1,2,4-Trimethylbenzene	16.754	105	4382855	9.367	ppbv #	88
75) 1,3-Dichlorobenzene	16.986	146	2634803	9.949	ppbv	98
76) 1,4-Dichlorobenzene	17.127	146	2605454	9.861	ppbv	97
77) 1,2-Dichlorobenzene	17.802	146	2558165	9.584	ppbv	99
78) Hexachloro-1,3-Butadiene	23.362	225	2022879	8.288	ppbv	99
79) Naphthalene	22.178	128	4184864	11.619	ppbv	99
80) Naphthalene,2-methyl-	24.956	142	1599572	11.953	ppbv	94
81) 1,2,4-Trichlorobenzene	21.912	180	2302073	10.089	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. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

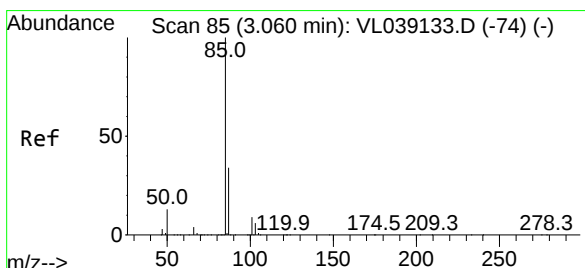
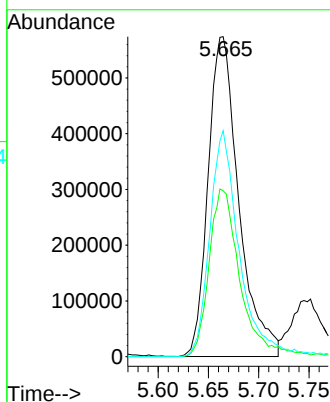
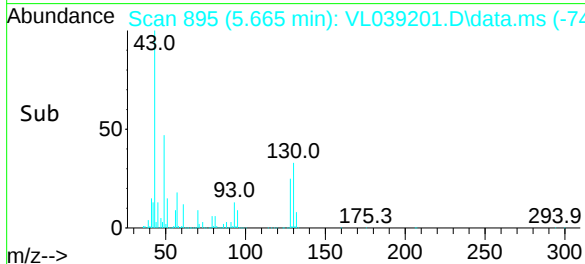
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



Tgt Ion: 49 Resp: 1217179
Ion Ratio Lower Upper
49 100
128 53.8 24.7 74.1
130 69.7 31.4 94.0

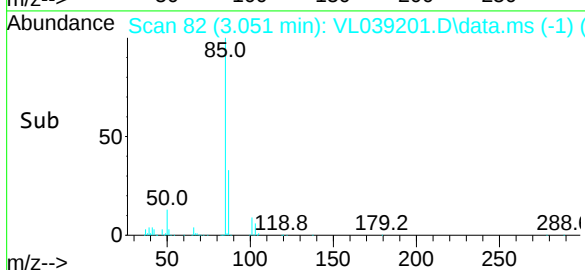
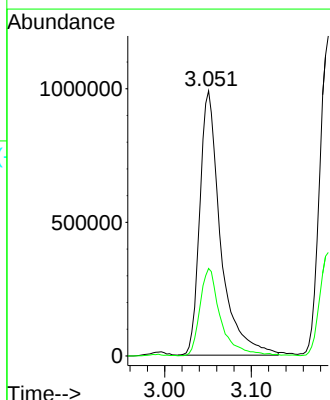
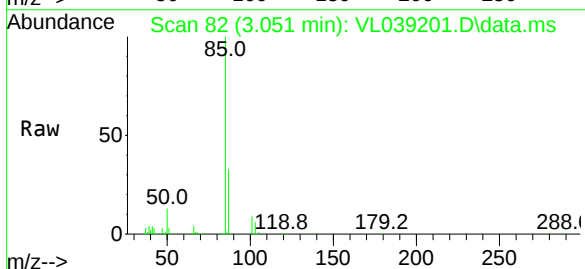
Manual Integrations
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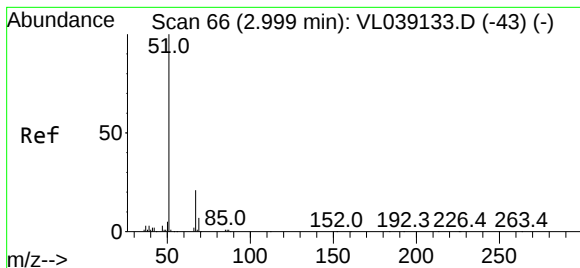
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#2
Dichlorodifluoromethane
Concen: 7.726 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 85 Resp: 1651743
Ion Ratio Lower Upper
85 100
87 33.1 26.9 40.3





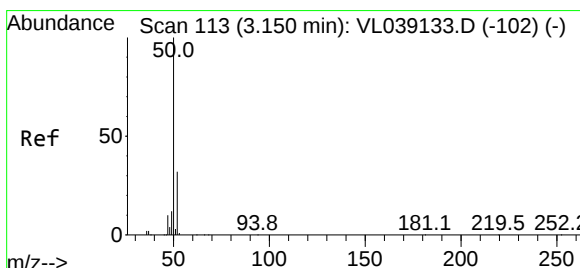
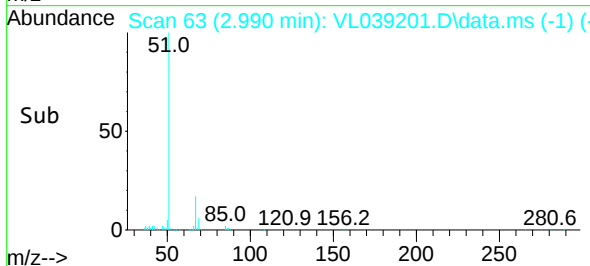
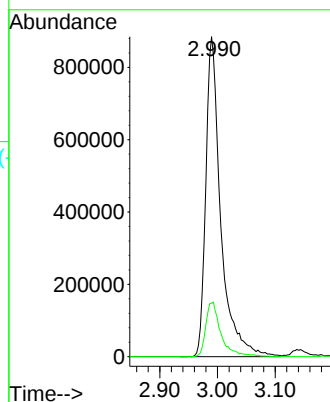
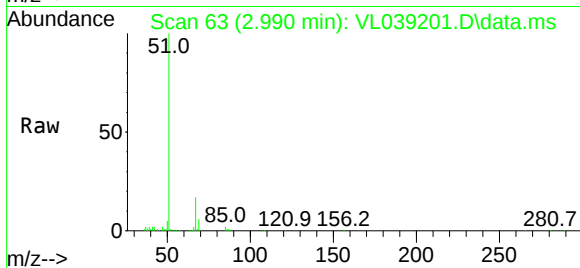
#3
Chlorodifluoromethane
Concen: 10.271 ppbv
RT: 2.990 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 51 Resp: 159066
Ion Ratio Lower Upper
51 100
67 17.5 16.2 24.4

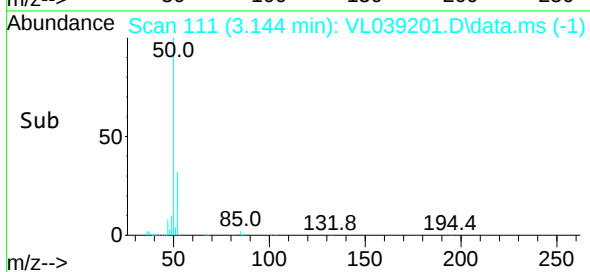
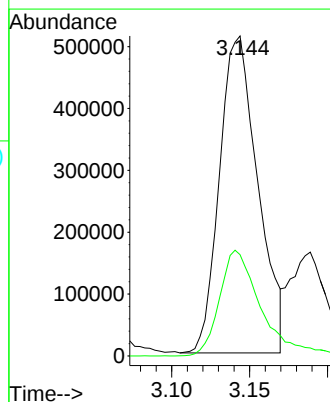
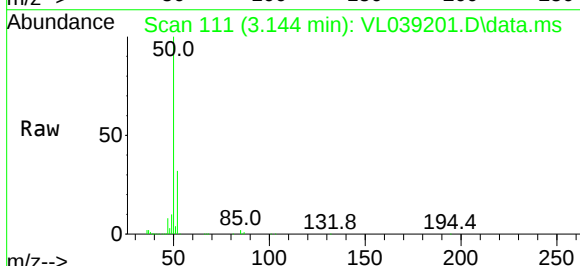
Manual Integrations
APPROVED

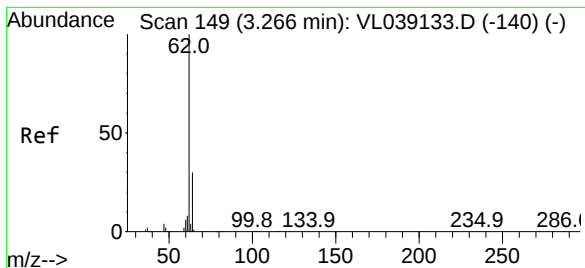
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#4
Chloromethane
Concen: 11.042 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

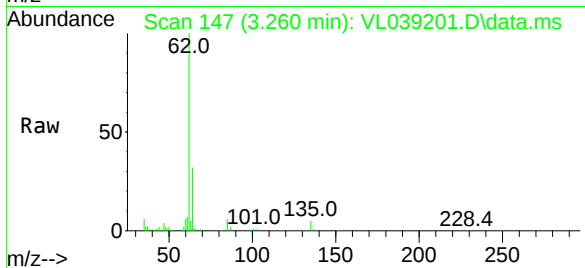
Tgt Ion: 50 Resp: 878421
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9





#5
 Vinyl Chloride
 Concen: 11.177 ppbv
 RT: 3.260 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

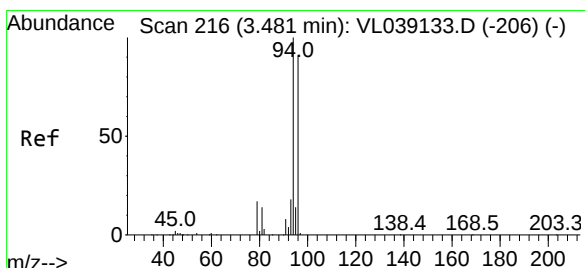
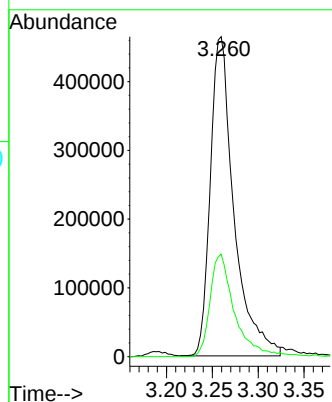
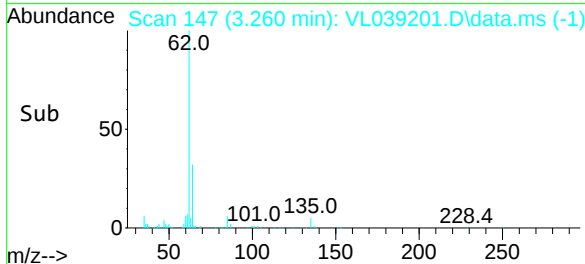
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03



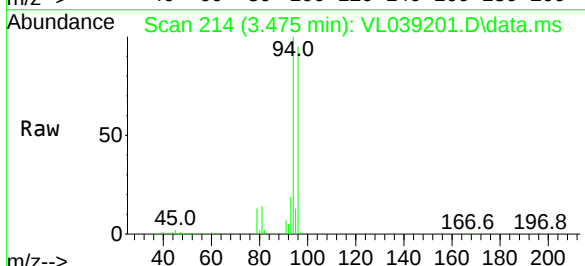
Tgt Ion: 62 Resp: 831178
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.2 36.2

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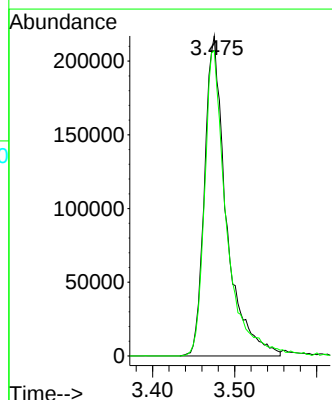
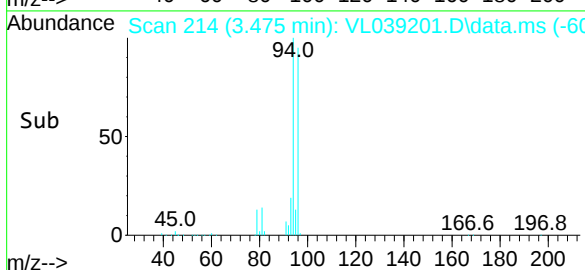
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

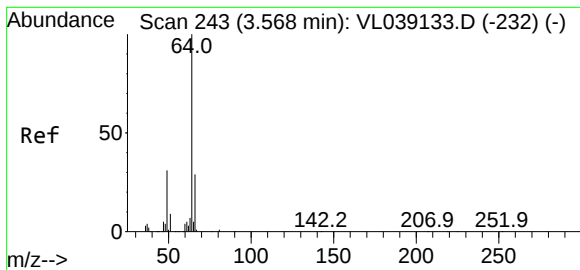


#6
 Bromomethane
 Concen: 10.953 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00



Tgt Ion: 94 Resp: 400698
 Ion Ratio Lower Upper
 94 100
 96 95.3 73.0 109.4





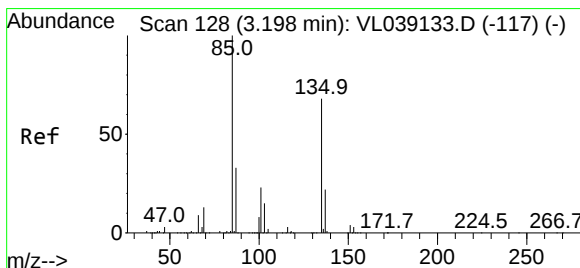
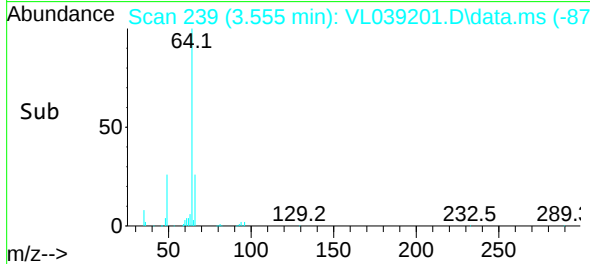
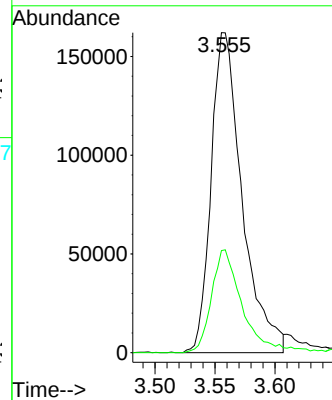
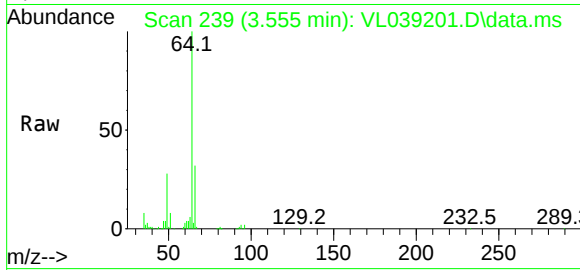
#7
Chloroethane
Concen: 11.252 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 64 Resp: 29157
Ion Ratio Lower Upper
64 100
66 31.9 23.6 35.4

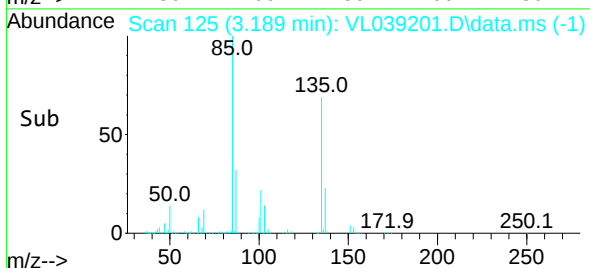
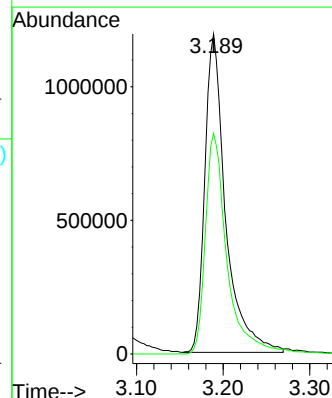
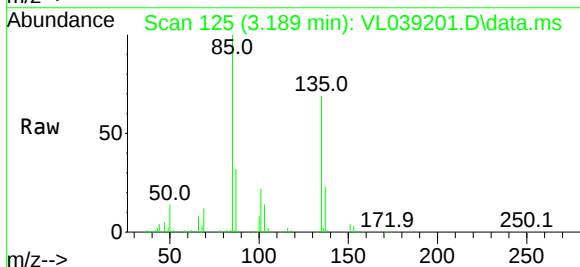
Manual Integrations
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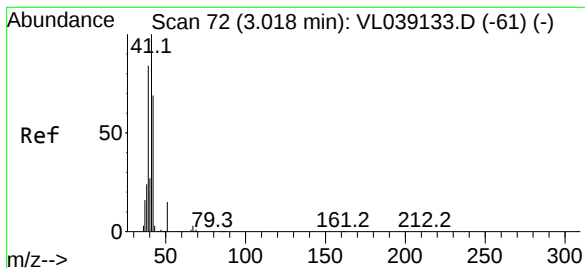
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#8
Dichlorotetrafluoroethane
Concen: 10.184 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 85 Resp: 1989799
Ion Ratio Lower Upper
85 100
135 72.6 55.0 82.4





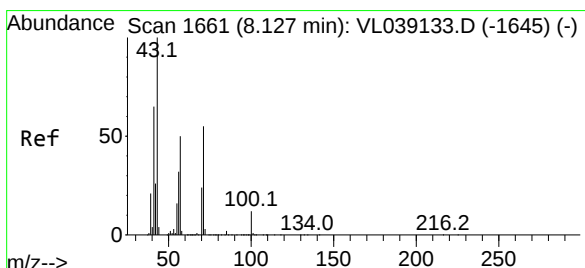
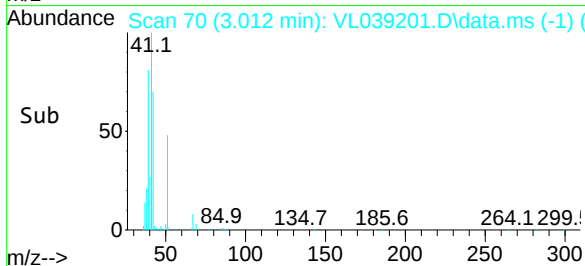
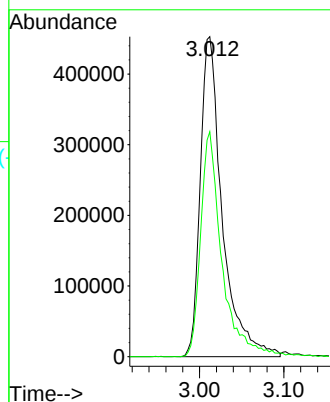
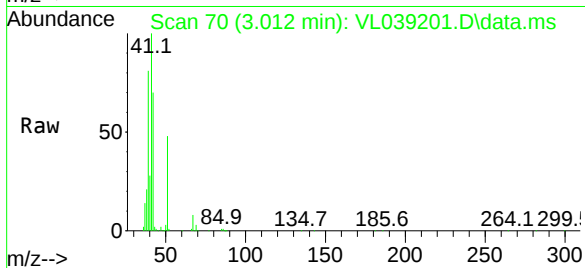
#9
 Propene
 Concen: 12.170 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03

Tgt Ion: 41 Resp: 82181
 Ion Ratio Lower Upper
 41 100
 42 68.4 55.4 83.2

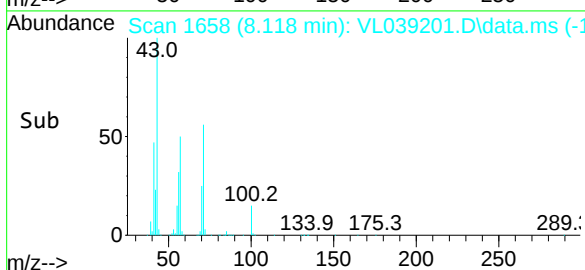
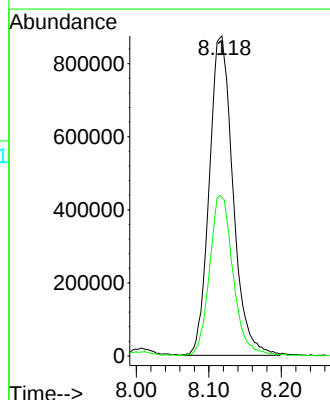
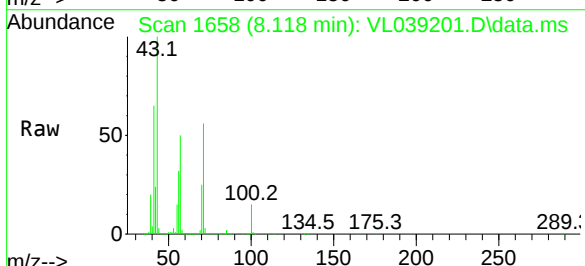
Manual Integrations
 APPROVED

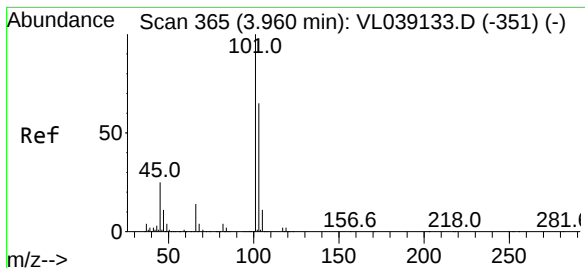
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022



#10
 Heptane
 Concen: 12.591 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. -0.009 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

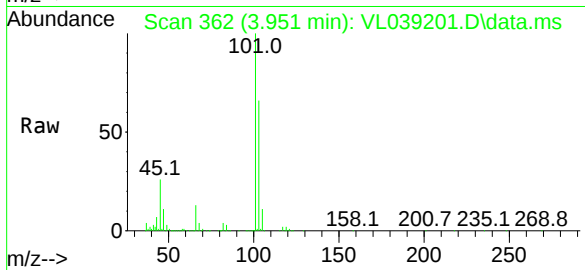
Tgt Ion: 43 Resp: 1983479
 Ion Ratio Lower Upper
 43 100
 57 50.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.232 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

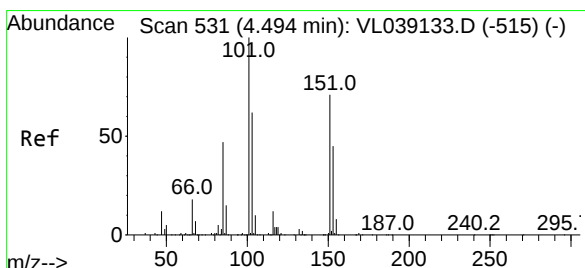
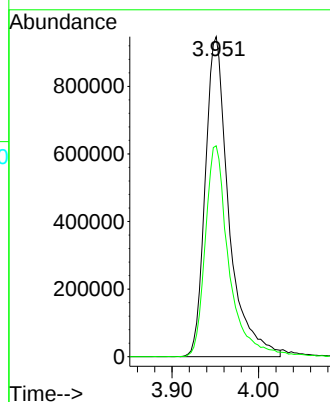
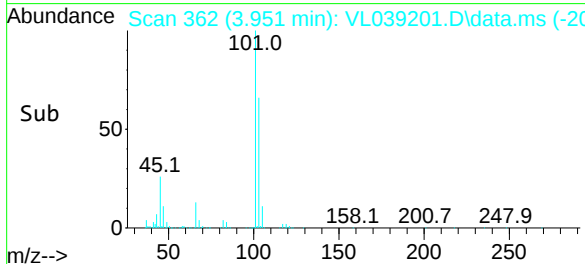
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



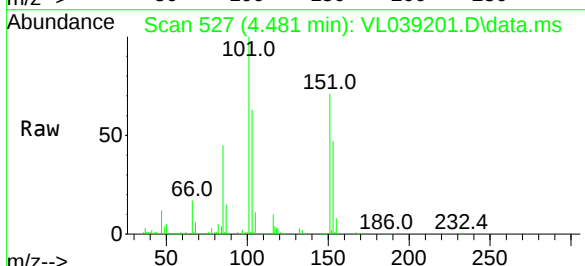
Tgt Ion:101 Resp: 1786680
Ion Ratio Lower Upper
101 100
103 65.8 51.7 77.5

Manual Integrations
APPROVED

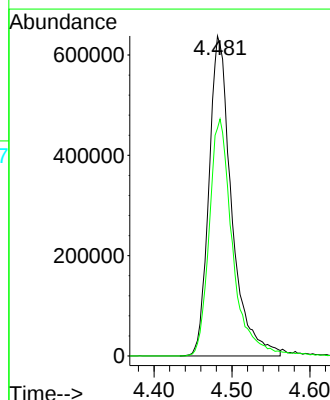
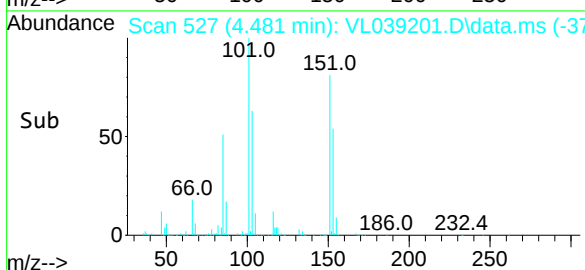
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

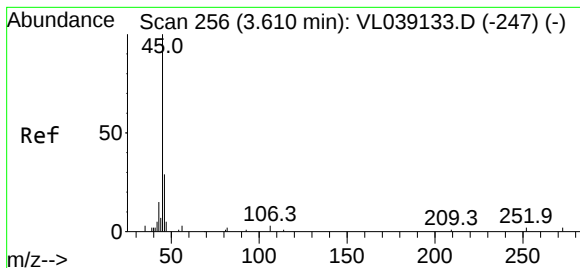


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.084 ppbv
RT: 4.481 min Scan# 527
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



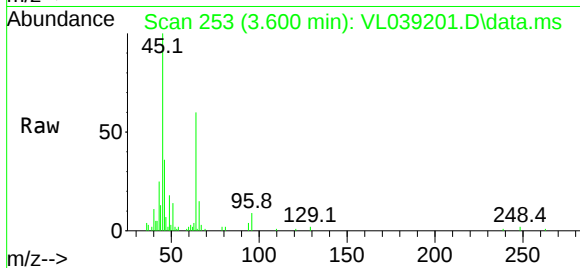
Tgt Ion:101 Resp: 1290537
Ion Ratio Lower Upper
101 100
151 76.4 59.4 89.0





#13
Ethanol
Concen: 12.176 ppbv
RT: 3.600 min Scan# 210
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

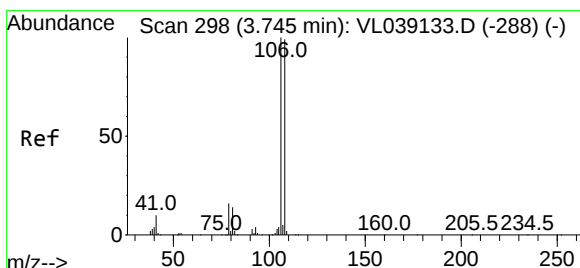
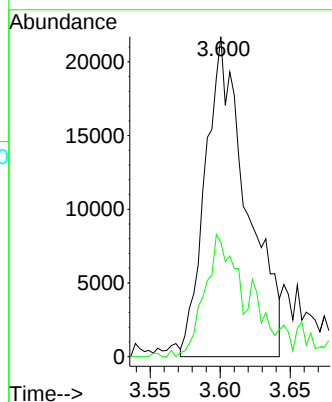
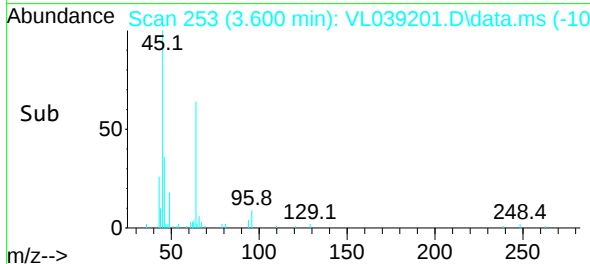
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



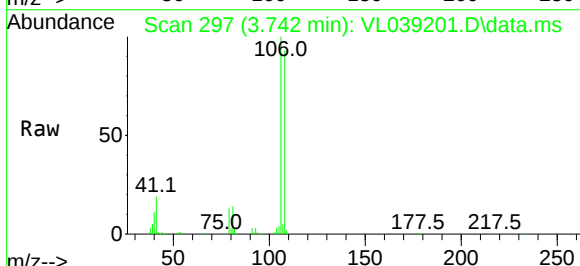
Tgt Ion: 45 Resp: 4484
Ion Ratio Lower Upper
45 100
46 46.6 0.0 0.0

Manual Integrations
APPROVED

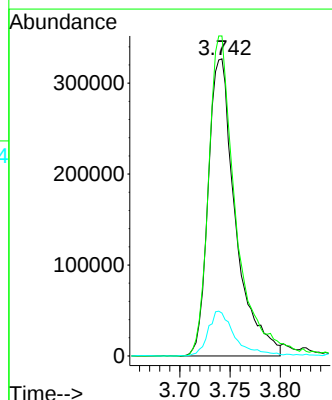
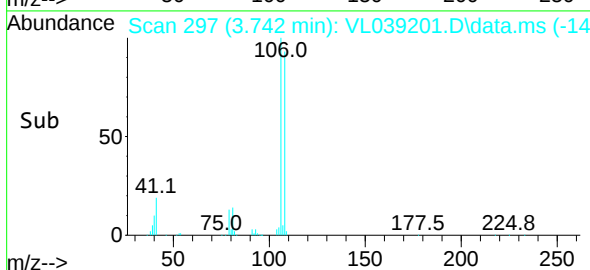
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

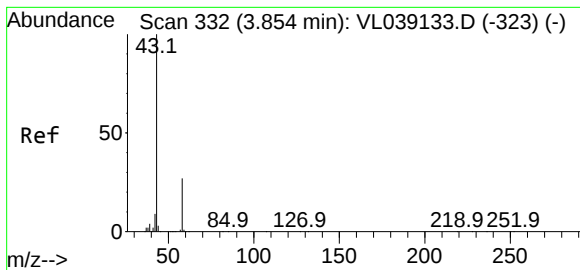


#14
Bromoethene
Concen: 10.707 ppbv
RT: 3.742 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



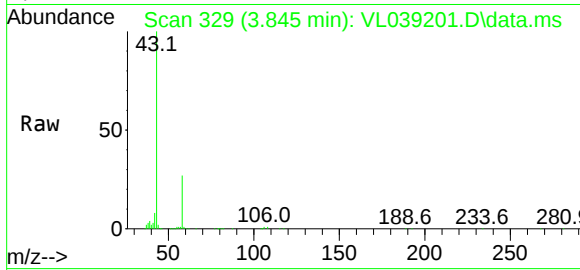
Tgt Ion:108 Resp: 616030
Ion Ratio Lower Upper
108 100
106 109.9 88.4 132.6
79 15.3 13.4 20.2





#15
Acetone
Concen: 10.815 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

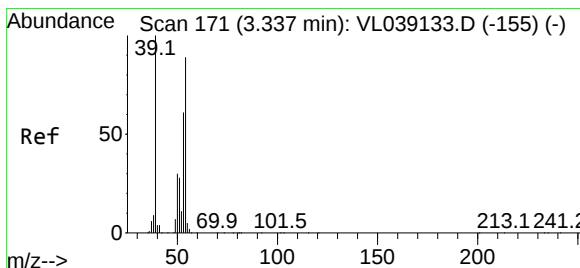
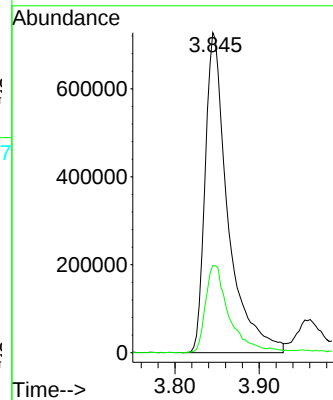
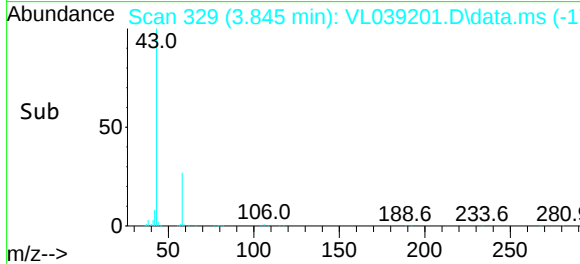
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



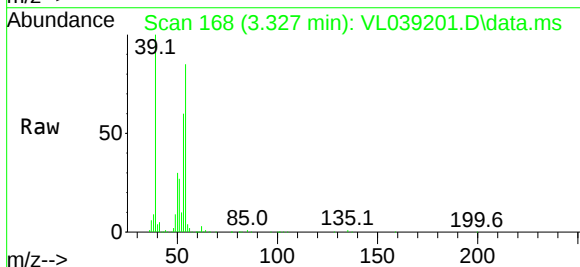
Tgt Ion: 43 Resp: 1371292
Ion Ratio Lower Upper
43 100
58 28.7 22.5 33.7

Manual Integrations
APPROVED

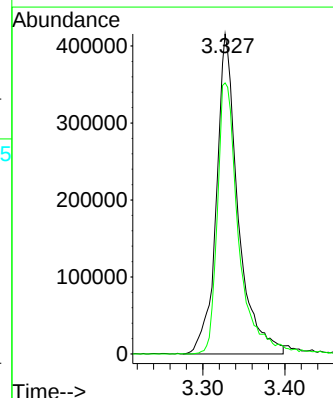
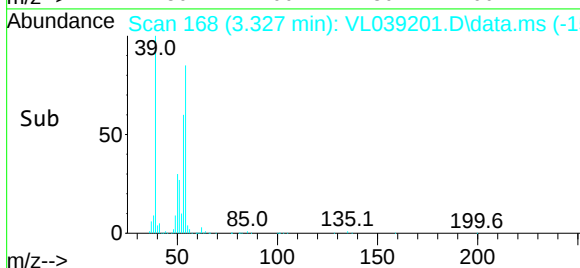
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

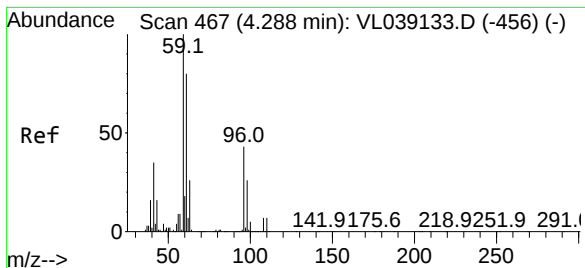


#16
1,3-Butadiene
Concen: 11.228 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



Tgt Ion: 39 Resp: 765249
Ion Ratio Lower Upper
39 100
54 84.4 65.8 98.6





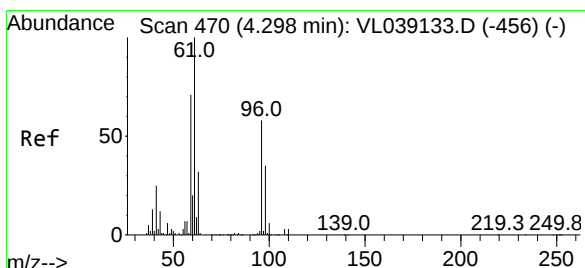
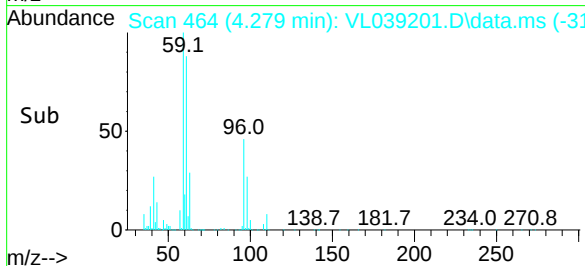
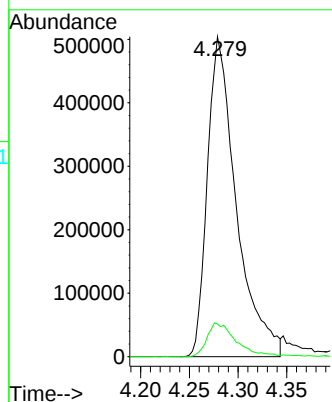
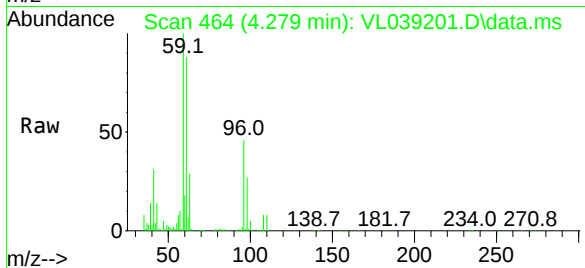
#17
tert-Butyl alcohol
Concen: 10.581 ppbv
RT: 4.279 min Scan# 40
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 59 Resp: 104059
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

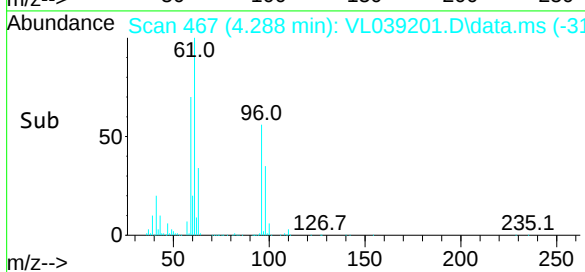
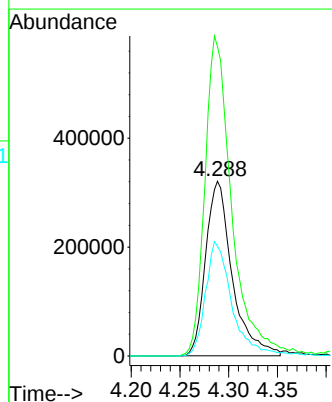
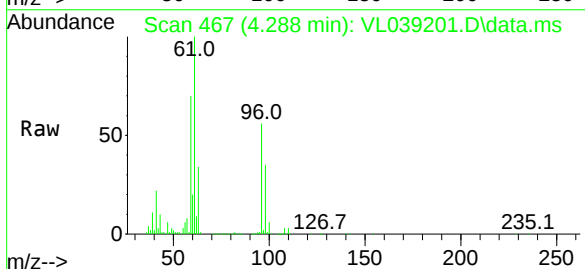
Manual Integrations
APPROVED

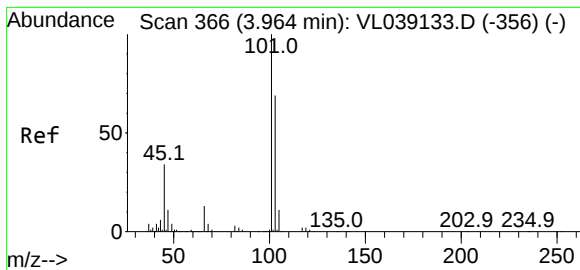
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#18
1,1-Dichloroethene
Concen: 10.604 ppbv
RT: 4.288 min Scan# 467
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

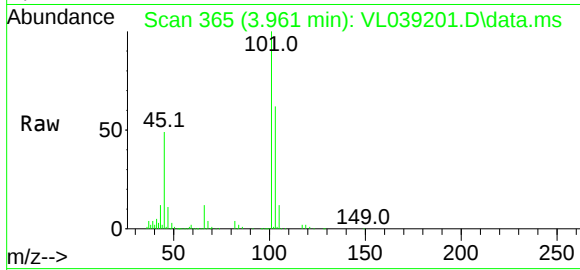
Tgt Ion: 96 Resp: 608774
Ion Ratio Lower Upper
96 100
61 177.1 138.4 207.6
98 62.7 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.630 ppbv
RT: 3.961 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

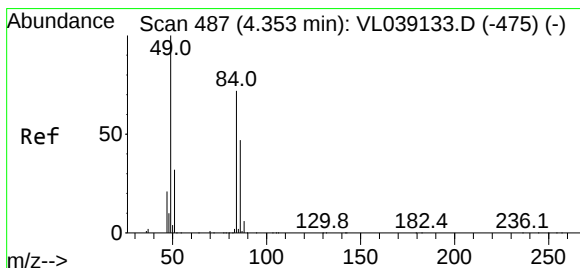
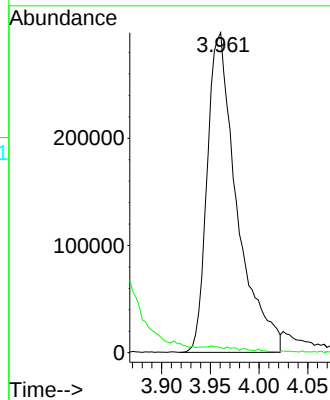
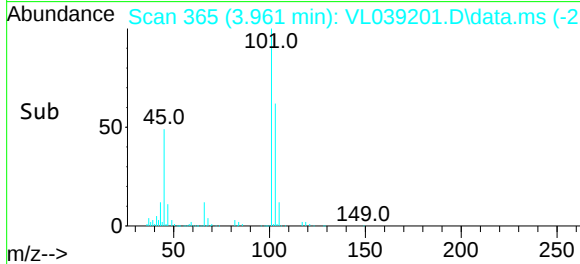
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



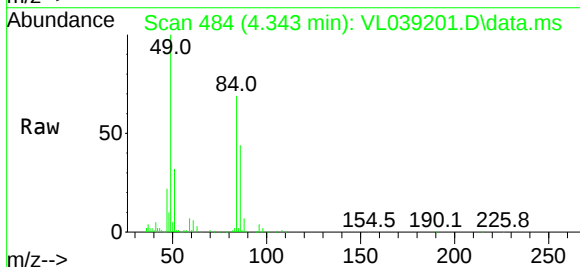
Tgt Ion: 45 Resp: 632160
Ion Ratio Lower Upper
45 100
58 65.4 1.8 2.8

Manual Integrations
APPROVED

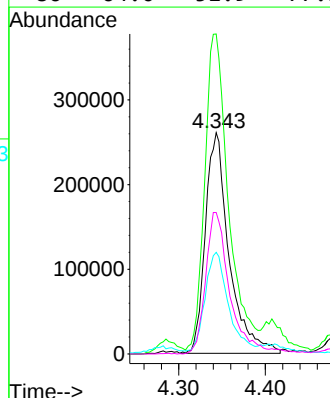
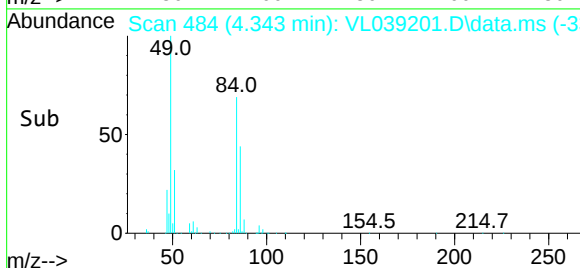
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

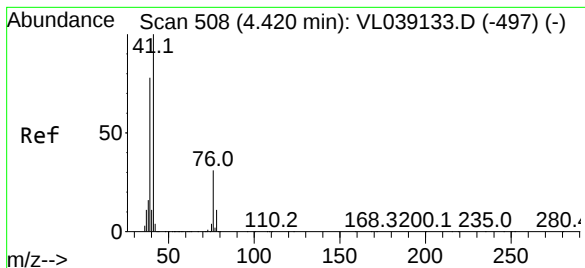


#20
Methylene Chloride
Concen: 9.297 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



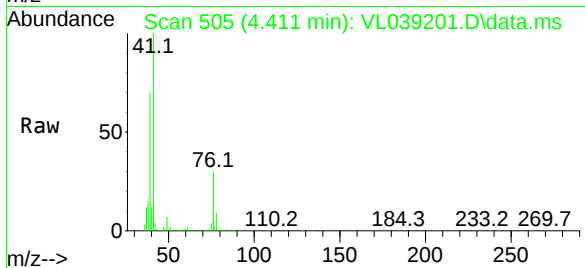
Tgt Ion: 84 Resp: 496768
Ion Ratio Lower Upper
84 100
49 142.0 111.1 166.7
51 44.6 35.3 52.9
86 64.0 51.9 77.9





#21
 Allyl Chloride
 Concen: 10.968 ppbv
 RT: 4.411 min Scan# 508
 Delta R.T. -0.009 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

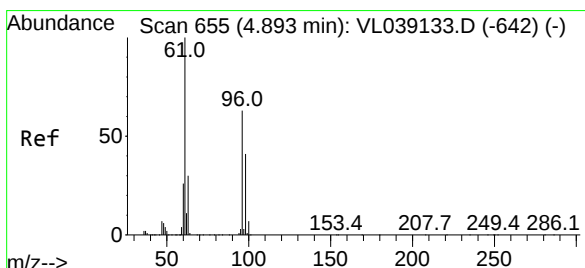
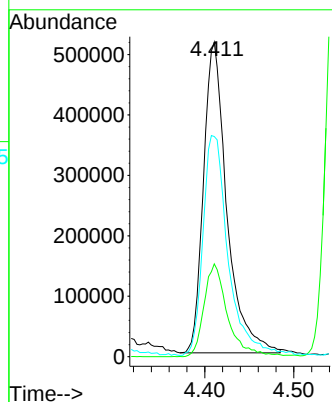
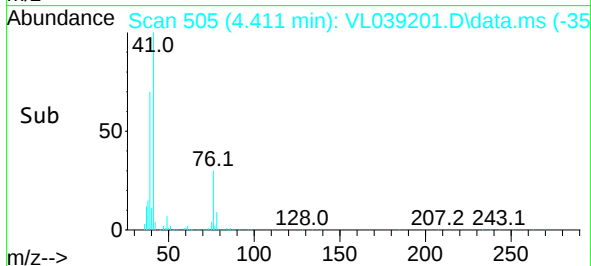
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03



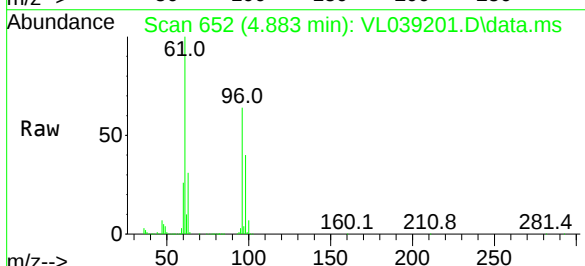
Tgt Ion: 41 Resp: 938115
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.2 36.2
 39 76.1 62.2 93.2

Manual Integrations
 APPROVED

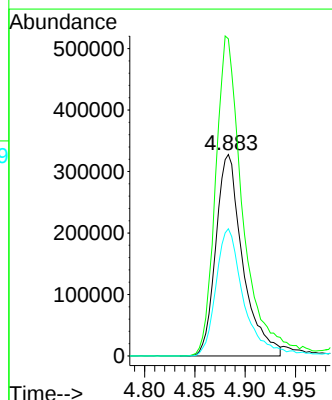
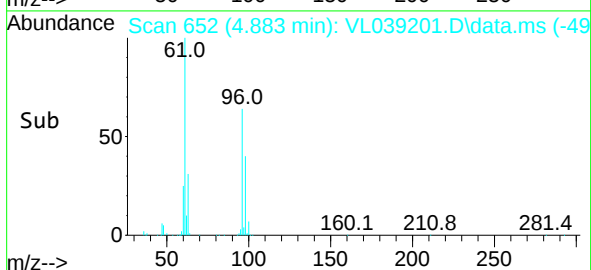
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

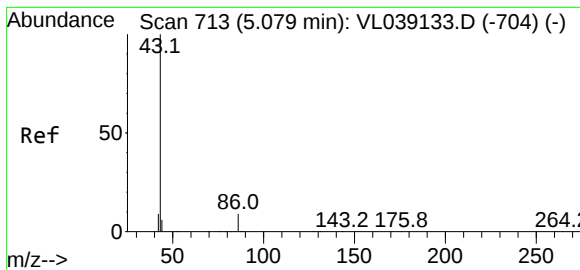


#22
 trans-1,2-Dichloroethene
 Concen: 11.040 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.009 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00



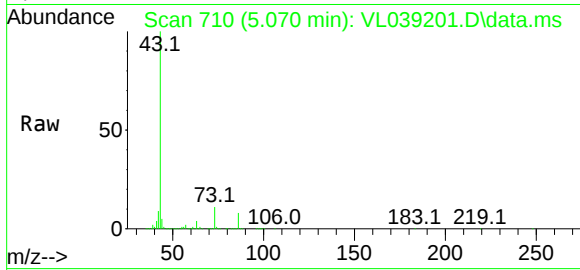
Tgt Ion: 96 Resp: 609853
 Ion Ratio Lower Upper
 96 100
 61 157.4 126.6 190.0
 98 63.2 52.5 78.7





#23
 Vinyl Acetate
 Concen: 13.056 ppbv
 RT: 5.070 min Scan# 713
 Delta R.T. -0.010 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03

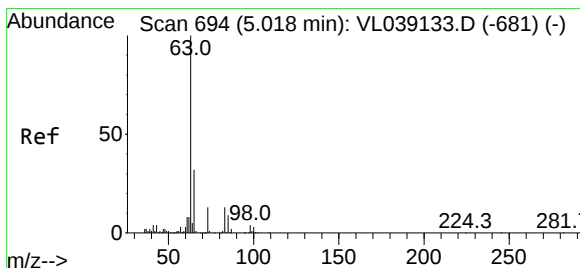
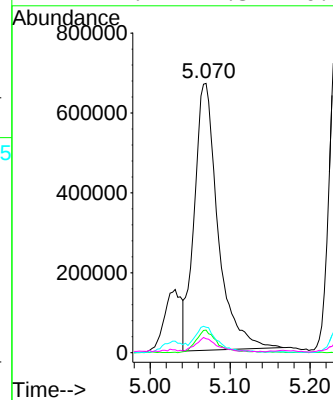
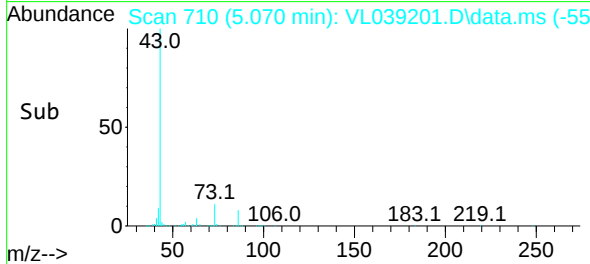


Tgt Ion: 43 Resp: 136963

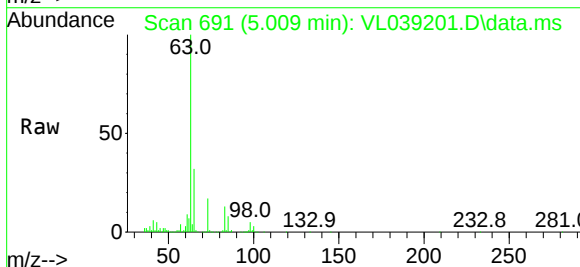
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.0	9.0
42	9.3	8.2	12.4
44	4.7	4.3	6.5

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

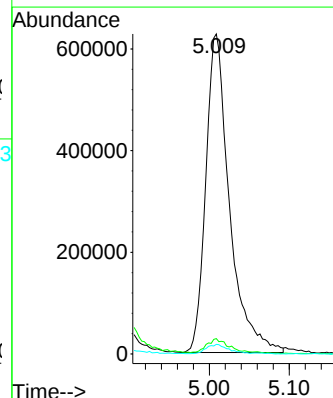
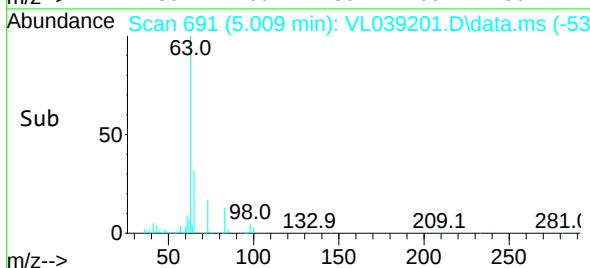


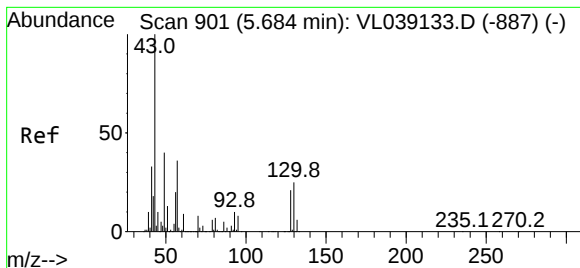
#24
 1,1-Dichloroethane
 Concen: 8.990 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.009 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00



Tgt Ion: 63 Resp: 1292188

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	3.0	1.5	4.5





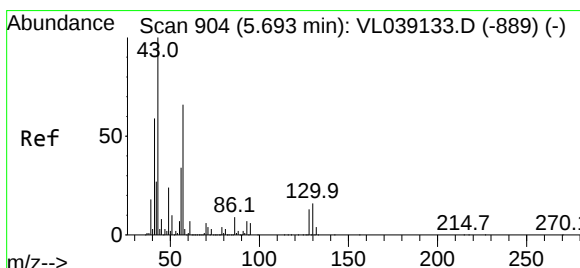
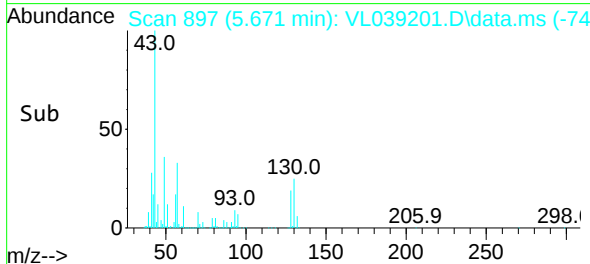
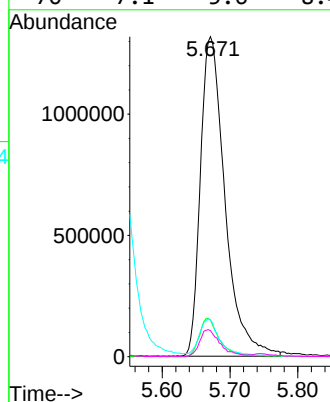
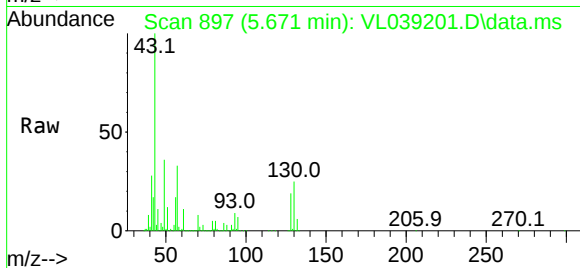
#25
Ethyl Acetate
Concen: 11.601 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 43 Resp: 3315070
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.5 8.4 12.6
70 7.1 5.6 8.4

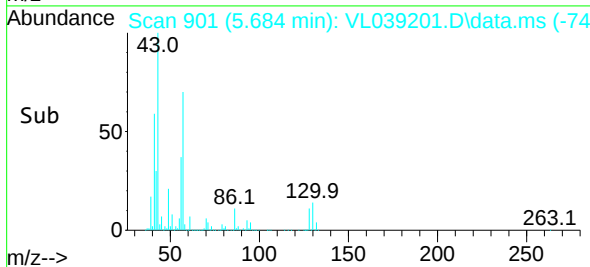
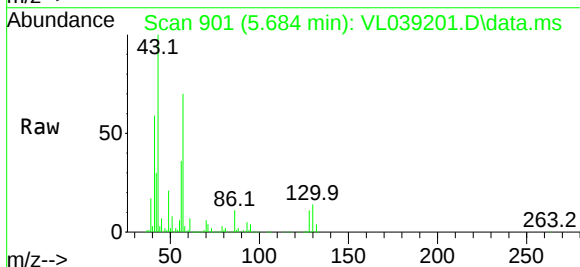
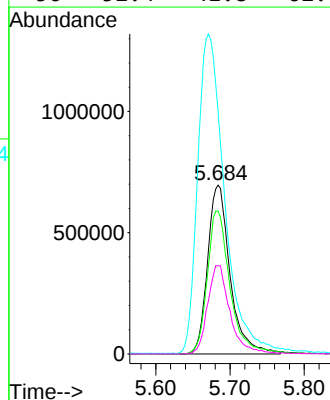
Manual Integrations
APPROVED

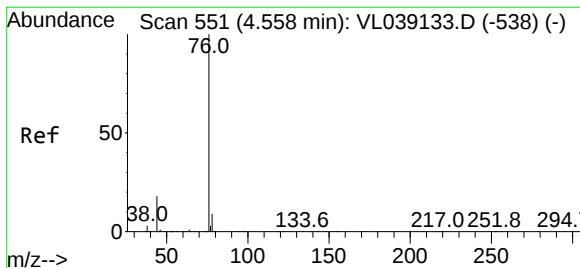
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#26
Hexane
Concen: 11.654 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

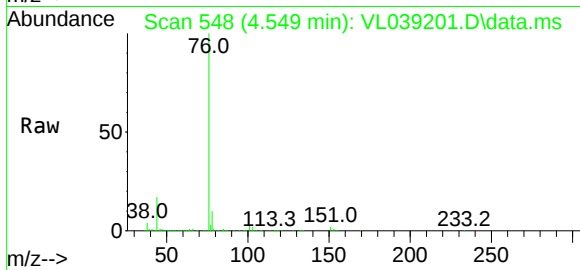
Tgt Ion: 57 Resp: 1463580
Ion Ratio Lower Upper
57 100
41 86.4 72.4 108.6
43 228.9 187.0 280.6
56 52.4 41.8 62.6





#27
Carbon Disulfide
Concen: 10.858 ppbv
RT: 4.549 min Scan# 549
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

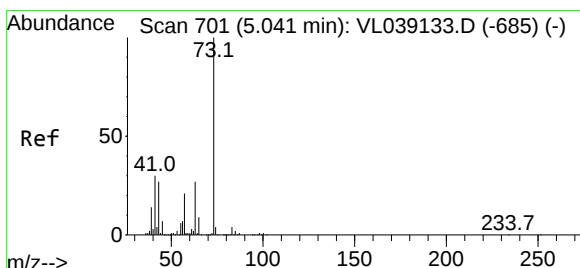
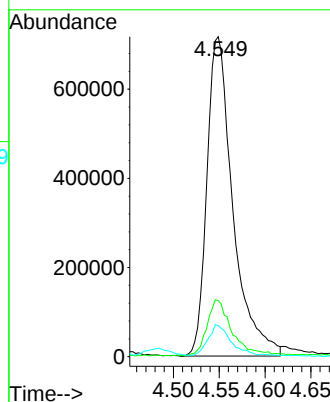
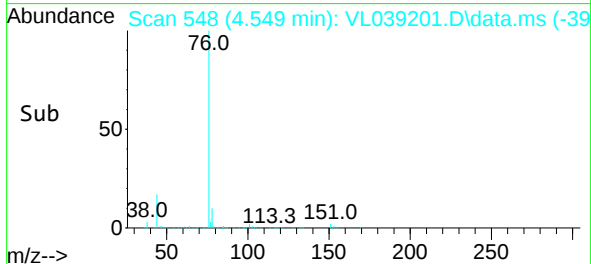


Tgt Ion: 76 Resp: 141329

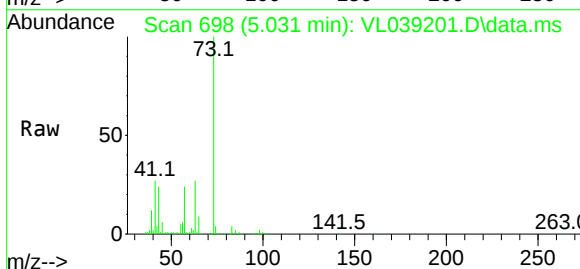
Ion	Ratio	Lower	Upper
76	100		
44	17.8	14.4	21.6
78	9.8	7.7	11.5

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

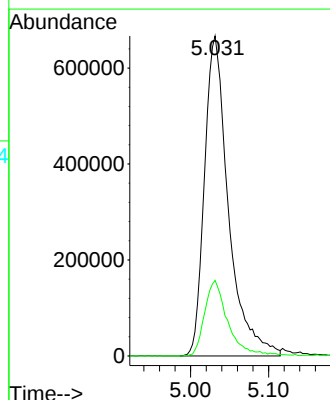
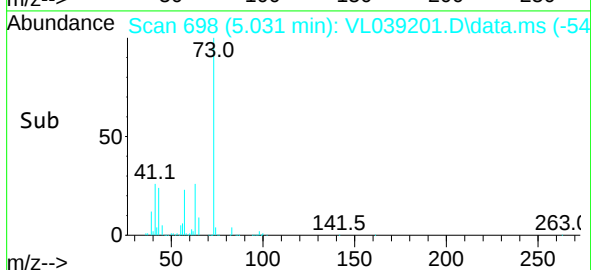


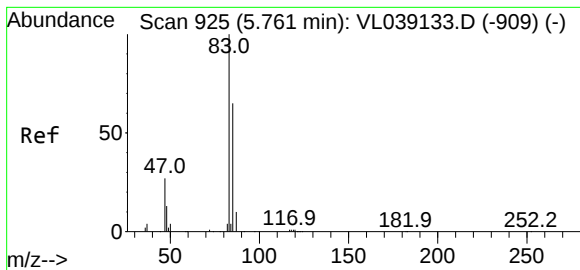
#28
Methyl tert-Butyl Ether
Concen: 10.282 ppbv
RT: 5.031 min Scan# 698
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



Tgt Ion: 73 Resp: 1425532

Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.6	27.8





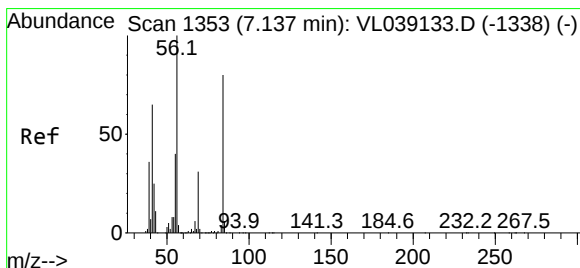
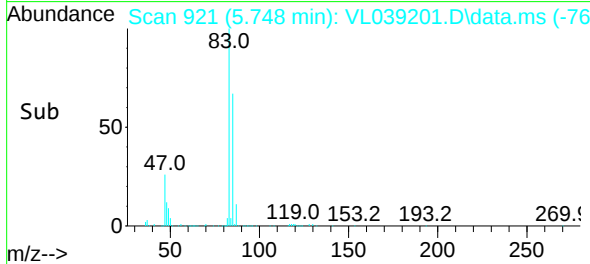
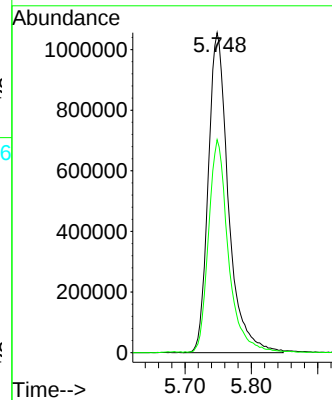
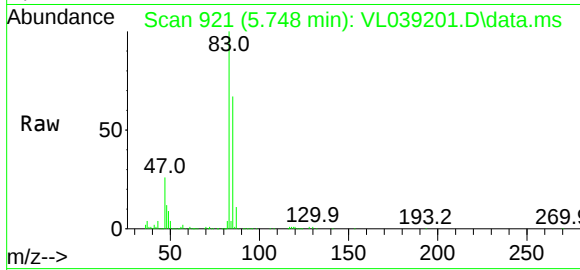
#29
Chloroform
Concen: 10.570 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 83 Resp: 2233624
Ion Ratio Lower Upper
83 100
85 66.4 52.4 78.6

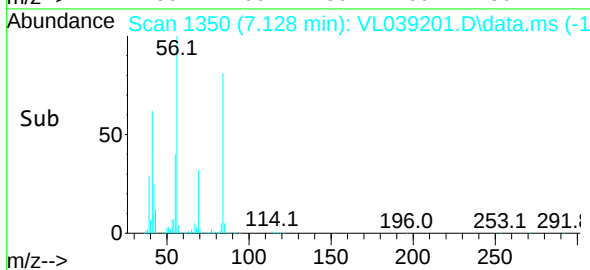
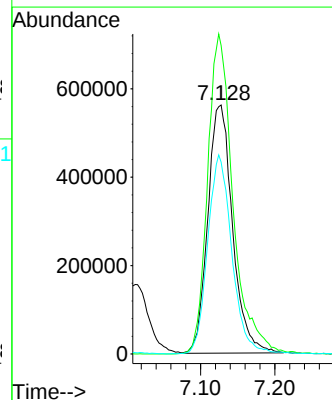
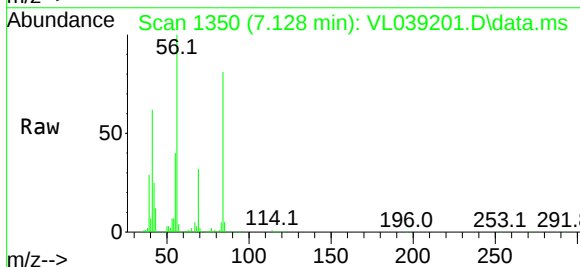
Manual Integrations
APPROVED

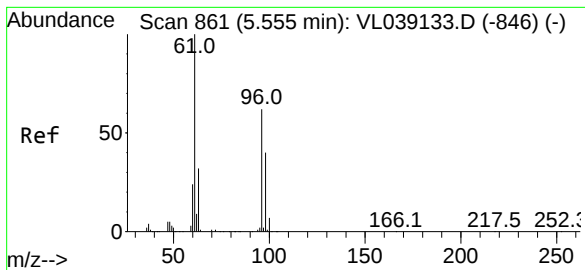
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#30
Cyclohexane
Concen: 12.334 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

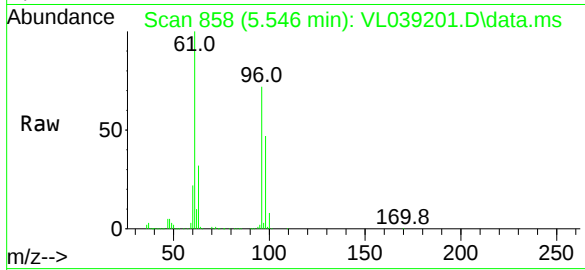
Tgt Ion: 84 Resp: 1301198
Ion Ratio Lower Upper
84 100
56 132.8 110.6 165.8
41 78.5 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 11.119 ppbv
RT: 5.546 min Scan# 81
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

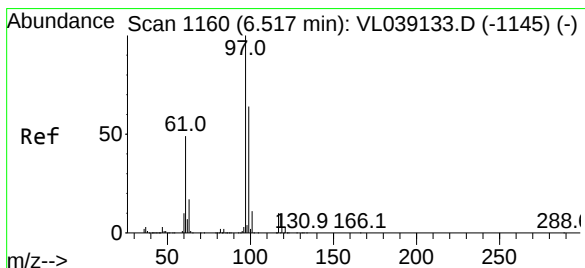
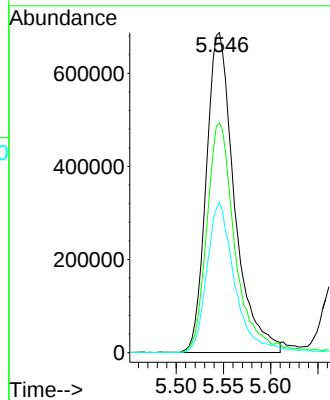
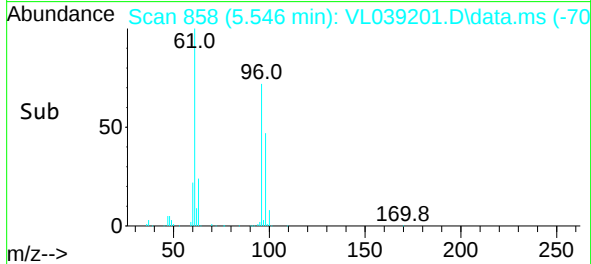
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



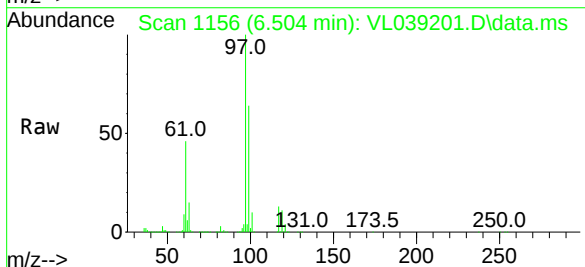
Tgt Ion: 61 Resp: 1423839
Ion Ratio Lower Upper
61 100
96 71.8 49.9 74.9
98 46.9 32.0 48.0

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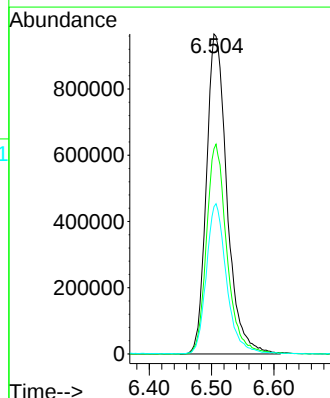
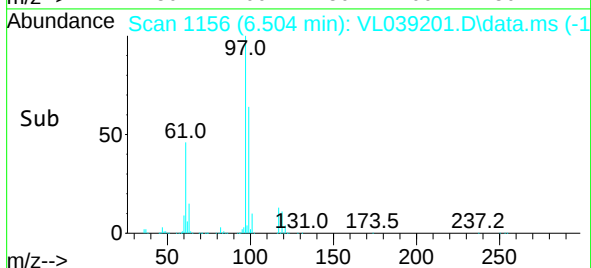
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

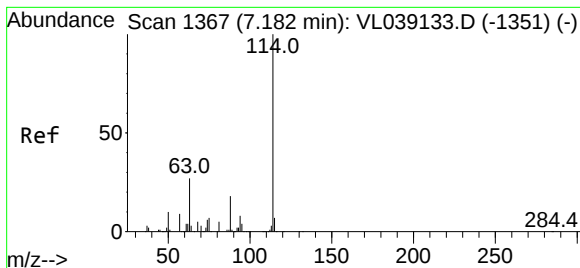


#32
1,1,1-Trichloroethane
Concen: 10.725 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



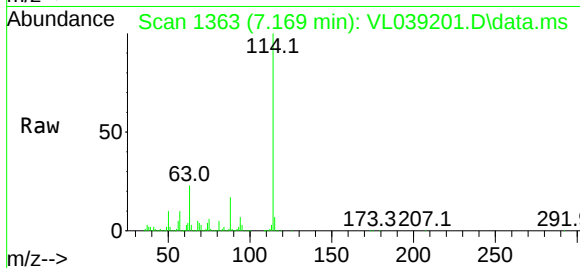
Tgt Ion: 97 Resp: 2217853
Ion Ratio Lower Upper
97 100
99 64.9 52.1 78.1
61 46.1 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

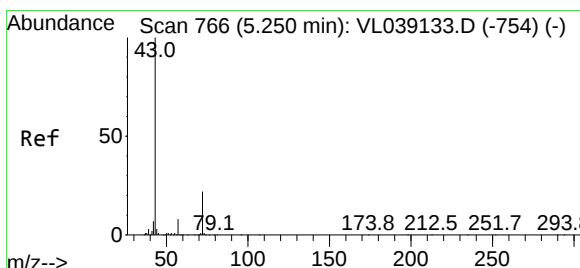
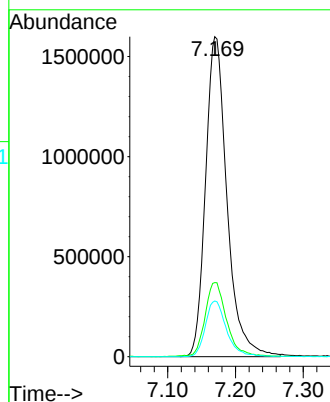
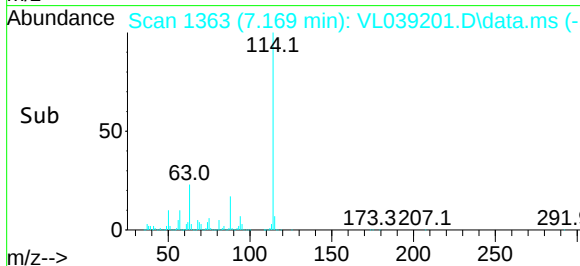
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



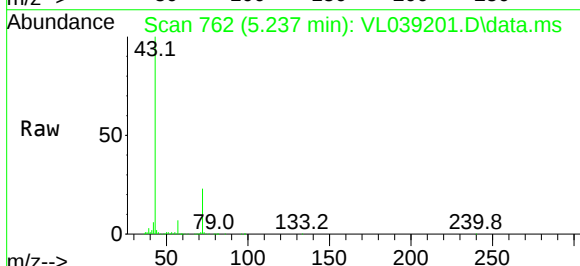
Tgt Ion:114 Resp: 3514749
Ion Ratio Lower Upper
114 100
63 23.5 21.7 32.5
88 17.3 14.8 22.2

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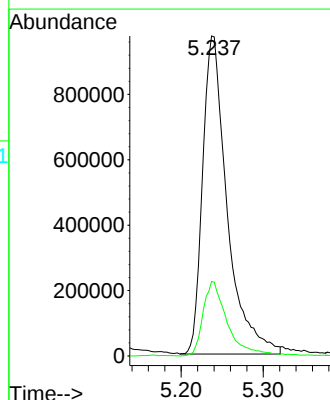
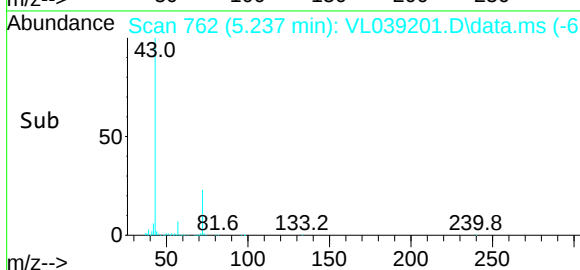
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

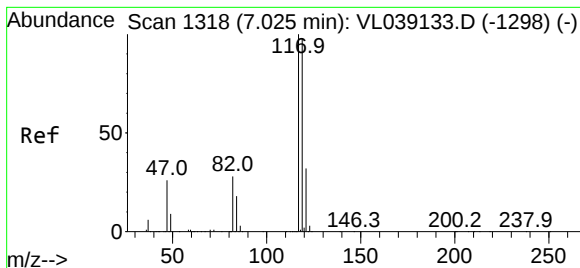


#34
2-Butanone
Concen: 10.617 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



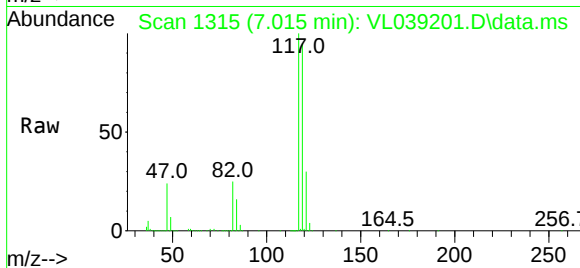
Tgt Ion: 43 Resp: 2027250
Ion Ratio Lower Upper
43 100
72 23.8 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.727 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

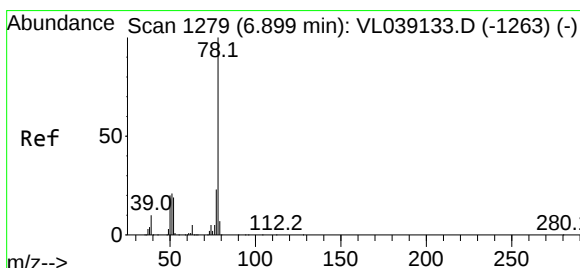
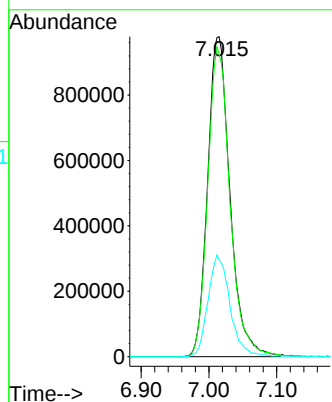
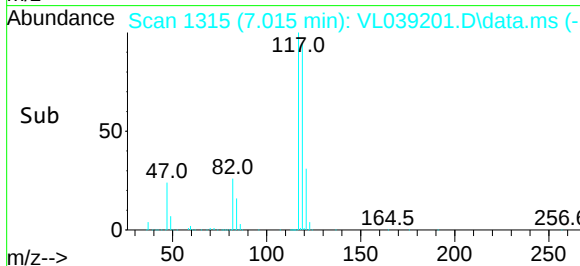
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



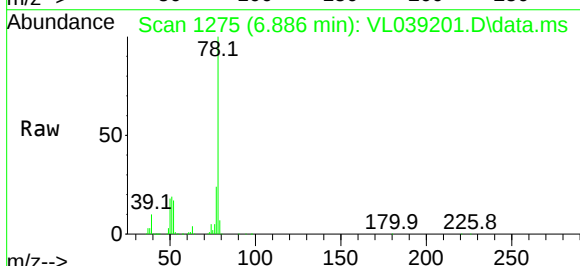
Tgt Ion: 117 Resp: 223883
Ion Ratio Lower Upper
117 100
119 94.7 78.6 118.0
121 30.4 25.4 38.0

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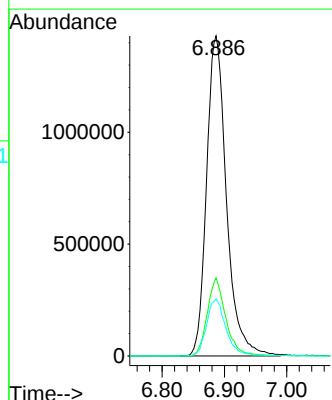
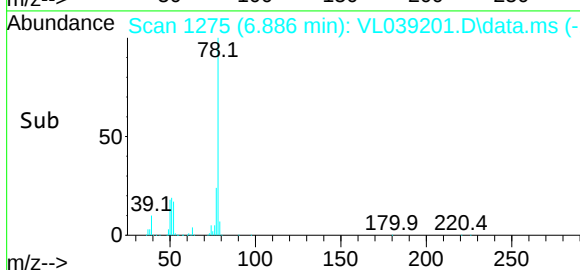
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

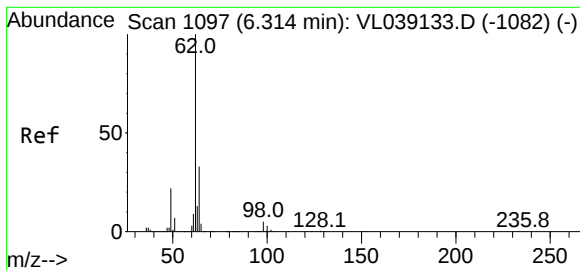


#36
Benzene
Concen: 11.108 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



Tgt Ion: 78 Resp: 3169710
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8
50 17.8 15.8 23.8





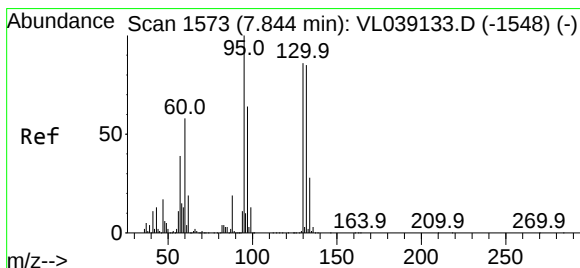
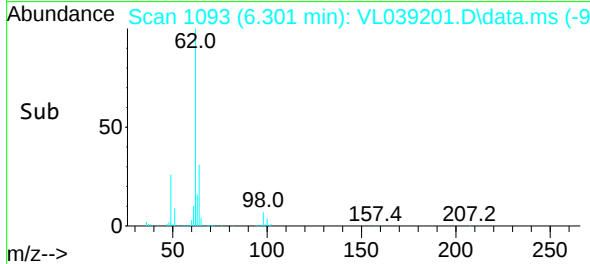
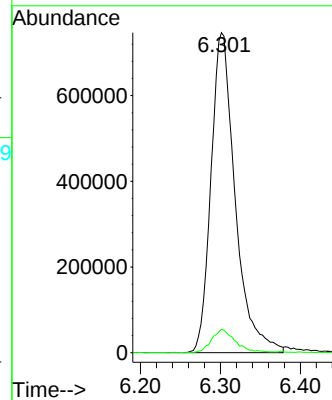
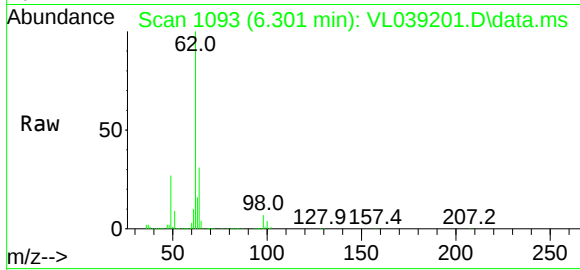
#37
1,2-Dichloroethane
Concen: 8.375 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 62 Resp: 1572780
Ion Ratio Lower Upper
62 100
98 7.4 4.3 6.5

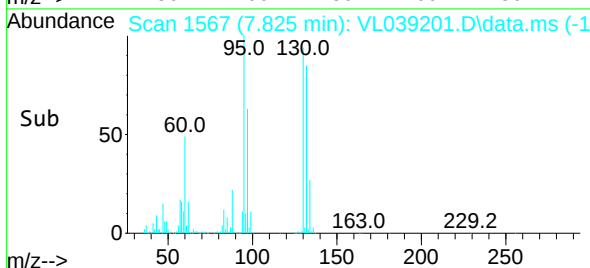
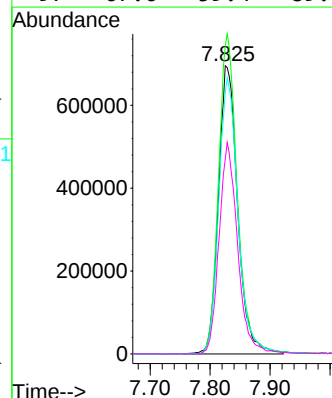
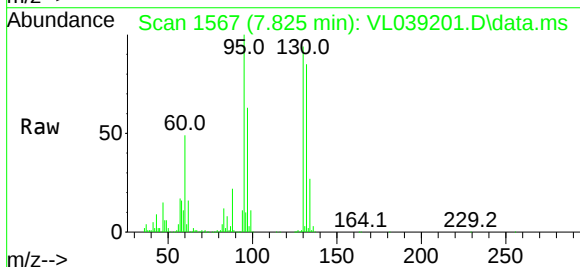
Manual Integrations
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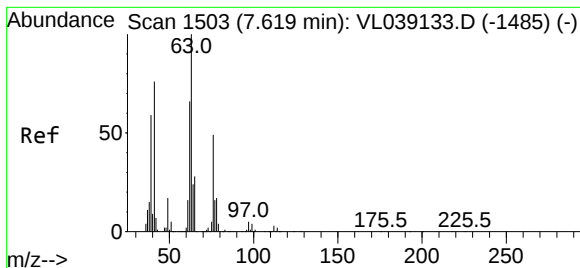
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#38
Trichloroethene
Concen: 11.771 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

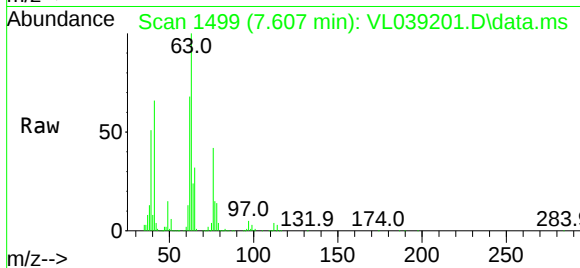
Tgt Ion:130 Resp: 1542768
Ion Ratio Lower Upper
130 100
95 106.9 93.3 139.9
132 90.9 79.0 118.4
97 67.6 59.4 89.2





#39
1,2-Dichloropropane
Concen: 10.684 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

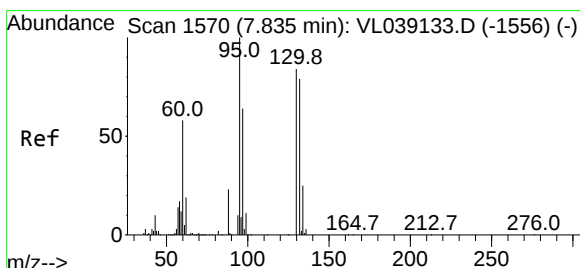
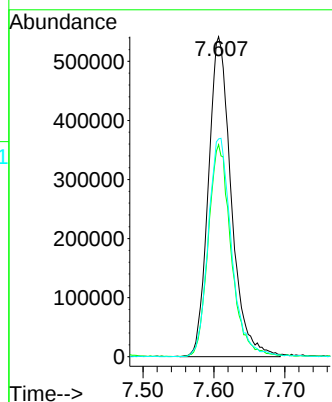
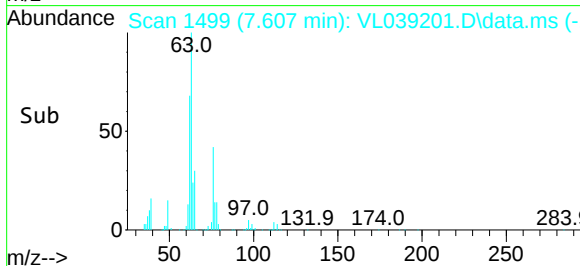
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



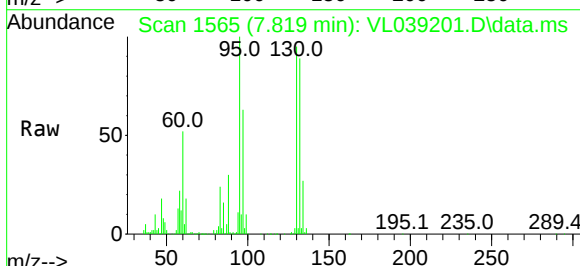
Tgt Ion: 63 Resp: 1212670
Ion Ratio Lower Upper
63 100
41 66.1 60.8 91.2
62 68.0 52.9 79.3

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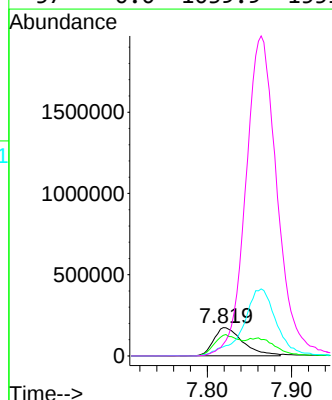
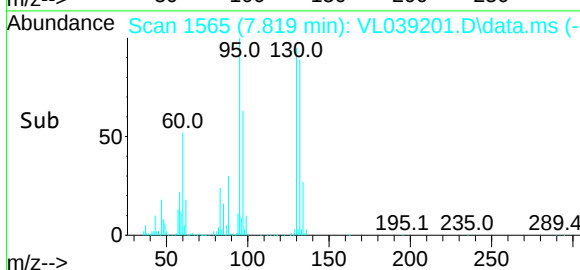
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

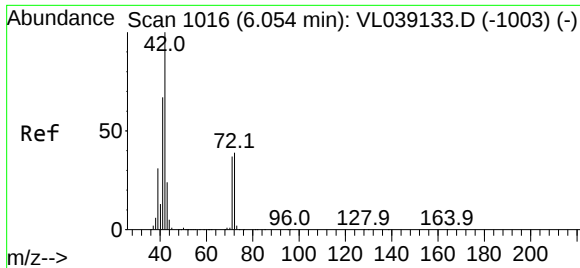


#40
1,4-Dioxane
Concen: 11.234 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



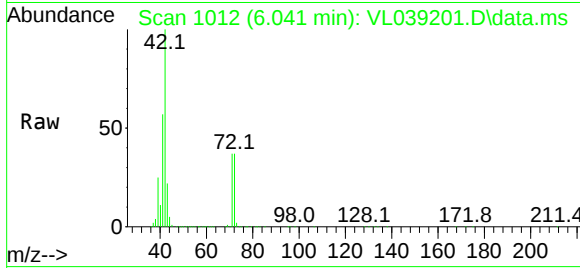
Tgt Ion: 88 Resp: 419767
Ion Ratio Lower Upper
88 100
58 62.3 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 11.376 ppbv
RT: 6.041 min Scan# 1016
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

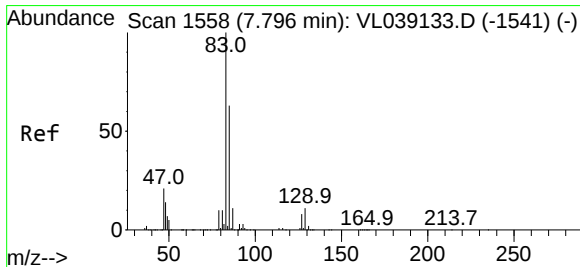
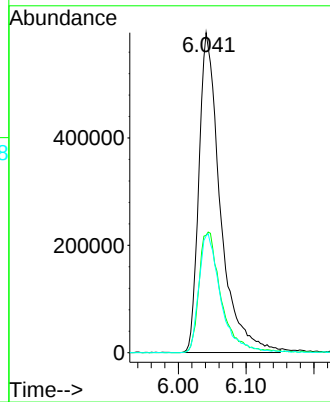
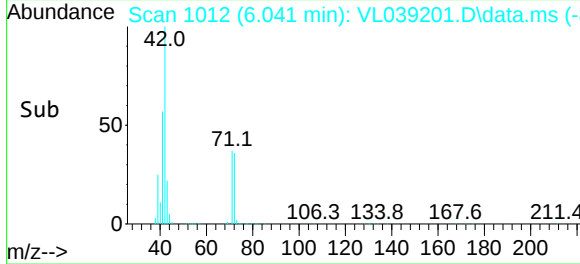
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



Tgt Ion: 42 Resp: 130651
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 38.2 31.1 46.7

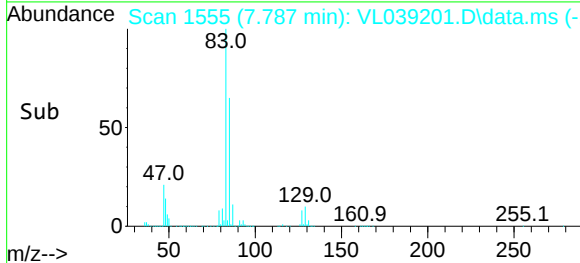
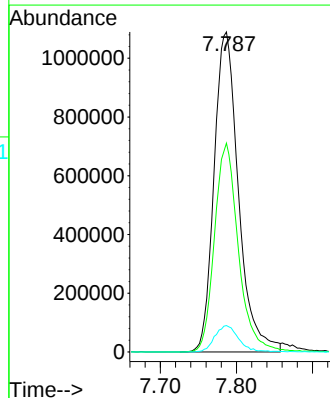
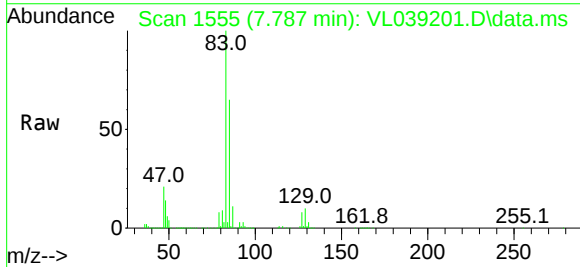
Manual Integrations
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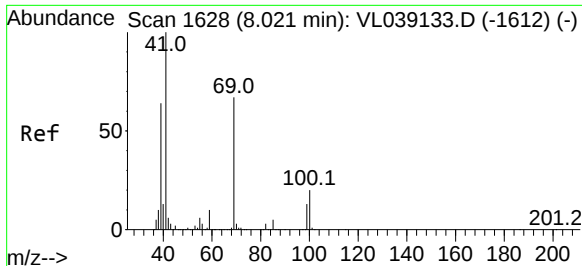
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#42
Bromodichloromethane
Concen: 9.325 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion: 83 Resp: 2430374
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 8.3 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.408 ppbv

RT: 8.005 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL039201.D

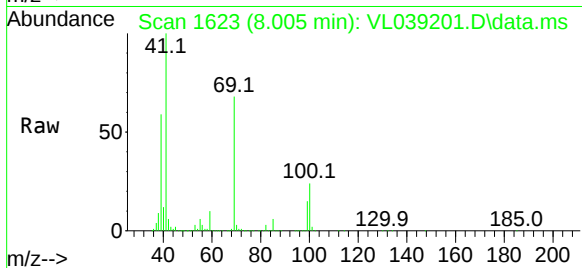
Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03



Tgt Ion: 69 Resp: 126797

Ion Ratio Lower Upper

69 100

41 146.3 121.9 182.9

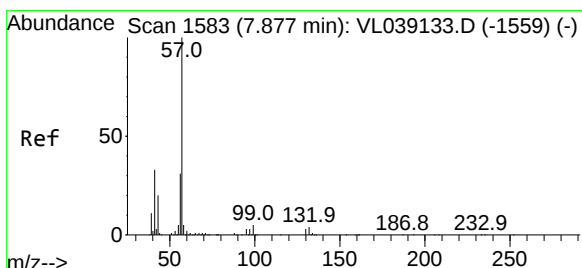
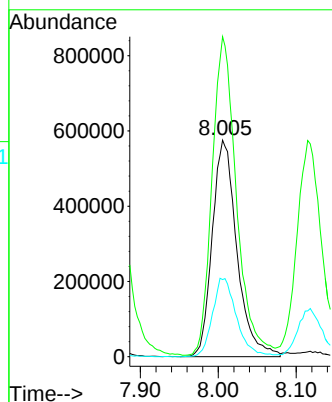
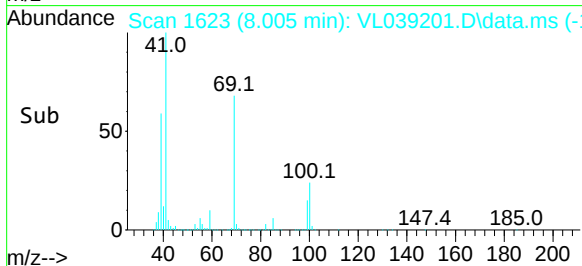
100 35.5 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#44

2,2,4-Trimethylpentane

Concen: 10.209 ppbv

RT: 7.864 min Scan# 1579

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

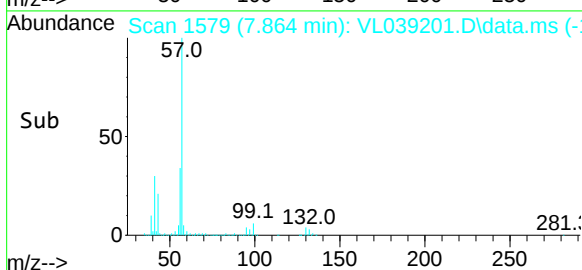
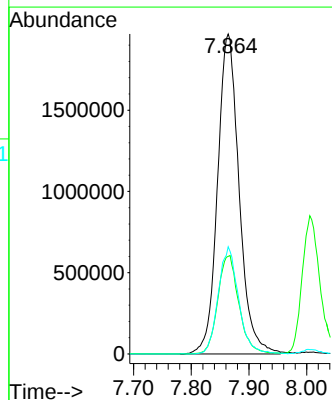
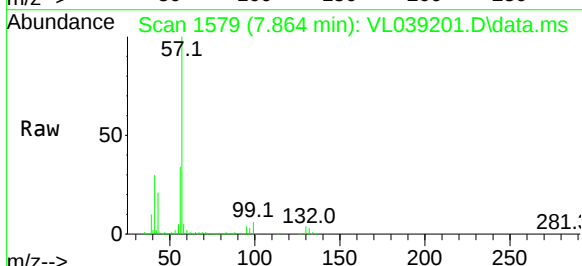
Tgt Ion: 57 Resp: 5095936

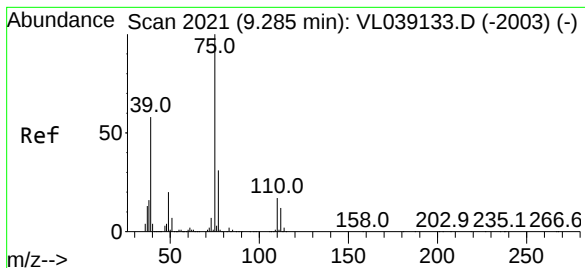
Ion Ratio Lower Upper

57 100

41 30.2 26.2 39.4

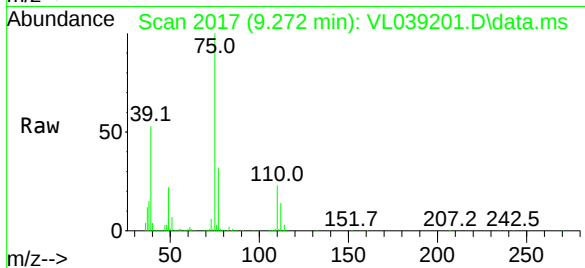
56 31.6 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 11.721 ppbv
RT: 9.272 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

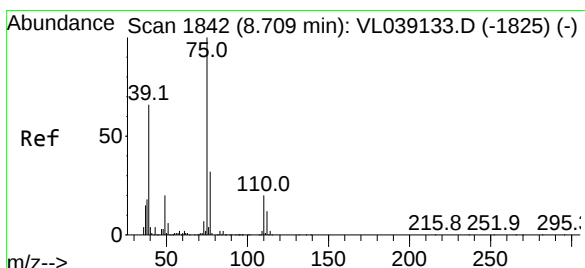
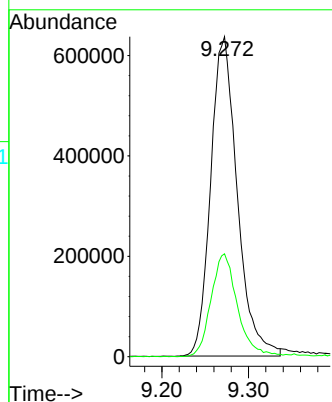
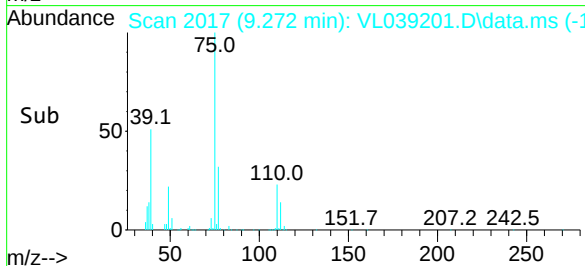
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



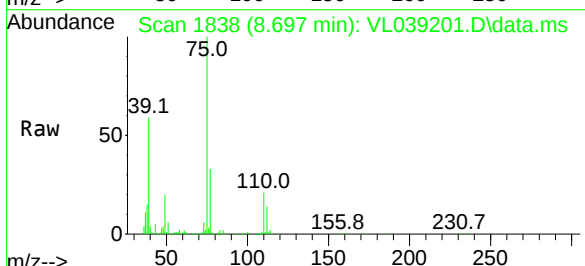
Tgt Ion: 75 Resp: 135679
Ion Ratio Lower Upper
75 100
77 32.1 24.4 36.6

Manual Integrations
APPROVED

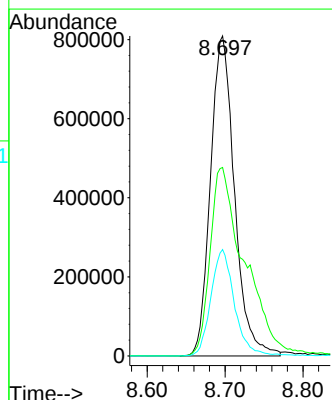
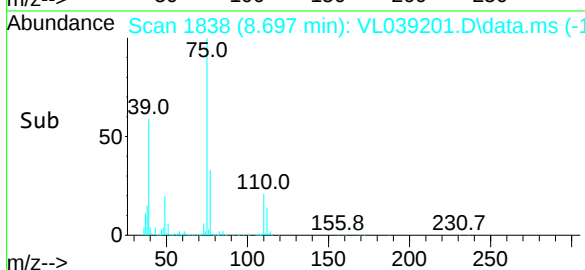
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

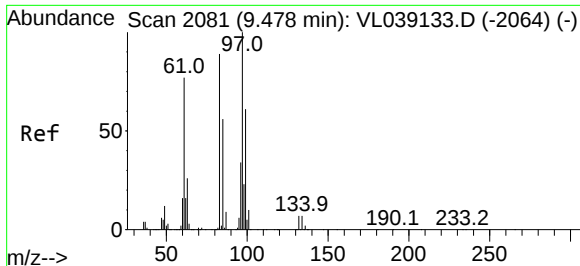


#46
cis-1,3-Dichloropropene
Concen: 11.347 ppbv
RT: 8.697 min Scan# 1838
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



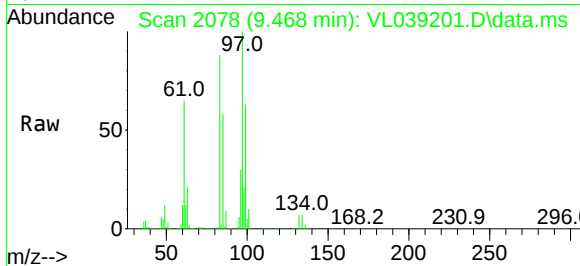
Tgt Ion: 75 Resp: 1735171
Ion Ratio Lower Upper
75 100
39 58.9 52.4 78.6
77 33.2 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 11.000 ppbv
RT: 9.468 min Scan# 2081
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

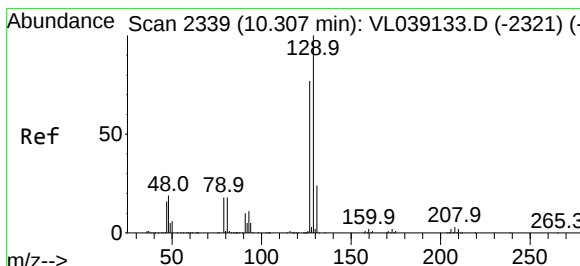
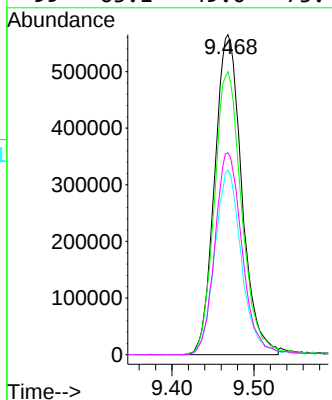
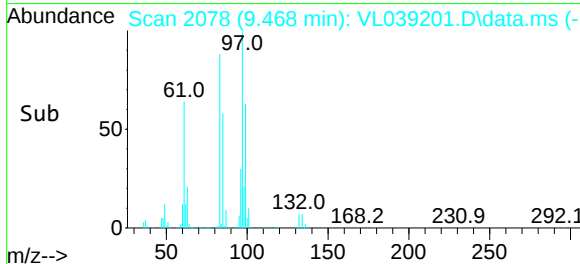
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



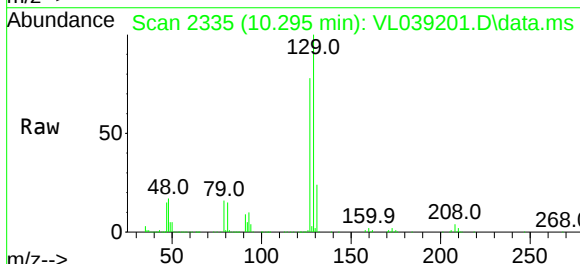
Tgt Ion: 97 Resp: 1302518
Ion Ratio Lower Upper
97 100
83 88.4 71.6 107.4
85 57.6 44.8 67.2
99 63.1 49.0 73.4

Manual Integrations
APPROVED

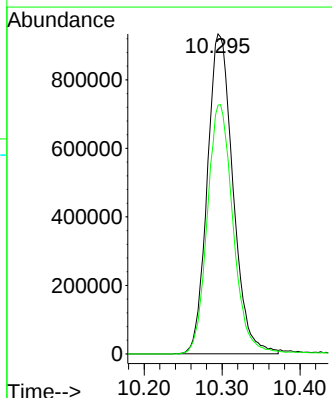
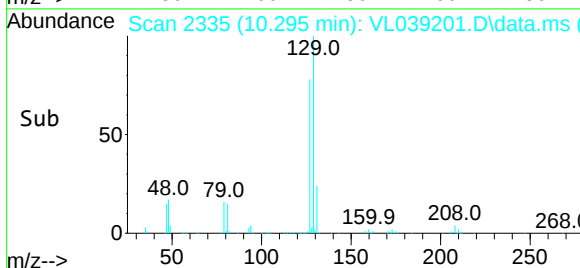
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

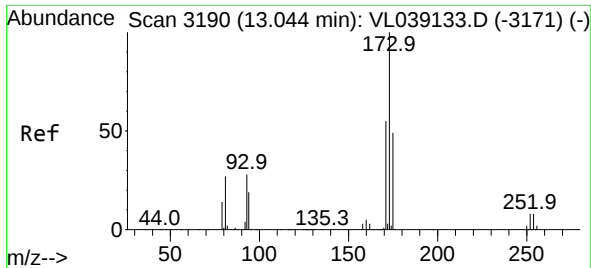


#48
Dibromochloromethane
Concen: 10.105 ppbv
RT: 10.295 min Scan# 2335
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



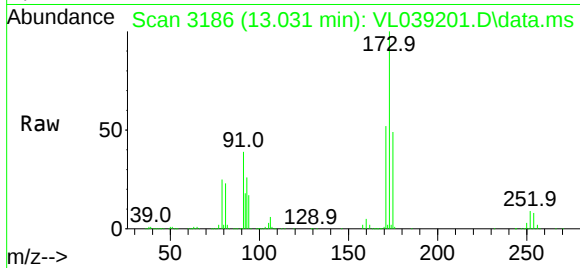
Tgt Ion:129 Resp: 2136386
Ion Ratio Lower Upper
129 100
127 79.3 40.0 119.9





#49
Bromoform
Concen: 10.035 ppbv
RT: 13.031 min Scan# 3190
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

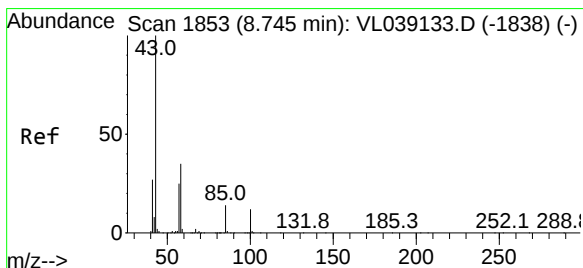
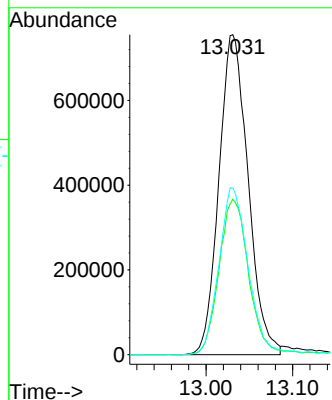
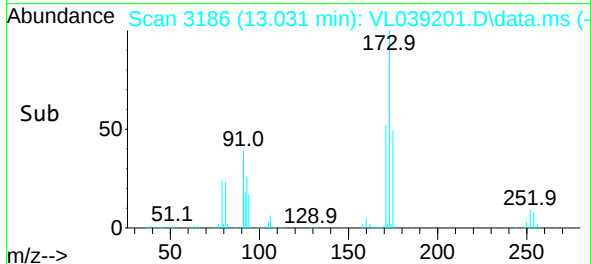
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



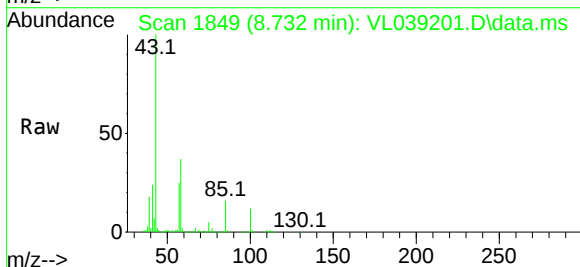
Tgt Ion:173 Resp: 1768125
Ion Ratio Lower Upper
173 100
175 50.6 40.2 60.2
171 53.7 43.9 65.9

Manual Integrations
APPROVED

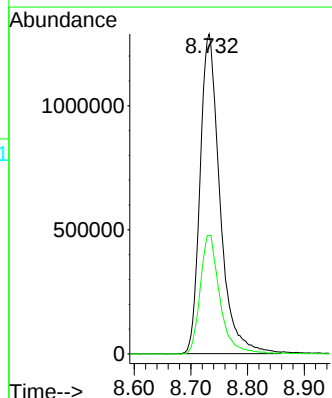
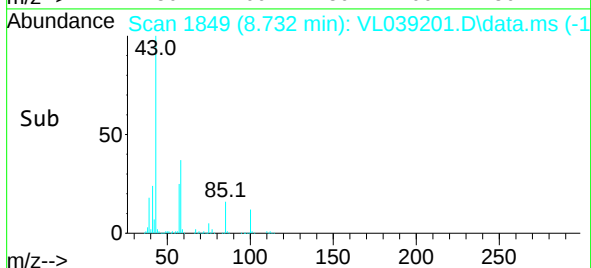
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

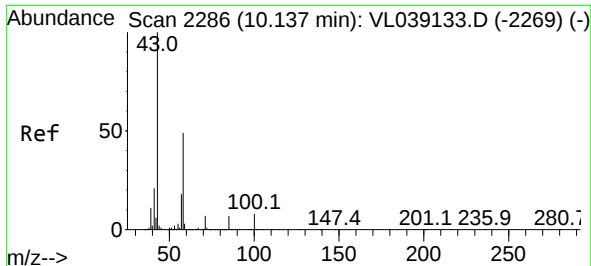


#50
4-Methyl-2-Pentanone
Concen: 10.954 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



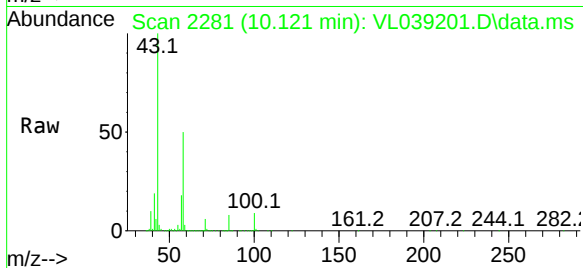
Tgt Ion: 43 Resp: 3130813
Ion Ratio Lower Upper
43 100
58 37.1 28.7 43.1





#51
2-Hexanone
Concen: 11.037 ppbv
RT: 10.121 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

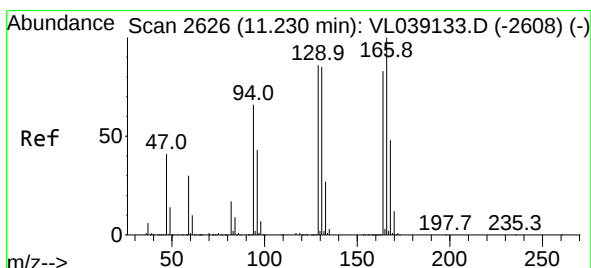
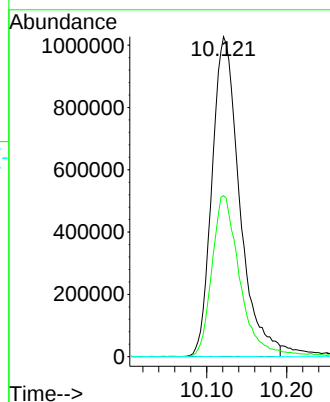
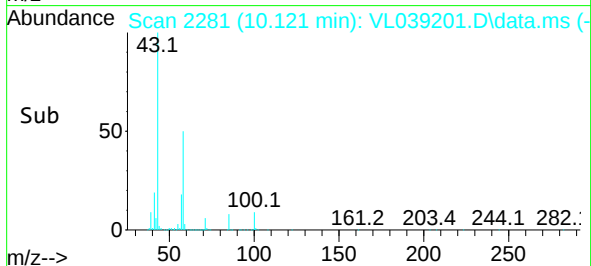
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



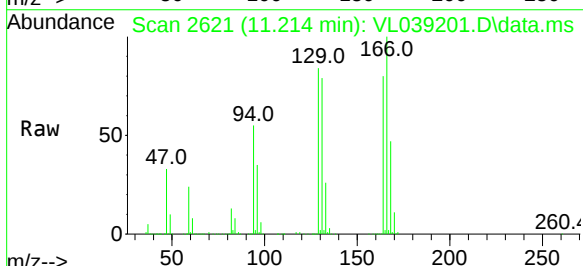
Tgt Ion: 43 Resp: 2454794
Ion Ratio Lower Upper
43 100
58 52.2 40.0 60.0
98 0.1 0.1 0.1

Manual Integrations
APPROVED

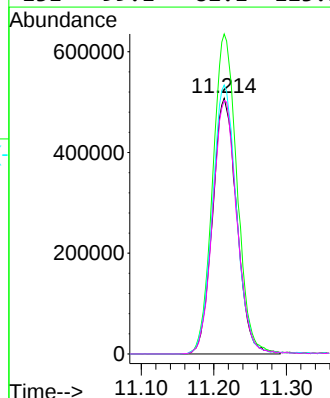
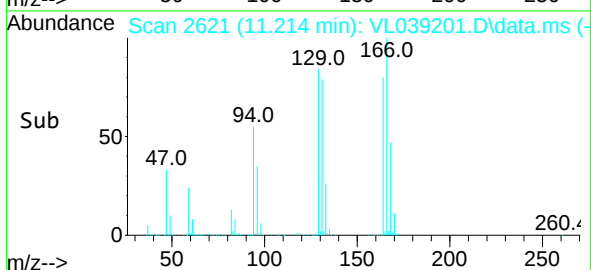
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

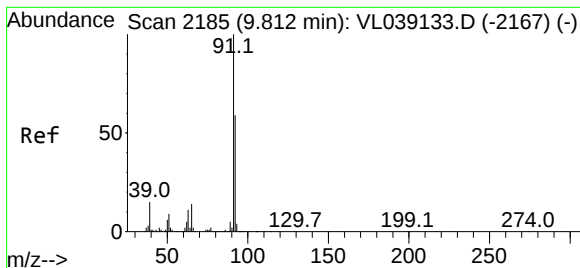


#52
Tetrachloroethene
Concen: 10.520 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



Tgt Ion:164 Resp: 1172026
Ion Ratio Lower Upper
164 100
166 125.1 96.3 144.5
129 105.2 82.5 123.7
131 99.1 82.1 123.1





#53

Toluene

Concen: 11.345 ppbv

RT: 9.796 min Scan# 2185

Delta R.T. -0.016 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion: 91 Resp: 3727738

Ion Ratio Lower Upper

91 100

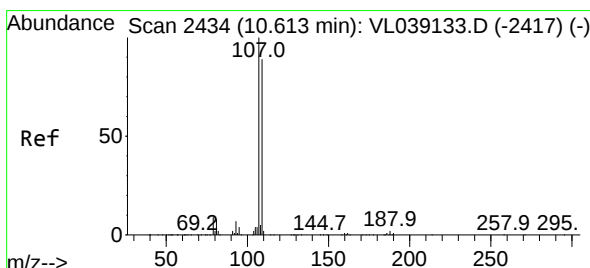
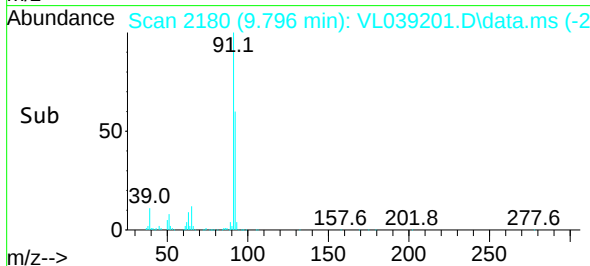
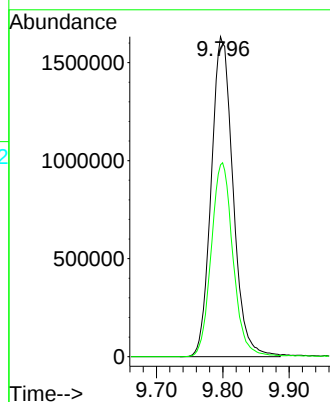
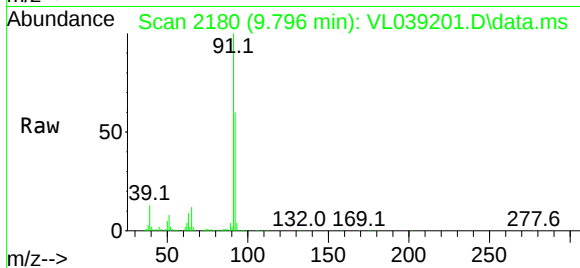
92 60.9 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#54

1,2-Dibromoethane

Concen: 11.232 ppbv

RT: 10.603 min Scan# 2431

Delta R.T. -0.009 min

Lab File: VL039201.D

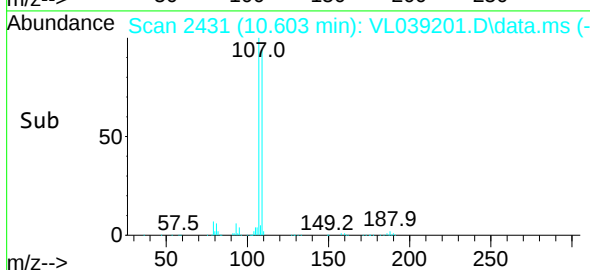
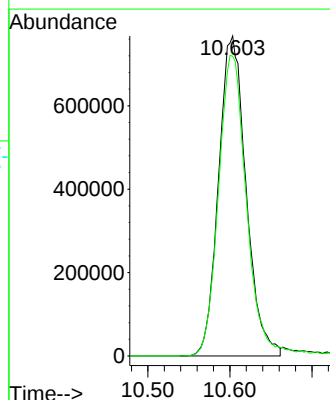
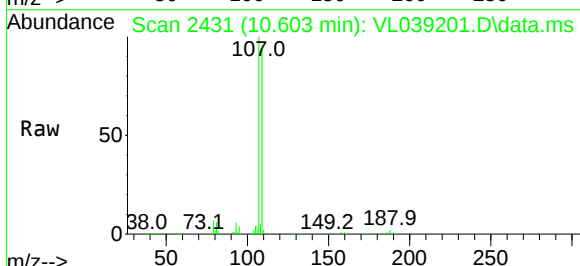
Acq: 7 Jun 2022 2:00

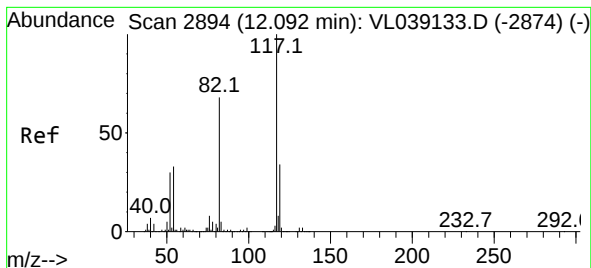
Tgt Ion:107 Resp: 1787261

Ion Ratio Lower Upper

107 100

109 93.7 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:117 Resp: 3479734

Ion Ratio Lower Upper

117 100

82 60.6 55.1 82.7

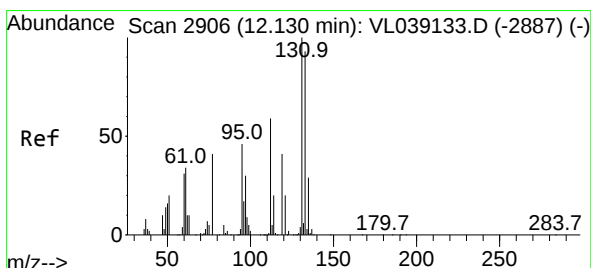
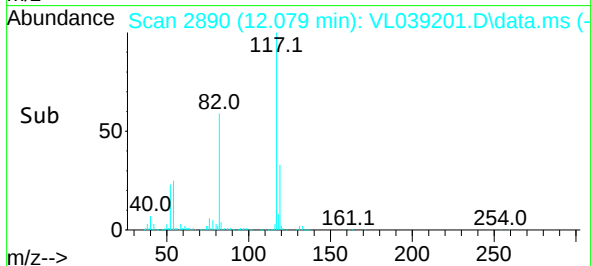
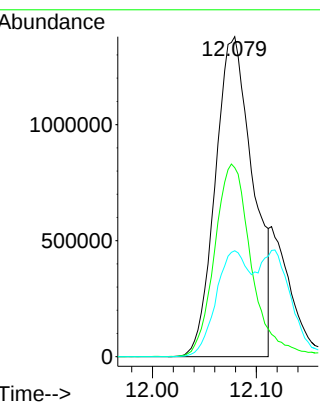
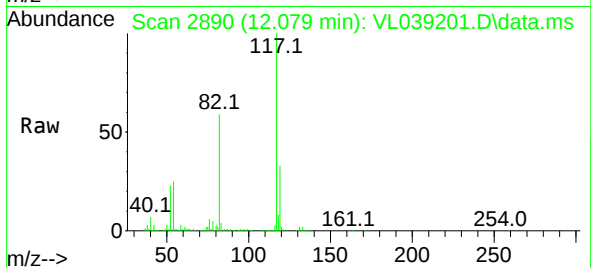
119 32.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.287 ppbv

RT: 12.115 min Scan# 2901

Delta R.T. -0.016 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

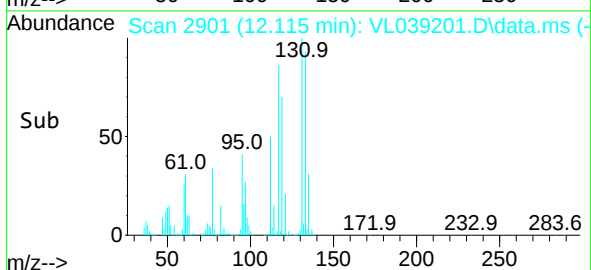
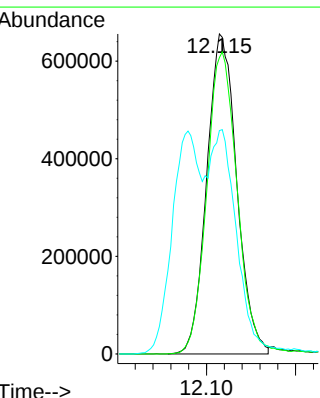
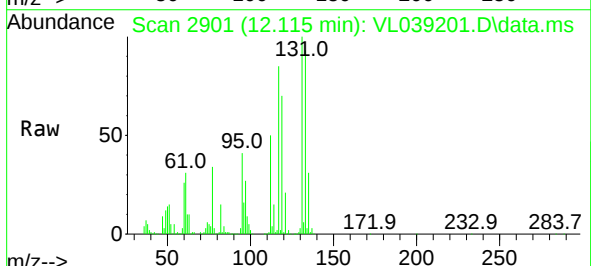
Tgt Ion:131 Resp: 1529089

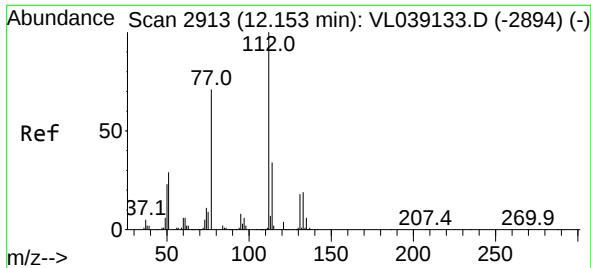
Ion Ratio Lower Upper

131 100

133 97.5 78.6 117.8

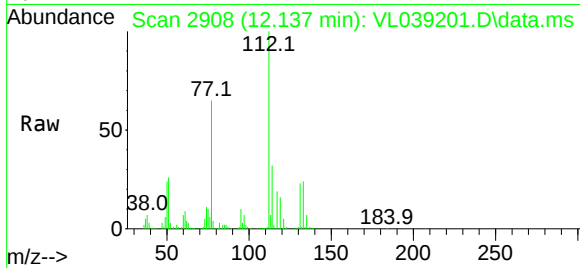
119 62.1 51.7 77.5





#57
Chlorobenzene
Concen: 10.302 ppbv
RT: 12.137 min Scan# 2913
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

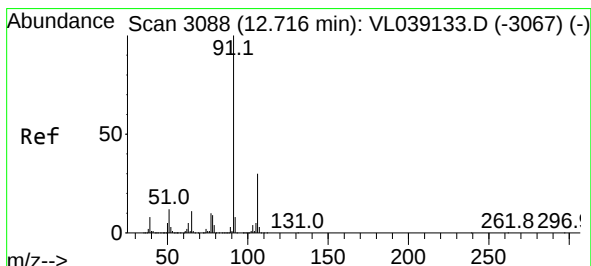
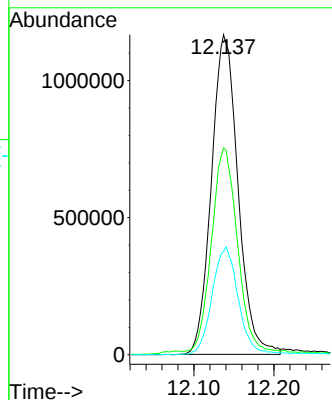
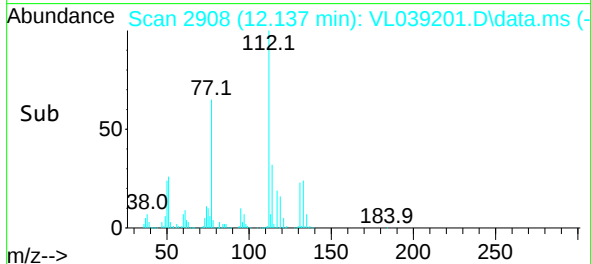
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



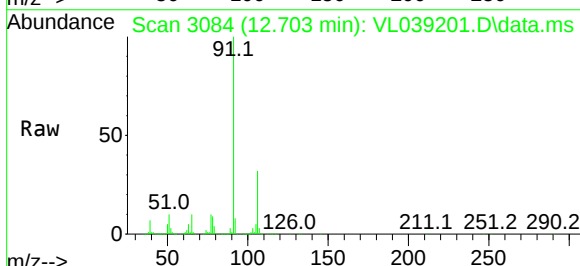
Tgt Ion: 112 Resp: 2697430
Ion Ratio Lower Upper
112 100
77 63.6 56.5 84.7
114 32.1 30.3 37.1

Manual Integrations
APPROVED

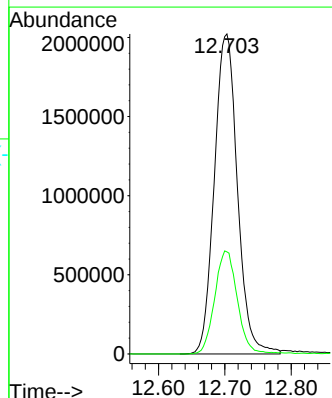
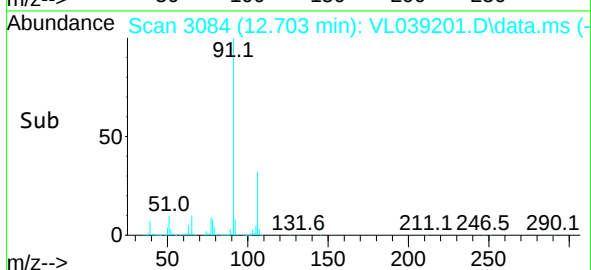
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

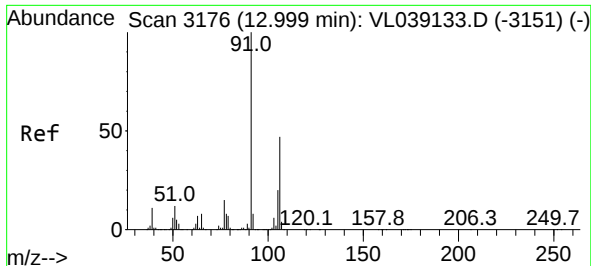


#58
Ethyl Benzene
Concen: 10.188 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



Tgt Ion: 91 Resp: 4883045
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4





#59

m/p-Xylene

Concen: 19.069 ppbv

RT: 12.986 min Scan# 3176

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion: 91 Resp: 804886

Ion Ratio Lower Upper

91 100

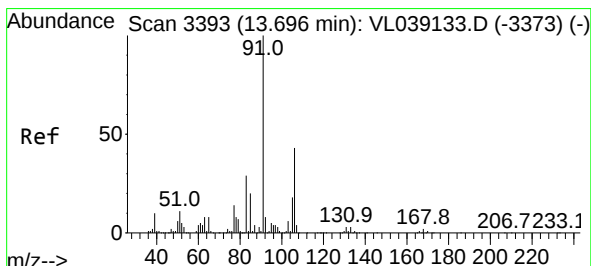
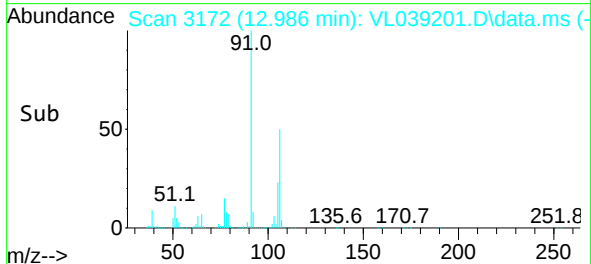
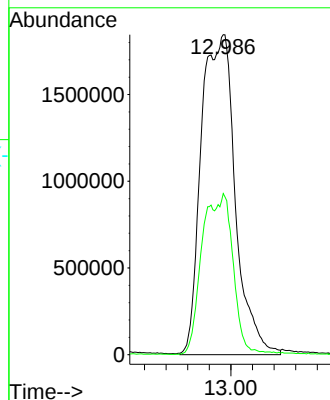
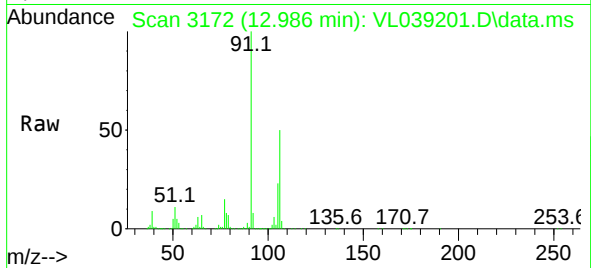
106 46.3 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#60

o-Xylene

Concen: 9.647 ppbv

RT: 13.684 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039201.D

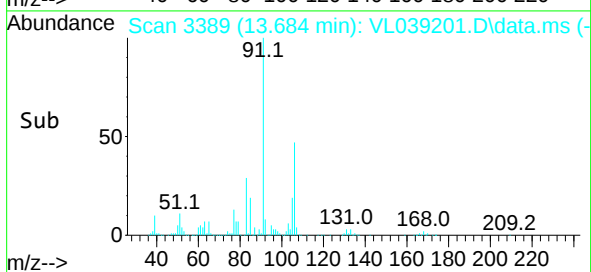
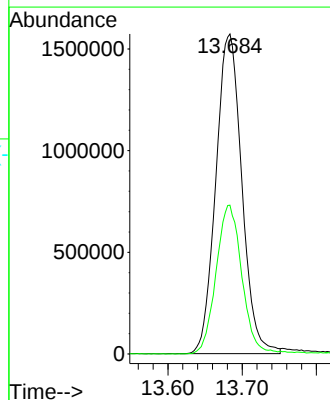
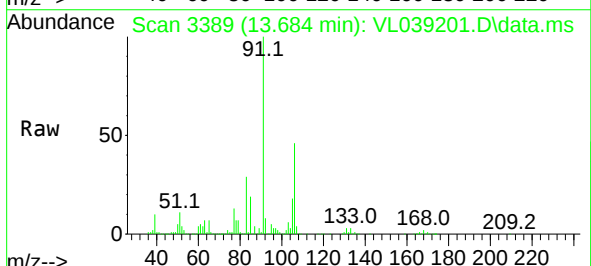
Acq: 7 Jun 2022 2:00

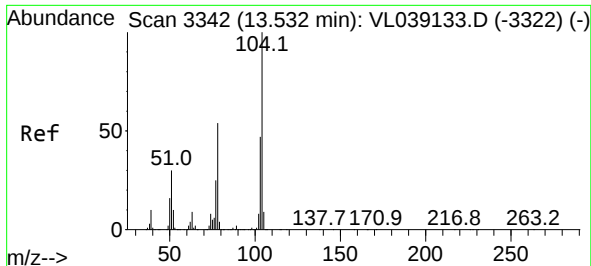
Tgt Ion: 91 Resp: 3826256

Ion Ratio Lower Upper

91 100

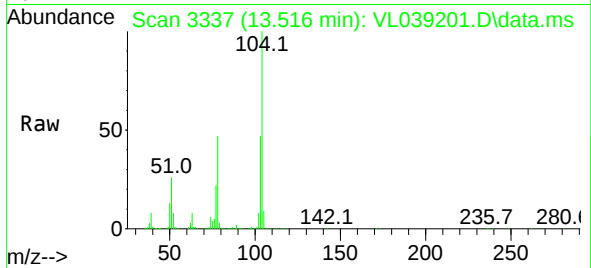
106 46.9 22.3 66.9





#61
Styrene
Concen: 11.619 ppbv
RT: 13.516 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

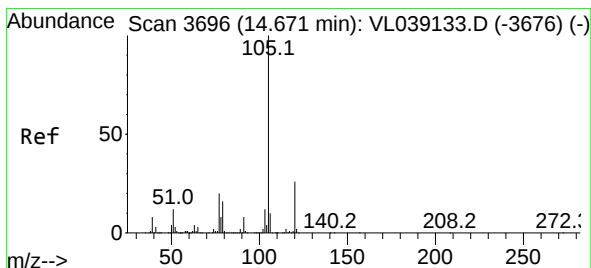
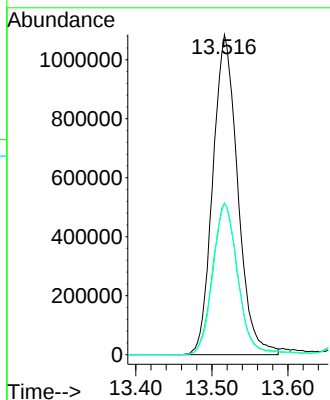
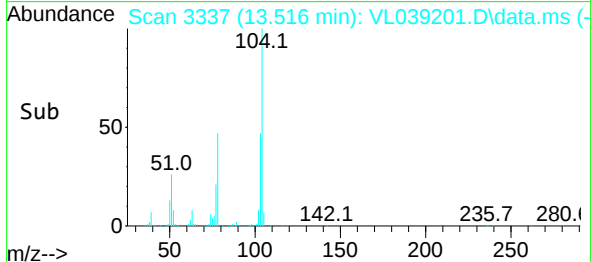
Instrument : MSVOA_L
ClientSampleId : VL0606ABS03



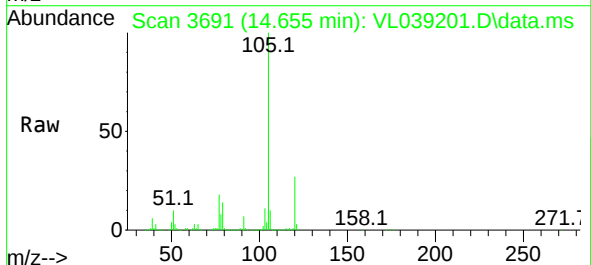
Tgt Ion:104 Resp: 2467840
Ion Ratio Lower Upper
104 100
78 48.3 45.7 68.5
103 48.0 39.6 59.4

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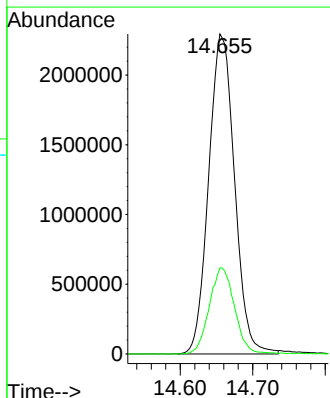
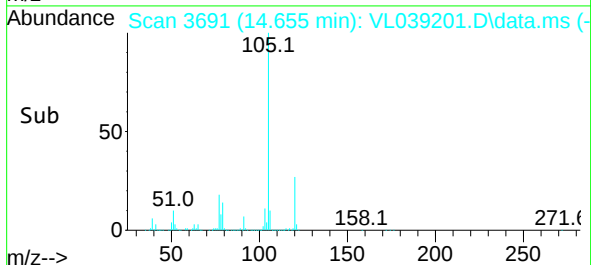
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

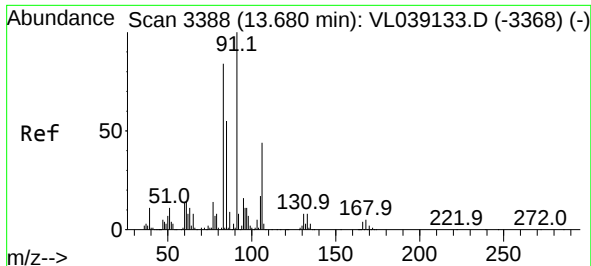


#62
Isopropylbenzene
Concen: 9.638 ppbv
RT: 14.655 min Scan# 3691
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



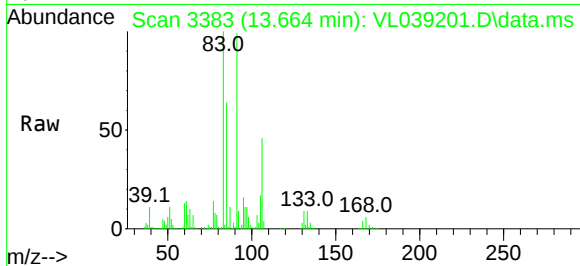
Tgt Ion:105 Resp: 5681275
Ion Ratio Lower Upper
105 100
120 26.5 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.085 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

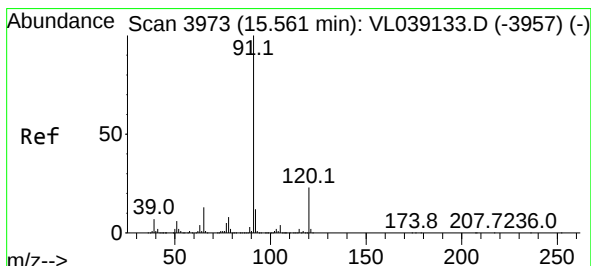
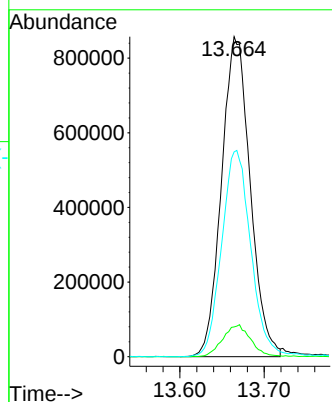
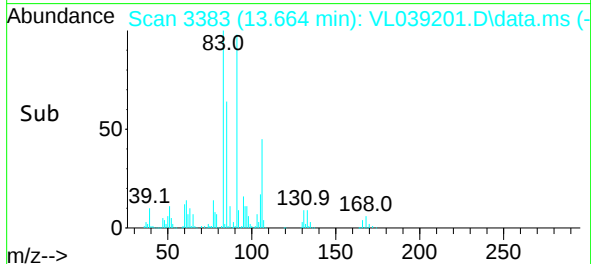
Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03



Tgt Ion: 83 Resp: 2022579
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 66.6 33.0 99.0

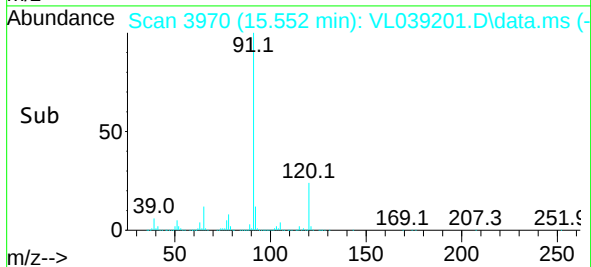
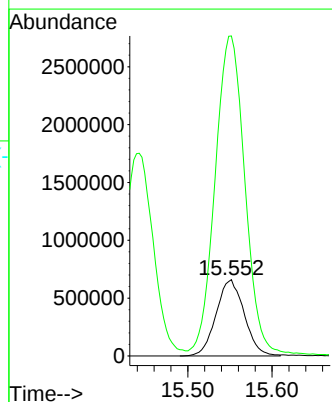
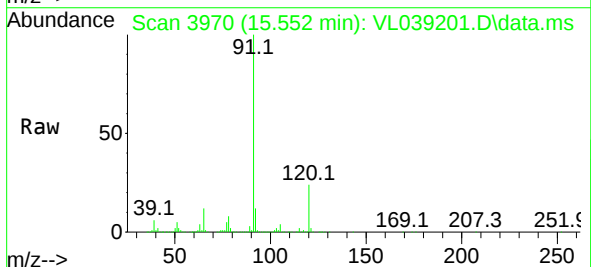
Manual Integrations
APPROVED

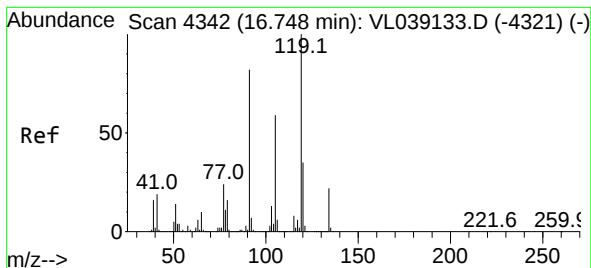
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#64
n-propylbenzene
Concen: 10.502 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

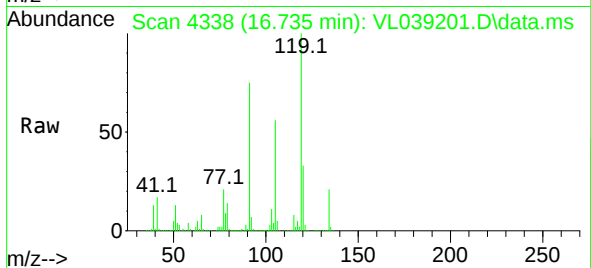
Tgt Ion:120 Resp: 1521927
Ion Ratio Lower Upper
120 100
91 450.4 388.4 582.6





#65
tert-Butylbenzene
Concen: 9.235 ppbv
RT: 16.735 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

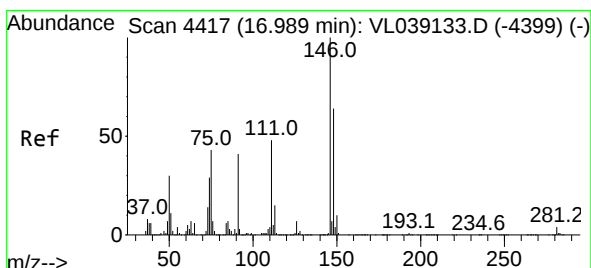
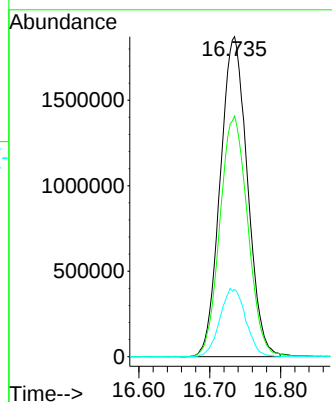
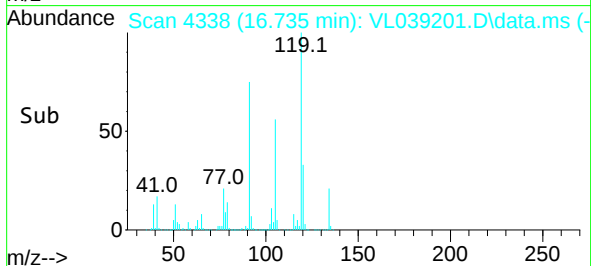
Instrument : MSVOA_L
ClientSampleId : VL0606ABS03



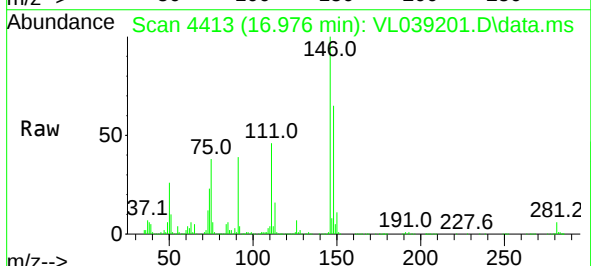
Tgt Ion: 119 Resp: 497819
Ion Ratio Lower Upper
119 100
91 77.1 67.1 100.7
134 20.3 15.8 23.8

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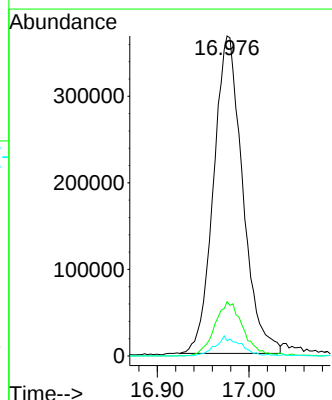
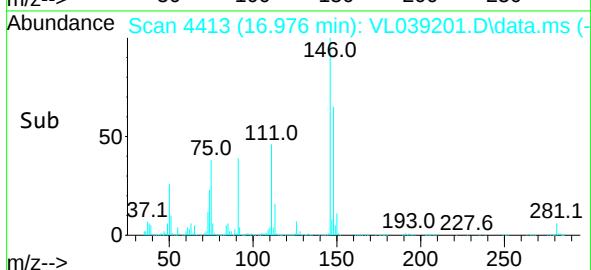
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022

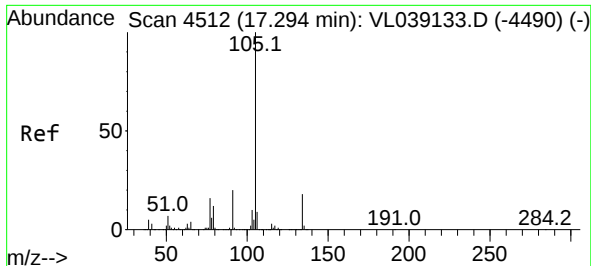


#66
Benzyl Chloride
Concen: 11.525 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. -0.013 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00



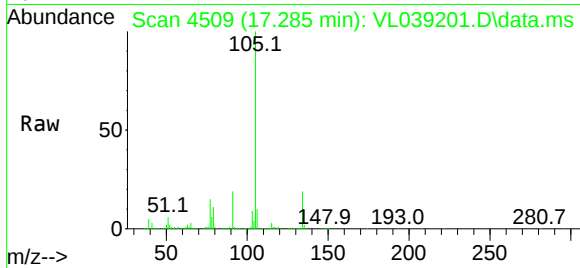
Tgt Ion: 91 Resp: 807826
Ion Ratio Lower Upper
91 100
126 17.0 13.4 20.0
128 5.7 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.525 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.009 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

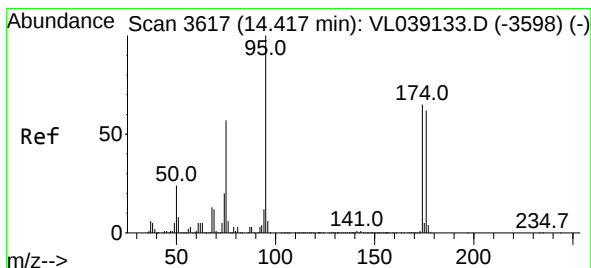
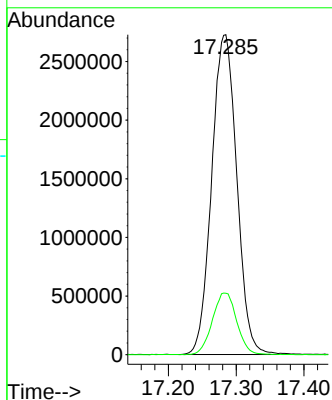
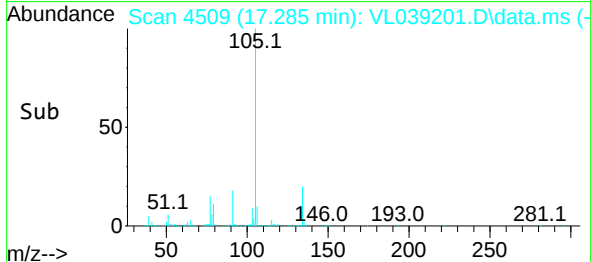
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03



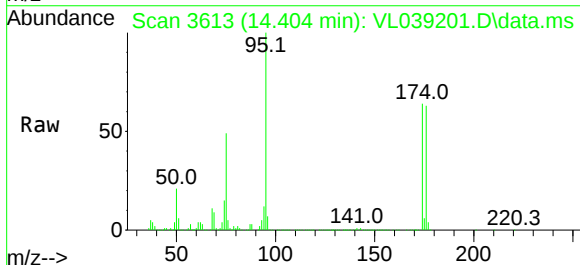
Tgt Ion: 105 Resp: 7005509
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.4 21.6

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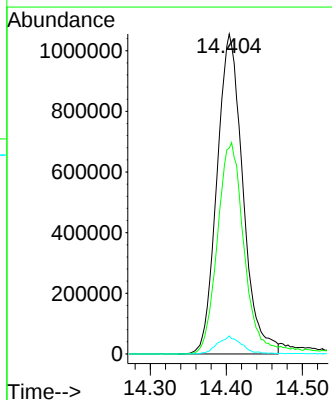
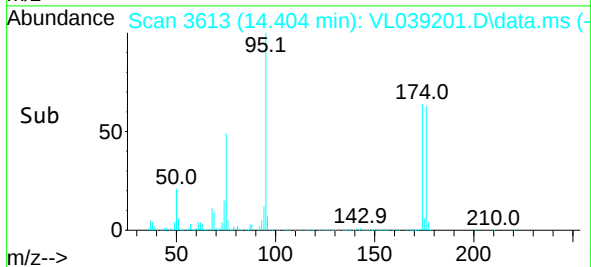
Reviewed By :Semsettin Yesilyurt 06/07/2022
 Supervised By :Mahesh Dadoda 06/07/2022

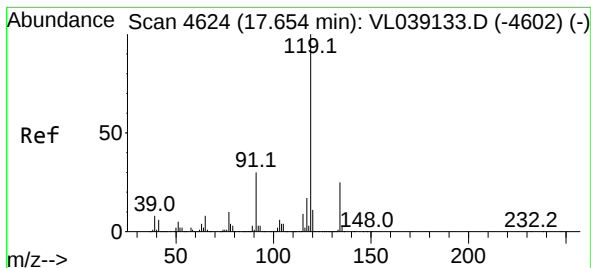


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.680 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.013 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00



Tgt Ion: 95 Resp: 2497189
 Ion Ratio Lower Upper
 95 100
 174 70.2 53.8 80.8
 175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.441 ppbv

RT: 17.642 min Scan# 40

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:119 Resp: 585852

Ion Ratio Lower Upper

119 100

134 26.1 20.4 30.6

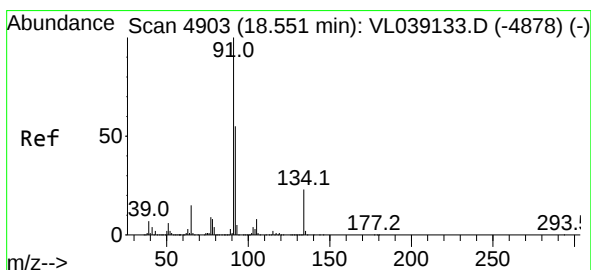
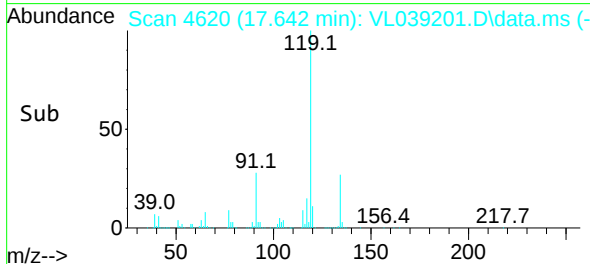
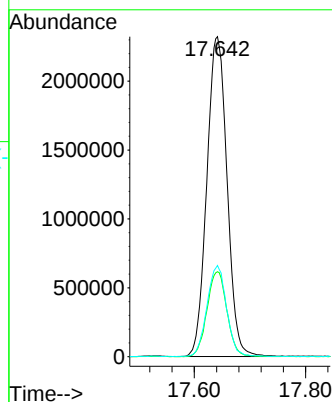
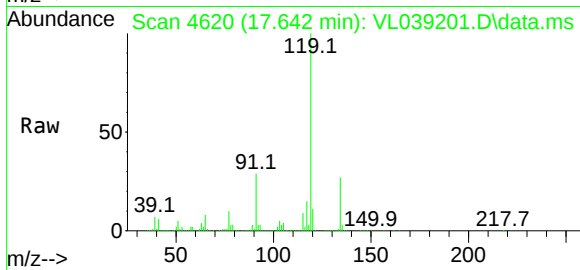
91 27.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#70

n-Butylbenzene

Concen: 9.380 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

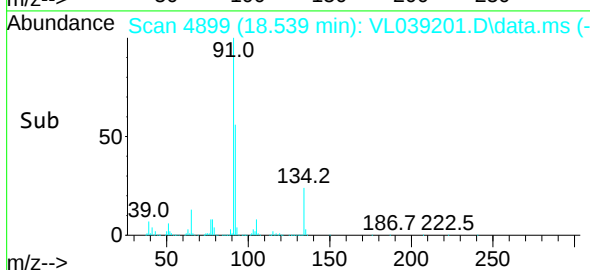
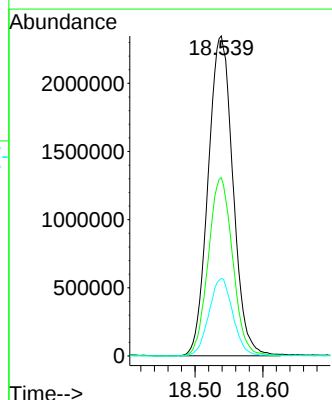
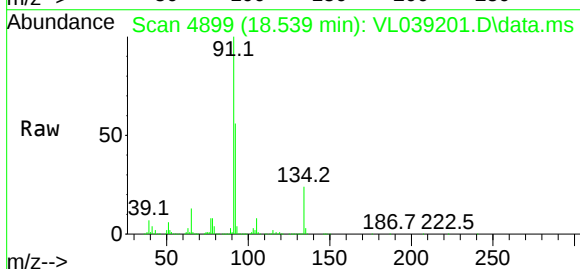
Tgt Ion: 91 Resp: 5974325

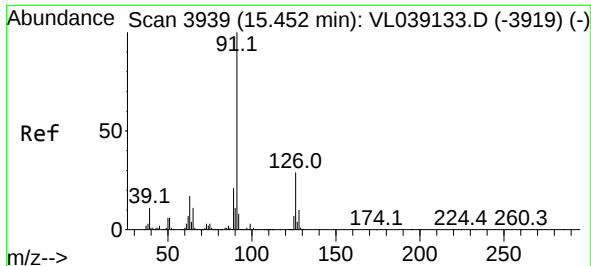
Ion Ratio Lower Upper

91 100

92 54.9 43.6 65.4

134 23.6 17.7 26.5





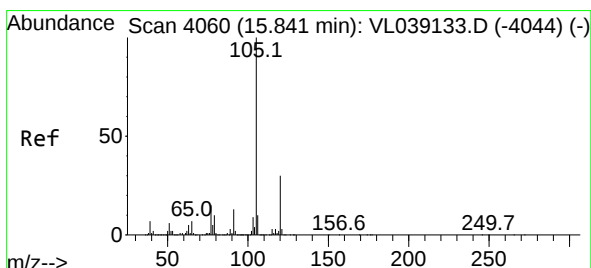
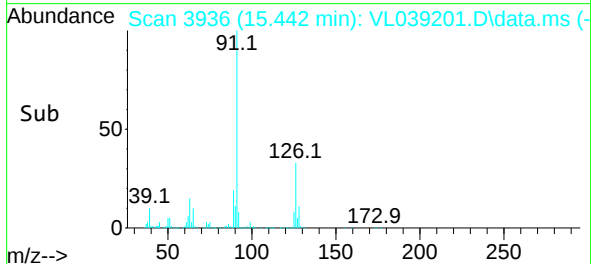
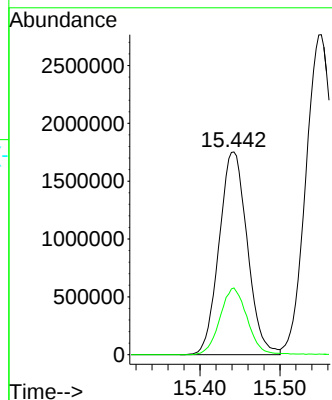
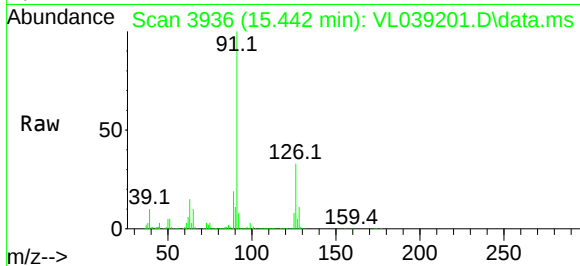
#71
2-Chlorotoluene
Concen: 9.543 ppbv
RT: 15.442 min Scan# 3939
Delta R.T. -0.009 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Instrument :
MSVOA_L
ClientSampleId :
VL0606ABS03

Tgt Ion: 91 Resp: 4289910
Ion Ratio Lower Upper
91 100
126 32.3 12.2 48.6

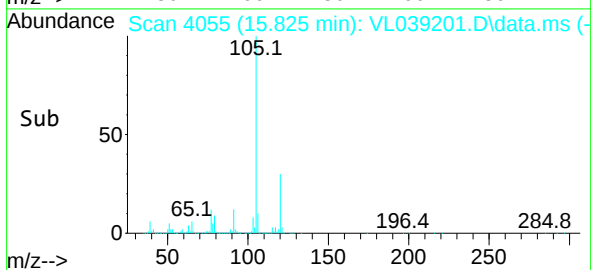
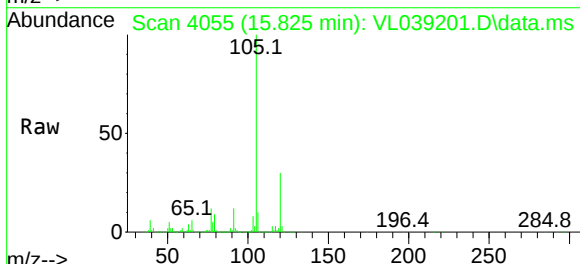
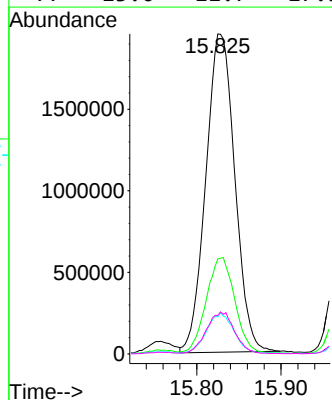
Manual Integrations
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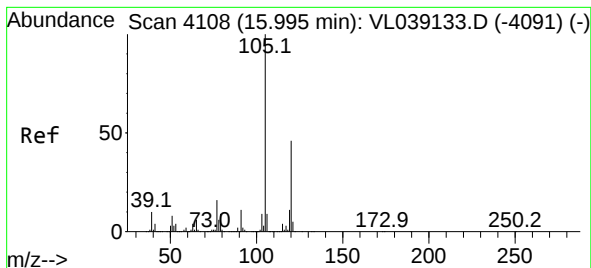
Reviewed By :Semsettin Yesilyurt 06/07/2022
Supervised By :Mahesh Dadoda 06/07/2022



#72
4-Ethyltoluene
Concen: 10.049 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.016 min
Lab File: VL039201.D
Acq: 7 Jun 2022 2:00

Tgt Ion:105 Resp: 4671446
Ion Ratio Lower Upper
105 100
120 30.3 23.9 35.9
91 12.3 10.6 16.0
77 13.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.900 ppbv

RT: 15.986 min Scan# 4108

Delta R.T. -0.009 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:105 Resp: 415069

Ion Ratio Lower Upper

105 100

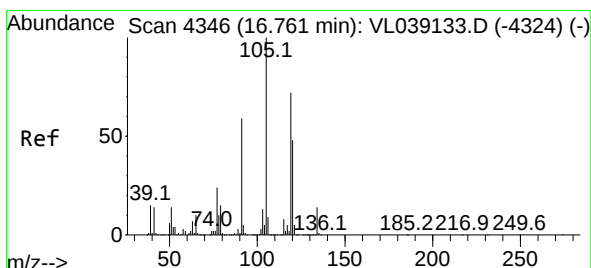
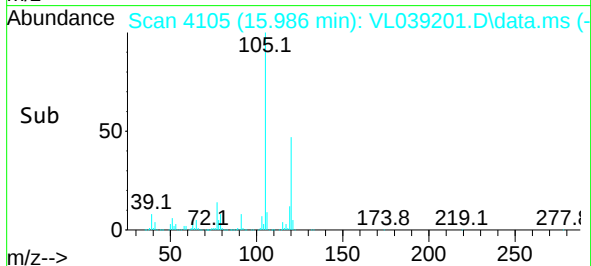
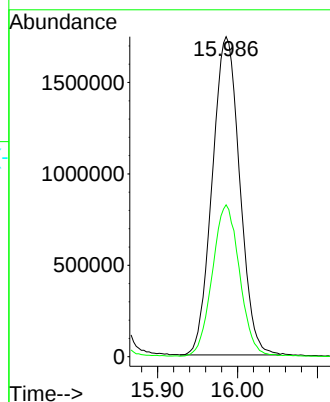
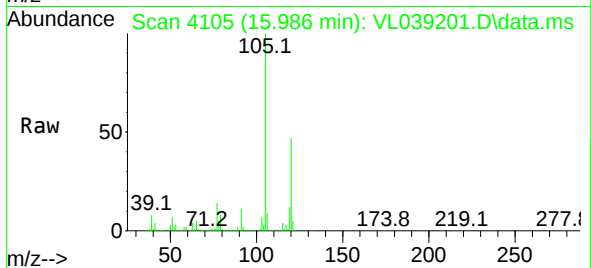
120 47.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.367 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Tgt Ion:105 Resp: 4382855

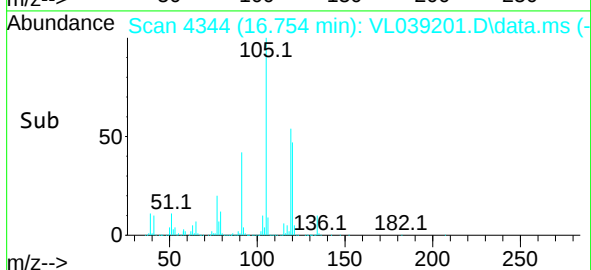
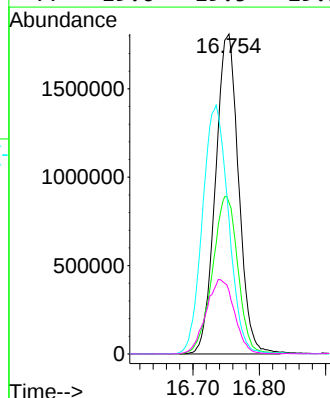
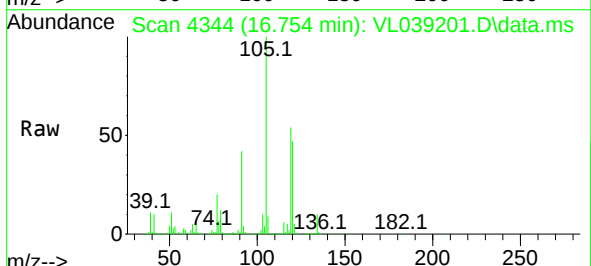
Ion Ratio Lower Upper

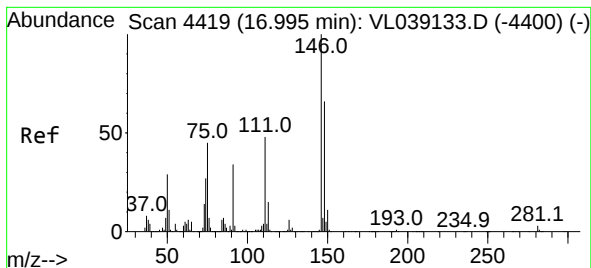
105 100

120 47.2 38.1 57.1

91 41.8 47.4 71.0#

77 19.6 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.949 ppbv

RT: 16.986 min Scan# 4419

Delta R.T. -0.010 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:146 Resp: 263480

Ion Ratio Lower Upper

146 100

111 45.2 23.8 71.4

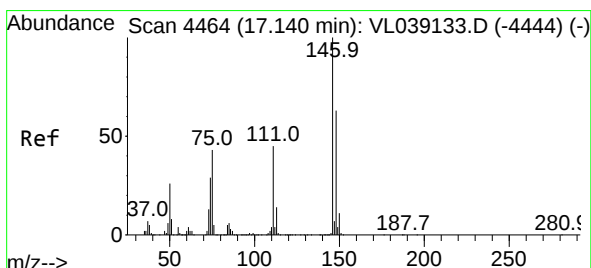
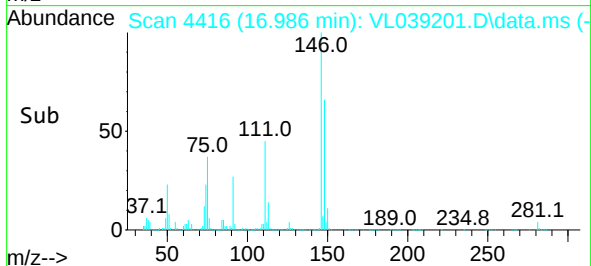
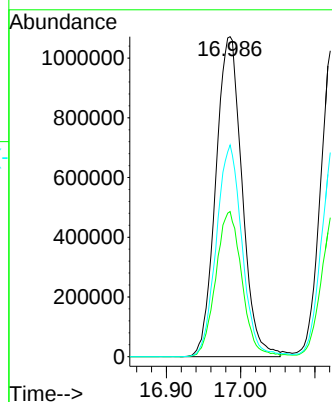
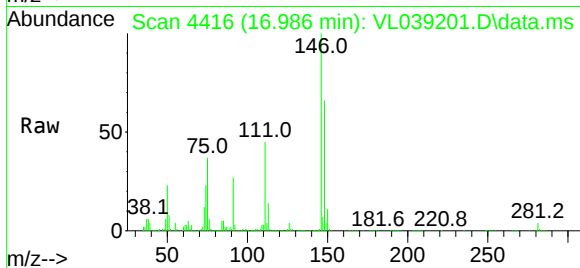
148 64.8 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#76

1,4-Dichlorobenzene

Concen: 9.861 ppbv

RT: 17.127 min Scan# 4460

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

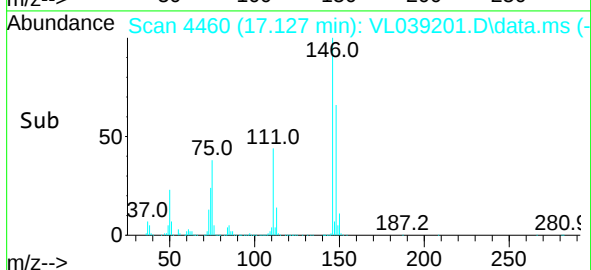
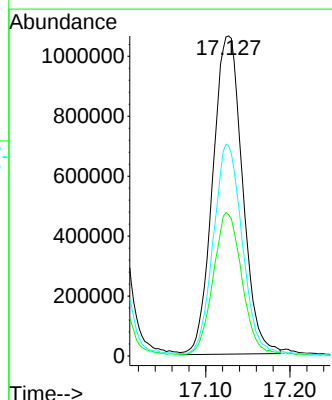
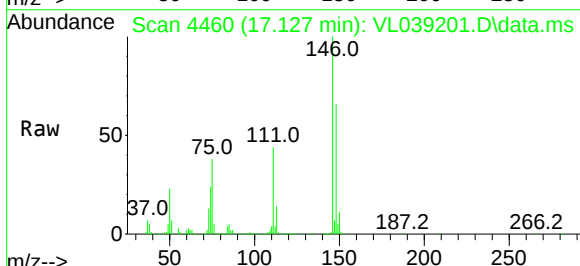
Tgt Ion:146 Resp: 2605454

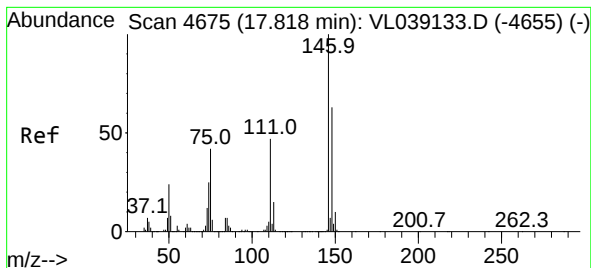
Ion Ratio Lower Upper

146 100

111 44.3 23.6 71.0

148 65.6 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.584 ppbv

RT: 17.802 min Scan# 40

Delta R.T. -0.016 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:146 Resp: 255816

Ion Ratio Lower Upper

146 100

111 47.2 24.4 73.4

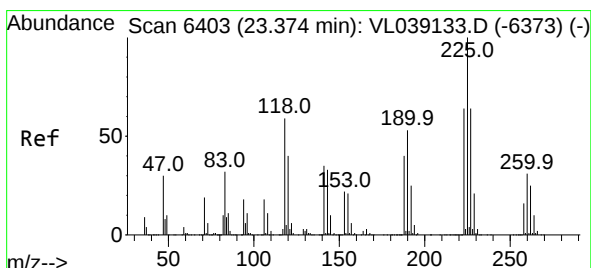
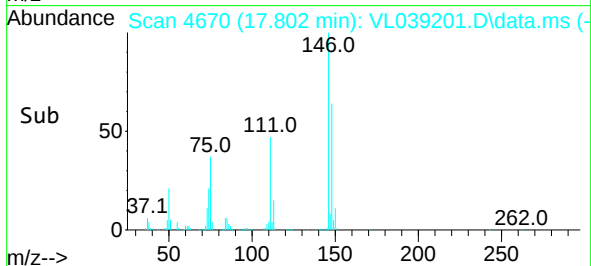
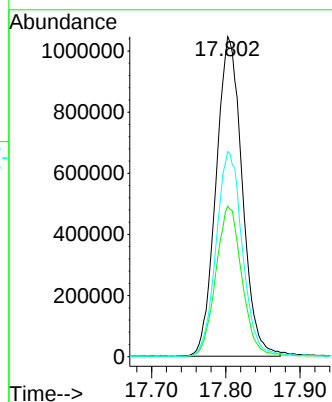
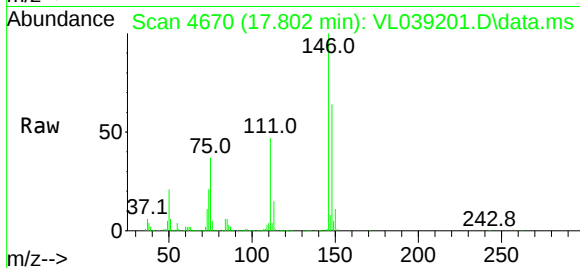
148 64.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.288 ppbv

RT: 23.362 min Scan# 6399

Delta R.T. -0.013 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

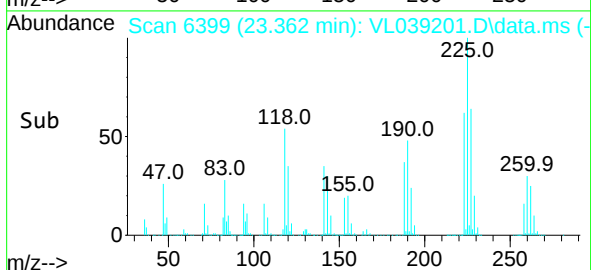
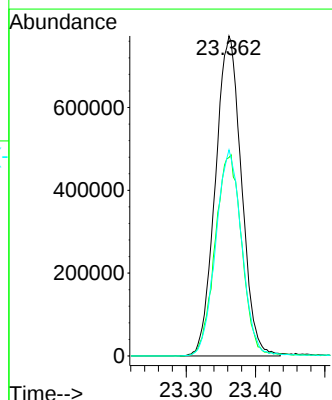
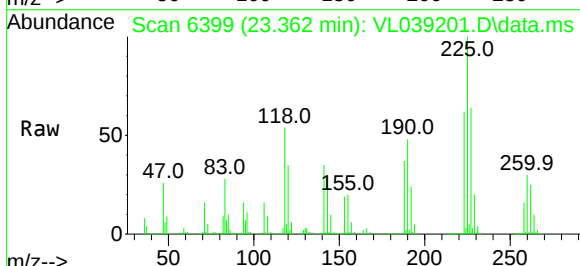
Tgt Ion:225 Resp: 2022879

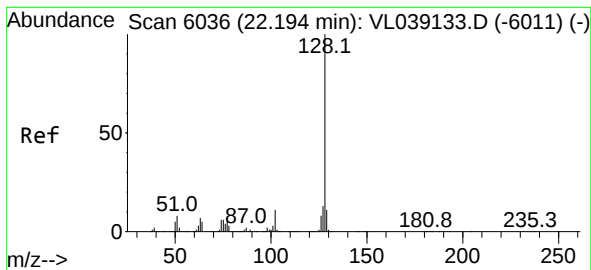
Ion Ratio Lower Upper

225 100

223 64.8 51.4 77.0

227 64.6 50.6 75.8





#79

Naphthalene

Concen: 11.619 ppbv

RT: 22.178 min Scan# 6031

Delta R.T. -0.016 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

Instrument :

MSVOA_L

ClientSampleId :

VL0606ABS03

Tgt Ion:128 Resp: 418486

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

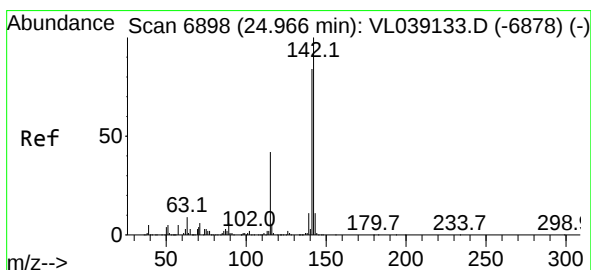
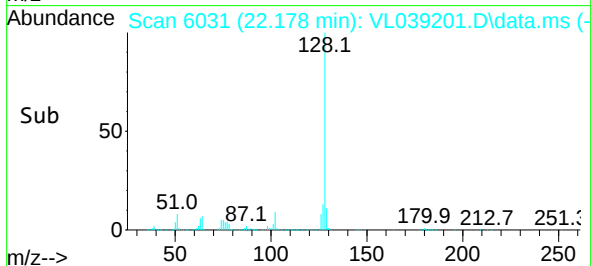
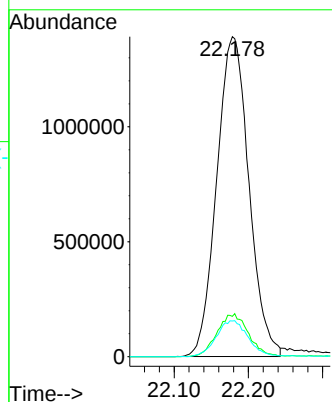
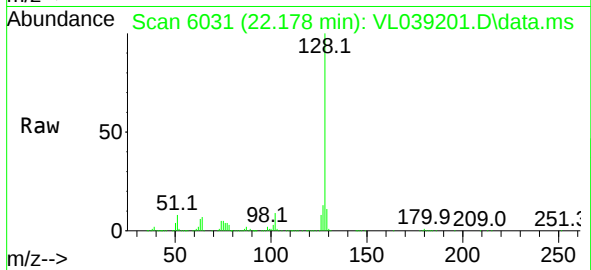
129 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/07/2022

Supervised By :Mahesh Dadoda 06/07/2022



#80

Naphthalene,2-methyl-

Concen: 11.953 ppbv

RT: 24.956 min Scan# 6895

Delta R.T. -0.009 min

Lab File: VL039201.D

Acq: 7 Jun 2022 2:00

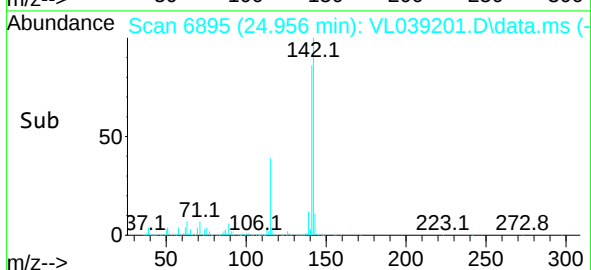
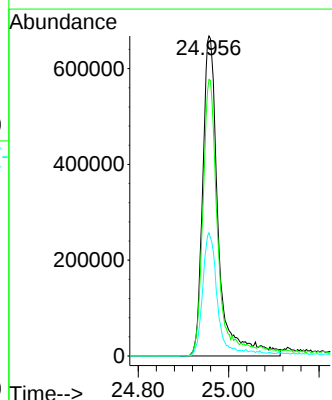
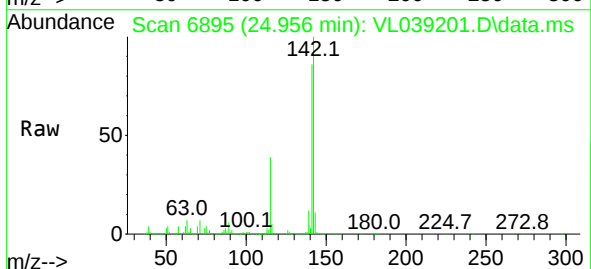
Tgt Ion:142 Resp: 1599572

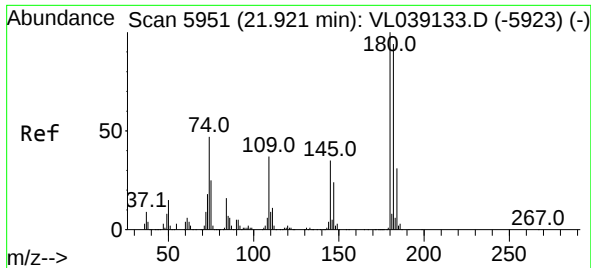
Ion Ratio Lower Upper

142 100

141 87.0 64.6 96.8

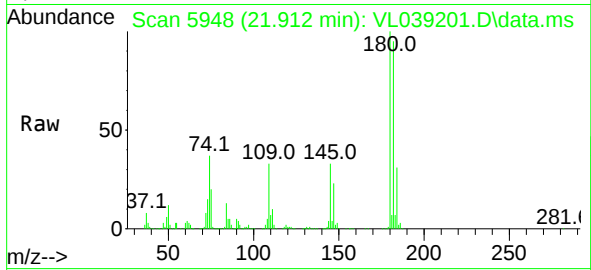
115 38.1 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.089 ppbv
 RT: 21.912 min Scan# 5948
 Delta R.T. -0.010 min
 Lab File: VL039201.D
 Acq: 7 Jun 2022 2:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0606ABS03



Tgt Ion:180 Resp: 2302073
 Ion Ratio Lower Upper
 180 100
 182 97.7 0.0 0.0
 184 31.2 0.0 0.0

Manual Integrations
 APPROVED

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

