

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039297.D
 Acq On : 15 Jun 2022 13:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 16 01:17:37 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 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	5.655	49	1348202	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.166	114	3734188	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.073	117	3565956m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.401 95 2783300 9.441 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1872644	7.908	ppbv	97
3) Chlorodifluoromethane	2.986	51	1437810	8.382	ppbv	99
4) Chloromethane	3.137	50	689891	7.830	ppbv	96
5) Vinyl Chloride	3.253	62	737583	8.954	ppbv	99
6) Bromomethane	3.469	94	347023	8.564	ppbv	99
7) Chloroethane	3.552	64	272397	9.490	ppbv	91
8) Dichlorotetrafluoroethane	3.182	85	1825140	8.433	ppbv	95
9) Propene	3.006	41	619817	8.286	ppbv	99
10) Heptane	8.108	43	1645869	9.432	ppbv	98
11) Trichlorofluoromethane	3.944	101	1869236	8.720	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.478	101	1387751	9.790	ppbv	98
13) Ethanol	3.594	45	41060	10.066	ppbv #	100
14) Bromoethene	3.735	108	550085	8.632	ppbv	97
15) Acetone	3.838	43	1528203	10.882	ppbv	98
16) 1,3-Butadiene	3.324	39	726928	9.629	ppbv	94
17) tert-Butyl alcohol	4.276	59	1260012	11.567	ppbv	99
18) 1,1-Dichloroethene	4.285	96	612542	9.633	ppbv	86
19) Isopropyl Alcohol	3.954	45	677407	10.284	ppbv	99
20) Methylene Chloride	4.340	84	504985	8.533	ppbv	96
21) Allyl Chloride	4.404	41	924344	9.757	ppbv	97
22) trans-1,2-Dichloroethene	4.877	96	591390	9.666	ppbv	93
23) Vinyl Acetate	5.063	43	964250	8.298	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1359716	8.541	ppbv	99
25) Ethyl Acetate	5.661	43	3174637	10.029	ppbv	99
26) Hexane	5.681	57	1236469	8.889	ppbv	89
27) Carbon Disulfide	4.542	76	1428748	9.910	ppbv	99
28) Methyl tert-Butyl Ether	5.025	73	1343336	8.748	ppbv	99
29) Chloroform	5.742	83	1924561	8.222	ppbv	98
30) Cyclohexane	7.121	84	1046299	8.954	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	1210305	8.533	ppbv	98
32) 1,1,1-Trichloroethane	6.501	97	1949482	8.511	ppbv	99
34) 2-Butanone	5.234	43	1683519	8.298	ppbv	99
35) Carbon Tetrachloride	7.009	117	2036037	7.470	ppbv	100
36) Benzene	6.880	78	2536134	8.366	ppbv	98
37) 1,2-Dichloroethane	6.298	62	1474751	7.392	ppbv	97
38) Trichloroethene	7.825	130	1107596	7.954	ppbv	95
39) 1,2-Dichloropropane	7.603	63	947278	7.856	ppbv	98
40) 1,4-Dioxane	7.819	88	338873	8.536	ppbv #	1
41) Tetrahydrofuran	6.038	42	957385	7.847	ppbv	98
42) Bromodichloromethane	7.780	83	2089236	7.545	ppbv	99
43) Methyl Methacrylate	8.002	69	1091193	9.241	ppbv	98
44) 2,2,4-Trimethylpentane	7.857	57	4304643	8.117	ppbv	99
45) t-1,3-Dichloropropene	9.269	75	822304	6.686	ppbv	98

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Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 16 01:17:37 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 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	8.687	75	1172629	7.218	ppbv	97
47) 1,1,2-Trichloroethane	9.465	97	1083217	8.610	ppbv	98
48) Dibromochloromethane	10.295	129	1178300	5.246	ppbv	98
49) Bromoform	13.028	173	1564588	8.358	ppbv	98
50) 4-Methyl-2-Pentanone	8.726	43	2699351	8.889	ppbv	99
51) 2-Hexanone	10.118	43	1744217	7.382	ppbv #	97
52) Tetrachloroethene	11.211	164	1010114	8.534	ppbv	96
53) Toluene	9.793	91	3043213	8.718	ppbv	100
54) 1,2-Dibromoethane	10.597	107	1099310	6.503	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.114	131	1434504m	8.502	ppbv	
57) Chlorobenzene	12.134	112	2350476	8.760	ppbv	95
58) Ethyl Benzene	12.696	91	4177331	8.504	ppbv	98
59) m/p-Xylene	12.983	91	7169848m	16.576	ppbv	
60) o-Xylene	13.677	91	3449180	8.486	ppbv	98
61) Styrene	13.513	104	2014932	9.258	ppbv	95
62) Isopropylbenzene	14.655	105	5417055	8.967	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.664	83	2191800	9.607	ppbv	99
64) n-propylbenzene	15.545	120	1428941	9.622	ppbv	88
65) tert-Butylbenzene	16.728	119	4967272	8.992	ppbv	96
66) Benzyl Chloride	16.973	91	316609	4.408	ppbv	98
67) sec-Butylbenzene	17.278	105	6814201	9.041	ppbv	98
69) p-Isopropyltoluene	17.635	119	5933658	9.331	ppbv	98
70) n-Butylbenzene	18.532	91	5864101	8.984	ppbv	99
71) 2-Chlorotoluene	15.436	91	4009846	8.704	ppbv	96
72) 4-Ethyltoluene	15.822	105	4336115	9.103	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	3898117	9.073	ppbv	99
74) 1,2,4-Trimethylbenzene	16.745	105	4251035	8.866	ppbv	97
75) 1,3-Dichlorobenzene	16.979	146	2524161	9.301	ppbv	99
76) 1,4-Dichlorobenzene	17.121	146	2436722	8.999	ppbv	98
77) 1,2-Dichlorobenzene	17.799	146	2483227	9.079	ppbv	99
78) Hexachloro-1,3-Butadiene	23.355	225	1998630	7.991	ppbv	99
79) Naphthalene	22.172	128	3670221	9.944	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	921244	6.718	ppbv	96
81) 1,2,4-Trichlorobenzene	21.902	180	2097570m	8.970	ppbv	

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

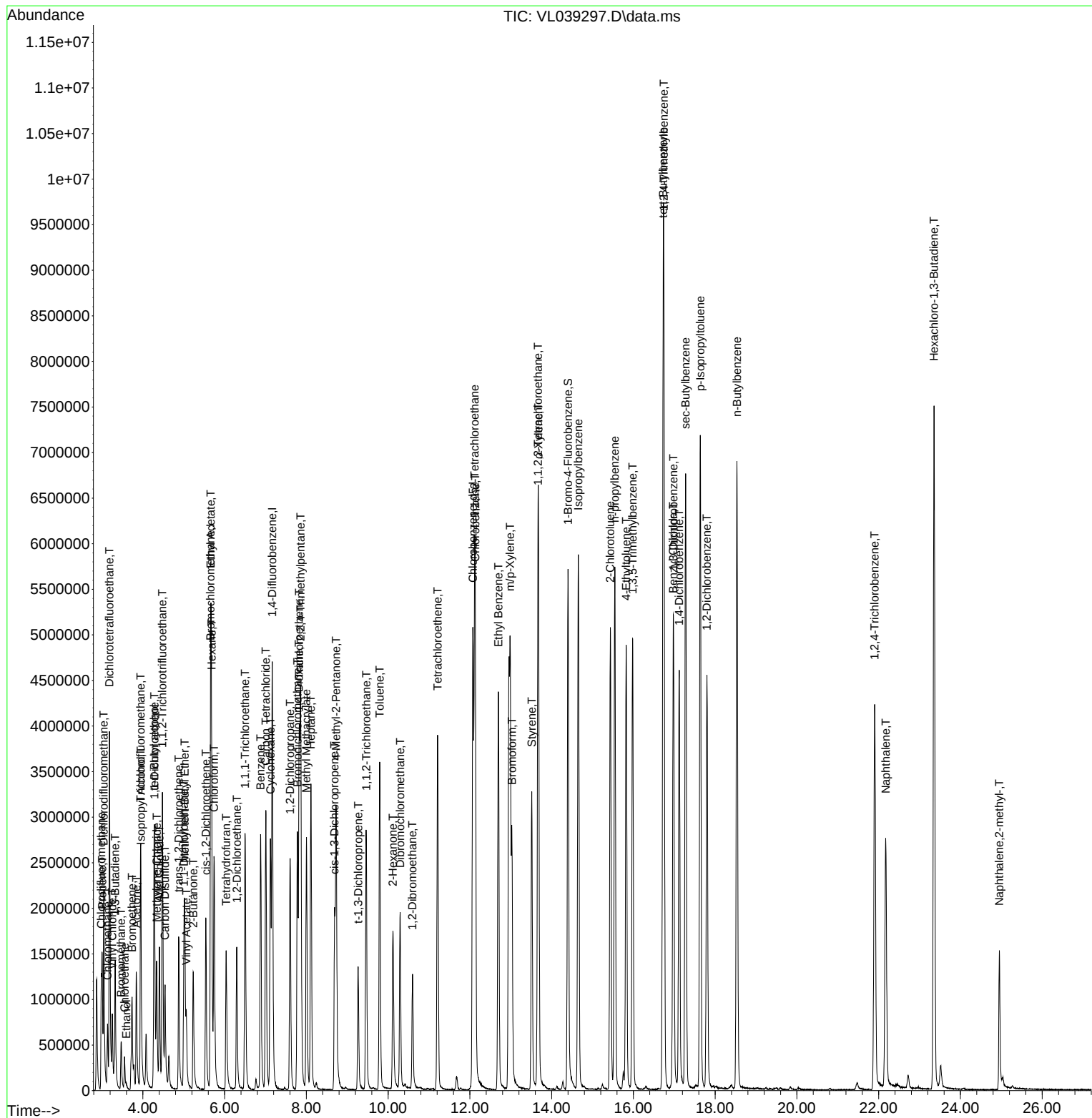
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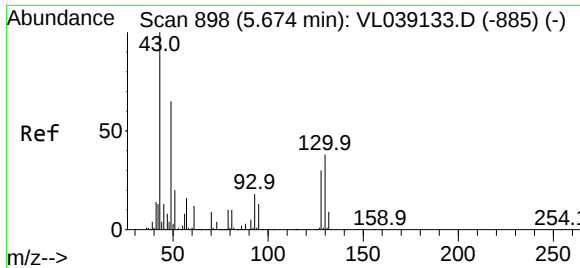
Instrument :
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Quant Time: Jun 16 01:17:37 2022
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 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

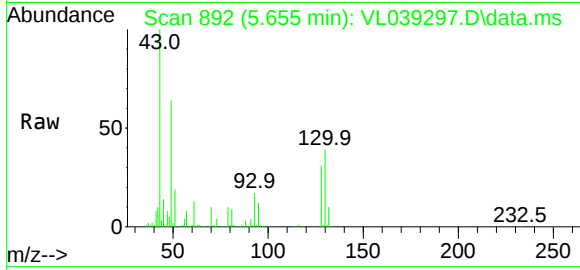
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

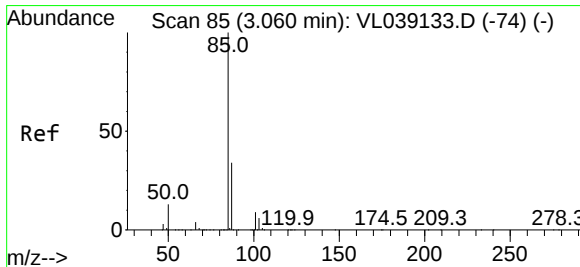
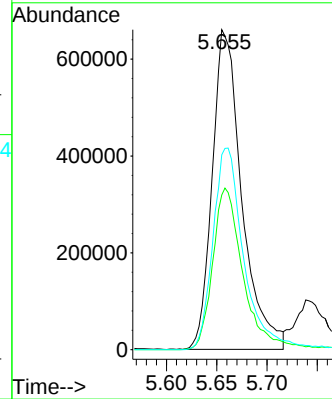
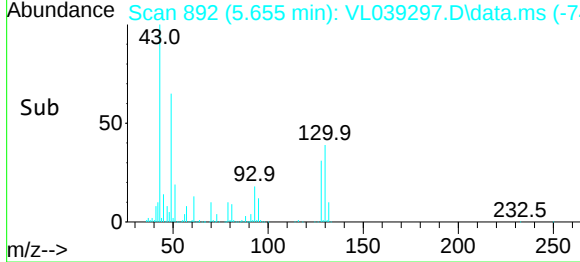
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 134820
Ion Ratio Lower Upper
49 100
128 52.9 24.7 74.1
130 67.2 31.4 94.0

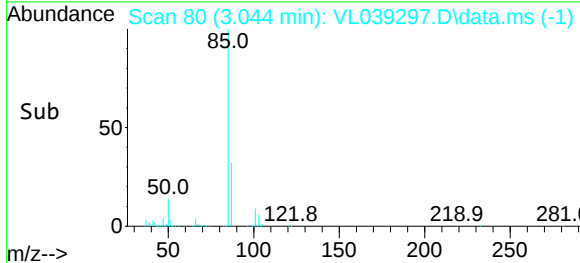
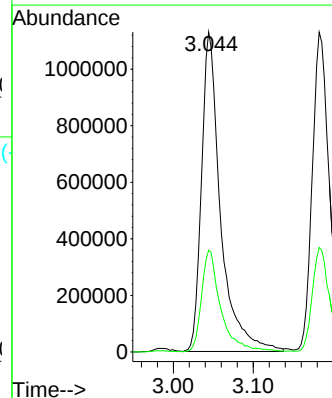
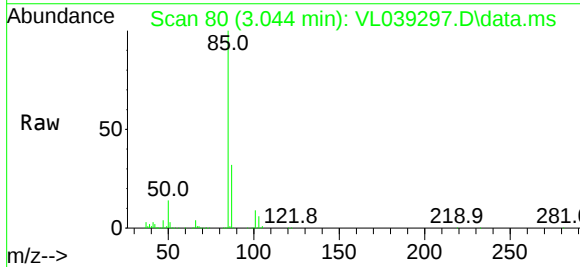
Manual Integrations
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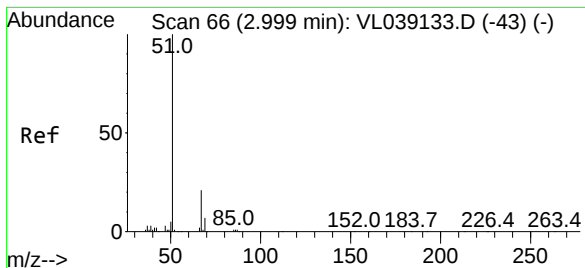
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#2
Dichlorodifluoromethane
Concen: 7.908 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

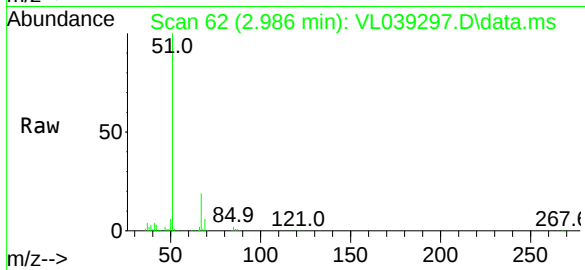
Tgt Ion: 85 Resp: 1872644
Ion Ratio Lower Upper
85 100
87 31.8 26.9 40.3





#3
Chlorodifluoromethane
Concen: 8.382 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

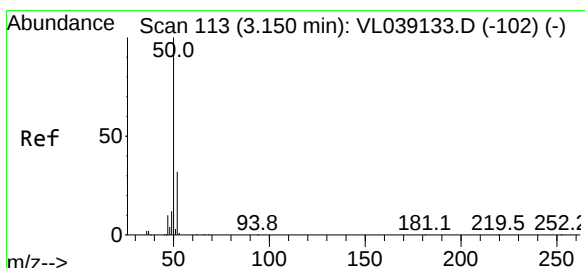
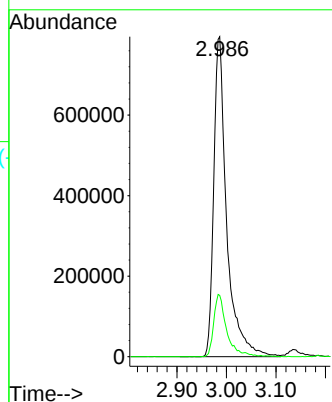
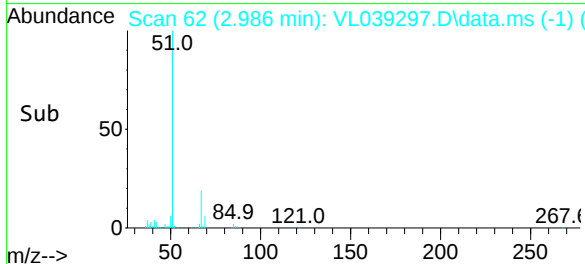
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



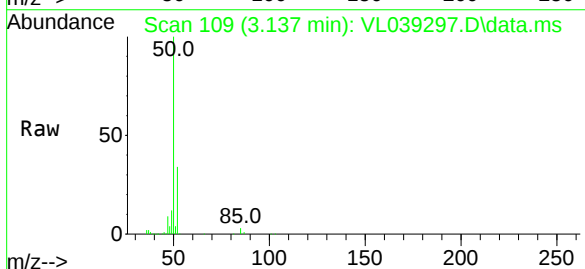
Tgt Ion: 51 Resp: 1437810
Ion Ratio Lower Upper
51 100
67 19.6 16.2 24.4

Manual Integrations
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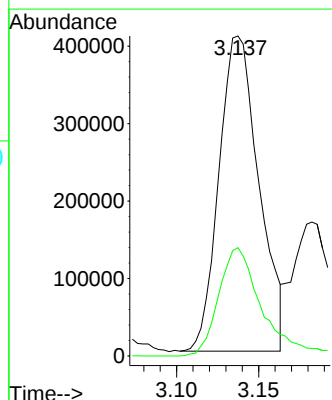
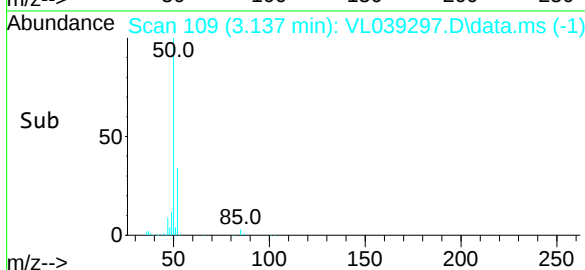
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

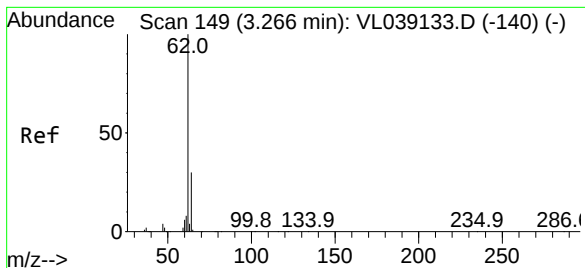


#4
Chloromethane
Concen: 7.830 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



Tgt Ion: 50 Resp: 689891
Ion Ratio Lower Upper
50 100
52 34.4 25.9 38.9





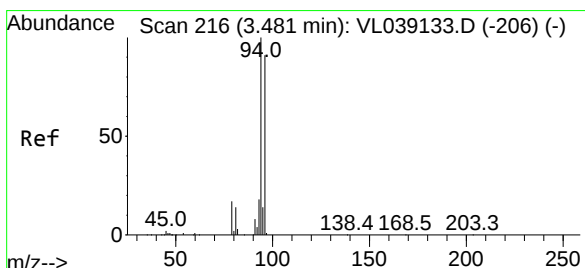
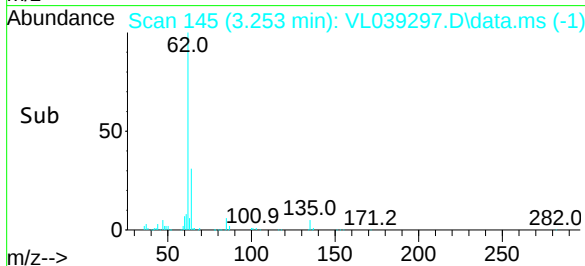
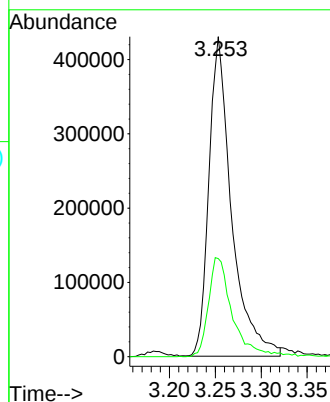
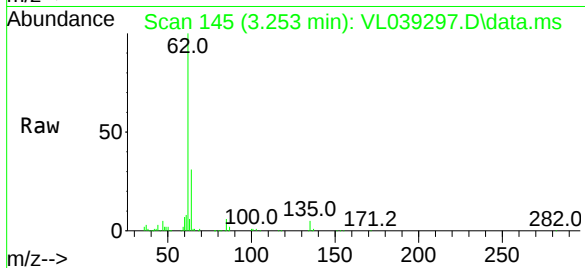
#5
 Vinyl Chloride
 Concen: 8.954 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 73758
 Ion Ratio Lower Upper
 62 100
 64 30.6 24.2 36.2

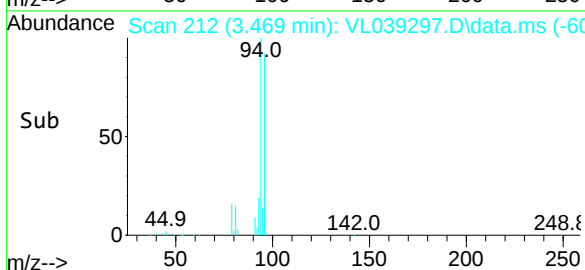
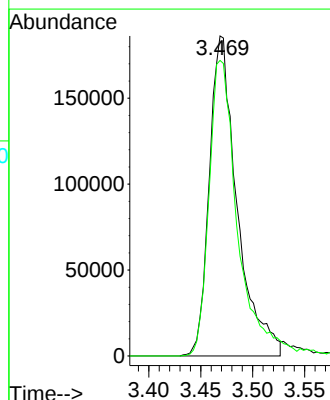
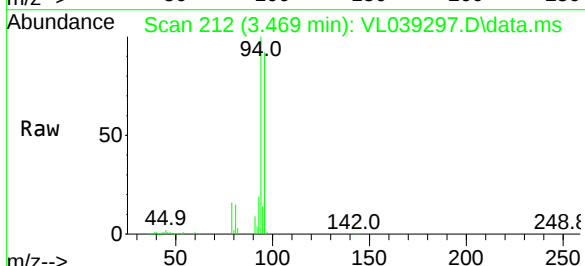
Manual Integrations
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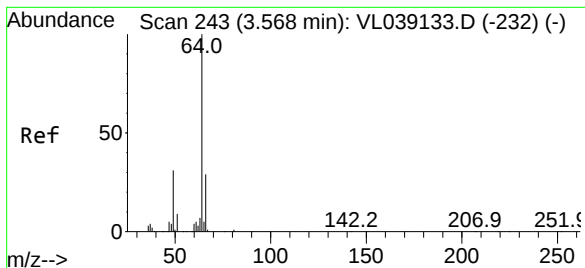
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#6
 Bromomethane
 Concen: 8.564 ppbv
 RT: 3.469 min Scan# 212
 Delta R.T. -0.013 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

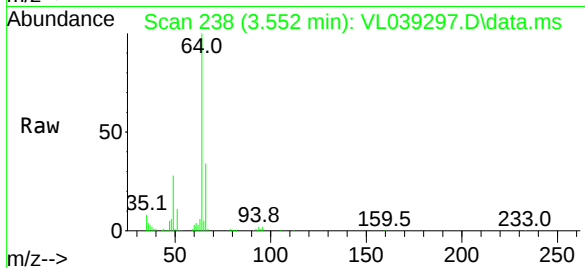
Tgt Ion: 94 Resp: 347023
 Ion Ratio Lower Upper
 94 100
 96 92.3 73.0 109.4





#7
Chloroethane
Concen: 9.490 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

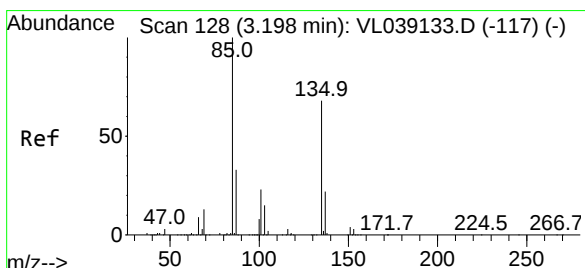
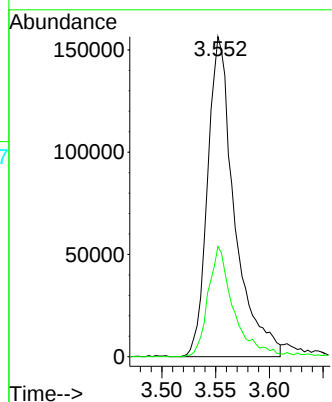
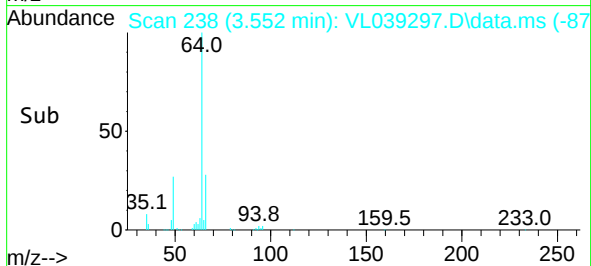
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 272397
Ion Ratio Lower Upper
64 100
66 34.4 23.6 35.4

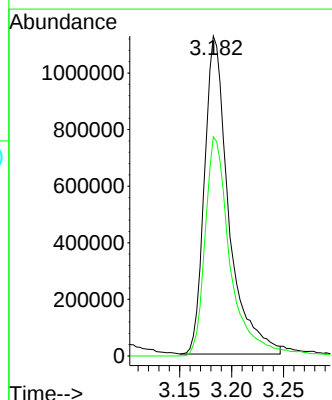
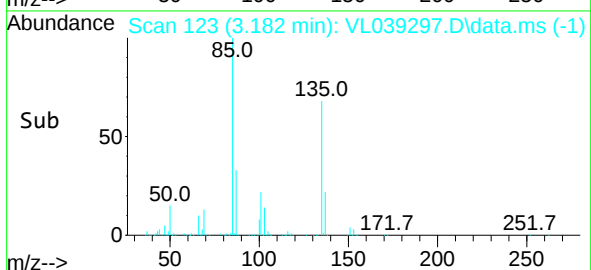
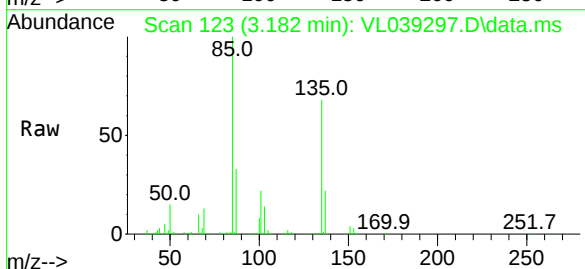
Manual Integrations
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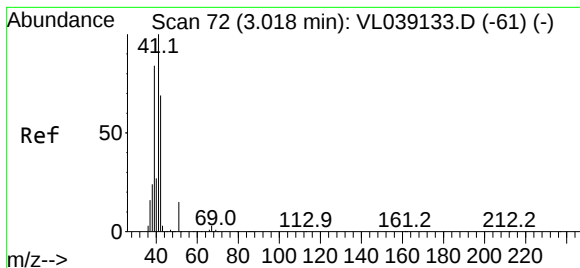
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#8
Dichlorotetrafluoroethane
Concen: 8.433 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

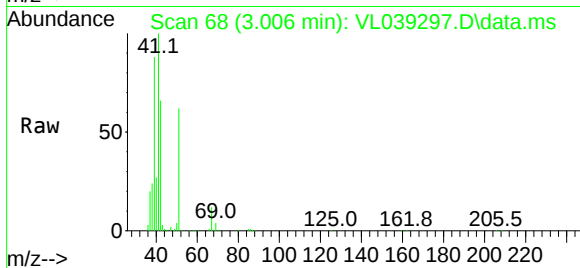
Tgt Ion: 85 Resp: 1825140
Ion Ratio Lower Upper
85 100
135 72.6 55.0 82.4





#9
Propene
Concen: 8.286 ppbv
RT: 3.006 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

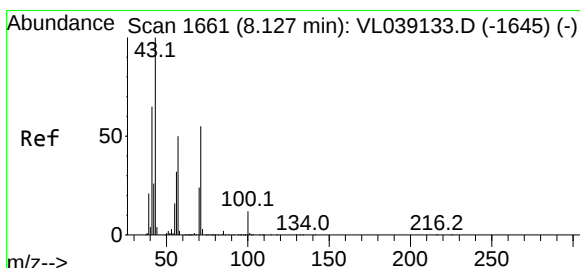
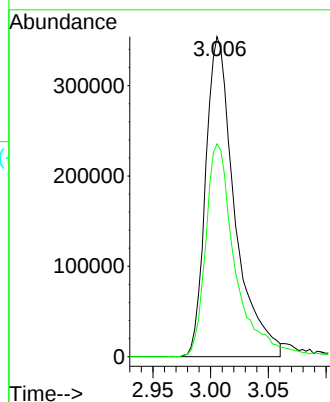
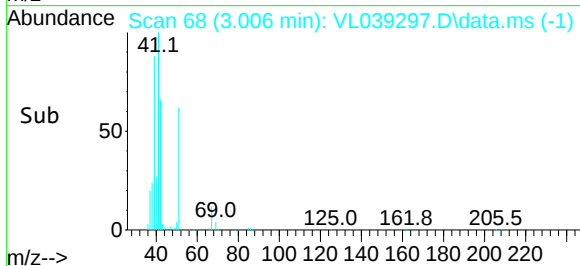
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 61981
Ion Ratio Lower Upper
41 100
42 68.5 55.4 83.2

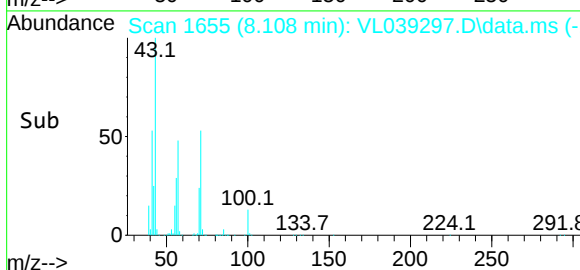
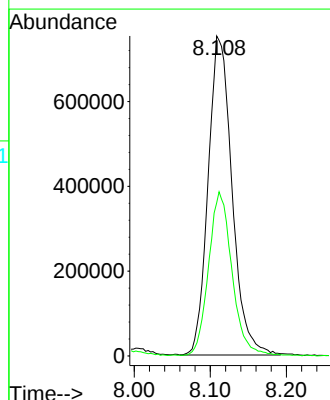
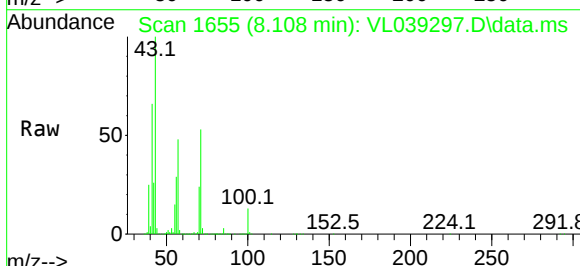
Manual Integrations
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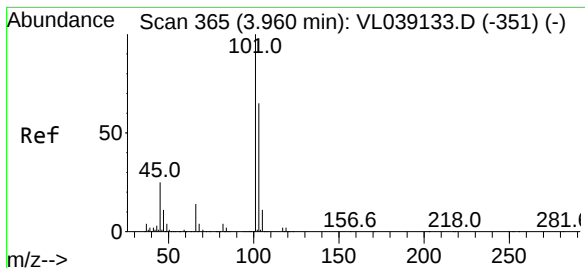
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#10
Heptane
Concen: 9.432 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

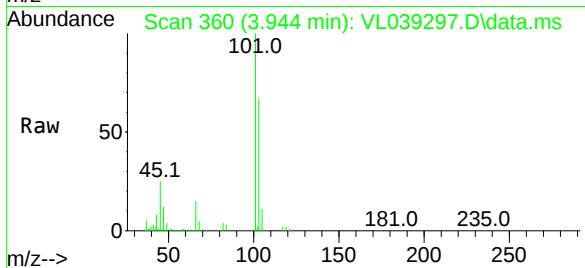
Tgt Ion: 43 Resp: 1645869
Ion Ratio Lower Upper
43 100
57 50.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 8.720 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

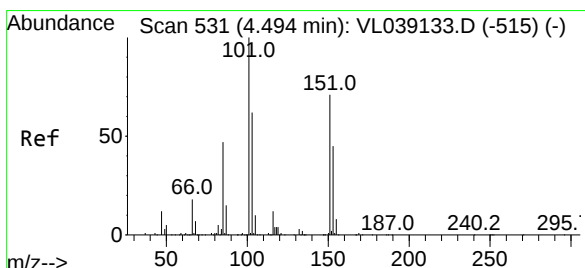
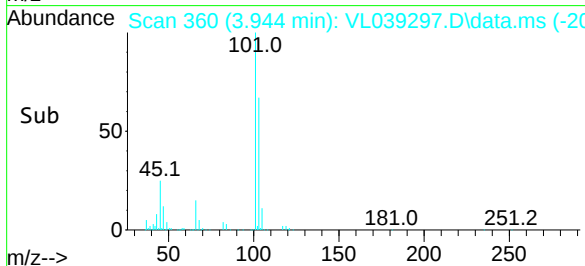
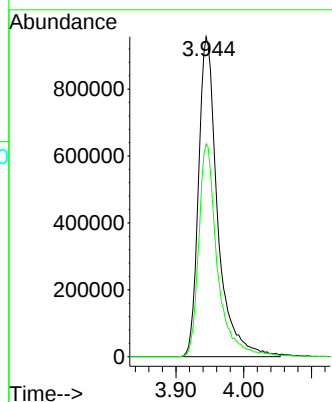
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1869230
Ion Ratio Lower Upper
101 100
103 66.5 51.7 77.5

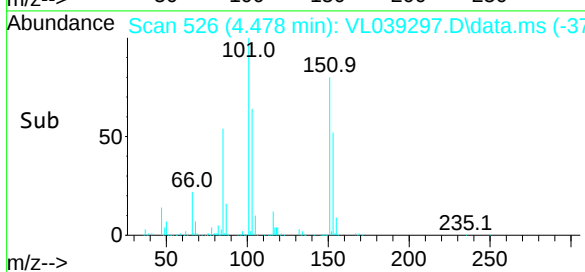
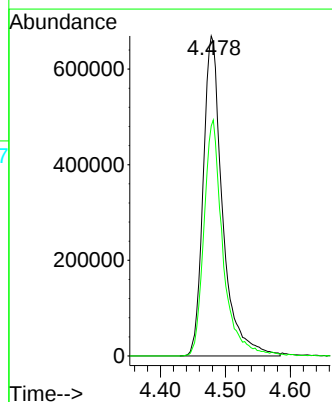
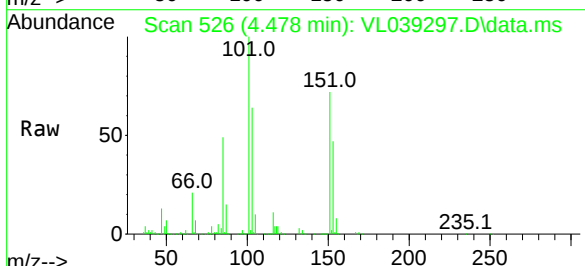
Manual Integrations
APPROVED

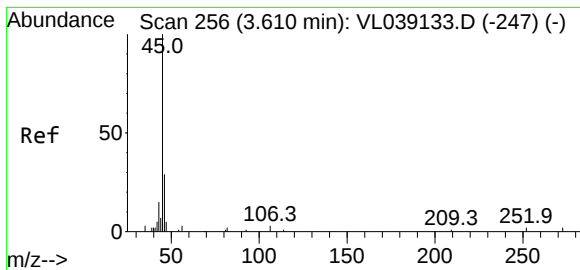
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.790 ppbv
RT: 4.478 min Scan# 526
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

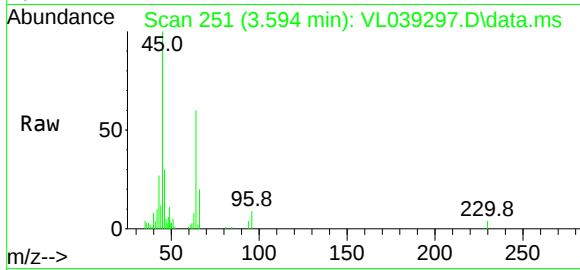
Tgt Ion:101 Resp: 1387751
Ion Ratio Lower Upper
101 100
151 72.6 59.4 89.0





#13
Ethanol
Concen: 10.066 ppbv
RT: 3.594 min Scan# 210
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

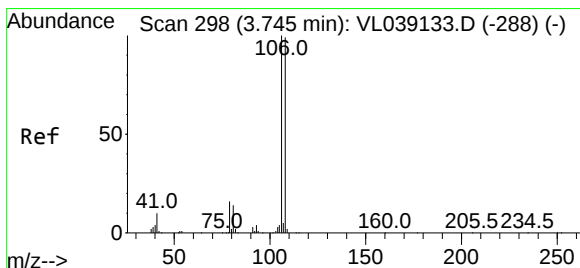
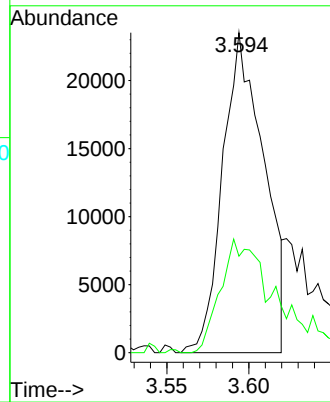
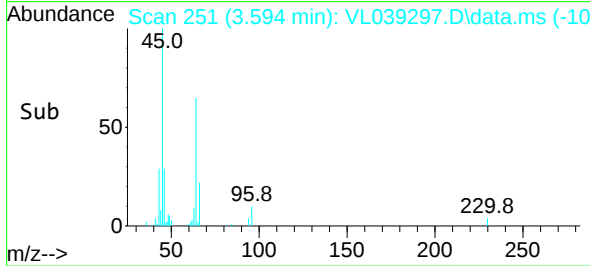
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 41060
Ion Ratio Lower Upper
45 100
46 52.5 0.0 0.0

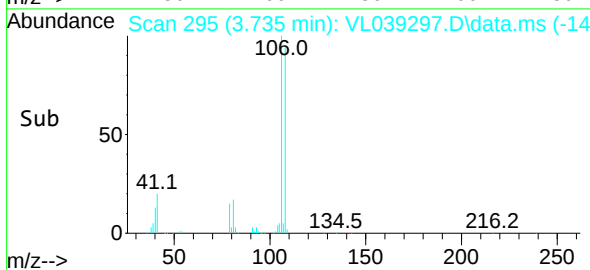
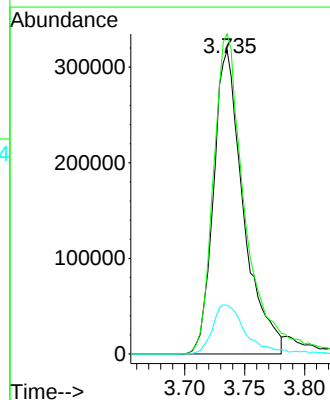
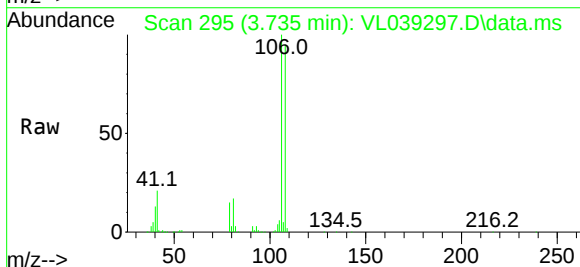
Manual Integrations
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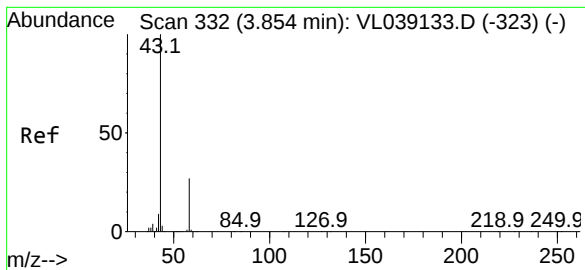
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#14
Bromoethene
Concen: 8.632 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

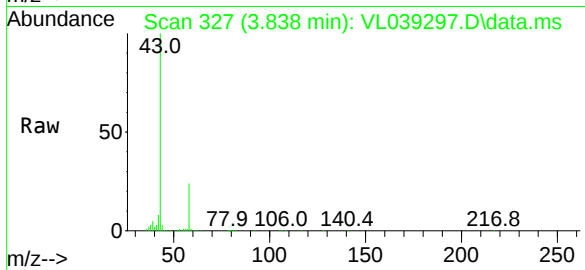
Tgt Ion:108 Resp: 550085
Ion Ratio Lower Upper
108 100
106 113.9 88.4 132.6
79 18.4 13.4 20.2





#15
Acetone
Concen: 10.882 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

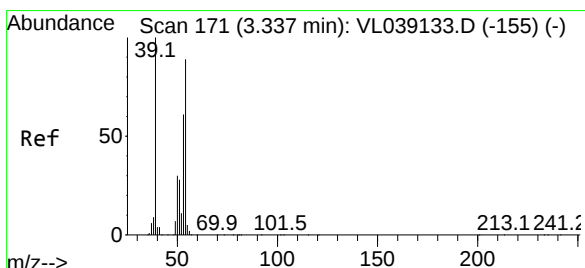
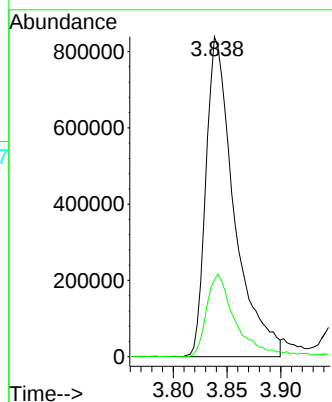
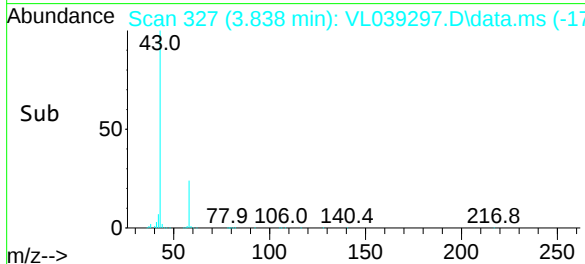
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 152820
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7

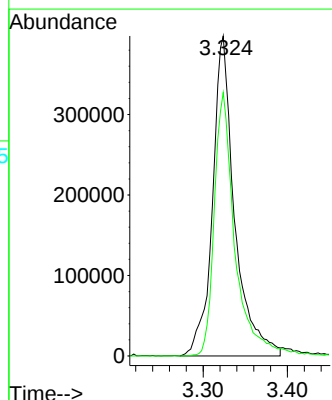
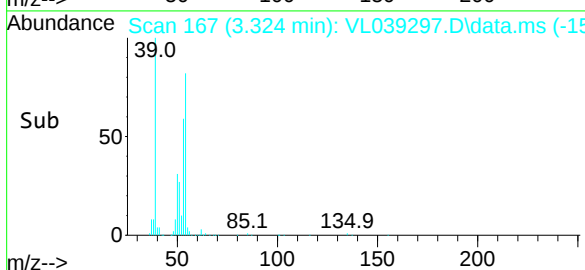
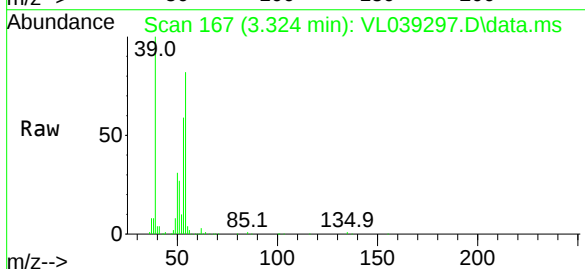
Manual Integrations
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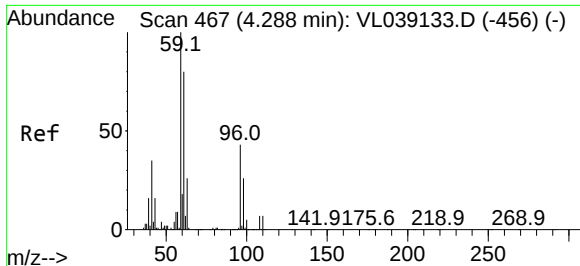
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#16
1,3-Butadiene
Concen: 9.629 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 39 Resp: 726928
Ion Ratio Lower Upper
39 100
54 77.1 65.8 98.6





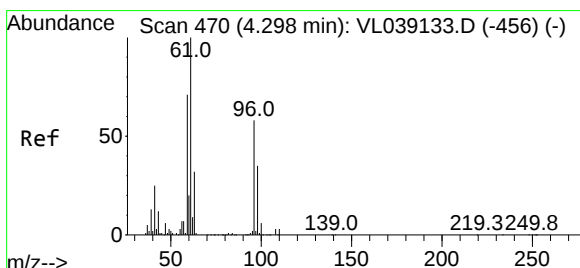
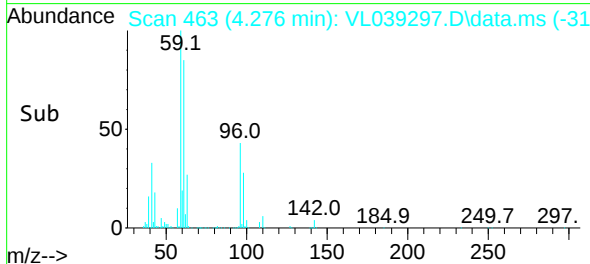
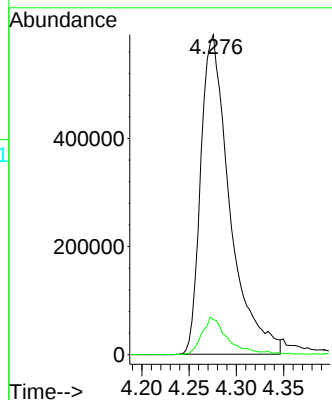
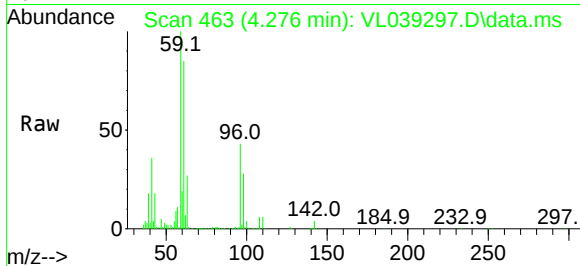
#17
tert-Butyl alcohol
Concen: 11.567 ppbv
RT: 4.276 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 126001
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

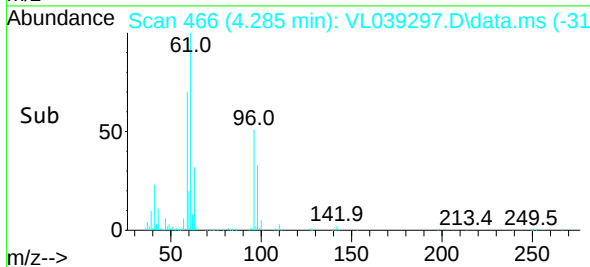
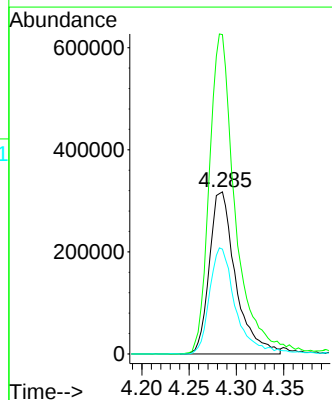
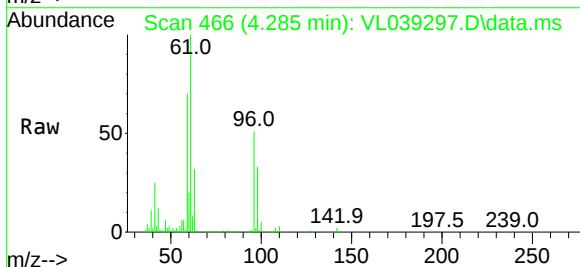
Manual Integrations
APPROVED

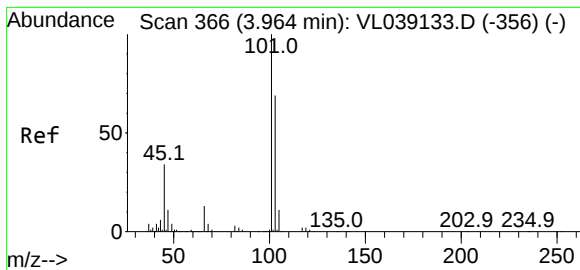
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#18
1,1-Dichloroethene
Concen: 9.633 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

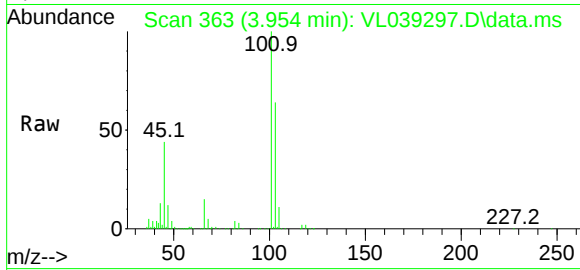
Tgt Ion: 96 Resp: 612542
Ion Ratio Lower Upper
96 100
61 196.9 138.4 207.6
98 64.6 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.284 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

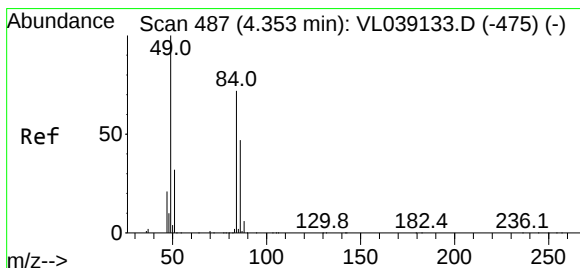
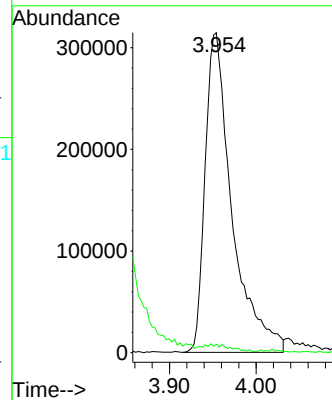
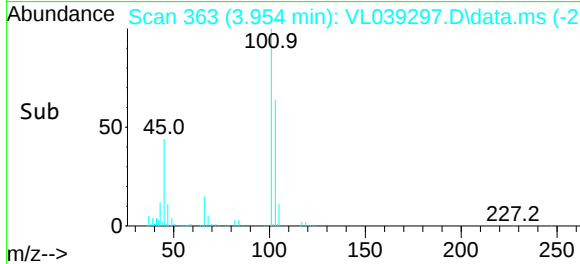
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 67740
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8

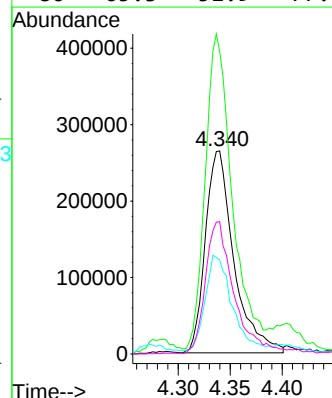
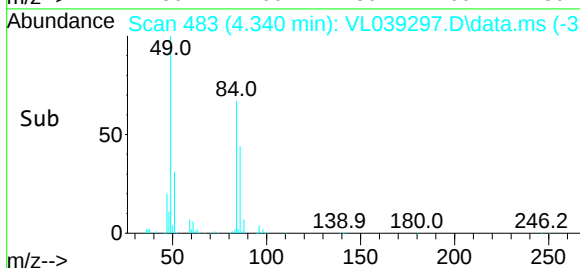
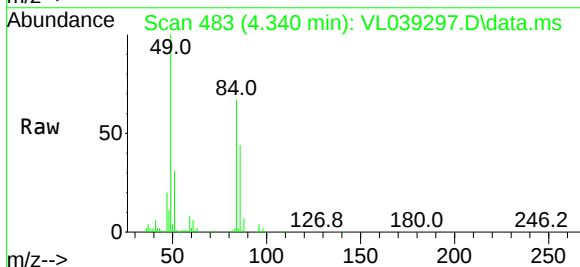
Manual Integrations
APPROVED

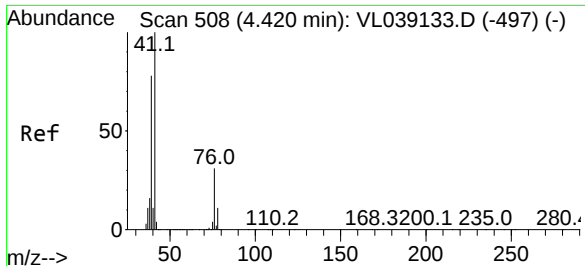
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#20
Methylene Chloride
Concen: 8.533 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

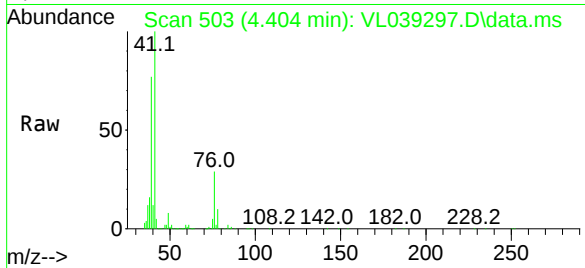
Tgt Ion: 84 Resp: 504985
Ion Ratio Lower Upper
84 100
49 147.3 111.1 166.7
51 44.9 35.3 52.9
86 65.3 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.757 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. -0.016 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

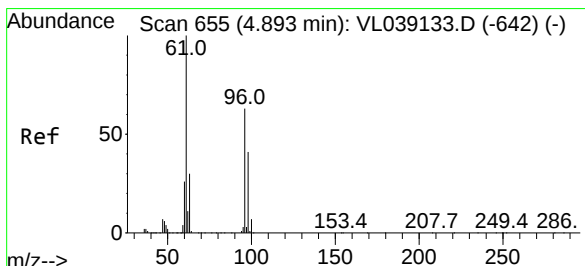
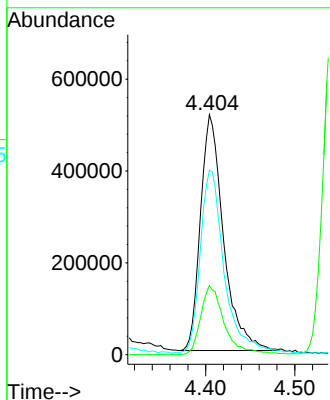
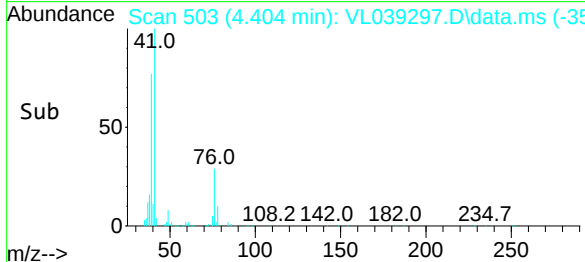
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 924344
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.2 36.2
 39 81.6 62.2 93.2

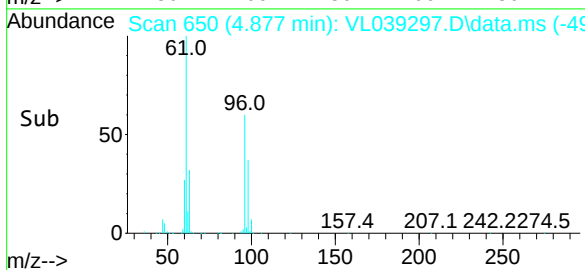
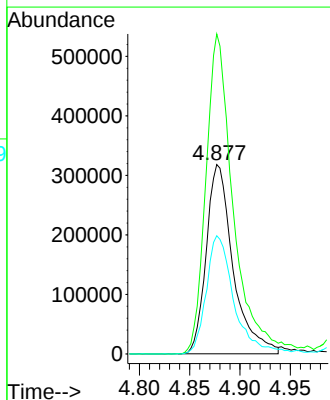
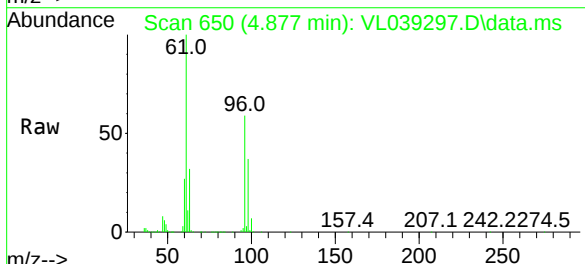
Manual Integrations
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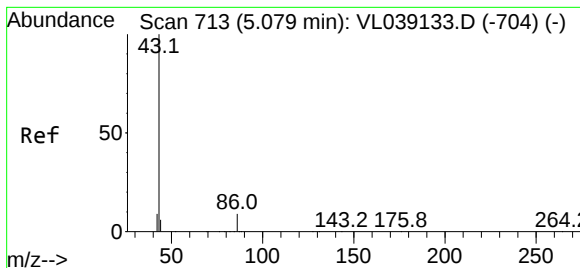
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.666 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.016 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

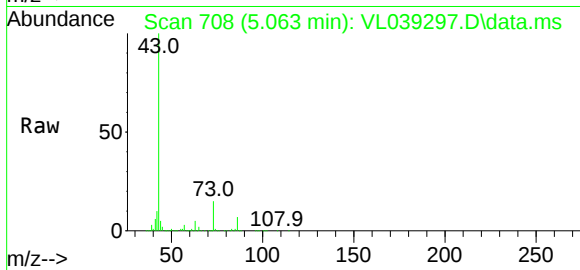
Tgt Ion: 96 Resp: 591390
 Ion Ratio Lower Upper
 96 100
 61 168.8 126.6 190.0
 98 62.4 52.5 78.7





#23
 Vinyl Acetate
 Concen: 8.298 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. -0.016 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

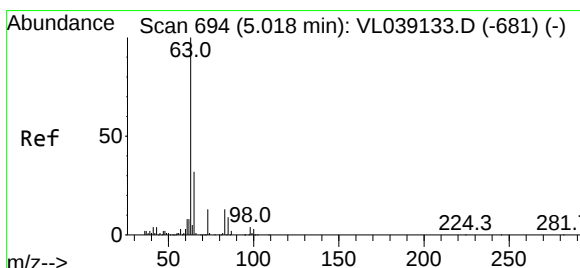
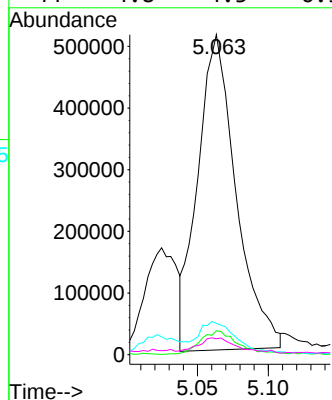
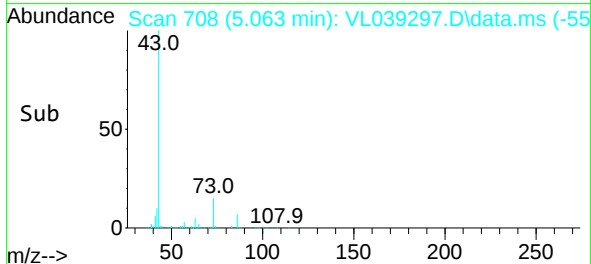
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 964250
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.0 9.0
 42 9.5 8.2 12.4
 44 4.8 4.3 6.5

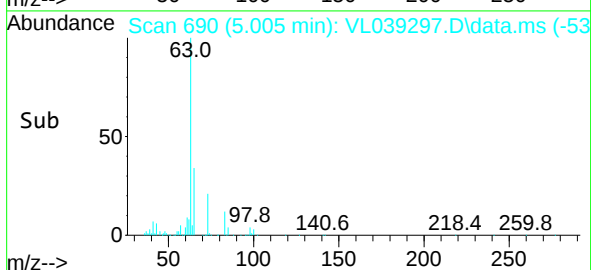
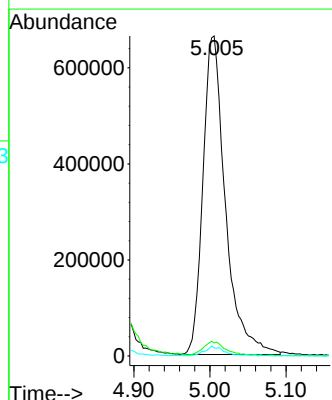
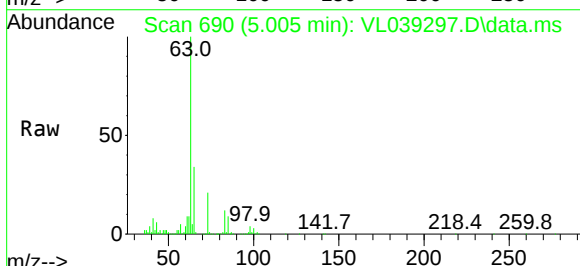
Manual Integrations
 APPROVED

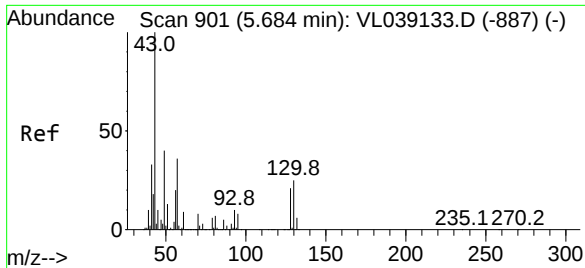
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#24
 1,1-Dichloroethane
 Concen: 8.541 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.013 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

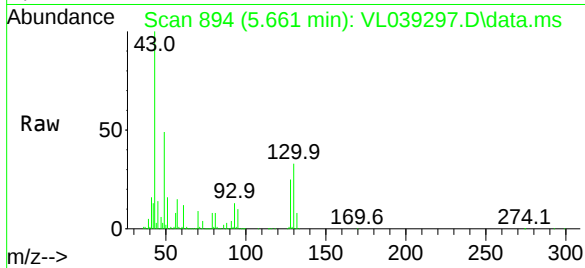
Tgt Ion: 63 Resp: 1359716
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 2.6 1.5 4.5





#25
Ethyl Acetate
Concen: 10.029 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.022 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

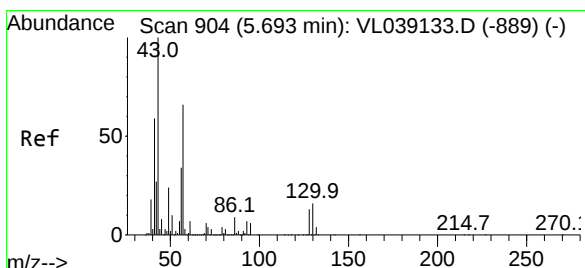
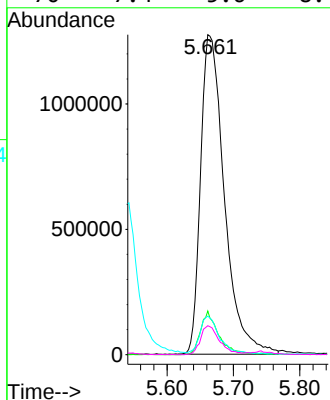
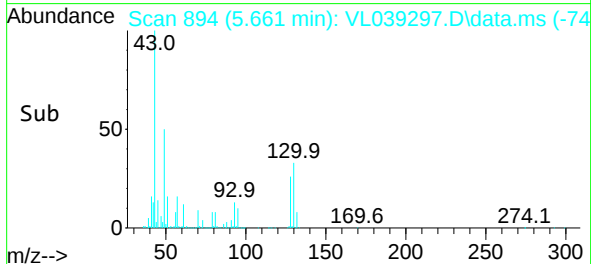


Tgt Ion: 43 Resp: 317463

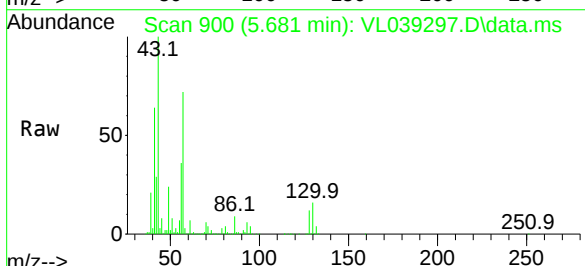
Ion	Ratio	Lower	Upper
43	100		
45	10.7	8.2	12.2
61	10.1	8.4	12.6
70	7.4	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

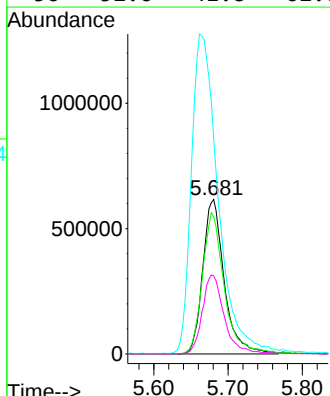
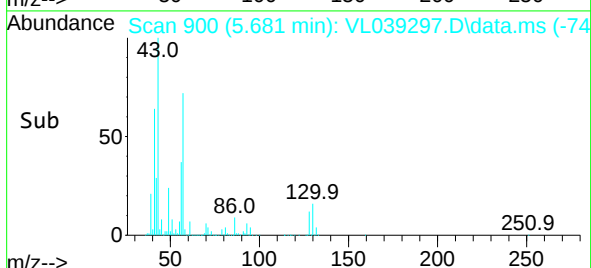


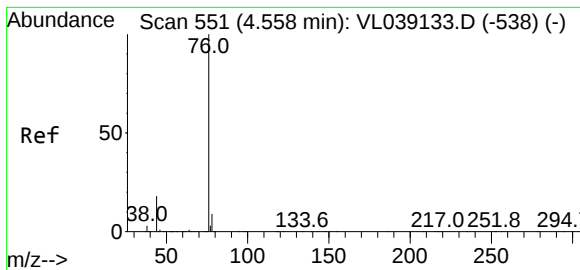
#26
Hexane
Concen: 8.889 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



Tgt Ion: 57 Resp: 1236469

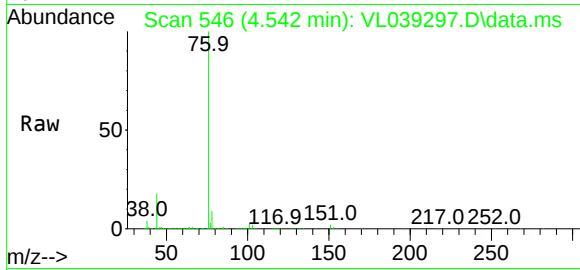
Ion	Ratio	Lower	Upper
57	100		
41	94.4	72.4	108.6
43	260.2	187.0	280.6
56	52.6	41.8	62.6





#27
Carbon Disulfide
Concen: 9.910 ppbv
RT: 4.542 min Scan# 54
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

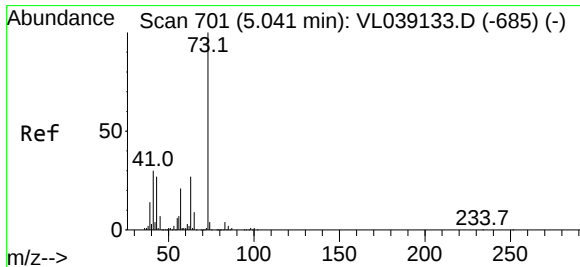
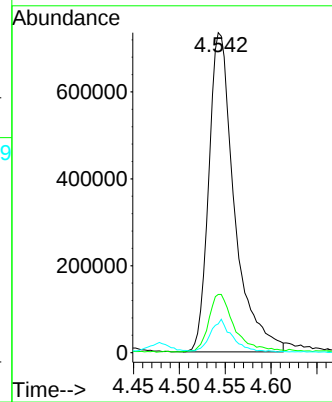
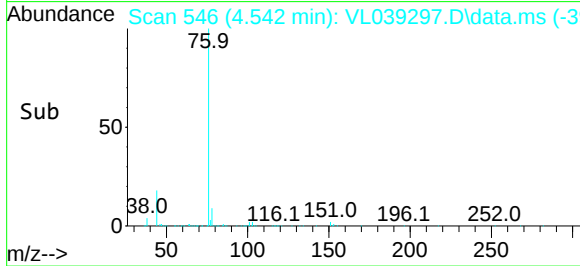
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1428748
Ion Ratio Lower Upper
76 100
44 18.8 14.4 21.6
78 9.8 7.7 11.5

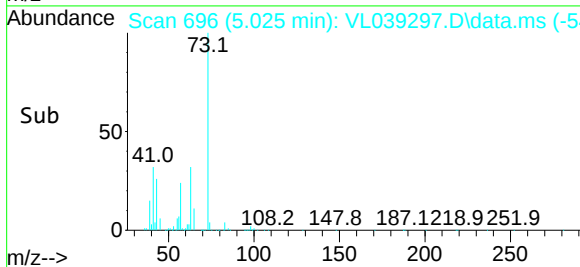
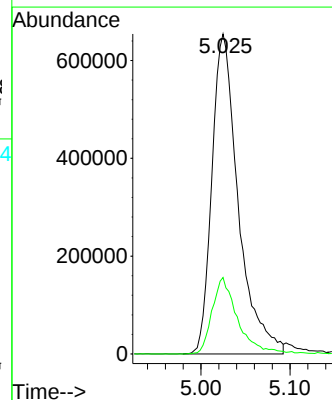
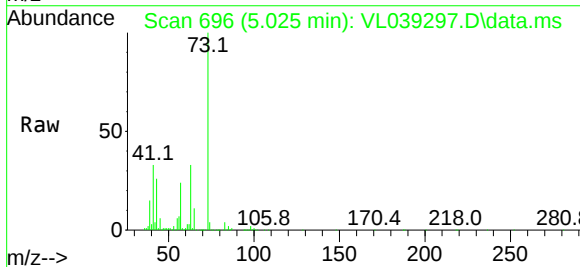
Manual Integrations
APPROVED

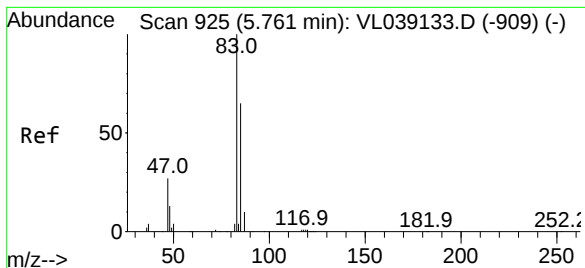
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#28
Methyl tert-Butyl Ether
Concen: 8.748 ppbv
RT: 5.025 min Scan# 696
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

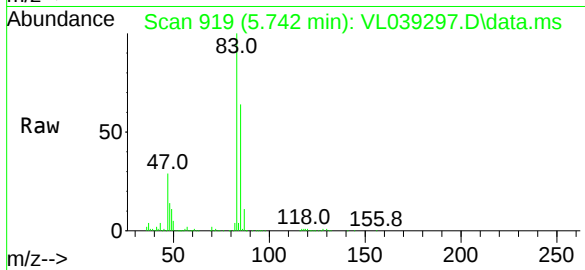
Tgt Ion: 73 Resp: 1343336
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





#29
Chloroform
Concen: 8.222 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

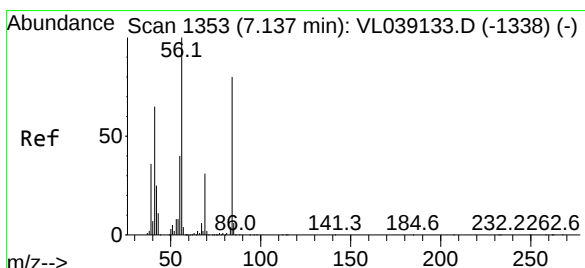
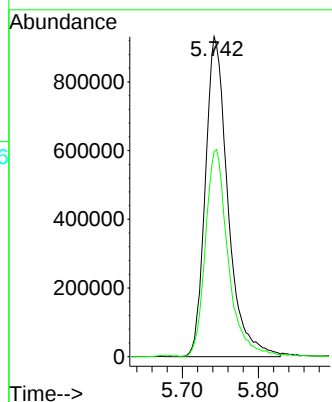
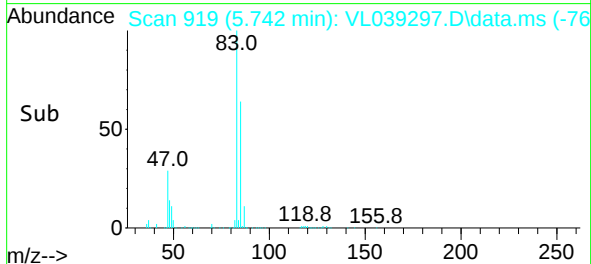
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



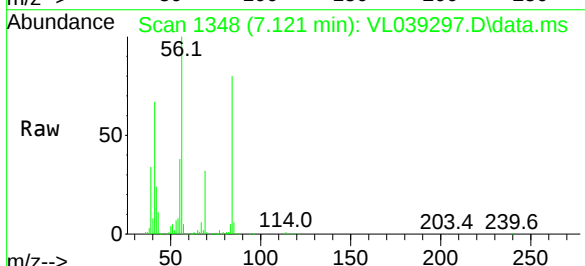
Tgt Ion: 83 Resp: 192456
Ion Ratio Lower Upper
83 100
85 64.0 52.4 78.6

Manual Integrations
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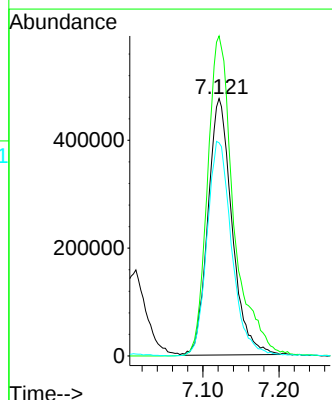
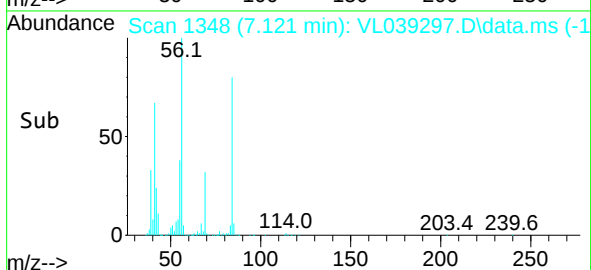
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

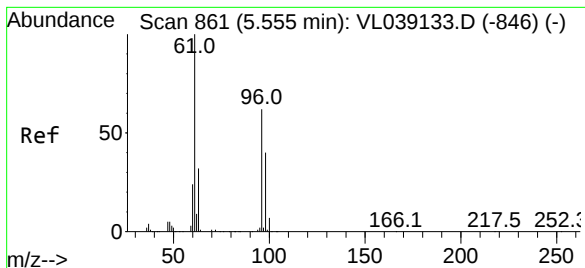


#30
Cyclohexane
Concen: 8.954 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



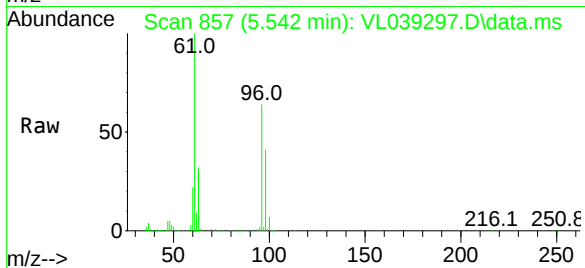
Tgt Ion: 84 Resp: 1046299
Ion Ratio Lower Upper
84 100
56 136.8 110.6 165.8
41 85.7 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 8.533 ppbv
RT: 5.542 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

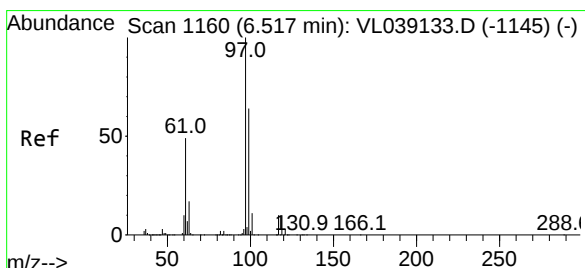
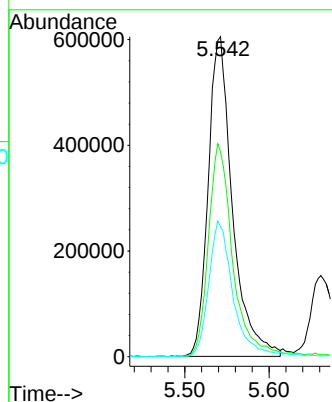
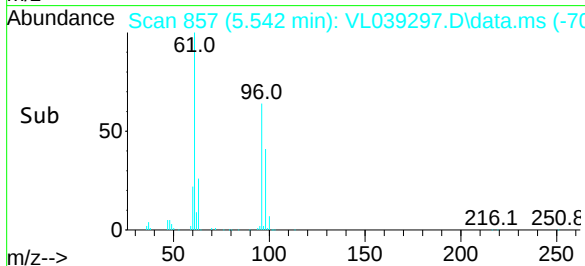
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



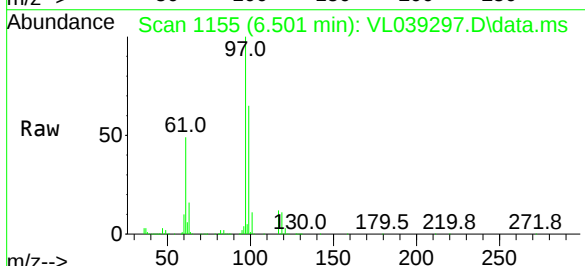
Tgt Ion: 61 Resp: 121030
Ion Ratio Lower Upper
61 100
96 63.9 49.9 74.9
98 40.7 32.0 48.0

Manual Integrations
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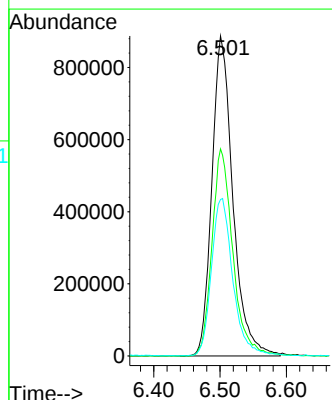
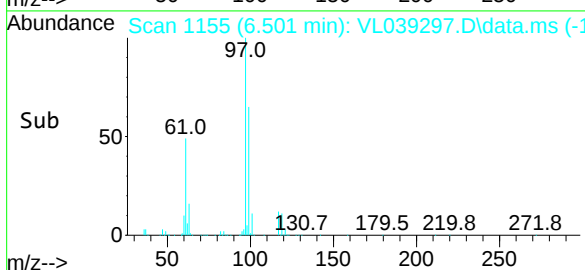
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

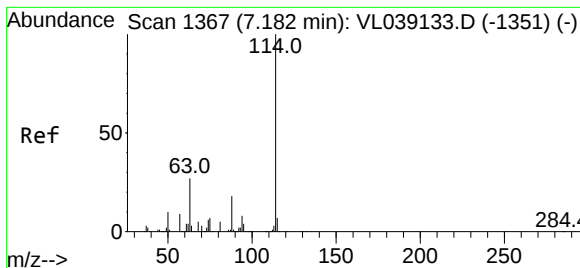


#32
1,1,1-Trichloroethane
Concen: 8.511 ppbv
RT: 6.501 min Scan# 1155
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



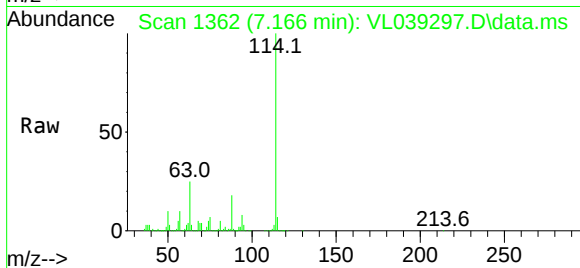
Tgt Ion: 97 Resp: 1949482
Ion Ratio Lower Upper
97 100
99 64.5 52.1 78.1
61 50.5 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

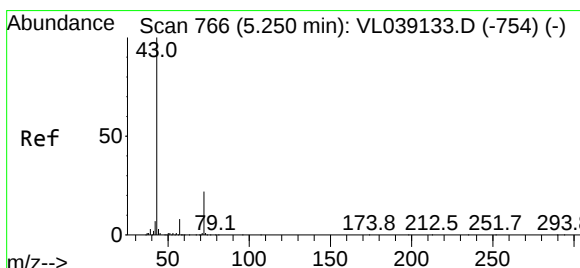
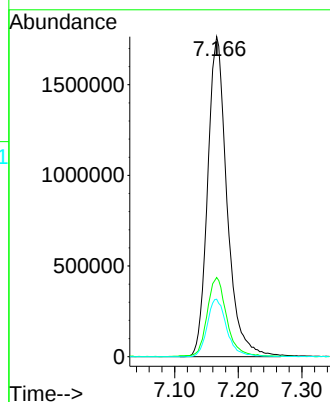
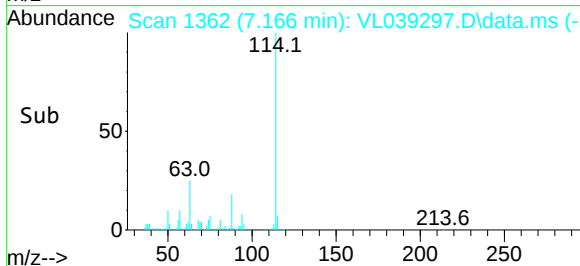
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



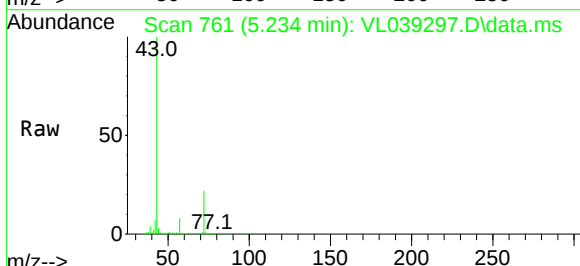
Tgt Ion:114 Resp: 3734188
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.2 14.8 22.2

Manual Integrations
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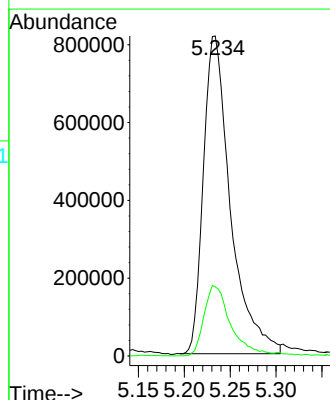
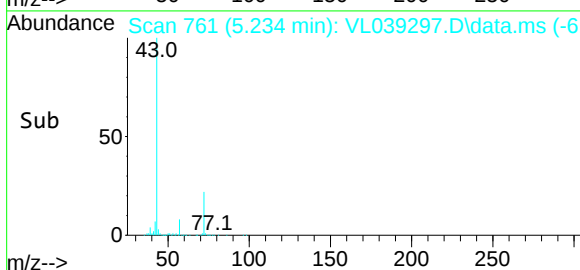
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

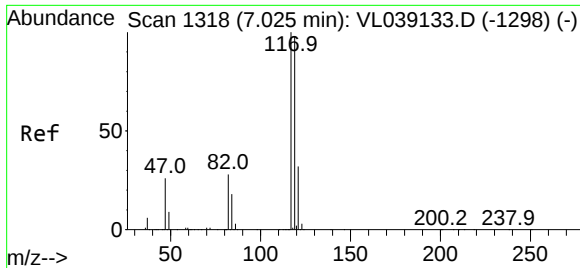


#34
2-Butanone
Concen: 8.298 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



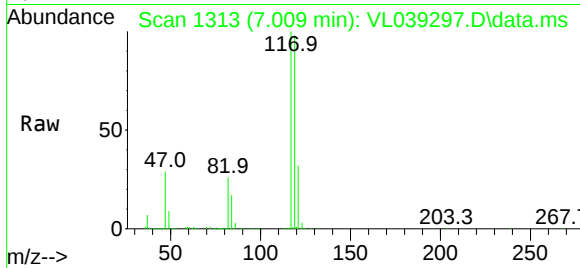
Tgt Ion: 43 Resp: 1683519
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.2





#35
Carbon Tetrachloride
Concen: 7.470 ppbv
RT: 7.009 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

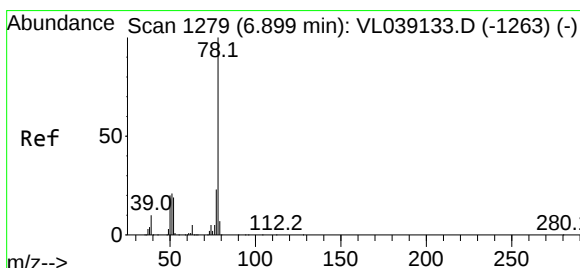
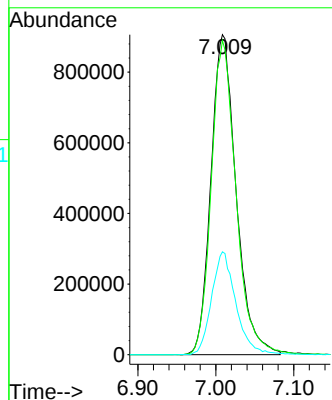
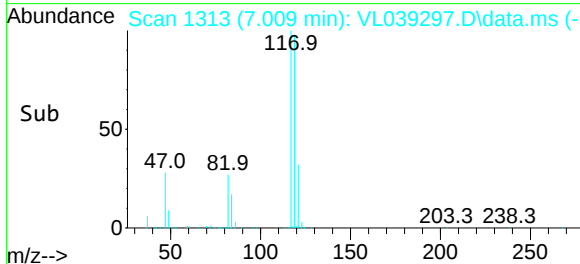
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



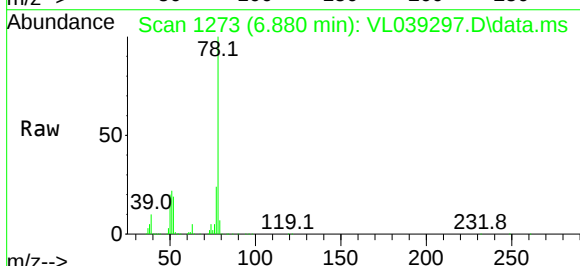
Tgt Ion: 117 Resp: 203603
Ion Ratio Lower Upper
117 100
119 98.1 78.6 118.0
121 32.1 25.4 38.0

Manual Integrations
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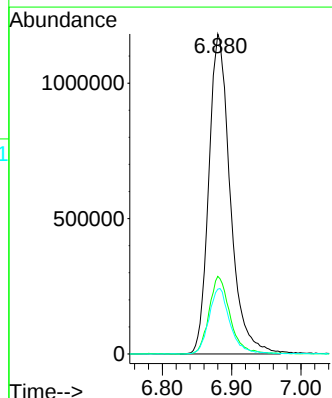
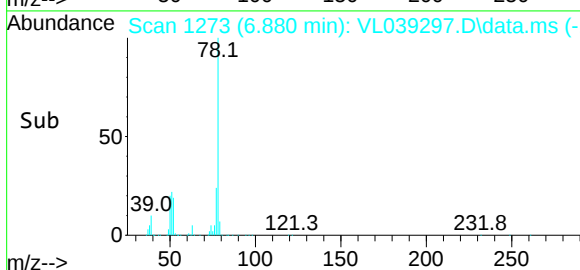
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

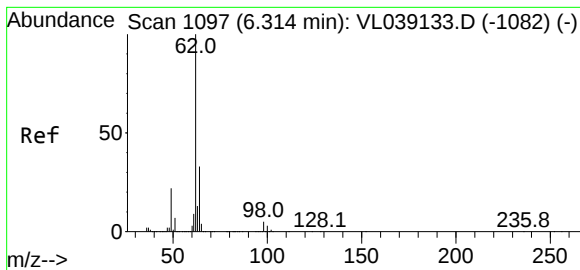


#36
Benzene
Concen: 8.366 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



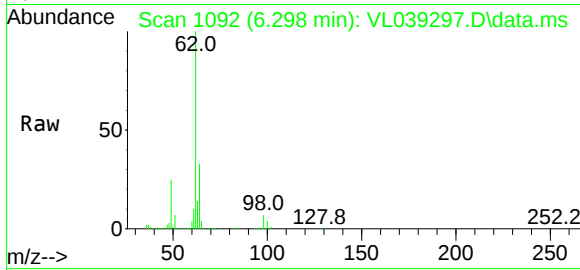
Tgt Ion: 78 Resp: 2536134
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8
50 20.3 15.8 23.8





#37
1,2-Dichloroethane
Concen: 7.392 ppbv
RT: 6.298 min Scan# 1097
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

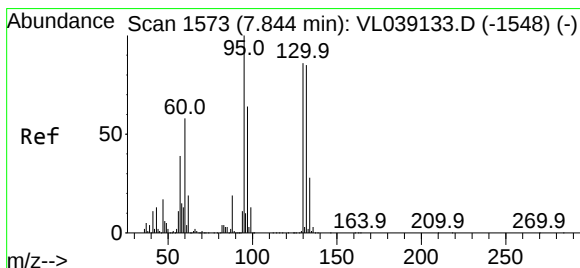
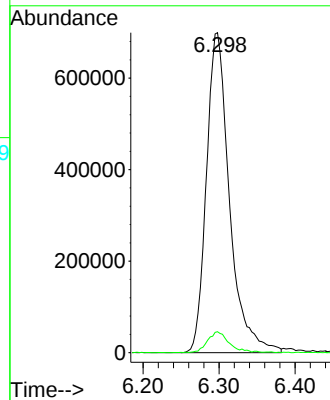
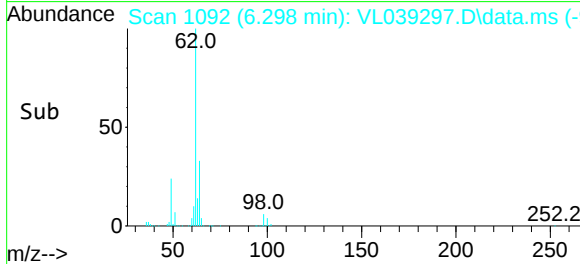
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 147475
Ion Ratio Lower Upper
62 100
98 6.4 4.3 6.5

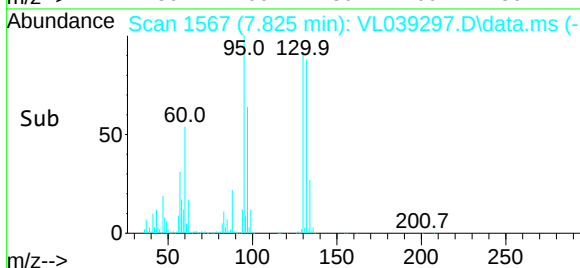
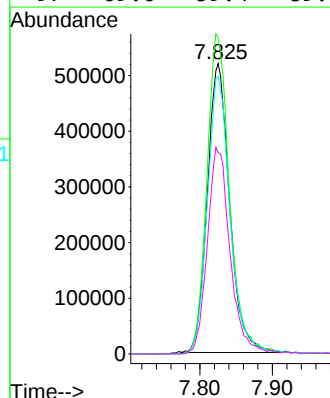
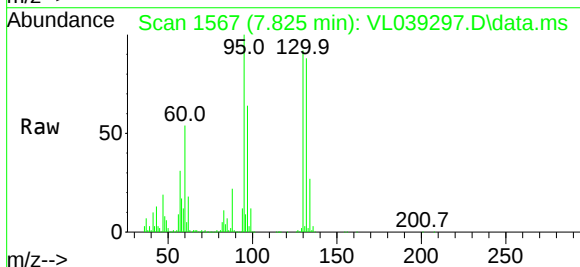
Manual Integrations
APPROVED

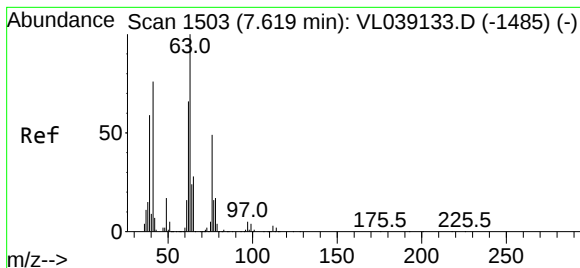
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#38
Trichloroethene
Concen: 7.954 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

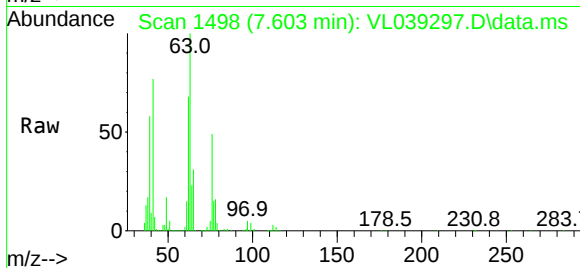
Tgt Ion:130 Resp: 1107596
Ion Ratio Lower Upper
130 100
95 109.4 93.3 139.9
132 96.0 79.0 118.4
97 69.6 59.4 89.2





#39
1,2-Dichloropropane
Concen: 7.856 ppbv
RT: 7.603 min Scan# 1498
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

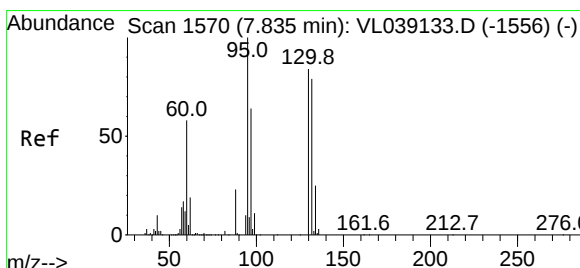
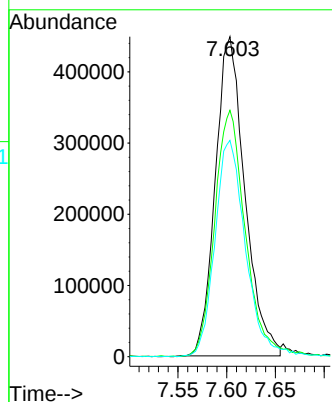
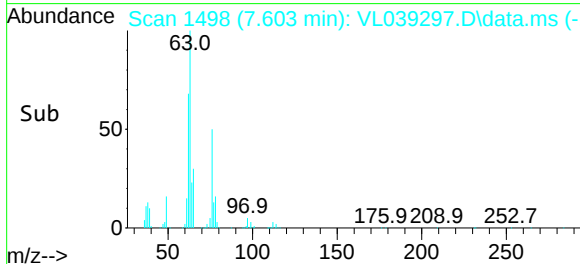
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



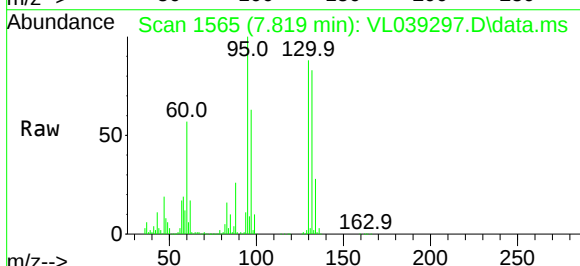
Tgt Ion: 63 Resp: 947278
Ion Ratio Lower Upper
63 100
41 77.0 60.8 91.2
62 67.7 52.9 79.3

Manual Integrations
APPROVED

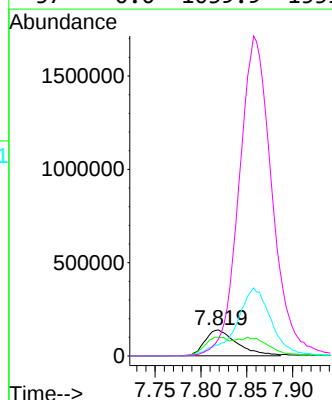
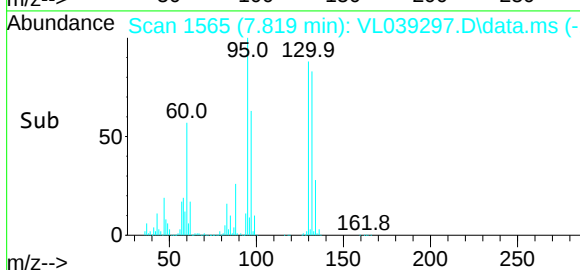
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

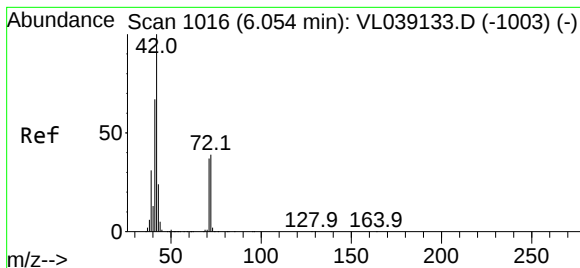


#40
1,4-Dioxane
Concen: 8.536 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



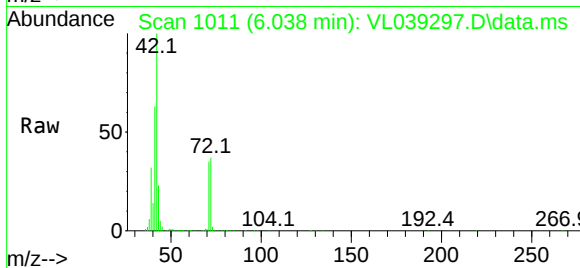
Tgt Ion: 88 Resp: 338873
Ion Ratio Lower Upper
88 100
58 63.2 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 7.847 ppbv
RT: 6.038 min Scan# 1016
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

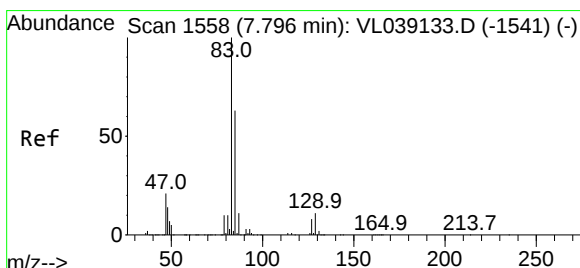
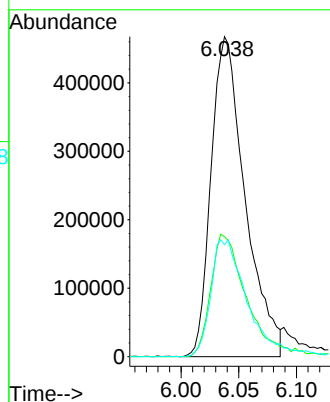
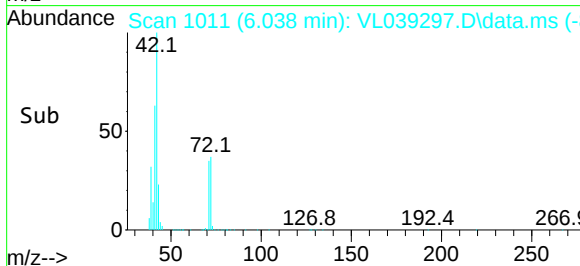
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 957385
Ion Ratio Lower Upper
42 100
72 41.3 32.0 48.0
71 40.3 31.1 46.7

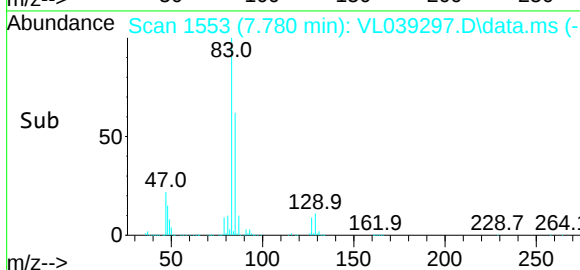
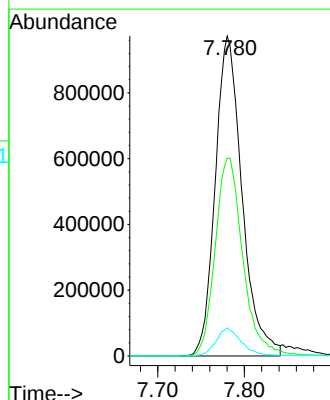
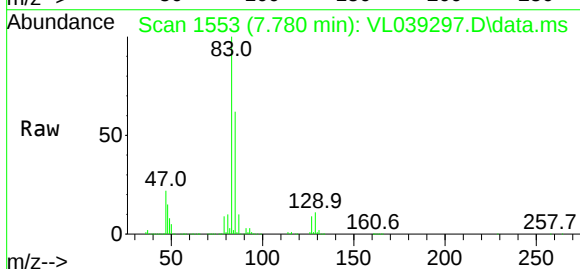
Manual Integrations
APPROVED

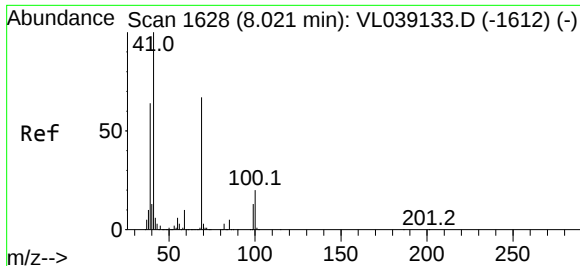
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#42
Bromodichloromethane
Concen: 7.545 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 83 Resp: 2089236
Ion Ratio Lower Upper
83 100
85 61.8 50.2 75.4
127 8.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.241 ppbv
RT: 8.002 min Scan# 109119
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

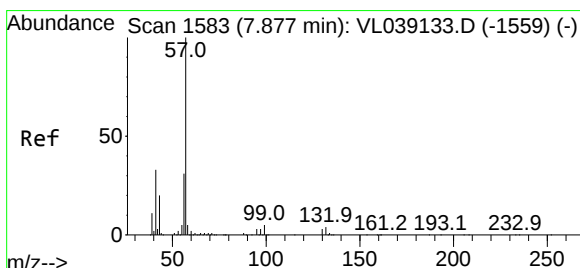
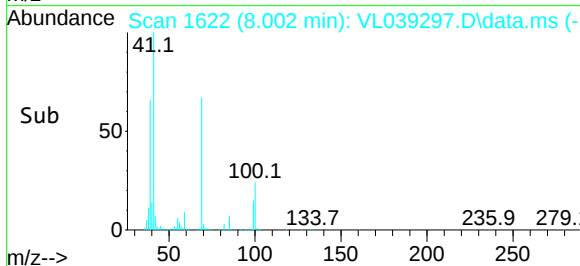
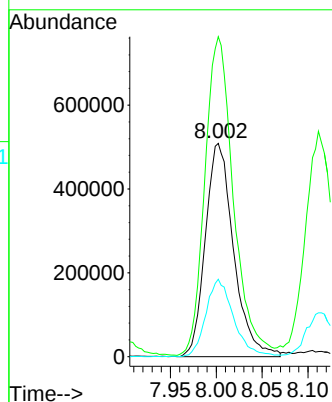
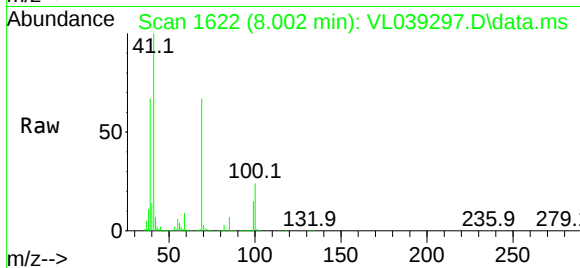
VSTDCCC010EC

Tgt Ion: 69 Resp: 109119
Ion Ratio Lower Upper
69 100
41 151.5 121.9 182.9
100 35.5 24.1 36.1

Manual Integrations

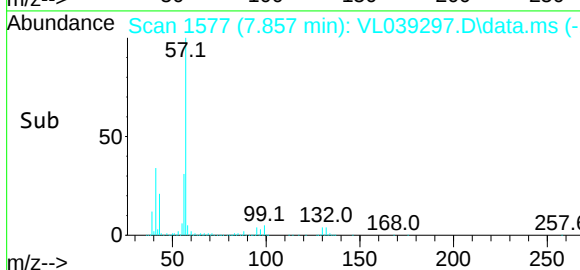
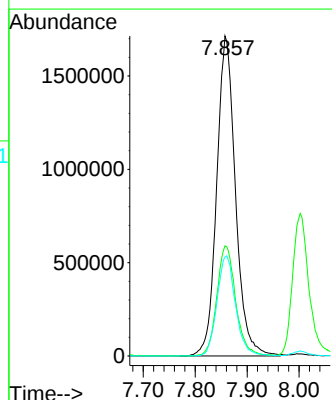
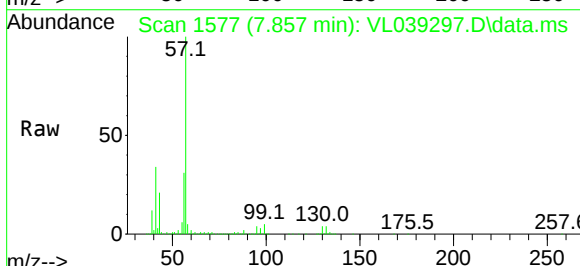
APPROVED

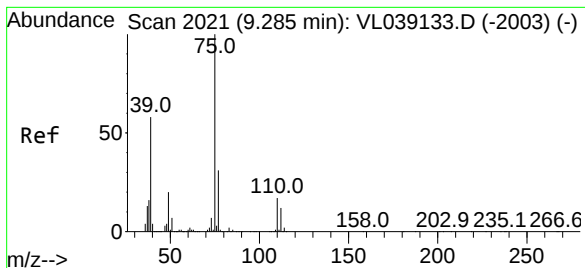
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#44
2,2,4-Trimethylpentane
Concen: 8.117 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 57 Resp: 4304643
Ion Ratio Lower Upper
57 100
41 34.4 26.2 39.4
56 30.9 24.7 37.1





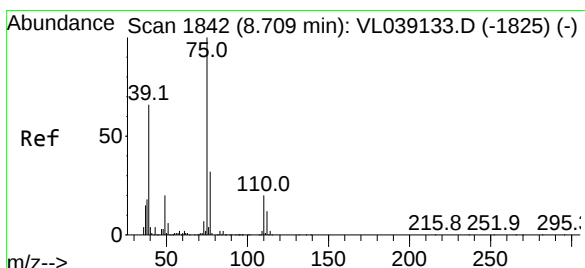
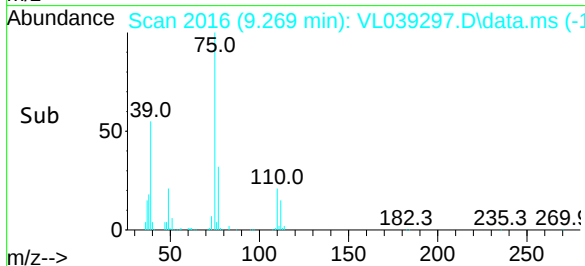
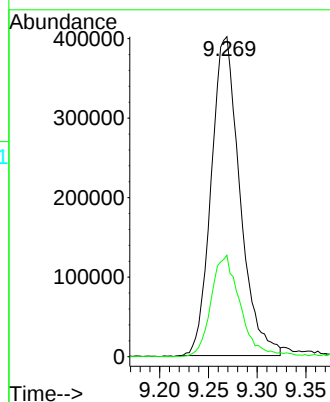
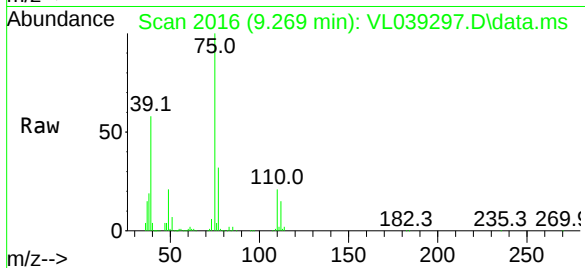
#45
t-1,3-Dichloropropene
Concen: 6.686 ppbv
RT: 9.269 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 822304
Ion Ratio Lower Upper
75 100
77 31.7 24.4 36.6

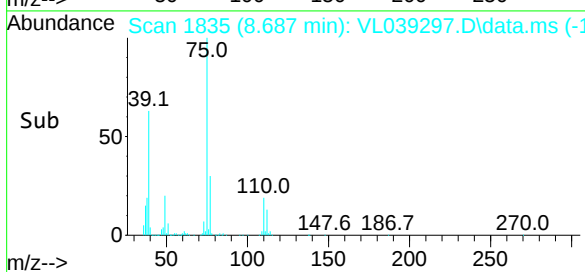
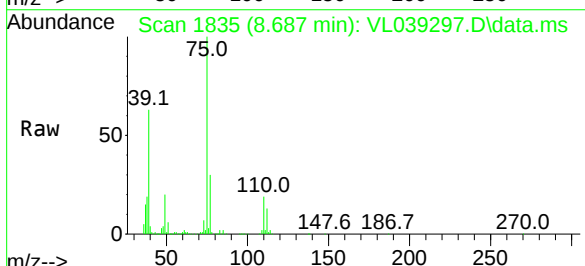
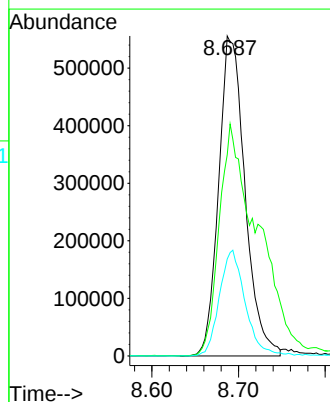
Manual Integrations
APPROVED

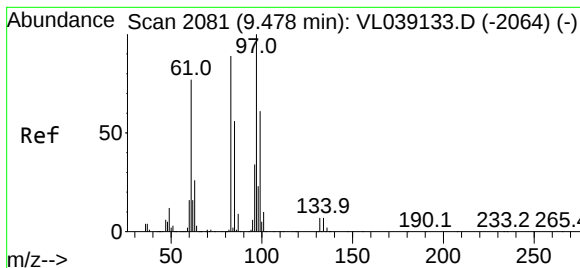
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#46
cis-1,3-Dichloropropene
Concen: 7.218 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.022 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 75 Resp: 1172629
Ion Ratio Lower Upper
75 100
39 62.9 52.4 78.6
77 30.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 8.610 ppbv

RT: 9.465 min Scan# 2081

Delta R.T. -0.013 min

Lab File: VL039297.D

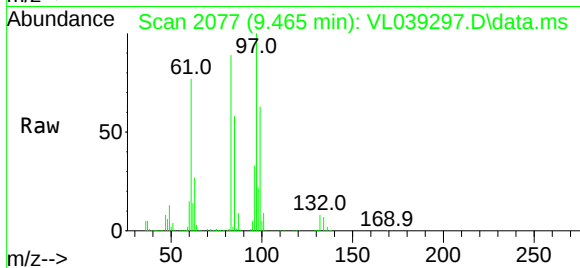
Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 108321

Ion Ratio Lower Upper

97 100

83 88.8 71.6 107.4

85 58.5 44.8 67.2

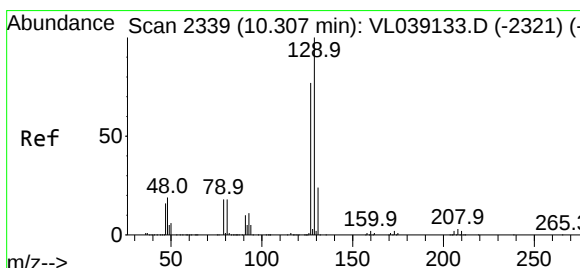
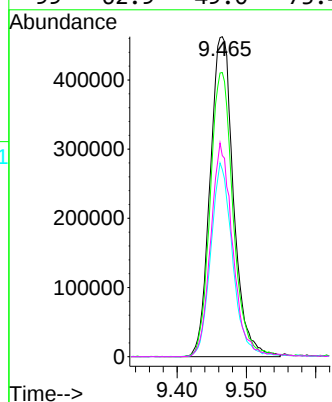
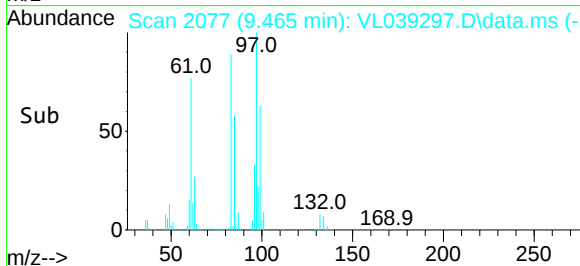
99 62.9 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#48

Dibromochloromethane

Concen: 5.246 ppbv

RT: 10.295 min Scan# 2335

Delta R.T. -0.013 min

Lab File: VL039297.D

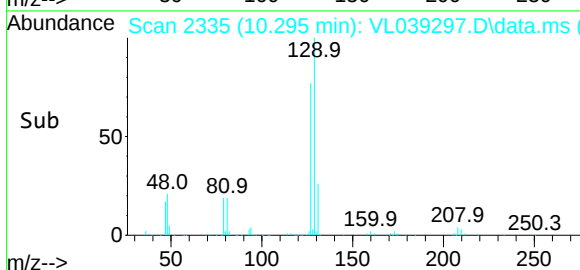
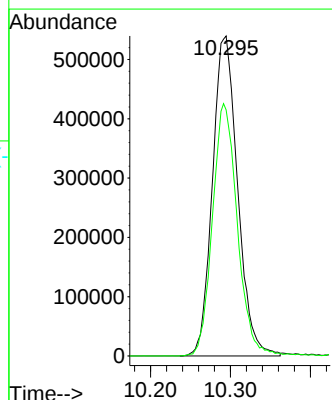
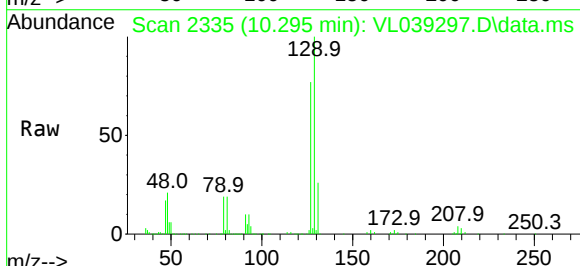
Acq: 15 Jun 2022 13:07

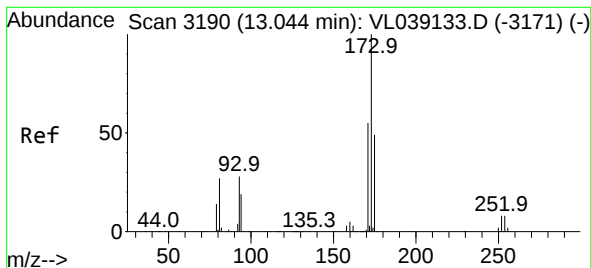
Tgt Ion:129 Resp: 1178300

Ion Ratio Lower Upper

129 100

127 78.3 40.0 119.9





#49

Bromoform

Concen: 8.358 ppbv

RT: 13.028 min Scan# 3190

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 156458

Ion Ratio Lower Upper

173 100

175 49.7 40.2 60.2

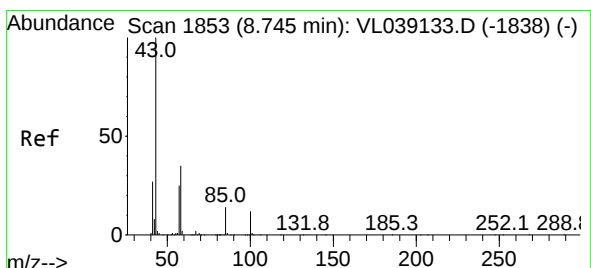
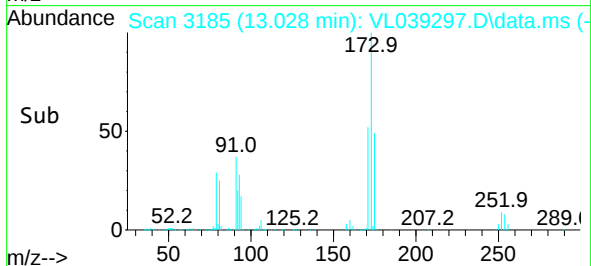
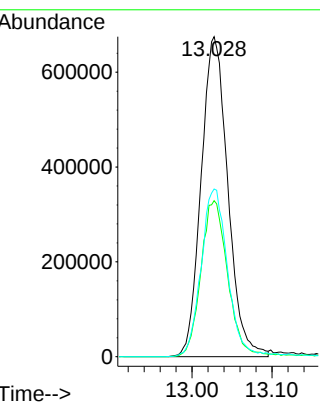
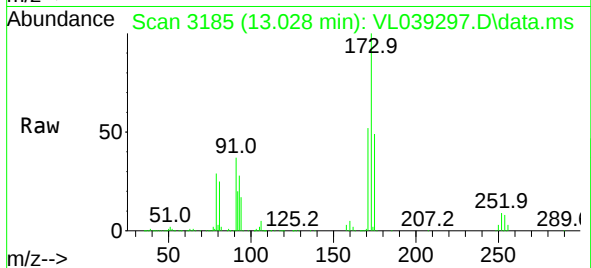
171 53.2 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#50

4-Methyl-2-Pentanone

Concen: 8.889 ppbv

RT: 8.726 min Scan# 1847

Delta R.T. -0.019 min

Lab File: VL039297.D

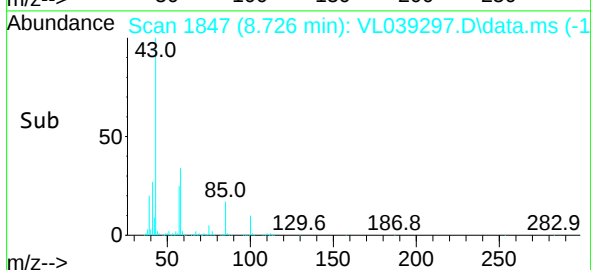
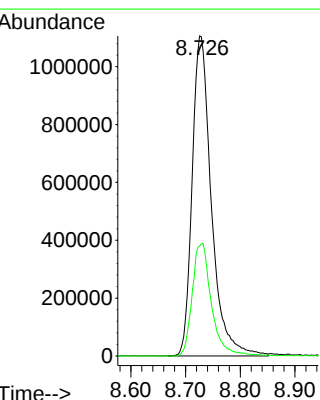
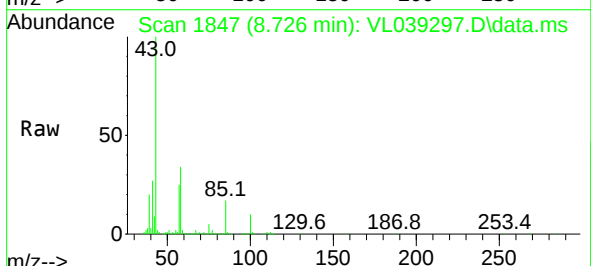
Acq: 15 Jun 2022 13:07

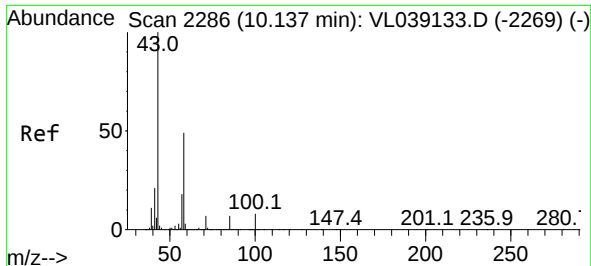
Tgt Ion: 43 Resp: 2699351

Ion Ratio Lower Upper

43 100

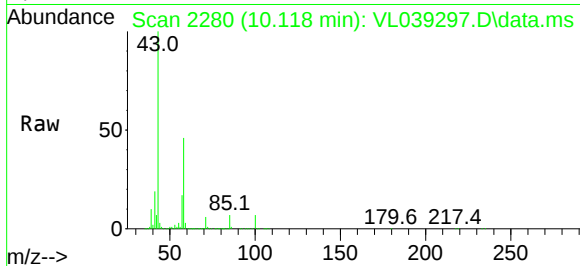
58 35.3 28.7 43.1





#51
2-Hexanone
Concen: 7.382 ppbv
RT: 10.118 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

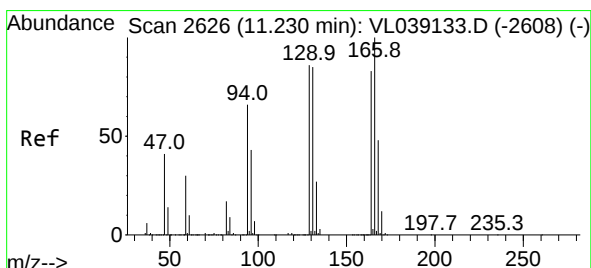
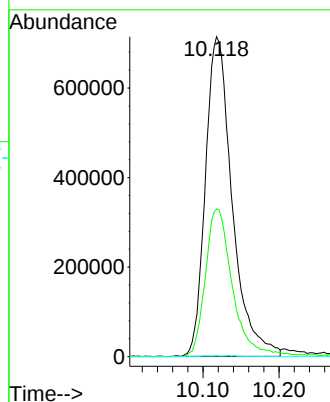
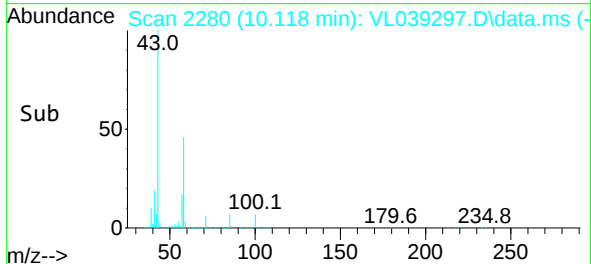
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



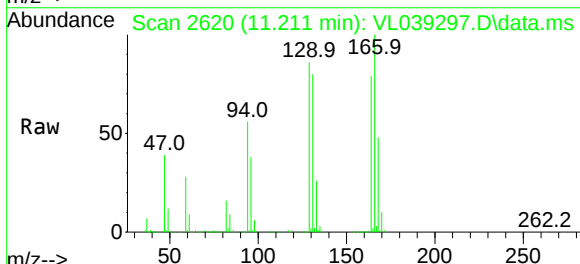
Tgt Ion: 43 Resp: 174421
Ion Ratio Lower Upper
43 100
58 47.9 40.0 60.0
98 0.3 0.1 0.1

Manual Integrations
APPROVED

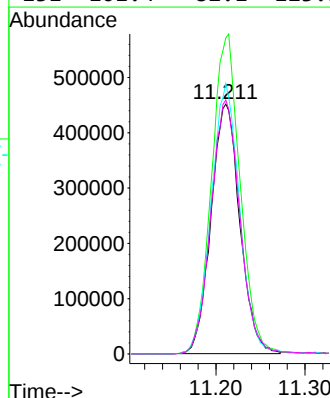
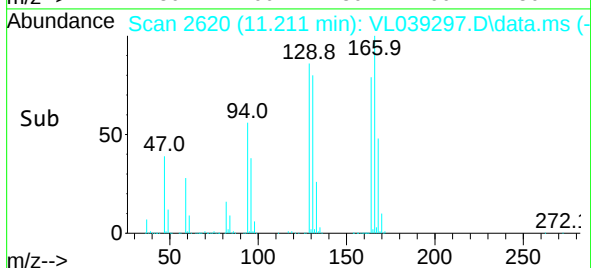
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

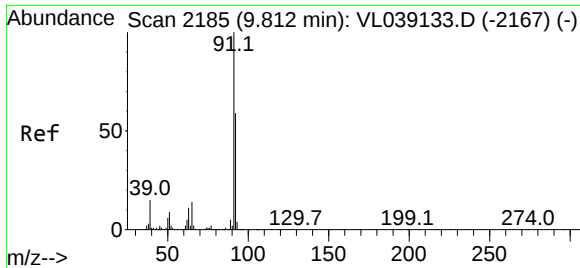


#52
Tetrachloroethene
Concen: 8.534 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



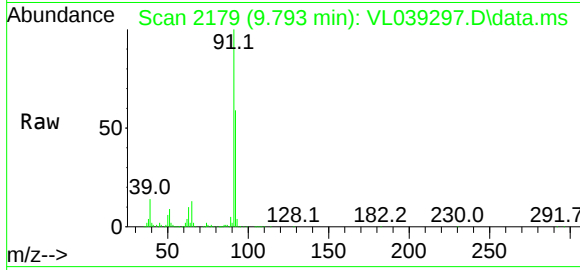
Tgt Ion:164 Resp: 1010114
Ion Ratio Lower Upper
164 100
166 126.4 96.3 144.5
129 108.1 82.5 123.7
131 101.4 82.1 123.1





#53
Toluene
Concen: 8.718 ppbv
RT: 9.793 min Scan# 2185
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

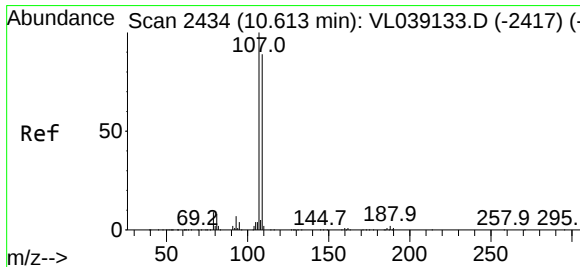
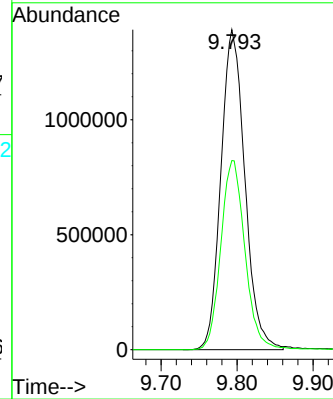
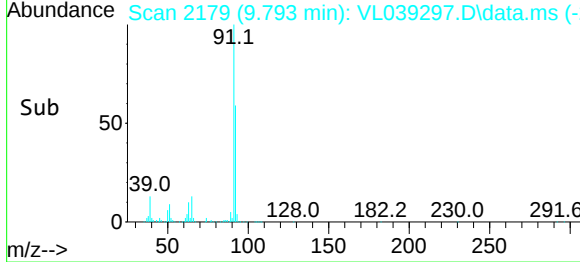
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



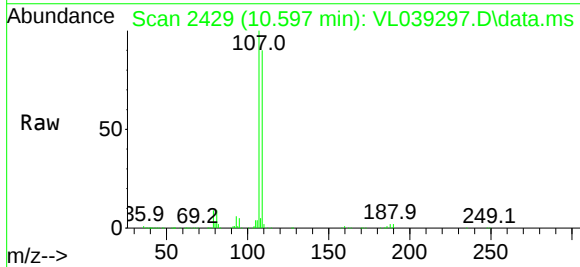
Tgt Ion: 91 Resp: 304321
Ion Ratio Lower Upper
91 100
92 60.1 48.1 72.1

Manual Integrations
APPROVED

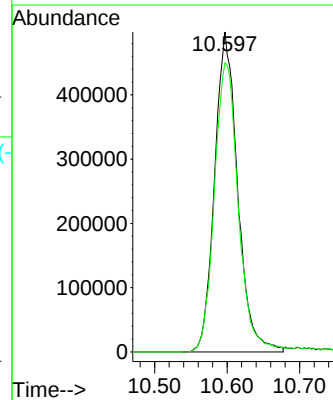
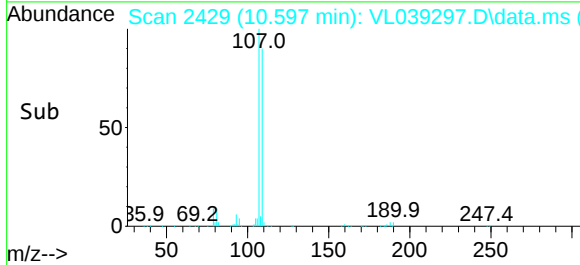
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

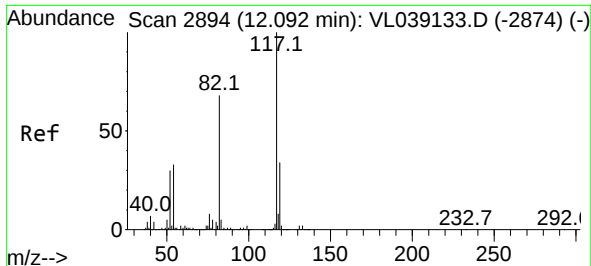


#54
1,2-Dibromoethane
Concen: 6.503 ppbv
RT: 10.597 min Scan# 2429
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



Tgt Ion:107 Resp: 1099310
Ion Ratio Lower Upper
107 100
109 90.3 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.073 min Scan# 2888

Delta R.T. -0.019 min

Lab File: VL039297.D

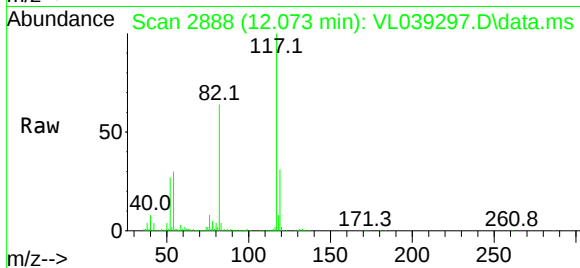
Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



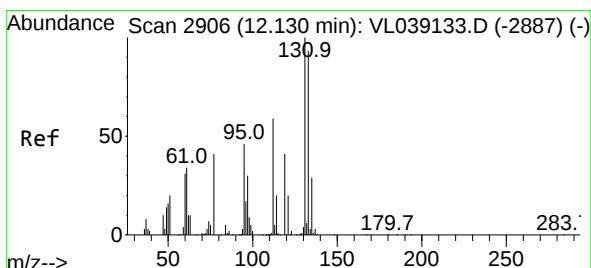
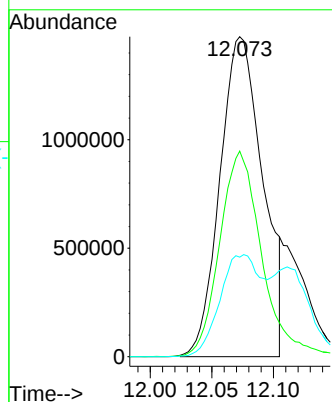
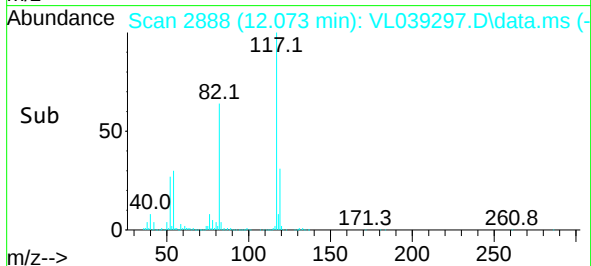
Tgt Ion:117 Resp: 356595

Ion	Ratio	Lower	Upper
117	100		
82	64.5	55.1	82.7
119	31.5	24.7	37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 8.502 ppbv m

RT: 12.114 min Scan# 2901

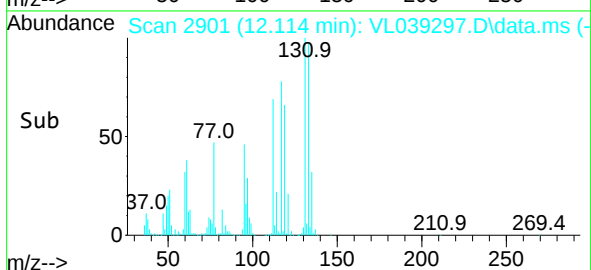
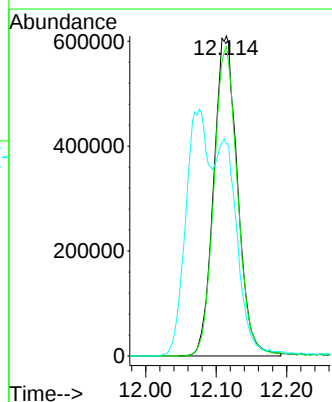
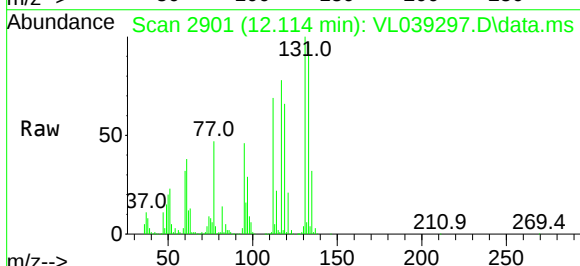
Delta R.T. -0.016 min

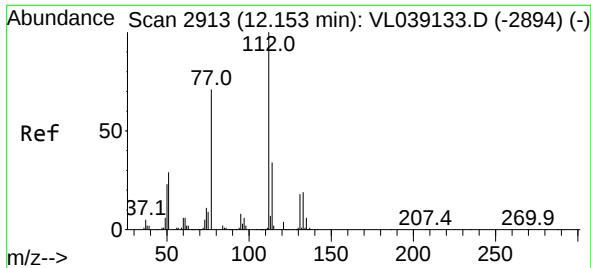
Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Tgt Ion:131 Resp: 1434504

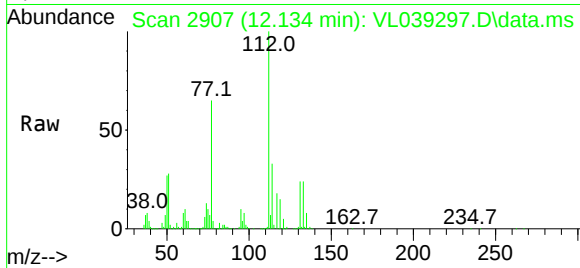
Ion	Ratio	Lower	Upper
131	100		
133	96.9	78.6	117.8
119	63.8	51.7	77.5





#57
Chlorobenzene
Concen: 8.760 ppbv
RT: 12.134 min Scan# 2913
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

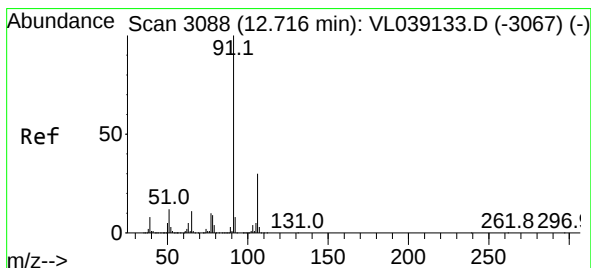
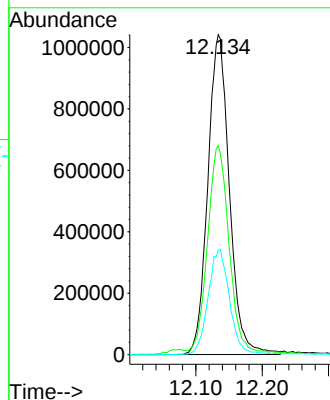
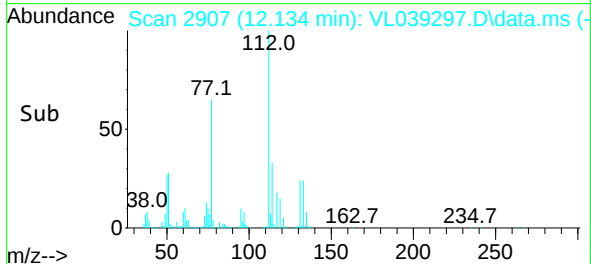
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



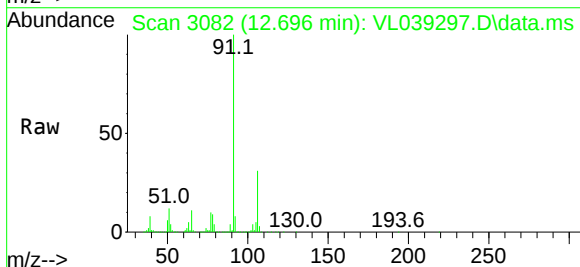
Tgt Ion:112 Resp: 2350470
Ion Ratio Lower Upper
112 100
77 64.7 56.5 84.7
114 32.6 30.3 37.1

Manual Integrations
APPROVED

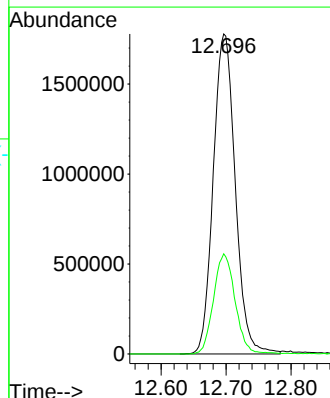
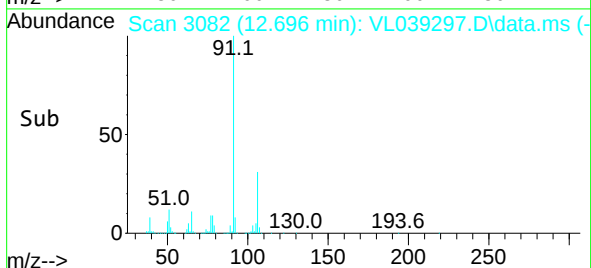
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

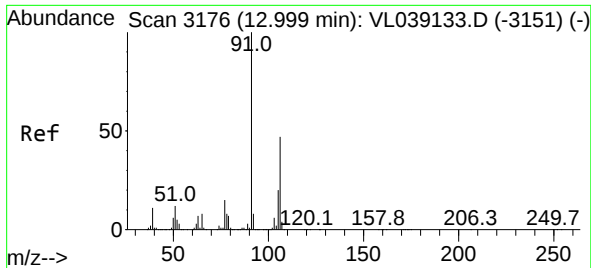


#58
Ethyl Benzene
Concen: 8.504 ppbv
RT: 12.696 min Scan# 3082
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



Tgt Ion: 91 Resp: 4177331
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4





#59

m/p-Xylene

Concen: 16.576 ppbv m

RT: 12.983 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 716984

Ion Ratio Lower Upper

91 100

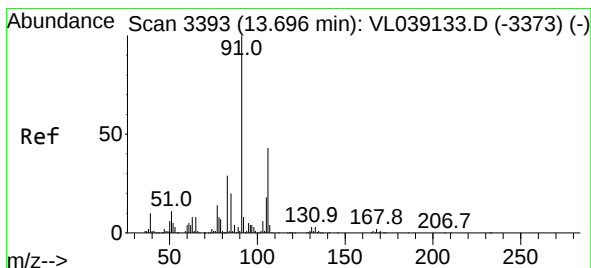
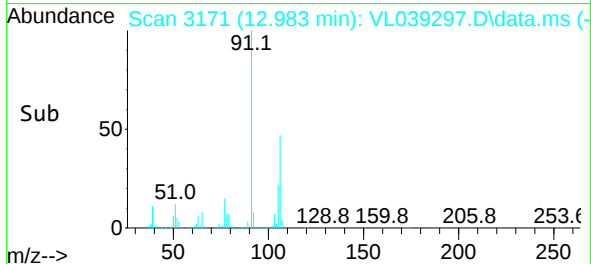
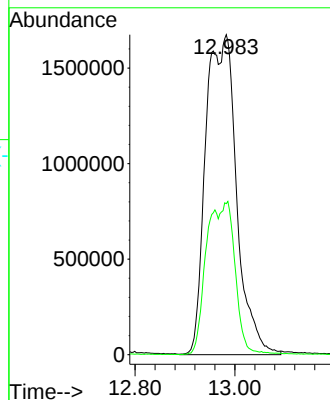
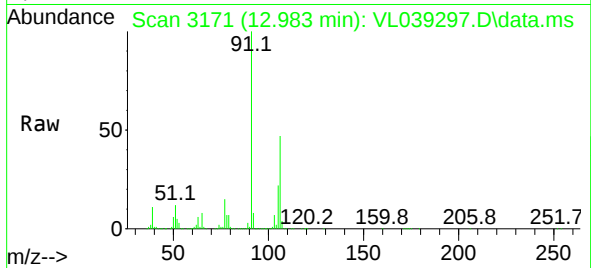
106 44.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#60

o-Xylene

Concen: 8.486 ppbv

RT: 13.677 min Scan# 3387

Delta R.T. -0.019 min

Lab File: VL039297.D

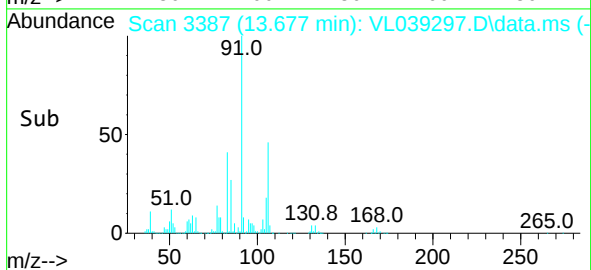
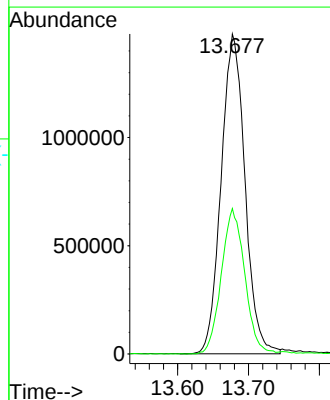
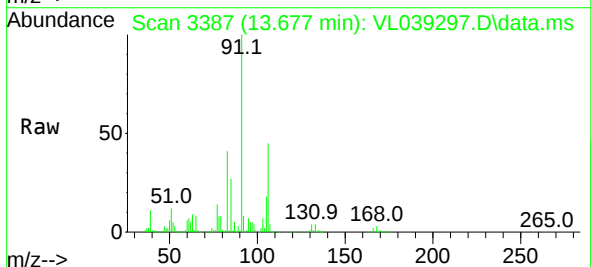
Acq: 15 Jun 2022 13:07

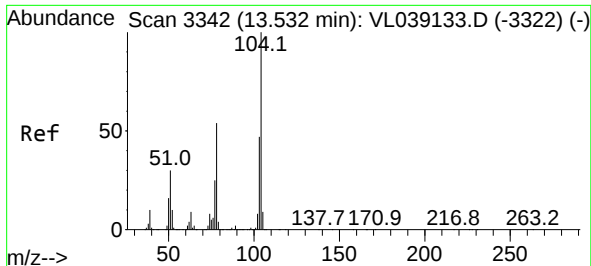
Tgt Ion: 91 Resp: 3449180

Ion Ratio Lower Upper

91 100

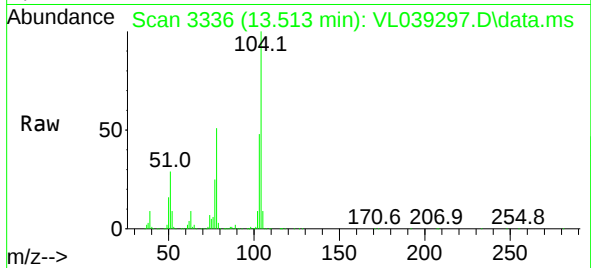
106 45.6 22.3 66.9





#61
Styrene
Concen: 9.258 ppbv
RT: 13.513 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

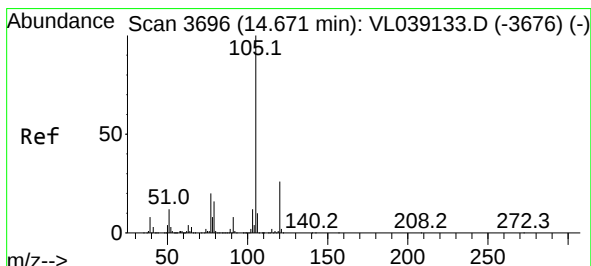
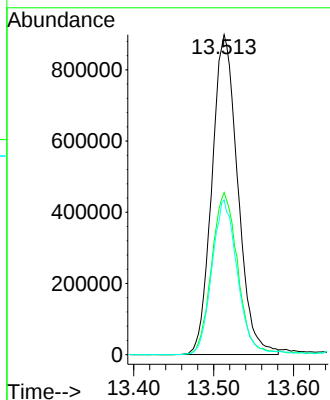
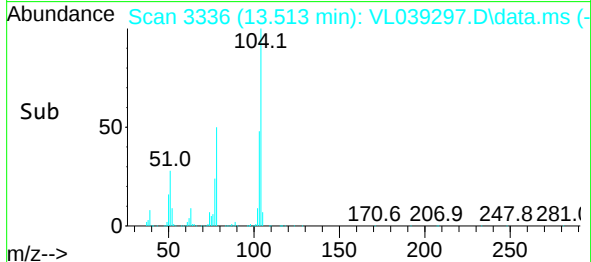
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



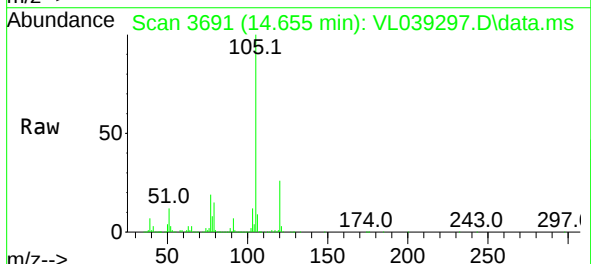
Tgt Ion:104 Resp: 201493
Ion Ratio Lower Upper
104 100
78 51.9 45.7 68.5
103 48.4 39.6 59.4

Manual Integrations
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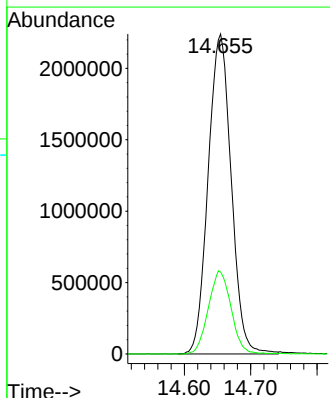
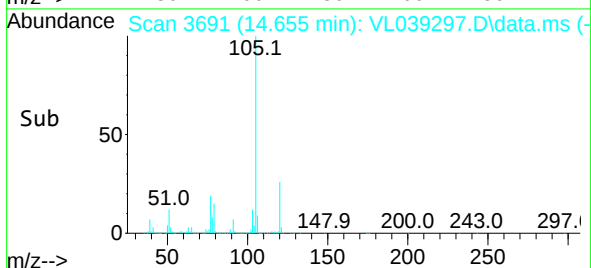
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

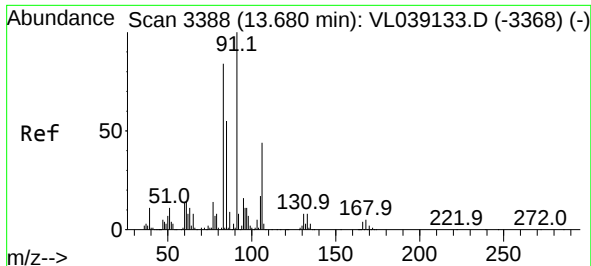


#62
Isopropylbenzene
Concen: 8.967 ppbv
RT: 14.655 min Scan# 3691
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



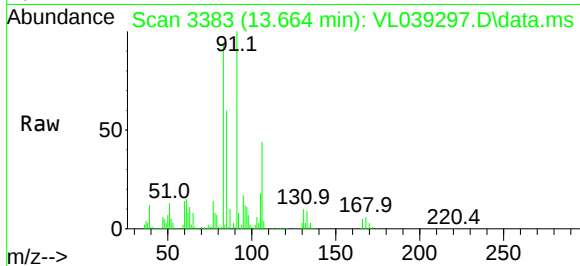
Tgt Ion:105 Resp: 5417055
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.607 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

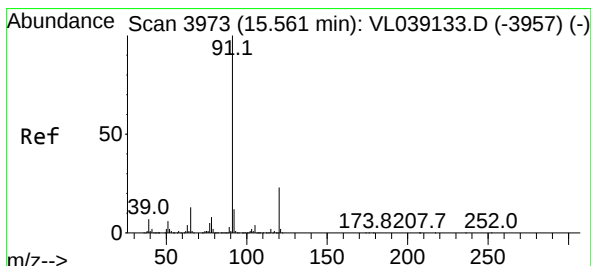
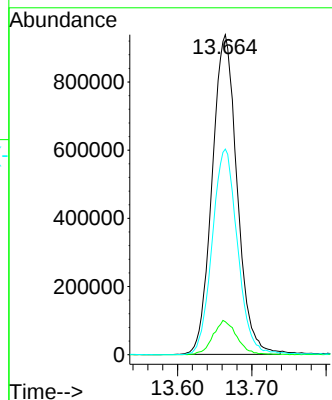
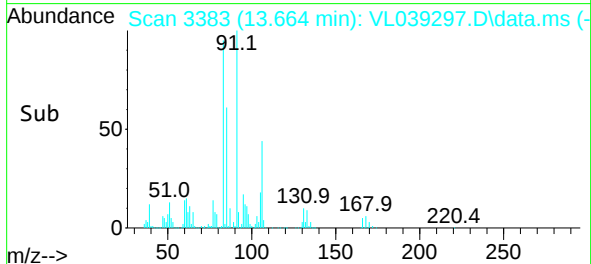
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



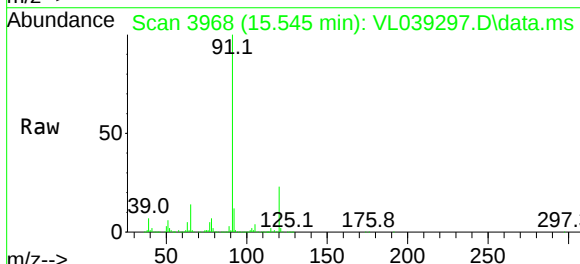
Tgt Ion: 83 Resp: 2191800
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 65.7 33.0 99.0

Manual Integrations
APPROVED

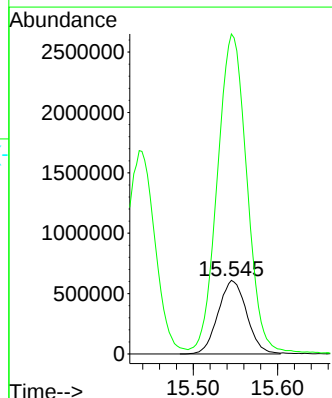
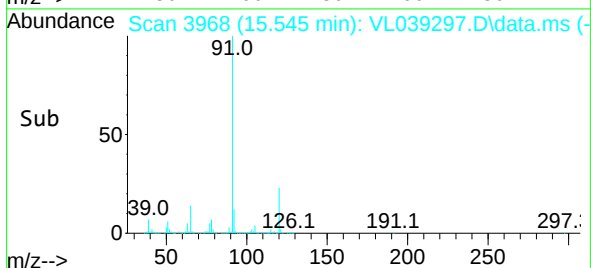
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022

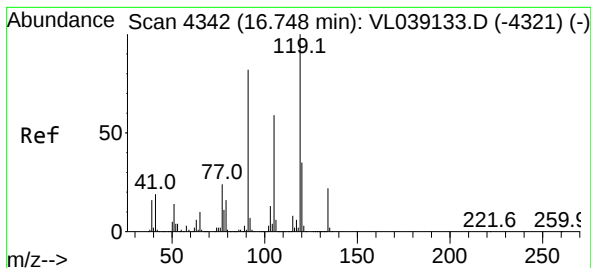


#64
n-propylbenzene
Concen: 9.622 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07



Tgt Ion:120 Resp: 1428941
Ion Ratio Lower Upper
120 100
91 453.6 388.4 582.6





#65

tert-Butylbenzene

Concen: 8.992 ppbv

RT: 16.728 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 496727

Ion Ratio Lower Upper

119 100

91 79.5 67.1 100.7

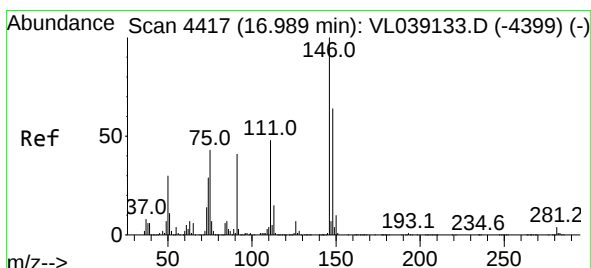
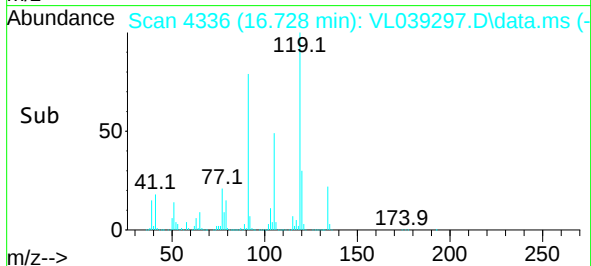
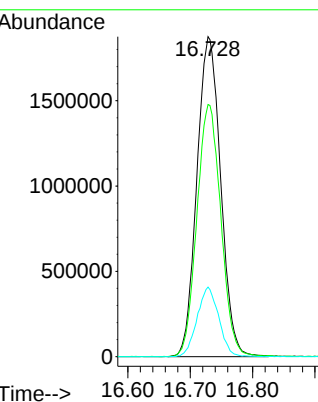
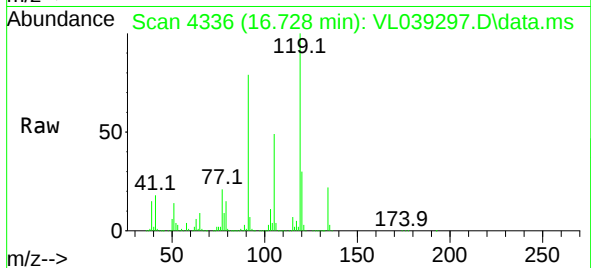
134 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#66

Benzyl Chloride

Concen: 4.408 ppbv

RT: 16.973 min Scan# 4412

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

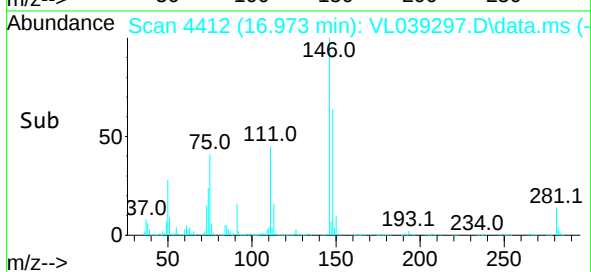
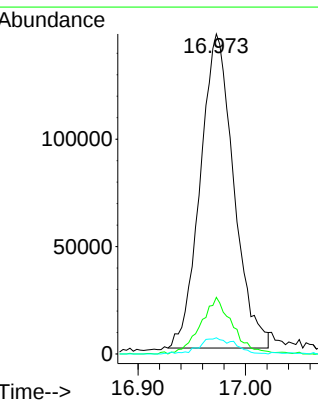
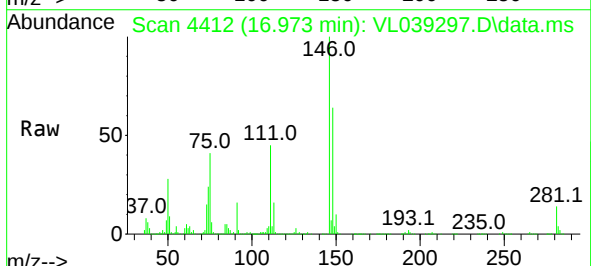
Tgt Ion: 91 Resp: 316609

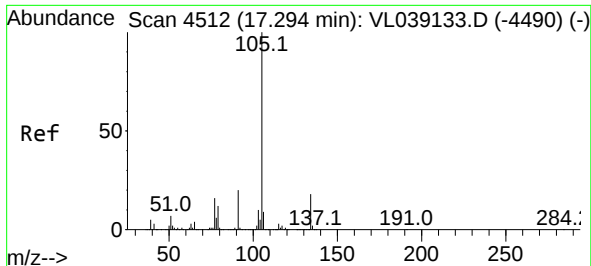
Ion Ratio Lower Upper

91 100

126 17.5 13.4 20.0

128 5.4 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.041 ppbv

RT: 17.278 min Scan# 4512

Delta R.T. -0.016 min

Lab File: VL039297.D

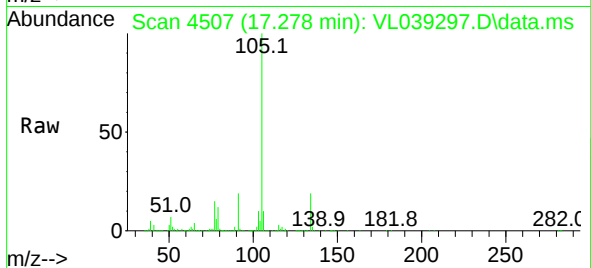
Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 681420

Ion Ratio Lower Upper

105 100

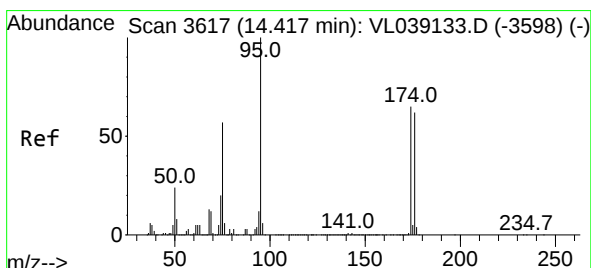
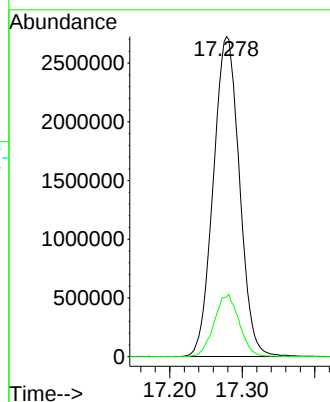
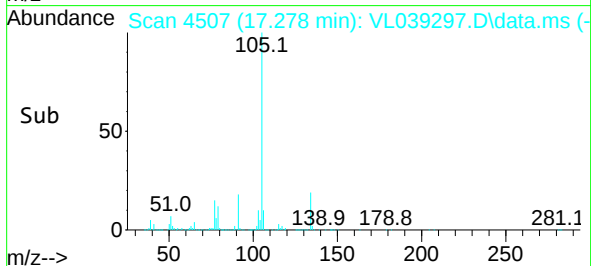
134 18.7 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.441 ppbv

RT: 14.401 min Scan# 3612

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

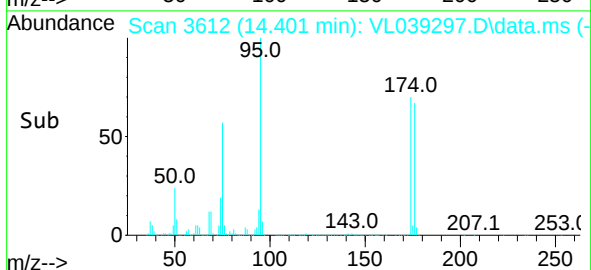
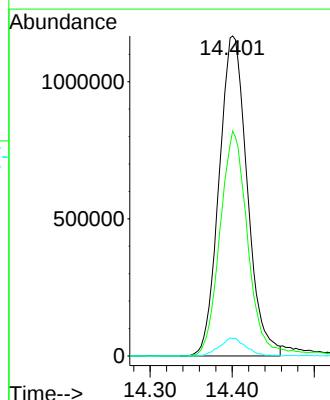
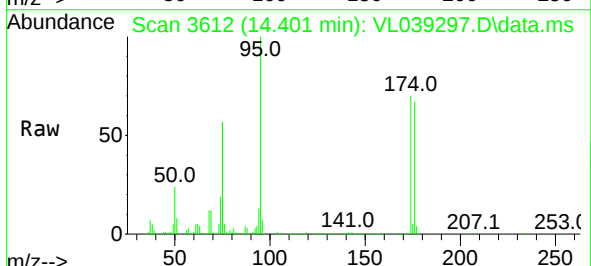
Tgt Ion: 95 Resp: 2783300

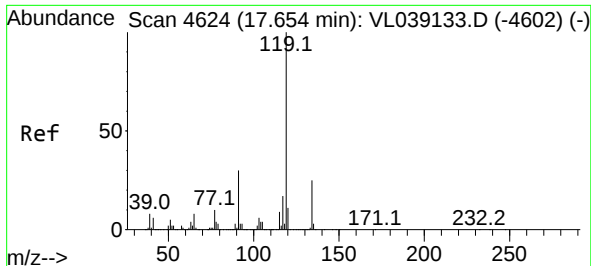
Ion Ratio Lower Upper

95 100

174 70.9 53.8 80.8

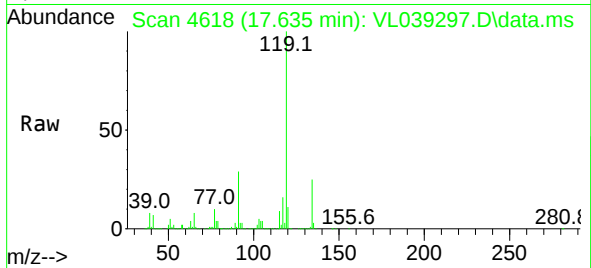
175 5.5 4.1 6.1





#69
 p-Isopropyltoluene
 Concen: 9.331 ppbv
 RT: 17.635 min Scan# 4618
 Delta R.T. -0.019 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

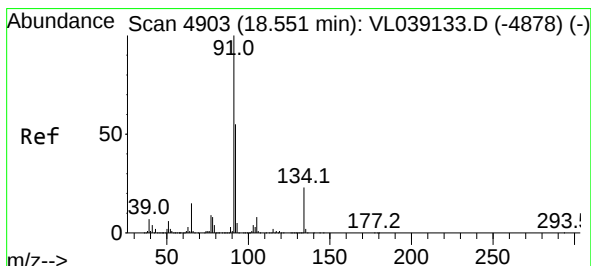
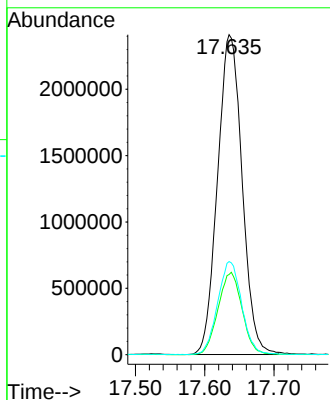
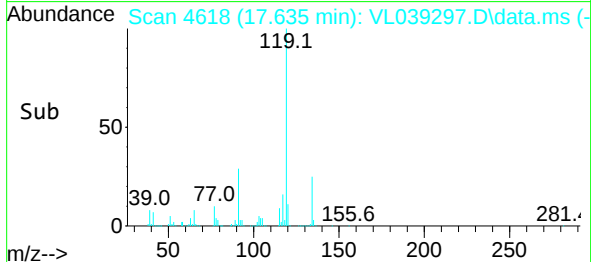
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



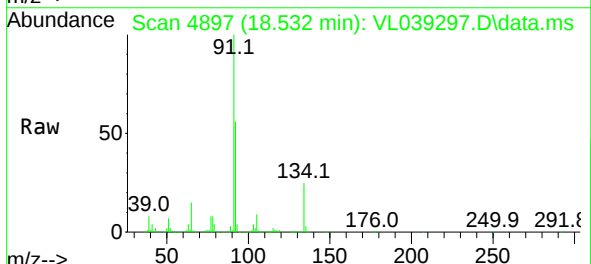
Tgt Ion: 119 Resp: 5933658
 Ion Ratio Lower Upper
 119 100
 134 25.3 20.4 30.6
 91 28.3 24.2 36.4

Manual Integrations
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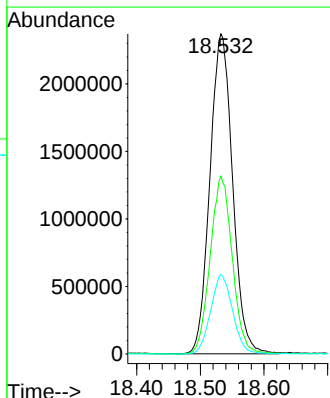
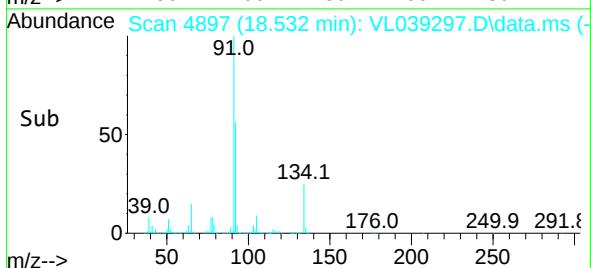
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

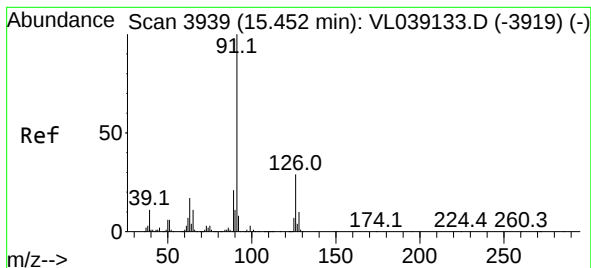


#70
 n-Butylbenzene
 Concen: 8.984 ppbv
 RT: 18.532 min Scan# 4897
 Delta R.T. -0.019 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07



Tgt Ion: 91 Resp: 5864101
 Ion Ratio Lower Upper
 91 100
 92 54.4 43.6 65.4
 134 24.1 17.7 26.5





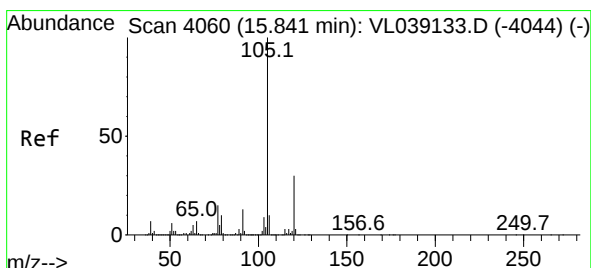
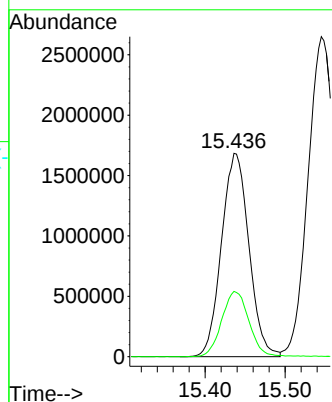
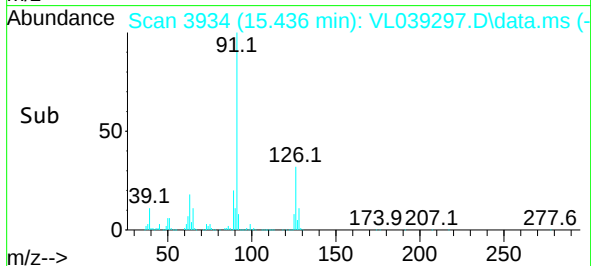
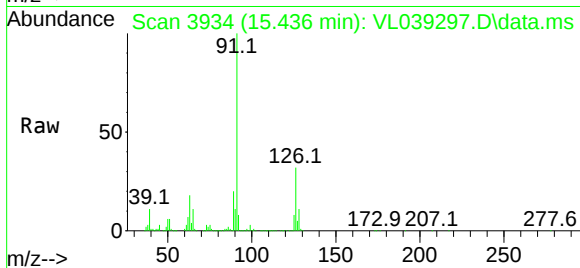
#71
2-Chlorotoluene
Concen: 8.704 ppbv
RT: 15.436 min Scan# 3939
Delta R.T. -0.016 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 4009840
Ion Ratio Lower Upper
91 100
126 32.3 12.2 48.6

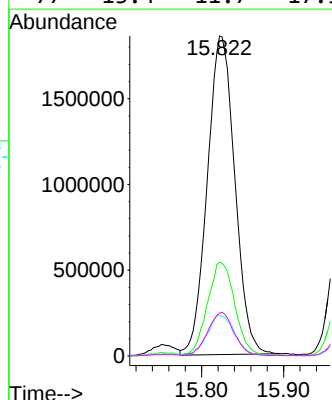
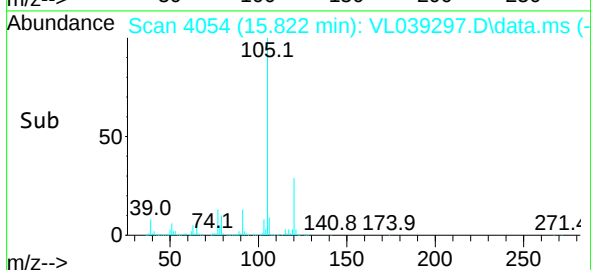
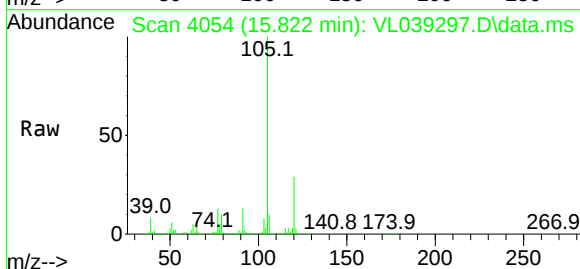
Manual Integrations
APPROVED

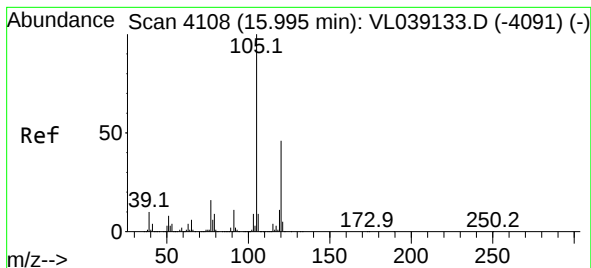
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/16/2022



#72
4-Ethyltoluene
Concen: 9.103 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. -0.019 min
Lab File: VL039297.D
Acq: 15 Jun 2022 13:07

Tgt Ion:105 Resp: 4336115
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 12.6 10.6 16.0
77 13.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.073 ppbv

RT: 15.982 min Scan# 4104

Delta R.T. -0.013 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 389811

Ion Ratio Lower Upper

105 100

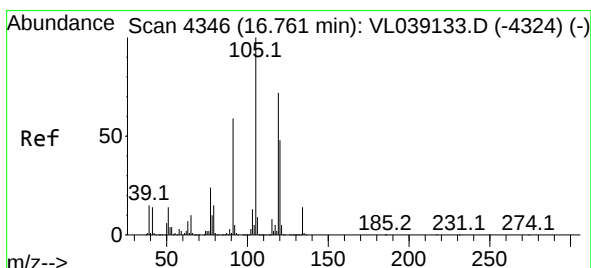
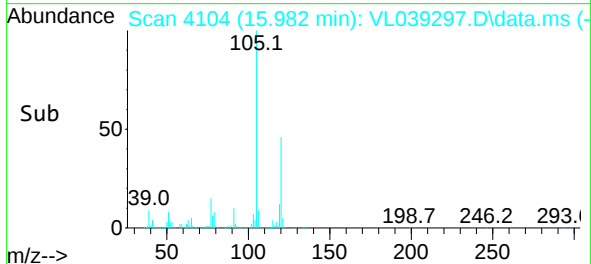
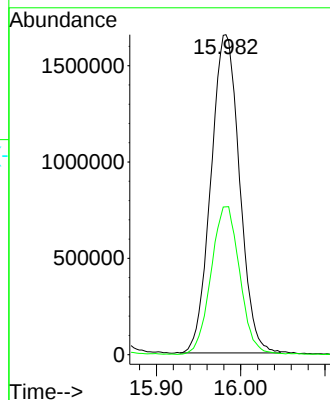
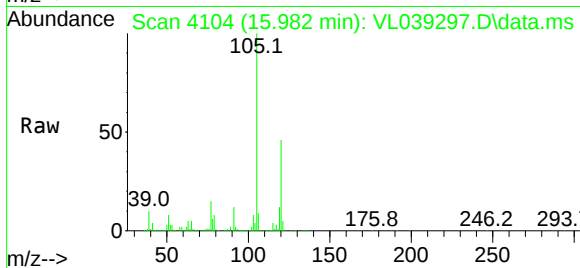
120 46.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.866 ppbv

RT: 16.745 min Scan# 4341

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Tgt Ion:105 Resp: 4251035

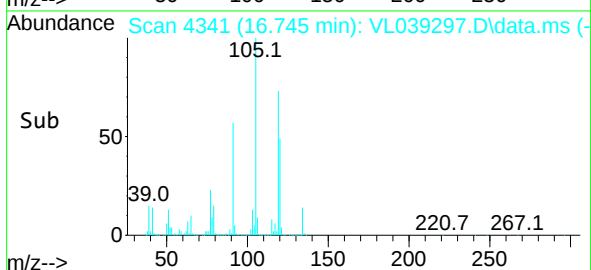
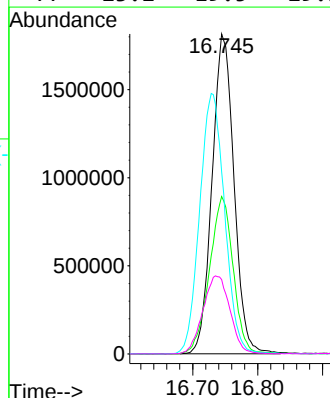
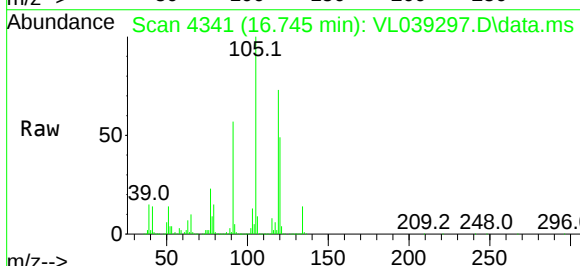
Ion Ratio Lower Upper

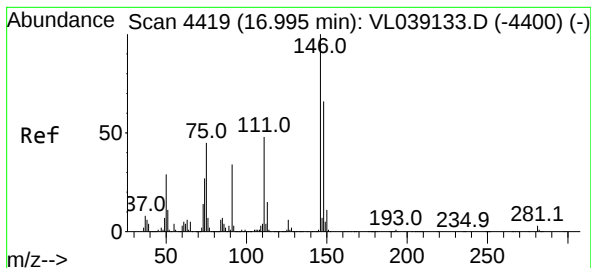
105 100

120 49.1 38.1 57.1

91 56.8 47.4 71.0

77 23.2 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.301 ppbv

RT: 16.979 min Scan# 4419

Delta R.T. -0.016 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 252416

Ion Ratio Lower Upper

146 100

111 46.0 23.8 71.4

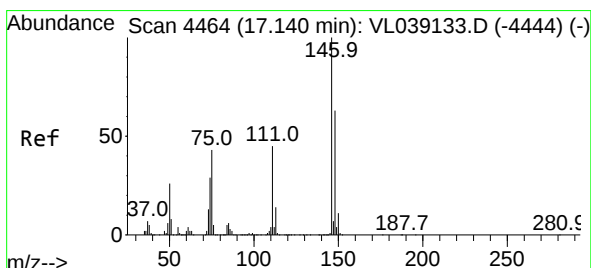
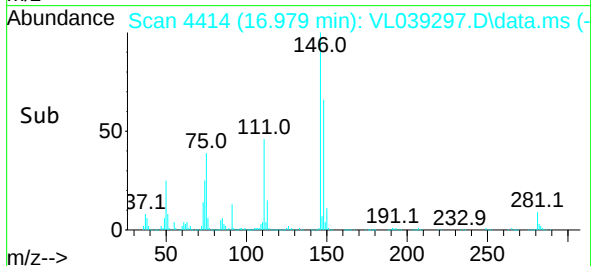
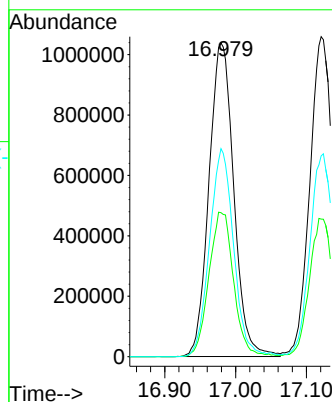
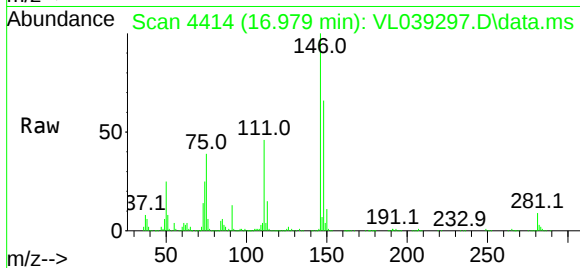
148 64.4 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#76

1,4-Dichlorobenzene

Concen: 8.999 ppbv

RT: 17.121 min Scan# 4458

Delta R.T. -0.019 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

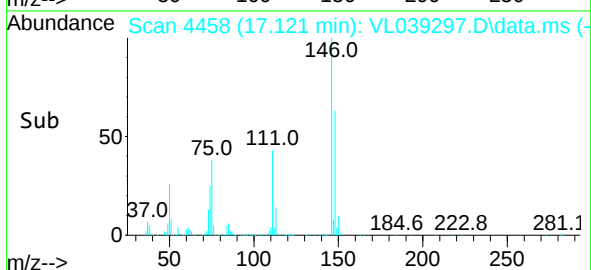
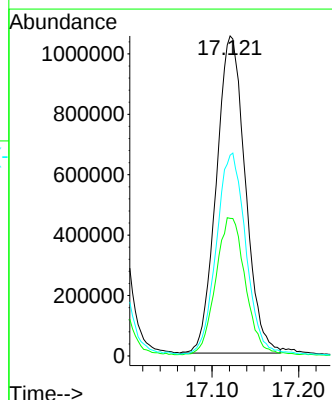
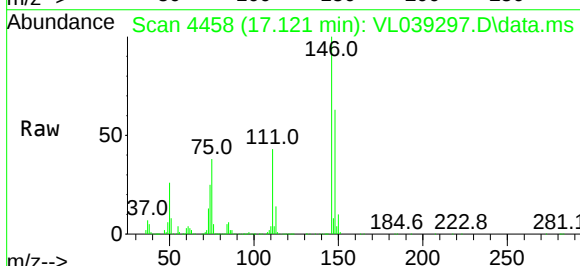
Tgt Ion:146 Resp: 2436722

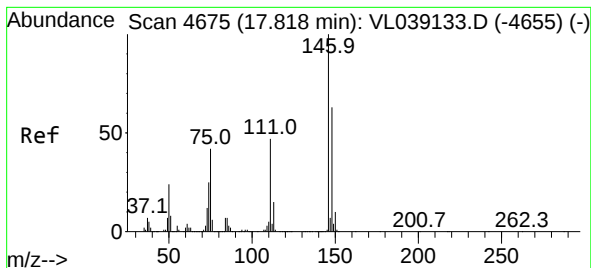
Ion Ratio Lower Upper

146 100

111 45.5 23.6 71.0

148 66.5 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.079 ppbv

RT: 17.799 min Scan# 4669

Delta R.T. -0.019 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 248322

Ion Ratio Lower Upper

146 100

111 47.6 24.4 73.4

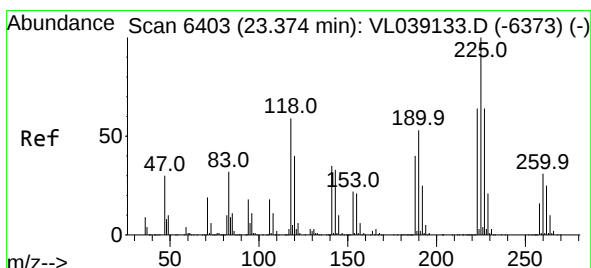
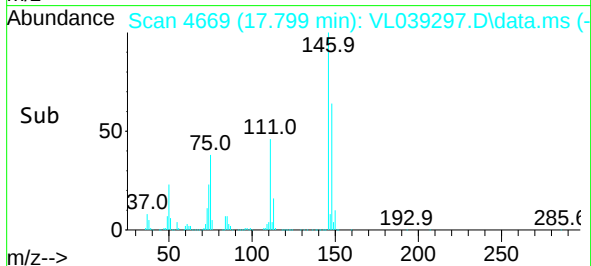
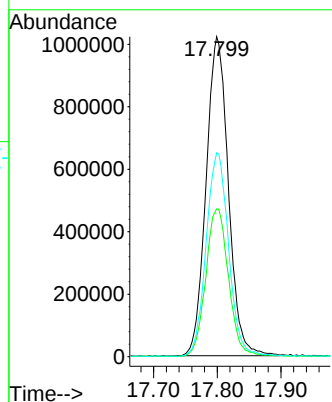
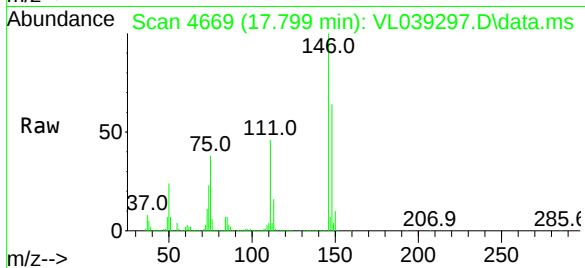
148 64.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.991 ppbv

RT: 23.355 min Scan# 6397

Delta R.T. -0.019 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

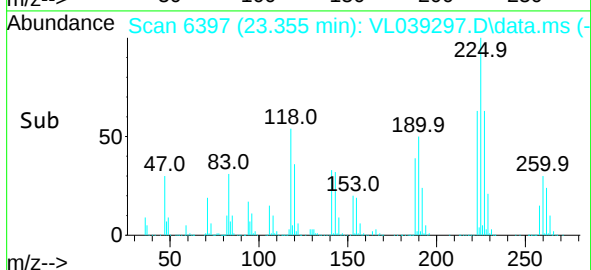
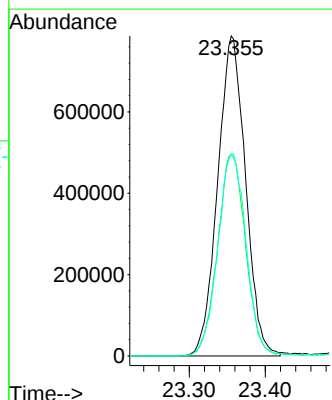
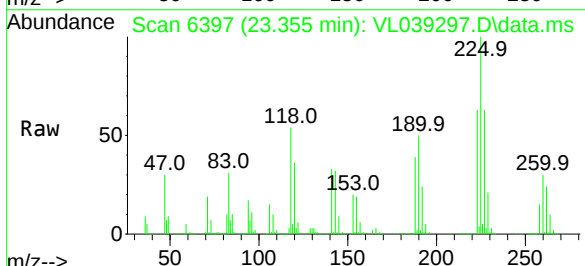
Tgt Ion:225 Resp: 1998630

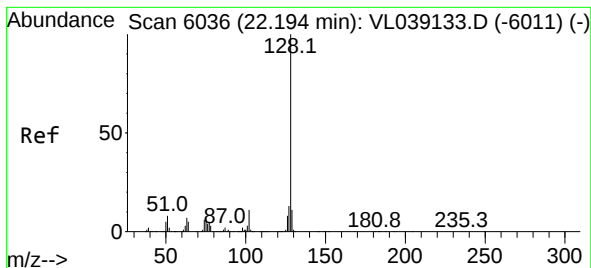
Ion Ratio Lower Upper

225 100

223 63.9 51.4 77.0

227 64.7 50.6 75.8





#79

Naphthalene

Concen: 9.944 ppbv

RT: 22.172 min Scan# 6036

Delta R.T. -0.022 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 367022

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

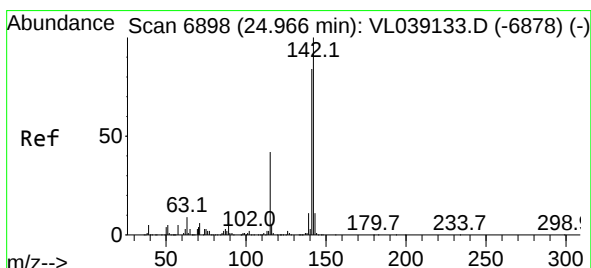
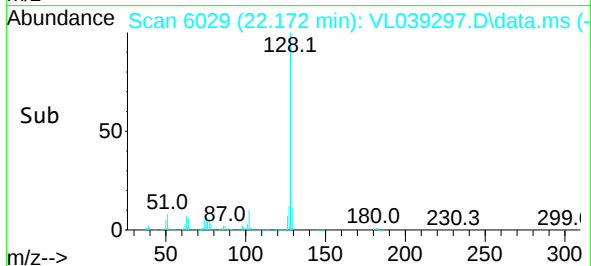
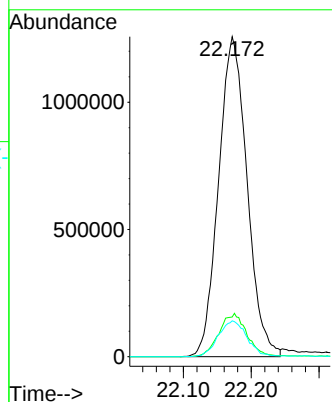
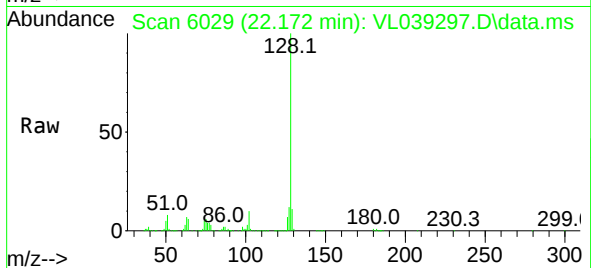
129 11.2 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/16/2022



#80

Naphthalene,2-methyl-

Concen: 6.718 ppbv

RT: 24.953 min Scan# 6894

Delta R.T. -0.013 min

Lab File: VL039297.D

Acq: 15 Jun 2022 13:07

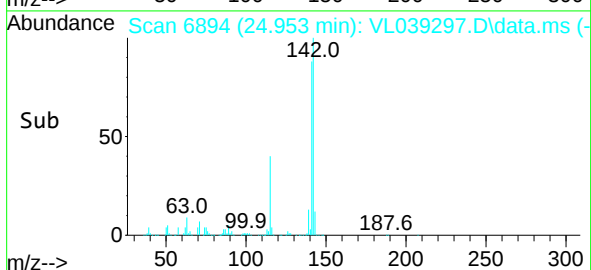
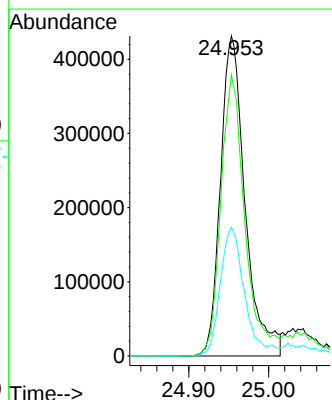
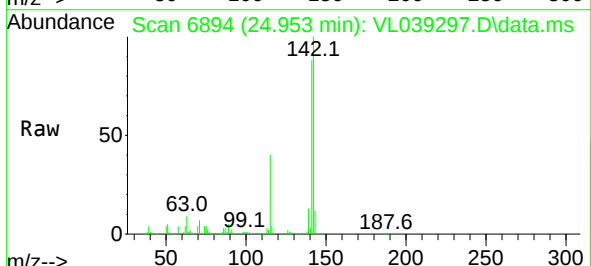
Tgt Ion:142 Resp: 921244

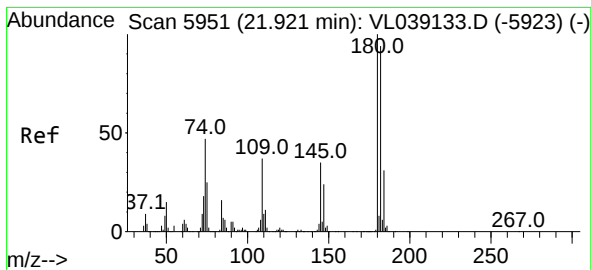
Ion Ratio Lower Upper

142 100

141 86.0 64.6 96.8

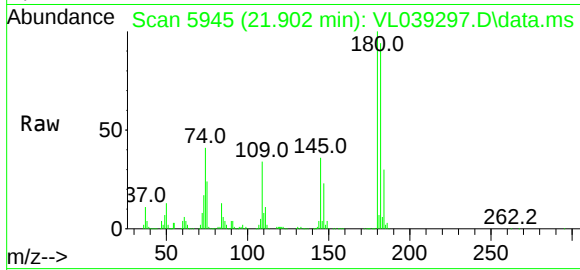
115 40.0 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 8.970 ppbv m
 RT: 21.902 min Scan# 5945
 Delta R.T. -0.019 min
 Lab File: VL039297.D
 Acq: 15 Jun 2022 13:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 2097570
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 0.0 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/16/2022

