

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039336.D
 Acq On : 24 Jun 2022 10:11
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:48:40 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 6

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	5.661	49	1303722	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.166	114	3592647	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.076	117	3473655m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2556999 8.904 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 89.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	1732763	7.567	ppbv	99
3) Chlorodifluoromethane	2.986	51	1514873	9.132	ppbv	98
4) Chloromethane	3.141	50	827640	9.713	ppbv	100
5) Vinyl Chloride	3.253	62	809636	10.164	ppbv	96
6) Bromomethane	3.472	94	351819	8.979	ppbv	90
7) Chloroethane	3.559	64	308038	11.098	ppbv	94
8) Dichlorotetrafluoroethane	3.186	85	1990209	9.510	ppbv	97
9) Propene	3.009	41	688417	9.518	ppbv	98
10) Heptane	8.115	43	1706007	10.111	ppbv	99
11) Trichlorofluoromethane	3.948	101	1913340	9.231	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.481	101	1429621	10.429	ppbv	99
13) Ethanol	3.597	45	41483m	10.516	ppbv	
14) Bromoethene	3.735	108	629485	10.215	ppbv	97
15) Acetone	3.841	43	1429005	10.522	ppbv	98
16) 1,3-Butadiene	3.324	39	775371	10.621	ppbv	97
17) tert-Butyl alcohol	4.279	59	1356965	12.882	ppbv	99
18) 1,1-Dichloroethene	4.285	96	655813	10.665	ppbv	85
19) Isopropyl Alcohol	3.954	45	758197	11.903	ppbv #	96
20) Methylene Chloride	4.340	84	542104	9.472	ppbv	93
21) Allyl Chloride	4.404	41	1065139	11.627	ppbv	98
22) trans-1,2-Dichloroethene	4.880	96	673251	11.379	ppbv	94
23) Vinyl Acetate	5.067	43	1076094	9.577	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1366027	8.873	ppbv	99
25) Ethyl Acetate	5.668	43	3069632	10.029	ppbv	99
26) Hexane	5.681	57	1321944	9.828	ppbv	99
27) Carbon Disulfide	4.546	76	1610909	11.555	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	1265631	8.523	ppbv	99
29) Chloroform	5.745	83	2049413	9.054	ppbv	100
30) Cyclohexane	7.128	84	1134527	10.040	ppbv	97
31) cis-1,2-Dichloroethene	5.542	61	1321861	9.638	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	2085318	9.415	ppbv	100
34) 2-Butanone	5.237	43	1811332	9.280	ppbv	100
35) Carbon Tetrachloride	7.012	117	2165940	8.260	ppbv	97
36) Benzene	6.886	78	2714944	9.308	ppbv	99
37) 1,2-Dichloroethane	6.301	62	1572854	8.194	ppbv	98
38) Trichloroethene	7.828	130	1368846	10.218	ppbv	97
39) 1,2-Dichloropropane	7.607	63	1012143	8.724	ppbv	98
40) 1,4-Dioxane	7.822	88	373855	9.788	ppbv	89
41) Tetrahydrofuran	6.041	42	1080872	9.208	ppbv	100
42) Bromodichloromethane	7.783	83	2251585	8.452	ppbv	100
43) Methyl Methacrylate	8.009	69	1091698	9.609	ppbv	98
44) 2,2,4-Trimethylpentane	7.864	57	4584585	8.985	ppbv	99
45) t-1,3-Dichloropropene	9.269	75	1066452	9.013	ppbv	94

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Quant Time: Jun 27 01:48:40 2022

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

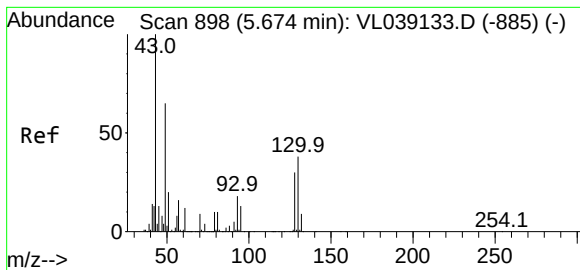
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

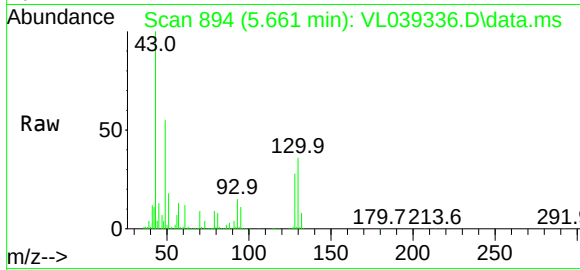
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1403704	8.980	ppbv	97
47) 1,1,2-Trichloroethane	9.468	97	1132497	9.357	ppbv	98
48) Dibromochloromethane	10.298	129	1950631	9.026	ppbv	100
49) Bromoform	13.031	173	1603943	8.906	ppbv	99
50) 4-Methyl-2-Pentanone	8.729	43	2791394	9.554	ppbv	100
51) 2-Hexanone	10.121	43	2107866	9.272	ppbv #	99
52) Tetrachloroethene	11.214	164	1045478	9.181	ppbv	99
53) Toluene	9.796	91	3252084	9.683	ppbv	99
54) 1,2-Dibromoethane	10.603	107	1493365	9.182	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.118	131	1419535	8.636	ppbv	99
57) Chlorobenzene	12.137	112	2398786	9.178	ppbv	95
58) Ethyl Benzene	12.703	91	4334961	9.060	ppbv	99
59) m/p-Xylene	12.986	91	7337936m	17.415	ppbv	
60) o-Xylene	13.684	91	3518003	8.885	ppbv	98
61) Styrene	13.516	104	2093949	9.876	ppbv	96
62) Isopropylbenzene	14.658	105	5202832	8.841	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.664	83	1768248	7.957	ppbv	99
64) n-propylbenzene	15.548	120	1358028	9.388	ppbv	93
65) tert-Butylbenzene	16.735	119	4764800	8.855	ppbv	96
66) Benzyl Chloride	16.979	91	515571	7.369	ppbv	98
67) sec-Butylbenzene	17.281	105	6494780	8.846	ppbv	99
69) p-Isopropyltoluene	17.638	119	5628739	9.087	ppbv	98
70) n-Butylbenzene	18.535	91	5552538	8.733	ppbv	99
71) 2-Chlorotoluene	15.442	91	3831730	8.539	ppbv	97
72) 4-Ethyltoluene	15.828	105	4195736	9.042	ppbv	99
73) 1,3,5-Trimethylbenzene	15.986	105	3866206	9.237	ppbv	100
74) 1,2,4-Trimethylbenzene	16.751	105	4160732	8.908	ppbv	95
75) 1,3-Dichlorobenzene	16.982	146	2460628	9.308	ppbv	98
76) 1,4-Dichlorobenzene	17.124	146	2387271	9.051	ppbv	97
77) 1,2-Dichlorobenzene	17.806	146	2375621	8.916	ppbv	99
78) Hexachloro-1,3-Butadiene	23.362	225	1788660	7.341	ppbv	99
79) Naphthalene	22.178	128	3538251	9.841	ppbv	98
80) Naphthalene,2-methyl-	24.956	142	1192755	8.929	ppbv	97
81) 1,2,4-Trichlorobenzene	21.915	180	2053674m	9.016	ppbv	

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 89
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

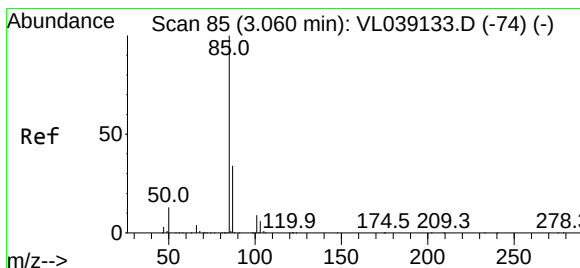
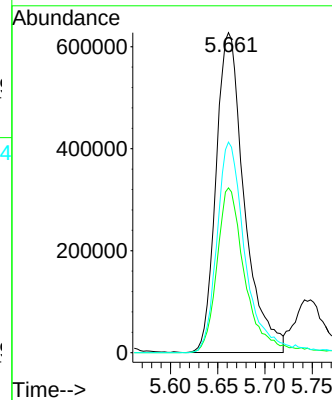
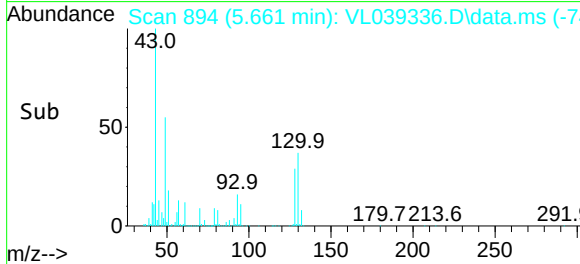
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 49 Resp: 130372
 Ion Ratio Lower Upper
 49 100
 128 52.2 24.7 74.1
 130 67.8 31.4 94.0

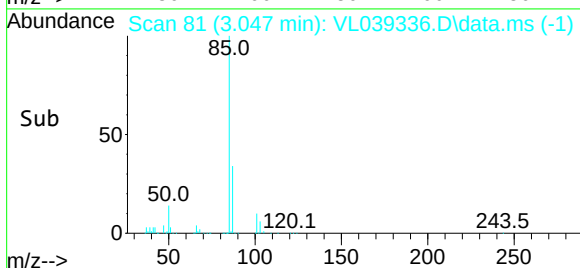
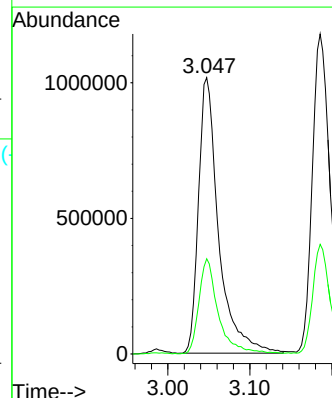
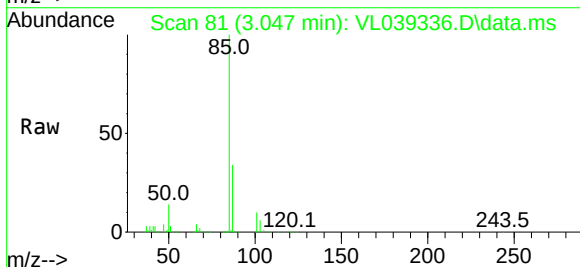
Manual Integrations
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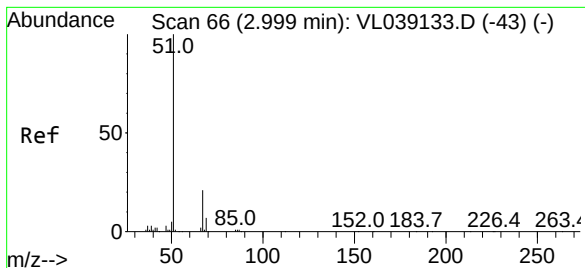
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#2
 Dichlorodifluoromethane
 Concen: 7.567 ppbv
 RT: 3.047 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

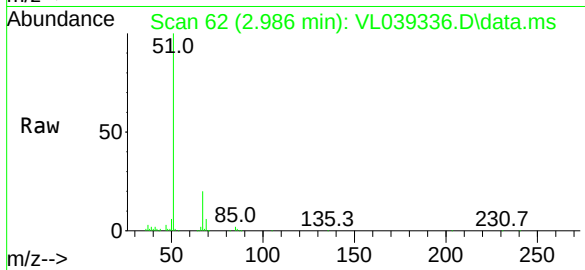
Tgt Ion: 85 Resp: 1732763
 Ion Ratio Lower Upper
 85 100
 87 34.3 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.132 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

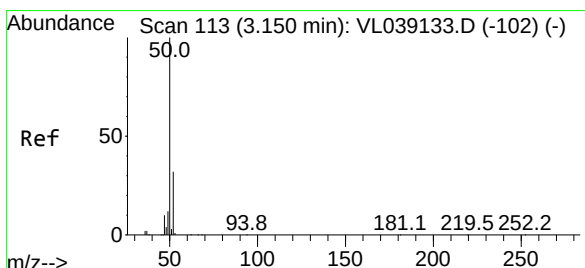
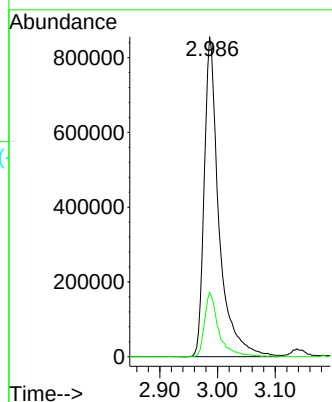
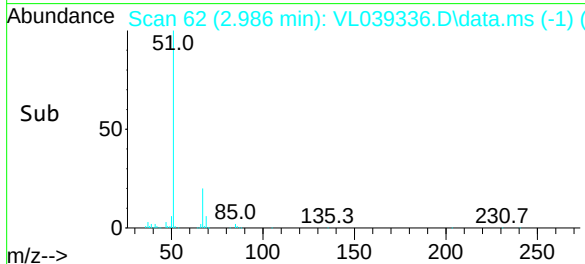
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 151487
Ion Ratio Lower Upper
51 100
67 19.4 16.2 24.4

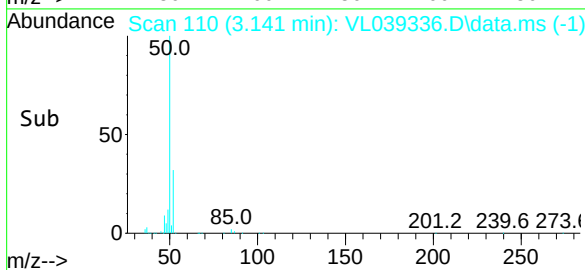
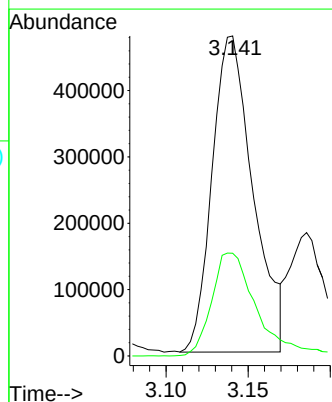
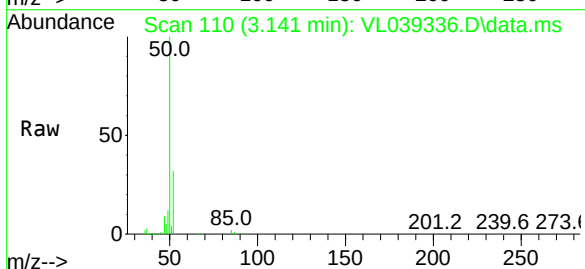
Manual Integrations
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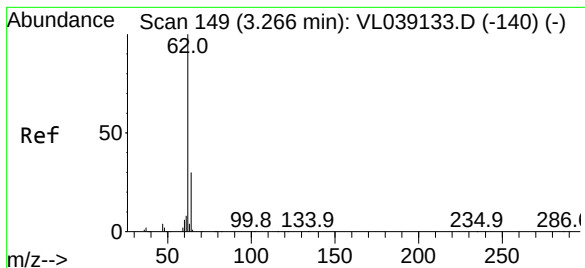
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 9.713 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion: 50 Resp: 827640
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9





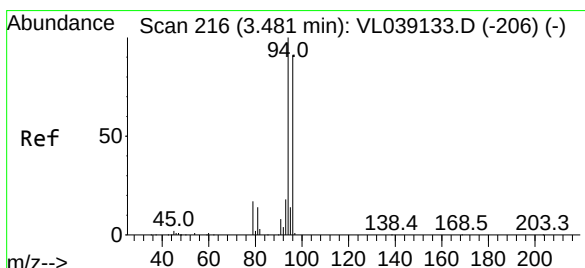
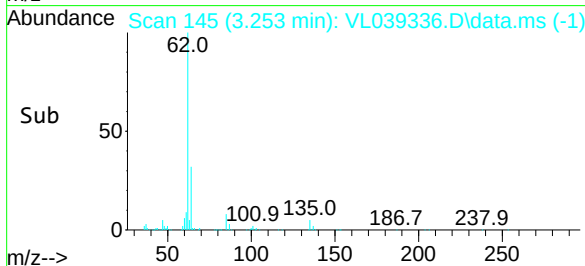
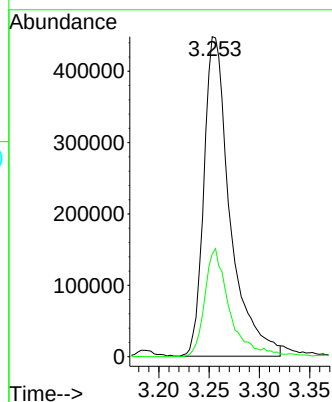
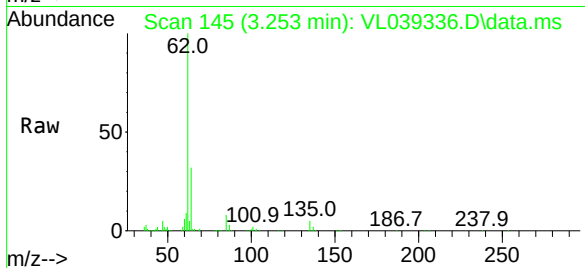
#5
 Vinyl Chloride
 Concen: 10.164 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 809630
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.2 36.2

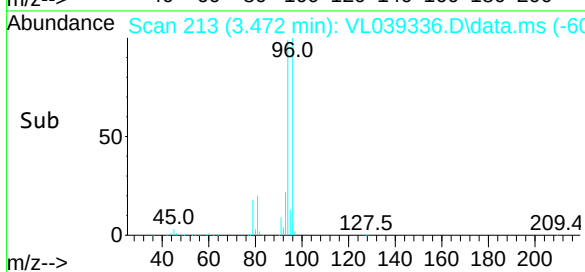
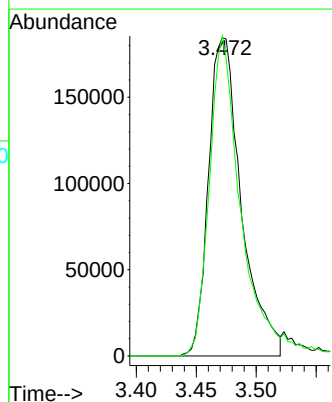
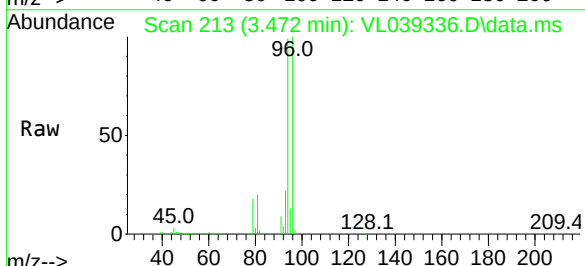
Manual Integrations
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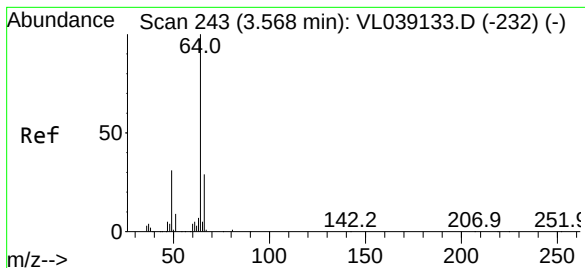
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#6
 Bromomethane
 Concen: 8.979 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.010 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

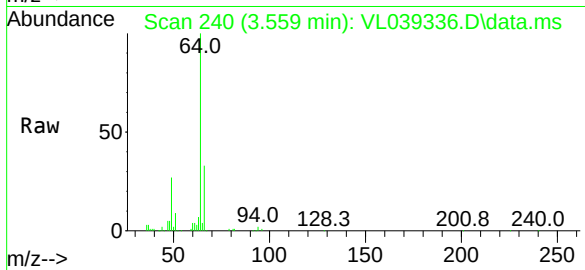
Tgt Ion: 94 Resp: 351819
 Ion Ratio Lower Upper
 94 100
 96 100.5 73.0 109.4





#7
Chloroethane
Concen: 11.098 ppbv
RT: 3.559 min Scan# 243
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

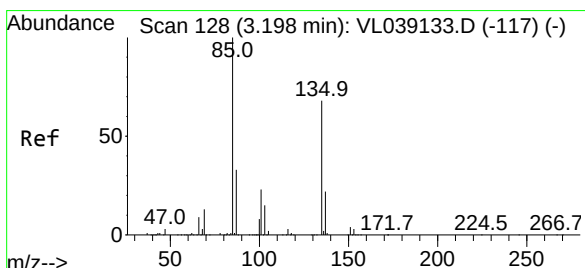
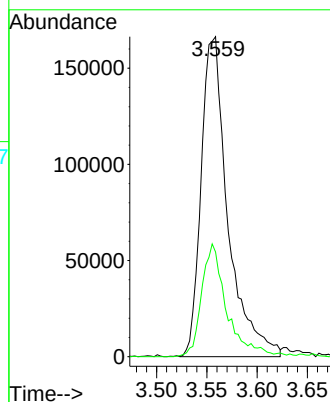
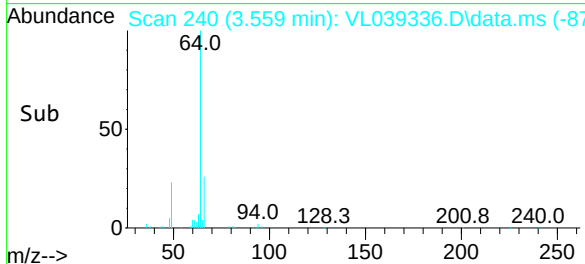
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 308038
Ion Ratio Lower Upper
64 100
66 32.7 23.6 35.4

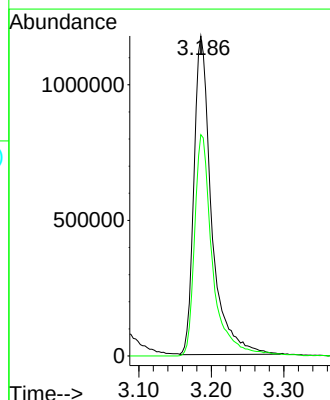
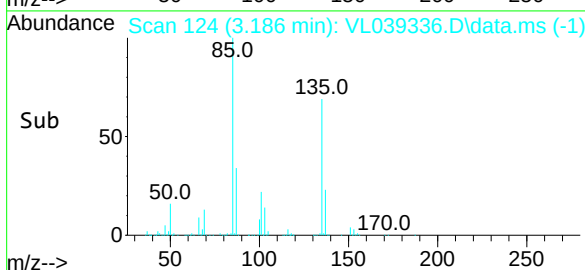
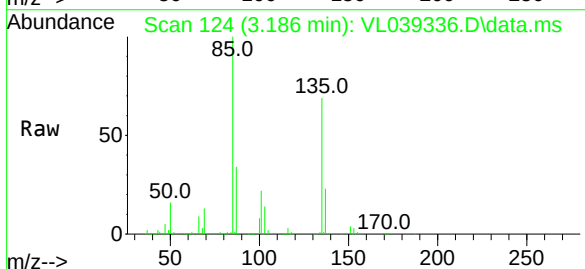
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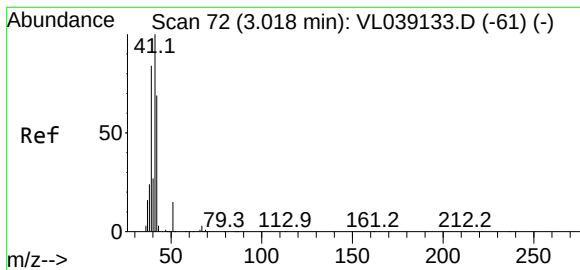
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#8
Dichlorotetrafluoroethane
Concen: 9.510 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion: 85 Resp: 1990209
Ion Ratio Lower Upper
85 100
135 71.2 55.0 82.4





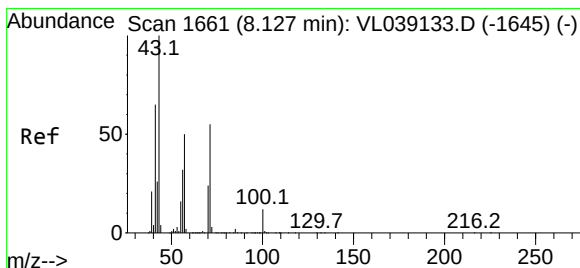
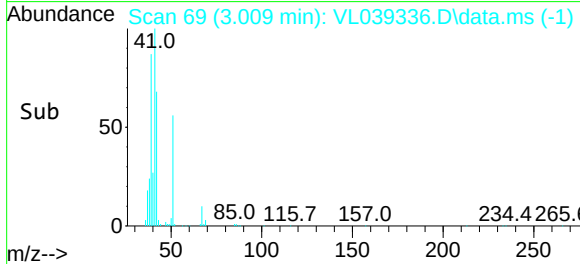
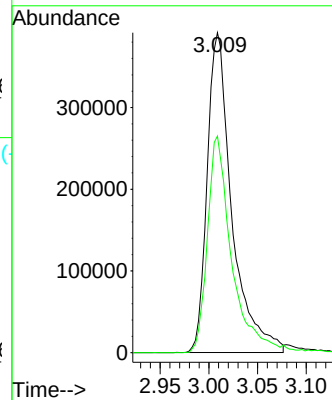
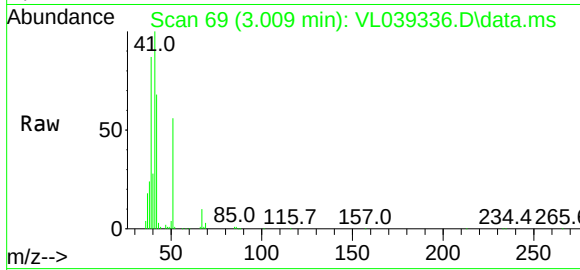
#9
 Propene
 Concen: 9.518 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 68841
 Ion Ratio Lower Upper
 41 100
 42 67.5 55.4 83.2

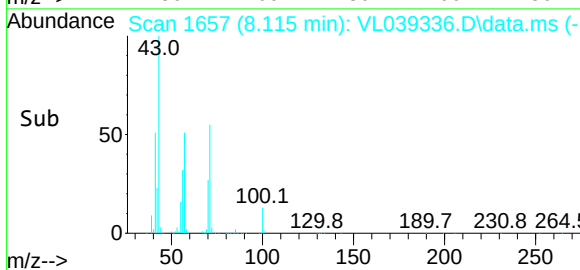
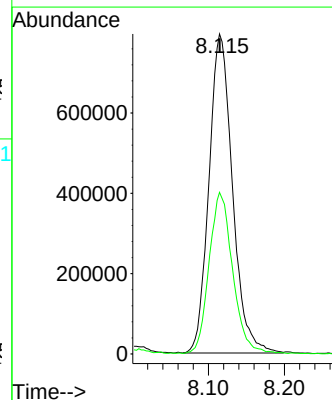
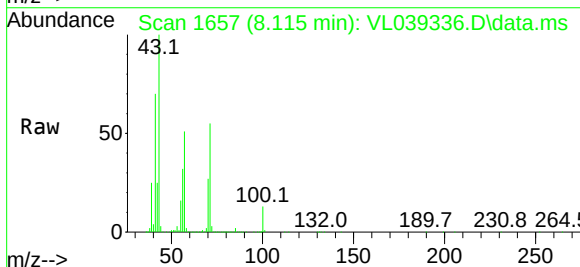
Manual Integrations
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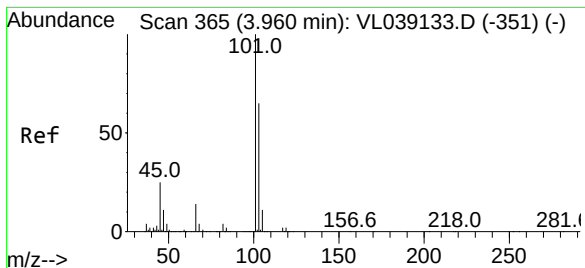
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#10
 Heptane
 Concen: 10.111 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

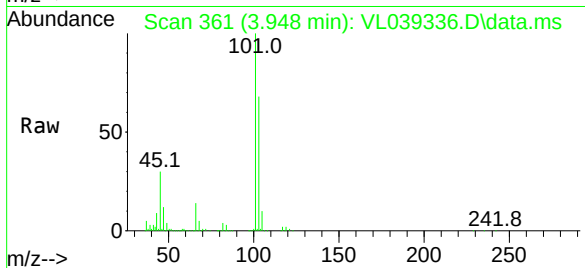
Tgt Ion: 43 Resp: 1706007
 Ion Ratio Lower Upper
 43 100
 57 51.0 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.231 ppbv
 RT: 3.948 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

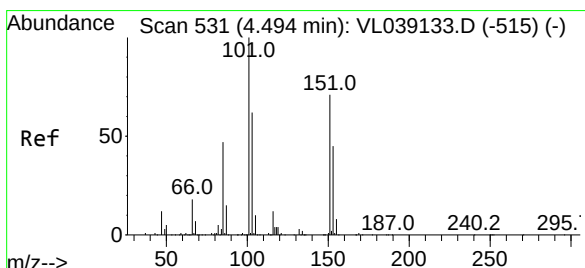
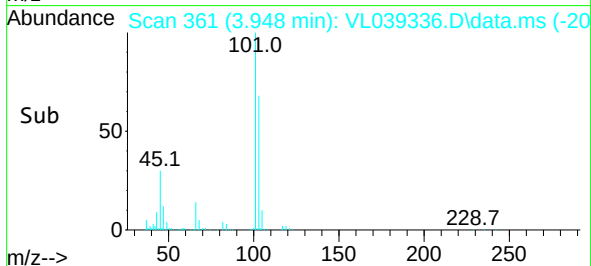
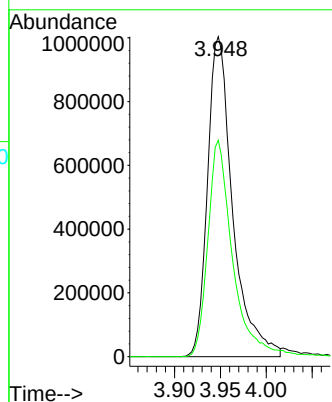
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 1913340
 Ion Ratio Lower Upper
 101 100
 103 67.6 51.7 77.5

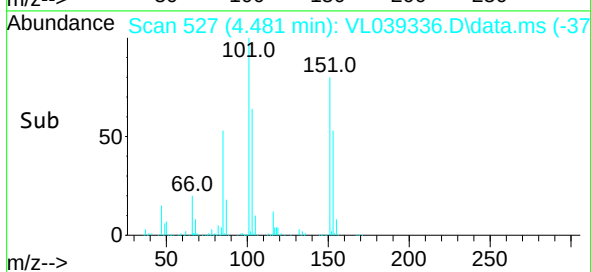
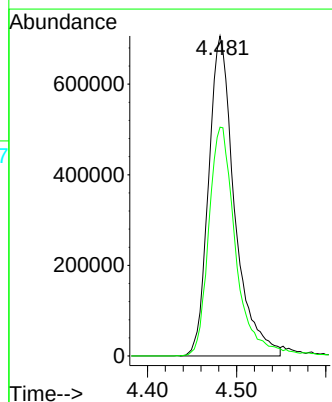
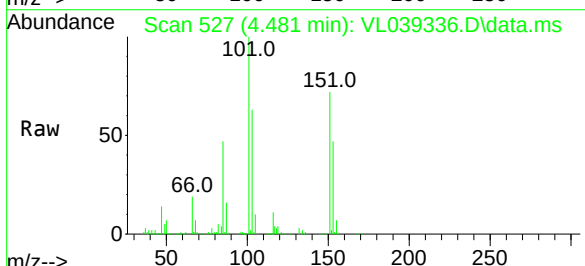
Manual Integrations
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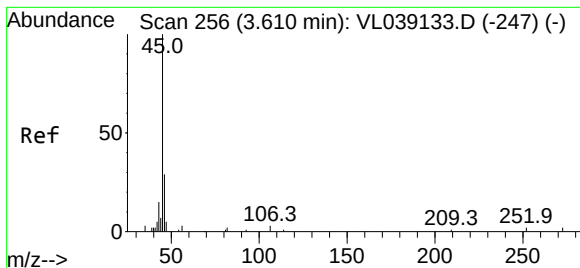
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.429 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

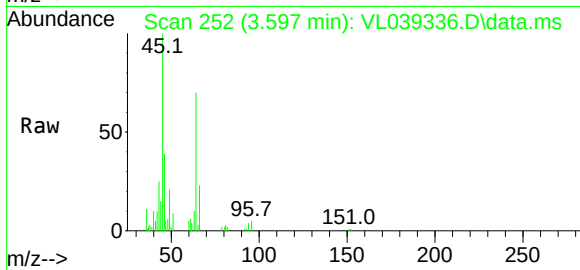
Tgt Ion:101 Resp: 1429621
 Ion Ratio Lower Upper
 101 100
 151 74.9 59.4 89.0





#13
Ethanol
Concen: 10.516 ppbv m
RT: 3.597 min Scan# 214
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

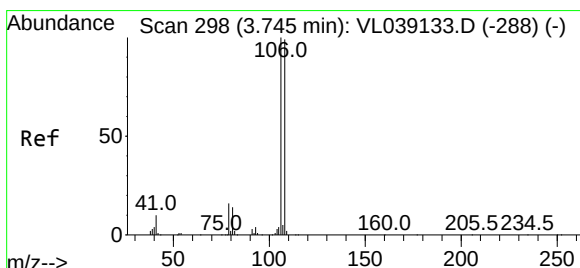
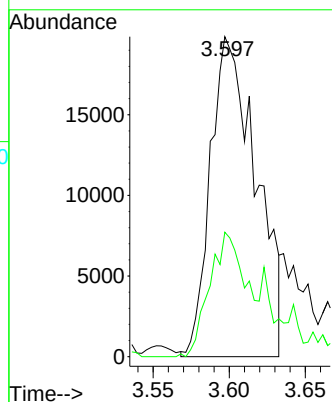
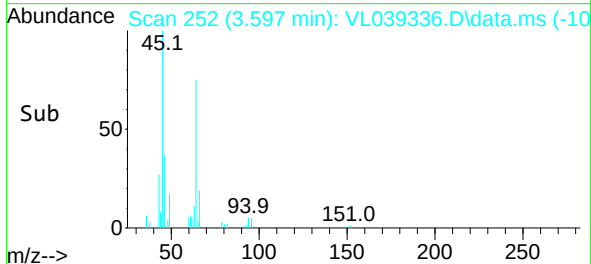
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



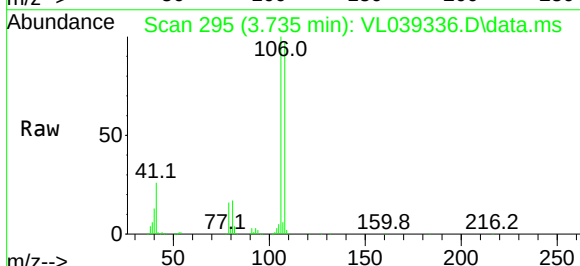
Tgt Ion: 45 Resp: 4148
Ion Ratio Lower Upper
45 100
46 46.6 0.0 0.0

Manual Integrations
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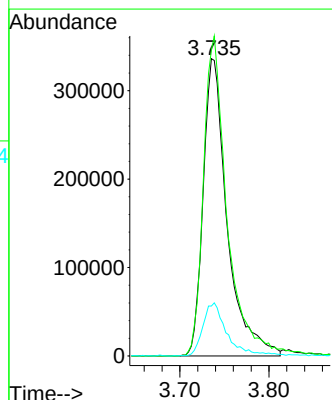
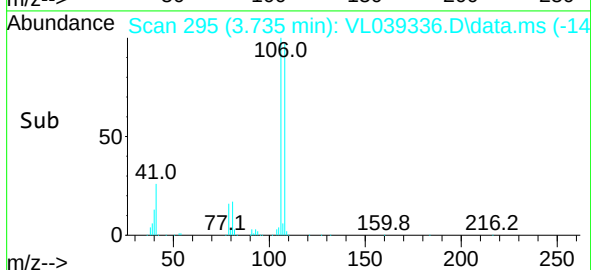
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

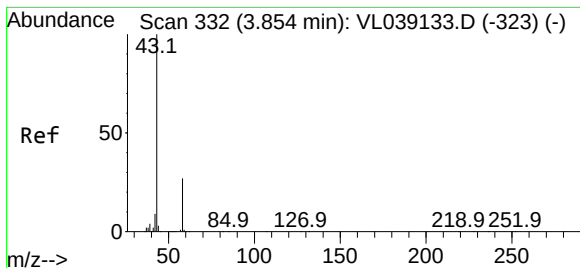


#14
Bromoethene
Concen: 10.215 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



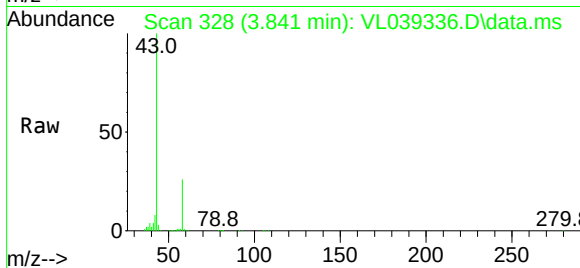
Tgt Ion:108 Resp: 629485
Ion Ratio Lower Upper
108 100
106 107.4 88.4 132.6
79 18.5 13.4 20.2





#15
Acetone
Concen: 10.522 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

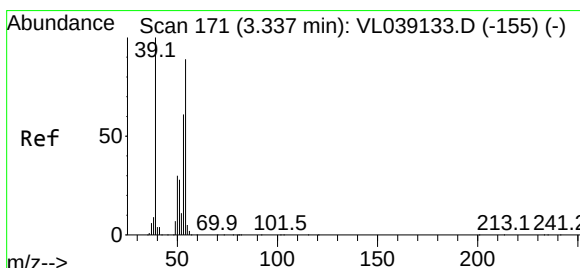
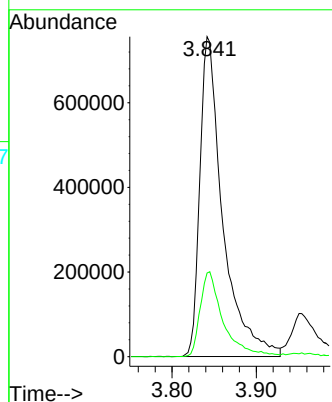
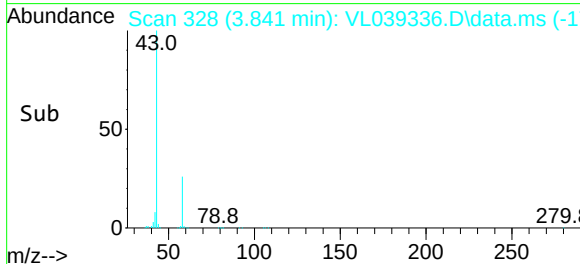
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 142900
Ion Ratio Lower Upper
43 100
58 26.9 22.5 33.7

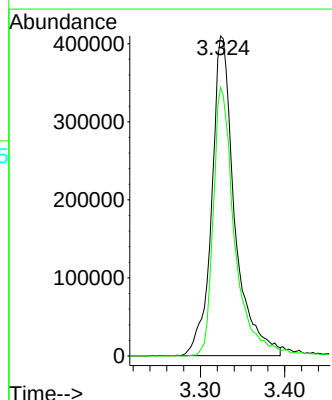
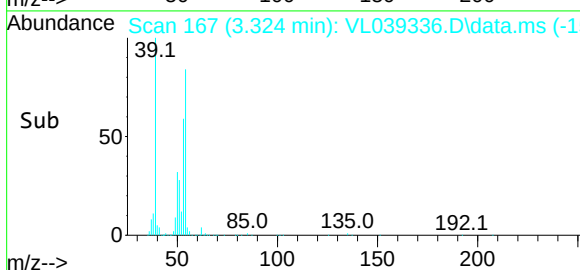
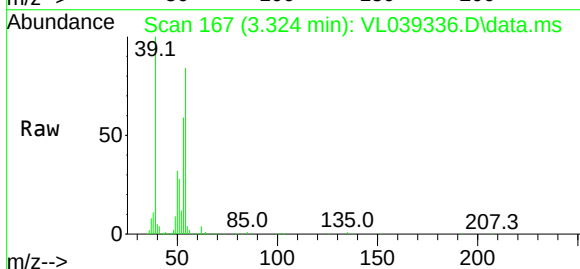
Manual Integrations
APPROVED

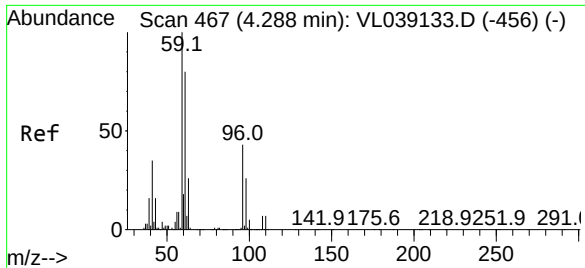
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
1,3-Butadiene
Concen: 10.621 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion: 39 Resp: 775371
Ion Ratio Lower Upper
39 100
54 79.7 65.8 98.6





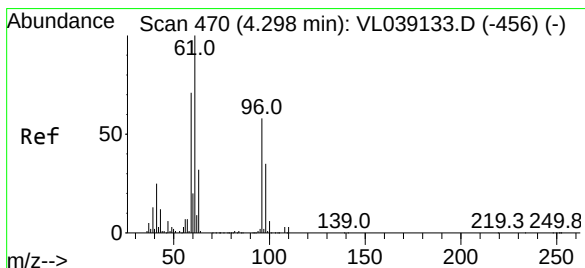
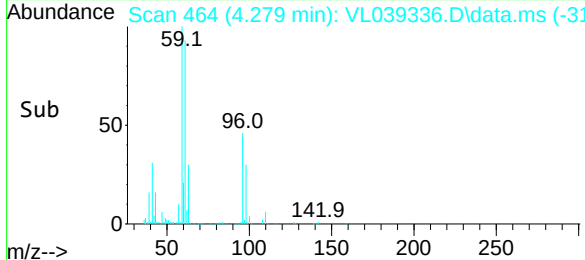
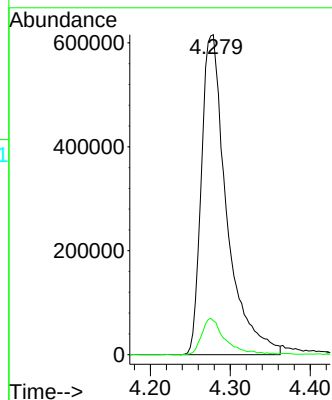
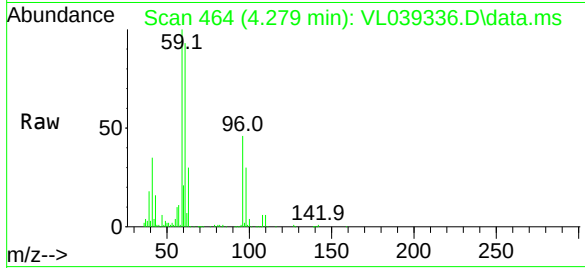
#17
tert-Butyl alcohol
Concen: 12.882 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 135696
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

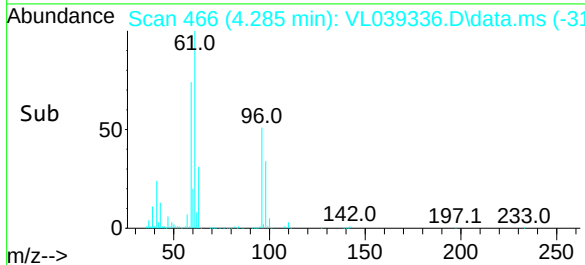
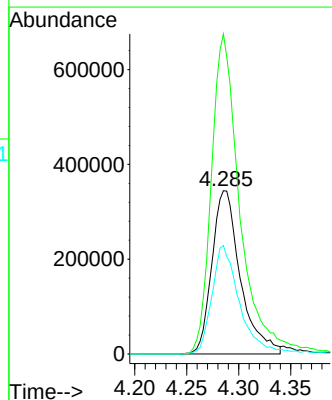
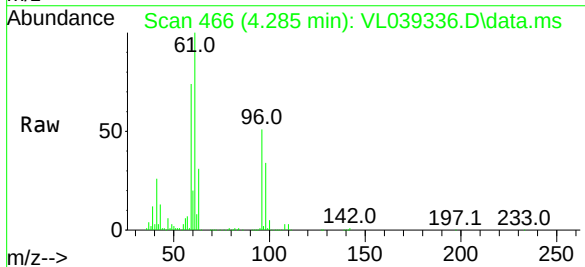
Manual Integrations
APPROVED

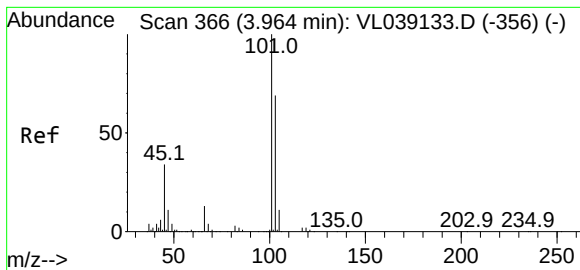
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
1,1-Dichloroethene
Concen: 10.665 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

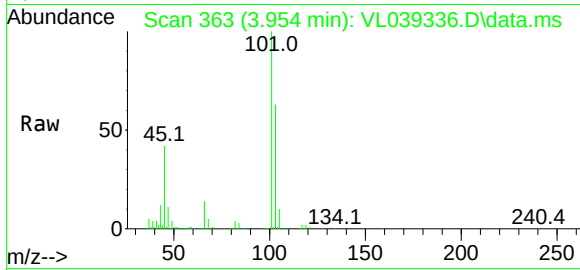
Tgt Ion: 96 Resp: 655813
Ion Ratio Lower Upper
96 100
61 196.1 138.4 207.6
98 66.5 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.903 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

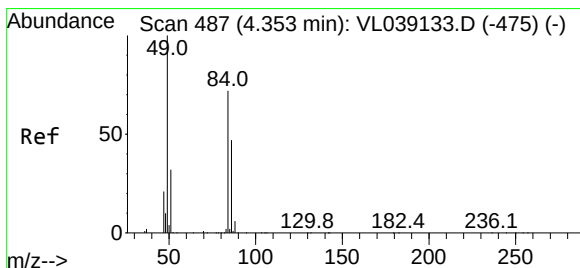
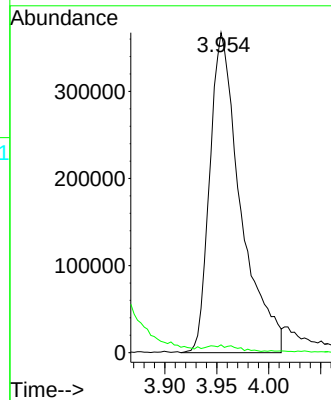
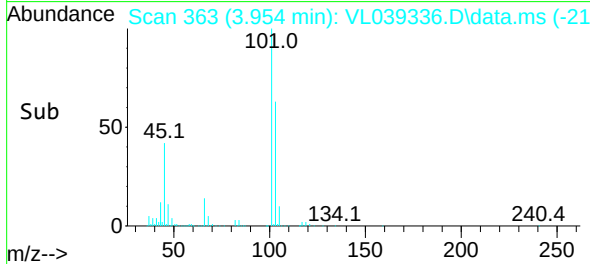
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 75819
Ion Ratio Lower Upper
45 100
58 3.7 1.8 2.8

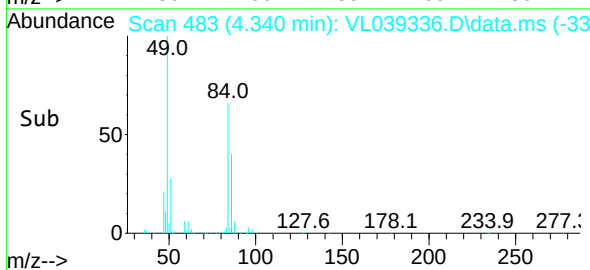
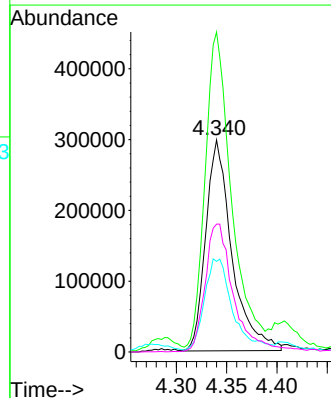
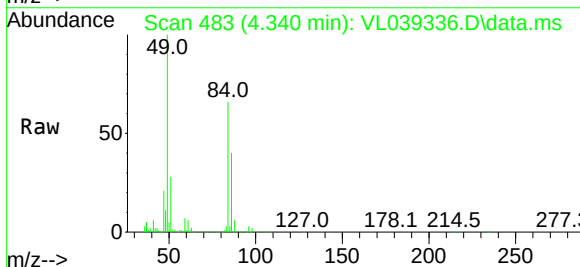
Manual Integrations
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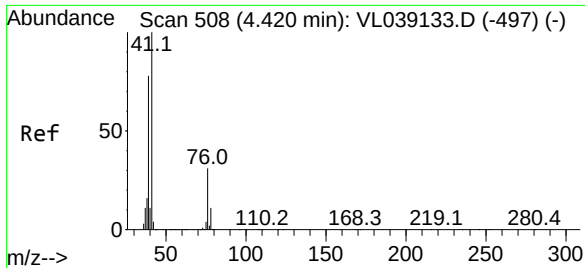
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 9.472 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion: 84 Resp: 542104
Ion Ratio Lower Upper
84 100
49 149.2 111.1 166.7
51 41.9 35.3 52.9
86 60.5 51.9 77.9





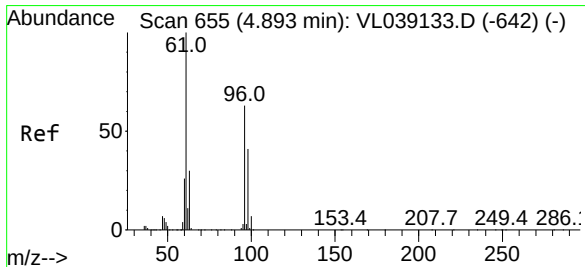
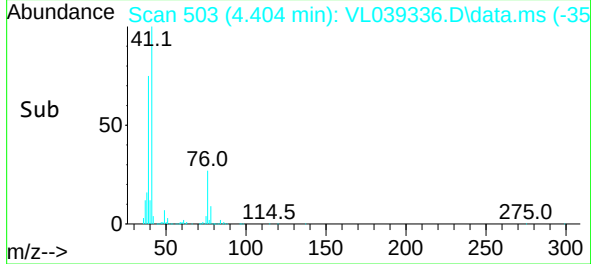
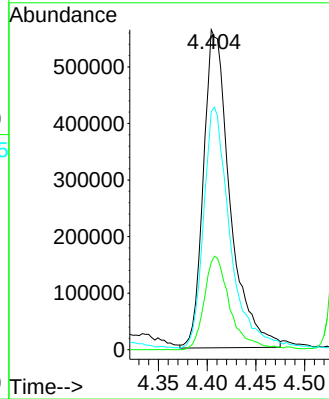
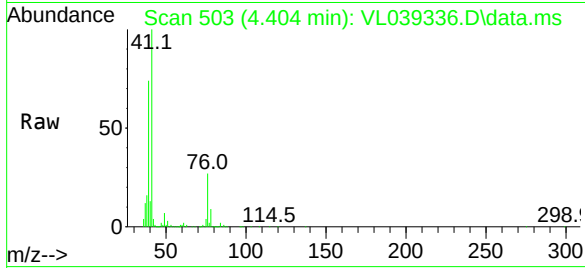
#21
 Allyl Chloride
 Concen: 11.627 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. -0.016 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1065139
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.2 36.2
 39 75.8 62.2 93.2

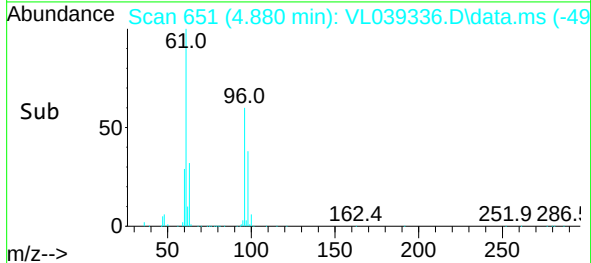
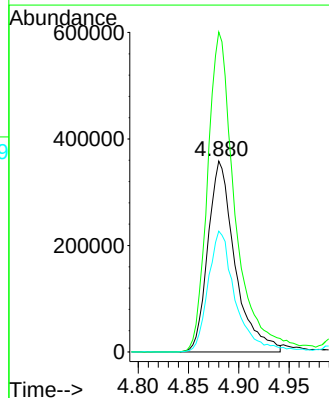
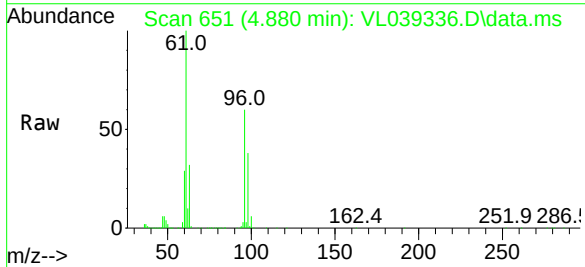
Manual Integrations
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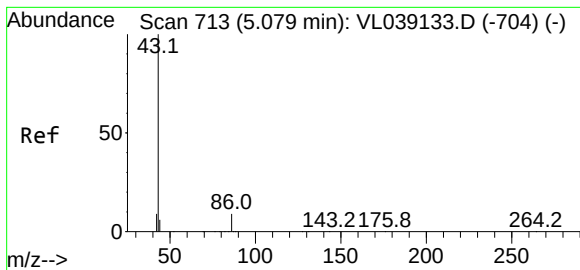
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.379 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

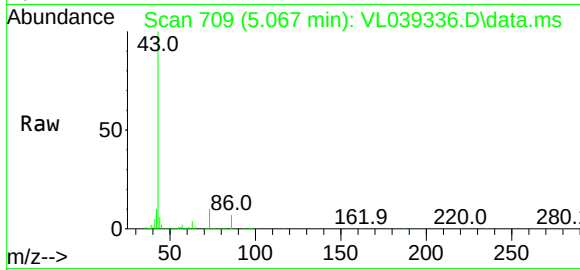
Tgt Ion: 96 Resp: 673251
 Ion Ratio Lower Upper
 96 100
 61 167.6 126.6 190.0
 98 63.3 52.5 78.7





#23
 Vinyl Acetate
 Concen: 9.577 ppbv
 RT: 5.067 min Scan# 709
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

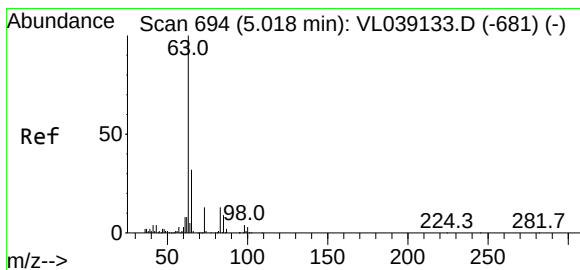
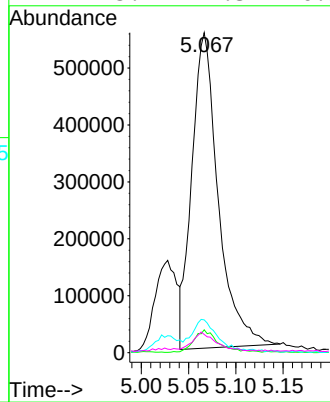
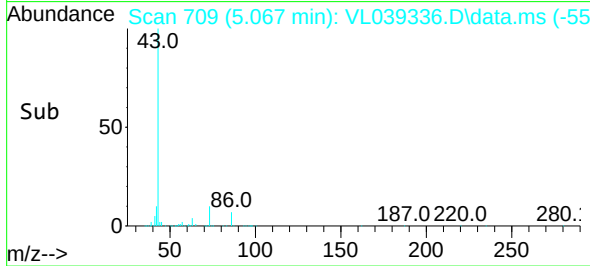
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



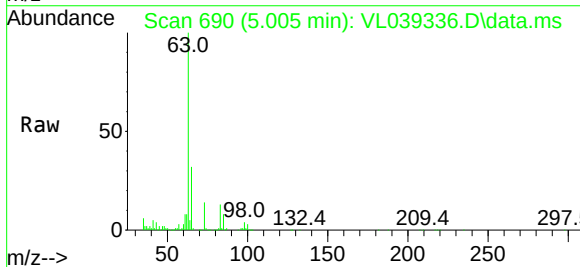
Tgt Ion: 43 Resp: 1076094
 Ion Ratio Lower Upper
 43 100
 86 7.2 6.0 9.0
 42 10.2 8.2 12.4
 44 5.2 4.3 6.5

Manual Integrations
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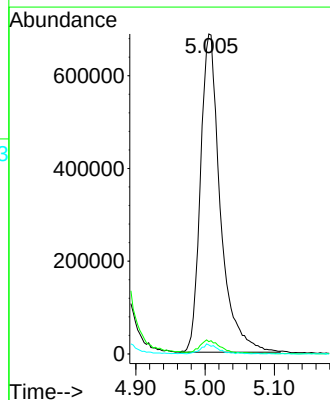
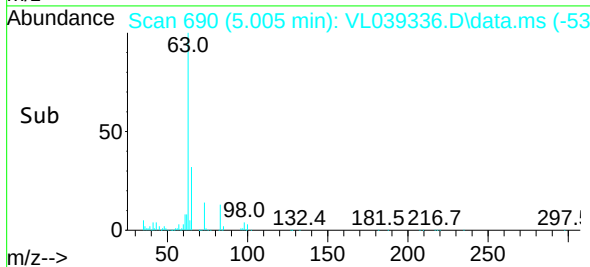
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

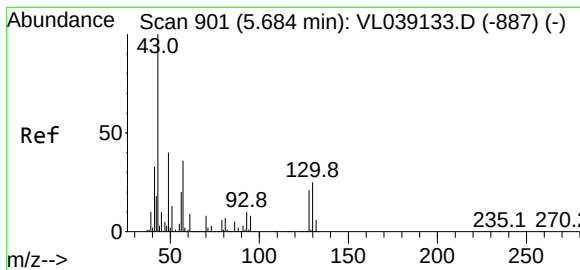


#24
 1,1-Dichloroethane
 Concen: 8.873 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.013 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11



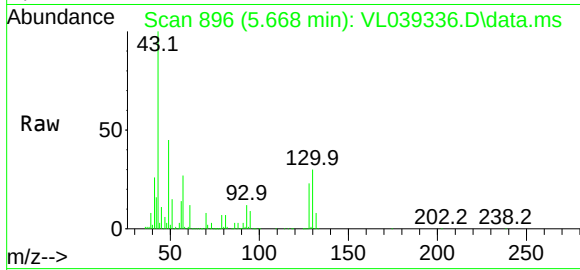
Tgt Ion: 63 Resp: 1366027
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.1 6.2
 100 2.8 1.5 4.5





#25
Ethyl Acetate
Concen: 10.029 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

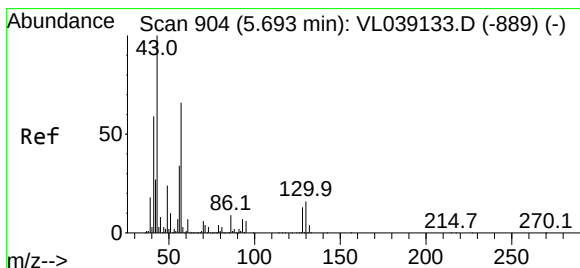
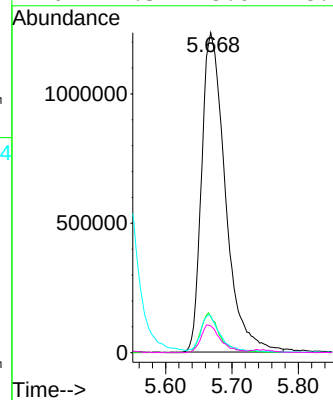
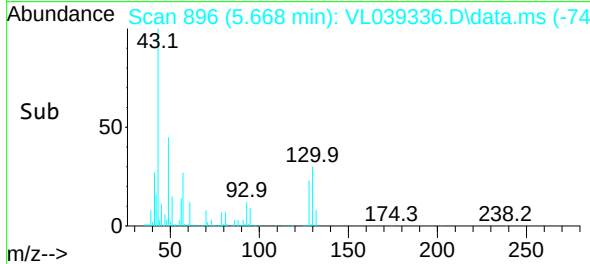
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



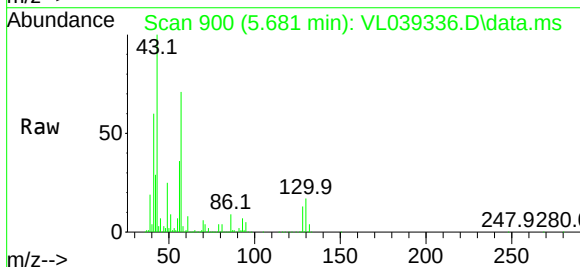
Tgt Ion: 43 Resp: 306963
Ion Ratio Lower Upper
43 100
45 9.9 8.2 12.2
61 10.4 8.4 12.6
70 7.3 5.6 8.4

Manual Integrations
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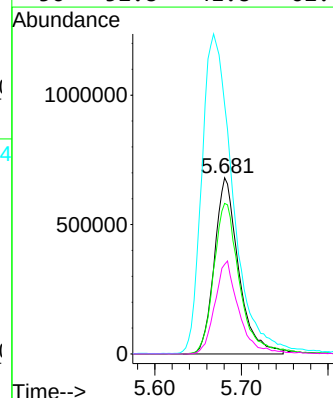
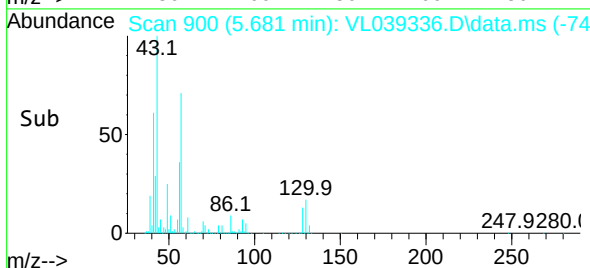
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

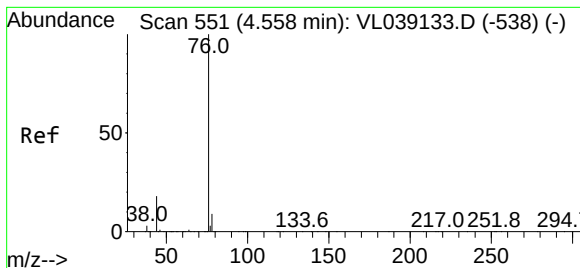


#26
Hexane
Concen: 9.828 ppbv
RT: 5.681 min Scan# 900
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



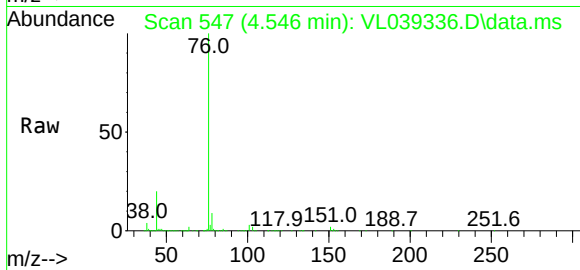
Tgt Ion: 57 Resp: 1321944
Ion Ratio Lower Upper
57 100
41 92.4 72.4 108.6
43 234.9 187.0 280.6
56 52.8 41.8 62.6





#27
Carbon Disulfide
Concen: 11.555 ppbv
RT: 4.546 min Scan# 547
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

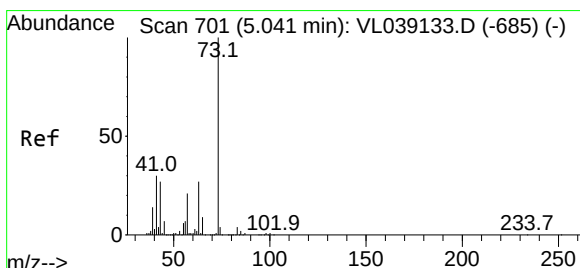
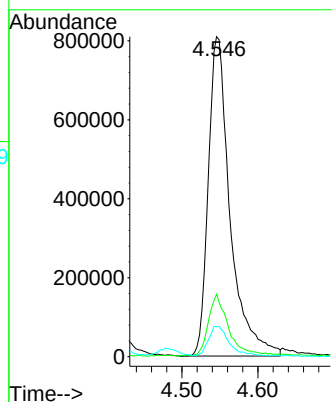
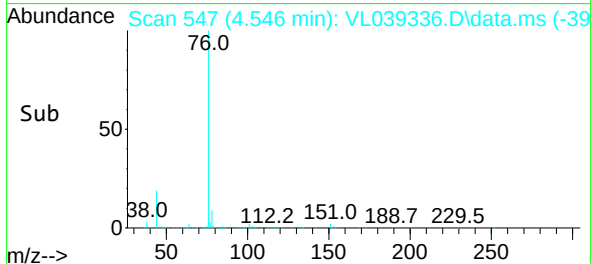
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1610909
Ion Ratio Lower Upper
76 100
44 18.6 14.4 21.6
78 10.0 7.7 11.5

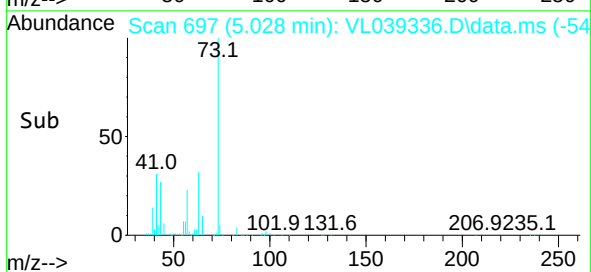
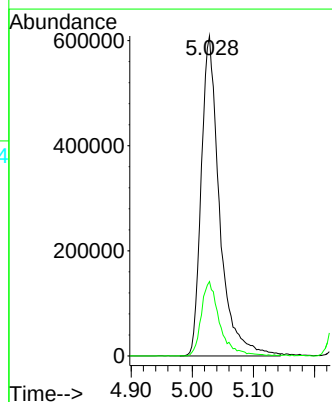
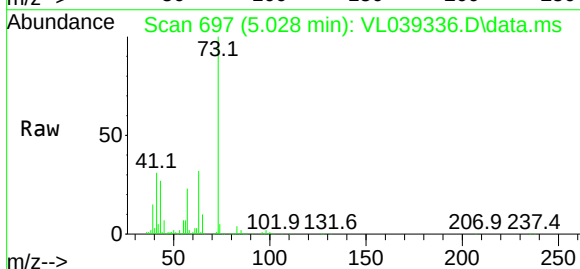
Manual Integrations
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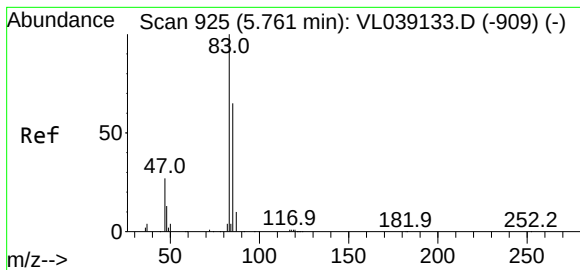
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#28
Methyl tert-Butyl Ether
Concen: 8.523 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion: 73 Resp: 1265631
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8





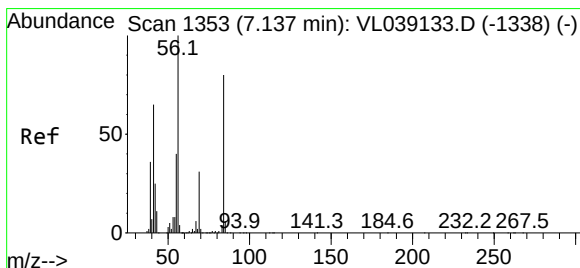
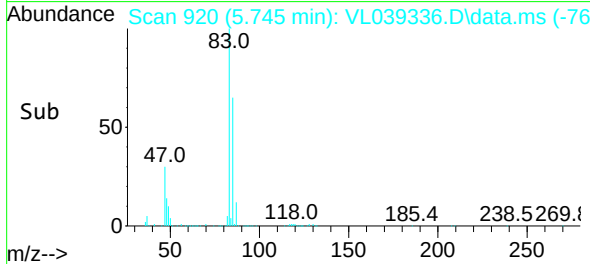
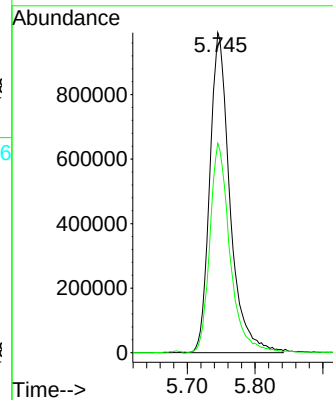
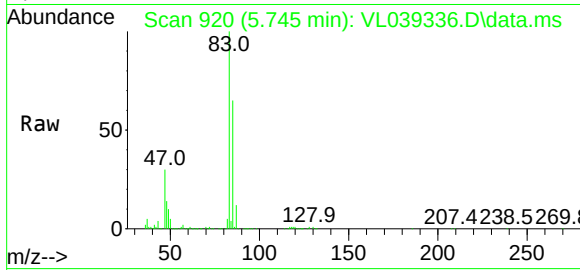
#29
Chloroform
Concen: 9.054 ppbv
RT: 5.745 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 204941
Ion Ratio Lower Upper
83 100
85 65.3 52.4 78.6

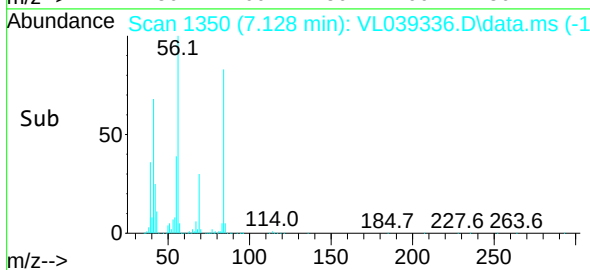
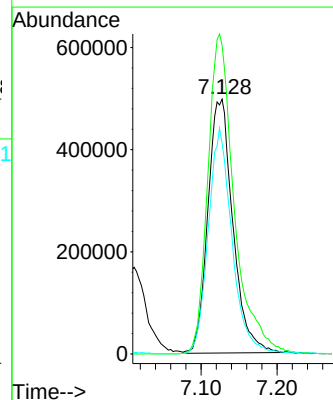
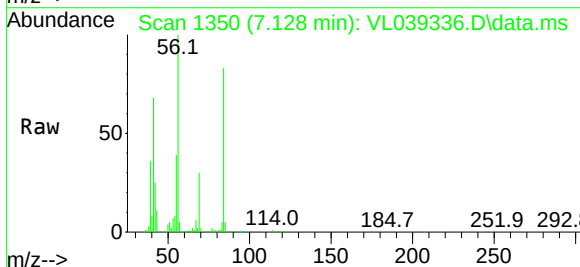
Manual Integrations
APPROVED

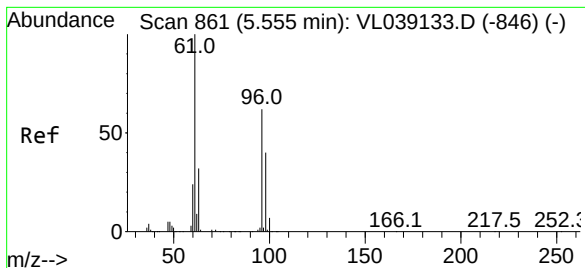
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#30
Cyclohexane
Concen: 10.040 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

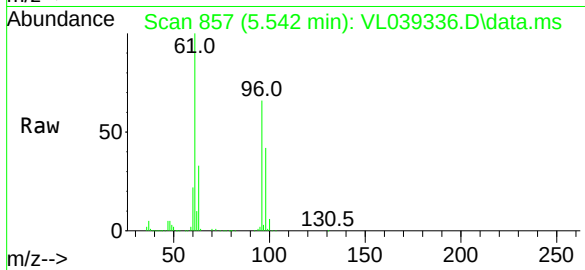
Tgt Ion: 84 Resp: 1134527
Ion Ratio Lower Upper
84 100
56 133.9 110.6 165.8
41 85.4 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 9.638 ppbv
RT: 5.542 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

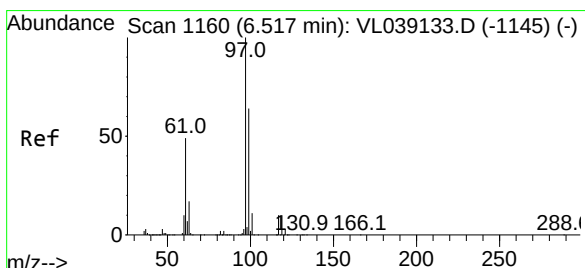
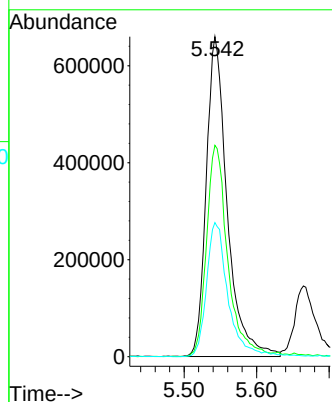
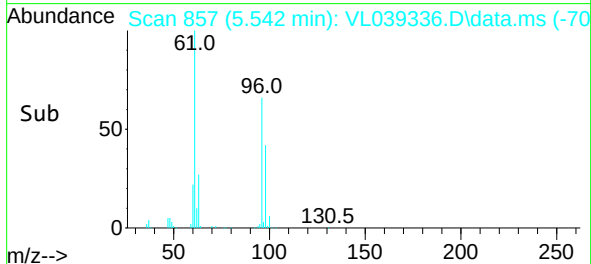
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



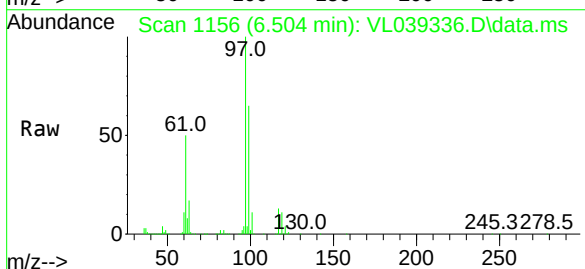
Tgt Ion: 61 Resp: 132186
Ion Ratio Lower Upper
61 100
96 66.0 49.9 74.9
98 41.9 32.0 48.0

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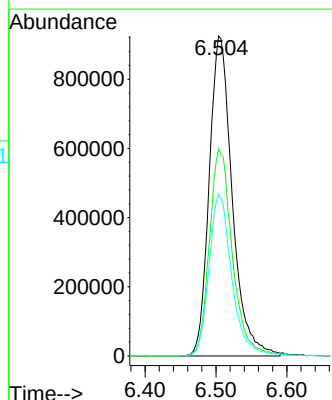
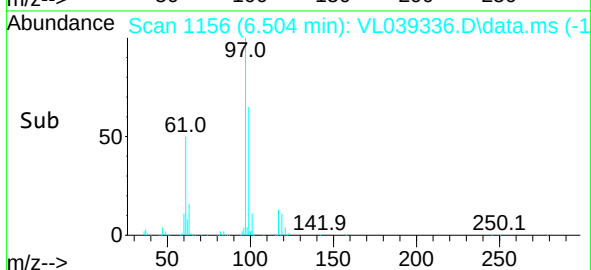
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

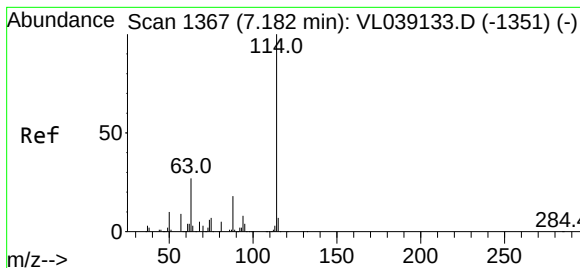


#32
1,1,1-Trichloroethane
Concen: 9.415 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



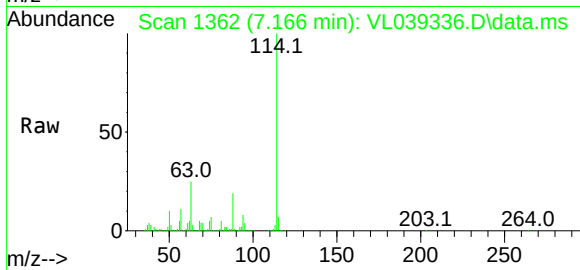
Tgt Ion: 97 Resp: 2085318
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 50.4 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

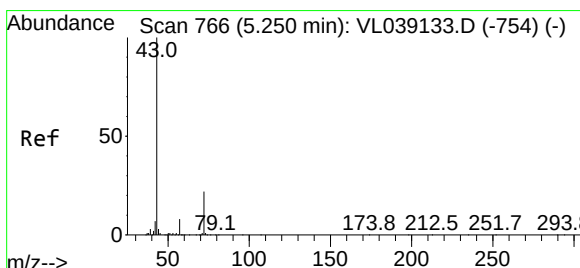
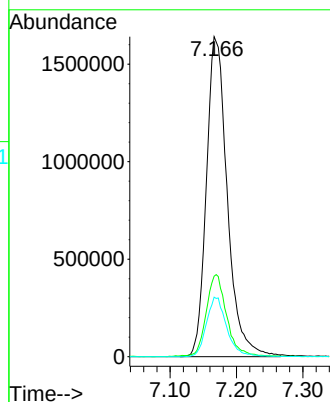
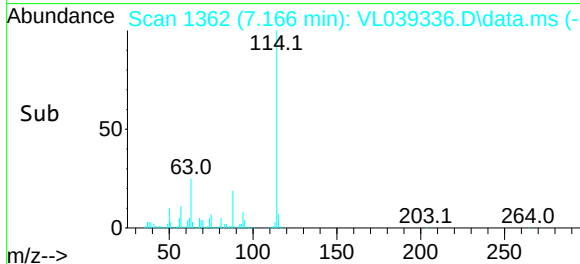
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 359264
Ion Ratio Lower Upper
114 100
63 25.5 21.7 32.5
88 18.2 14.8 22.2

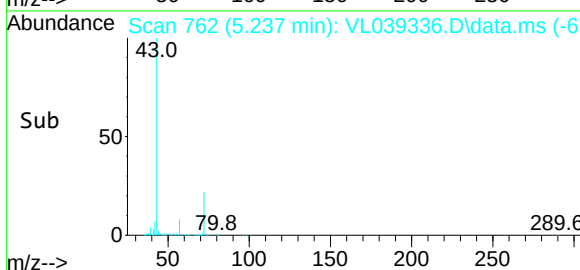
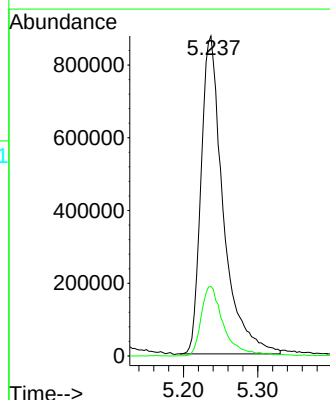
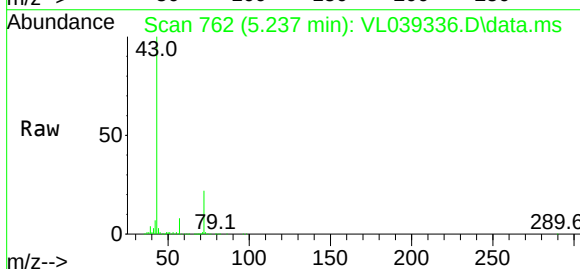
Manual Integrations
APPROVED

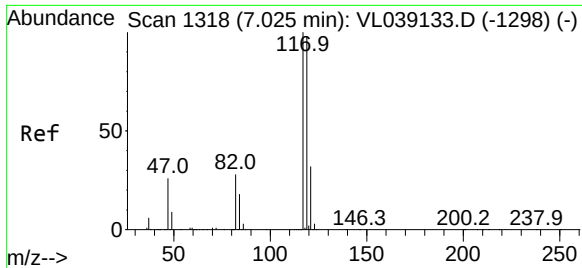
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#34
2-Butanone
Concen: 9.280 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

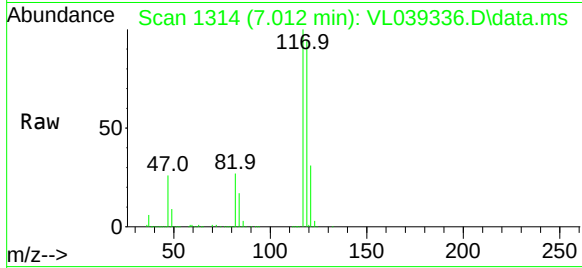
Tgt Ion: 43 Resp: 1811332
Ion Ratio Lower Upper
43 100
72 22.8 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.260 ppbv
RT: 7.012 min Scan# 111
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

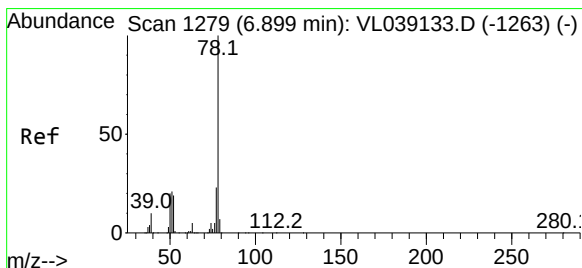
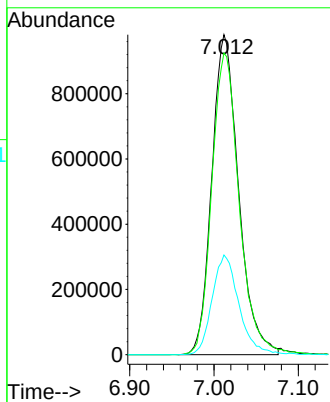
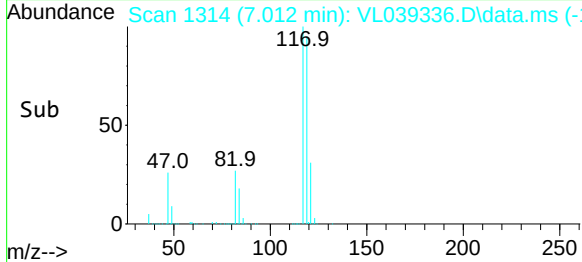
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



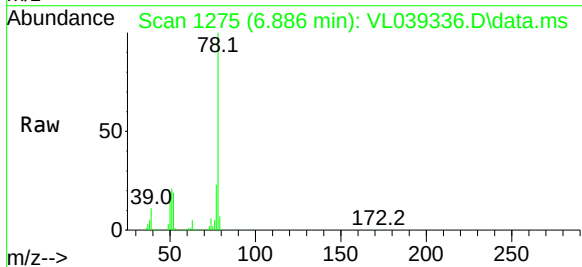
Tgt Ion: 117 Resp: 2165940
Ion Ratio Lower Upper
117 100
119 94.2 78.6 118.0
121 31.1 25.4 38.0

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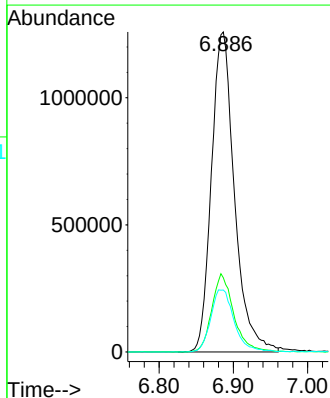
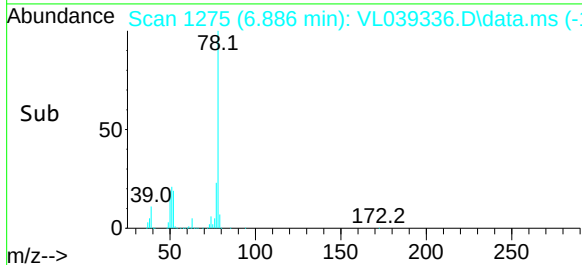
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

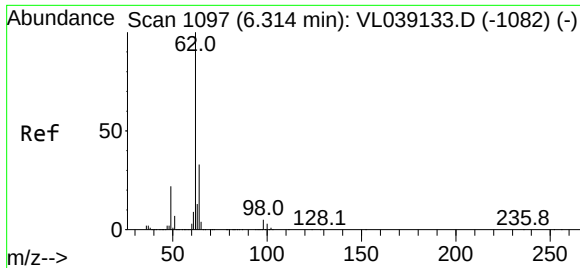


#36
Benzene
Concen: 9.308 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion: 78 Resp: 2714944
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8
50 19.3 15.8 23.8





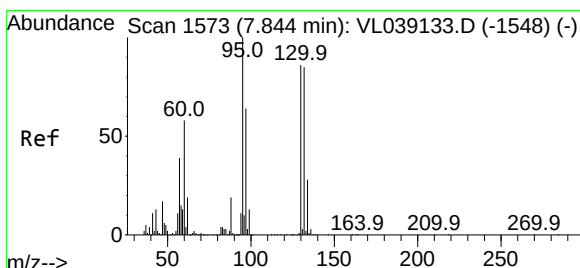
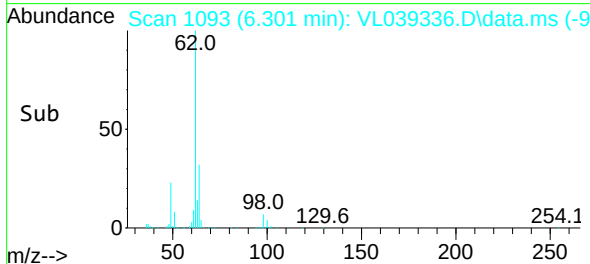
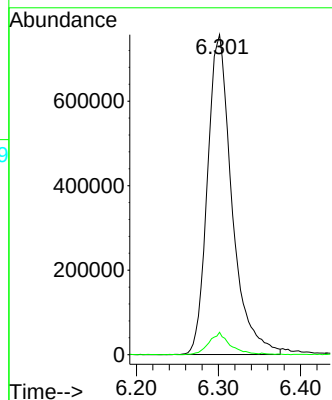
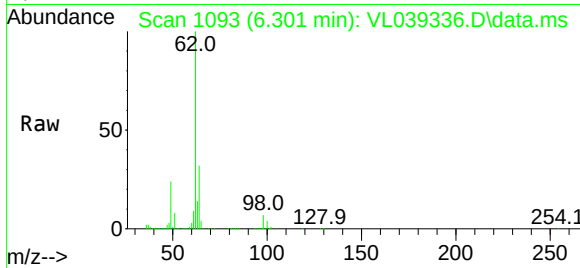
#37
1,2-Dichloroethane
Concen: 8.194 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 1572854
Ion Ratio Lower Upper
62 100
98 6.1 4.3 6.5

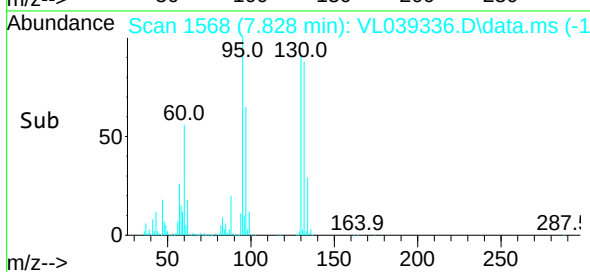
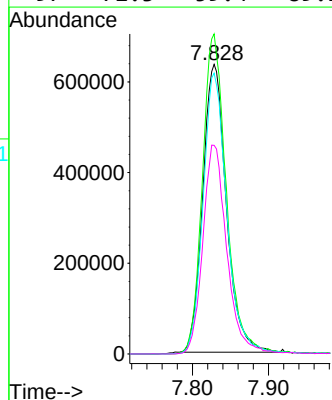
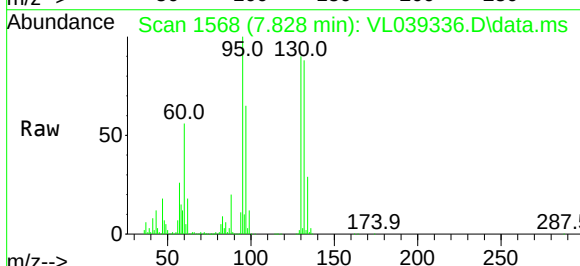
Manual Integrations
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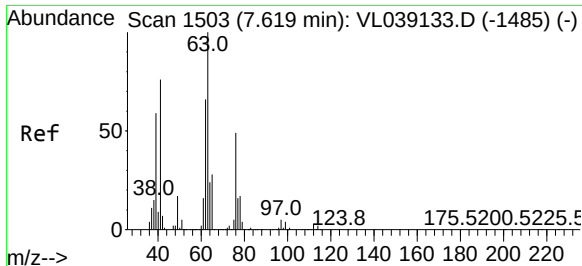
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Trichloroethene
Concen: 10.218 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

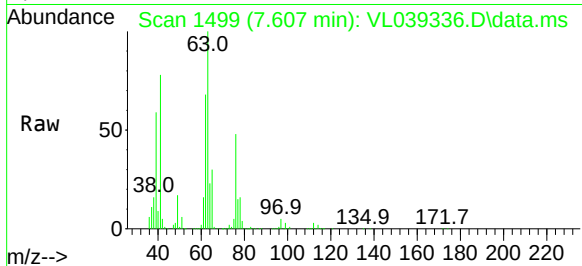
Tgt Ion:130 Resp: 1368846
Ion Ratio Lower Upper
130 100
95 110.9 93.3 139.9
132 97.4 79.0 118.4
97 72.3 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.724 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

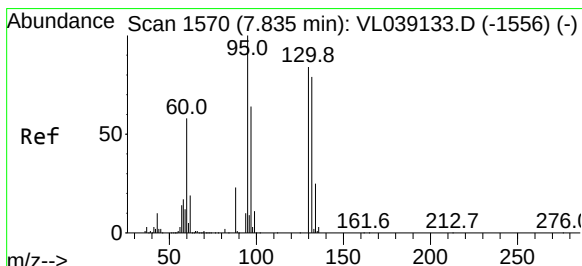
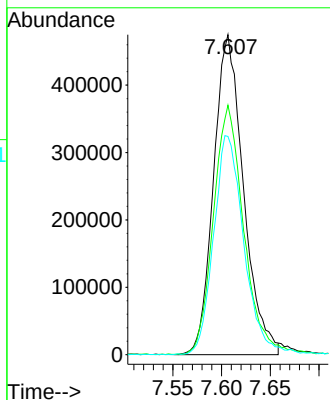
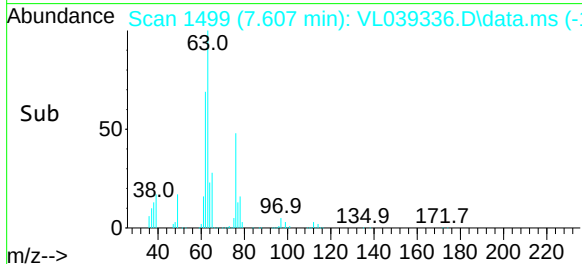


Tgt Ion: 63 Resp: 101214

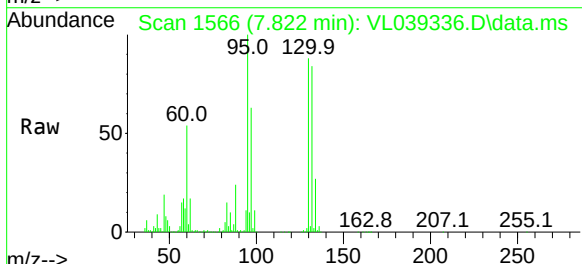
Ion	Ratio	Lower	Upper
63	100		
41	77.7	60.8	91.2
62	68.0	52.9	79.3

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Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

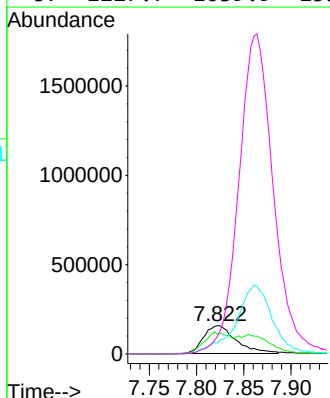
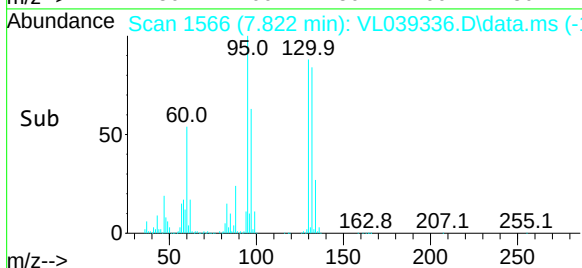


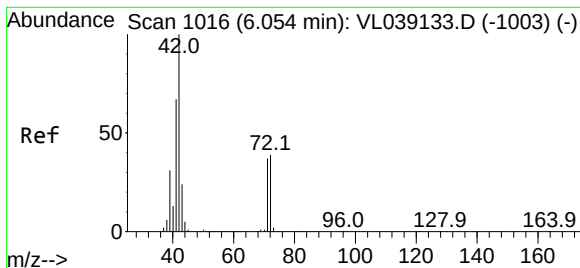
#40
1,4-Dioxane
Concen: 9.788 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion: 88 Resp: 373855

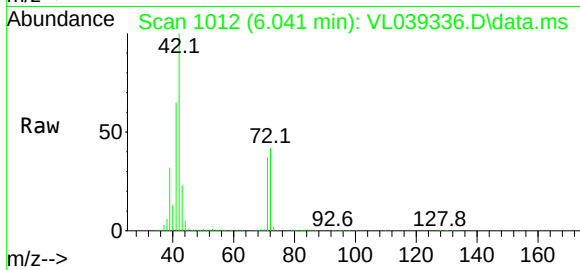
Ion	Ratio	Lower	Upper
88	100		
58	133.7	111.2	166.8
43	280.5	234.2	351.4
57	1227.7	1039.9	1559.9





#41
Tetrahydrofuran
Concen: 9.208 ppbv
RT: 6.041 min Scan# 1016
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

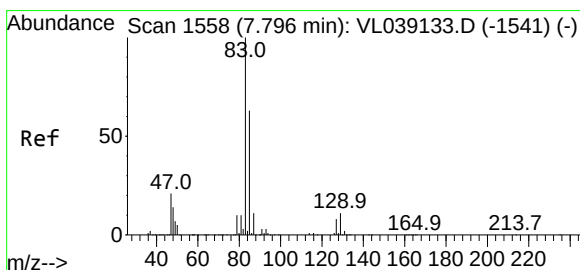
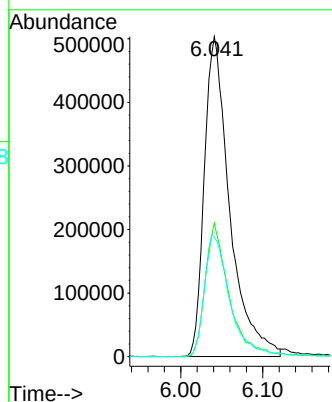
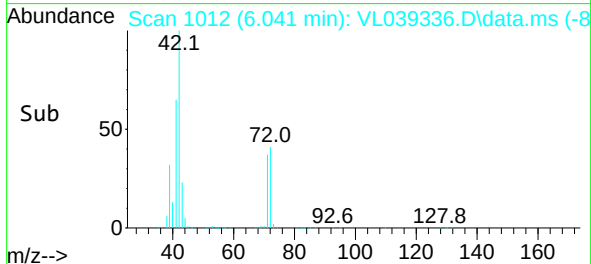
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 108087
Ion Ratio Lower Upper
42 100
72 39.9 32.0 48.0
71 38.7 31.1 46.7

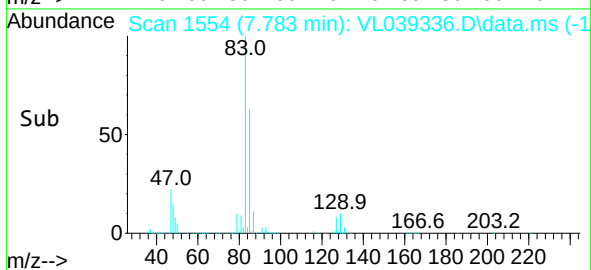
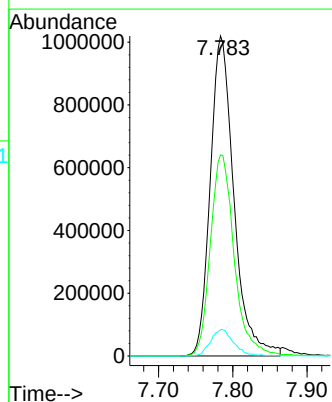
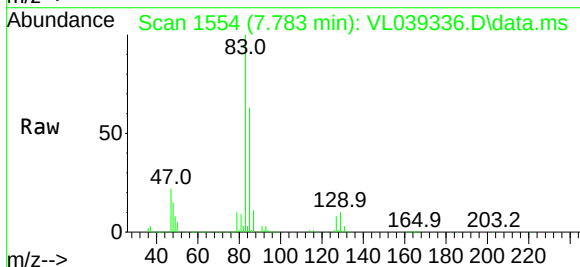
Manual Integrations
APPROVED

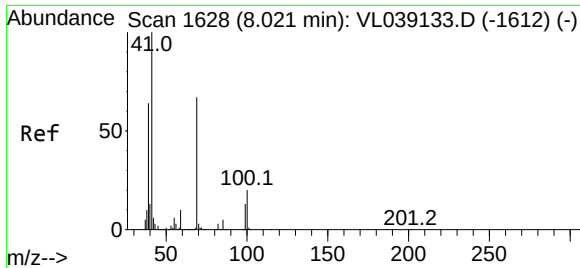
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#42
Bromodichloromethane
Concen: 8.452 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

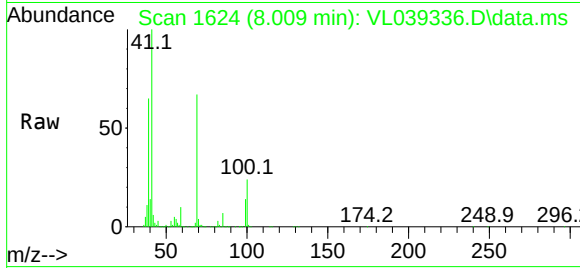
Tgt Ion: 83 Resp: 2251585
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 8.3 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.609 ppbv
RT: 8.009 min Scan# 1091698
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

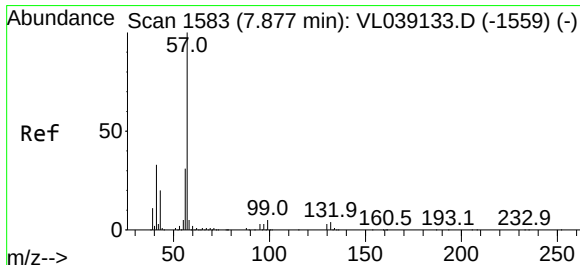
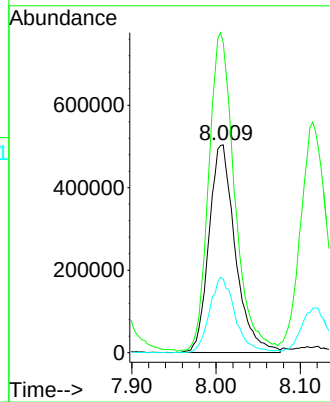
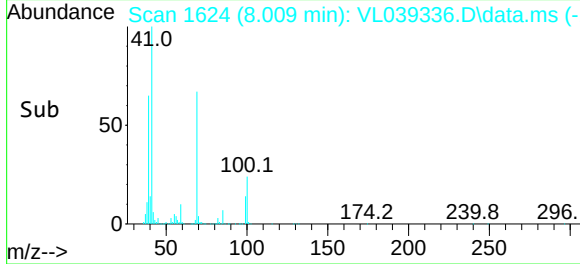
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



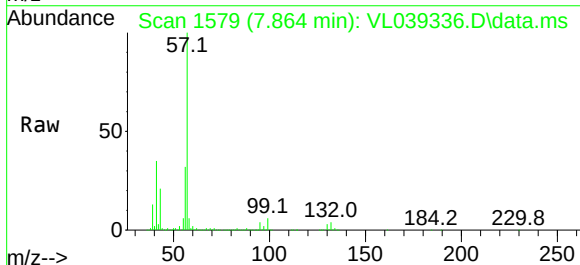
Tgt Ion: 69 Resp: 1091698
Ion Ratio Lower Upper
69 100
41 152.4 121.9 182.9
100 35.1 24.1 36.1

Manual Integrations
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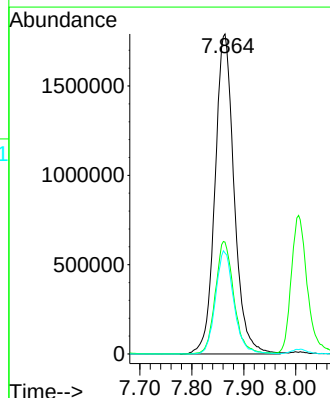
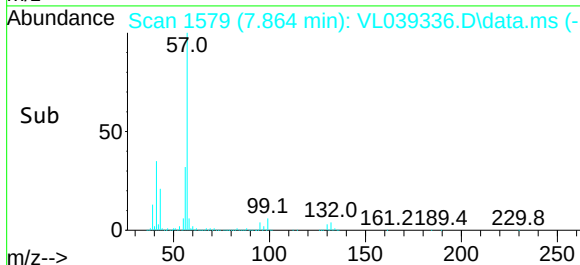
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

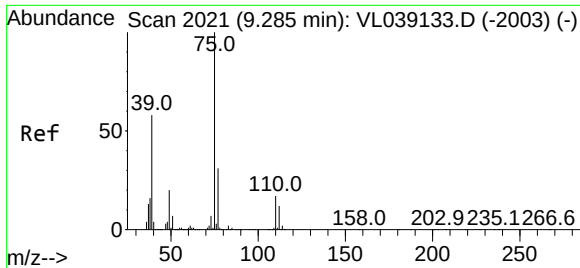


#44
2,2,4-Trimethylpentane
Concen: 8.985 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



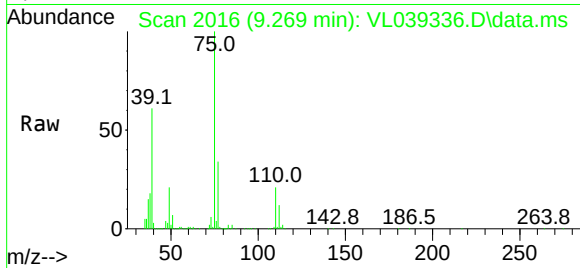
Tgt Ion: 57 Resp: 4584585
Ion Ratio Lower Upper
57 100
41 34.1 26.2 39.4
56 30.9 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 9.013 ppbv
RT: 9.269 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

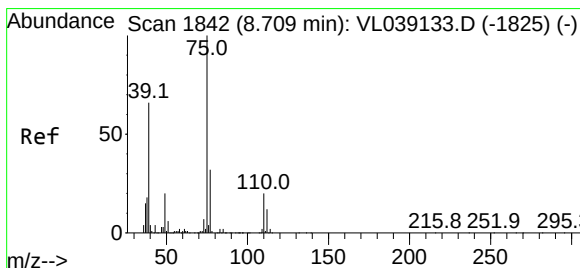
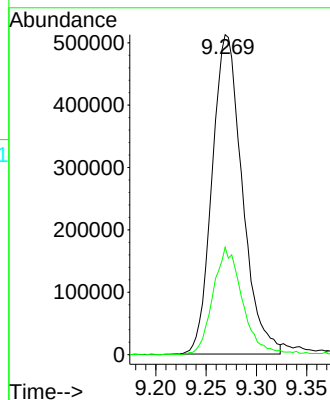
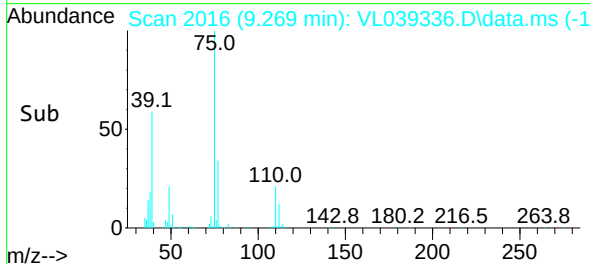
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



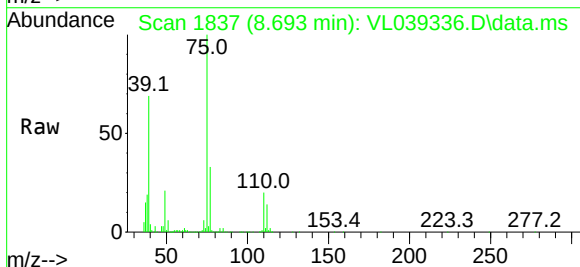
Tgt Ion: 75 Resp: 106645
Ion Ratio Lower Upper
75 100
77 33.6 24.4 36.6

Manual Integrations
APPROVED

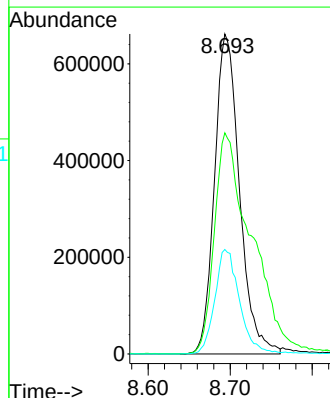
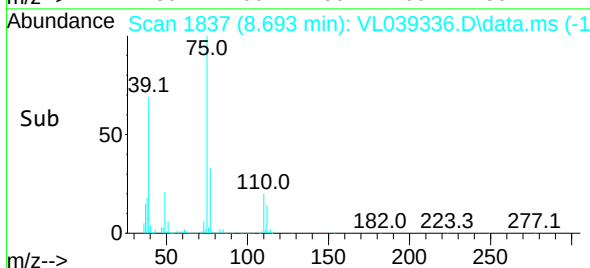
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

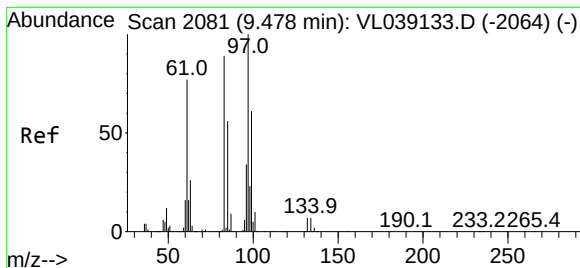


#46
cis-1,3-Dichloropropene
Concen: 8.980 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



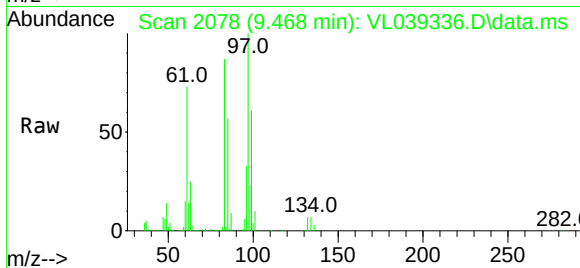
Tgt Ion: 75 Resp: 1403704
Ion Ratio Lower Upper
75 100
39 68.9 52.4 78.6
77 32.6 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.357 ppbv
RT: 9.468 min Scan# 2081
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

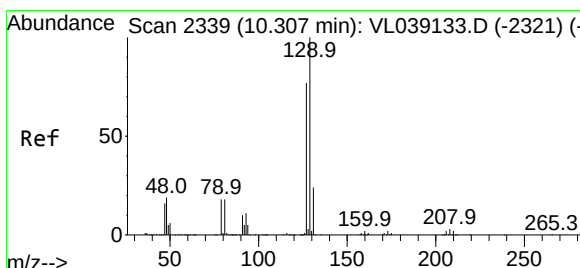
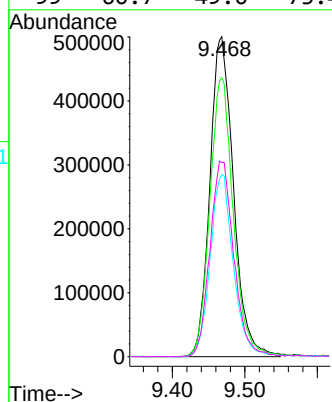
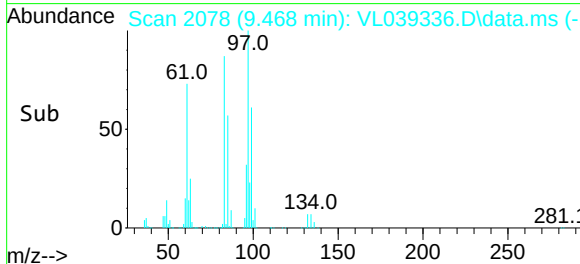


Tgt Ion: 97 Resp: 113249

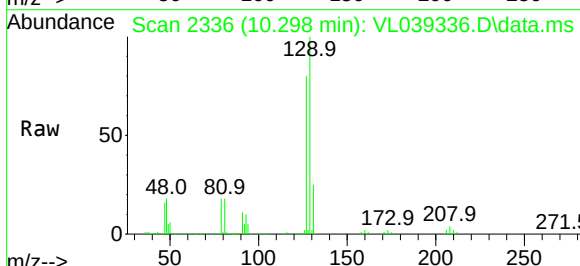
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.6	107.4
85	57.0	44.8	67.2
99	60.7	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

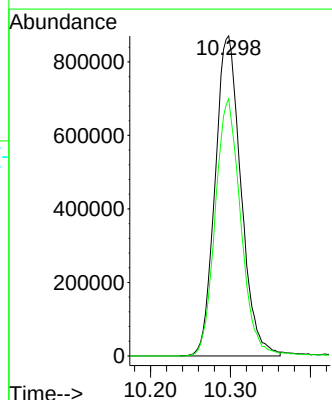
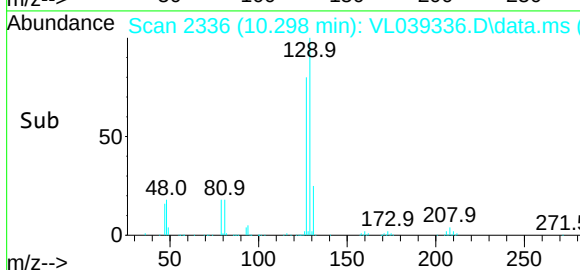


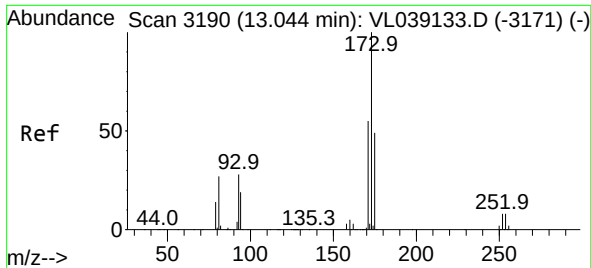
#48
Dibromochloromethane
Concen: 9.026 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion:129 Resp: 1950631

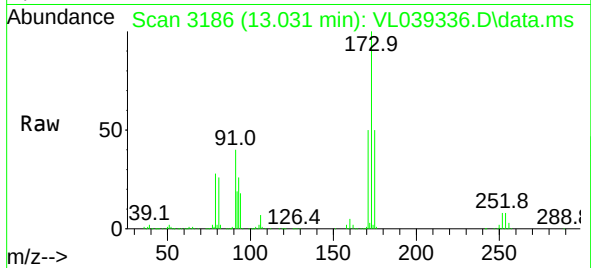
Ion	Ratio	Lower	Upper
129	100		
127	79.9	40.0	119.9





#49
Bromoform
Concen: 8.906 ppbv
RT: 13.031 min Scan# 3190
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

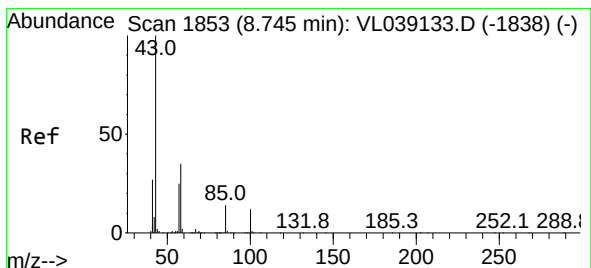
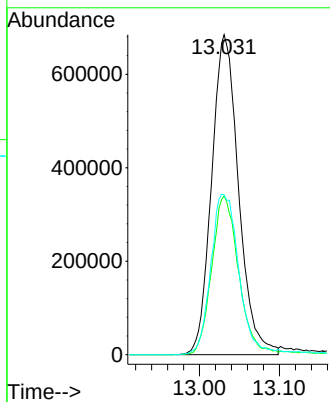
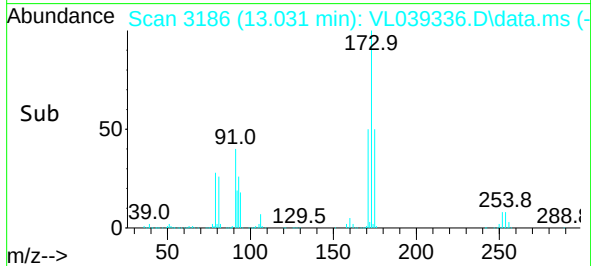
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



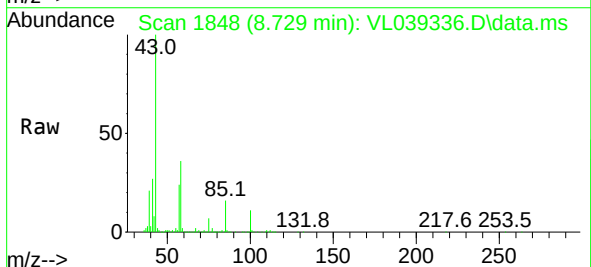
Tgt Ion:173 Resp: 160394
Ion Ratio Lower Upper
173 100
175 50.6 40.2 60.2
171 53.6 43.9 65.9

Manual Integrations
APPROVED

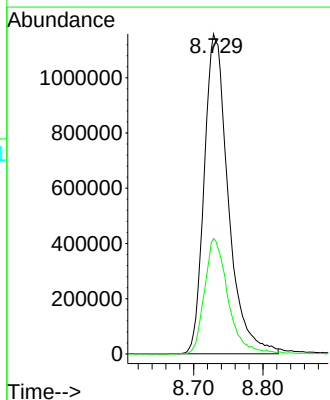
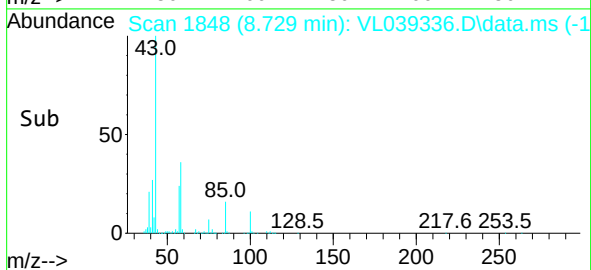
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

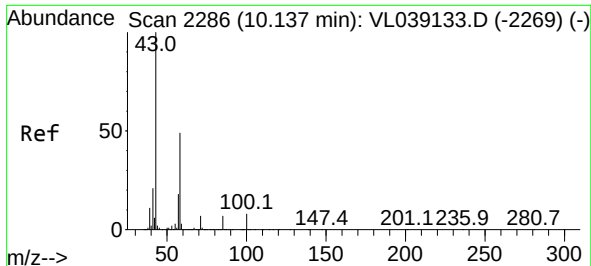


#50
4-Methyl-2-Pentanone
Concen: 9.554 ppbv
RT: 8.729 min Scan# 1848
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



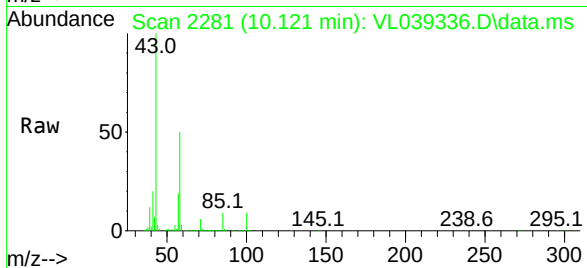
Tgt Ion: 43 Resp: 2791394
Ion Ratio Lower Upper
43 100
58 35.7 28.7 43.1





#51
2-Hexanone
Concen: 9.272 ppbv
RT: 10.121 min Scan# 210786
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

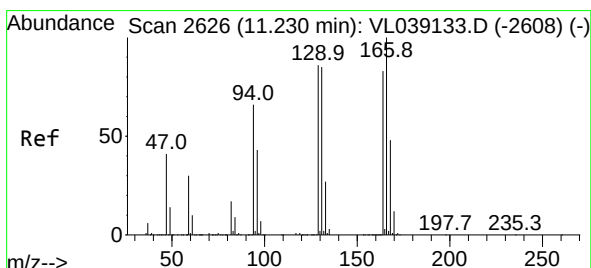
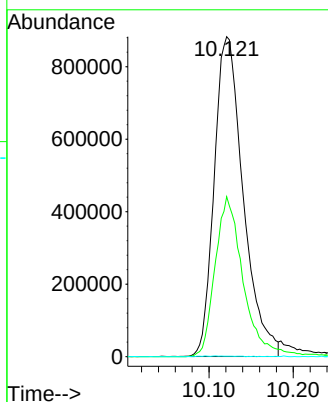
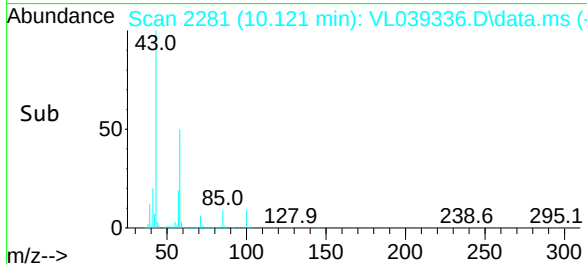
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



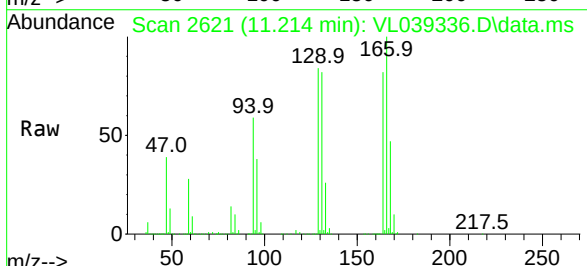
Tgt Ion: 43 Resp: 210786
Ion Ratio Lower Upper
43 100
58 49.1 40.0 60.0
98 0.3 0.1 0.1

Manual Integrations
APPROVED

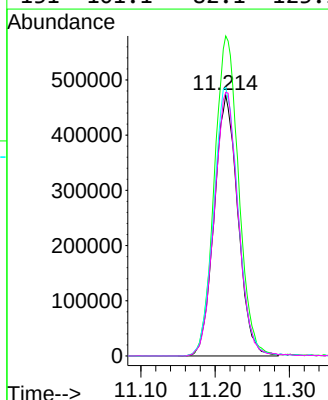
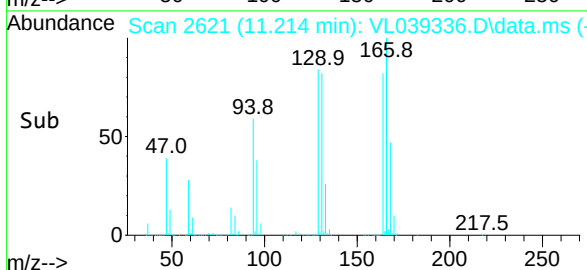
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

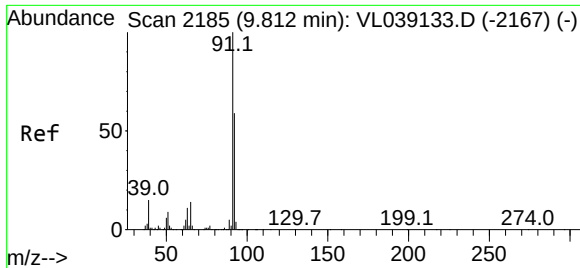


#52
Tetrachloroethene
Concen: 9.181 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



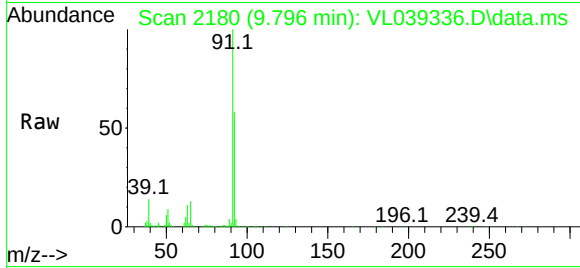
Tgt Ion:164 Resp: 1045478
Ion Ratio Lower Upper
164 100
166 122.7 96.3 144.5
129 103.0 82.5 123.7
131 101.1 82.1 123.1





#53
Toluene
Concen: 9.683 ppbv
RT: 9.796 min Scan# 2185
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

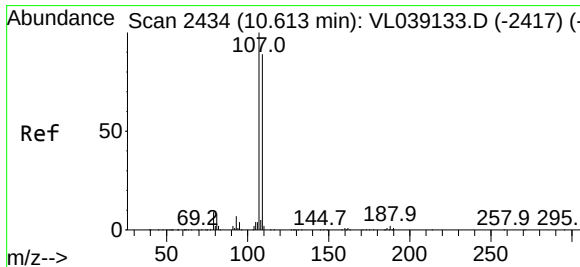
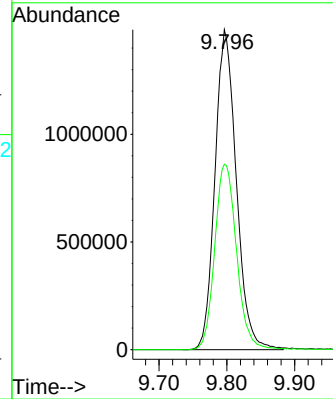
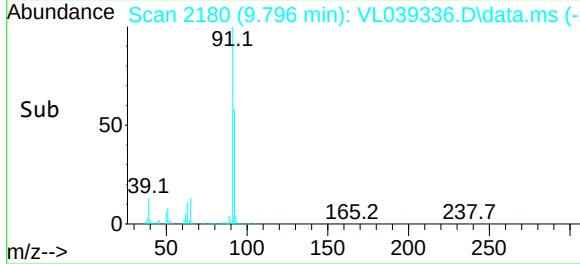
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



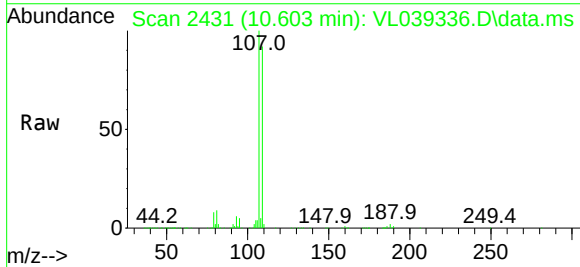
Tgt Ion: 91 Resp: 3252084
Ion Ratio Lower Upper
91 100
92 59.6 48.1 72.1

Manual Integrations
APPROVED

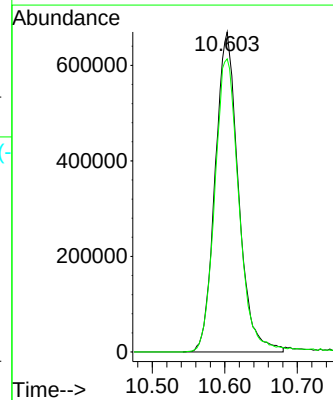
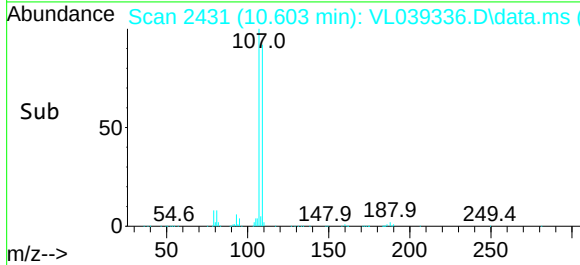
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

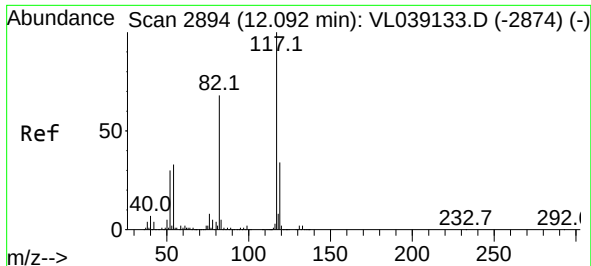


#54
1,2-Dibromoethane
Concen: 9.182 ppbv
RT: 10.603 min Scan# 2431
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



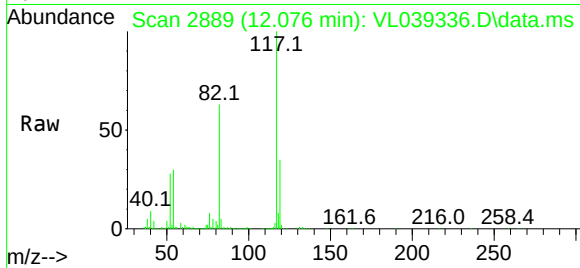
Tgt Ion:107 Resp: 1493365
Ion Ratio Lower Upper
107 100
109 91.6 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

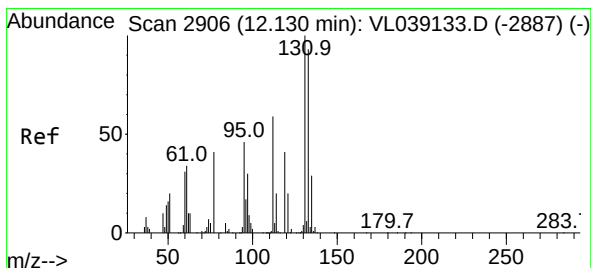
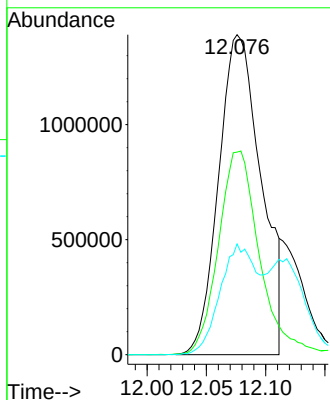
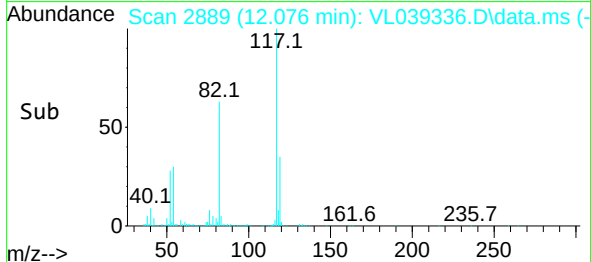
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



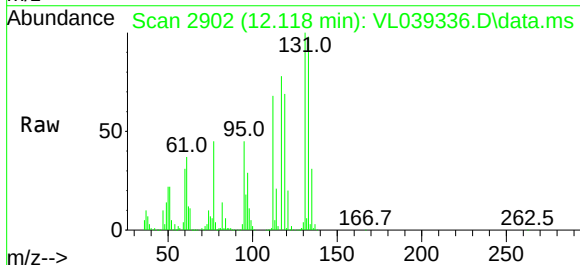
Tgt Ion:117 Resp: 347365
Ion Ratio Lower Upper
117 100
82 62.6 55.1 82.7
119 57.1 24.7 37.1

Manual Integrations
APPROVED

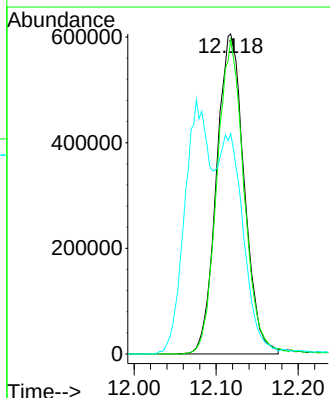
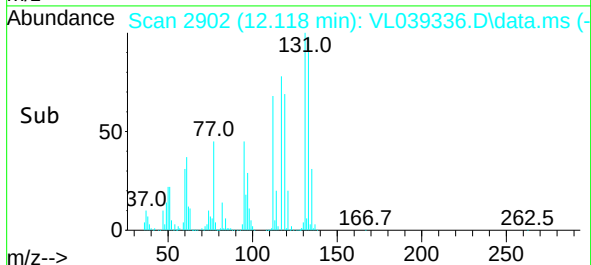
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

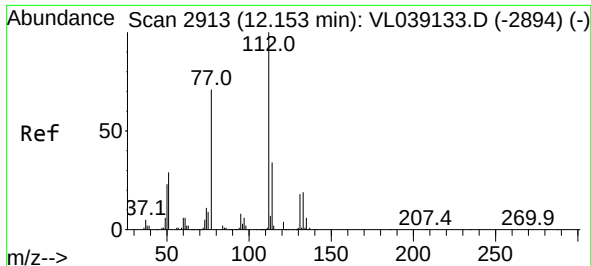


#56
1,1,1,2-Tetrachloroethane
Concen: 8.636 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



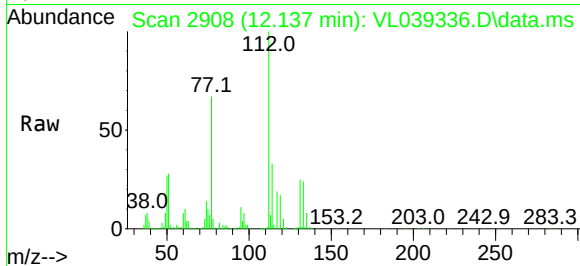
Tgt Ion:131 Resp: 1419535
Ion Ratio Lower Upper
131 100
133 96.6 78.6 117.8
119 64.1 51.7 77.5





#57
Chlorobenzene
Concen: 9.178 ppbv
RT: 12.137 min Scan# 2913
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

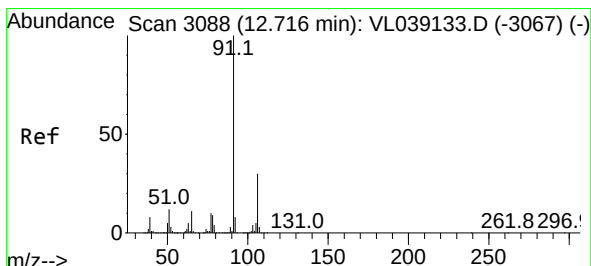
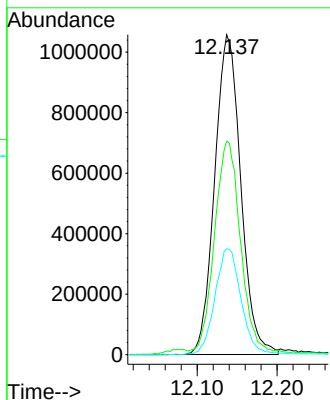
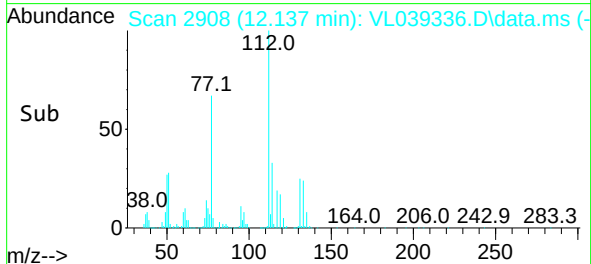
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



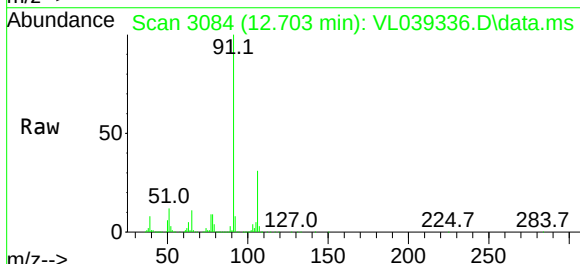
Tgt Ion:112 Resp: 2398786
Ion Ratio Lower Upper
112 100
77 65.4 56.5 84.7
114 33.0 30.3 37.1

Manual Integrations
APPROVED

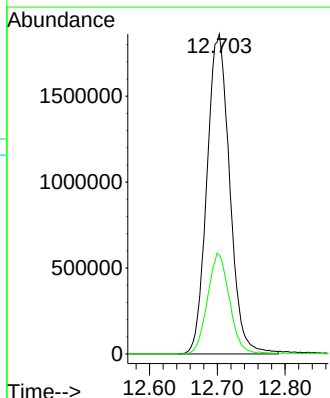
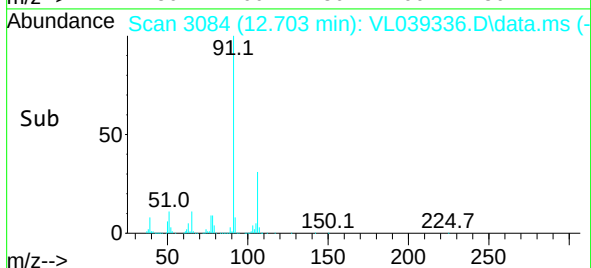
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

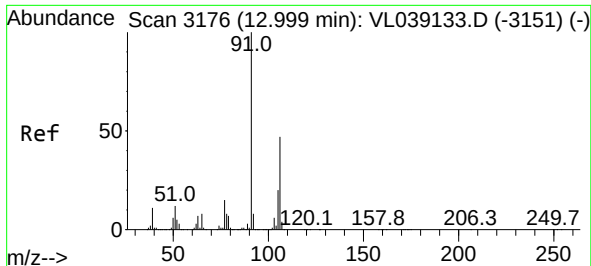


#58
Ethyl Benzene
Concen: 9.060 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion: 91 Resp: 4334961
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4





#59

m/p-Xylene

Concen: 17.415 ppbv

RT: 12.986 min Scan# 3176

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 733793

Ion Ratio Lower Upper

91 100

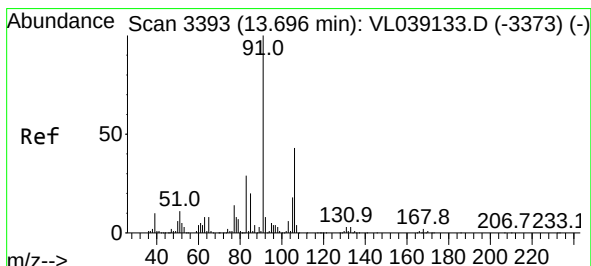
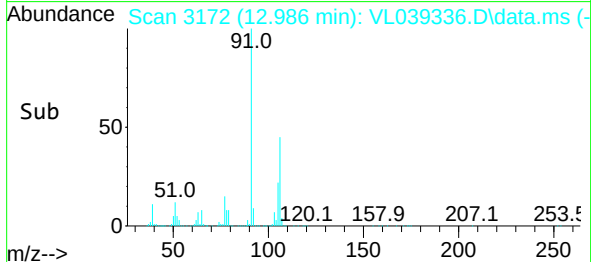
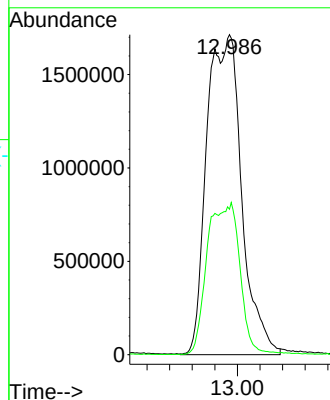
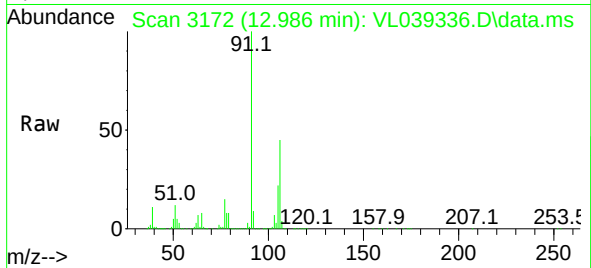
106 44.8 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#60

o-Xylene

Concen: 8.885 ppbv

RT: 13.684 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039336.D

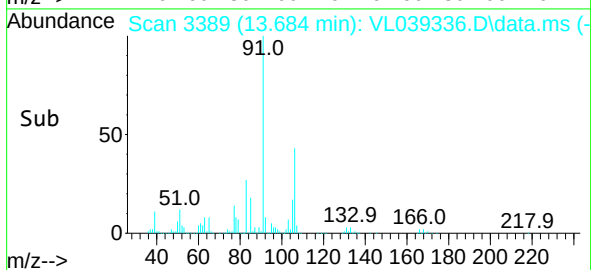
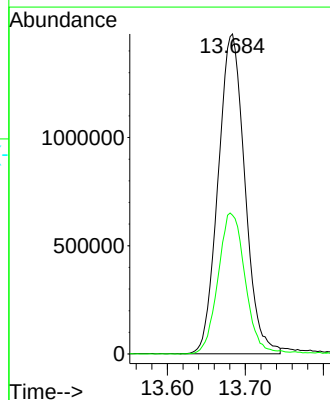
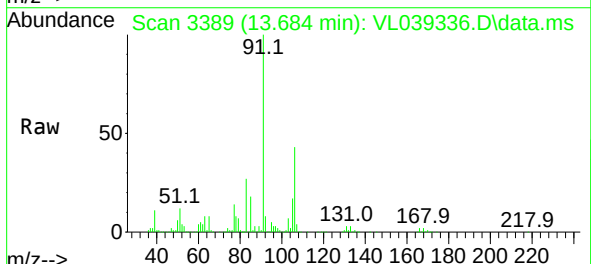
Acq: 24 Jun 2022 10:11

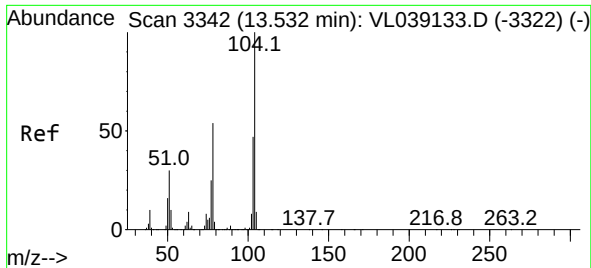
Tgt Ion: 91 Resp: 3518003

Ion Ratio Lower Upper

91 100

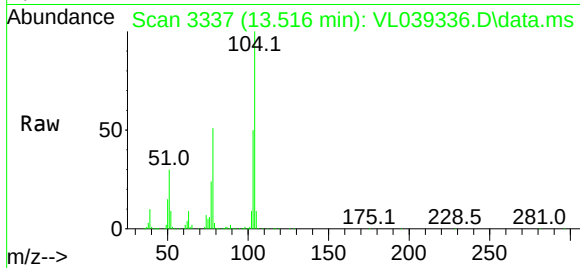
106 45.6 22.3 66.9





#61
Styrene
Concen: 9.876 ppbv
RT: 13.516 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

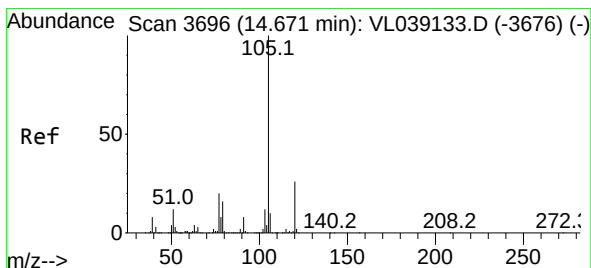
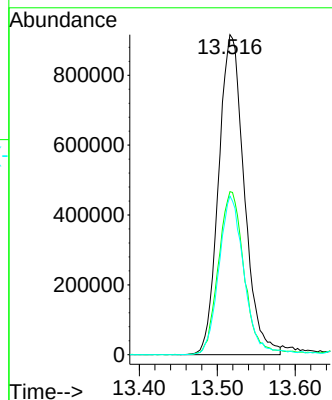
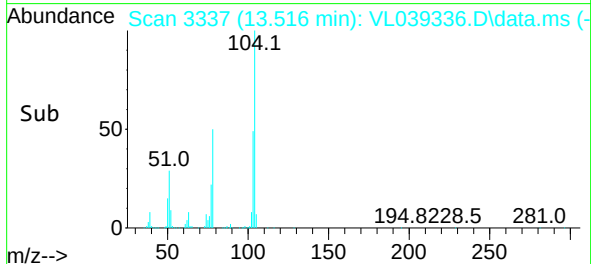
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



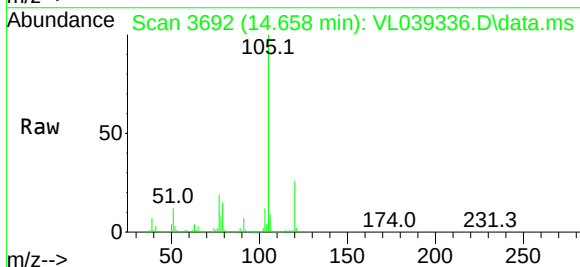
Tgt Ion:104 Resp: 2093949
Ion Ratio Lower Upper
104 100
78 52.0 45.7 68.5
103 49.2 39.6 59.4

Manual Integrations
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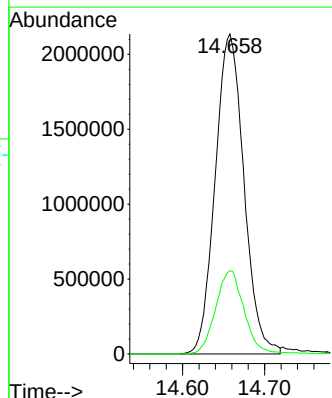
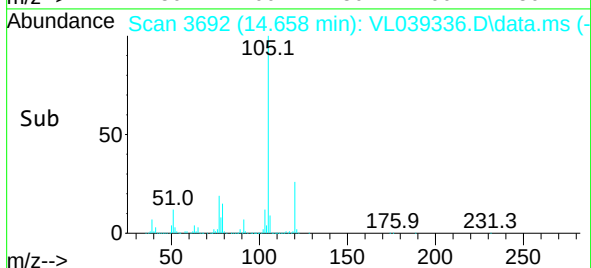
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

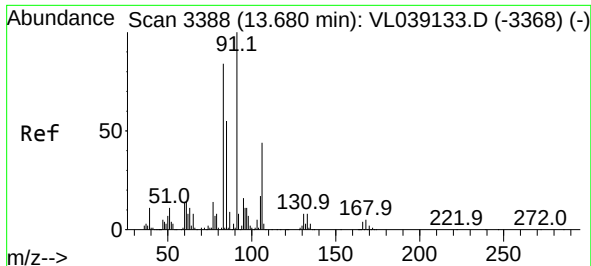


#62
Isopropylbenzene
Concen: 8.841 ppbv
RT: 14.658 min Scan# 3692
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



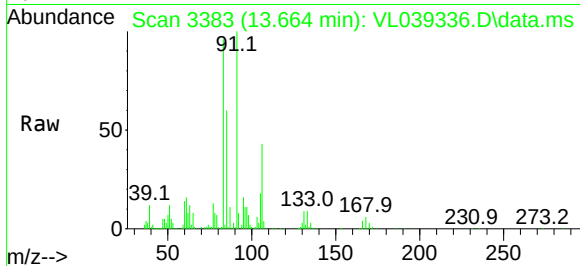
Tgt Ion:105 Resp: 5202832
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.957 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

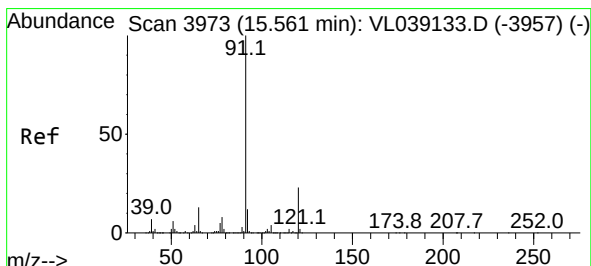
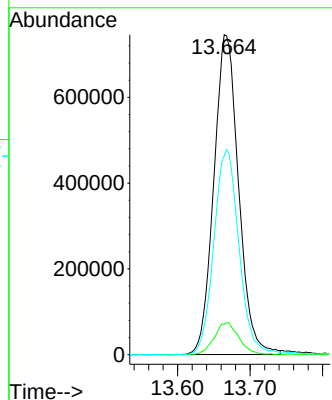
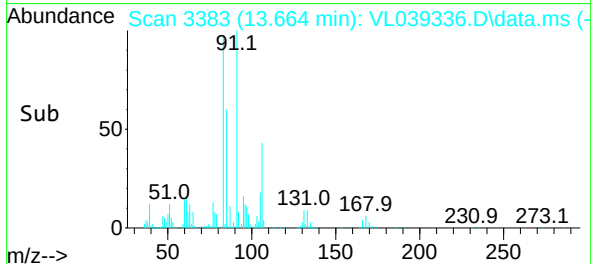
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1768248
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.6 33.0 99.0

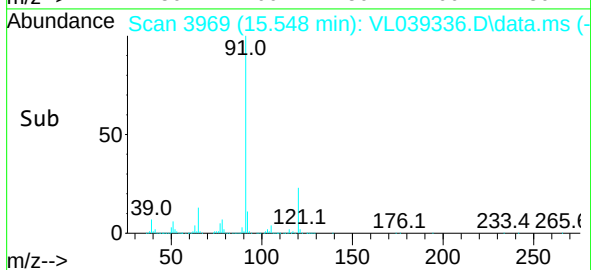
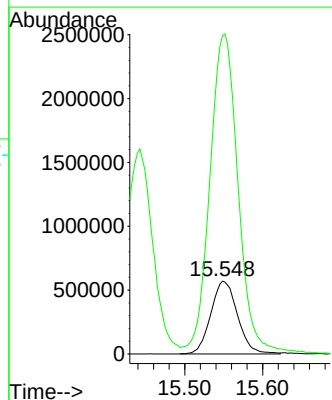
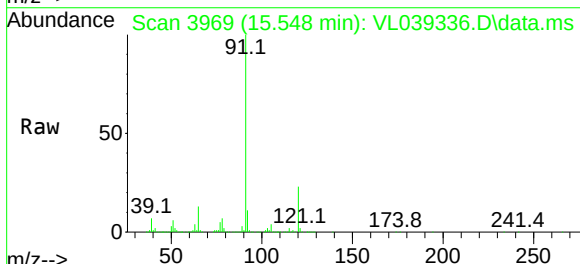
Manual Integrations
APPROVED

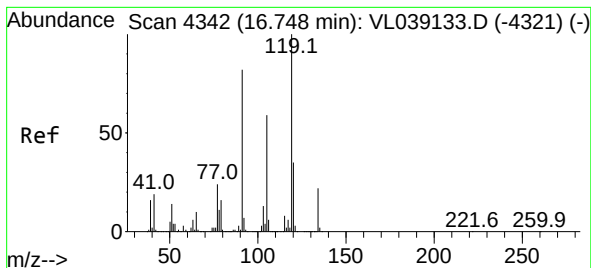
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
n-propylbenzene
Concen: 9.388 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

Tgt Ion:120 Resp: 1358028
Ion Ratio Lower Upper
120 100
91 467.4 388.4 582.6





#65

tert-Butylbenzene

Concen: 8.855 ppbv

RT: 16.735 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 4764800

Ion Ratio Lower Upper

119 100

91 79.4 67.1 100.7

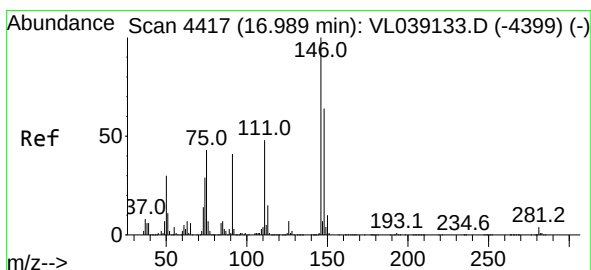
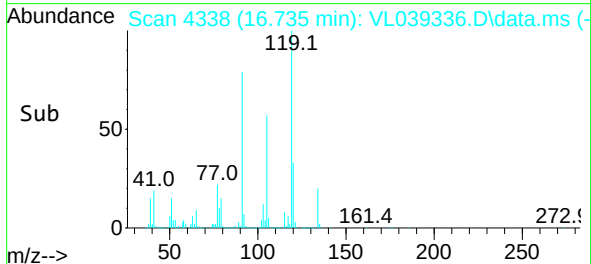
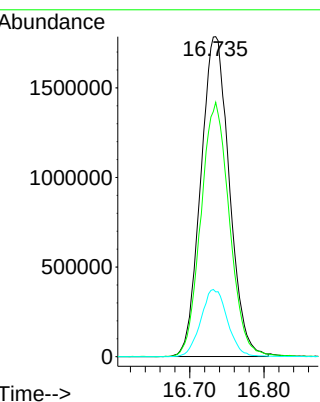
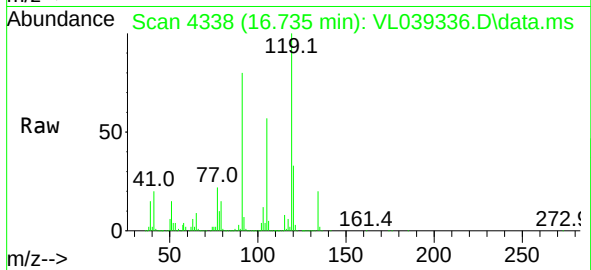
134 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#66

Benzyl Chloride

Concen: 7.369 ppbv

RT: 16.979 min Scan# 4414

Delta R.T. -0.010 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

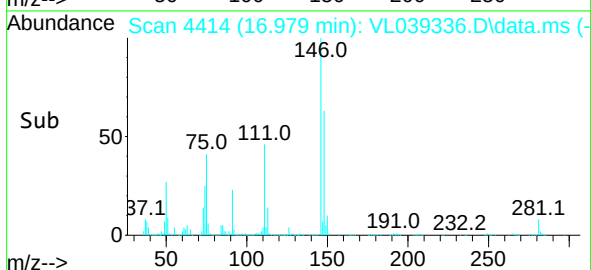
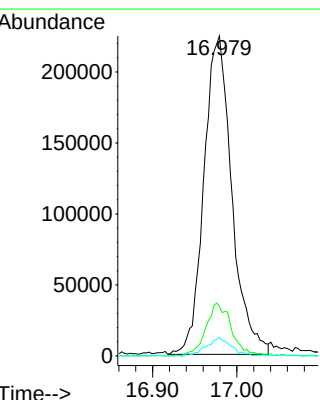
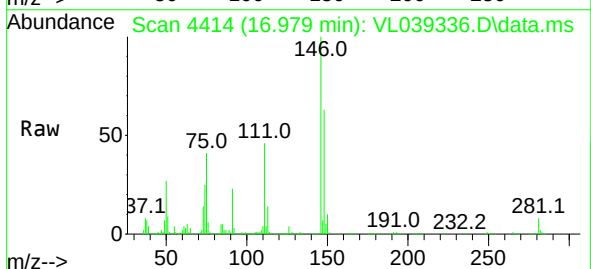
Tgt Ion: 91 Resp: 515571

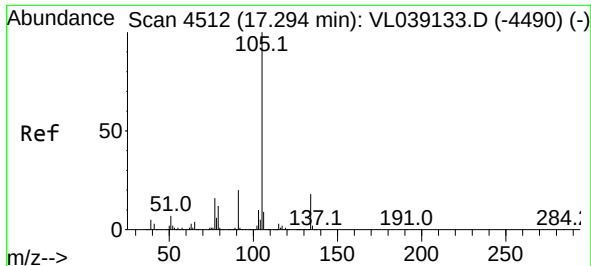
Ion Ratio Lower Upper

91 100

126 15.5 13.4 20.0

128 5.3 4.1 6.1





#67

sec-Butylbenzene

Concen: 8.846 ppbv

RT: 17.281 min Scan# 4512

Delta R.T. -0.013 min

Lab File: VL039336.D

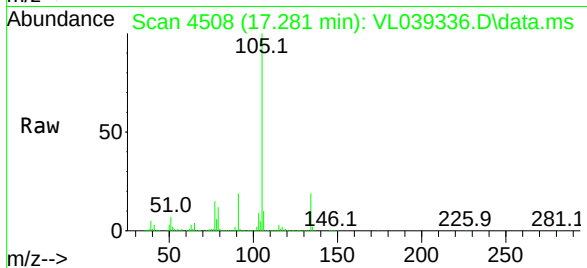
Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 6494780

Ion Ratio Lower Upper

105 100

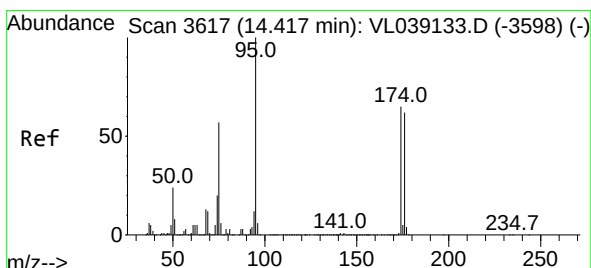
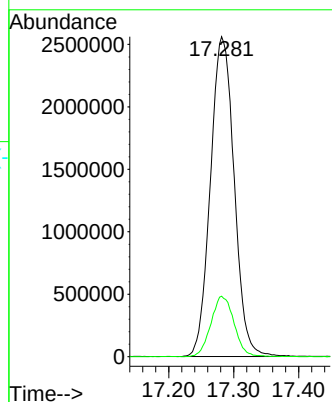
134 18.5 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 8.904 ppbv

RT: 14.404 min Scan# 3613

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

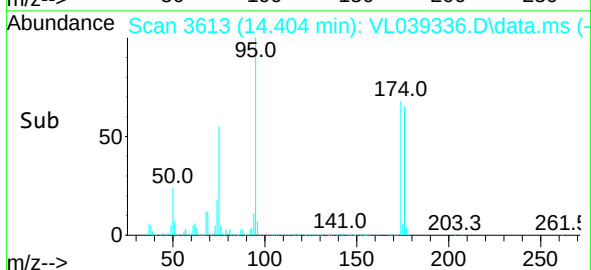
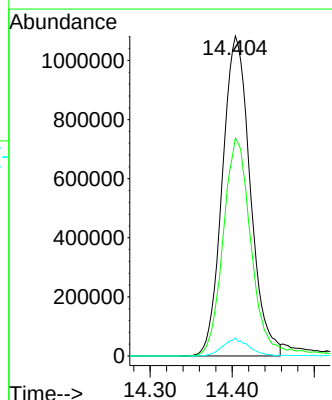
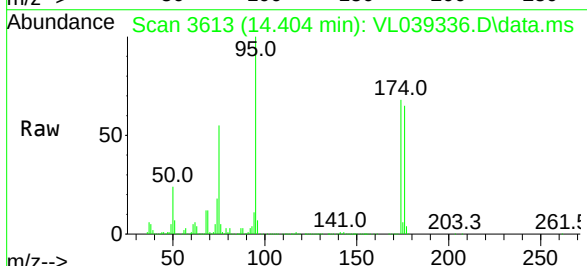
Tgt Ion: 95 Resp: 2556999

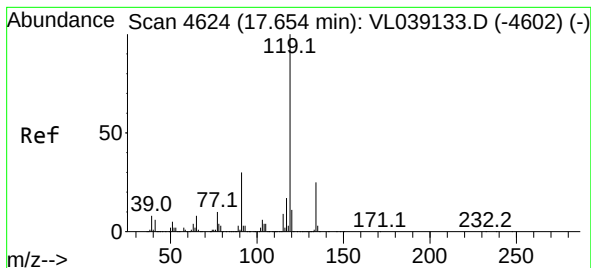
Ion Ratio Lower Upper

95 100

174 70.1 53.8 80.8

175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.087 ppbv

RT: 17.638 min Scan# 4619

Delta R.T. -0.016 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 5628739

Ion Ratio Lower Upper

119 100

134 25.3 20.4 30.6

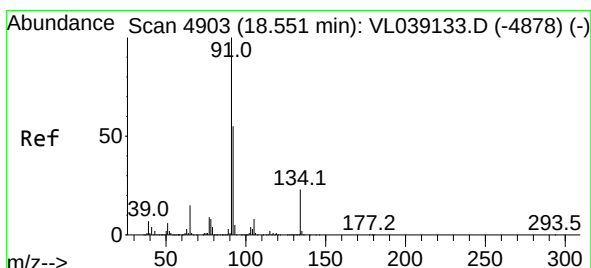
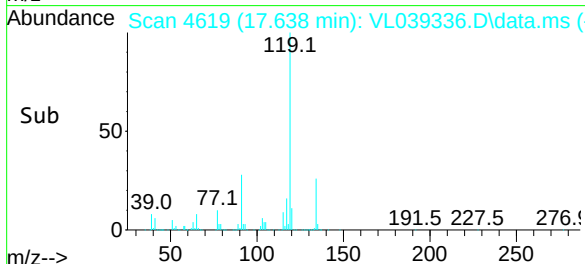
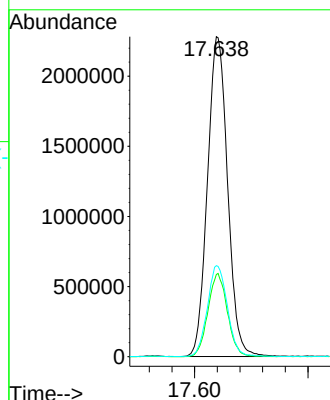
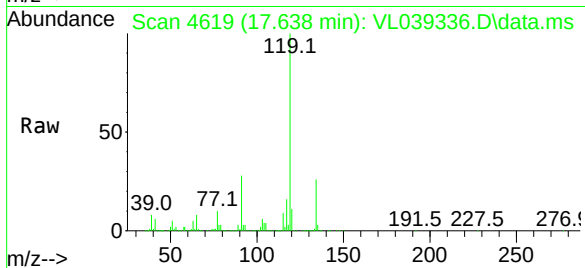
91 28.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#70

n-Butylbenzene

Concen: 8.733 ppbv

RT: 18.535 min Scan# 4898

Delta R.T. -0.016 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

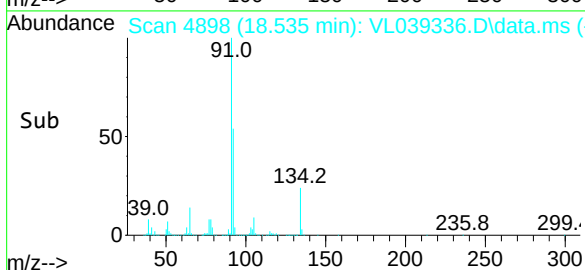
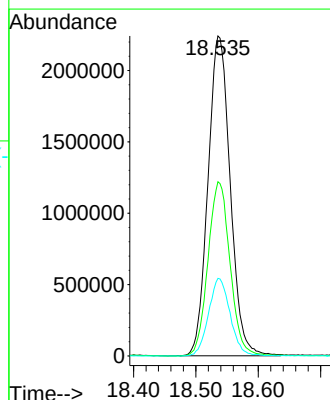
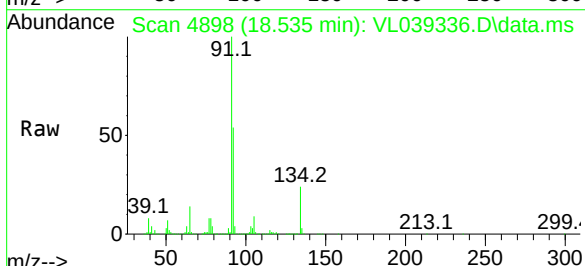
Tgt Ion: 91 Resp: 5552538

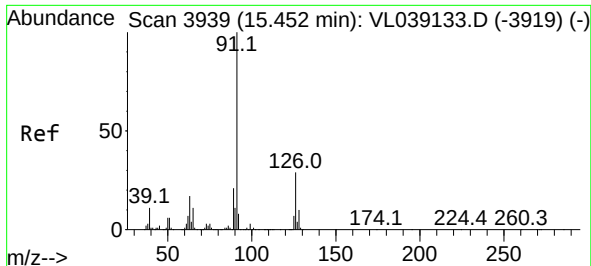
Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

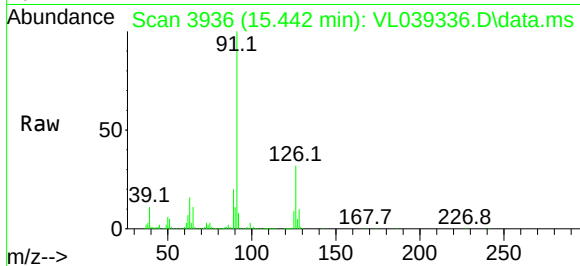
134 23.7 17.7 26.5





#71
2-Chlorotoluene
Concen: 8.539 ppbv
RT: 15.442 min Scan# 3919
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

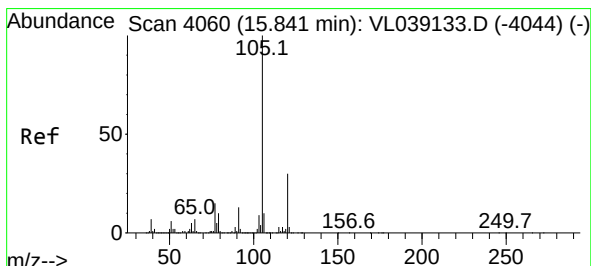
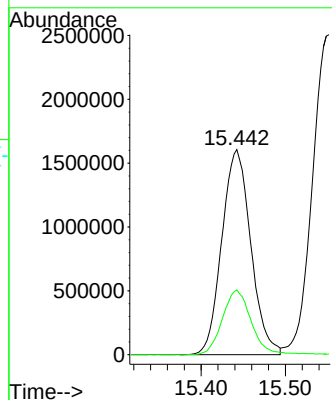
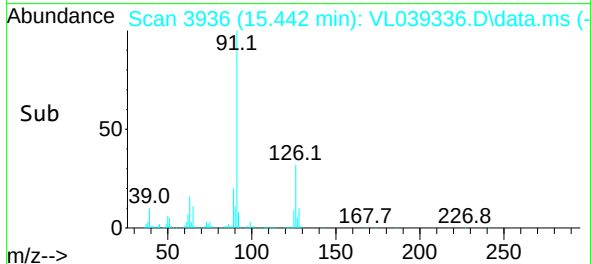
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



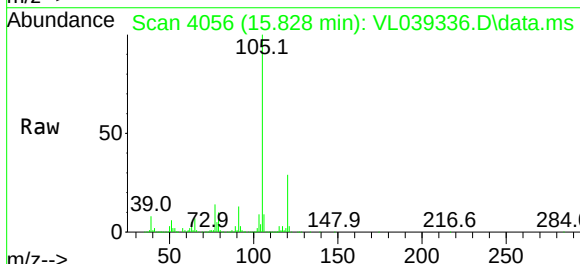
Tgt Ion: 91 Resp: 3831730
Ion Ratio Lower Upper
91 100
126 32.0 12.2 48.6

Manual Integrations
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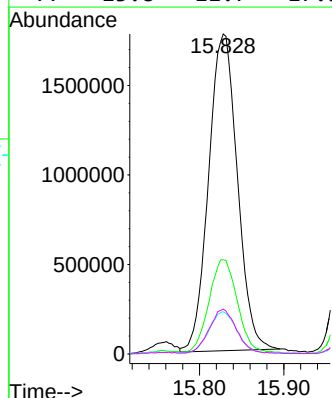
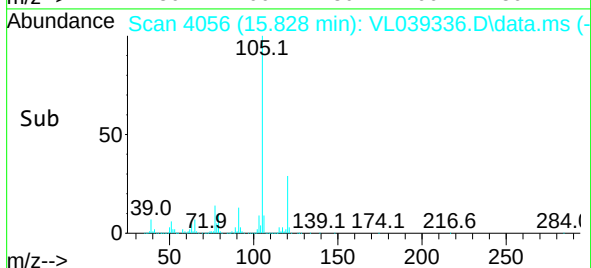
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

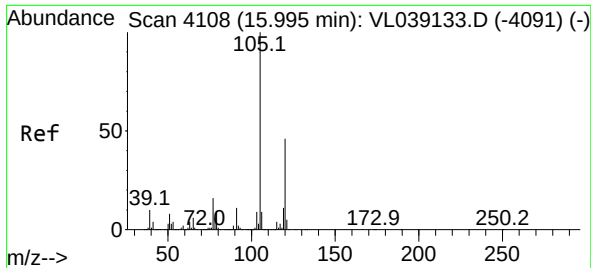


#72
4-Ethyltoluene
Concen: 9.042 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.013 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion:105 Resp: 4195736
Ion Ratio Lower Upper
105 100
120 30.2 23.9 35.9
91 13.1 10.6 16.0
77 13.8 11.7 17.5





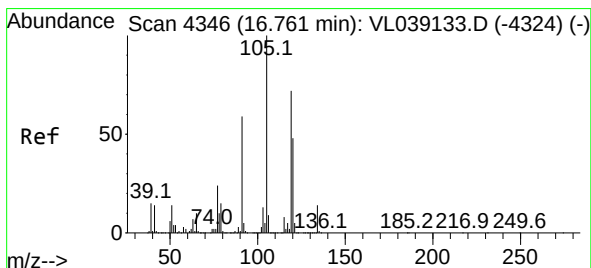
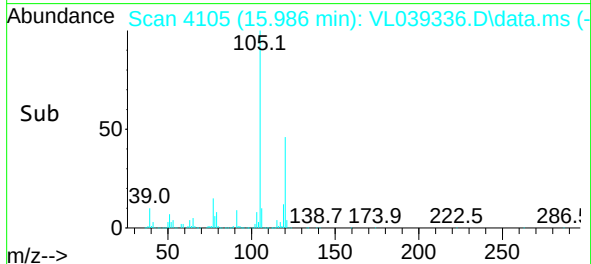
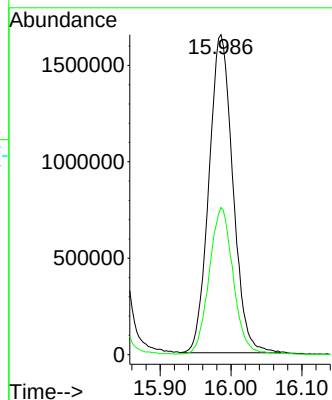
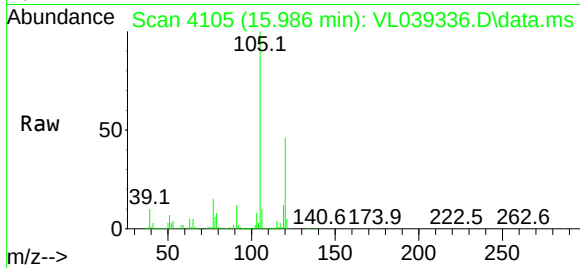
#73
 1,3,5-Trimethylbenzene
 Concen: 9.237 ppbv
 RT: 15.986 min Scan# 4108
 Delta R.T. -0.010 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 3866200
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.7 55.1

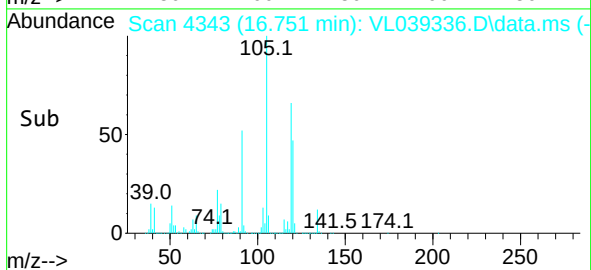
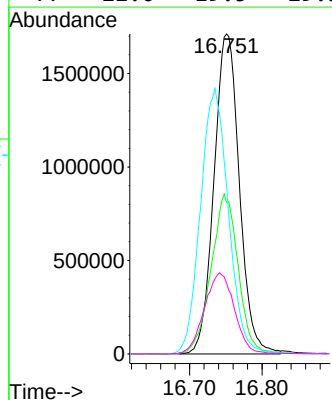
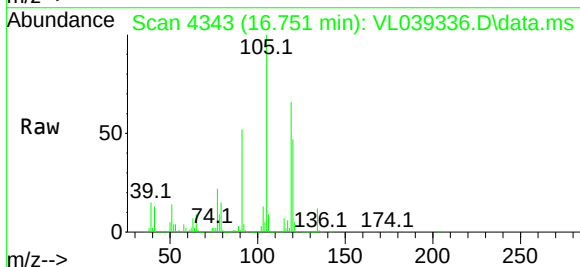
Manual Integrations
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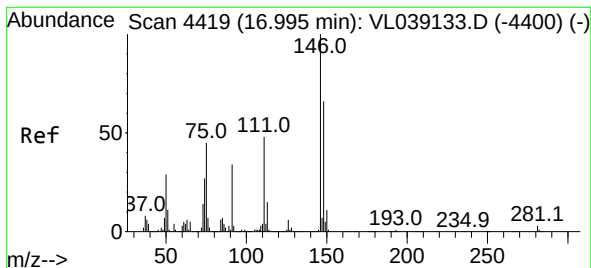
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 8.908 ppbv
 RT: 16.751 min Scan# 4343
 Delta R.T. -0.010 min
 Lab File: VL039336.D
 Acq: 24 Jun 2022 10:11

Tgt Ion:105 Resp: 4160732
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.1 57.1
 91 52.0 47.4 71.0
 77 22.0 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.308 ppbv

RT: 16.982 min Scan# 4415

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2460628

Ion Ratio Lower Upper

146 100

111 45.4 23.8 71.4

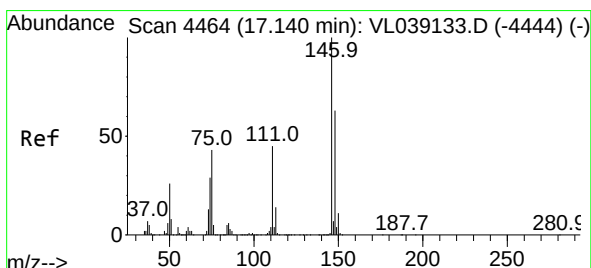
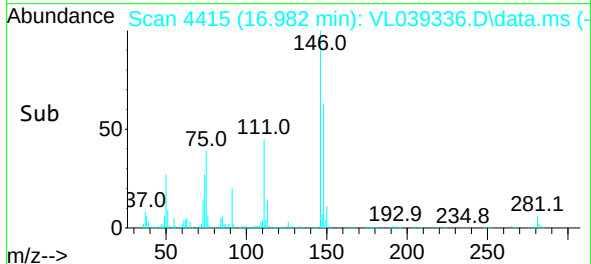
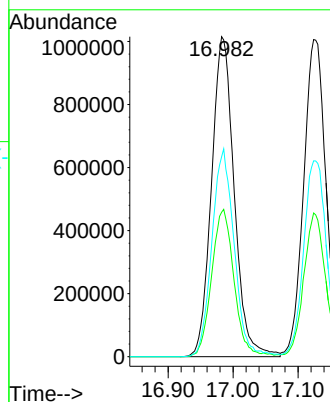
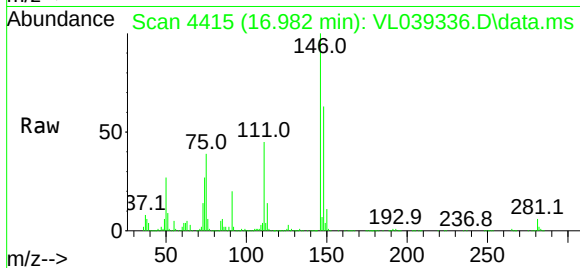
148 63.8 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#76

1,4-Dichlorobenzene

Concen: 9.051 ppbv

RT: 17.124 min Scan# 4459

Delta R.T. -0.016 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

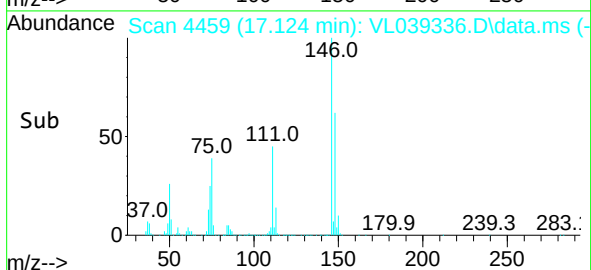
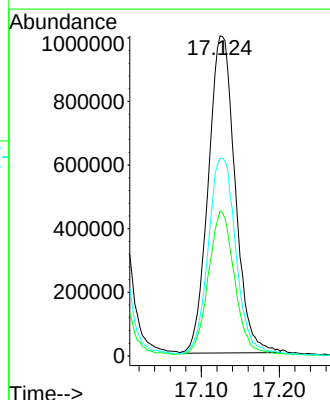
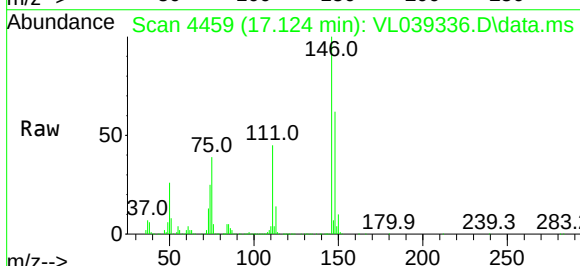
Tgt Ion:146 Resp: 2387271

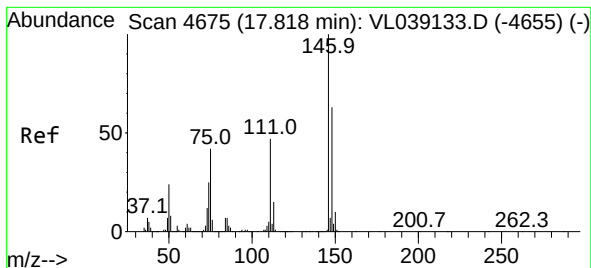
Ion Ratio Lower Upper

146 100

111 45.2 23.6 71.0

148 65.3 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 8.916 ppbv

RT: 17.806 min Scan# 40

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 237562

Ion Ratio Lower Upper

146 100

111 47.8 24.4 73.4

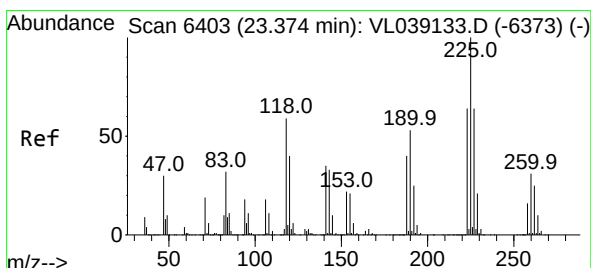
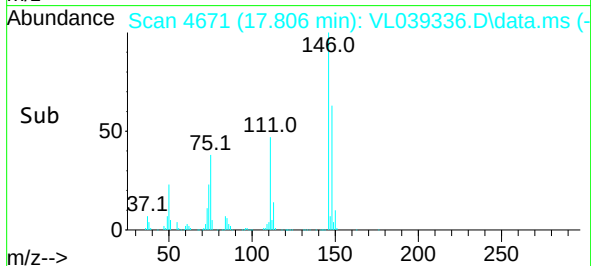
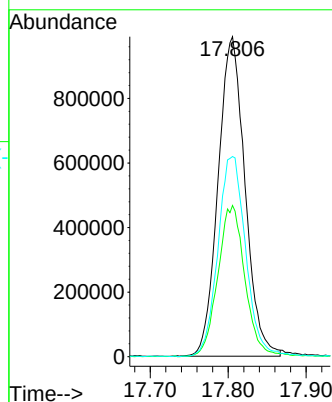
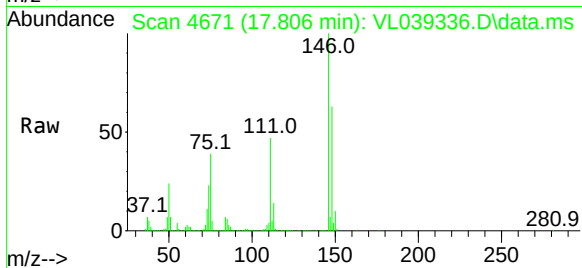
148 65.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.341 ppbv

RT: 23.362 min Scan# 6399

Delta R.T. -0.013 min

Lab File: VL039336.D

Acq: 24 Jun 2022 10:11

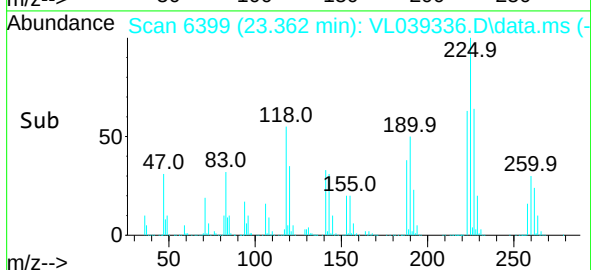
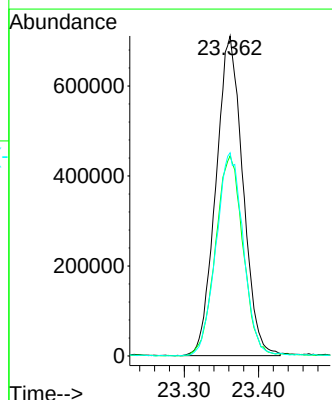
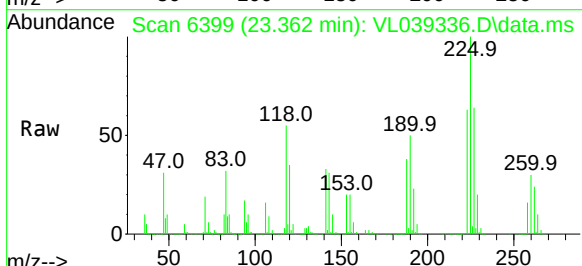
Tgt Ion:225 Resp: 1788660

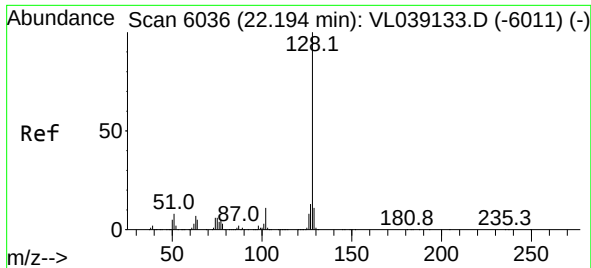
Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.0

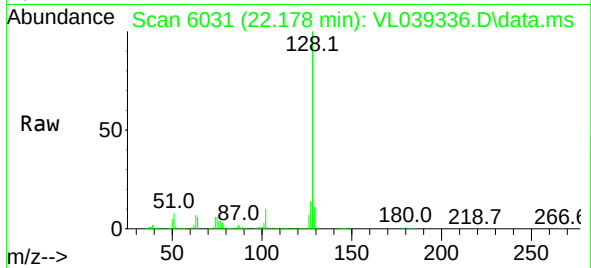
227 64.6 50.6 75.8





#79
Naphthalene
Concen: 9.841 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11

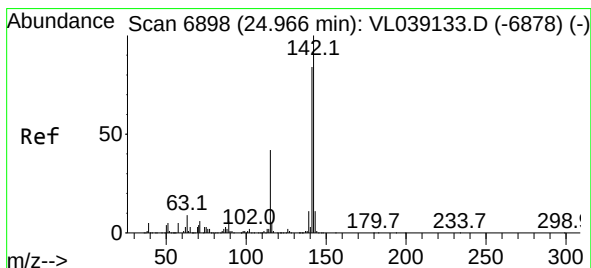
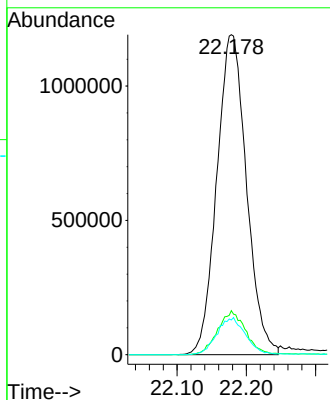
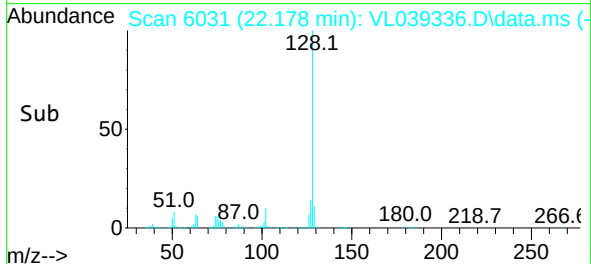
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



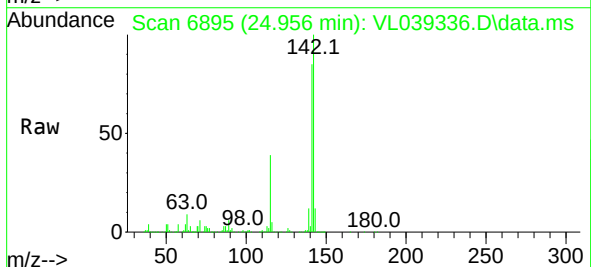
Tgt Ion:128 Resp: 353825
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
APPROVED

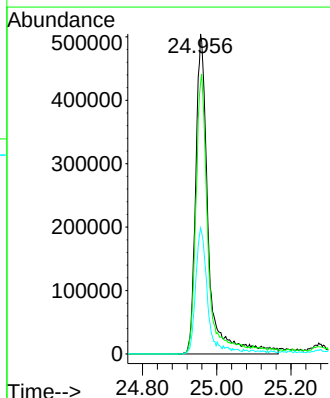
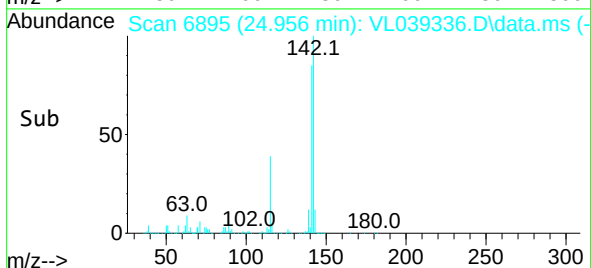
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

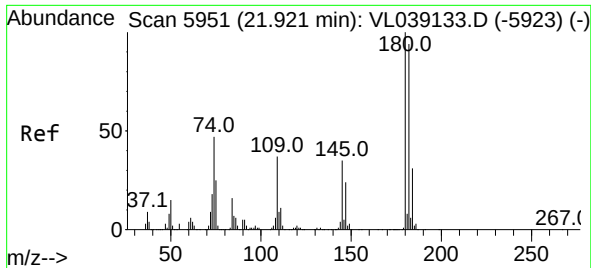


#80
Naphthalene,2-methyl-
Concen: 8.929 ppbv
RT: 24.956 min Scan# 6895
Delta R.T. -0.010 min
Lab File: VL039336.D
Acq: 24 Jun 2022 10:11



Tgt Ion:142 Resp: 1192755
Ion Ratio Lower Upper
142 100
141 82.3 64.6 96.8
115 37.9 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 9.016 ppbv m

RT: 21.915 min Scan# 5949

Delta R.T. -0.006 min

Lab File: VL039336.D

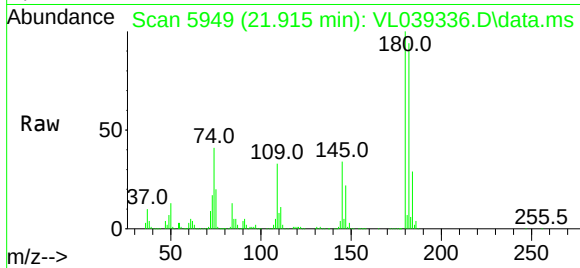
Acq: 24 Jun 2022 10:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 2053674

Ion Ratio Lower Upper

180 100

182 96.4 0.0 0.0

184 30.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022

