

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019621.D
 Acq On : 19 Sep 2024 09:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
 Supervised By :Semsettin Yesilyurt 09/20/2024

Quant Time: Sep 20 01:25:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	362445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	632522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	531133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	248166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	175189	52.199	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	104.400%	
35) Dibromofluoromethane	7.634	113	181412	50.585	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	101.160%	
50) Toluene-d8	10.109	98	676822	51.024	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	102.040%	
62) 4-Bromofluorobenzene	12.408	95	234017	45.882	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	91.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	86538	43.120	ug/l	100
3) Chloromethane	2.074	50	142746	47.602	ug/l	97
4) Vinyl Chloride	2.208	62	175795	54.214	ug/l	100
5) Bromomethane	2.598	94	119637	60.066	ug/l	97
6) Chloroethane	2.739	64	122099	57.601	ug/l	98
7) Trichlorofluoromethane	3.062	101	292364	54.089	ug/l	97
8) Diethyl Ether	3.458	74	84125	46.366	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.818	101	179814	53.777	ug/l	94
10) Methyl Iodide	4.007	142	186207	43.435	ug/l	91
11) Tert butyl alcohol	4.860	59	63239	233.323	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	163689	50.903	ug/l	87
13) Acrolein	3.659	56	21951	163.260	ug/l	96
14) Allyl chloride	4.385	41	281402	48.798	ug/l	# 94
15) Acrylonitrile	5.055	53	183836	234.985	ug/l	98
16) Acetone	3.866	43	239027	298.950	ug/l	# 86
17) Carbon Disulfide	4.110	76	431119	49.621	ug/l	99
18) Methyl Acetate	4.385	43	93695	43.181	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	438221	48.116	ug/l	100
20) Methylene Chloride	4.616	84	176077	48.288	ug/l	# 86
21) trans-1,2-Dichloroethene	5.110	96	181918	51.613	ug/l	93
22) Diisopropyl ether	6.012	45	593402	50.110	ug/l	91
23) Vinyl Acetate	5.957	43	1651717	244.192	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	350017	52.673	ug/l	97
25) 2-Butanone	6.890	43	292244	256.992	ug/l	# 88
26) 2,2-Dichloropropane	6.884	77	327950	54.713	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	220175	51.425	ug/l	87
28) Bromochloromethane	7.244	49	153080	54.751	ug/l	83
29) Tetrahydrofuran	7.262	42	154960	224.119	ug/l	87
30) Chloroform	7.421	83	361022	53.220	ug/l	100
31) Cyclohexane	7.701	56	293149	48.806	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	329508	54.193	ug/l	97
36) 1,1-Dichloropropene	7.835	75	254812	52.217	ug/l	97
37) Ethyl Acetate	6.982	43	112541	45.010	ug/l	97
38) Carbon Tetrachloride	7.817	117	288918	52.502	ug/l	99
39) Methylcyclohexane	9.109	83	325306	50.092	ug/l	93
40) Benzene	8.079	78	762736	50.746	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	60632	41.600	ug/l	89
42) 1,2-Dichloroethane	8.158	62	203722	50.371	ug/l	96
43) Isopropyl Acetate	8.195	43	232729	44.304	ug/l	91
44) Trichloroethene	8.865	130	193289	50.004	ug/l	98
45) 1,2-Dichloropropane	9.140	63	182246	49.597	ug/l	98
46) Dibromomethane	9.231	93	98397	48.968	ug/l	95
47) Bromodichloromethane	9.426	83	273518	50.637	ug/l	98
48) Methyl methacrylate	9.219	41	109019	43.948	ug/l	86
49) 1,4-Dioxane	9.231	88	20939	885.169	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	586646	221.983	ug/l	92
52) Toluene	10.170	92	498094	51.527	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	243463	47.283	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	291705	48.653	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	132916	47.899	ug/l	95
56) Ethyl methacrylate	10.444	69	191170	45.351	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	229726	48.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	485537	248.172	ug/l	97
59) 2-Hexanone	10.761	43	455554	235.126	ug/l	90
60) Dibromochloromethane	10.914	129	176695	48.136	ug/l	100
61) 1,2-Dibromoethane	11.018	107	120146	46.469	ug/l	99
64) Tetrachloroethene	10.652	164	165818	50.415	ug/l	97
65) Chlorobenzene	11.444	112	531412	50.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	182594	50.477	ug/l	99
67) Ethyl Benzene	11.524	91	973191	52.424	ug/l	100
68) m/p-Xylenes	11.633	106	728229	103.745	ug/l	94
69) o-Xylene	11.956	106	346596	50.489	ug/l	94
70) Styrene	11.969	104	583092	50.309	ug/l	97
71) Bromoform	12.133	173	96674	46.790	ug/l #	97
73) Isopropylbenzene	12.255	105	947983	52.655	ug/l	99
74) N-amyl acetate	12.072	43	214723	43.853	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	151227	47.324	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	115058m	49.465	ug/l	
77) Bromobenzene	12.536	156	195675	49.005	ug/l	91
78) n-propylbenzene	12.597	91	1129889	52.949	ug/l	99
79) 2-Chlorotoluene	12.682	91	633336	50.928	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	750862	51.302	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	51218	42.271	ug/l	90
82) 4-Chlorotoluene	12.779	91	638811	49.965	ug/l	98
83) tert-Butylbenzene	12.999	119	686822	51.835	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	738688	50.987	ug/l	98
85) sec-Butylbenzene	13.176	105	1015176	52.740	ug/l	99
86) p-Isopropyltoluene	13.292	119	823794	52.309	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	392366	50.570	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	387363	50.306	ug/l	96
89) n-Butylbenzene	13.621	91	790162	52.483	ug/l	99
90) Hexachloroethane	13.883	117	166220	50.726	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	337632	48.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	23012	43.208	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	187746	44.584	ug/l	98
94) Hexachlorobutadiene	15.023	225	103841	46.159	ug/l	99
95) Naphthalene	15.145	128	349608	41.457	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	155375	43.136	ug/l	98

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ClientSampleId :
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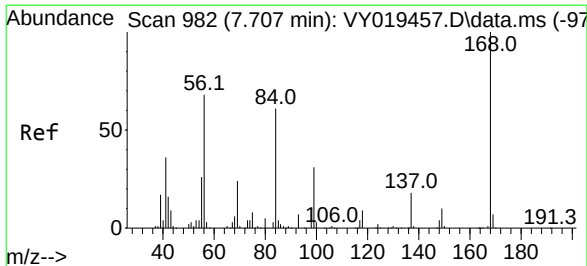
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

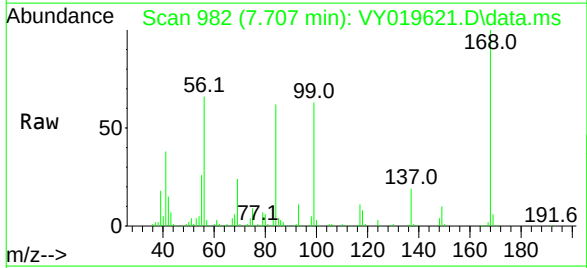
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

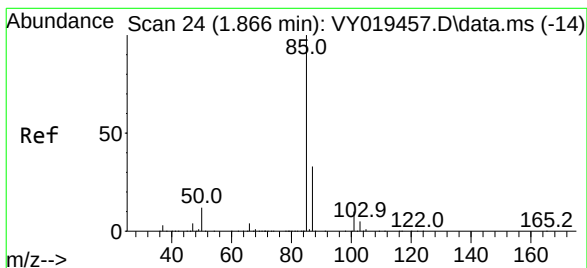
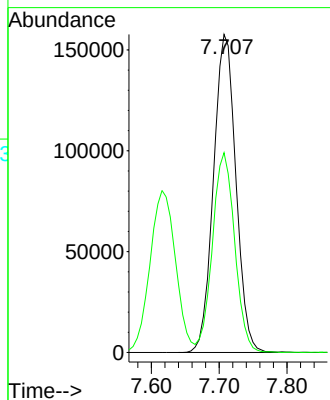
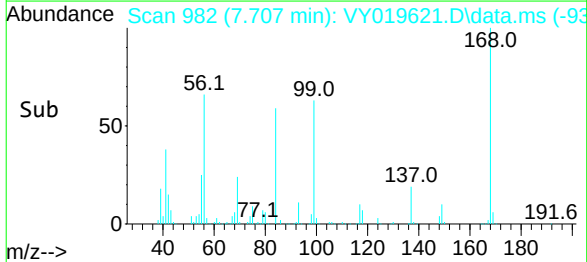
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 362445
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#

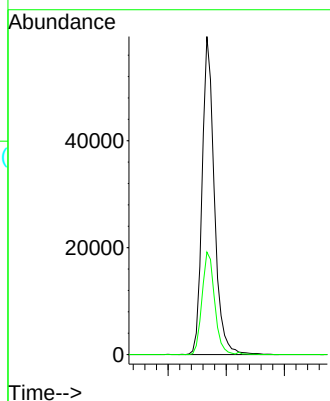
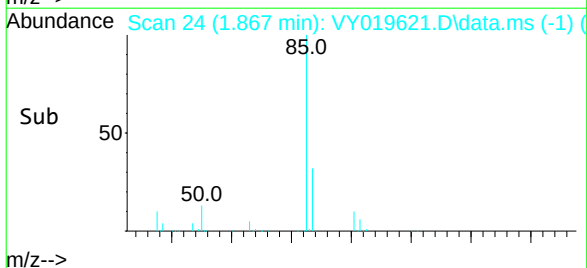
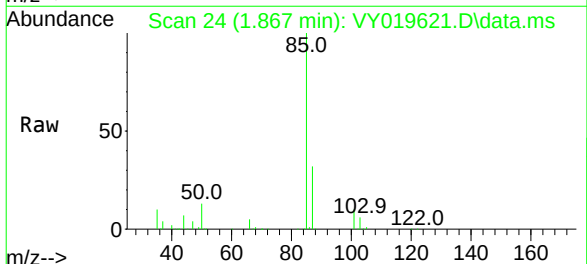
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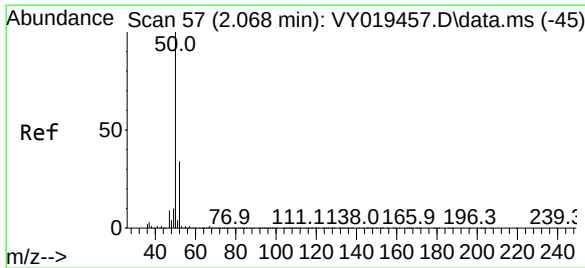
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#2
Dichlorodifluoromethane
Concen: 43.120 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

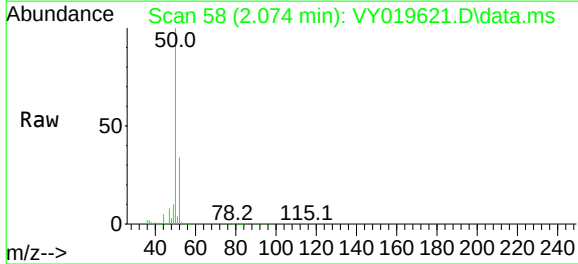
Tgt Ion: 85 Resp: 86538
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3
Chloromethane
Concen: 47.602 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

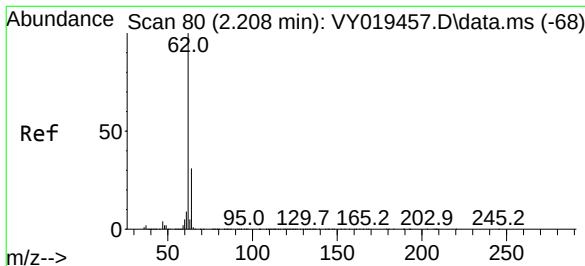
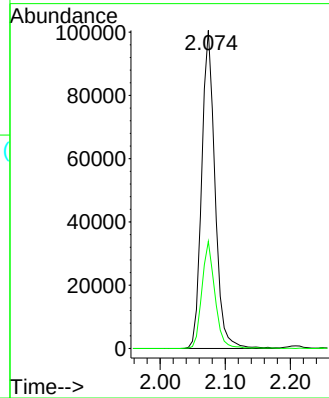
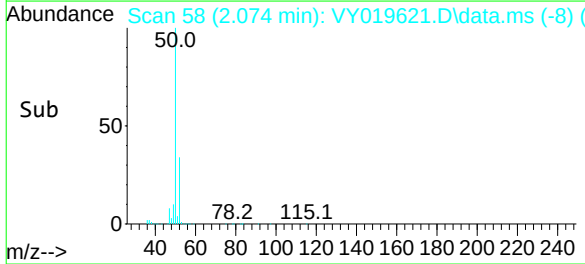
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 142746
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4

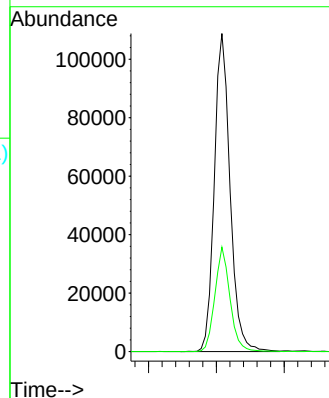
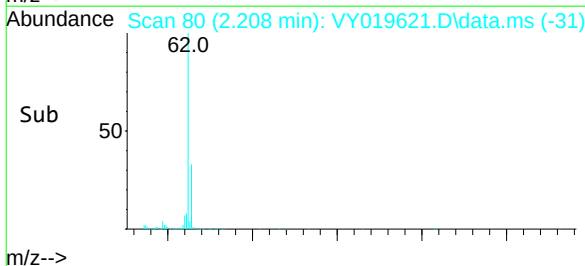
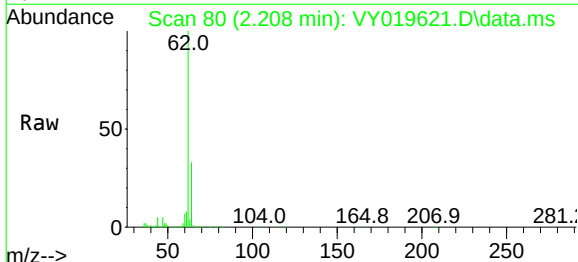
Manual Integrations
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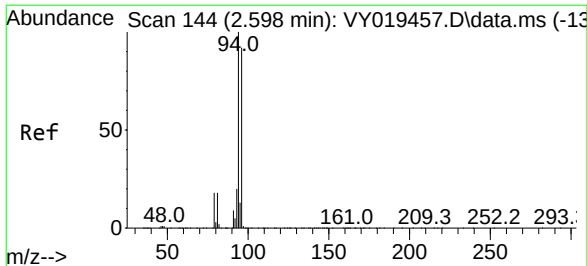
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#4
Vinyl Chloride
Concen: 54.214 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

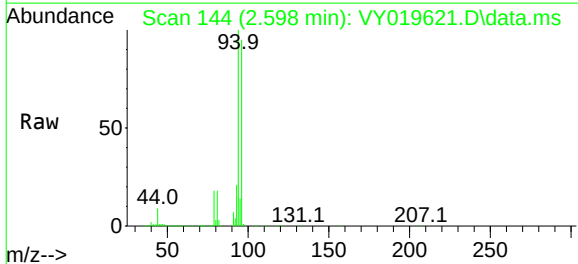
Tgt Ion: 62 Resp: 175795
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1





#5
Bromomethane
Concen: 60.066 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

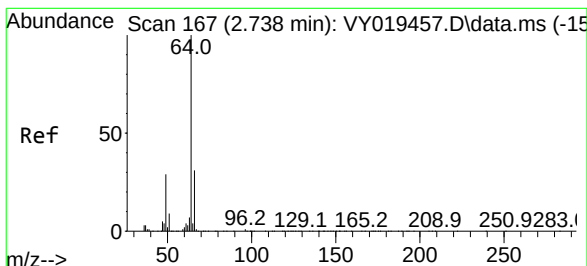
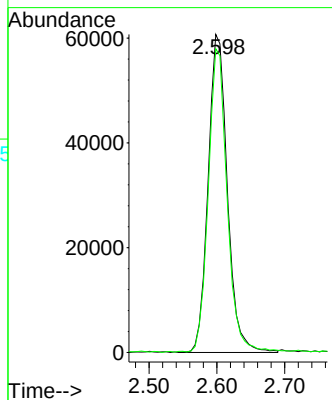
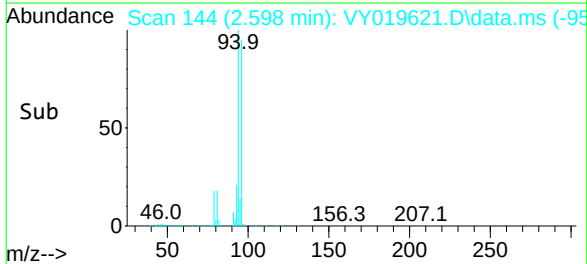
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



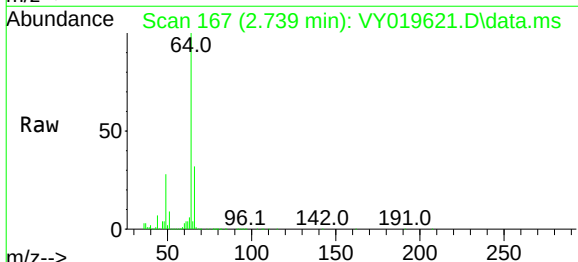
Tgt Ion: 94 Resp: 119637
Ion Ratio Lower Upper
94 100
96 95.2 74.1 111.1

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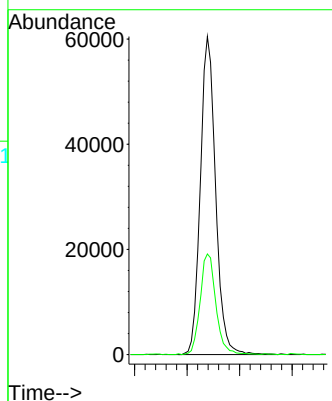
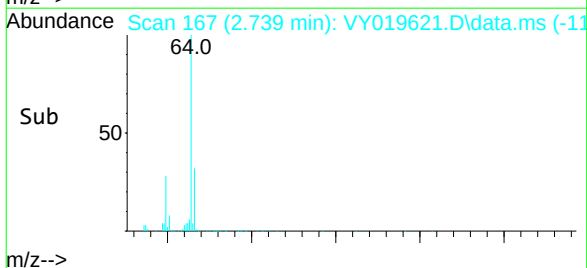
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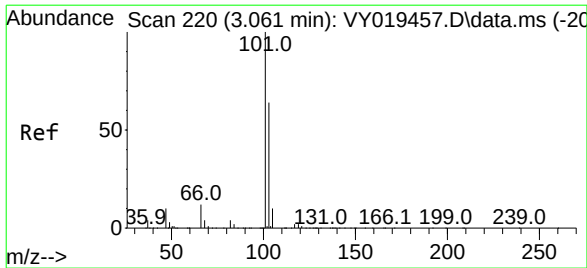


#6
Chloroethane
Concen: 57.601 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion: 64 Resp: 122099
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





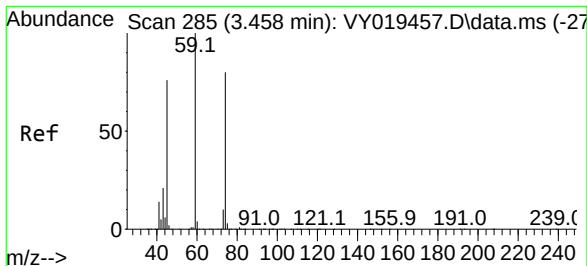
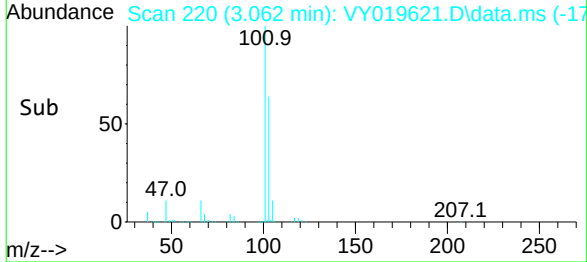
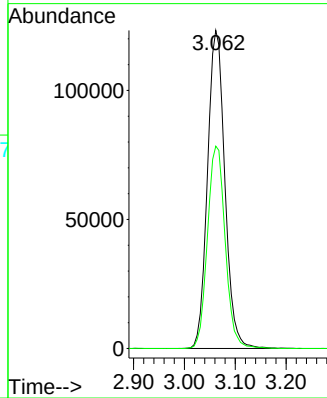
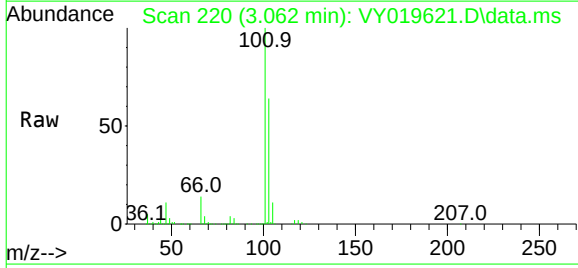
#7
Trichlorofluoromethane
Concen: 54.089 ug/l
RT: 3.062 min Scan# 220
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 292364
Ion Ratio Lower Upper
101 100
103 63.6 49.3 73.9

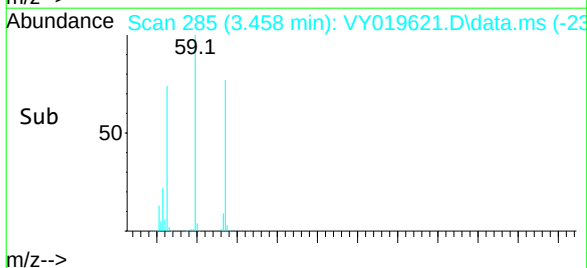
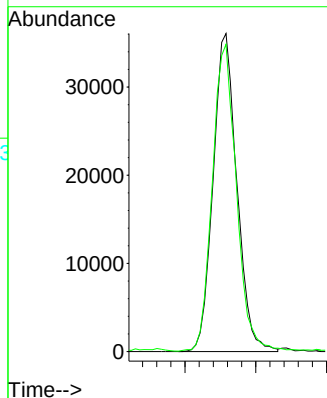
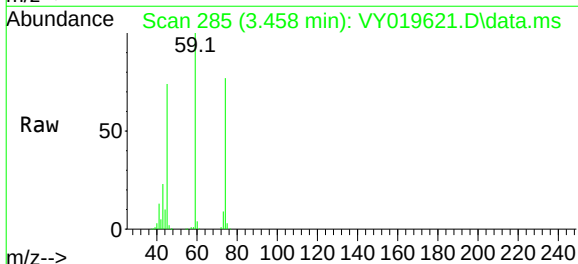
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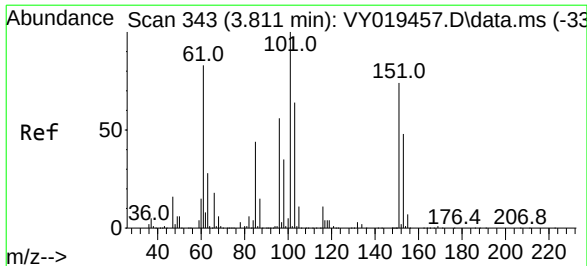
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#8
Diethyl Ether
Concen: 46.366 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

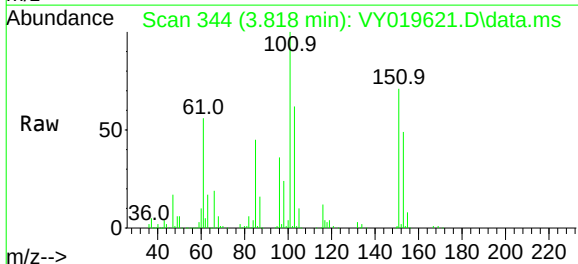
Tgt Ion: 74 Resp: 84125
Ion Ratio Lower Upper
74 100
45 97.6 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.777 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019621.D
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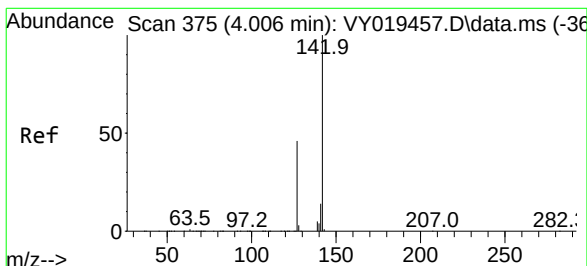
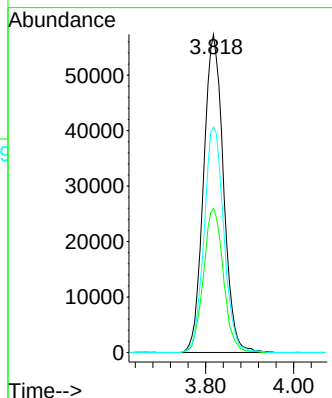
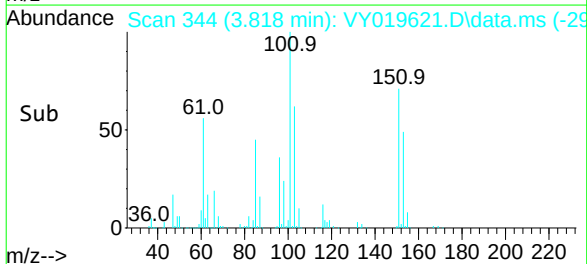
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 179814
Ion Ratio Lower Upper
101 100
85 45.4 34.5 51.7
151 70.7 61.7 92.5

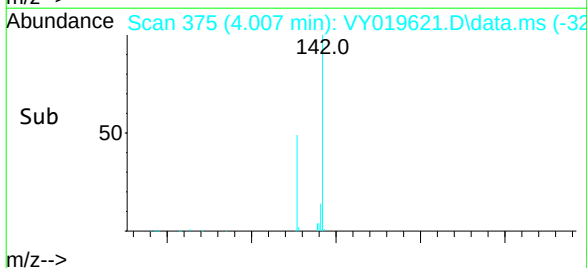
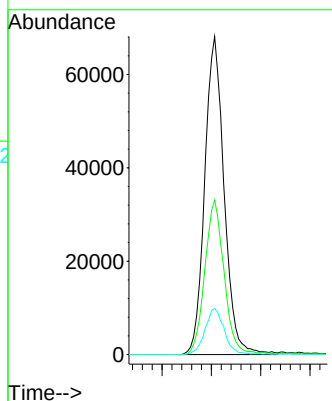
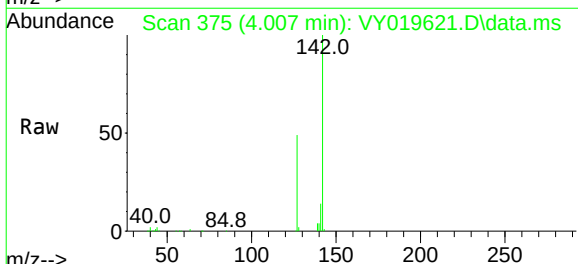
Manual Integrations
APPROVED

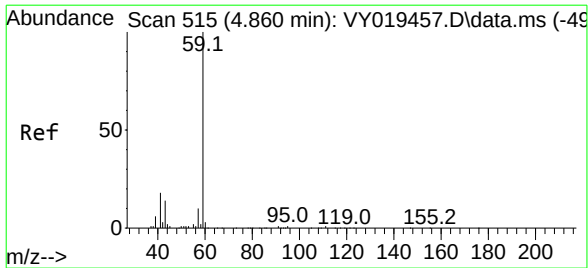
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#10
Methyl Iodide
Concen: 43.435 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:142 Resp: 186207
Ion Ratio Lower Upper
142 100
127 48.4 32.8 49.2
141 14.3 11.4 17.2





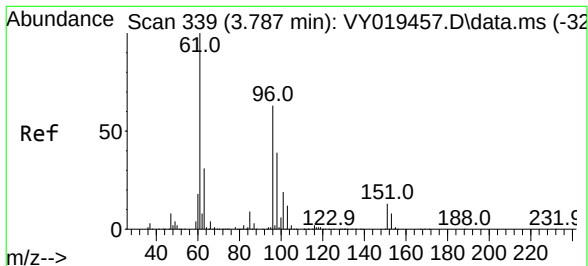
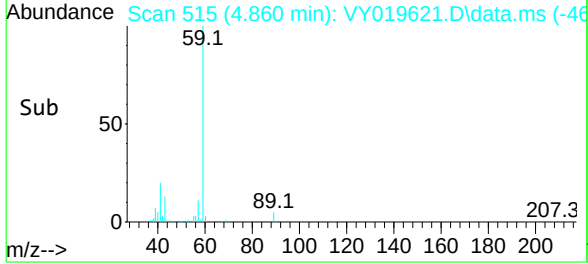
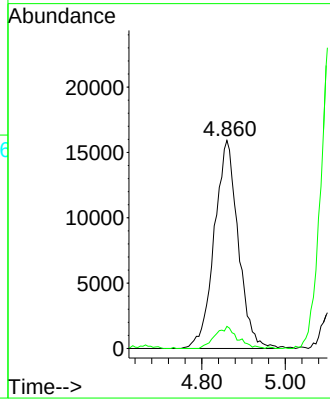
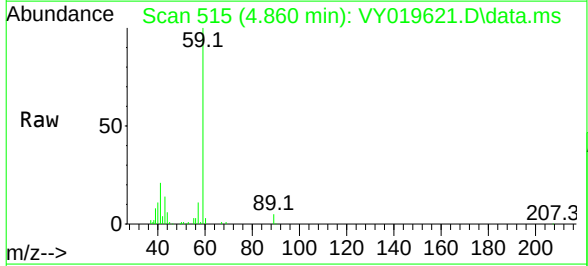
#11
Tert butyl alcohol
Concen: 233.323 ug/l
RT: 4.860 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 63239
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6#

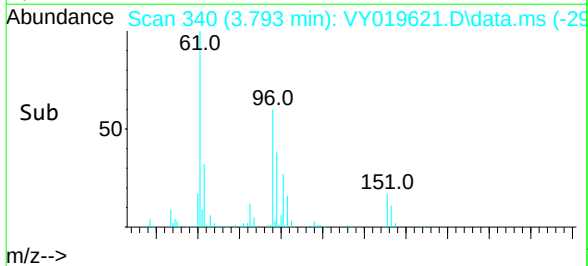
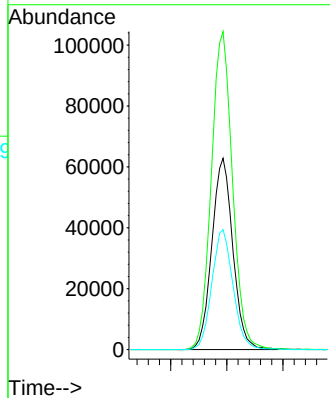
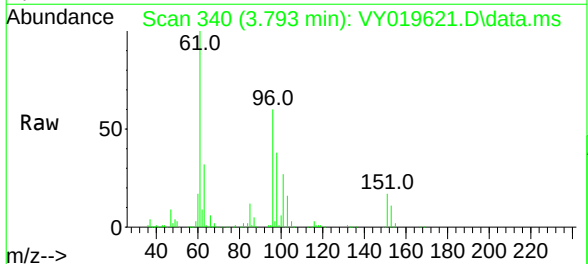
Manual Integrations
APPROVED

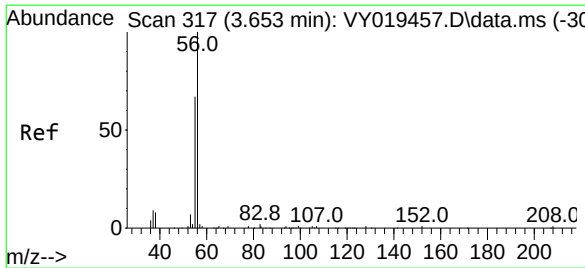
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#12
1,1-Dichloroethene
Concen: 50.903 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 96 Resp: 163689
Ion Ratio Lower Upper
96 100
61 166.2 114.6 171.8
98 62.7 50.8 76.2





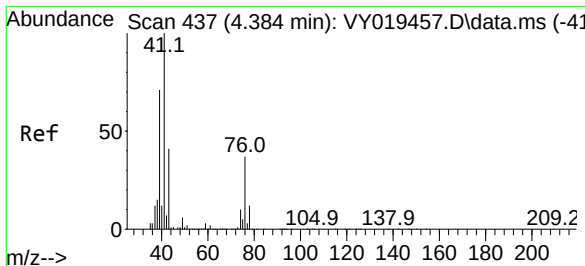
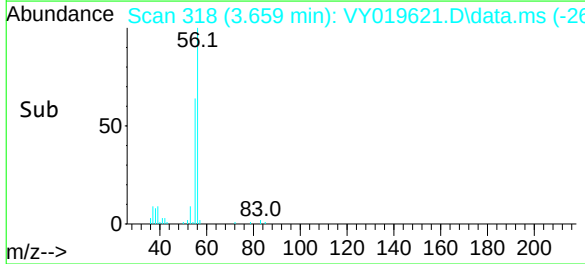
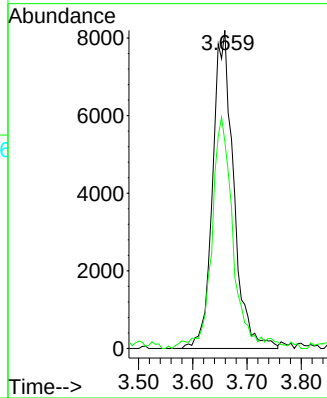
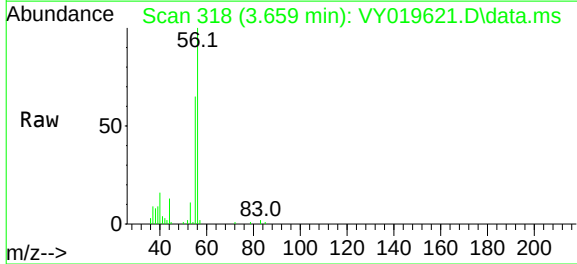
#13
Acrolein
Concen: 163.260 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 21951
Ion Ratio Lower Upper
56 100
55 72.6 55.7 83.5

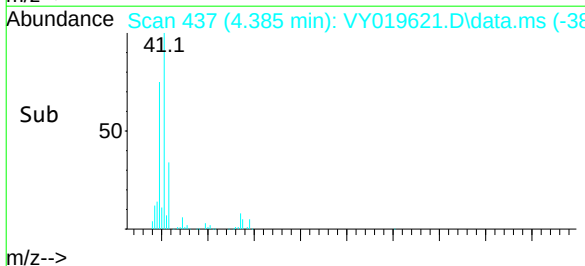
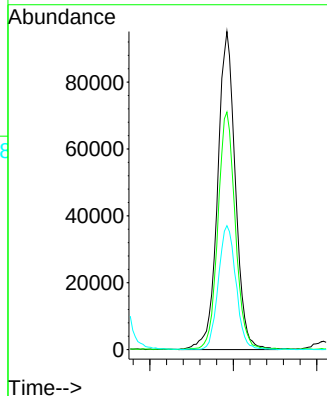
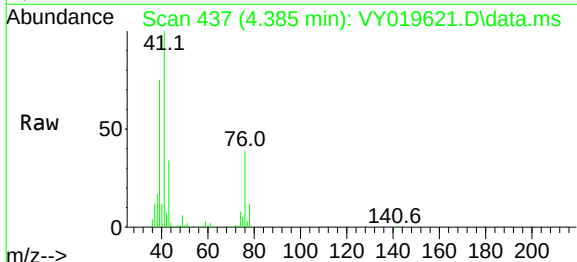
Manual Integrations
APPROVED

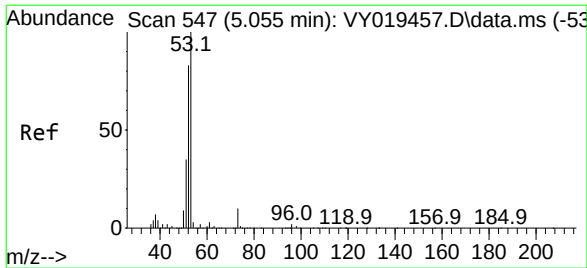
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#14
Allyl chloride
Concen: 48.798 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 41 Resp: 281402
Ion Ratio Lower Upper
41 100
39 73.0 58.3 87.5
76 38.5 39.0 58.6#





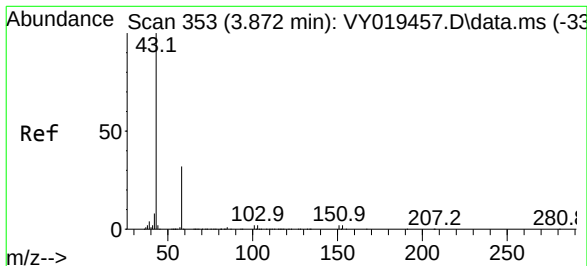
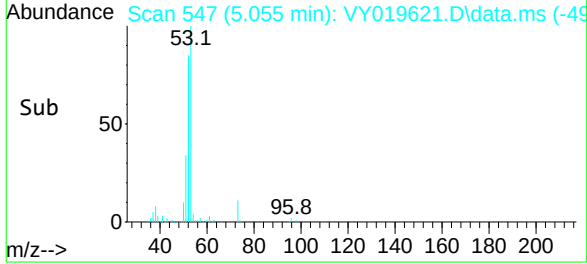
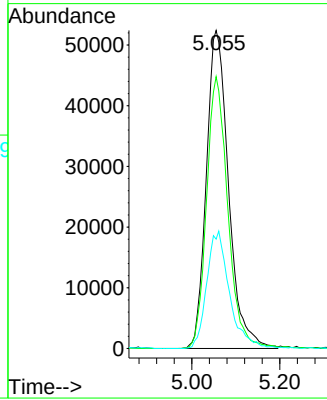
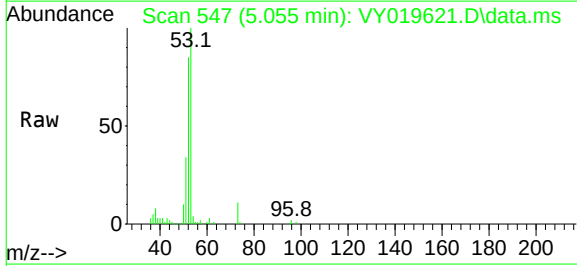
#15
Acrylonitrile
Concen: 234.985 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 183836
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 37.8 28.4 42.6

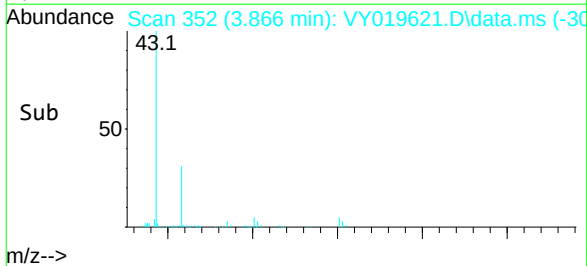
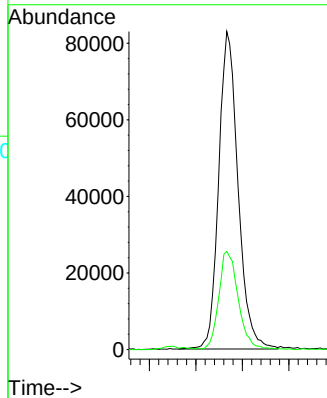
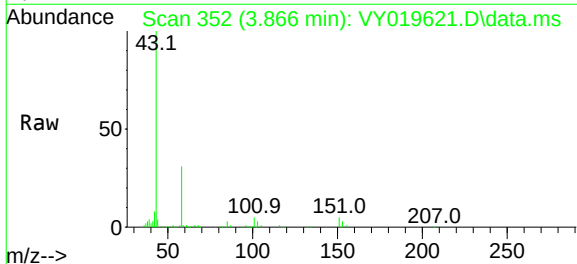
Manual Integrations
APPROVED

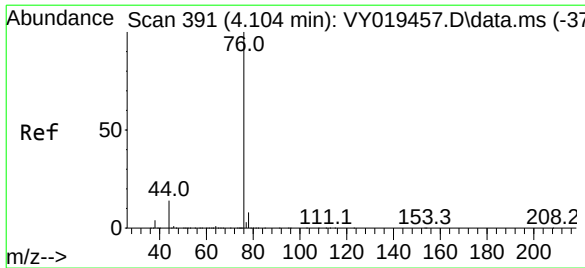
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#16
Acetone
Concen: 298.950 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

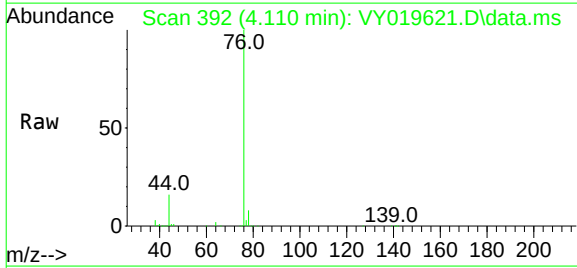
Tgt Ion: 43 Resp: 239027
Ion Ratio Lower Upper
43 100
58 30.7 31.7 47.5#





#17
Carbon Disulfide
Concen: 49.621 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

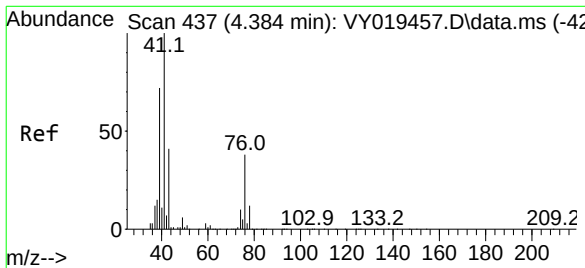
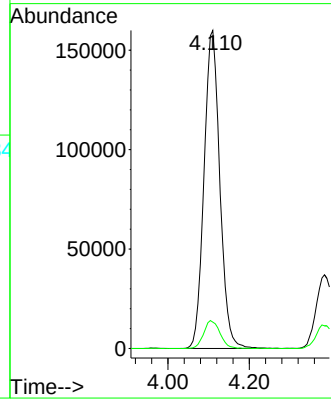
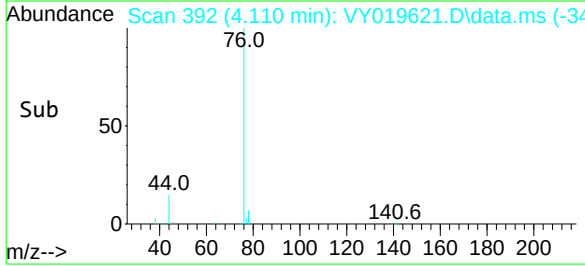
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



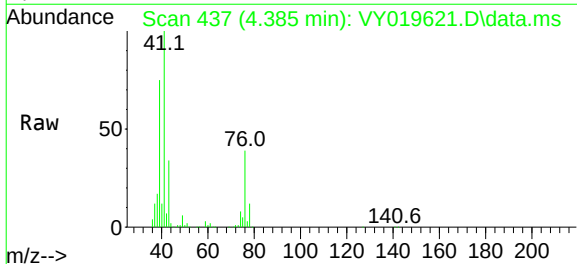
Tgt Ion: 76 Resp: 431119
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

Manual Integrations
APPROVED

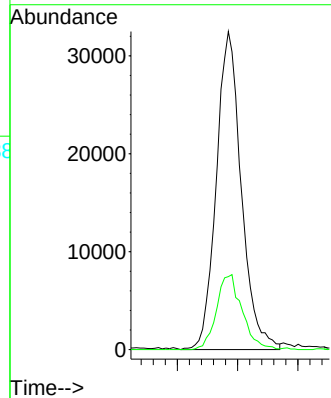
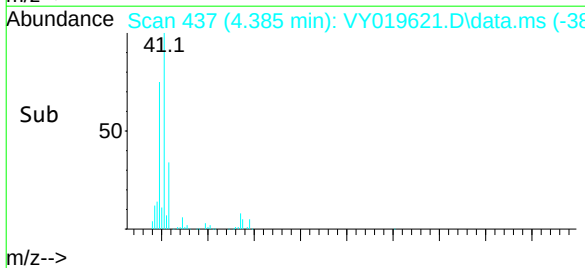
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024

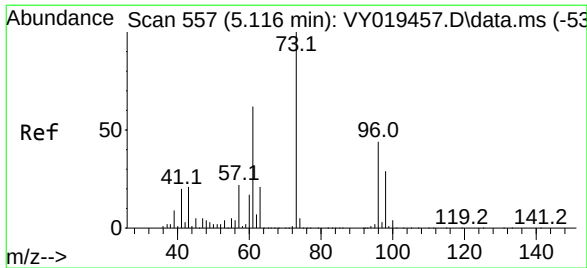


#18
Methyl Acetate
Concen: 43.181 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion: 43 Resp: 93695
Ion Ratio Lower Upper
43 100
74 24.1 23.3 34.9





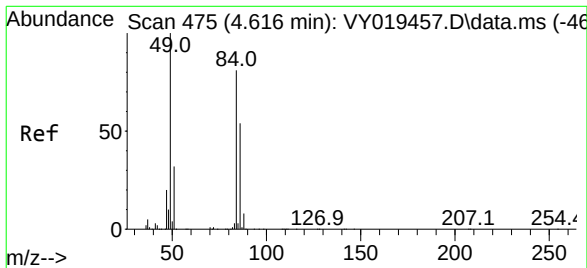
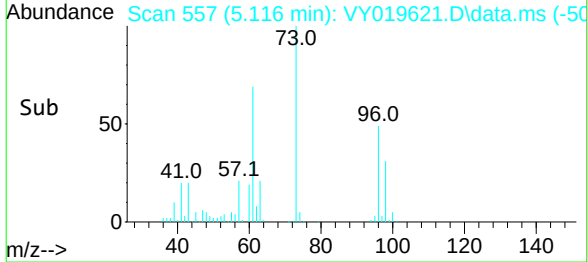
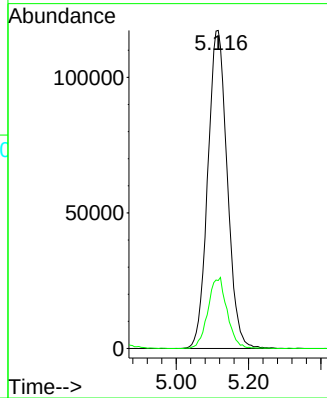
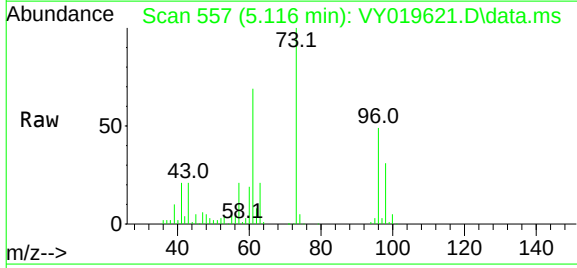
#19
Methyl tert-butyl Ether
Concen: 48.116 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 438221
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

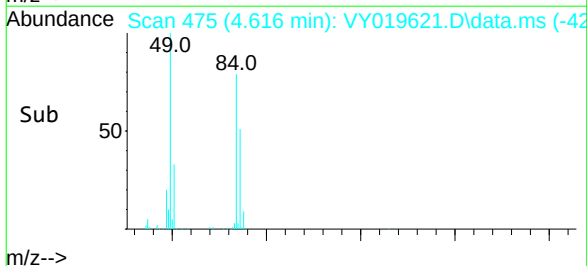
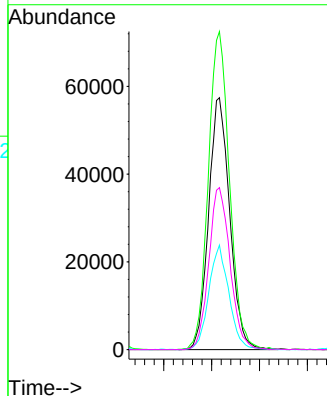
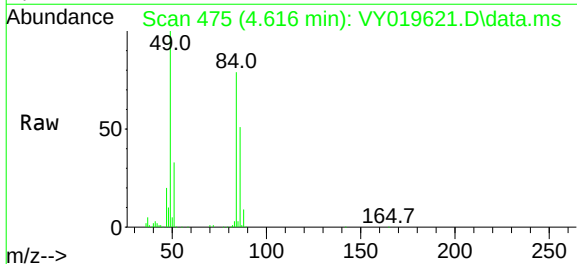
Manual Integrations
APPROVED

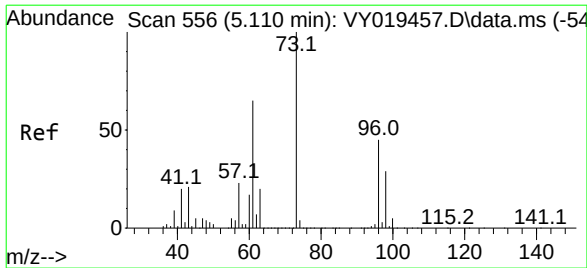
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#20
Methylene Chloride
Concen: 48.288 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

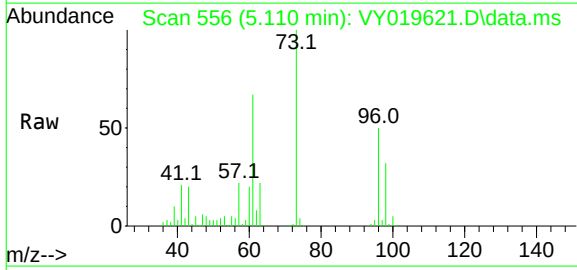
Tgt Ion: 84 Resp: 176077
Ion Ratio Lower Upper
84 100
49 126.1 84.4 126.6
51 41.5 26.0 39.0#
86 64.3 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 51.613 ug/l
RT: 5.110 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

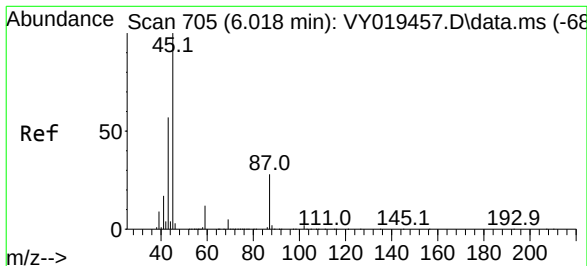
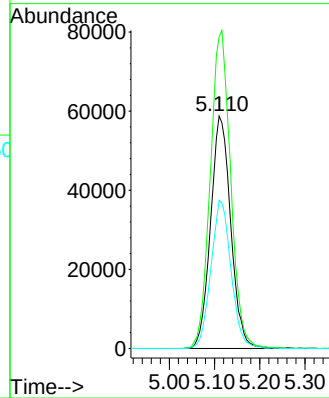
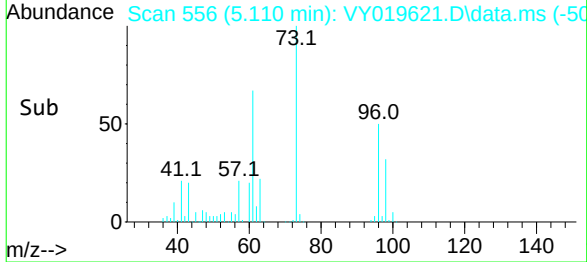
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 181918
Ion Ratio Lower Upper
96 100
61 134.0 97.5 146.3
98 63.8 50.5 75.7

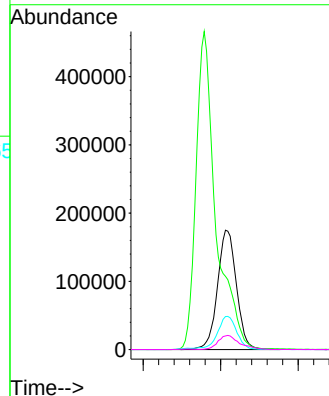
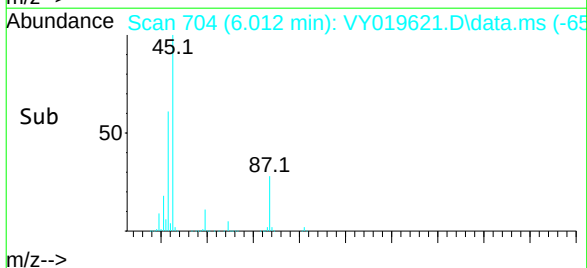
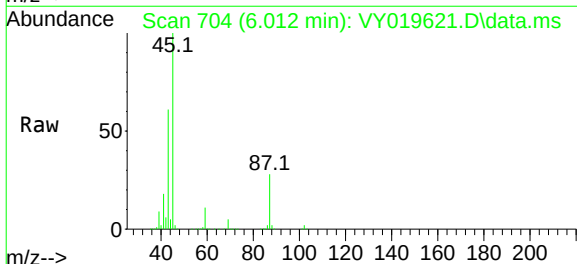
Manual Integrations
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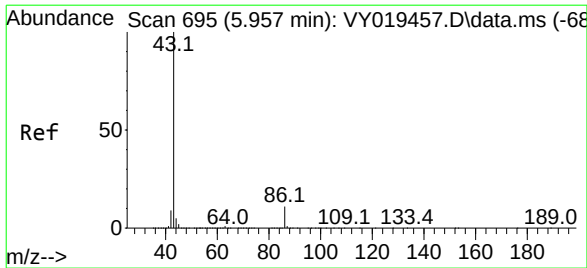
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#22
Diisopropyl ether
Concen: 50.110 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 45 Resp: 593402
Ion Ratio Lower Upper
45 100
43 60.8 42.2 63.2
87 27.6 25.0 37.6
59 11.4 10.5 15.7





#23

Vinyl Acetate

Concen: 244.192 ug/l

RT: 5.957 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1651717

Ion Ratio Lower Upper

43 100

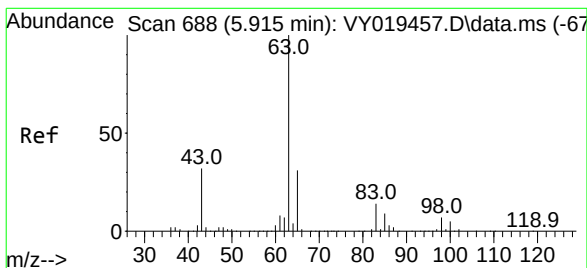
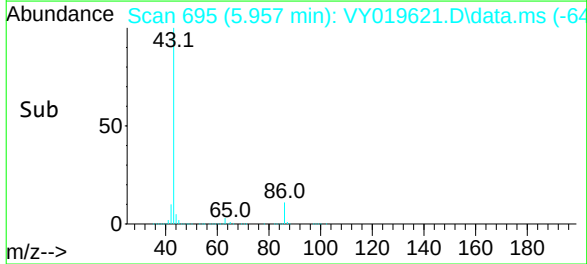
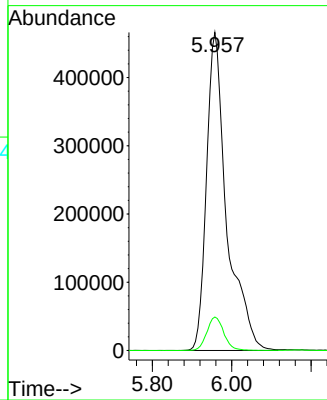
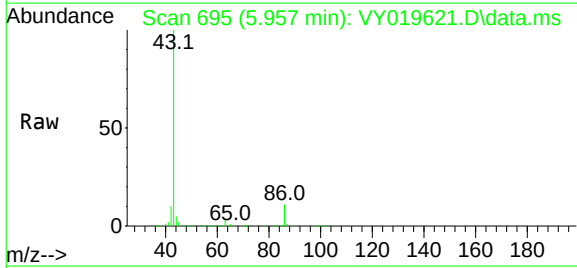
86 10.5 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#24

1,1-Dichloroethane

Concen: 52.673 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

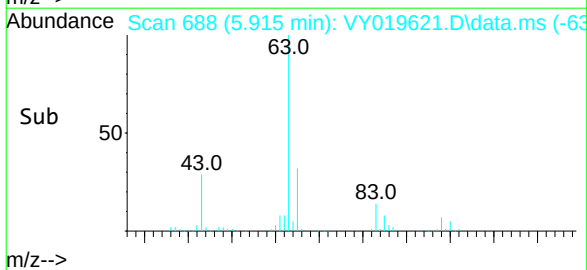
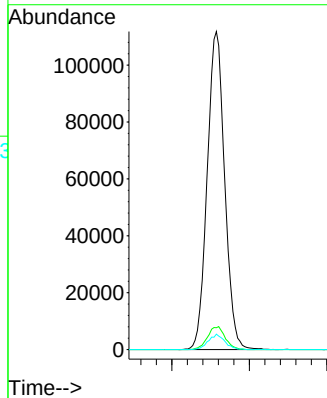
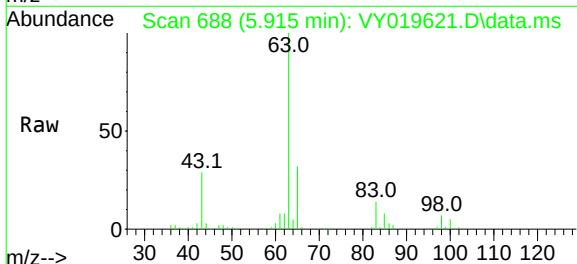
Tgt Ion: 63 Resp: 350017

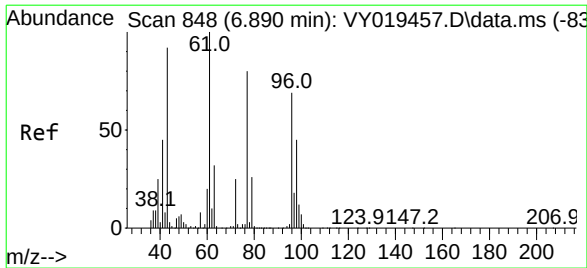
Ion Ratio Lower Upper

63 100

98 6.9 4.0 12.2

100 4.9 2.6 8.0





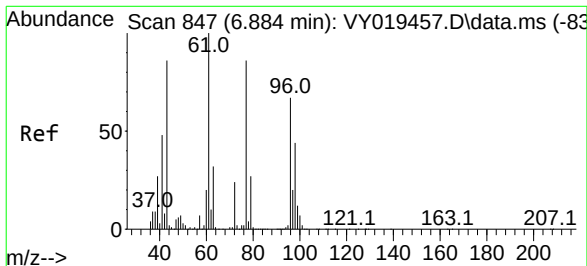
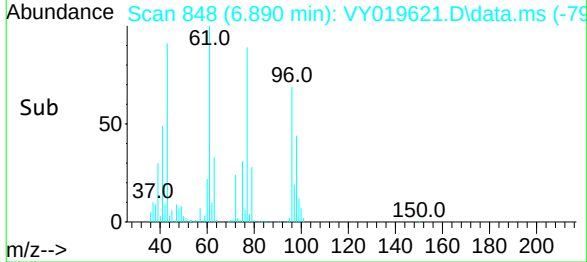
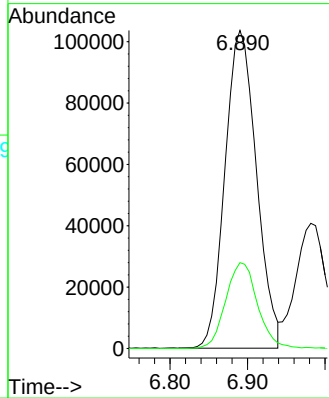
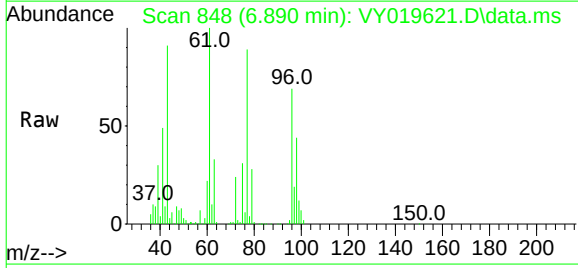
#25
2-Butanone
Concen: 256.992 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 292244
Ion Ratio Lower Upper
43 100
72 27.0 27.3 40.9#

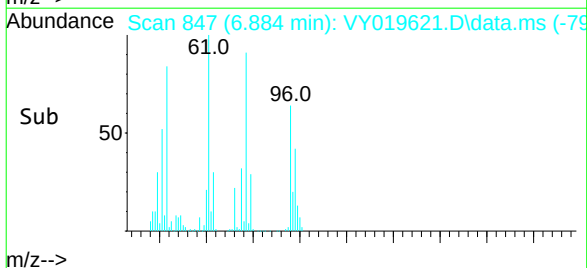
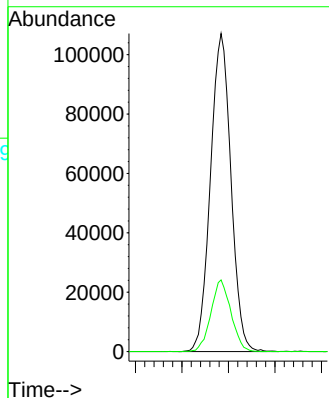
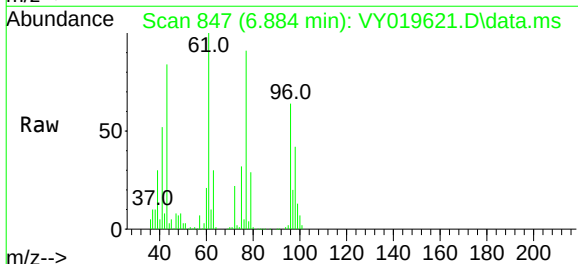
Manual Integrations
APPROVED

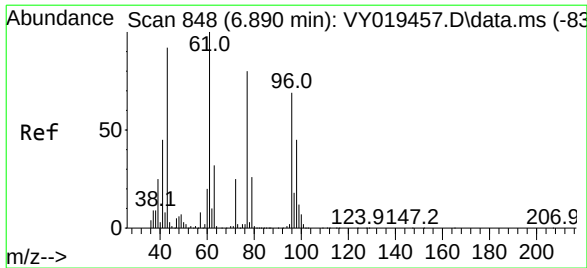
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#26
2,2-Dichloropropane
Concen: 54.713 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

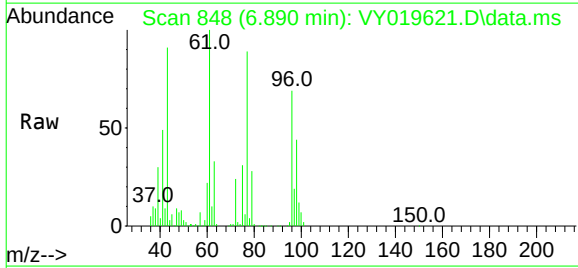
Tgt Ion: 77 Resp: 327950
Ion Ratio Lower Upper
77 100
97 22.0 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 51.425 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

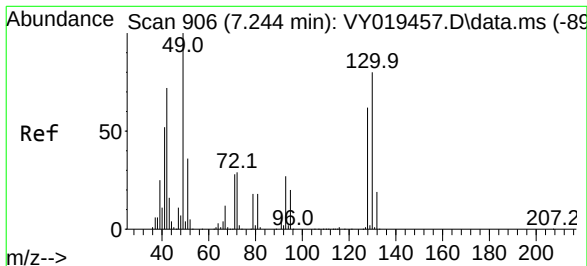
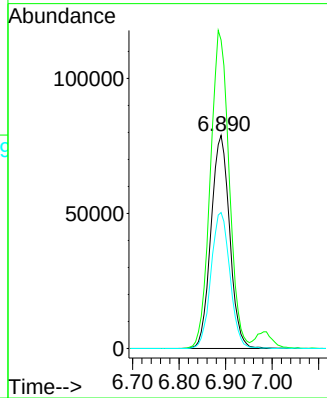
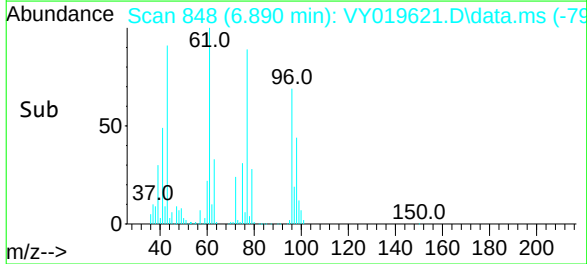
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



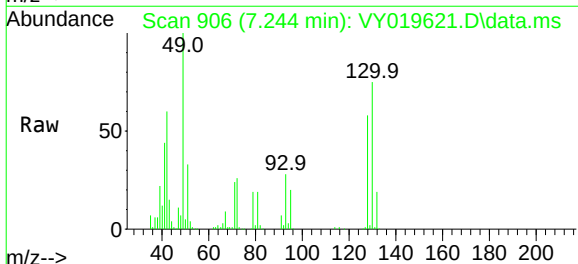
Tgt Ion: 96 Resp: 220175
Ion Ratio Lower Upper
96 100
61 150.1 0.0 256.2
98 64.8 0.0 130.0

Manual Integrations
APPROVED

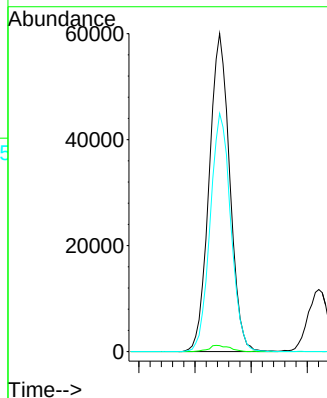
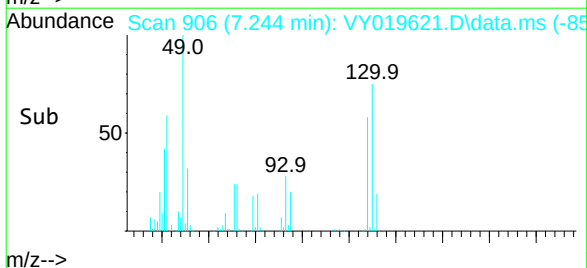
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024

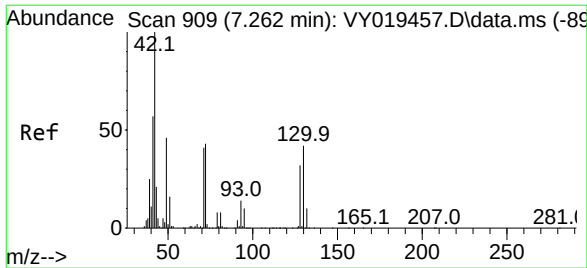


#28
Bromochloromethane
Concen: 54.751 ug/l
RT: 7.244 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion: 49 Resp: 153080
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 74.9 72.7 109.1





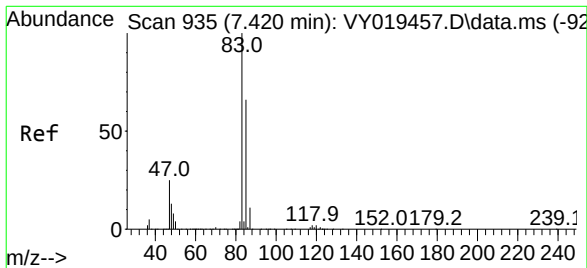
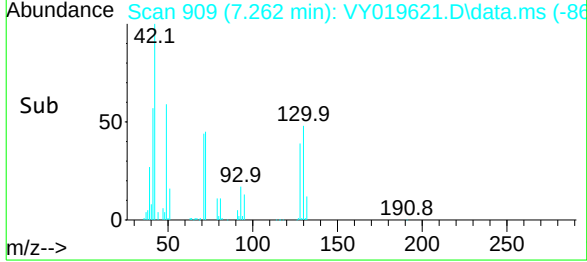
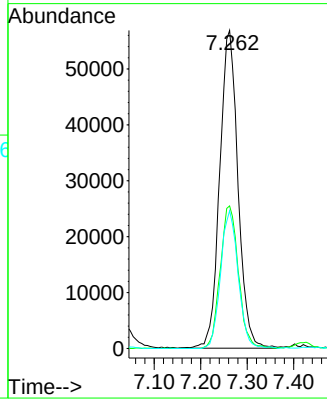
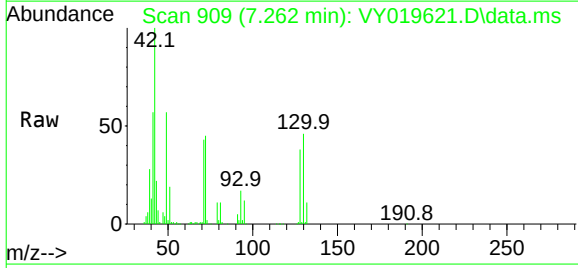
#29
Tetrahydrofuran
Concen: 224.119 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 154966
Ion Ratio Lower Upper
42 100
72 44.8 43.0 64.4
71 41.6 40.8 61.2

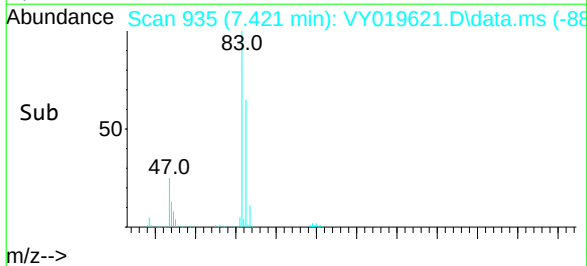
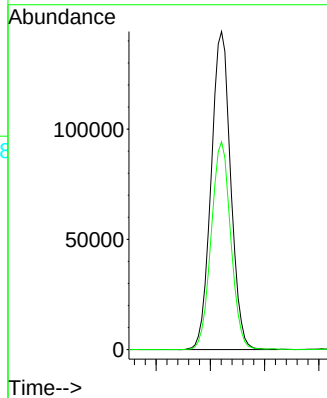
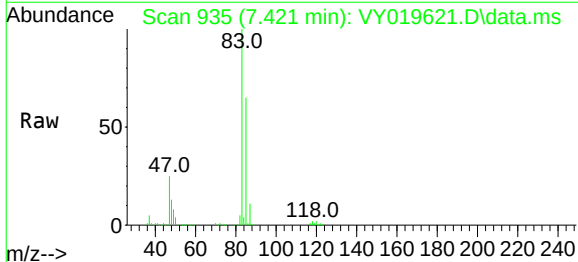
Manual Integrations
APPROVED

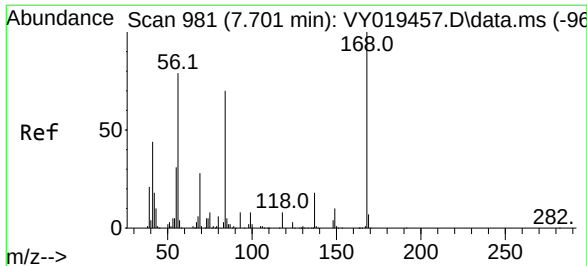
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#30
Chloroform
Concen: 53.220 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

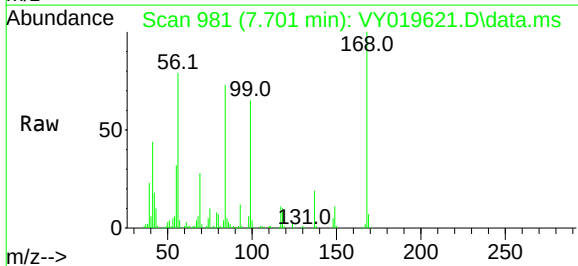
Tgt Ion: 83 Resp: 361022
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4





#31
Cyclohexane
Concen: 48.806 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

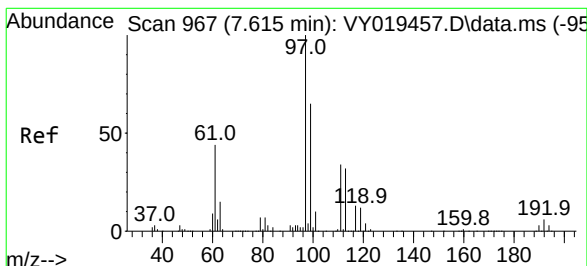
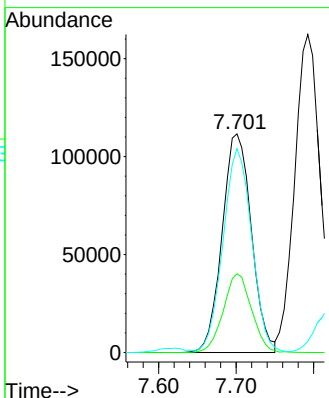
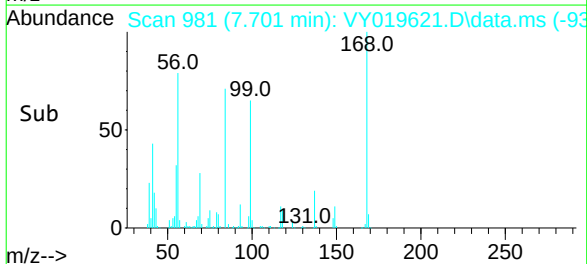
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 293149
Ion Ratio Lower Upper
56 100
69 36.0 28.7 43.1
84 91.2 77.7 116.5

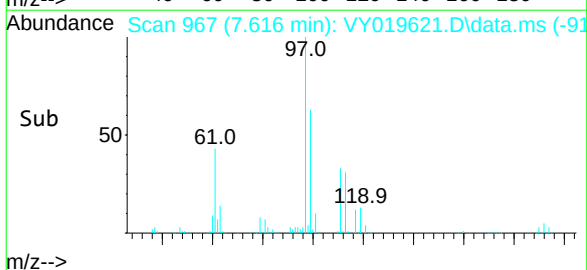
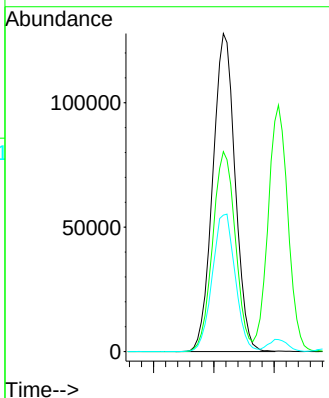
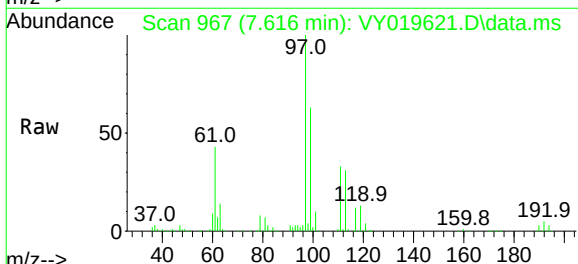
Manual Integrations
APPROVED

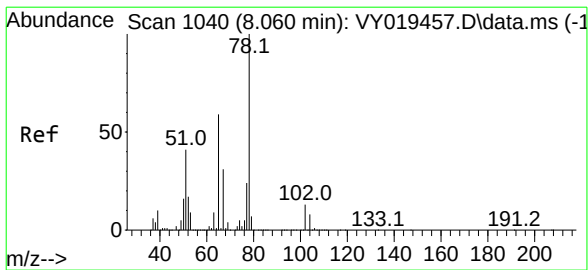
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#32
1,1,1-Trichloroethane
Concen: 54.193 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 97 Resp: 329508
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.4 32.6 48.8





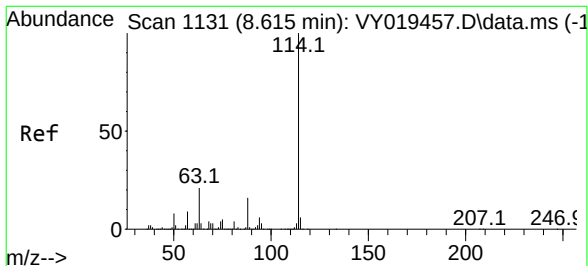
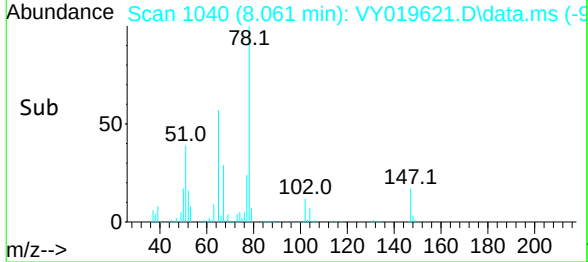
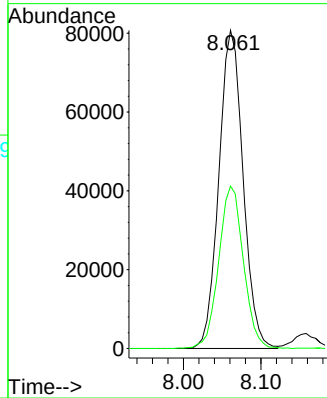
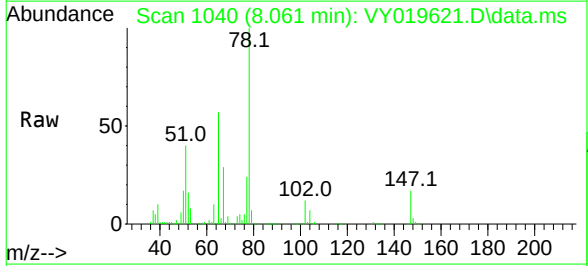
#33
1,2-Dichloroethane-d4
Concen: 52.199 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 175189
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

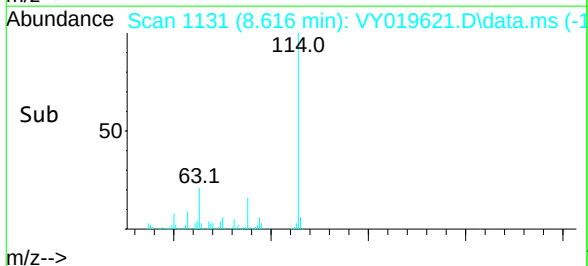
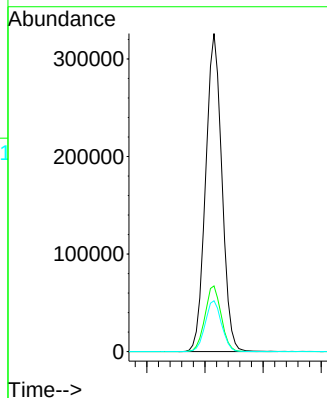
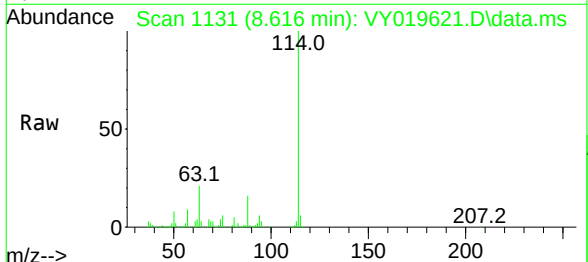
Manual Integrations
APPROVED

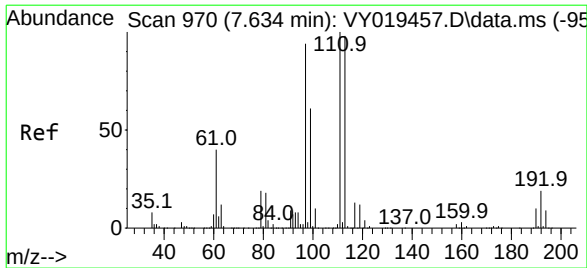
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:114 Resp: 632522
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 16.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.585 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 181412

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

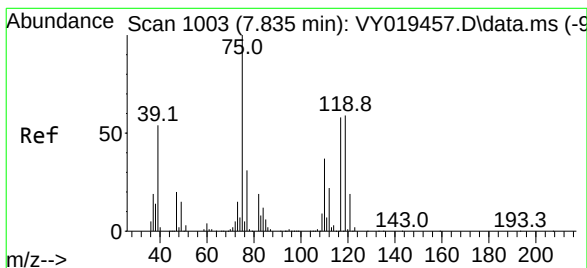
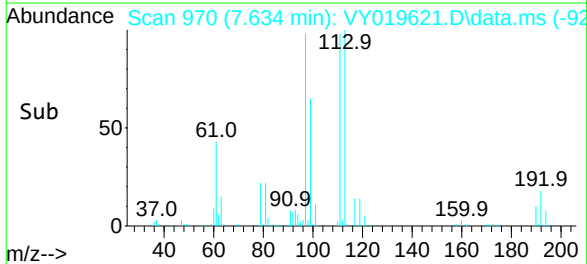
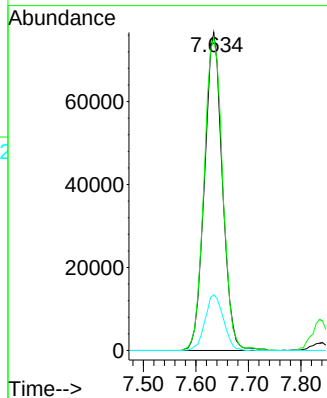
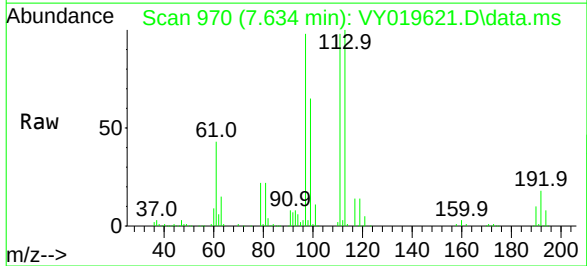
192 18.0 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#36

1,1-Dichloropropene

Concen: 52.217 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

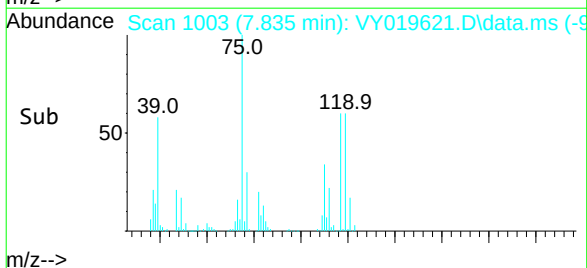
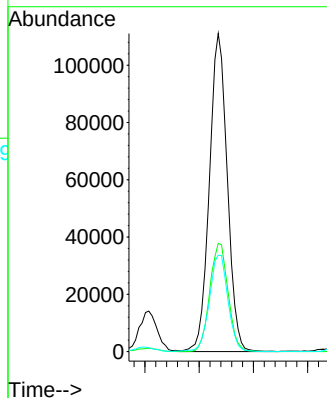
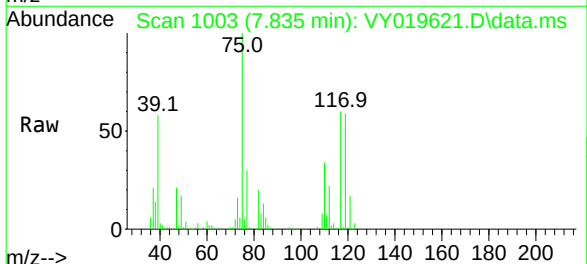
Tgt Ion: 75 Resp: 254812

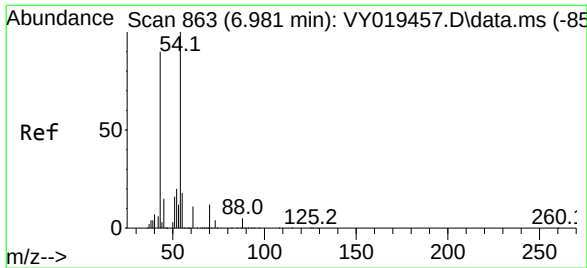
Ion Ratio Lower Upper

75 100

110 34.7 19.0 57.0

77 31.6 25.3 37.9





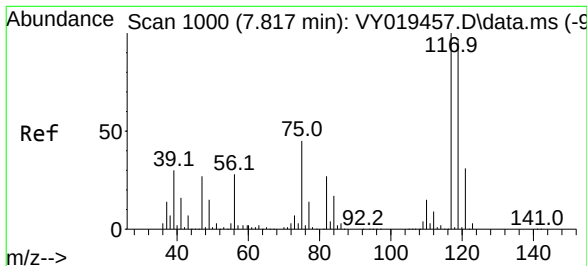
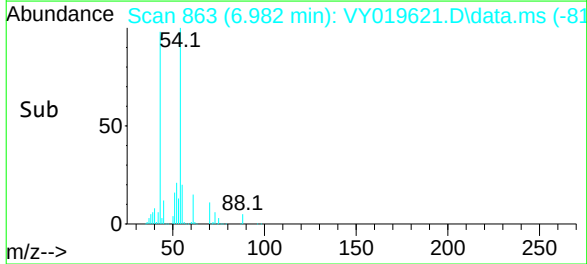
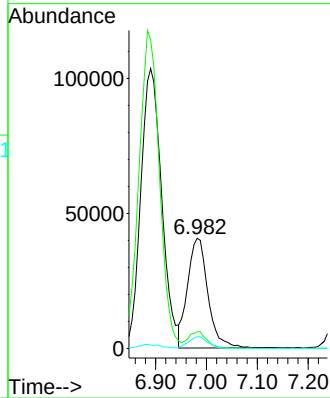
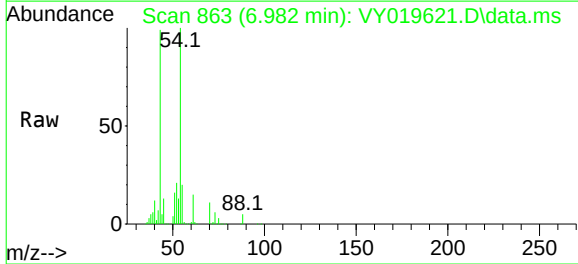
#37
Ethyl Acetate
Concen: 45.010 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	112541
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.6	19.0
70	10.3	7.8	11.8

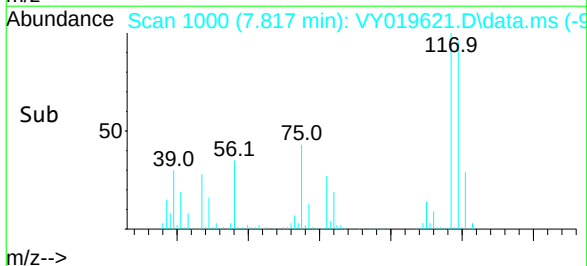
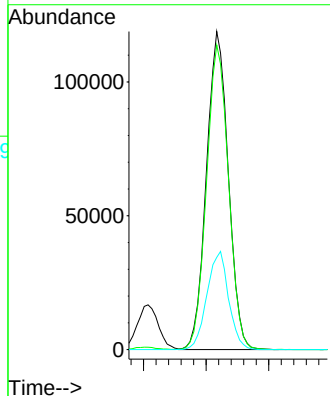
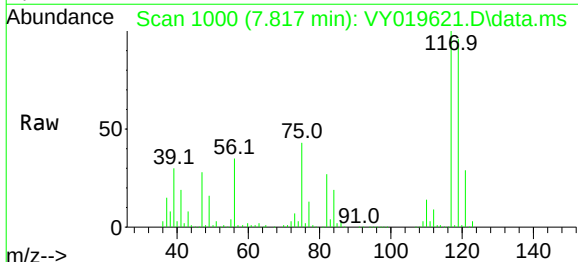
Manual Integrations
APPROVED

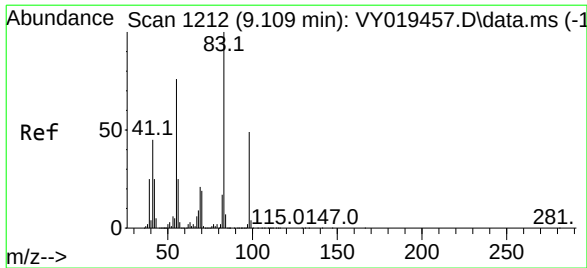
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#38
Carbon Tetrachloride
Concen: 52.502 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	117	Resp:	288918
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
121	29.0	24.0	36.0





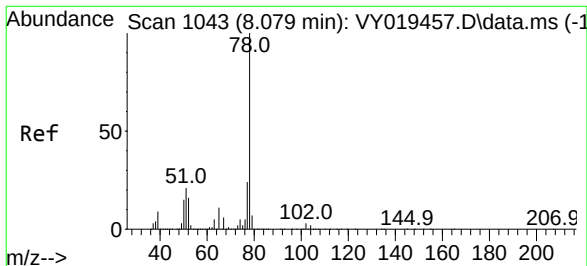
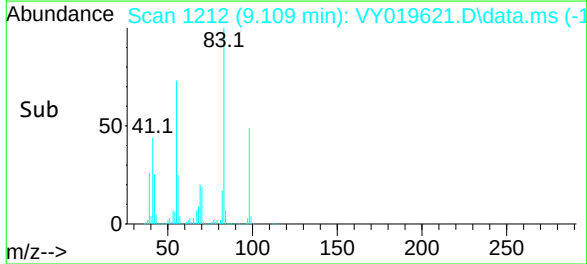
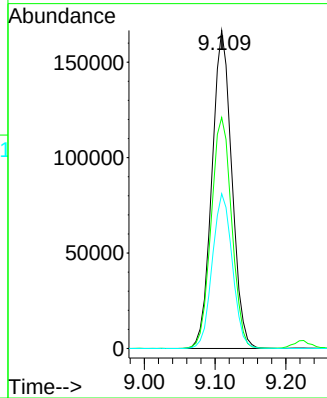
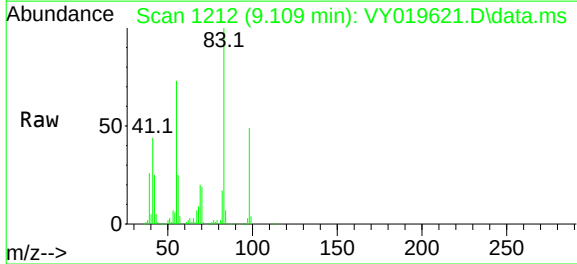
#39
Methylcyclohexane
Concen: 50.092 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	83	Resp:	325306
Ion	Ratio	Lower	Upper
83	100		
55	72.6	51.5	77.3
98	48.7	40.5	60.7

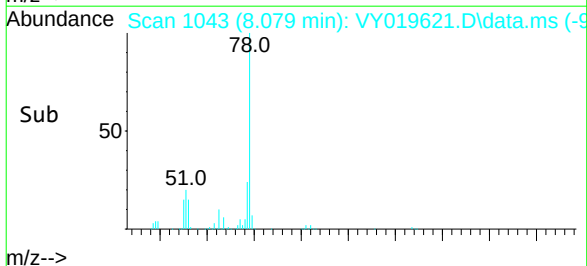
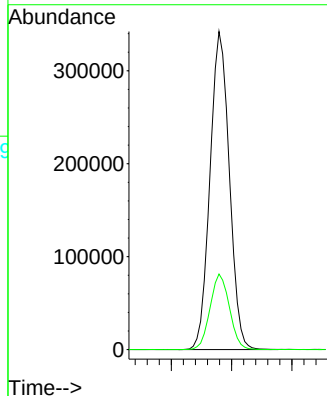
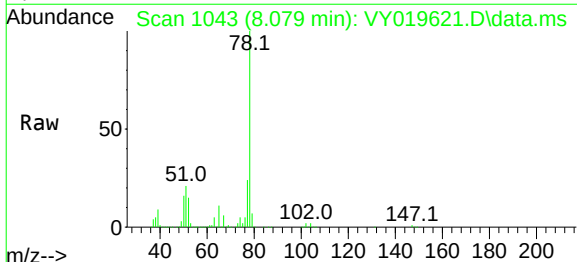
Manual Integrations
APPROVED

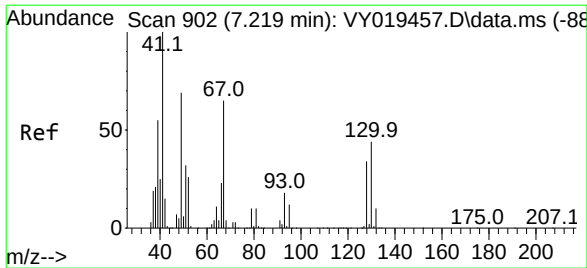
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#40
Benzene
Concen: 50.746 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	78	Resp:	762736
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3





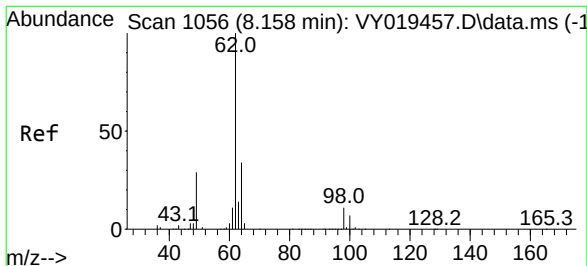
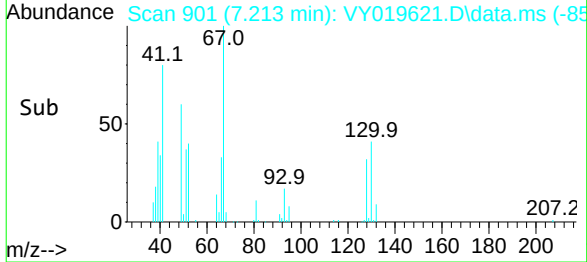
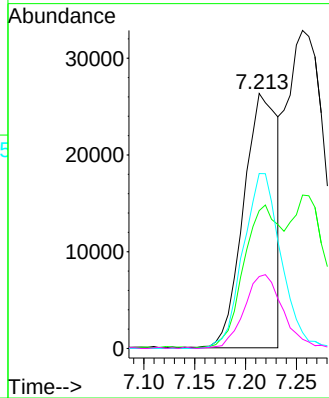
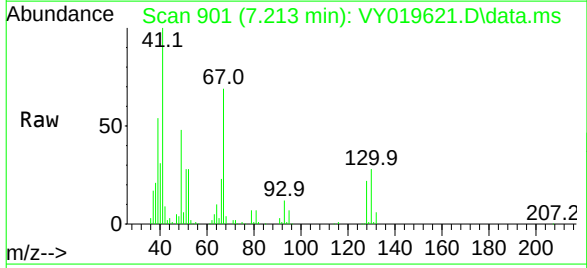
#41
Methacrylonitrile
Concen: 41.600 ug/l
RT: 7.213 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	60632
Ion	Ratio	Lower	Upper
41	100		
39	63.5	48.0	72.0
67	77.7	75.1	112.7
52	33.7	29.8	44.6

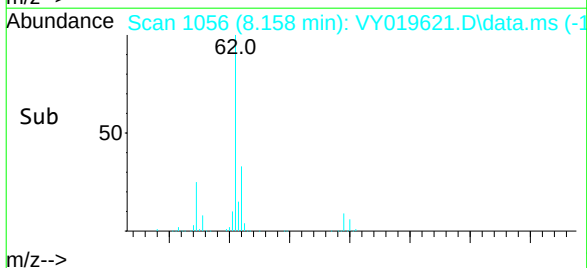
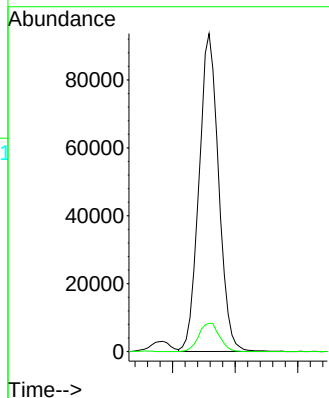
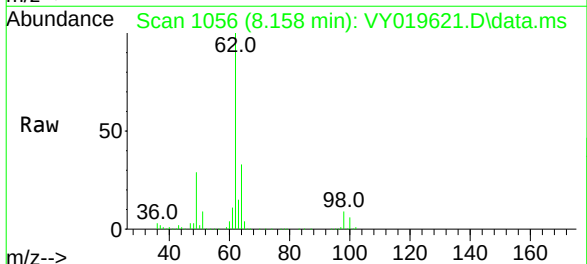
Manual Integrations
APPROVED

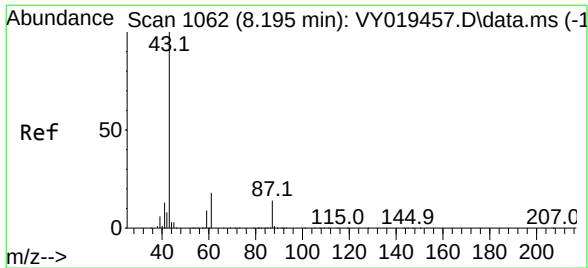
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#42
1,2-Dichloroethane
Concen: 50.371 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	62	Resp:	203722
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	22.0





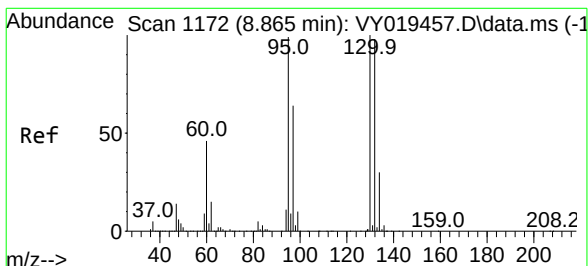
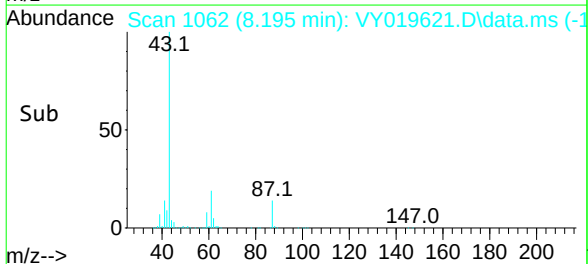
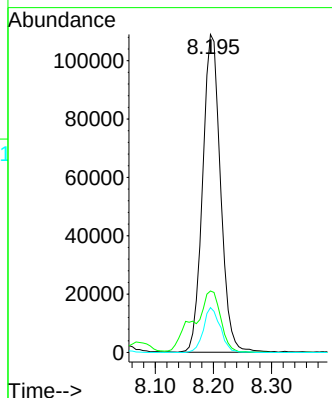
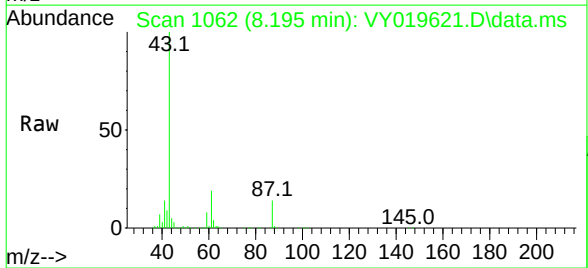
#43
Isopropyl Acetate
Concen: 44.304 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument : MSVOA_Y
ClientSampleId : VSTDCCC050

Tgt Ion:	43	Resp:	232729
Ion	Ratio	Lower	Upper
43	100		
61	29.4	27.9	41.9
87	13.4	13.1	19.7

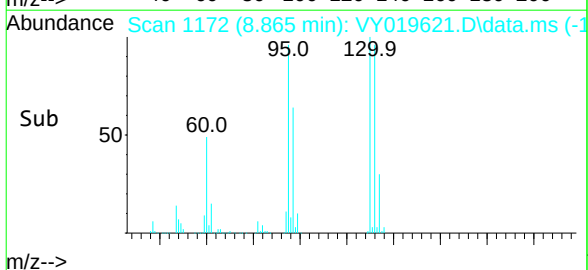
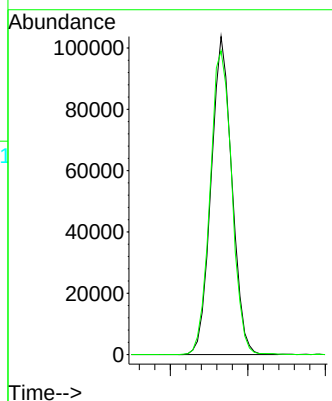
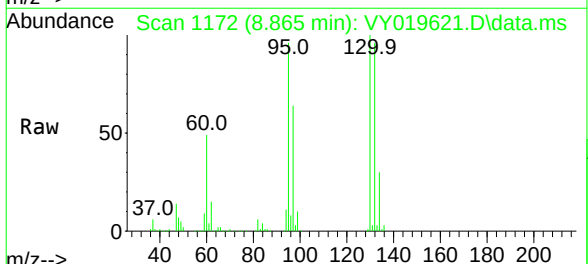
Manual Integrations
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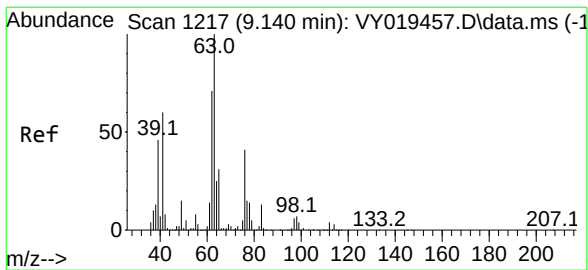
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#44
Trichloroethene
Concen: 50.004 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	130	Resp:	193289
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 49.597 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 182246

Ion Ratio Lower Upper

63 100

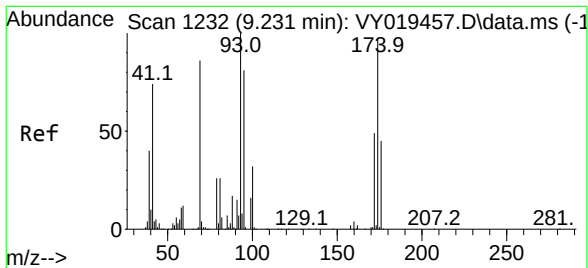
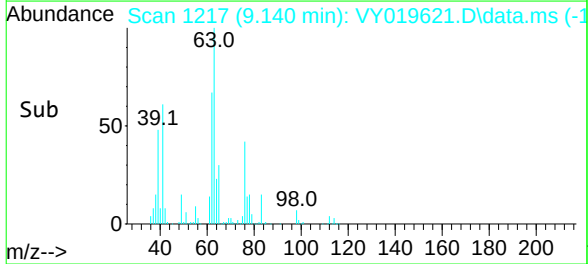
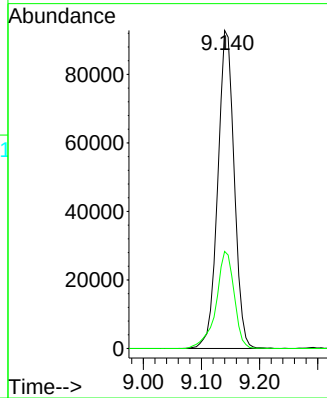
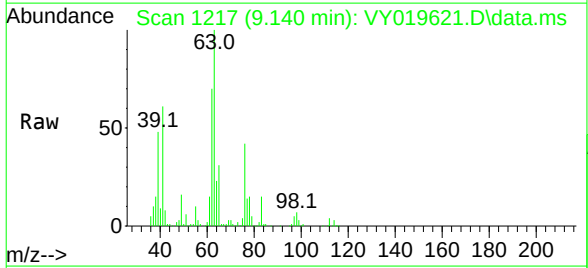
65 30.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#46

Dibromomethane

Concen: 48.968 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

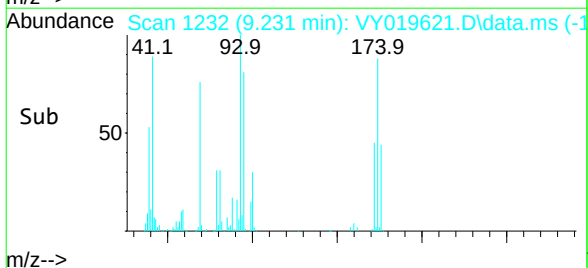
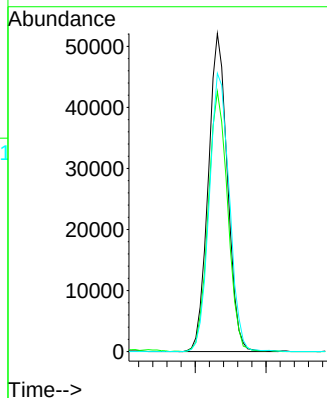
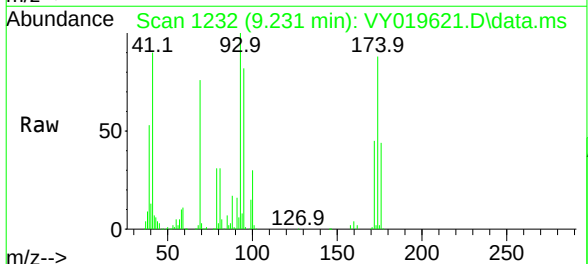
Tgt Ion: 93 Resp: 98397

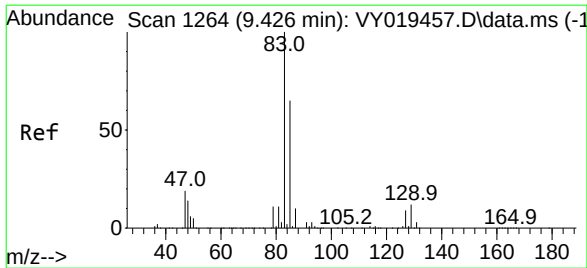
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

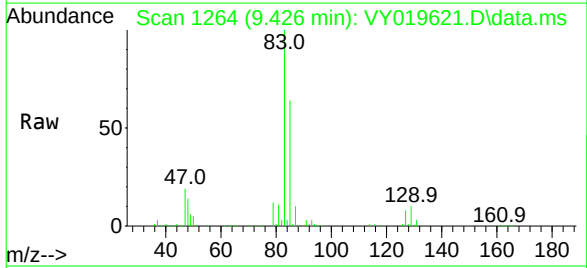
174 91.1 80.9 121.3





#47
Bromodichloromethane
Concen: 50.637 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

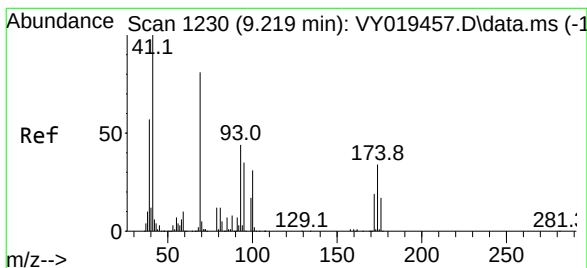
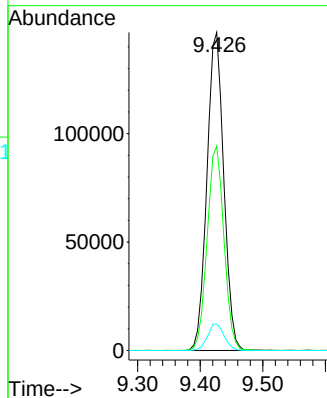
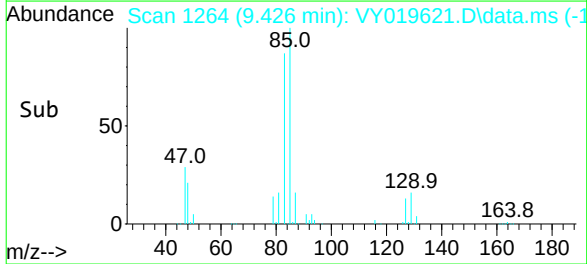
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 273518
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.3 7.4 11.0

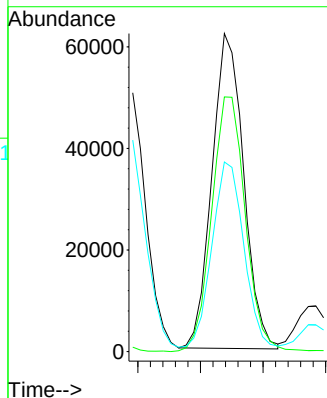
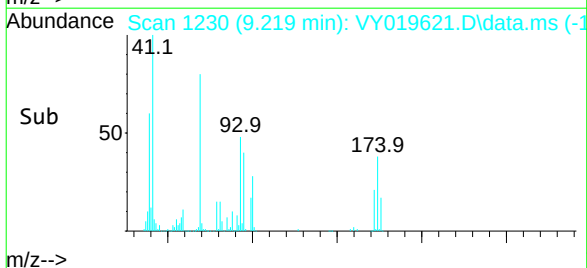
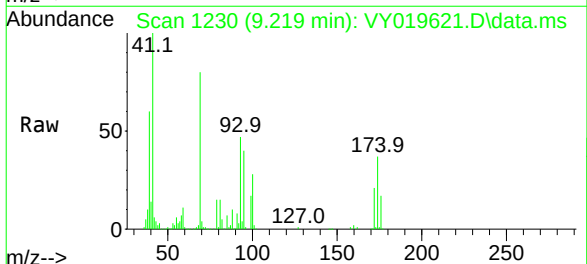
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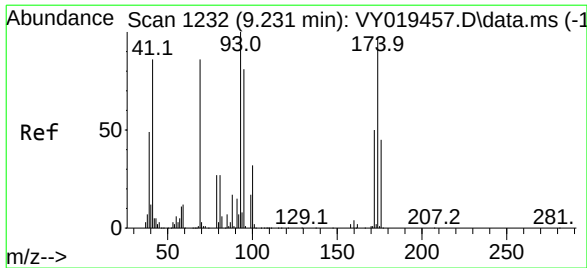
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#48
Methyl methacrylate
Concen: 43.948 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

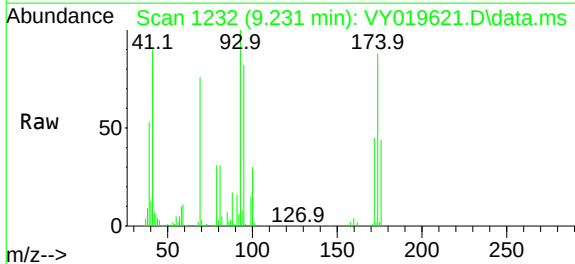
Tgt Ion: 41 Resp: 109019
Ion Ratio Lower Upper
41 100
69 86.0 84.1 126.1
39 59.1 43.6 65.4





#49
1,4-Dioxane
Concen: 885.169 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

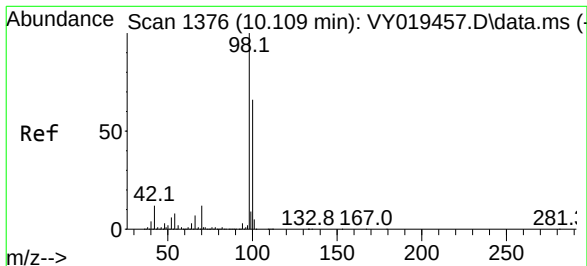
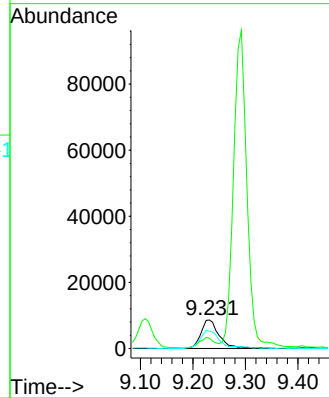
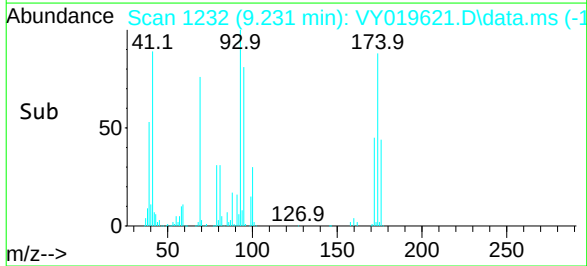
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 20939
Ion Ratio Lower Upper
88 100
43 30.7 0.0 0.0#
58 69.5 49.3 73.9

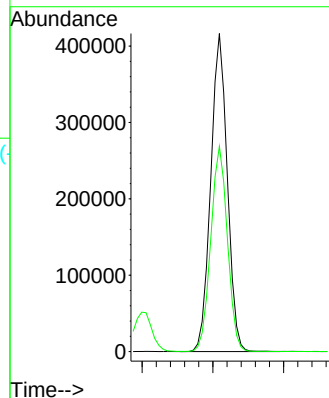
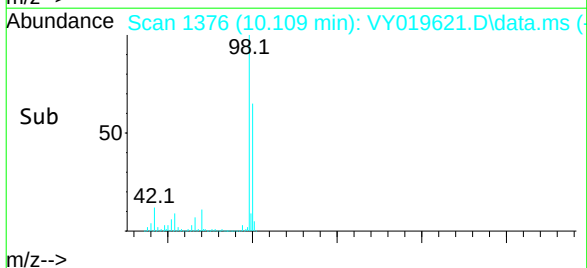
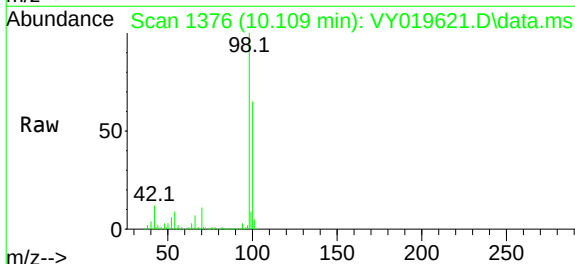
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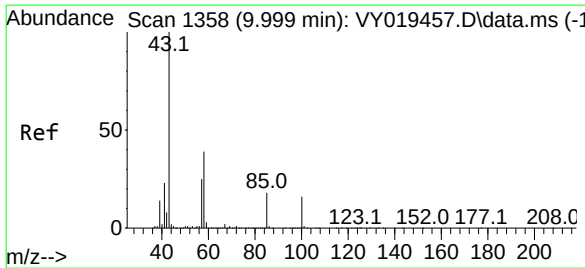
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#50
Toluene-d8
Concen: 51.024 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 98 Resp: 676822
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





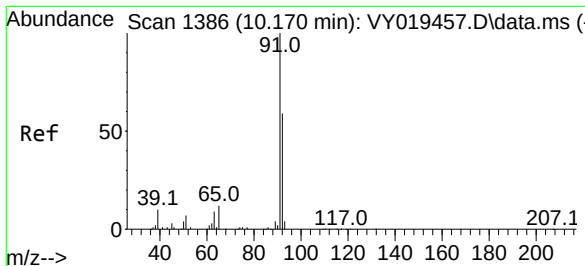
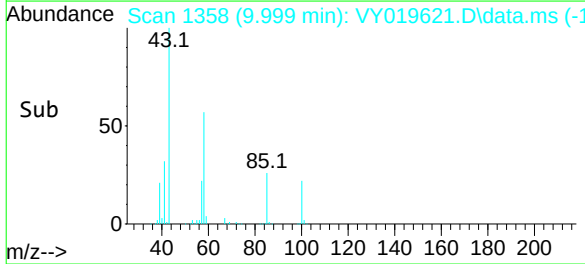
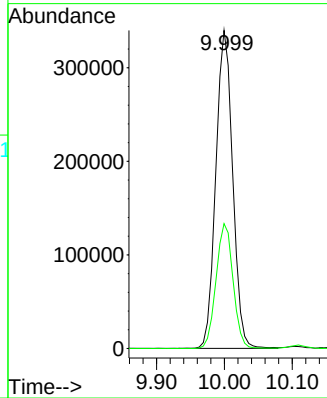
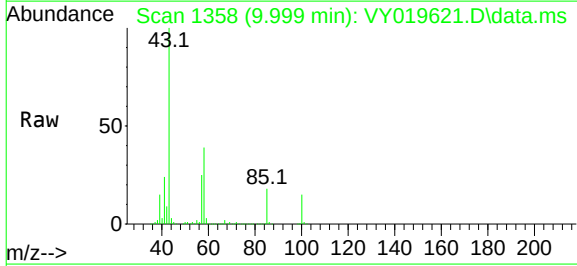
#51
4-Methyl-2-Pentanone
Concen: 221.983 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 586646
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5

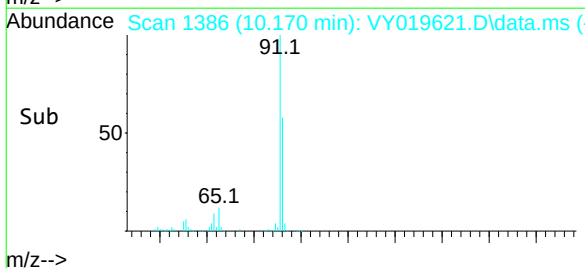
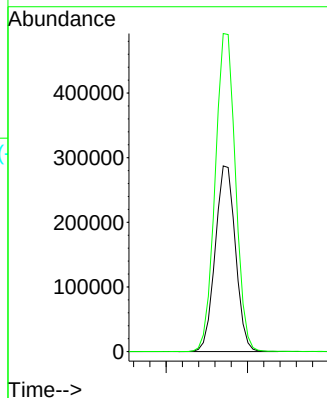
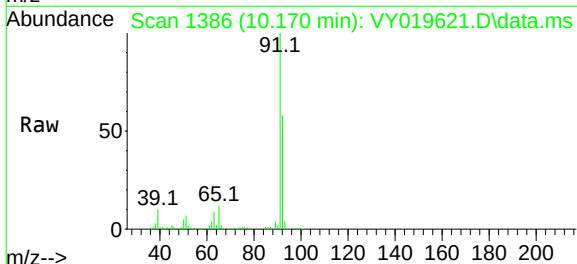
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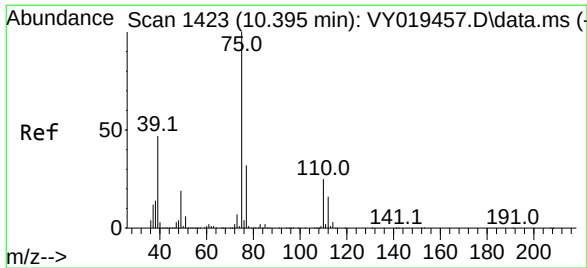
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#52
Toluene
Concen: 51.527 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion: 92 Resp: 498094
Ion Ratio Lower Upper
92 100
91 171.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 47.283 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 243463

Ion Ratio Lower Upper

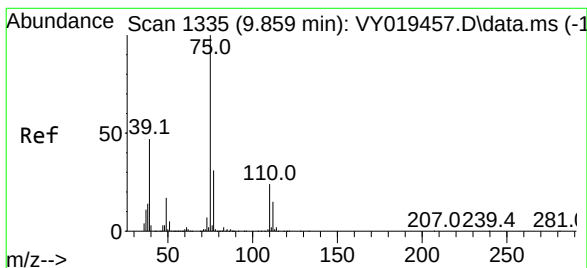
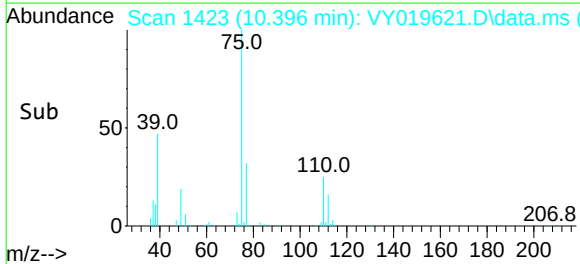
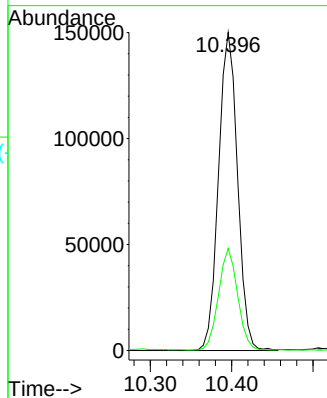
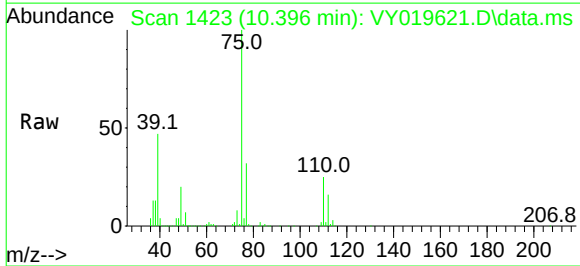
75 100

77 31.9 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#54

cis-1,3-Dichloropropene

Concen: 48.653 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

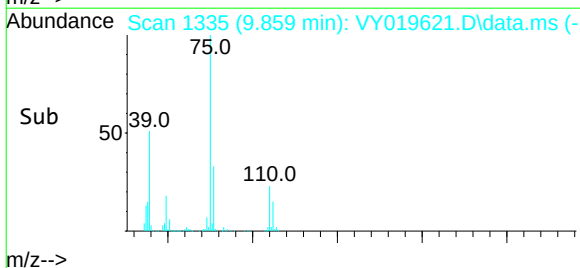
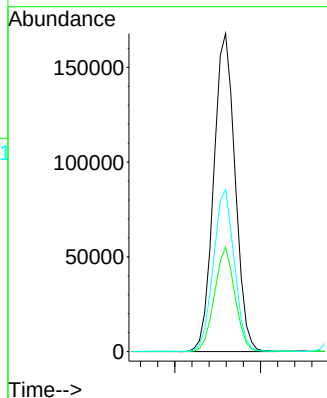
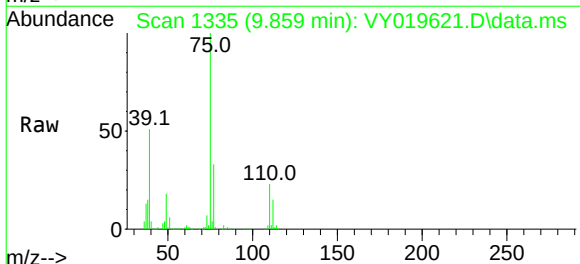
Tgt Ion: 75 Resp: 291705

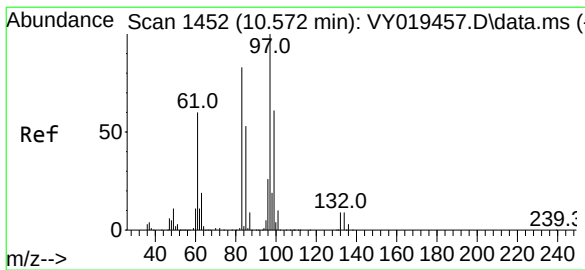
Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0

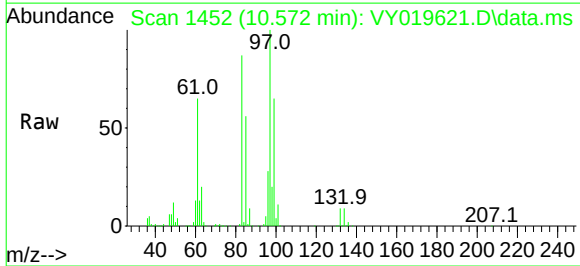
39 50.9 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 47.899 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

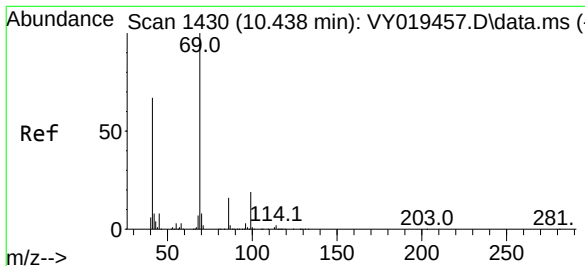
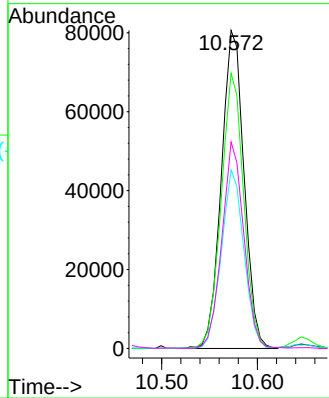
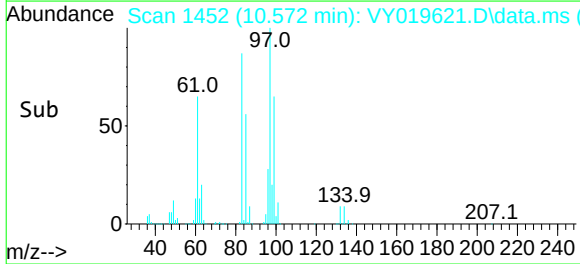
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	132916
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.5	101.3
85	56.1	42.9	64.3
99	64.9	46.6	70.0

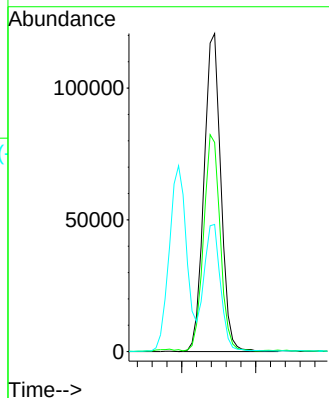
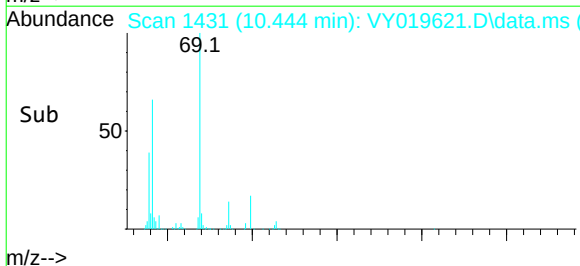
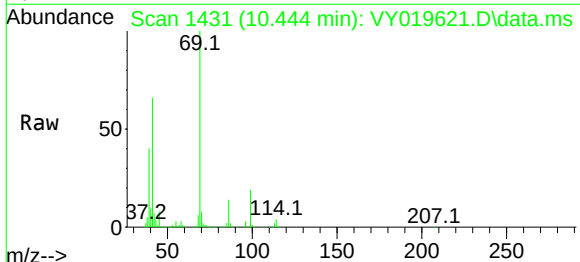
Manual Integrations
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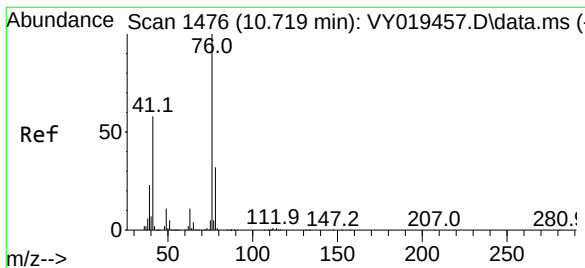
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#56
Ethyl methacrylate
Concen: 45.351 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	69	Resp:	191170
Ion	Ratio	Lower	Upper
69	100		
41	66.5	42.3	63.5#
39	38.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 48.161 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 229726

Ion Ratio Lower Upper

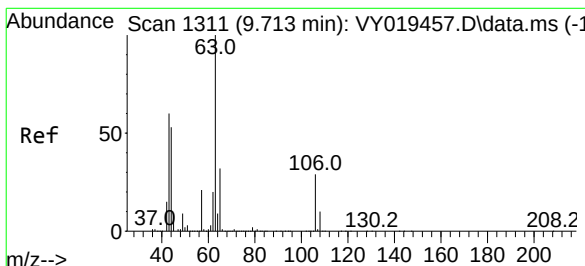
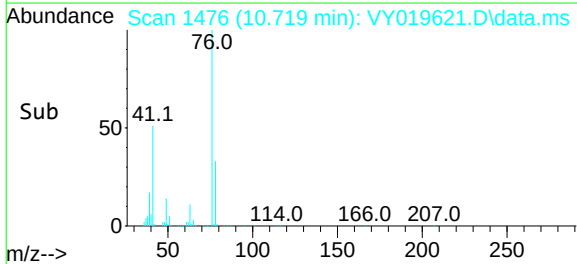
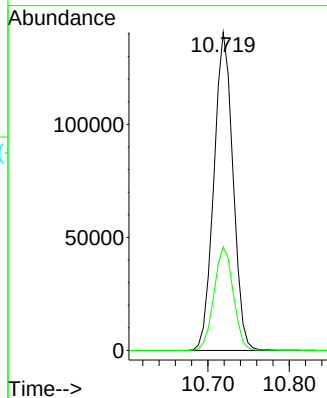
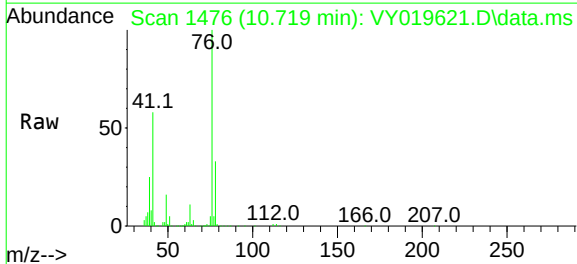
76 100

78 33.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 248.172 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019621.D

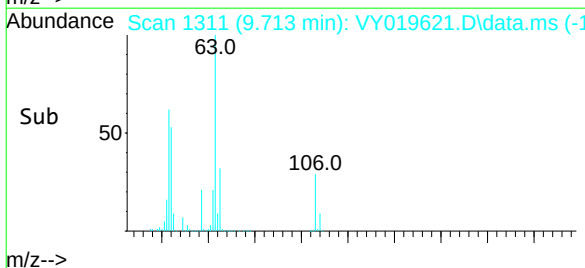
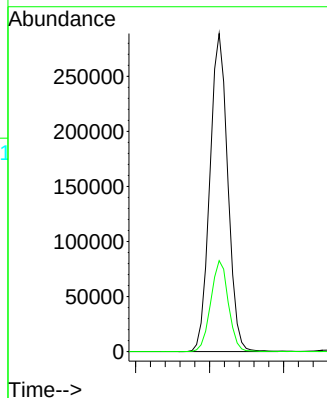
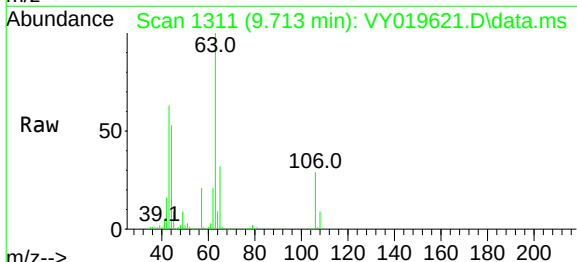
Acq: 19 Sep 2024 09:24

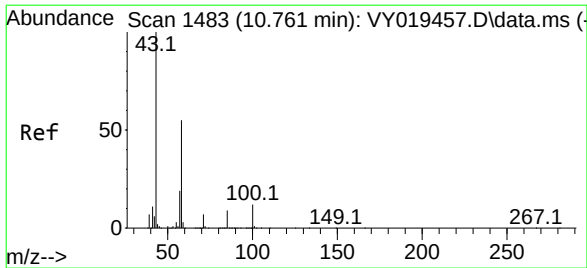
Tgt Ion: 63 Resp: 485537

Ion Ratio Lower Upper

63 100

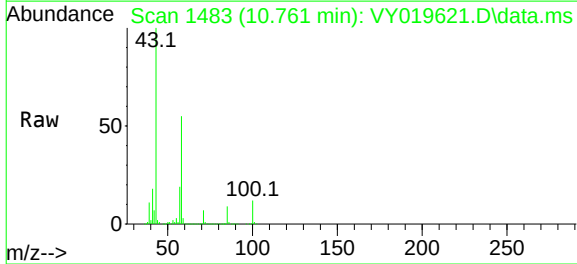
106 28.1 23.7 35.5





#59
2-Hexanone
Concen: 235.126 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

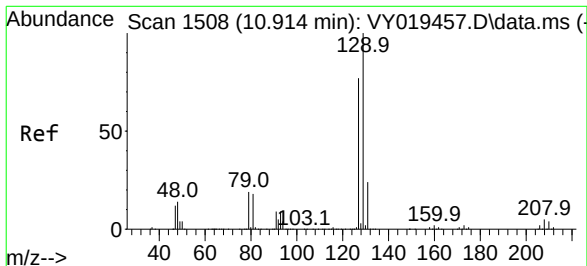
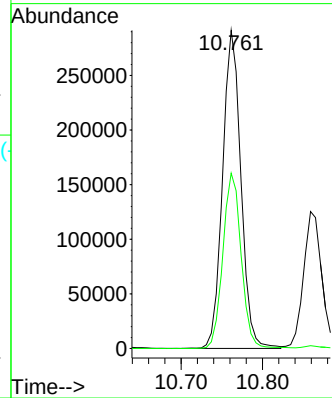
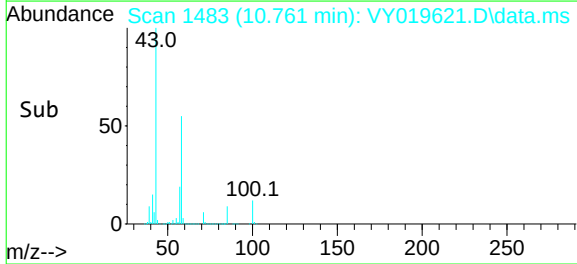
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 455554
Ion Ratio Lower Upper
43 100
58 55.1 31.4 94.0

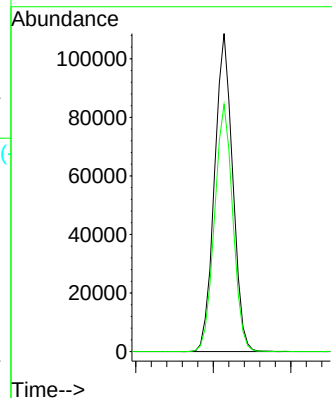
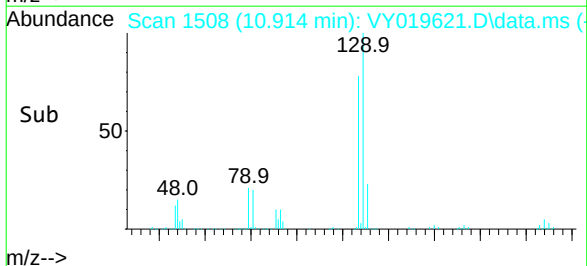
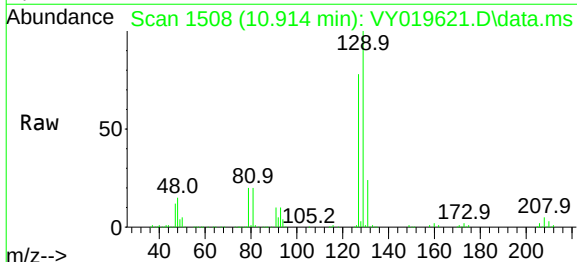
Manual Integrations
APPROVED

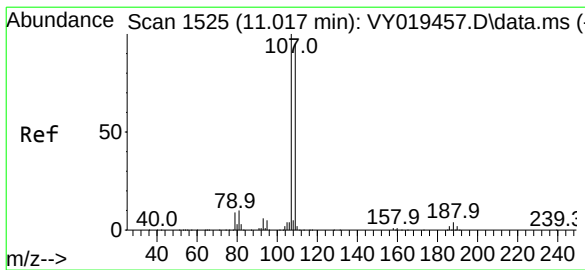
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#60
Dibromochloromethane
Concen: 48.136 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

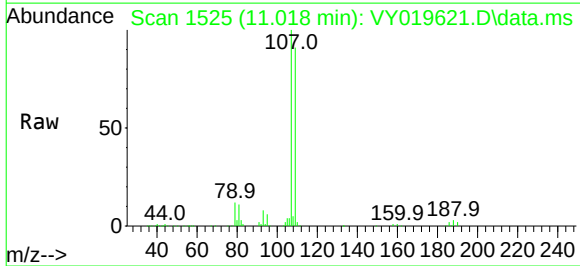
Tgt Ion:129 Resp: 176695
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0





#61
1,2-Dibromoethane
Concen: 46.469 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

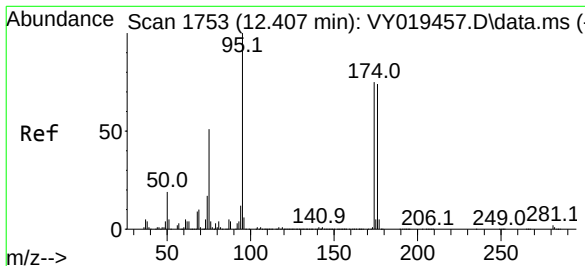
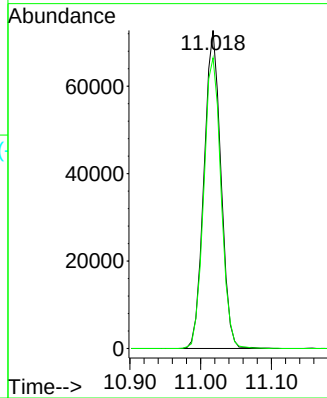
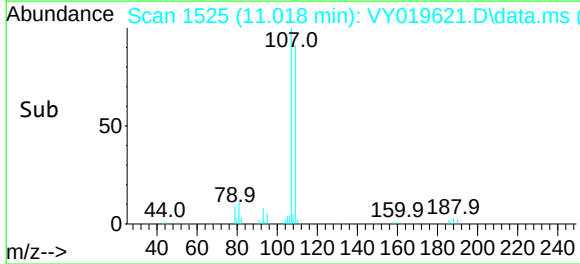
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



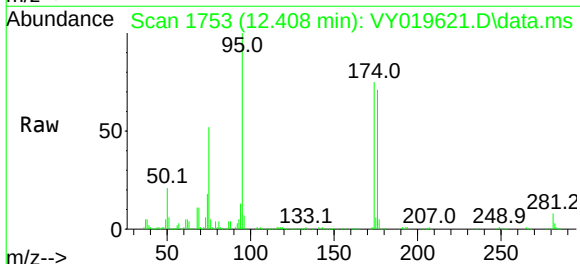
Tgt Ion: 107 Resp: 120146
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

Manual Integrations
APPROVED

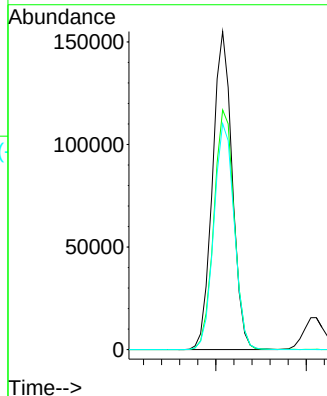
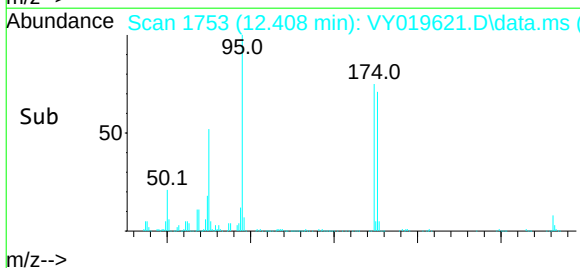
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024

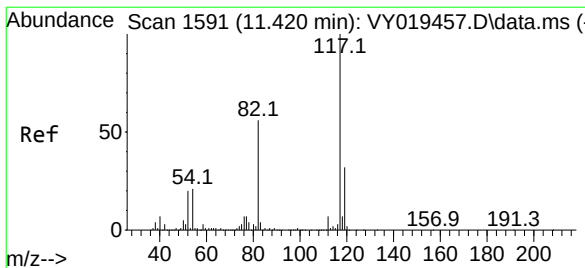


#62
4-Bromofluorobenzene
Concen: 45.882 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion: 95 Resp: 234017
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

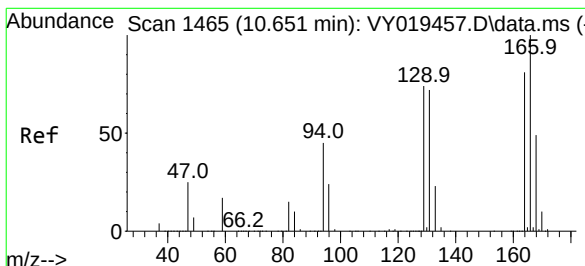
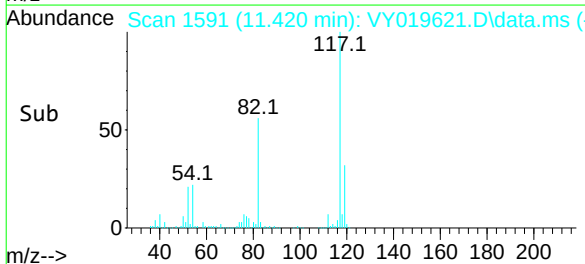
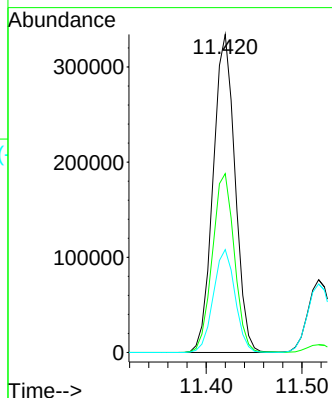
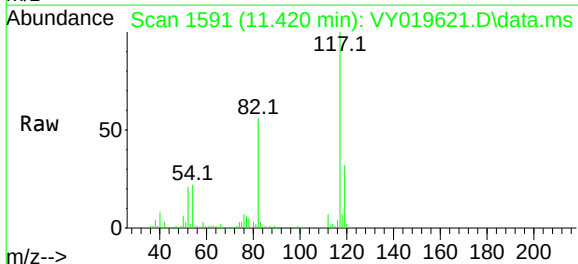
VSTDCCC050

Tgt Ion:	117	Resp:	531133
Ion Ratio	Lower	Upper	
117	100		
82	56.2	42.4	63.6
119	32.3	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#64

Tetrachloroethene

Concen: 50.415 ug/l

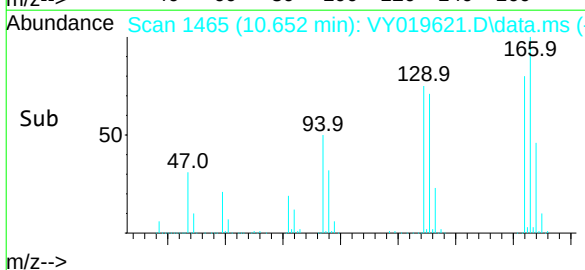
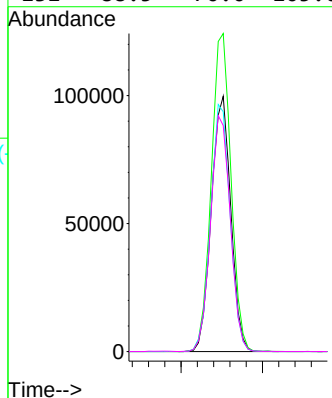
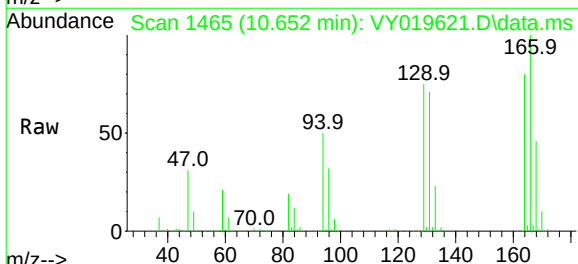
RT: 10.652 min Scan# 1465

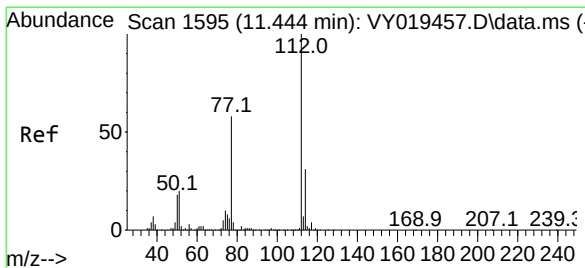
Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:	164	Resp:	165818
Ion Ratio	Lower	Upper	
164	100		
166	124.6	102.6	154.0
129	93.9	72.0	108.0
131	88.5	70.0	105.0





#65

Chlorobenzene

Concen: 50.864 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 531412

Ion Ratio Lower Upper

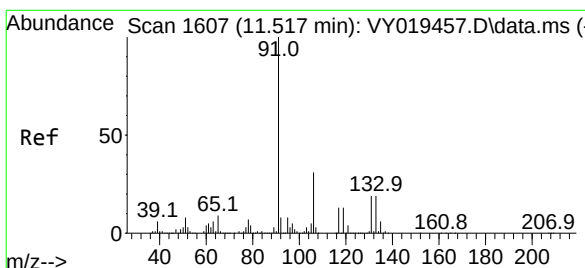
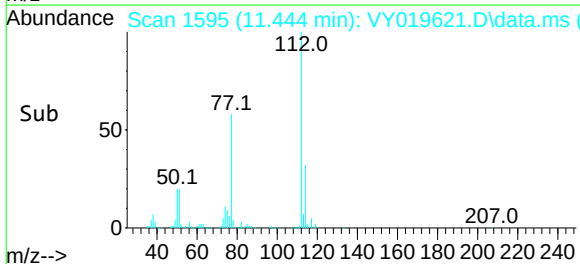
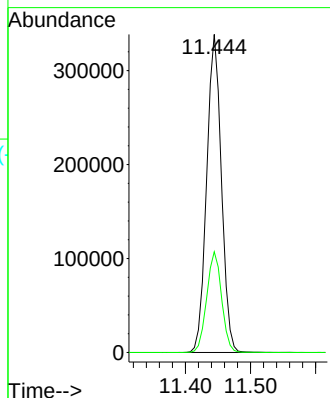
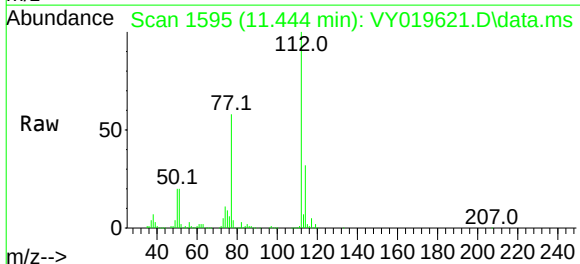
112 100

114 31.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 50.477 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

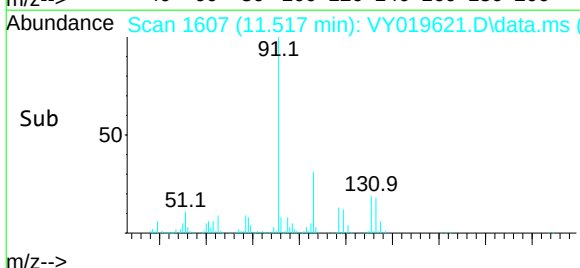
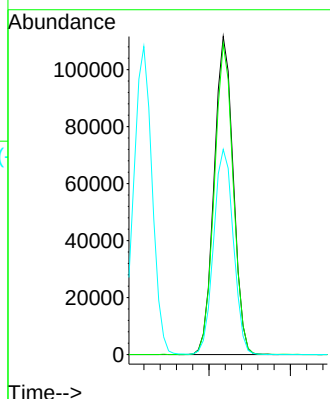
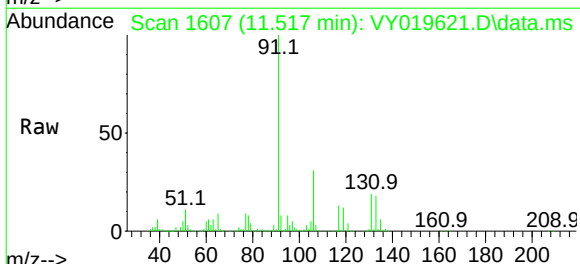
Tgt Ion:131 Resp: 182594

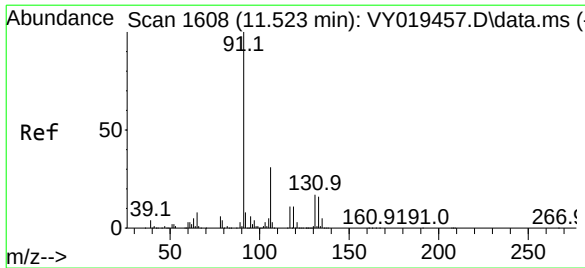
Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.3

119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 52.424 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 973191

Ion Ratio Lower Upper

91 100

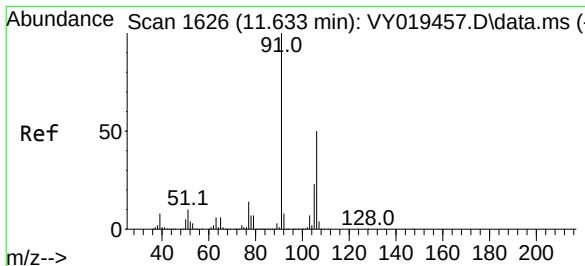
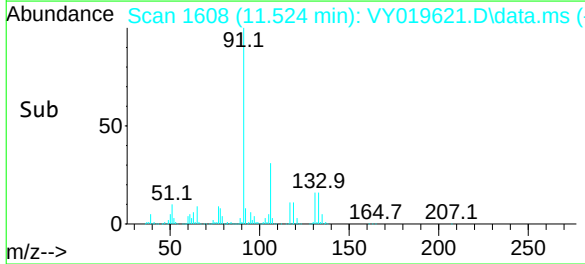
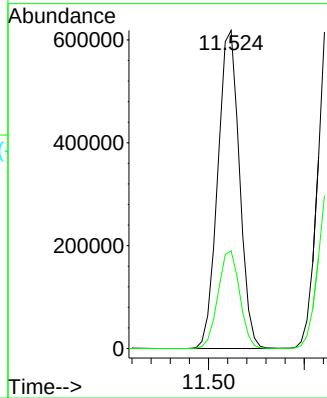
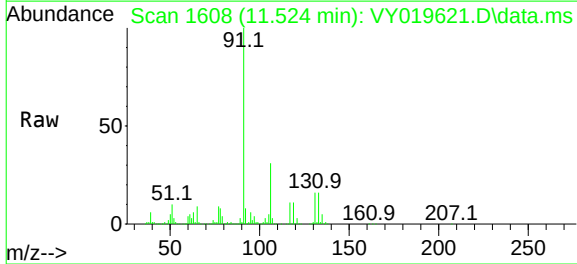
106 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#68

m/p-Xylenes

Concen: 103.745 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019621.D

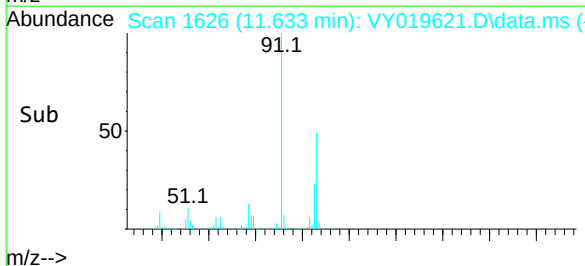
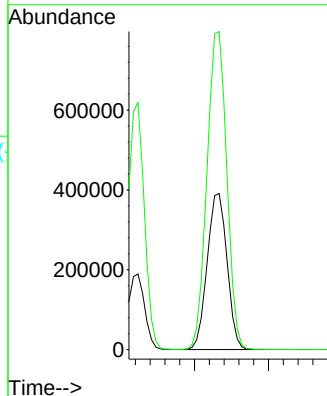
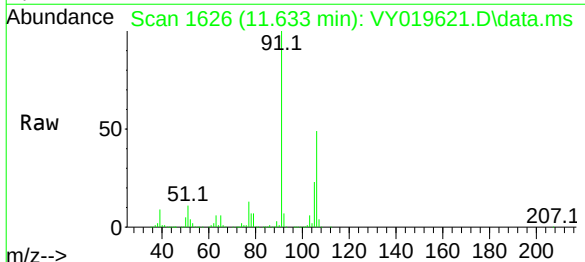
Acq: 19 Sep 2024 09:24

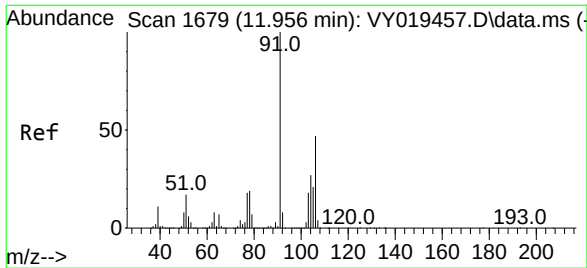
Tgt Ion:106 Resp: 728229

Ion Ratio Lower Upper

106 100

91 203.6 156.0 234.0





#69

o-Xylene

Concen: 50.489 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 346596

Ion Ratio Lower Upper

106 100

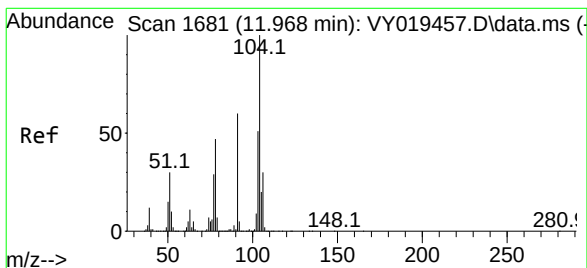
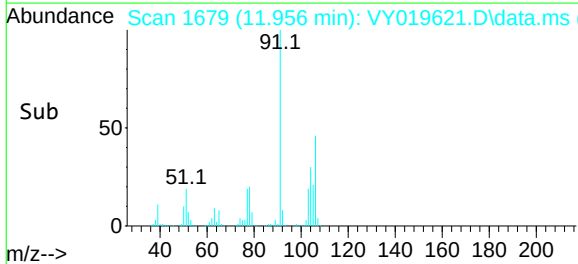
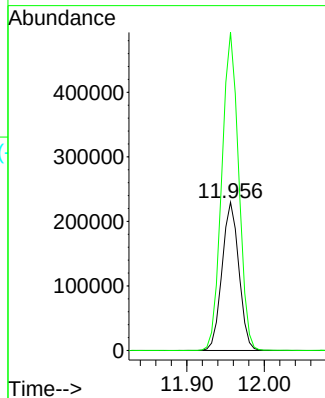
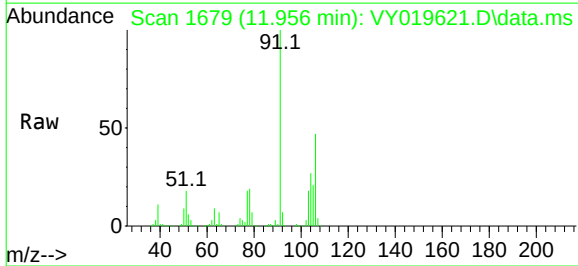
91 215.8 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#70

Styrene

Concen: 50.309 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

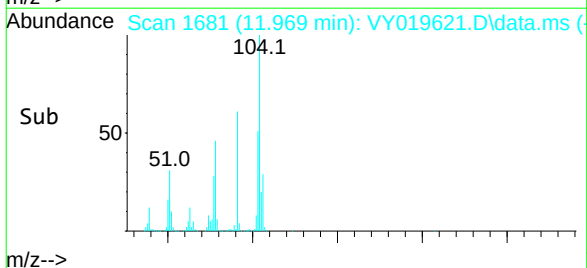
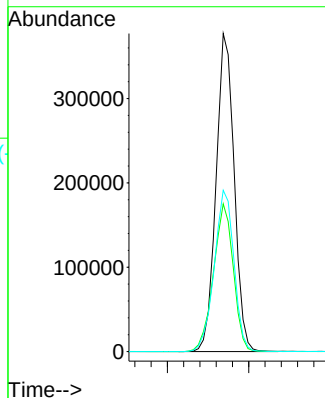
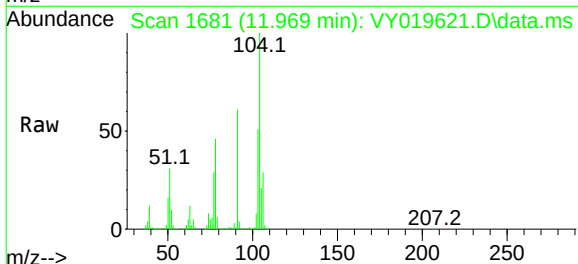
Tgt Ion:104 Resp: 583092

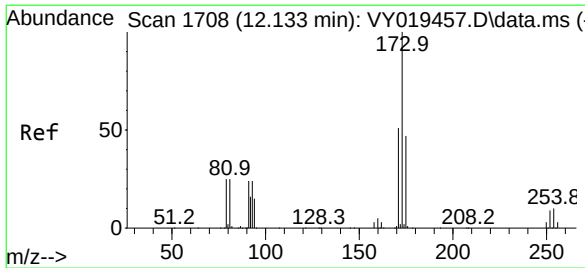
Ion Ratio Lower Upper

104 100

78 50.9 37.0 55.4

103 55.2 44.2 66.2





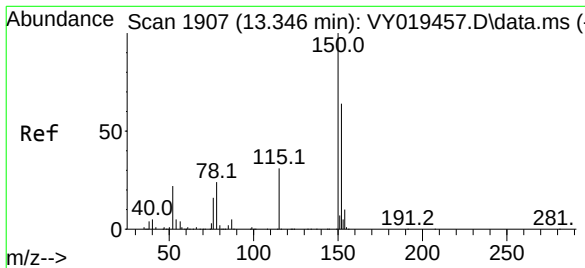
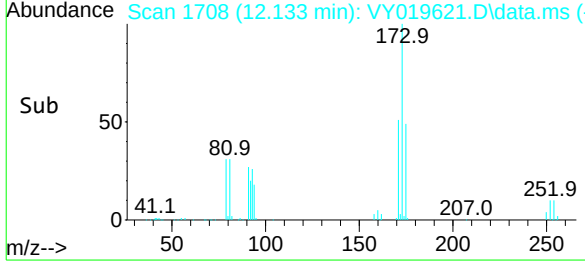
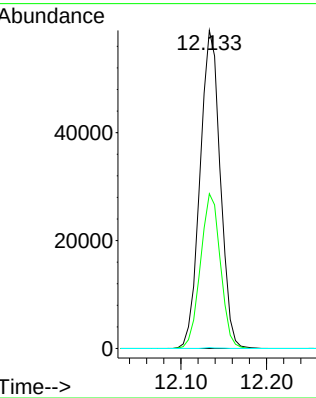
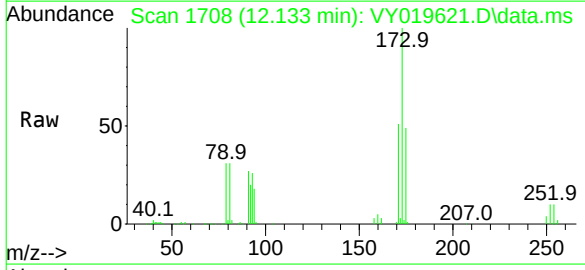
#71
Bromoform
Concen: 46.790 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	25.1	75.3
254	0.2	0.0	0.0

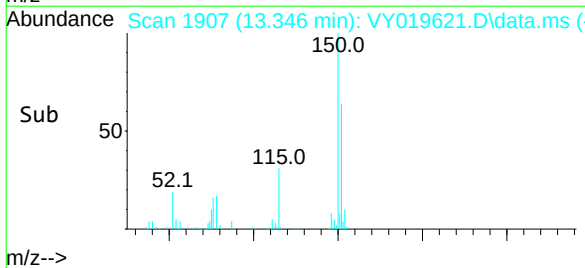
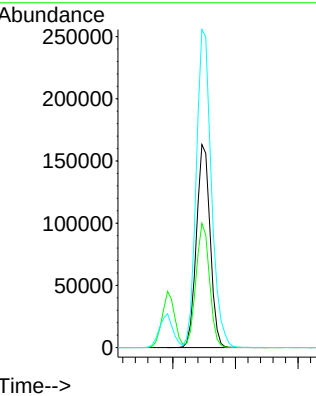
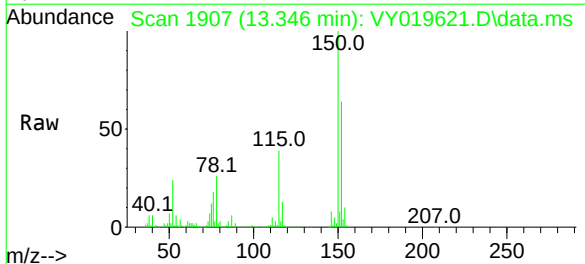
Manual Integrations
APPROVED

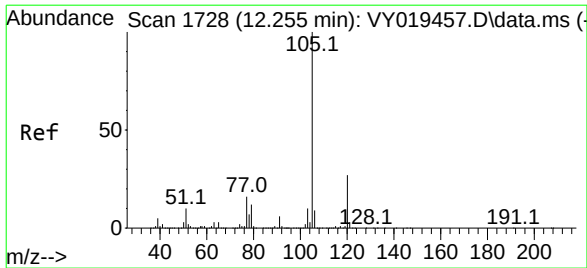
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	172.1	0.0	345.6





#73

Isopropylbenzene

Concen: 52.655 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 947983

Ion Ratio Lower Upper

105 100

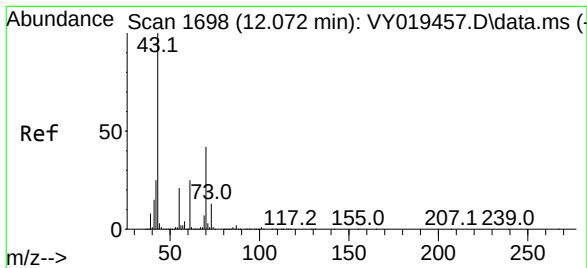
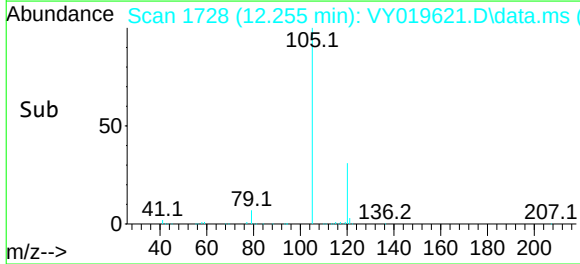
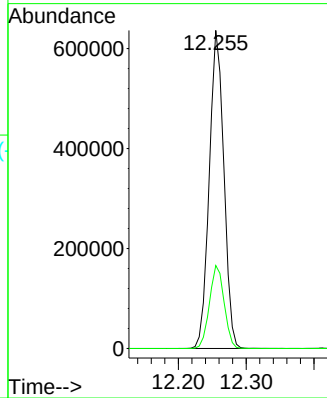
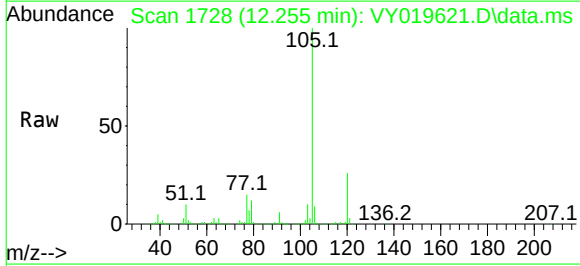
120 26.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#74

N-ethyl acetate

Concen: 43.853 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion: 43 Resp: 214723

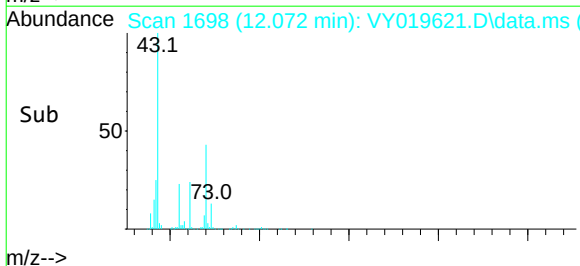
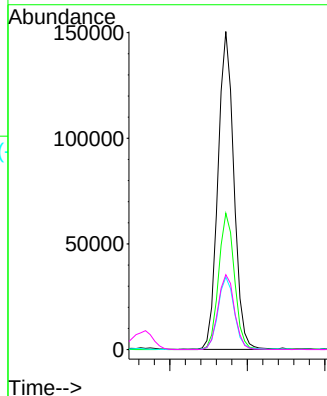
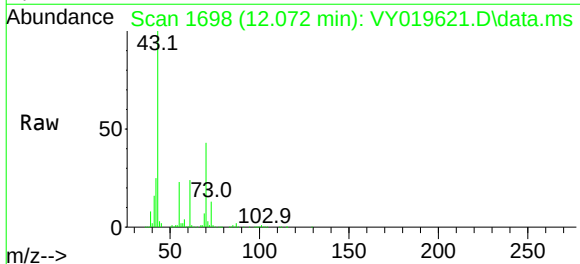
Ion Ratio Lower Upper

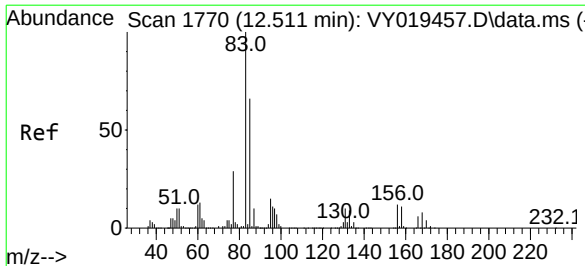
43 100

70 42.7 41.4 62.2

55 23.5 23.3 34.9

61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.324 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

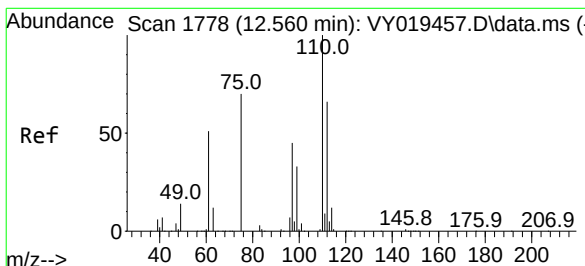
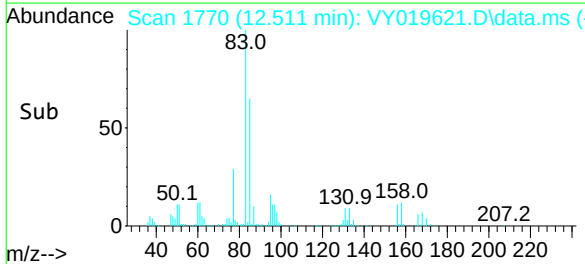
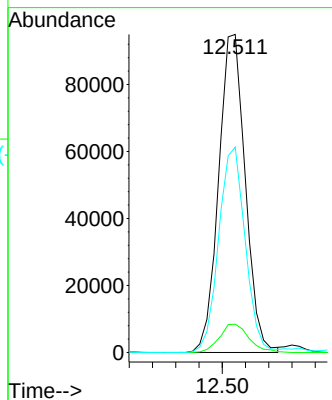
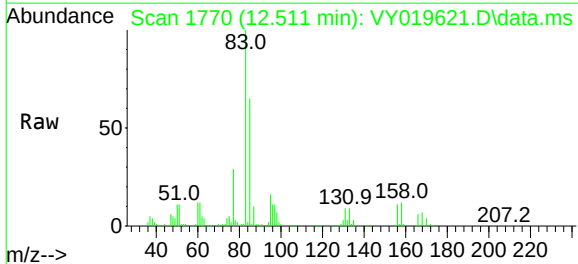
VSTDCCC050

Tgt Ion:	83	Resp:	151227
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#76

1,2,3-Trichloropropane

Concen: 49.465 ug/l m

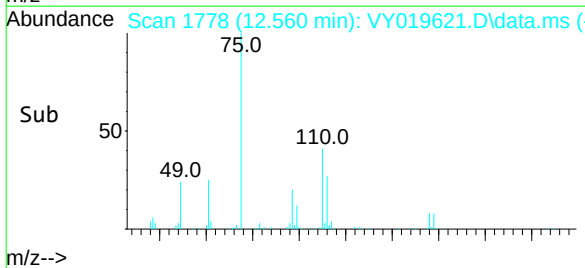
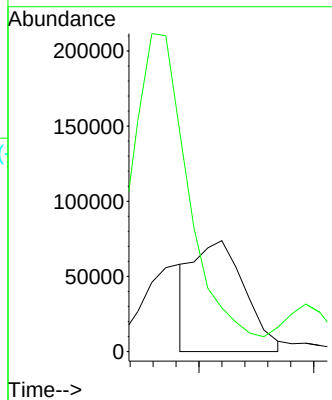
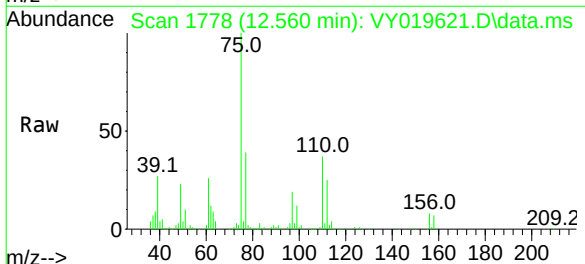
RT: 12.560 min Scan# 1778

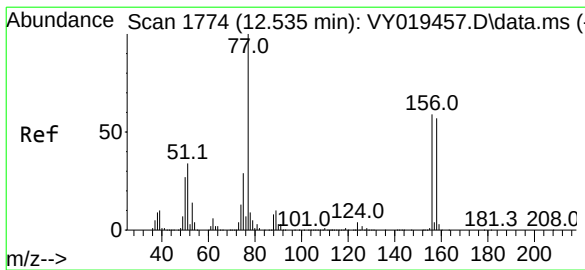
Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:	75	Resp:	115058
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.005 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

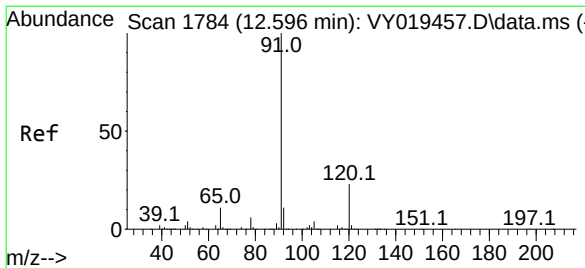
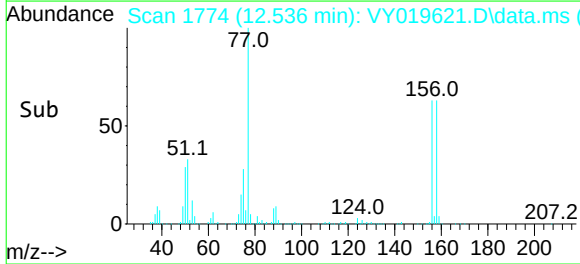
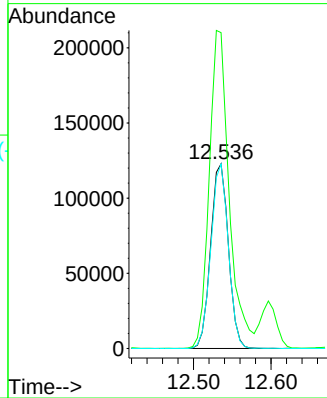
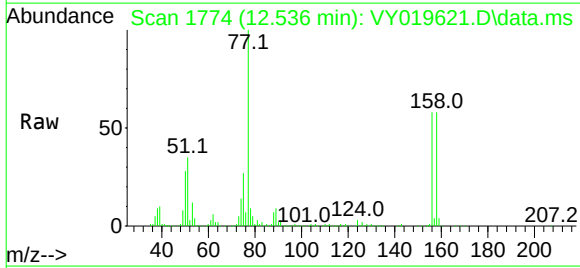
VSTDCCC050

Tgt Ion:	156	Resp:	195675
Ion Ratio	Lower	Upper	
156	100		
77	193.0	87.1	261.3
158	98.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#78

n-propylbenzene

Concen: 52.949 ug/l

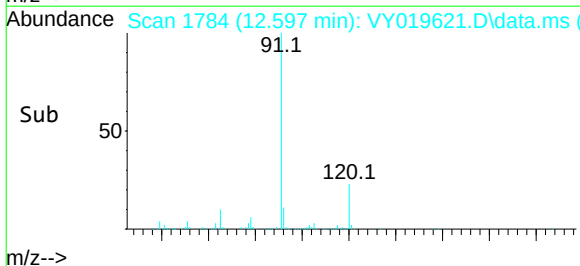
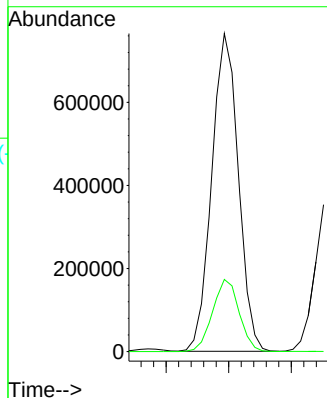
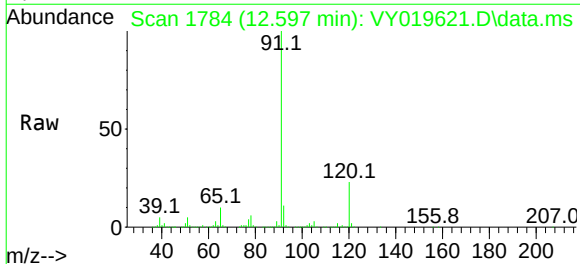
RT: 12.597 min Scan# 1784

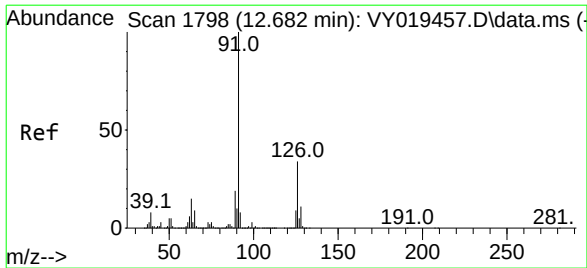
Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

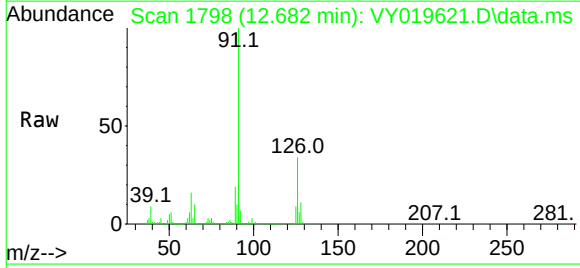
Tgt Ion:	91	Resp:	1129889
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.928 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

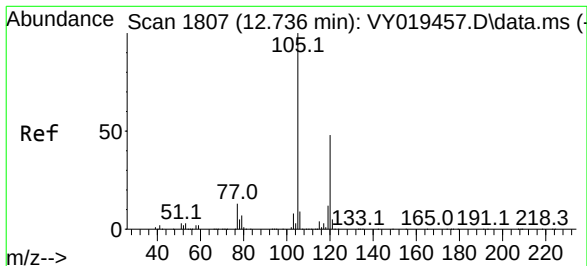
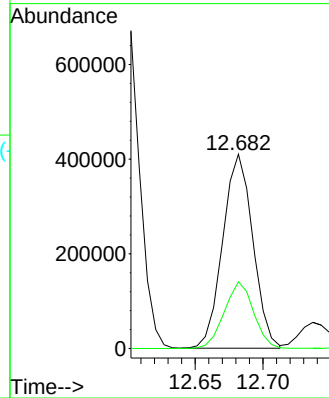
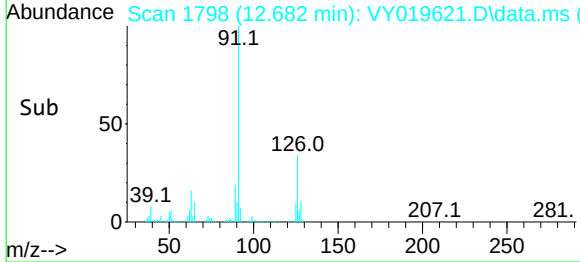
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 633336
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5

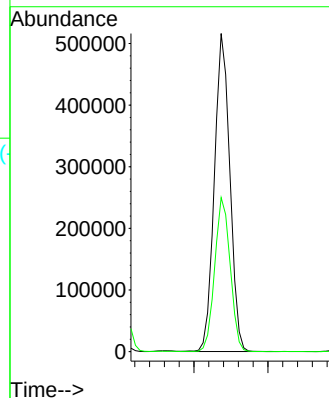
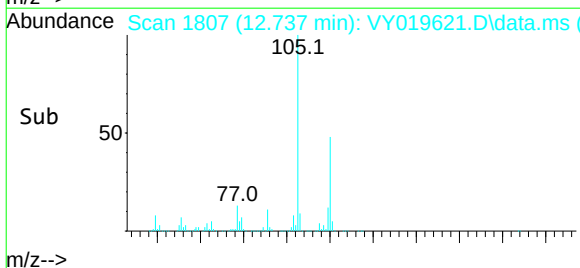
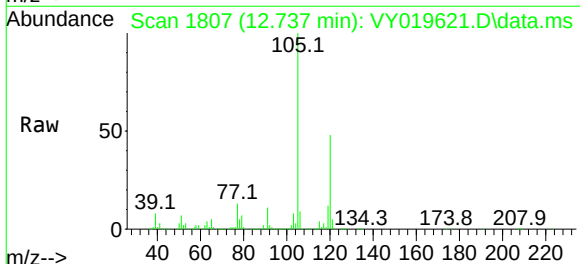
Manual Integrations
APPROVED

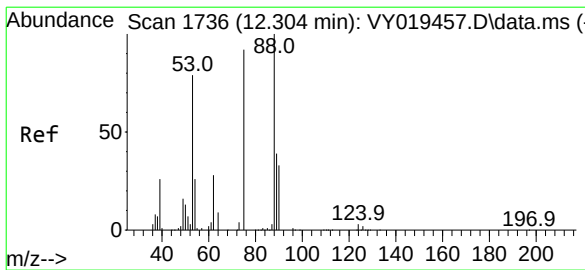
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 51.302 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:105 Resp: 750862
Ion Ratio Lower Upper
105 100
120 48.3 25.1 75.2





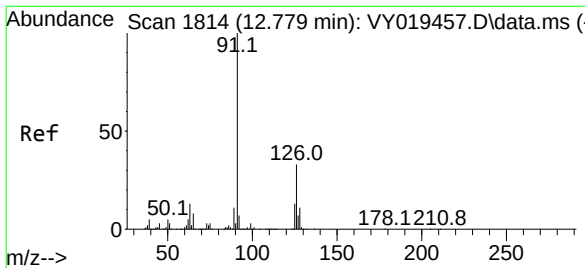
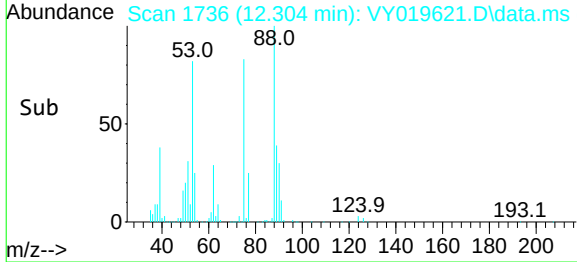
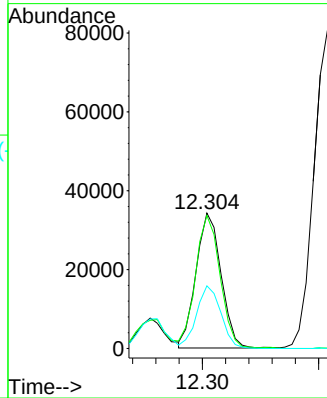
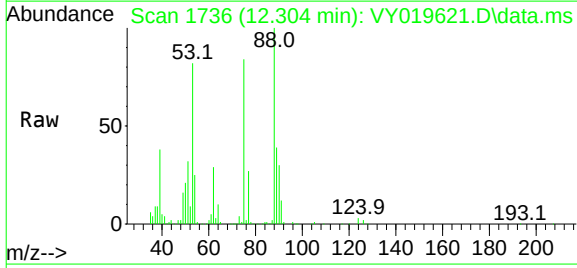
#81
trans-1,4-Dichloro-2-butene
Concen: 42.271 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.0	66.8	100.2
89	45.1	35.8	53.6

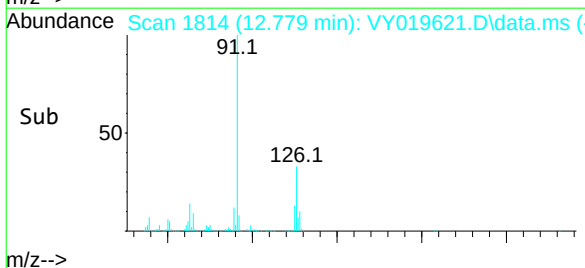
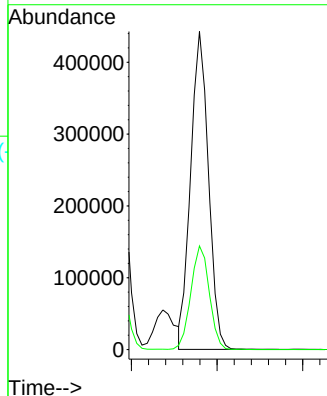
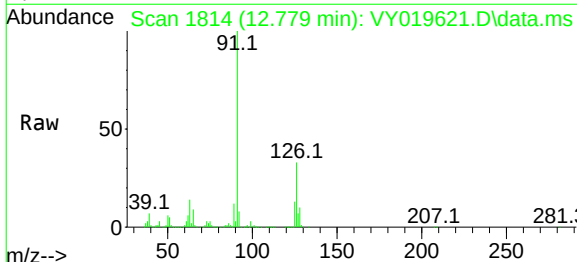
Manual Integrations
APPROVED

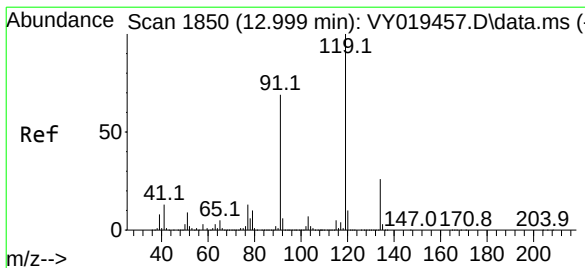
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#82
4-Chlorotoluene
Concen: 49.965 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 51.835 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 686822

Ion Ratio Lower Upper

119 100

91 67.2 31.3 93.8

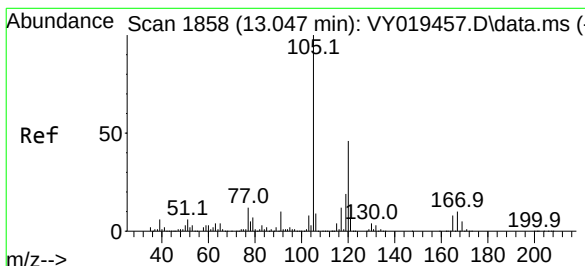
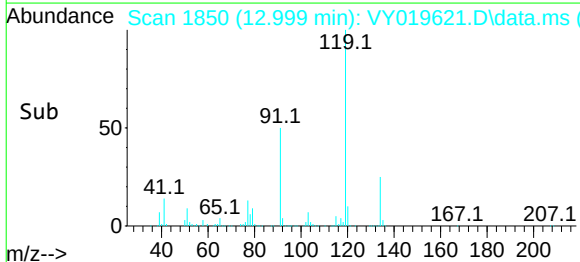
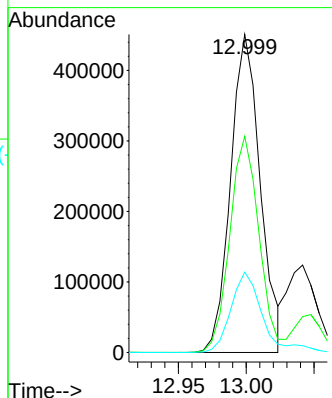
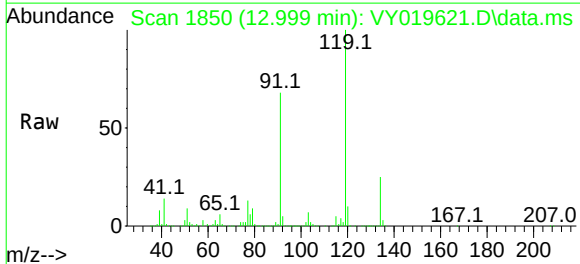
134 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.987 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VY019621.D

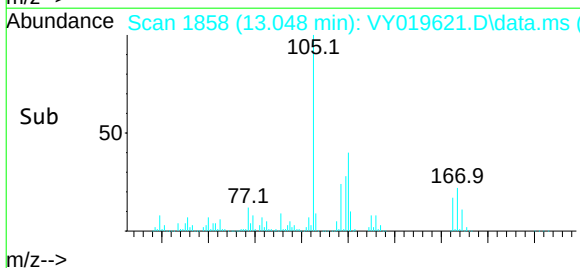
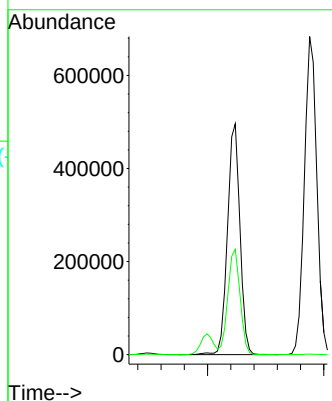
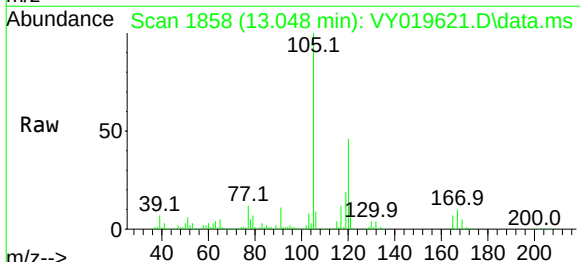
Acq: 19 Sep 2024 09:24

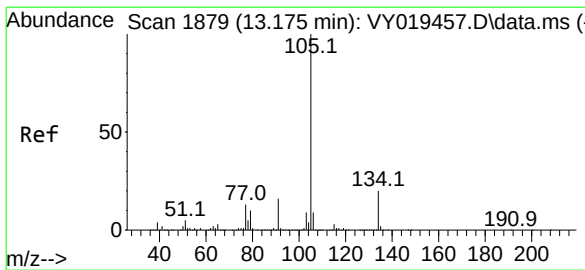
Tgt Ion:105 Resp: 738688

Ion Ratio Lower Upper

105 100

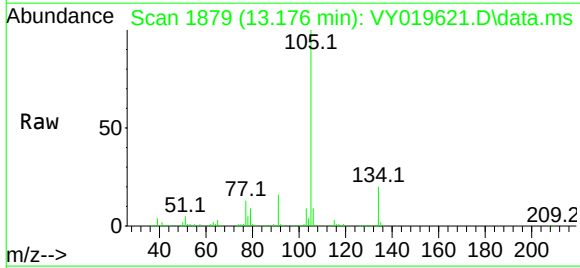
120 45.0 23.2 69.6





#85
sec-Butylbenzene
Concen: 52.740 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

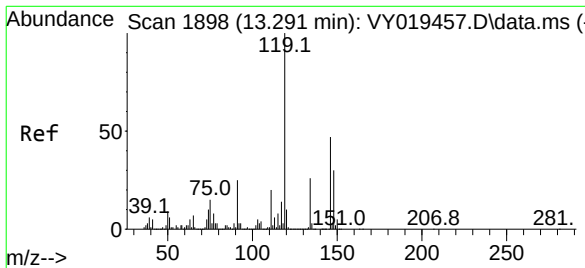
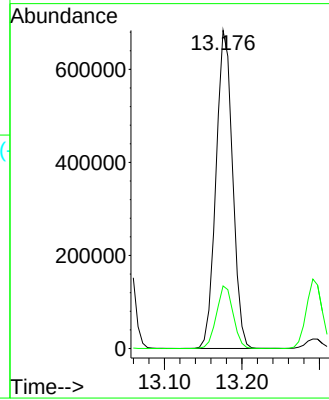
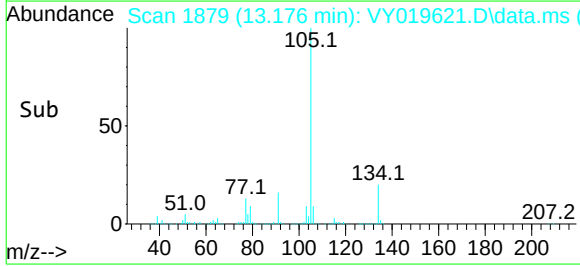
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



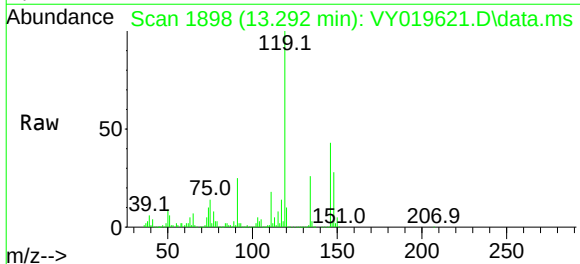
Tgt Ion:105 Resp: 1015176
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1

Manual Integrations
APPROVED

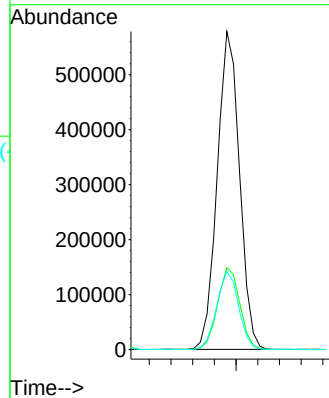
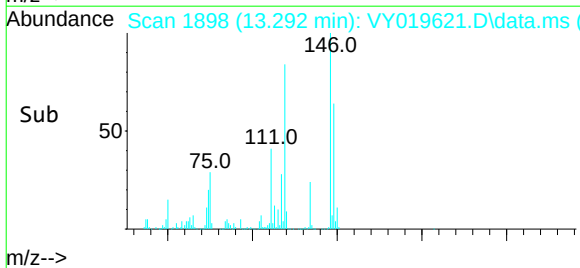
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024

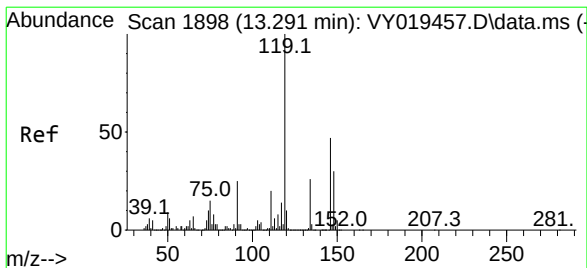


#86
p-Isopropyltoluene
Concen: 52.309 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24



Tgt Ion:119 Resp: 823794
Ion Ratio Lower Upper
119 100
134 25.7 13.1 39.3
91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.570 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019621.D

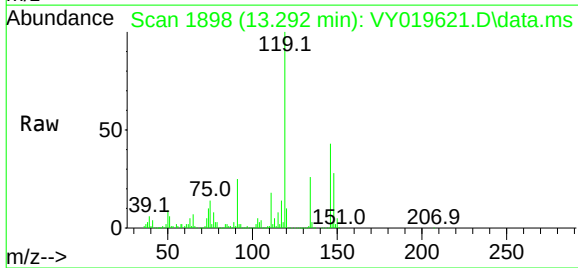
Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 392366

Ion Ratio Lower Upper

146 100

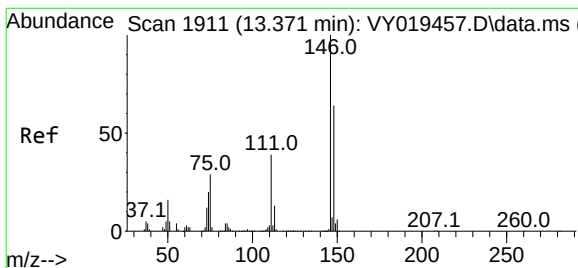
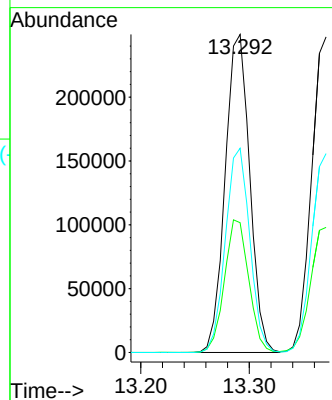
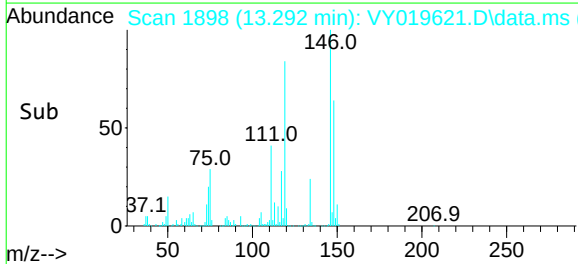
111 41.2 19.0 57.0

148 63.7 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#88

1,4-Dichlorobenzene

Concen: 50.306 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

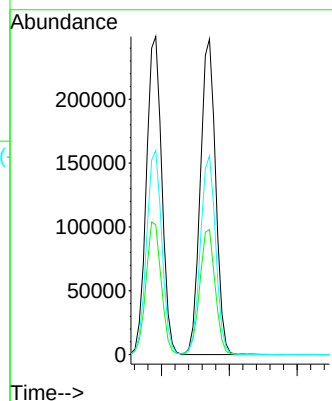
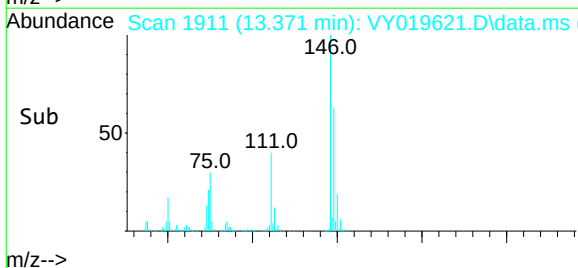
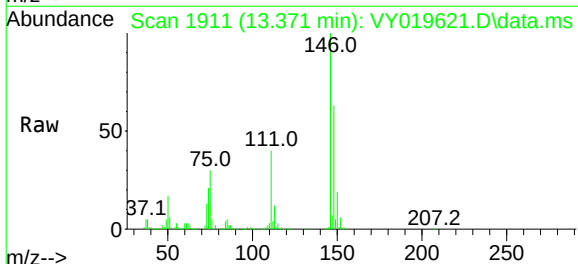
Tgt Ion:146 Resp: 387363

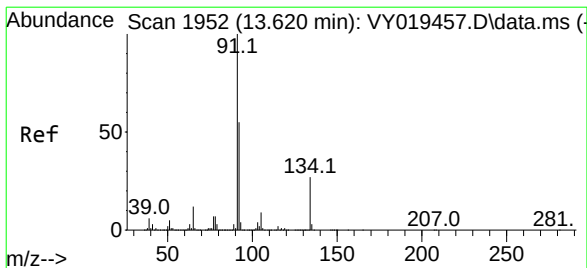
Ion Ratio Lower Upper

146 100

111 40.0 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 52.483 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

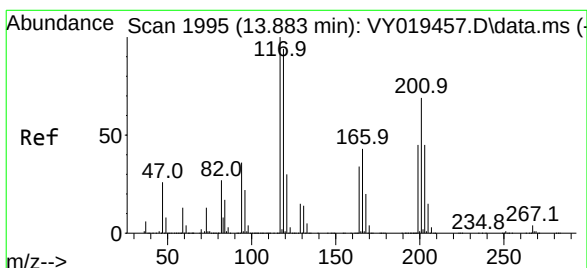
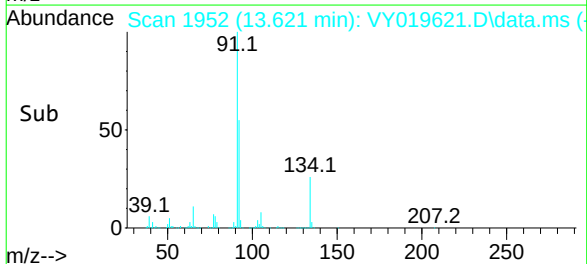
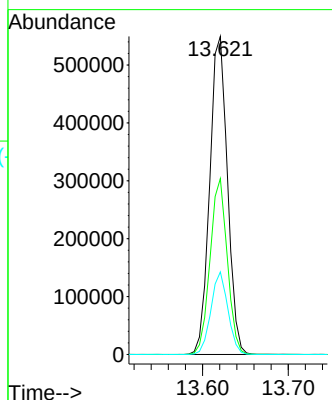
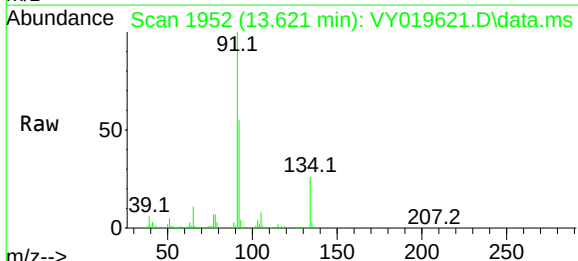
VSTDCCC050

Tgt Ion:	91	Resp:	790162
Ion Ratio	Lower	Upper	
91	100		
92	53.8	26.6	79.7
134	24.9	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#90

Hexachloroethane

Concen: 50.726 ug/l

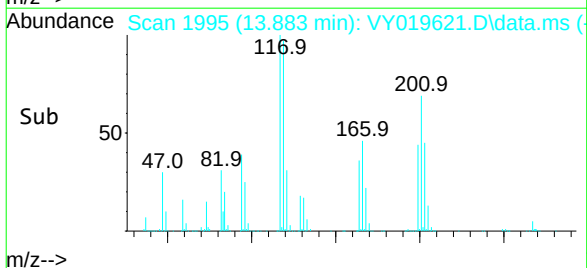
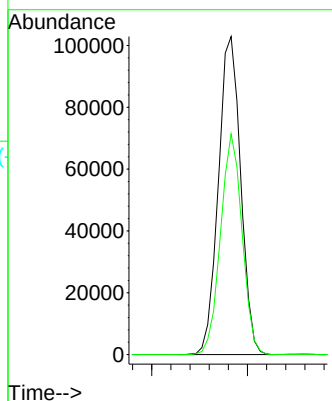
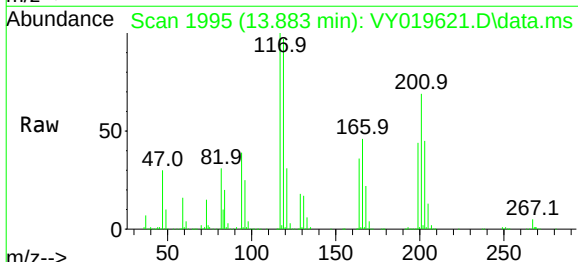
RT: 13.883 min Scan# 1995

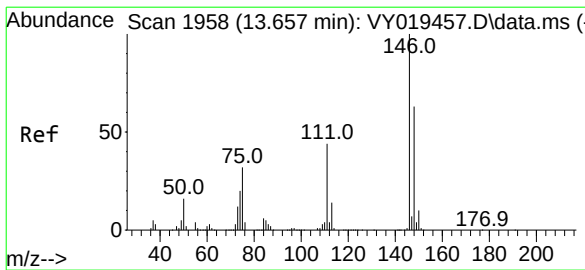
Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:	117	Resp:	166220
Ion Ratio	Lower	Upper	
117	100		
201	67.0	37.4	112.2





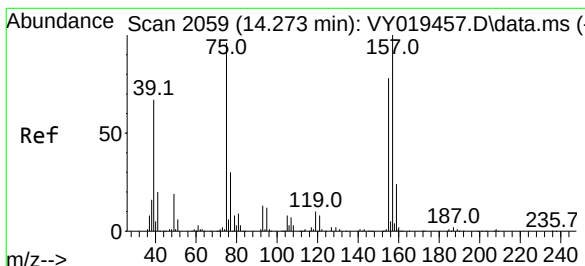
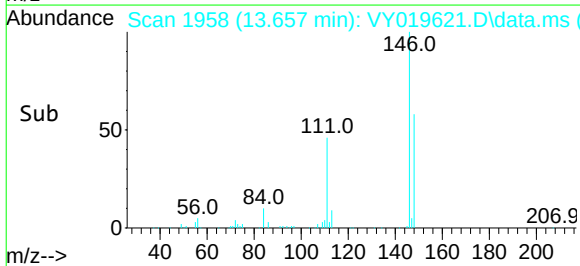
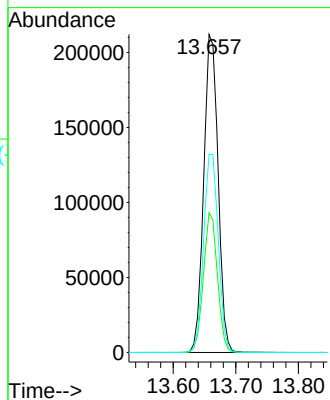
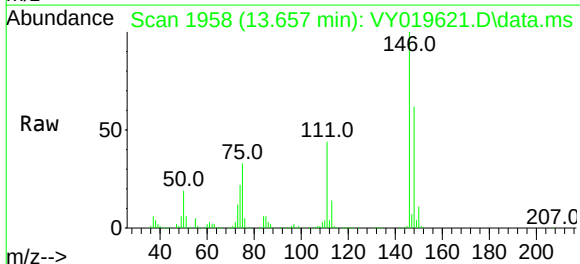
#91
1,2-Dichlorobenzene
Concen: 48.765 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:	146	Resp:	337632
Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.9	59.7
148	63.9	31.8	95.4

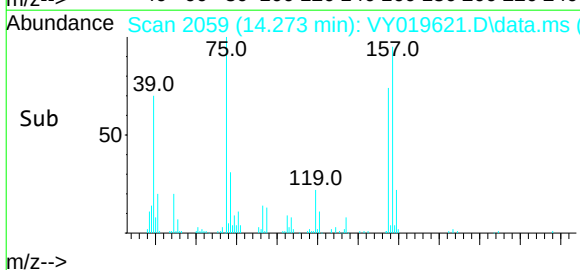
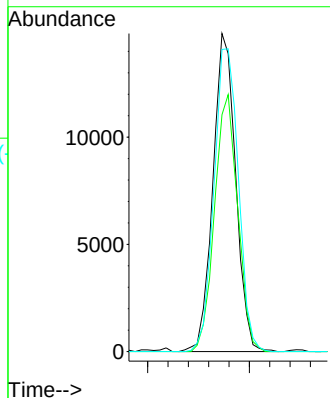
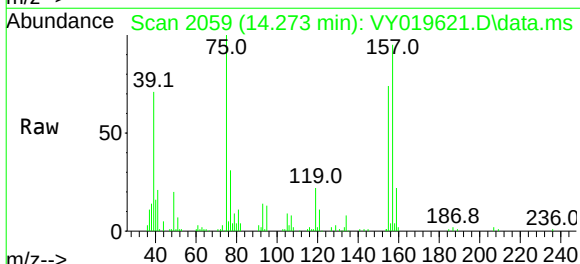
Manual Integrations
APPROVED

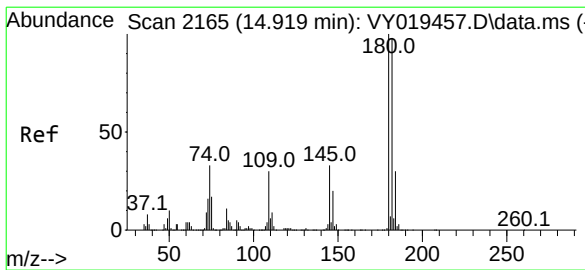
Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.208 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019621.D
Acq: 19 Sep 2024 09:24

Tgt Ion:	75	Resp:	23012
Ion	Ratio	Lower	Upper
75	100		
155	82.4	48.6	145.8
157	102.2	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 44.584 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 187746

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.8

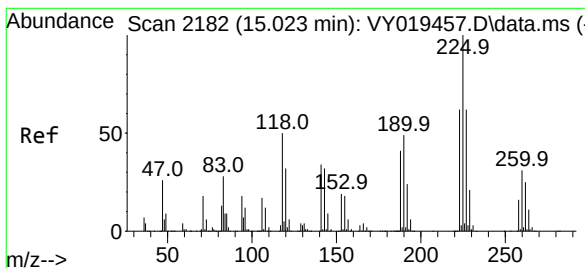
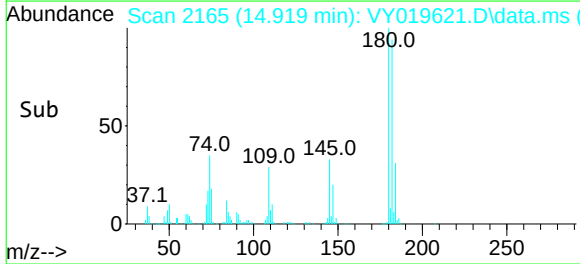
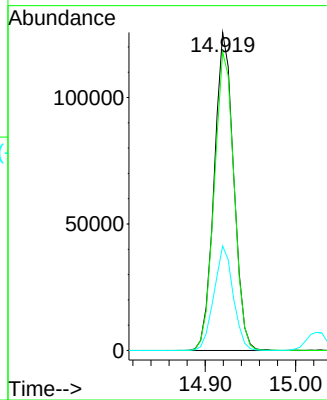
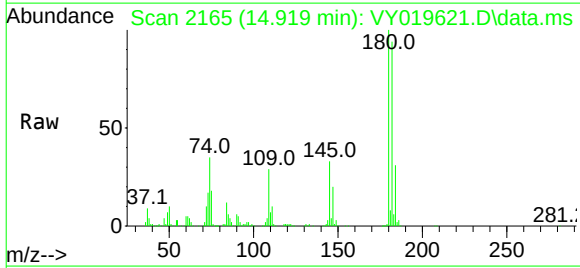
145 32.5 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024

Supervised By :Semsettin Yesilyurt 09/20/2024



#94

Hexachlorobutadiene

Concen: 46.159 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

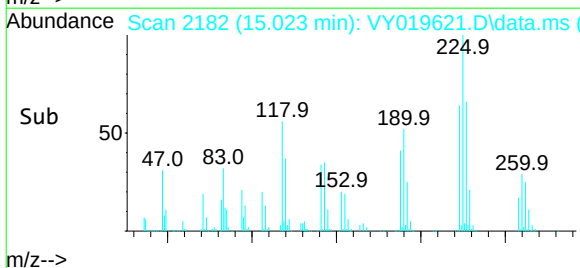
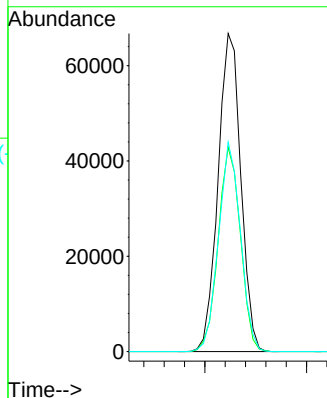
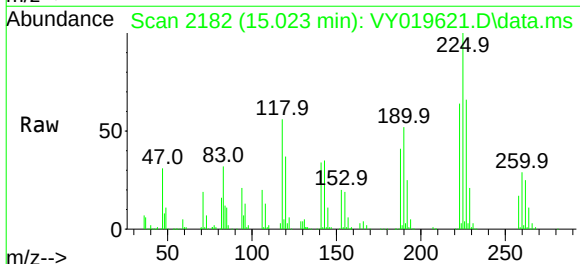
Tgt Ion:225 Resp: 103841

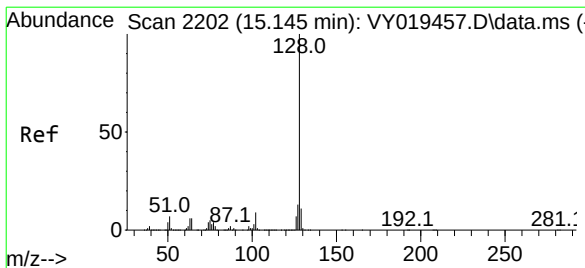
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 41.457 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Instrument :

MSVOA_Y

ClientSampleId :

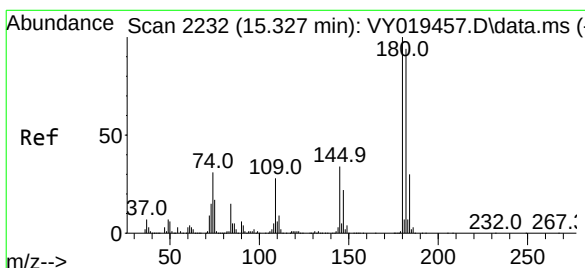
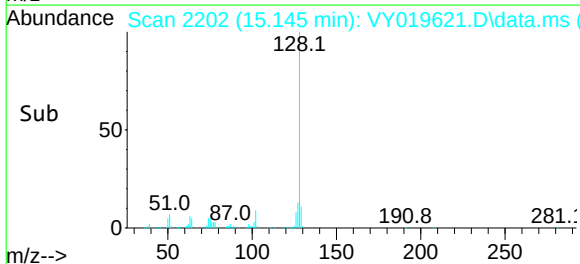
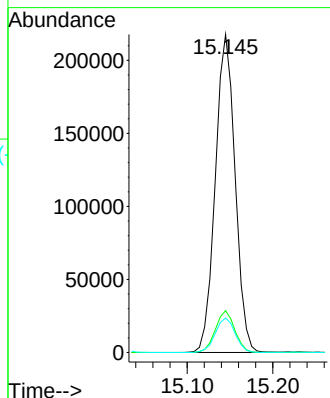
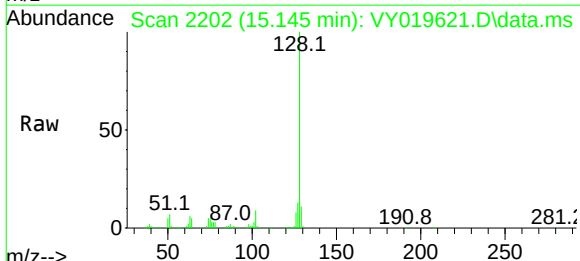
VSTDCCC050

Tgt Ion:	128	Resp:	349608
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/20/2024
Supervised By :Semsettin Yesilyurt 09/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 43.136 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019621.D

Acq: 19 Sep 2024 09:24

Tgt Ion:	180	Resp:	155375
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.6	142.9
145	34.6	15.4	46.1

