

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019952.D
 Acq On : 18 Oct 2024 15:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

Quant Time: Oct 19 01:36:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	216048	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	394615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	349895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	157055	59.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.080%			
35) Dibromofluoromethane	7.640	113	147245	56.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.100%			
50) Toluene-d8	10.109	98	534657	55.599	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.408	95	196583	56.576	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 113.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	84587	42.057	ug/l	99
3) Chloromethane	2.074	50	141546	54.073	ug/l	98
4) Vinyl Chloride	2.208	62	158209	54.923	ug/l	98
5) Bromomethane	2.598	94	104096	57.093	ug/l	98
6) Chloroethane	2.745	64	113403	58.602	ug/l	95
7) Trichlorofluoromethane	3.062	101	229034	53.435	ug/l	99
8) Diethyl Ether	3.458	74	73711	56.584	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.824	101	136965	54.936	ug/l	89
10) Methyl Iodide	4.007	142	130160	51.619	ug/l #	89
11) Tert butyl alcohol	4.860	59	49720	229.242	ug/l #	97
12) 1,1-Dichloroethene	3.793	96	121957	52.618	ug/l #	82
13) Acrolein	3.653	56	29485	150.841	ug/l	98
14) Allyl chloride	4.391	41	241554	57.761	ug/l #	89
15) Acrylonitrile	5.067	53	182358	306.054	ug/l	97
16) Acetone	3.873	43	191686	276.807	ug/l #	82
17) Carbon Disulfide	4.110	76	286822	46.169	ug/l	98
18) Methyl Acetate	4.391	43	103336	69.272	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	388473	58.340	ug/l	99
20) Methylene Chloride	4.622	84	151122	59.210	ug/l #	81
21) trans-1,2-Dichloroethene	5.122	96	141758	56.195	ug/l	87
22) Diisopropyl ether	6.025	45	588755	64.634	ug/l	91
23) Vinyl Acetate	5.970	43	1543749	295.621	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	309716	61.166	ug/l	98
25) 2-Butanone	6.896	43	272975	294.497	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	241053	53.455	ug/l	96
27) cis-1,2-Dichloroethene	6.896	96	186093	59.695	ug/l	83
28) Bromochloromethane	7.250	49	137225	61.572	ug/l #	71
29) Tetrahydrofuran	7.268	42	161560	305.262	ug/l #	81
30) Chloroform	7.427	83	324068	62.784	ug/l	99
31) Cyclohexane	7.707	56	228155	51.330	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	266442	58.902	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	205497	54.776	ug/l	94
37) Ethyl Acetate	6.988	43	111356	56.924	ug/l	96
38) Carbon Tetrachloride	7.823	117	217886	54.176	ug/l	99
39) Methylcyclohexane	9.109	83	240665	50.913	ug/l #	86
40) Benzene	8.085	78	655260	57.713	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	63596	60.067	ug/l #	87
42) 1,2-Dichloroethane	8.158	62	194370	59.589	ug/l	95
43) Isopropyl Acetate	8.201	43	227914	57.128	ug/l #	88
44) Trichloroethene	8.866	130	147576	53.666	ug/l	92
45) 1,2-Dichloropropane	9.140	63	170800	60.103	ug/l	96
46) Dibromomethane	9.231	93	89182	57.439	ug/l	88
47) Bromodichloromethane	9.426	83	251597	61.050	ug/l	97
48) Methyl methacrylate	9.219	41	107101	61.030	ug/l #	78
49) 1,4-Dioxane	9.231	88	20241	1164.781	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	617010	303.214	ug/l	88
52) Toluene	10.170	92	412821	58.250	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	210970	56.895	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	249987	57.135	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	120820	59.063	ug/l	94
56) Ethyl methacrylate	10.438	69	174464	59.438	ug/l #	76
57) 1,3-Dichloropropane	10.719	76	215804	60.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	383552	280.694	ug/l	91
59) 2-Hexanone	10.762	43	420771	289.510	ug/l	86
60) Dibromochloromethane	10.914	129	152978	58.265	ug/l	100
61) 1,2-Dibromoethane	11.012	107	107606	58.212	ug/l	95
64) Tetrachloroethene	10.646	164	128524	51.642	ug/l	95
65) Chlorobenzene	11.444	112	447691	55.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	156082	57.644	ug/l	99
67) Ethyl Benzene	11.518	91	817461	56.231	ug/l	99
68) m/p-Xylenes	11.627	106	598774	111.523	ug/l	90
69) o-Xylene	11.956	106	291324	56.473	ug/l	91
70) Styrene	11.969	104	504208	57.933	ug/l	95
71) Bromoform	12.133	173	79771	55.033	ug/l #	97
73) Isopropylbenzene	12.255	105	794072	54.699	ug/l	97
74) N-amyl acetate	12.072	43	205197	53.367	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	148136	57.427	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	81986m	24.249	ug/l	
77) Bromobenzene	12.530	156	164191	53.298	ug/l	82
78) n-propylbenzene	12.597	91	977980	55.752	ug/l	96
79) 2-Chlorotoluene	12.682	91	547672	54.460	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	635372	54.194	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	43370	51.776	ug/l #	80
82) 4-Chlorotoluene	12.780	91	565848	55.029	ug/l	94
83) tert-Butylbenzene	12.999	119	583377	55.544	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	633700	54.518	ug/l	96
85) sec-Butylbenzene	13.176	105	869896	55.435	ug/l	97
86) p-Isopropyltoluene	13.292	119	685311	53.782	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	327749	52.683	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	320768	52.484	ug/l	97
89) n-Butylbenzene	13.615	91	677190	54.426	ug/l	98
90) Hexachloroethane	13.877	117	136721	55.102	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	293436	53.680	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	21295	51.727	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	149030	48.621	ug/l	98
94) Hexachlorobutadiene	15.023	225	81554	47.857	ug/l	98
95) Naphthalene	15.145	128	294834	51.000	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	127034	49.028	ug/l	98

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Response via : Initial Calibration

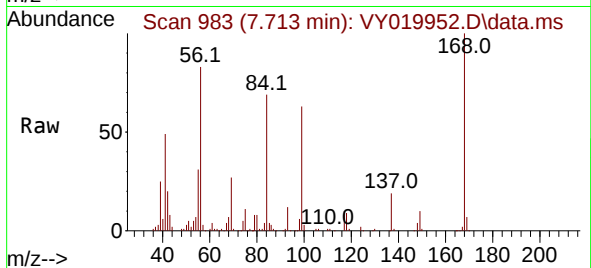
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

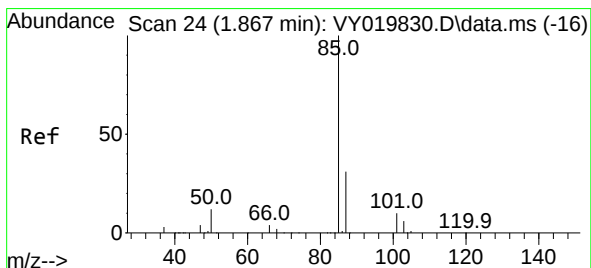
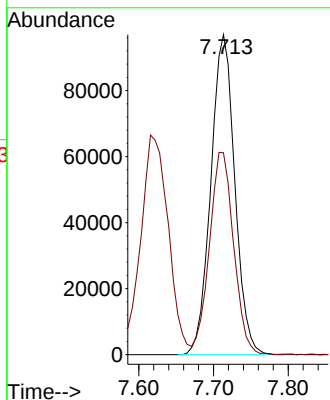
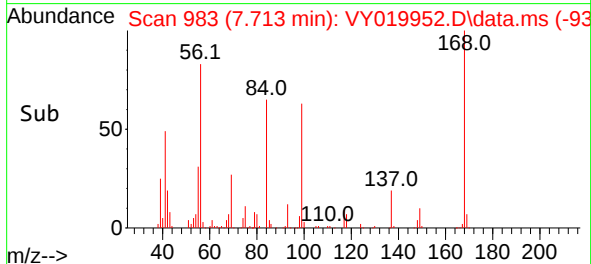
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 216048
Ion Ratio Lower Upper
168 100
99 63.1 39.1 58.7

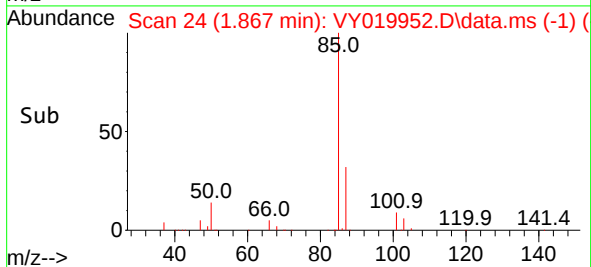
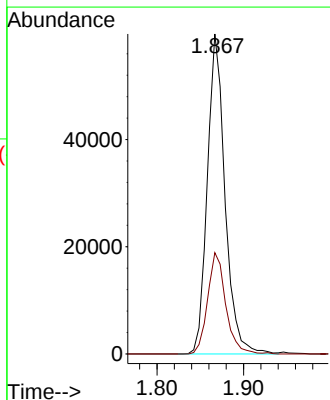
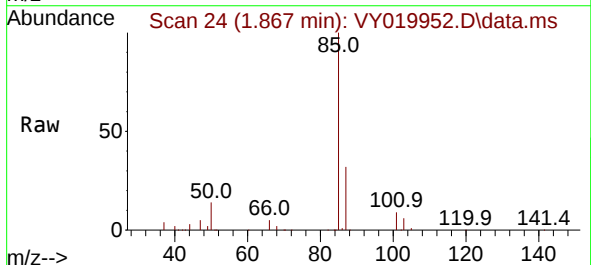
Manual Integrations
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Supervised By :Semsettin Yesilyurt 10/21/2024



#2
Dichlorodifluoromethane
Concen: 42.057 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

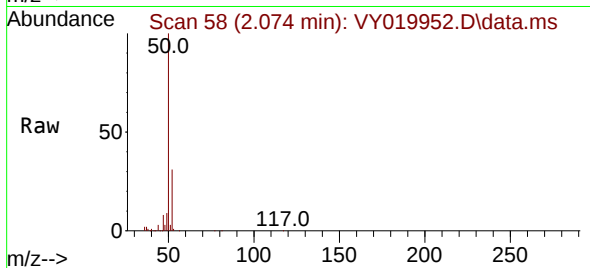
Tgt Ion: 85 Resp: 84587
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0





#3
Chloromethane
Concen: 54.073 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

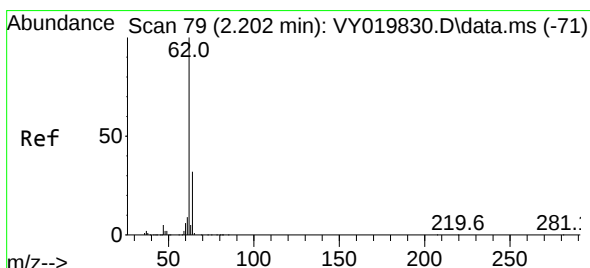
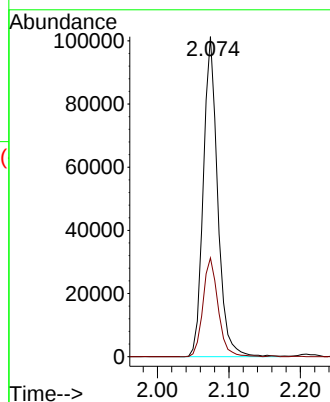
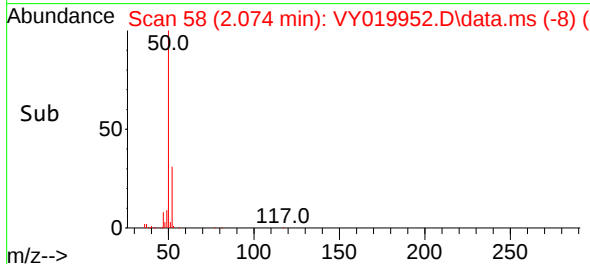
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 141540
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4

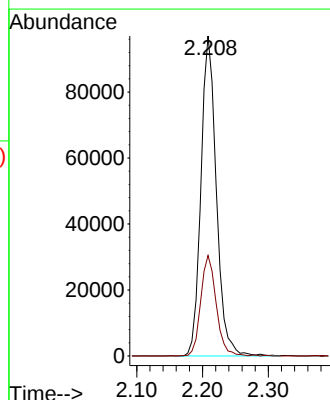
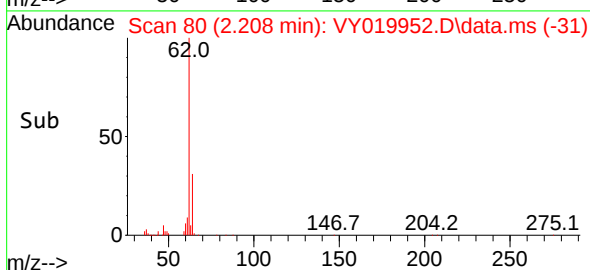
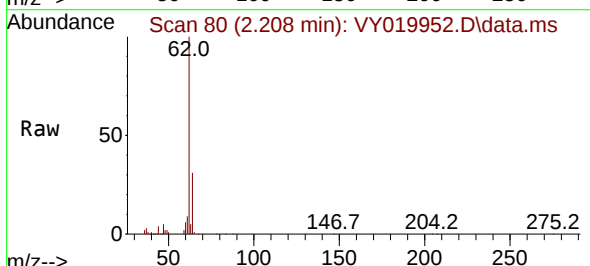
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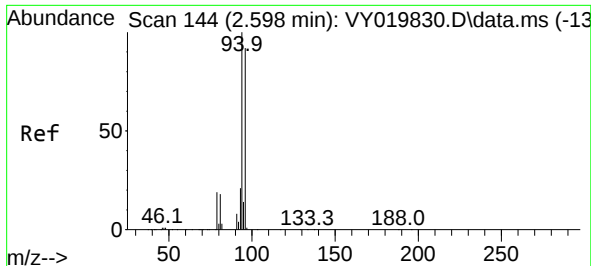
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#4
Vinyl Chloride
Concen: 54.923 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

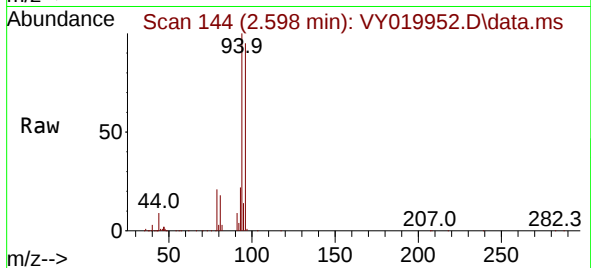
Tgt Ion: 62 Resp: 158209
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1





#5
Bromomethane
Concen: 57.093 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

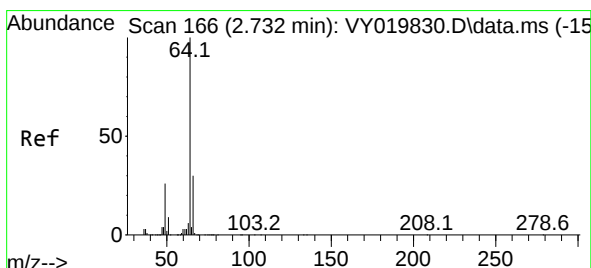
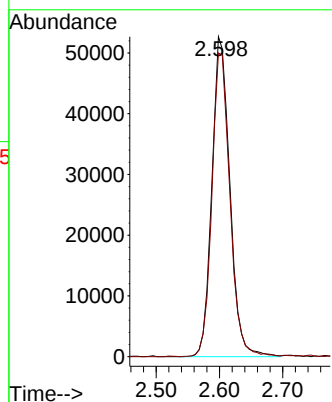
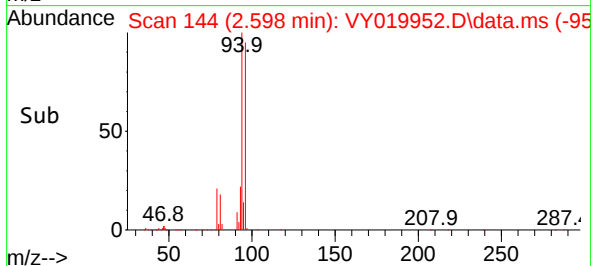
Instrument :
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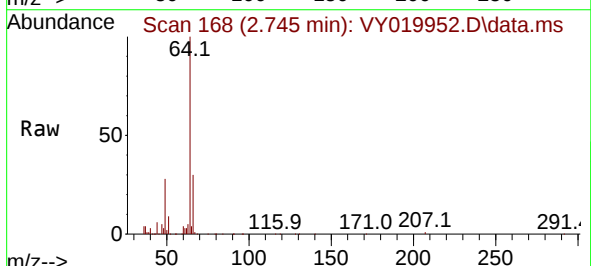
Tgt Ion: 94 Resp: 104090
Ion Ratio Lower Upper
94 100
96 94.9 74.1 111.1

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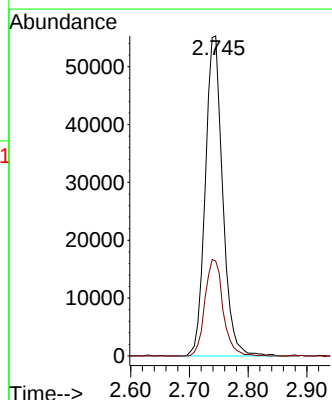
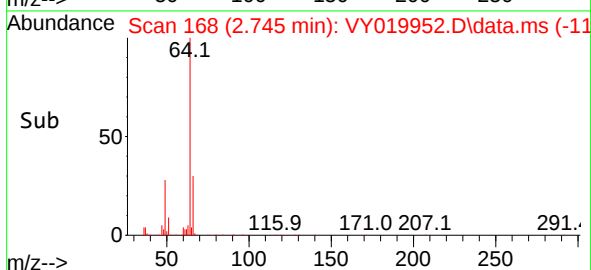
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#6
Chloroethane
Concen: 58.602 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



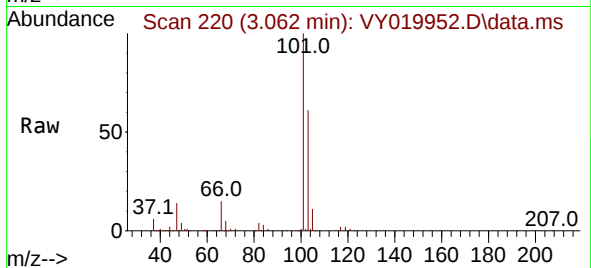
Tgt Ion: 64 Resp: 113403
Ion Ratio Lower Upper
64 100
66 29.6 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 53.435 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03

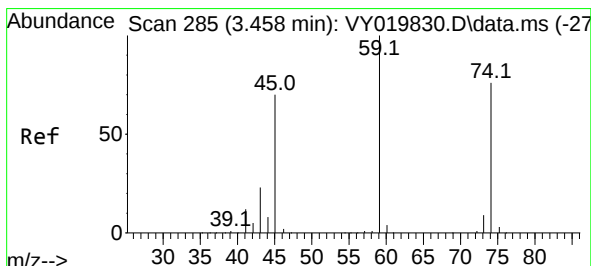
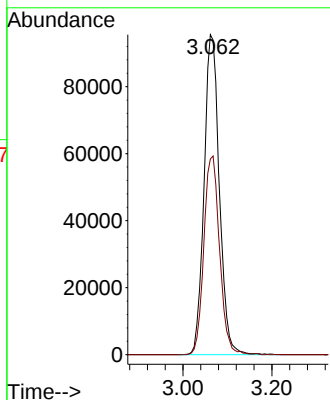
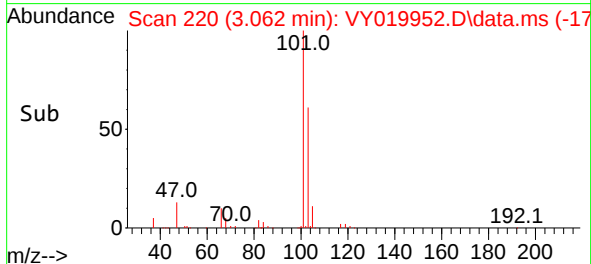
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Tgt Ion:101 Resp: 229034
 Ion Ratio Lower Upper
 101 100
 103 61.2 49.3 73.9

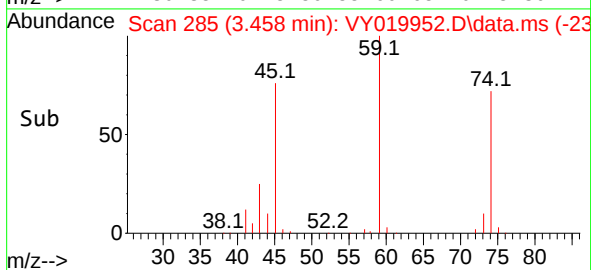
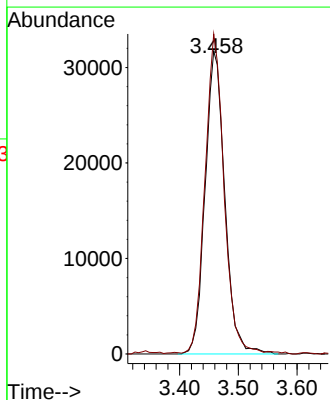
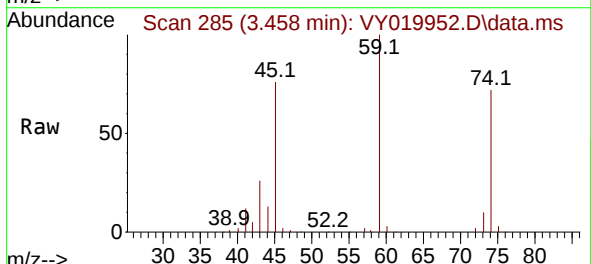
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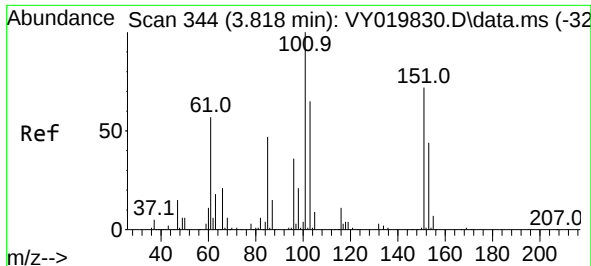
Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024



#8
 Diethyl Ether
 Concen: 56.584 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03

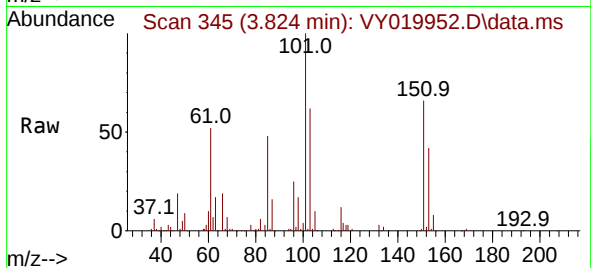
Tgt Ion: 74 Resp: 73711
 Ion Ratio Lower Upper
 74 100
 45 101.8 41.3 124.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.936 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY019952.D
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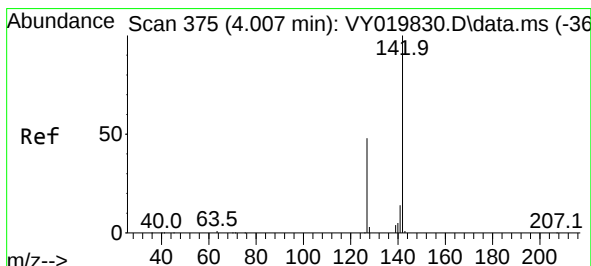
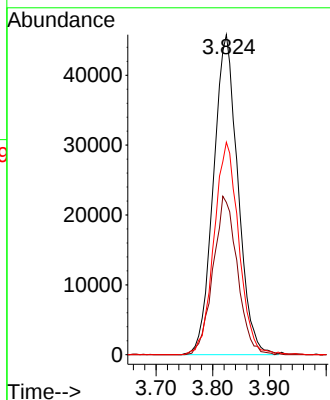
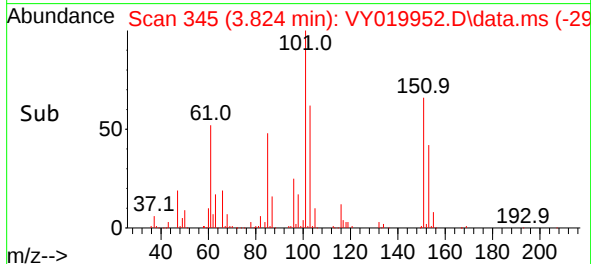
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Tgt Ion:101 Resp: 136968
Ion Ratio Lower Upper
101 100
85 49.2 34.5 51.7
151 67.5 61.7 92.5

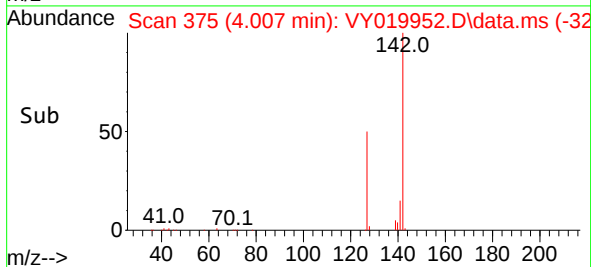
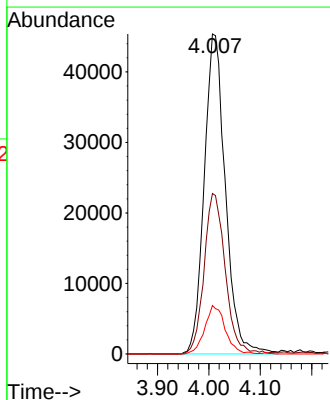
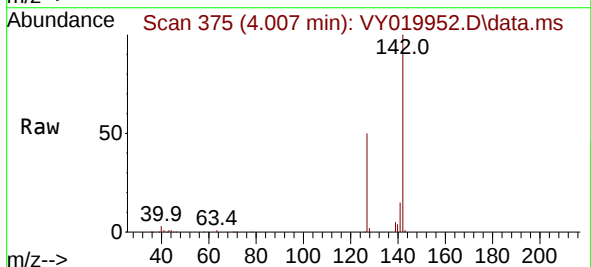
Manual Integrations
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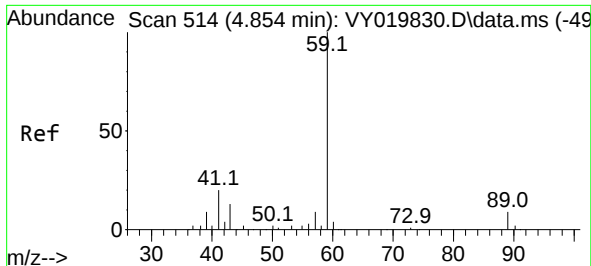
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#10
Methyl Iodide
Concen: 51.619 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion:142 Resp: 130160
Ion Ratio Lower Upper
142 100
127 50.1 32.8 49.2#
141 14.7 11.4 17.2





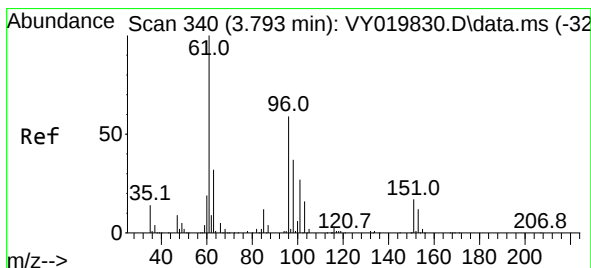
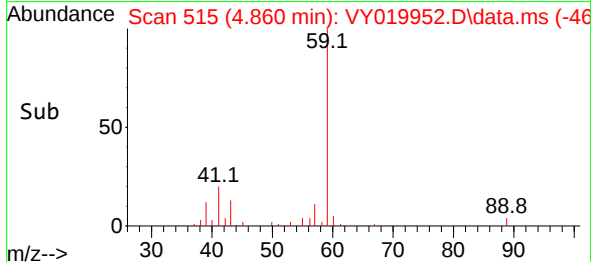
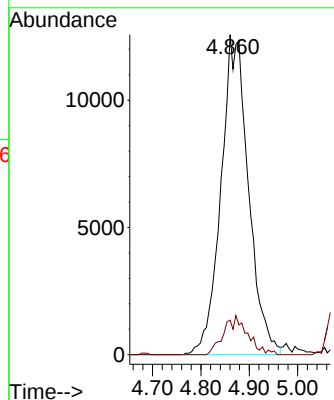
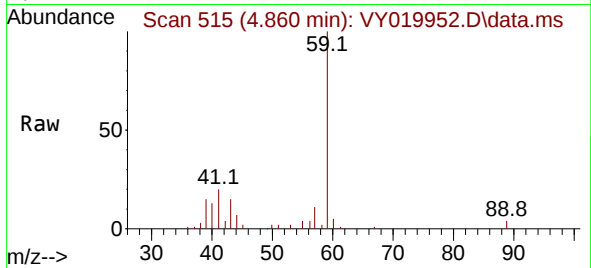
#11
Tert butyl alcohol
Concen: 229.242 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 49720
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.6

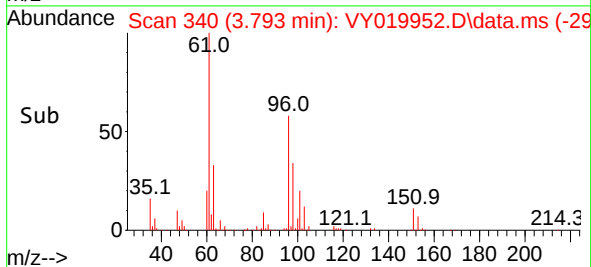
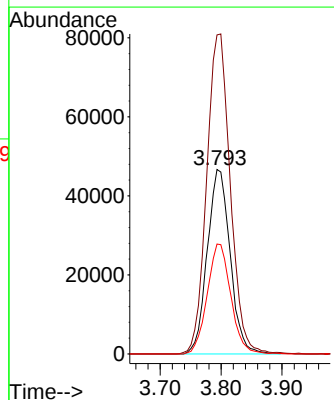
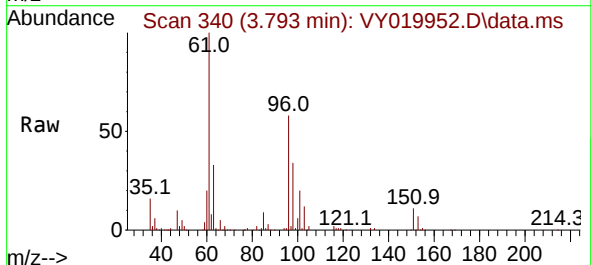
Manual Integrations
APPROVED

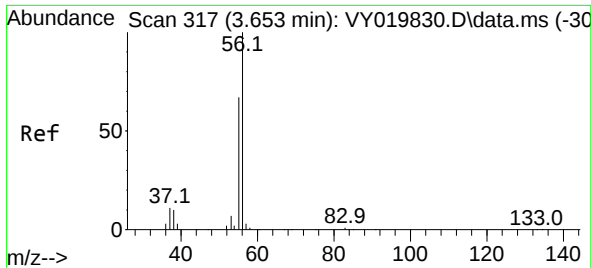
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#12
1,1-Dichloroethene
Concen: 52.618 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

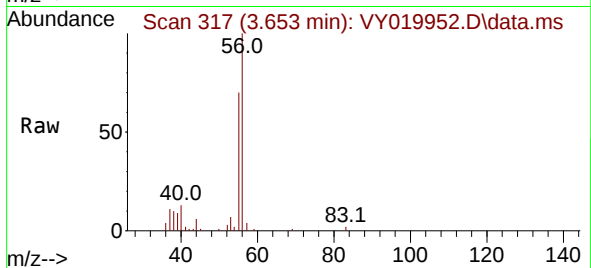
Tgt Ion: 96 Resp: 121957
Ion Ratio Lower Upper
96 100
61 172.7 114.6 171.8#
98 59.6 50.8 76.2





#13
Acrolein
Concen: 150.841 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

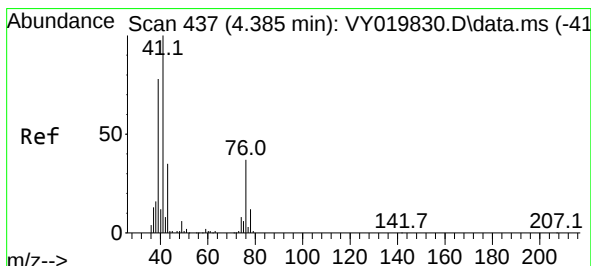
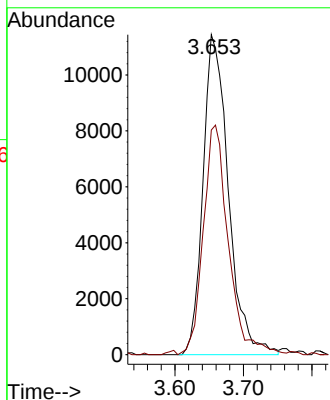
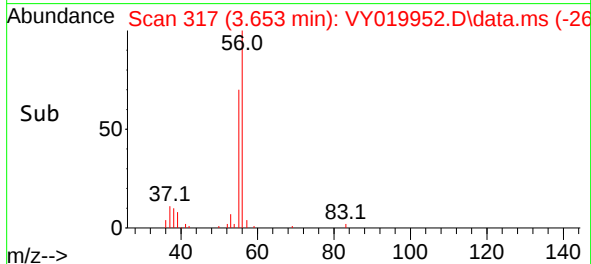
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2948
Ion Ratio Lower Upper
56 100
55 70.9 55.7 83.5

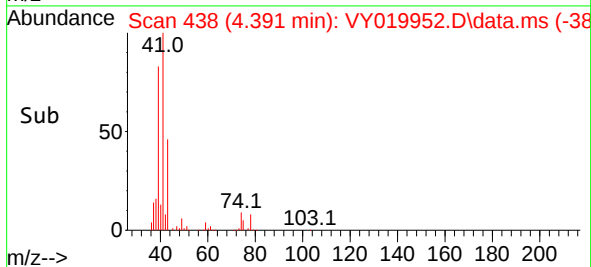
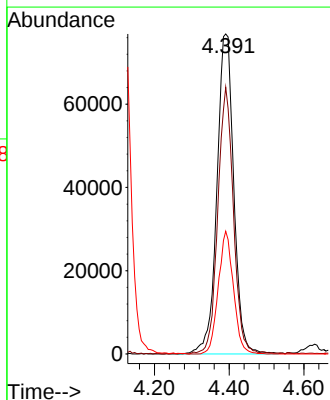
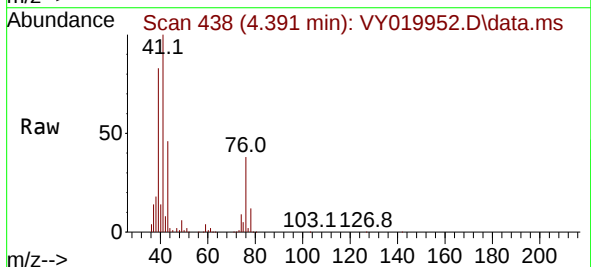
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#14
Allyl chloride
Concen: 57.761 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

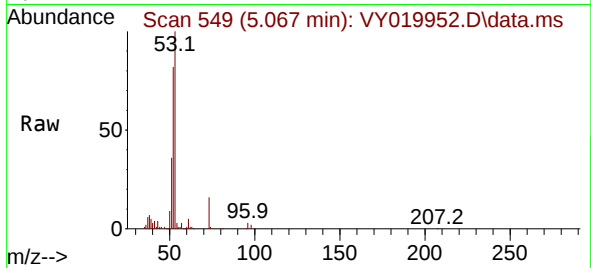
Tgt Ion: 41 Resp: 241554
Ion Ratio Lower Upper
41 100
39 76.6 58.3 87.5
76 34.3 39.0 58.6#





#15
Acrylonitrile
Concen: 306.054 ug/l
RT: 5.067 min Scan# 547
Delta R.T. 0.013 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

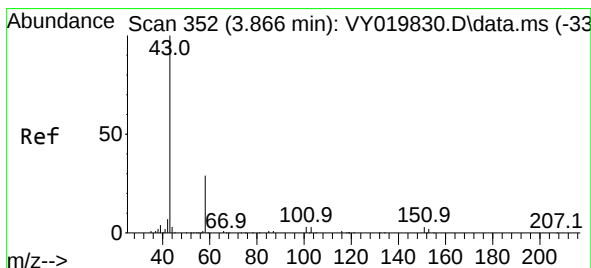
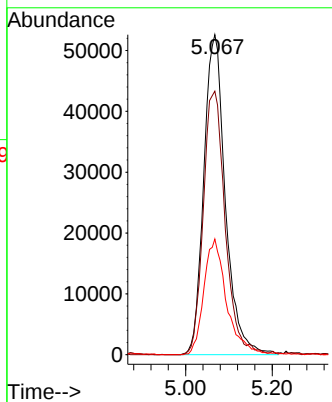
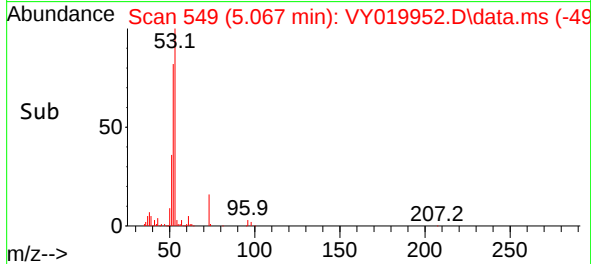
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



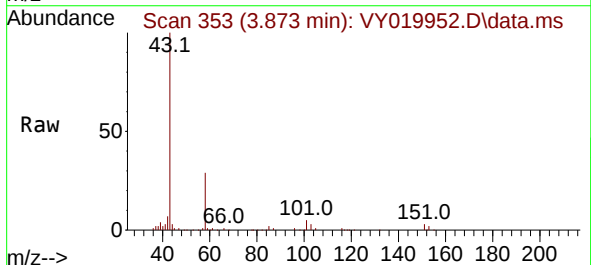
Tgt Ion: 53 Resp: 182358
Ion Ratio Lower Upper
53 100
52 83.3 64.7 97.1
51 38.2 28.4 42.6

Manual Integrations
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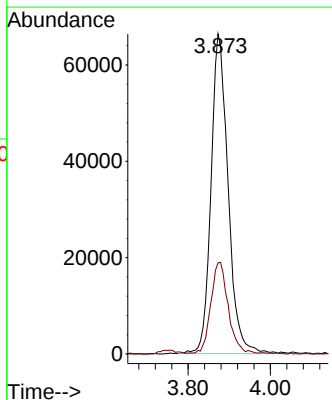
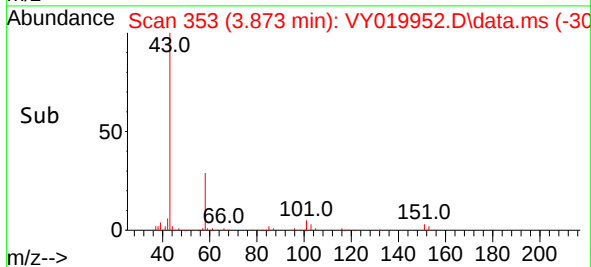
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

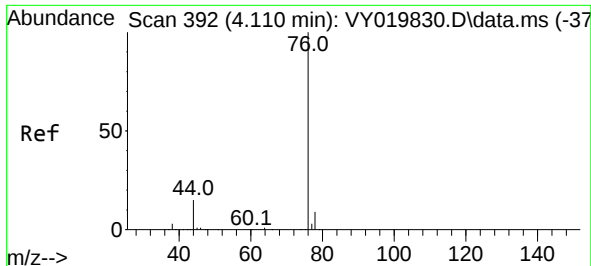


#16
Acetone
Concen: 276.807 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



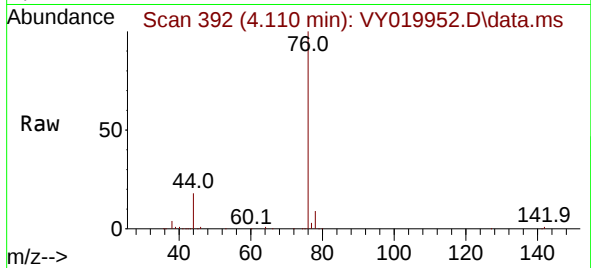
Tgt Ion: 43 Resp: 191686
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#





#17
Carbon Disulfide
Concen: 46.169 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

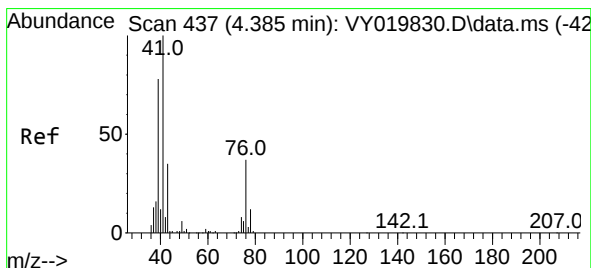
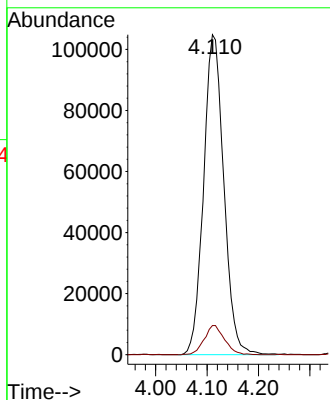
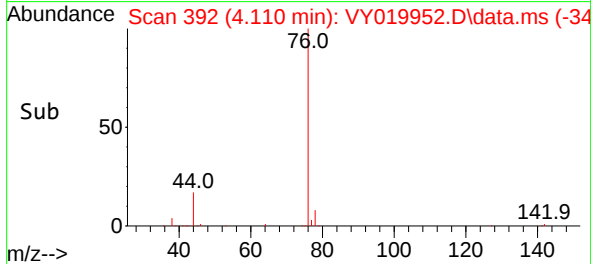
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 28682
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

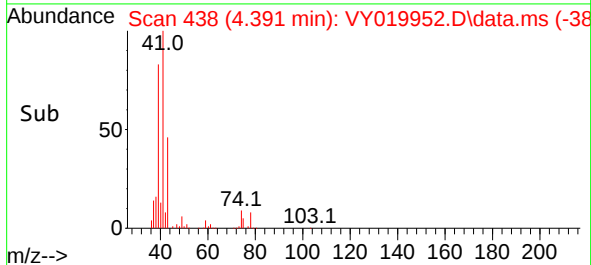
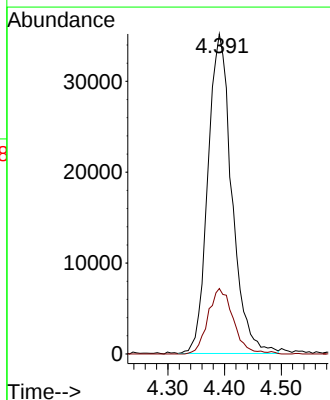
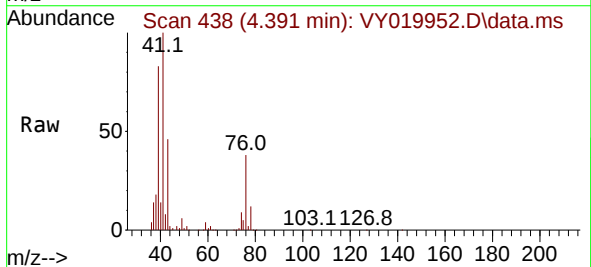
Manual Integrations
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Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#18
Methyl Acetate
Concen: 69.272 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 43 Resp: 103336
Ion Ratio Lower Upper
43 100
74 21.5 23.3 34.9#





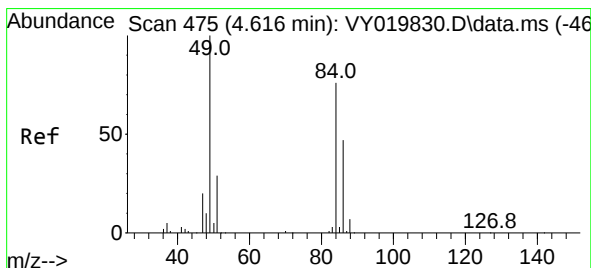
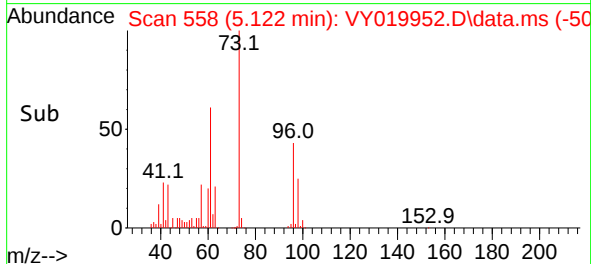
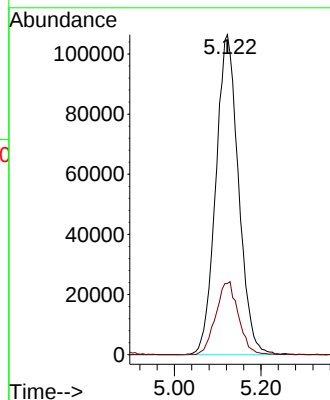
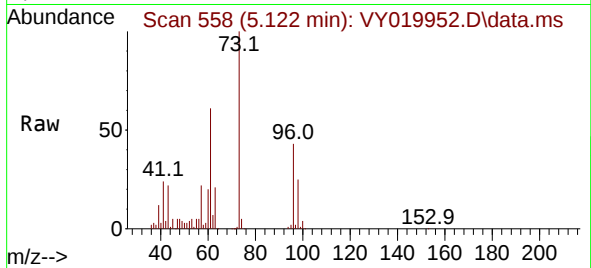
#19
Methyl tert-butyl Ether
Concen: 58.340 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 38847
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9

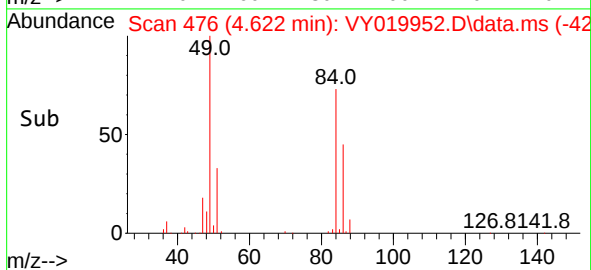
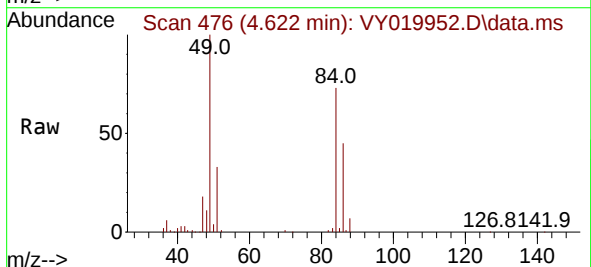
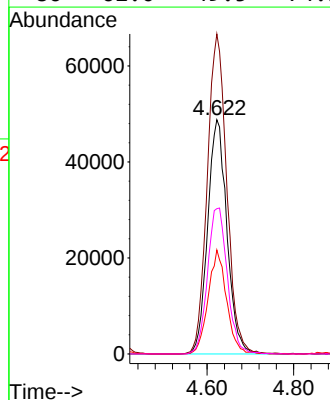
Manual Integrations
APPROVED

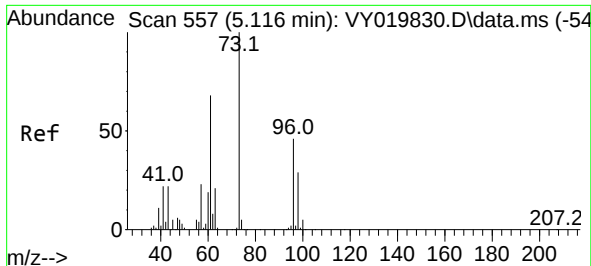
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#20
Methylene Chloride
Concen: 59.210 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

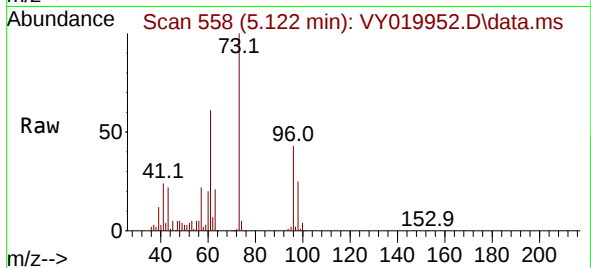
Tgt Ion: 84 Resp: 151122
Ion Ratio Lower Upper
84 100
49 136.6 84.4 126.6#
51 44.4 26.0 39.0#
86 62.0 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 56.195 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

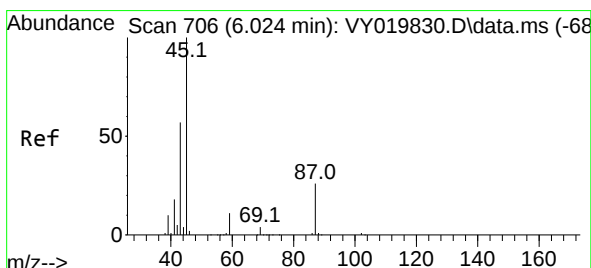
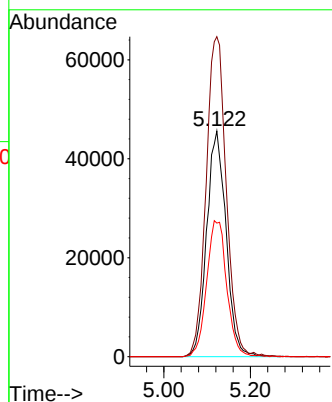
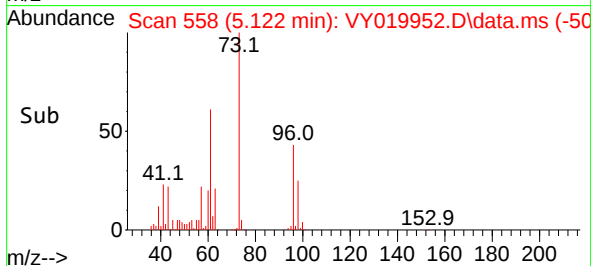
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 141758
Ion Ratio Lower Upper
96 100
61 141.9 97.5 146.3
98 59.2 50.5 75.7

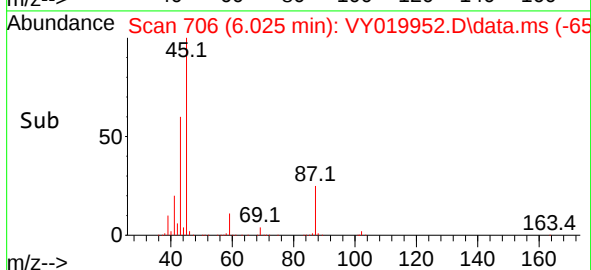
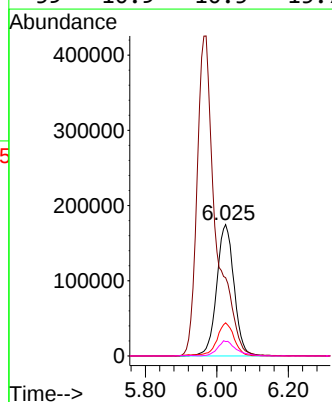
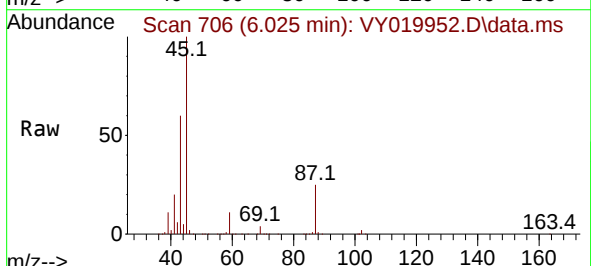
Manual Integrations
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Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#22
Diisopropyl ether
Concen: 64.634 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 45 Resp: 588755
Ion Ratio Lower Upper
45 100
43 59.4 42.2 63.2
87 25.2 25.0 37.6
59 10.9 10.5 15.7





#23
 Vinyl Acetate
 Concen: 295.621 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.013 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

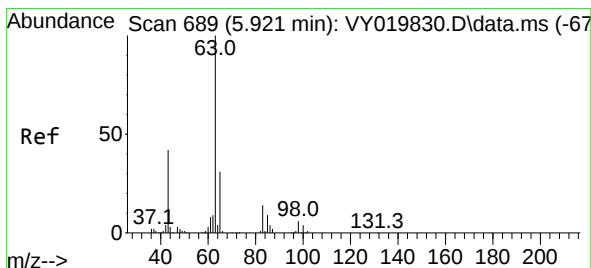
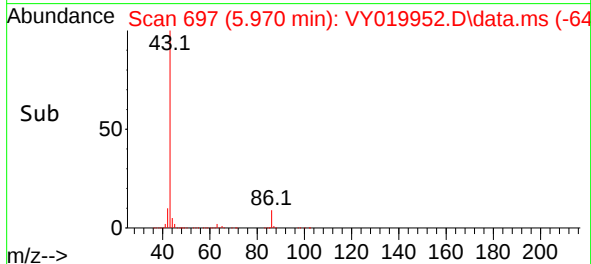
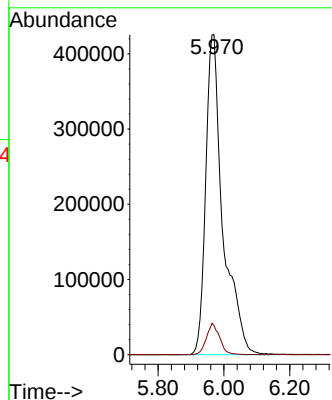
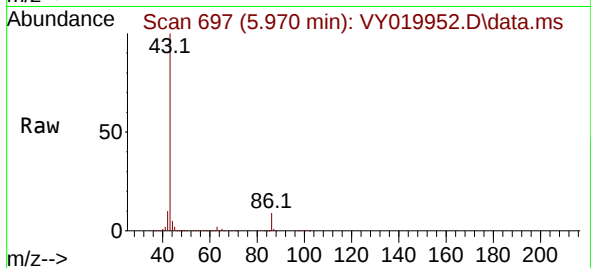
VSTDCCC050EC

Tgt Ion: 43 Resp: 1543749
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.6 16.0

Manual Integrations

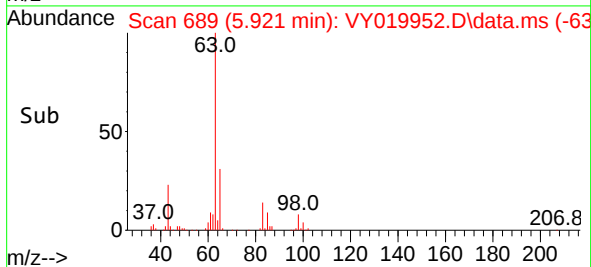
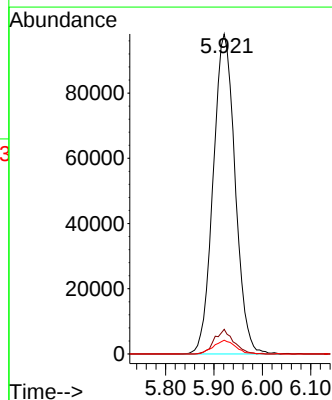
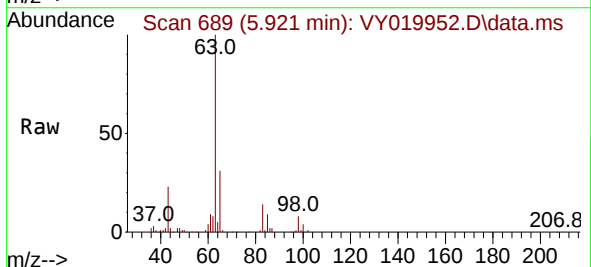
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Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024



#24
 1,1-Dichloroethane
 Concen: 61.166 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03

Tgt Ion: 63 Resp: 309716
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 4.3 2.6 8.0





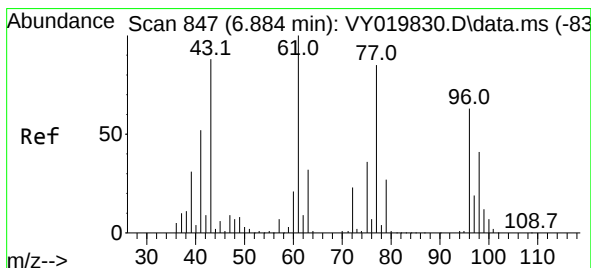
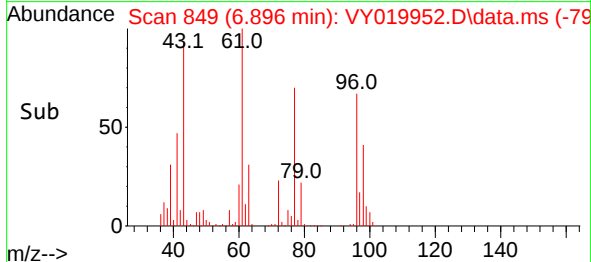
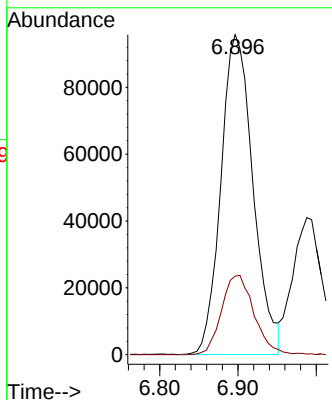
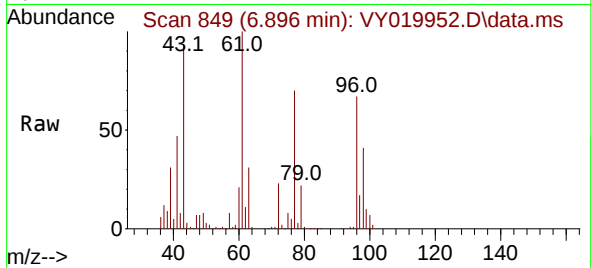
#25
2-Butanone
Concen: 294.497 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 272975
Ion Ratio Lower Upper
43 100
72 24.6 27.3 40.9

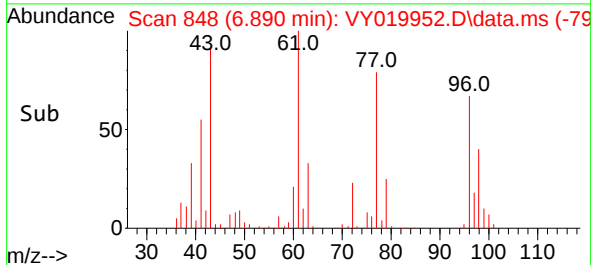
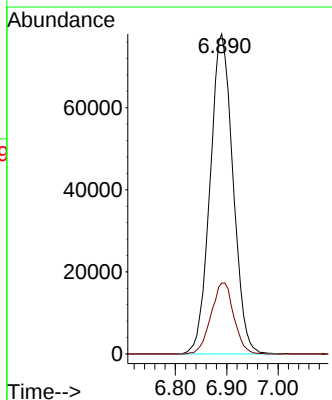
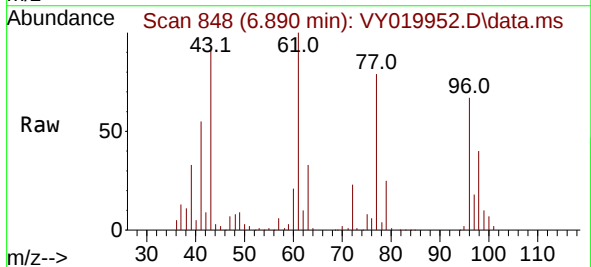
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#26
2,2-Dichloropropane
Concen: 53.455 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

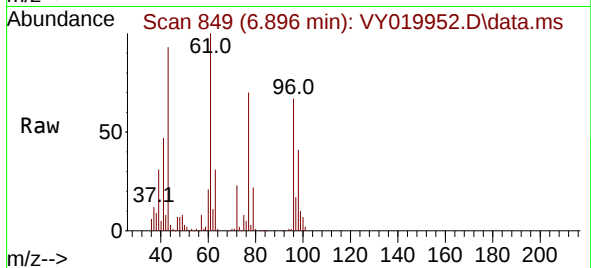
Tgt Ion: 77 Resp: 241053
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 59.695 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

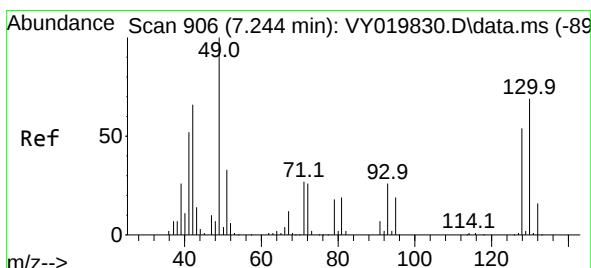
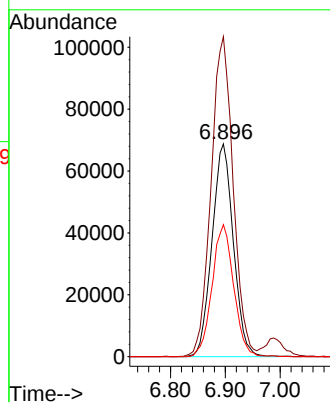
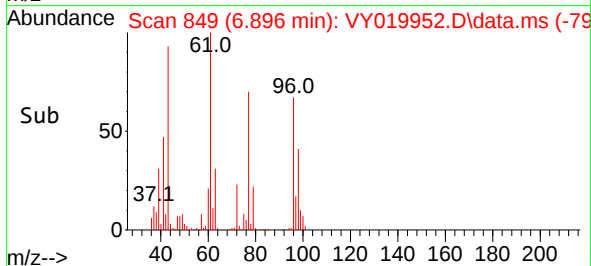
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 186093
Ion Ratio Lower Upper
96 100
61 155.3 0.0 256.2
98 62.8 0.0 130.0

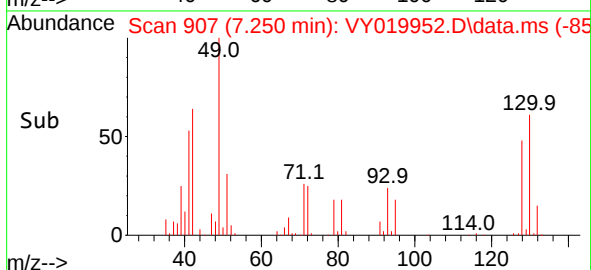
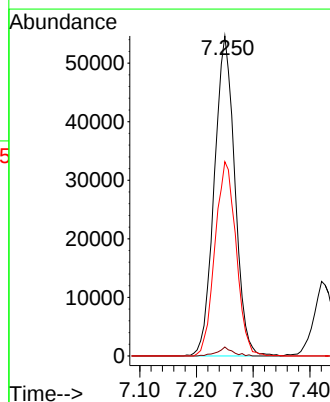
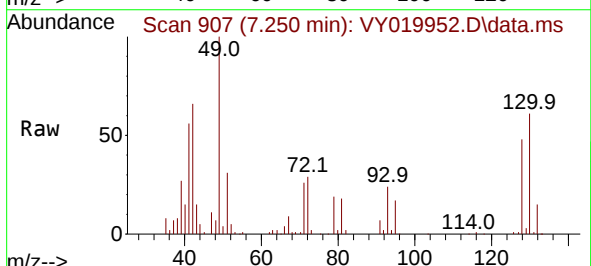
Manual Integrations
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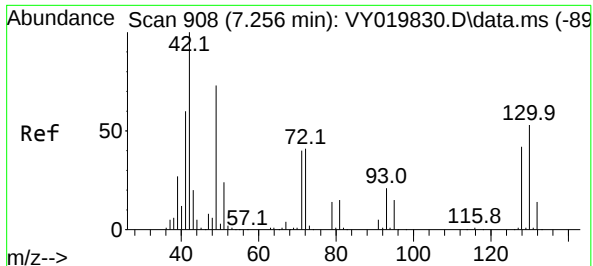
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#28
Bromochloromethane
Concen: 61.572 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 49 Resp: 137225
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 62.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 305.262 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 161560

Ion Ratio Lower Upper

42 100

72 40.9 43.0 64.4

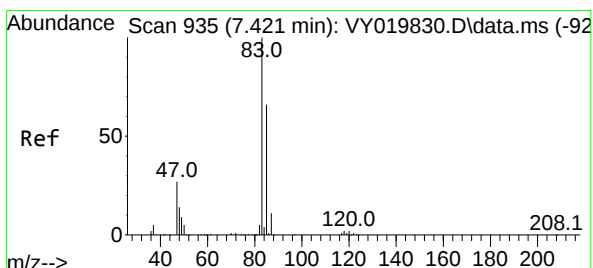
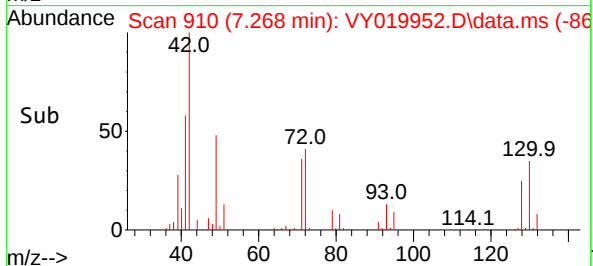
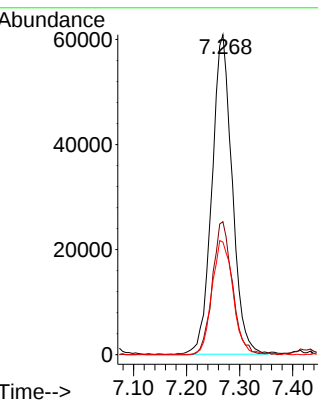
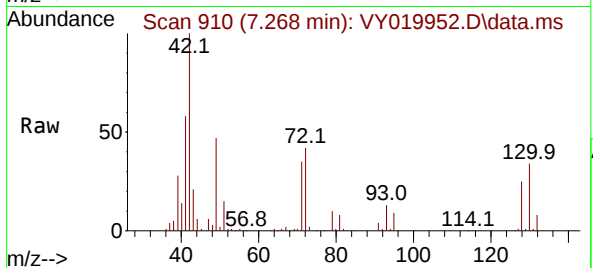
71 37.0 40.8 61.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#30

Chloroform

Concen: 62.784 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019952.D

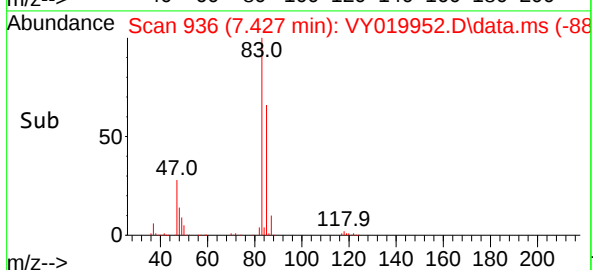
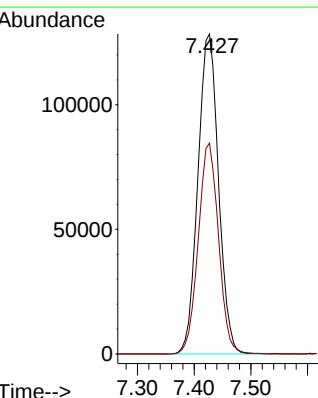
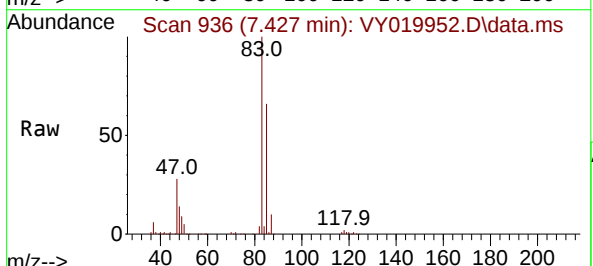
Acq: 18 Oct 2024 15:03

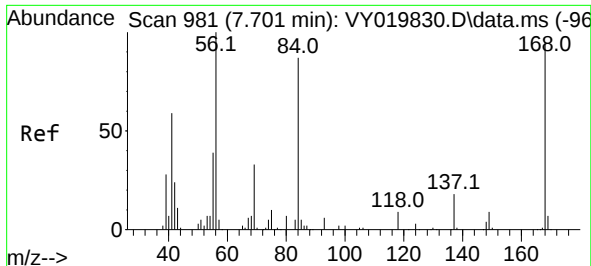
Tgt Ion: 83 Resp: 324068

Ion Ratio Lower Upper

83 100

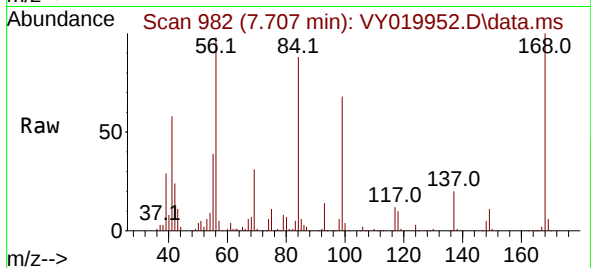
85 65.9 52.2 78.4





#31
Cyclohexane
Concen: 51.330 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

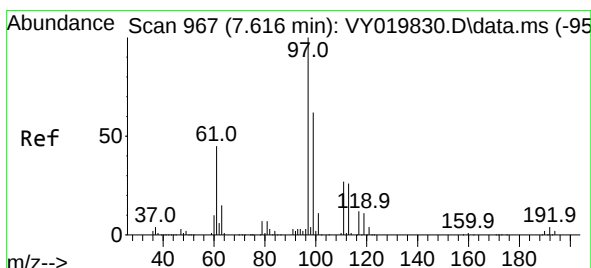
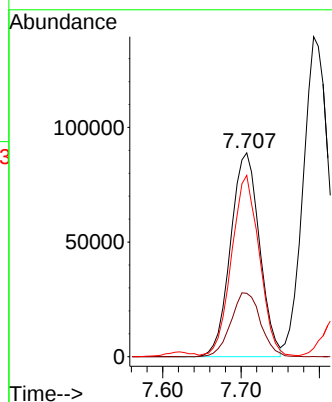
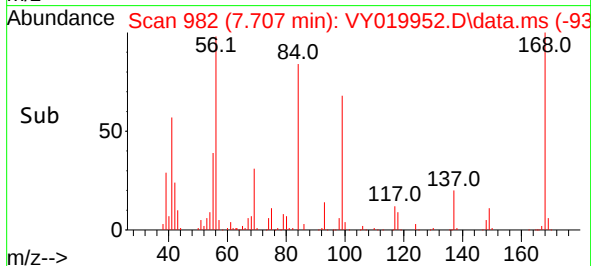
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 22815
Ion Ratio Lower Upper
56 100
69 31.1 28.7 43.1
84 86.6 77.7 116.5

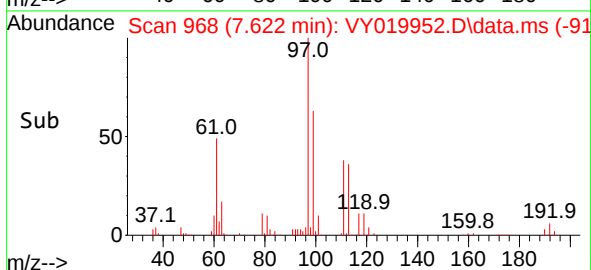
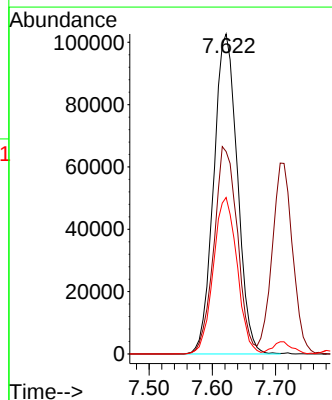
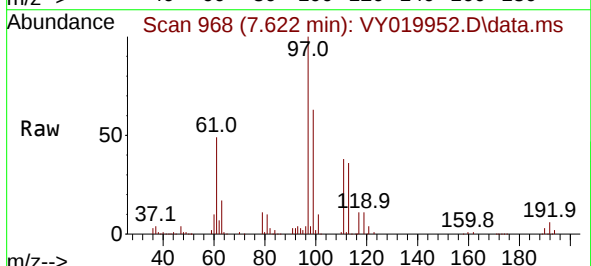
Manual Integrations
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Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#32
1,1,1-Trichloroethane
Concen: 58.902 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 97 Resp: 266442
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 49.1 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 59.039 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15705

Ion Ratio Lower Upper

65 100

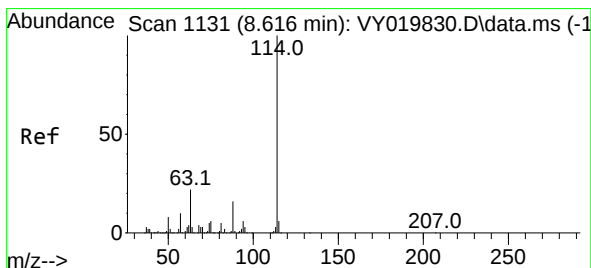
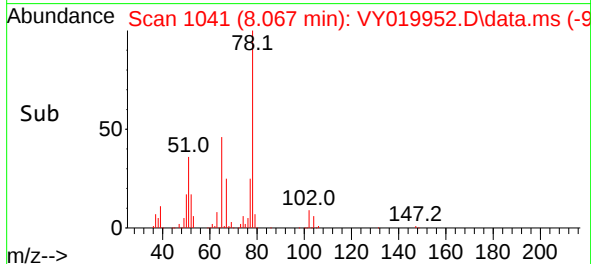
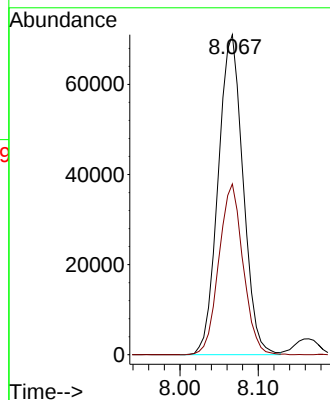
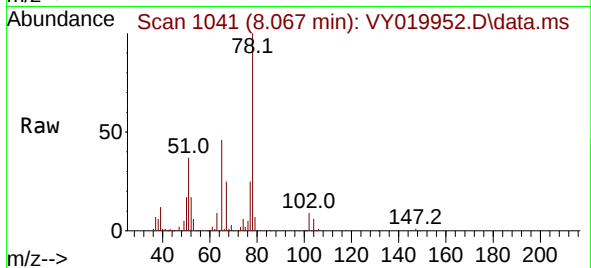
67 51.8 0.0 109.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

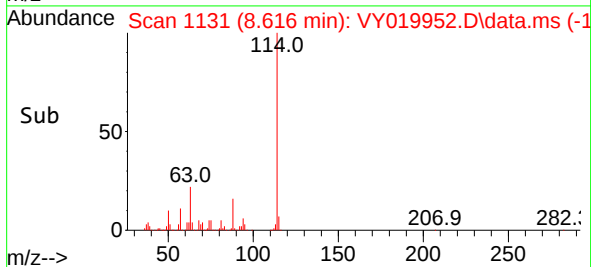
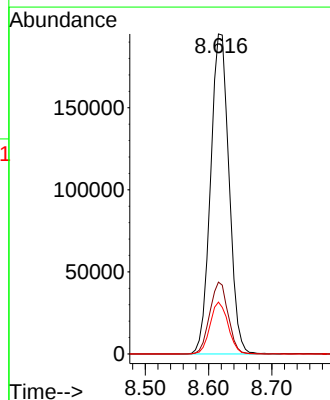
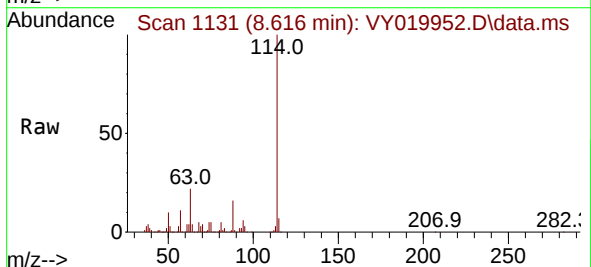
Tgt Ion:114 Resp: 394615

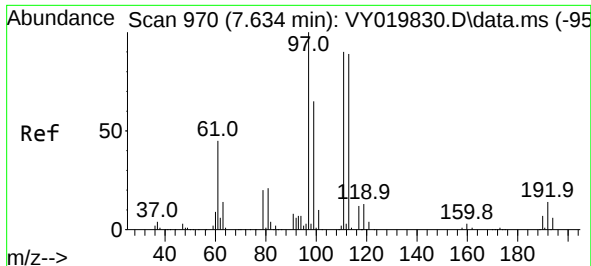
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

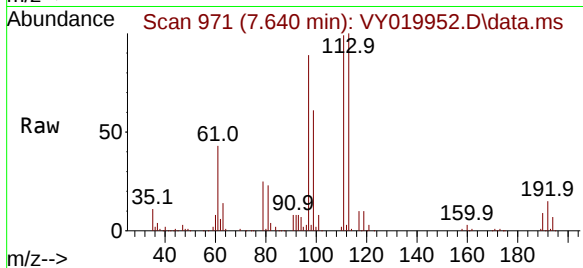
88 16.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 56.545 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

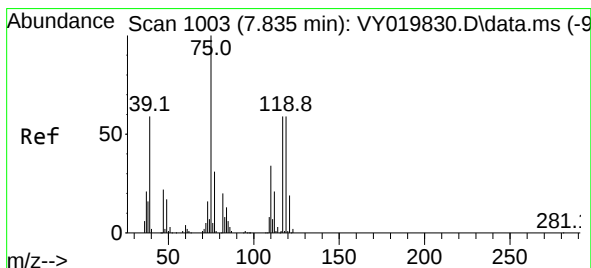
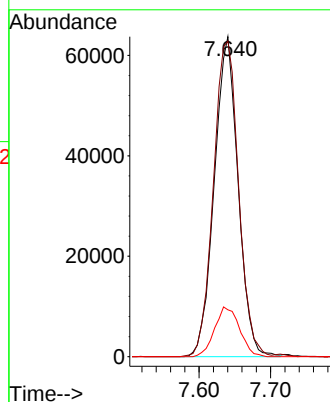
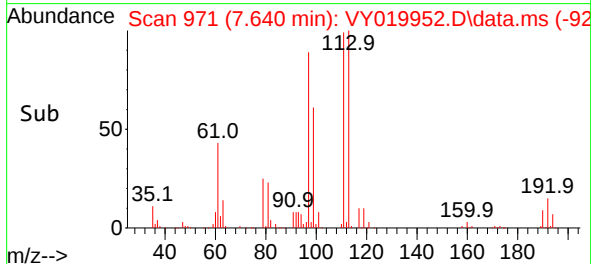
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



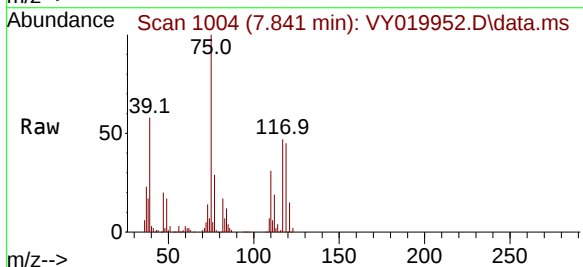
Tgt Ion:113 Resp: 147245
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.3 15.9 23.9

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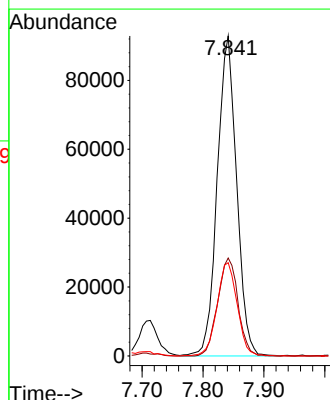
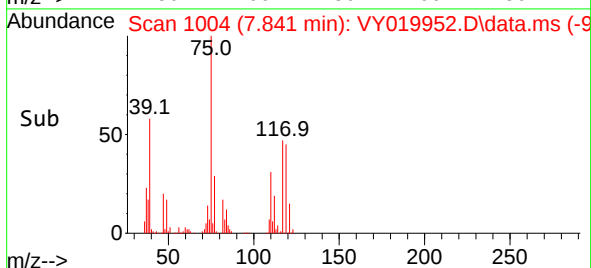
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

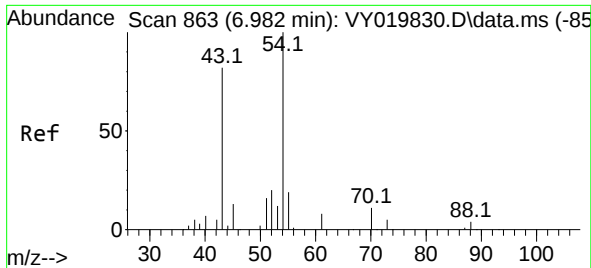


#36
1,1-Dichloropropene
Concen: 54.776 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



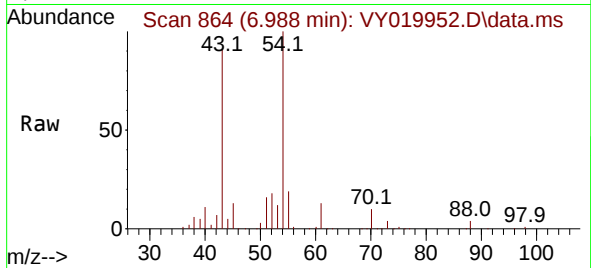
Tgt Ion: 75 Resp: 205497
Ion Ratio Lower Upper
75 100
110 32.2 19.0 57.0
77 30.4 25.3 37.9





#37
Ethyl Acetate
Concen: 56.924 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

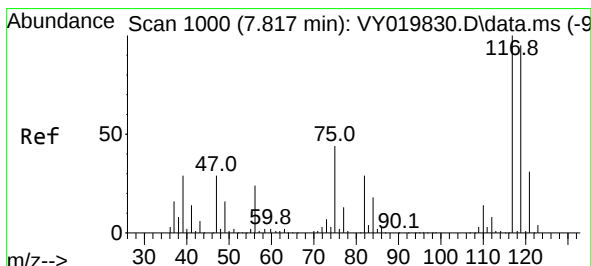
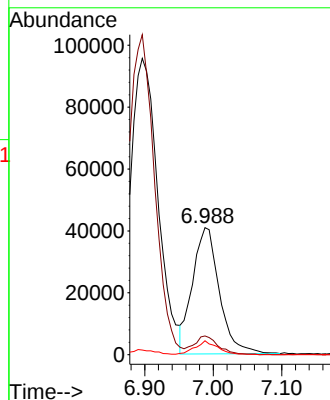
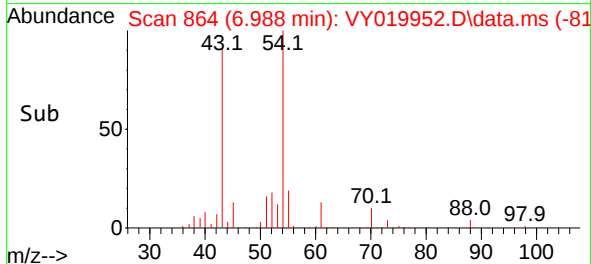
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 111350
Ion Ratio Lower Upper
43 100
61 13.2 12.6 19.0
70 9.3 7.8 11.8

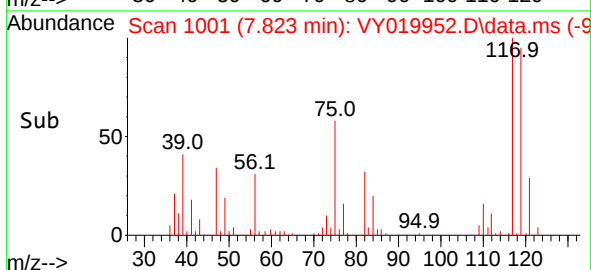
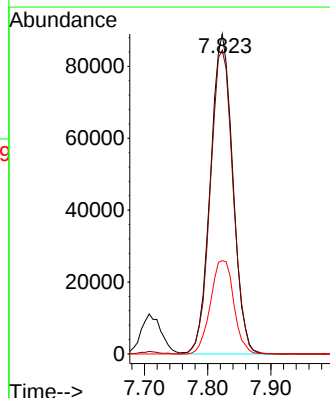
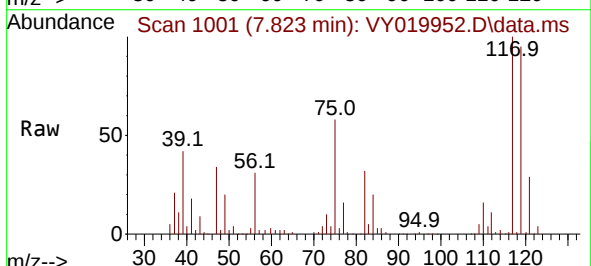
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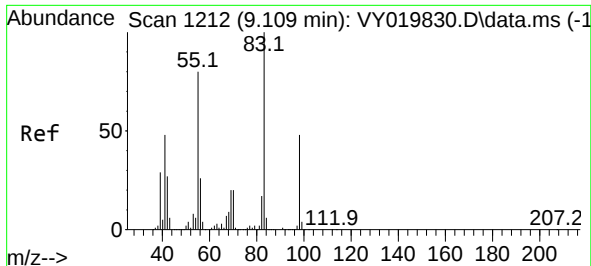
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#38
Carbon Tetrachloride
Concen: 54.176 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

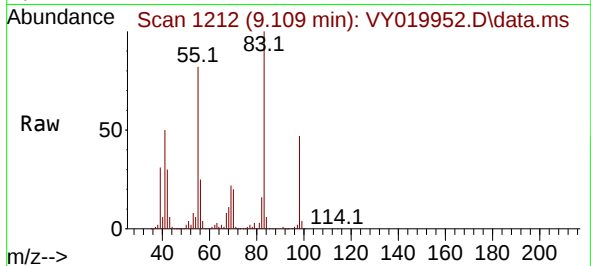
Tgt Ion:117 Resp: 217886
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6
121 29.2 24.0 36.0





#39
Methylcyclohexane
Concen: 50.913 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

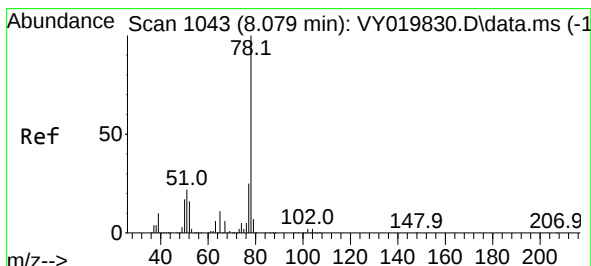
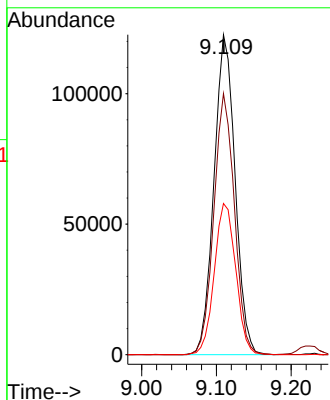
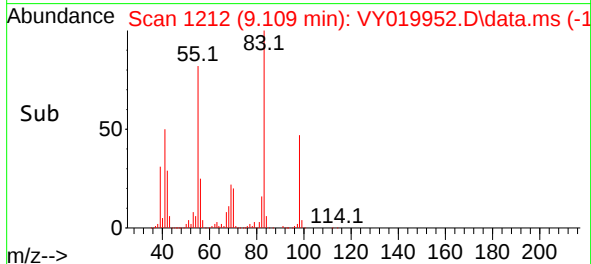
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 24066
Ion Ratio Lower Upper
83 100
55 81.6 51.5 77.3
98 47.2 40.5 60.7

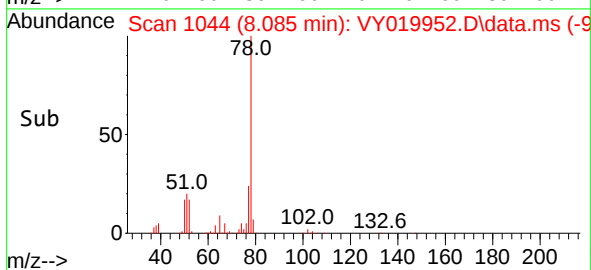
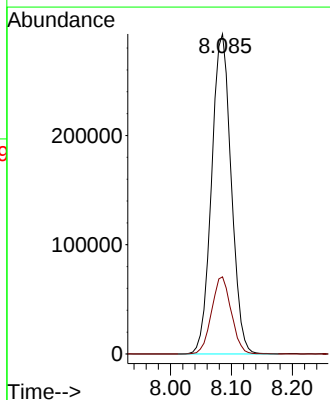
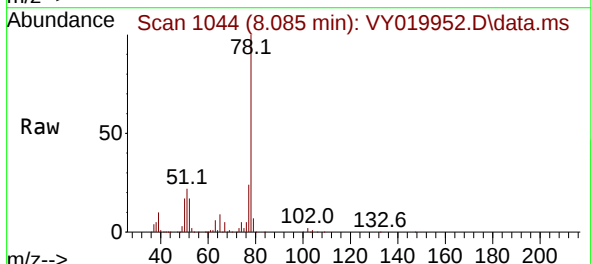
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#40
Benzene
Concen: 57.713 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 78 Resp: 655260
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3





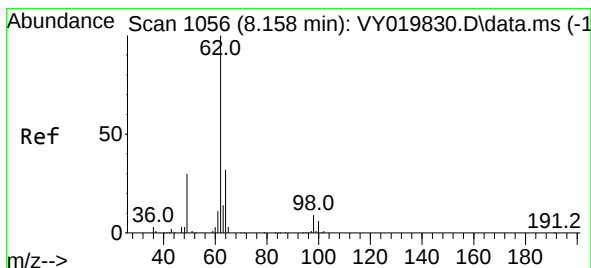
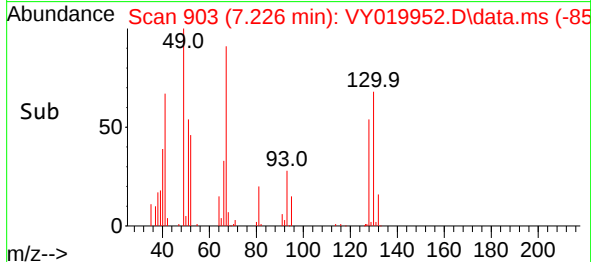
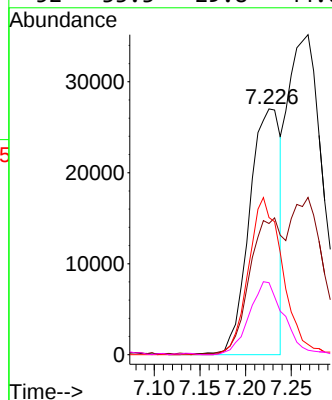
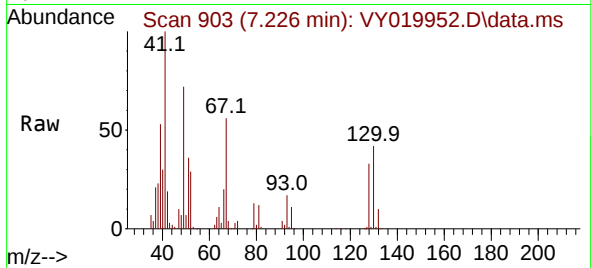
#41
Methacrylonitrile
Concen: 60.067 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 63590
Ion Ratio Lower Upper
41 100
39 62.0 48.0 72.0
67 71.6 75.1 112.7
52 33.3 29.8 44.6

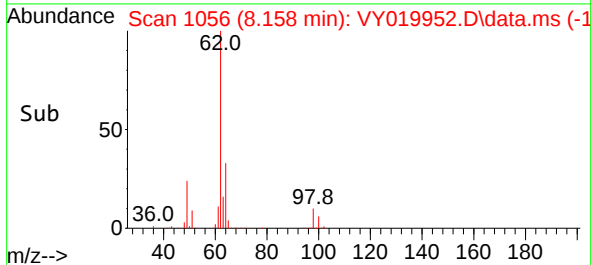
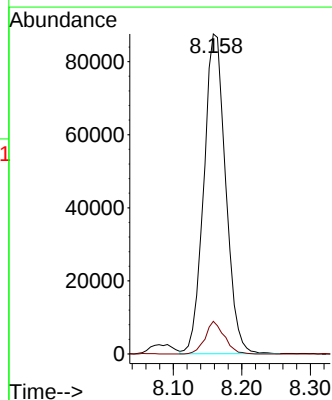
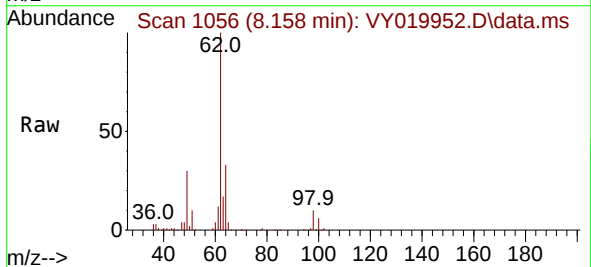
Manual Integrations
APPROVED

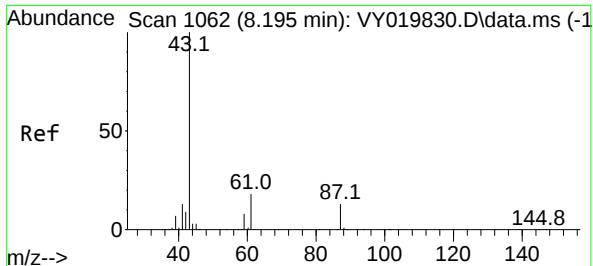
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#42
1,2-Dichloroethane
Concen: 59.589 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

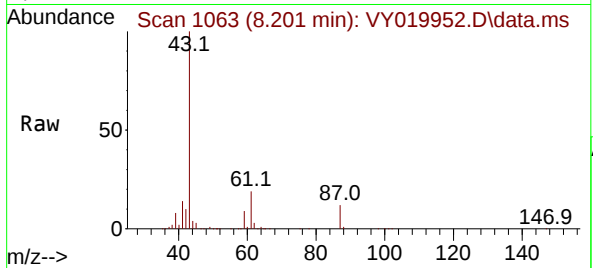
Tgt Ion: 62 Resp: 194370
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.0





#43
Isopropyl Acetate
Concen: 57.128 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

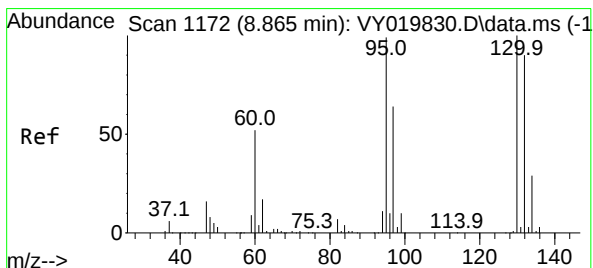
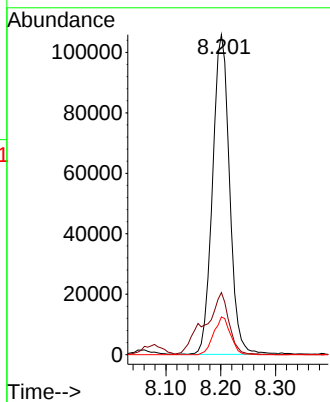
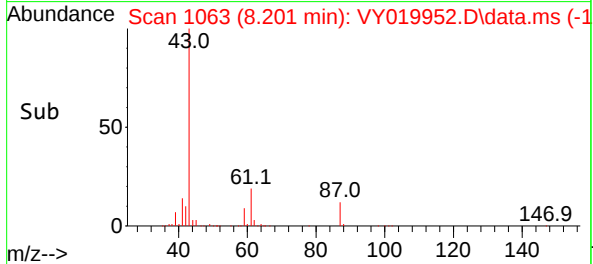
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 227914
Ion Ratio Lower Upper
43 100
61 27.6 27.9 41.9
87 11.6 13.1 19.7

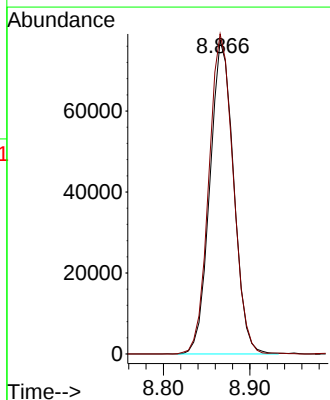
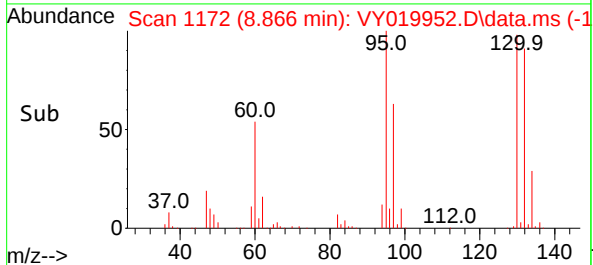
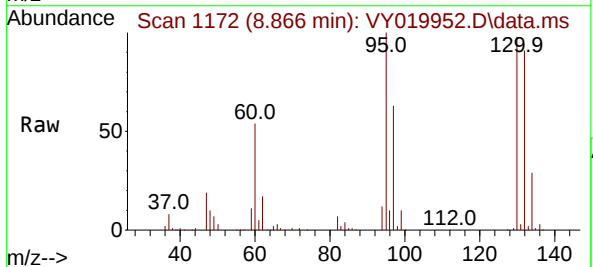
Manual Integrations
APPROVED

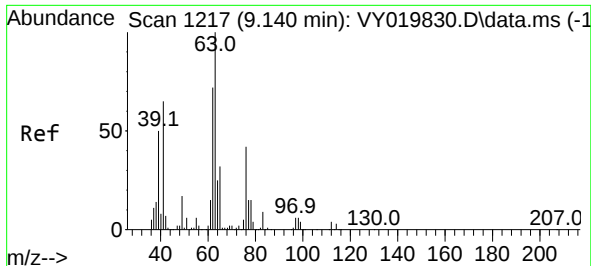
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#44
Trichloroethene
Concen: 53.666 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion:130 Resp: 147576
Ion Ratio Lower Upper
130 100
95 101.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 60.103 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 170800

Ion Ratio Lower Upper

63 100

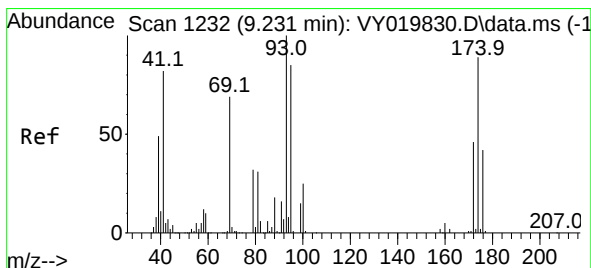
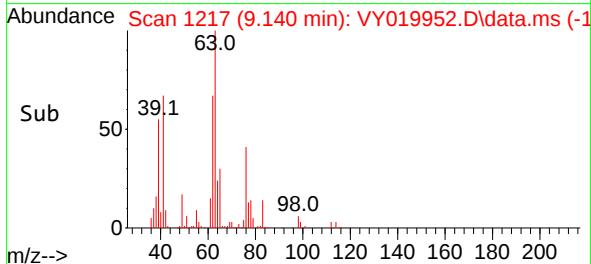
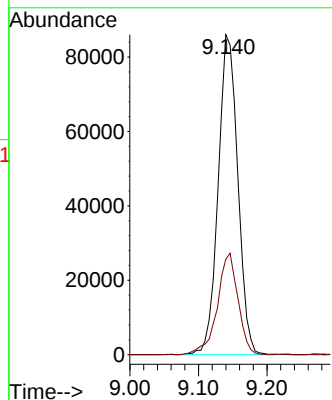
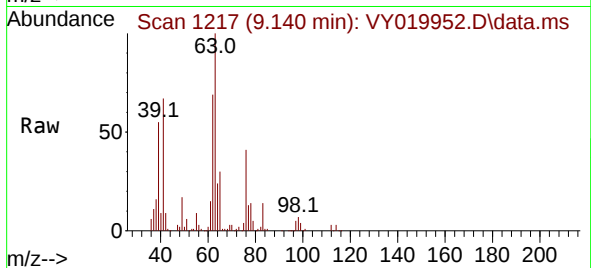
65 29.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#46

Dibromomethane

Concen: 57.439 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

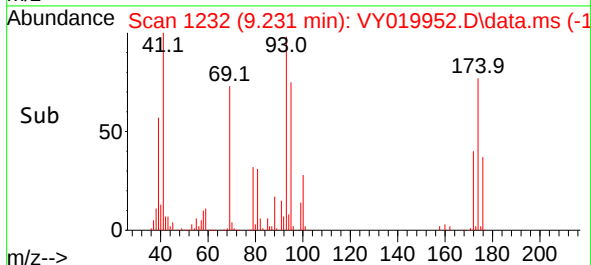
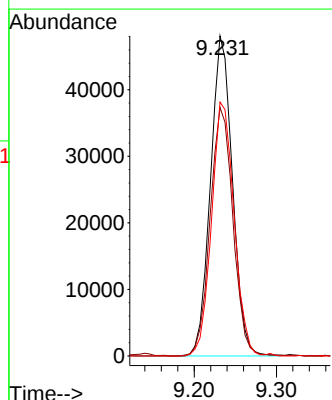
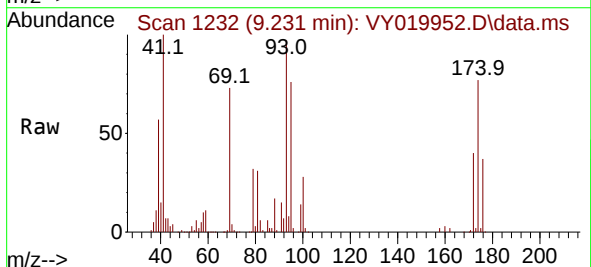
Tgt Ion: 93 Resp: 89182

Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

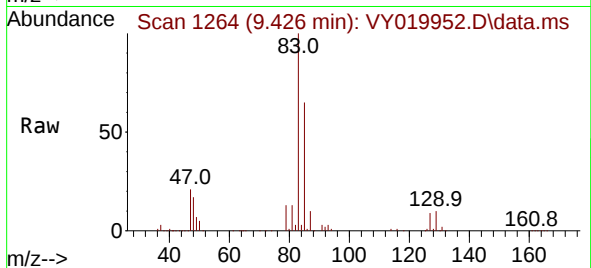
174 81.2 80.9 121.3





#47
Bromodichloromethane
Concen: 61.050 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

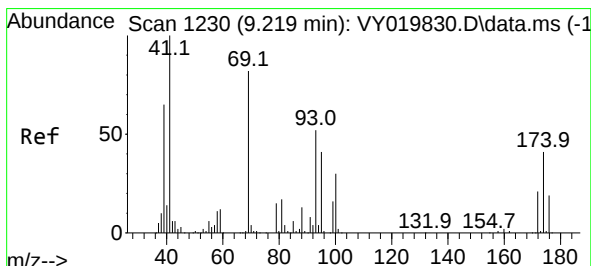
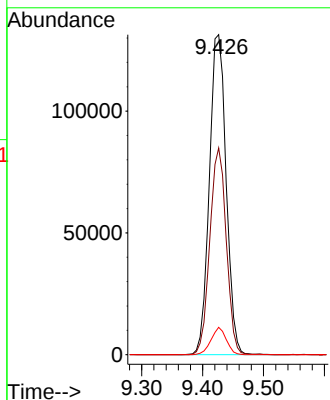
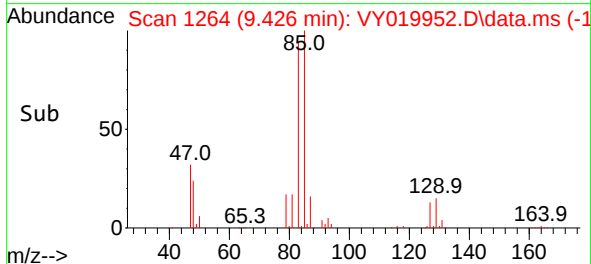
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 25159
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.6 7.4 11.0

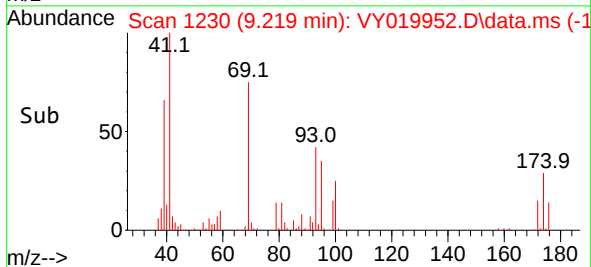
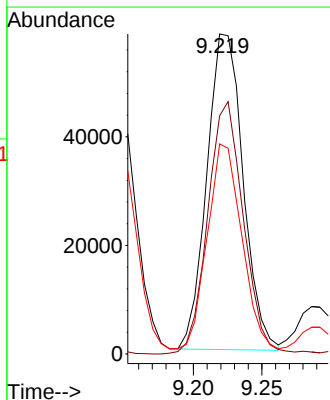
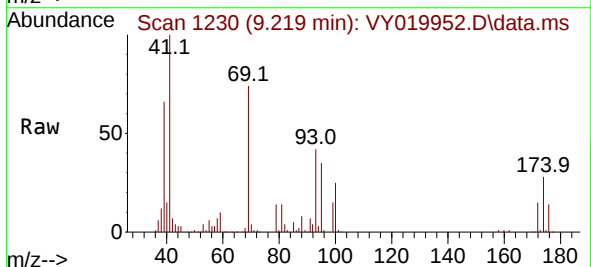
Manual Integrations
APPROVED

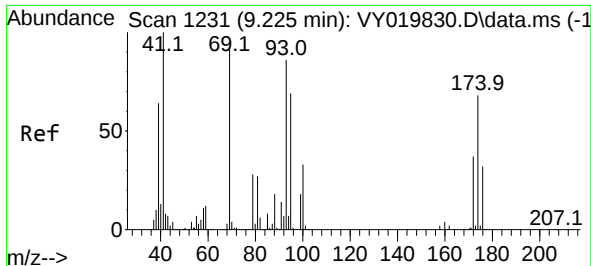
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#48
Methyl methacrylate
Concen: 61.030 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

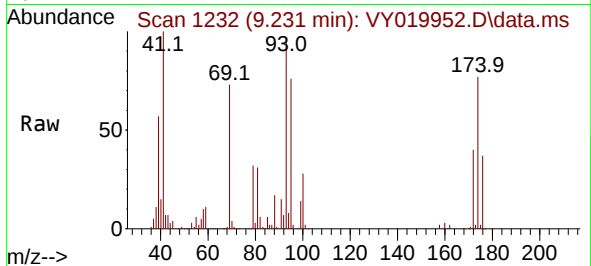
Tgt Ion: 41 Resp: 107101
Ion Ratio Lower Upper
41 100
69 78.6 84.1 126.1#
39 64.8 43.6 65.4





#49
1,4-Dioxane
Concen: 1164.781 ug/l
RT: 9.231 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

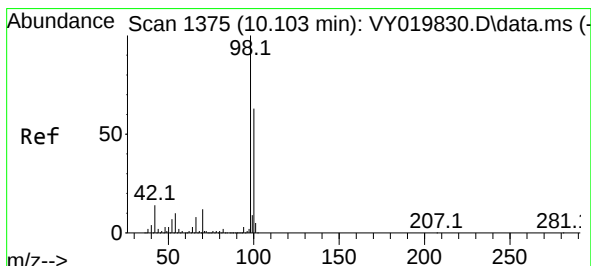
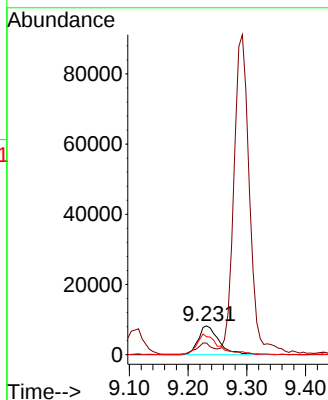
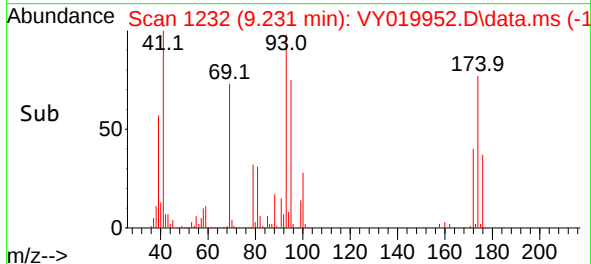
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2024
Ion Ratio Lower Upper
88 100
43 30.6 0.0 0.0
58 74.0 49.3 73.9

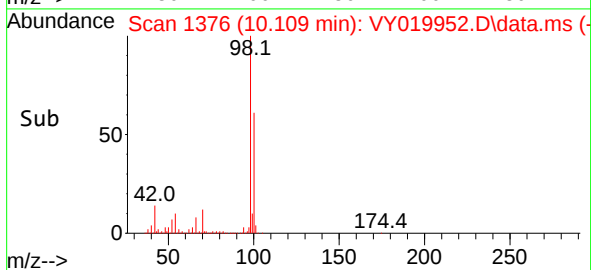
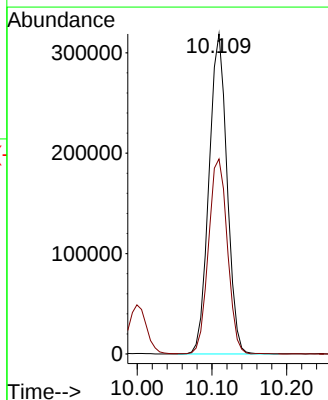
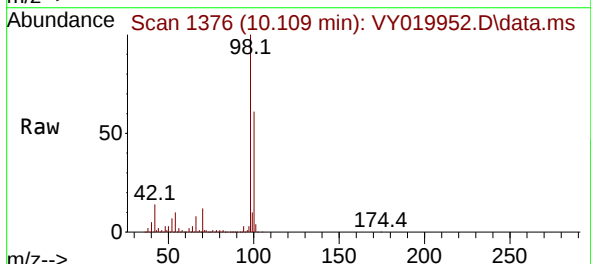
Manual Integrations
APPROVED

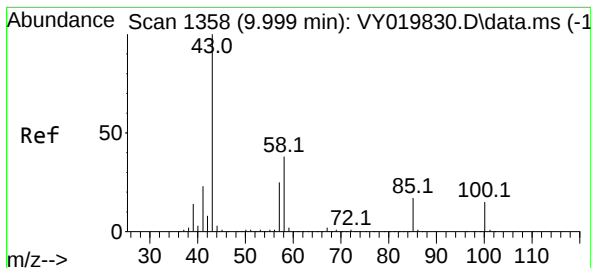
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#50
Toluene-d8
Concen: 55.599 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 98 Resp: 534657
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





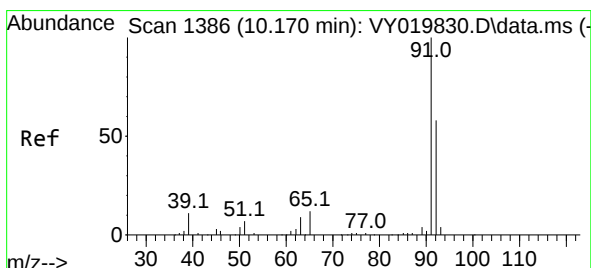
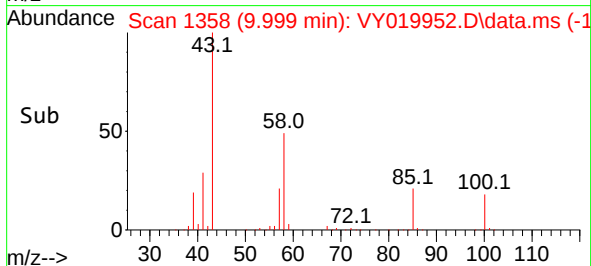
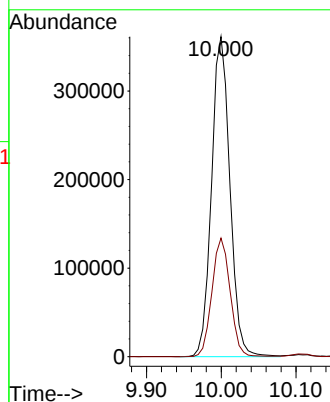
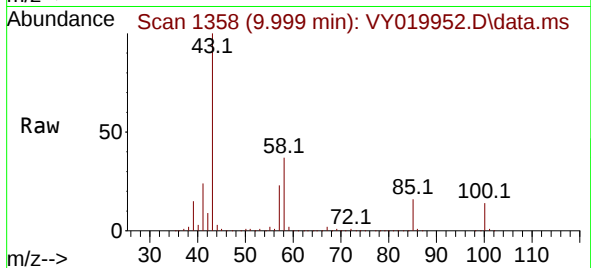
#51
4-Methyl-2-Pentanone
Concen: 303.214 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 617010
Ion Ratio Lower Upper
43 100
58 36.7 35.7 53.5

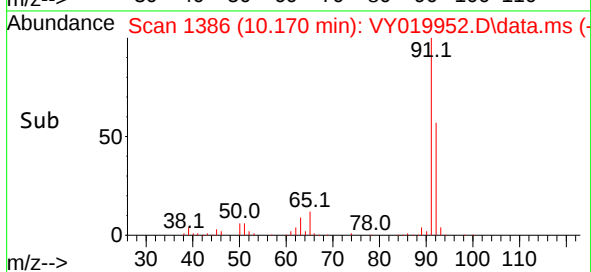
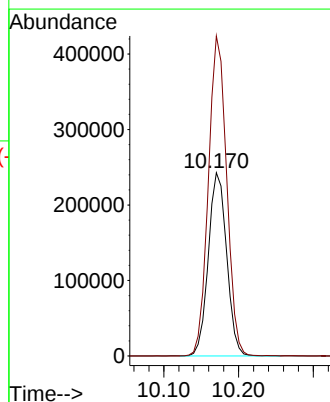
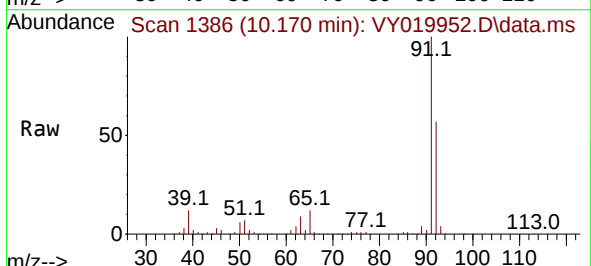
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#52
Toluene
Concen: 58.250 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

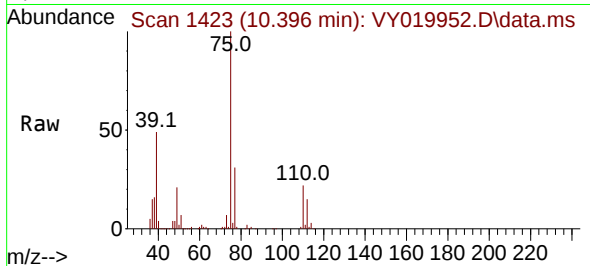
Tgt Ion: 92 Resp: 412821
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 56.895 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

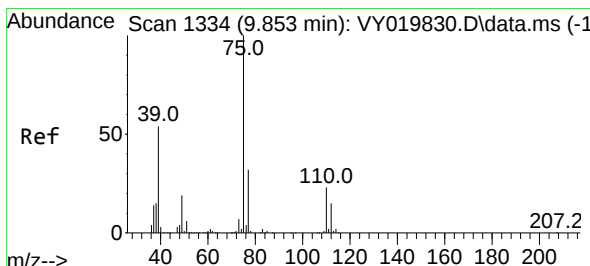
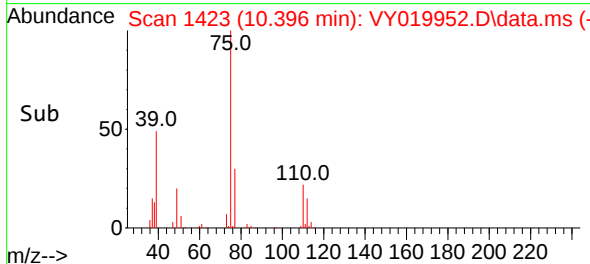
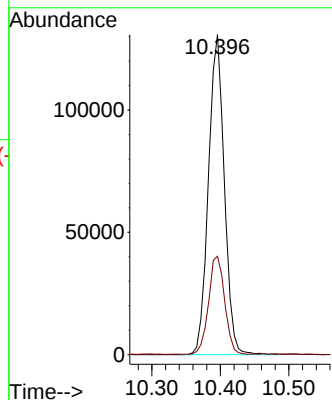
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 210970
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1

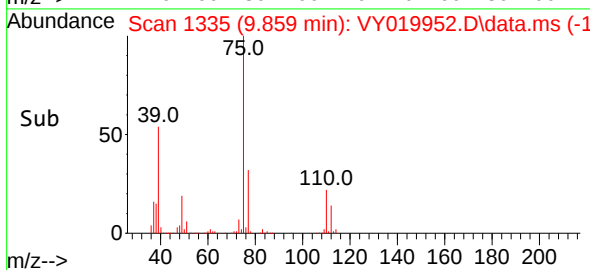
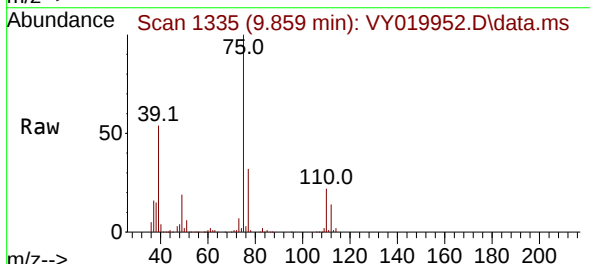
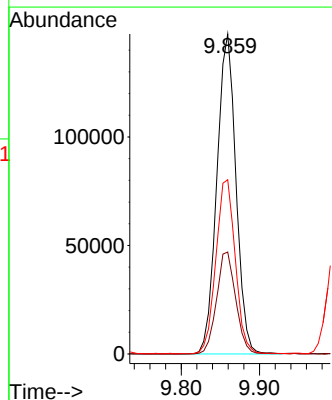
Manual Integrations
APPROVED

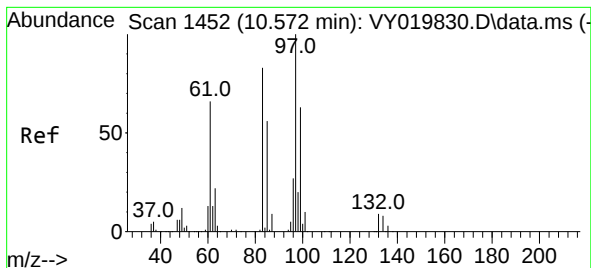
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#54
cis-1,3-Dichloropropene
Concen: 57.135 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

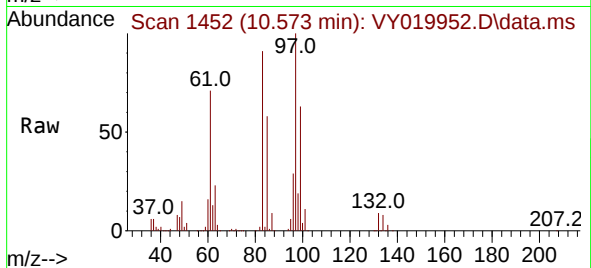
Tgt Ion: 75 Resp: 249987
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 54.4 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 59.063 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

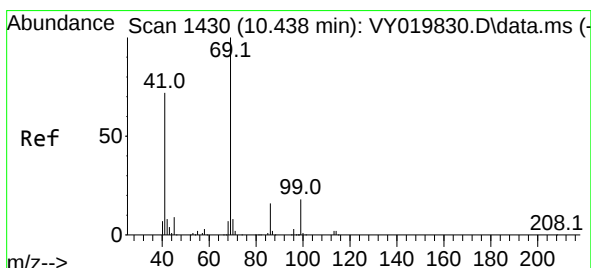
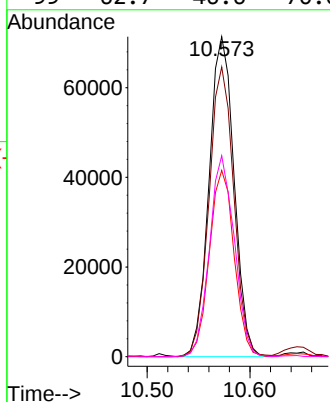
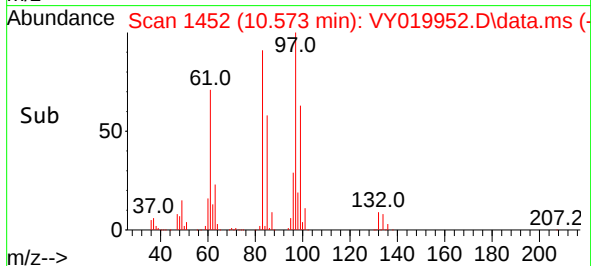
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



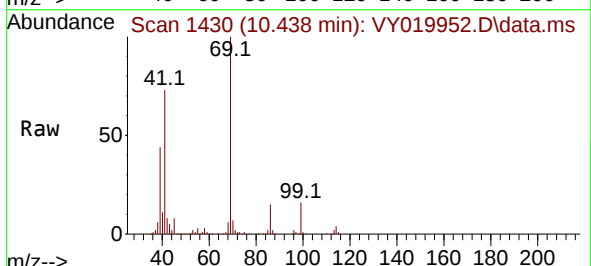
Tgt Ion: 97 Resp: 120820
Ion Ratio Lower Upper
97 100
83 90.6 67.5 101.3
85 58.1 42.9 64.3
99 62.7 46.6 70.0

Manual Integrations
APPROVED

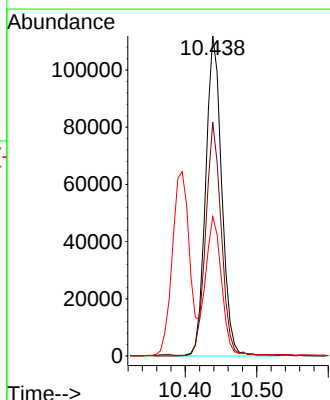
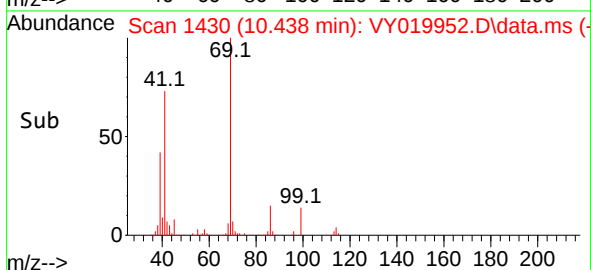
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

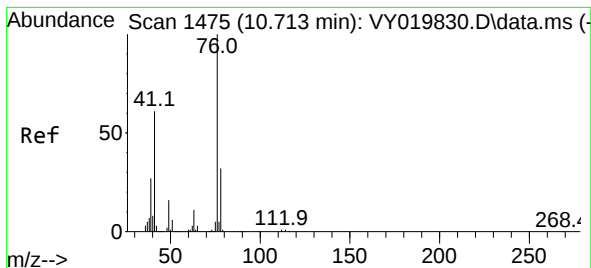


#56
Ethyl methacrylate
Concen: 59.438 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



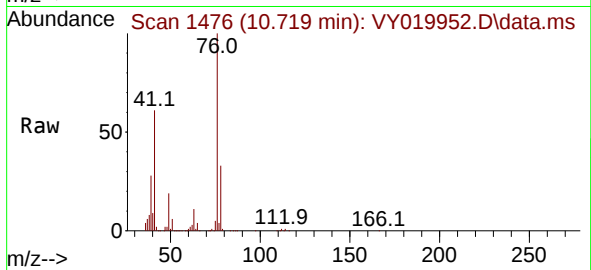
Tgt Ion: 69 Resp: 174464
Ion Ratio Lower Upper
69 100
41 70.2 42.3 63.5#
39 41.3 22.9 34.3#





#57
1,3-Dichloropropane
Concen: 60.073 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

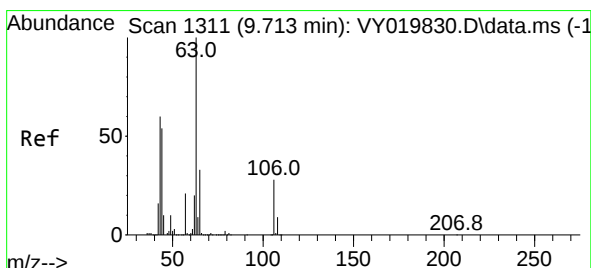
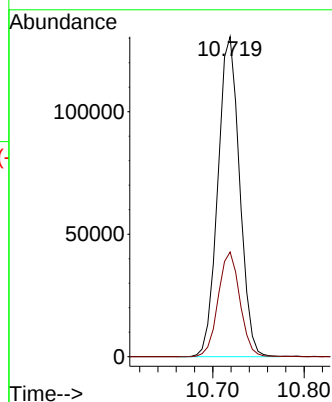
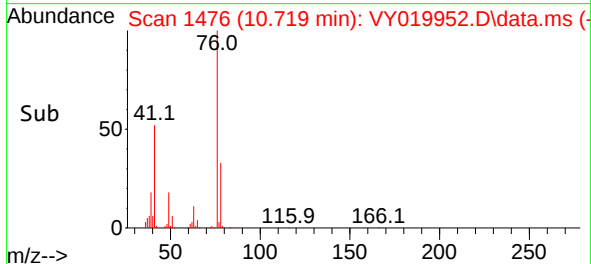
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 215804
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

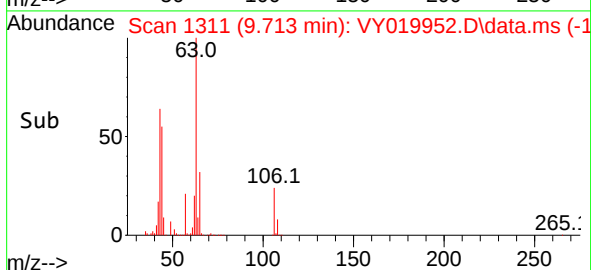
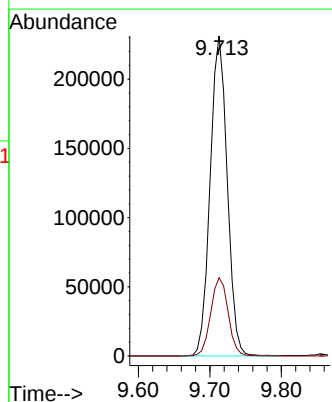
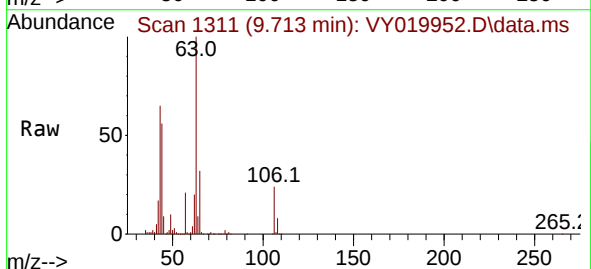
Manual Integrations
APPROVED

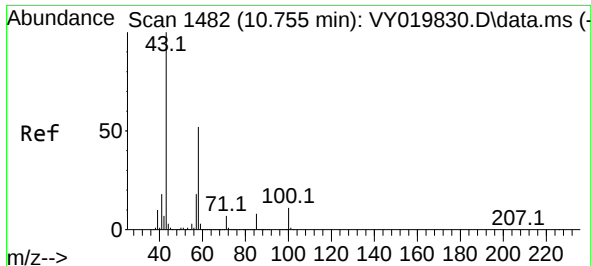
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#58
2-Chloroethyl Vinyl ether
Concen: 280.694 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

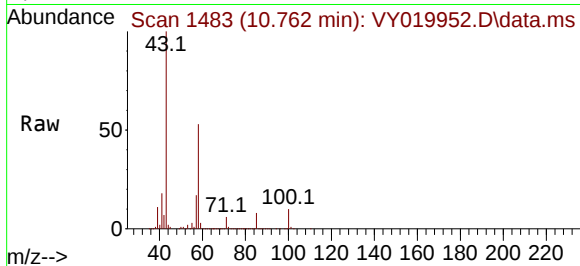
Tgt Ion: 63 Resp: 383552
Ion Ratio Lower Upper
63 100
106 24.9 23.7 35.5





#59
2-Hexanone
Concen: 289.510 ug/l
RT: 10.762 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

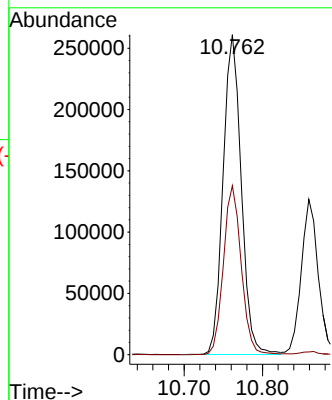
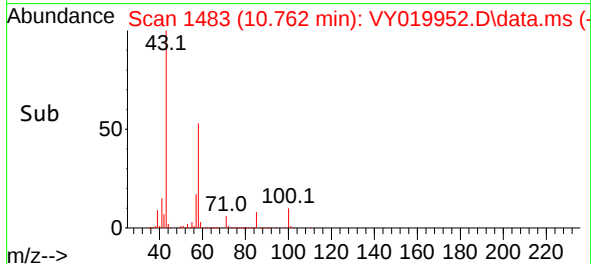
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



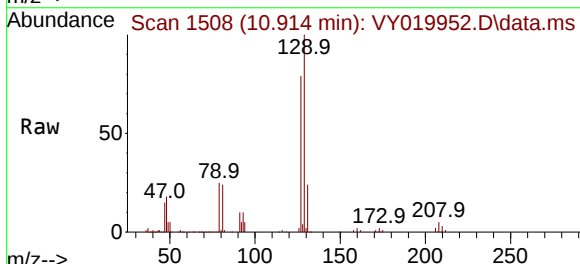
Tgt Ion: 43 Resp: 42077
Ion Ratio Lower Upper
43 100
58 51.8 31.4 94.0

Manual Integrations
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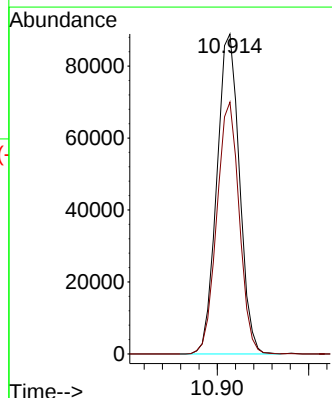
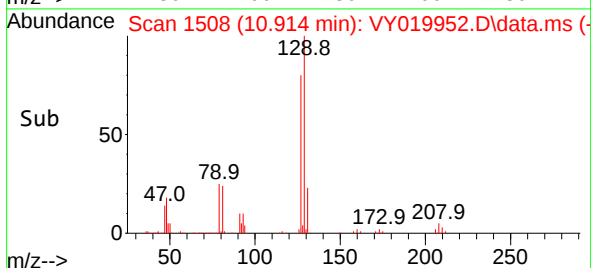
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

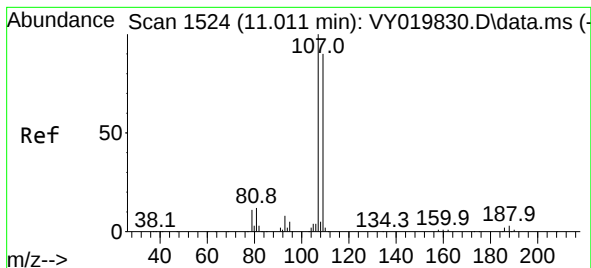


#60
Dibromochloromethane
Concen: 58.265 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



Tgt Ion:129 Resp: 152978
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0





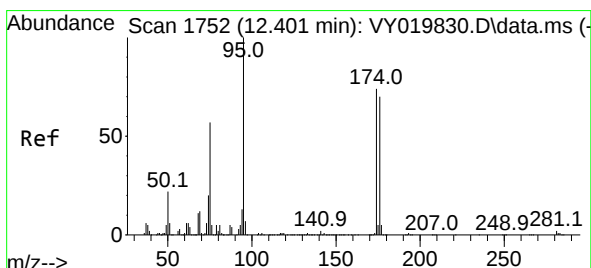
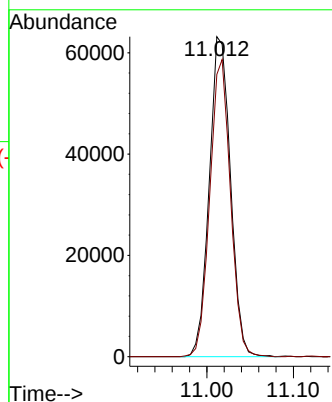
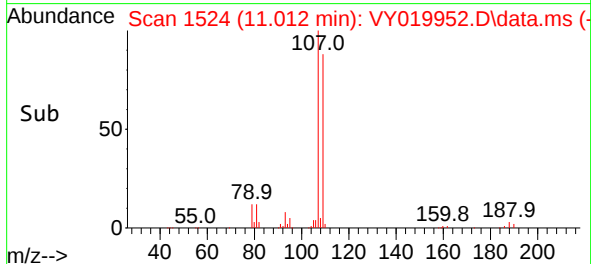
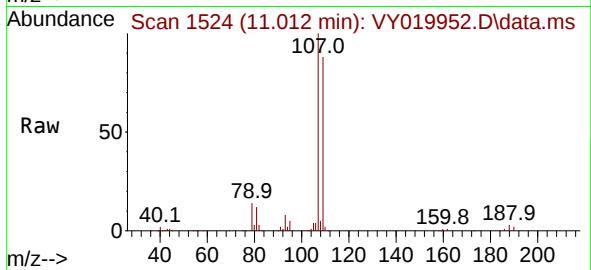
#61
1,2-Dibromoethane
Concen: 58.212 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 107600
Ion Ratio Lower Upper
107 100
109 90.1 75.9 113.9

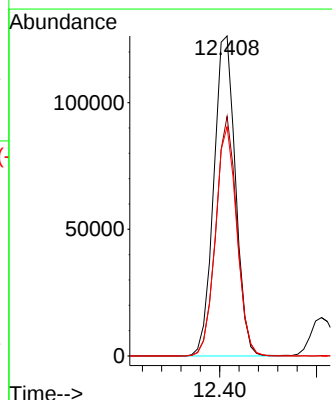
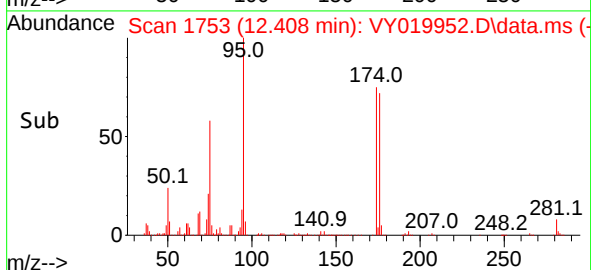
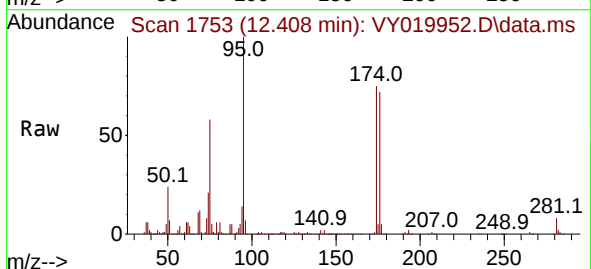
Manual Integrations
APPROVED

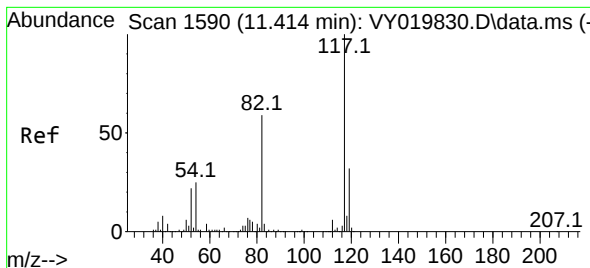
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#62
4-Bromofluorobenzene
Concen: 56.576 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 95 Resp: 196583
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 70.5 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: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC0050EC

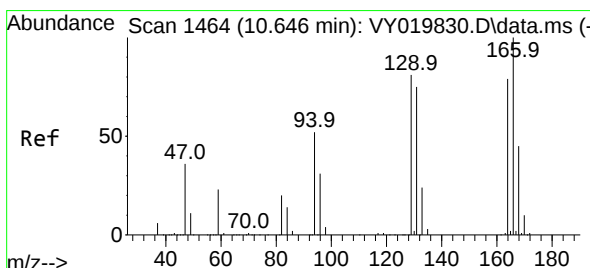
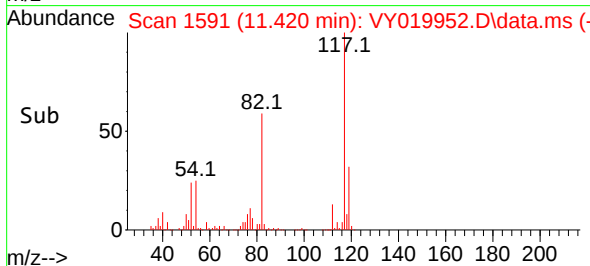
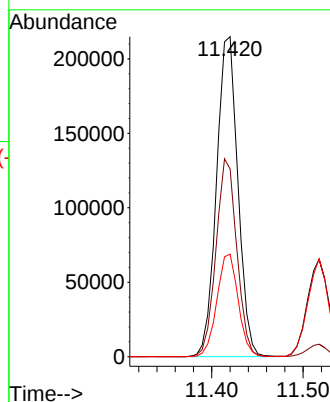
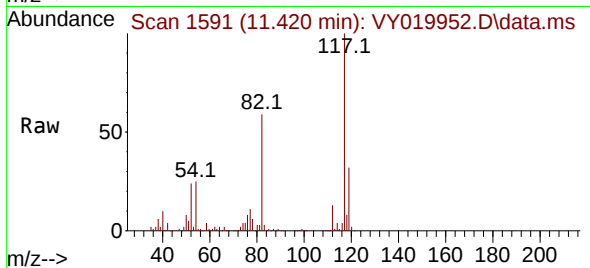
Tgt Ion:117 Resp: 34989

Ion	Ratio	Lower	Upper
117	100		
82	58.6	42.4	63.6
119	32.0	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#64

Tetrachloroethene

Concen: 51.642 ug/l

RT: 10.646 min Scan# 1464

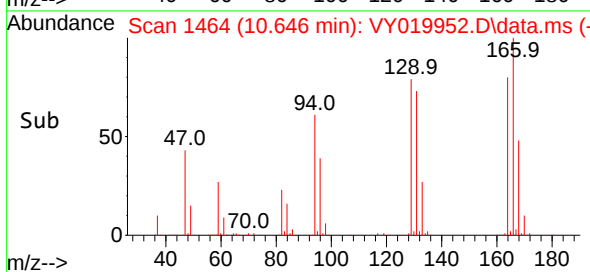
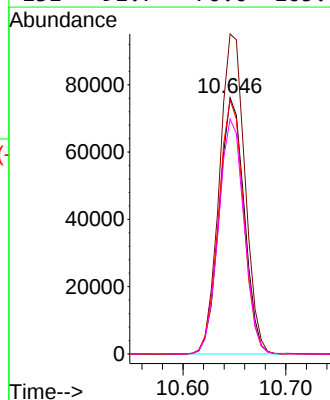
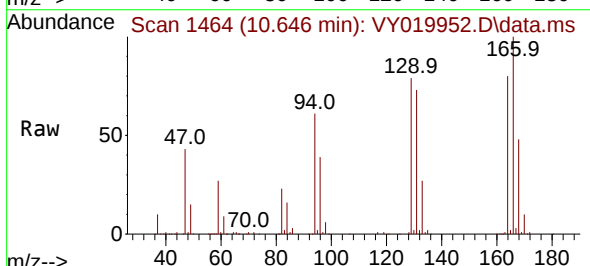
Delta R.T. -0.006 min

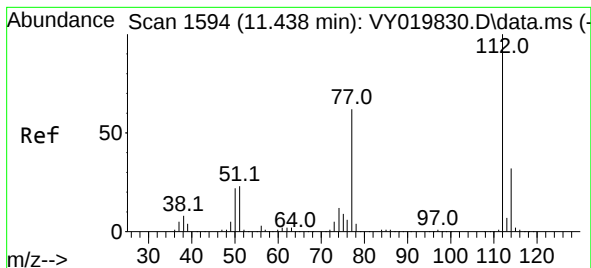
Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Tgt Ion:164 Resp: 128524

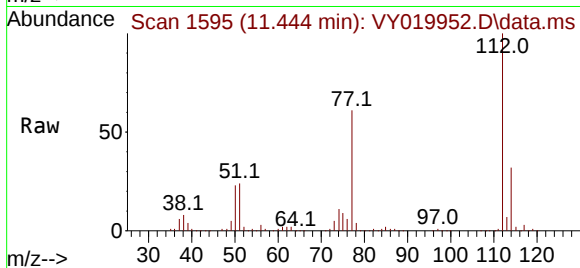
Ion	Ratio	Lower	Upper
164	100		
166	124.9	102.6	154.0
129	99.1	72.0	108.0
131	91.7	70.0	105.0





#65
Chlorobenzene
Concen: 55.941 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

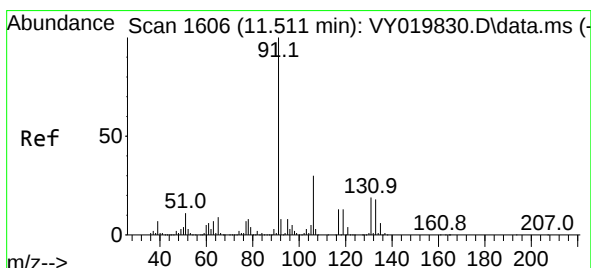
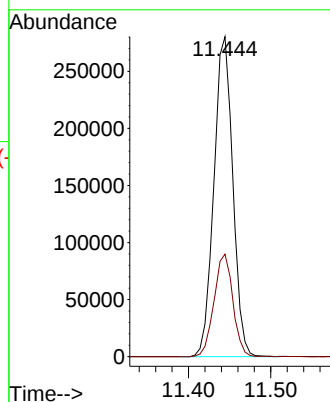
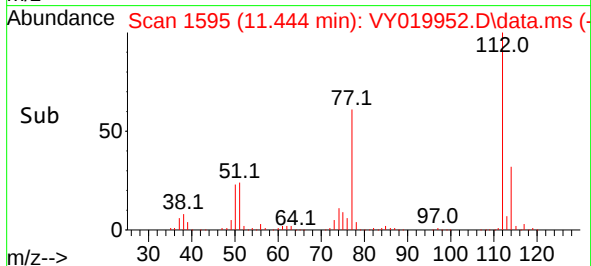
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 44769
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

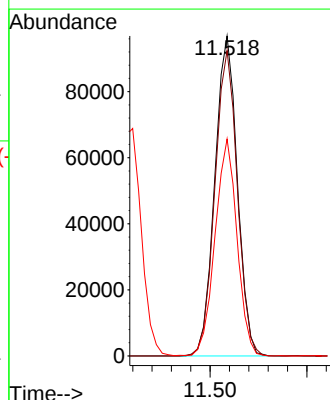
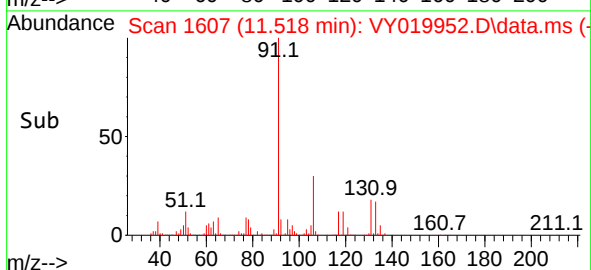
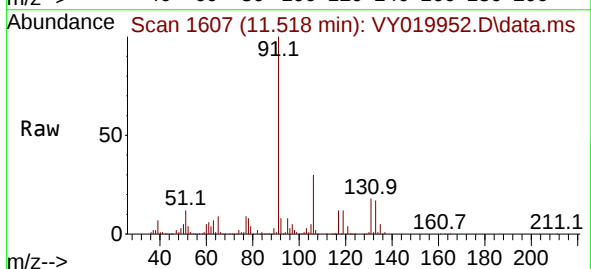
Manual Integrations
APPROVED

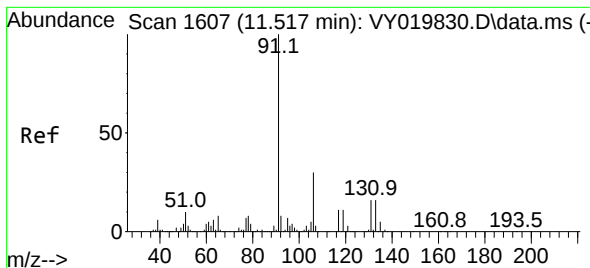
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.644 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

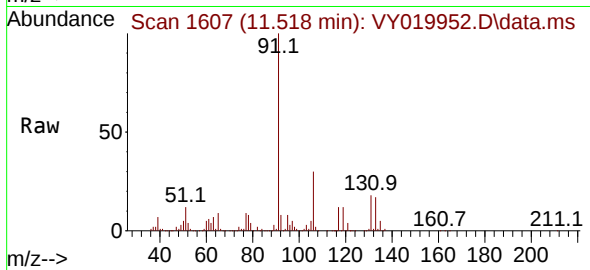
Tgt Ion:131 Resp: 156082
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 56.231 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

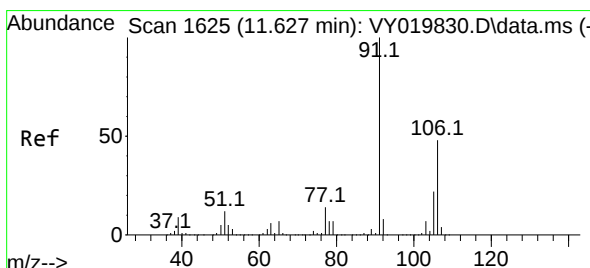
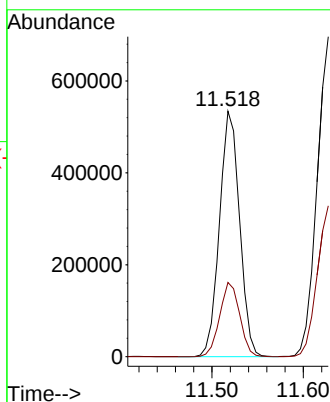
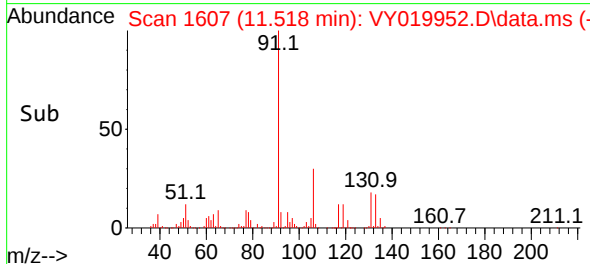
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 81746
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

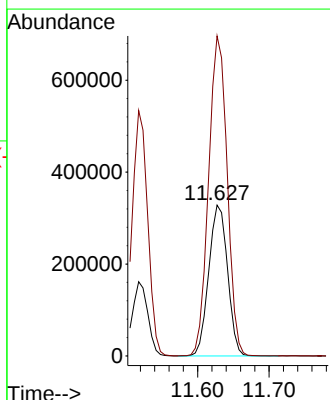
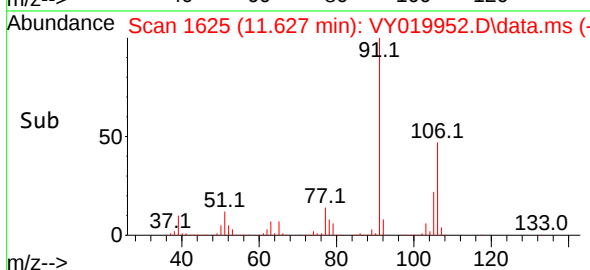
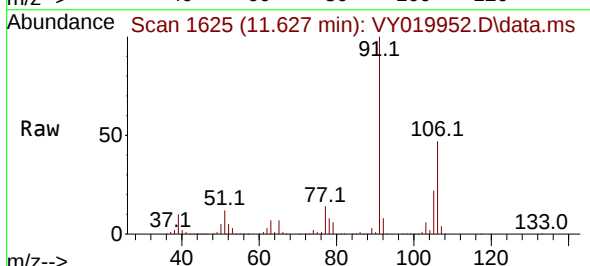
Manual Integrations
APPROVED

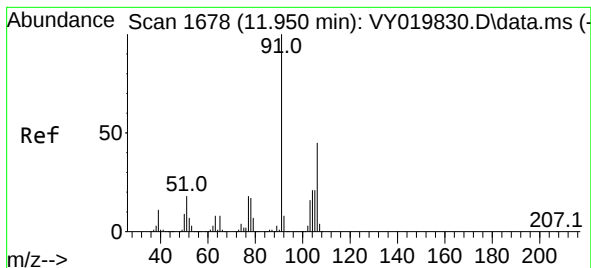
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#68
m/p-Xylenes
Concen: 111.523 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion:106 Resp: 598774
Ion Ratio Lower Upper
106 100
91 209.9 156.0 234.0





#69

o-Xylene

Concen: 56.473 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 291324

Ion Ratio Lower Upper

106 100

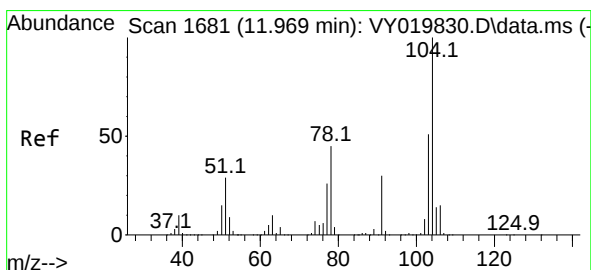
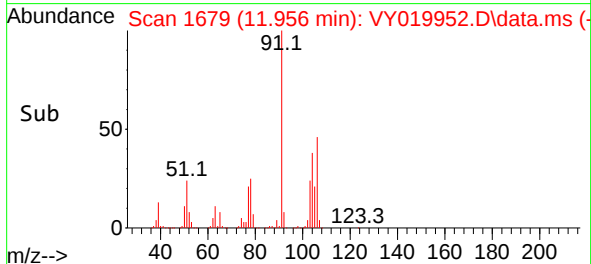
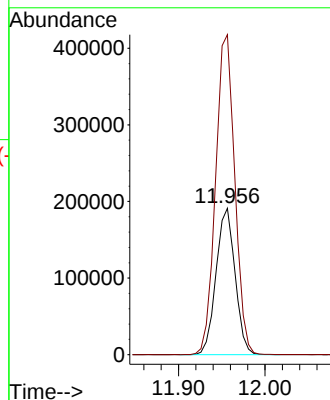
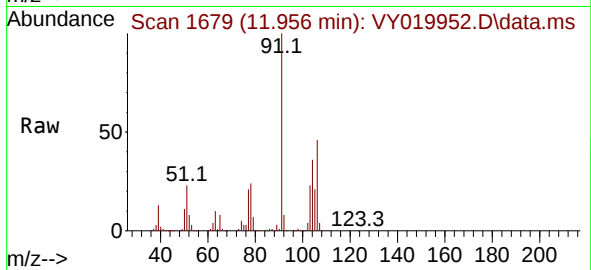
91 221.1 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#70

Styrene

Concen: 57.933 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

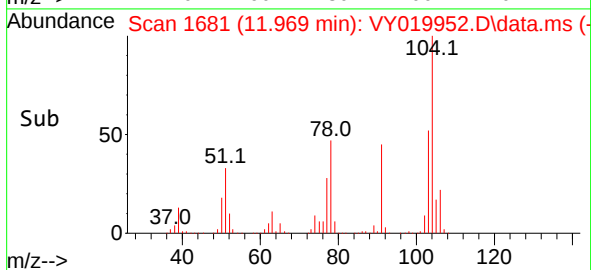
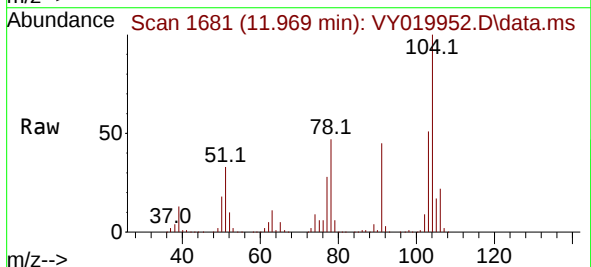
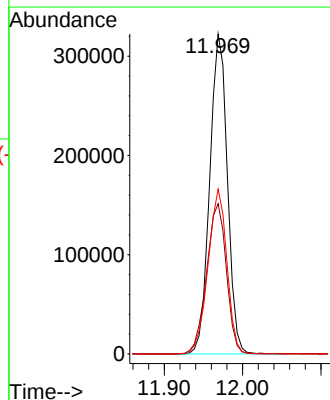
Tgt Ion:104 Resp: 504208

Ion Ratio Lower Upper

104 100

78 52.7 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 55.033 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

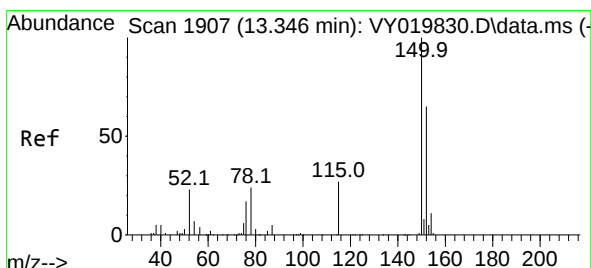
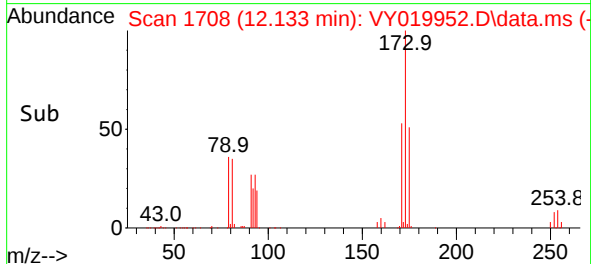
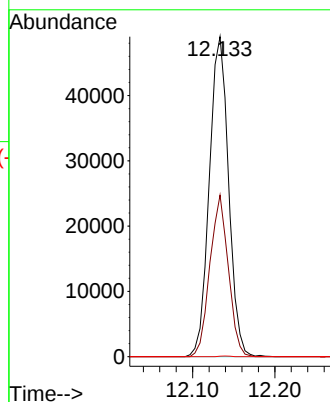
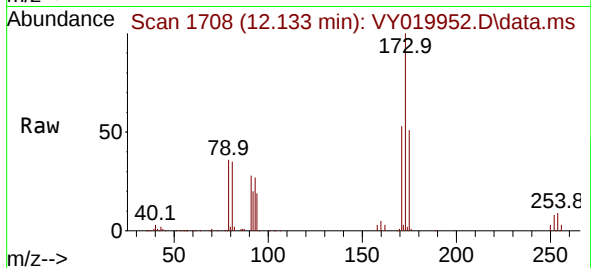
VSTDCCC050EC

Tgt Ion:173	Resp:	7977
Ion Ratio	Lower	Upper
173	100	
175	48.3	25.1 75.3
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

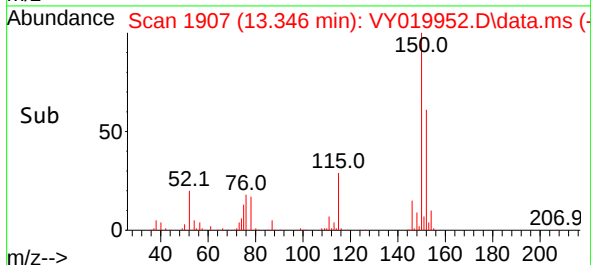
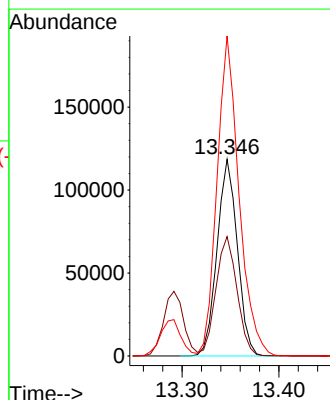
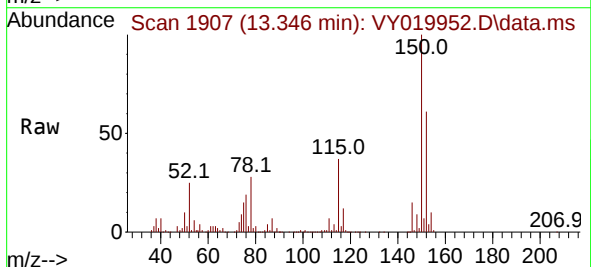
RT: 13.346 min Scan# 1907

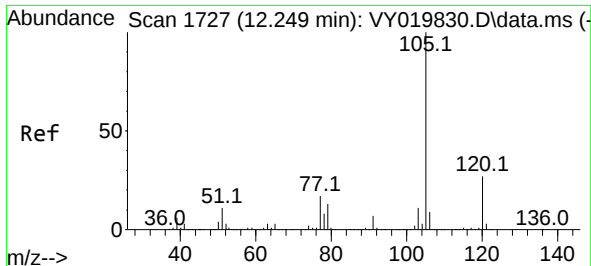
Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

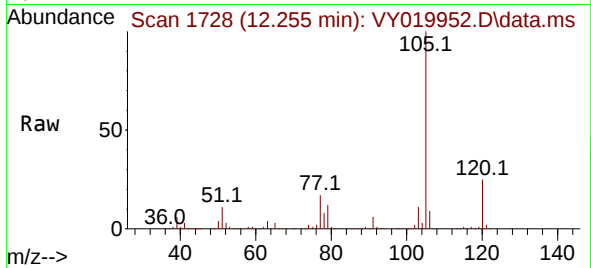
Tgt Ion:152	Resp:	172592
Ion Ratio	Lower	Upper
152	100	
115	63.1	28.2 84.7
150	176.1	0.0 345.6





#73
Isopropylbenzene
Concen: 54.699 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

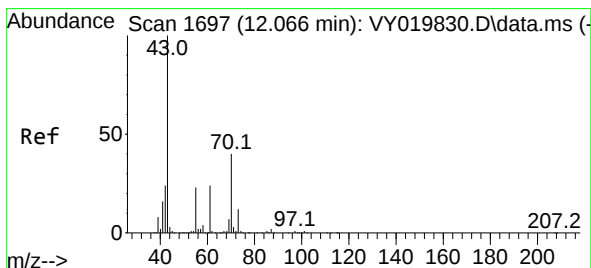
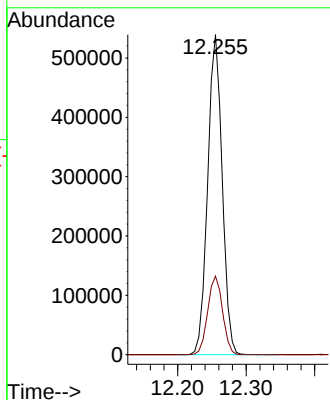
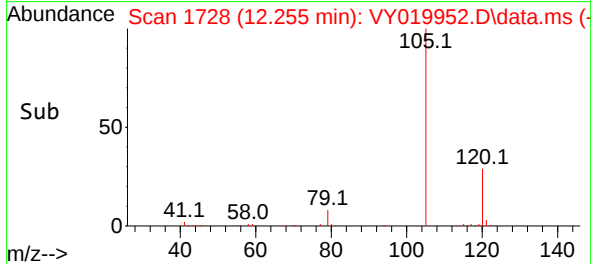
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



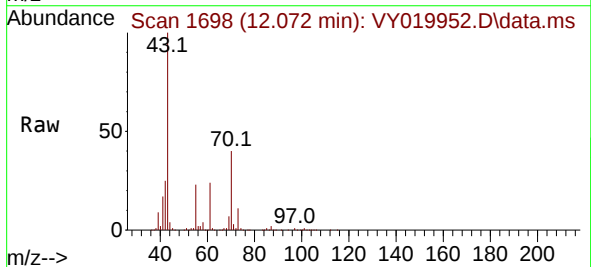
Tgt Ion:105 Resp: 794072
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1

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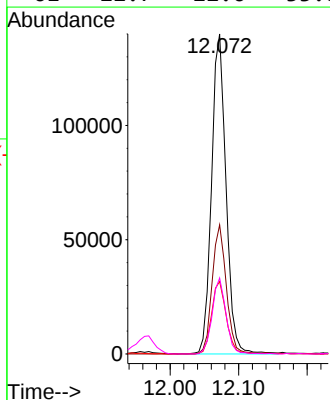
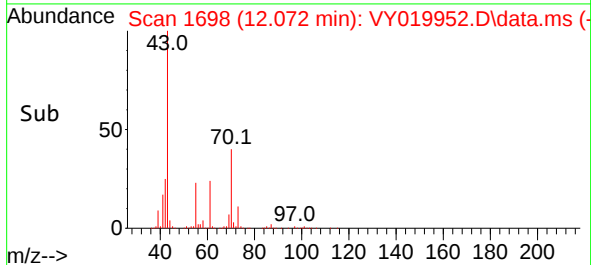
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

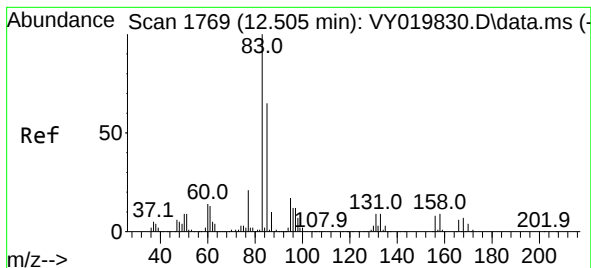


#74
N-ethyl acetate
Concen: 53.367 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



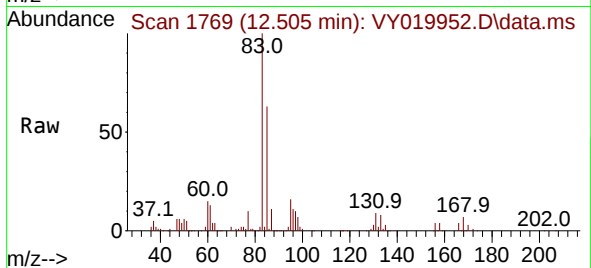
Tgt Ion: 43 Resp: 205197
Ion Ratio Lower Upper
43 100
70 39.6 41.4 62.2#
55 23.0 23.3 34.9#
61 22.7 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 57.427 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

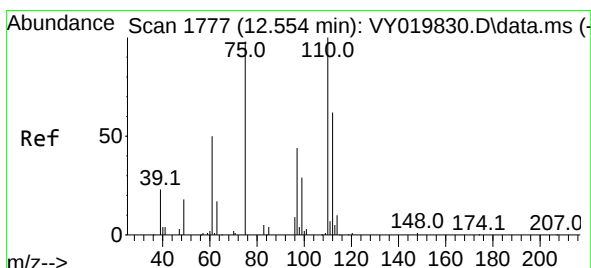
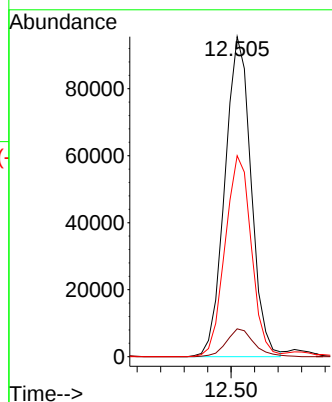
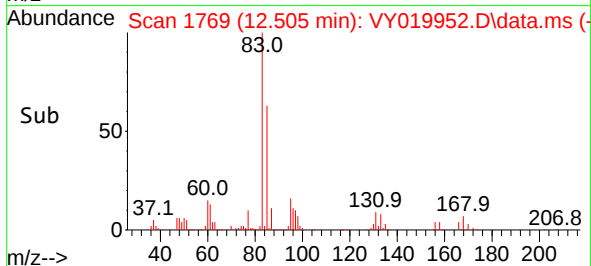
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 148130
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 62.9 32.0 96.0

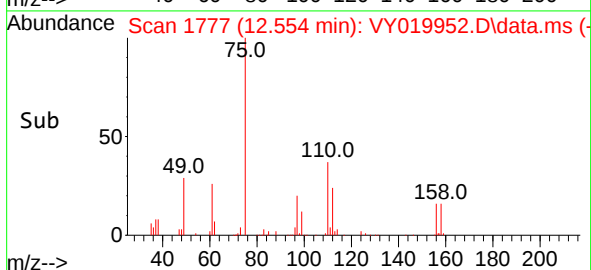
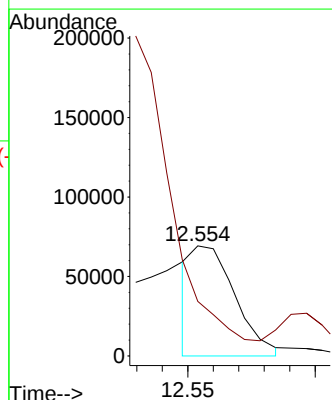
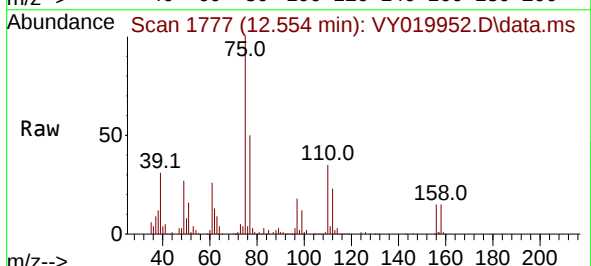
Manual Integrations
APPROVED

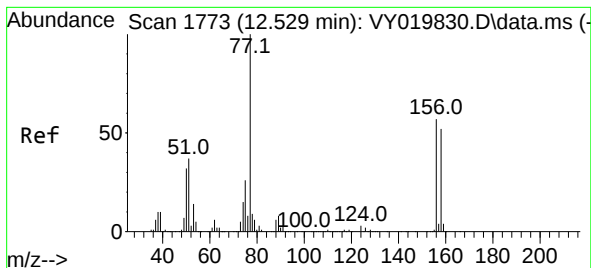
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#76
1,2,3-Trichloropropane
Concen: 24.249 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 75 Resp: 81986
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.298 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

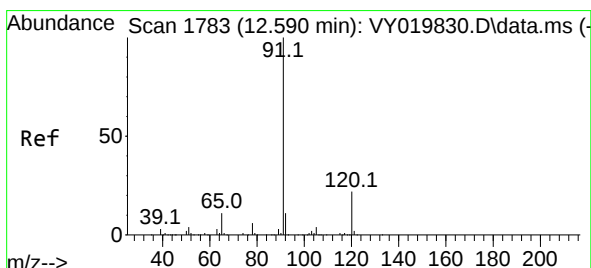
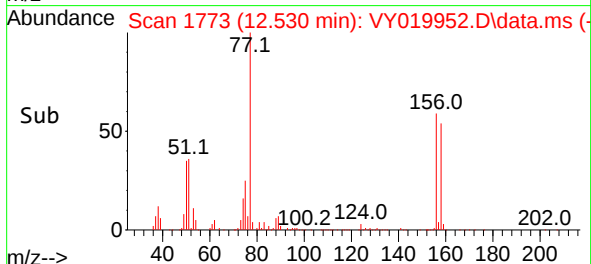
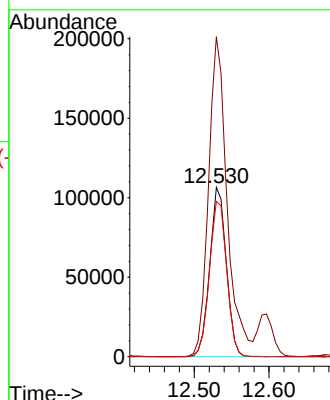
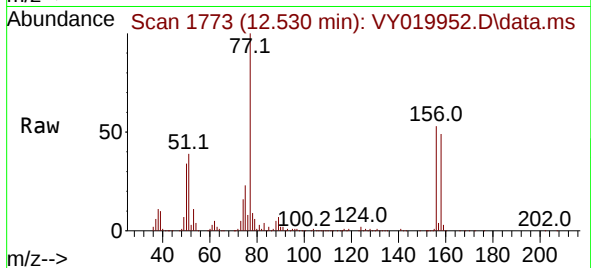
VSTDCCC050EC

Tgt Ion:	156	Resp:	16419
Ion Ratio	Lower	Upper	
156	100		
77	211.7	87.1	261.3
158	95.4	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#78

n-propylbenzene

Concen: 55.752 ug/l

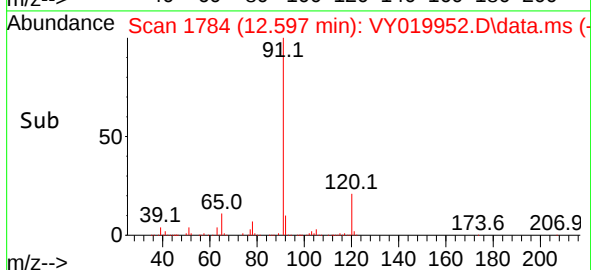
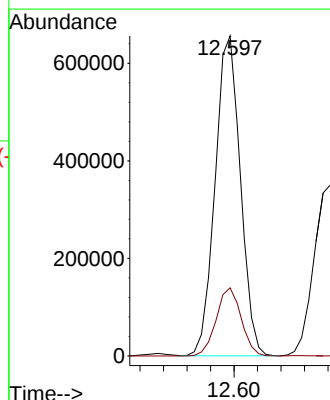
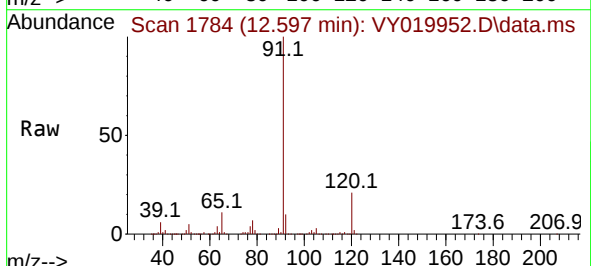
RT: 12.597 min Scan# 1784

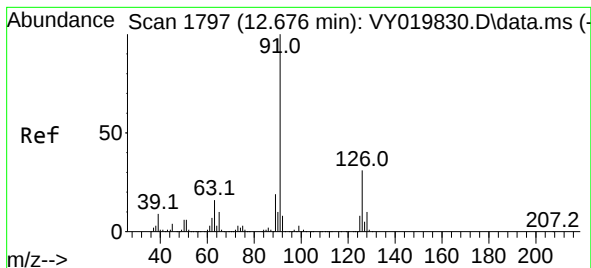
Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Tgt Ion:	91	Resp:	977980
Ion Ratio	Lower	Upper	
91	100		
120	21.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 54.460 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 547672

Ion Ratio Lower Upper

91 100

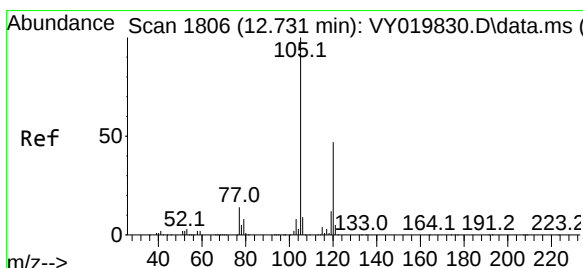
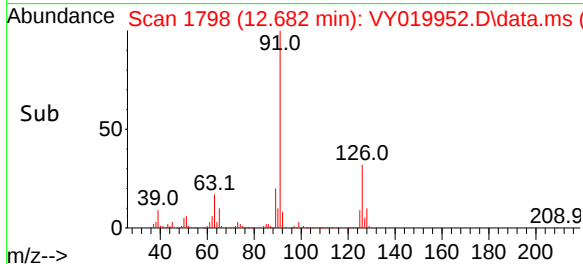
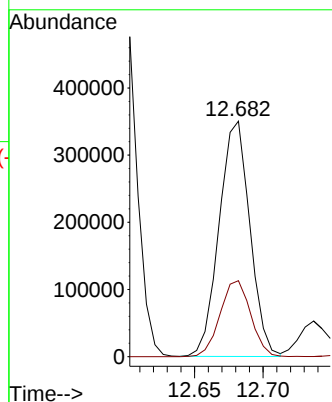
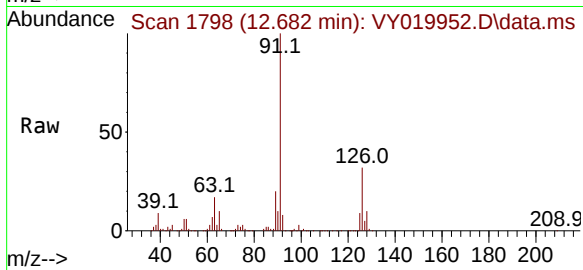
126 32.2 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#80

1,3,5-Trimethylbenzene

Concen: 54.194 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019952.D

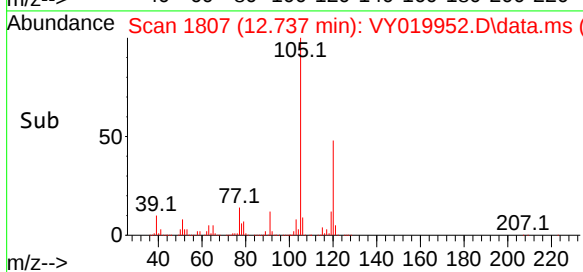
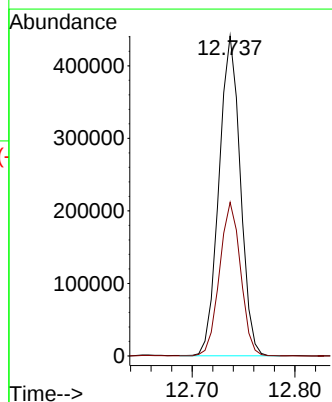
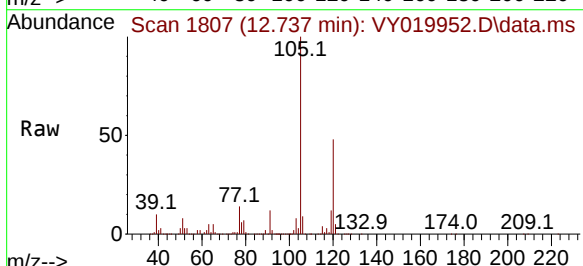
Acq: 18 Oct 2024 15:03

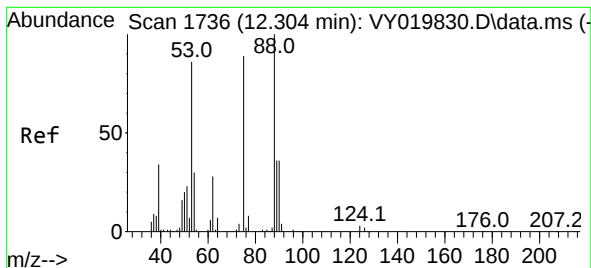
Tgt Ion:105 Resp: 635372

Ion Ratio Lower Upper

105 100

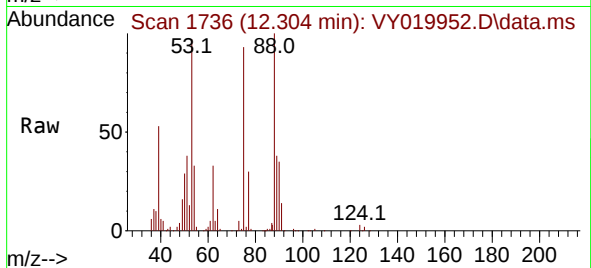
120 47.6 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 51.776 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

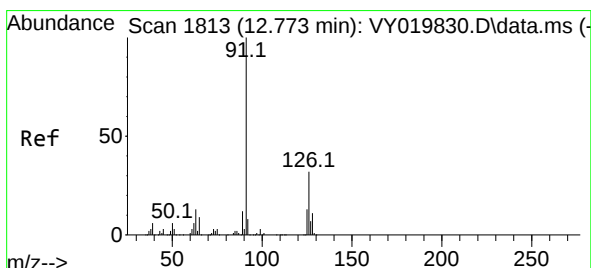
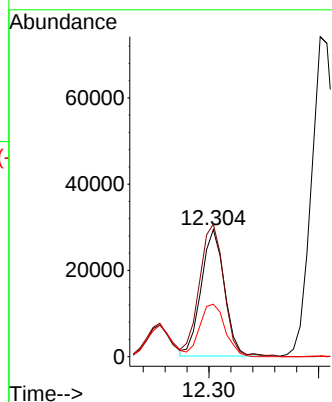
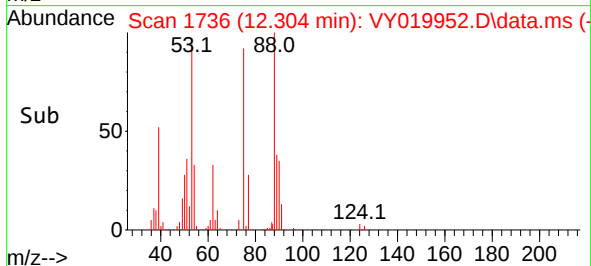
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 43370
Ion Ratio Lower Upper
75 100
53 110.7 66.8 100.2
89 44.7 35.8 53.6

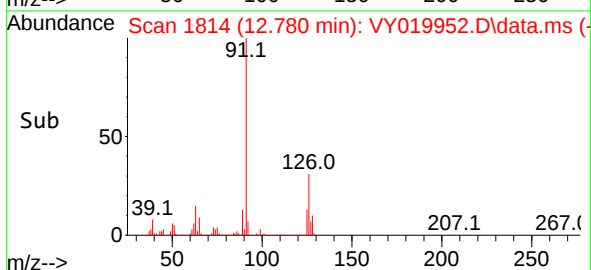
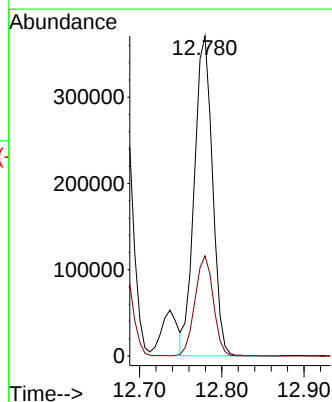
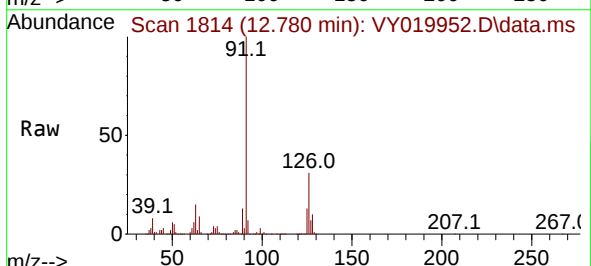
Manual Integrations
APPROVED

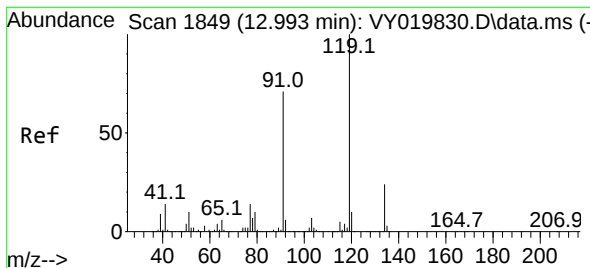
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#82
4-Chlorotoluene
Concen: 55.029 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

Tgt Ion: 91 Resp: 565848
Ion Ratio Lower Upper
91 100
126 31.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.544 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

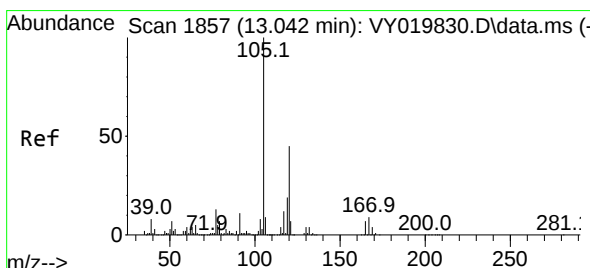
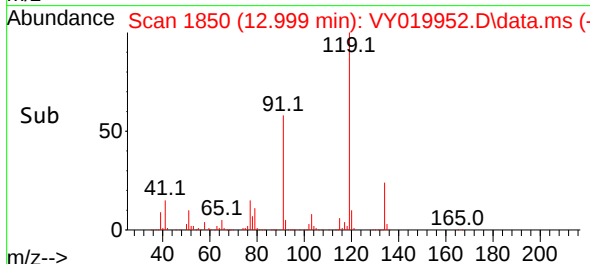
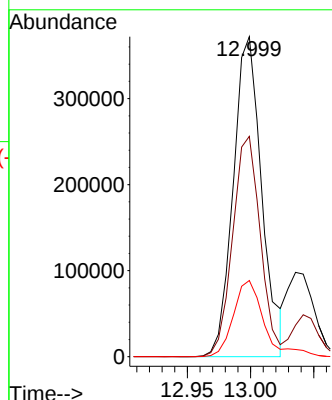
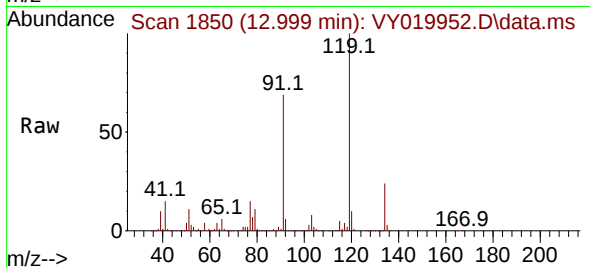
Tgt Ion:119 Resp: 58337

Ion	Ratio	Lower	Upper
119	100		
91	67.0	31.3	93.8
134	25.6	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#84

1,2,4-Trimethylbenzene

Concen: 54.518 ug/l

RT: 13.042 min Scan# 1857

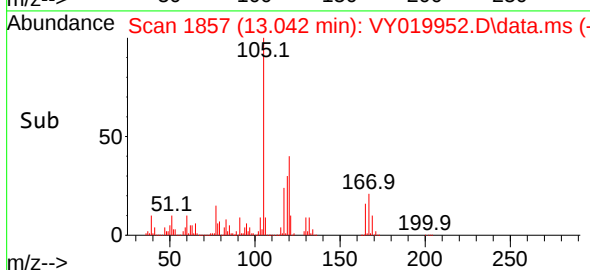
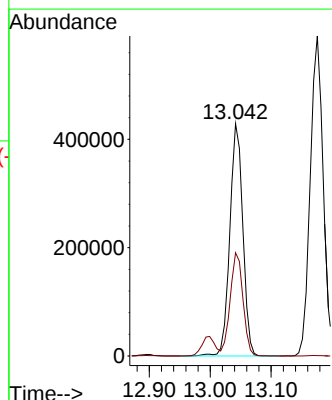
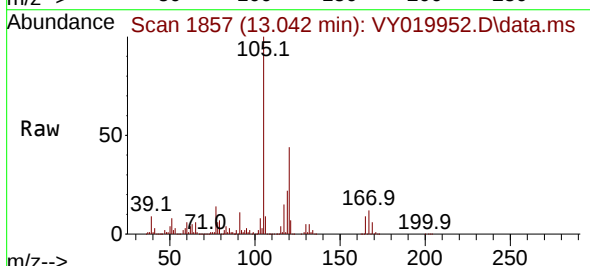
Delta R.T. -0.006 min

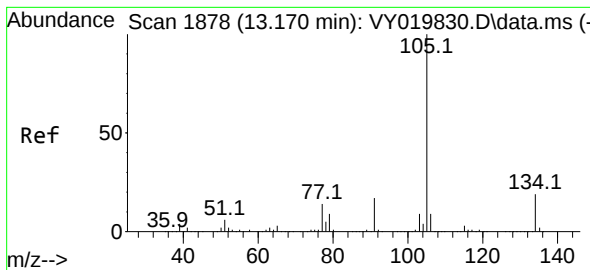
Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Tgt Ion:105 Resp: 633700

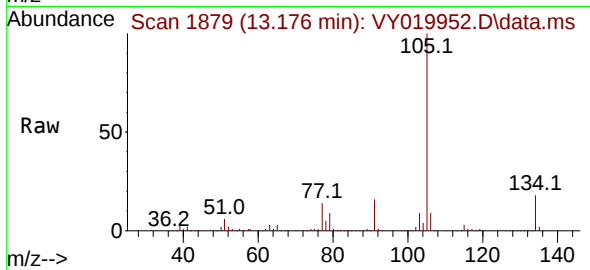
Ion	Ratio	Lower	Upper
105	100		
120	43.7	23.2	69.6





#85
 sec-Butylbenzene
 Concen: 55.435 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03

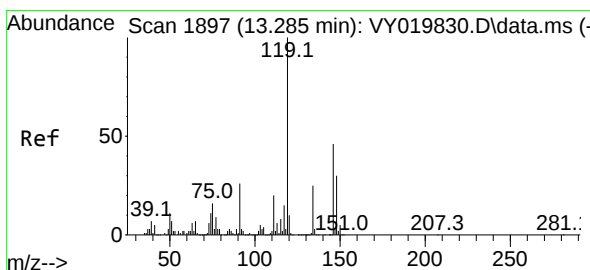
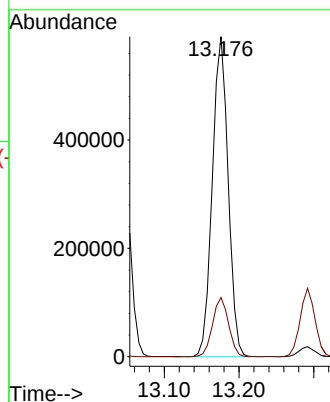
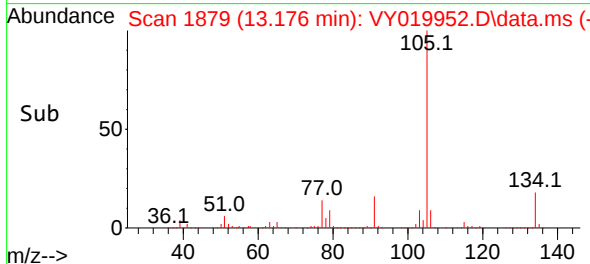
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



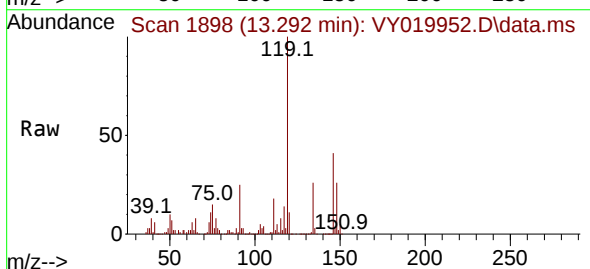
Tgt Ion:105 Resp: 869890
 Ion Ratio Lower Upper
 105 100
 134 18.7 10.1 30.1

Manual Integrations
 APPROVED

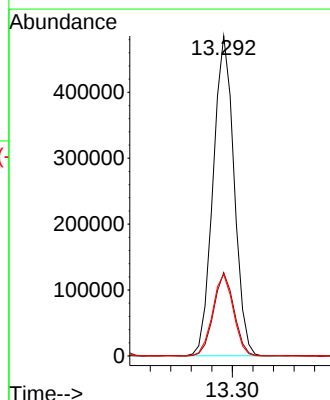
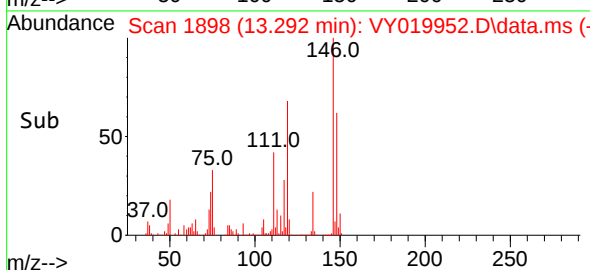
Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

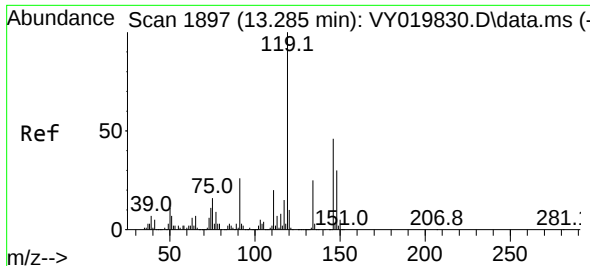


#86
 p-Isopropyltoluene
 Concen: 53.782 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019952.D
 Acq: 18 Oct 2024 15:03



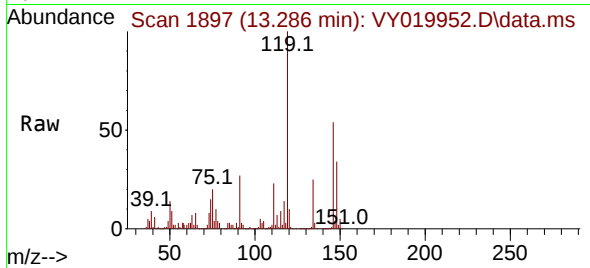
Tgt Ion:119 Resp: 685311
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.3
 91 25.1 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 52.683 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

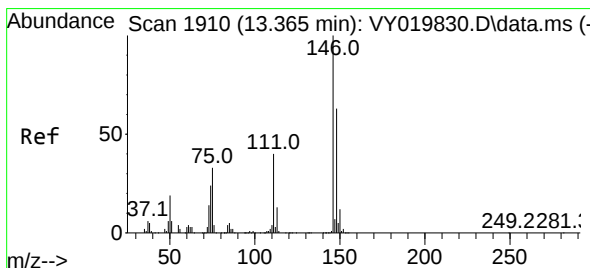
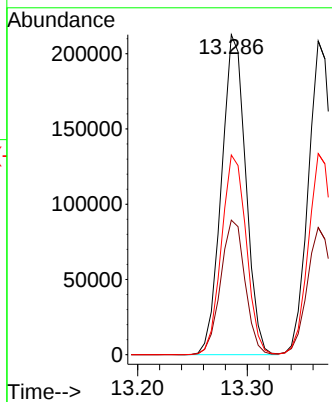
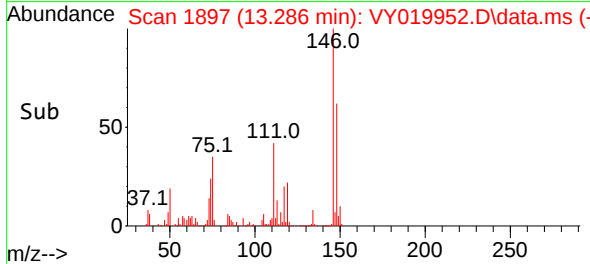
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 327749
Ion Ratio Lower Upper
146 100
111 42.3 19.0 57.0
148 63.6 31.7 95.1

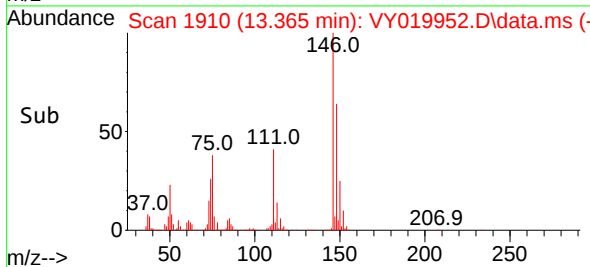
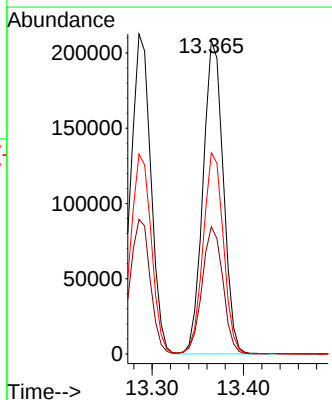
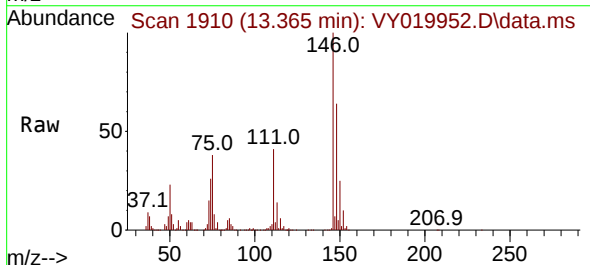
Manual Integrations
APPROVED

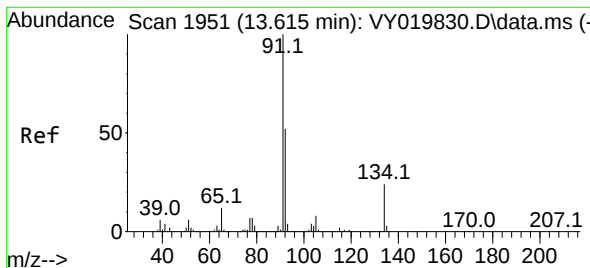
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#88
1,4-Dichlorobenzene
Concen: 52.484 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

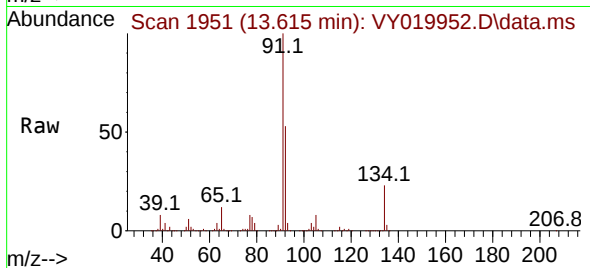
Tgt Ion:146 Resp: 320768
Ion Ratio Lower Upper
146 100
111 41.5 18.4 55.4
148 64.2 32.4 97.2





#89
n-Butylbenzene
Concen: 54.426 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

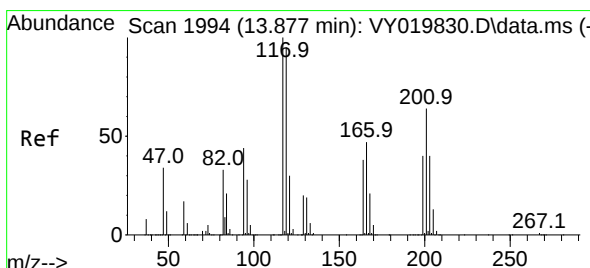
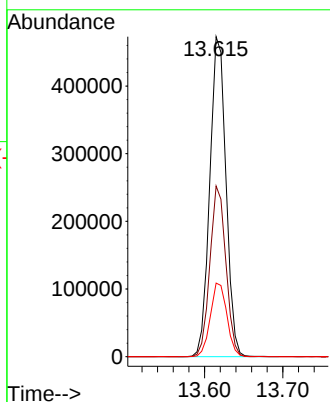
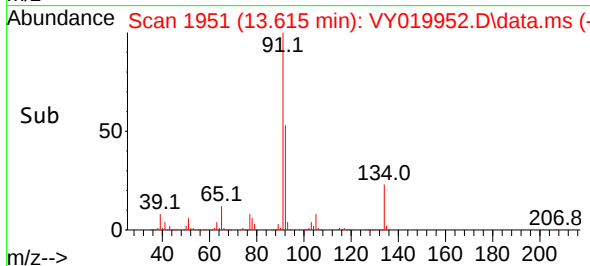
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



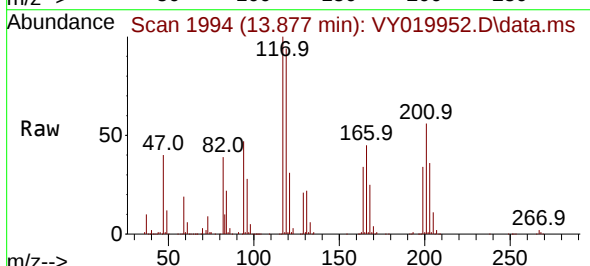
Tgt Ion: 91 Resp: 677190
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 23.5 12.9 38.7

Manual Integrations
APPROVED

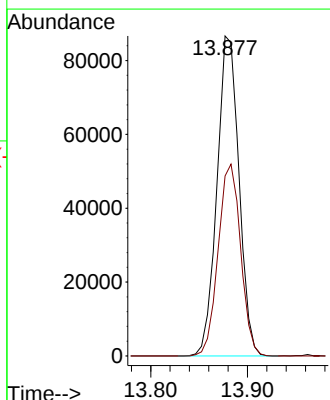
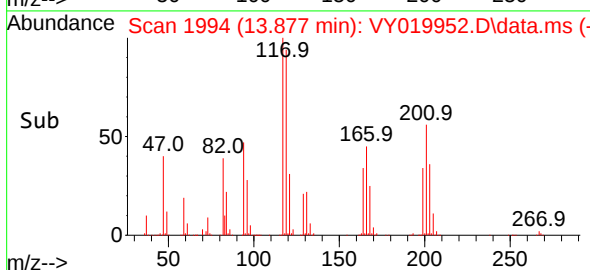
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024

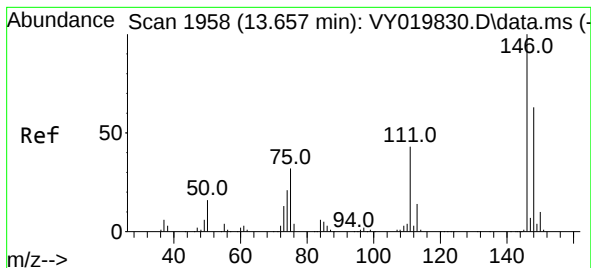


#90
Hexachloroethane
Concen: 55.102 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



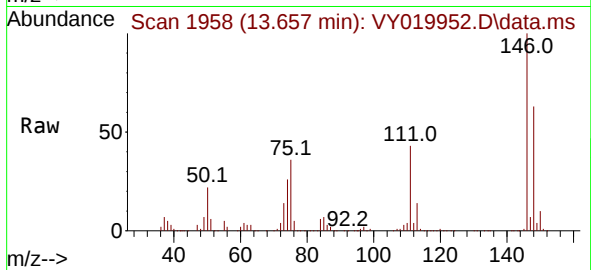
Tgt Ion:117 Resp: 136721
Ion Ratio Lower Upper
117 100
201 61.1 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 53.680 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03

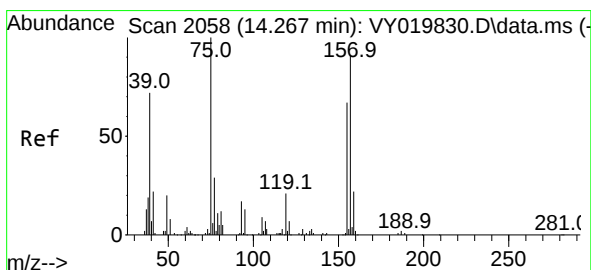
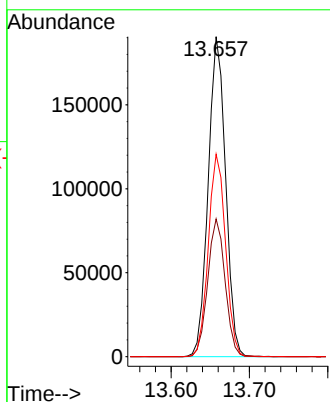
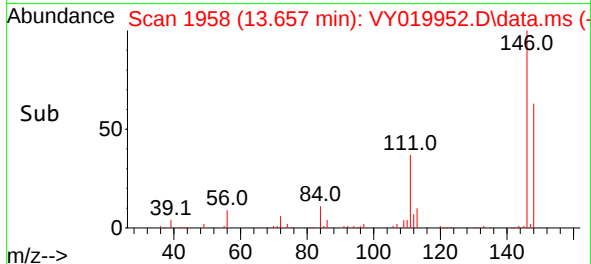
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



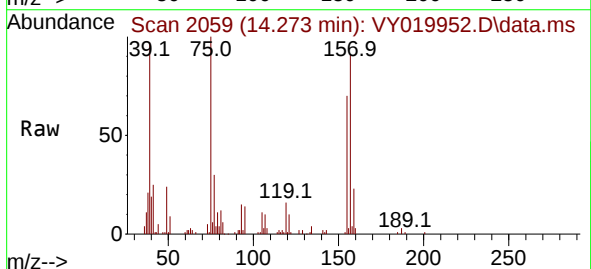
Tgt Ion:146 Resp: 293430
Ion Ratio Lower Upper
146 100
111 43.0 19.9 59.7
148 62.8 31.8 95.4

Manual Integrations
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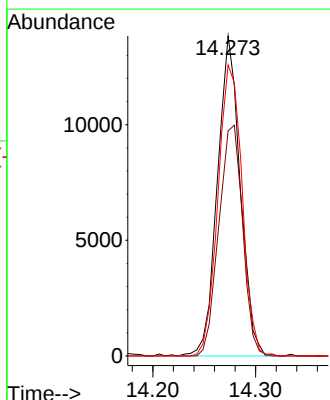
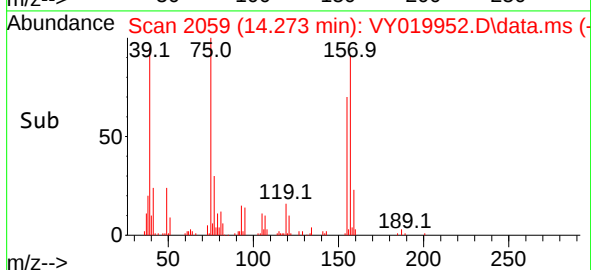
Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.727 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019952.D
Acq: 18 Oct 2024 15:03



Tgt Ion: 75 Resp: 21295
Ion Ratio Lower Upper
75 100
155 75.2 48.6 145.8
157 95.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.621 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019952.D

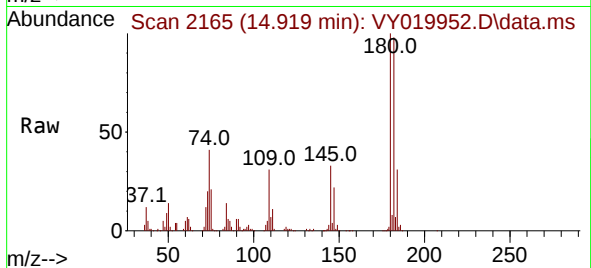
Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 149030

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

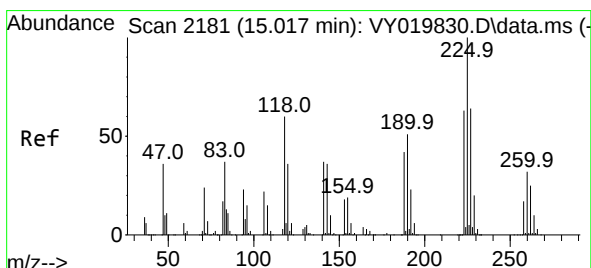
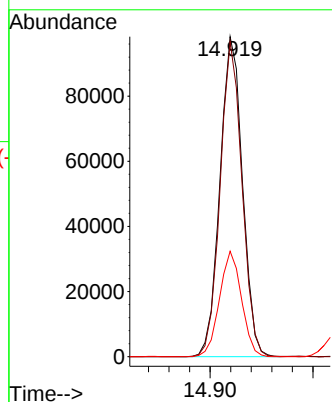
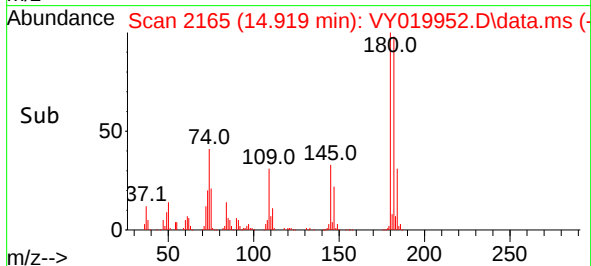
145 32.2 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024

Supervised By :Semsettin Yesilyurt 10/21/2024



#94

Hexachlorobutadiene

Concen: 47.857 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

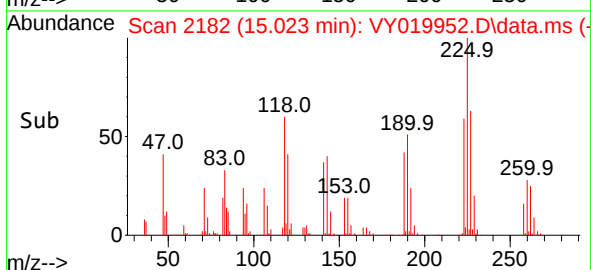
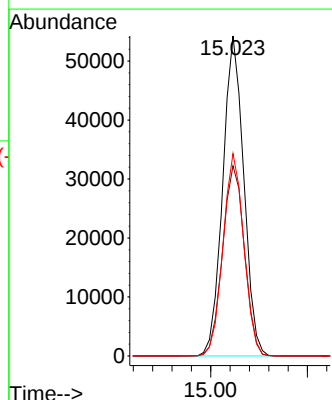
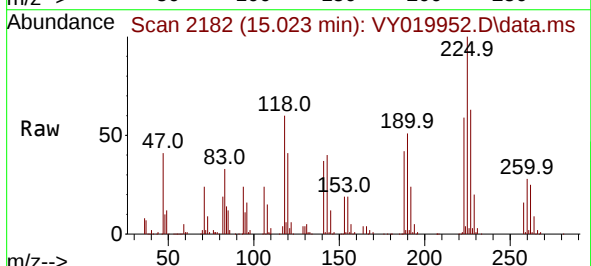
Tgt Ion:225 Resp: 81554

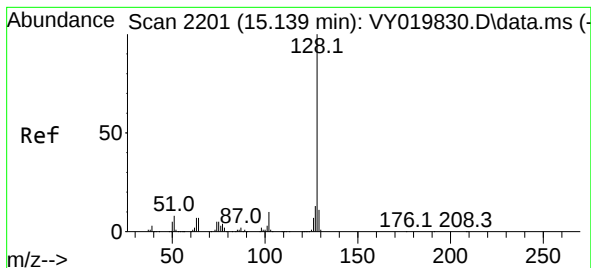
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 51.000 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Instrument :

MSVOA_Y

ClientSampleId :

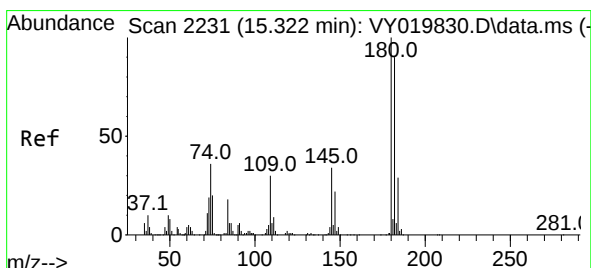
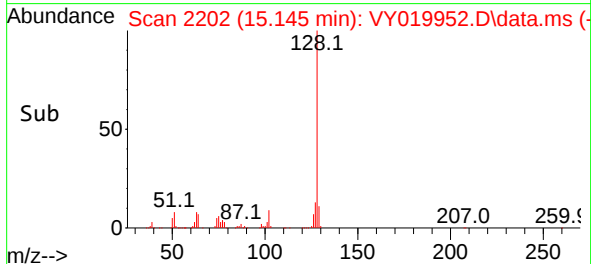
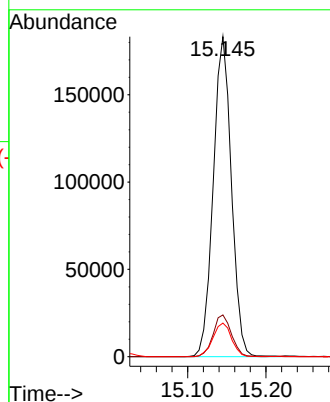
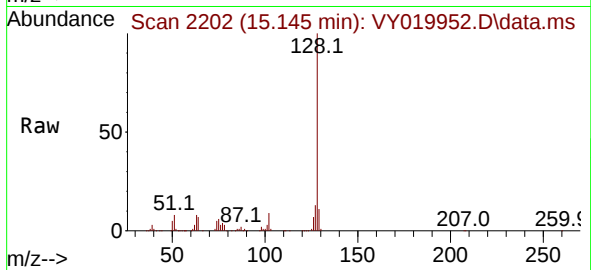
VSTDCCC050EC

Tgt Ion:	128	Resp:	294834
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
Supervised By :Semsettin Yesilyurt 10/21/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.028 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019952.D

Acq: 18 Oct 2024 15:03

Tgt Ion:	180	Resp:	127034
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.6	142.9
145	34.7	15.4	46.1

