

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019109.D
 Acq On : 19 Aug 2024 11:55
 Operator : SY/MD
 Sample : VY0819SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024

Quant Time: Aug 19 14:51:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	130080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	208343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	184262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	91756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	63746	48.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.780%		
35) Dibromofluoromethane	7.622	113	67562	49.595	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.200%		
50) Toluene-d8	10.103	98	242824	49.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.402	95	84777	50.728	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	101.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	19175	20.092	ug/l	99
3) Chloromethane	2.068	50	31576	18.356	ug/l	98
4) Vinyl Chloride	2.196	62	38993	18.351	ug/l	99
5) Bromomethane	2.574	94	30995	20.389	ug/l	95
6) Chloroethane	2.727	64	24173	16.670	ug/l	94
7) Trichlorofluoromethane	3.044	101	58080	18.079	ug/l	97
8) Diethyl Ether	3.446	74	13742	19.818	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.806	101	26294	18.411	ug/l	99
10) Methyl Iodide	3.995	142	24434	17.454	ug/l	94
11) Tert butyl alcohol	4.836	59	13038	90.977	ug/l #	92
12) 1,1-Dichloroethene	3.781	96	24129	18.596	ug/l	98
13) Acrolein	3.629	56	10717	97.404	ug/l	100
14) Allyl chloride	4.366	41	33556	19.451	ug/l	94
15) Acrylonitrile	5.043	53	28480	100.377	ug/l	98
16) Acetone	3.854	43	24739	102.303	ug/l #	78
17) Carbon Disulfide	4.092	76	68096	18.607	ug/l	100
18) Methyl Acetate	4.373	43	14057	18.940	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	62099	19.740	ug/l	99
20) Methylene Chloride	4.598	84	34775	16.253	ug/l	97
21) trans-1,2-Dichloroethene	5.092	96	27825	19.194	ug/l	97
22) Diisopropyl ether	6.000	45	76244	19.306	ug/l #	86
23) Vinyl Acetate	5.939	43	303531	97.077	ug/l	96
24) 1,1-Dichloroethane	5.897	63	45793	18.960	ug/l	97
25) 2-Butanone	6.878	43	37357	95.923	ug/l	98
26) 2,2-Dichloropropane	6.872	77	37753	19.303	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	32701	19.168	ug/l	99
28) Bromochloromethane	7.232	49	19345	19.094	ug/l	100
29) Tetrahydrofuran	7.244	42	23960	95.707	ug/l	90
30) Chloroform	7.403	83	52239	19.411	ug/l	94
31) Cyclohexane	7.689	56	36794	16.893	ug/l	94
32) 1,1,1-Trichloroethane	7.604	97	45170	19.099	ug/l	96
36) 1,1-Dichloropropene	7.823	75	34959	18.688	ug/l	98
37) Ethyl Acetate	6.970	43	18039	21.766	ug/l #	76
38) Carbon Tetrachloride	7.805	117	39909	18.409	ug/l	91
39) Methylcyclohexane	9.097	83	42054	17.518	ug/l	93
40) Benzene	8.067	78	108398	18.894	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10642m	23.526	ug/l	
42) 1,2-Dichloroethane	8.146	62	29868	19.279	ug/l	99
43) Isopropyl Acetate	8.183	43	32172	19.194	ug/l #	81
44) Trichloroethene	8.853	130	29845	18.643	ug/l	97
45) 1,2-Dichloropropane	9.128	63	24846	19.437	ug/l	92
46) Dibromomethane	9.219	93	16546	19.957	ug/l	97
47) Bromodichloromethane	9.414	83	40381	19.853	ug/l	97
48) Methyl methacrylate	9.213	41	14376	19.245	ug/l #	87
49) 1,4-Dioxane	9.213	88	3583	356.764	ug/l #	90
51) 4-Methyl-2-Pentanone	9.994	43	84747	95.262	ug/l	94
52) Toluene	10.164	92	71828	19.073	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	32713	19.388	ug/l	97
54) cis-1,3-Dichloropropene	9.847	75	39015	19.227	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	21494	20.139	ug/l	97
56) Ethyl methacrylate	10.432	69	26145	18.715	ug/l #	84
57) 1,3-Dichloropropane	10.713	76	34330	19.732	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.701	63	61288	92.478	ug/l	96
59) 2-Hexanone	10.756	43	58584	95.853	ug/l	90
60) Dibromochloromethane	10.908	129	27791	19.118	ug/l	98
61) 1,2-Dibromoethane	11.012	107	20090	19.475	ug/l	100
64) Tetrachloroethene	10.640	164	30654	19.033	ug/l	96
65) Chlorobenzene	11.438	112	80381	18.945	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	28633	19.190	ug/l	98
67) Ethyl Benzene	11.518	91	136026	18.471	ug/l	99
68) m/p-Xylenes	11.627	106	108271	37.053	ug/l	98
69) o-Xylene	11.950	106	51308	18.961	ug/l	99
70) Styrene	11.969	104	86969	18.847	ug/l	98
71) Bromoform	12.133	173	16232	19.031	ug/l #	98
73) Isopropylbenzene	12.255	105	132814	18.885	ug/l	100
74) N-amyl acetate	12.072	43	28396	18.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	24138	19.279	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	16564m	18.305	ug/l	
77) Bromobenzene	12.530	156	32190	19.059	ug/l	97
78) n-propylbenzene	12.597	91	155418	18.487	ug/l	99
79) 2-Chlorotoluene	12.676	91	88678	18.814	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	106804	18.642	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6856	18.712	ug/l	86
82) 4-Chlorotoluene	12.774	91	91991	18.759	ug/l	98
83) tert-Butylbenzene	12.999	119	98334	18.586	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	106308	18.618	ug/l	98
85) sec-Butylbenzene	13.176	105	144182	18.700	ug/l	98
86) p-Isopropyltoluene	13.292	119	118407	18.697	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	62491	18.761	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	63494	19.177	ug/l	99
89) n-Butylbenzene	13.615	91	107664	18.647	ug/l	98
90) Hexachloroethane	13.877	117	24270	19.443	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	56123	19.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3317	18.009	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	31376	18.992	ug/l	98
94) Hexachlorobutadiene	15.023	225	17540	20.383	ug/l	99
95) Naphthalene	15.145	128	53382	18.105	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	26358	18.917	ug/l	97

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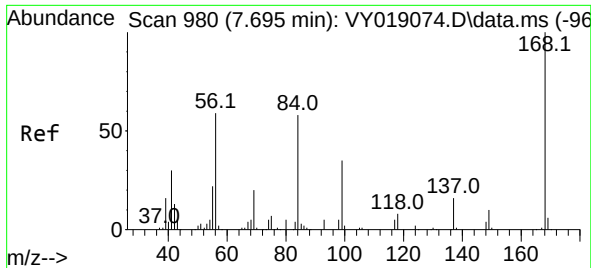
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/20/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

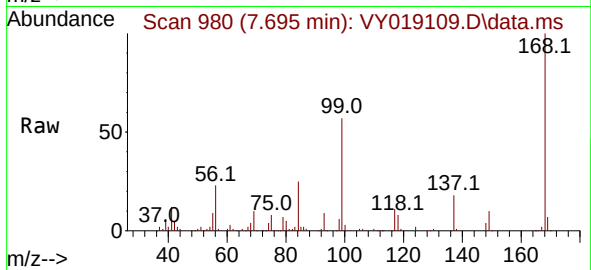
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
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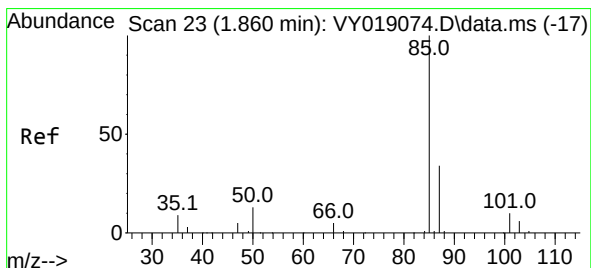
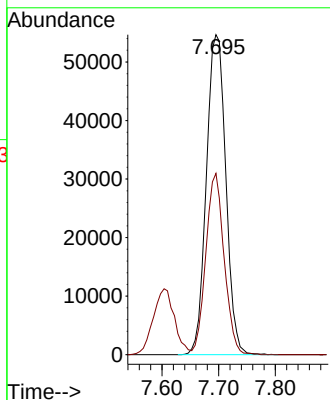
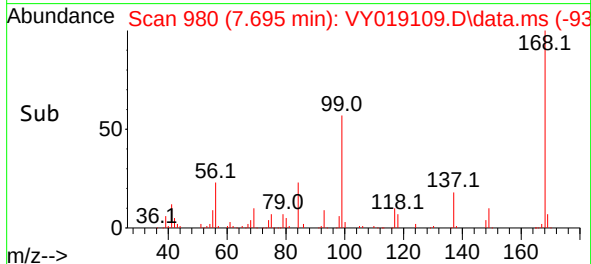
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:168 Resp: 130080
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7

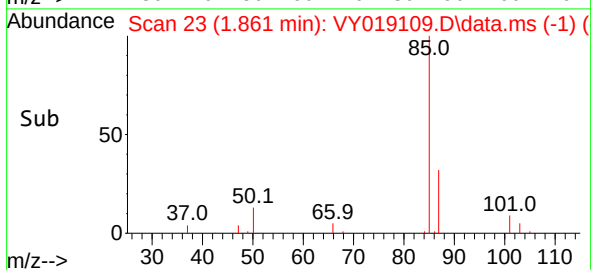
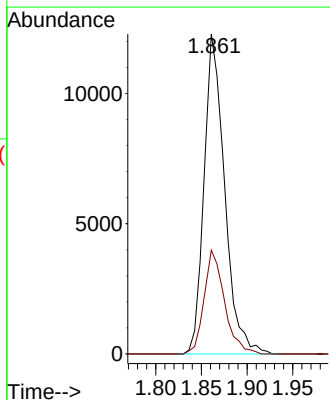
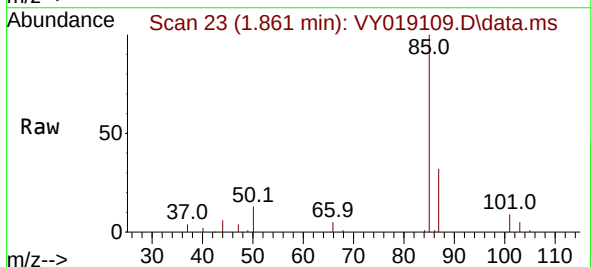
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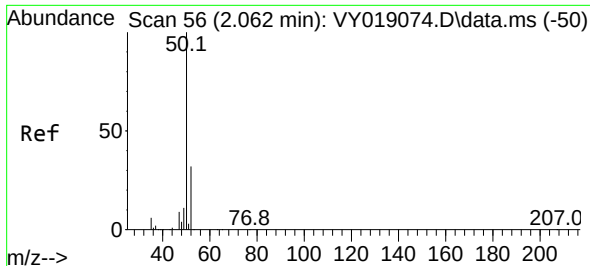
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#2
Dichlorodifluoromethane
Concen: 20.092 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 85 Resp: 19175
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0





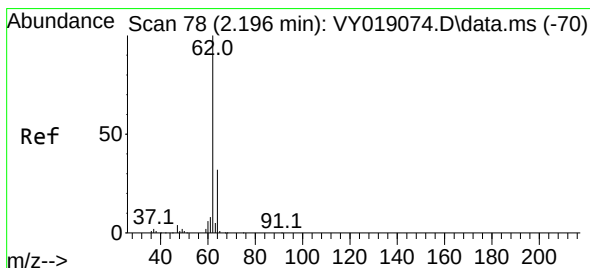
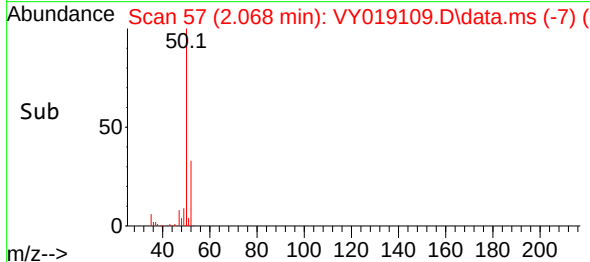
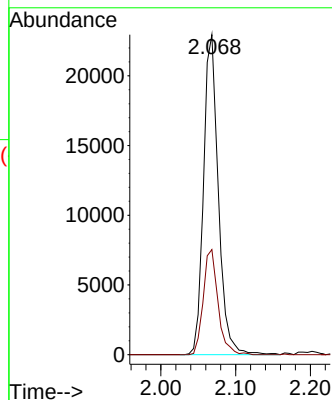
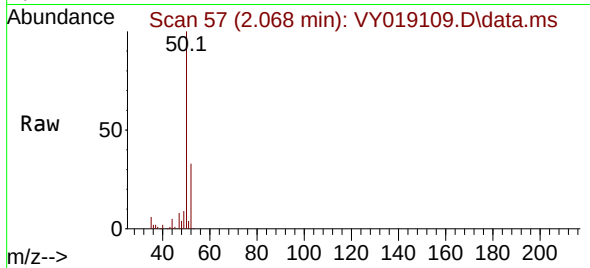
#3
Chloromethane
Concen: 18.356 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
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Tgt Ion: 50 Resp: 31570
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4

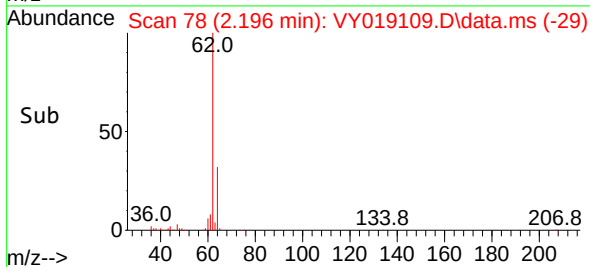
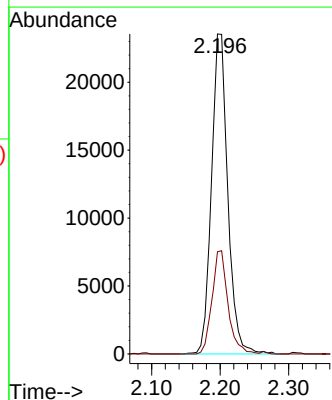
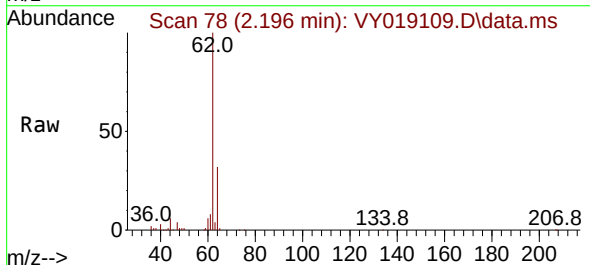
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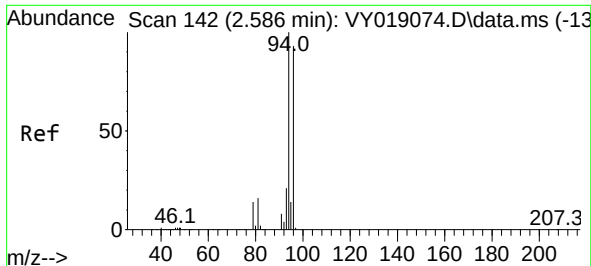
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#4
Vinyl Chloride
Concen: 18.351 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

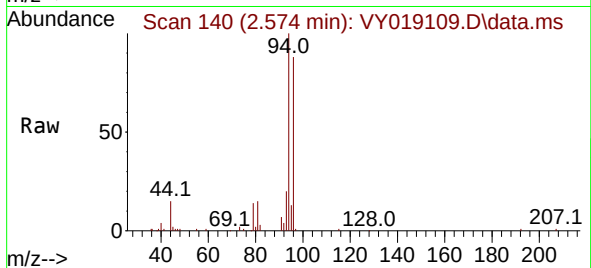
Tgt Ion: 62 Resp: 38993
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 20.389 ug/l
RT: 2.574 min Scan# 142
Delta R.T. -0.012 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

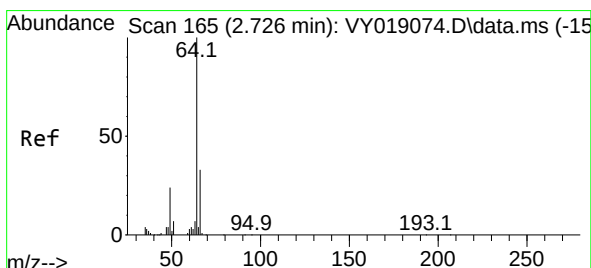
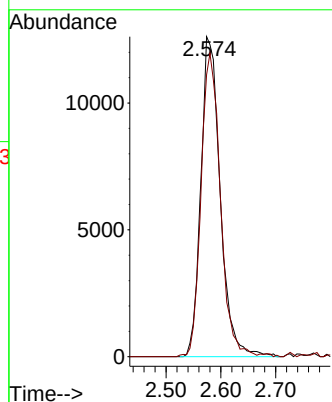
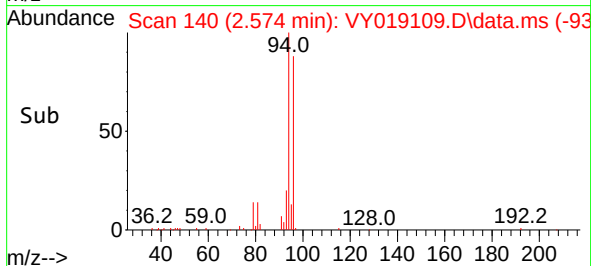
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 3099
Ion Ratio Lower Upper
94 100
96 88.2 74.1 111.1

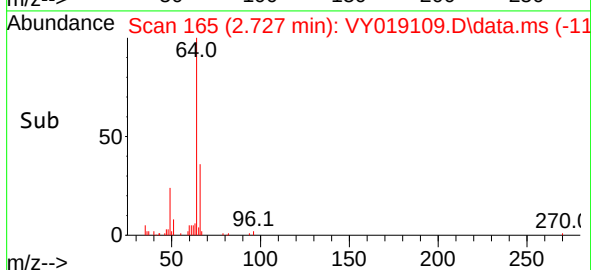
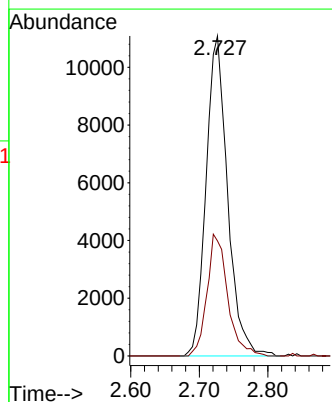
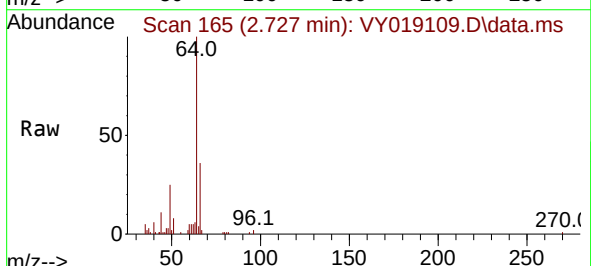
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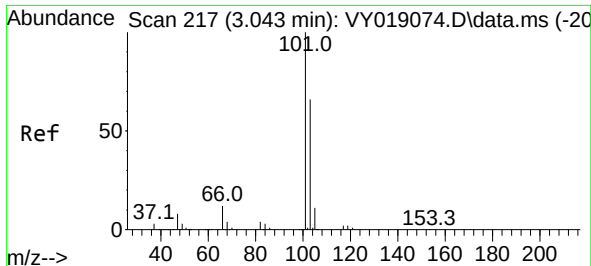
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#6
Chloroethane
Concen: 16.670 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.001 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 64 Resp: 24173
Ion Ratio Lower Upper
64 100
66 35.9 26.1 39.1





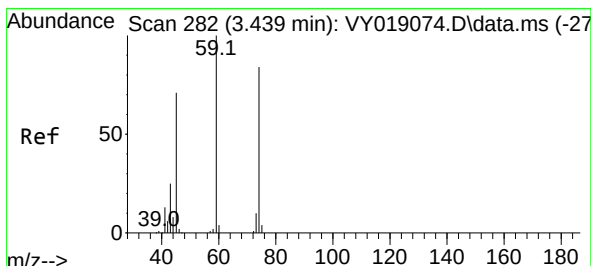
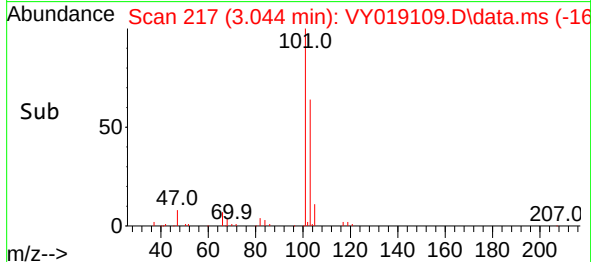
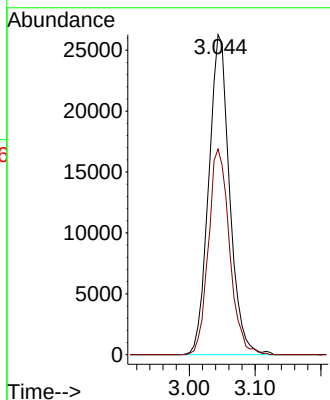
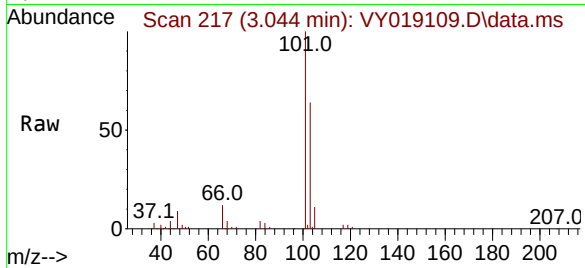
#7
Trichlorofluoromethane
Concen: 18.079 ug/l
RT: 3.044 min Scan# 217
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 5808
Ion Ratio Lower Upper
101 100
103 64.2 49.3 73.9

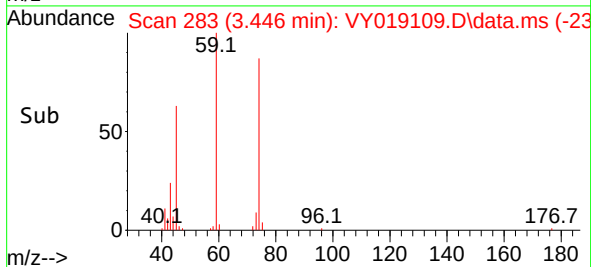
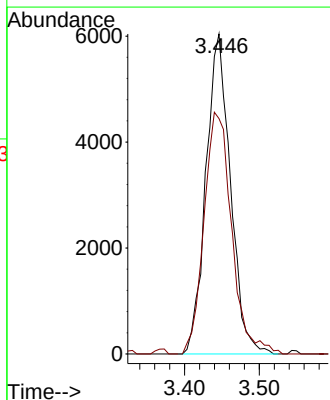
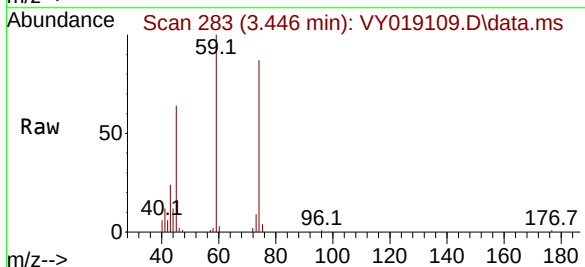
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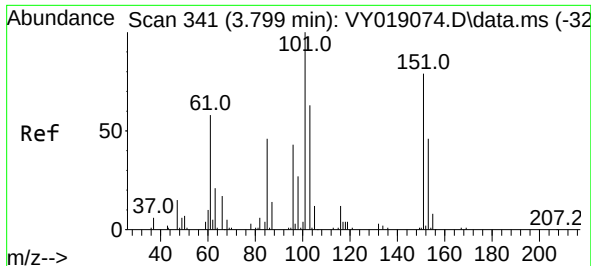
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#8
Diethyl Ether
Concen: 19.818 ug/l
RT: 3.446 min Scan# 283
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 13742
Ion Ratio Lower Upper
74 100
45 85.4 41.3 124.1





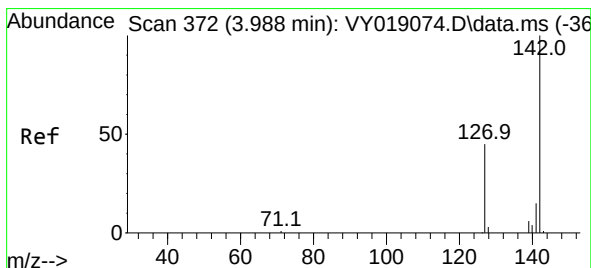
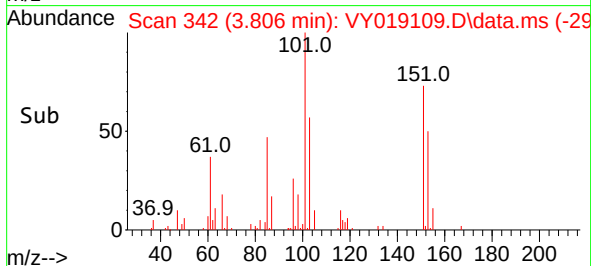
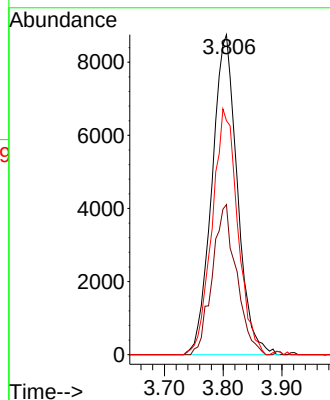
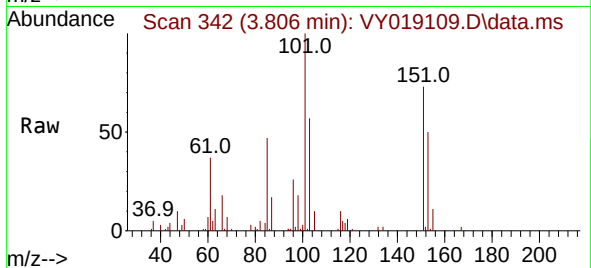
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.411 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019109.D
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MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:101 Resp: 26294
Ion Ratio Lower Upper
101 100
85 44.8 34.5 51.7
151 77.4 61.7 92.5

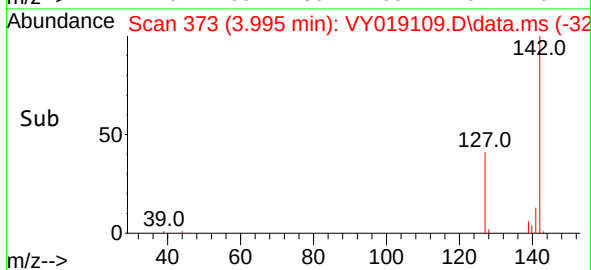
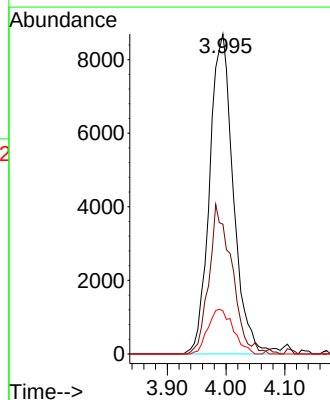
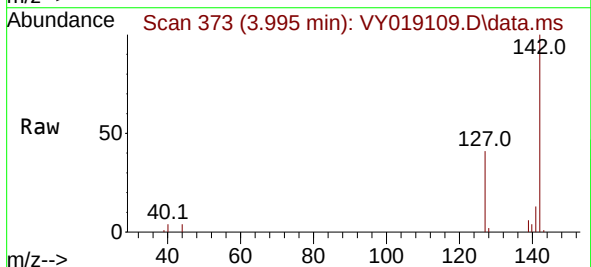
Manual Integrations
APPROVED

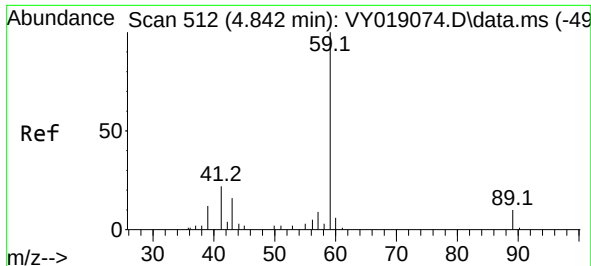
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#10
Methyl Iodide
Concen: 17.454 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

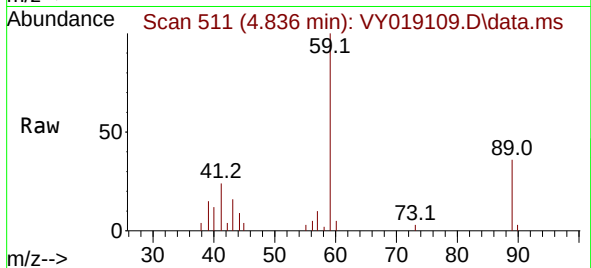
Tgt Ion:142 Resp: 24434
Ion Ratio Lower Upper
142 100
127 45.5 32.8 49.2
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 90.977 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

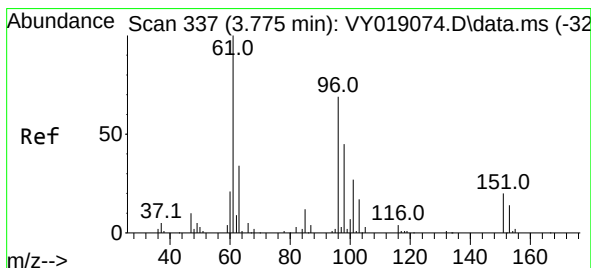
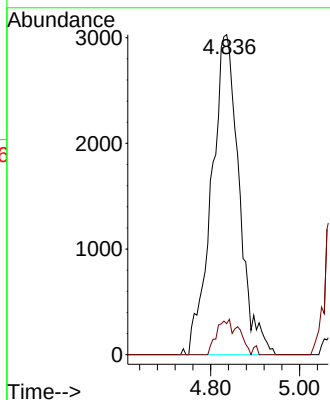
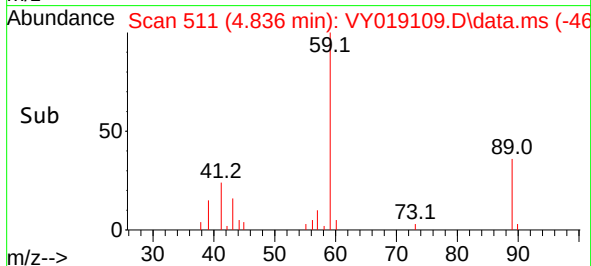
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



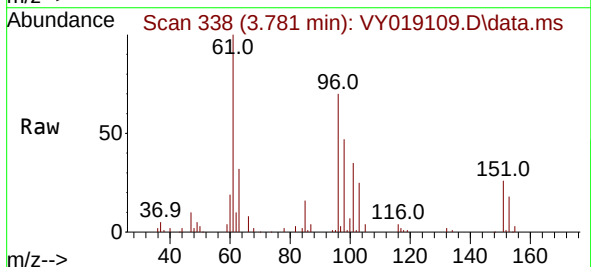
Tgt Ion: 59 Resp: 13038
Ion Ratio Lower Upper
59 100
57 6.6 3.0 4.6

Manual Integrations
APPROVED

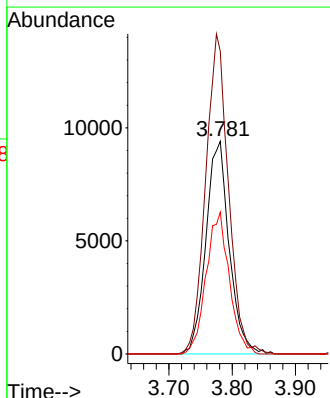
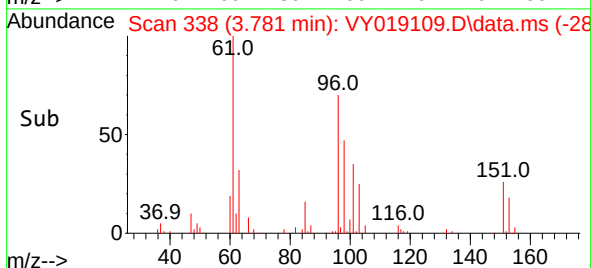
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024

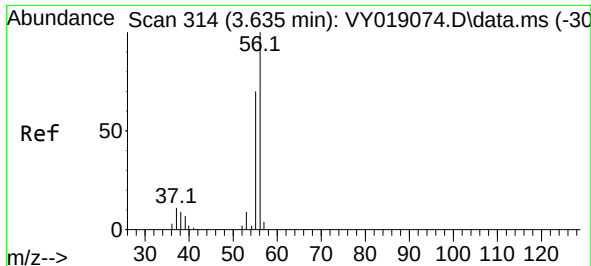


#12
1,1-Dichloroethene
Concen: 18.596 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55



Tgt Ion: 96 Resp: 24129
Ion Ratio Lower Upper
96 100
61 142.4 114.6 171.8
98 66.6 50.8 76.2





#13

Acrolein

Concen: 97.404 ug/l

RT: 3.629 min Scan# 314

Delta R.T. -0.006 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 56 Resp: 1071

Ion Ratio Lower Upper

56 100

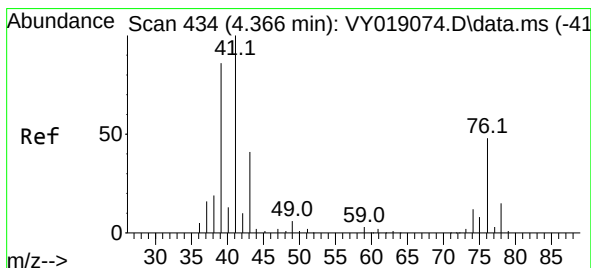
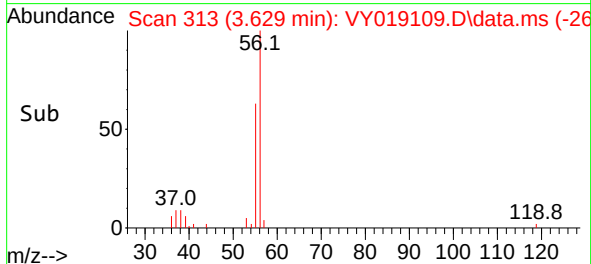
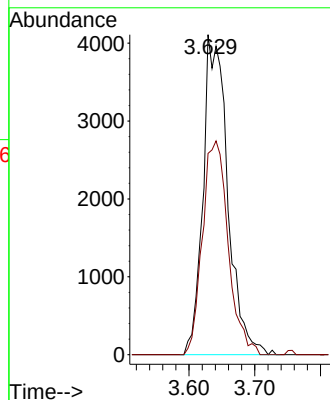
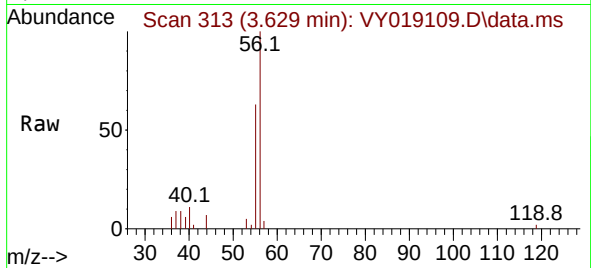
55 69.7 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#14

Allyl chloride

Concen: 19.451 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

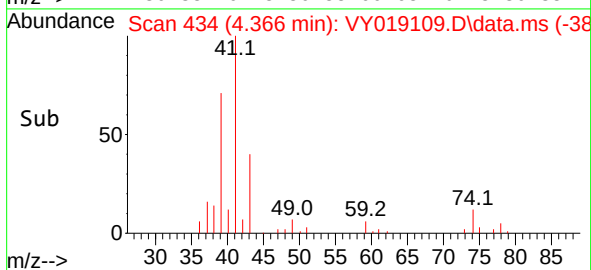
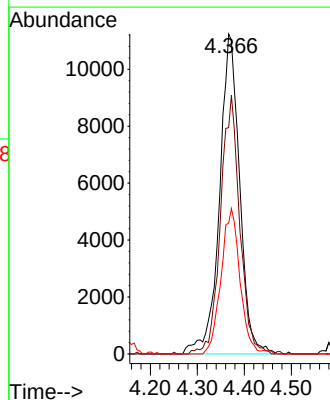
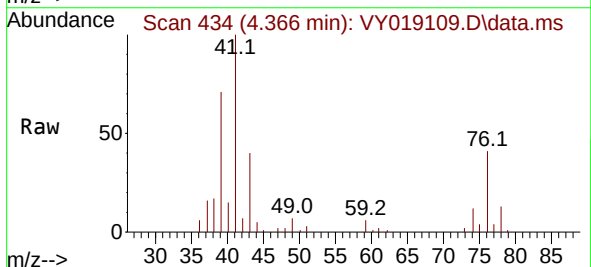
Tgt Ion: 41 Resp: 33556

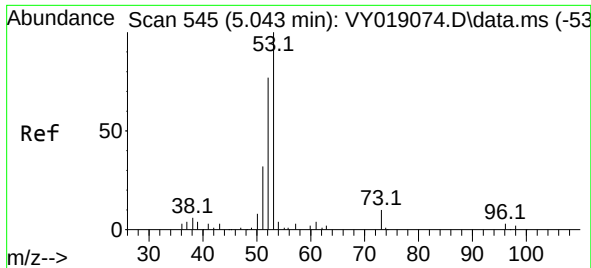
Ion Ratio Lower Upper

41 100

39 76.7 58.3 87.5

76 42.8 39.0 58.6





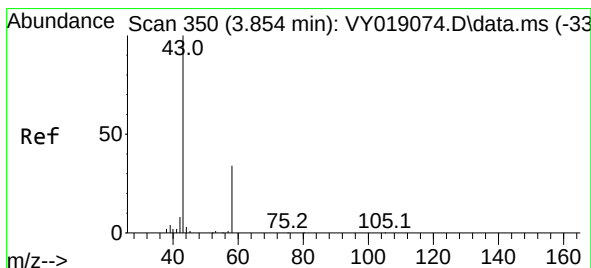
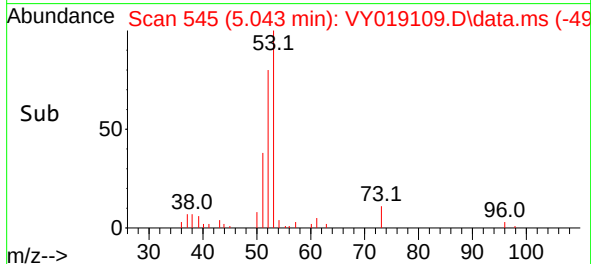
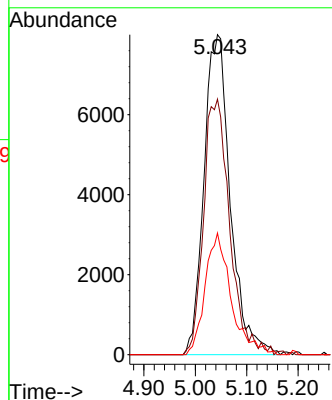
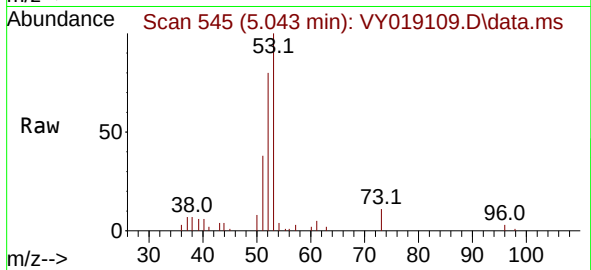
#15
Acrylonitrile
Concen: 100.377 ug/l
RT: 5.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 53 Resp: 28480
Ion Ratio Lower Upper
53 100
52 79.3 64.7 97.1
51 37.5 28.4 42.6

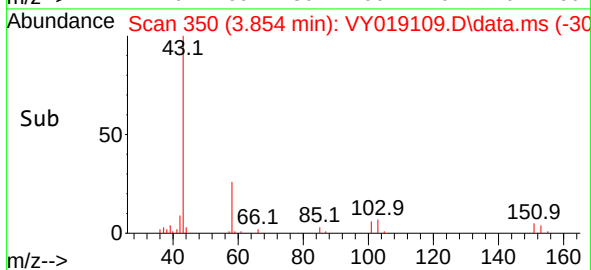
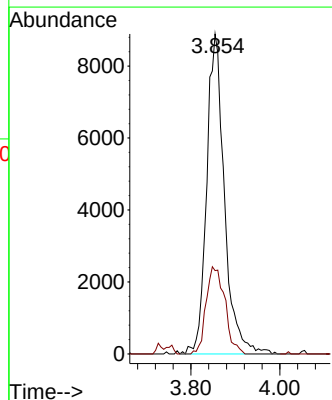
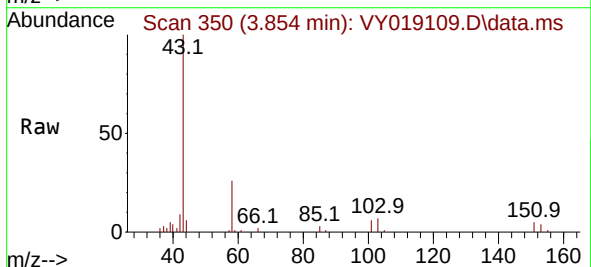
Manual Integrations
APPROVED

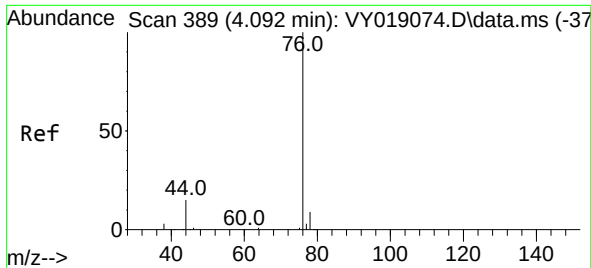
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#16
Acetone
Concen: 102.303 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 43 Resp: 24739
Ion Ratio Lower Upper
43 100
58 26.0 31.7 47.5#





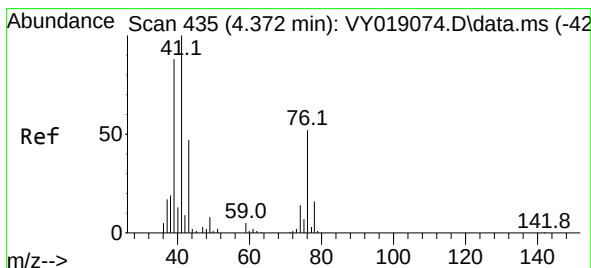
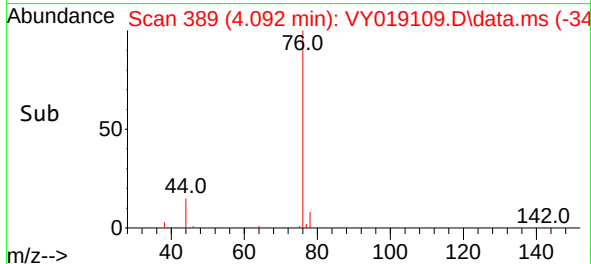
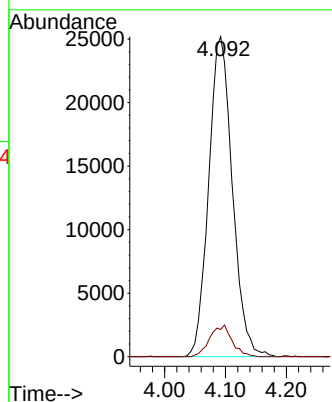
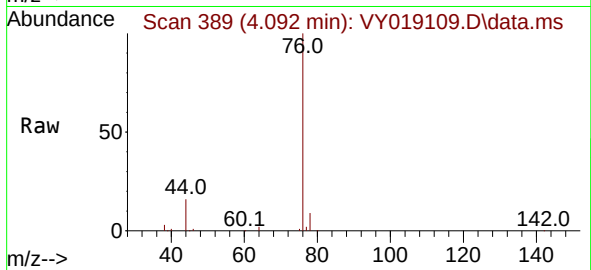
#17
Carbon Disulfide
Concen: 18.607 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 76 Resp: 68090
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

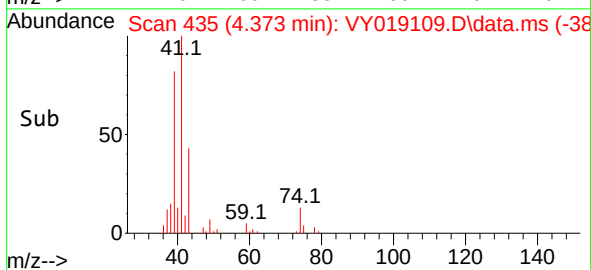
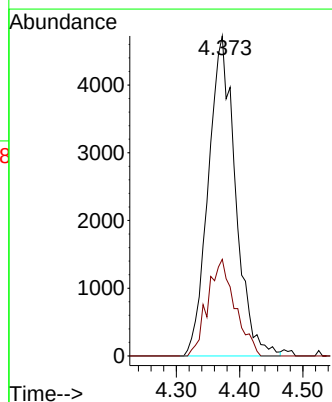
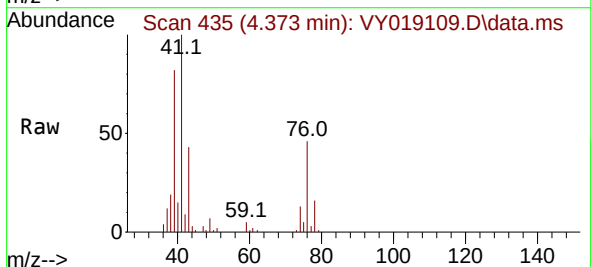
Manual Integrations
APPROVED

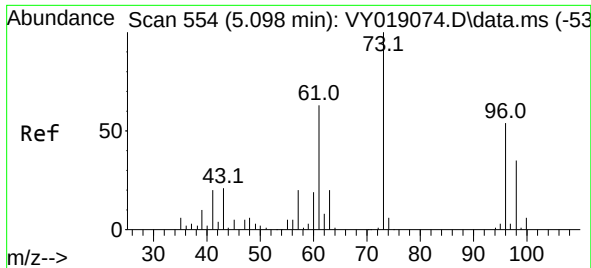
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#18
Methyl Acetate
Concen: 18.940 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 43 Resp: 14057
Ion Ratio Lower Upper
43 100
74 30.5 23.3 34.9





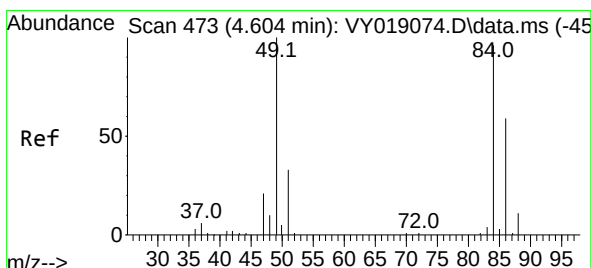
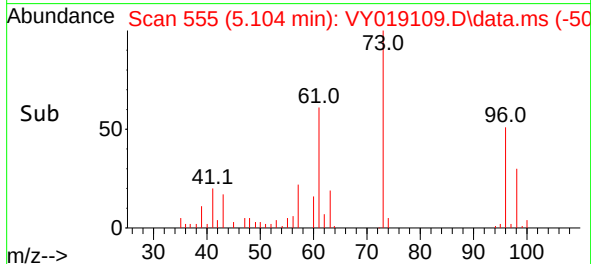
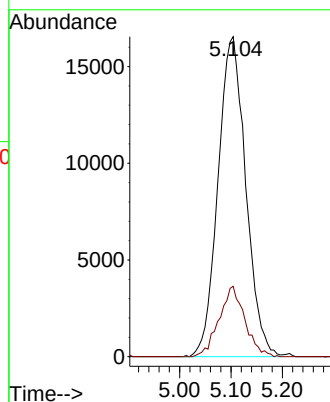
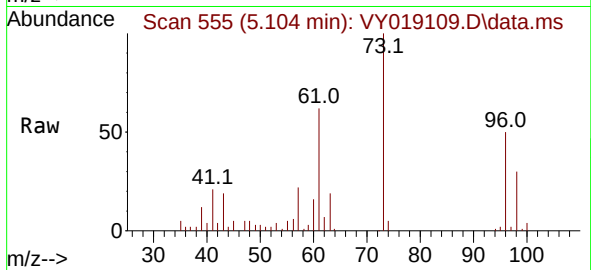
#19
Methyl tert-butyl Ether
Concen: 19.740 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 73 Resp: 62099
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

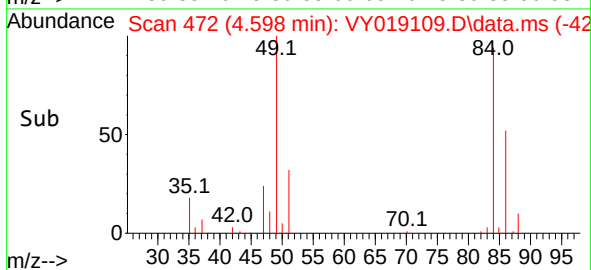
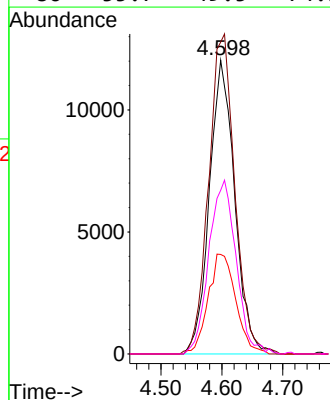
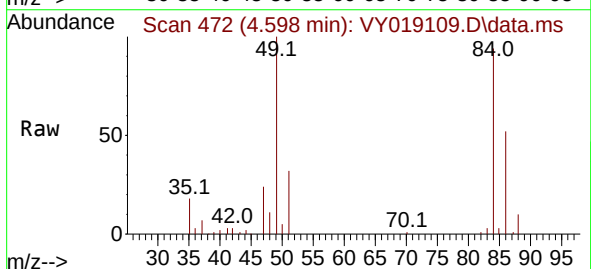
Manual Integrations
APPROVED

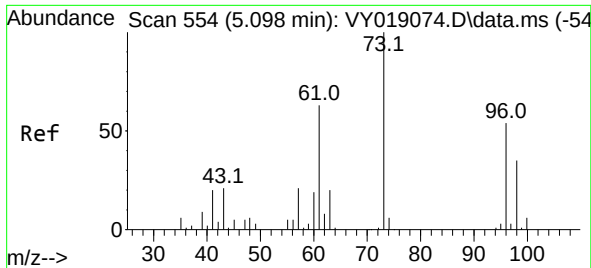
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#20
Methylene Chloride
Concen: 16.253 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

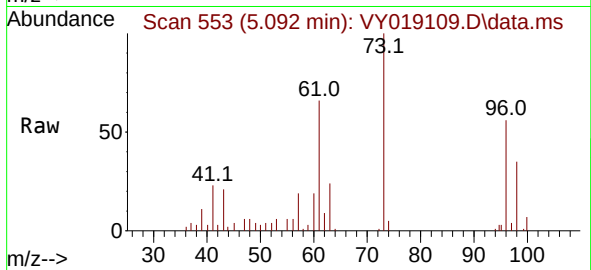
Tgt Ion: 84 Resp: 34775
Ion Ratio Lower Upper
84 100
49 106.2 84.4 126.6
51 33.9 26.0 39.0
86 55.7 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 19.194 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

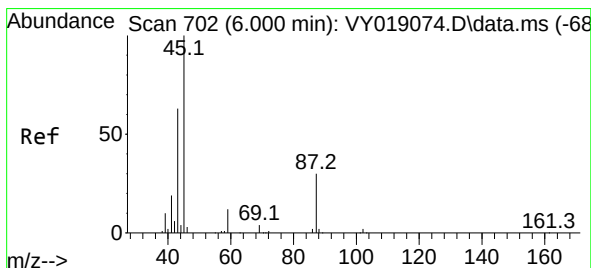
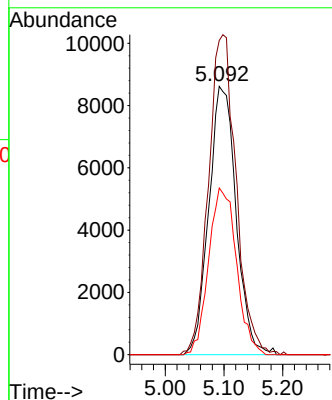
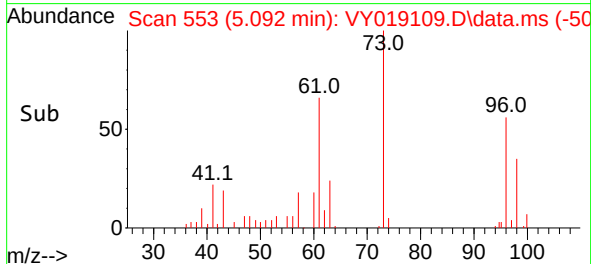
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 96 Resp: 2782
Ion Ratio Lower Upper
96 100
61 117.1 97.5 146.3
98 62.1 50.5 75.7

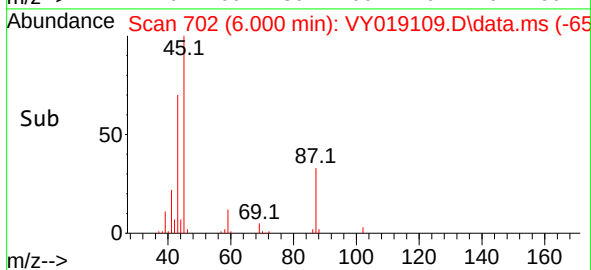
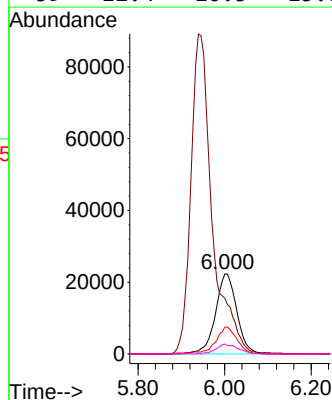
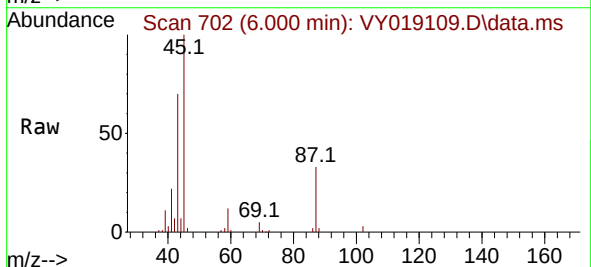
Manual Integrations
APPROVED

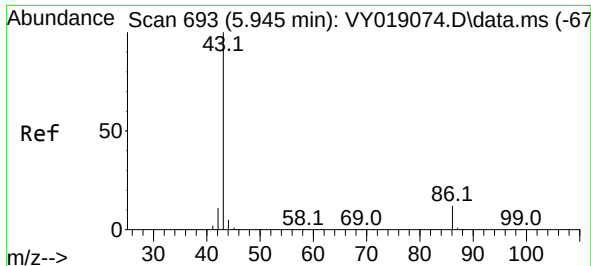
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#22
Diisopropyl ether
Concen: 19.306 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

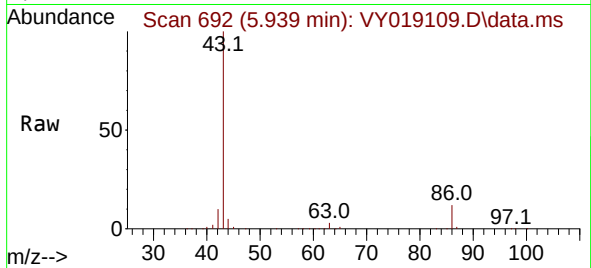
Tgt Ion: 45 Resp: 76244
Ion Ratio Lower Upper
45 100
43 68.5 42.2 63.2#
87 33.4 25.0 37.6
59 12.4 10.5 15.7





#23
 Vinyl Acetate
 Concen: 97.077 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VY019109.D
 Acq: 19 Aug 2024 11:55

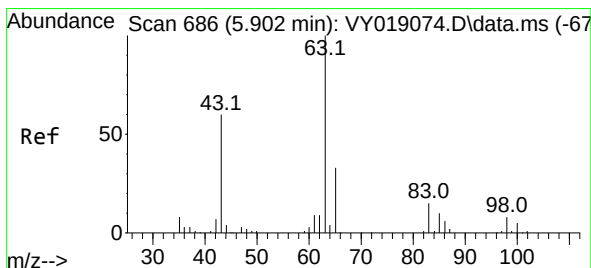
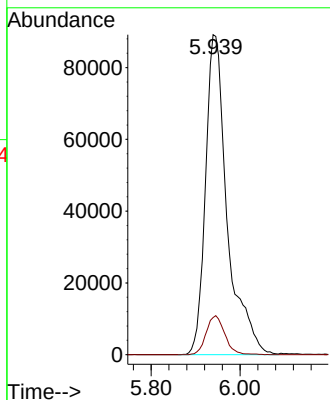
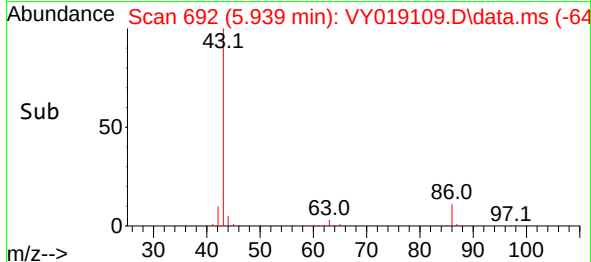
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01



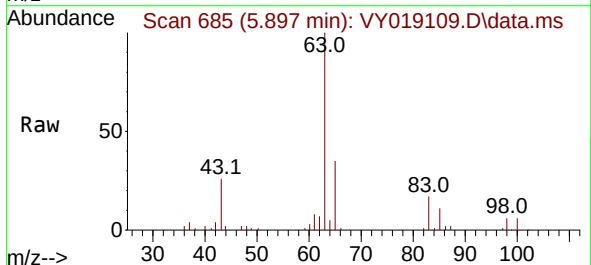
Tgt Ion: 43 Resp: 30353
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0

Manual Integrations
 APPROVED

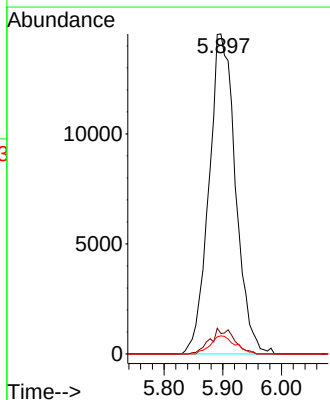
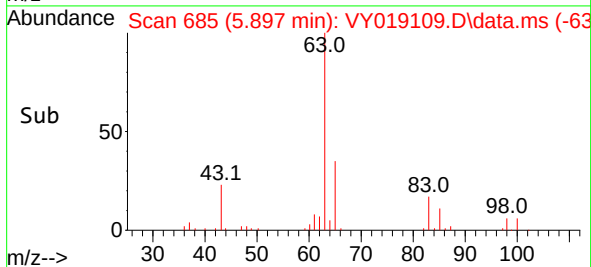
Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024

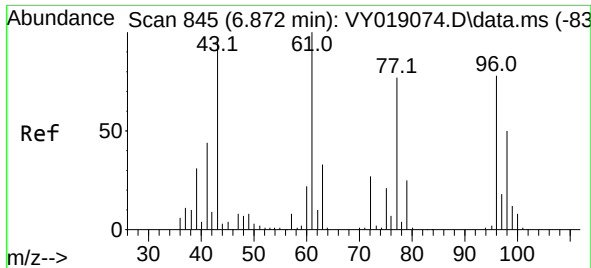


#24
 1,1-Dichloroethane
 Concen: 18.960 ug/l
 RT: 5.897 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019109.D
 Acq: 19 Aug 2024 11:55



Tgt Ion: 63 Resp: 45793
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 5.7 2.6 8.0





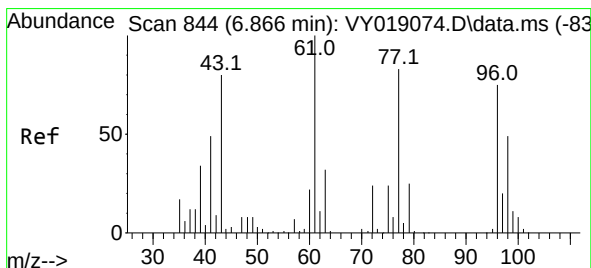
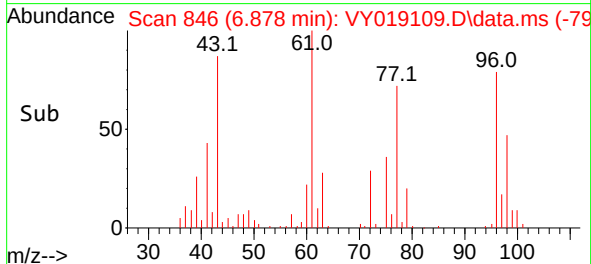
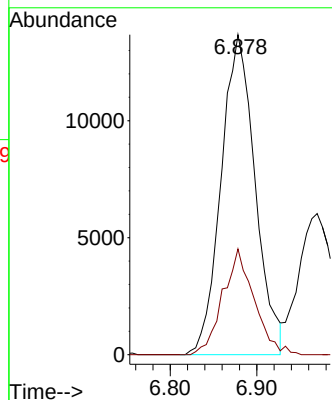
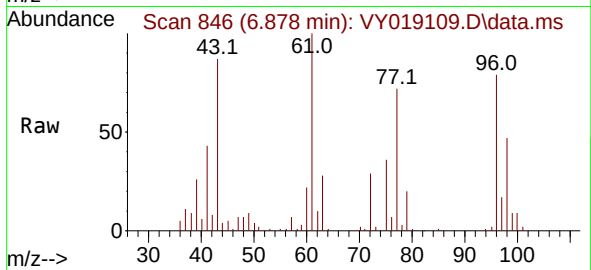
#25
2-Butanone
Concen: 95.923 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 43 Resp: 3735
Ion Ratio Lower Upper
43 100
72 33.1 27.3 40.9

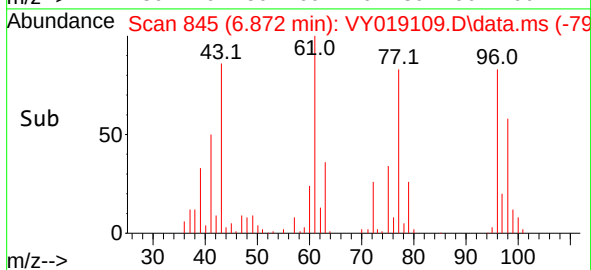
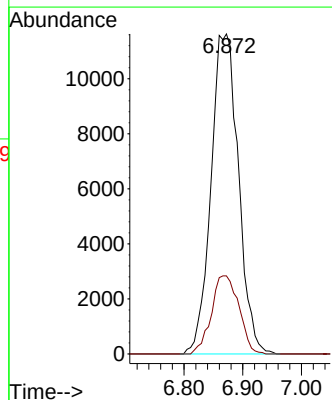
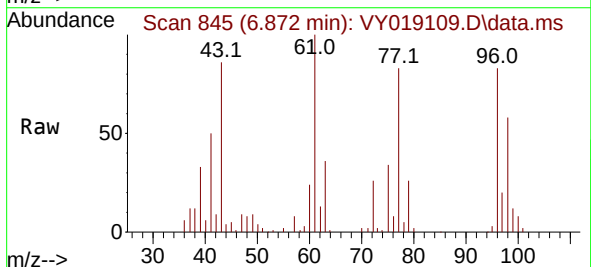
Manual Integrations
APPROVED

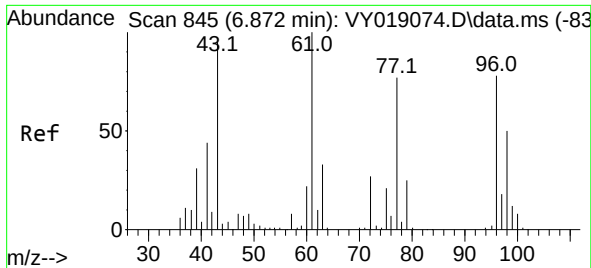
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#26
2,2-Dichloropropane
Concen: 19.303 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

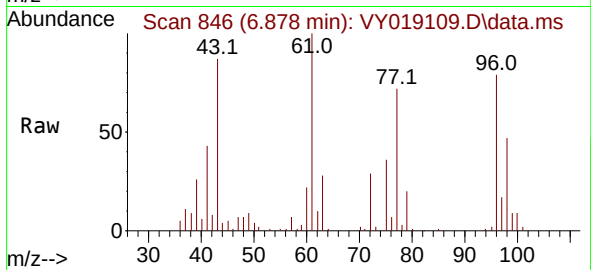
Tgt Ion: 77 Resp: 37753
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 19.168 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

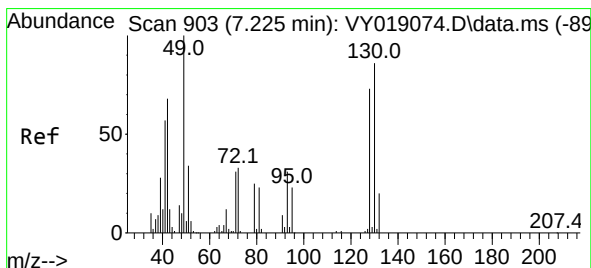
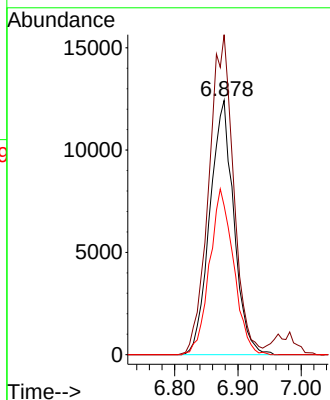
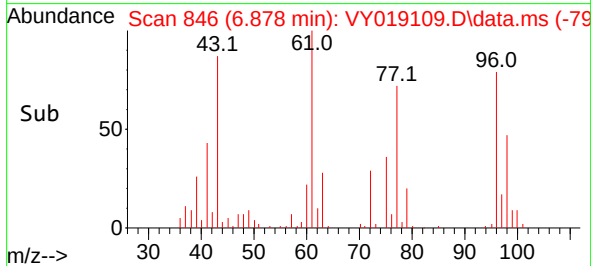
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



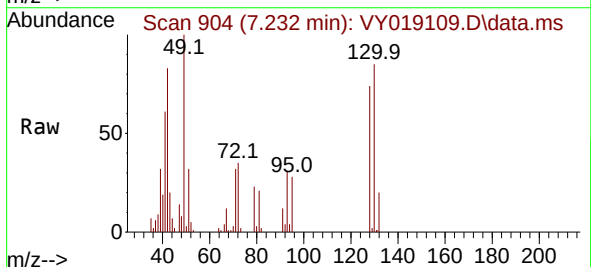
Tgt Ion: 96 Resp: 3270
Ion Ratio Lower Upper
96 100
61 130.3 0.0 256.2
98 65.3 0.0 130.0

Manual Integrations
APPROVED

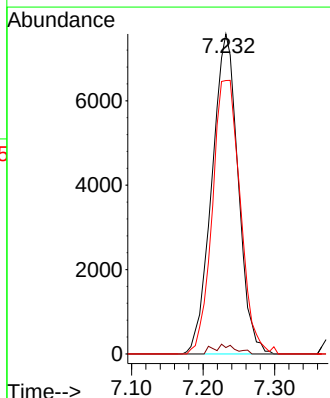
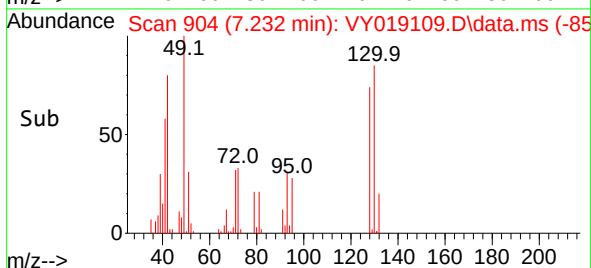
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024

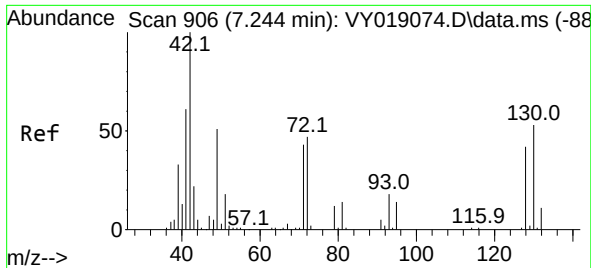


#28
Bromochloromethane
Concen: 19.094 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55



Tgt Ion: 49 Resp: 19345
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 90.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 95.707 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

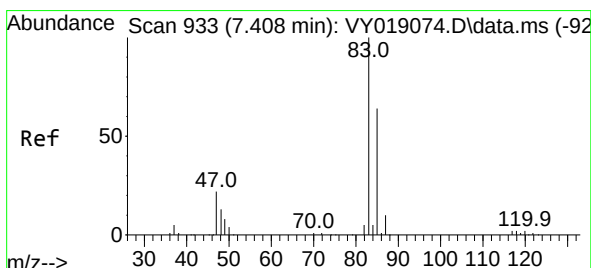
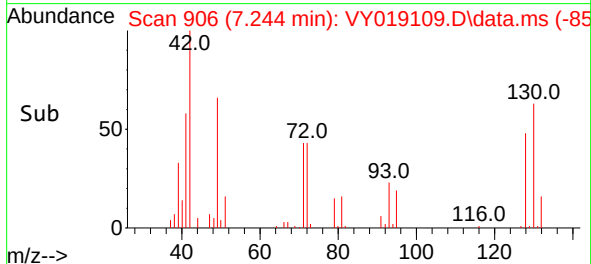
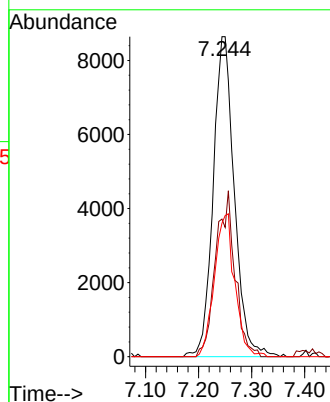
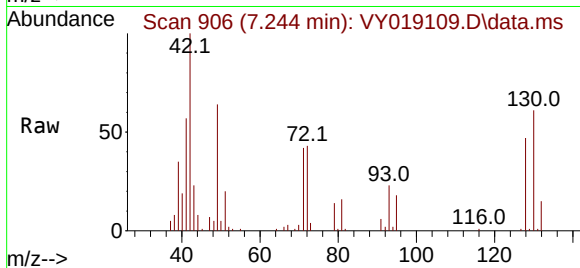
VY0819SBS01

Tgt Ion:	42	Resp:	23960
Ion Ratio	Lower	Upper	
42	100		
72	47.4	43.0	64.4
71	43.1	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#30

Chloroform

Concen: 19.411 ug/l

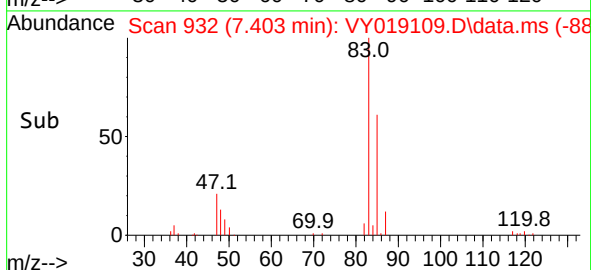
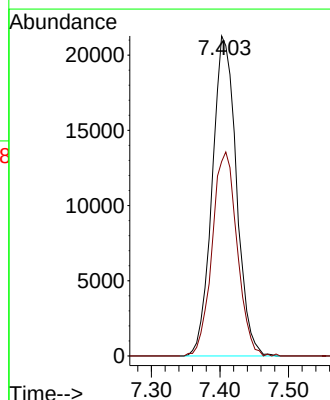
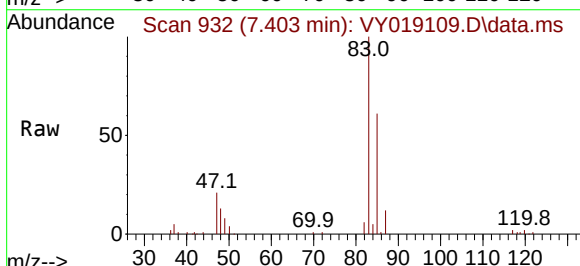
RT: 7.403 min Scan# 932

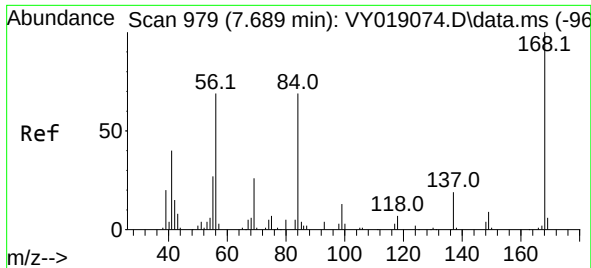
Delta R.T. -0.006 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

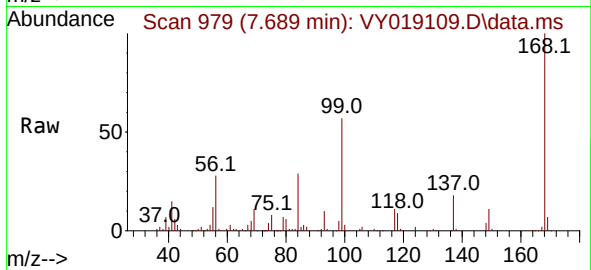
Tgt Ion:	83	Resp:	52239
Ion Ratio	Lower	Upper	
83	100		
85	60.7	52.2	78.4





#31
Cyclohexane
Concen: 16.893 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

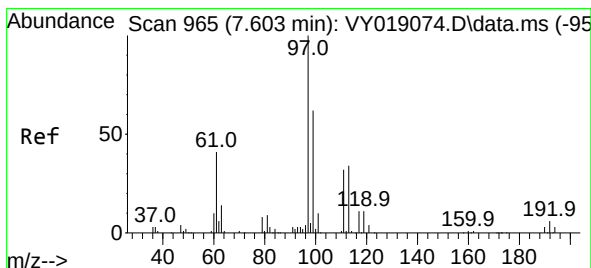
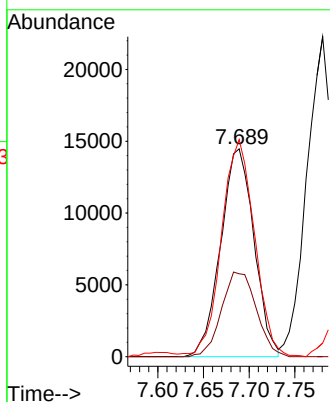
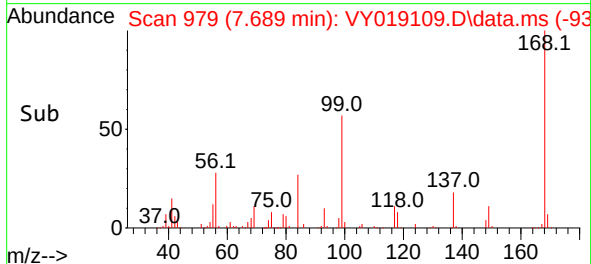
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



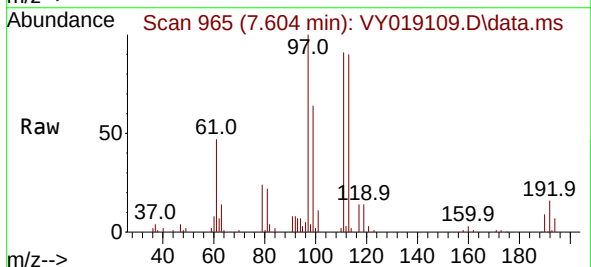
Tgt Ion: 56 Resp: 36794
Ion Ratio Lower Upper
56 100
69 39.9 28.7 43.1
84 103.2 77.7 116.5

Manual Integrations
APPROVED

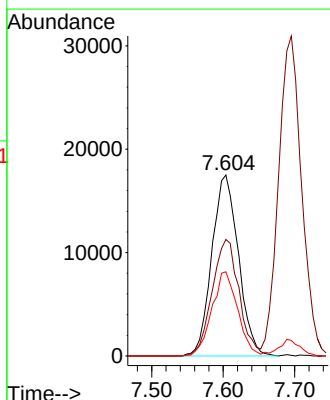
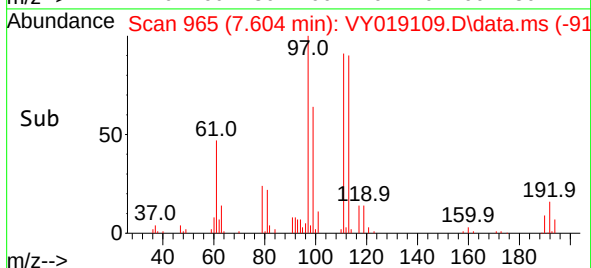
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024

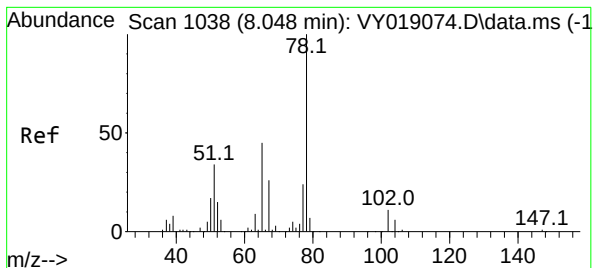


#32
1,1,1-Trichloroethane
Concen: 19.099 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55



Tgt Ion: 97 Resp: 45170
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 44.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.887 ug/l

RT: 8.049 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 65 Resp: 63740

Ion Ratio Lower Upper

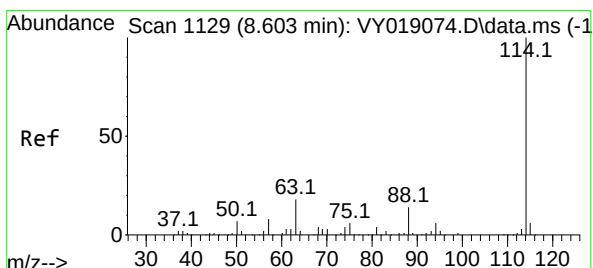
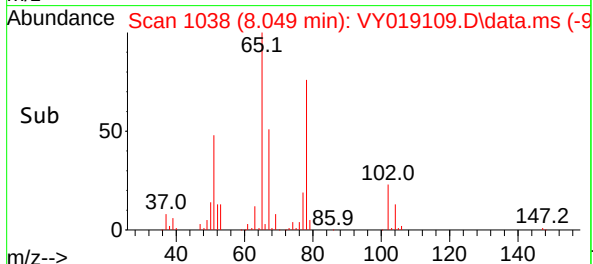
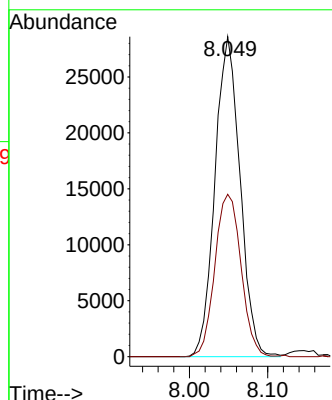
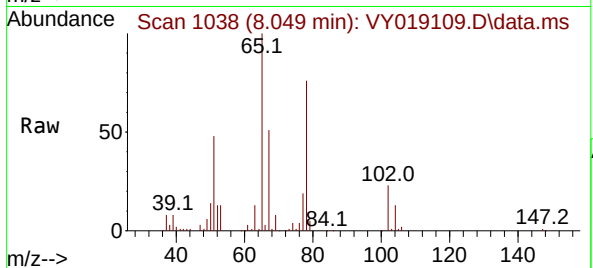
65 100

67 52.8 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

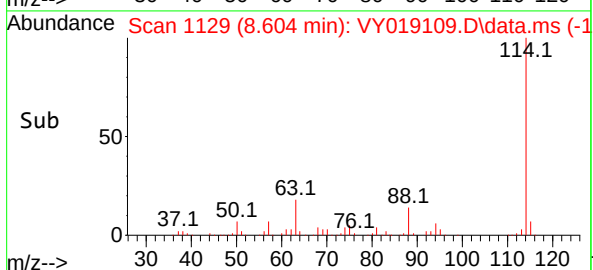
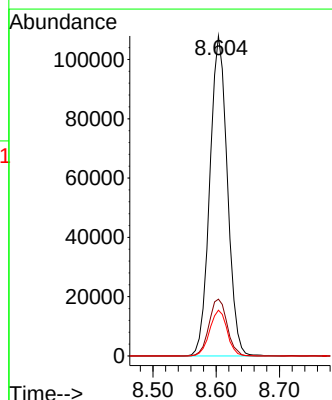
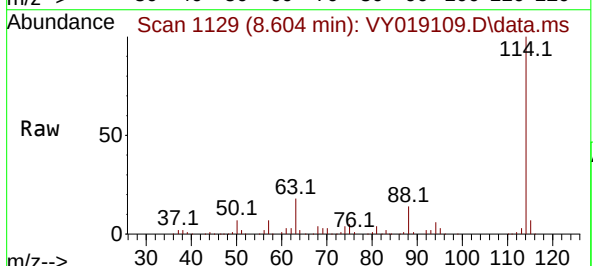
Tgt Ion:114 Resp: 208343

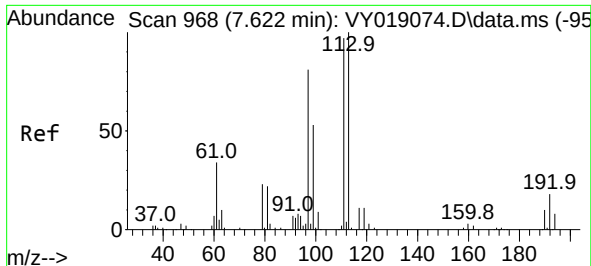
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

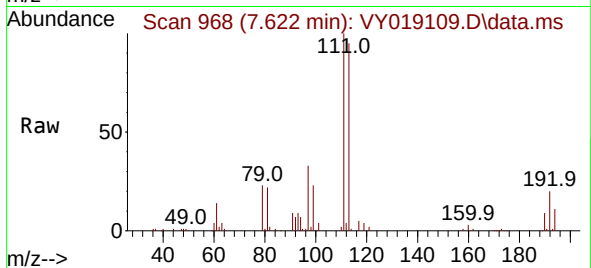
88 14.3 0.0 27.2





#35
Dibromofluoromethane
Concen: 49.595 ug/l
RT: 7.622 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

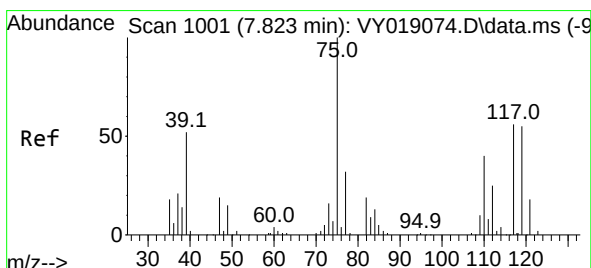
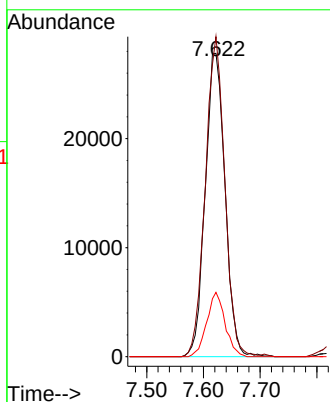
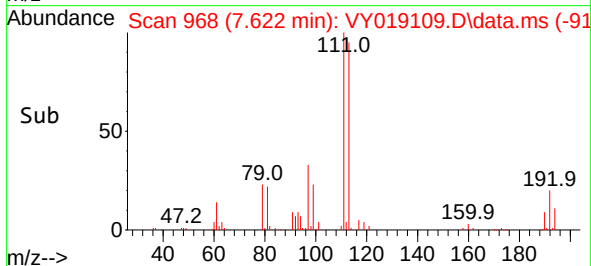
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



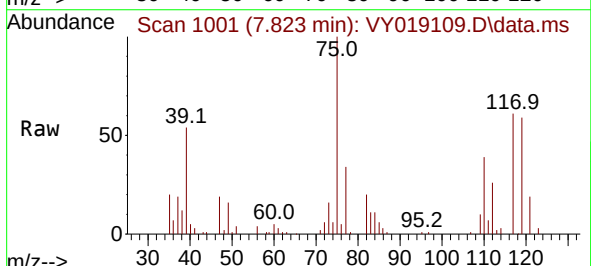
Tgt Ion: 113 Resp: 67562
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.6 15.9 23.9

Manual Integrations
APPROVED

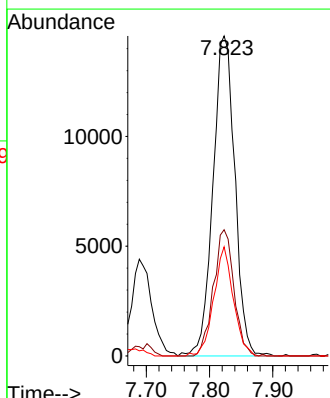
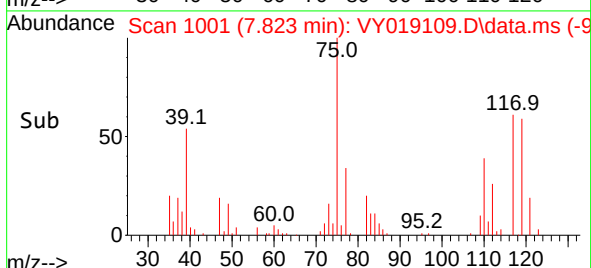
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024

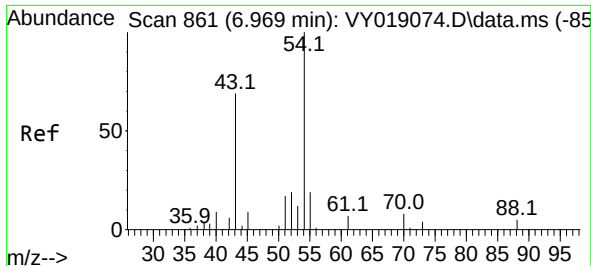


#36
1,1-Dichloropropene
Concen: 18.688 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55



Tgt Ion: 75 Resp: 34959
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 21.766 ug/l

RT: 6.970 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

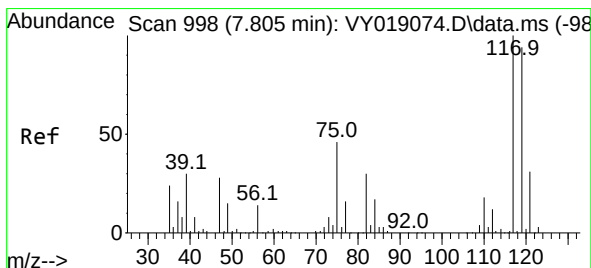
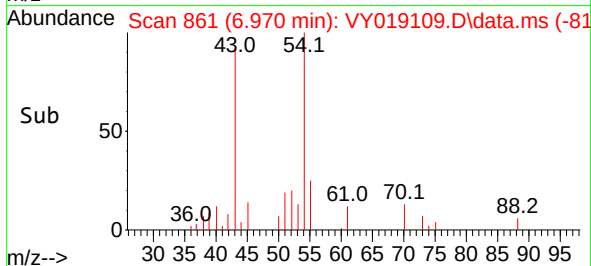
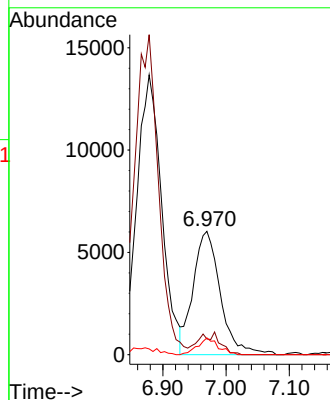
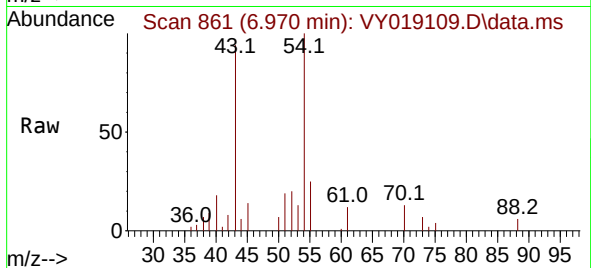
Tgt Ion: 43 Resp: 18039

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0
70	10.3	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#38

Carbon Tetrachloride

Concen: 18.409 ug/l

RT: 7.805 min Scan# 998

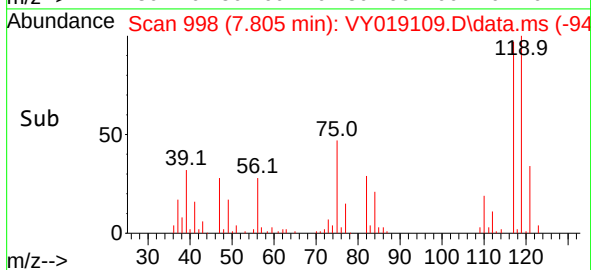
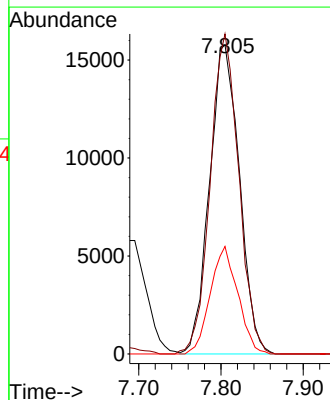
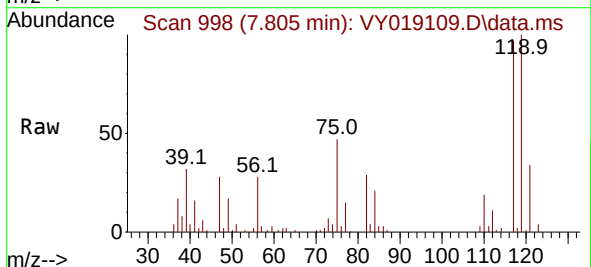
Delta R.T. 0.000 min

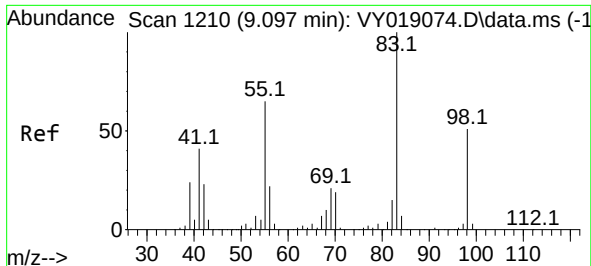
Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:117 Resp: 39909

Ion	Ratio	Lower	Upper
117	100		
119	103.5	75.8	113.6
121	34.8	24.0	36.0





#39

Methylcyclohexane

Concen: 17.518 ug/l

RT: 9.097 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

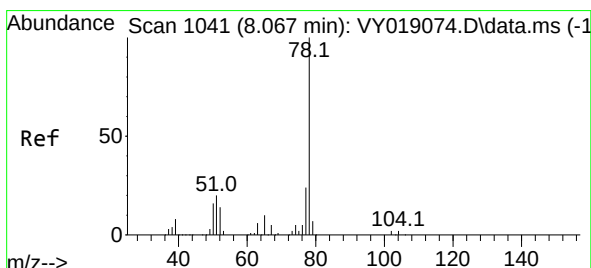
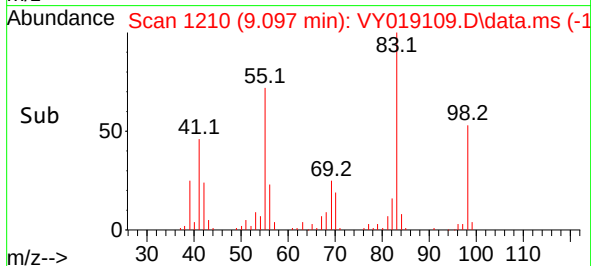
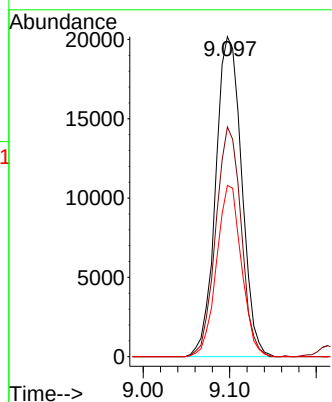
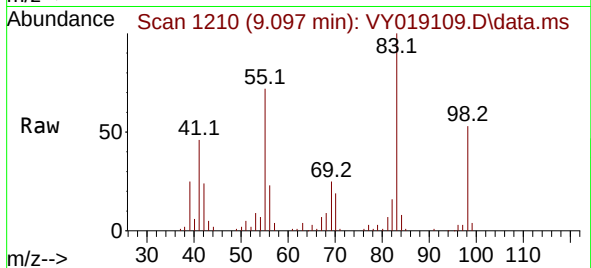
Tgt Ion: 83 Resp: 42054

Ion	Ratio	Lower	Upper
83	100		
55	71.8	51.5	77.3
98	53.5	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#40

Benzene

Concen: 18.894 ug/l

RT: 8.067 min Scan# 1041

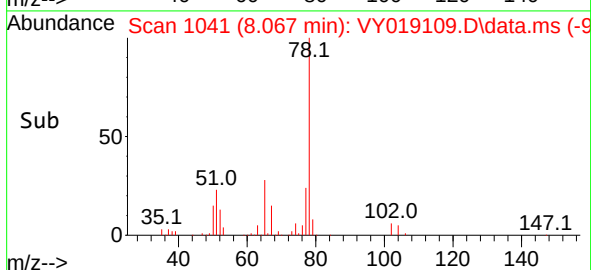
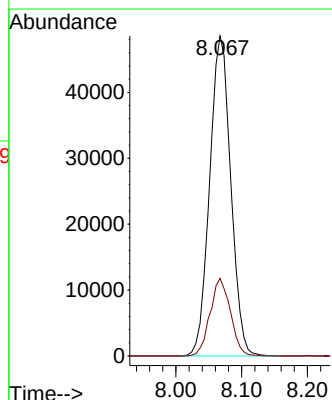
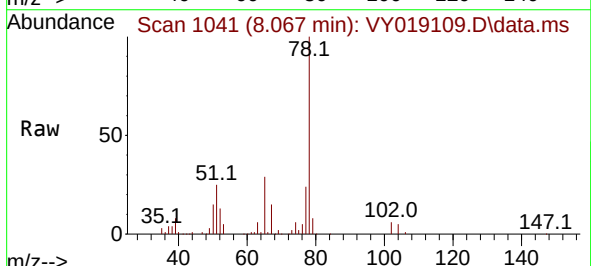
Delta R.T. 0.000 min

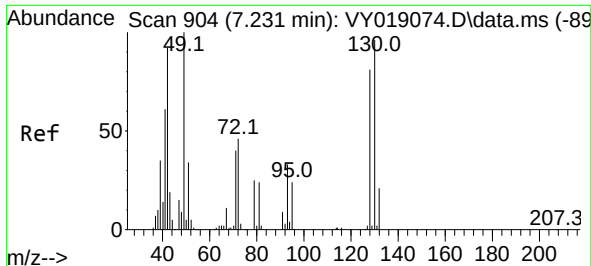
Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion: 78 Resp: 108398

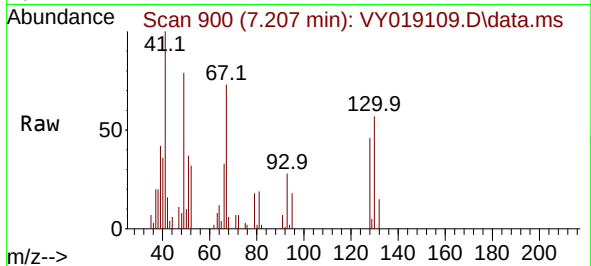
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.5	29.3





#41
Methacrylonitrile
Concen: 23.526 ug/l m
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

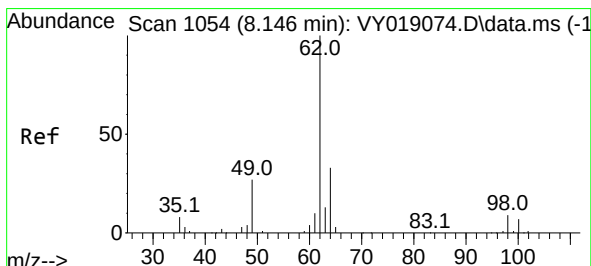
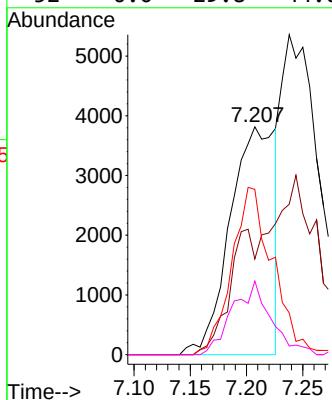
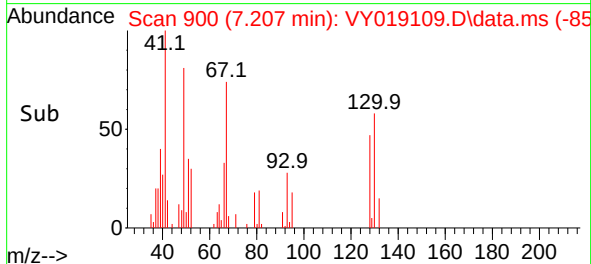
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 41 Resp: 1064
Ion Ratio Lower Upper
41 100
39 80.0 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

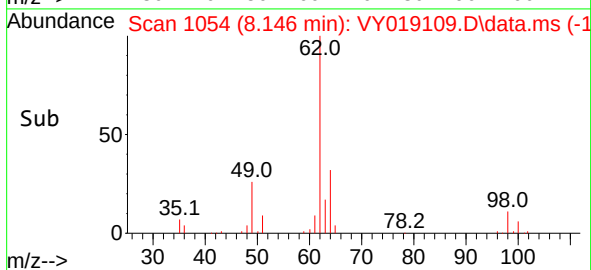
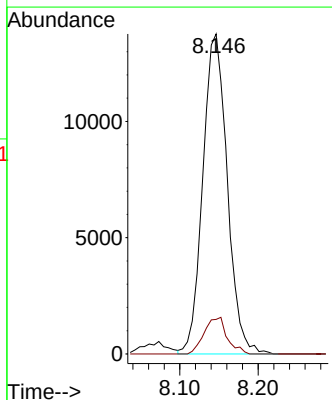
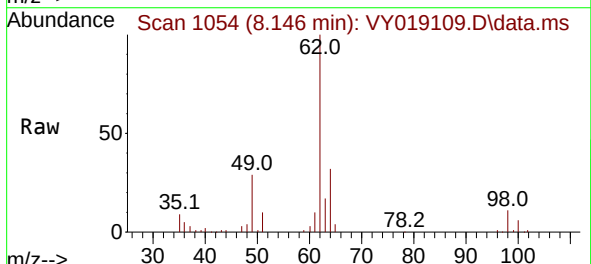
Manual Integrations
APPROVED

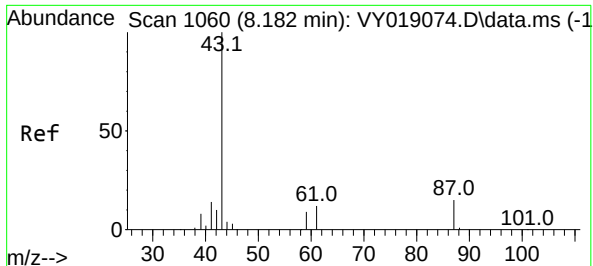
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#42
1,2-Dichloroethane
Concen: 19.279 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

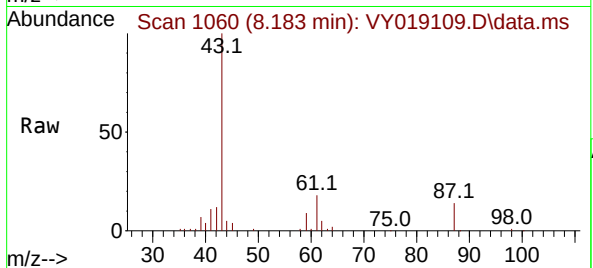
Tgt Ion: 62 Resp: 29868
Ion Ratio Lower Upper
62 100
98 10.7 0.0 22.0





#43
Isopropyl Acetate
Concen: 19.194 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

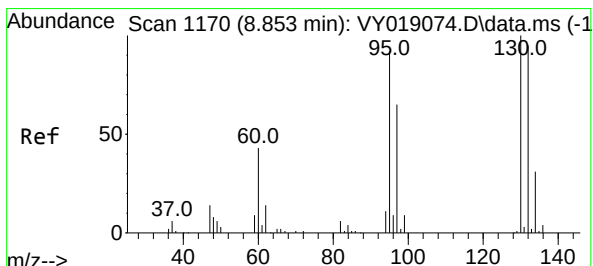
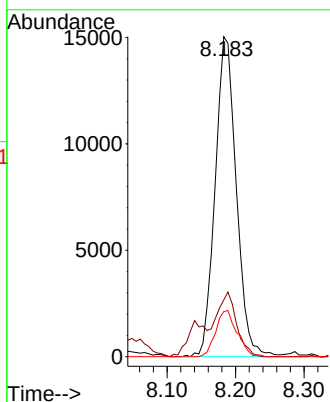
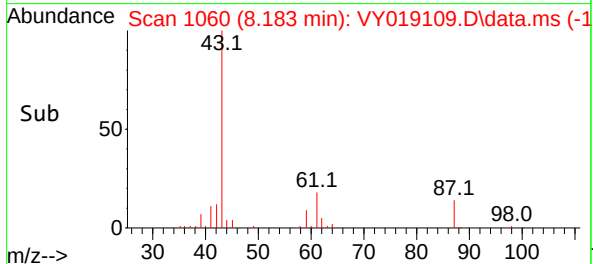
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 43 Resp: 32172
Ion Ratio Lower Upper
43 100
61 19.5 27.9 41.9
87 14.6 13.1 19.7

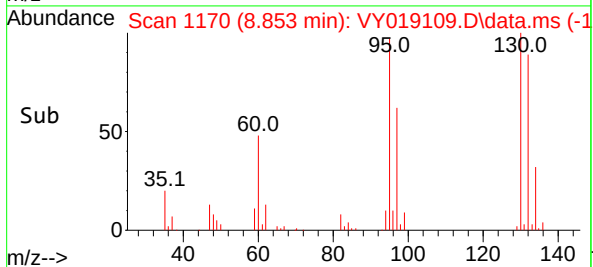
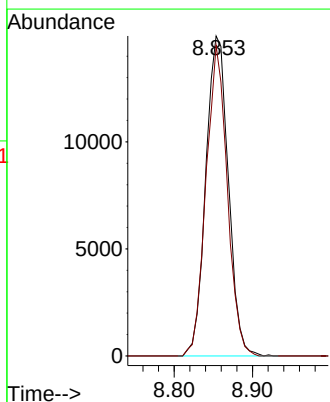
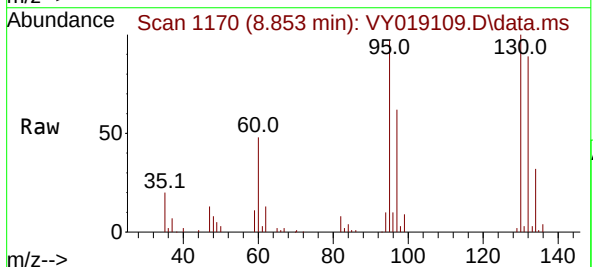
Manual Integrations
APPROVED

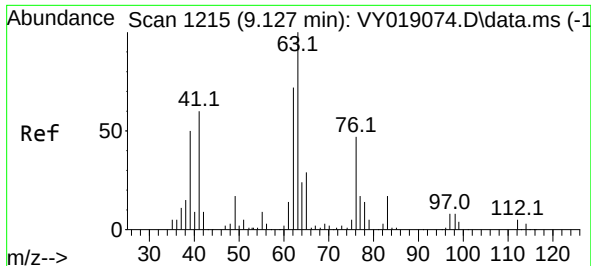
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#44
Trichloroethene
Concen: 18.643 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion:130 Resp: 29845
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.437 ug/l

RT: 9.128 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 63 Resp: 2484

Ion Ratio Lower Upper

63 100

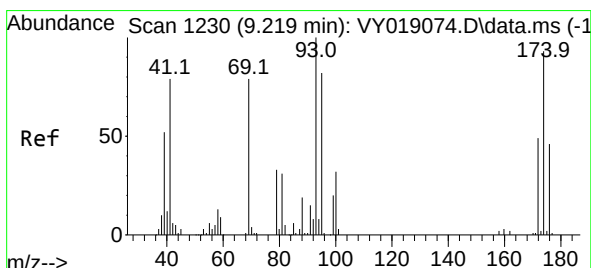
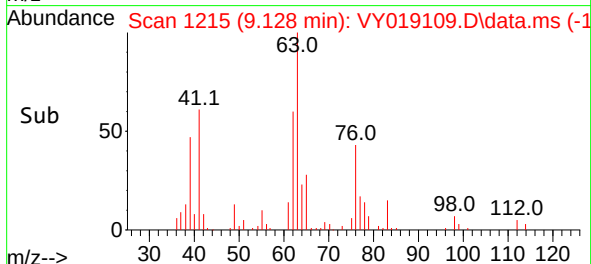
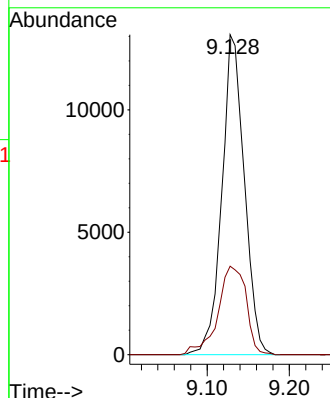
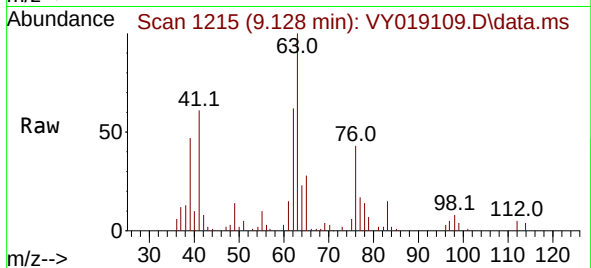
65 27.6 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#46

Dibromomethane

Concen: 19.957 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

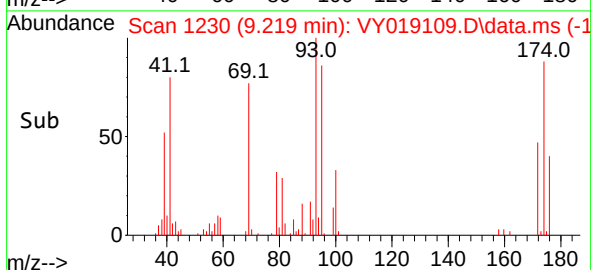
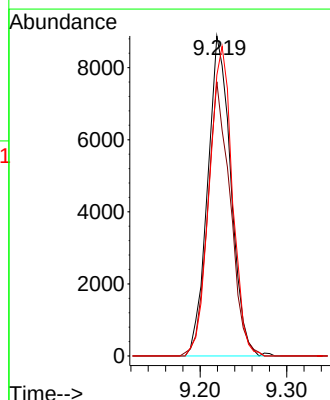
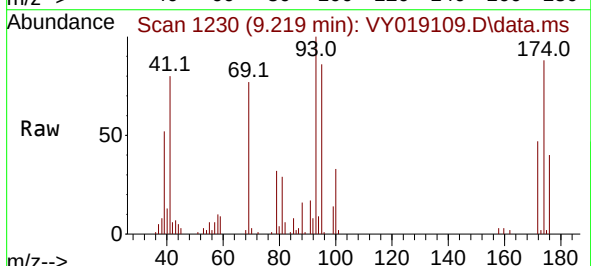
Tgt Ion: 93 Resp: 16546

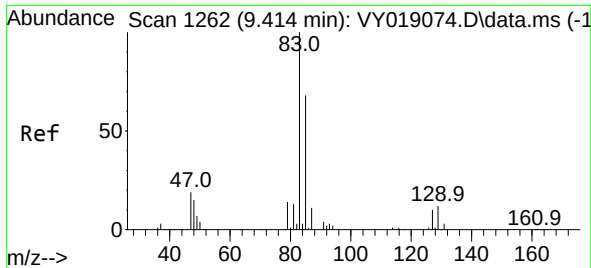
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 95.9 80.9 121.3





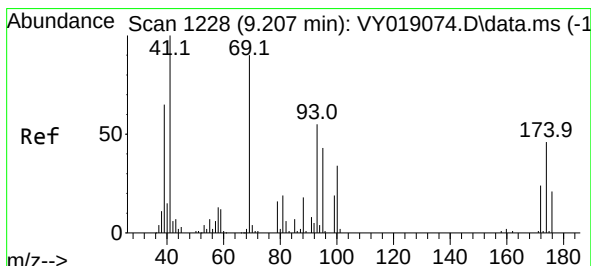
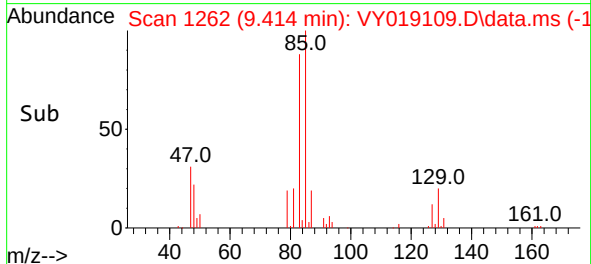
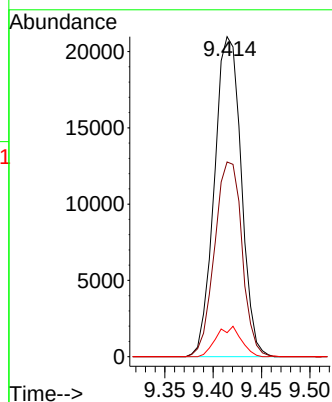
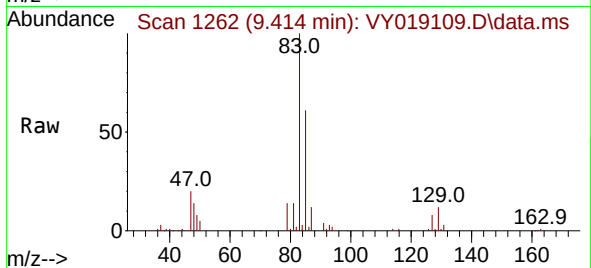
#47
Bromodichloromethane
Concen: 19.853 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
85 60.9 50.1 75.1
127 7.5 7.4 11.0

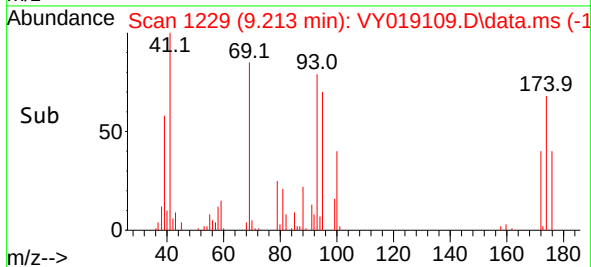
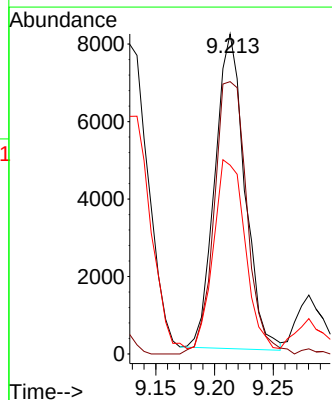
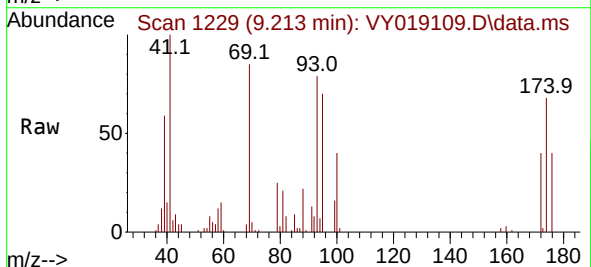
Manual Integrations
APPROVED

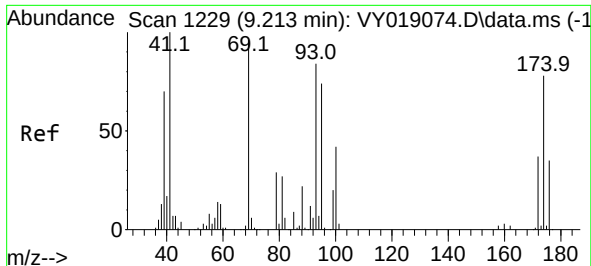
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#48
Methyl methacrylate
Concen: 19.245 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

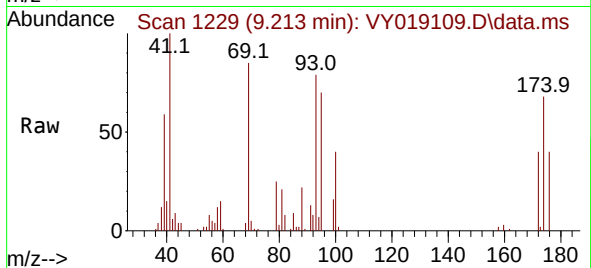
Tgt Ion: 41 Resp: 14376
Ion Ratio Lower Upper
41 100
69 94.7 84.1 126.1
39 67.2 43.6 65.4#





#49
1,4-Dioxane
Concen: 356.764 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

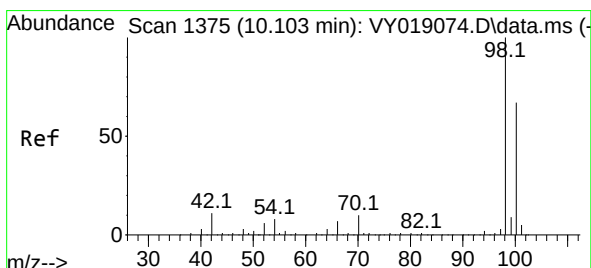
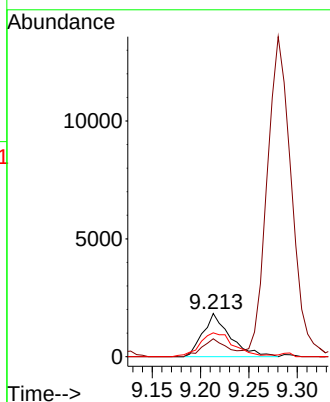
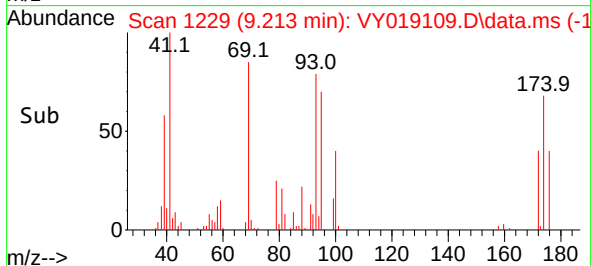
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
43 37.2 0.0 0.0
58 68.9 49.3 73.9

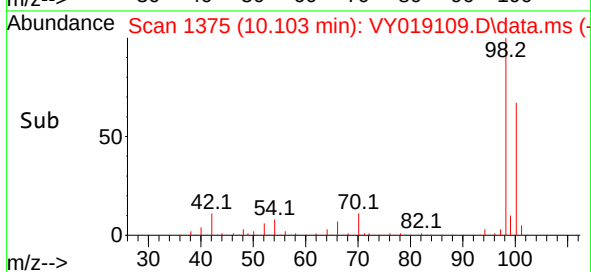
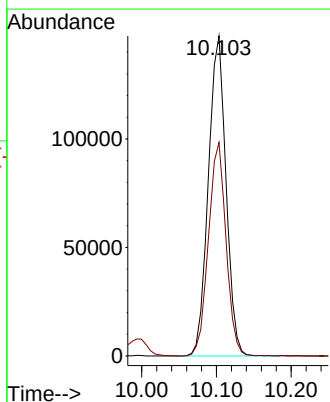
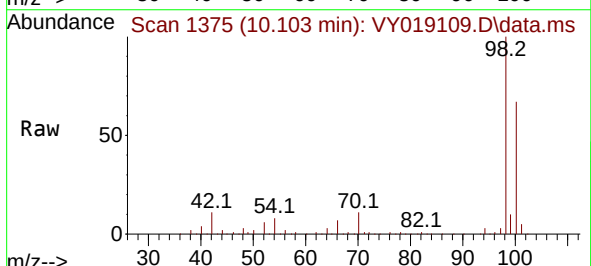
Manual Integrations
APPROVED

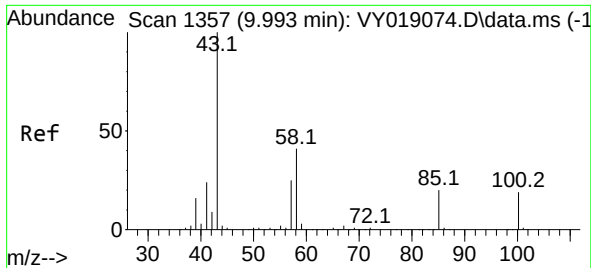
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 98 Resp: 242824
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0





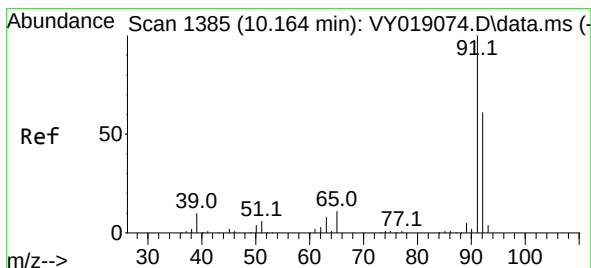
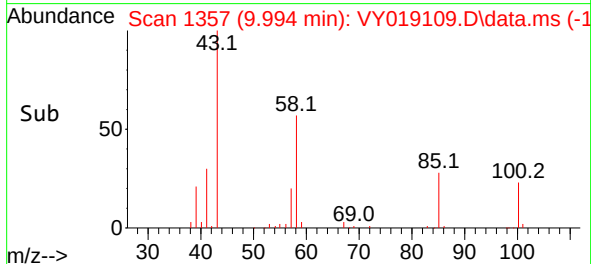
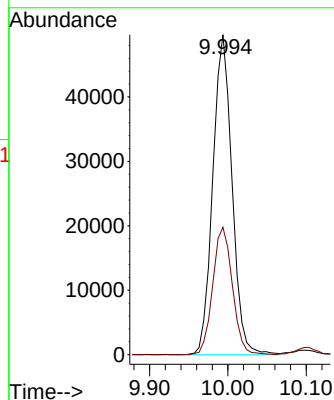
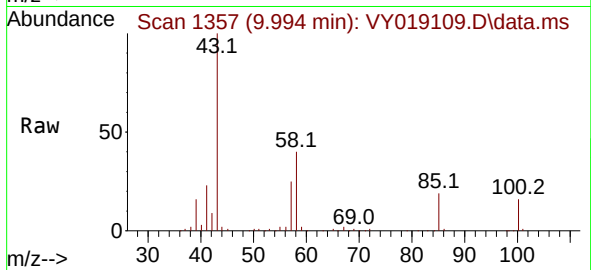
#51
4-Methyl-2-Pentanone
Concen: 95.262 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 43 Resp: 8474
Ion Ratio Lower Upper
43 100
58 40.6 35.7 53.5

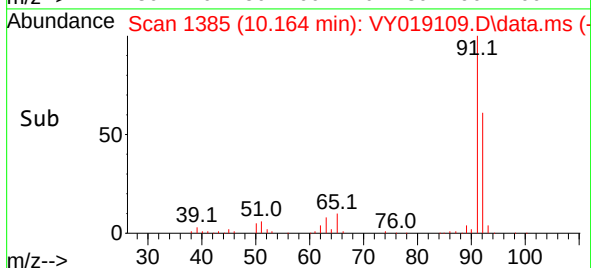
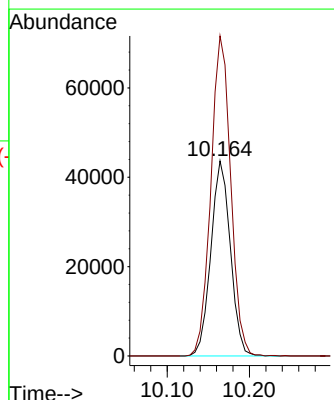
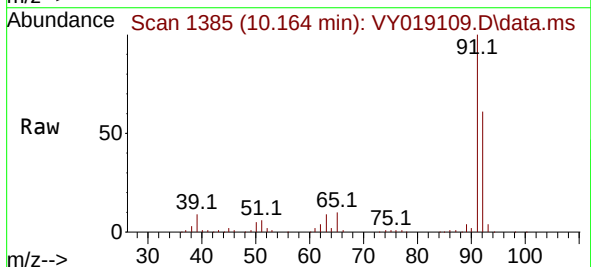
Manual Integrations
APPROVED

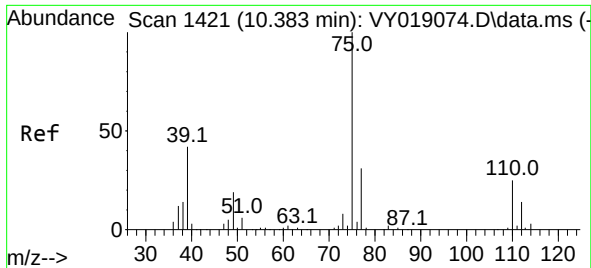
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#52
Toluene
Concen: 19.073 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 92 Resp: 71828
Ion Ratio Lower Upper
92 100
91 167.2 139.0 208.6





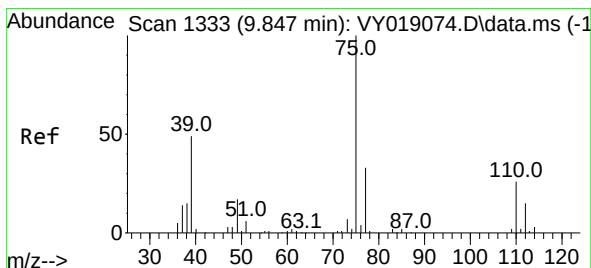
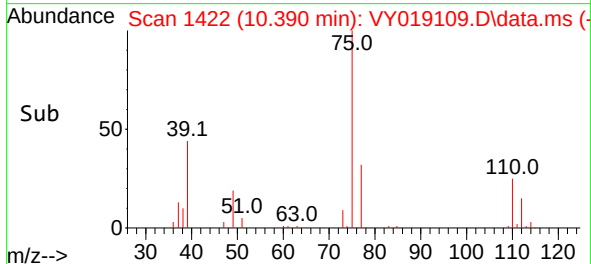
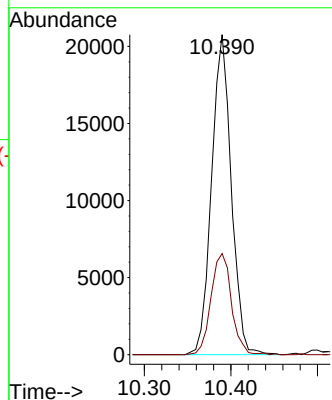
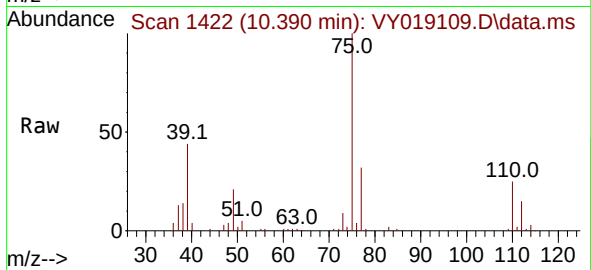
#53
 t-1,3-Dichloropropene
 Concen: 19.388 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019109.D
 Acq: 19 Aug 2024 11:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0819SBS01

Tgt Ion: 75 Resp: 3271
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1

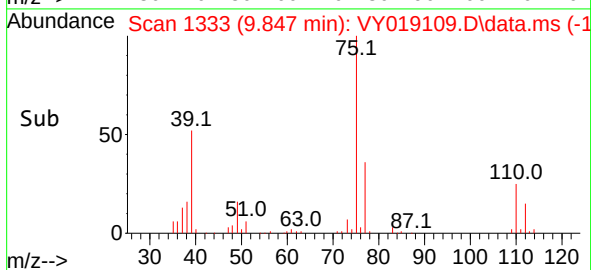
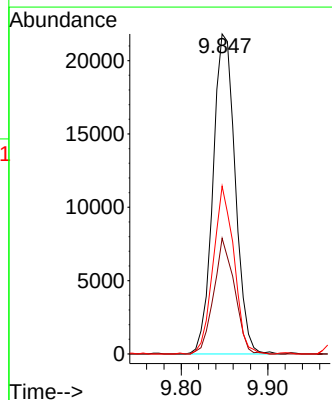
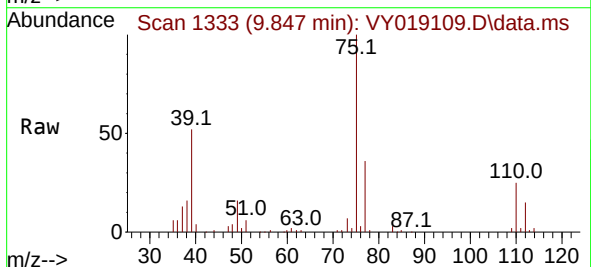
Manual Integrations
 APPROVED

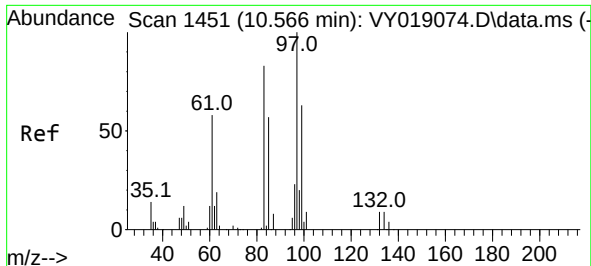
Reviewed By :Mahesh Dadoda 08/20/2024
 Supervised By :Semsettin Yesilyurt 08/20/2024



#54
 cis-1,3-Dichloropropene
 Concen: 19.227 ug/l
 RT: 9.847 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: VY019109.D
 Acq: 19 Aug 2024 11:55

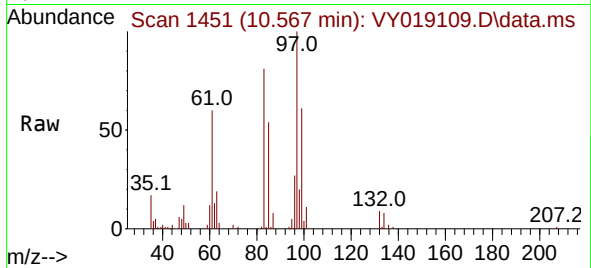
Tgt Ion: 75 Resp: 39015
 Ion Ratio Lower Upper
 75 100
 77 36.2 25.4 38.0
 39 52.2 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 20.139 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

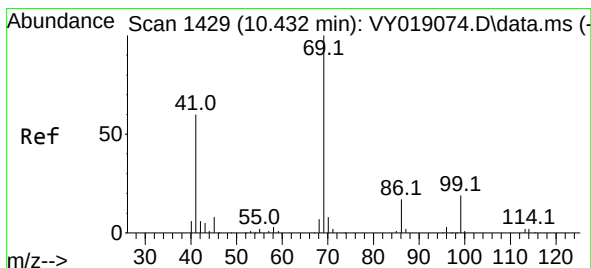
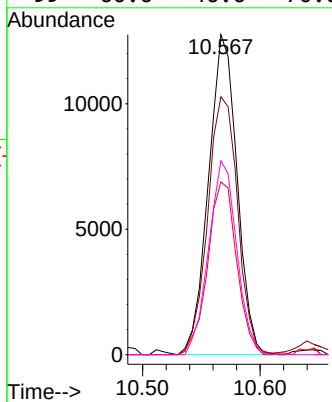
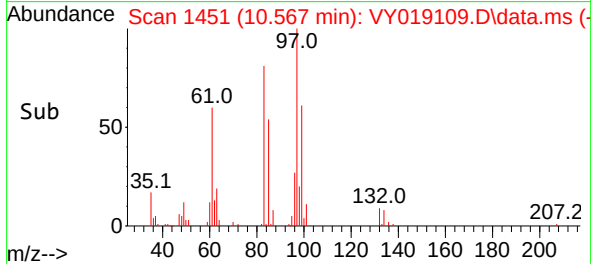
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:	97	Resp:	21494
Ion Ratio	100	Lower	Upper
83	80.6	67.5	101.3
85	54.0	42.9	64.3
99	60.6	46.6	70.0

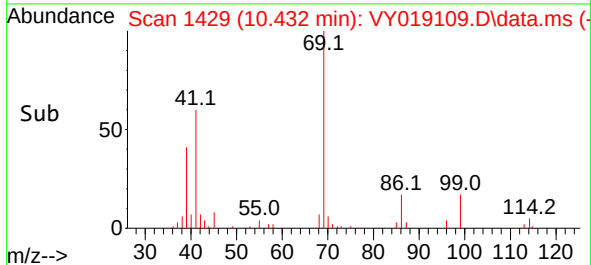
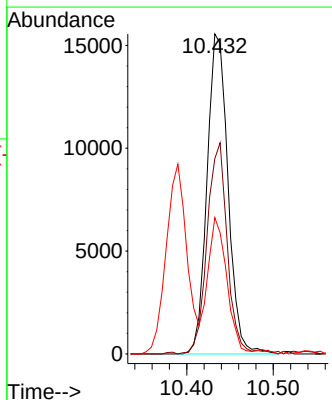
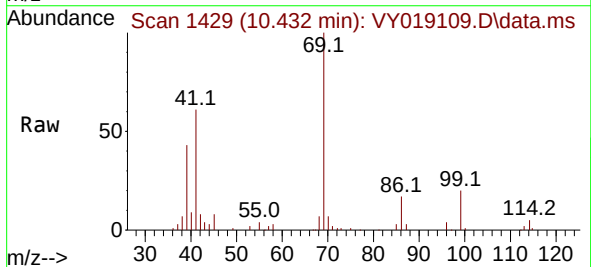
Manual Integrations
APPROVED

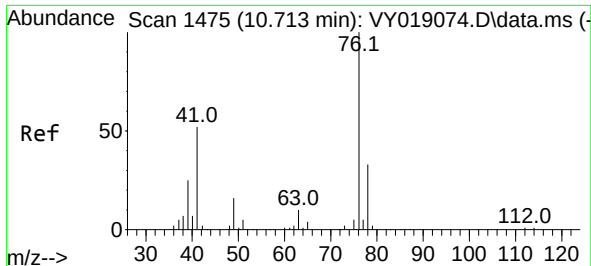
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#56
Ethyl methacrylate
Concen: 18.715 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion:	69	Resp:	26145
Ion Ratio	100	Lower	Upper
41	64.0	42.3	63.5#
39	37.5	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 19.732 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 76 Resp: 34330

Ion Ratio Lower Upper

76 100

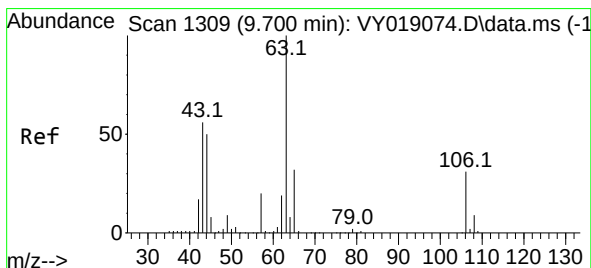
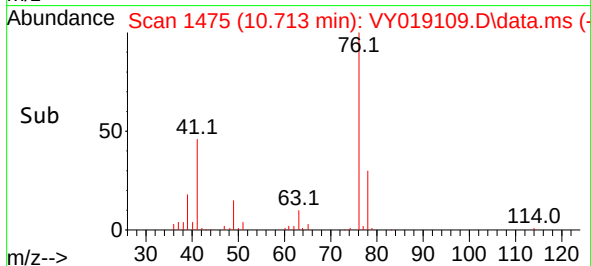
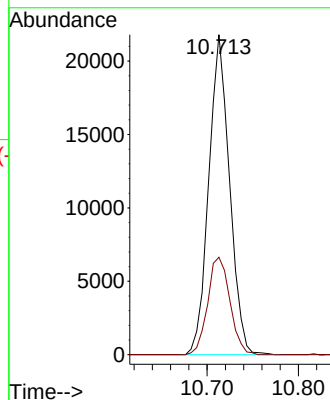
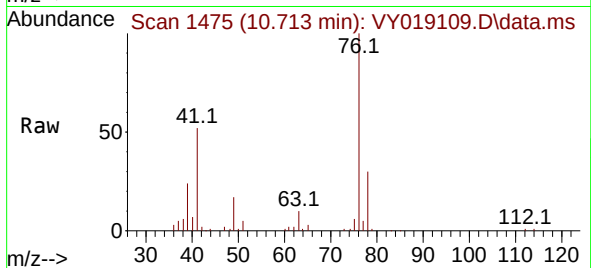
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 92.478 ug/l

RT: 9.701 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019109.D

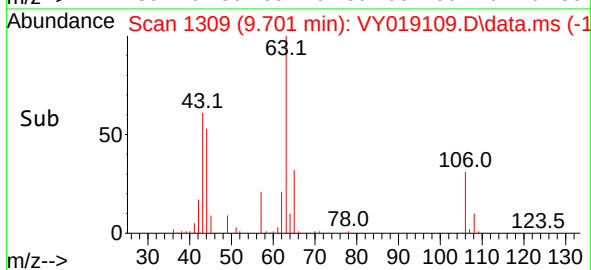
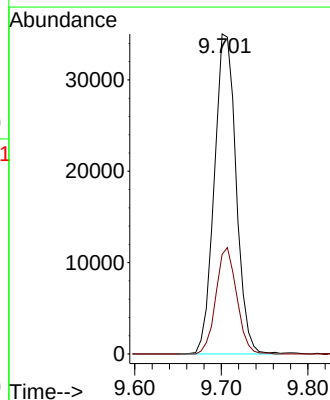
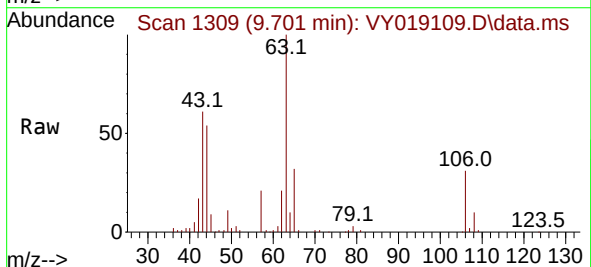
Acq: 19 Aug 2024 11:55

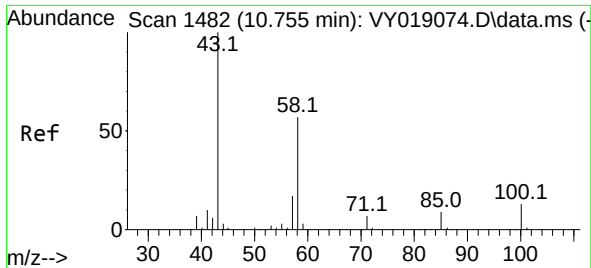
Tgt Ion: 63 Resp: 61288

Ion Ratio Lower Upper

63 100

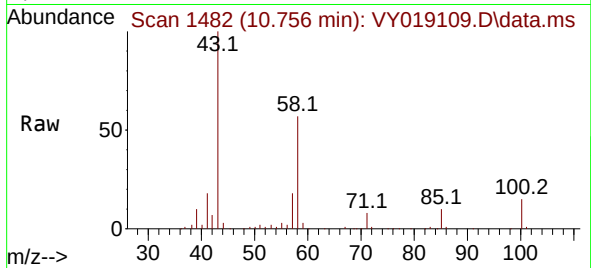
106 31.7 23.7 35.5





#59
2-Hexanone
Concen: 95.853 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

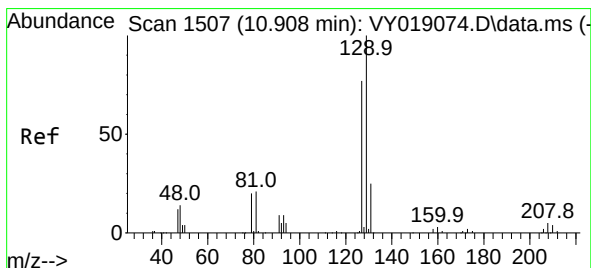
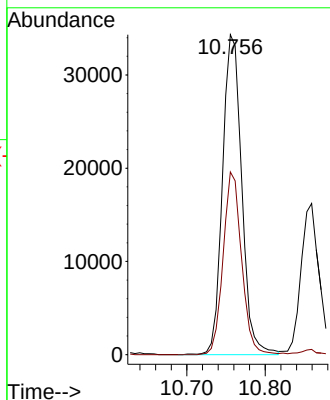
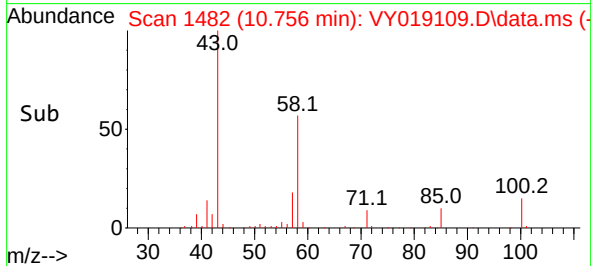
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 43 Resp: 58584
Ion Ratio Lower Upper
43 100
58 54.8 31.4 94.0

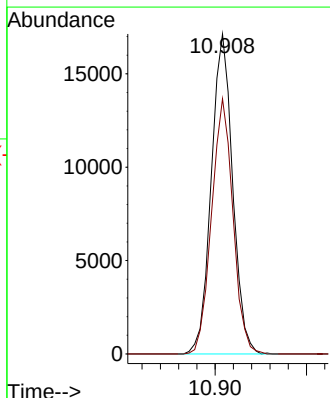
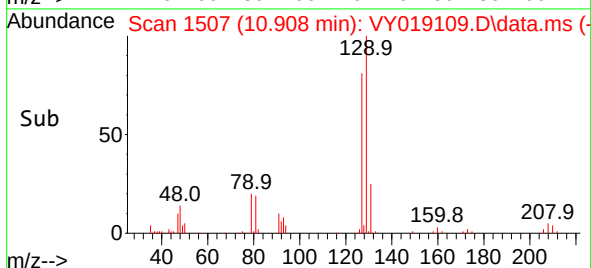
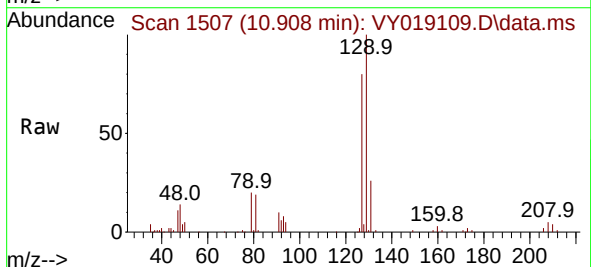
Manual Integrations
APPROVED

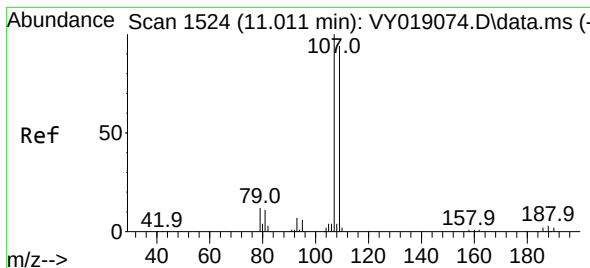
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#60
Dibromochloromethane
Concen: 19.118 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion:129 Resp: 27791
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0





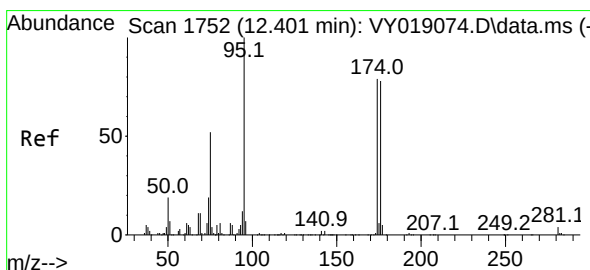
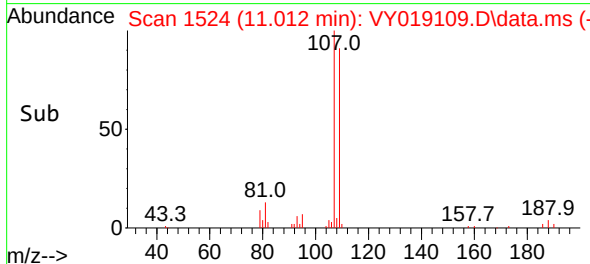
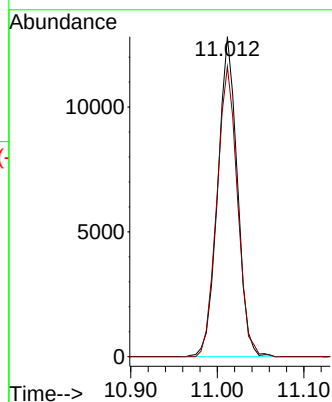
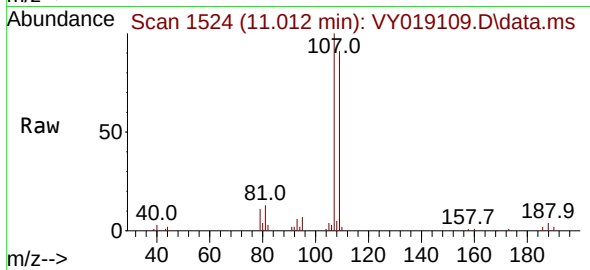
#61
1,2-Dibromoethane
Concen: 19.475 ug/l
RT: 11.012 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:107 Resp: 2090
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9

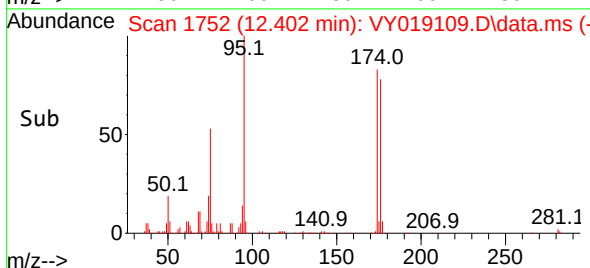
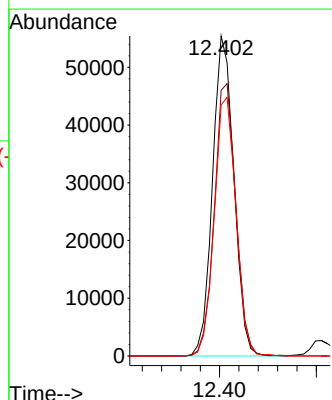
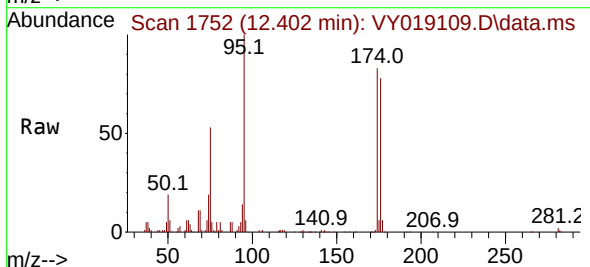
Manual Integrations
APPROVED

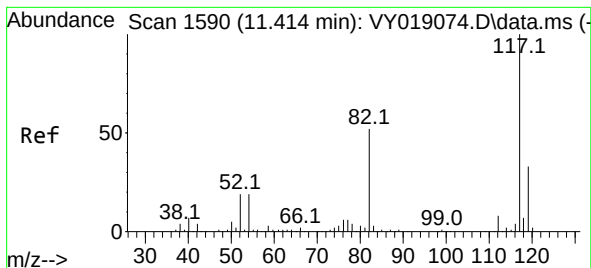
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#62
4-Bromofluorobenzene
Concen: 50.728 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion: 95 Resp: 84777
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 82.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:117 Resp: 18426

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

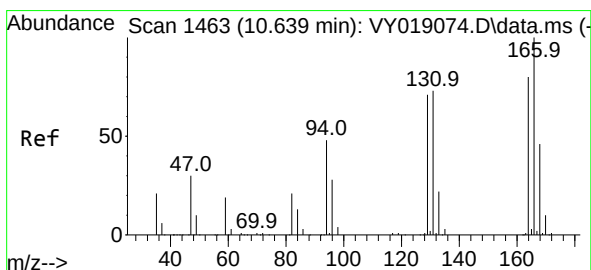
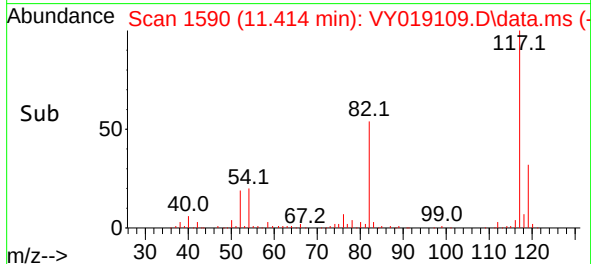
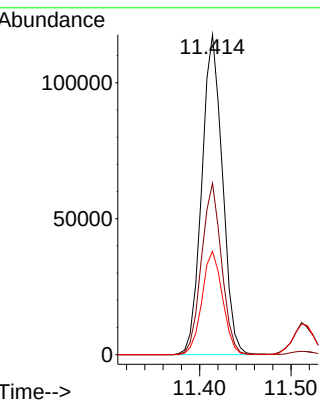
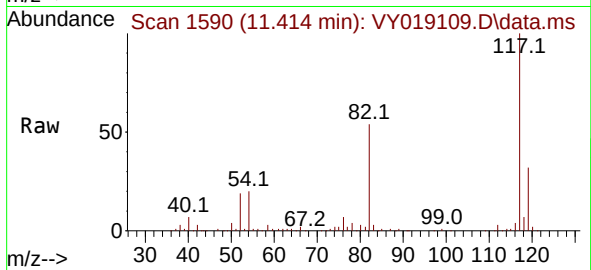
119 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#64

Tetrachloroethene

Concen: 19.033 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:164 Resp: 30654

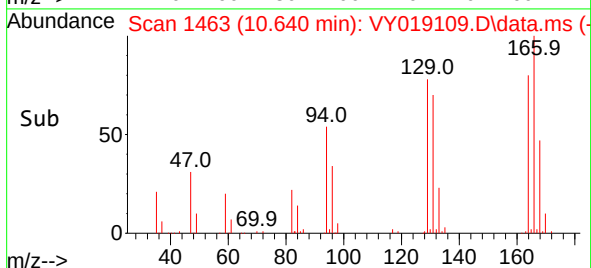
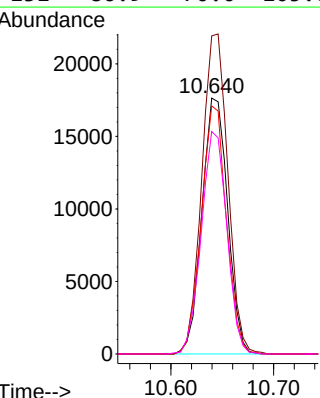
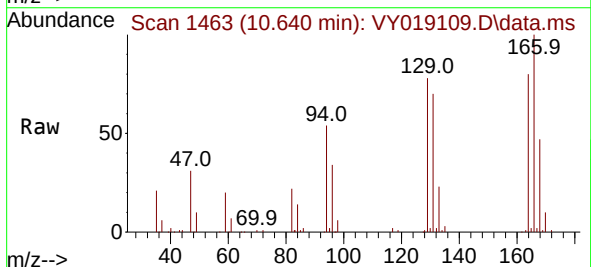
Ion Ratio Lower Upper

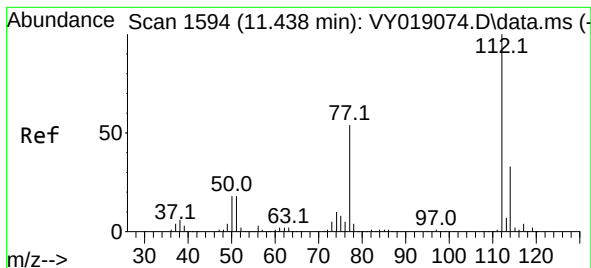
164 100

166 124.4 102.6 154.0

129 97.0 72.0 108.0

131 86.9 70.0 105.0





#65

Chlorobenzene

Concen: 18.945 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:112 Resp: 8038

Ion Ratio Lower Upper

112 100

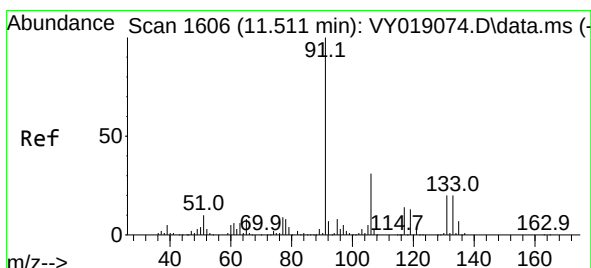
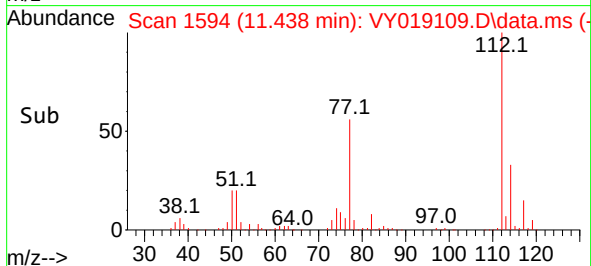
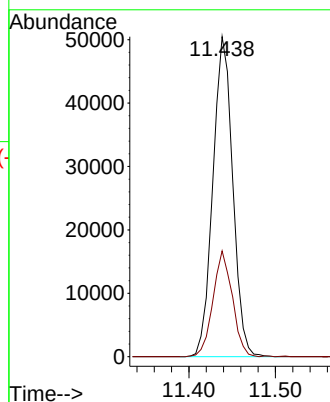
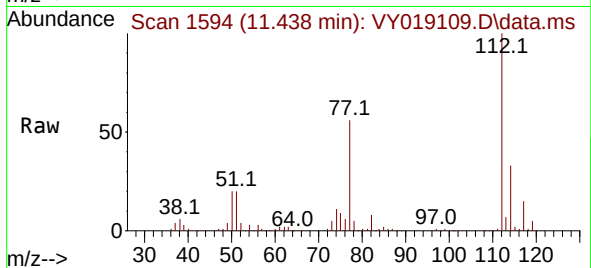
114 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

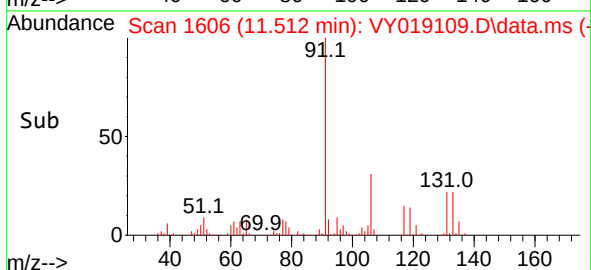
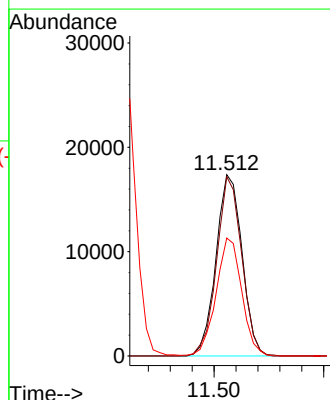
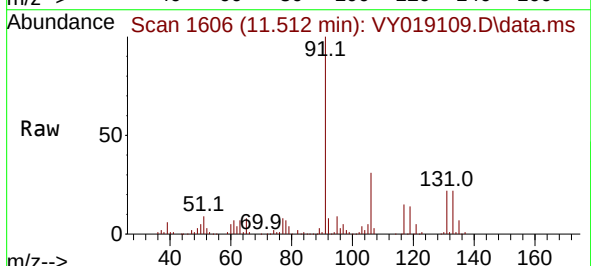
Tgt Ion:131 Resp: 28633

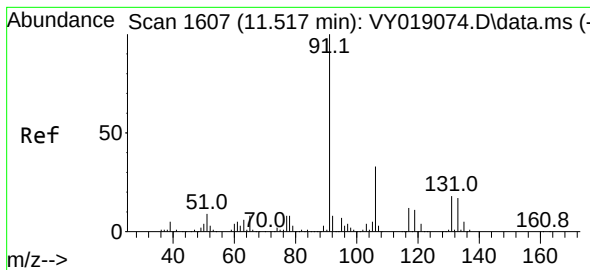
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 64.3 34.1 102.2





#67

Ethyl Benzene

Concen: 18.471 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion: 91 Resp: 136020

Ion Ratio Lower Upper

91 100

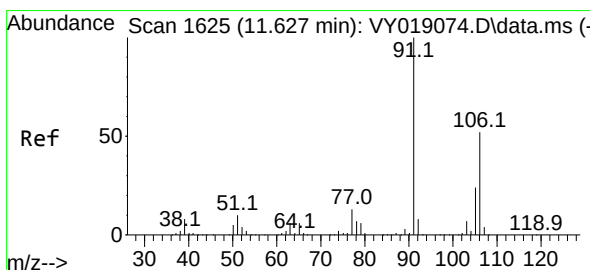
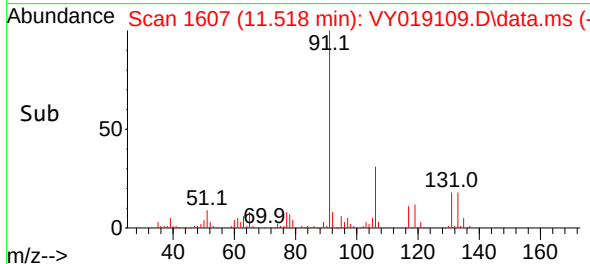
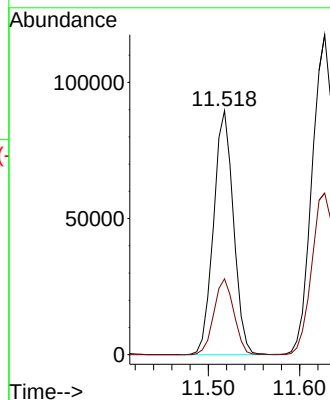
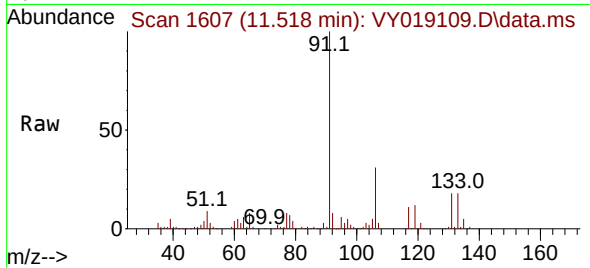
106 31.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#68

m/p-Xylenes

Concen: 37.053 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019109.D

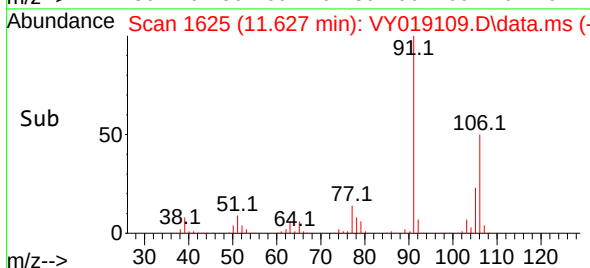
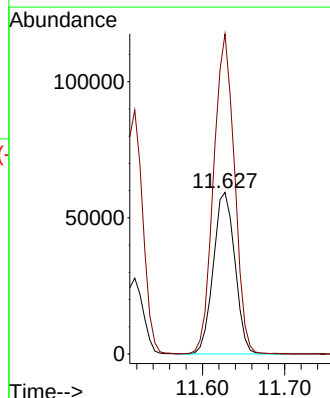
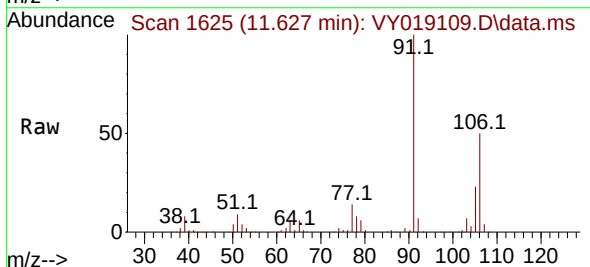
Acq: 19 Aug 2024 11:55

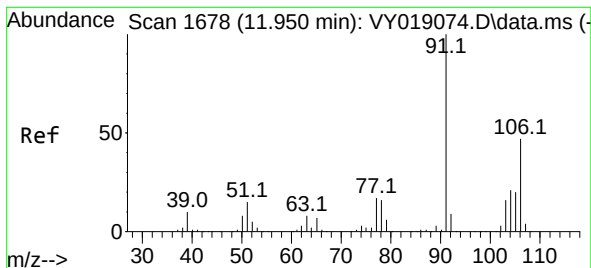
Tgt Ion:106 Resp: 108271

Ion Ratio Lower Upper

106 100

91 192.2 156.0 234.0





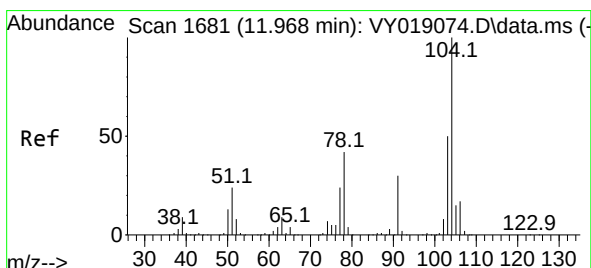
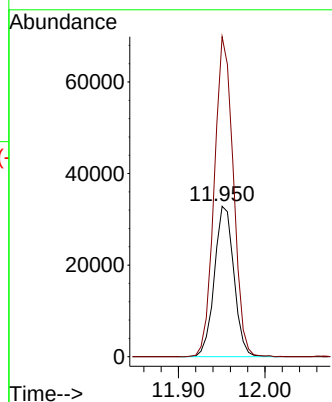
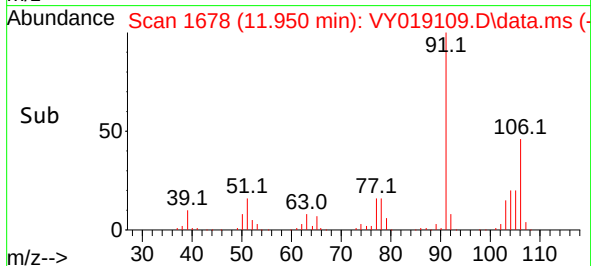
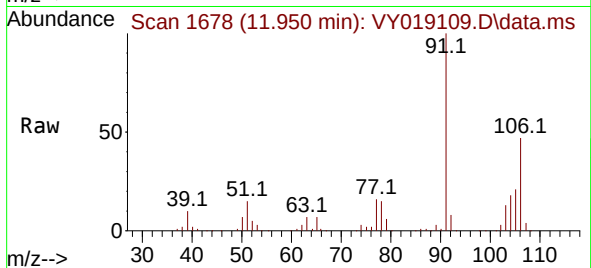
#69
o-Xylene
Concen: 18.961 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion:106 Resp: 51308
Ion Ratio Lower Upper
106 100
91 208.3 103.6 310.8

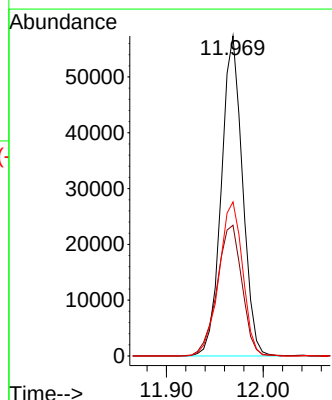
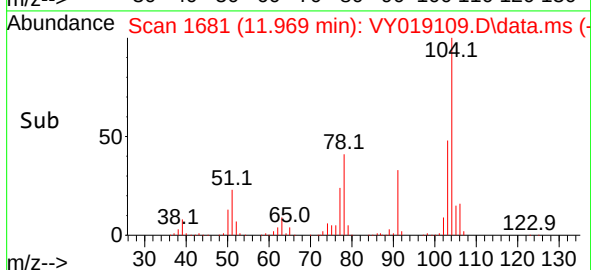
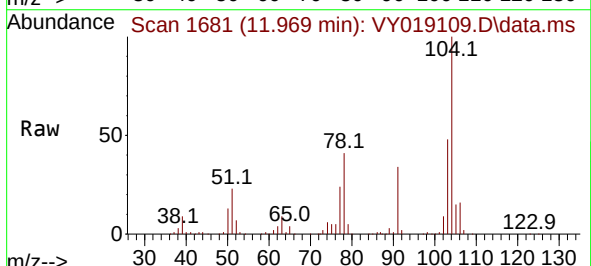
Manual Integrations
APPROVED

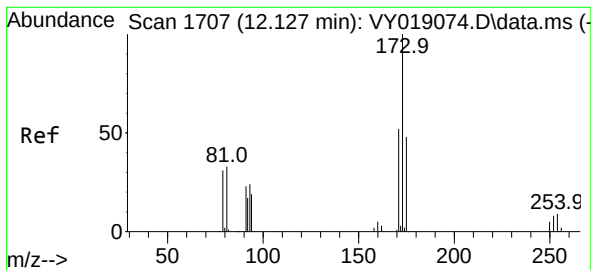
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#70
Styrene
Concen: 18.847 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion:104 Resp: 86969
Ion Ratio Lower Upper
104 100
78 48.3 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 19.031 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:173 Resp: 1623

Ion Ratio Lower Upper

173 100

175 51.5 25.1 75.3

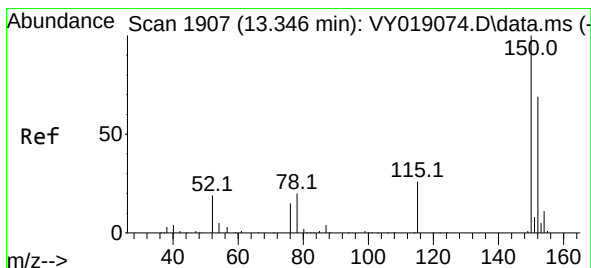
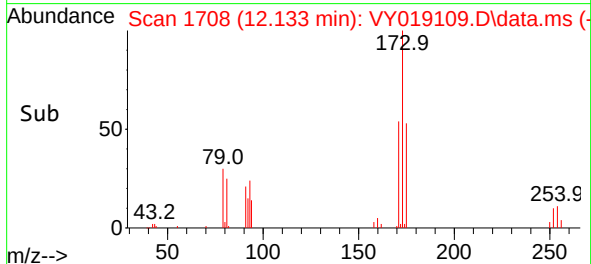
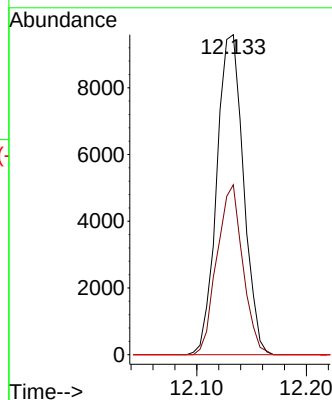
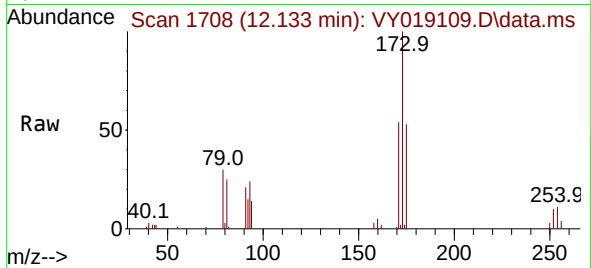
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

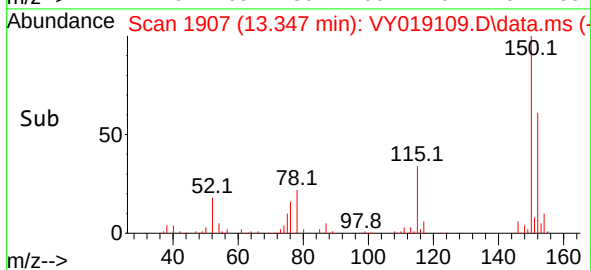
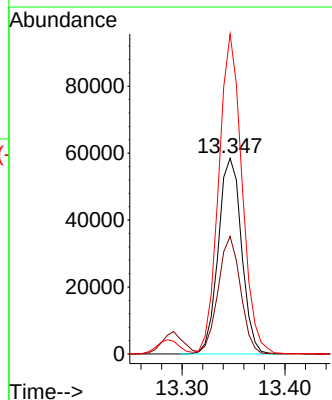
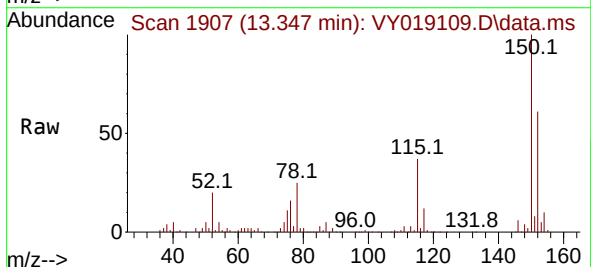
Tgt Ion:152 Resp: 91756

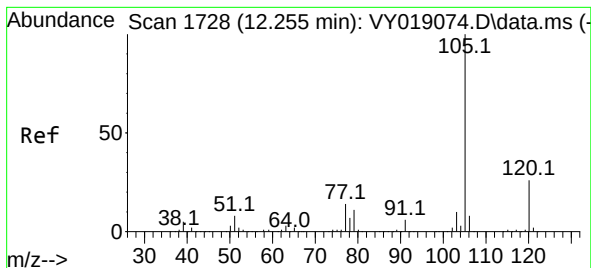
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 163.8 0.0 345.6





#73

Isopropylbenzene

Concen: 18.885 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:105 Resp: 132814

Ion Ratio Lower Upper

105 100

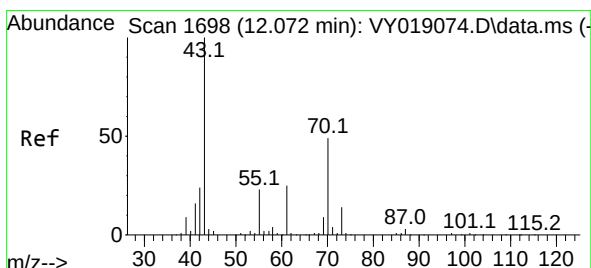
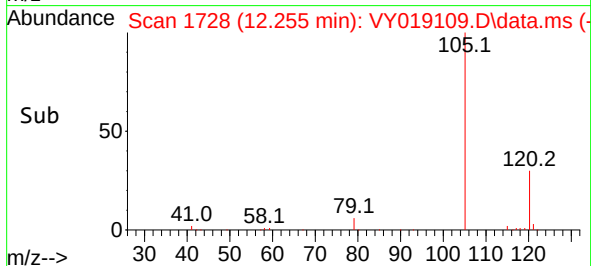
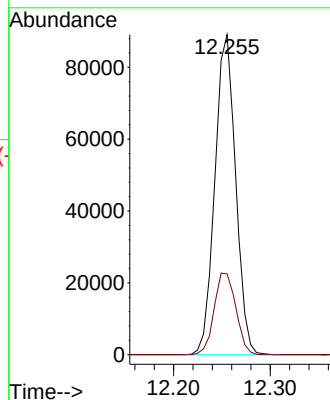
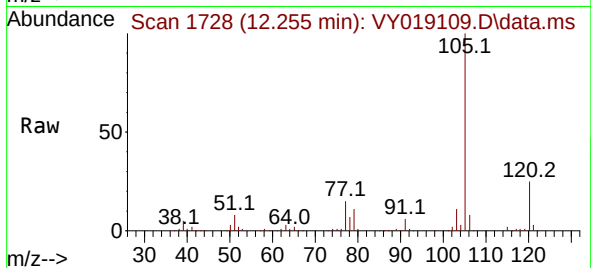
120 26.7 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#74

N-ethyl acetate

Concen: 18.517 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion: 43 Resp: 28396

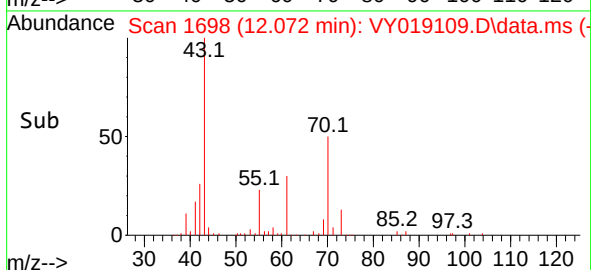
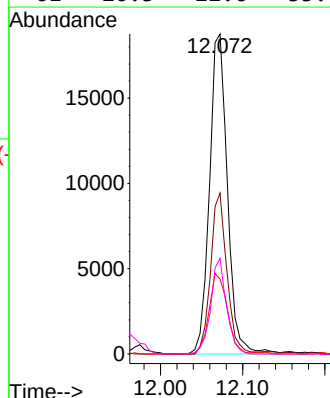
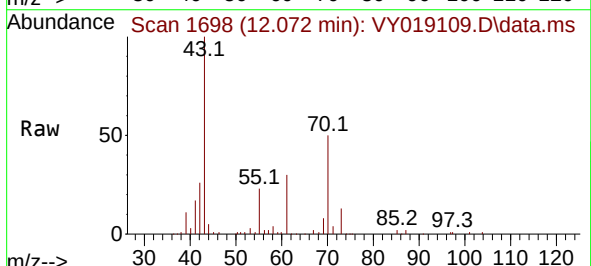
Ion Ratio Lower Upper

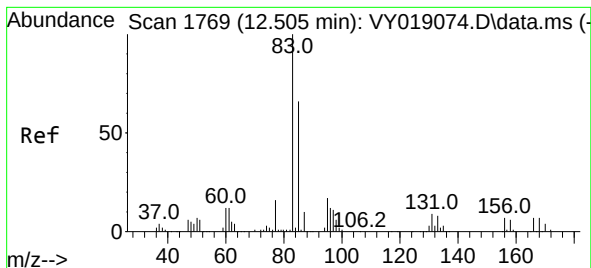
43 100

70 45.7 41.4 62.2

55 25.6 23.3 34.9

61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.279 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

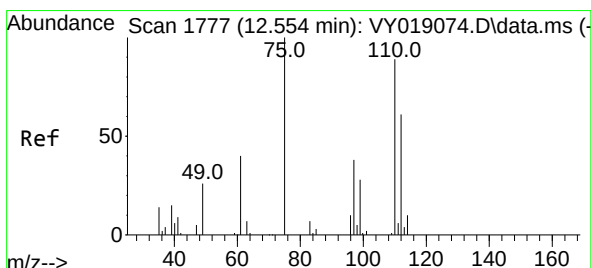
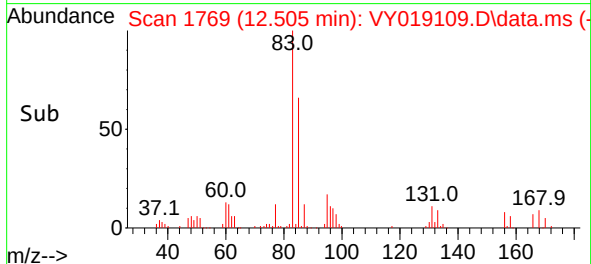
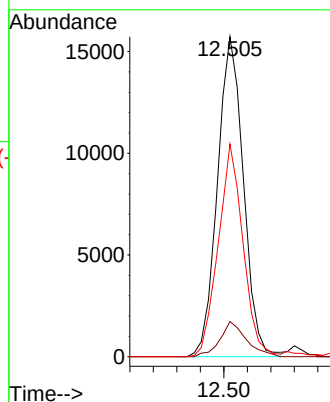
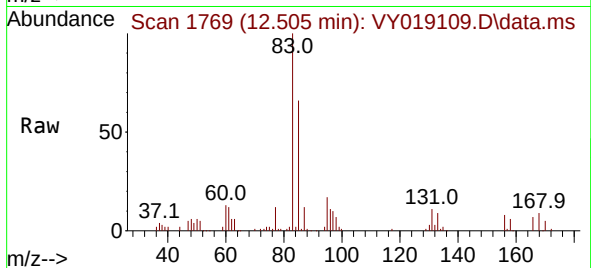
VY0819SBS01

Tgt Ion: 83	Resp: 24138
Ion Ratio	Lower Upper
83 100	
131 11.1	5.0 14.9
85 63.6	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#76

1,2,3-Trichloropropane

Concen: 18.305 ug/l m

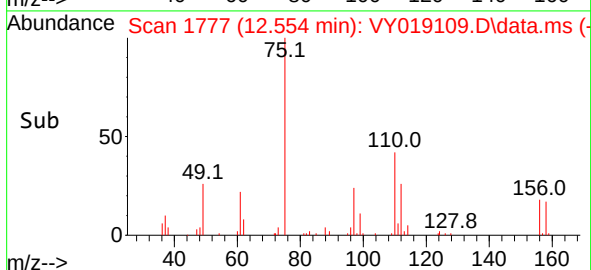
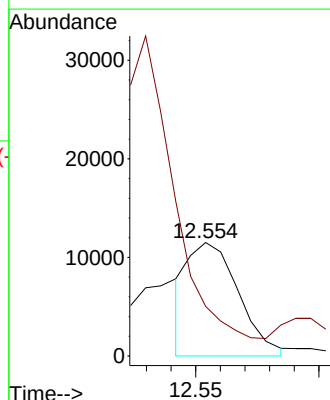
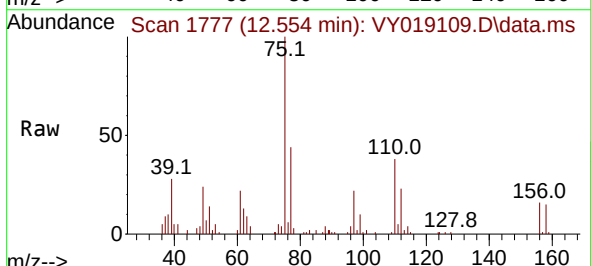
RT: 12.554 min Scan# 1777

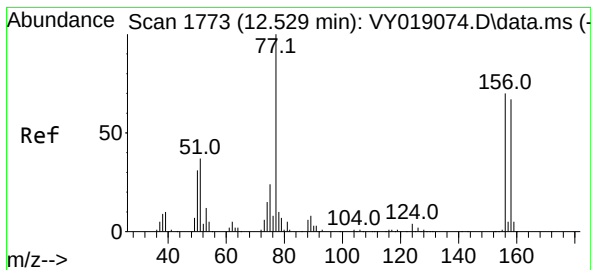
Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion: 75	Resp: 16564
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 19.059 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

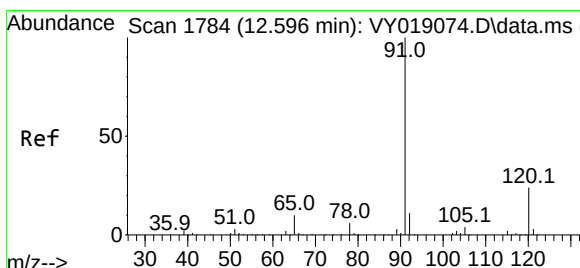
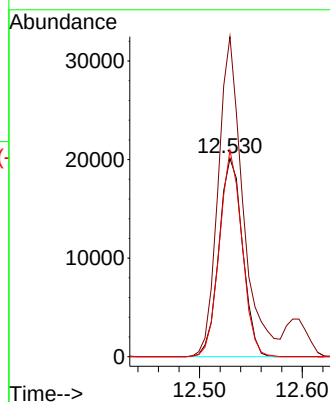
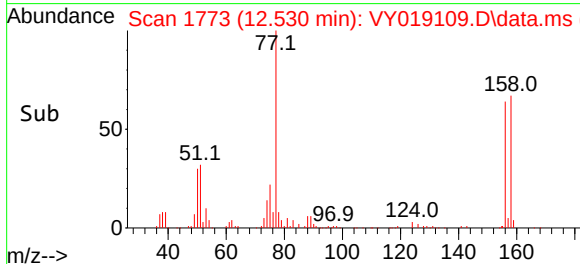
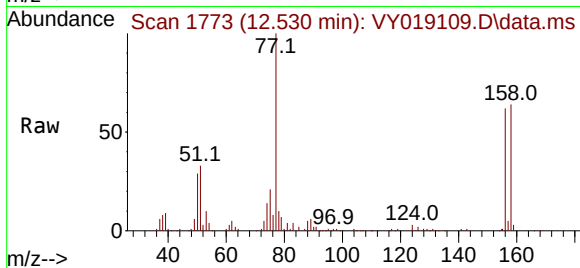
VY0819SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	169.5	87.1	261.3
158	99.0	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#78

n-propylbenzene

Concen: 18.487 ug/l

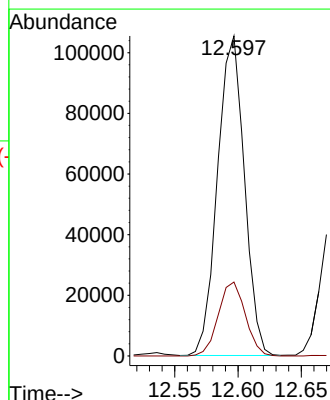
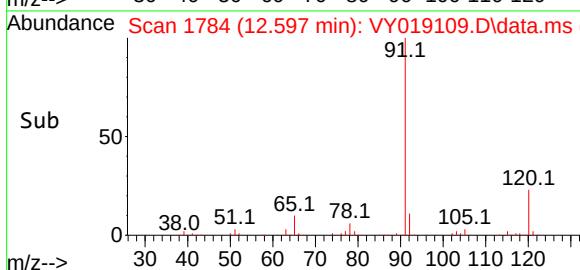
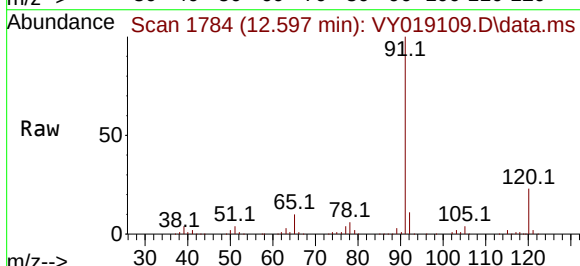
RT: 12.597 min Scan# 1784

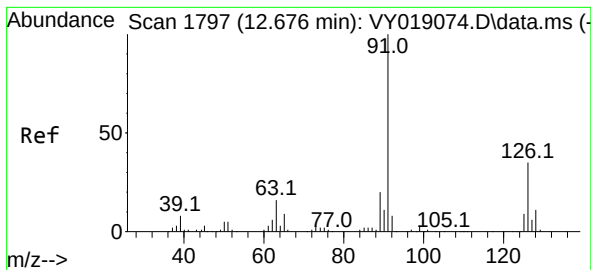
Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.4





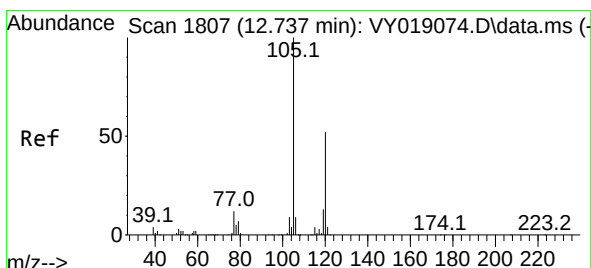
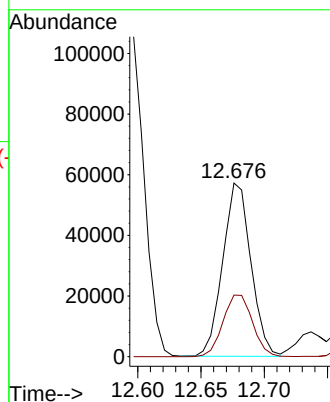
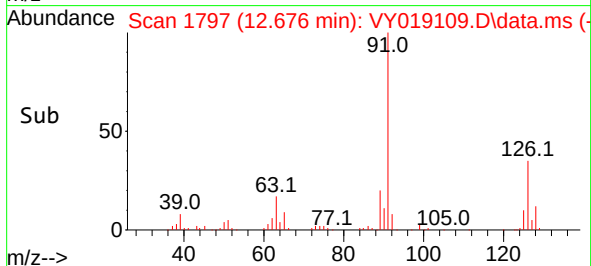
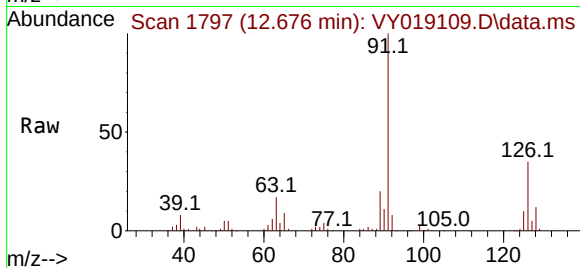
#79
2-Chlorotoluene
Concen: 18.814 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01

Tgt Ion: 91 Resp: 88678
Ion Ratio Lower Upper
91 100
126 37.3 17.8 53.5

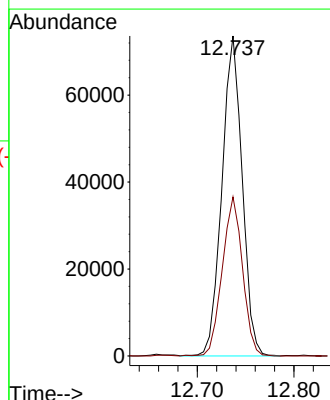
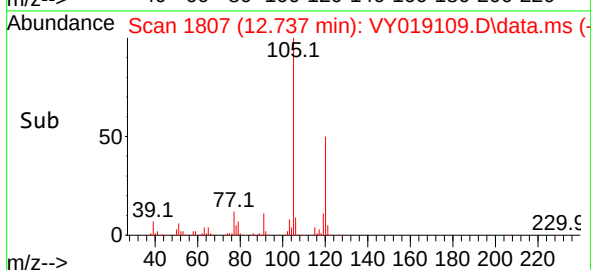
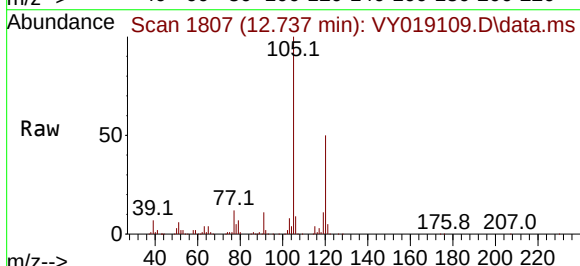
Manual Integrations
APPROVED

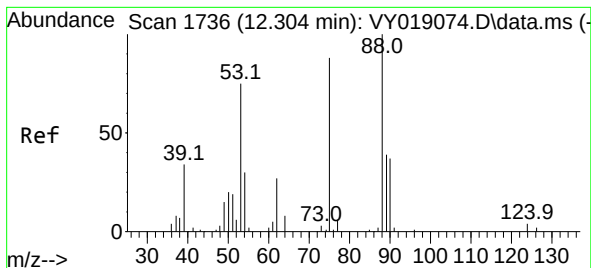
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 18.642 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

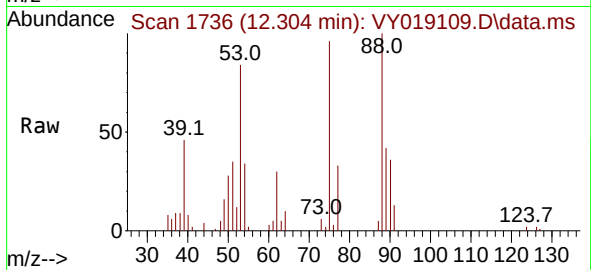
Tgt Ion:105 Resp: 106804
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.712 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

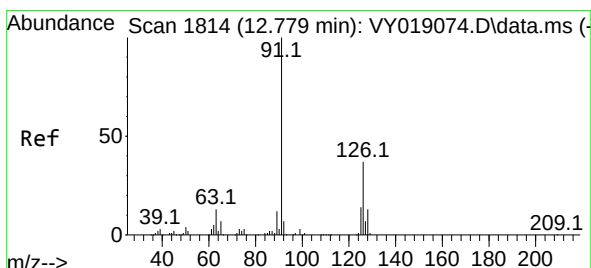
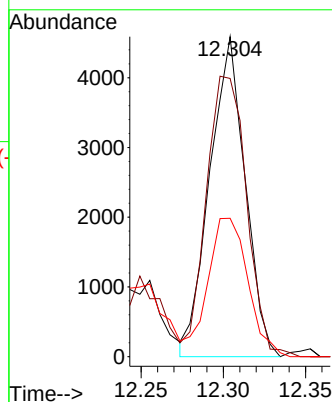
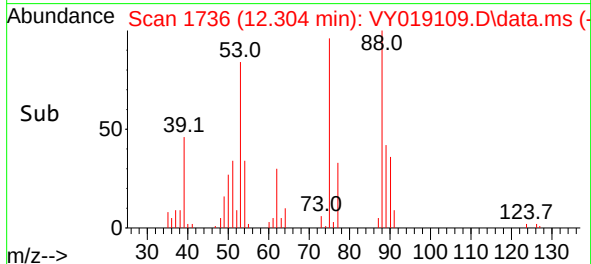
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion: 75 Resp: 6850
Ion Ratio Lower Upper
75 100
53 99.9 66.8 100.2
89 49.1 35.8 53.6

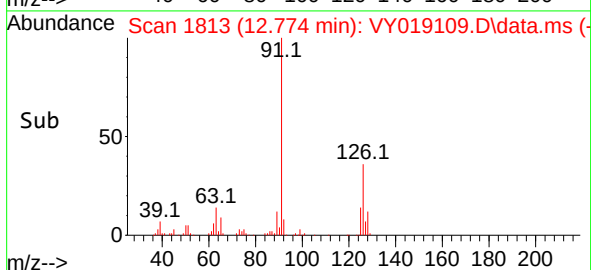
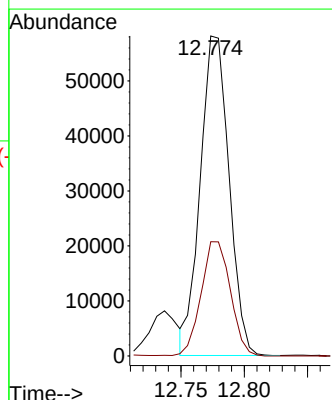
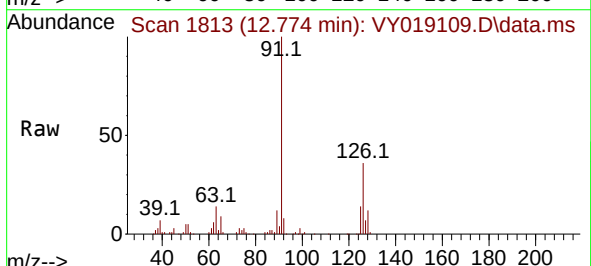
Manual Integrations
APPROVED

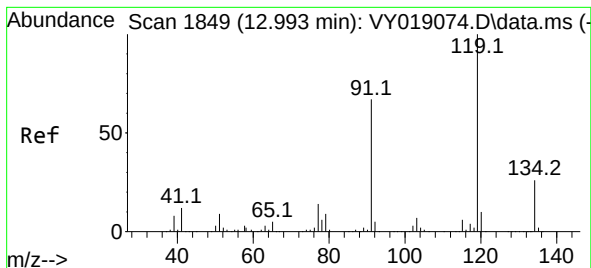
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#82
4-Chlorotoluene
Concen: 18.759 ug/l
RT: 12.774 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

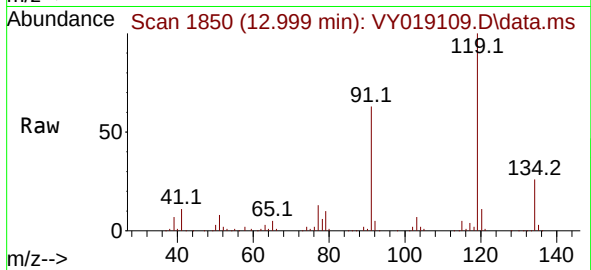
Tgt Ion: 91 Resp: 91991
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83
tert-Butylbenzene
Concen: 18.586 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

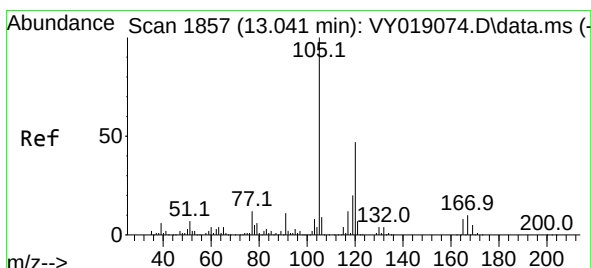
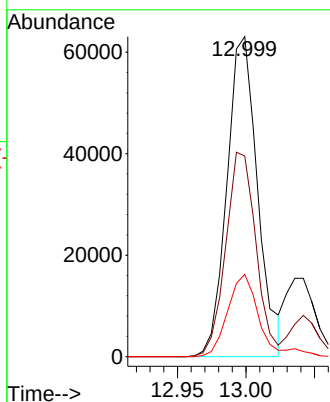
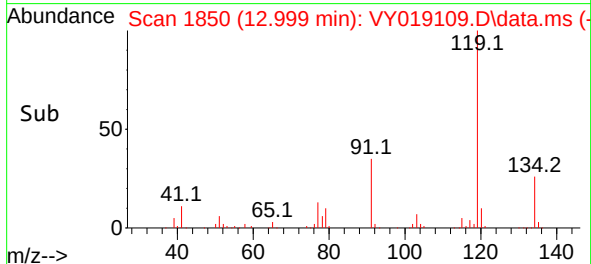
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



Tgt Ion:119 Resp: 98334
Ion Ratio Lower Upper
119 100
91 63.0 31.3 93.8
134 26.7 13.4 40.1

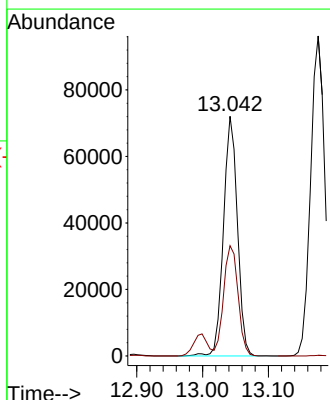
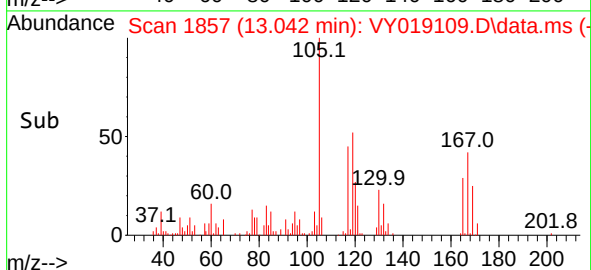
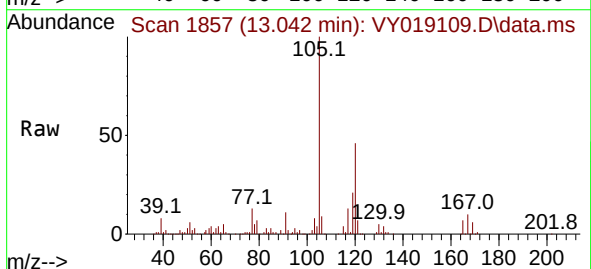
Manual Integrations
APPROVED

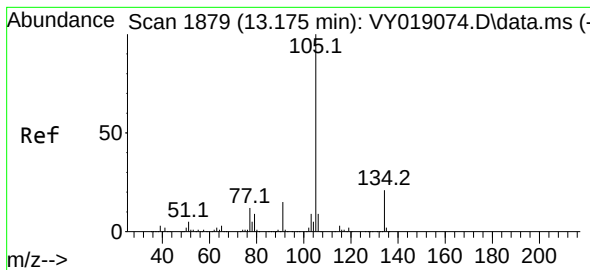
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.618 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

Tgt Ion:105 Resp: 106308
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.700 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

Tgt Ion:105 Resp: 14418

Ion Ratio Lower Upper

105 100

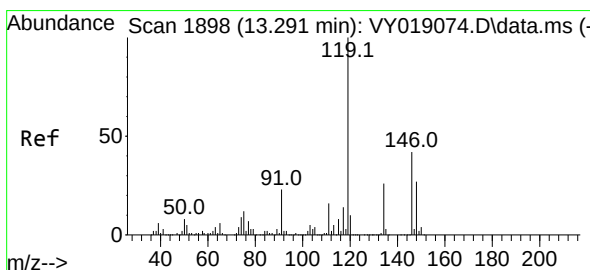
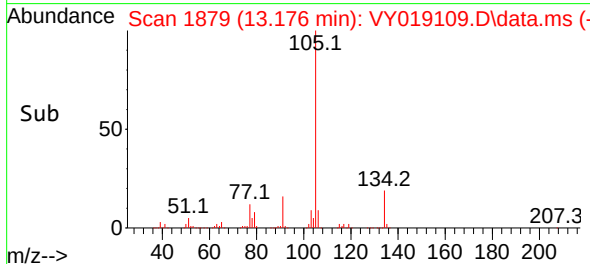
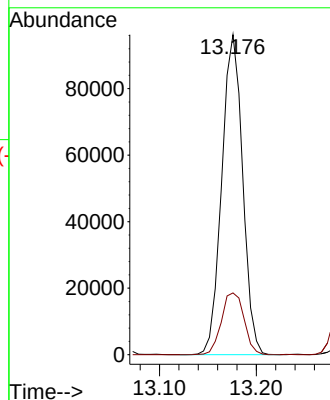
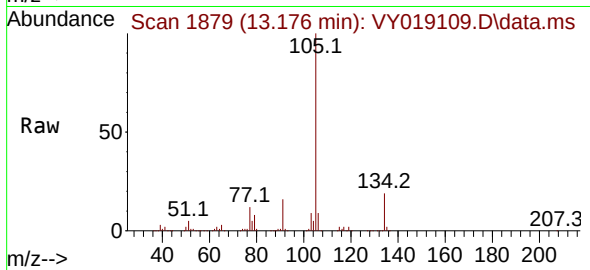
134 20.9 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024

Supervised By :Semsettin Yesilyurt 08/20/2024



#86

p-Isopropyltoluene

Concen: 18.697 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

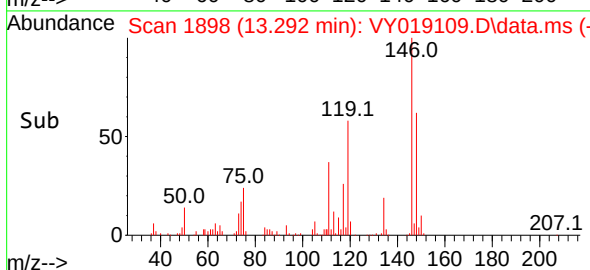
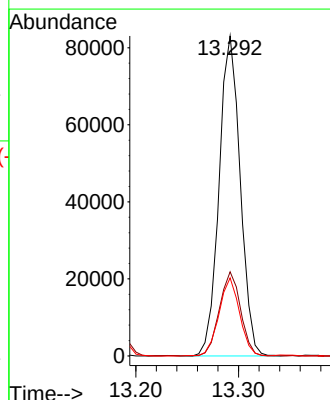
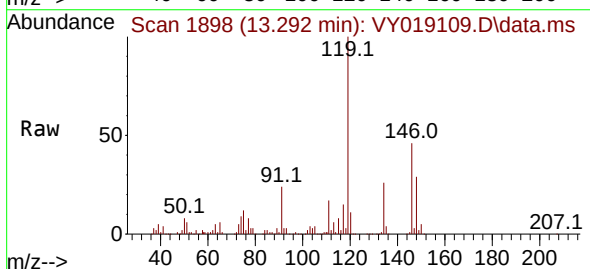
Tgt Ion:119 Resp: 118407

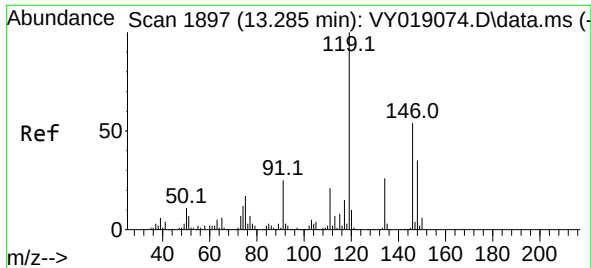
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 18.761 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

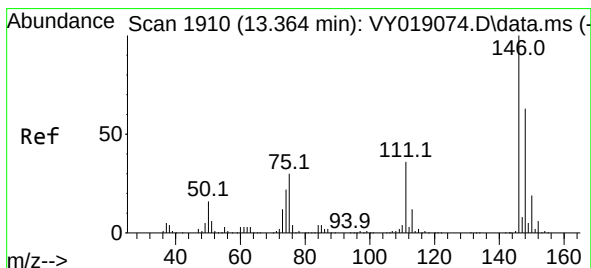
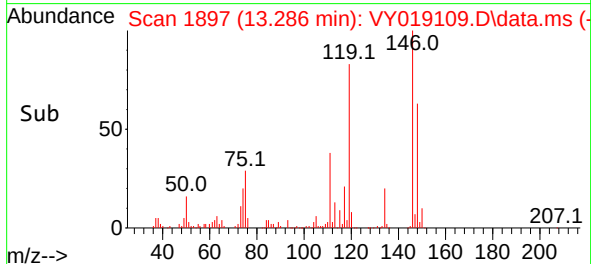
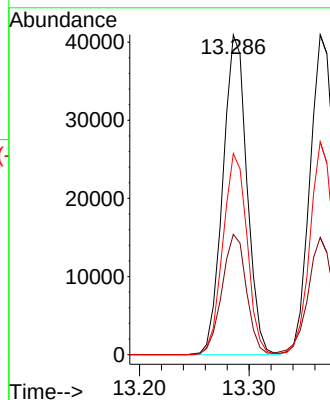
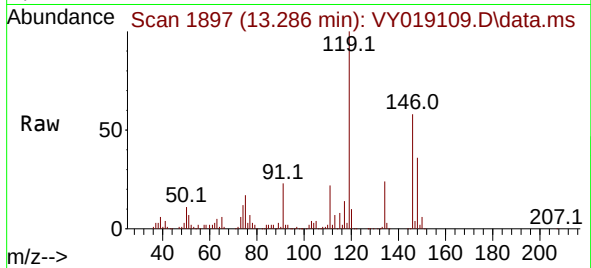
VY0819SBS01

Tgt Ion:146	Resp:	6249
Ion Ratio	Lower	Upper
146	100	
111	38.1	19.0 57.0
148	63.0	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#88

1,4-Dichlorobenzene

Concen: 19.177 ug/l

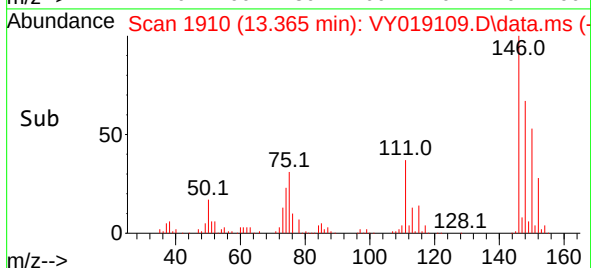
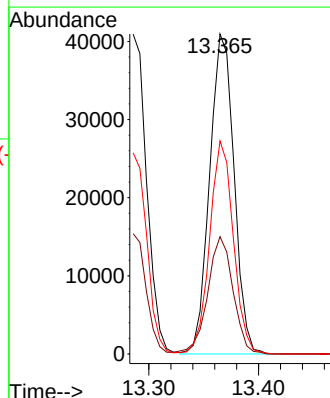
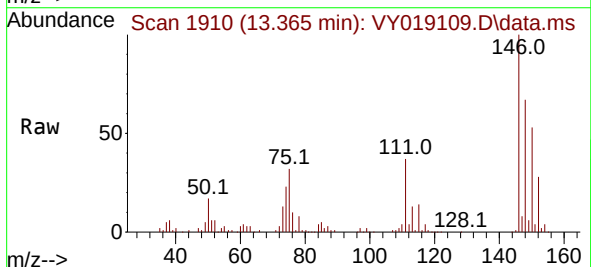
RT: 13.365 min Scan# 1910

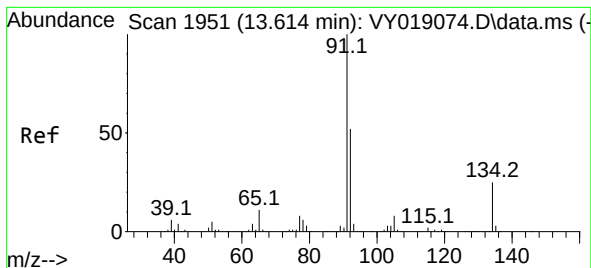
Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:146	Resp:	63494
Ion Ratio	Lower	Upper
146	100	
111	38.0	18.4 55.4
148	64.7	32.4 97.2





#89

n-Butylbenzene

Concen: 18.647 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0819SBS01

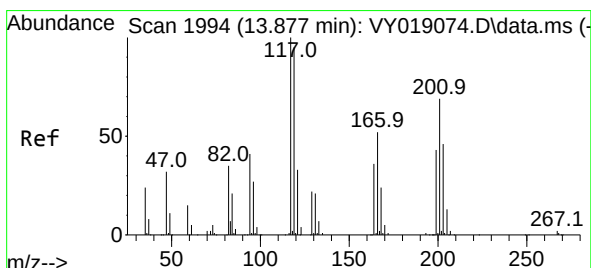
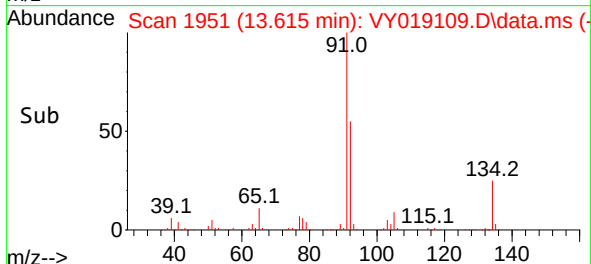
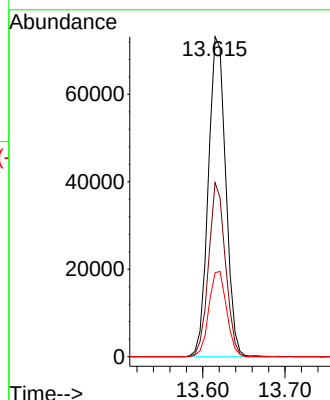
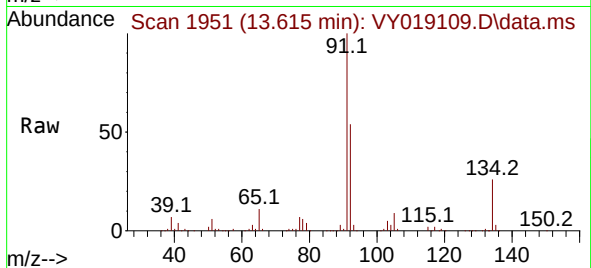
Tgt Ion: 91 Resp: 107664

Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	27.1	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#90

Hexachloroethane

Concen: 19.443 ug/l

RT: 13.877 min Scan# 1994

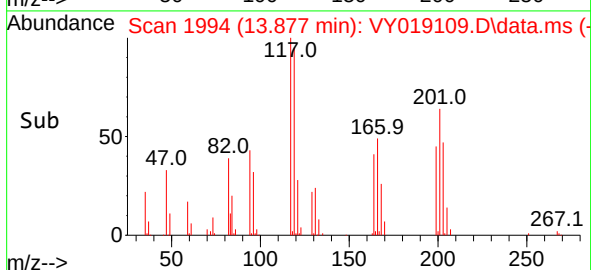
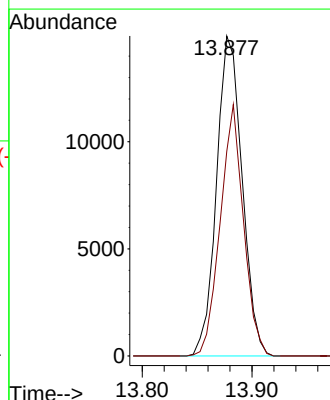
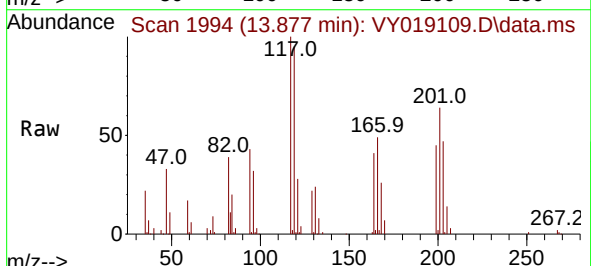
Delta R.T. 0.000 min

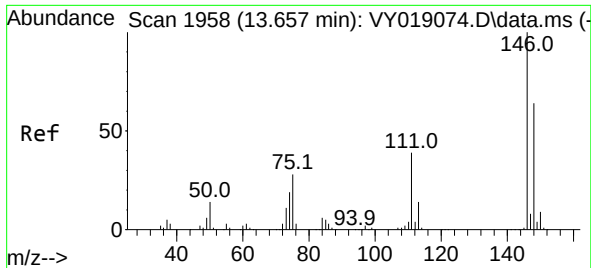
Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:117 Resp: 24270

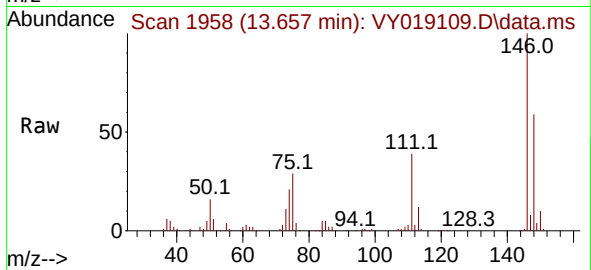
Ion	Ratio	Lower	Upper
117	100		
201	71.3	37.4	112.2





#91
1,2-Dichlorobenzene
Concen: 19.158 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55

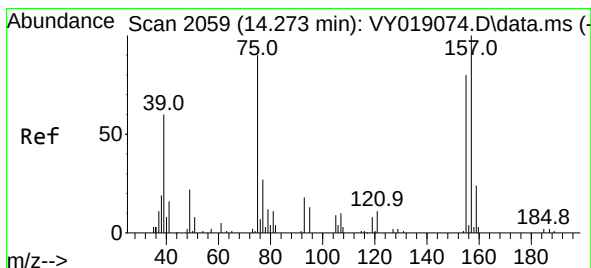
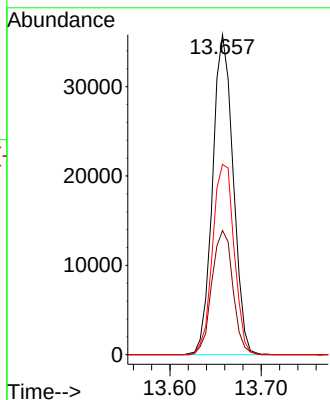
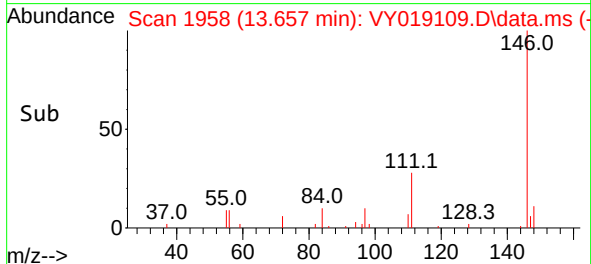
Instrument :
MSVOA_Y
ClientSampleId :
VY0819SBS01



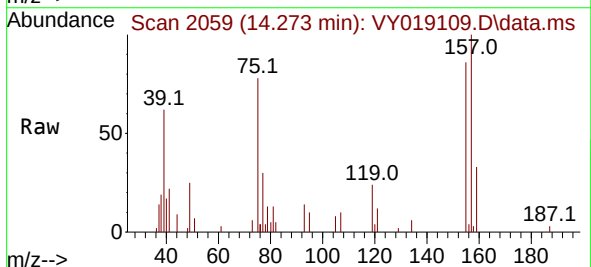
Tgt Ion:146 Resp: 5612
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 62.4 31.8 95.4

Manual Integrations
APPROVED

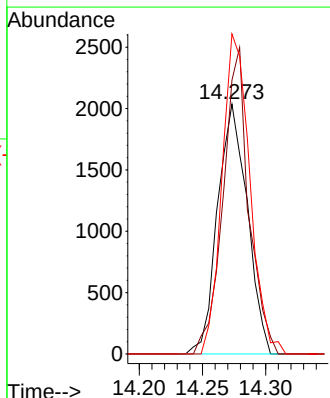
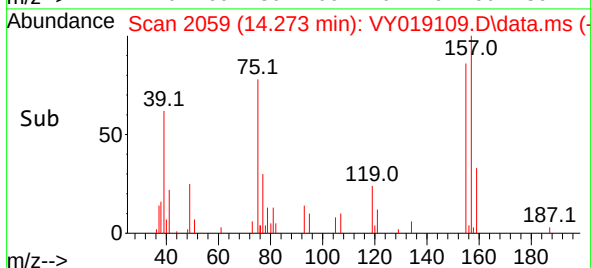
Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024

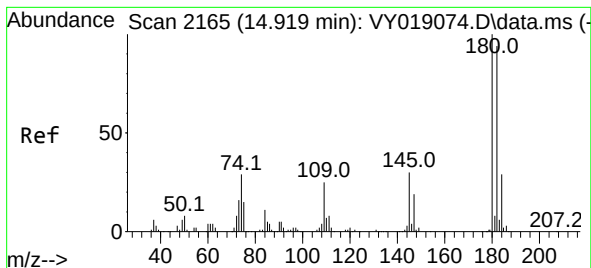


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.009 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019109.D
Acq: 19 Aug 2024 11:55



Tgt Ion: 75 Resp: 3317
Ion Ratio Lower Upper
75 100
155 106.3 48.6 145.8
157 120.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.992 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

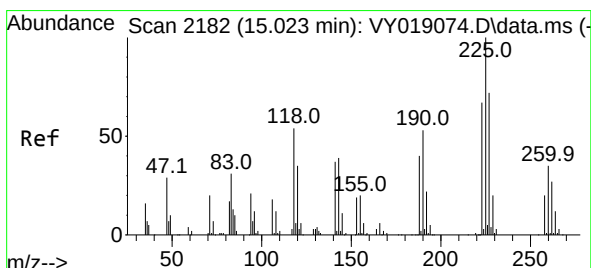
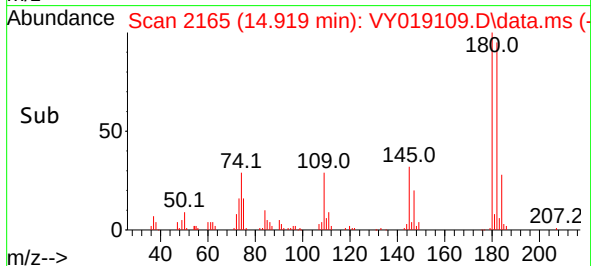
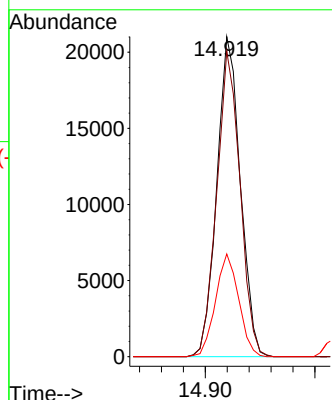
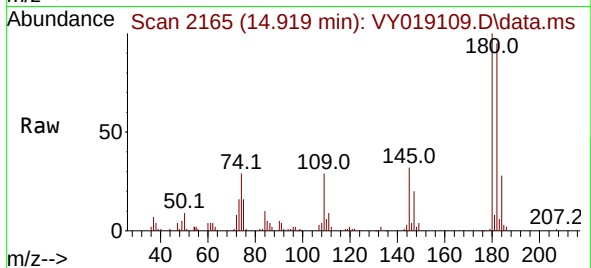
VY0819SBS01

Tgt Ion:	180	Resp:	31370
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.8
145	31.6	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#94

Hexachlorobutadiene

Concen: 20.383 ug/l

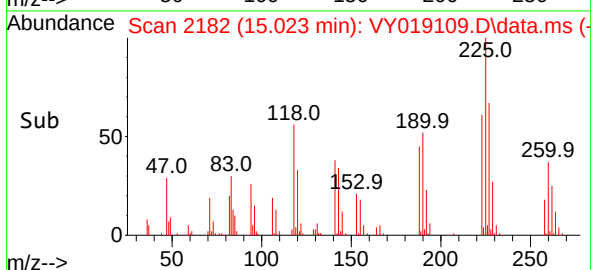
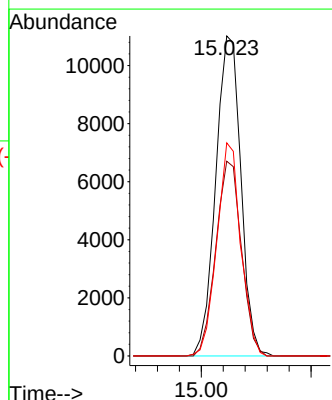
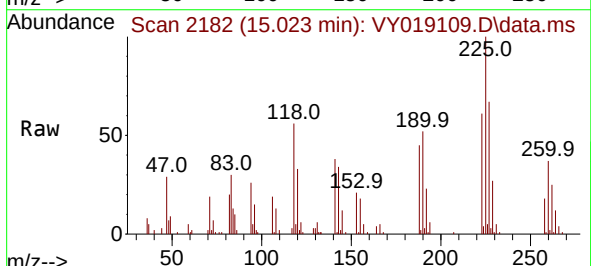
RT: 15.023 min Scan# 2182

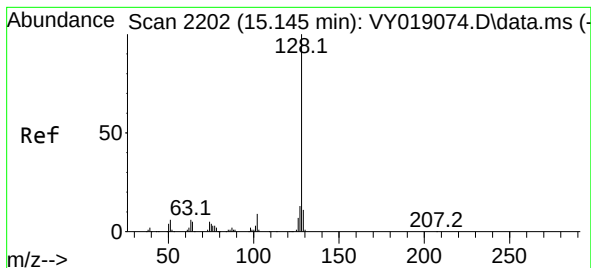
Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:	225	Resp:	17540
Ion Ratio	Lower	Upper	
225	100		
223	61.9	30.4	91.2
227	63.4	31.9	95.9





#95

Naphthalene

Concen: 18.105 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :

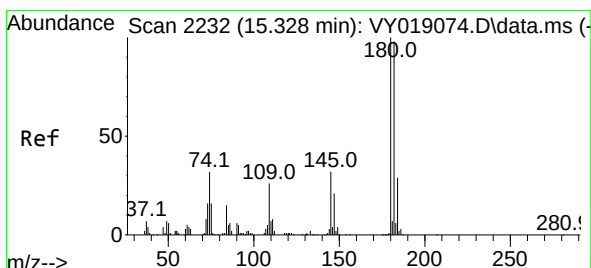
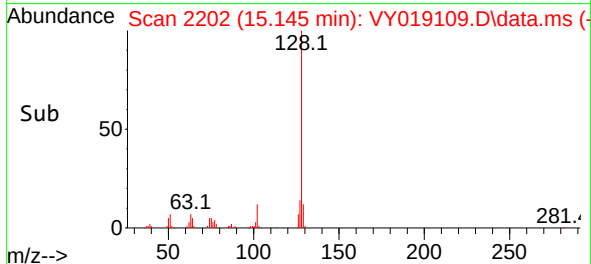
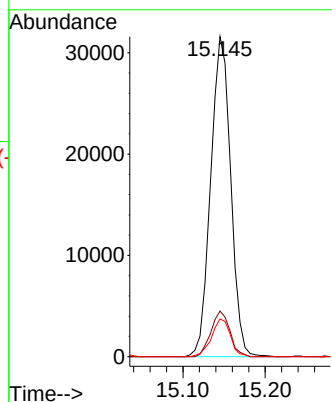
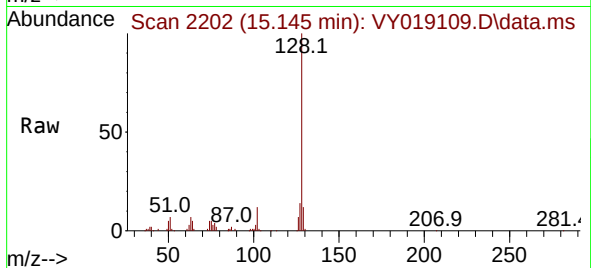
VY0819SBS01

Tgt Ion:128	Resp:	5338
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.6 16.0
129	11.1	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/20/2024
Supervised By :Semsettin Yesilyurt 08/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.917 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019109.D

Acq: 19 Aug 2024 11:55

Tgt Ion:180	Resp:	26358
Ion Ratio	Lower	Upper
180	100	
182	98.0	47.6 142.9
145	33.2	15.4 46.1

