

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019213.D
 Acq On : 22 Aug 2024 12:15
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Quant Time: Aug 23 01:49:48 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	109427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	175354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	154105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	56666	51.659	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.320%			
35) Dibromofluoromethane	7.628	113	59219	51.649	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.300%			
50) Toluene-d8	10.103	98	216548	52.482	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.407	95	74237	52.778	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16131	20.092	ug/l	98
3) Chloromethane	2.068	50	25534	17.645	ug/l	99
4) Vinyl Chloride	2.202	62	32618	18.248	ug/l	99
5) Bromomethane	2.586	94	26910	21.258	ug/l	95
6) Chloroethane	2.726	64	21972	18.074	ug/l	99
7) Trichlorofluoromethane	3.049	101	48491	17.943	ug/l	95
8) Diethyl Ether	3.452	74	11420	19.577	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.799	101	24182	20.128	ug/l	99
10) Methyl Iodide	3.994	142	20026	17.005	ug/l	93
11) Tert butyl alcohol	4.842	59	14024m	130.171	ug/l	
12) 1,1-Dichloroethene	3.781	96	20896	19.144	ug/l	98
13) Acrolein	3.647	56	7805	81.454	ug/l	96
14) Allyl chloride	4.372	41	27512	18.958	ug/l	92
15) Acrylonitrile	5.043	53	24732	103.619	ug/l	96
16) Acetone	3.860	43	21066	103.556	ug/l	98
17) Carbon Disulfide	4.098	76	56650	18.400	ug/l	100
18) Methyl Acetate	4.366	43	12398	19.858	ug/l	94
19) Methyl tert-butyl Ether	5.104	73	52490	19.835	ug/l	98
20) Methylene Chloride	4.604	84	29715	16.712	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	24295	19.922	ug/l	92
22) Diisopropyl ether	6.006	45	63438	19.095	ug/l #	91
23) Vinyl Acetate	5.951	43	254248	96.662	ug/l	99
24) 1,1-Dichloroethane	5.902	63	39451	19.417	ug/l	98
25) 2-Butanone	6.884	43	32364	98.787	ug/l #	87
26) 2,2-Dichloropropane	6.872	77	34067	20.706	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	28365	19.765	ug/l	98
28) Bromochloromethane	7.232	49	16331	19.162	ug/l	95
29) Tetrahydrofuran	7.250	42	20103	95.457	ug/l	93
30) Chloroform	7.408	83	46225	20.418	ug/l	98
31) Cyclohexane	7.695	56	33356	18.568	ug/l	87
32) 1,1,1-Trichloroethane	7.609	97	40669	20.441	ug/l	99
36) 1,1-Dichloropropene	7.823	75	30825	19.578	ug/l	99
37) Ethyl Acetate	6.969	43	14492	20.775	ug/l	98
38) Carbon Tetrachloride	7.811	117	37176	20.375	ug/l	97
39) Methylcyclohexane	9.103	83	38080	18.847	ug/l	92
40) Benzene	8.073	78	96181	19.918	ug/l	99

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 Supervised By :Semsettin Yesilyurt 08/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	7469m	19.617	ug/l	
42) 1,2-Dichloroethane	8.152	62	24657	18.909	ug/l	98
43) Isopropyl Acetate	8.189	43	27124	19.227	ug/l #	83
44) Trichloroethene	8.859	130	27173	20.168	ug/l	95
45) 1,2-Dichloropropane	9.134	63	21643	20.117	ug/l	98
46) Dibromomethane	9.225	93	14356	20.573	ug/l	97
47) Bromodichloromethane	9.420	83	34873	20.370	ug/l	99
48) Methyl methacrylate	9.219	41	11777	18.732	ug/l #	91
49) 1,4-Dioxane	9.219	88	3436	406.491	ug/l #	90
51) 4-Methyl-2-Pentanone	9.999	43	72771	97.189	ug/l	93
52) Toluene	10.170	92	64289	20.282	ug/l	98
53) t-1,3-Dichloropropene	10.389	75	28939	20.378	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	34589	20.252	ug/l	93
55) 1,1,2-Trichloroethane	10.572	97	19244	21.423	ug/l	98
56) Ethyl methacrylate	10.438	69	22432	19.078	ug/l #	86
57) 1,3-Dichloropropane	10.719	76	29547	20.177	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	53309	95.572	ug/l	96
59) 2-Hexanone	10.761	43	51155	99.444	ug/l	92
60) Dibromochloromethane	10.908	129	24500	20.025	ug/l	99
61) 1,2-Dibromoethane	11.011	107	17301	19.927	ug/l	98
64) Tetrachloroethene	10.646	164	27398	20.340	ug/l	95
65) Chlorobenzene	11.444	112	70144	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	24878	19.936	ug/l	99
67) Ethyl Benzene	11.517	91	120295	19.532	ug/l	97
68) m/p-Xylenes	11.627	106	94748	38.771	ug/l	99
69) o-Xylene	11.956	106	44214	19.537	ug/l	98
70) Styrene	11.968	104	76515	19.827	ug/l	99
71) Bromoform	12.133	173	14136	19.817	ug/l #	98
73) Isopropylbenzene	12.255	105	113177	19.388	ug/l	100
74) N-amyl acetate	12.072	43	23517	18.475	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	20245	19.480	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	15505m	20.643	ug/l	
77) Bromobenzene	12.529	156	27477	19.599	ug/l	97
78) n-propylbenzene	12.596	91	137741	19.738	ug/l	98
79) 2-Chlorotoluene	12.682	91	76468	19.545	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	95309	20.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5628	18.505	ug/l #	82
82) 4-Chlorotoluene	12.779	91	79304	19.483	ug/l	98
83) tert-Butylbenzene	12.999	119	85373	19.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	92075	19.427	ug/l	99
85) sec-Butylbenzene	13.176	105	126386	19.748	ug/l	98
86) p-Isopropyltoluene	13.291	119	103590	19.706	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	54891	19.854	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	52739	19.190	ug/l	97
89) n-Butylbenzene	13.621	91	94818	19.784	ug/l	99
90) Hexachloroethane	13.883	117	21094	20.358	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	48031	19.753	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2832	18.524	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	24692	18.006	ug/l	99
94) Hexachlorobutadiene	15.029	225	14746	20.645	ug/l	97
95) Naphthalene	15.151	128	41854	17.102	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	20882	18.055	ug/l	98

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VY0822SBS01

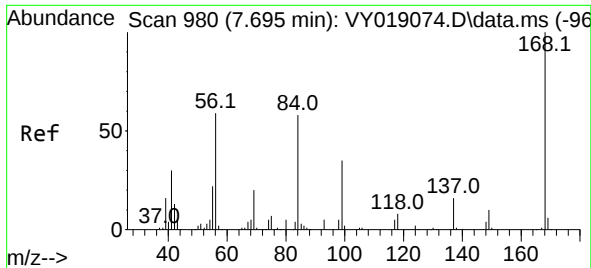
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/23/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

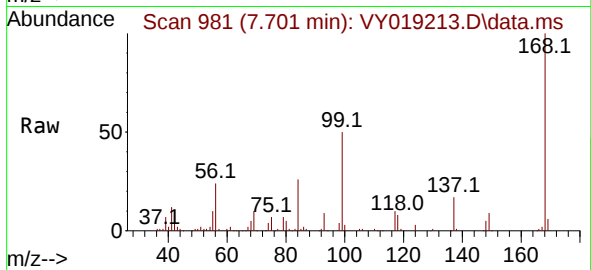
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019213.D
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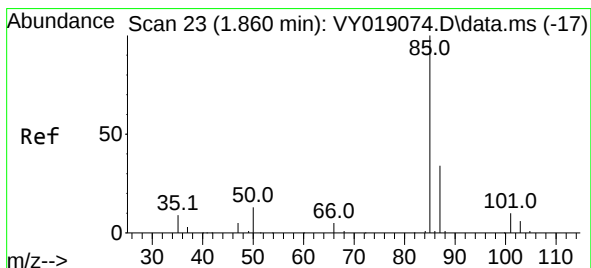
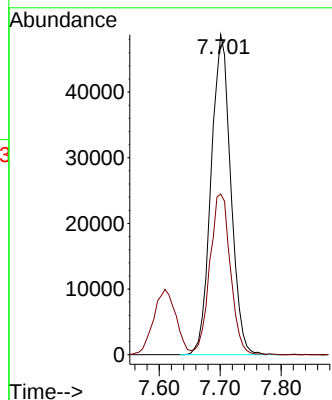
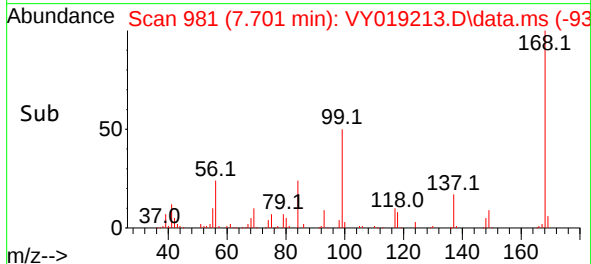
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion:168 Resp: 10942
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7

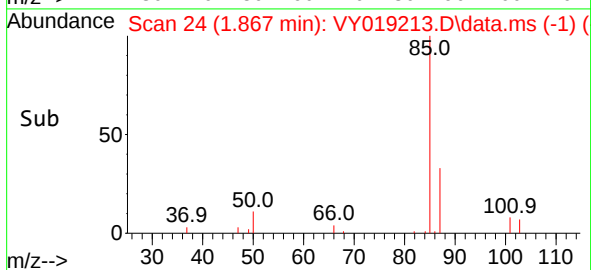
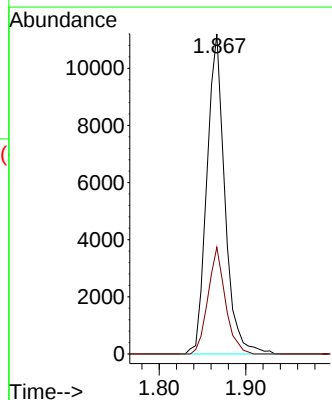
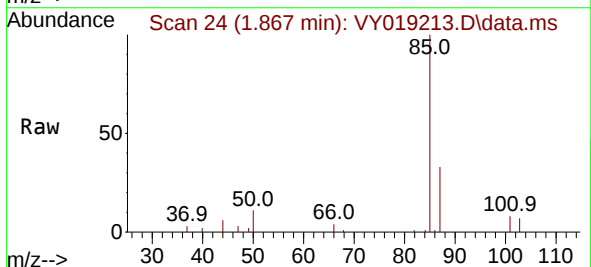
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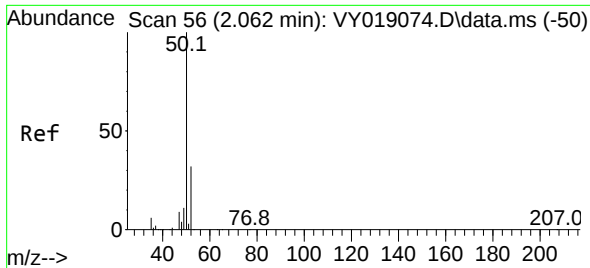
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#2
Dichlorodifluoromethane
Concen: 20.092 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

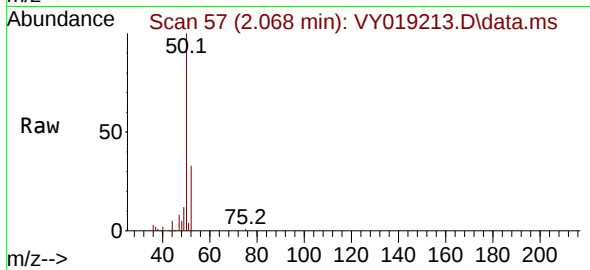
Tgt Ion: 85 Resp: 16131
Ion Ratio Lower Upper
85 100
87 33.4 16.0 48.0





#3
Chloromethane
Concen: 17.645 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

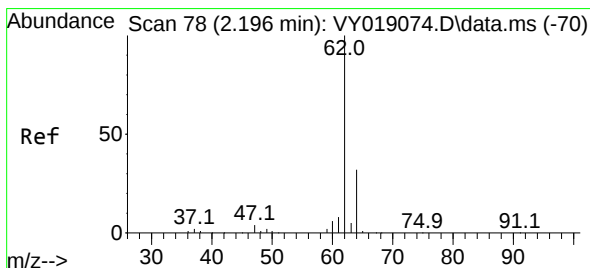
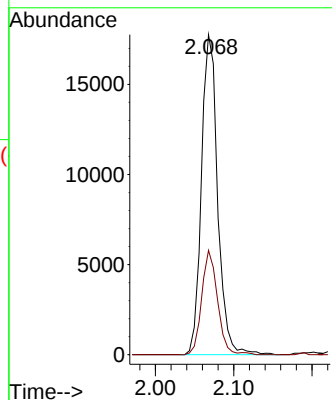
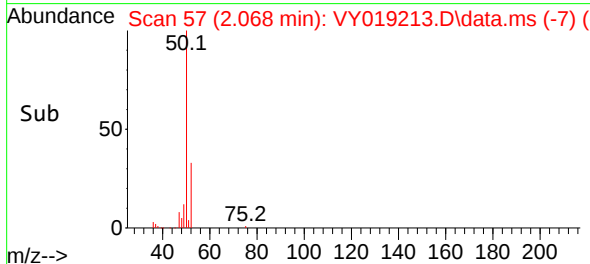
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 25534
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4

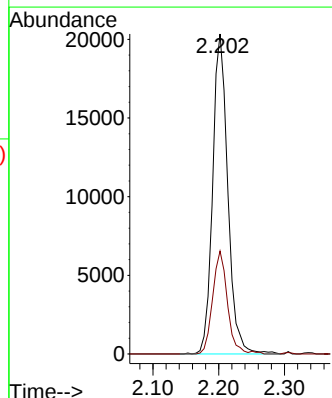
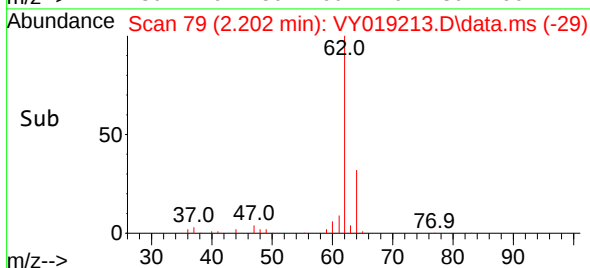
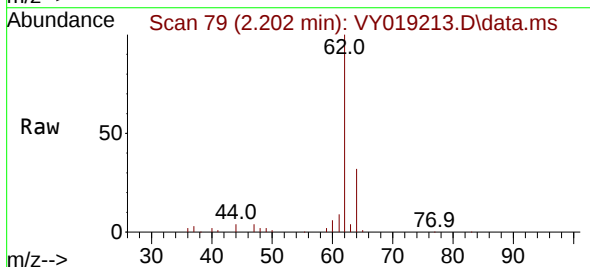
Manual Integrations
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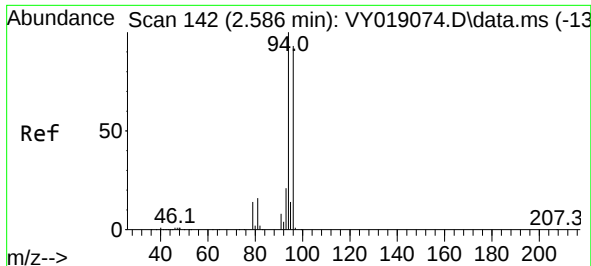
Reviewed By :Mahesh Dadoda 08/23/2024
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#4
Vinyl Chloride
Concen: 18.248 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

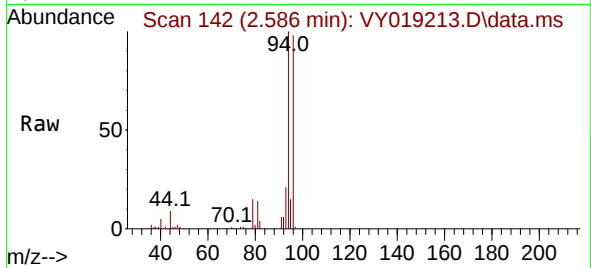
Tgt Ion: 62 Resp: 32618
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1





#5
Bromomethane
Concen: 21.258 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

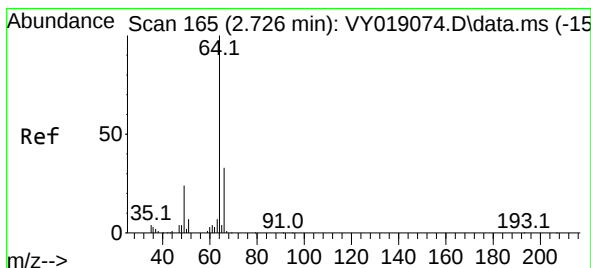
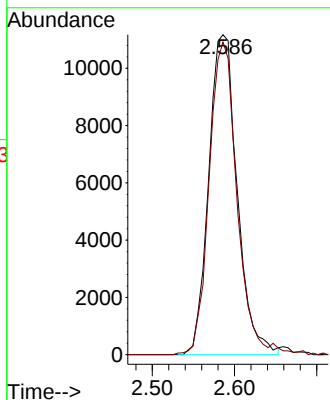
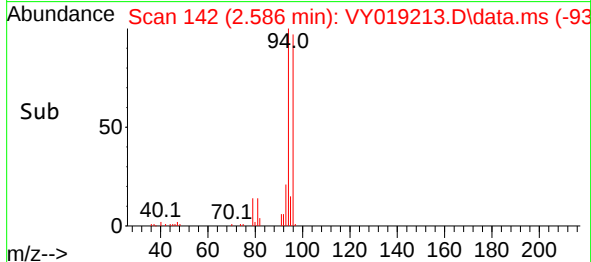
Instrument :
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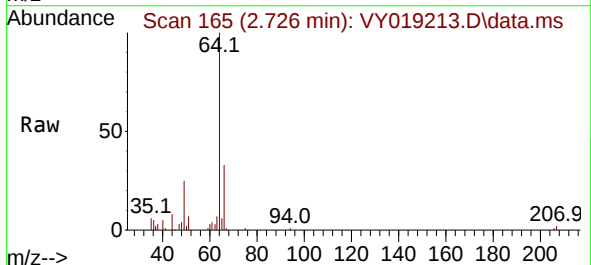
Tgt Ion: 94 Resp: 26910
Ion Ratio Lower Upper
94 100
96 97.2 74.1 111.1

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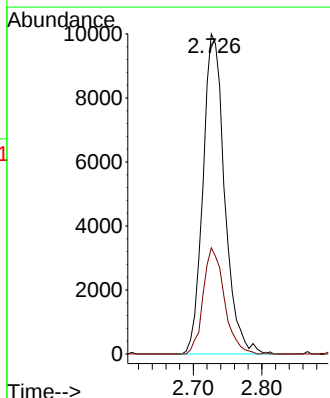
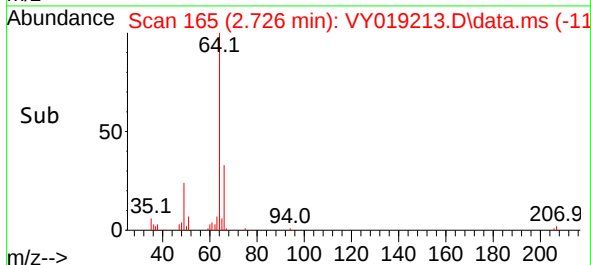
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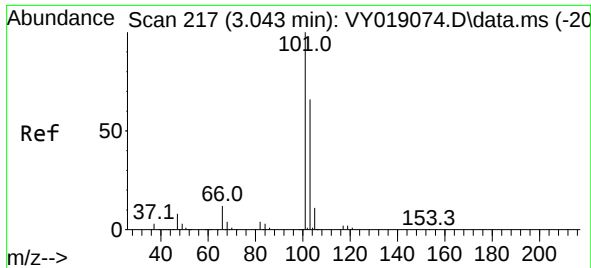


#6
Chloroethane
Concen: 18.074 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



Tgt Ion: 64 Resp: 21972
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1





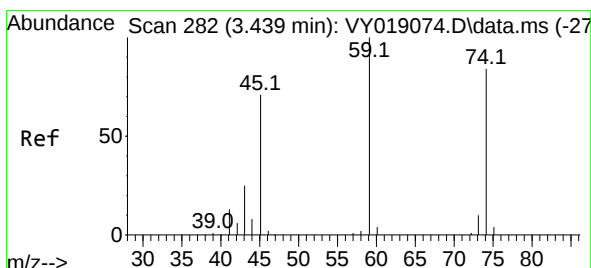
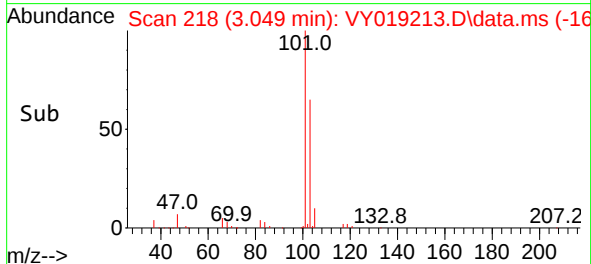
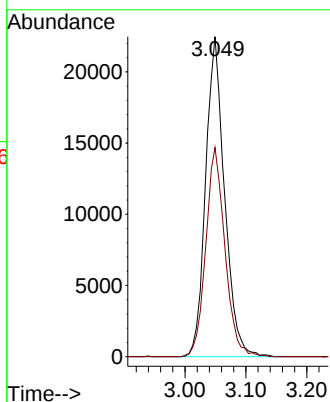
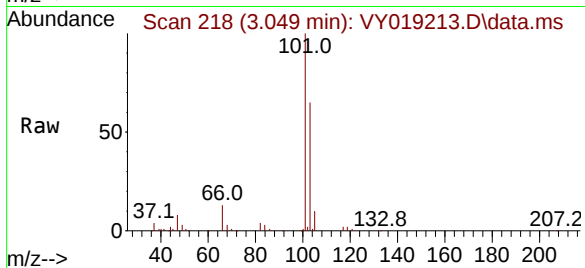
#7
 Trichlorofluoromethane
 Concen: 17.943 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 4849
 Ion Ratio Lower Upper
 101 100
 103 65.3 49.3 73.9

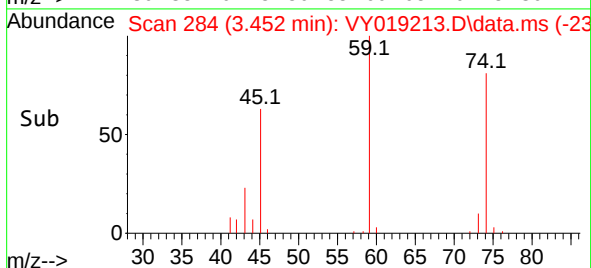
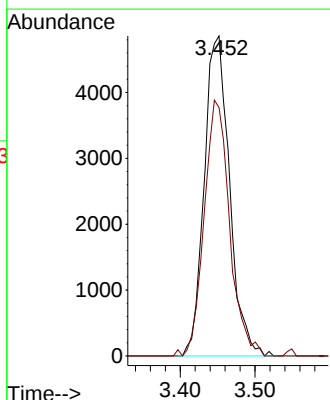
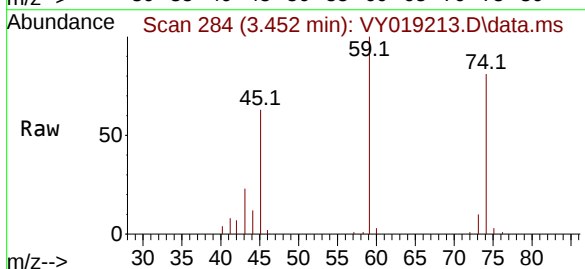
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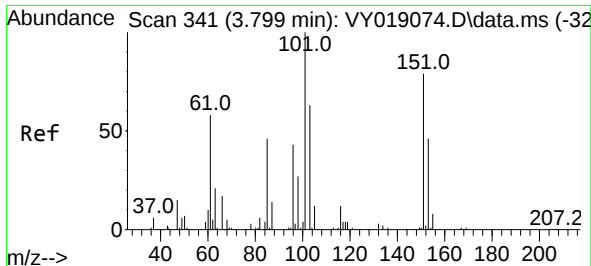
Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024



#8
 Diethyl Ether
 Concen: 19.577 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY019213.D
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Tgt Ion: 74 Resp: 11420
 Ion Ratio Lower Upper
 74 100
 45 80.5 41.3 124.1





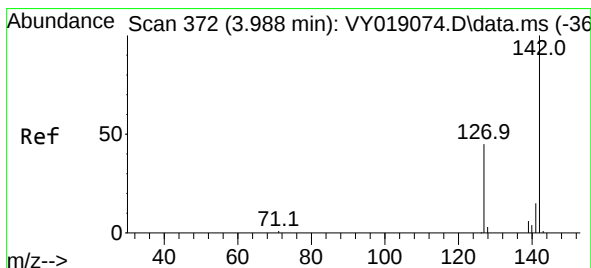
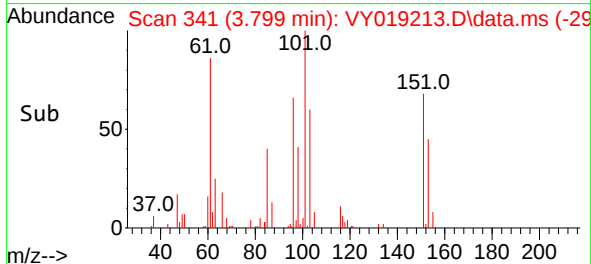
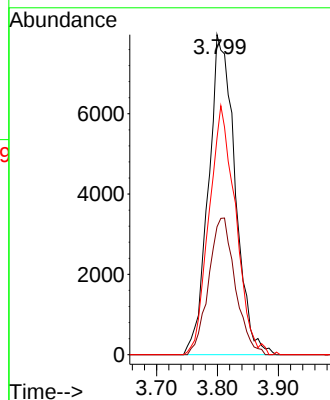
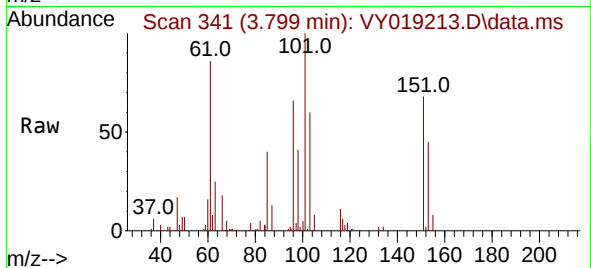
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.128 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:101 Resp: 2418
Ion Ratio Lower Upper
101 100
85 42.7 34.5 51.7
151 77.8 61.7 92.5

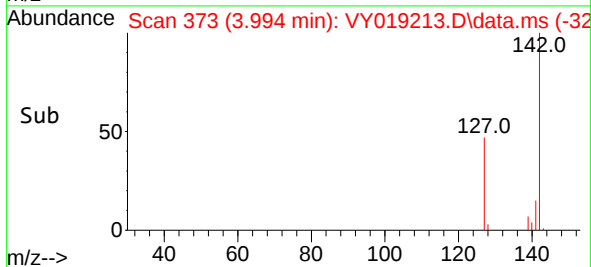
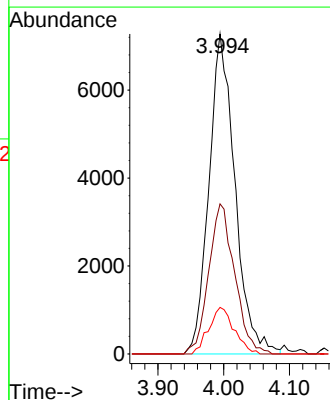
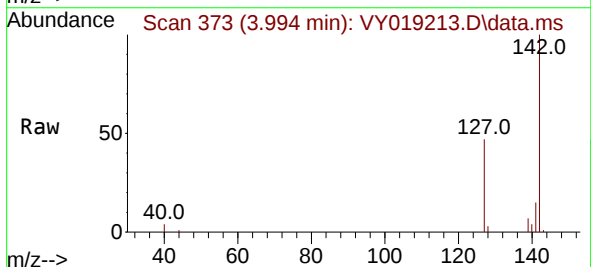
Manual Integrations
APPROVED

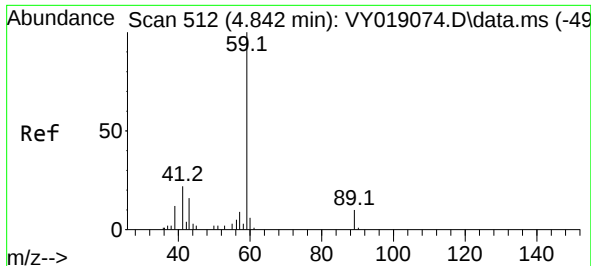
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#10
Methyl Iodide
Concen: 17.005 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

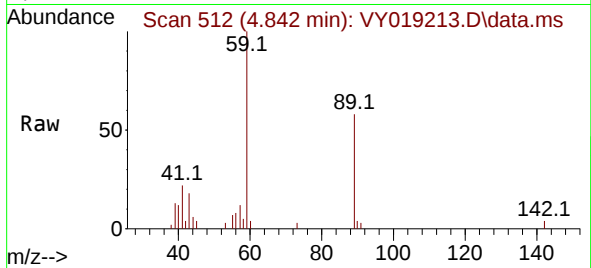
Tgt Ion:142 Resp: 20026
Ion Ratio Lower Upper
142 100
127 46.8 32.8 49.2
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 130.171 ug/l m
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

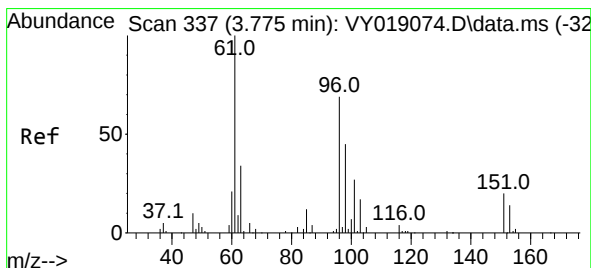
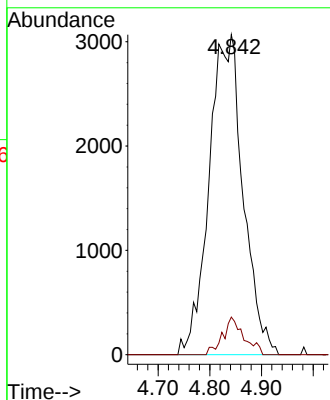
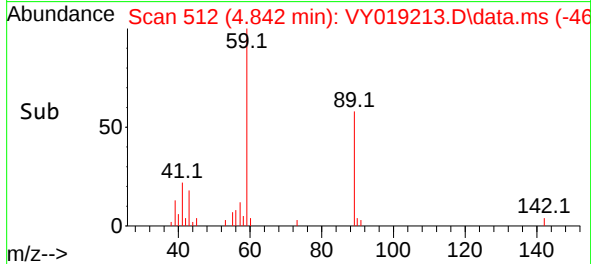
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



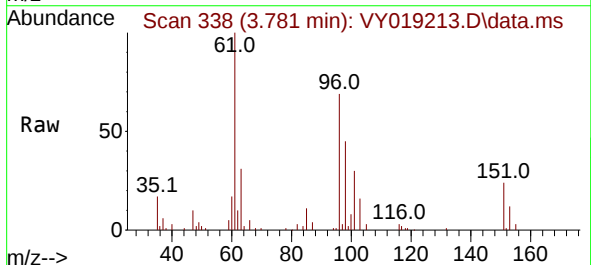
Tgt Ion: 59 Resp: 14024
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

Manual Integrations
APPROVED

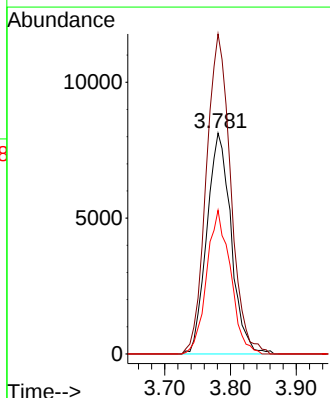
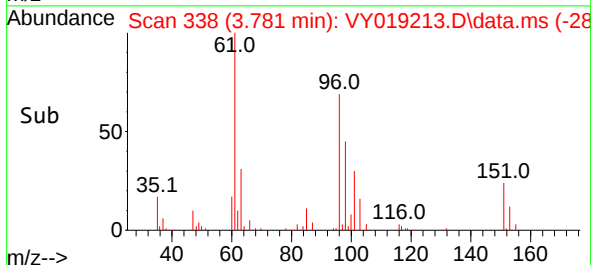
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

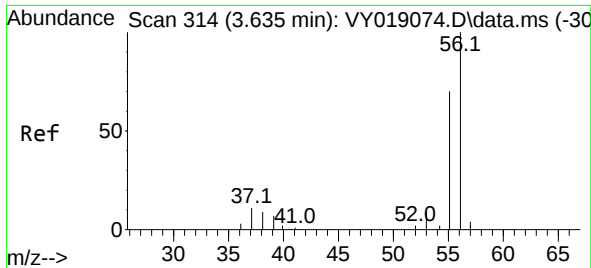


#12
1,1-Dichloroethene
Concen: 19.144 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



Tgt Ion: 96 Resp: 20896
Ion Ratio Lower Upper
96 100
61 144.9 114.6 171.8
98 65.1 50.8 76.2





#13

Acrolein

Concen: 81.454 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion: 56 Resp: 780

Ion Ratio Lower Upper

56 100

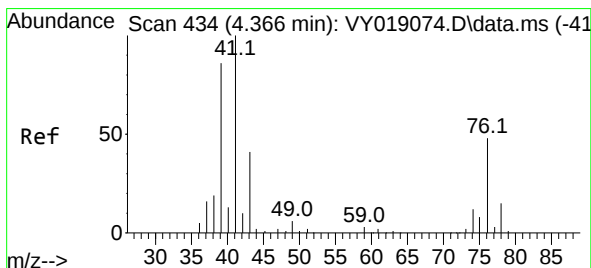
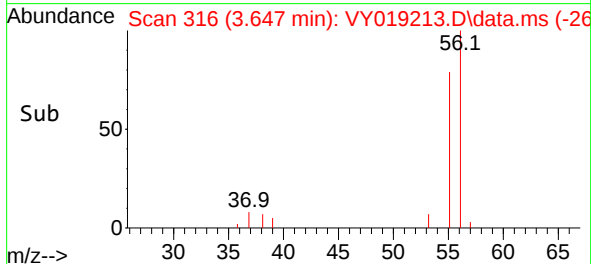
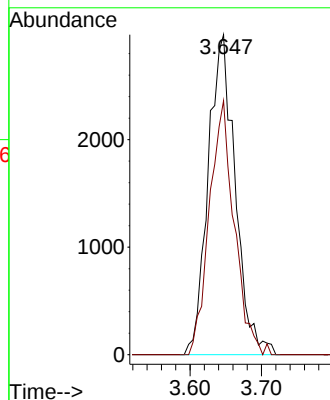
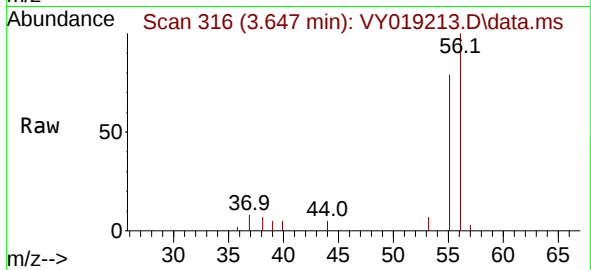
55 73.1 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#14

Allyl chloride

Concen: 18.958 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

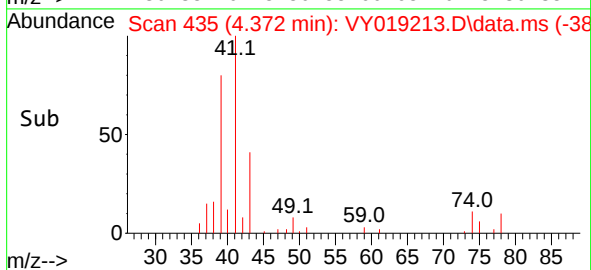
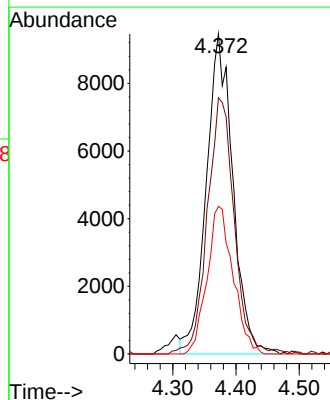
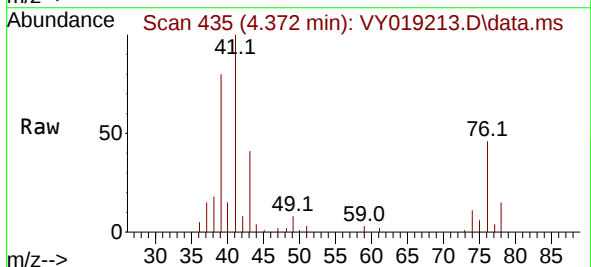
Tgt Ion: 41 Resp: 27512

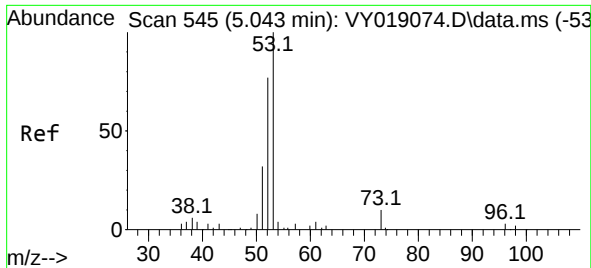
Ion Ratio Lower Upper

41 100

39 80.6 58.3 87.5

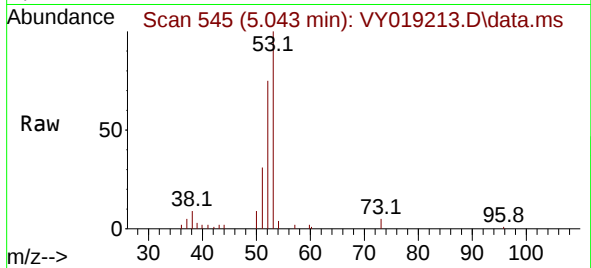
76 45.3 39.0 58.6





#15
Acrylonitrile
Concen: 103.619 ug/l
RT: 5.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

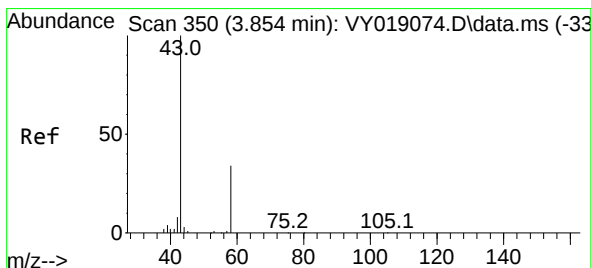
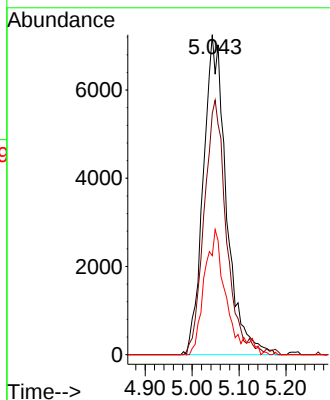
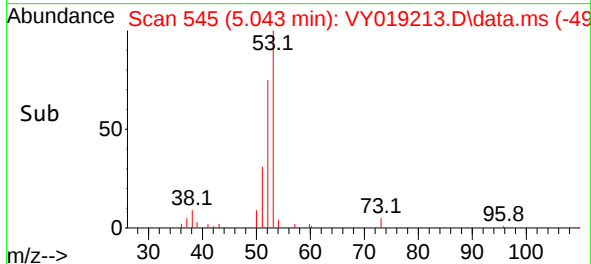
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 53 Resp: 24732
Ion Ratio Lower Upper
53 100
52 76.5 64.7 97.1
51 36.9 28.4 42.6

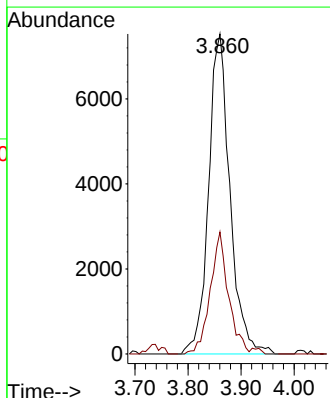
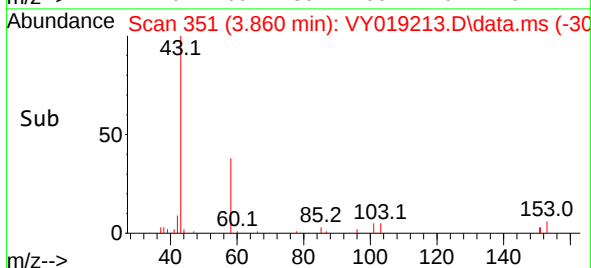
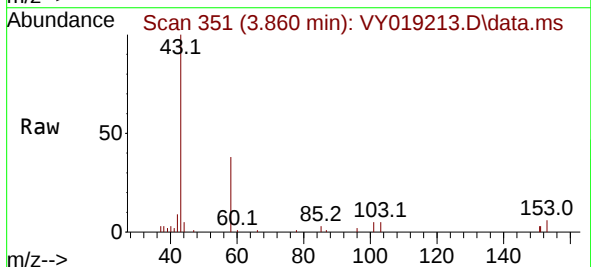
Manual Integrations
APPROVED

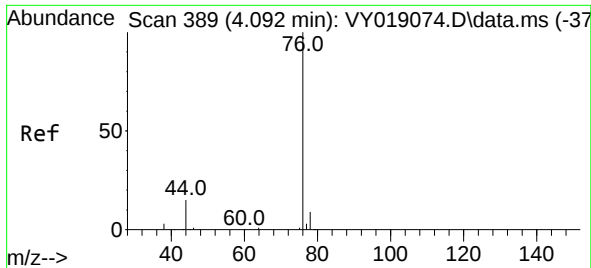
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#16
Acetone
Concen: 103.556 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 43 Resp: 21066
Ion Ratio Lower Upper
43 100
58 38.1 31.7 47.5





#17

Carbon Disulfide

Concen: 18.400 ug/l

RT: 4.098 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

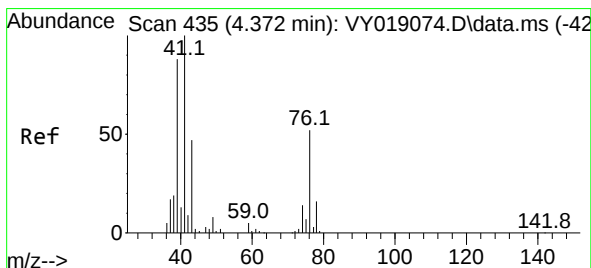
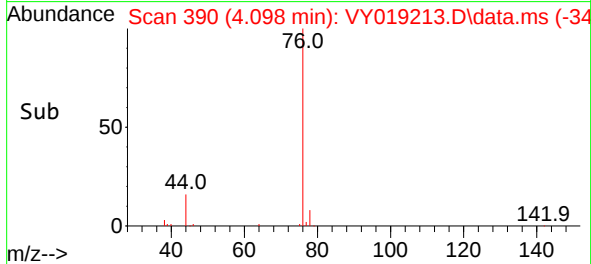
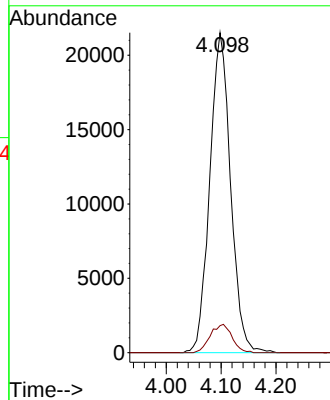
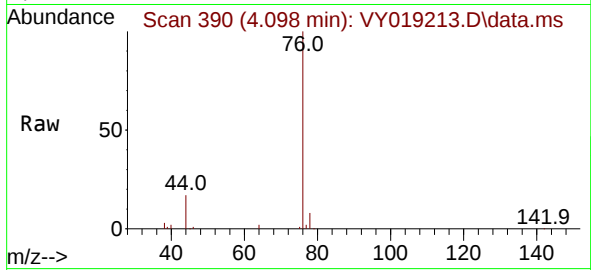
VY0822SBS01

Tgt Ion: 76 Resp: 56650
 Ion Ratio Lower Upper
 76 100
 78 8.4 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024



#18

Methyl Acetate

Concen: 19.858 ug/l

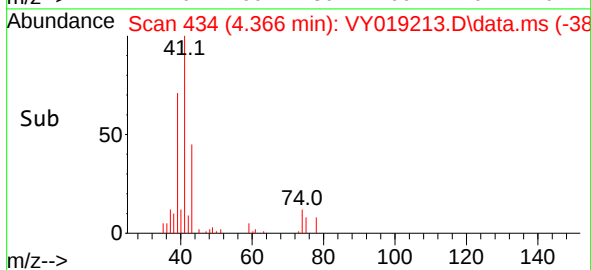
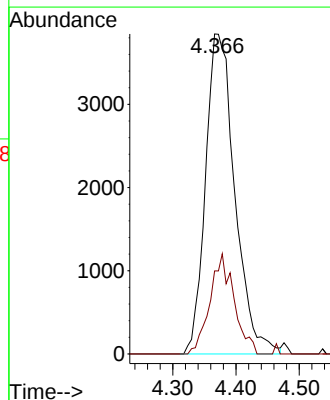
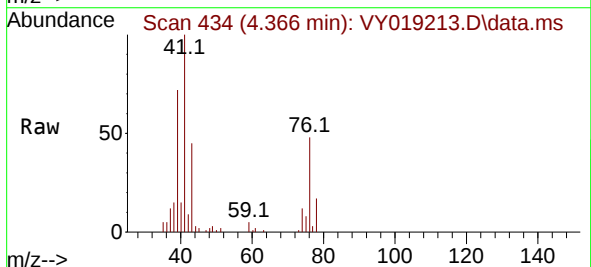
RT: 4.366 min Scan# 434

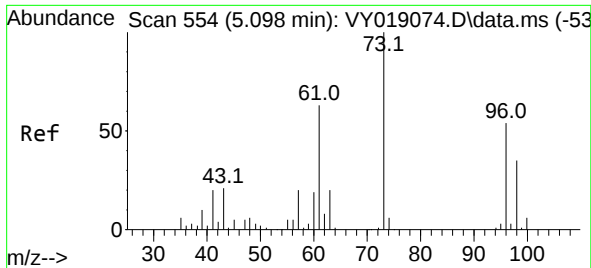
Delta R.T. -0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 43 Resp: 12398
 Ion Ratio Lower Upper
 43 100
 74 25.8 23.3 34.9





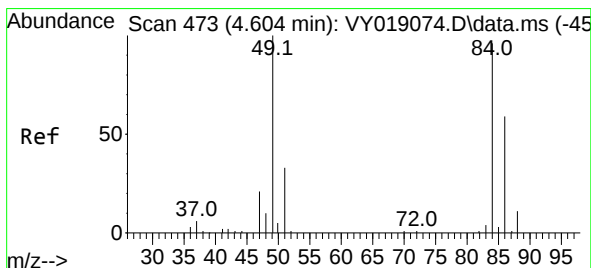
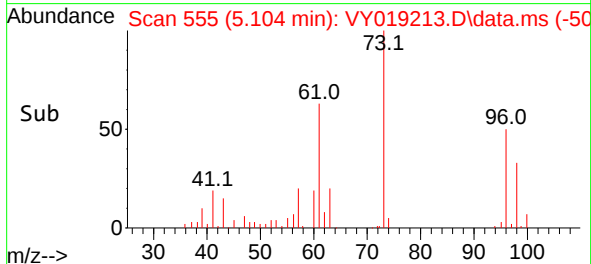
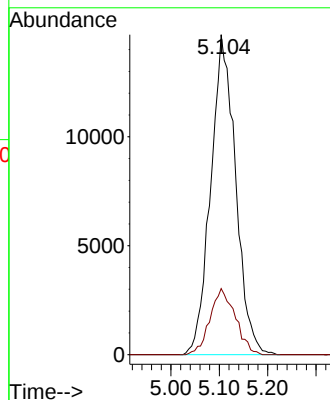
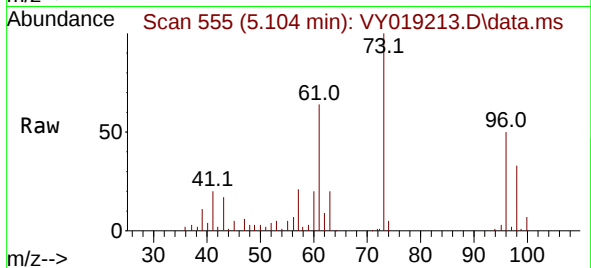
#19
Methyl tert-butyl Ether
Concen: 19.835 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 73 Resp: 52490
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

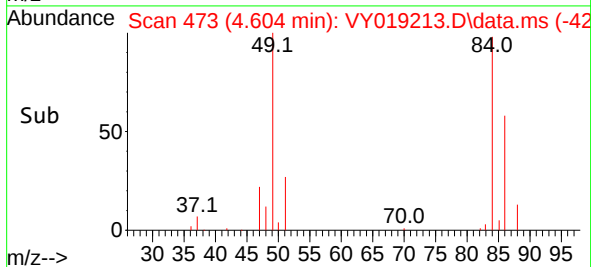
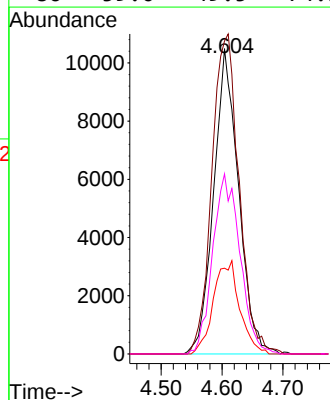
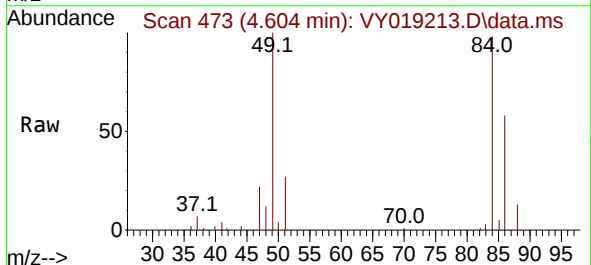
Manual Integrations
APPROVED

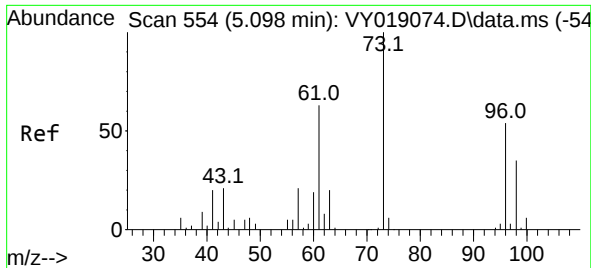
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#20
Methylene Chloride
Concen: 16.712 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

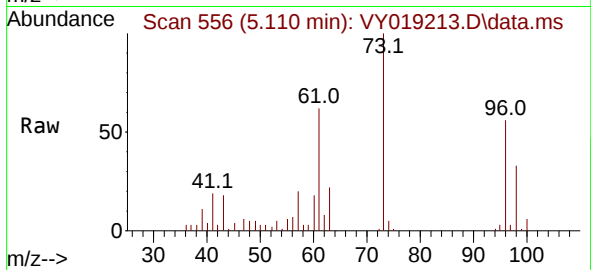
Tgt Ion: 84 Resp: 29715
Ion Ratio Lower Upper
84 100
49 102.6 84.4 126.6
51 28.1 26.0 39.0
86 59.0 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 19.922 ug/l
RT: 5.110 min Scan# 510
Delta R.T. 0.012 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

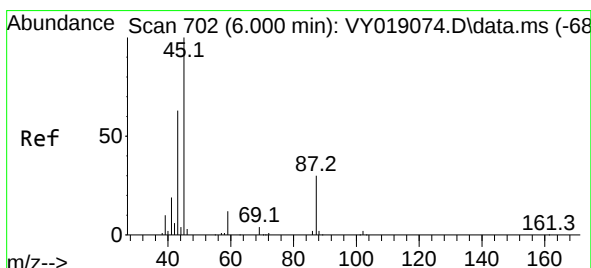
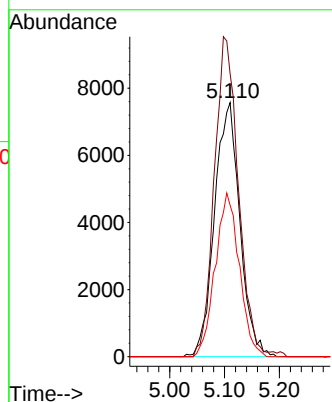
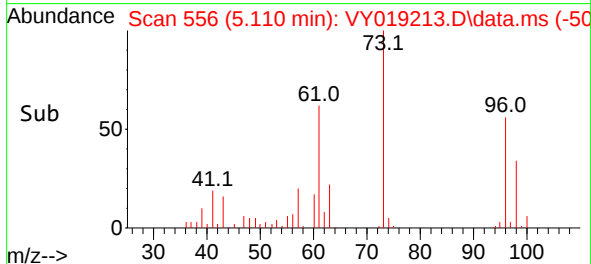
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 96 Resp: 2429
Ion Ratio Lower Upper
96 100
61 111.4 97.5 146.3
98 59.6 50.5 75.7

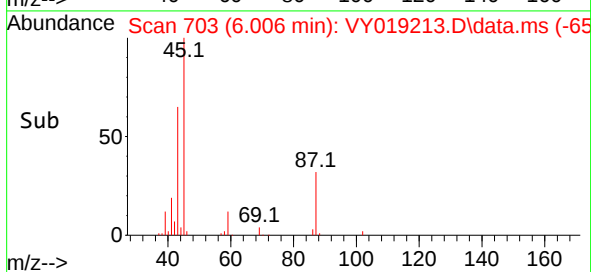
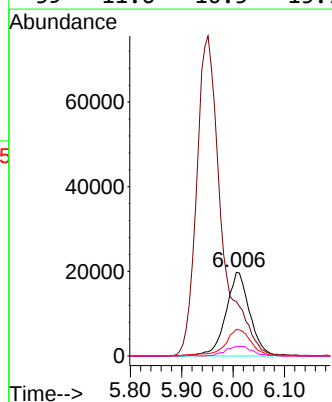
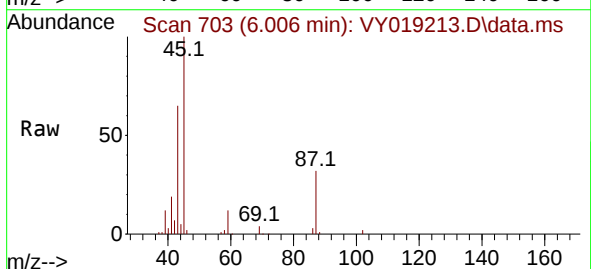
Manual Integrations
APPROVED

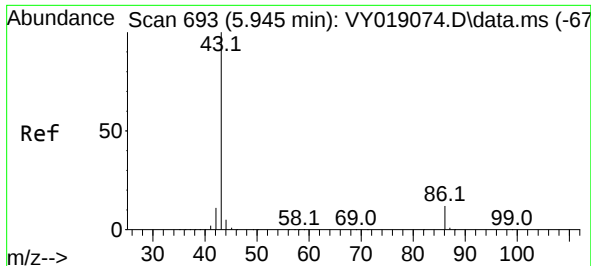
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#22
Diisopropyl ether
Concen: 19.095 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

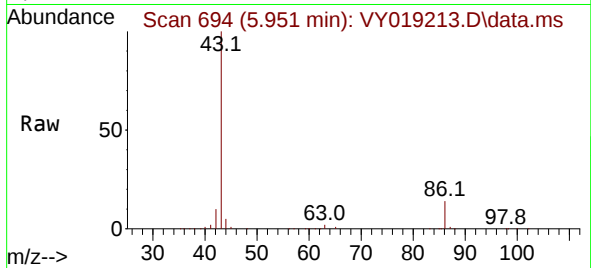
Tgt Ion: 45 Resp: 63438
Ion Ratio Lower Upper
45 100
43 64.1 42.2 63.2#
87 31.4 25.0 37.6
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 96.662 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

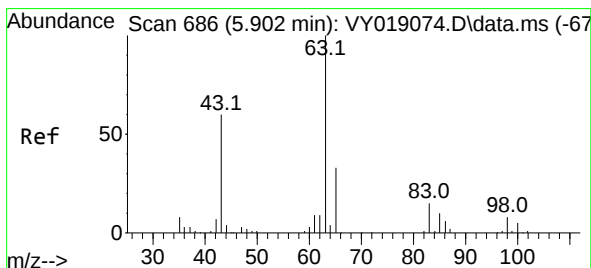
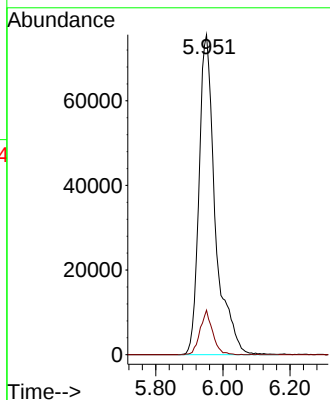
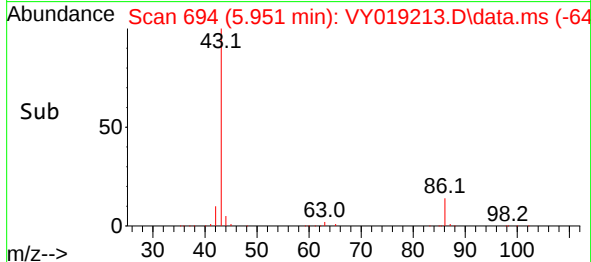
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01



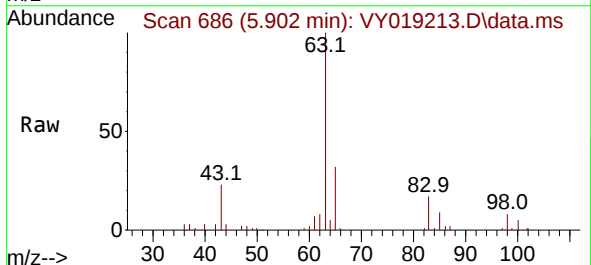
Tgt Ion: 43 Resp: 254248
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 16.0

Manual Integrations
 APPROVED

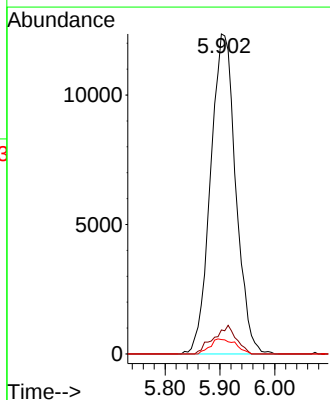
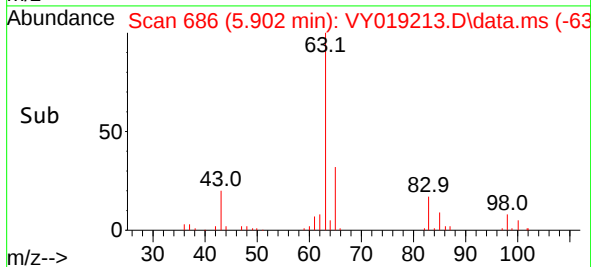
Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

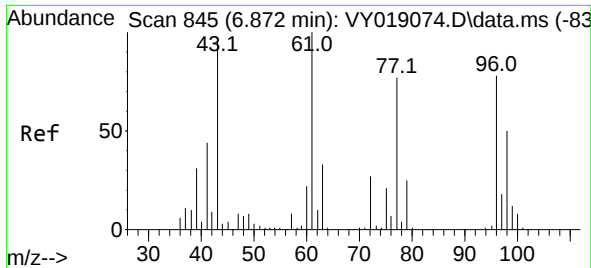


#24
 1,1-Dichloroethane
 Concen: 19.417 ug/l
 RT: 5.902 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15



Tgt Ion: 63 Resp: 39451
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.5 2.6 8.0





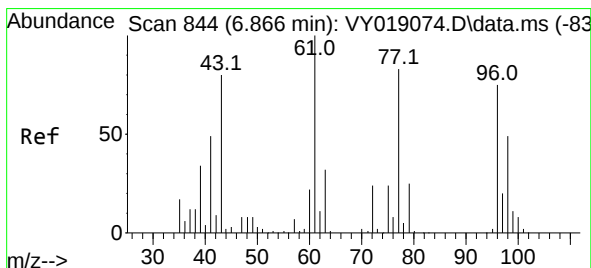
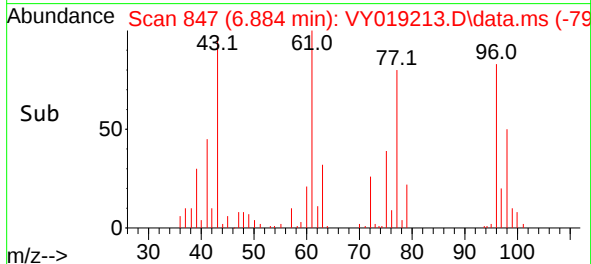
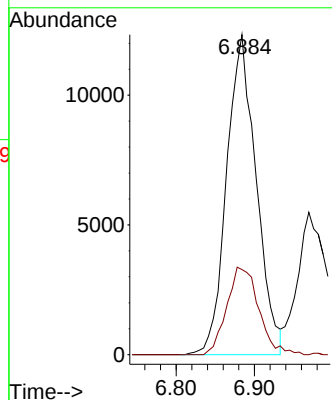
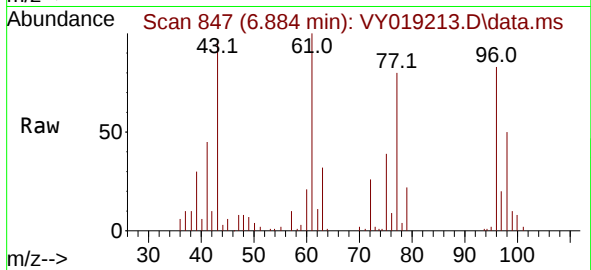
#25
2-Butanone
Concen: 98.787 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 43 Resp: 32364
Ion Ratio Lower Upper
43 100
72 26.6 27.3 40.9

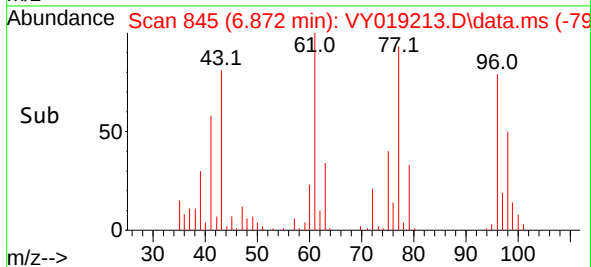
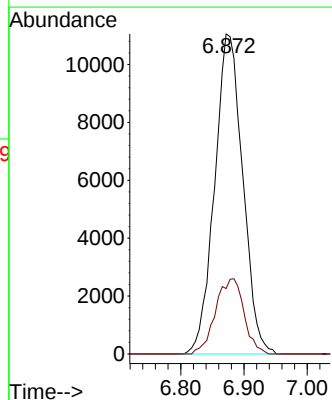
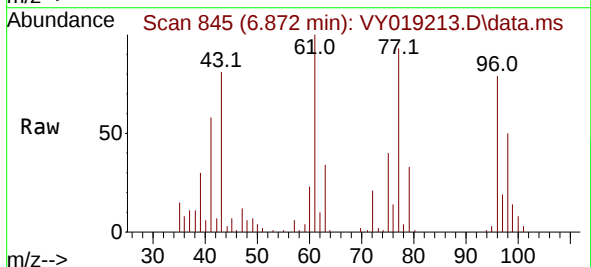
Manual Integrations
APPROVED

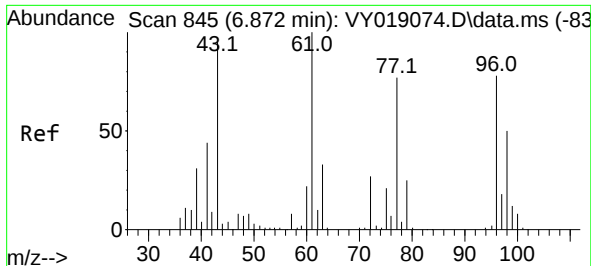
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#26
2,2-Dichloropropane
Concen: 20.706 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 77 Resp: 34067
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.765 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion: 96 Resp: 2836

Ion Ratio Lower Upper

96 100

61 131.8 0.0 256.2

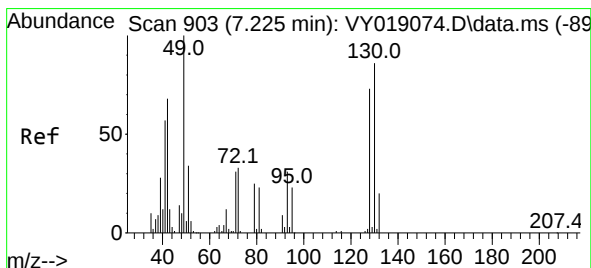
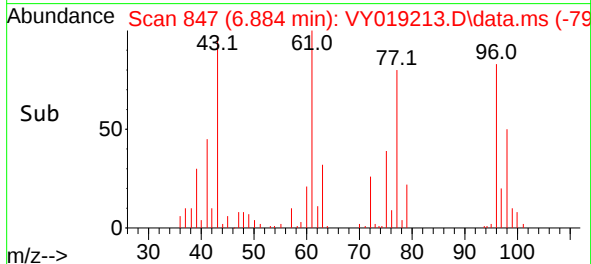
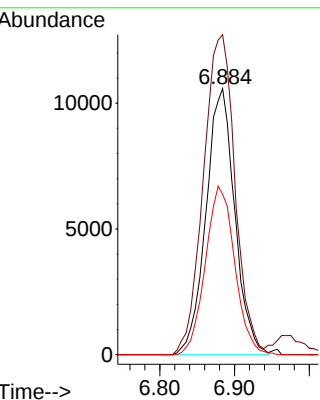
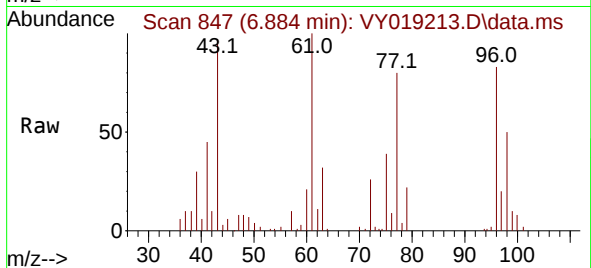
98 64.5 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#28

Bromochloromethane

Concen: 19.162 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

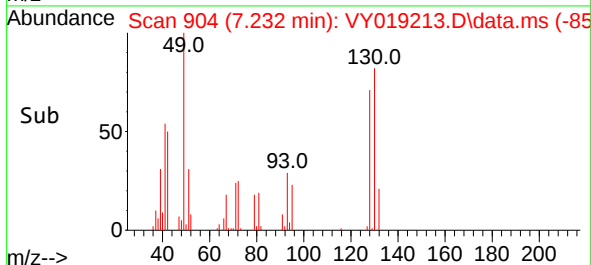
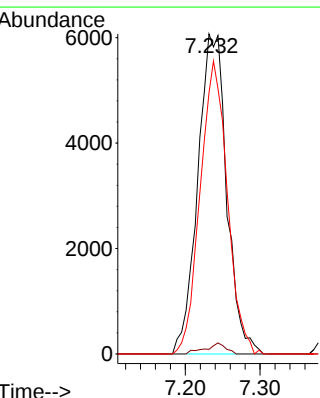
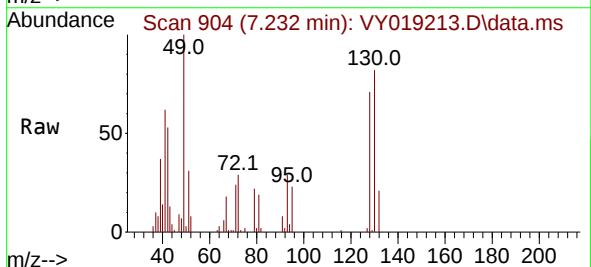
Tgt Ion: 49 Resp: 16331

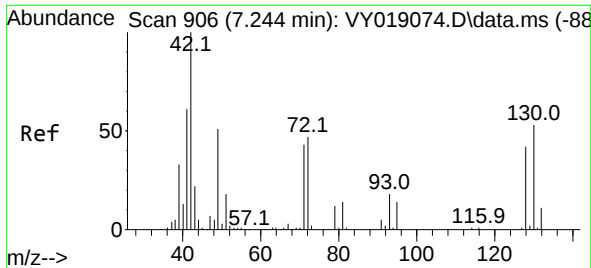
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

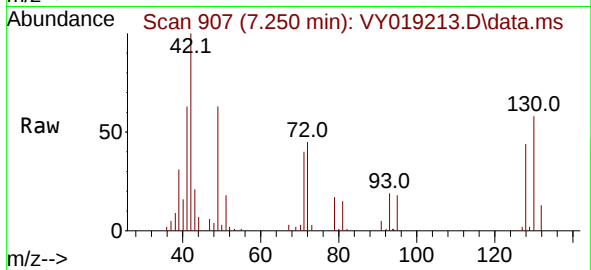
130 86.0 72.7 109.1





#29
Tetrahydrofuran
Concen: 95.457 ug/l
RT: 7.250 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

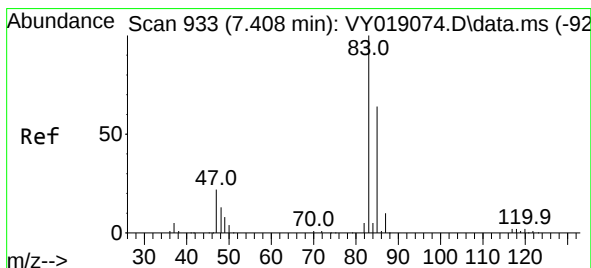
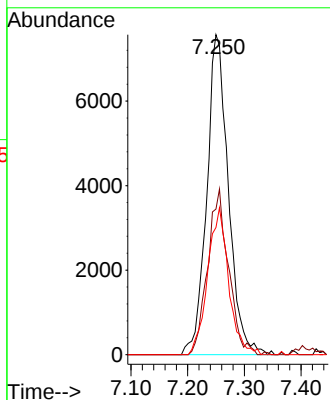
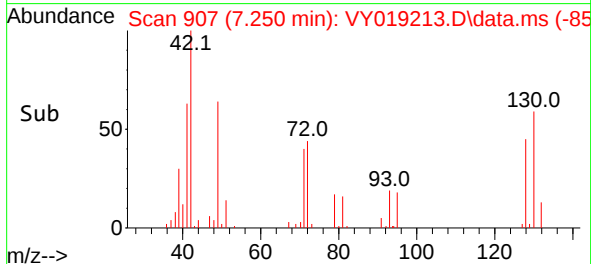
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



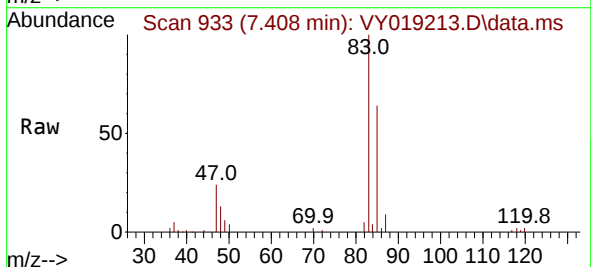
Tgt Ion: 42 Resp: 2010
Ion Ratio Lower Upper
42 100
72 49.8 43.0 64.4
71 44.5 40.8 61.2

Manual Integrations
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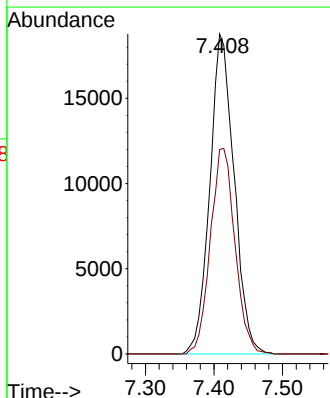
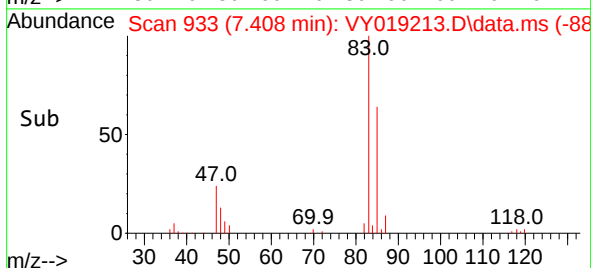
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

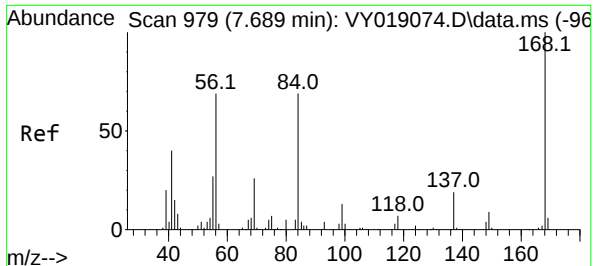


#30
Chloroform
Concen: 20.418 ug/l
RT: 7.408 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



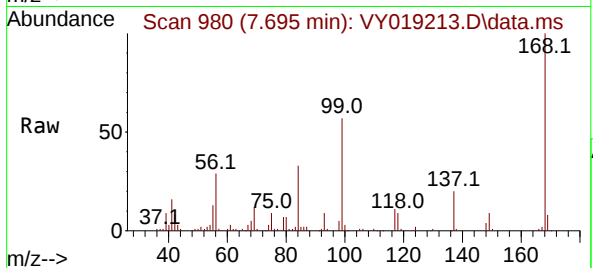
Tgt Ion: 83 Resp: 46225
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4





#31
Cyclohexane
Concen: 18.568 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

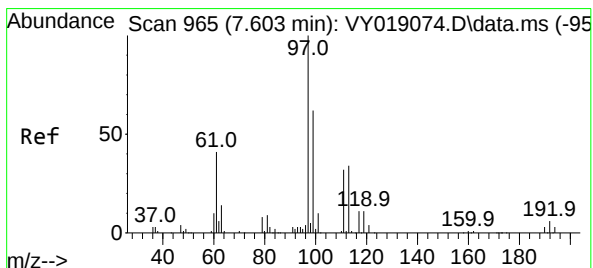
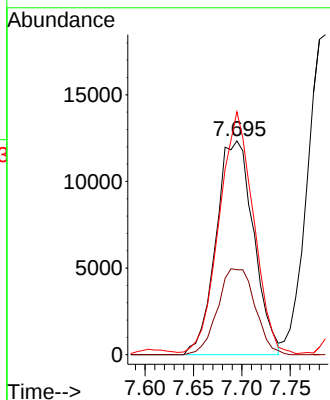
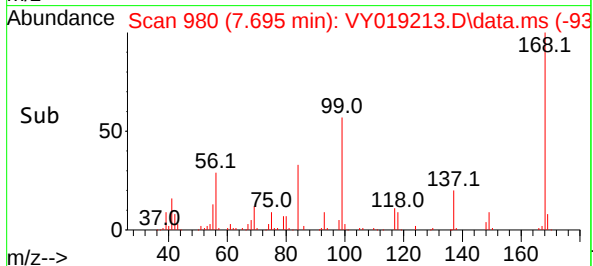
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 56 Resp: 3335
Ion Ratio Lower Upper
56 100
69 39.7 28.7 43.1
84 112.6 77.7 116.5

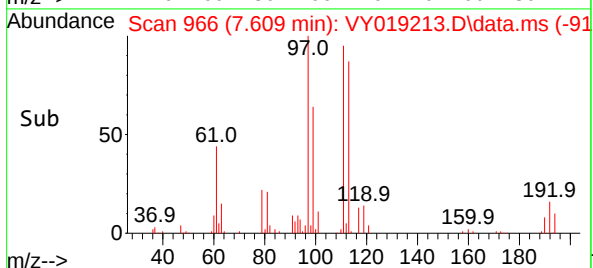
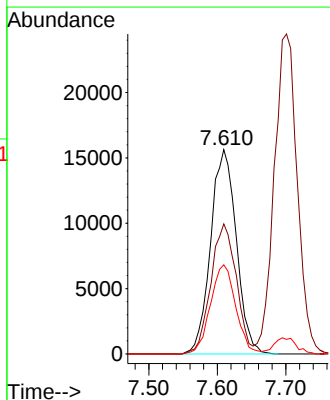
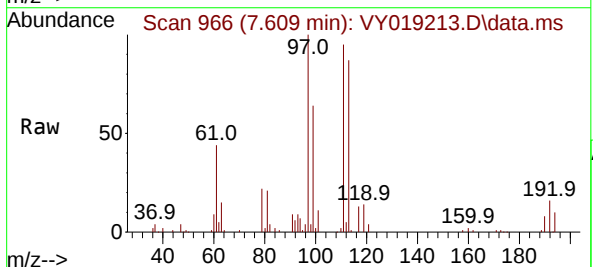
Manual Integrations
APPROVED

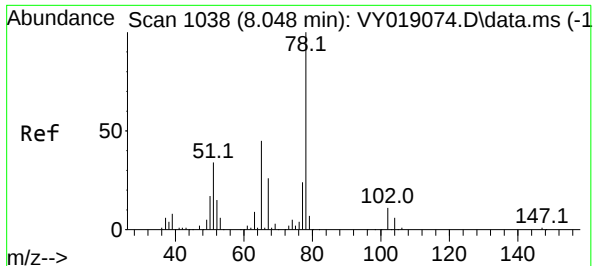
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#32
1,1,1-Trichloroethane
Concen: 20.441 ug/l
RT: 7.609 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 97 Resp: 40669
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 42.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.659 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion: 65 Resp: 5666

Ion Ratio Lower Upper

65 100

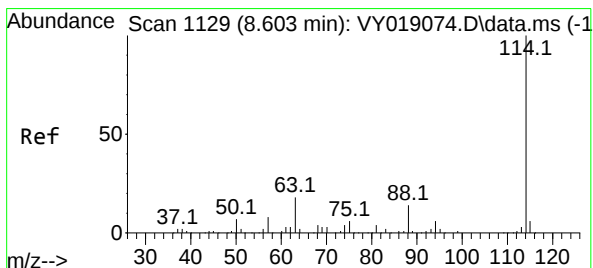
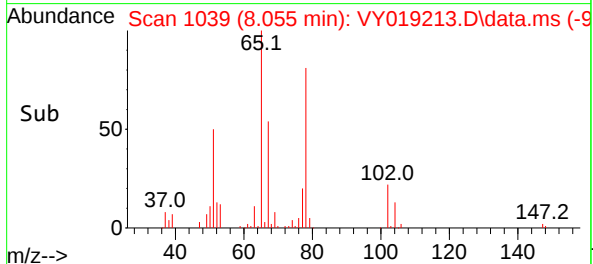
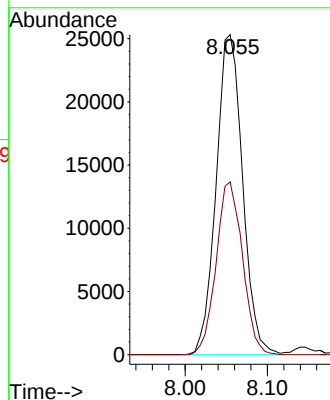
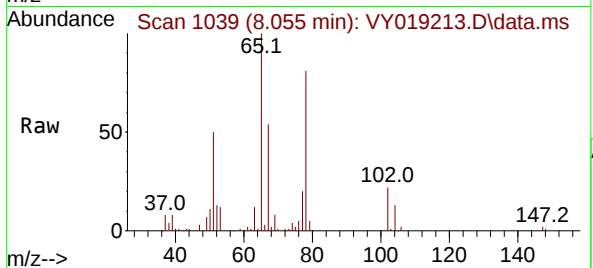
67 53.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

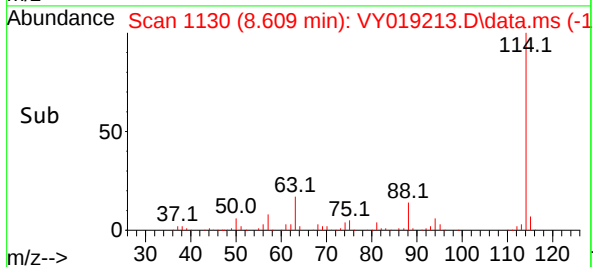
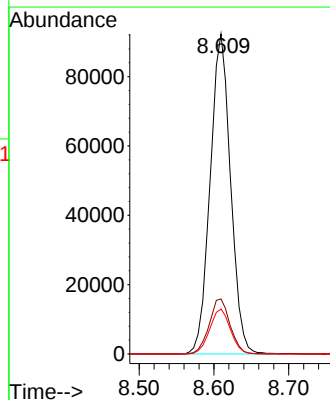
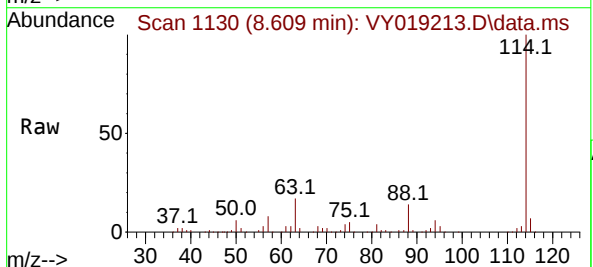
Tgt Ion:114 Resp: 175354

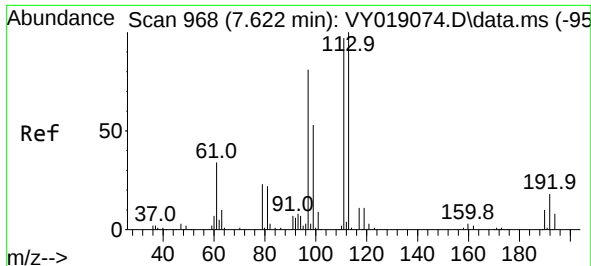
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

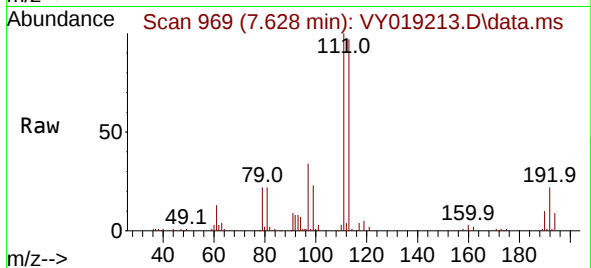
88 14.1 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.649 ug/l
RT: 7.628 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

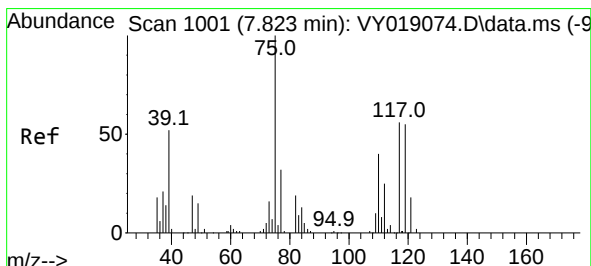
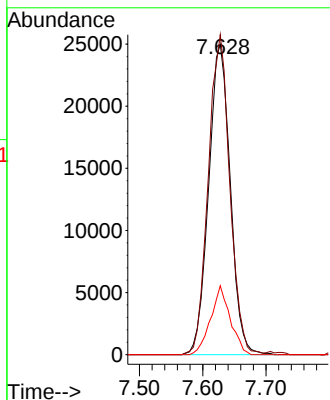
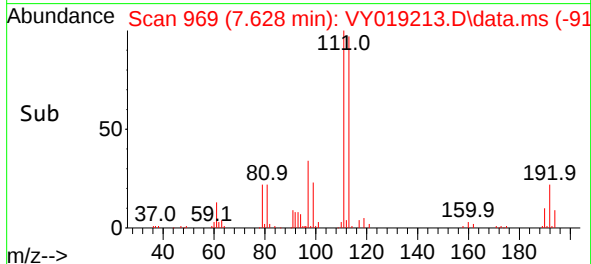
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion:113 Resp: 59219
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.2 15.9 23.9

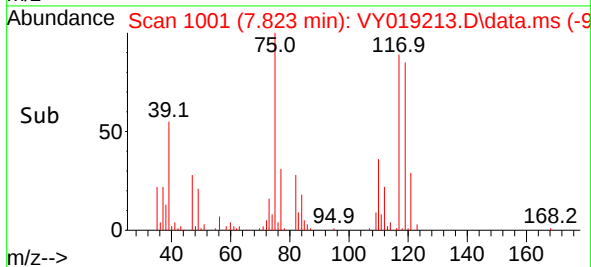
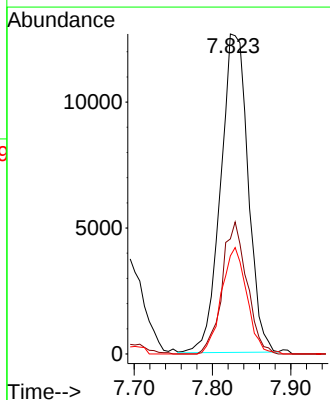
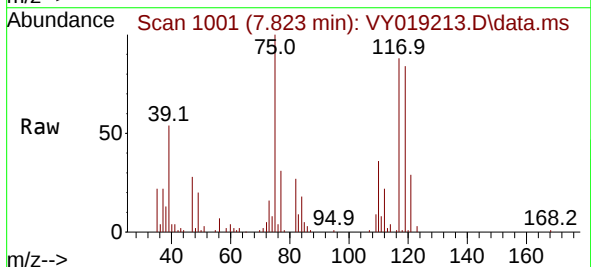
Manual Integrations
APPROVED

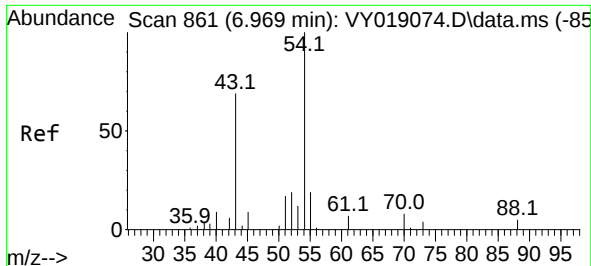
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#36
1,1-Dichloropropene
Concen: 19.578 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

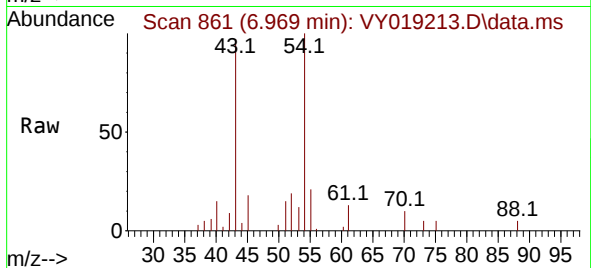
Tgt Ion: 75 Resp: 30825
Ion Ratio Lower Upper
75 100
110 37.4 19.0 57.0
77 30.9 25.3 37.9





#37
Ethyl Acetate
Concen: 20.775 ug/l
RT: 6.969 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

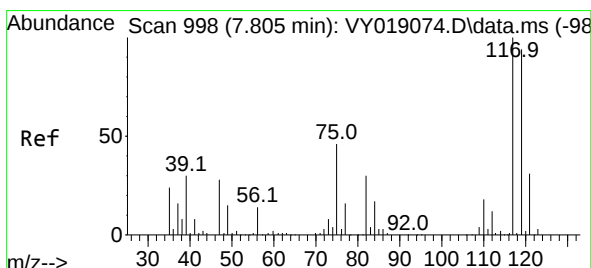
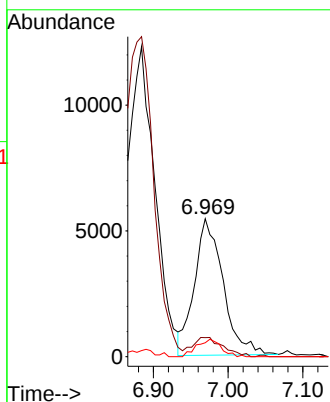
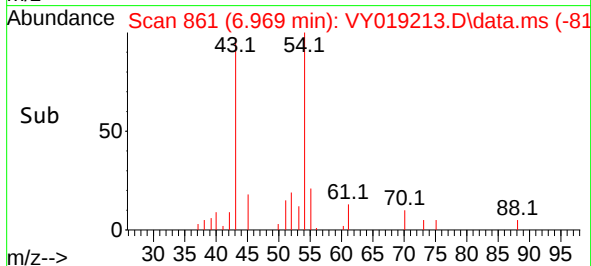
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



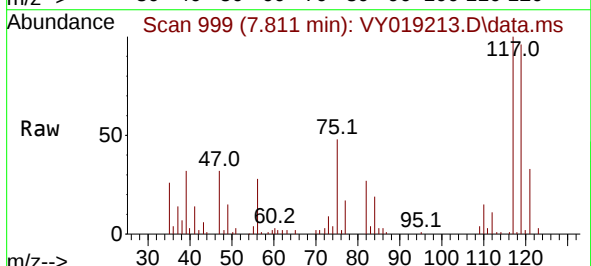
Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
61 15.0 12.6 19.0
70 10.8 7.8 11.8

Manual Integrations
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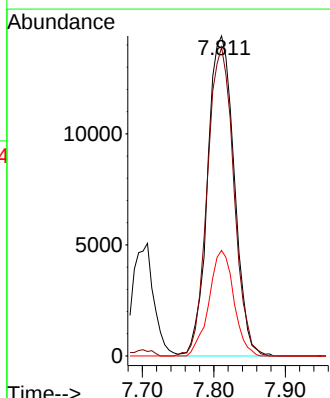
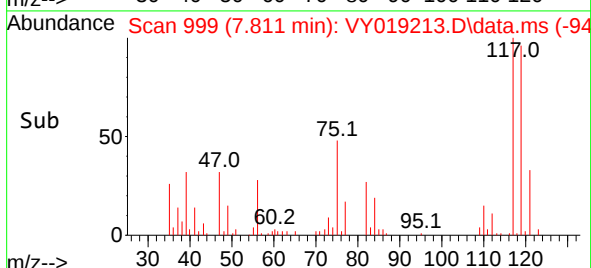
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

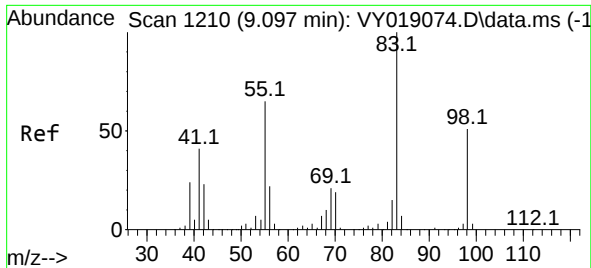


#38
Carbon Tetrachloride
Concen: 20.375 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



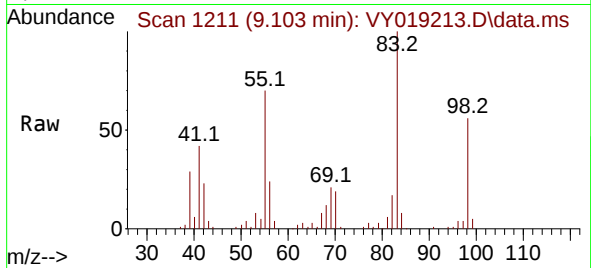
Tgt Ion:117 Resp: 37176
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.6
121 33.0 24.0 36.0





#39
Methylcyclohexane
Concen: 18.847 ug/l
RT: 9.103 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

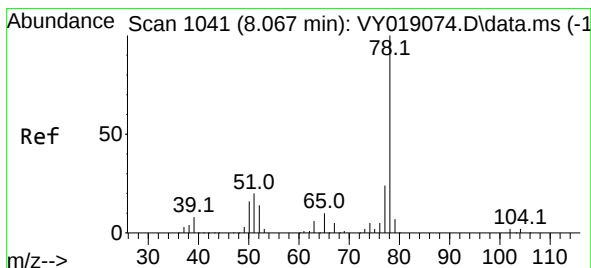
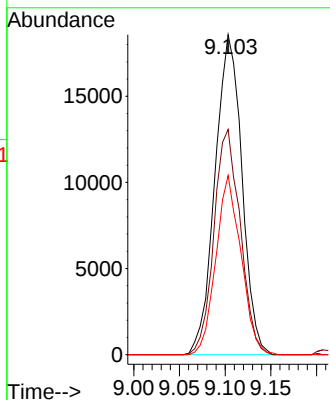
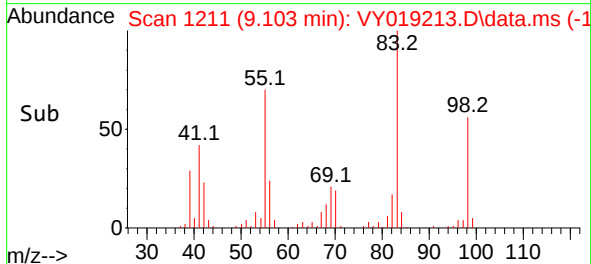
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 83 Resp: 38080
Ion Ratio Lower Upper
83 100
55 70.4 51.5 77.3
98 56.0 40.5 60.7

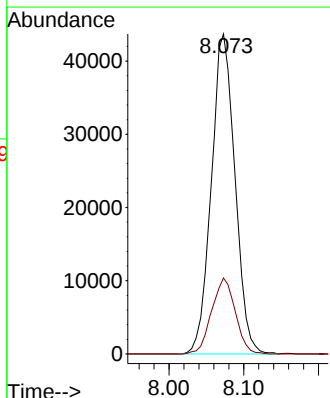
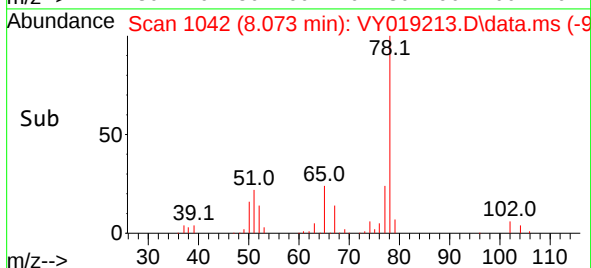
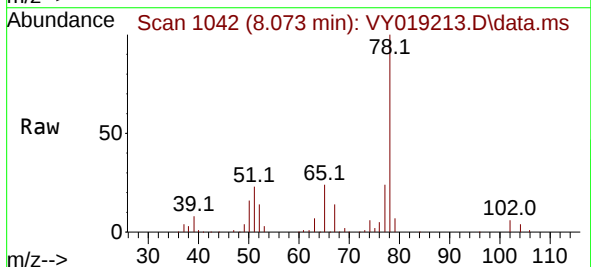
Manual Integrations
APPROVED

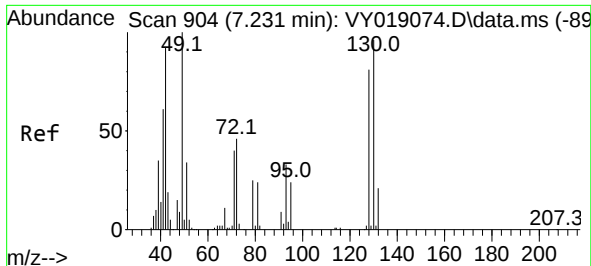
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#40
Benzene
Concen: 19.918 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

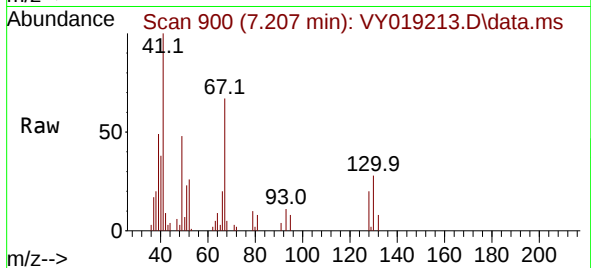
Tgt Ion: 78 Resp: 96181
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3





#41
Methacrylonitrile
Concen: 19.617 ug/l m
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

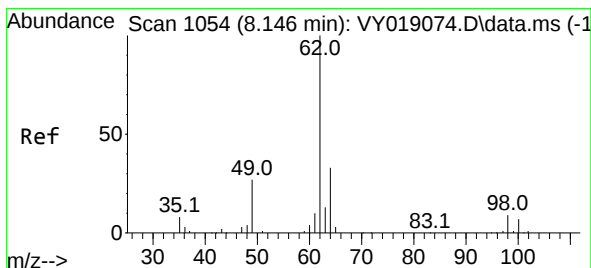
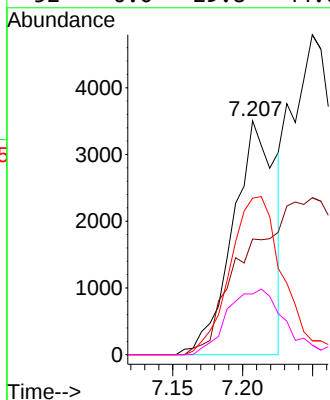
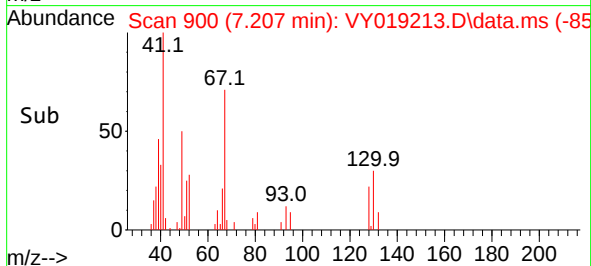
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 41 Resp: 7469
Ion Ratio Lower Upper
41 100
39 150.5 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

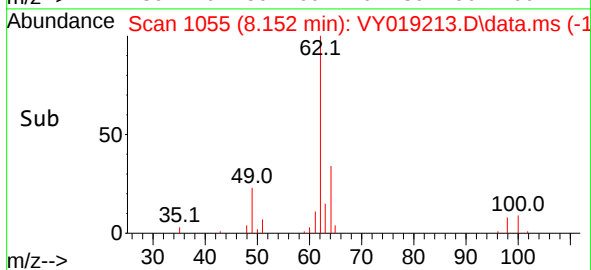
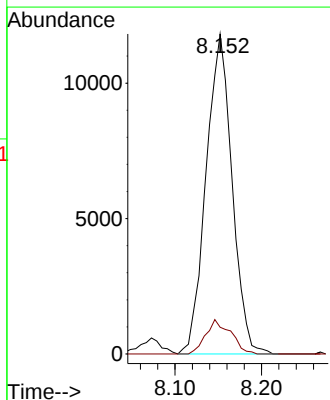
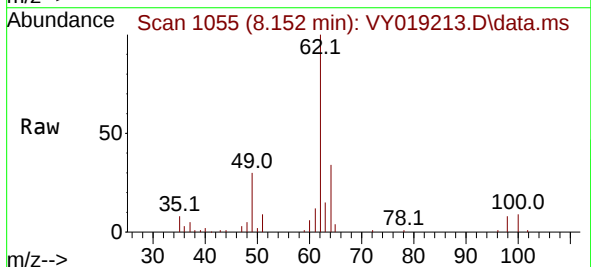
Manual Integrations
APPROVED

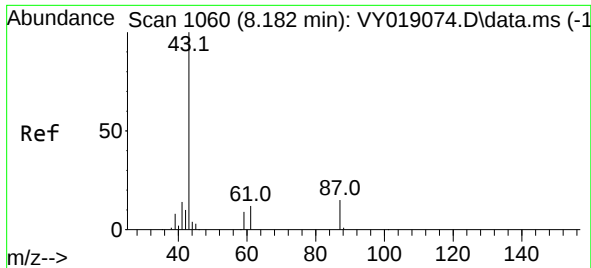
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#42
1,2-Dichloroethane
Concen: 18.909 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 62 Resp: 24657
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 19.227 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

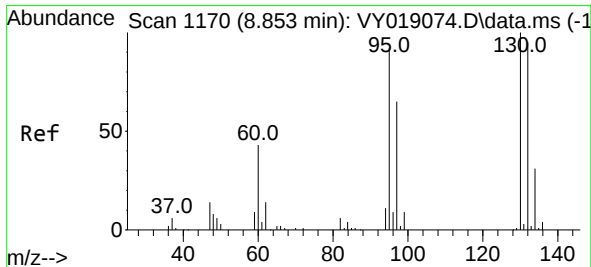
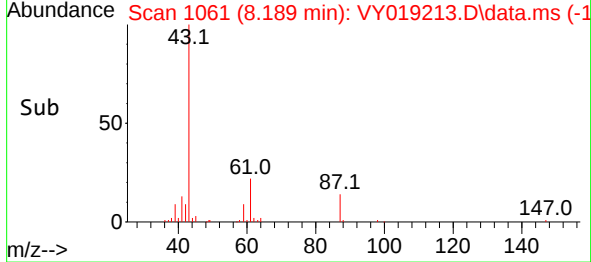
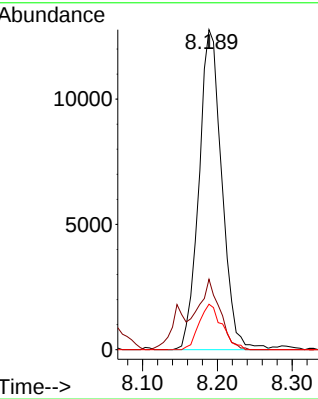
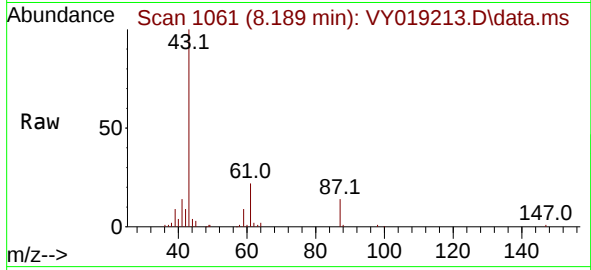
Tgt Ion: 43	Resp: 27124
Ion Ratio	Lower Upper
43 100	
61 21.6	27.9 41.9
87 14.3	13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#44

Trichloroethene

Concen: 20.168 ug/l

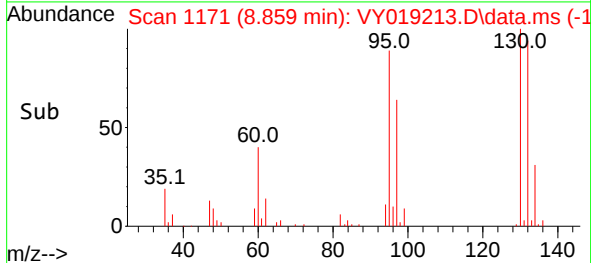
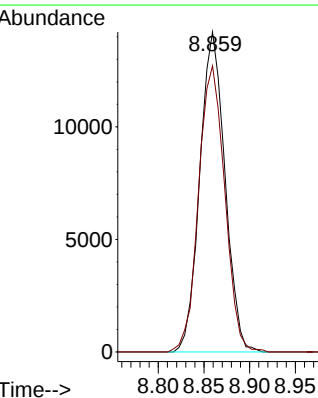
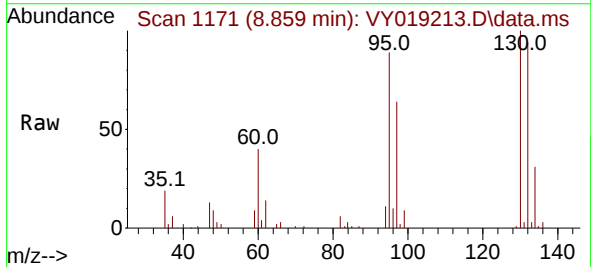
RT: 8.859 min Scan# 1171

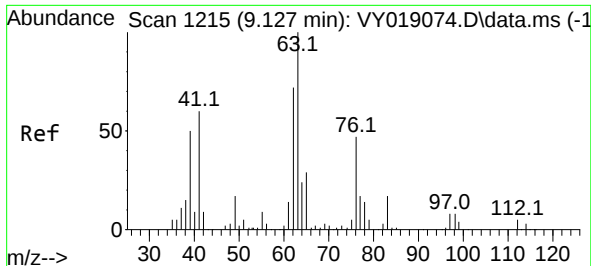
Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:130	Resp: 27173
Ion Ratio	Lower Upper
130 100	
95 89.4	0.0 188.0





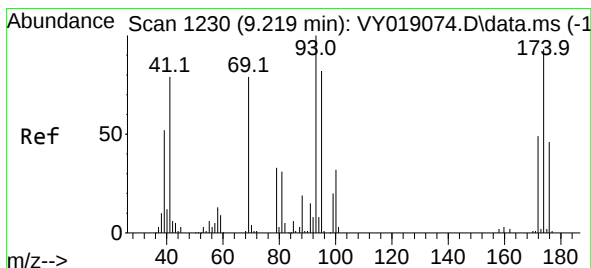
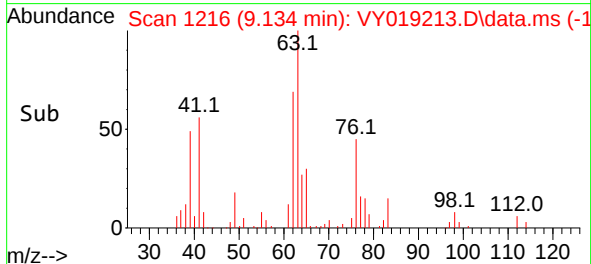
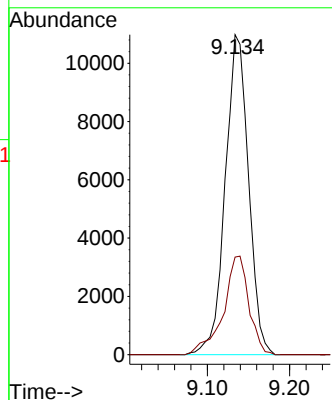
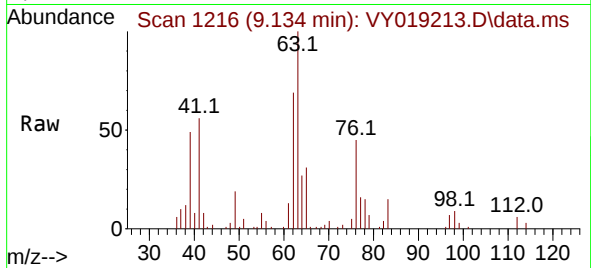
#45
1,2-Dichloropropane
Concen: 20.117 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 63 Resp: 2164
Ion Ratio Lower Upper
63 100
65 30.5 25.4 38.2

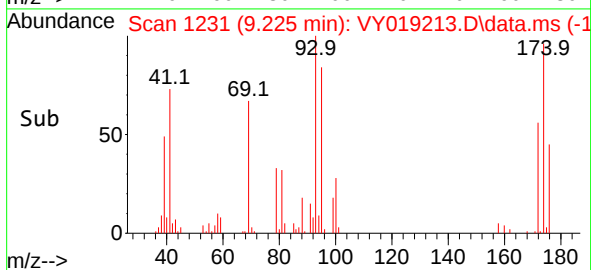
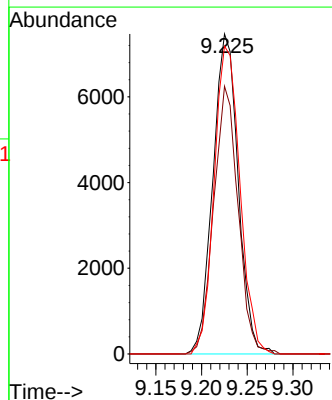
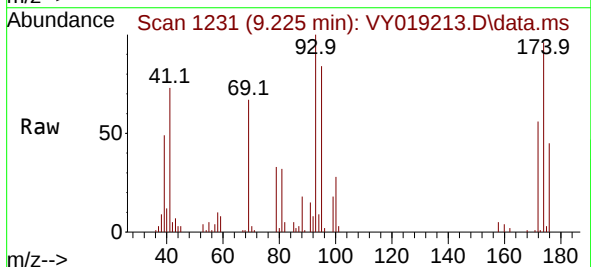
Manual Integrations
APPROVED

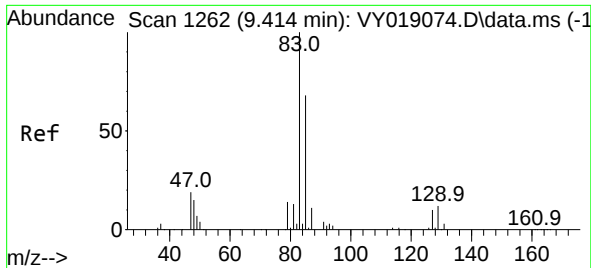
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#46
Dibromomethane
Concen: 20.573 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 93 Resp: 14356
Ion Ratio Lower Upper
93 100
95 80.7 66.2 99.4
174 98.3 80.9 121.3





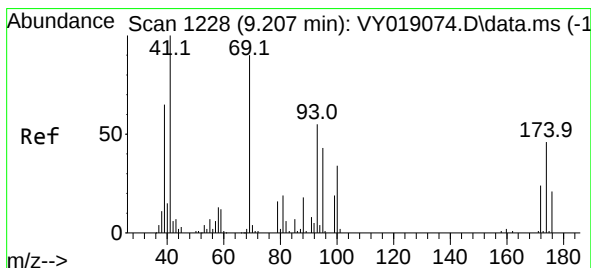
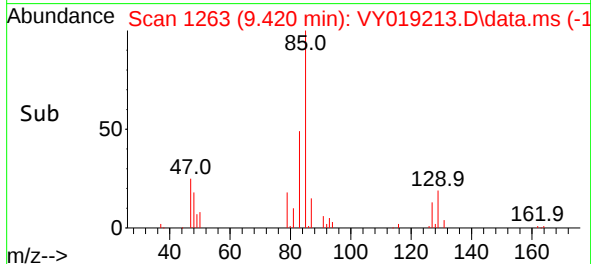
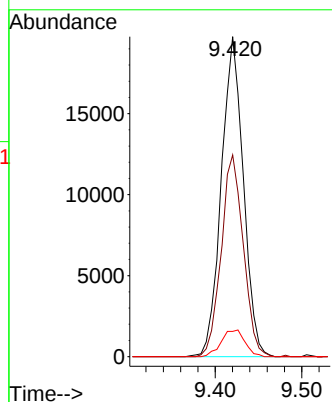
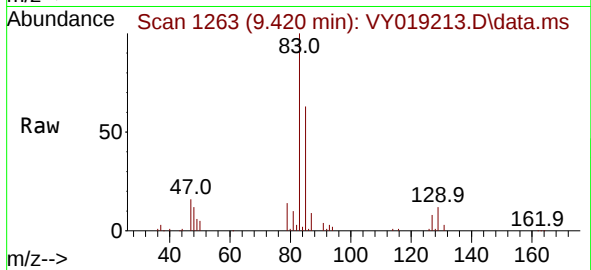
#47
Bromodichloromethane
Concen: 20.370 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 83 Resp: 3487
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 7.9 7.4 11.0

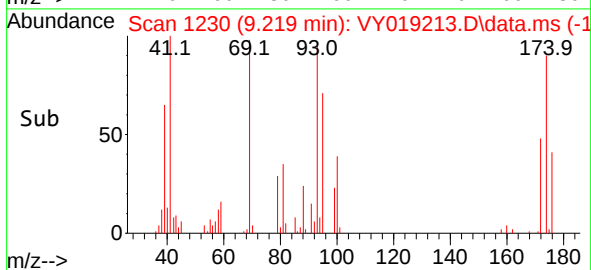
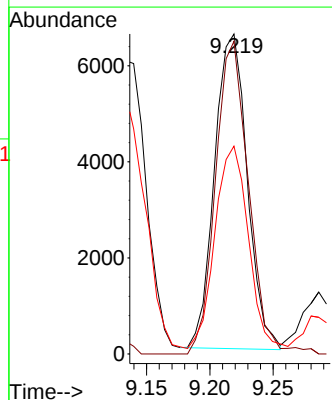
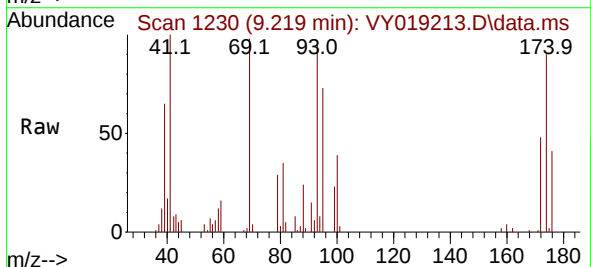
Manual Integrations
APPROVED

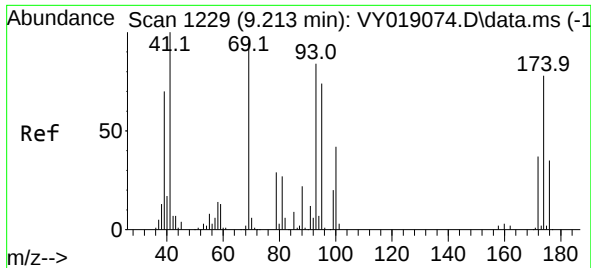
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#48
Methyl methacrylate
Concen: 18.732 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

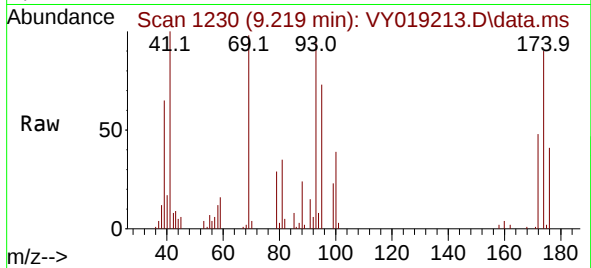
Tgt Ion: 41 Resp: 11777
Ion Ratio Lower Upper
41 100
69 100.4 84.1 126.1
39 66.2 43.6 65.4





#49
1,4-Dioxane
Concen: 406.491 ug/l
RT: 9.219 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

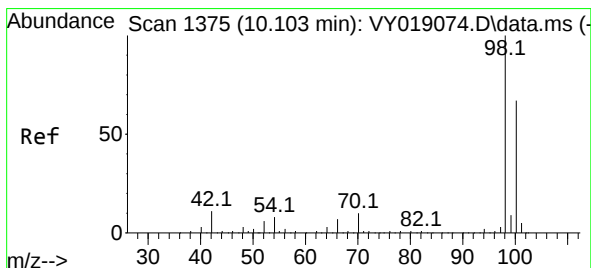
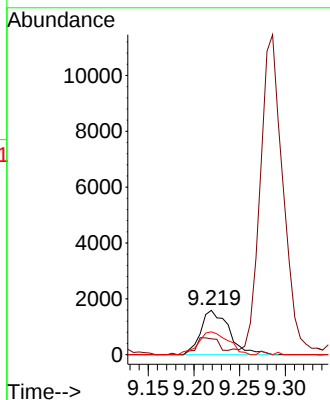
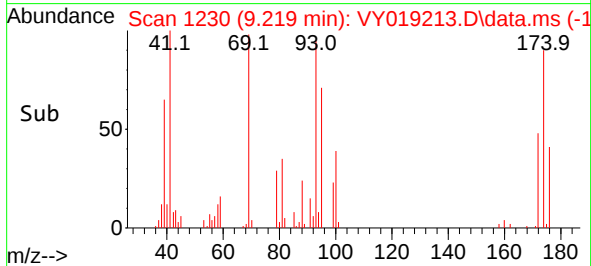
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion: 88 Resp: 3430
Ion Ratio Lower Upper
88 100
43 31.7 0.0 0.0
58 54.0 49.3 73.9

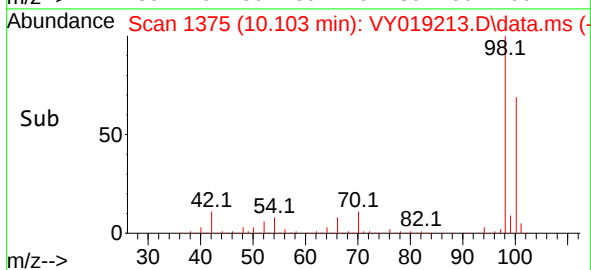
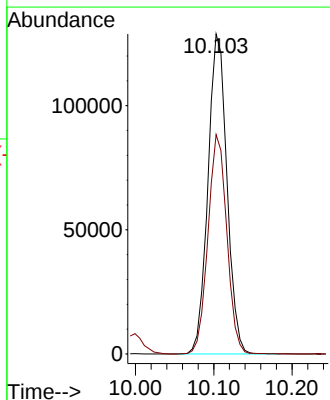
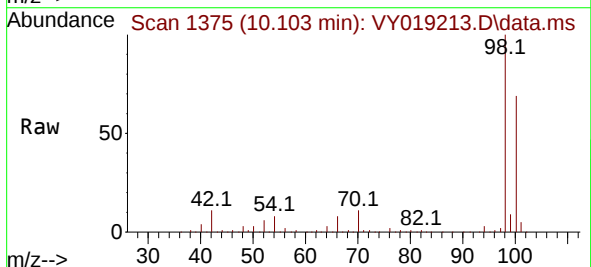
Manual Integrations
APPROVED

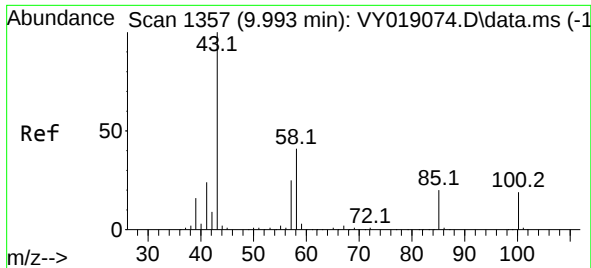
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#50
Toluene-d8
Concen: 52.482 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 98 Resp: 216548
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0





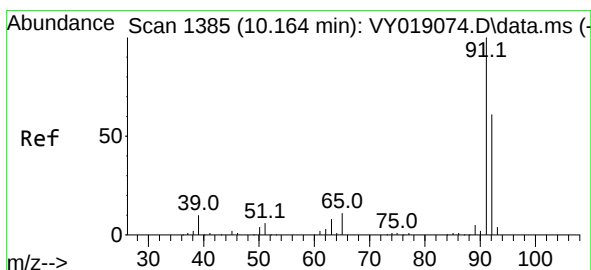
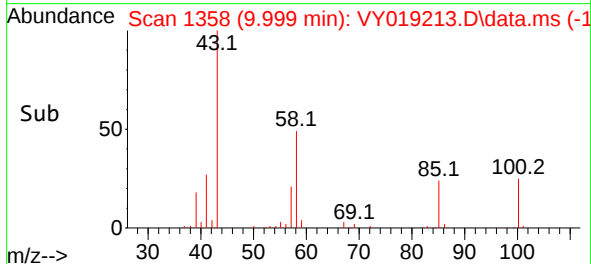
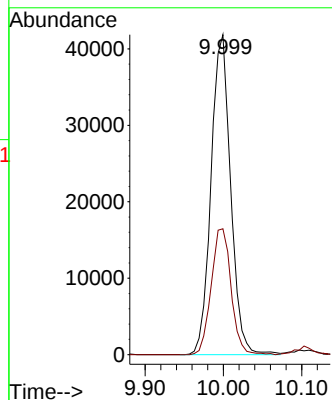
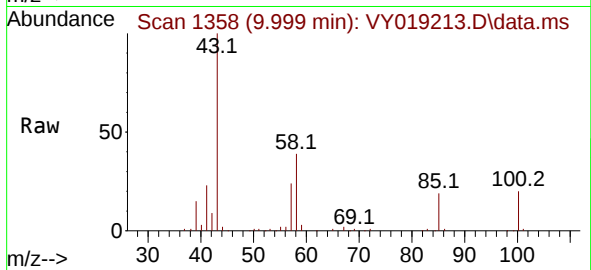
#51
4-Methyl-2-Pentanone
Concen: 97.189 ug/l
RT: 9.999 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 43 Resp: 7277
Ion Ratio Lower Upper
43 100
58 40.0 35.7 53.5

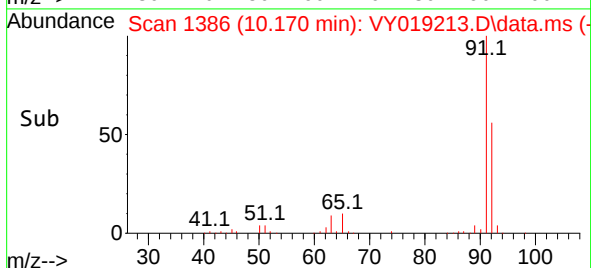
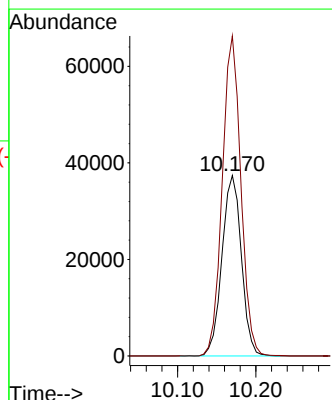
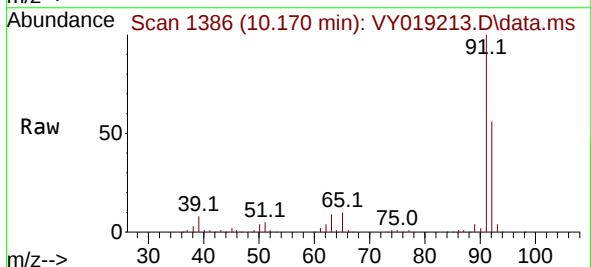
Manual Integrations
APPROVED

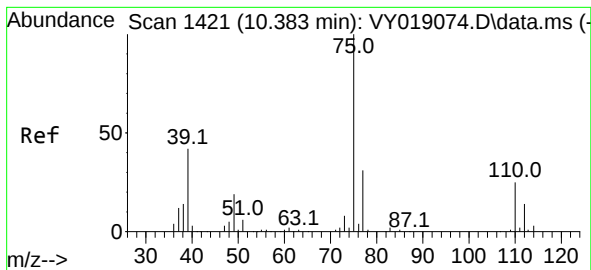
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#52
Toluene
Concen: 20.282 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

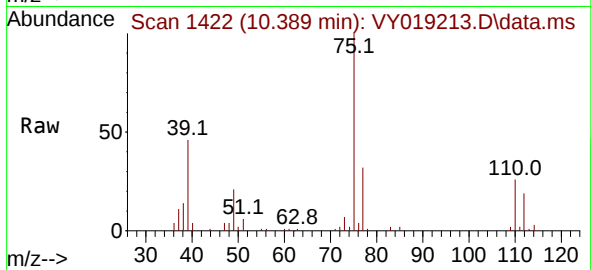
Tgt Ion: 92 Resp: 64289
Ion Ratio Lower Upper
92 100
91 170.5 139.0 208.6





#53
 t-1,3-Dichloropropene
 Concen: 20.378 ug/l
 RT: 10.389 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

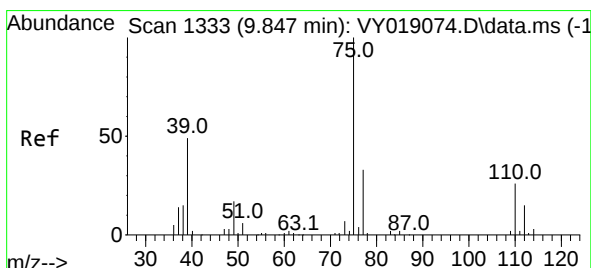
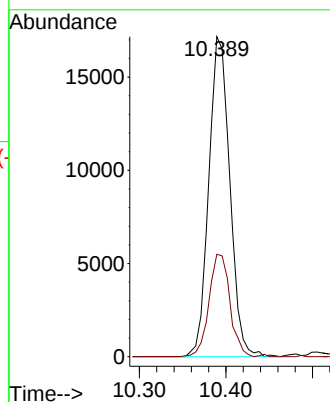
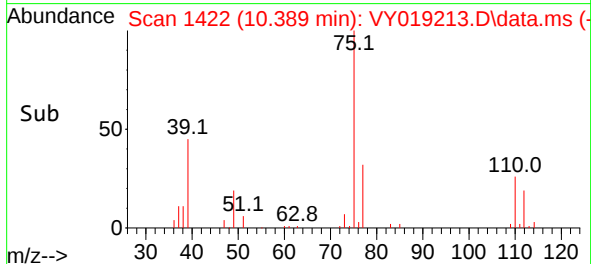
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01



Tgt Ion: 75 Resp: 28939
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1

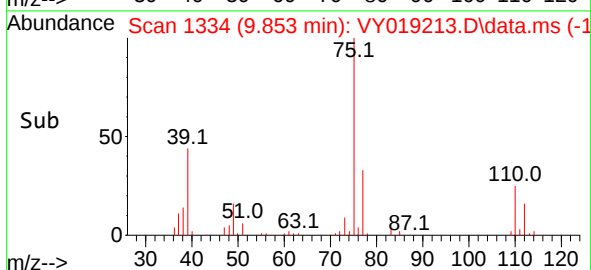
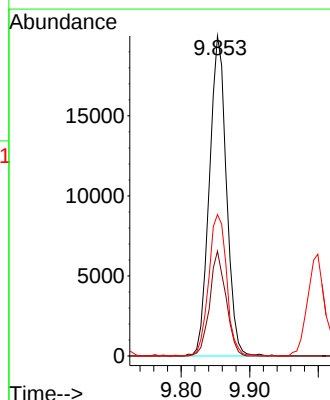
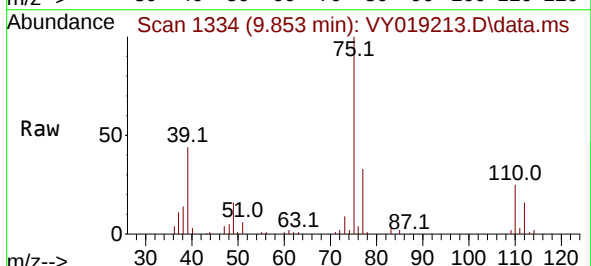
Manual Integrations
 APPROVED

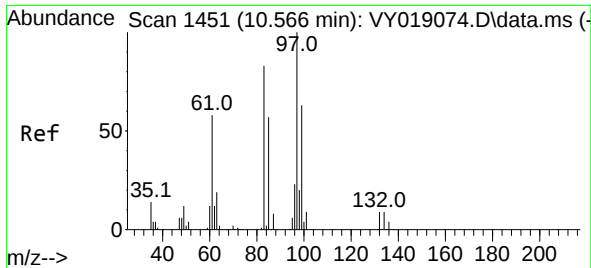
Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.252 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019213.D
 Acq: 22 Aug 2024 12:15

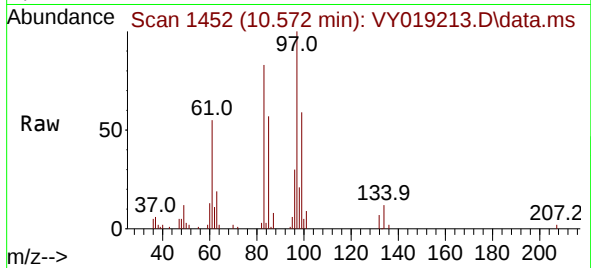
Tgt Ion: 75 Resp: 34589
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 44.2 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 21.423 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

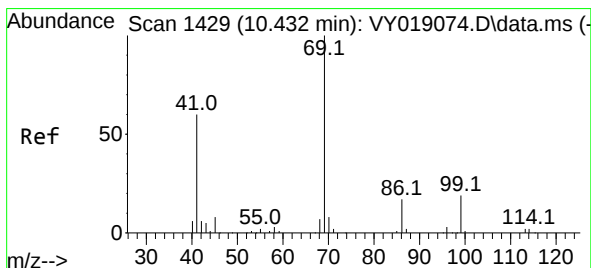
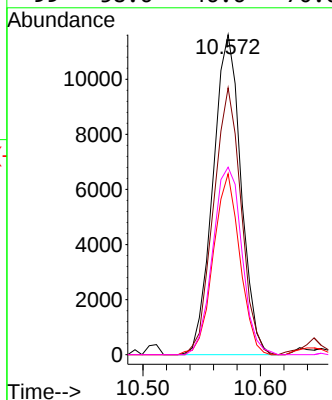
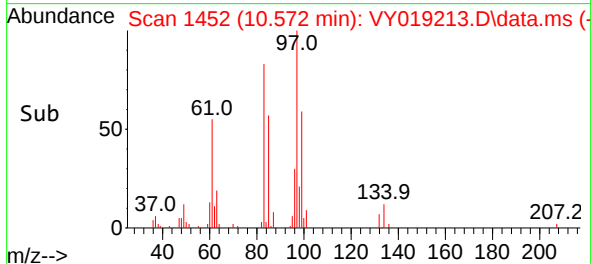
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



Tgt Ion:	97	Resp:	1924
Ion Ratio	100	Lower	Upper
83	83.4	67.5	101.3
85	56.5	42.9	64.3
99	58.6	46.6	70.0

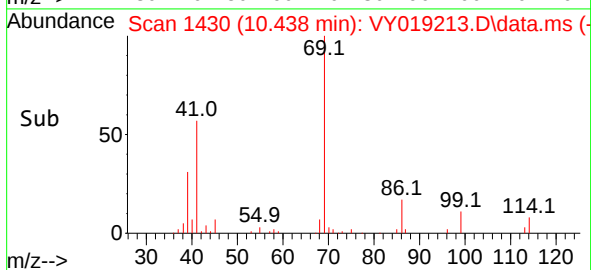
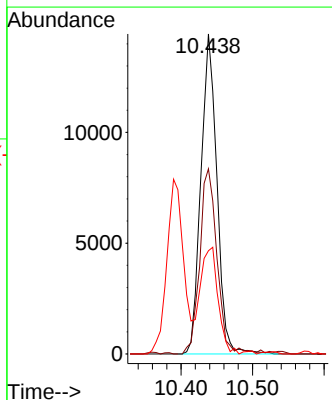
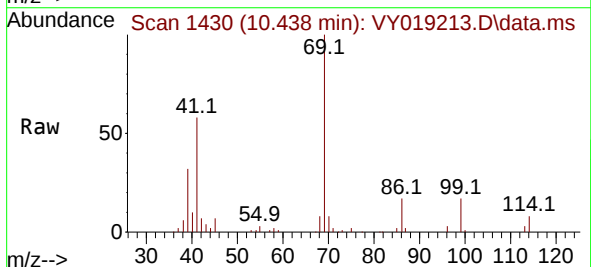
Manual Integrations
APPROVED

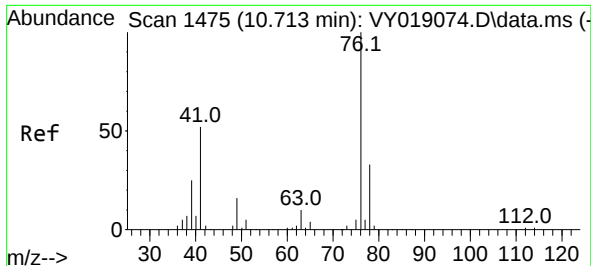
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#56
Ethyl methacrylate
Concen: 19.078 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:	69	Resp:	22432
Ion Ratio	100	Lower	Upper
41	62.4	42.3	63.5
39	36.9	22.9	34.3





#57

1,3-Dichloropropane

Concen: 20.177 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion: 76 Resp: 2954

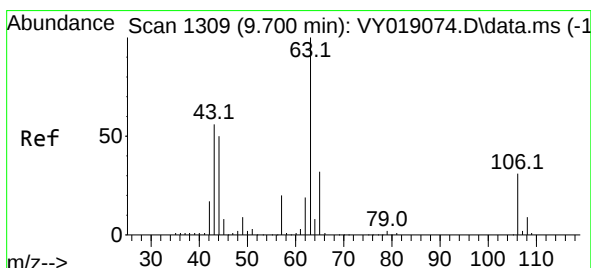
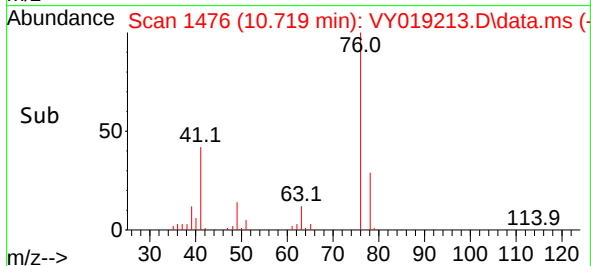
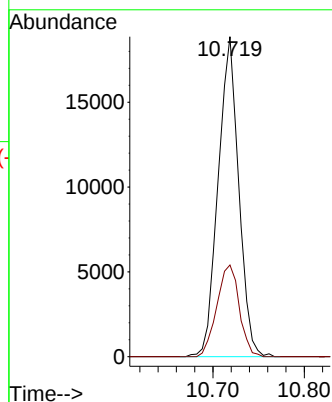
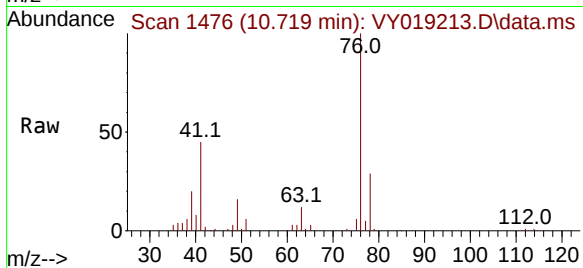
Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

#58

2-Chloroethyl Vinyl ether

Concen: 95.572 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019213.D

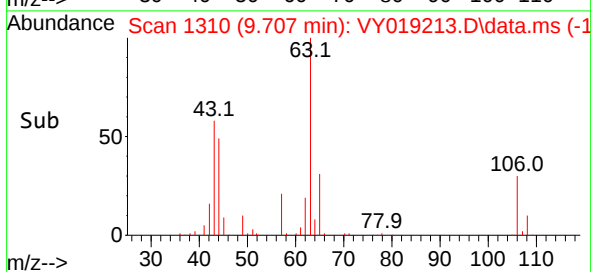
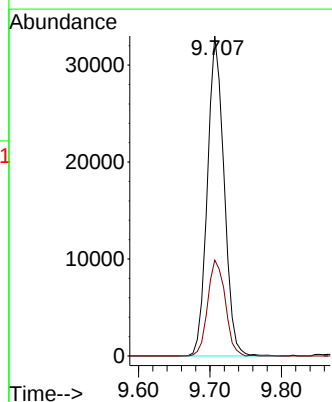
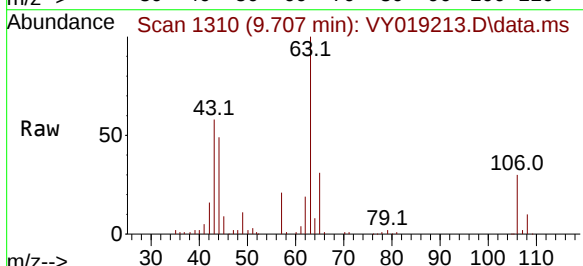
Acq: 22 Aug 2024 12:15

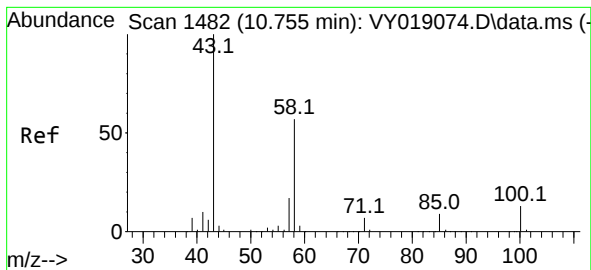
Tgt Ion: 63 Resp: 53309

Ion Ratio Lower Upper

63 100

106 31.6 23.7 35.5





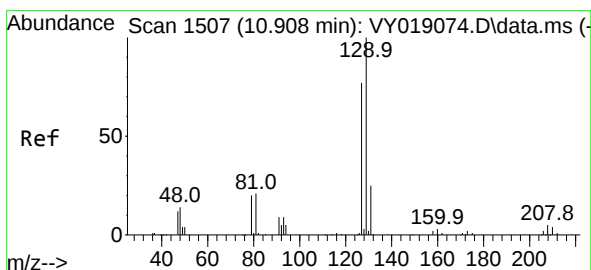
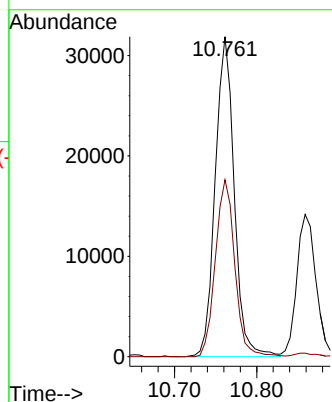
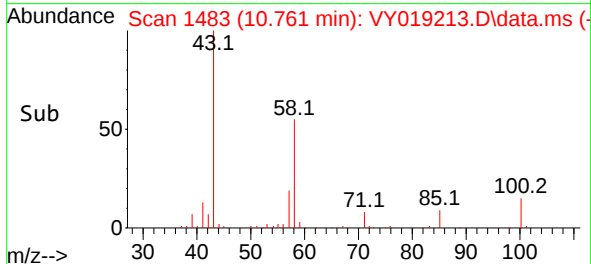
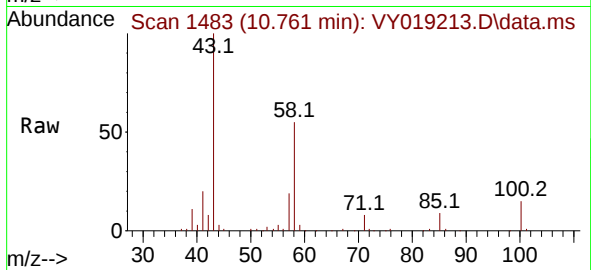
#59
2-Hexanone
Concen: 99.444 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 43 Resp: 5115
Ion Ratio Lower Upper
43 100
58 56.5 31.4 94.0

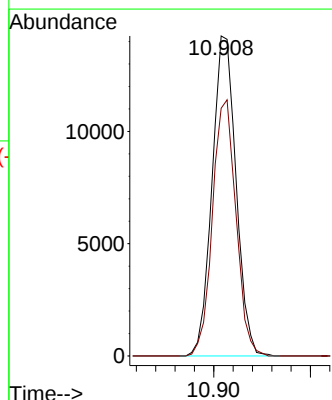
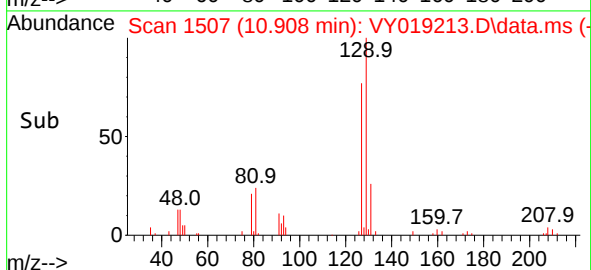
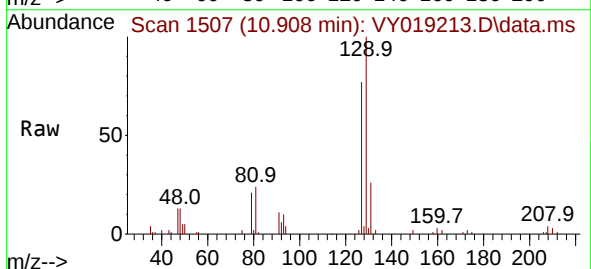
Manual Integrations
APPROVED

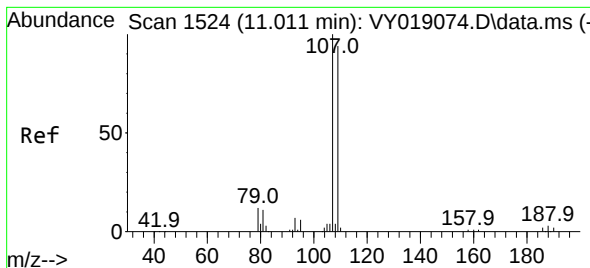
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#60
Dibromochloromethane
Concen: 20.025 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:129 Resp: 24500
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0





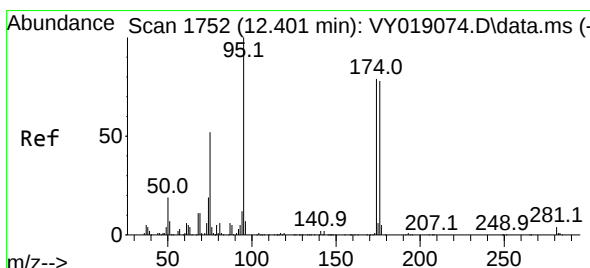
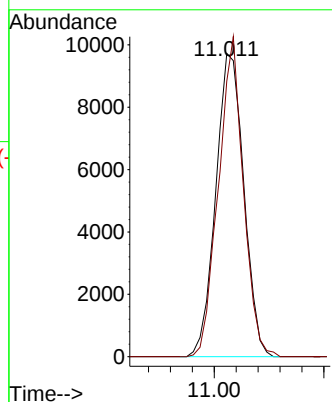
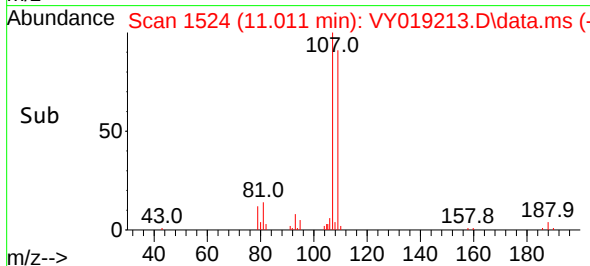
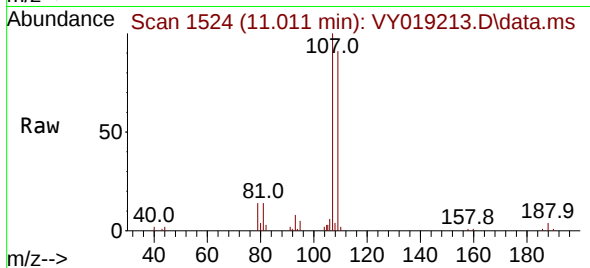
#61
1,2-Dibromoethane
Concen: 19.927 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:107 Resp: 1730
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

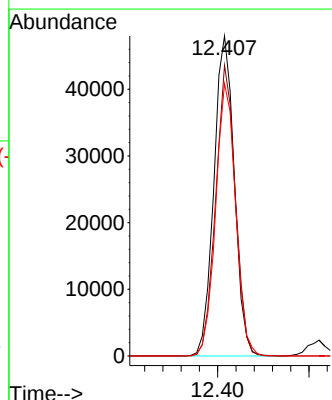
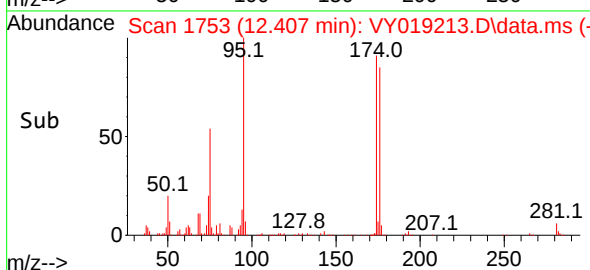
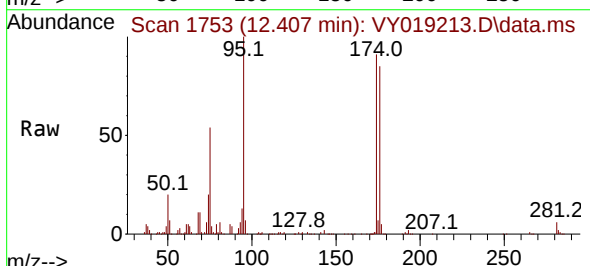
Manual Integrations
APPROVED

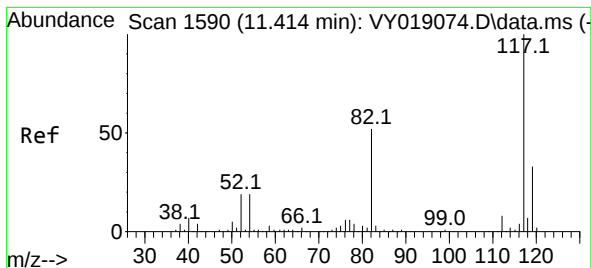
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 95 Resp: 74237
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 83.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion:117 Resp: 15410

Ion Ratio Lower Upper

117 100

82 49.1 42.4 63.6

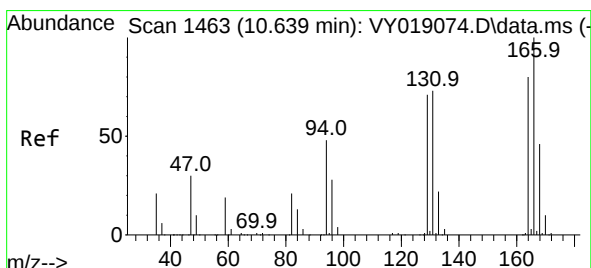
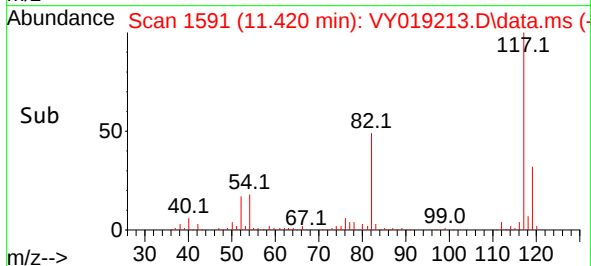
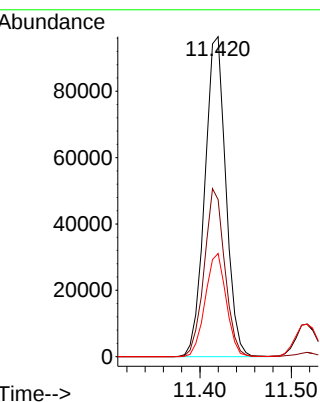
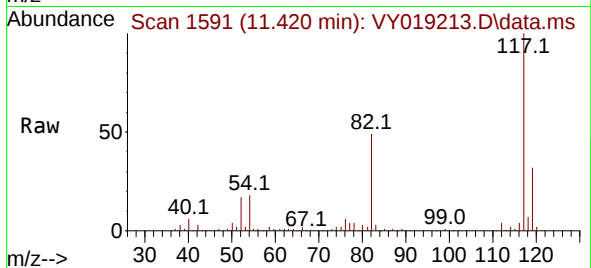
119 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#64

Tetrachloroethene

Concen: 20.340 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:164 Resp: 27398

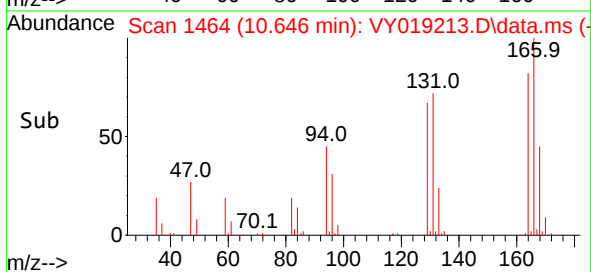
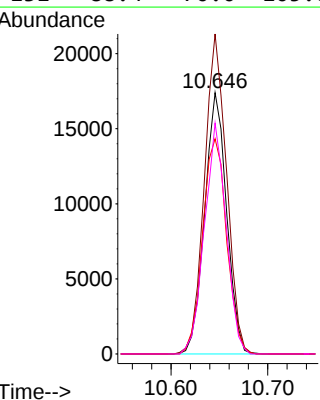
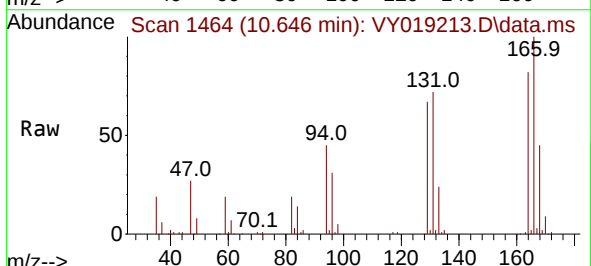
Ion Ratio Lower Upper

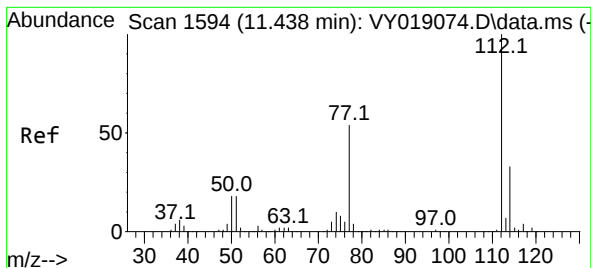
164 100

166 122.5 102.6 154.0

129 82.4 72.0 108.0

131 88.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.767 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion:112 Resp: 70144

Ion Ratio Lower Upper

112 100

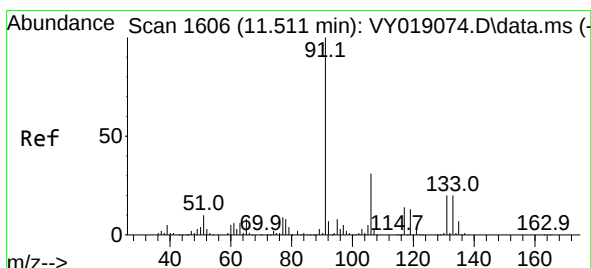
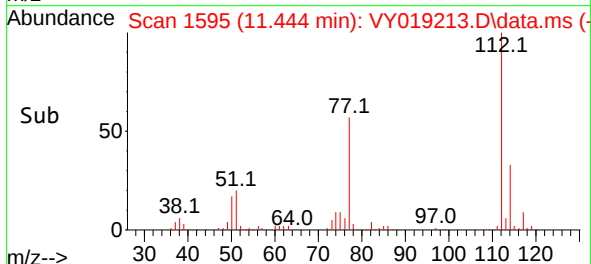
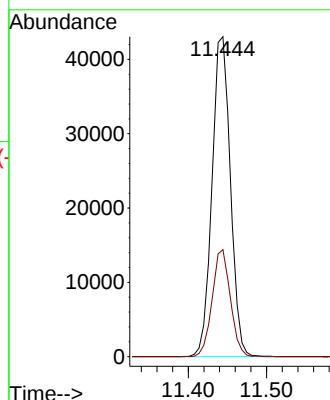
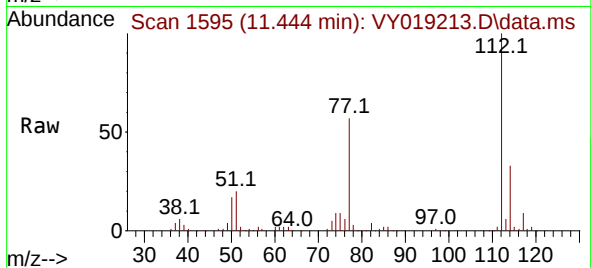
114 33.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.936 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

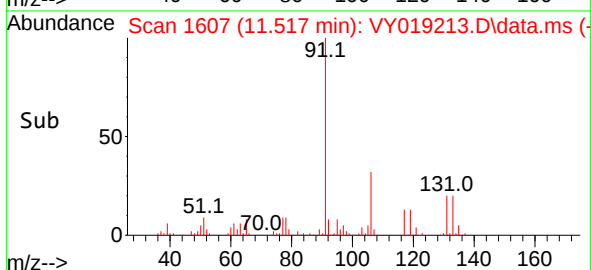
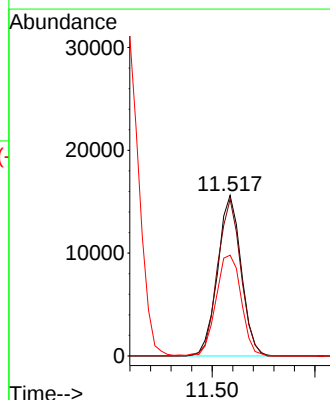
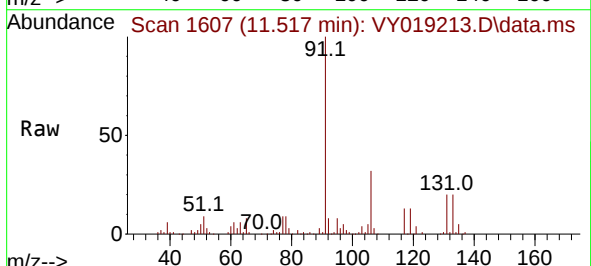
Tgt Ion:131 Resp: 24878

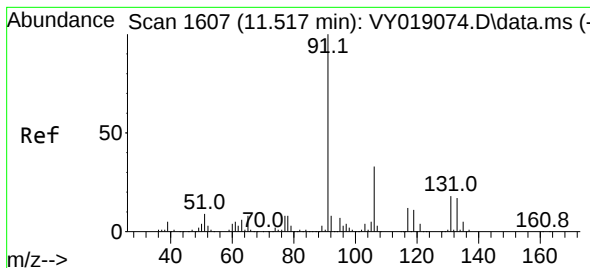
Ion Ratio Lower Upper

131 100

133 96.4 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 19.532 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion: 91 Resp: 12029

Ion Ratio Lower Upper

91 100

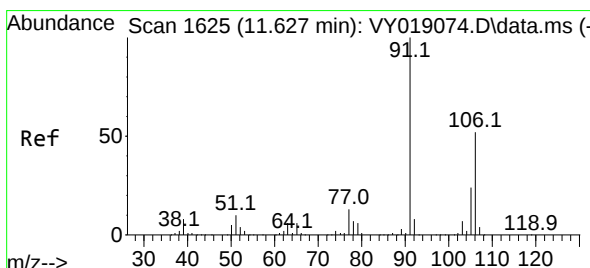
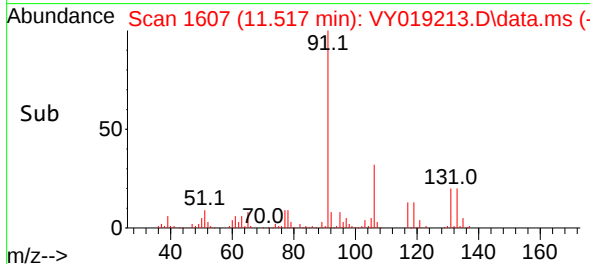
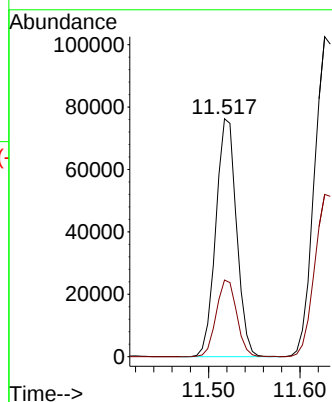
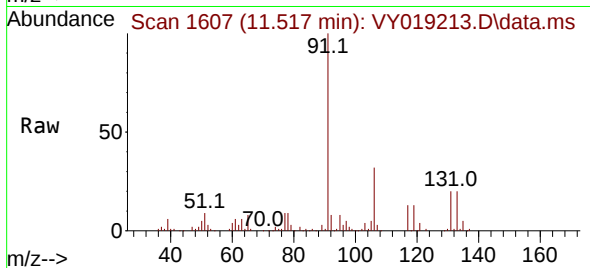
106 32.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#68

m/p-Xylenes

Concen: 38.771 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019213.D

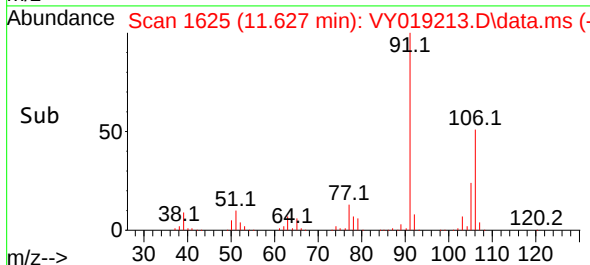
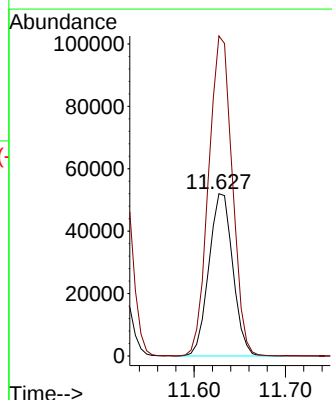
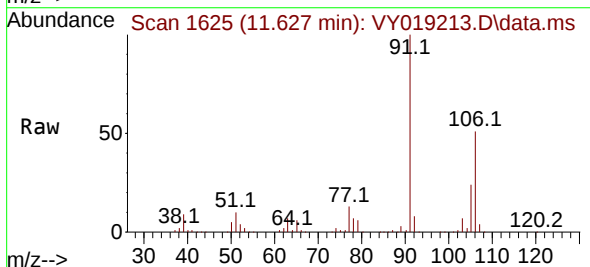
Acq: 22 Aug 2024 12:15

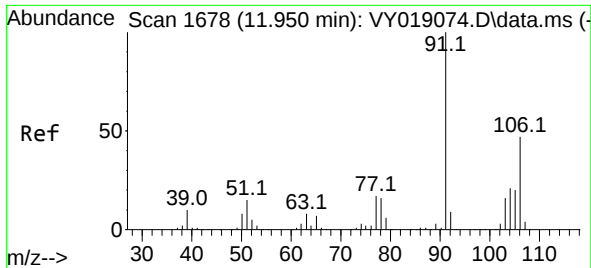
Tgt Ion:106 Resp: 94748

Ion Ratio Lower Upper

106 100

91 195.8 156.0 234.0





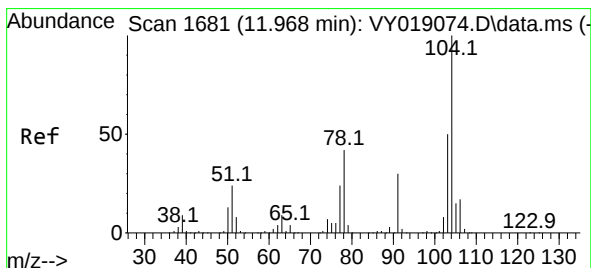
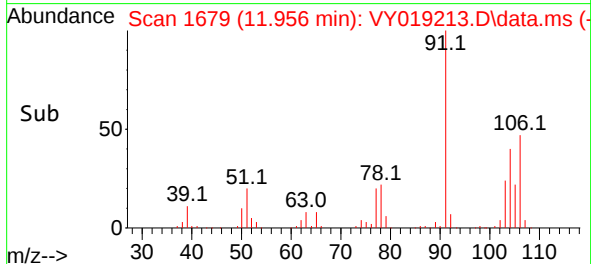
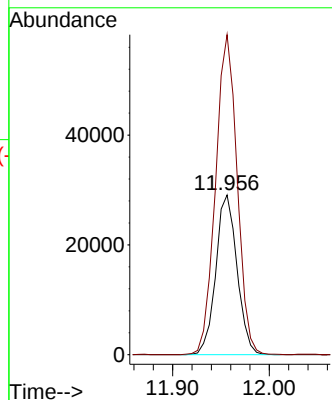
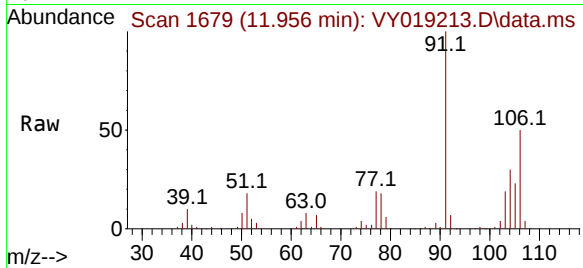
#69
o-Xylene
Concen: 19.537 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:106 Resp: 44214
Ion Ratio Lower Upper
106 100
91 203.9 103.6 310.8

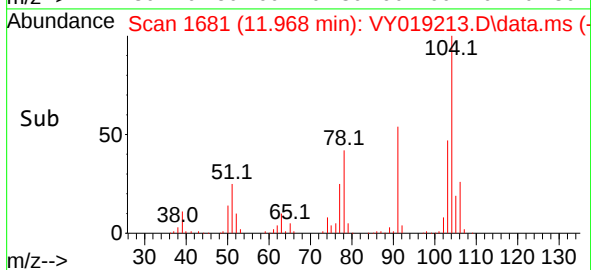
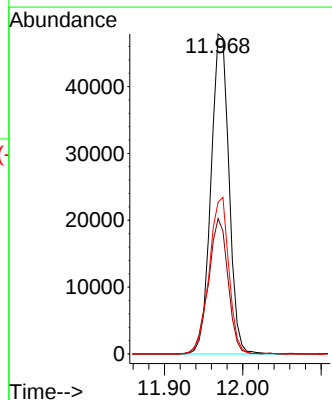
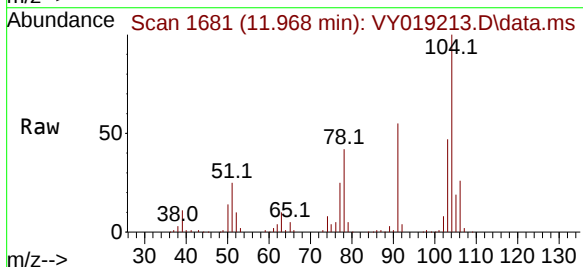
Manual Integrations
APPROVED

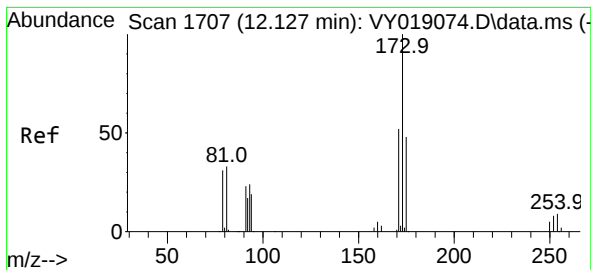
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#70
Styrene
Concen: 19.827 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:104 Resp: 76515
Ion Ratio Lower Upper
104 100
78 46.2 37.0 55.4
103 53.3 44.2 66.2





#71

Bromoform

Concen: 19.817 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

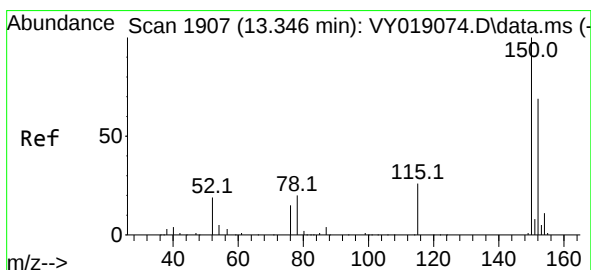
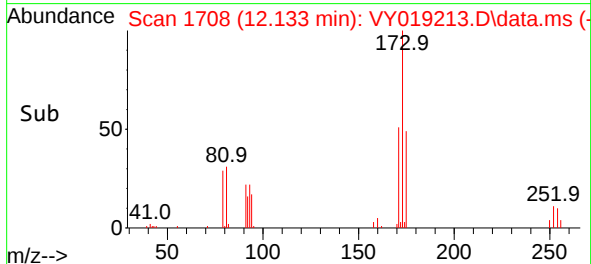
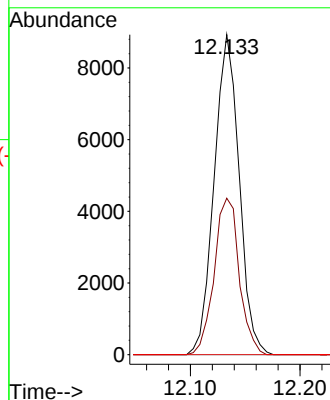
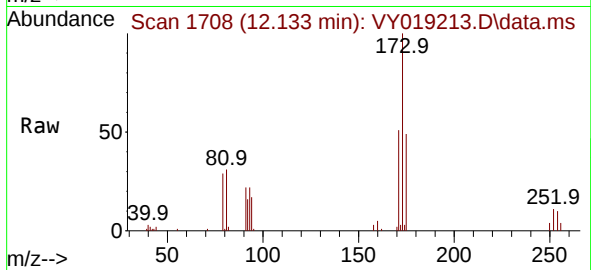
VY0822SBS01

Tgt Ion:	173	Resp:	1413
Ion Ratio	Lower	Upper	
173	100		
175	49.0	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

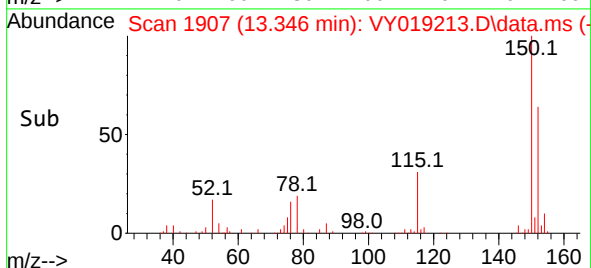
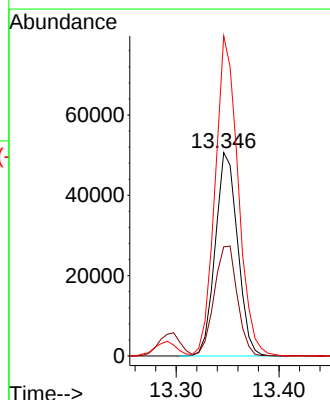
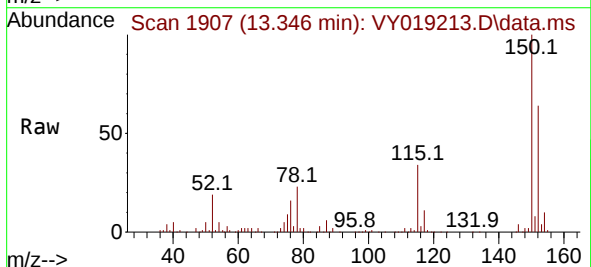
RT: 13.346 min Scan# 1907

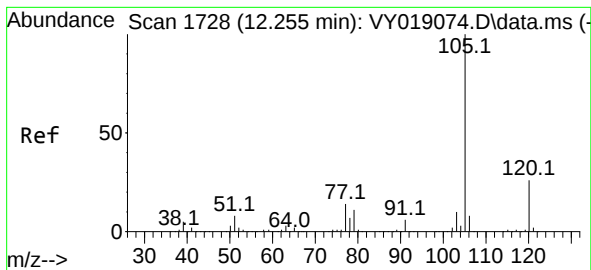
Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:	152	Resp:	76163
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.2	84.7
150	162.3	0.0	345.6





#73

Isopropylbenzene

Concen: 19.388 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS01

Tgt Ion:105 Resp: 11317

Ion Ratio Lower Upper

105 100

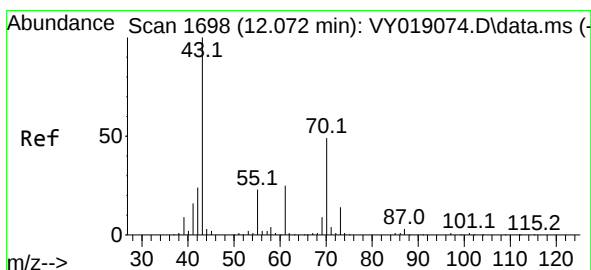
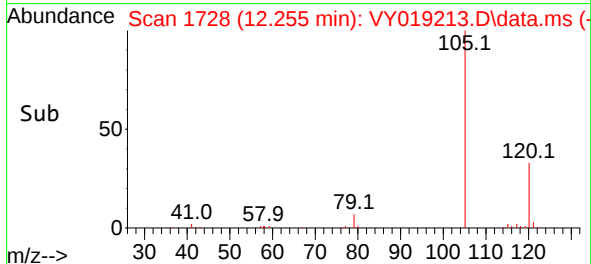
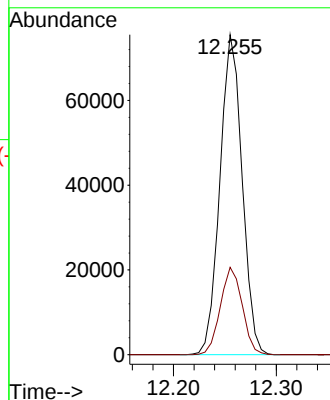
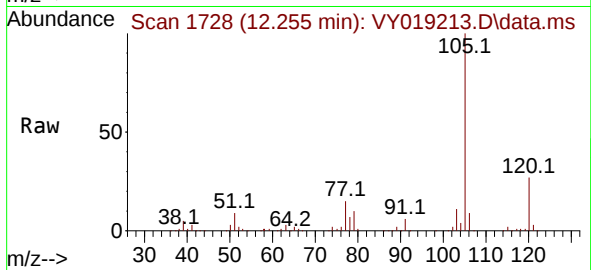
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024

Supervised By :Semsettin Yesilyurt 08/23/2024



#74

N-ethyl acetate

Concen: 18.475 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion: 43 Resp: 23517

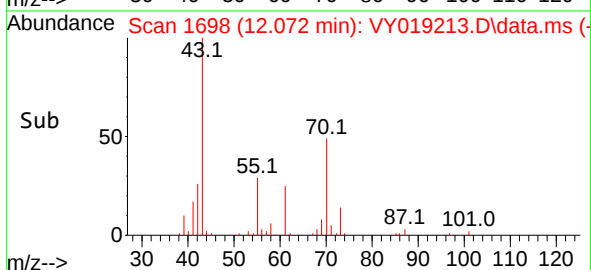
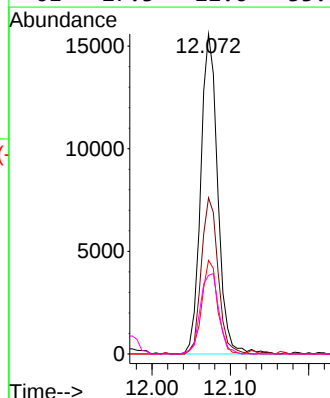
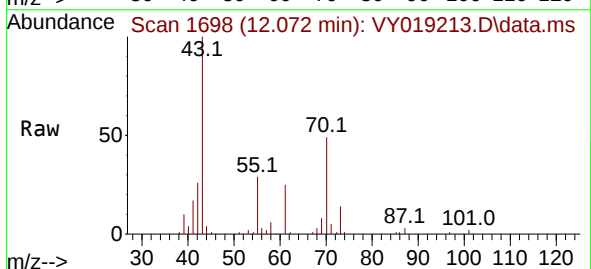
Ion Ratio Lower Upper

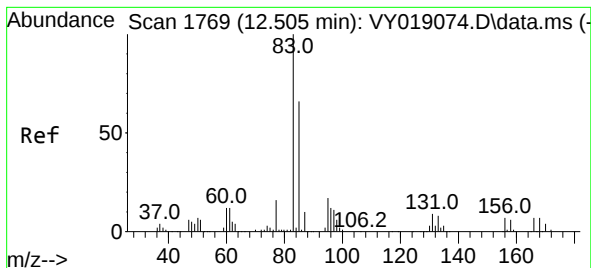
43 100

70 47.9 41.4 62.2

55 27.3 23.3 34.9

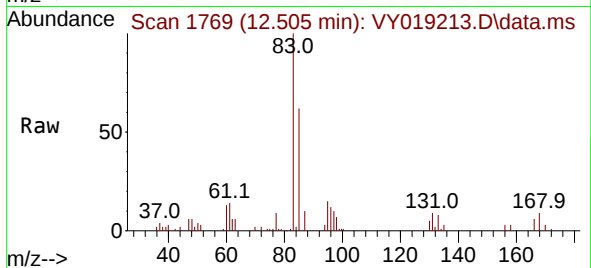
61 27.3 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.480 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

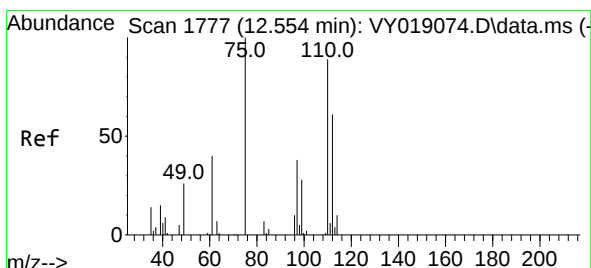
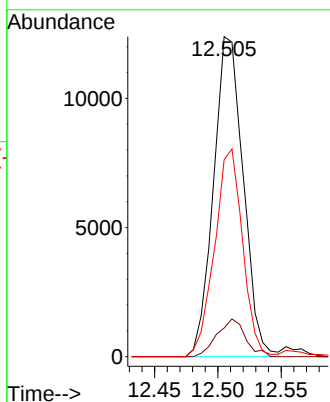
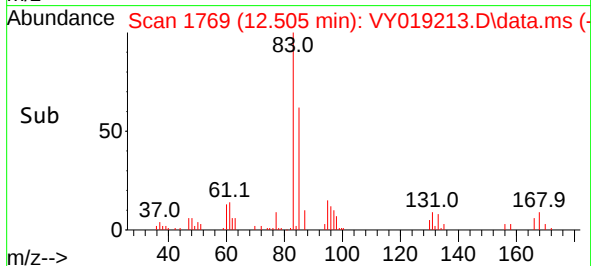
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



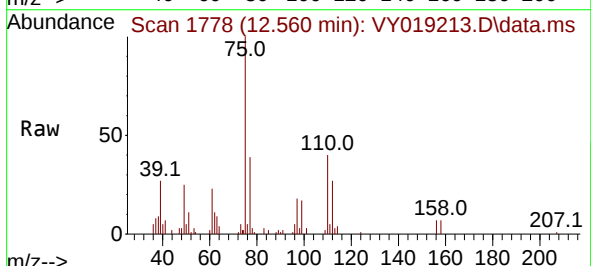
Tgt Ion: 83 Resp: 2024
Ion Ratio Lower Upper
83 100
131 11.3 5.0 14.9
85 61.2 32.0 96.0

Manual Integrations
APPROVED

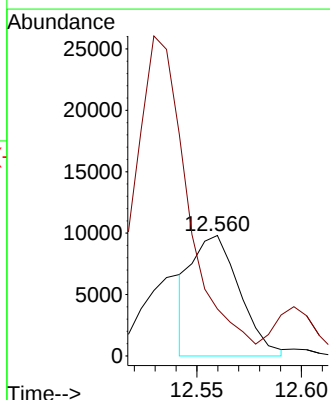
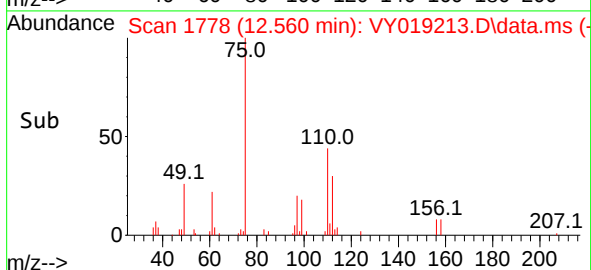
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

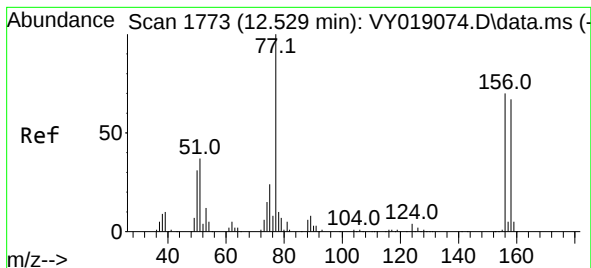


#76
1,2,3-Trichloropropane
Concen: 20.643 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



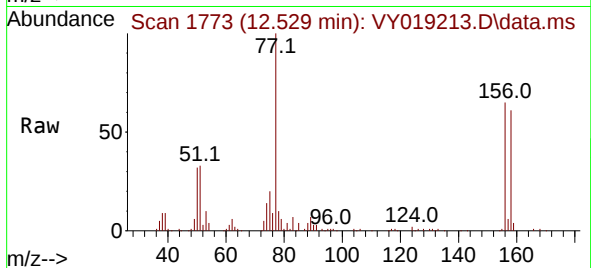
Tgt Ion: 75 Resp: 15505
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.599 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

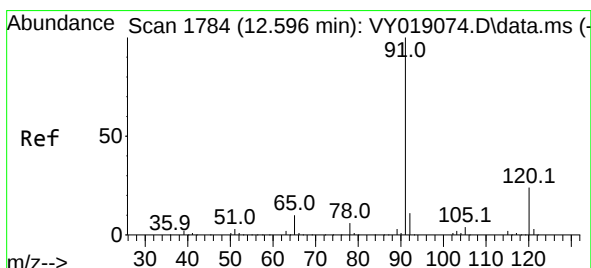
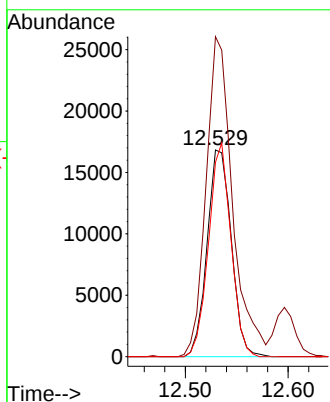
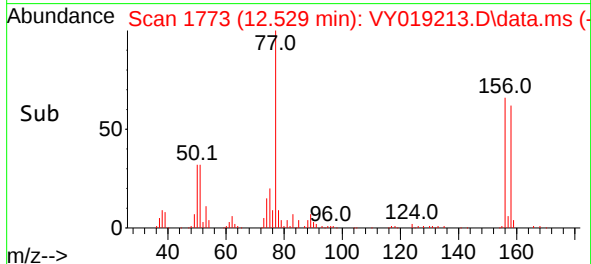
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



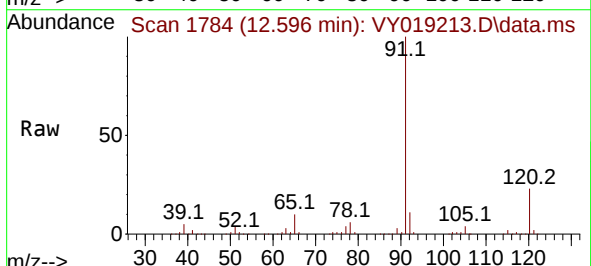
Tgt Ion:156 Resp: 2747
Ion Ratio Lower Upper
156 100
77 169.3 87.1 261.3
158 95.6 48.6 145.9

Manual Integrations
APPROVED

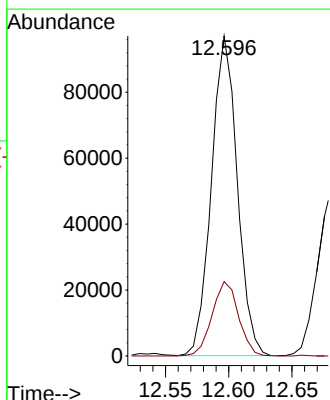
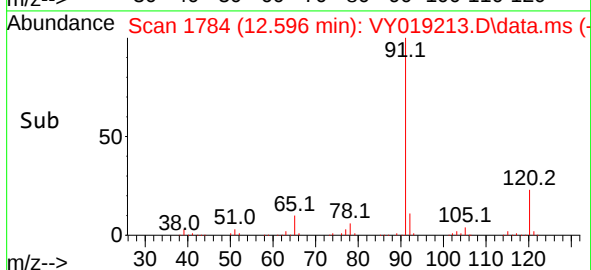
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

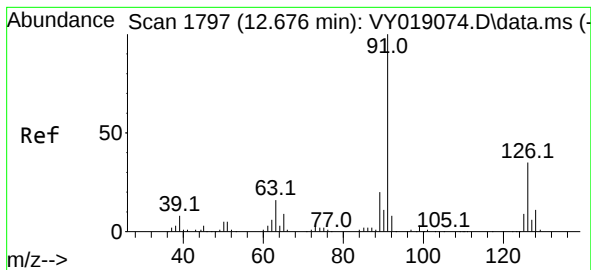


#78
n-propylbenzene
Concen: 19.738 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



Tgt Ion: 91 Resp: 137741
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





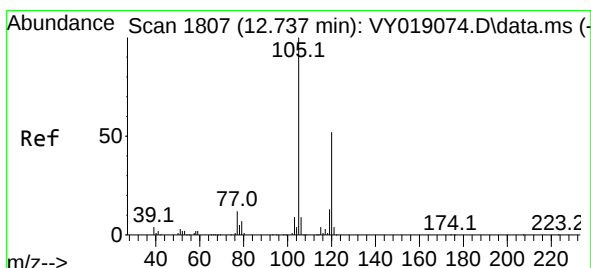
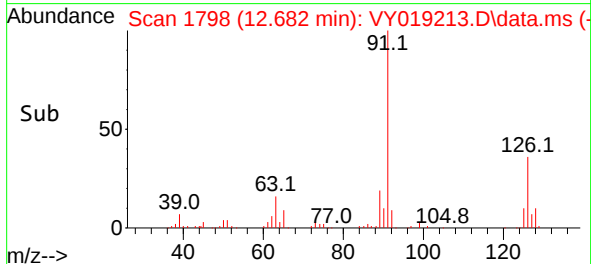
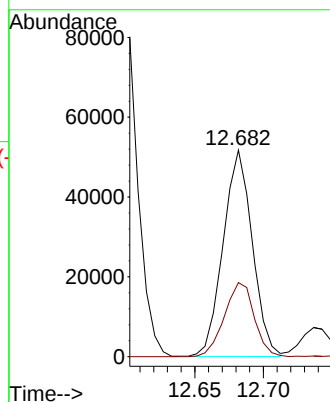
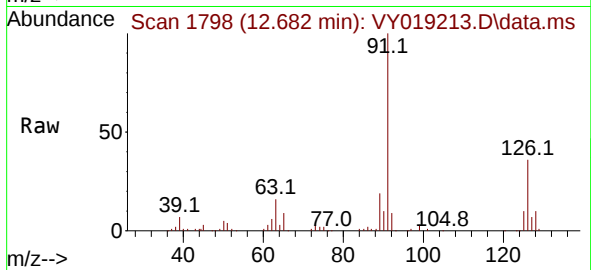
#79
2-Chlorotoluene
Concen: 19.545 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion: 91 Resp: 76468
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5

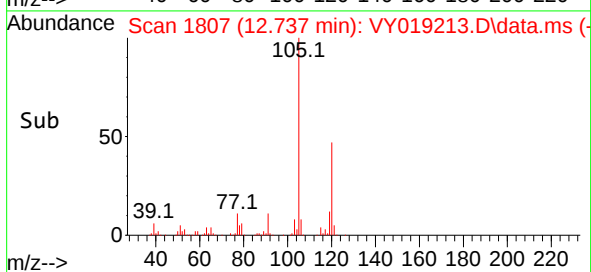
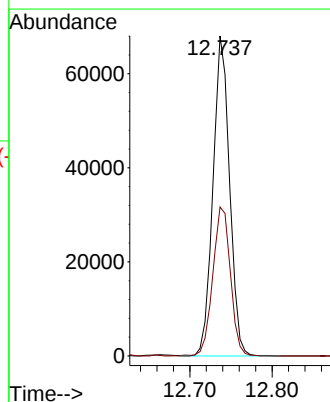
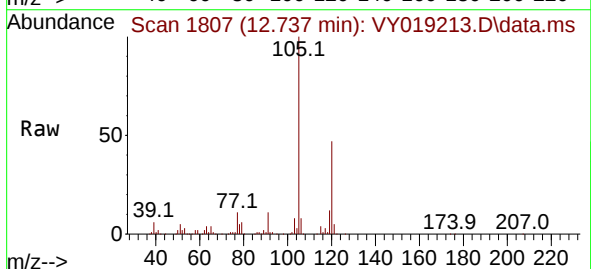
Manual Integrations
APPROVED

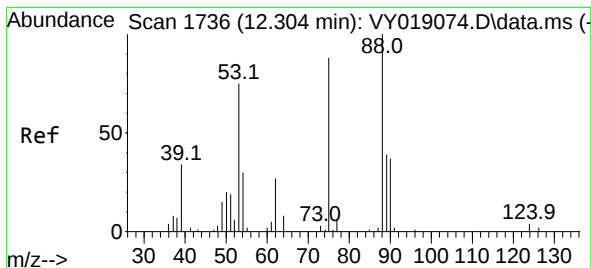
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.042 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

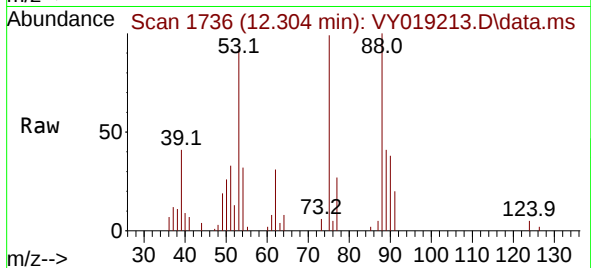
Tgt Ion:105 Resp: 95309
Ion Ratio Lower Upper
105 100
120 49.3 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.505 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

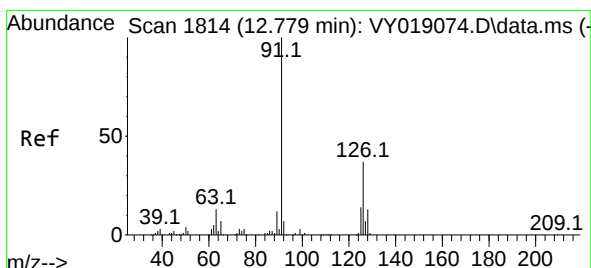
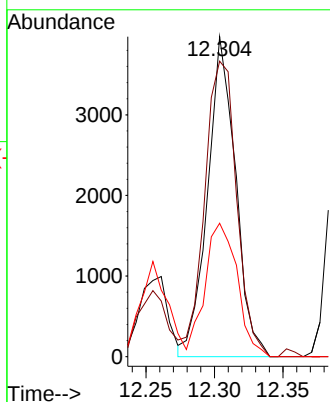
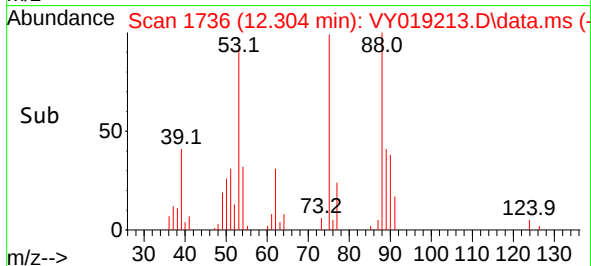
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



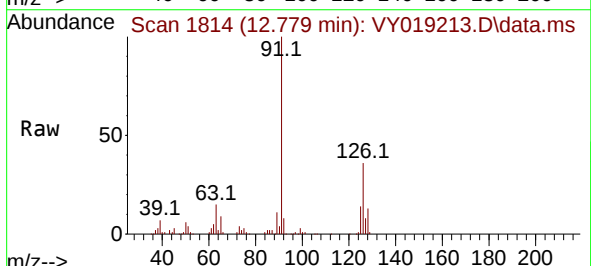
Tgt Ion: 75 Resp: 5628
Ion Ratio Lower Upper
75 100
53 105.5 66.8 100.2
89 48.2 35.8 53.6

Manual Integrations
APPROVED

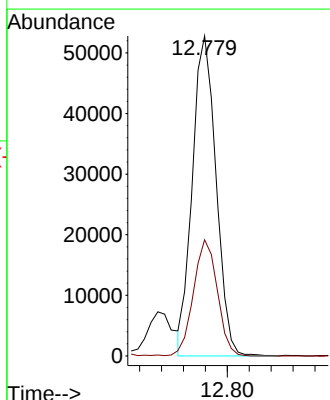
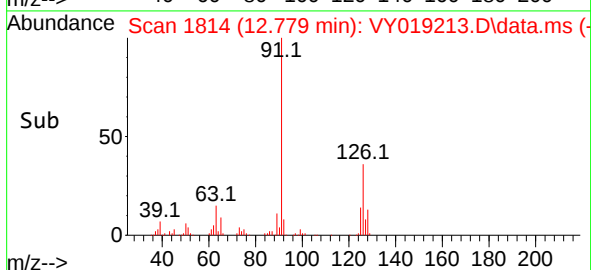
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

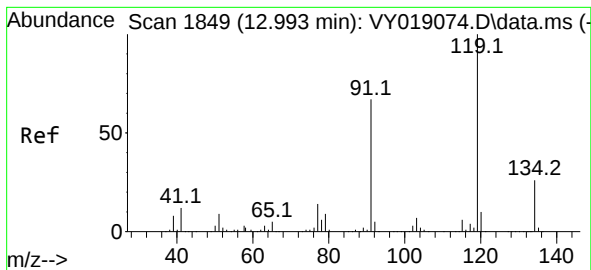


#82
4-Chlorotoluene
Concen: 19.483 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



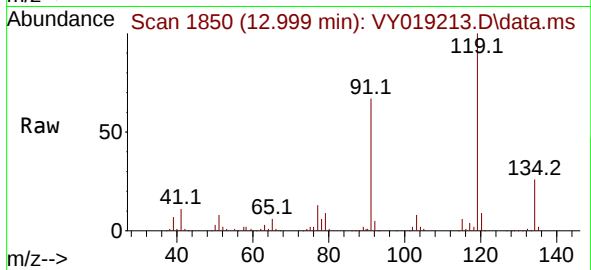
Tgt Ion: 91 Resp: 79304
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83
tert-Butylbenzene
Concen: 19.440 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

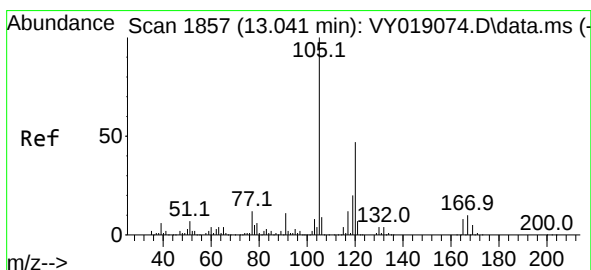
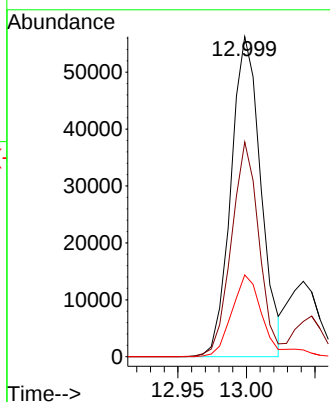
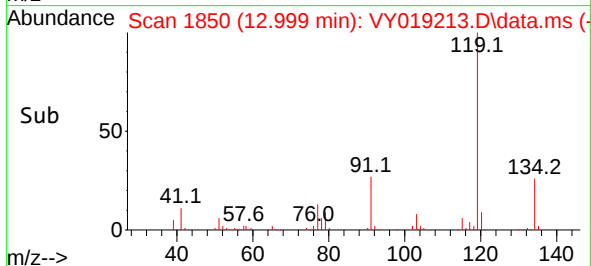
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



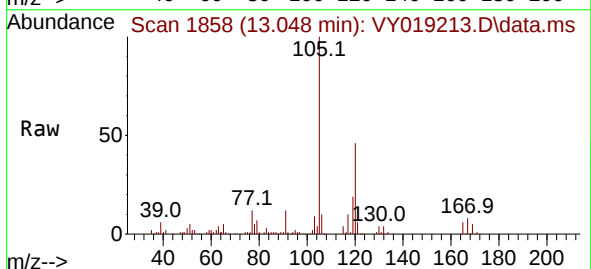
Tgt Ion:119 Resp: 8537
Ion Ratio Lower Upper
119 100
91 62.0 31.3 93.8
134 27.0 13.4 40.1

Manual Integrations
APPROVED

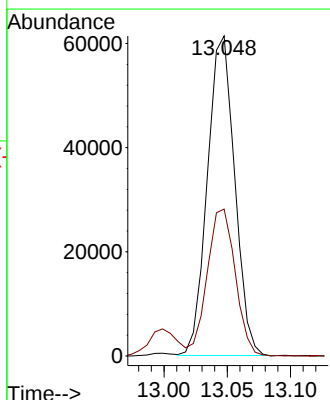
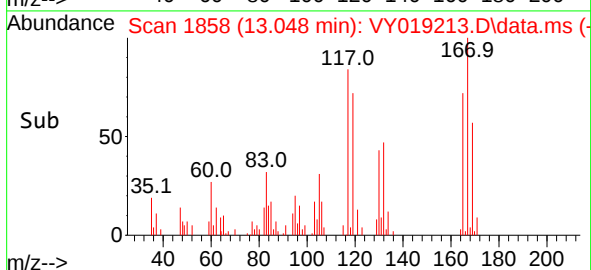
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

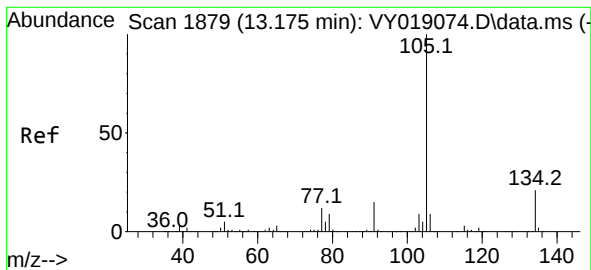


#84
1,2,4-Trimethylbenzene
Concen: 19.427 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



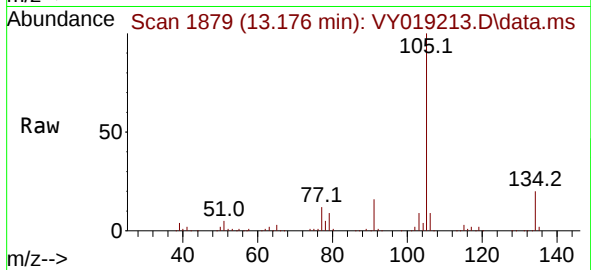
Tgt Ion:105 Resp: 92075
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6





#85
sec-Butylbenzene
Concen: 19.748 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

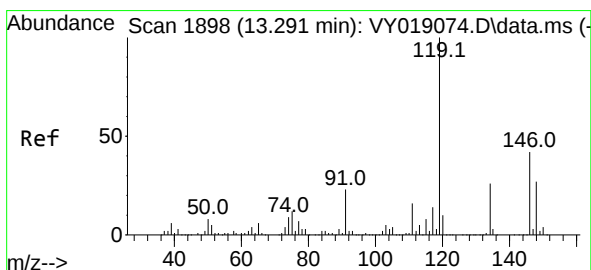
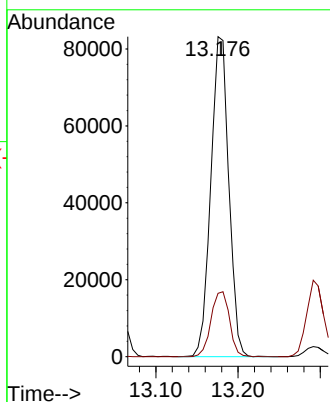
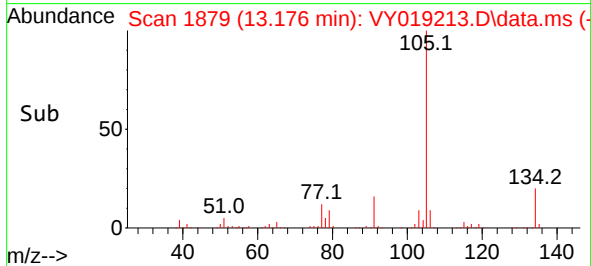
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01



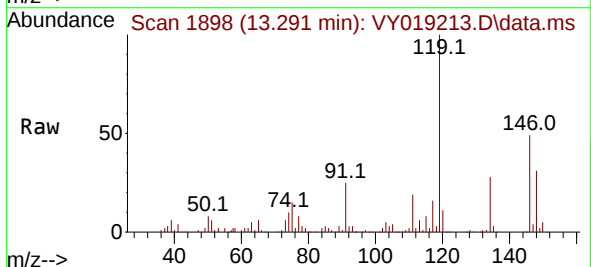
Tgt Ion:105 Resp: 126380
Ion Ratio Lower Upper
105 100
134 20.8 10.1 30.1

Manual Integrations
APPROVED

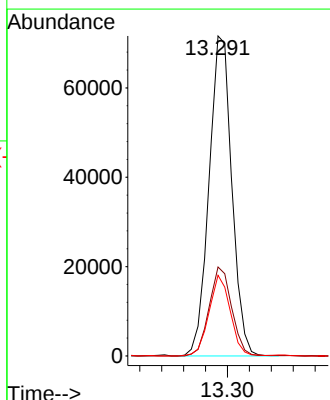
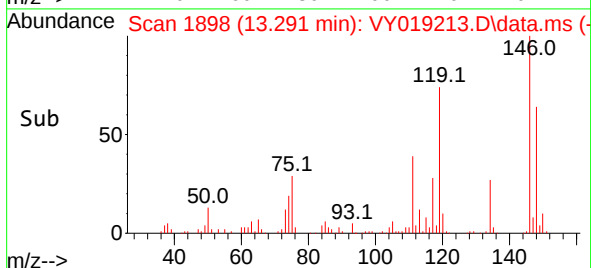
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024

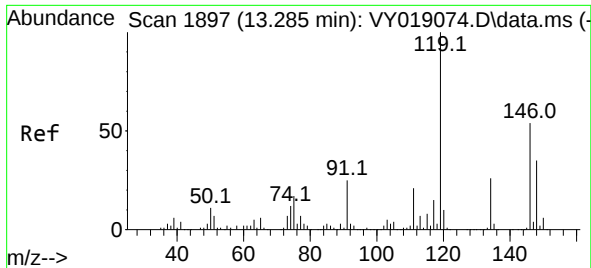


#86
p-Isopropyltoluene
Concen: 19.706 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15



Tgt Ion:119 Resp: 103590
Ion Ratio Lower Upper
119 100
134 27.4 13.1 39.3
91 23.6 10.7 32.1





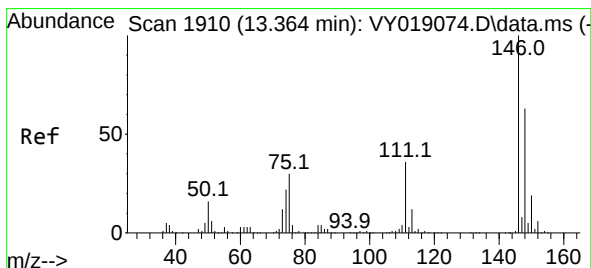
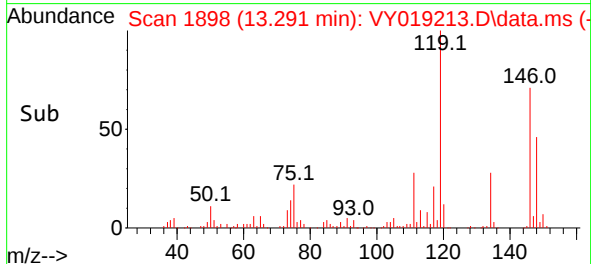
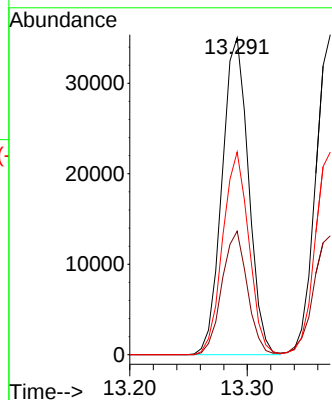
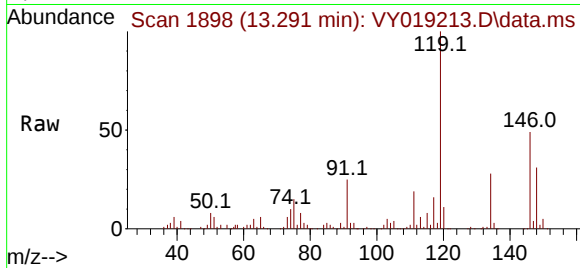
#87
1,3-Dichlorobenzene
Concen: 19.854 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:146 Resp: 5489
Ion Ratio Lower Upper
146 100
111 37.5 19.0 57.0
148 63.1 31.7 95.1

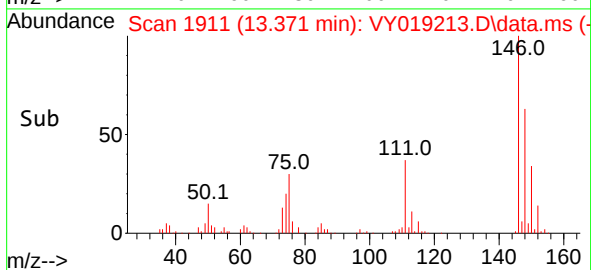
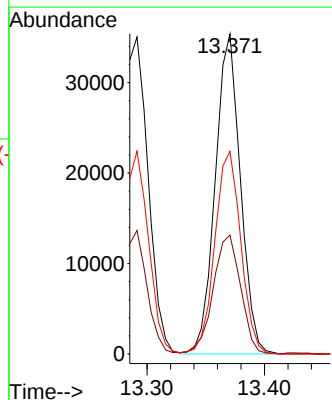
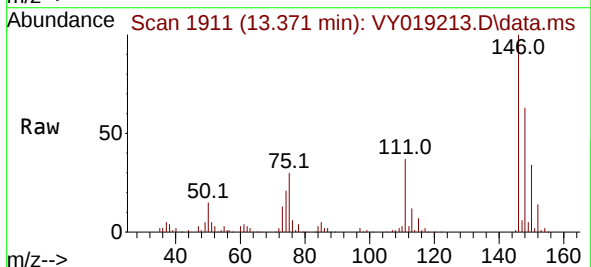
Manual Integrations
APPROVED

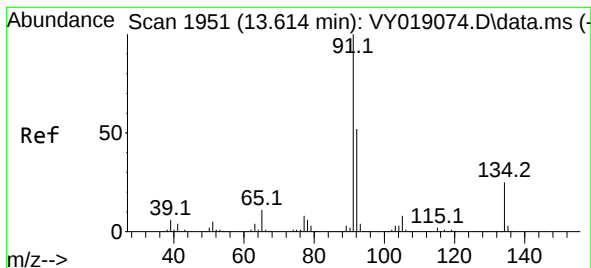
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#88
1,4-Dichlorobenzene
Concen: 19.190 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion:146 Resp: 52739
Ion Ratio Lower Upper
146 100
111 40.6 18.4 55.4
148 65.6 32.4 97.2





#89

n-Butylbenzene

Concen: 19.784 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

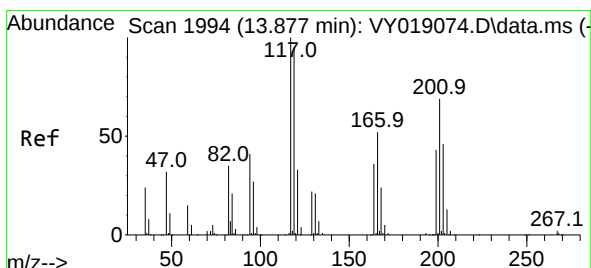
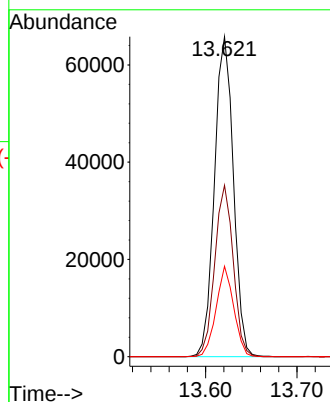
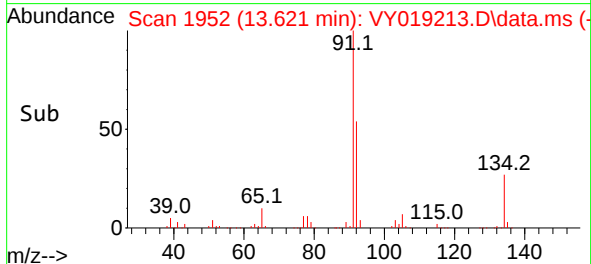
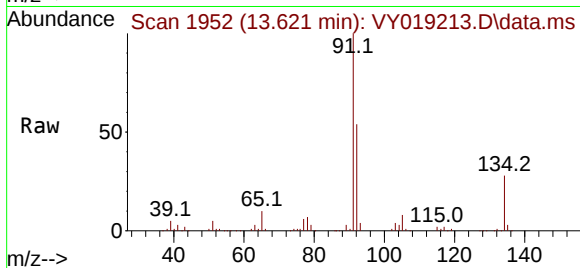
VY0822SBS01

Tgt Ion:	91	Resp:	94818
Ion Ratio	Lower	Upper	
91	100		
92	52.2	26.6	79.7
134	26.4	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#90

Hexachloroethane

Concen: 20.358 ug/l

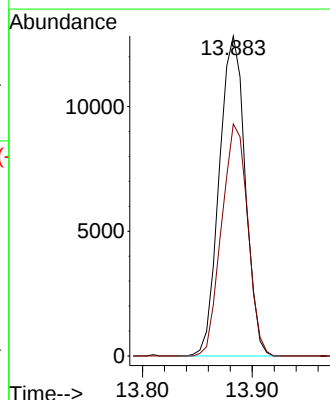
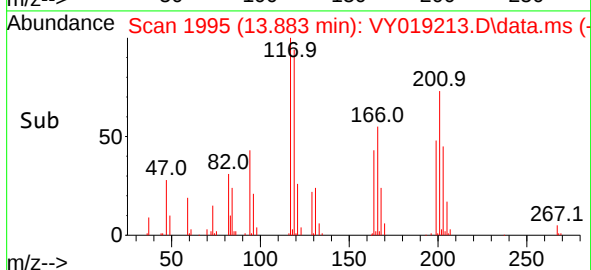
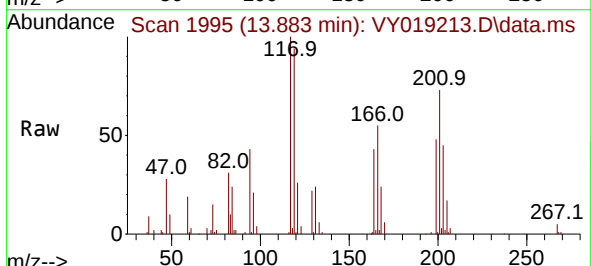
RT: 13.883 min Scan# 1995

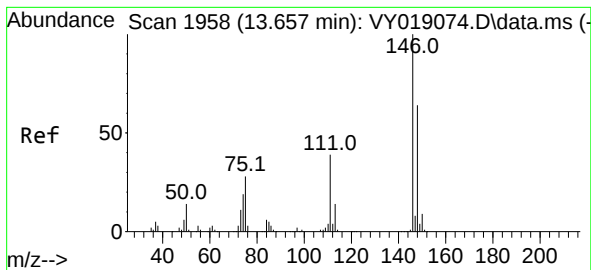
Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:	117	Resp:	21094
Ion Ratio	Lower	Upper	
117	100		
201	72.9	37.4	112.2





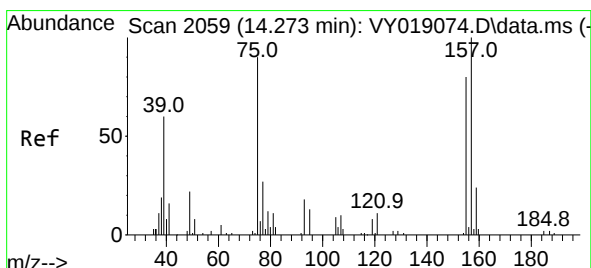
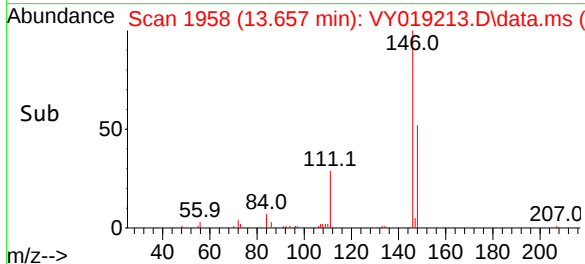
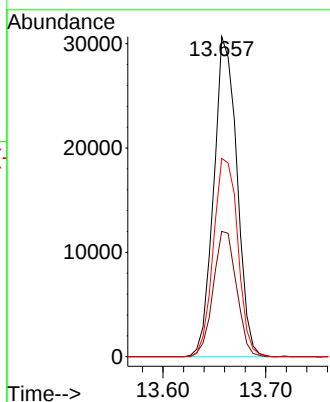
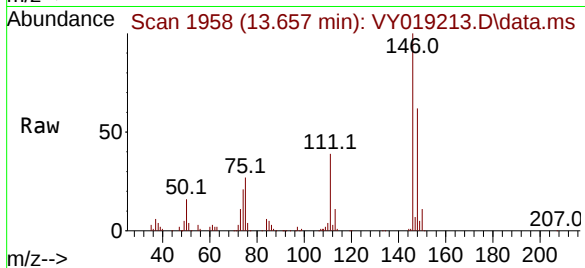
#91
1,2-Dichlorobenzene
Concen: 19.753 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS01

Tgt Ion:146 Resp: 4803
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.7
148 65.2 31.8 95.4

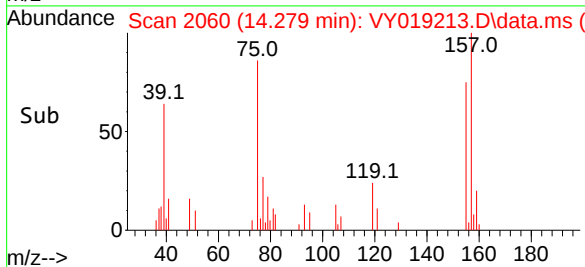
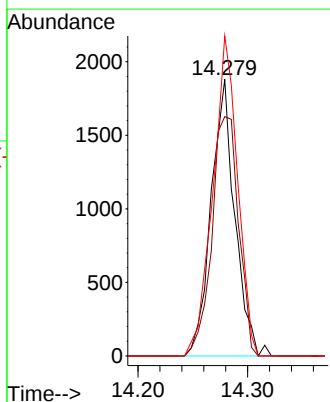
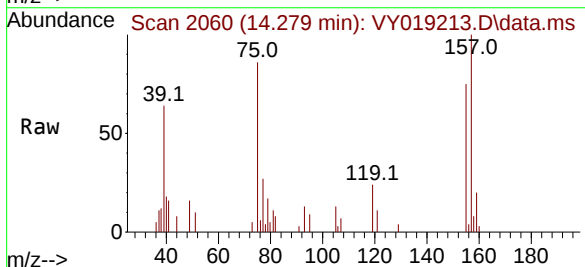
Manual Integrations
APPROVED

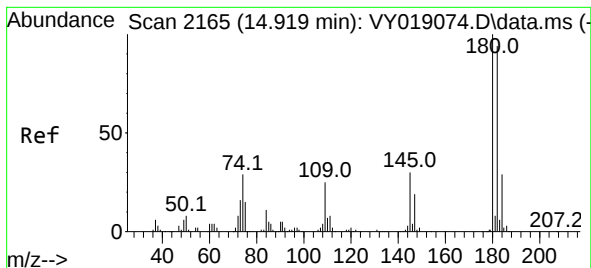
Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.524 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019213.D
Acq: 22 Aug 2024 12:15

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
155 97.4 48.6 145.8
157 120.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.006 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

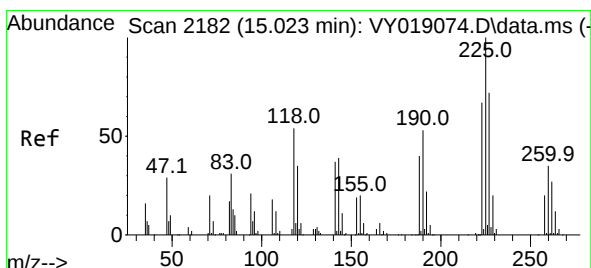
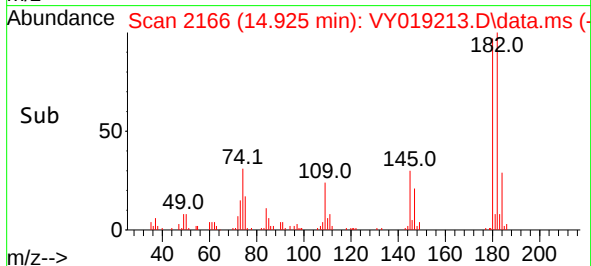
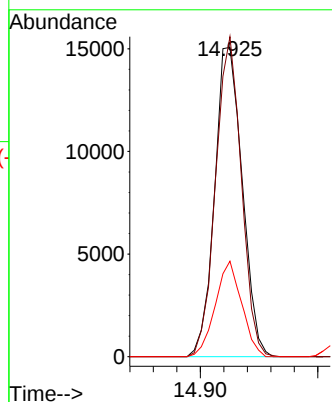
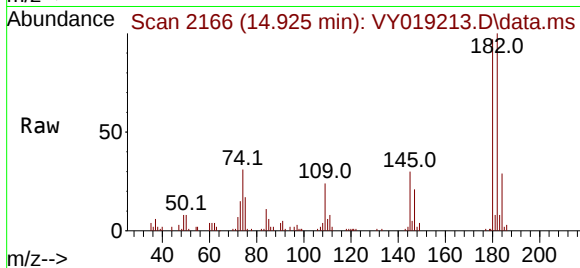
VY0822SBS01

Tgt Ion:180	Resp:	2469
Ion Ratio	Lower	Upper
180	100	
182	95.7	47.9 143.8
145	29.4	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#94

Hexachlorobutadiene

Concen: 20.645 ug/l

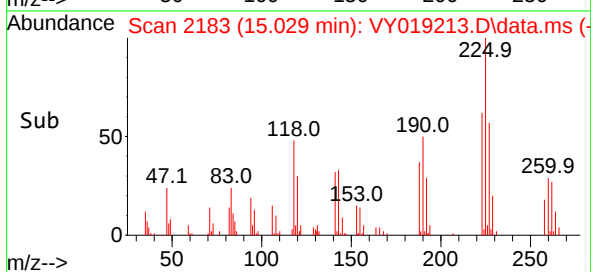
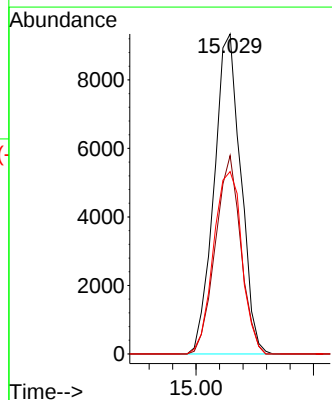
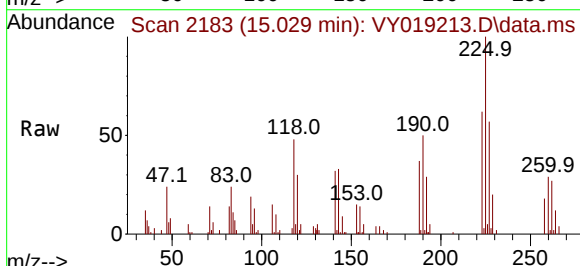
RT: 15.029 min Scan# 2183

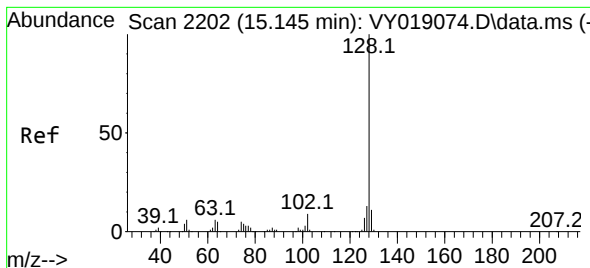
Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:225	Resp:	14746
Ion Ratio	Lower	Upper
225	100	
223	59.2	30.4 91.2
227	60.6	31.9 95.9





#95

Naphthalene

Concen: 17.102 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

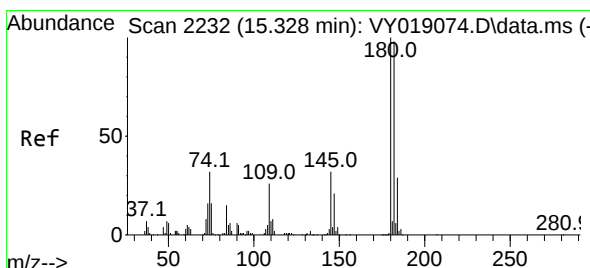
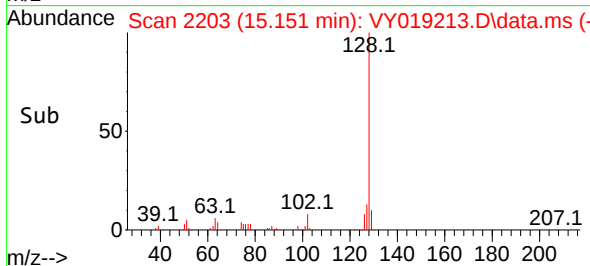
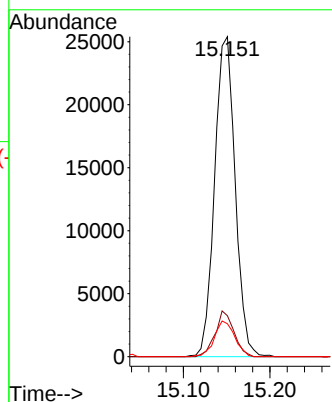
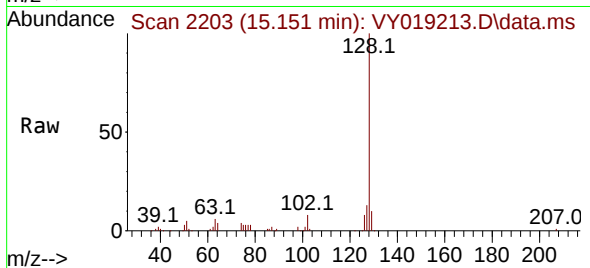
VY0822SBS01

Tgt Ion:	128	Resp:	41854
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
Supervised By :Semsettin Yesilyurt 08/23/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.055 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019213.D

Acq: 22 Aug 2024 12:15

Tgt Ion:	180	Resp:	20882
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.6	142.9
145	33.2	15.4	46.1

