

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016986.D
 Acq On : 12 Jan 2024 12:26
 Operator : SY/MD
 Sample : VY0112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 13 00:03:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	112179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	190855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	162698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	70288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57070	51.473	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.940%			
35) Dibromofluoromethane	7.740	113	63771	52.435	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.197	98	223849	53.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.900%			
62) 4-Bromofluorobenzene	12.495	95	74229	52.534	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	18738	20.272	ug/l	97
3) Chloromethane	2.125	50	27586	20.934	ug/l	97
4) Vinyl Chloride	2.259	62	33046	21.260	ug/l	98
5) Bromomethane	2.662	94	24371	21.885	ug/l	97
6) Chloroethane	2.808	64	22961	21.837	ug/l	99
7) Trichlorofluoromethane	3.143	101	41996	21.927	ug/l	100
8) Diethyl Ether	3.540	74	12908	21.089	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	27740	22.276	ug/l	100
10) Methyl Iodide	4.113	142	21233	20.042	ug/l	97
11) Tert butyl alcohol	4.978	59	11518	126.383	ug/l	97
12) 1,1-Dichloroethene	3.893	96	22432	20.995	ug/l	94
13) Acrolein	3.747	56	12407	97.827	ug/l	98
14) Allyl chloride	4.503	41	35715	21.144	ug/l	98
15) Acrylonitrile	5.192	53	29617	103.450	ug/l	98
16) Acetone	3.966	43	38560	129.473	ug/l	95
17) Carbon Disulfide	4.216	76	45486	17.817	ug/l	97
18) Methyl Acetate	4.503	43	22239	18.722	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	60429	21.739	ug/l	97
20) Methylene Chloride	4.741	84	34232	18.991	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	25521	20.855	ug/l	99
22) Diisopropyl ether	6.143	45	87550	22.420	ug/l	96
23) Vinyl Acetate	6.082	43	195099	108.959	ug/l	98
24) 1,1-Dichloroethane	6.045	63	52040	22.176	ug/l	99
25) 2-Butanone	7.002	43	45050	113.781	ug/l	97
26) 2,2-Dichloropropane	7.002	77	45709	22.465	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	32127	22.396	ug/l	99
28) Bromochloromethane	7.356	49	18980	21.544	ug/l	99
29) Tetrahydrofuran	7.368	42	21666	96.549	ug/l	99
30) Chloroform	7.527	83	54481	22.529	ug/l	99
31) Cyclohexane	7.807	56	38449	20.205	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	46026	22.446	ug/l	99
36) 1,1-Dichloropropene	7.941	75	37806	21.330	ug/l	100
37) Ethyl Acetate	7.094	43	16944	21.036	ug/l	100
38) Carbon Tetrachloride	7.923	117	39394	21.876	ug/l	98
39) Methylcyclohexane	9.203	83	40432	20.292	ug/l	99
40) Benzene	8.179	78	111780	21.023	ug/l	98

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Quant Time: Jan 13 00:03:00 2024
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	9090	21.428	ug/l	96
42) 1,2-Dichloroethane	8.258	62	30710	21.757	ug/l	99
43) Isopropyl Acetate	8.289	43	31743	20.580	ug/l	100
44) Trichloroethene	8.959	130	29174	21.563	ug/l	93
45) 1,2-Dichloropropane	9.234	63	30026	21.920	ug/l	99
46) Dibromomethane	9.319	93	14556	20.836	ug/l	99
47) Bromodichloromethane	9.514	83	40745	21.720	ug/l	96
48) Methyl methacrylate	9.313	41	15936	19.144	ug/l	93
49) 1,4-Dioxane	9.319	88	3094	427.742	ug/l	95
51) 4-Methyl-2-Pentanone	10.087	43	82959	101.132	ug/l	99
52) Toluene	10.258	92	69421	21.635	ug/l	98
53) t-1,3-Dichloropropene	10.484	75	35278	20.995	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	42470	21.046	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	21606	21.170	ug/l	97
56) Ethyl methacrylate	10.526	69	17817	20.611	ug/l	97
57) 1,3-Dichloropropane	10.807	76	36330	21.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	44207	93.038	ug/l	98
59) 2-Hexanone	10.849	43	63382	104.934	ug/l	99
60) Dibromochloromethane	11.002	129	25333	21.524	ug/l	97
61) 1,2-Dibromoethane	11.105	107	18218	20.545	ug/l	96
64) Tetrachloroethene	10.734	164	23319	22.108	ug/l	95
65) Chlorobenzene	11.532	112	74457	21.968	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	28397	22.040	ug/l	99
67) Ethyl Benzene	11.611	91	134241	22.000	ug/l	99
68) m/p-Xylenes	11.721	106	99504	44.426	ug/l	99
69) o-Xylene	12.044	106	45286	21.568	ug/l	97
70) Styrene	12.063	104	67314	22.027	ug/l	99
71) Bromoform	12.227	173	13117	20.680	ug/l #	98
73) Isopropylbenzene	12.343	105	129694	22.596	ug/l	99
74) N-amyl acetate	12.160	43	24352	21.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.599	83	24454	20.910	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	15303m	20.063	ug/l	
77) Bromobenzene	12.623	156	27181	21.509	ug/l	99
78) n-propylbenzene	12.684	91	154407	22.128	ug/l	100
79) 2-Chlorotoluene	12.770	91	85709	22.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	103333	22.763	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	6592	19.625	ug/l	98
82) 4-Chlorotoluene	12.867	91	89455	22.629	ug/l	99
83) tert-Butylbenzene	13.087	119	88152	22.047	ug/l	96
84) 1,2,4-Trimethylbenzene	13.136	105	100886	22.567	ug/l	100
85) sec-Butylbenzene	13.270	105	135067	22.798	ug/l	100
86) p-Isopropyltoluene	13.385	119	109740	22.444	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	54135	21.842	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	53855	22.217	ug/l	99
89) n-Butylbenzene	13.709	91	105230	22.384	ug/l	99
90) Hexachloroethane	13.977	117	23581	22.444	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	46434	21.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3125	21.309	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	23802	22.379	ug/l	98
94) Hexachlorobutadiene	15.129	225	14824	22.249	ug/l	98
95) Naphthalene	15.251	128	39683	22.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	20204	22.372	ug/l	97

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MSVOA_Y
ClientSampleId :
VY0112SBS01

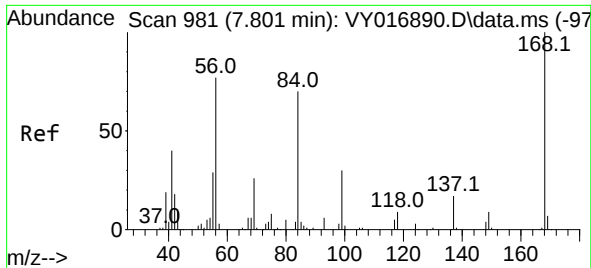
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024

Quant Time: Jan 13 00:03:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

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



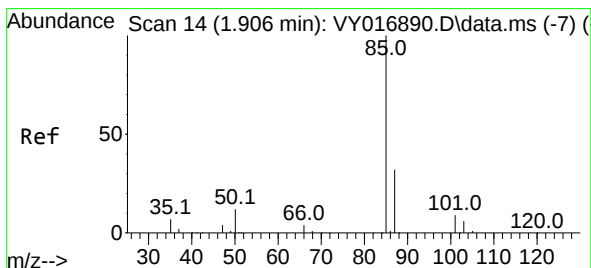
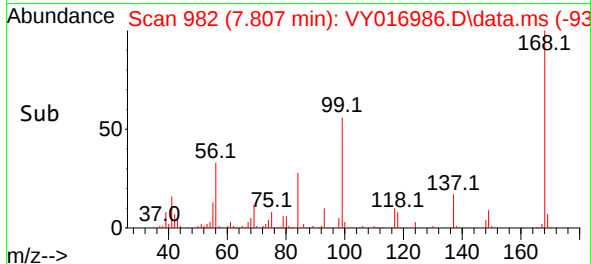
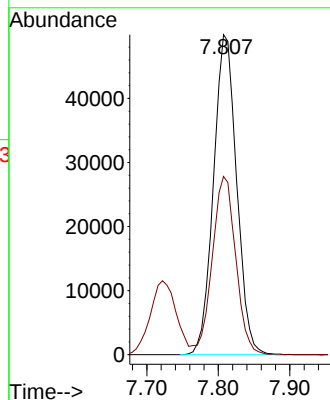
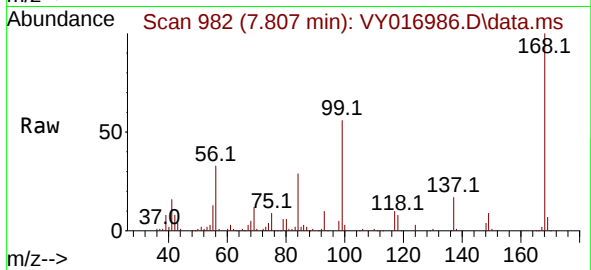
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:168 Resp: 112179
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4

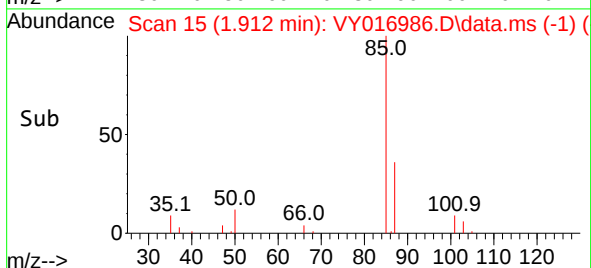
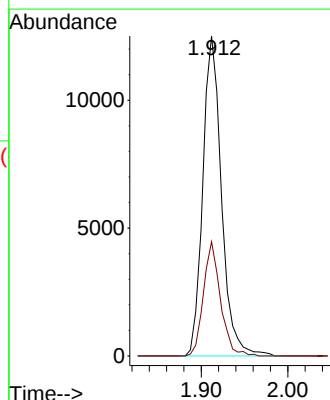
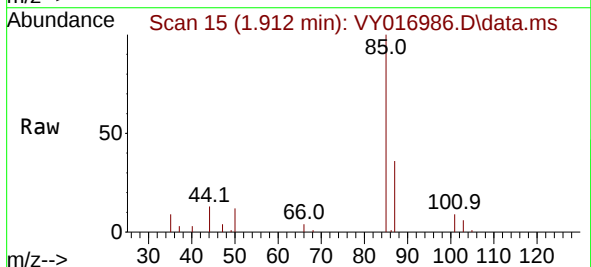
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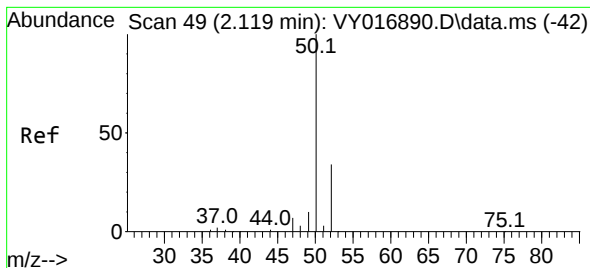
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#2
Dichlorodifluoromethane
Concen: 20.272 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 85 Resp: 18738
Ion Ratio Lower Upper
85 100
87 35.7 17.1 51.3





#3

Chloromethane

Concen: 20.934 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 50 Resp: 27586

Ion Ratio Lower Upper

50 100

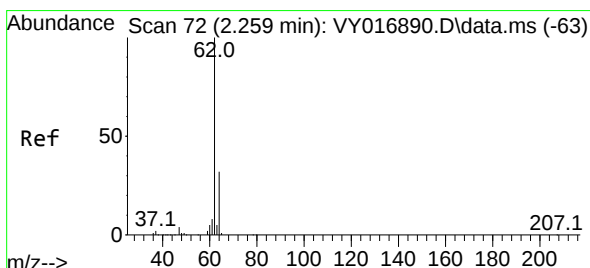
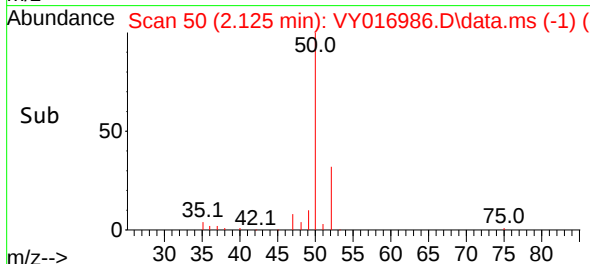
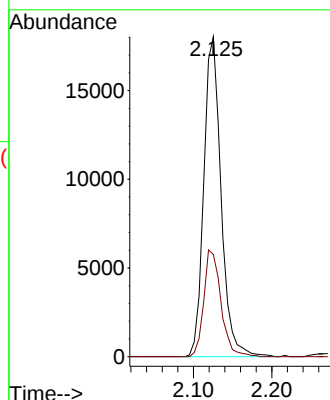
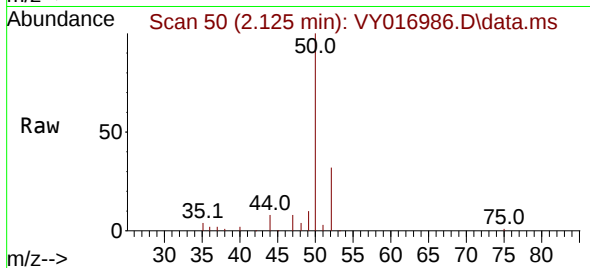
52 32.0 26.7 40.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#4

Vinyl Chloride

Concen: 21.260 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016986.D

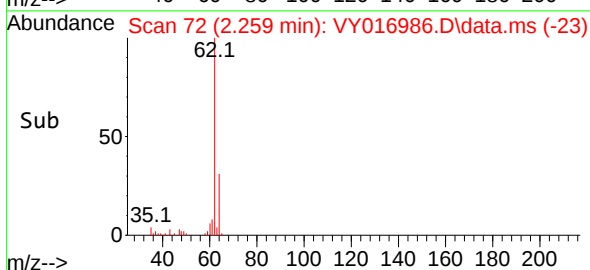
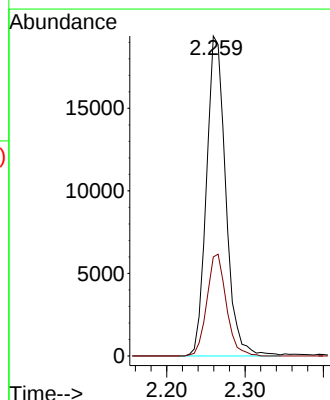
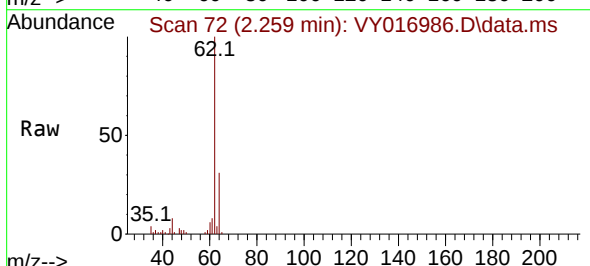
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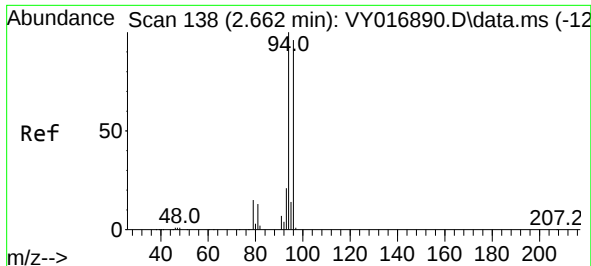
Tgt Ion: 62 Resp: 33046

Ion Ratio Lower Upper

62 100

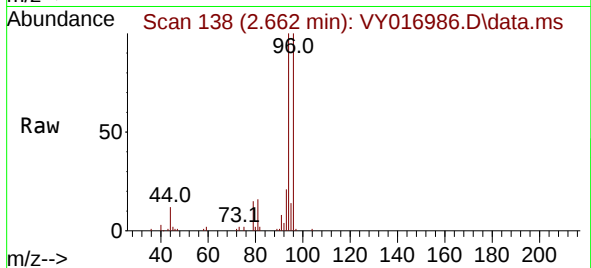
64 31.0 25.7 38.5





#5
Bromomethane
Concen: 21.885 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

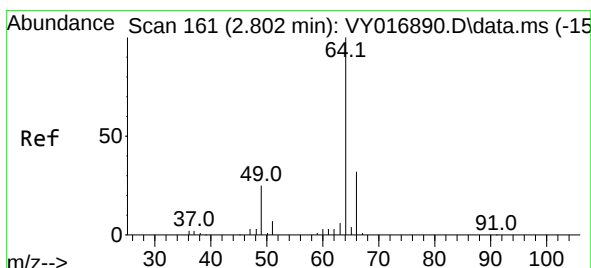
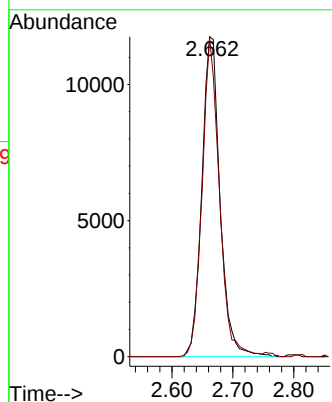
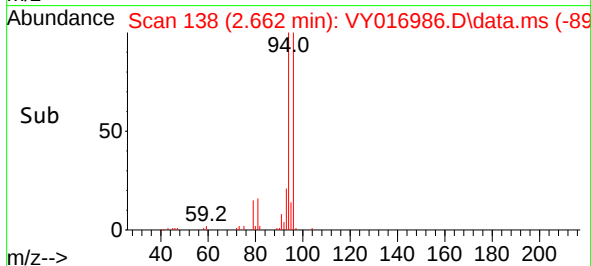
Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 2437
Ion Ratio Lower Upper
94 100
96 99.5 77.3 115.9

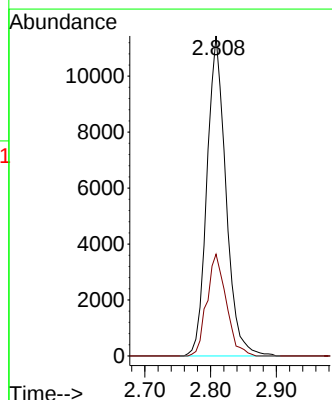
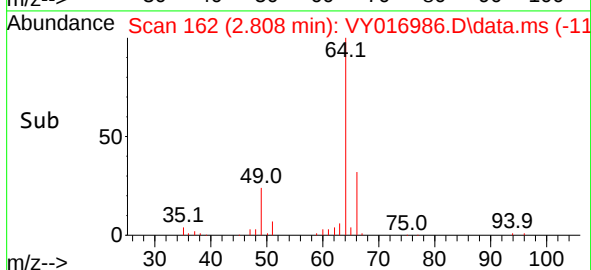
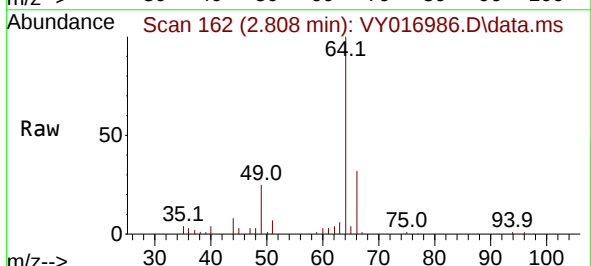
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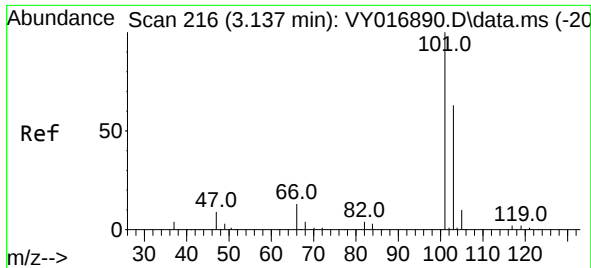
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#6
Chloroethane
Concen: 21.837 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 64 Resp: 22961
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7





#7

Trichlorofluoromethane

Concen: 21.927 ug/l

RT: 3.143 min Scan# 216

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion:101 Resp: 41990

Ion Ratio Lower Upper

101 100

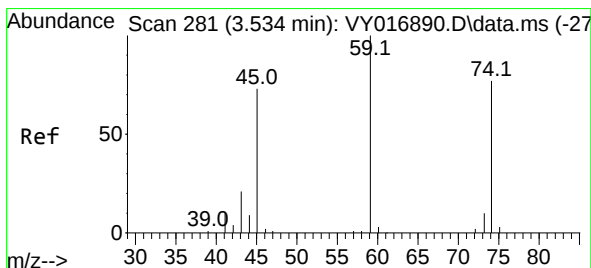
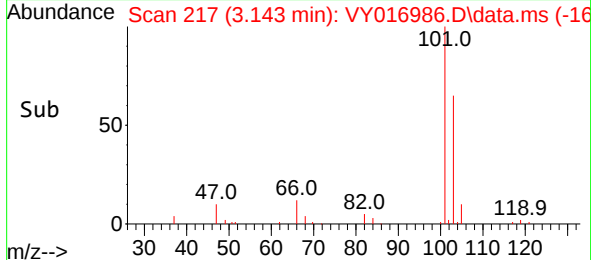
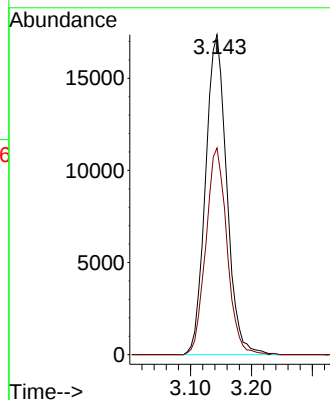
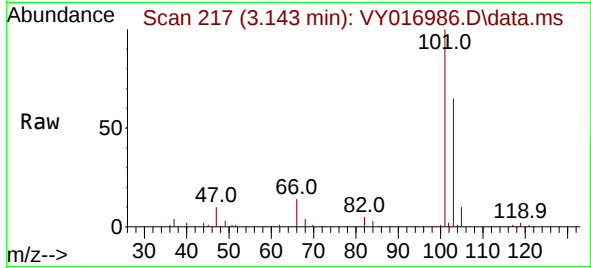
103 64.6 51.9 77.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#8

Diethyl Ether

Concen: 21.089 ug/l

RT: 3.540 min Scan# 282

Delta R.T. -0.000 min

Lab File: VY016986.D

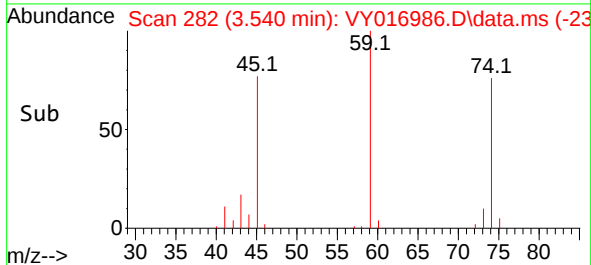
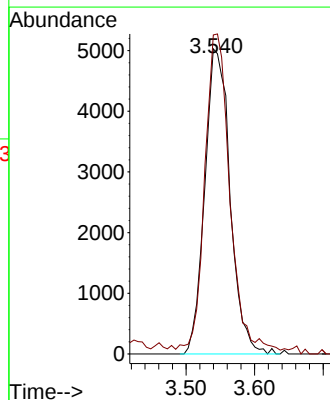
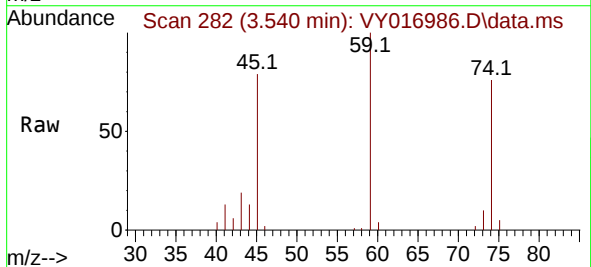
Acq: 12 Jan 2024 12:26

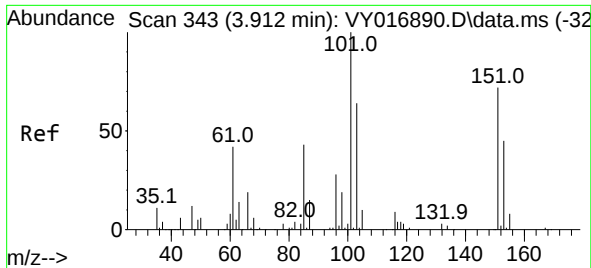
Tgt Ion: 74 Resp: 12908

Ion Ratio Lower Upper

74 100

45 100.4 47.9 143.7





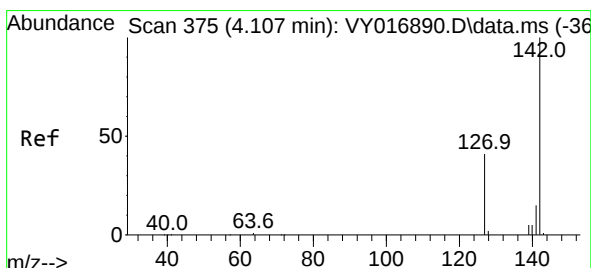
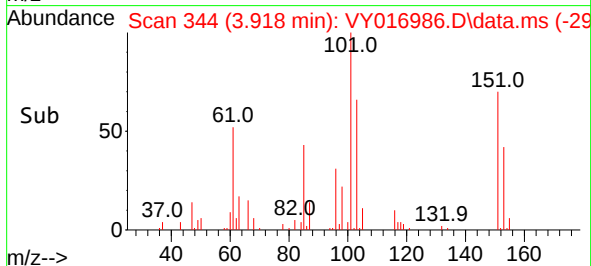
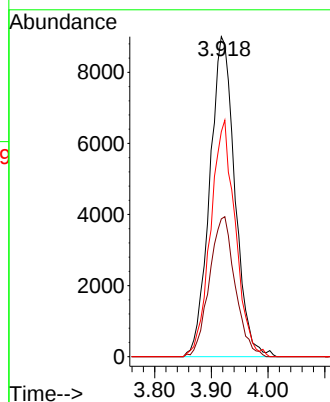
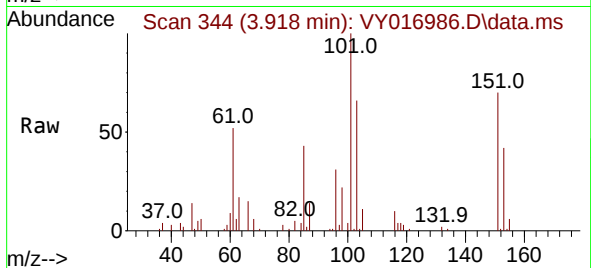
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.276 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:101 Resp: 27740
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 72.8 58.6 88.0

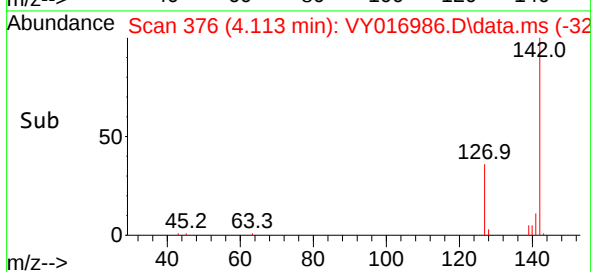
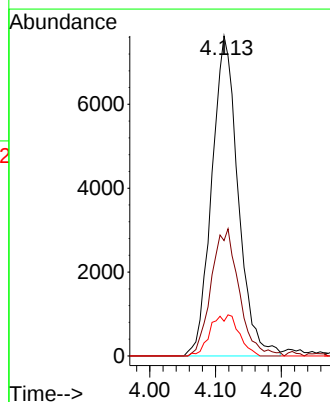
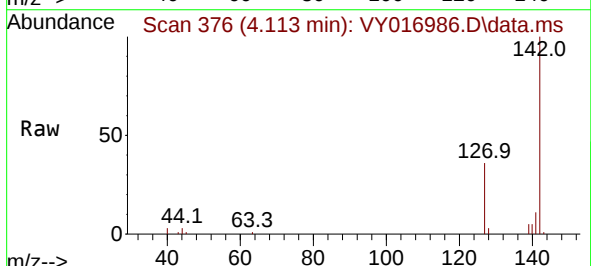
Manual Integrations
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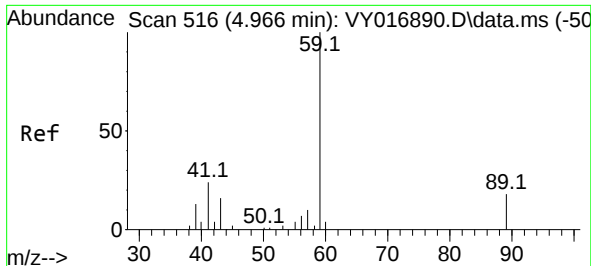
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#10
Methyl Iodide
Concen: 20.042 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:142 Resp: 21233
Ion Ratio Lower Upper
142 100
127 42.0 35.1 52.7
141 14.0 11.8 17.6





#11

Tert butyl alcohol

Concen: 126.383 ug/l

RT: 4.978 min Scan# 516

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 59 Resp: 11518

Ion Ratio Lower Upper

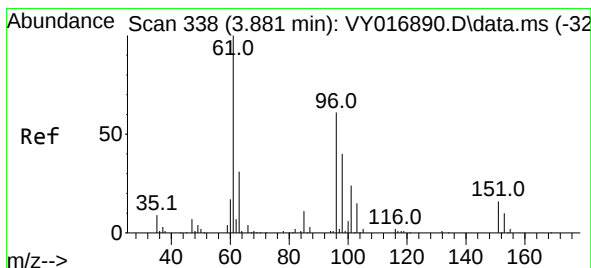
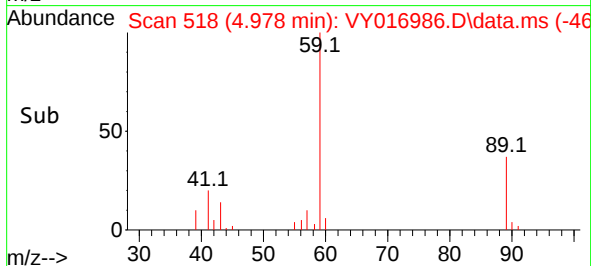
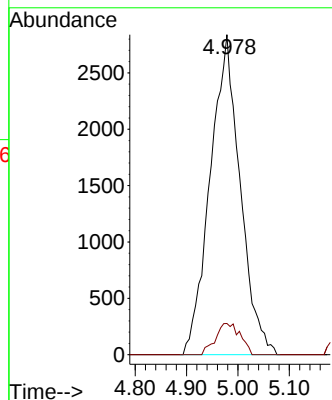
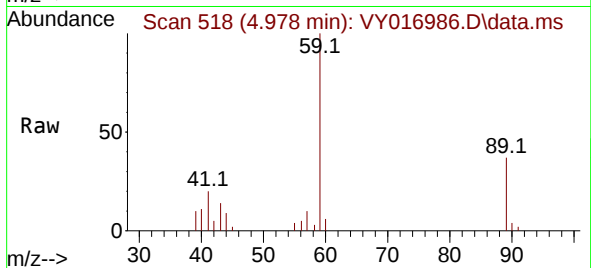
59 100

57 8.0 7.4 11.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#12

1,1-Dichloroethene

Concen: 20.995 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

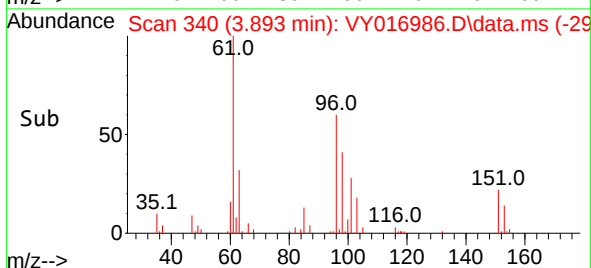
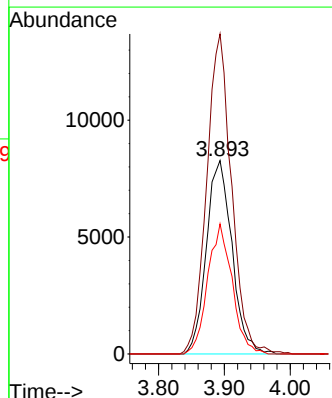
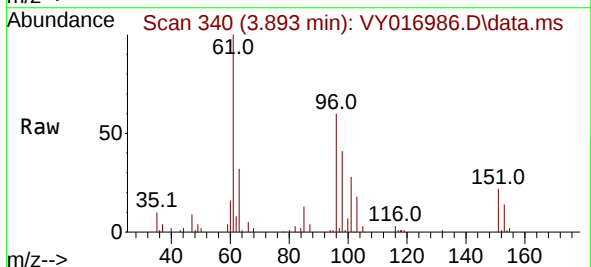
Tgt Ion: 96 Resp: 22432

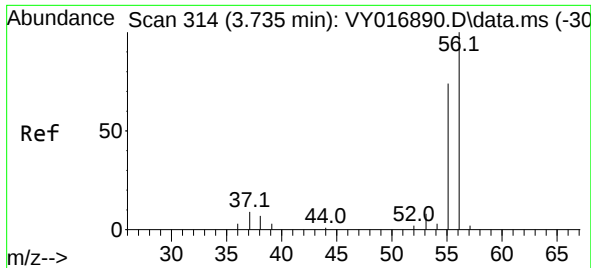
Ion Ratio Lower Upper

96 100

61 165.5 124.2 186.2

98 67.3 52.6 79.0





#13

Acrolein

Concen: 97.827 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 56 Resp: 1240

Ion Ratio Lower Upper

56 100

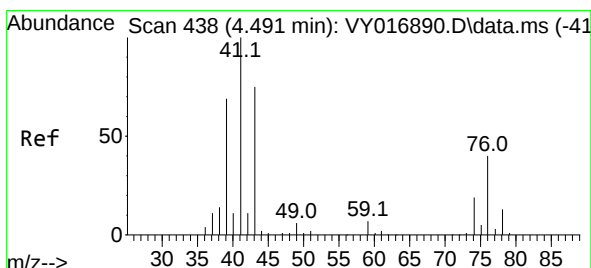
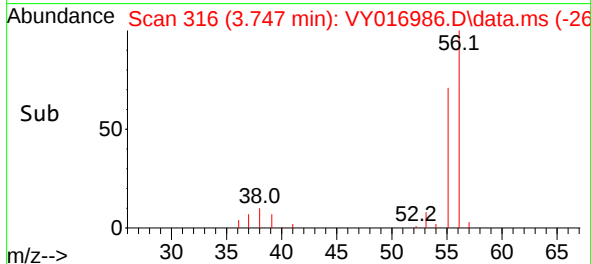
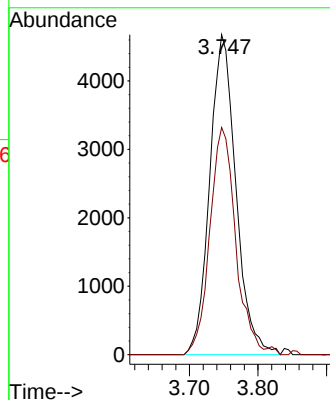
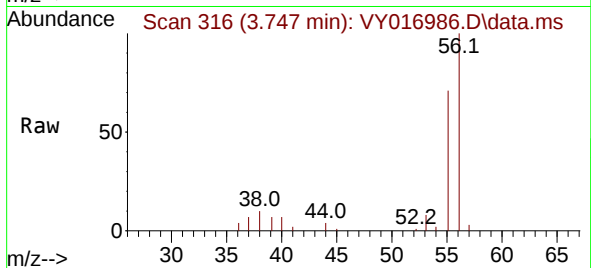
55 70.5 55.4 83.0

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Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#14

Allyl chloride

Concen: 21.144 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

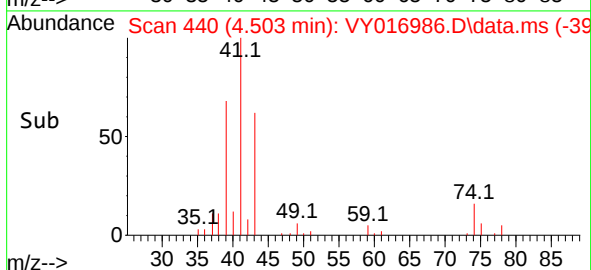
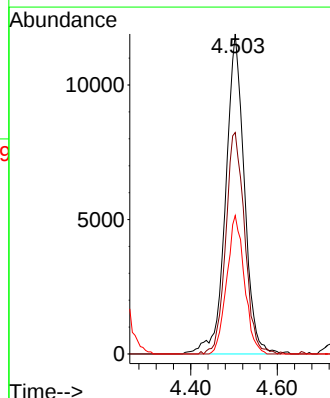
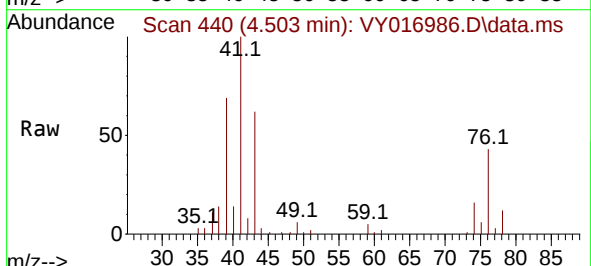
Tgt Ion: 41 Resp: 35715

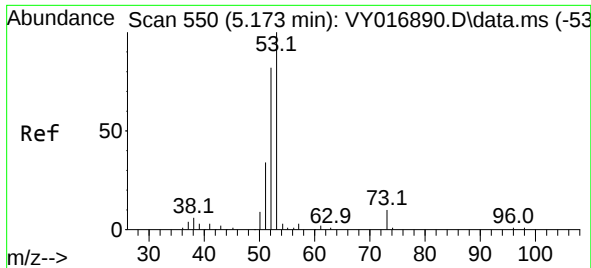
Ion Ratio Lower Upper

41 100

39 70.1 54.7 82.1

76 40.9 31.8 47.6





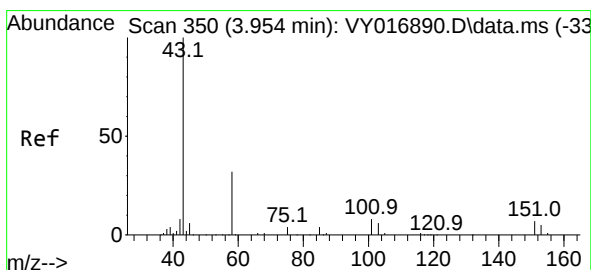
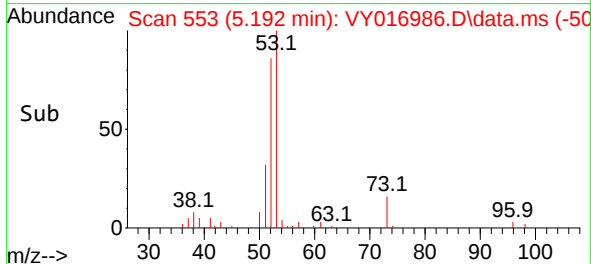
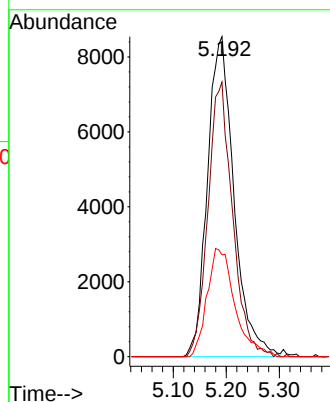
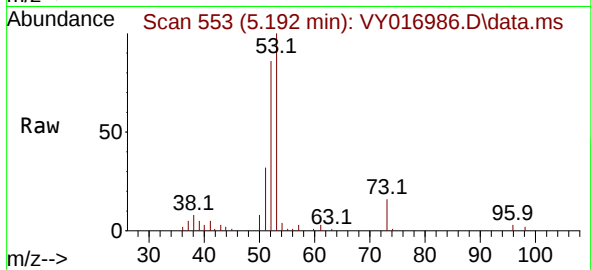
#15
Acrylonitrile
Concen: 103.450 ug/l
RT: 5.192 min Scan# 511
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 53 Resp: 2961
Ion Ratio Lower Upper
53 100
52 79.5 65.1 97.7
51 35.5 29.0 43.4

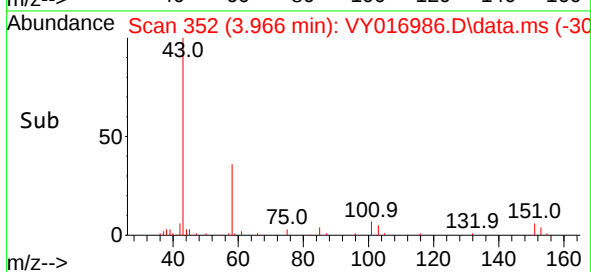
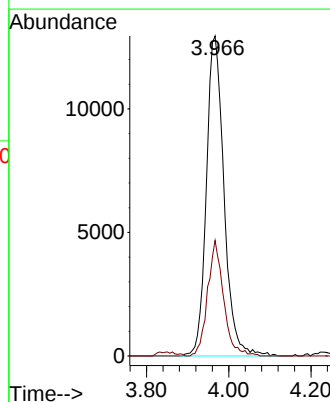
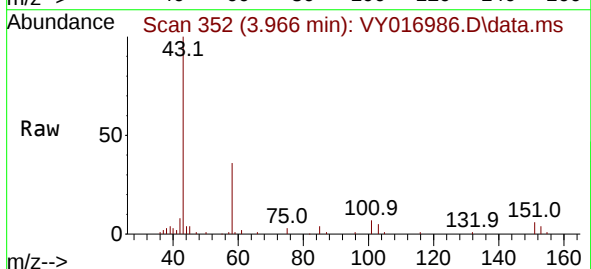
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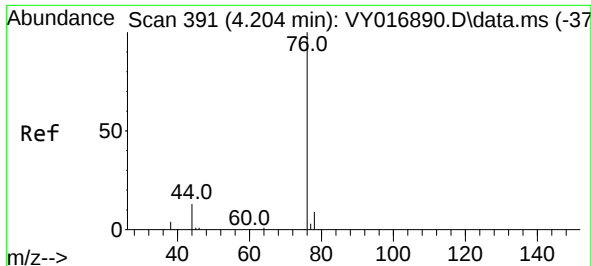
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#16
Acetone
Concen: 129.473 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 43 Resp: 38560
Ion Ratio Lower Upper
43 100
58 36.1 26.6 39.8





#17

Carbon Disulfide

Concen: 17.817 ug/l

RT: 4.216 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 76 Resp: 4548

Ion Ratio Lower Upper

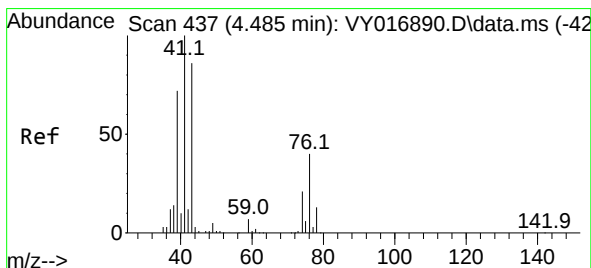
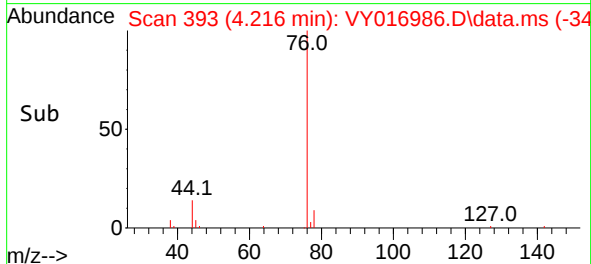
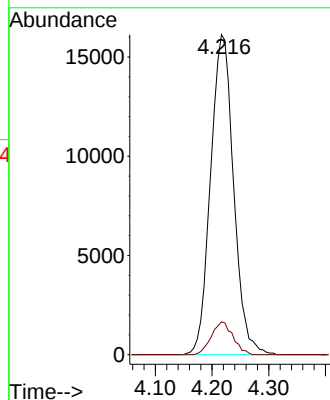
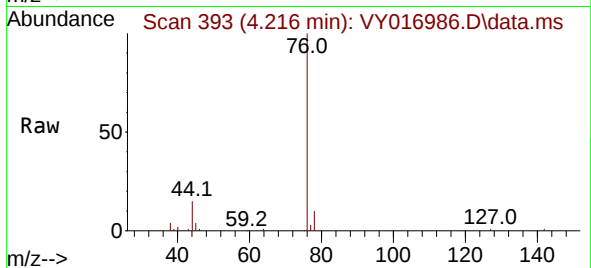
76 100

78 10.3 7.4 11.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#18

Methyl Acetate

Concen: 18.722 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016986.D

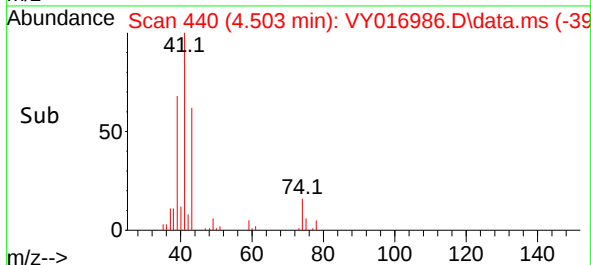
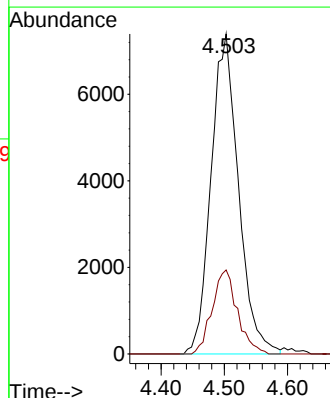
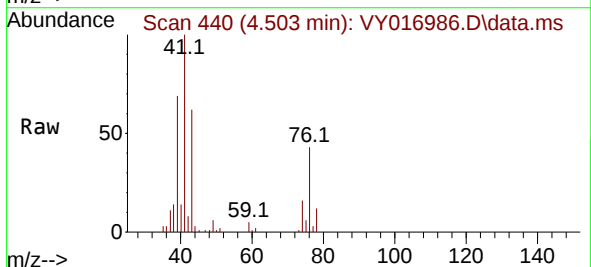
Acq: 12 Jan 2024 12:26

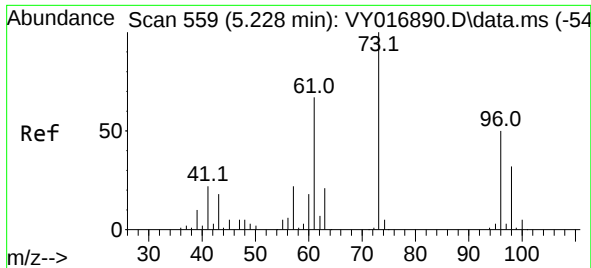
Tgt Ion: 43 Resp: 22239

Ion Ratio Lower Upper

43 100

74 24.1 19.8 29.6





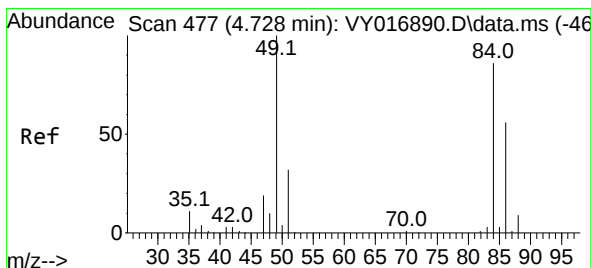
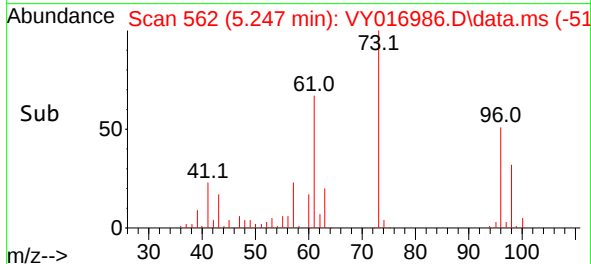
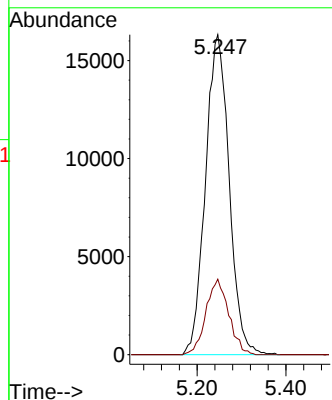
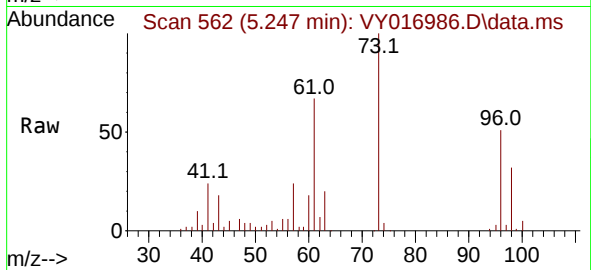
#19
Methyl tert-butyl Ether
Concen: 21.739 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 73 Resp: 60429
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5

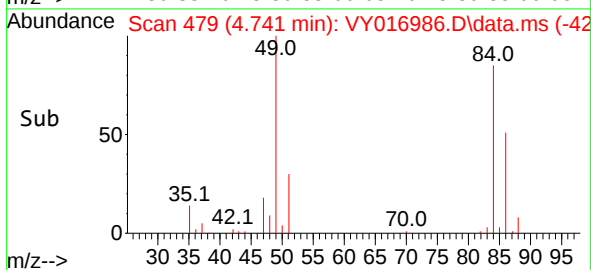
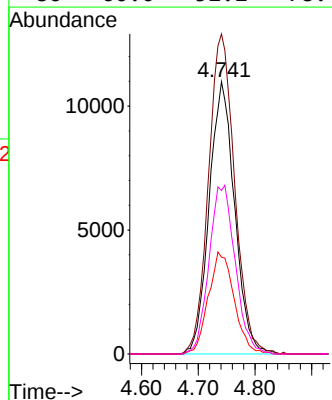
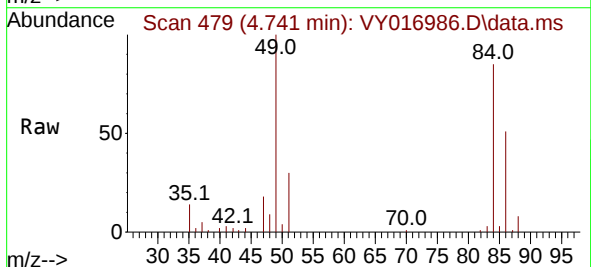
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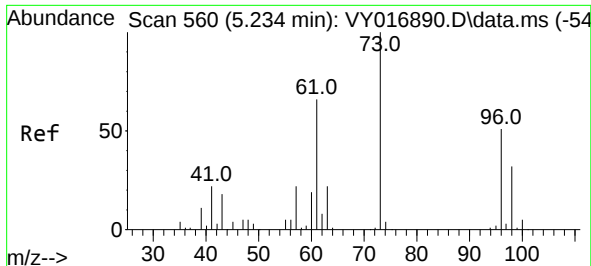
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#20
Methylene Chloride
Concen: 18.991 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 84 Resp: 34232
Ion Ratio Lower Upper
84 100
49 117.5 95.2 142.8
51 35.6 29.9 44.9
86 60.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.855 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 96 Resp: 2552

Ion Ratio Lower Upper

96 100

61 131.8 104.6 156.8

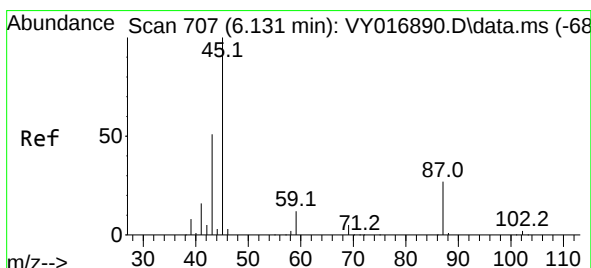
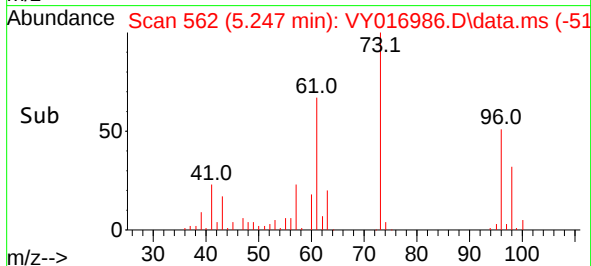
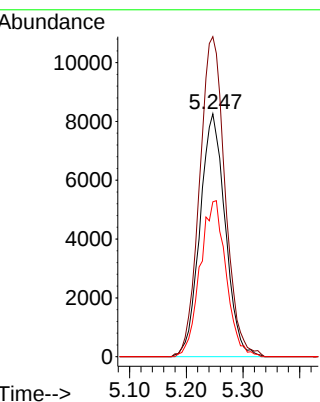
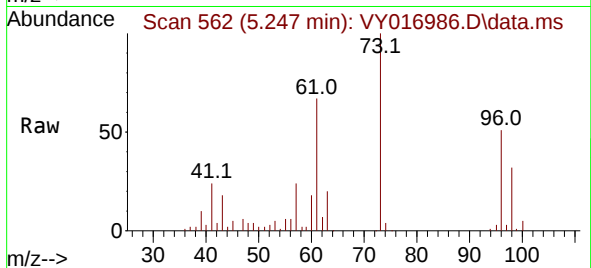
98 63.8 50.9 76.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#22

Diisopropyl ether

Concen: 22.420 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion: 45 Resp: 87550

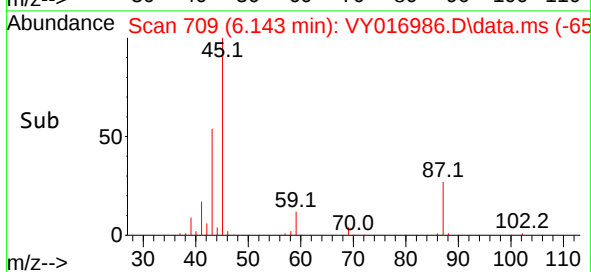
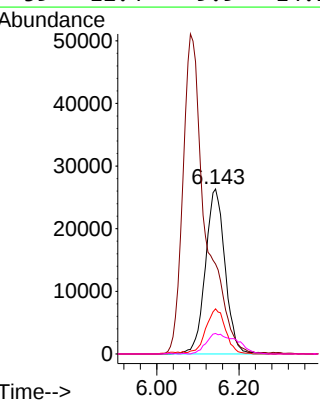
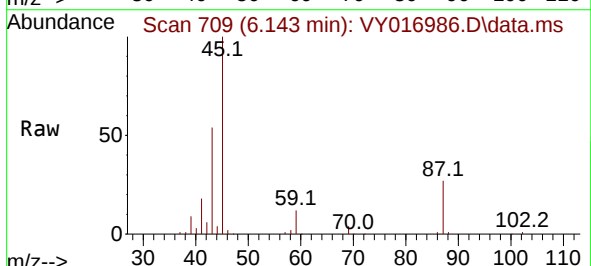
Ion Ratio Lower Upper

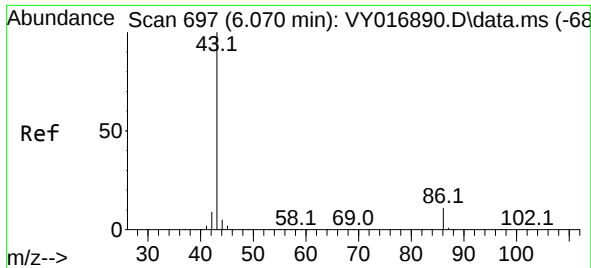
45 100

43 53.8 46.8 70.2

87 27.3 22.2 33.2

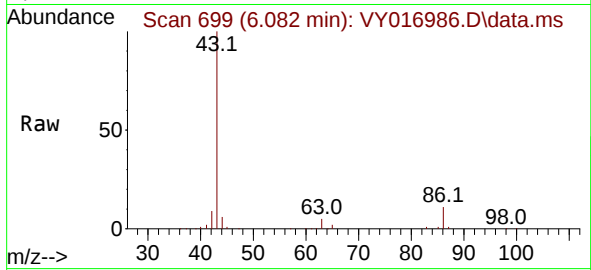
59 12.4 9.9 14.9





#23
 Vinyl Acetate
 Concen: 108.959 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

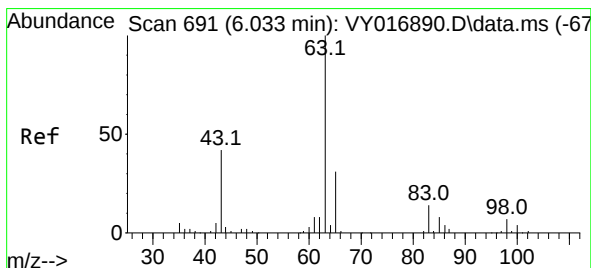
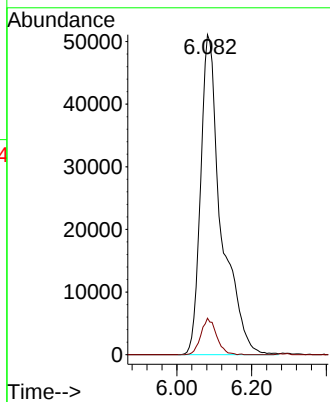
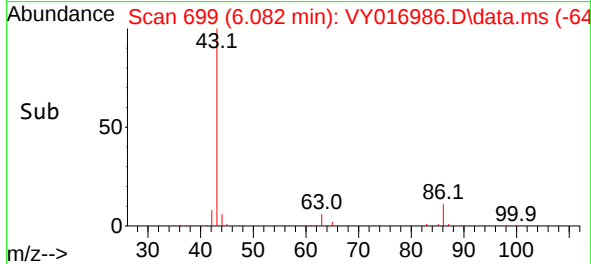
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01



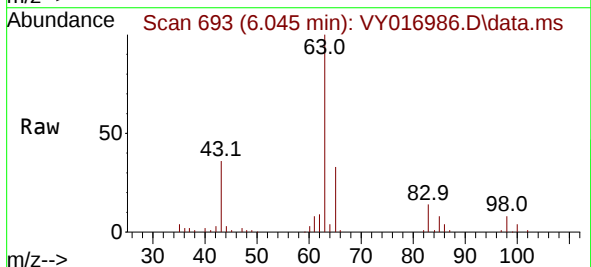
Tgt Ion: 43 Resp: 195099
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0

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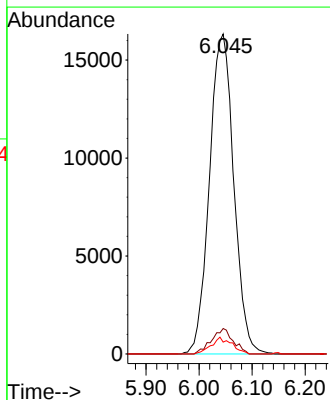
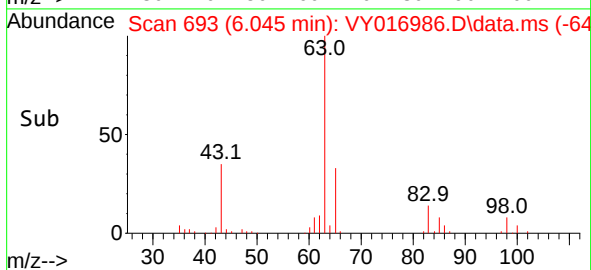
Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024

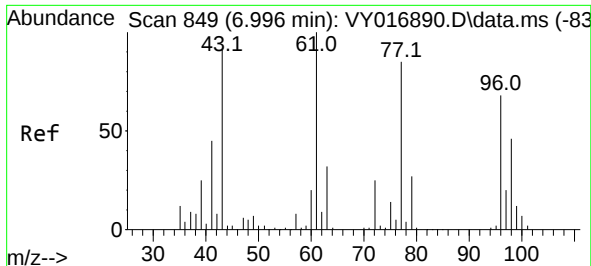


#24
 1,1-Dichloroethane
 Concen: 22.176 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26



Tgt Ion: 63 Resp: 52040
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.4
 100 3.7 2.1 6.2





#25

2-Butanone

Concen: 113.781 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 43 Resp: 45050

Ion Ratio Lower Upper

43 100

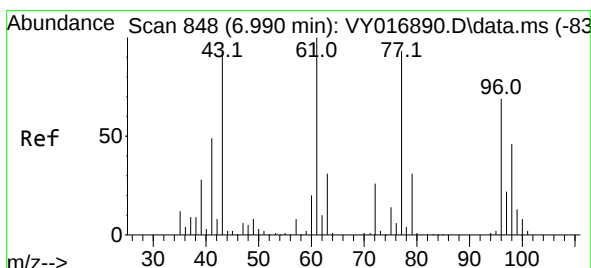
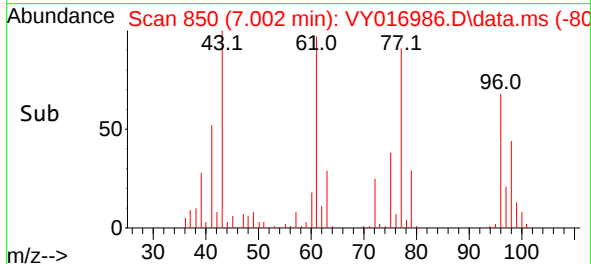
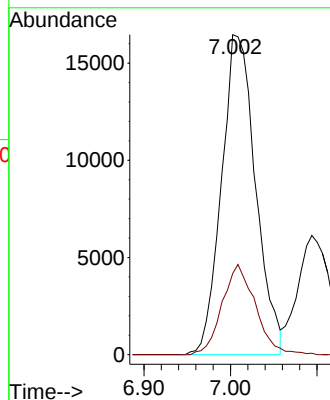
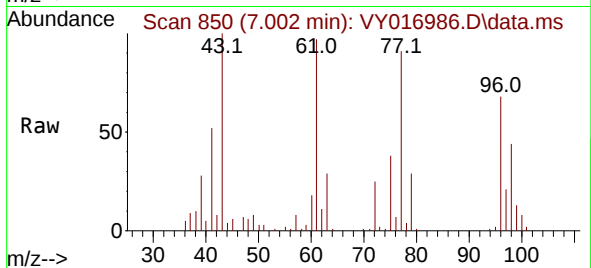
72 25.4 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#26

2,2-Dichloropropane

Concen: 22.465 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016986.D

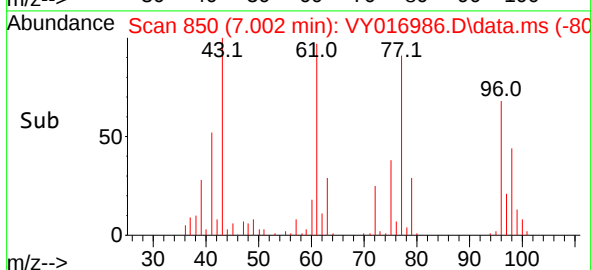
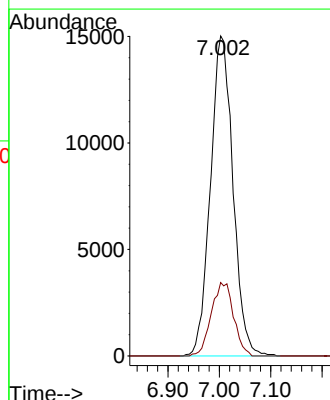
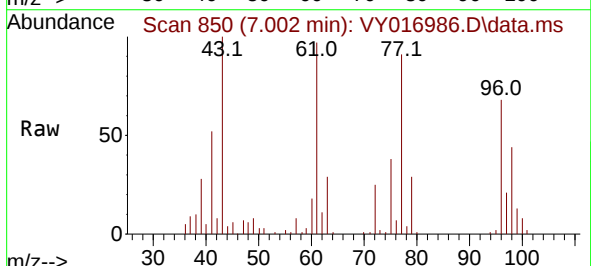
Acq: 12 Jan 2024 12:26

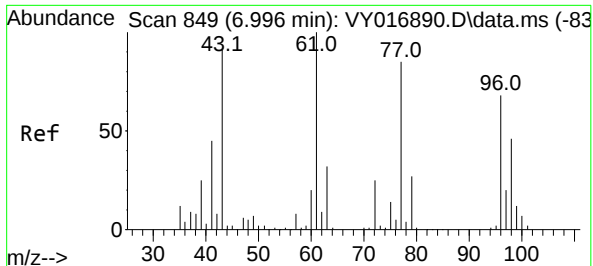
Tgt Ion: 77 Resp: 45709

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





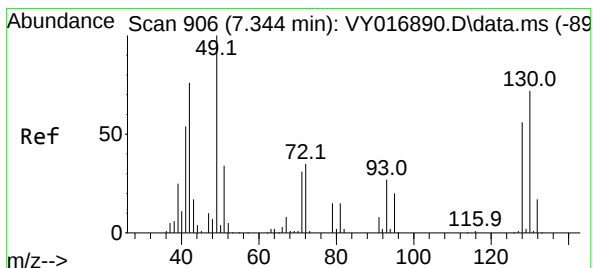
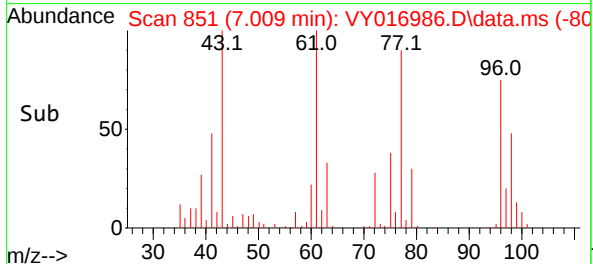
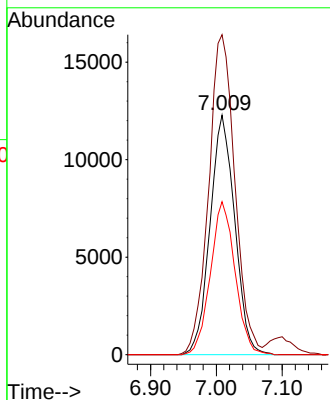
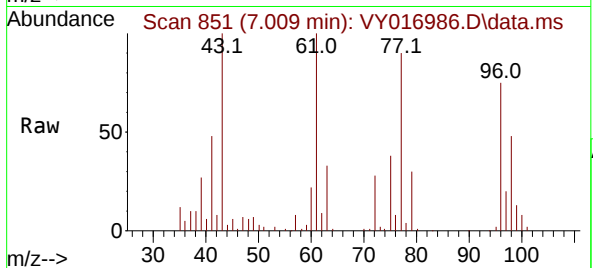
#27
cis-1,2-Dichloroethene
Concen: 22.396 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 96 Resp: 3212
Ion Ratio Lower Upper
96 100
61 141.8 0.0 278.8
98 63.8 0.0 127.0

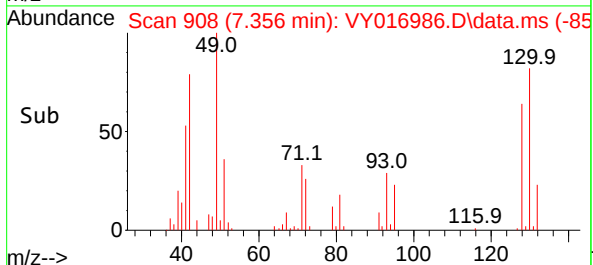
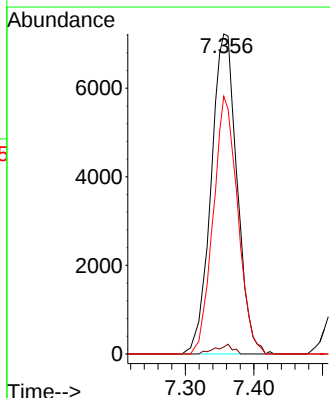
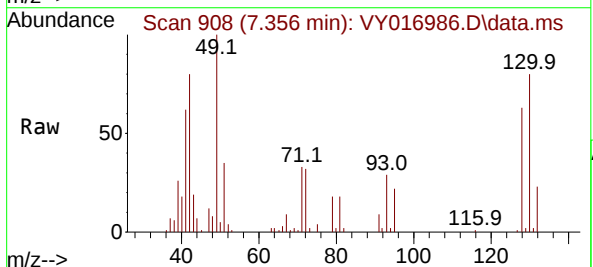
Manual Integrations
APPROVED

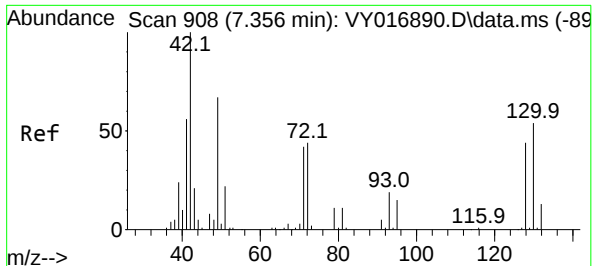
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#28
Bromochloromethane
Concen: 21.544 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

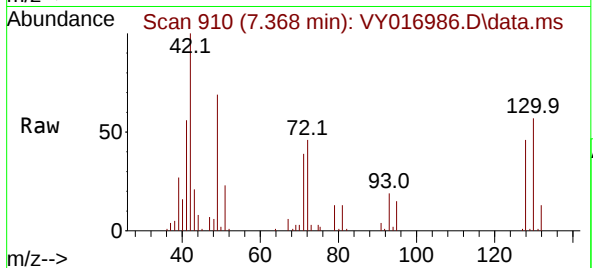
Tgt Ion: 49 Resp: 18980
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 76.1 59.8 89.8





#29
Tetrahydrofuran
Concen: 96.549 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

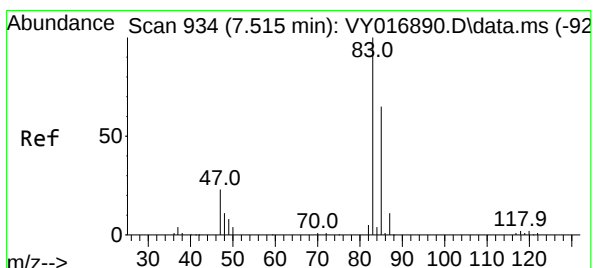
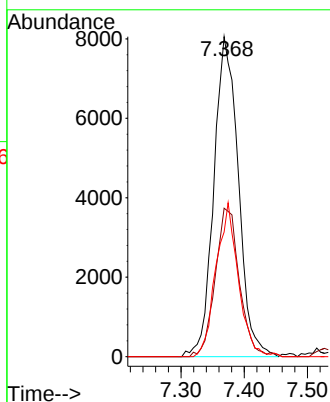
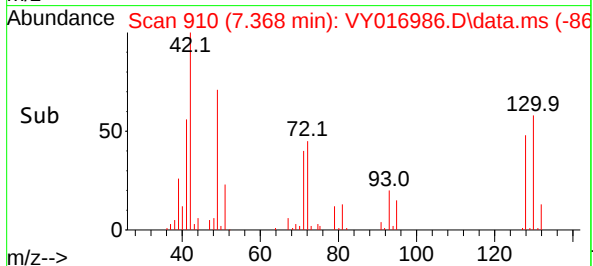
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 42 Resp: 21660
Ion Ratio Lower Upper
42 100
72 45.8 36.6 54.8
71 43.7 33.8 50.6

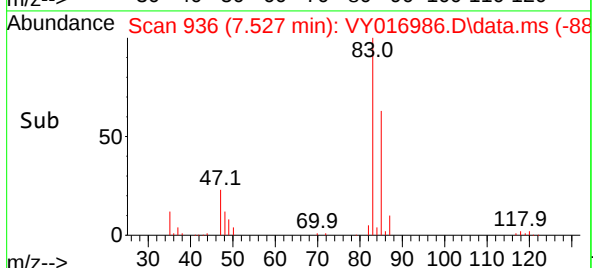
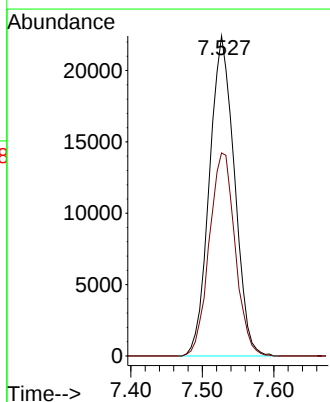
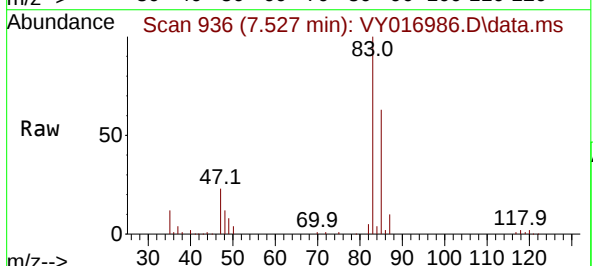
Manual Integrations
APPROVED

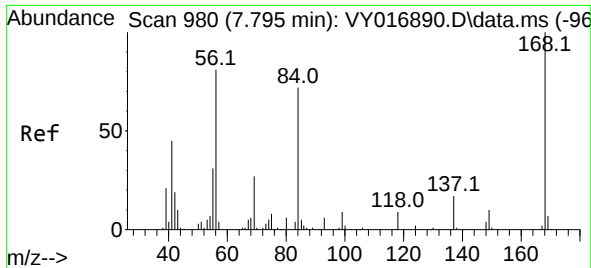
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#30
Chloroform
Concen: 22.529 ug/l
RT: 7.527 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

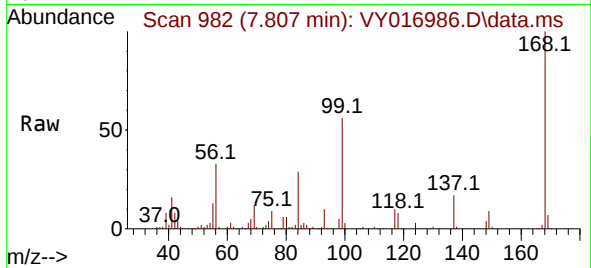
Tgt Ion: 83 Resp: 54481
Ion Ratio Lower Upper
83 100
85 63.5 51.2 76.8





#31
Cyclohexane
Concen: 20.205 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

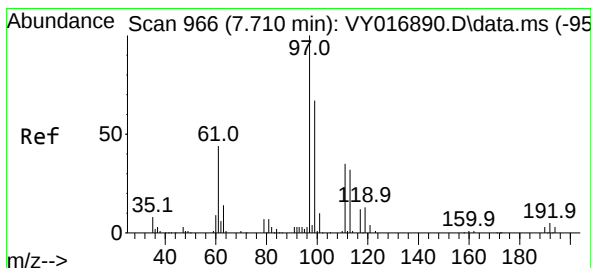
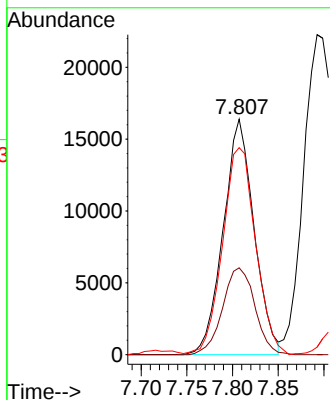
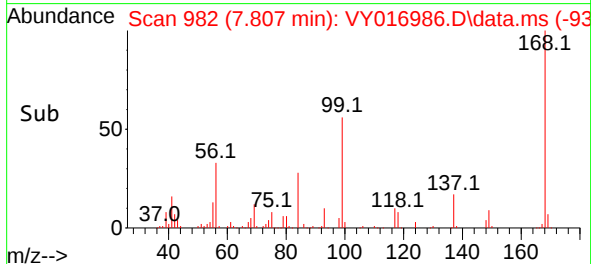
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 56 Resp: 38449
Ion Ratio Lower Upper
56 100
69 36.9 27.0 40.6
84 86.9 71.8 107.6

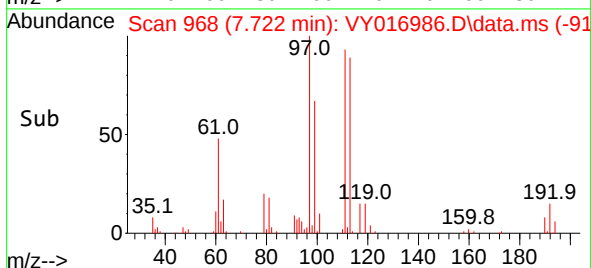
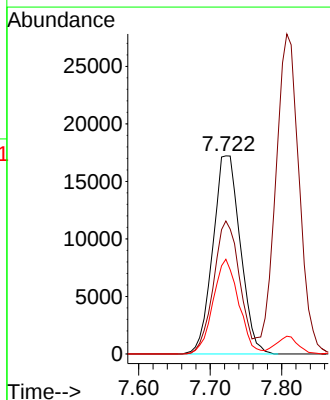
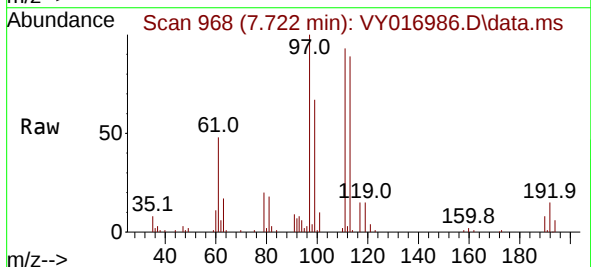
Manual Integrations
APPROVED

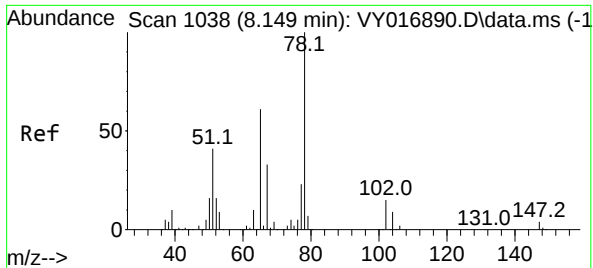
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#32
1,1,1-Trichloroethane
Concen: 22.446 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 97 Resp: 46026
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 44.7 35.0 52.6





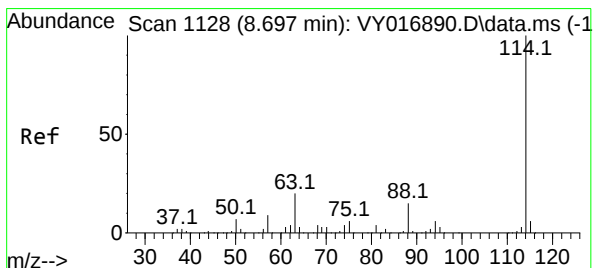
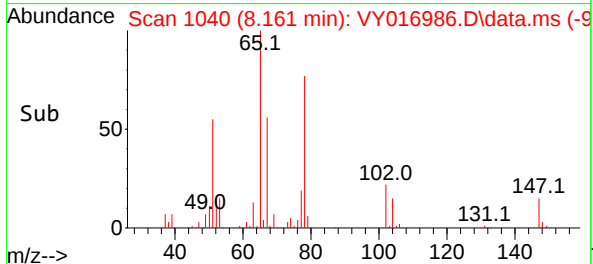
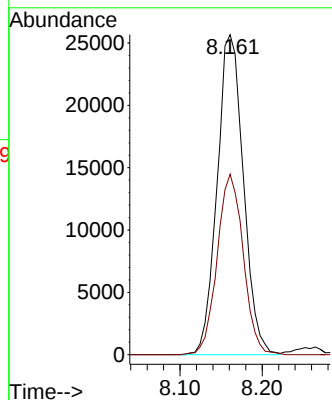
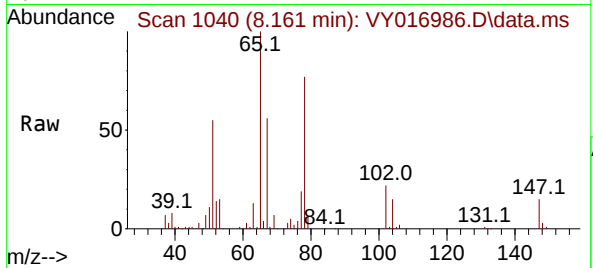
#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 8.161 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0112SBS01

Tgt Ion: 65 Resp: 57070
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.0

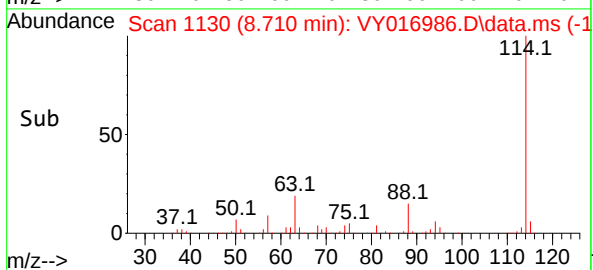
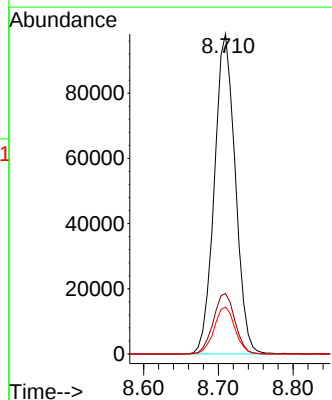
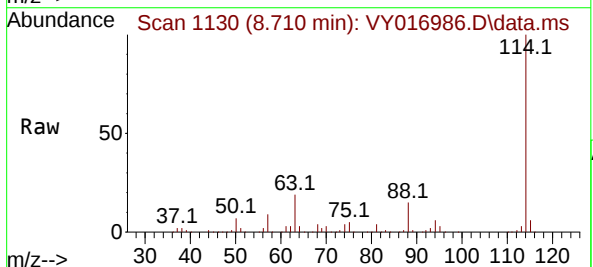
Manual Integrations
 APPROVED

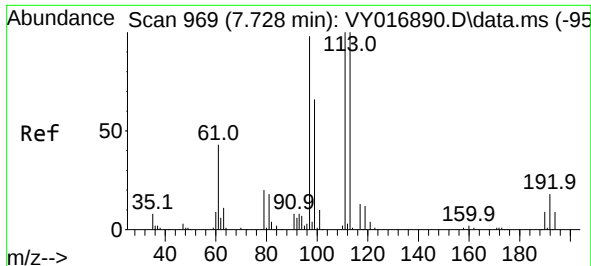
Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.007 min
 Lab File: VY016986.D
 Acq: 12 Jan 2024 12:26

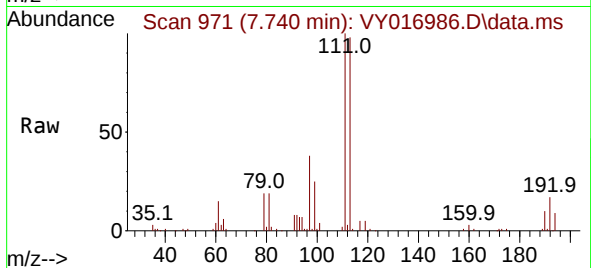
Tgt Ion:114 Resp: 190855
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.4
 88 14.6 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.435 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

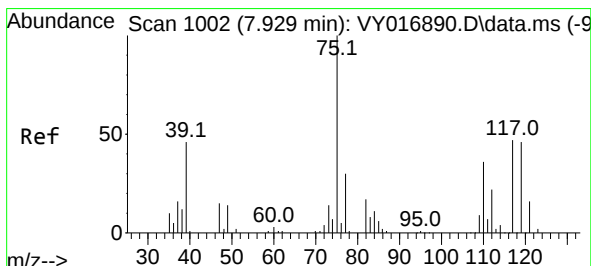
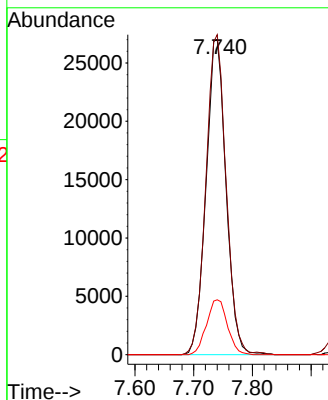
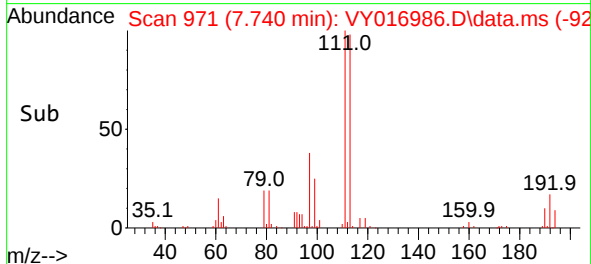
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



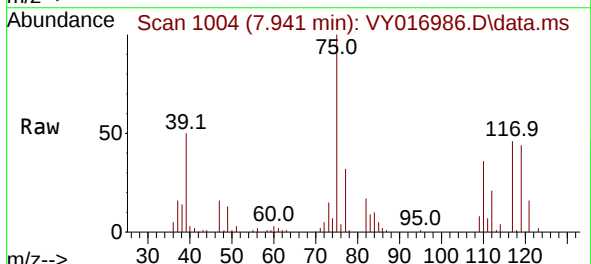
Tgt Ion: 113 Resp: 6377
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.2 14.5 21.7

Manual Integrations
APPROVED

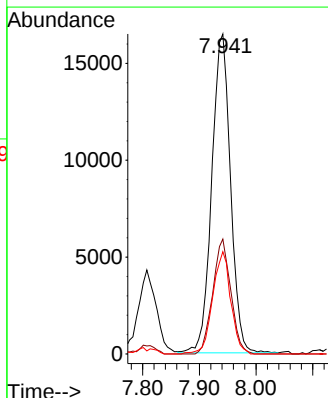
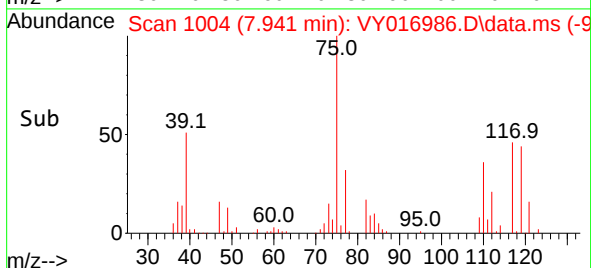
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024

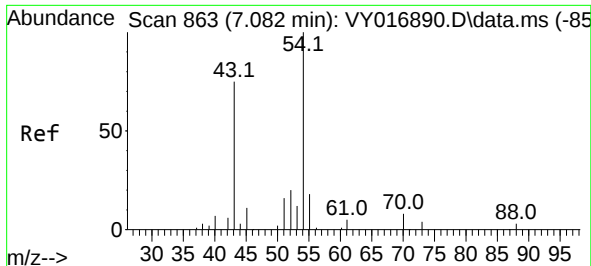


#36
1,1-Dichloropropene
Concen: 21.330 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26



Tgt Ion: 75 Resp: 37806
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 21.036 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

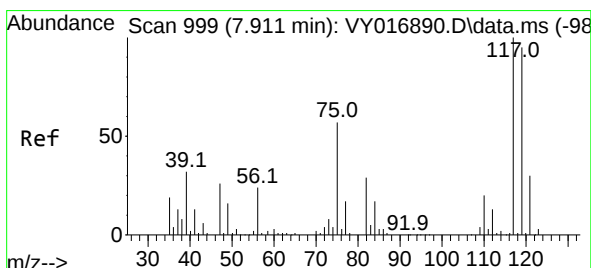
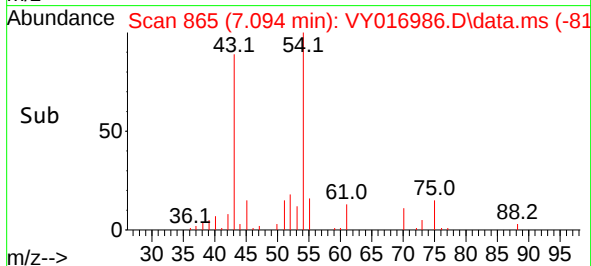
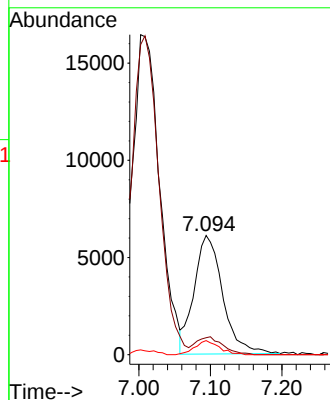
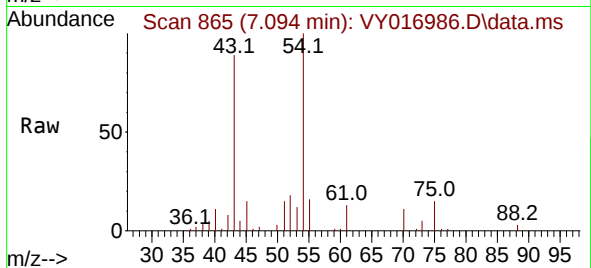
Tgt Ion: 43 Resp: 16944

Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.0	16.6
70	10.0	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#38

Carbon Tetrachloride

Concen: 21.876 ug/l

RT: 7.923 min Scan# 1001

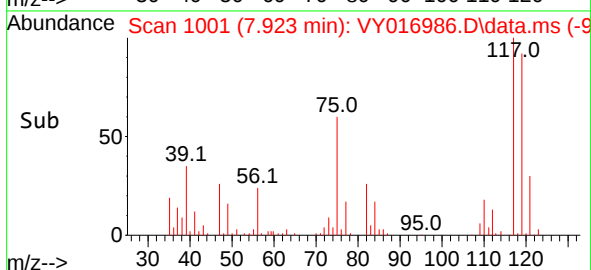
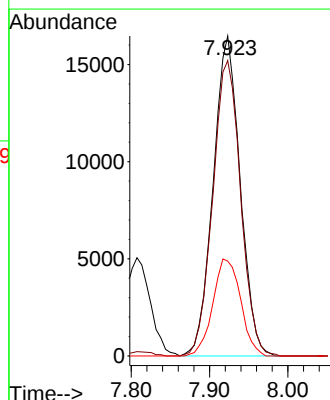
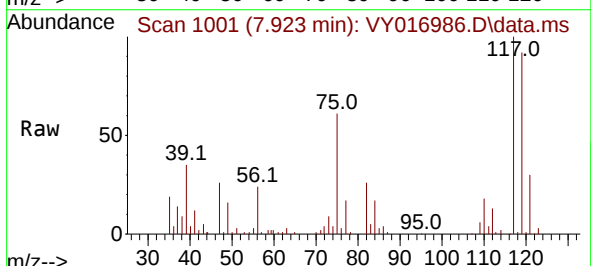
Delta R.T. 0.006 min

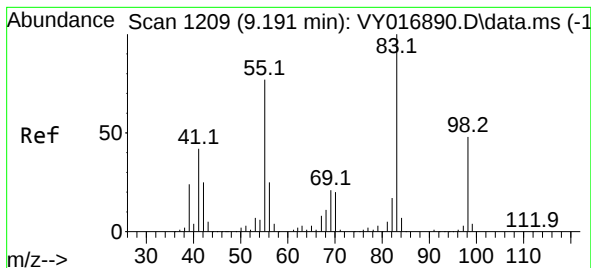
Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:117 Resp: 39394

Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.0	114.0
121	29.6	24.2	36.2





#39

Methylcyclohexane

Concen: 20.292 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

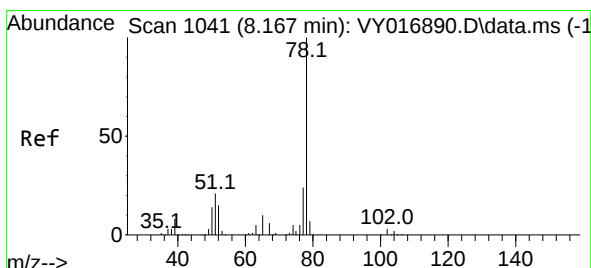
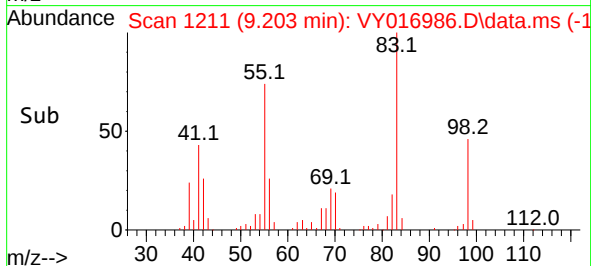
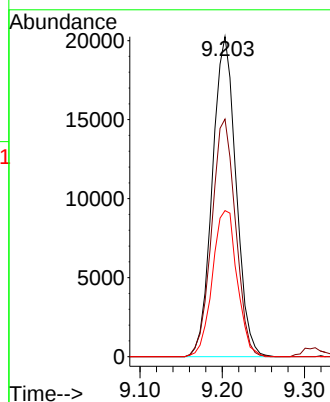
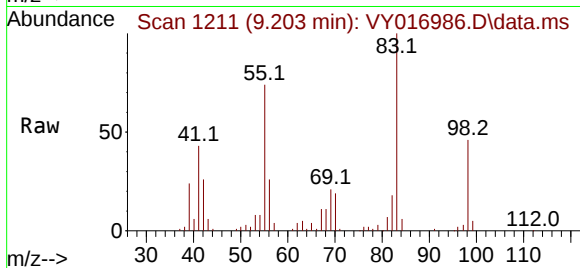
VY0112SBS01

Tgt Ion: 83 Resp: 40432
 Ion Ratio Lower Upper
 83 100
 55 74.2 59.7 89.5
 98 45.6 38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



#40

Benzene

Concen: 21.023 ug/l

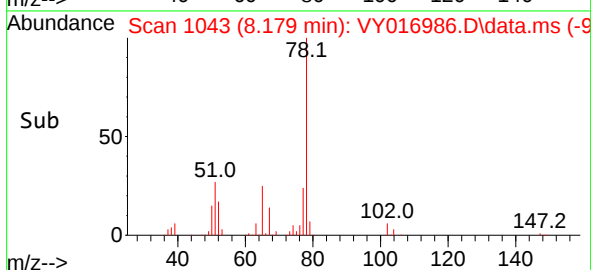
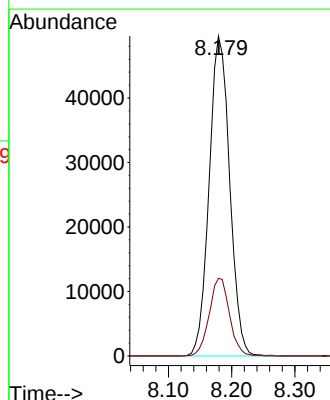
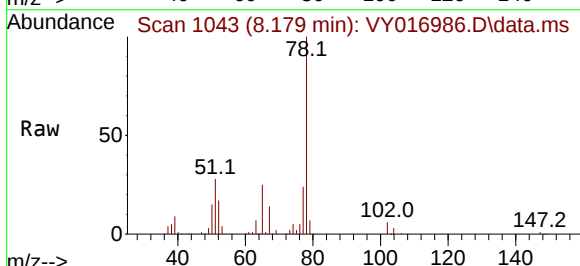
RT: 8.179 min Scan# 1043

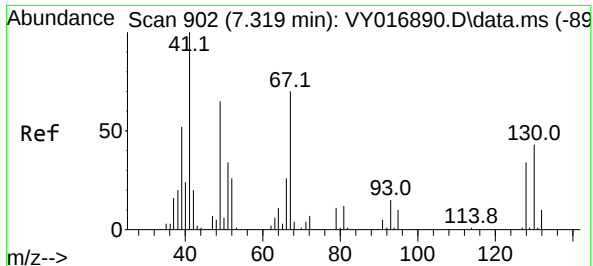
Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

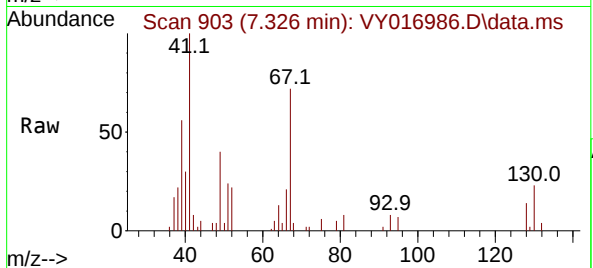
Tgt Ion: 78 Resp: 111780
 Ion Ratio Lower Upper
 78 100
 77 24.3 18.8 28.2





#41
Methacrylonitrile
Concen: 21.428 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

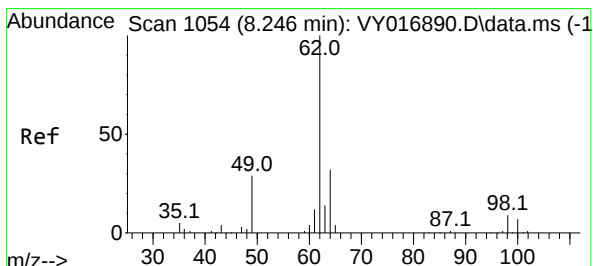
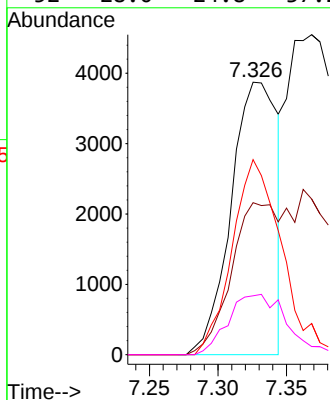
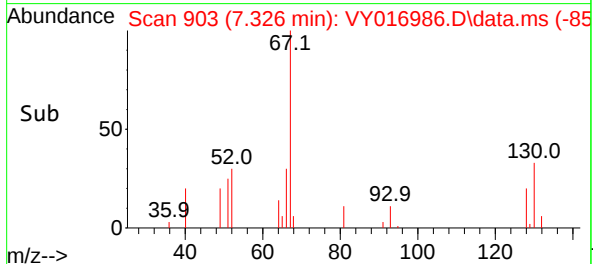
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion:	41	Resp:	9090
Ion	Ratio	Lower	Upper
41	100		
39	55.9	41.9	62.9
67	77.0	59.8	89.6
52	28.0	24.8	37.2

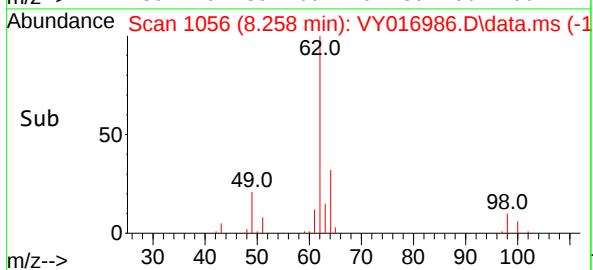
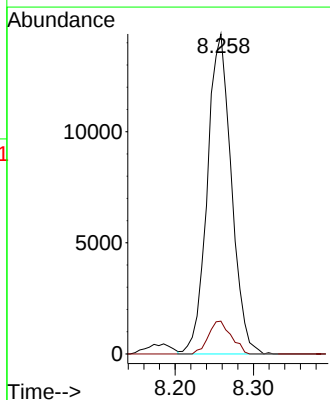
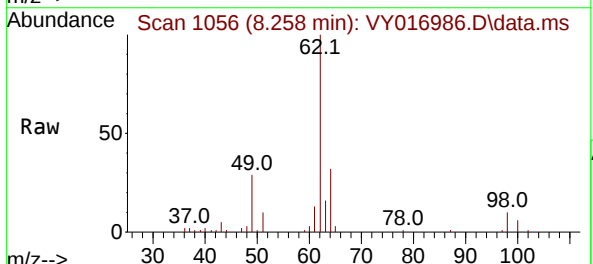
Manual Integrations
APPROVED

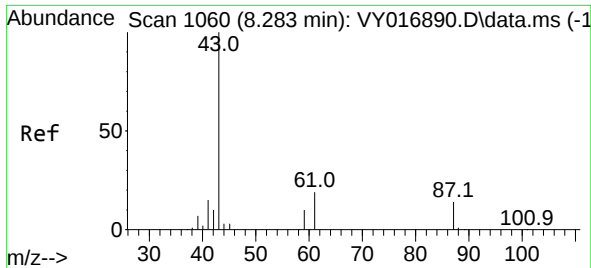
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#42
1,2-Dichloroethane
Concen: 21.757 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:	62	Resp:	30710
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 20.580 ug/l

RT: 8.289 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

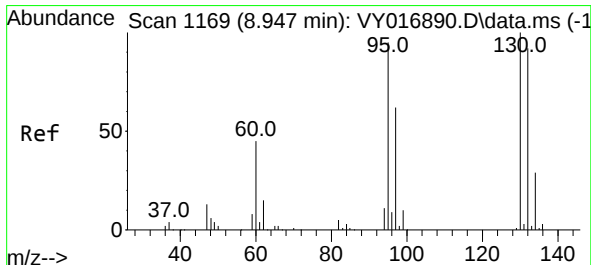
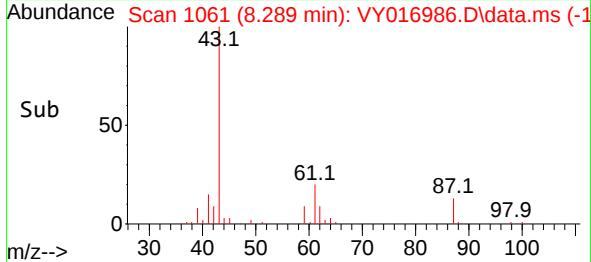
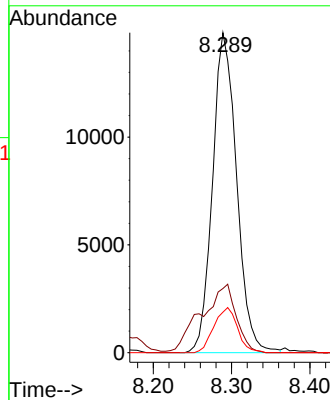
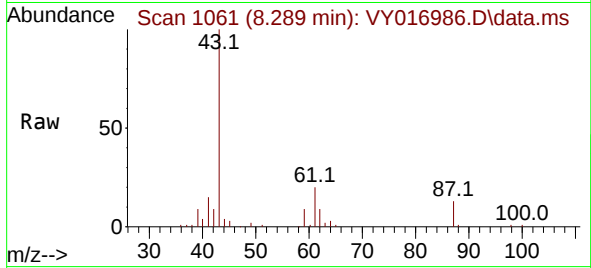
Tgt Ion: 43	Resp: 3174
Ion Ratio	Lower Upper
43	100
61	31.0 24.8 37.2
87	13.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#44

Trichloroethene

Concen: 21.563 ug/l

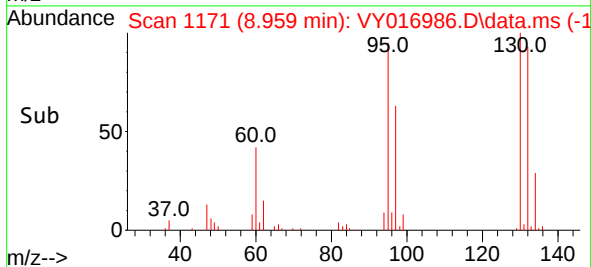
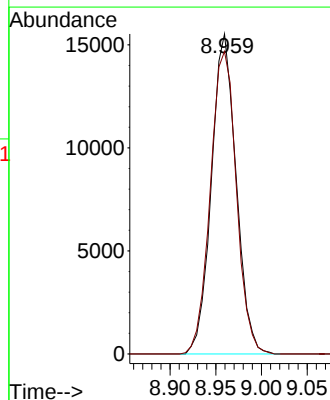
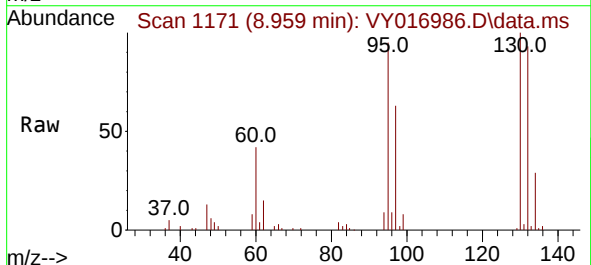
RT: 8.959 min Scan# 1171

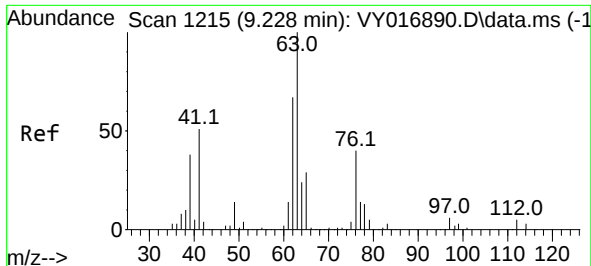
Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:130	Resp: 29174
Ion Ratio	Lower Upper
130	100
95	94.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.920 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 63 Resp: 30020

Ion Ratio Lower Upper

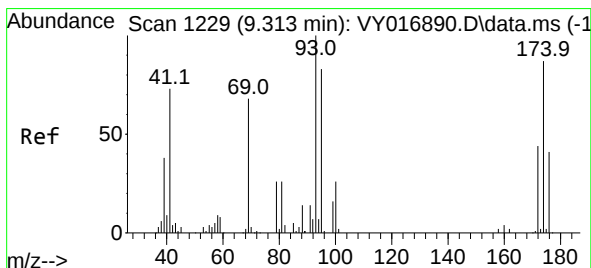
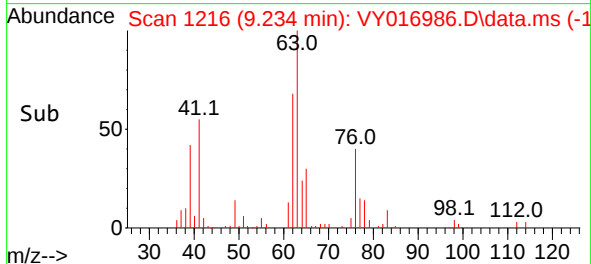
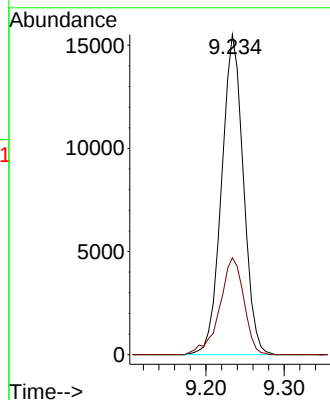
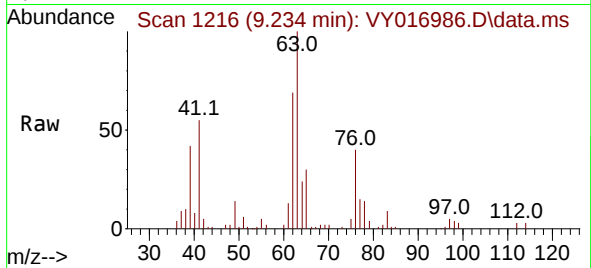
63 100

65 30.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#46

Dibromomethane

Concen: 20.836 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

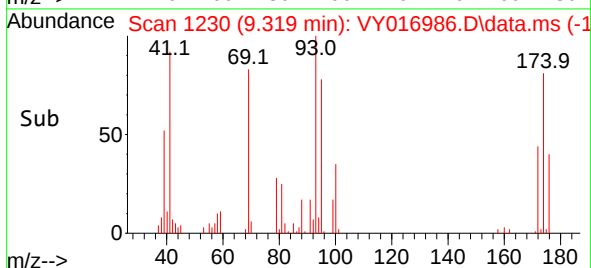
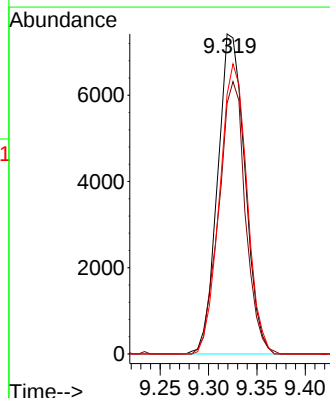
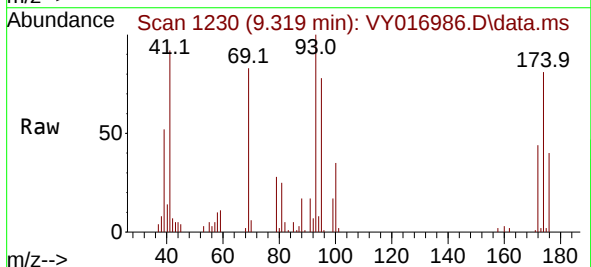
Tgt Ion: 93 Resp: 14556

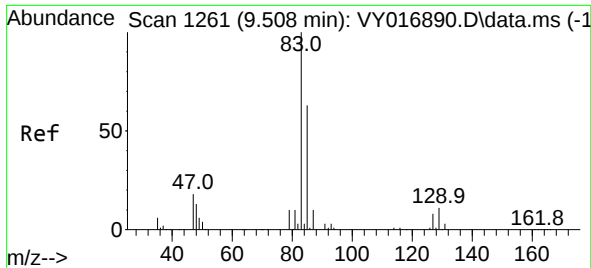
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

174 90.6 73.8 110.6





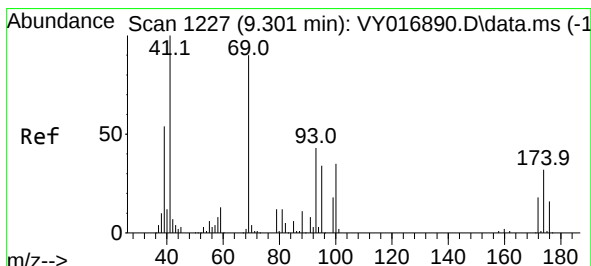
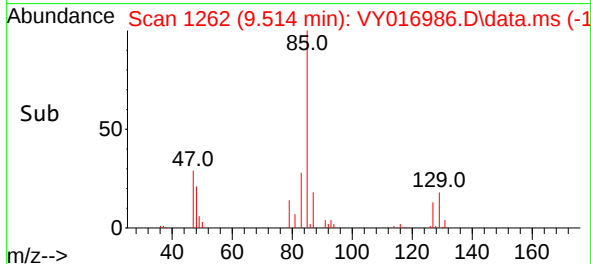
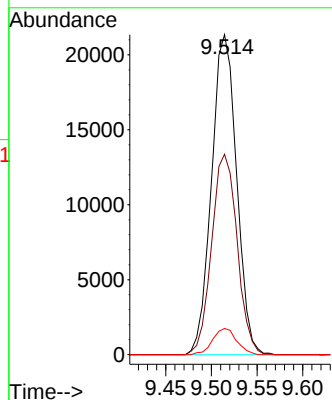
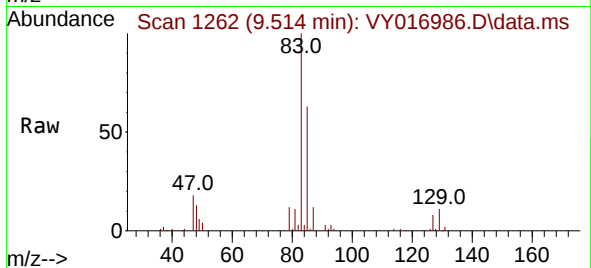
#47
Bromodichloromethane
Concen: 21.720 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 83 Resp: 4074
Ion Ratio Lower Upper
83 100
85 62.7 53.2 79.8
127 8.2 6.4 9.6

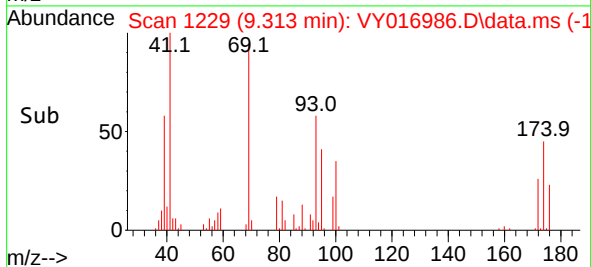
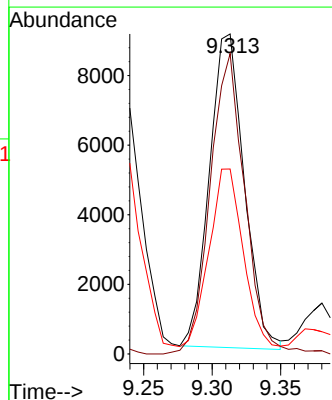
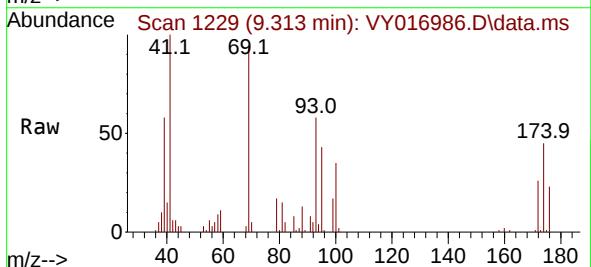
Manual Integrations
APPROVED

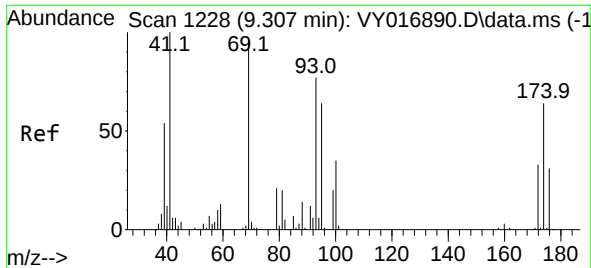
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#48
Methyl methacrylate
Concen: 19.144 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

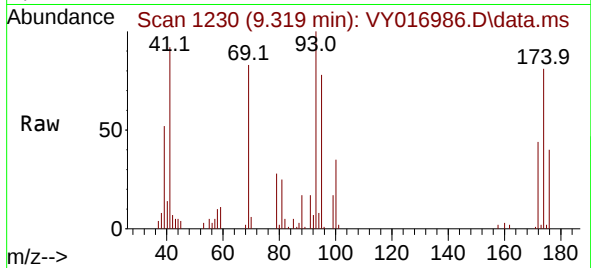
Tgt Ion: 41 Resp: 15936
Ion Ratio Lower Upper
41 100
69 95.6 72.1 108.1
39 60.6 42.8 64.2





#49
1,4-Dioxane
Concen: 427.742 ug/l
RT: 9.319 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

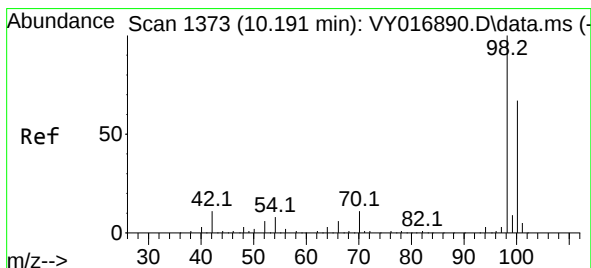
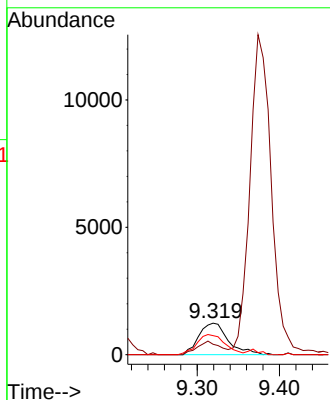
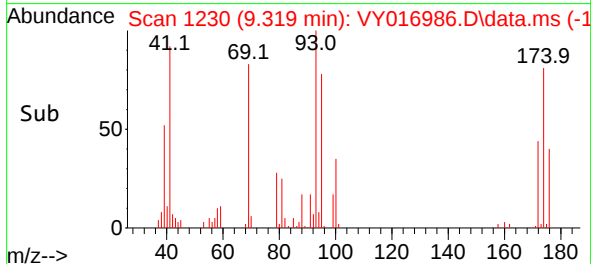
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 88 Resp: 3094
Ion Ratio Lower Upper
88 100
43 33.0 28.2 42.4
58 60.9 52.2 78.2

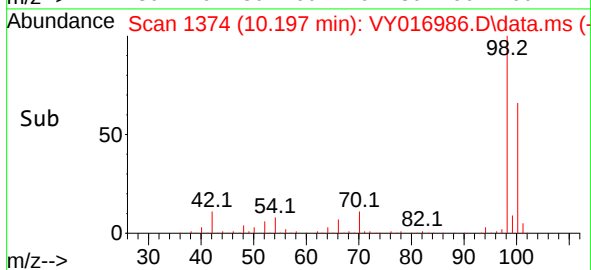
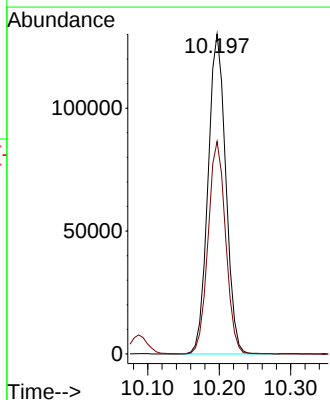
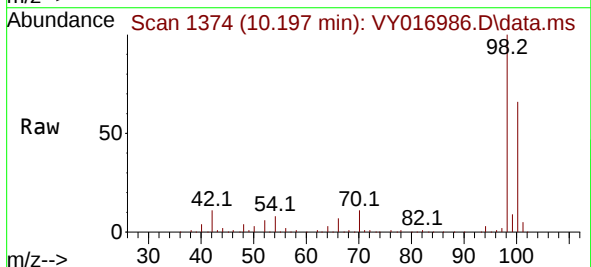
Manual Integrations
APPROVED

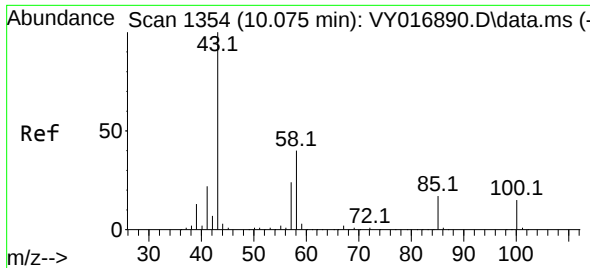
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#50
Toluene-d8
Concen: 53.450 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 98 Resp: 223849
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5





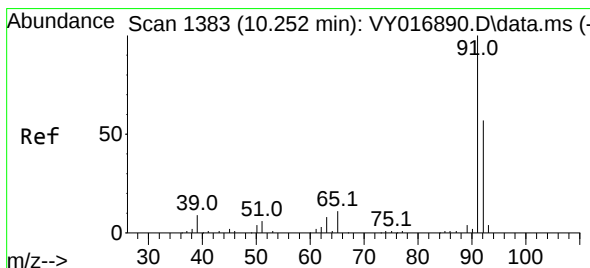
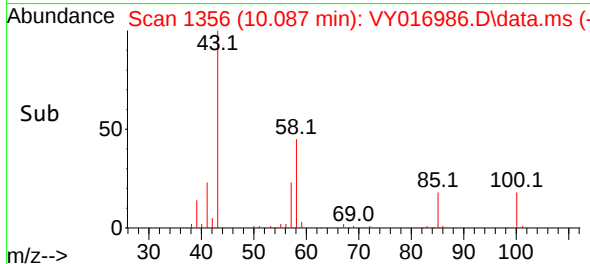
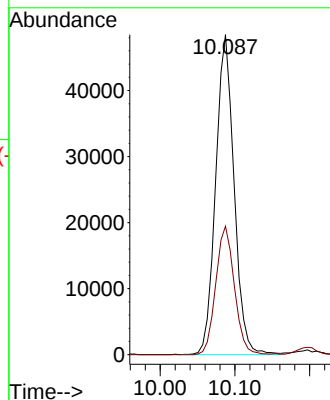
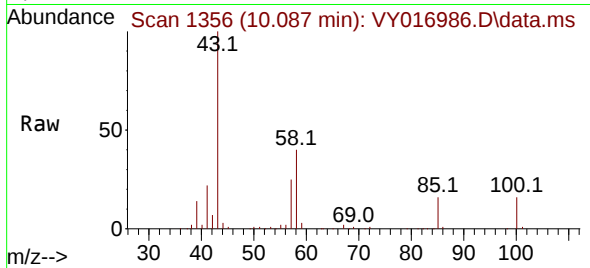
#51
4-Methyl-2-Pentanone
Concen: 101.132 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 43 Resp: 82958
Ion Ratio Lower Upper
43 100
58 40.7 32.2 48.2

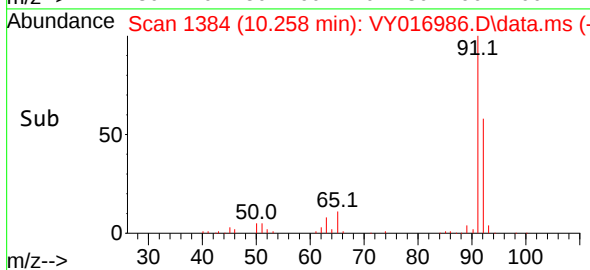
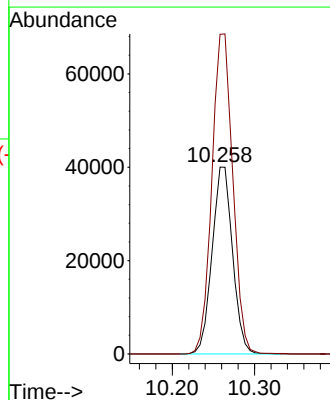
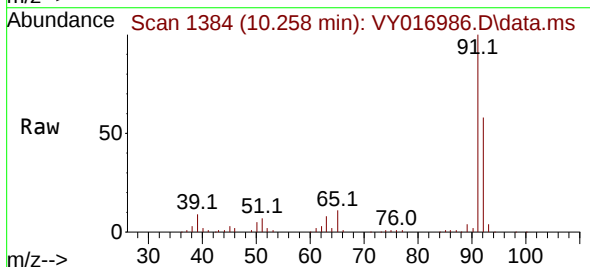
Manual Integrations
APPROVED

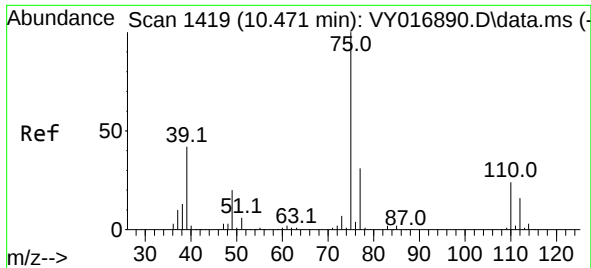
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#52
Toluene
Concen: 21.635 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

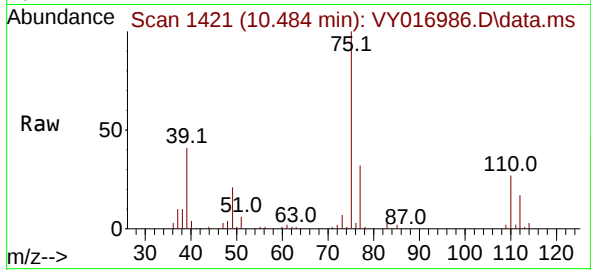
Tgt Ion: 92 Resp: 69421
Ion Ratio Lower Upper
92 100
91 174.8 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 20.995 ug/l
RT: 10.484 min Scan# 1419
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

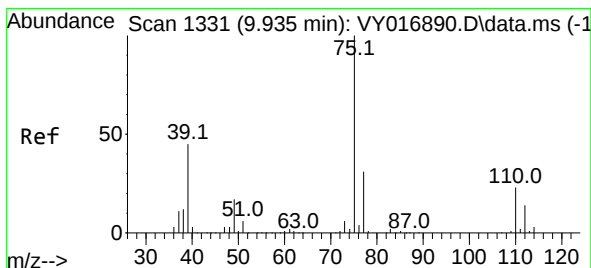
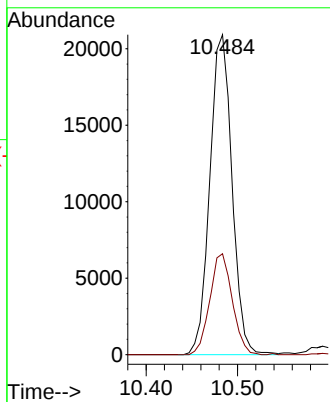
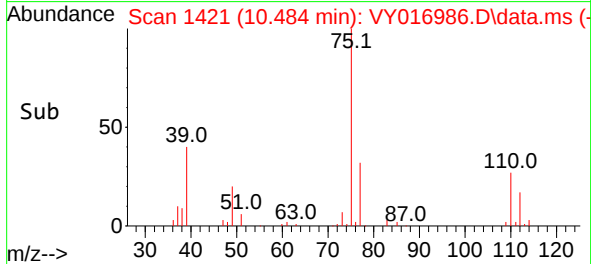
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 75 Resp: 35278
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8

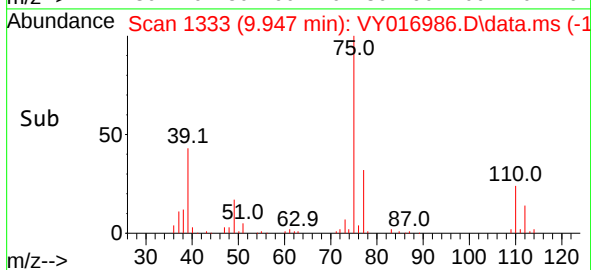
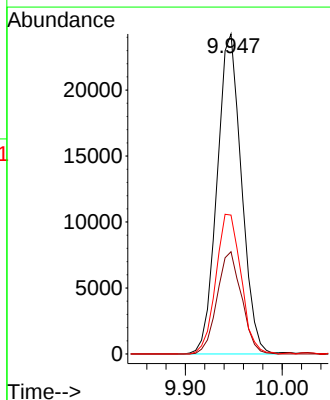
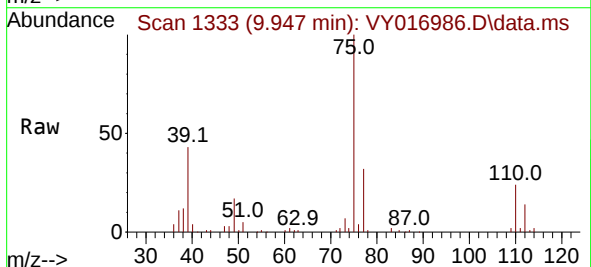
Manual Integrations
APPROVED

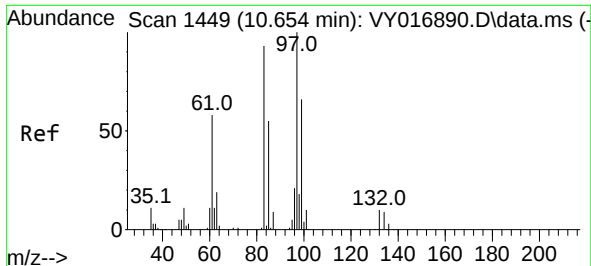
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#54
cis-1,3-Dichloropropene
Concen: 21.046 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

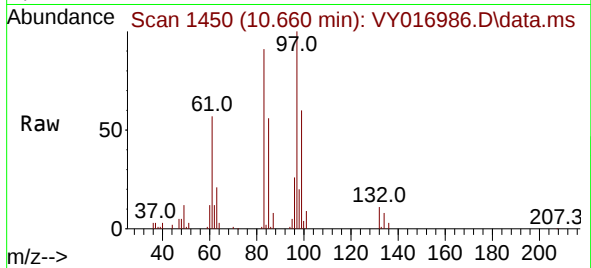
Tgt Ion: 75 Resp: 42470
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 43.4 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 21.170 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

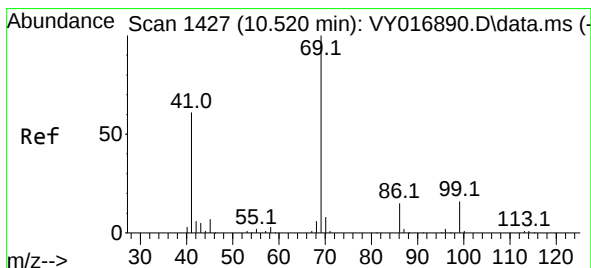
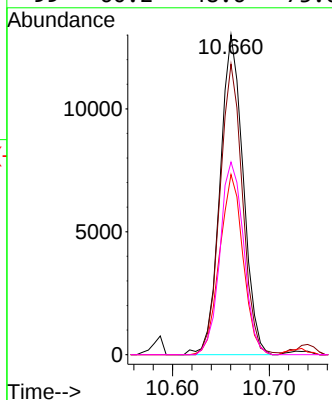
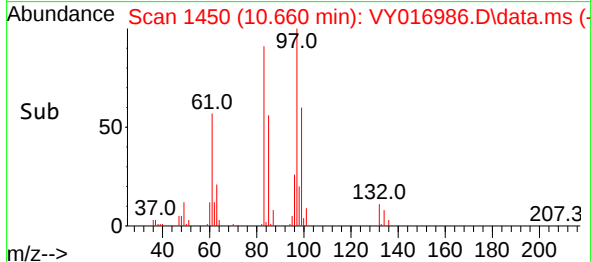
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 97	Resp: 21600
Ion Ratio	Lower Upper
97 100	
83 90.8	69.4 104.2
85 56.3	43.9 65.9
99 60.2	48.6 73.0

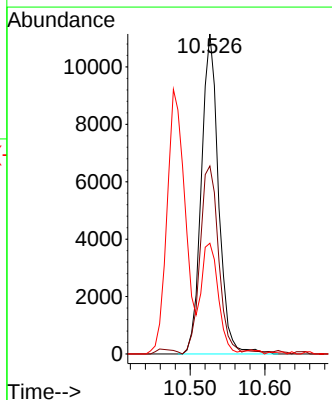
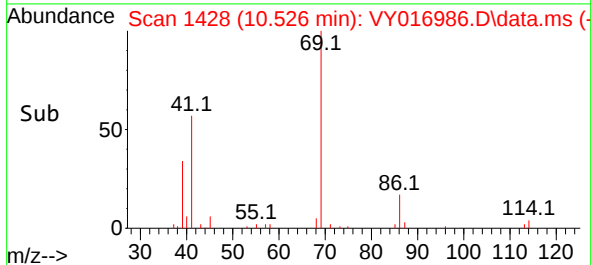
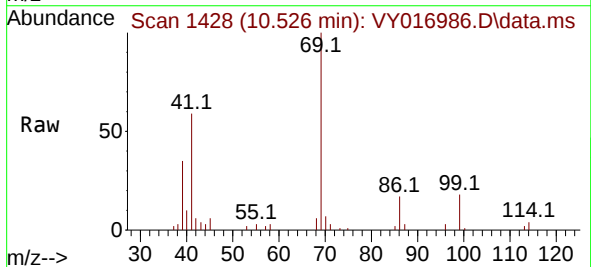
Manual Integrations
APPROVED

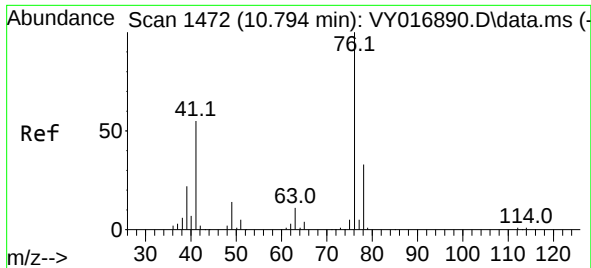
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#56
Ethyl methacrylate
Concen: 20.611 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 69	Resp: 17817
Ion Ratio	Lower Upper
69 100	
41 64.1	49.2 73.8
39 32.4	26.8 40.2





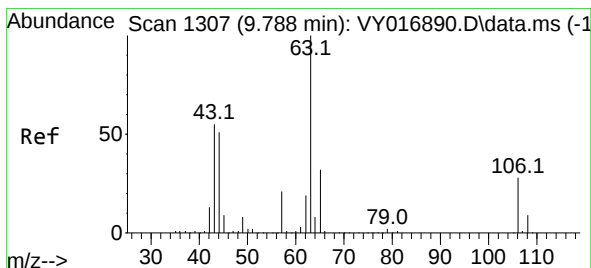
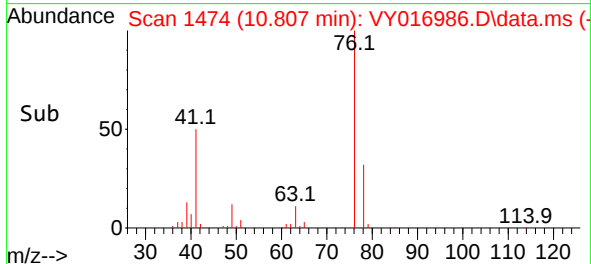
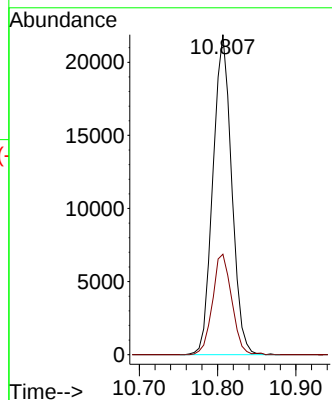
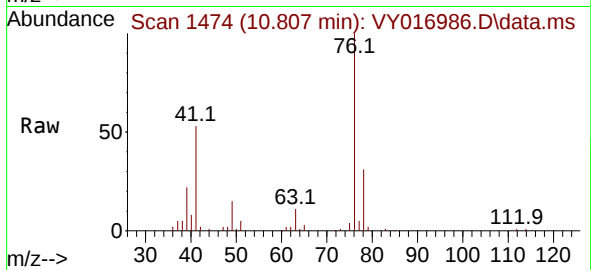
#57
1,3-Dichloropropane
Concen: 21.321 ug/l
RT: 10.807 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 76 Resp: 36330
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

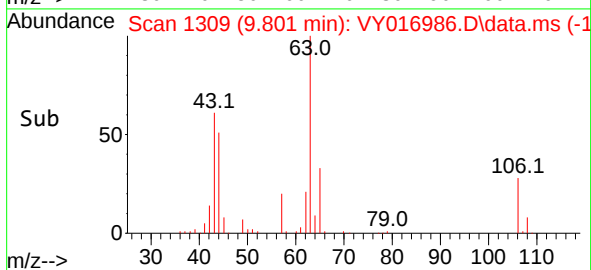
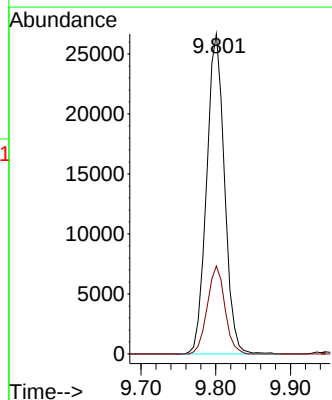
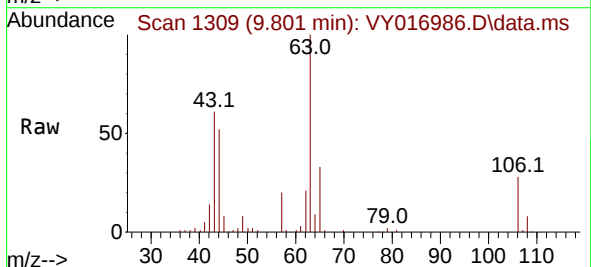
Manual Integrations
APPROVED

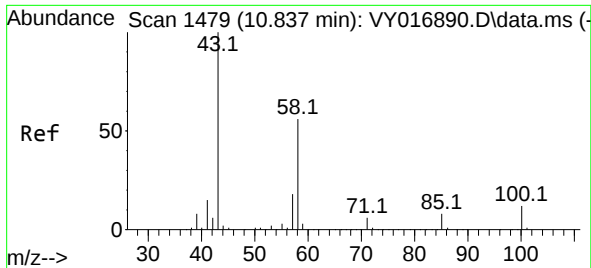
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.038 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

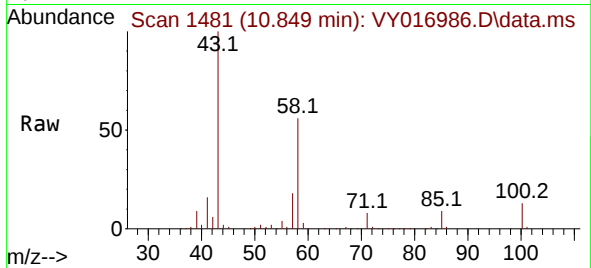
Tgt Ion: 63 Resp: 44207
Ion Ratio Lower Upper
63 100
106 27.0 22.4 33.6





#59
2-Hexanone
Concen: 104.934 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

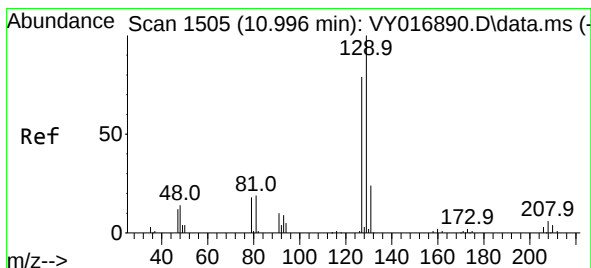
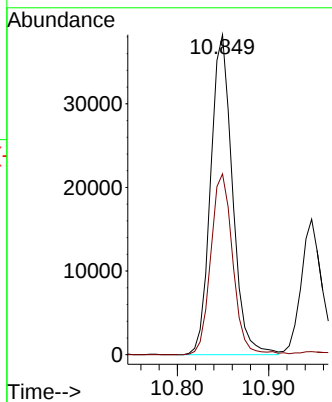
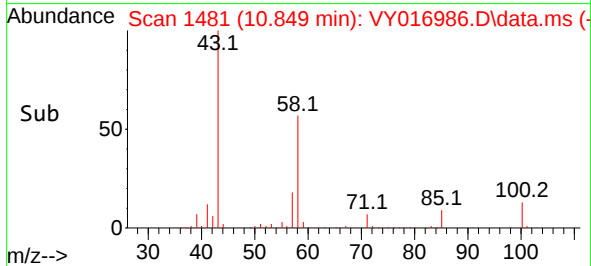
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 43 Resp: 6338
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.3

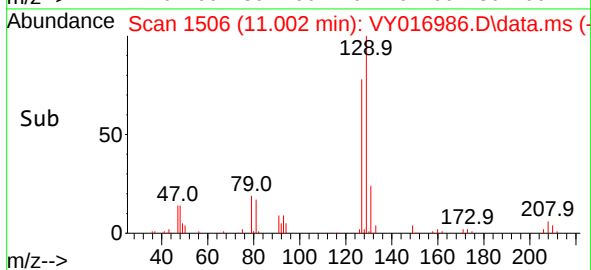
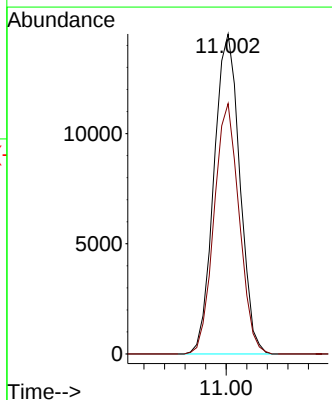
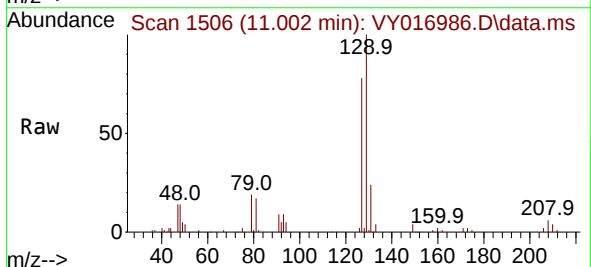
Manual Integrations
APPROVED

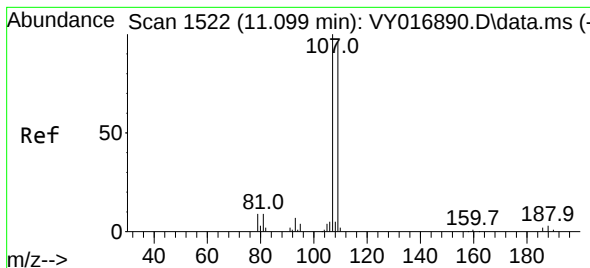
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#60
Dibromochloromethane
Concen: 21.524 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

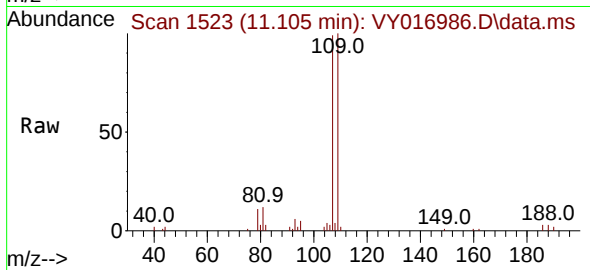
Tgt Ion:129 Resp: 25333
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.545 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

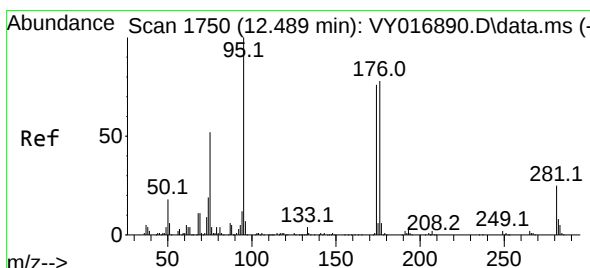
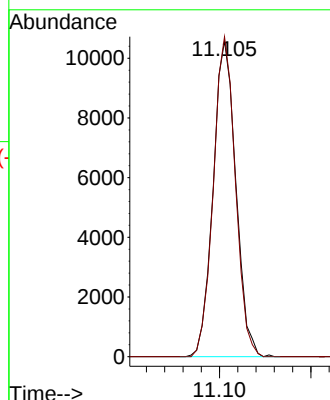
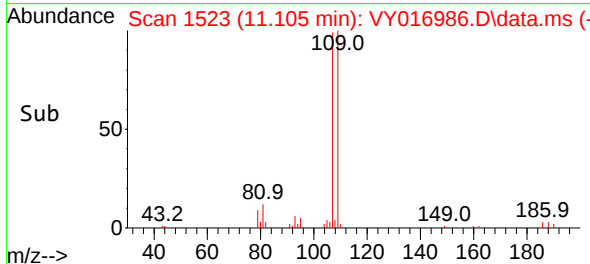
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



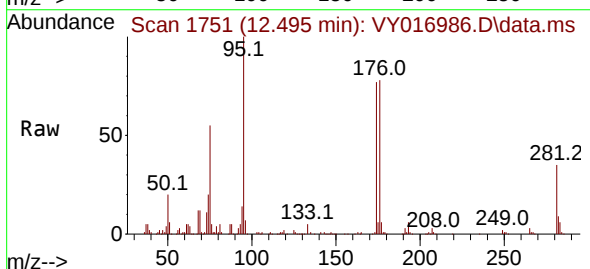
Tgt Ion:107 Resp: 18218
Ion Ratio Lower Upper
107 100
109 98.3 75.4 113.2

Manual Integrations
APPROVED

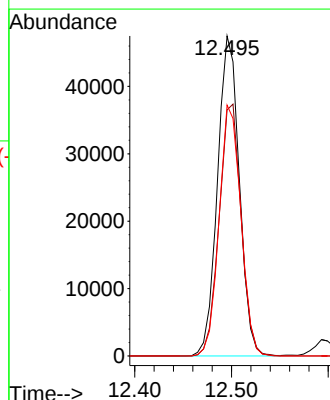
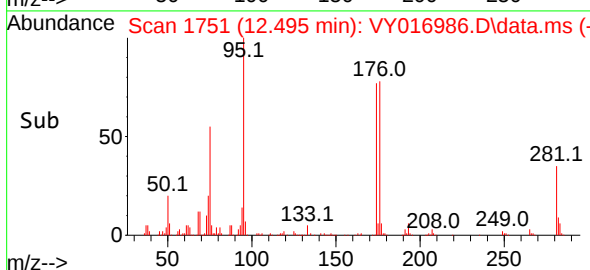
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024

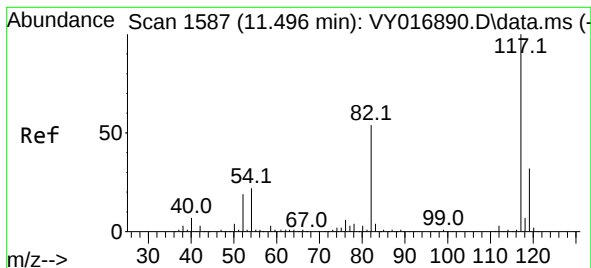


#62
4-Bromofluorobenzene
Concen: 52.534 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26



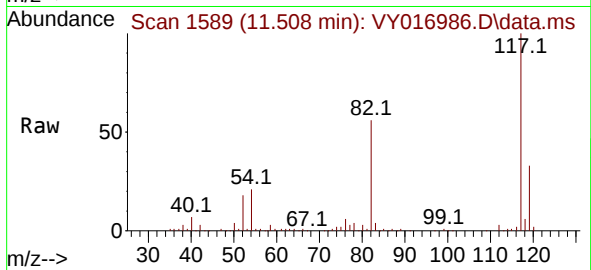
Tgt Ion: 95 Resp: 74229
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 78.3 0.0 151.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

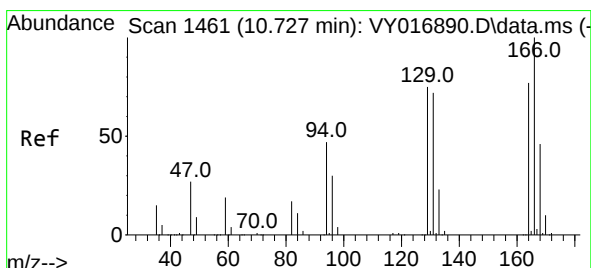
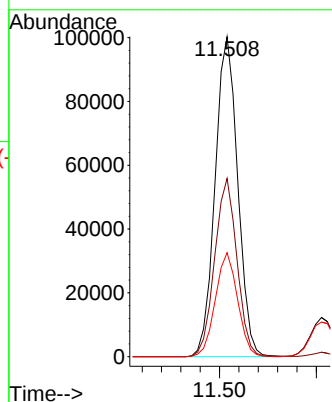
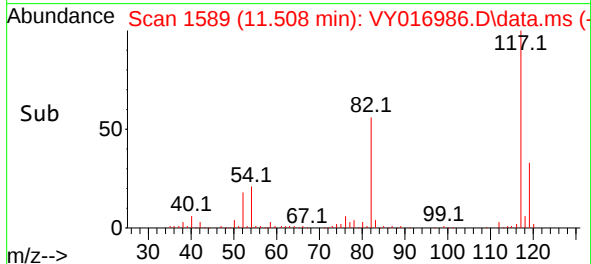
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion:117 Resp: 162698
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.5 26.5 39.7

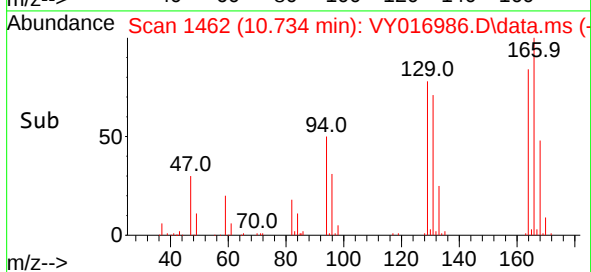
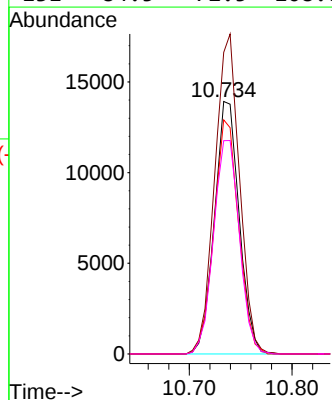
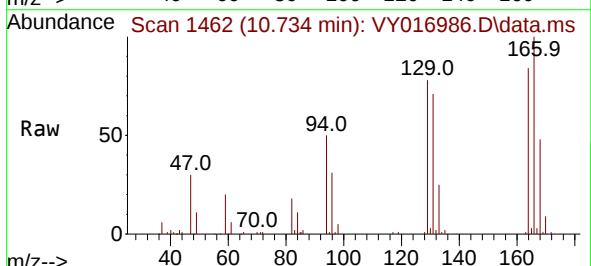
Manual Integrations
APPROVED

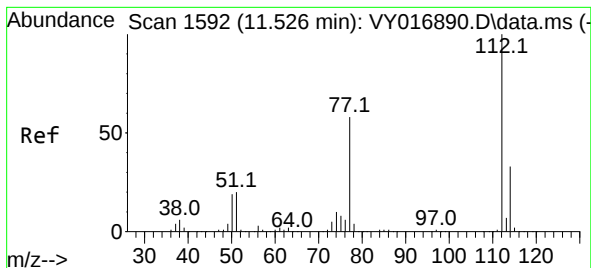
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#64
Tetrachloroethene
Concen: 22.108 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

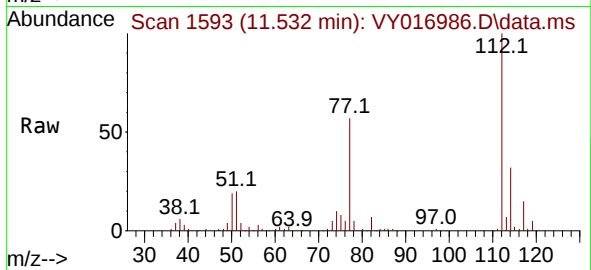
Tgt Ion:164 Resp: 23319
Ion Ratio Lower Upper
164 100
166 119.5 98.8 148.2
129 92.7 78.9 118.3
131 84.5 72.5 108.7





#65
Chlorobenzene
Concen: 21.968 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

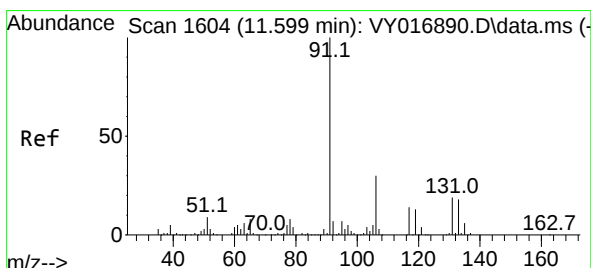
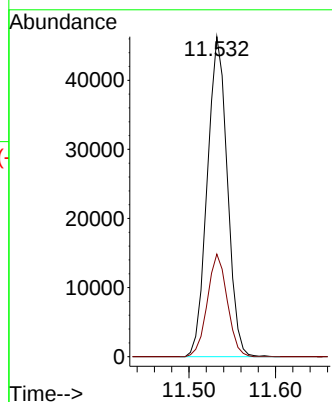
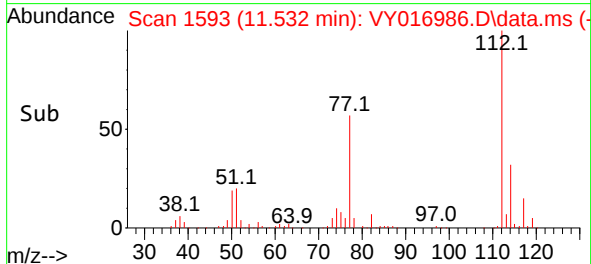
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion:112 Resp: 7445
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1

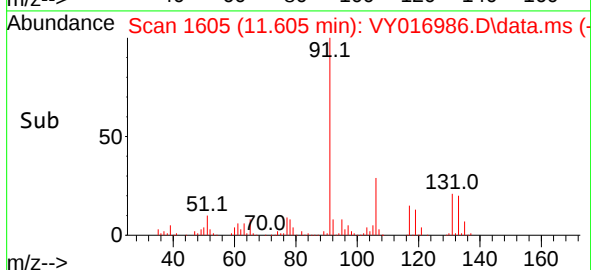
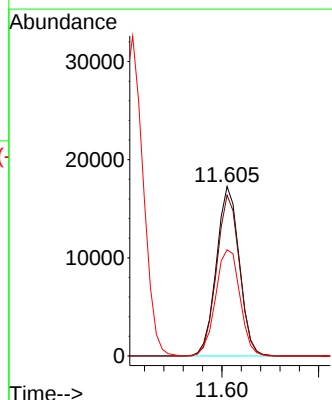
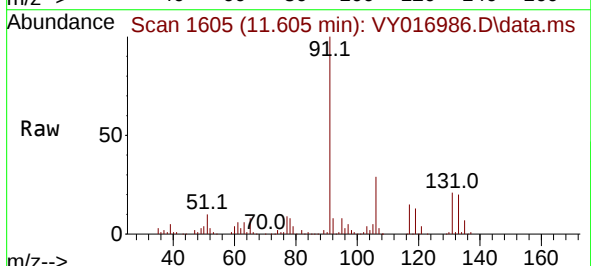
Manual Integrations
APPROVED

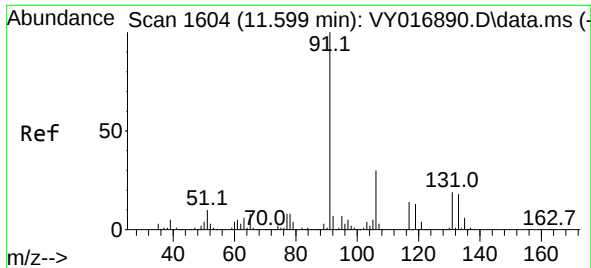
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 22.040 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

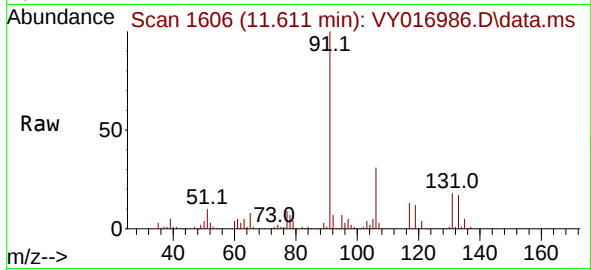
Tgt Ion:131 Resp: 28397
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.0
119 66.8 33.3 99.9





#67
Ethyl Benzene
Concen: 22.000 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

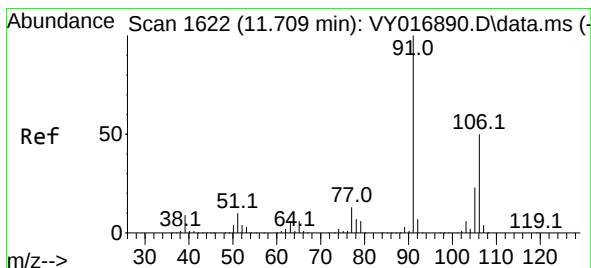
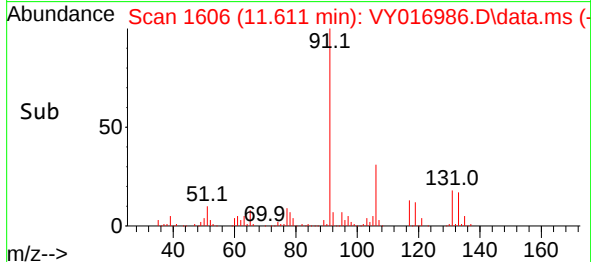
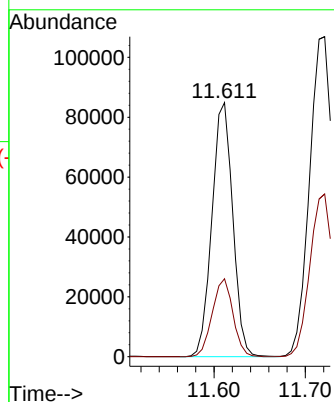
Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01



Tgt Ion: 91 Resp: 13424
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4

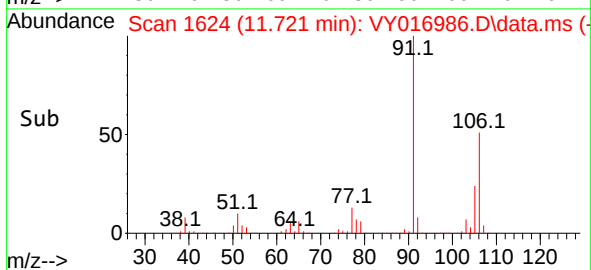
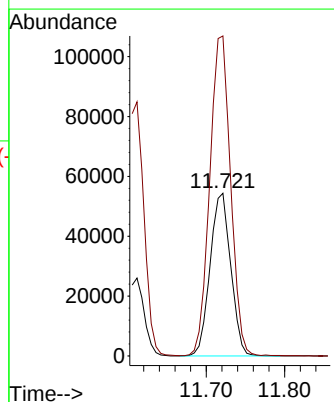
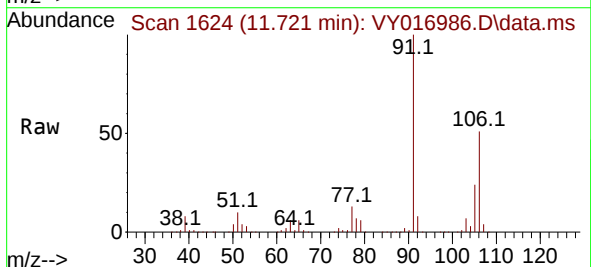
Manual Integrations
APPROVED

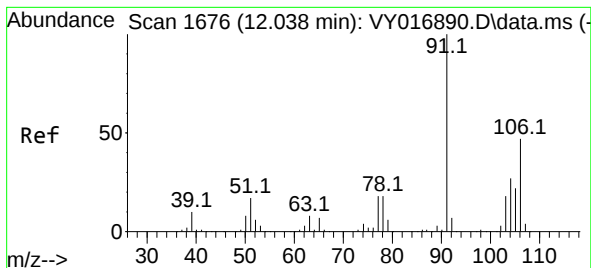
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#68
m/p-Xylenes
Concen: 44.426 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion:106 Resp: 99504
Ion Ratio Lower Upper
106 100
91 199.1 160.7 241.1





#69

o-Xylene

Concen: 21.568 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion:106 Resp: 45280

Ion Ratio Lower Upper

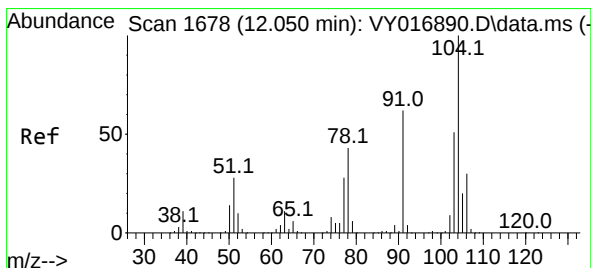
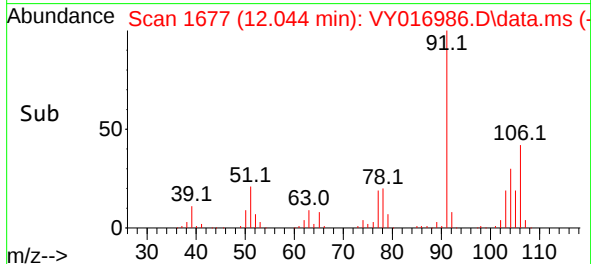
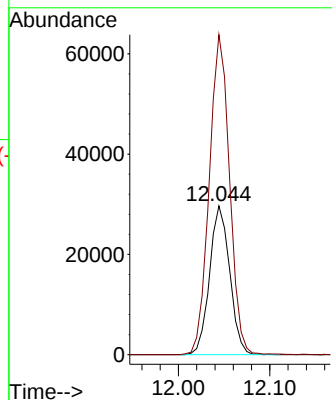
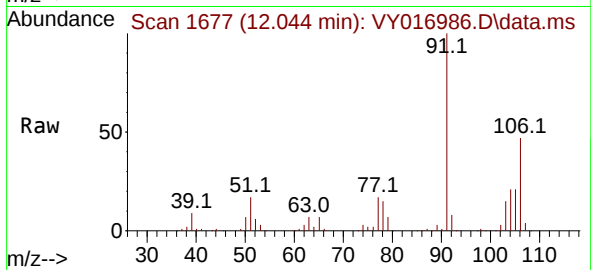
106 100

91 217.6 106.5 319.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#70

Styrene

Concen: 22.027 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

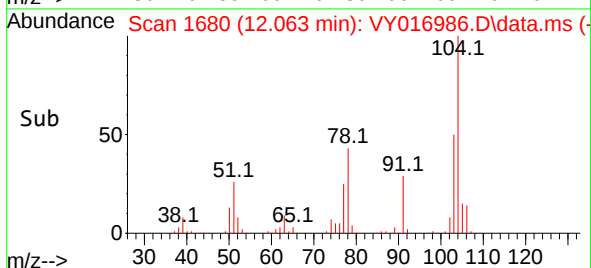
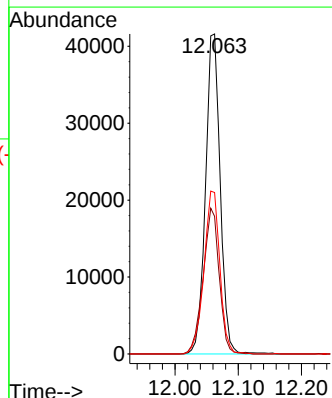
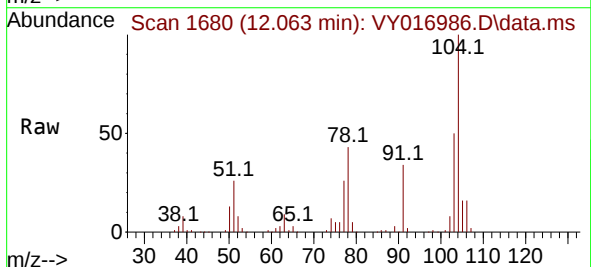
Tgt Ion:104 Resp: 67314

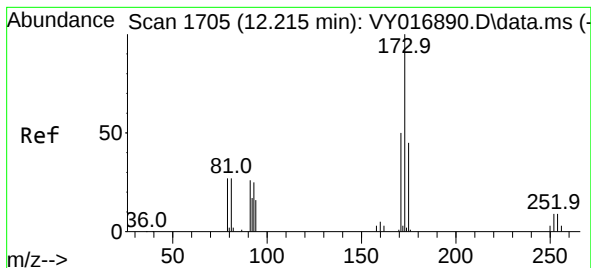
Ion Ratio Lower Upper

104 100

78 50.0 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.680 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

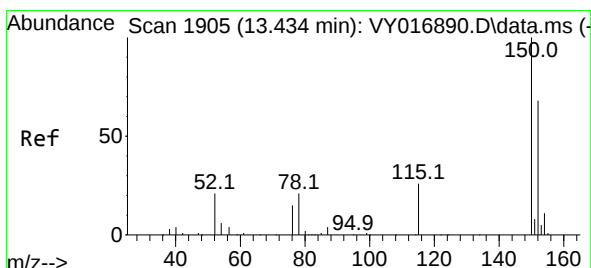
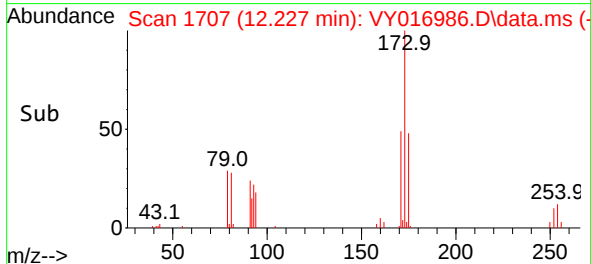
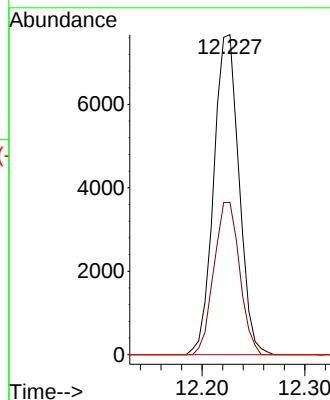
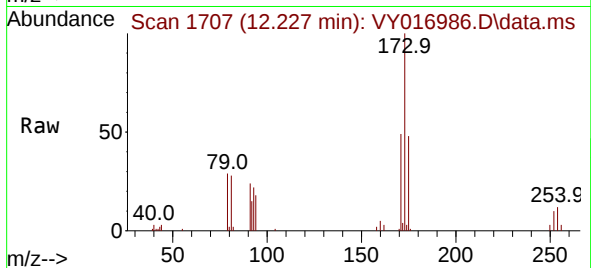
VY0112SBS01

Tgt Ion:	173	Resp:	1311
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

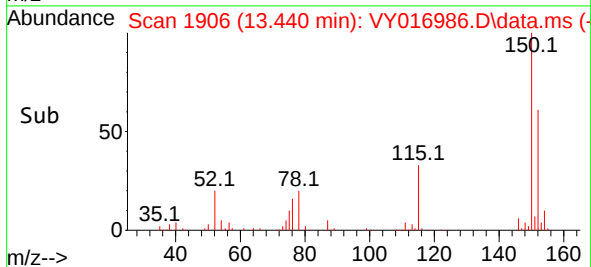
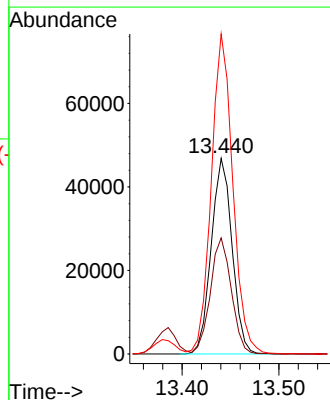
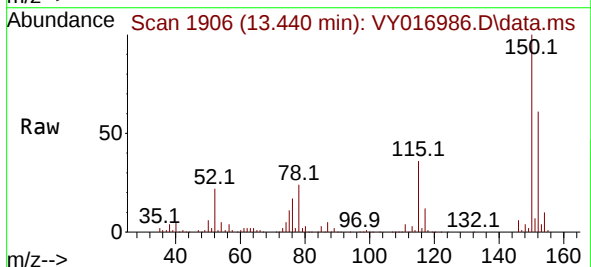
RT: 13.440 min Scan# 1906

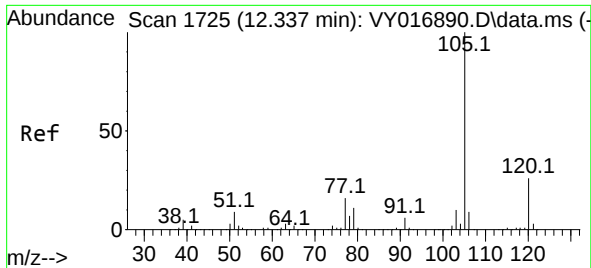
Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:	152	Resp:	70288
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.0	90.0
150	168.7	0.0	344.6





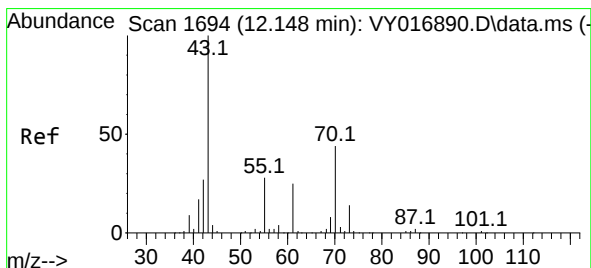
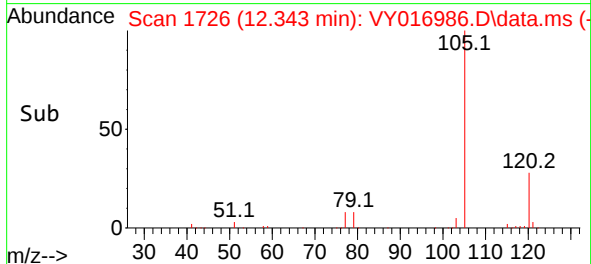
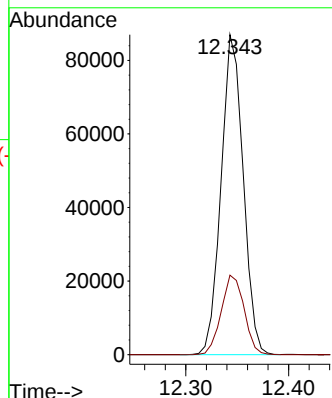
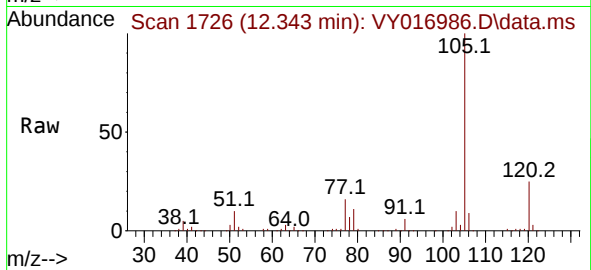
#73
Isopropylbenzene
Concen: 22.596 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:105 Resp: 129694
Ion Ratio Lower Upper
105 100
120 25.7 13.0 39.0

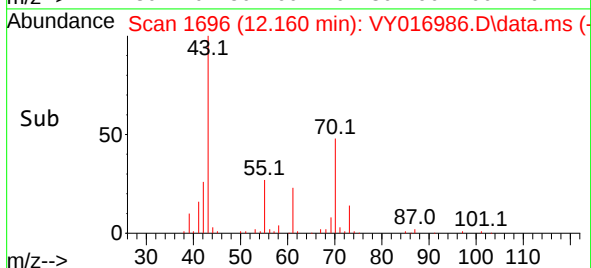
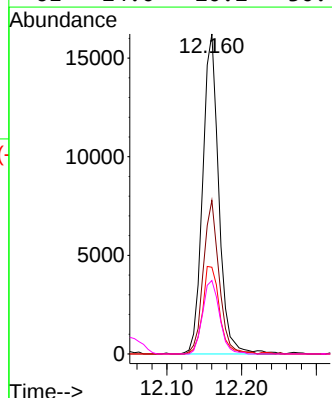
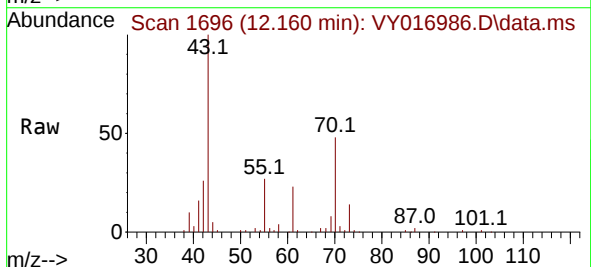
Manual Integrations
APPROVED

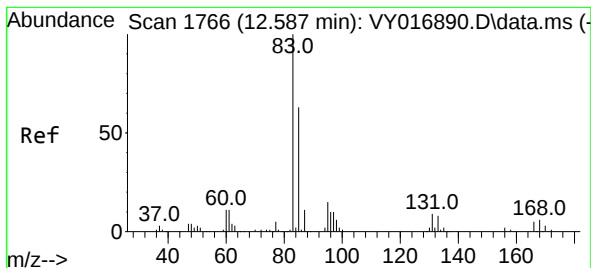
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#74
N-ethyl acetate
Concen: 21.117 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 43 Resp: 24352
Ion Ratio Lower Upper
43 100
70 46.6 36.6 55.0
55 28.7 22.2 33.4
61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.910 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

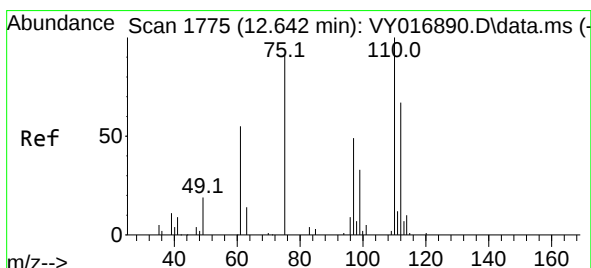
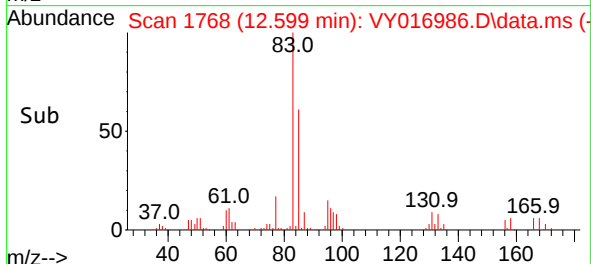
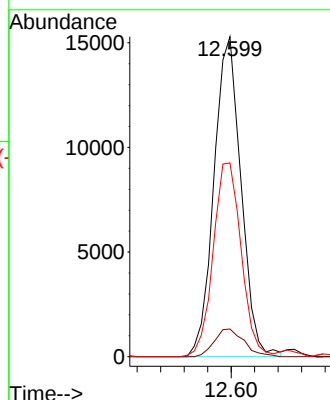
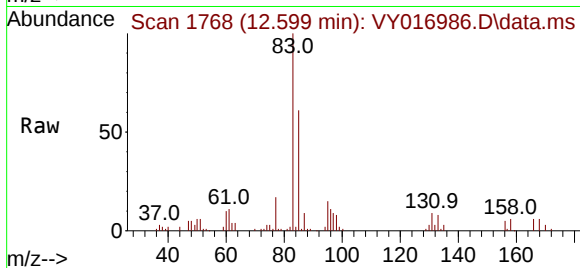
VY0112SBS01

Tgt Ion: 83 Resp: 24454
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.6
 85 62.6 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
 Supervised By :Semsettin Yesilyurt 01/15/2024



#76

1,2,3-Trichloropropane

Concen: 20.063 ug/l m

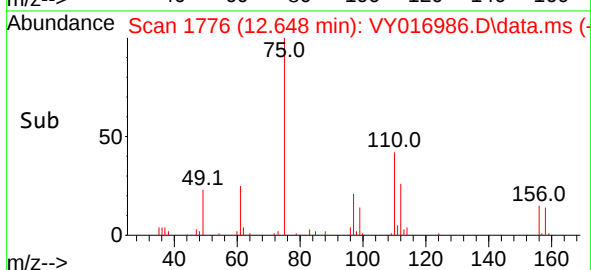
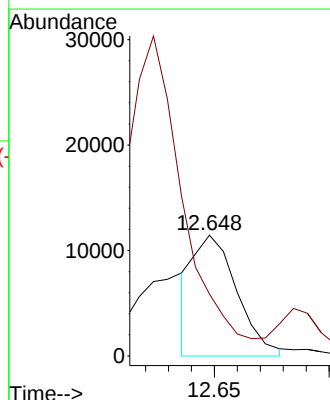
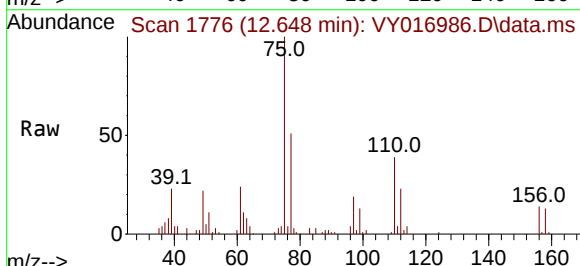
RT: 12.648 min Scan# 1776

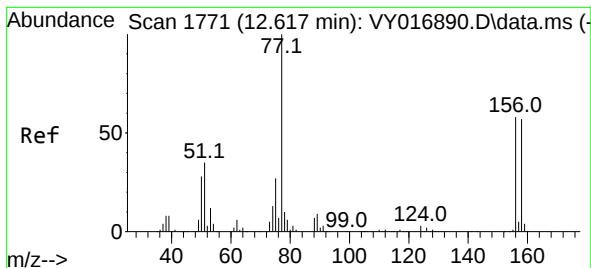
Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion: 75 Resp: 15303
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.509 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

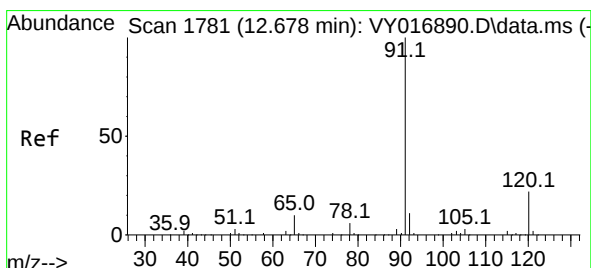
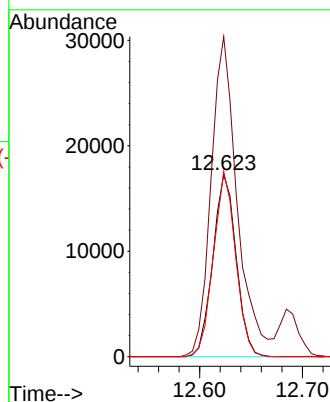
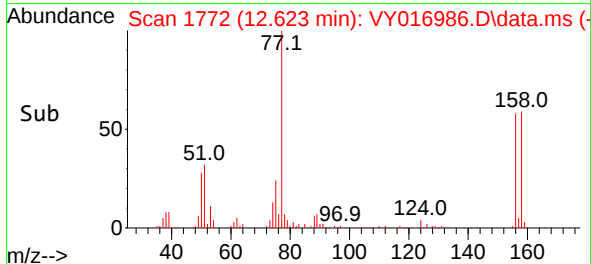
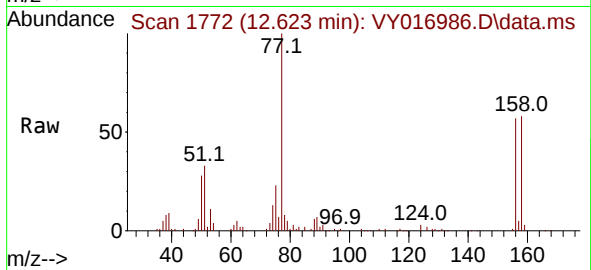
VY0112SBS01

Tgt Ion:	156	Resp:	2718
Ion Ratio	Lower	Upper	
156	100		
77	196.3	97.3	291.8
158	97.2	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#78

n-propylbenzene

Concen: 22.128 ug/l

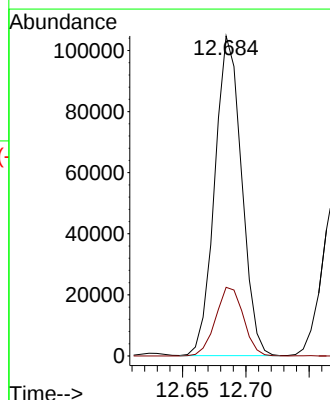
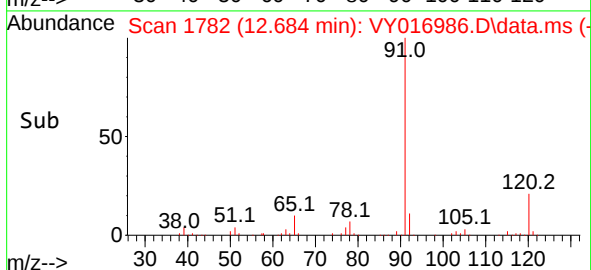
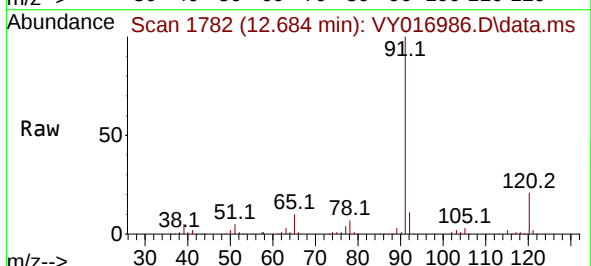
RT: 12.684 min Scan# 1782

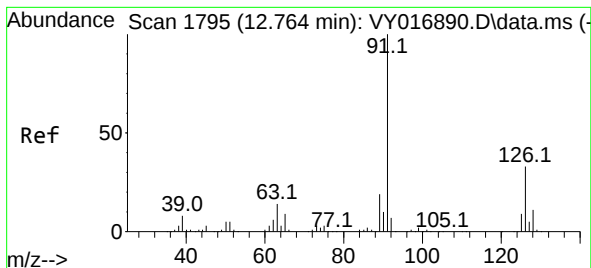
Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:	91	Resp:	154407
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0





#79

2-Chlorotoluene

Concen: 22.150 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 91 Resp: 85709

Ion Ratio Lower Upper

91 100

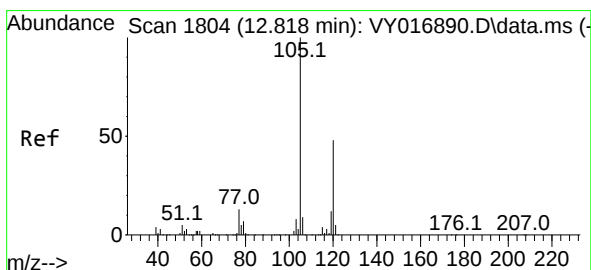
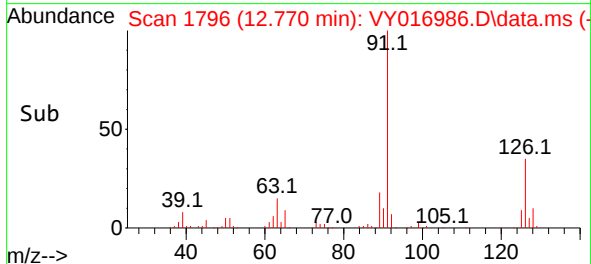
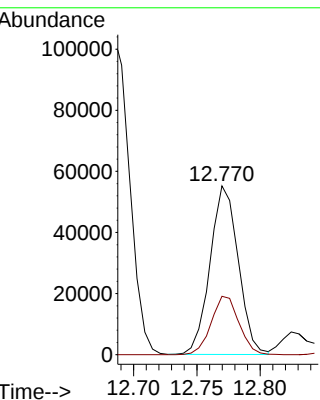
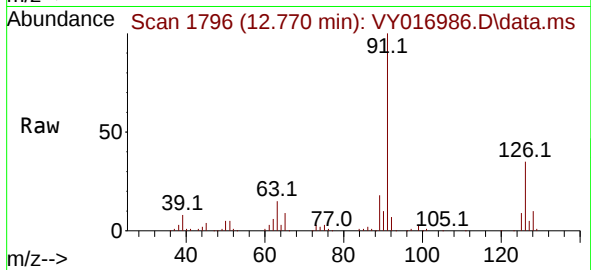
126 34.2 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 22.763 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY016986.D

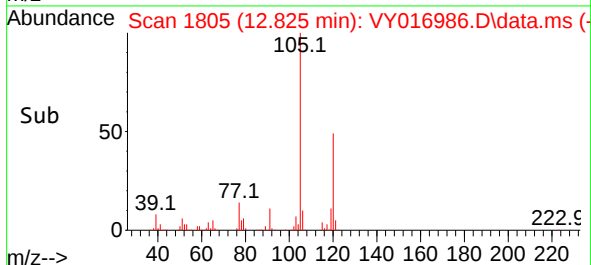
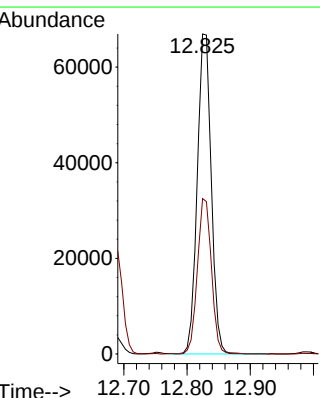
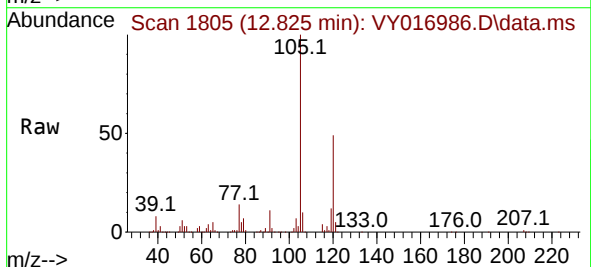
Acq: 12 Jan 2024 12:26

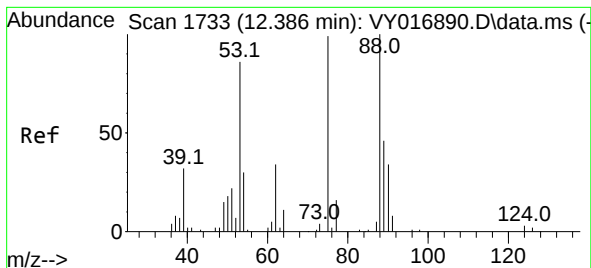
Tgt Ion:105 Resp: 103333

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





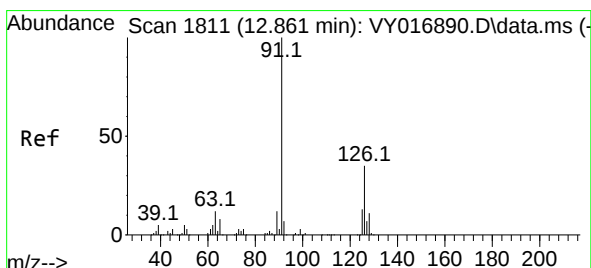
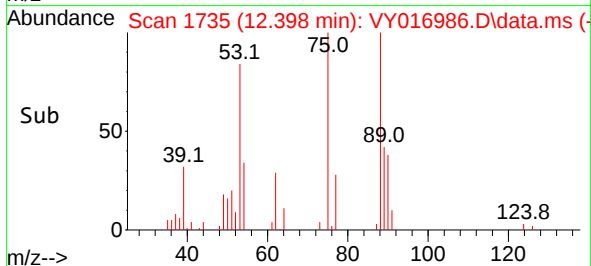
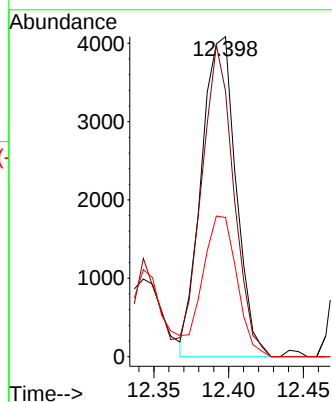
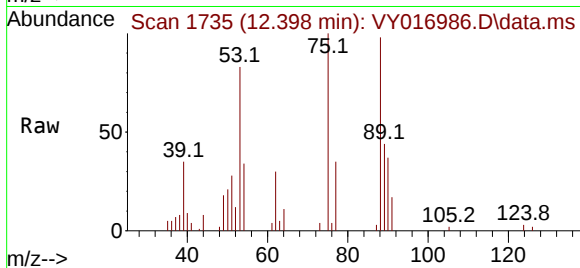
#81
trans-1,4-Dichloro-2-butene
Concen: 19.625 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion: 75 Resp: 6592
Ion Ratio Lower Upper
75 100
53 91.3 74.0 111.0
89 43.6 36.5 54.7

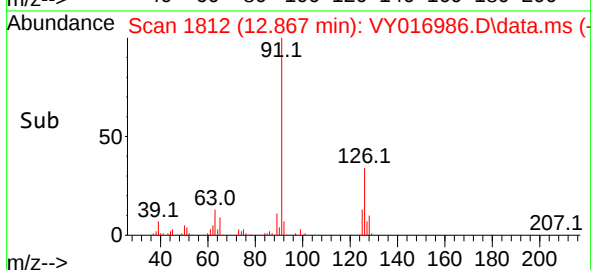
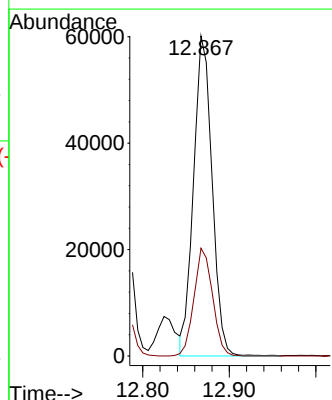
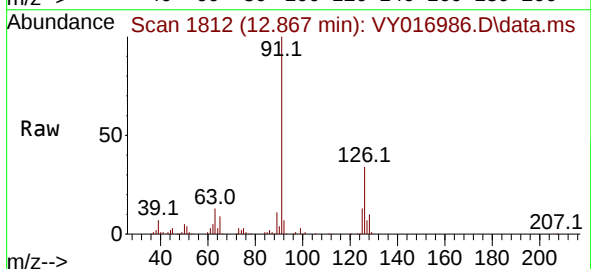
Manual Integrations
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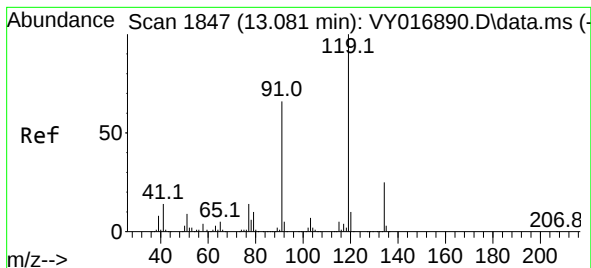
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#82
4-Chlorotoluene
Concen: 22.629 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 91 Resp: 89455
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.047 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

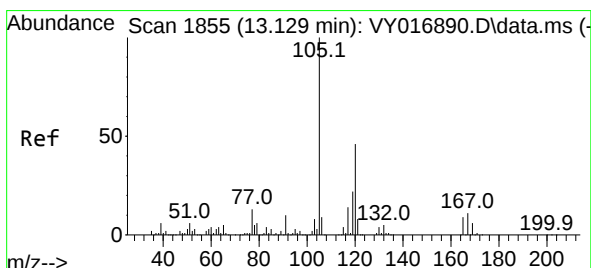
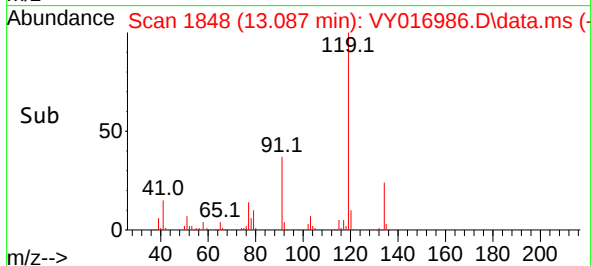
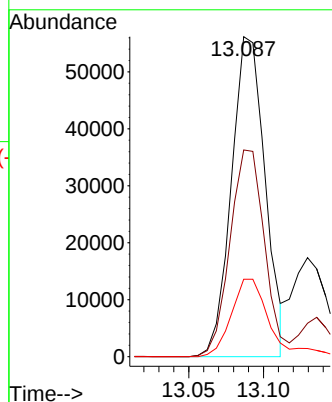
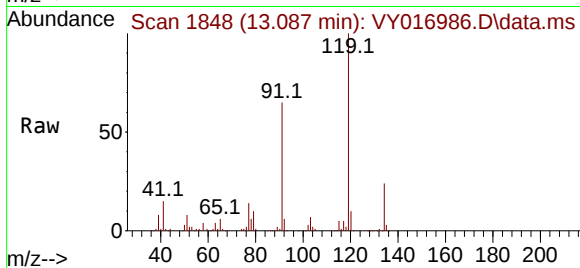
VY0112SBS01

Tgt Ion:	119	Resp:	8815
Ion Ratio	Lower	Upper	
119	100		
91	66.3	31.5	94.5
134	27.5	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.567 ug/l

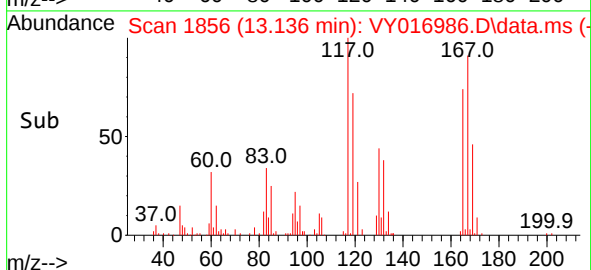
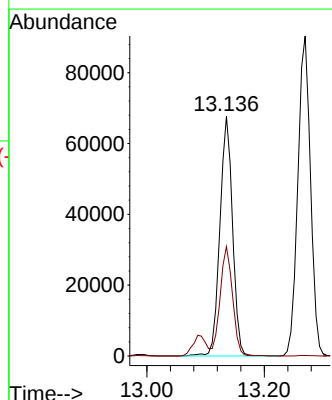
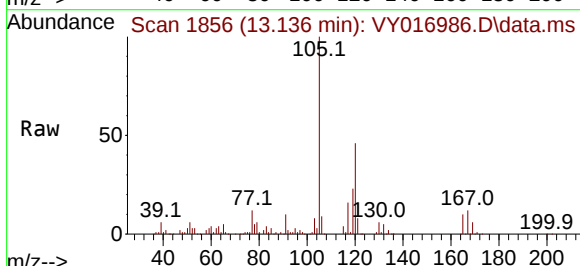
RT: 13.136 min Scan# 1856

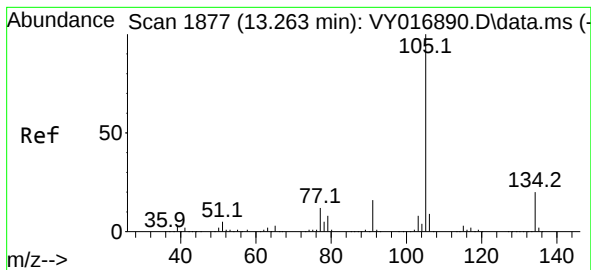
Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:	105	Resp:	100886
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.1	66.3





#85

sec-Butylbenzene

Concen: 22.798 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion:105 Resp: 13506

Ion Ratio Lower Upper

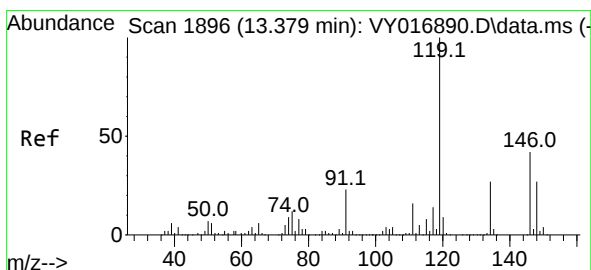
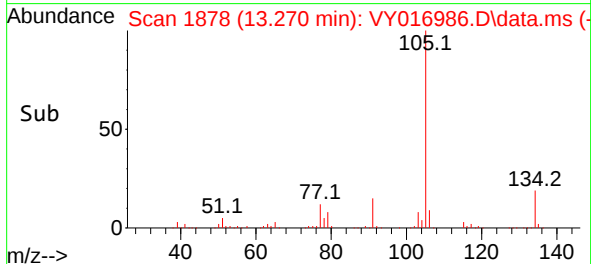
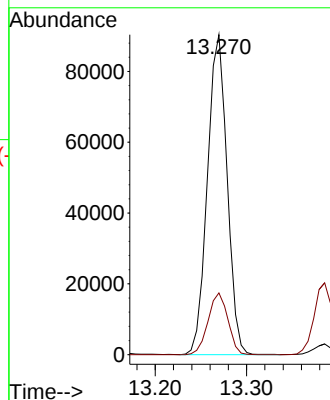
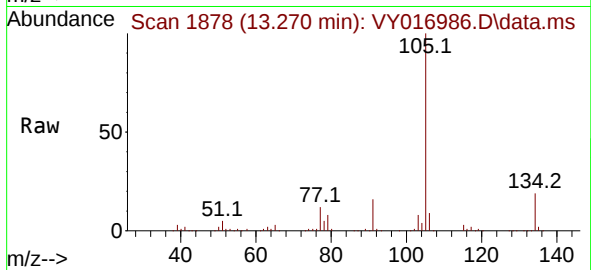
105 100

134 19.3 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#86

p-Isopropyltoluene

Concen: 22.444 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

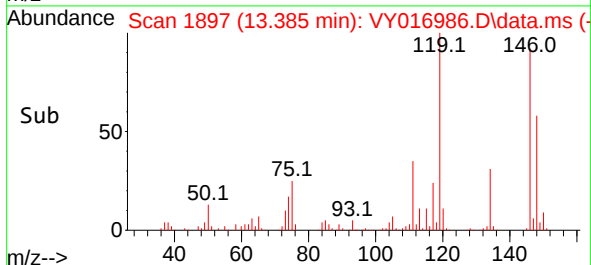
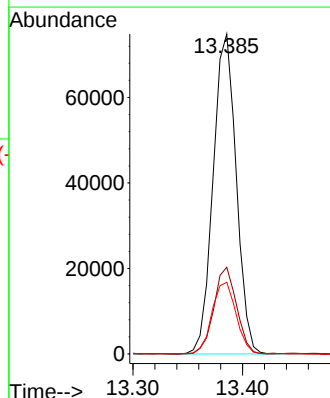
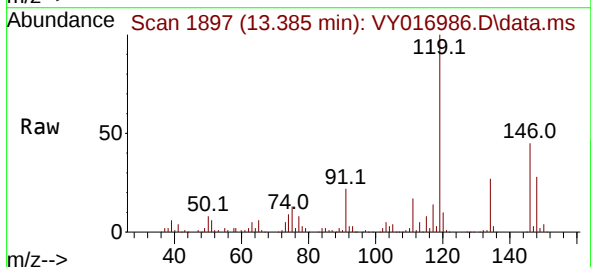
Tgt Ion:119 Resp: 109740

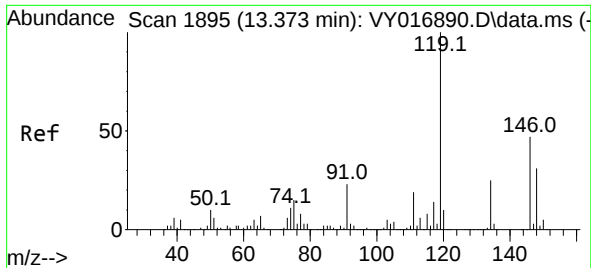
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.842 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

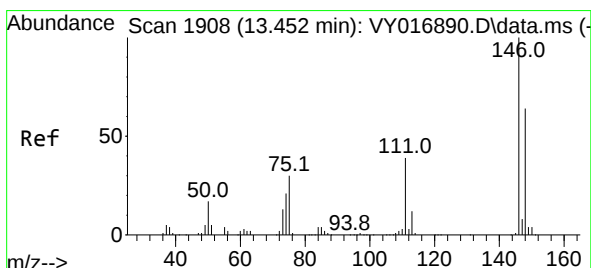
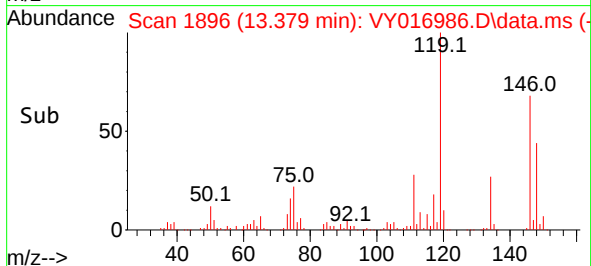
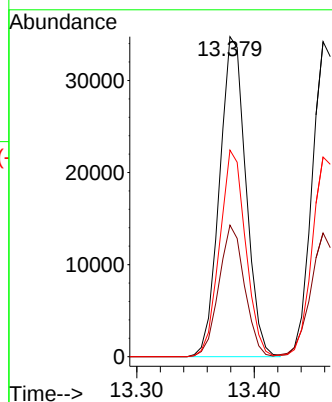
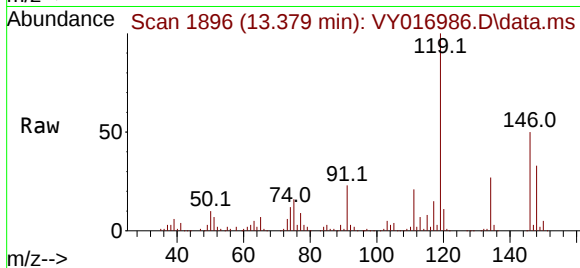
VY0112SBS01

Tgt Ion:146 Resp: 54135
Ion Ratio Lower Upper
146 100
111 40.0 20.2 60.5
148 63.7 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#88

1,4-Dichlorobenzene

Concen: 22.217 ug/l

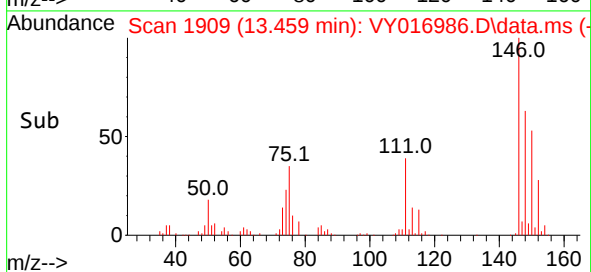
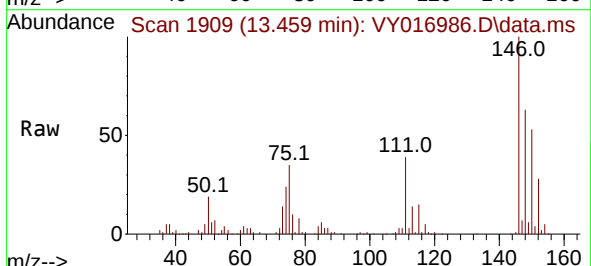
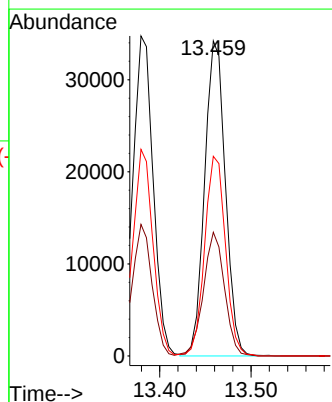
RT: 13.459 min Scan# 1909

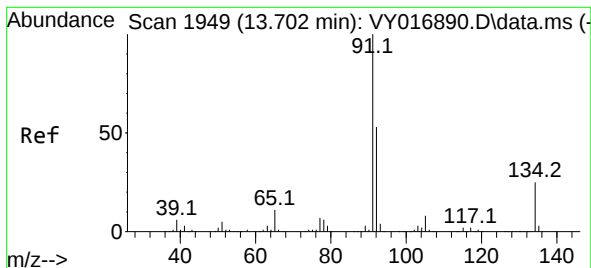
Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:146 Resp: 53855
Ion Ratio Lower Upper
146 100
111 40.0 19.3 57.9
148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 22.384 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0112SBS01

Tgt Ion: 91 Resp: 105230

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

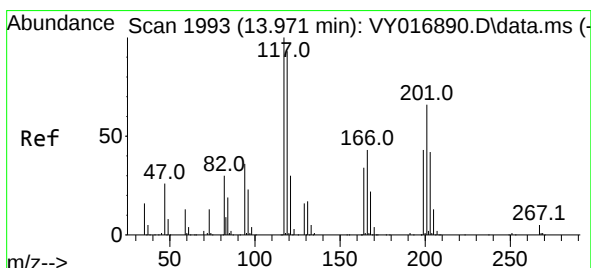
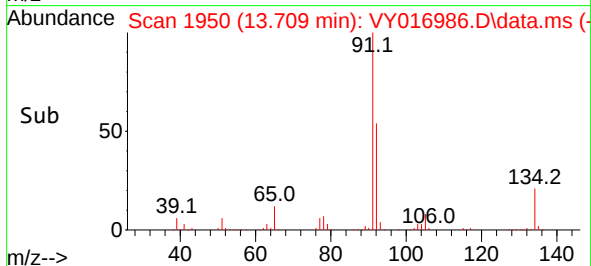
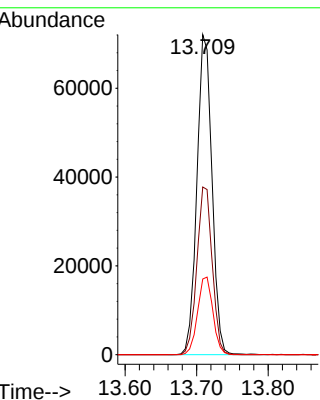
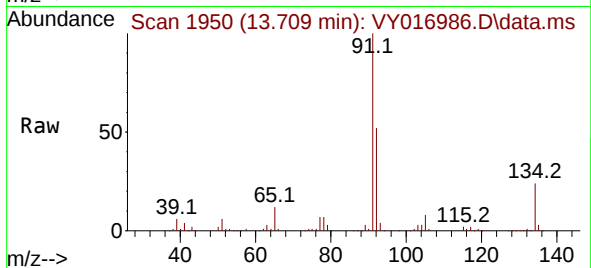
134 24.6 12.3 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024

Supervised By :Semsettin Yesilyurt 01/15/2024



#90

Hexachloroethane

Concen: 22.444 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016986.D

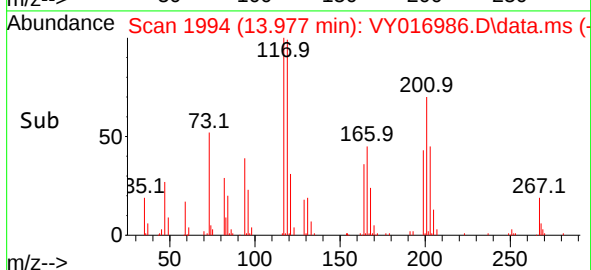
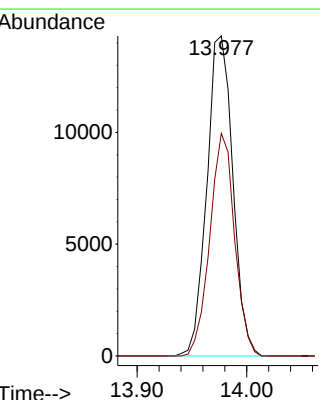
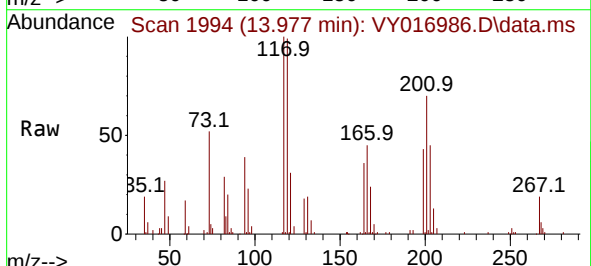
Acq: 12 Jan 2024 12:26

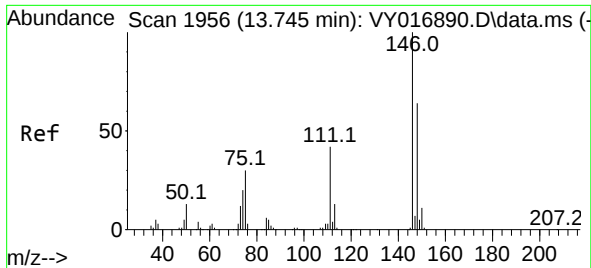
Tgt Ion:117 Resp: 23581

Ion Ratio Lower Upper

117 100

201 66.3 33.4 100.1





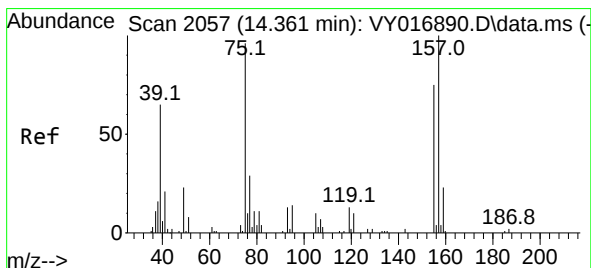
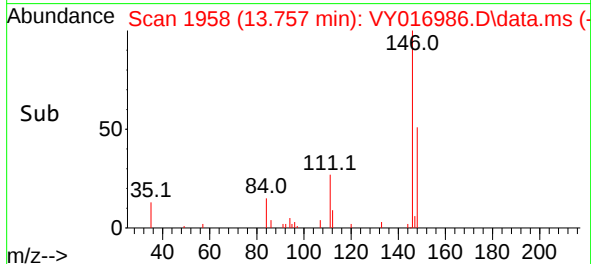
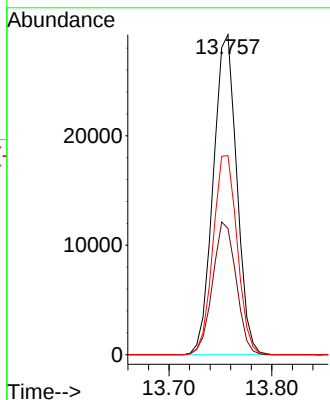
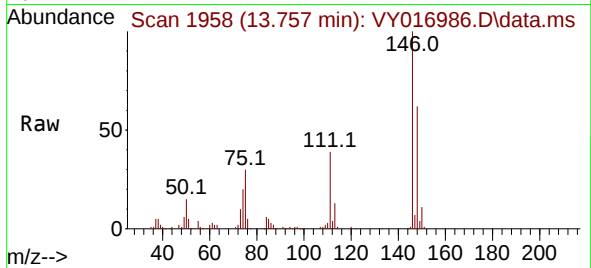
#91
1,2-Dichlorobenzene
Concen: 21.679 ug/l
RT: 13.757 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VY0112SBS01

Tgt Ion:146 Resp: 46434
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.0 31.4 94.3

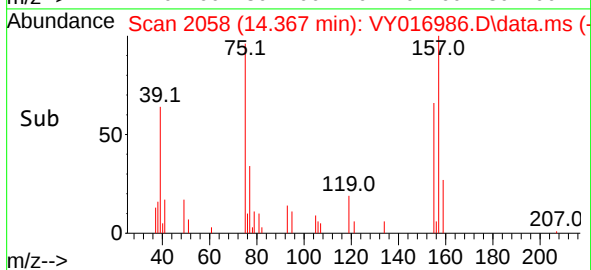
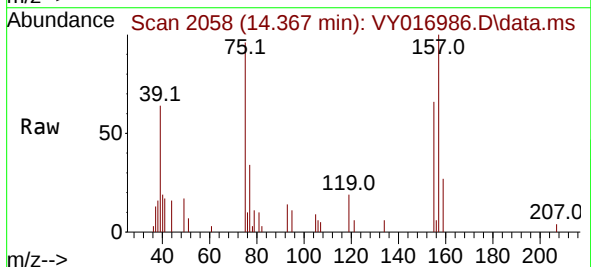
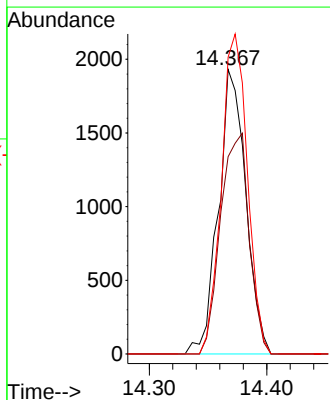
Manual Integrations
APPROVED

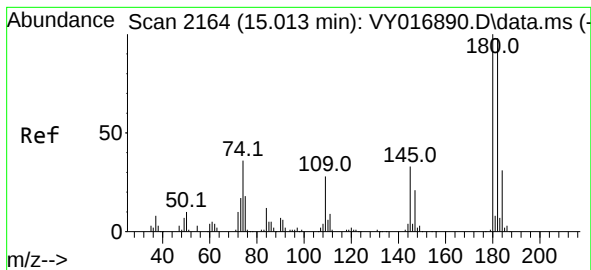
Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.309 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016986.D
Acq: 12 Jan 2024 12:26

Tgt Ion: 75 Resp: 3125
Ion Ratio Lower Upper
75 100
155 81.2 42.1 126.3
157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.379 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

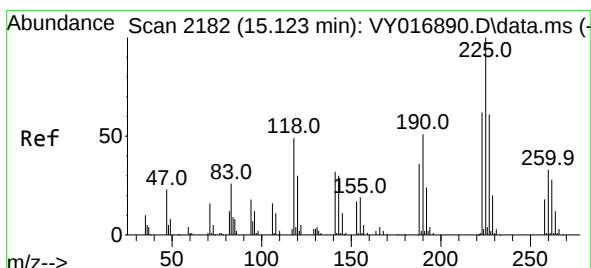
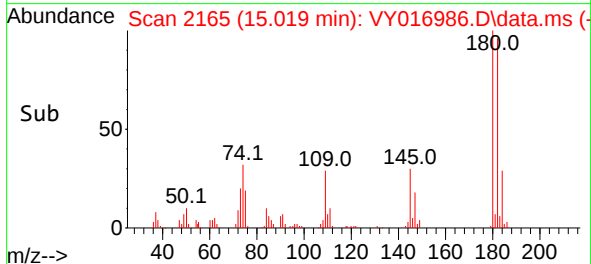
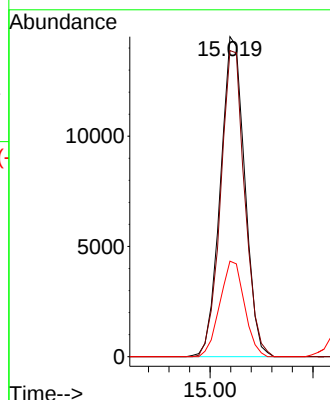
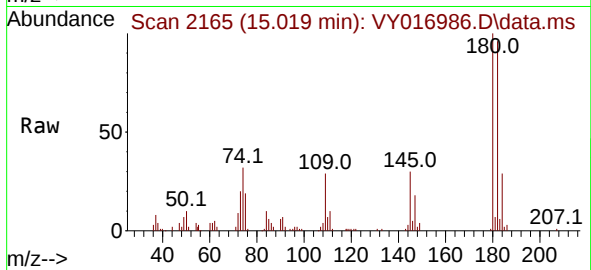
VY0112SBS01

Tgt Ion:180	Resp:	2380
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.7
145	30.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#94

Hexachlorobutadiene

Concen: 22.249 ug/l

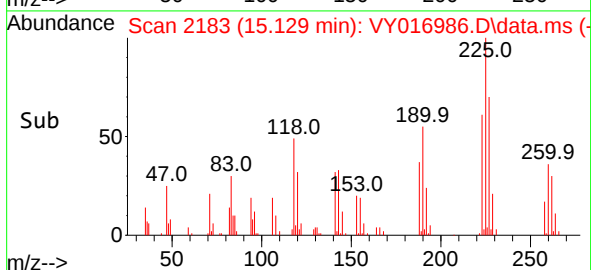
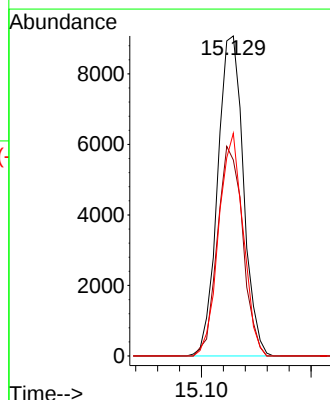
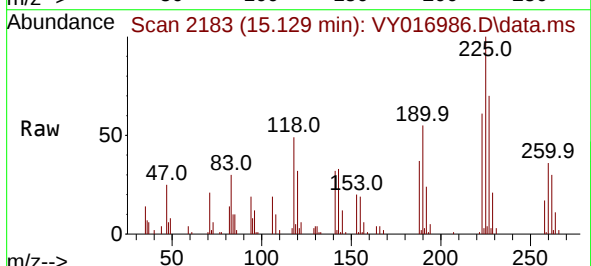
RT: 15.129 min Scan# 2183

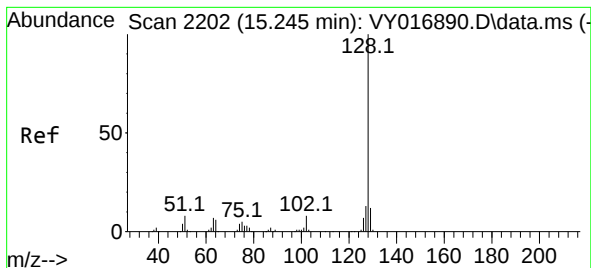
Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:225	Resp:	14824
Ion Ratio	Lower	Upper
225	100	
223	64.6	31.4 94.3
227	65.9	32.3 96.8





#95

Naphthalene

Concen: 22.143 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

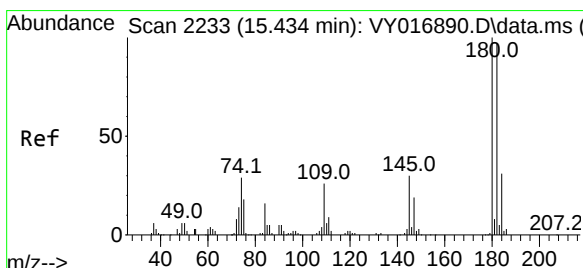
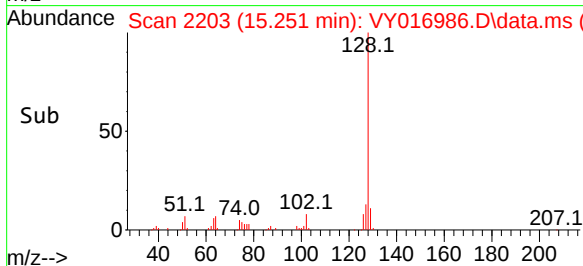
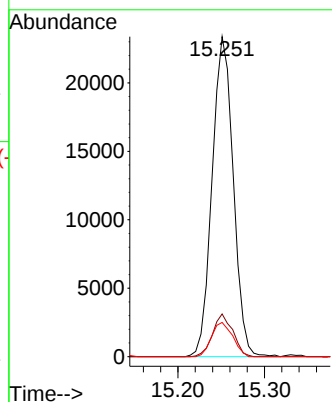
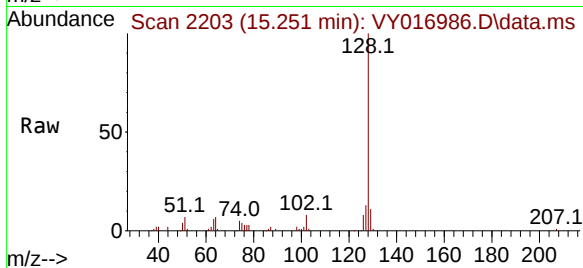
VY0112SBS01

Tgt Ion:	128	Resp:	3968
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/15/2024
Supervised By :Semsettin Yesilyurt 01/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 22.372 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016986.D

Acq: 12 Jan 2024 12:26

Tgt Ion:	180	Resp:	20204
Ion Ratio	Lower	Upper	
180	100		
182	95.3	46.3	138.8
145	30.5	16.1	48.2

