Quantitation Report (QT/LSC Reviewed)

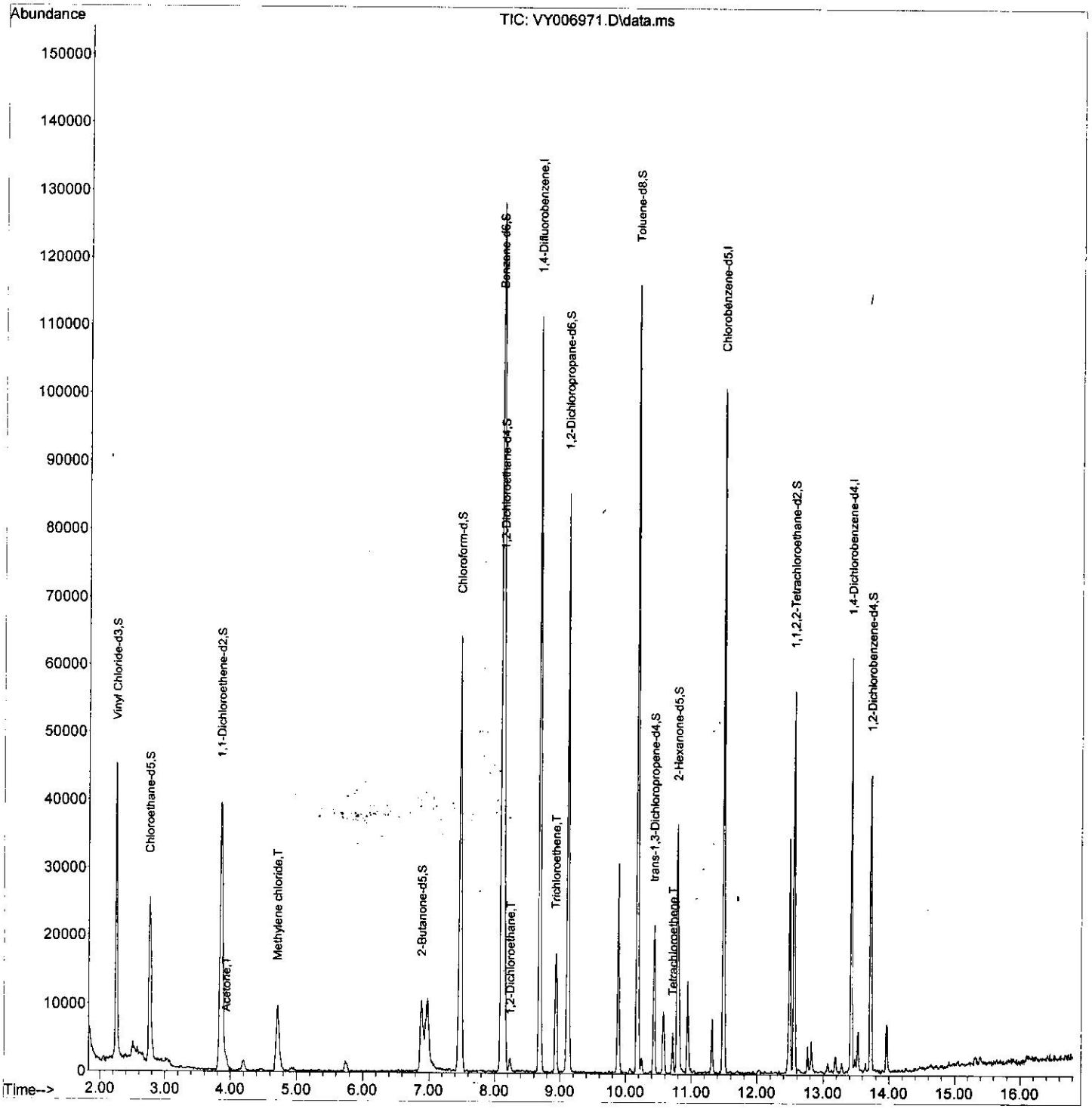
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006971.D
Acq On : 06 Dec 2021 19:09
Operator : SY/MD
Sample : M4887-19
Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 07 00:49:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 07 00:43:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
EX8D1

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



Quantitation Report (Qedit)

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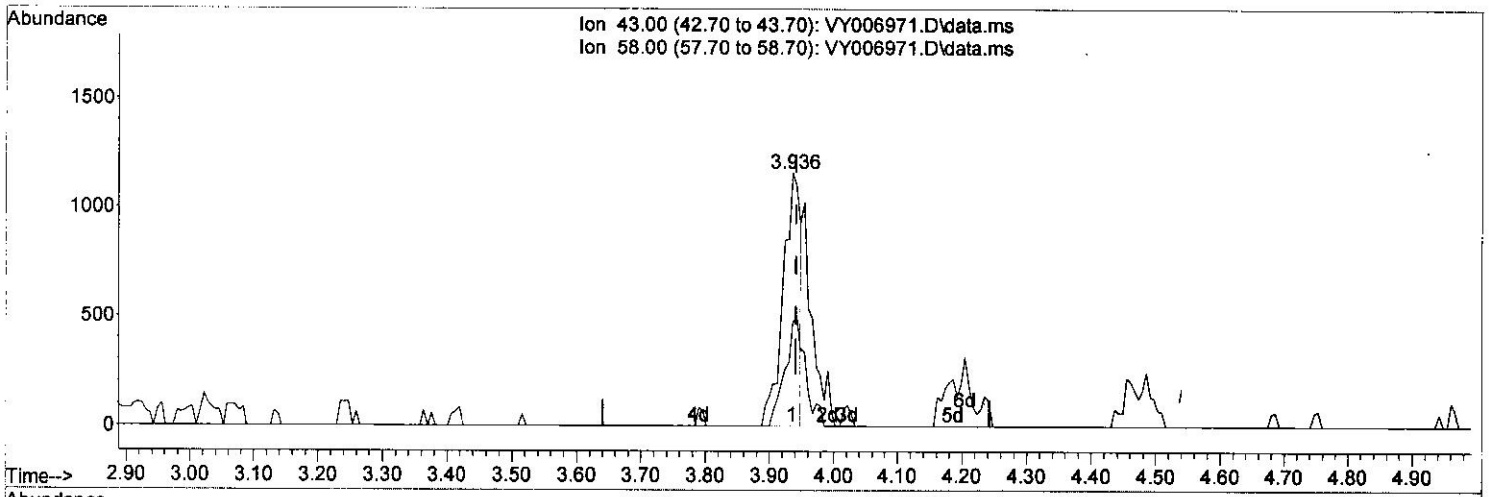

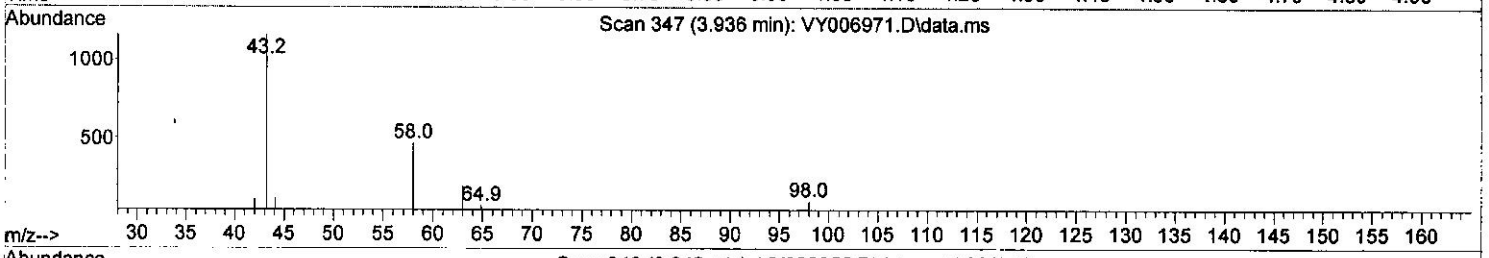

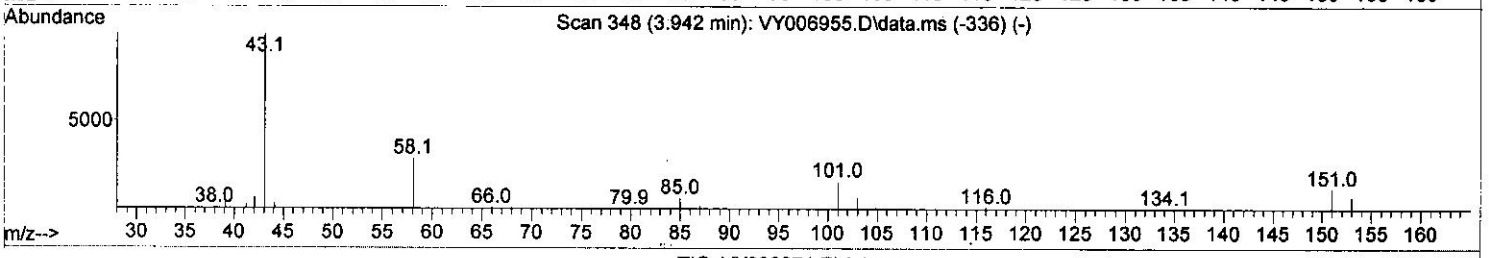

TIC: VY006971.D\data.ms

(13) Acetone (T)

3.936min (-0.006) 5.39 ug/L

response 2185

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	46.91
0.00	0.00	0.00
0.00	0.00	0.00

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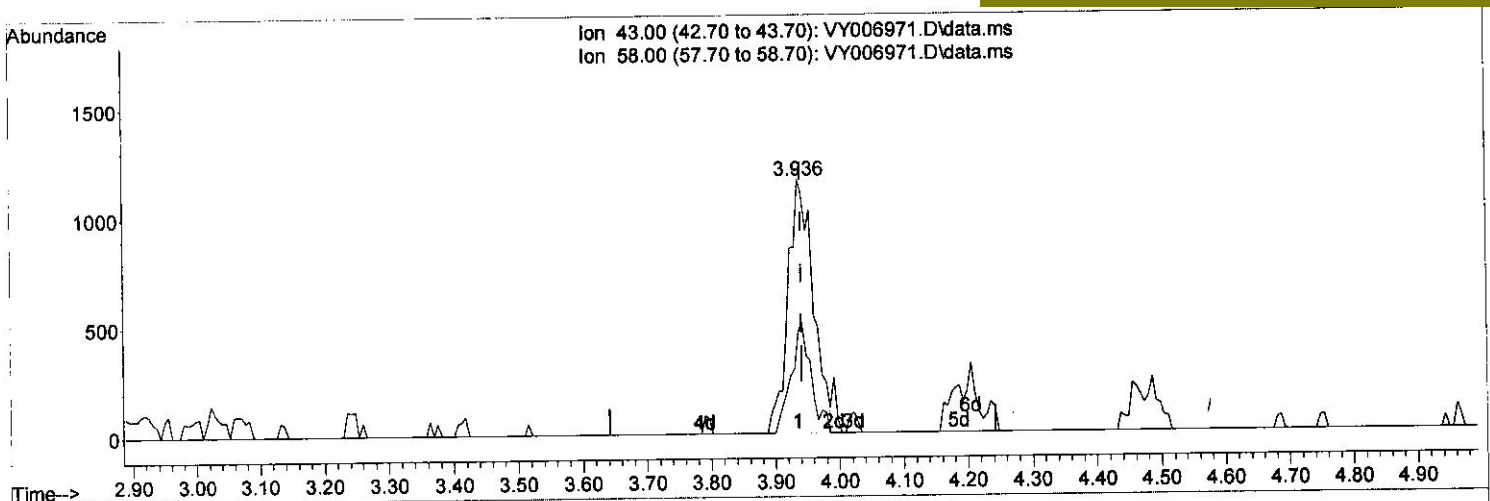

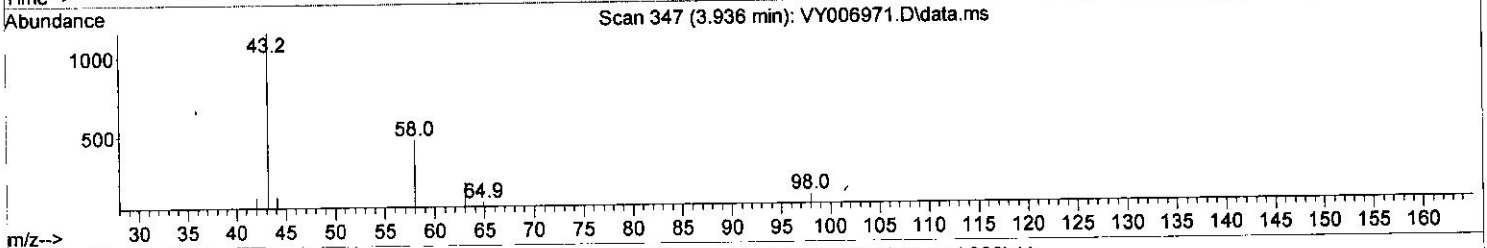

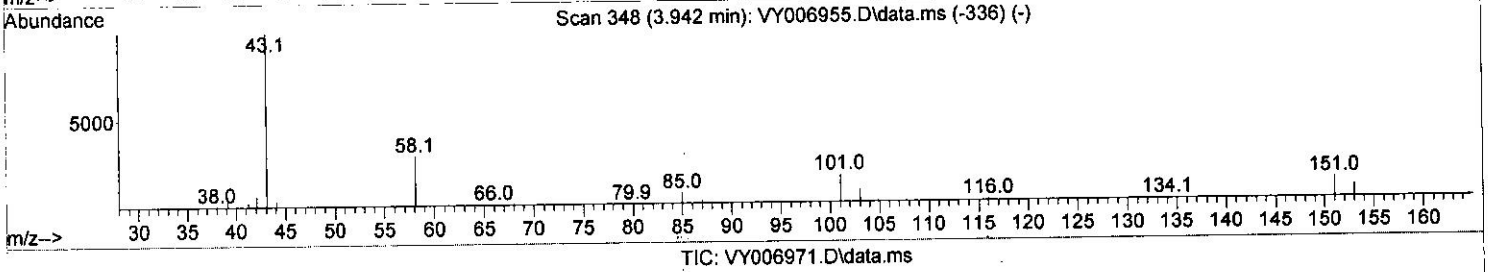

TIC: VY006971.D\data.ms

(13) Acetone (T)

3.936min (-0.006) 7.79 ug/L m 12/7/2021

response 3158

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	32.46
0.00	0.00	0.00
0.00	0.00	0.00

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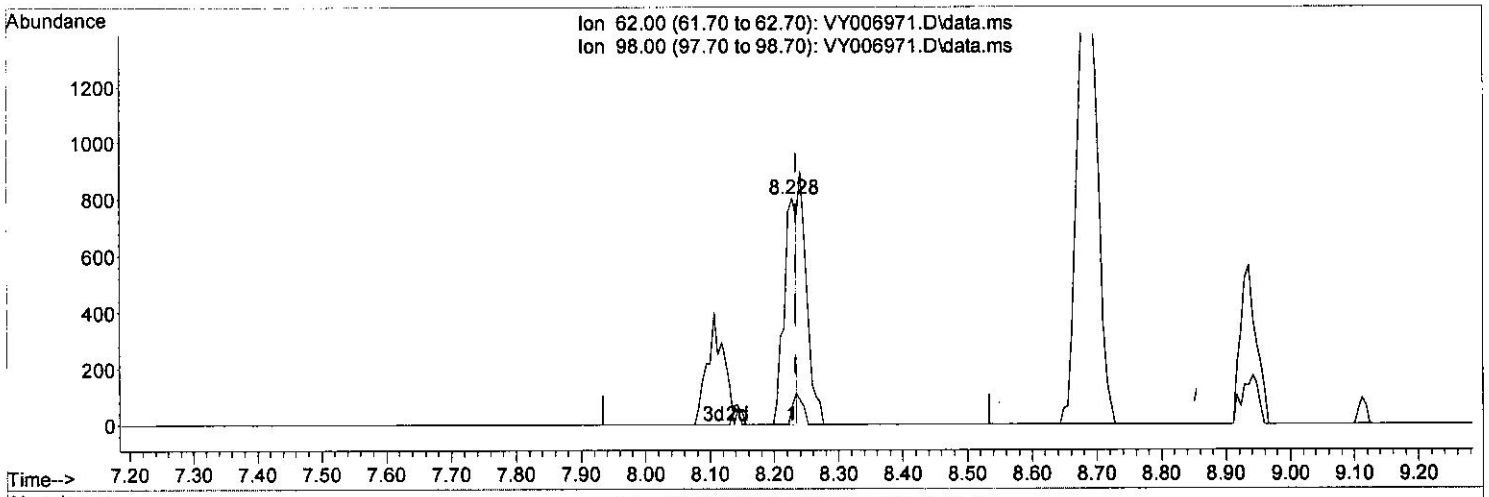

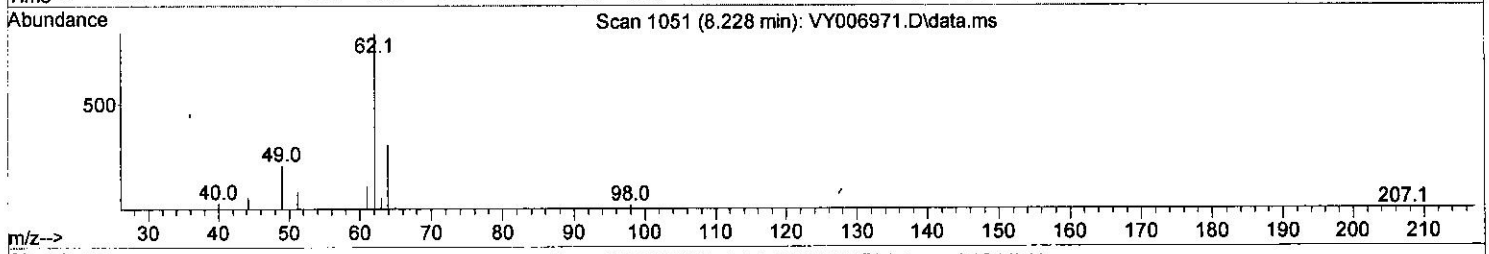

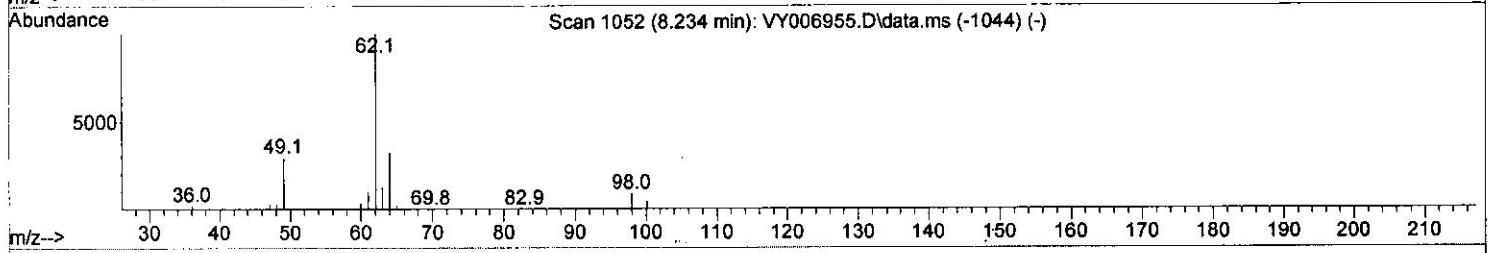

TIC: VY006971.D\data.ms

(27) 1,2-Dichloroethane (T)

8.228min (-0.006) 0.63 ug/L

response 1102

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.60	8.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_Y
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
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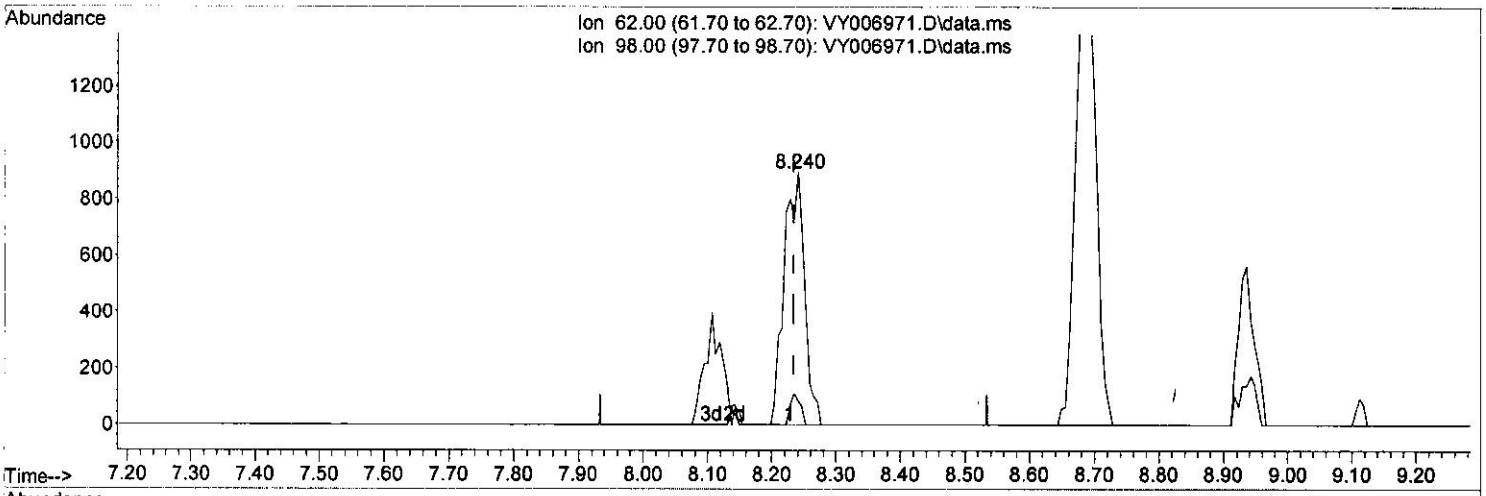

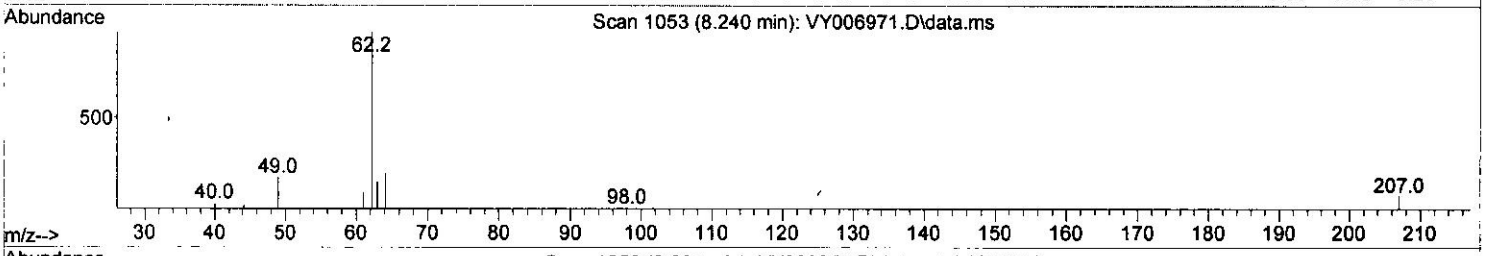

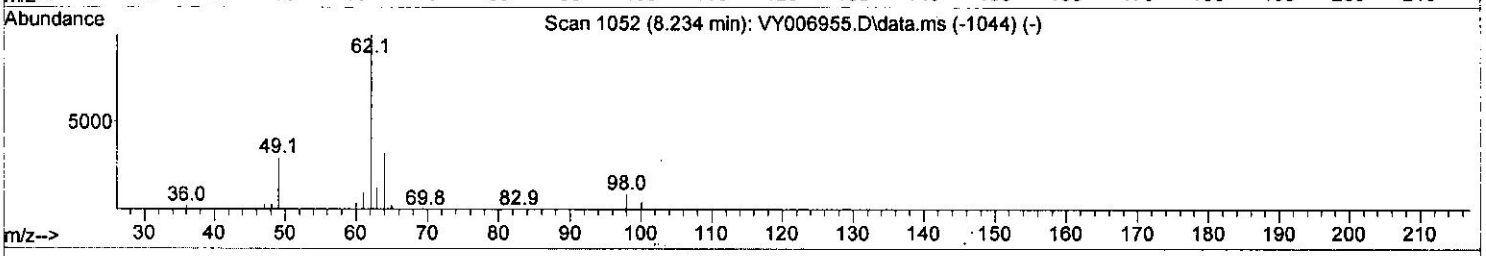

TIC: VY006971.D\data.ms

(27) 1,2-Dichloroethane (T)

8.240min (+ 0.006) 1.11 ug/L m MD 12/20/21

response 1951

Ion	Exp%	Act%
62.00	100.00	100.00
98.00	8.60	9.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT/LSC Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	88951	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	50111	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	13195	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	47024	41.047	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 164.200%#			
7) Chloroethane-d5	2.766	69	30933	34.420	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.680%			
11) 1,1-Dichloroethene-d2	3.851	63	44976	18.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.520%			
21) 2-Butanone-d5	6.887	46	18038	40.766	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.540%			
24) Chloroform-d	7.478	84	62136	28.030	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 112.120%			
26) 1,2-Dichloroethane-d4	8.137	65	38777	29.142	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 116.560%			
32) Benzene-d6	8.106	84	112034	42.088	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 168.360%#			
36) 1,2-Dichloropropane-d6	9.118	67	38612	46.167	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 184.680%#			
41) Toluene-d8	10.179	98	71360	28.623	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 114.480%			
43) trans-1,3-Dichloroprop...	10.435	79	11069	27.363	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.440%			
47) 2-Hexanone-d5	10.789	63	10266	53.036	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.080%			
56) 1,1,2,2-Tetrachloroeth...	12.557	84	25662	36.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 147.320%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	10083	23.433	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.720%			
Target Compounds						Qvalue
13) Acetone	3.936	43	3158m	7.788	ug/L	
16) Methylene chloride	4.710	84	7150.	4.482	ug/L	91
27) 1,2-Dichloroethane	8.240	62	1951m	1.107	ug/L	
34) Trichloroethene	8.935	95	5508	6.638	ug/L	97
46) Tetrachloroethene	10.721	164	1304	1.876	ug/L	81

MD 12/20/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed