

# Quantitation Report (QT Reviewed)

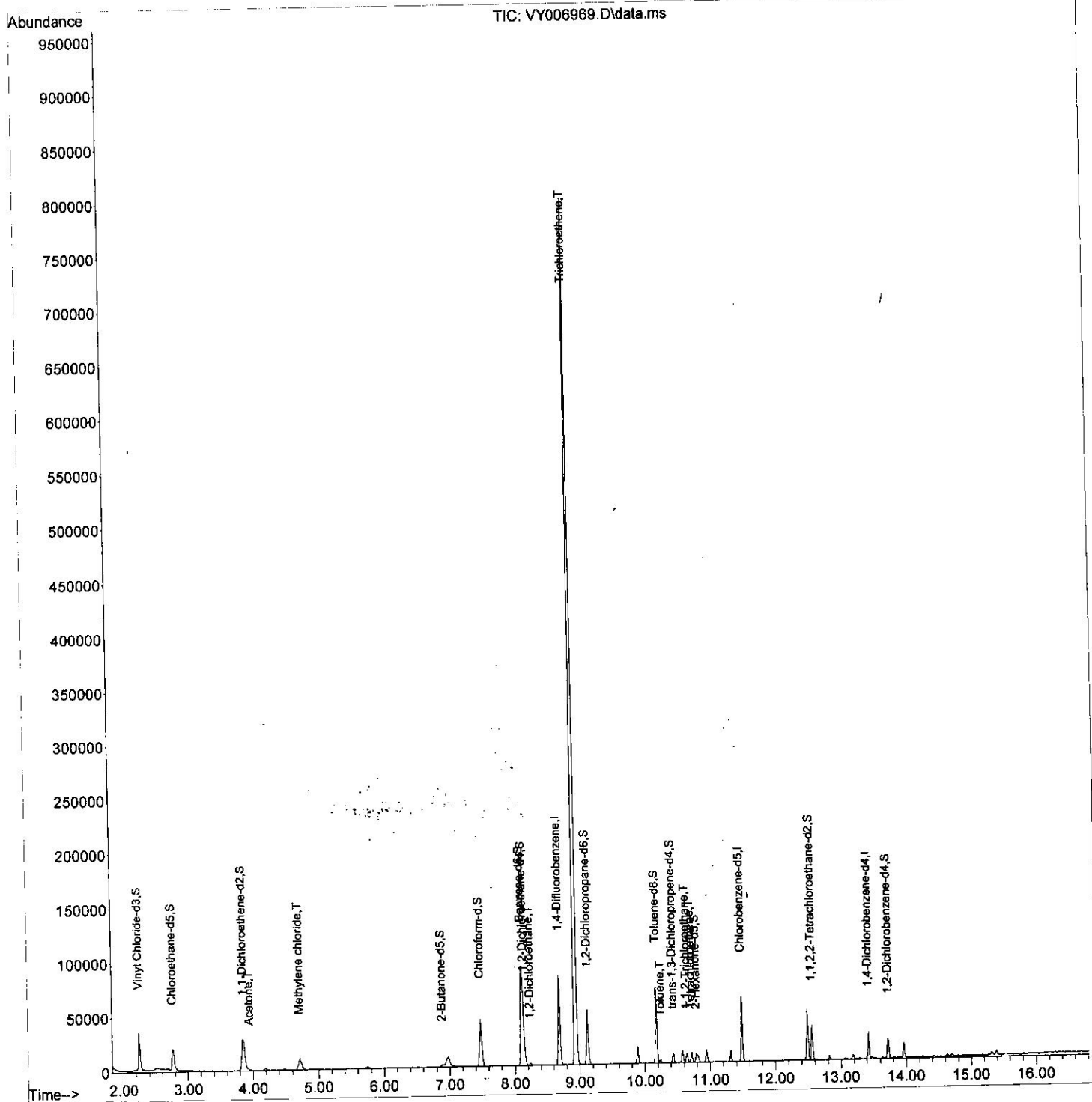
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120621\  
 Data File : VY006969.D  
 Acq On : 06 Dec 2021 18:25  
 Operator : SY/MD  
 Sample : M4887-15  
 Misc : 4.37g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 Client Sampled :  
 EX8C9

Quant Time: Dec 07 00:48:49 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

Manual Integrations APPROVED

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



# Quantitation Report (Qedit)

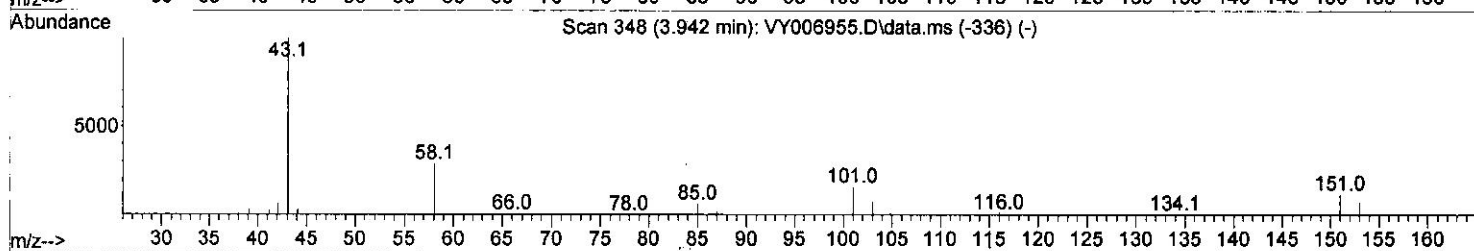
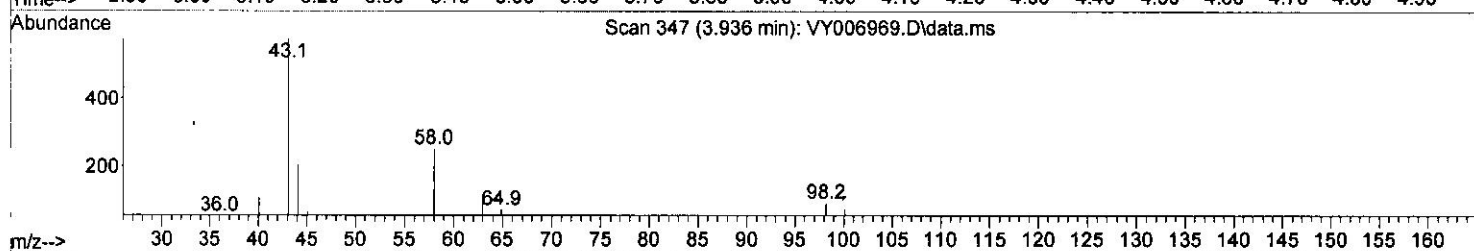
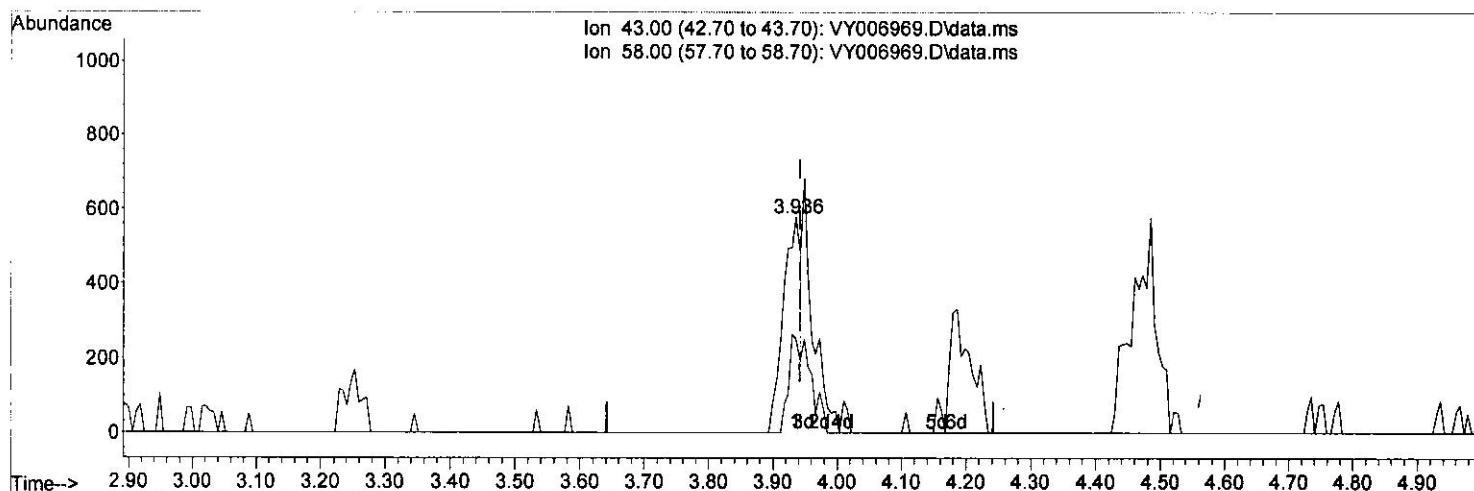
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TIC: VY006969.D\data.ms

(13) Acetone (T)

3.936min (-0.006) 3.62 ug/L

response 1075

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	30.60
0.00	0.00	0.00
0.00	0.00	0.00

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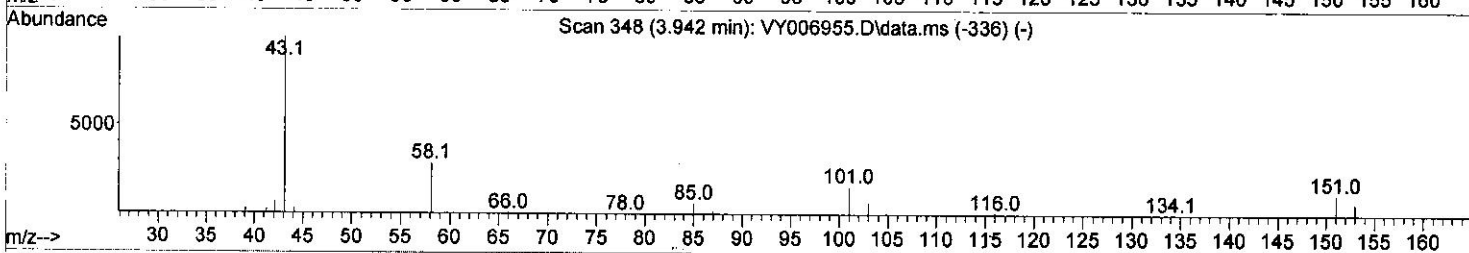
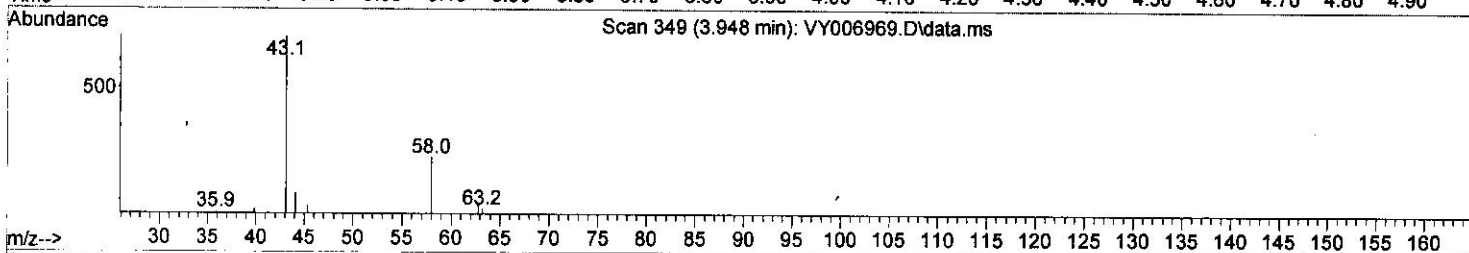
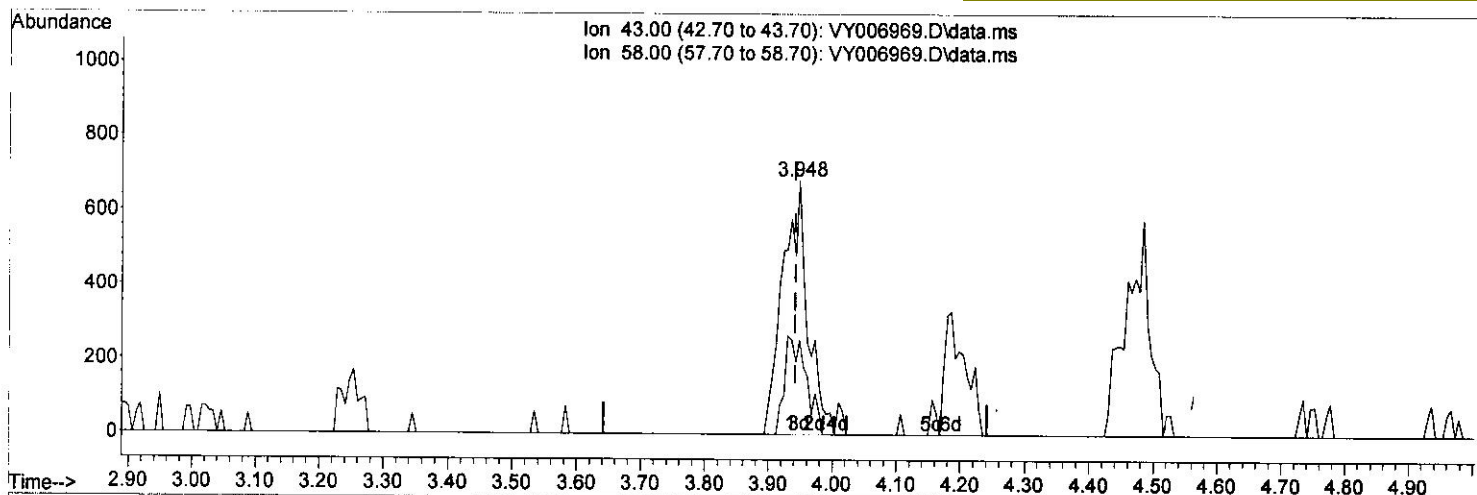
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TIC: VY006969.D\data.ms

(13) Acetone (T)

3.948min (+ 0.006) 6.25 ug/L m

response 1855

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	17.74
0.00	0.00	0.00
0.00	0.00	0.00

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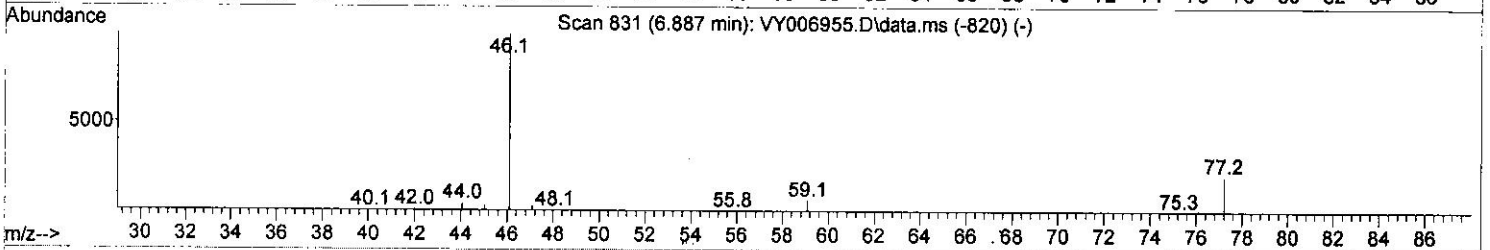
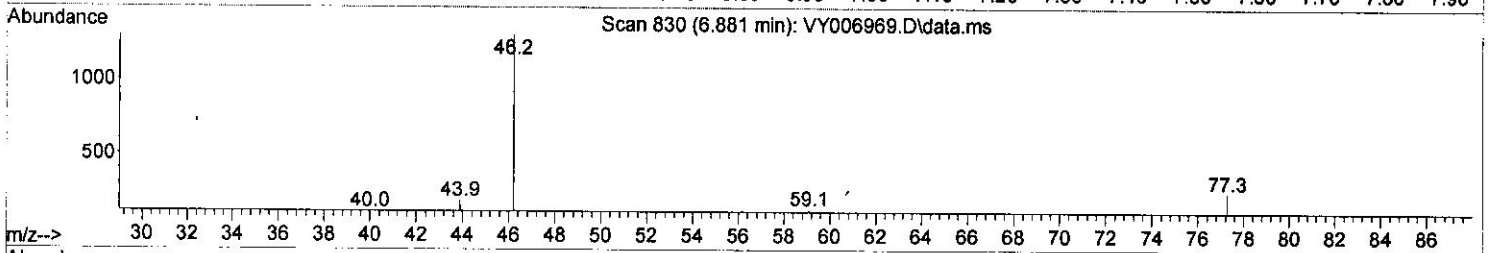
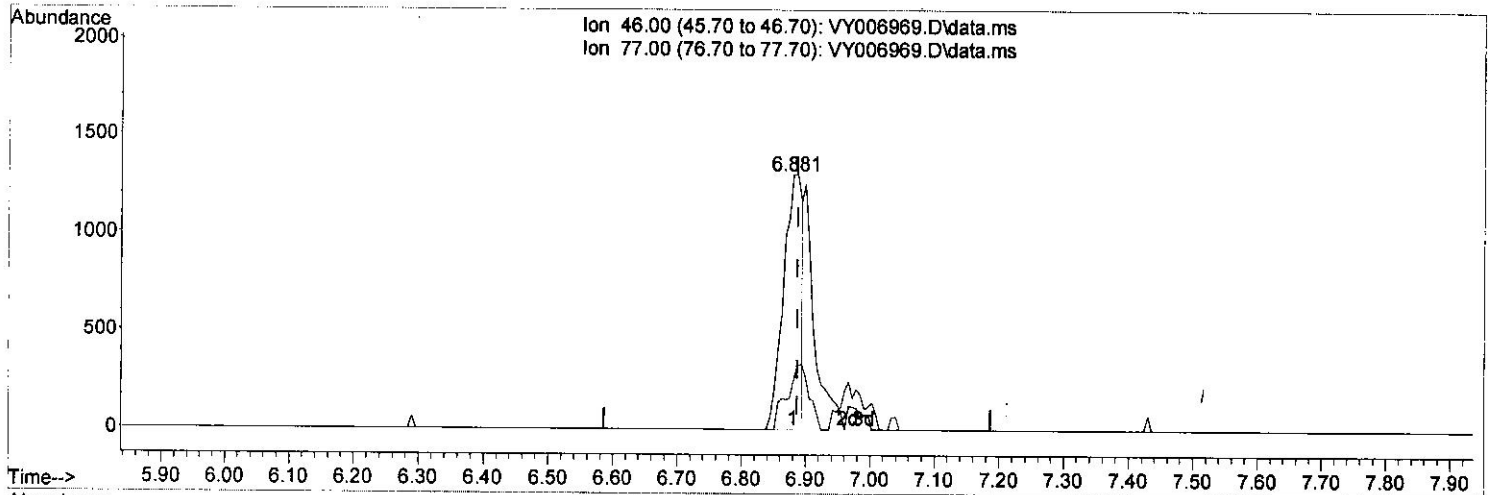
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TIC: VY006969.D\data.ms

(21) 2-Butanone-d5 (S)

6.881min (-0.006) 8.02 ug/L

response 2598

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	24.10
0.00	0.00	0.00
0.00	0.00	0.00

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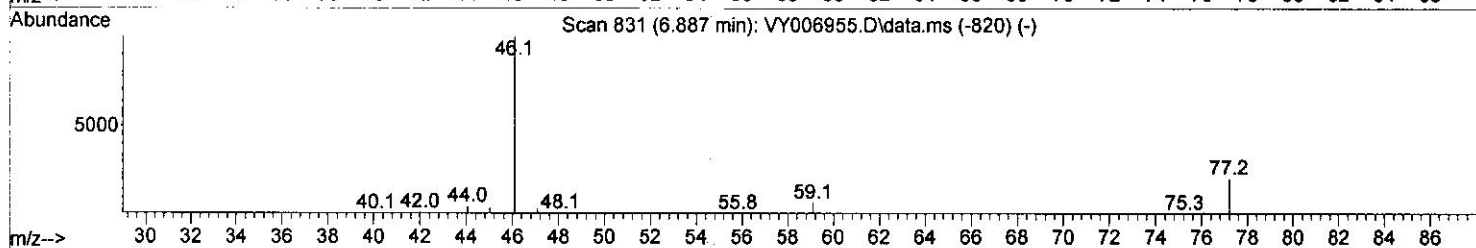
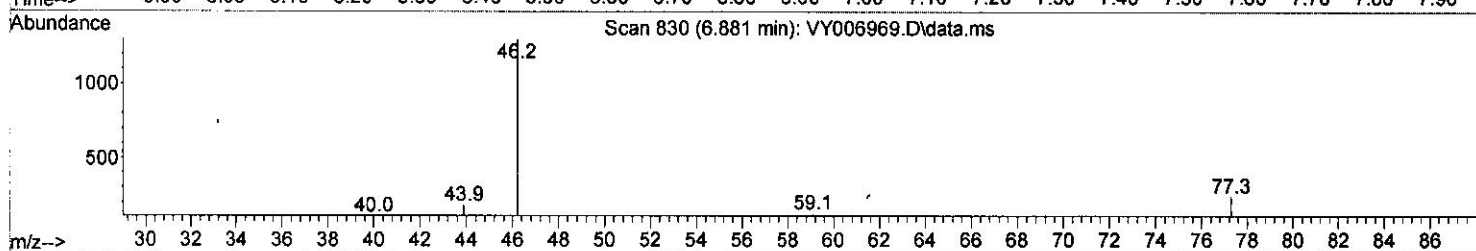
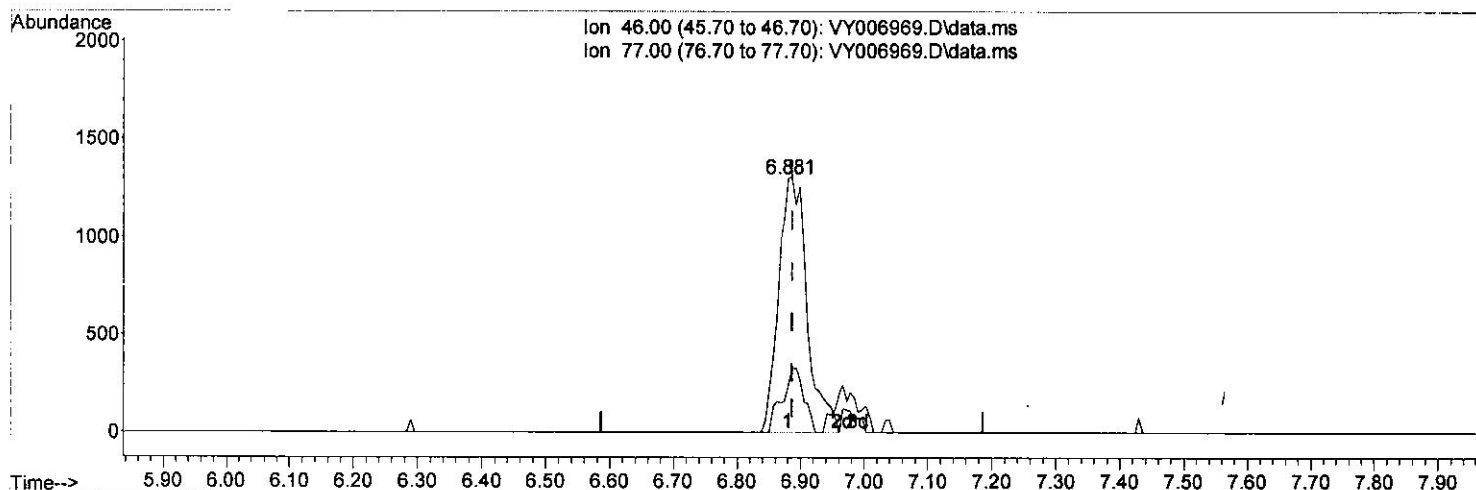
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TIC: VY006969.D\data.ms

(21) 2-Butanone-d5 (S)

6.881min (-0.006) 12.52 ug/L m

response 4053

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	15.45#
0.00	0.00	0.00
0.00	0.00	0.00



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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	65103	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.483	117	29836	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	5626	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	37027	44.160	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 176.640%#			
7) Chloroethane-d5	2.765	69	24537	37.305	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 149.200%			
11) 1,1-Dichloroethene-d2	3.851	63	33899	19.447	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.800%			
21) 2-Butanone-d5	6.881	46	4053m	12.515	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 25.040%			
24) Chloroform-d	7.472	84	41857	25.799	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.200%			
26) 1,2-Dichloroethane-d4	8.136	65	22561	23.166	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.680%			
32) Benzene-d6	8.106	84	75960	47.928	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 191.720%#			
36) 1,2-Dichloropropane-d6	9.124	67	23255	46.700	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 186.800%#			
41) Toluene-d8	10.179	98	43345	29.201	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 116.800%			
43) trans-1,3-Dichloroprop...	10.435	79	4496	18.667	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.680%			
47) 2-Hexanone-d5	10.788	63	2302	19.974	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 39.940%			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	15357	37.017	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 148.080%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	3974	21.660	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.640%			
Target Compounds						
13) Acetone	3.948	43	1855m	6.250	ug/L	
16) Methylene chloride	4.710	84	7221	6.185	ug/L	84
27) 1,2-Dichloroethane	8.234	62	2100	1.628	ug/L #	92
34) Trichloroethene	8.935	95	255230	516.582	ug/L	92
42) Toluene	10.246	91	2296	1.073	ug/L	100
45) 1,1,2-Trichloroethane	10.642	97	2461	6.496	ug/L	92
46) Tetrachloroethene	10.715	164	1886	4.556	ug/L	98
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

m D  
 12/20/21

m D  
 12/20/21