

# Quantitation Report (QT Reviewed)

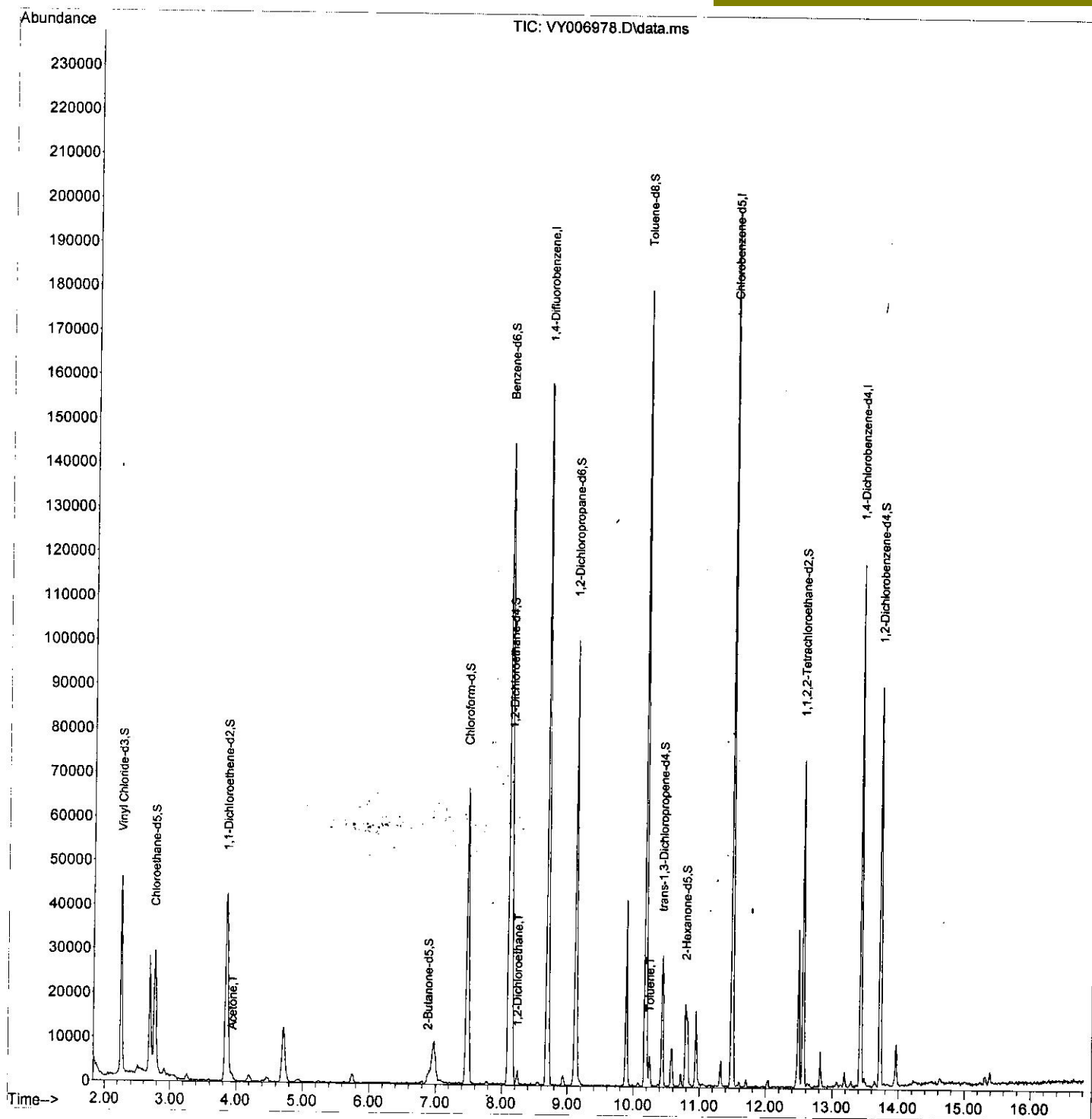
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120621\  
 Data File : VY006978.D  
 Acq On : 06 Dec 2021 23:32  
 Operator : SY/MD  
 Sample : M4887-24  
 Misc : 6.18g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 Client Sampled :  
 EX8D6

Quant Time: Dec 07 04:14:26 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMLYM120321SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 07 04:00:28 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)

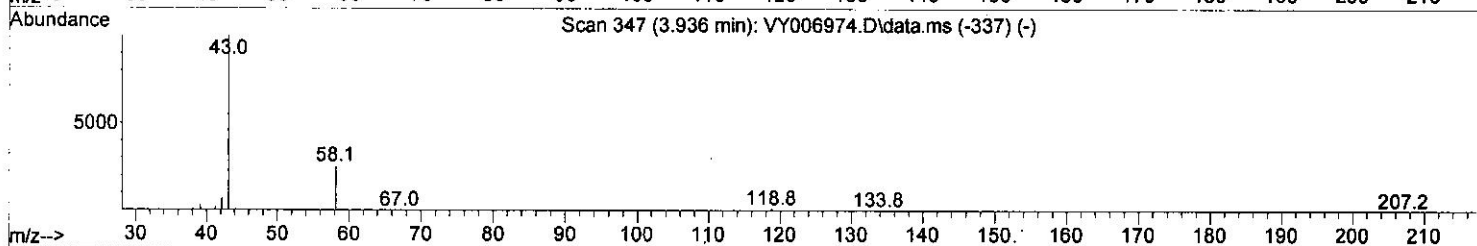
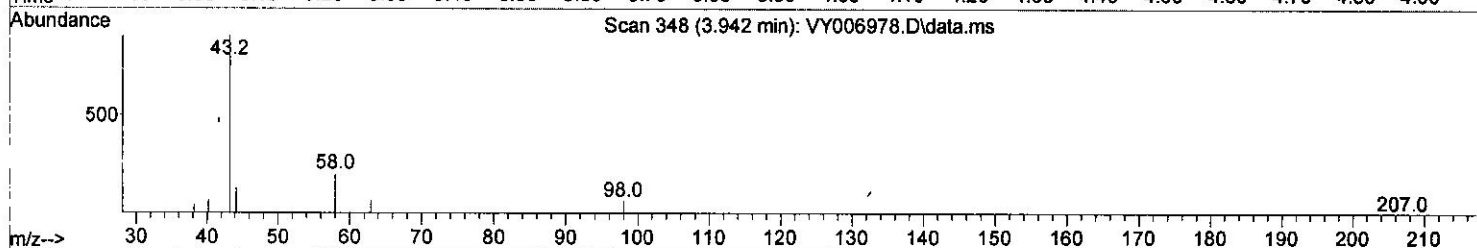
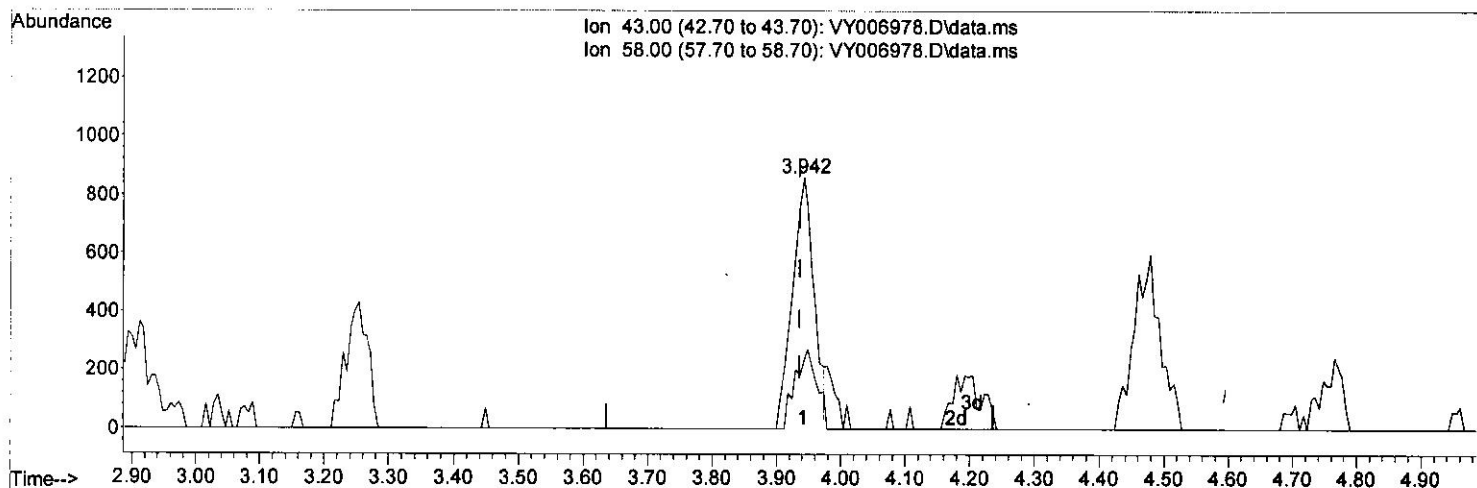
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TIC: VY006978.D\data.ms

(13) Acetone (T)

3.942min (+ 0.006) 3.42 ug/L

response 1996

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	31.91
0.00	0.00	0.00
0.00	0.00	0.00

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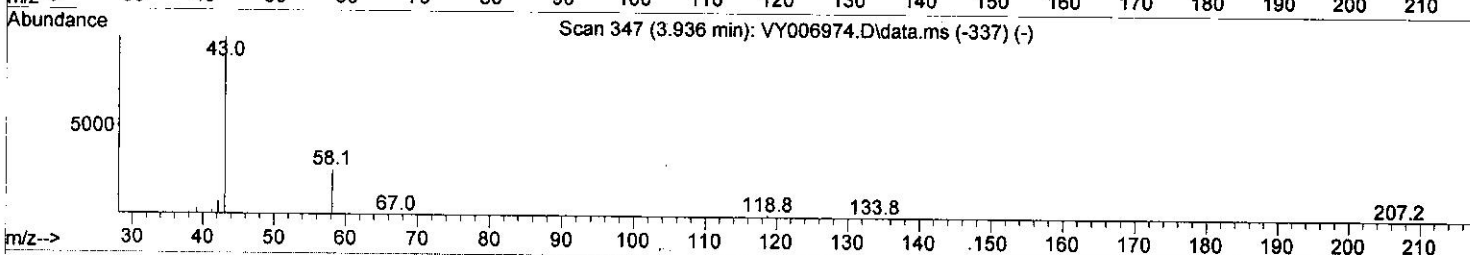
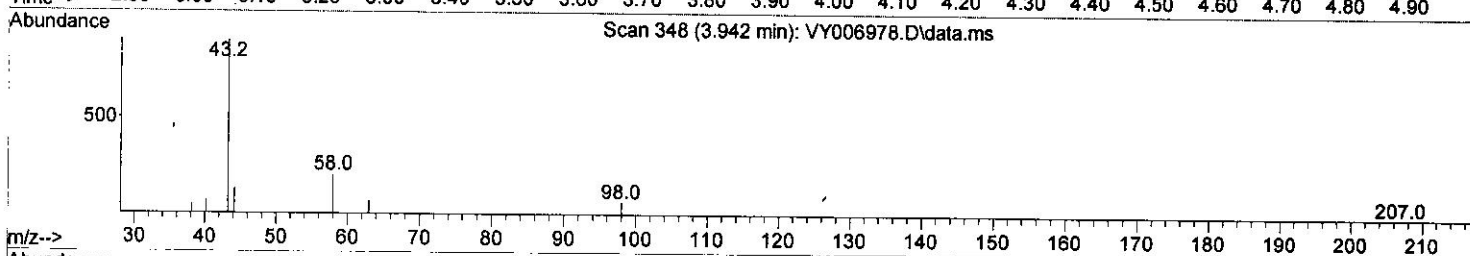
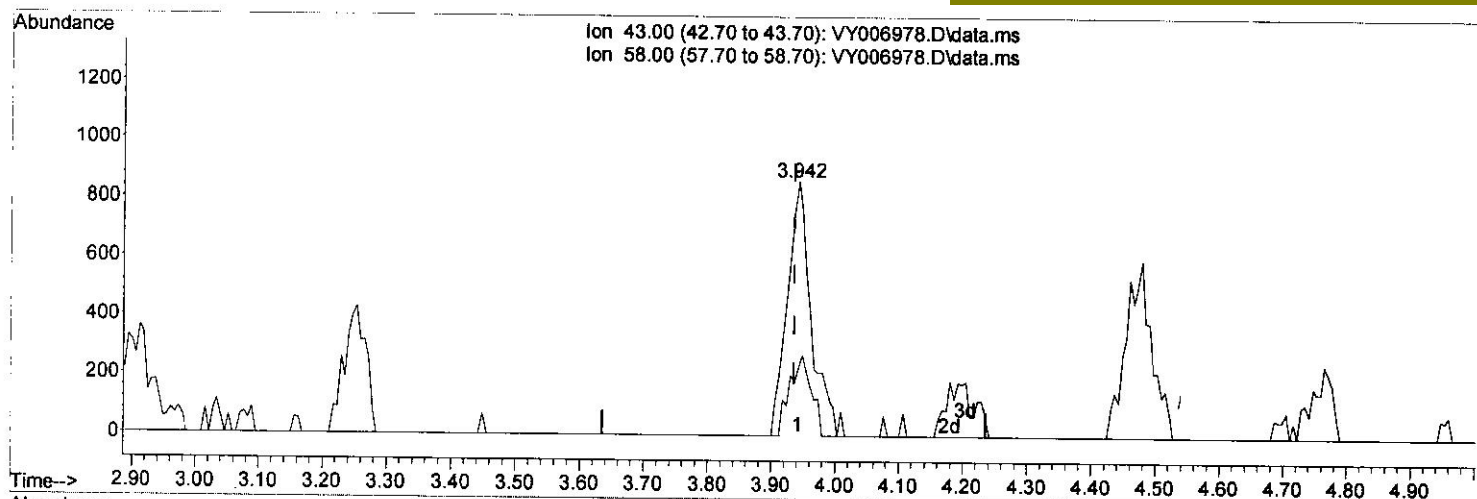
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(13) Acetone (T)

3.942min (+ 0.006) 3.79 ug/L m

response 2215

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	28.76
0.00	0.00	0.00
0.00	0.00	0.00

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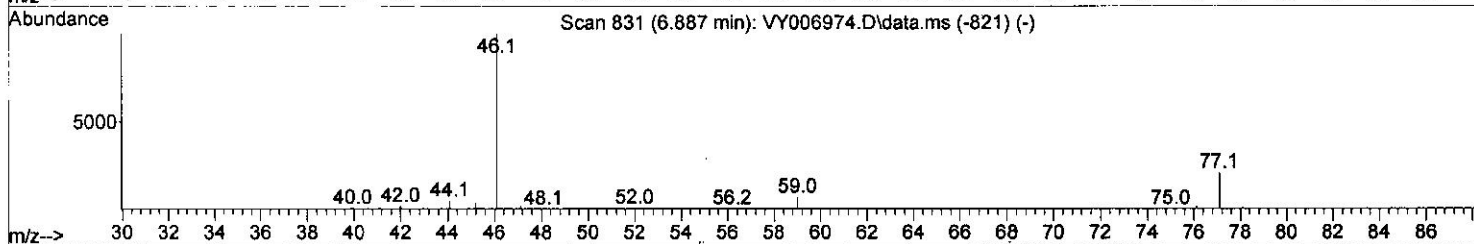
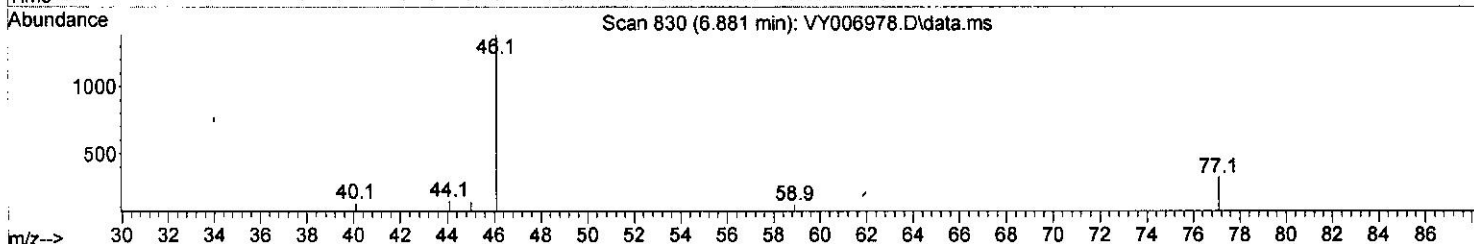
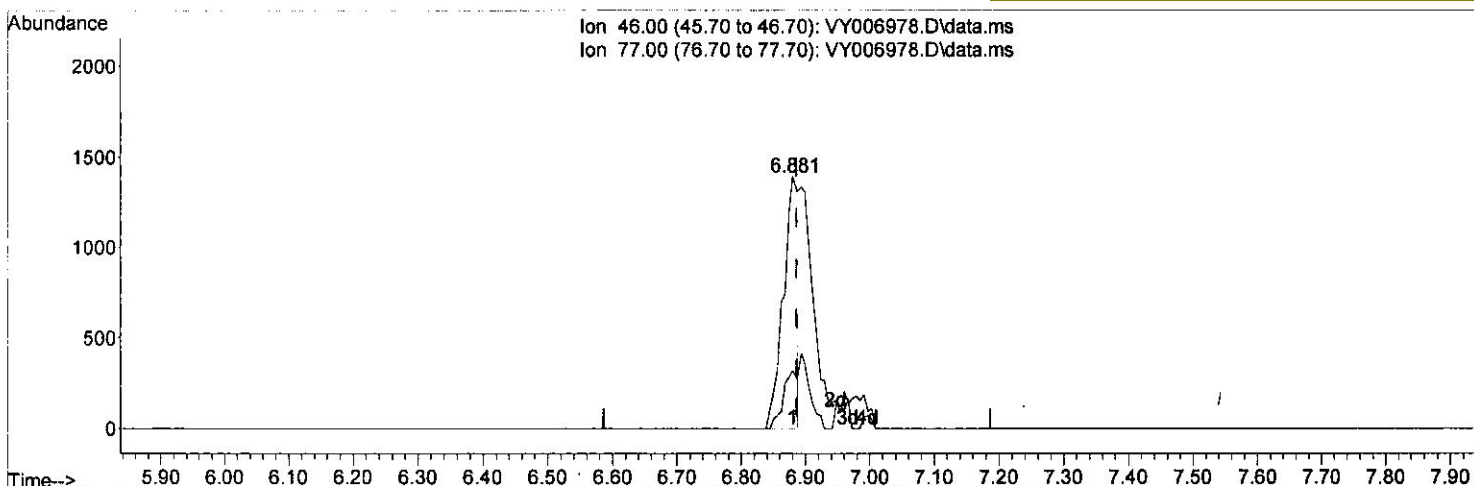
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(21) 2-Butanone-d5 (S)

6.881min (-0.006) 3.44 ug/L

response 2195

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	22.60
0.00	0.00	0.00
0.00	0.00	0.00

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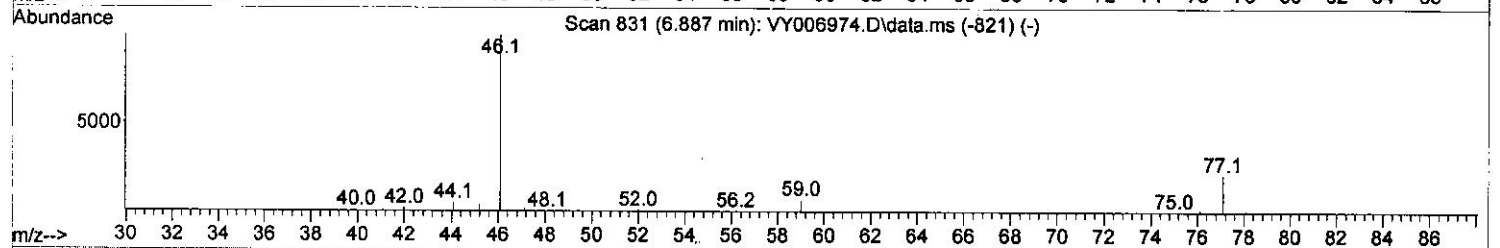
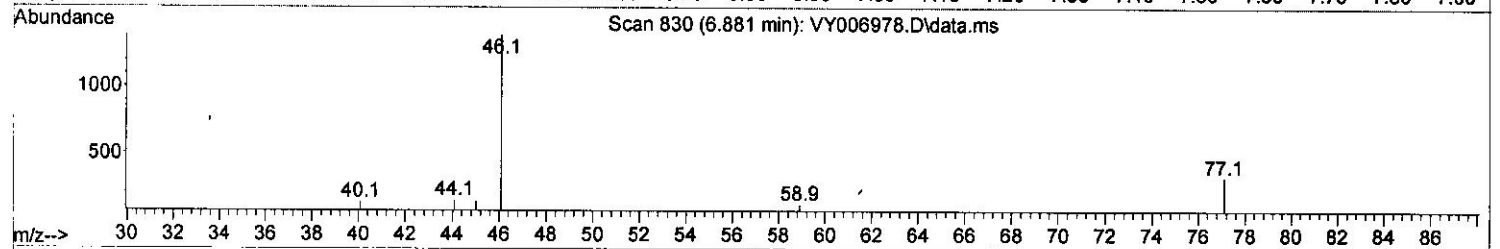
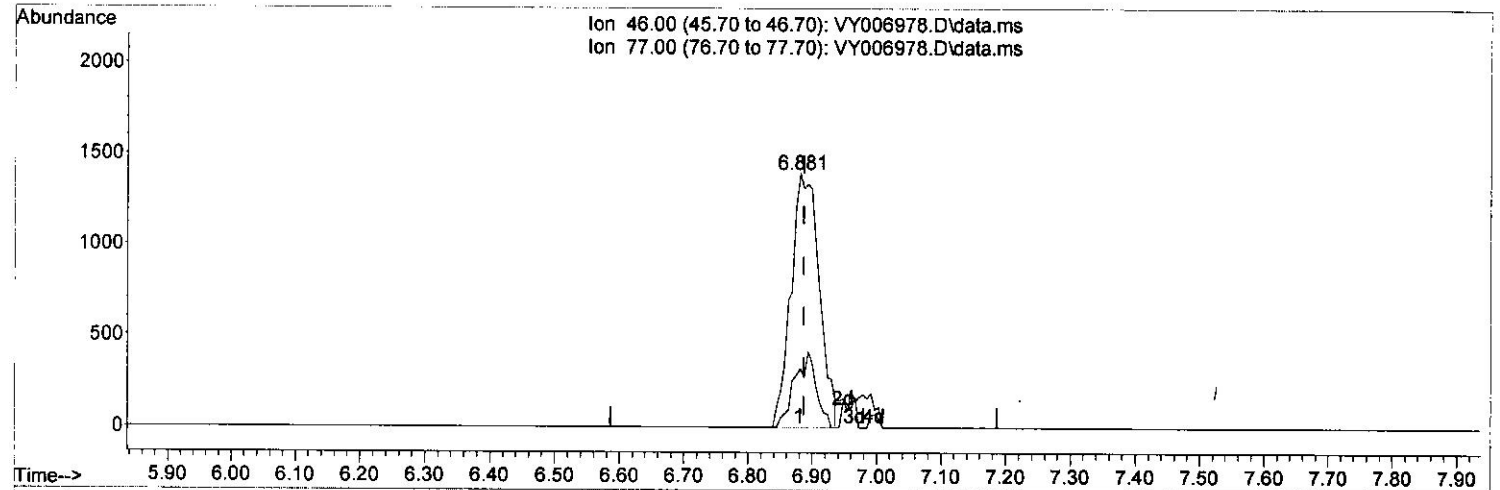
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Instrument :  
 MSVOA\_Y  
 Client Sampled :  
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TIC: VY006978.D\data.ms

(21) 2-Butanone-d5 (S)

6.881min (-0.006) 6.66 ug/L m } 820  
 12/20/21

response 4246

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	11.68#
0.00	0.00	0.00
0.00	0.00	0.00



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## Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	128182	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	98497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	26818	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	46858	28.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 113.520%			
7) Chloroethane-d5	2.766	69	32504	25.099	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	3.851	63	47251	13.767	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.080%			
21) 2-Butanone-d5	6.881	46	4246m	6.659	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 13.320%#			
24) Chloroform-d	7.472	84	69036	21.611	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.440%			
26) 1,2-Dichloroethane-d4	8.143	65	45009	23.473	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.880%			
32) Benzene-d6	8.112	84	136062	26.005	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.040%			
36) 1,2-Dichloropropane-d6	9.118	67	46277	28.151	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.600%			
41) Toluene-d8	10.179	98	109365	22.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.280%			
43) trans-1,3-Dichloroprop...	10.435	79	15036	18.910	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.640%			
47) 2-Hexanone-d5	10.789	63	5166	13.578	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 27.160%			
56) 1,1,2,2-Tetrachloroeth...	12.556	84	33996	24.822	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.280%			
66) 1,2-Dichlorobenzene-d4	13.721	152	20240	23.143	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.560%			
Target Compounds						
13) Acetone	3.942	43	2215m	3.790	ug/L	
27) 1,2-Dichloroethane	8.234	62	2316	0.912	ug/L	99
42) Toluene	10.240	91	4794	0.679	ug/L	92

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