

# Quantitation Report (QT Reviewed)

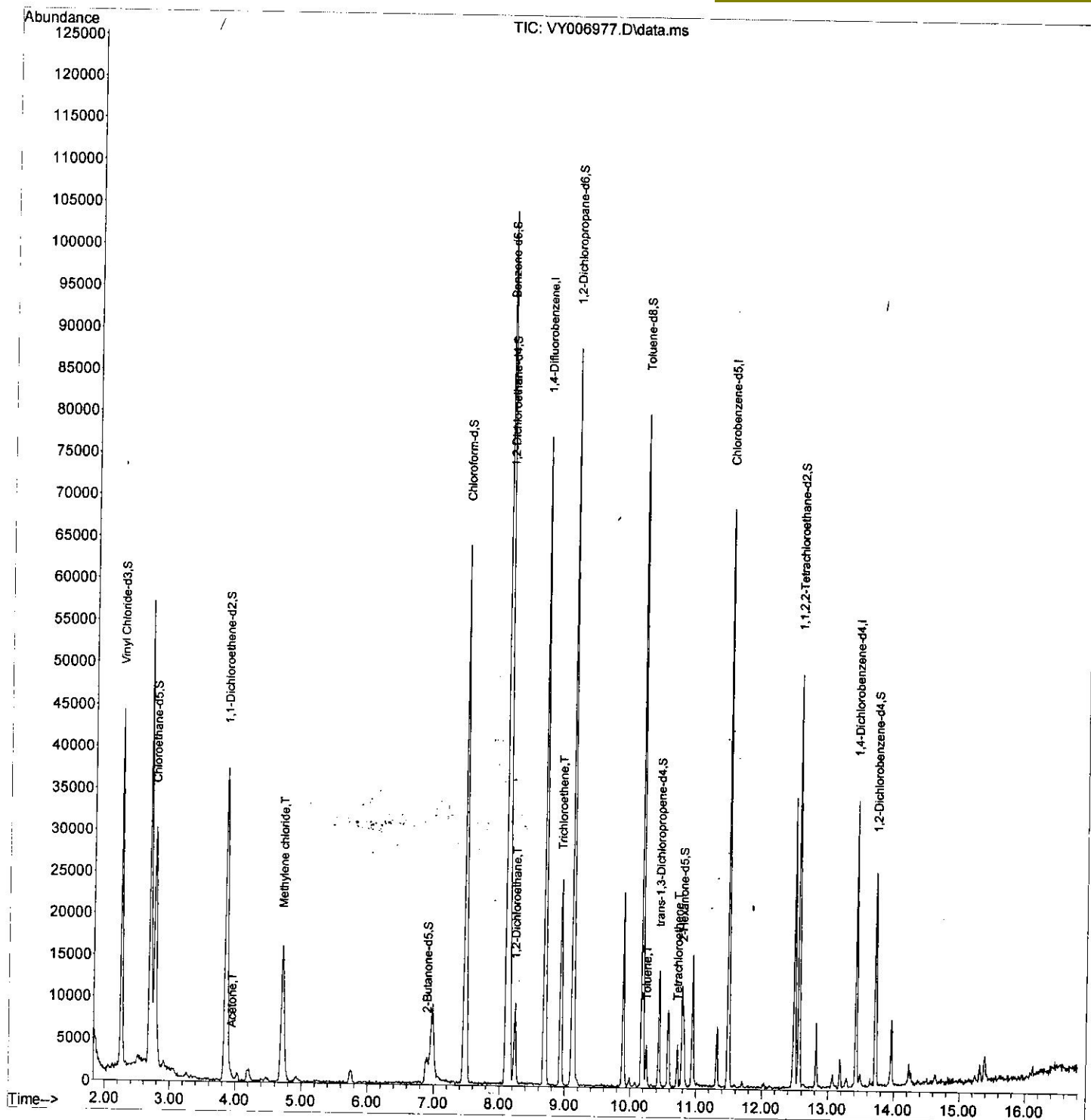
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY120621\  
 Data File : VY006977.D  
 Acq On : 06 Dec 2021 23:10  
 Operator : SY/MD  
 Sample : M4887-23  
 Misc : 3.97g/10.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 Client Sampled :  
 EX8D5

Quant Time: Dec 07 04:14:15 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\SFAMYL120321SMA.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)

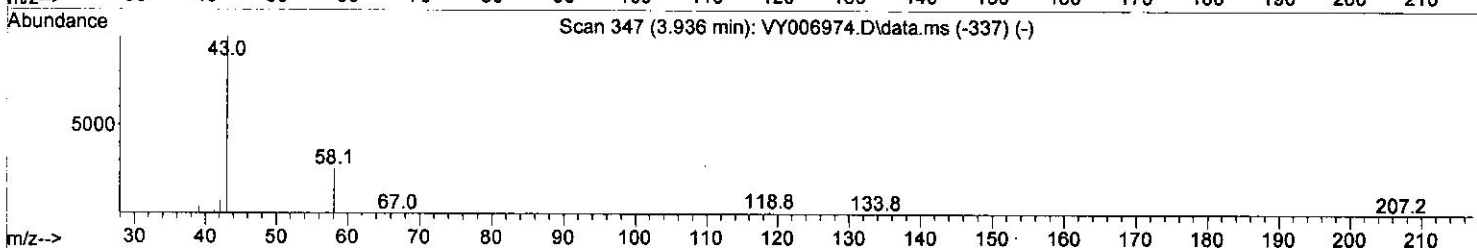
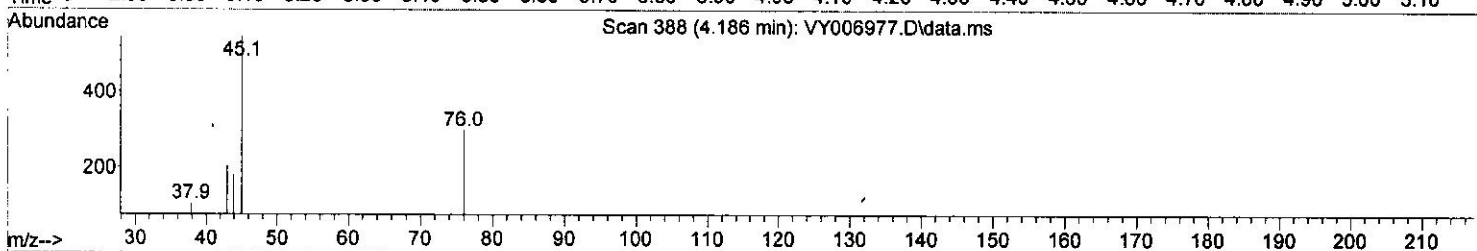
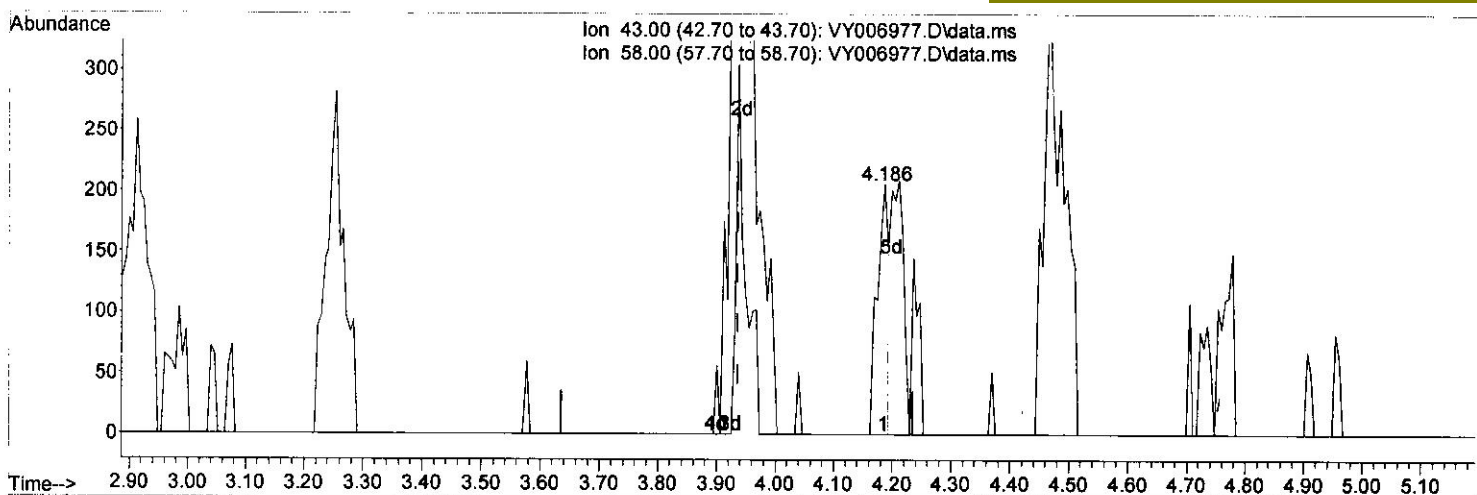
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TIC: VY006977.D\data.ms

(13) Acetone (T)

4.186min (+ 0.250) 0.99 ug/L

response 275

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	26.91
0.00	0.00	0.00
0.00	0.00	0.00

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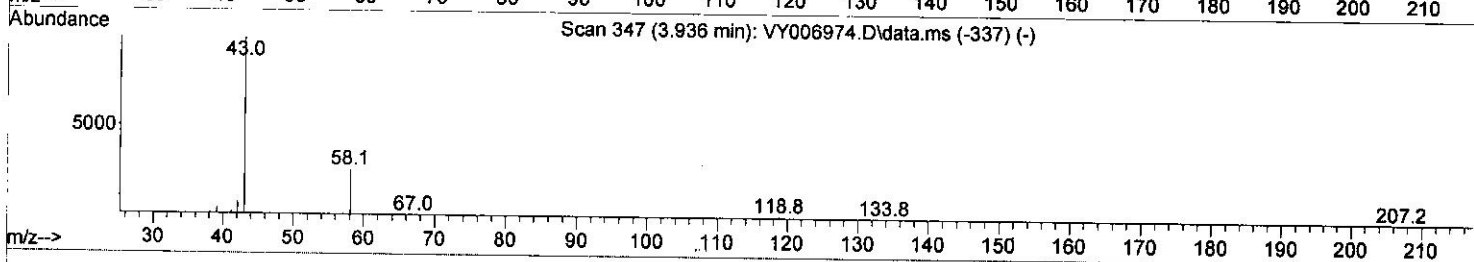
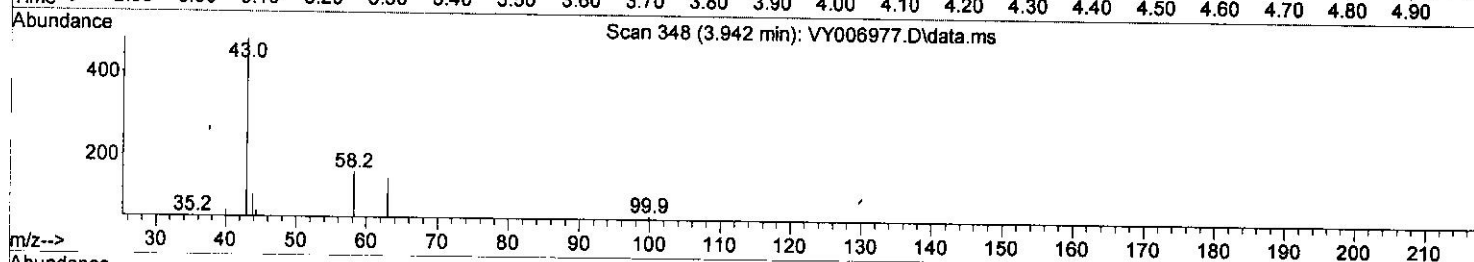
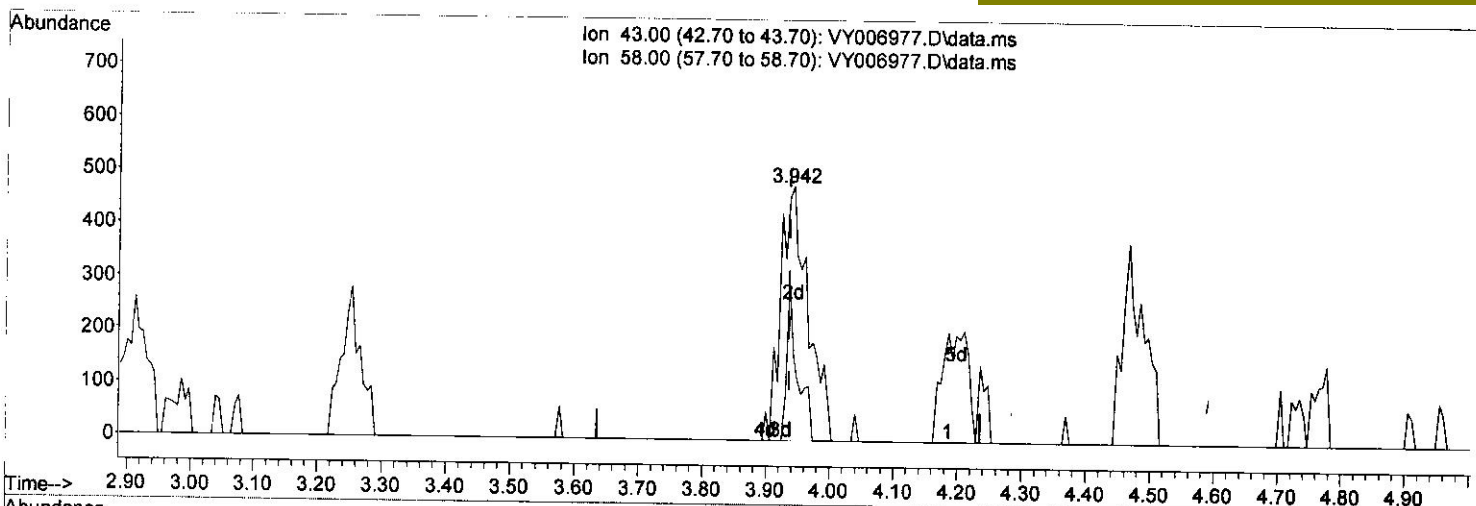
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(13) Acetone (T)

3.942min (+ 0.006) 5.08 ug/L m *3 MP 12/20/21*

response 1408

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	5.26
0.00	0.00	0.00
0.00	0.00	0.00

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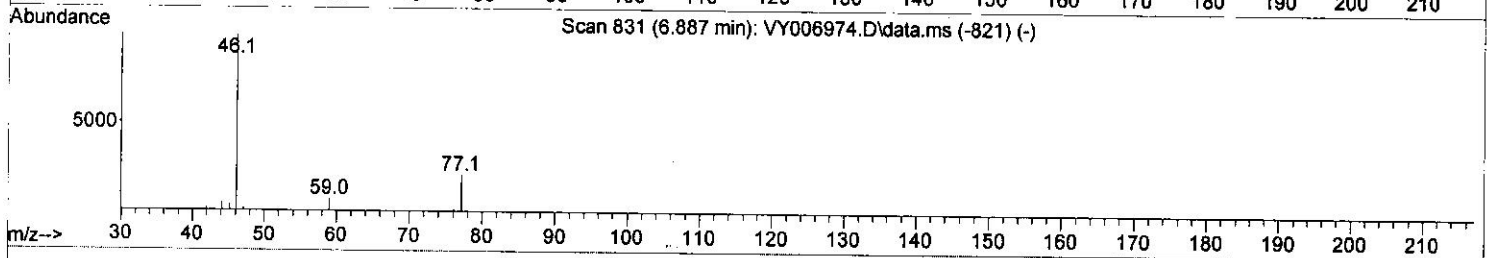
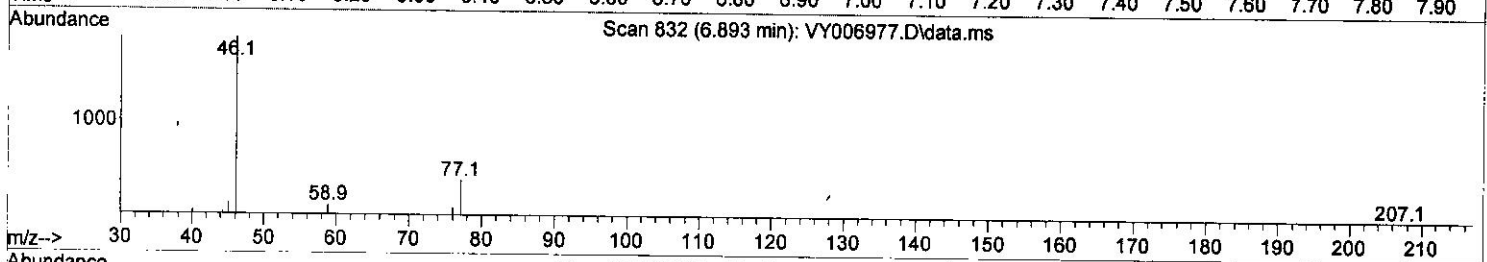
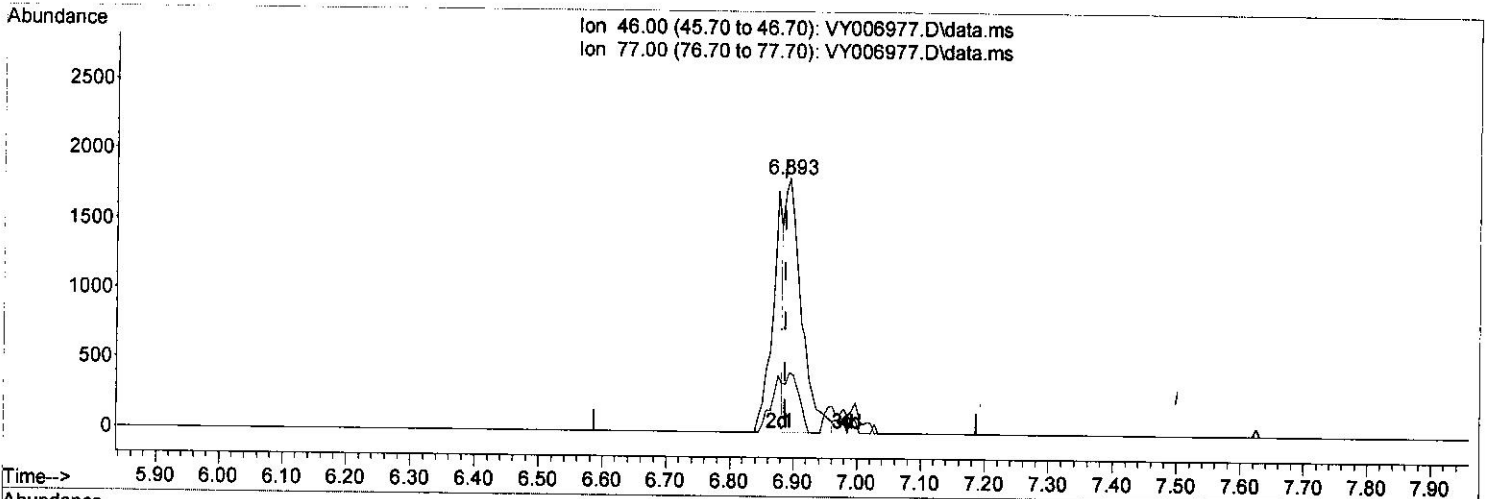
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TIC: VY006977.D\data.ms

(21) 2-Butanone-d5 (S)

6.893min (+ 0.006) 10.87 ug/L

response 3286

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	16.40
0.00	0.00	0.00
0.00	0.00	0.00

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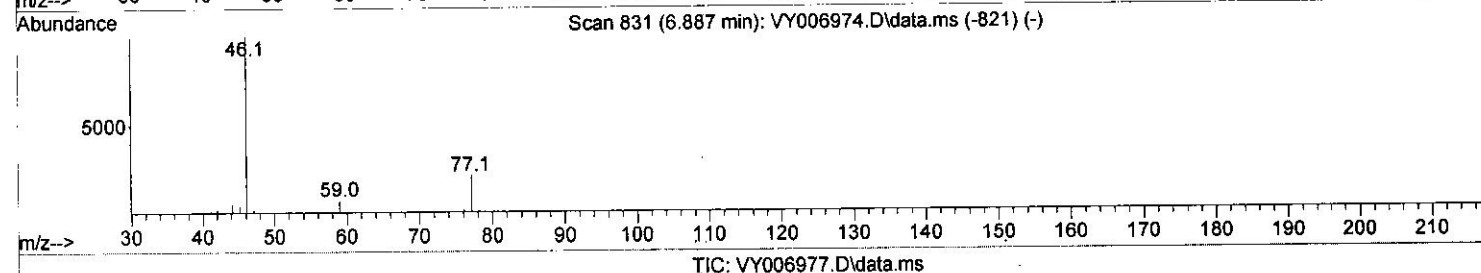
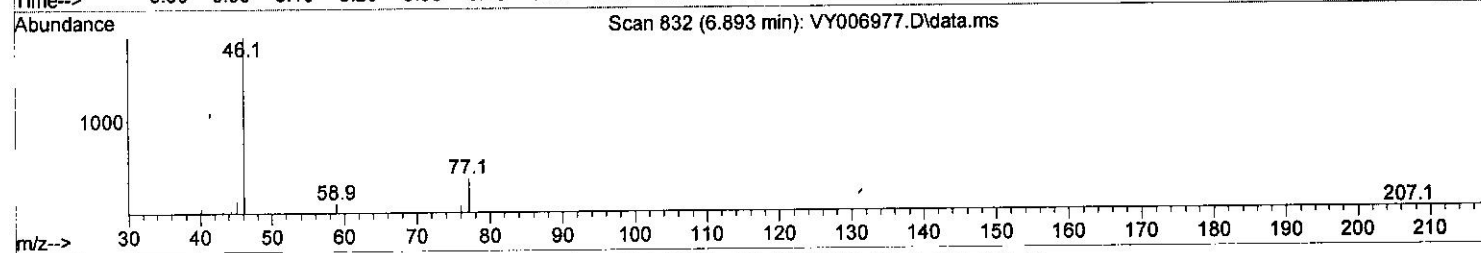
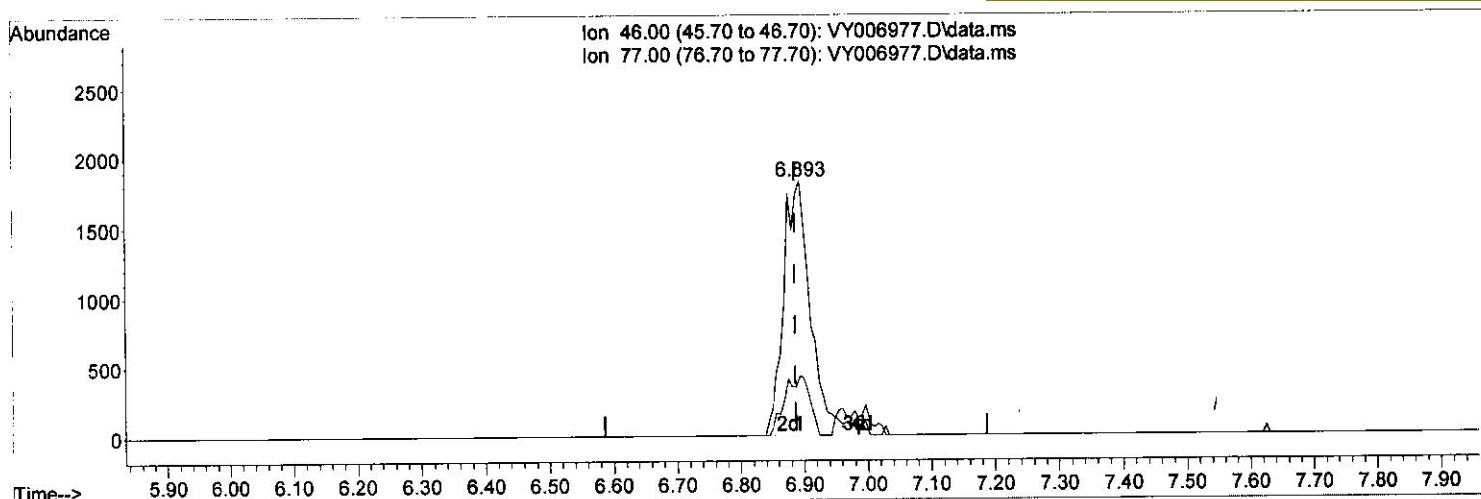
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TIC: VY006977.D\data.ms

(21) 2-Butanone-d5 (S)

6.893min (+ 0.006) 17.55 ug/L m *12/20/21*

response 5302

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	10.17#
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)
Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	60746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	32743	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	8020	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	42852	54.773	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 219.080%#			
7) Chloroethane-d5	2.766	69	30837	50.246	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 201.000%#			
11) 1,1-Dichloroethene-d2	3.851	63	40716	25.033	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.120%			
21) 2-Butanone-d5	6.893	46	5302m	17.546	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 35.100%			
24) Chloroform-d	7.478	84	61499	40.624	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 162.480%#			
26) 1,2-Dichloroethane-d4	8.137	65	38099	41.927	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 167.720%#			
32) Benzene-d6	8.106	84	87204	50.138	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 200.560%#			
36) 1,2-Dichloropropane-d6	9.118	67	39647	72.550	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 290.200%#			
41) Toluene-d8	10.179	98	49059	30.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 120.480%			
43) trans-1,3-Dichloroprop...	10.435	79	6796	25.711	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.840%			
47) 2-Hexanone-d5	10.789	63	3482	27.530	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.060%			
56) 1,1,2,2-Tetrachloroeth...	12.557	84	22150	48.651	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 194.600%#			
66) 1,2-Dichlorobenzene-d4	13.721	152	5860	22.406	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.640%			
Target Compounds						
13) Acetone	3.942	43	1408m	5.084	ug/L	
16) Methylene chloride	4.710	84	11765	10.800	ug/L	94
27) 1,2-Dichloroethane	8.234	62	8301	6.897	ug/L	96
34) Trichloroethene	8.935	95	7840	14.459	ug/L	89
42) Toluene	10.240	91	3401	1.448	ug/L	94
46) Tetrachloroethene	10.715	164	956	2.104	ug/L	88

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