

Quantitation Report (QT Reviewed)

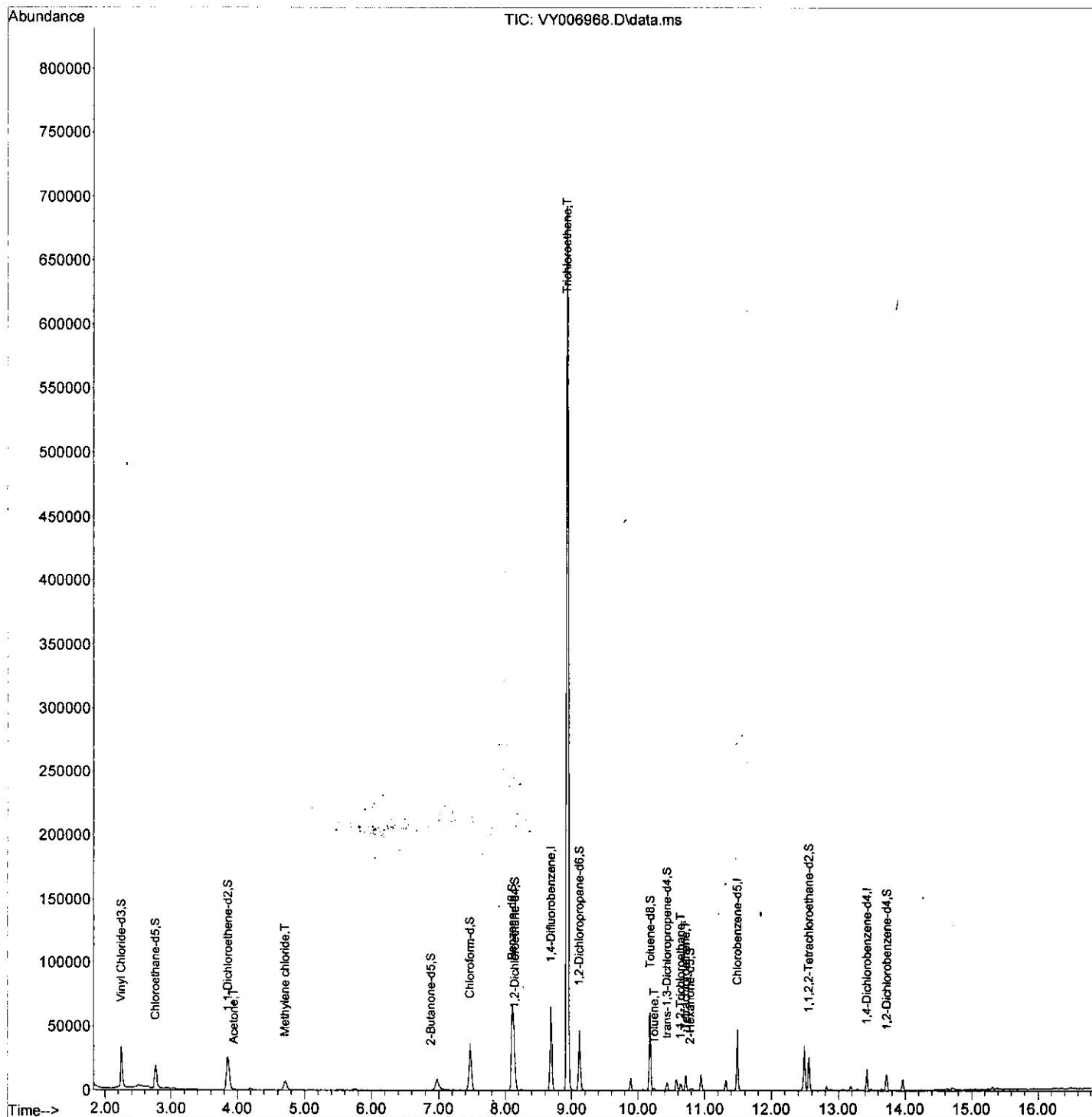
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006968.D
 Acq On : 06 Dec 2021 18:03
 Operator : SY/MD
 Sample : M4887-14
 Misc : 3.73g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 Client Sampled :
 EX8C8

Quant Time: Dec 07 00:48:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.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)

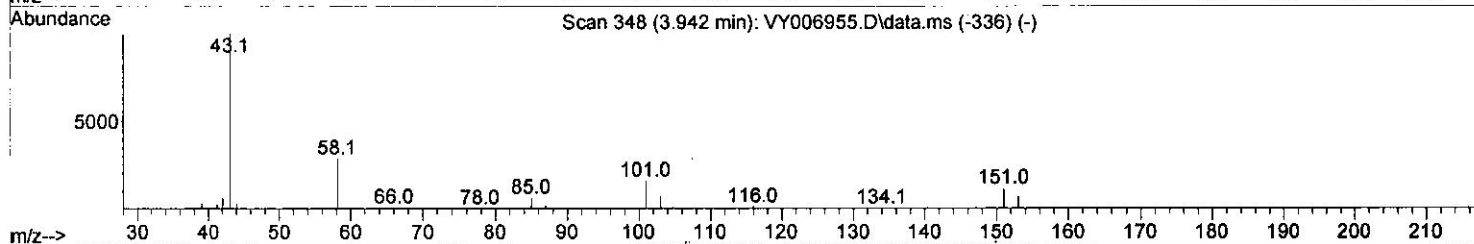
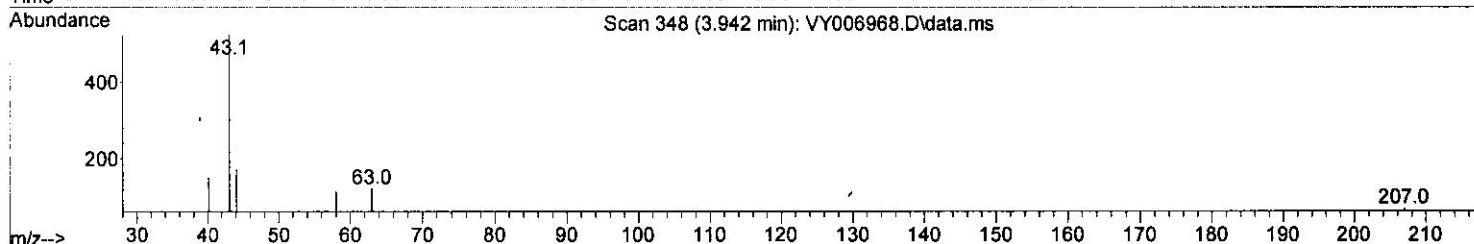
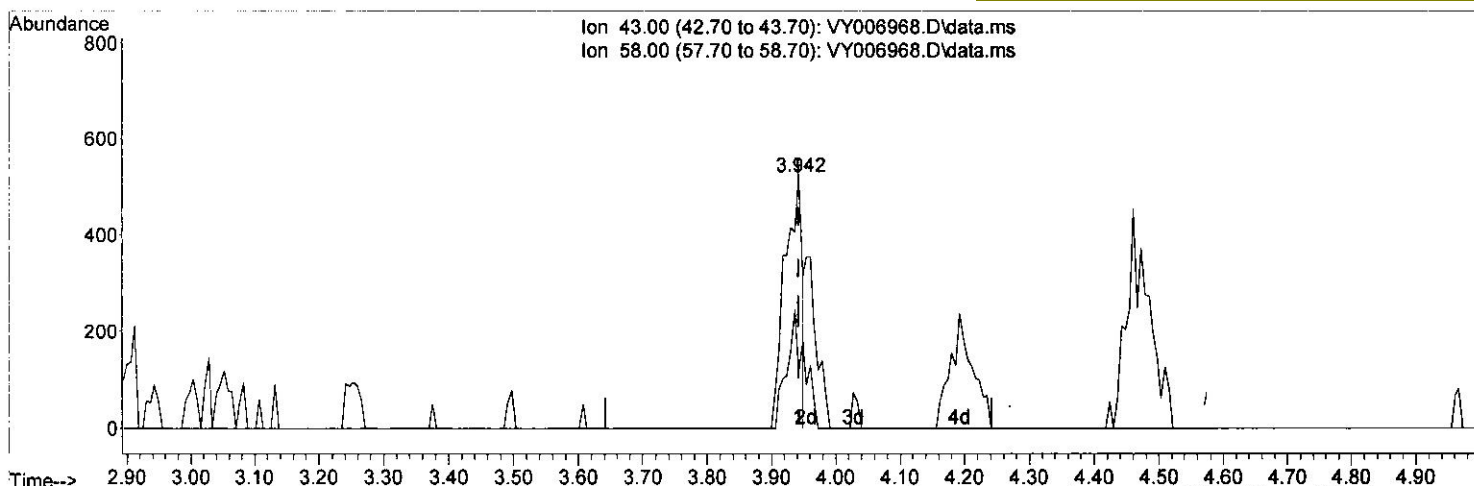
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(13) Acetone (T)

3.942min (+ 0.000) 4.14 ug/L

response 958

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	48.64
0.00	0.00	0.00
0.00	0.00	0.00

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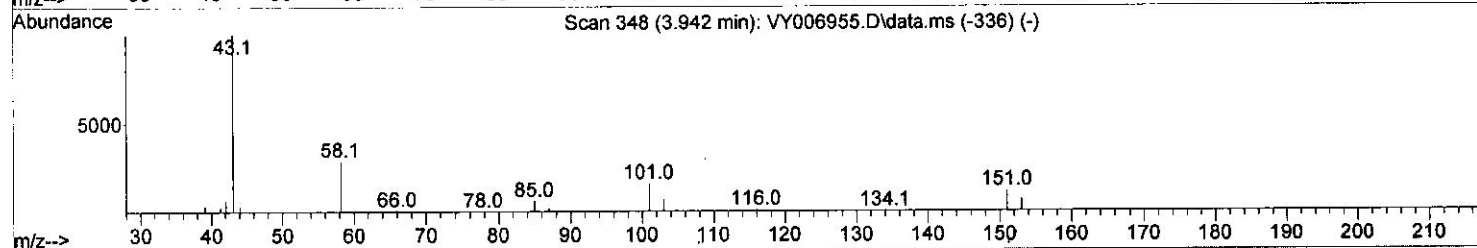
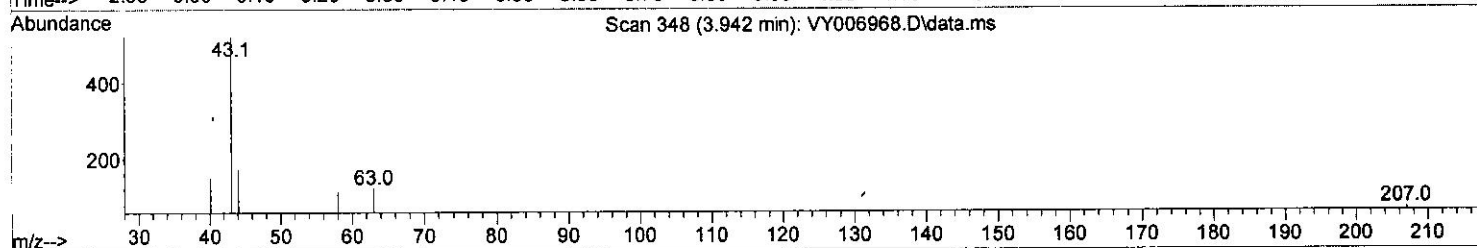
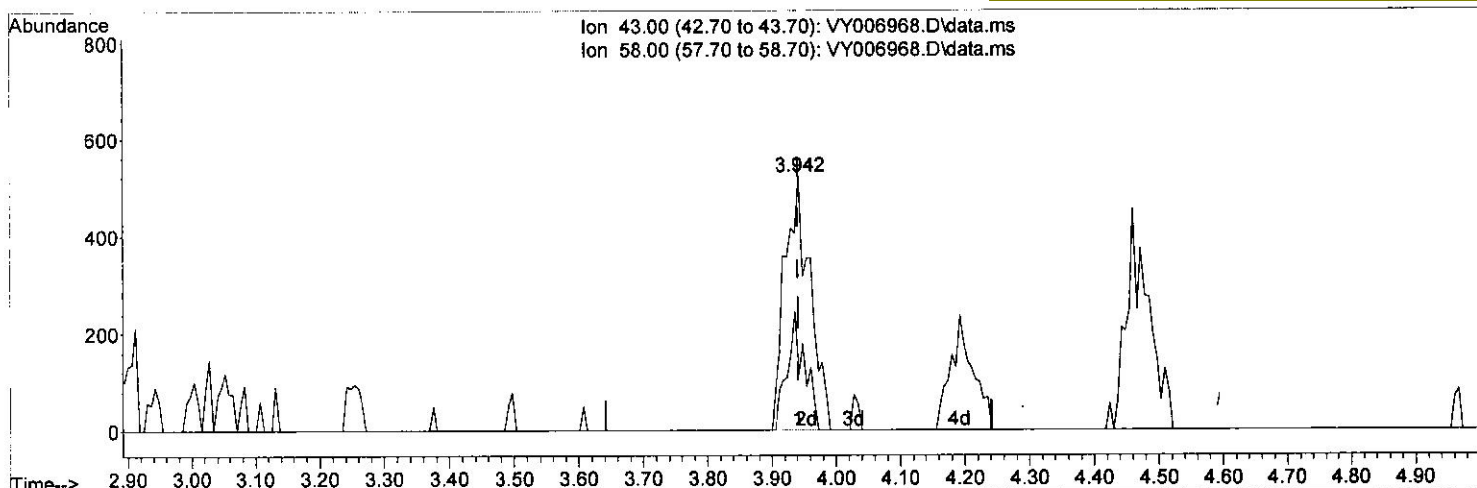
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(13) Acetone (T)

3.942min (+ 0.000) 6.12 ug/L m

response 1417

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	30.40	32.89
0.00	0.00	0.00
0.00	0.00	0.00

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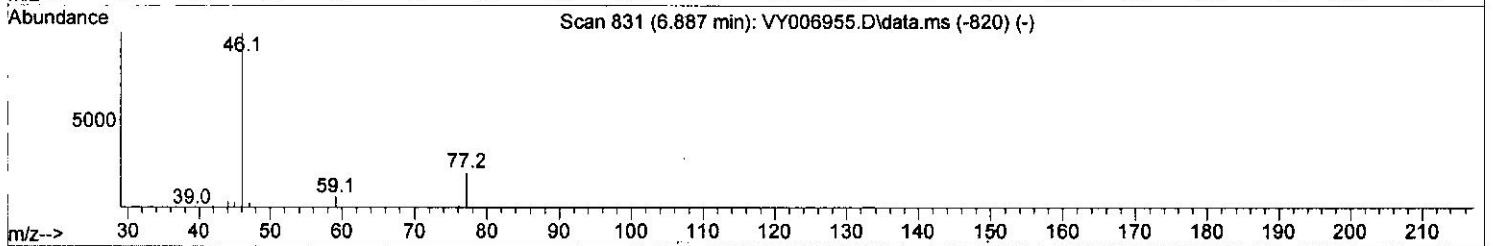
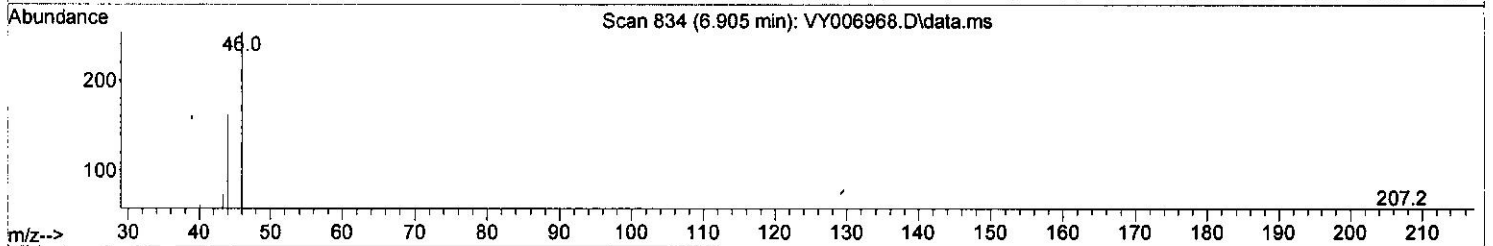
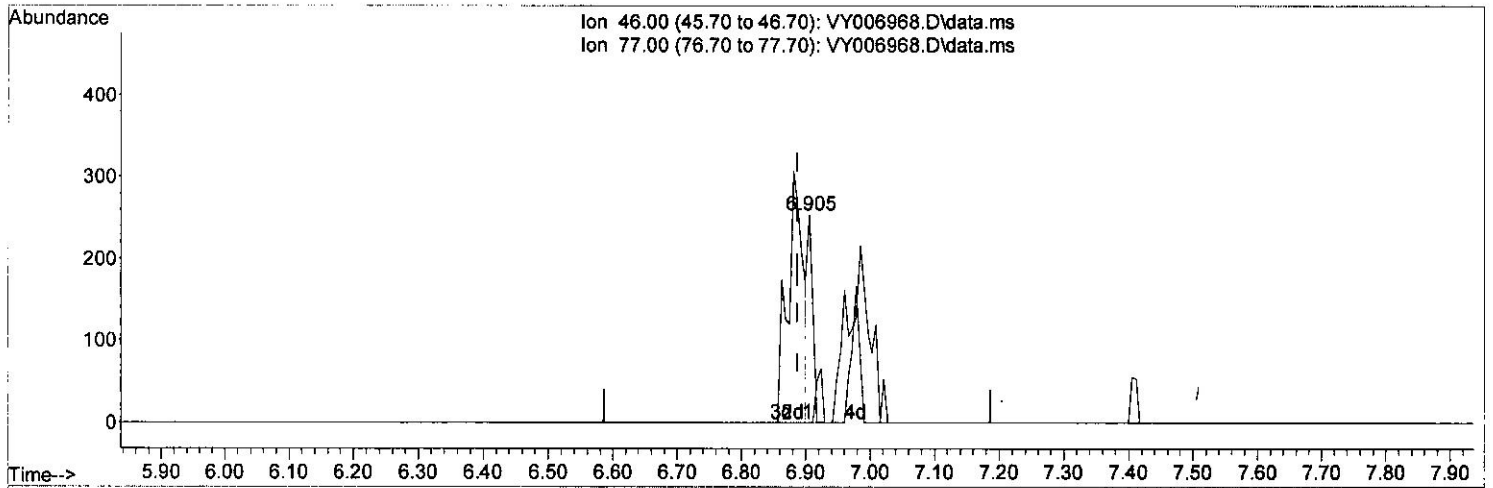
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(21) 2-Butanone-d5 (S)

6.905min (+ 0.018) 0.57 ug/L

response 145

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	29.66
0.00	0.00	0.00
0.00	0.00	0.00

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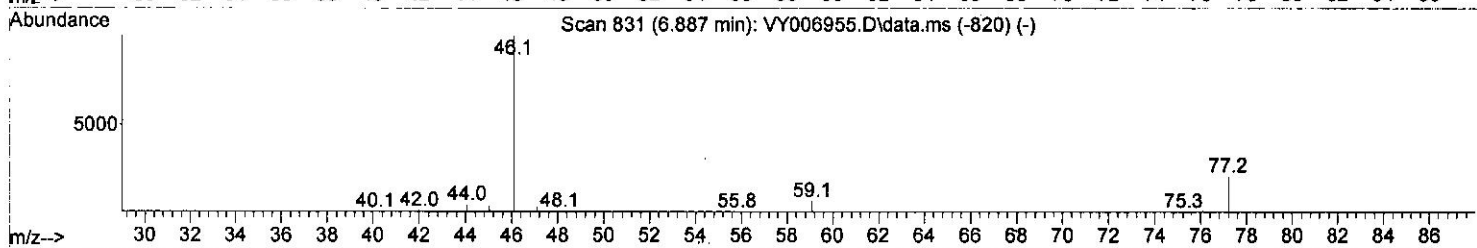
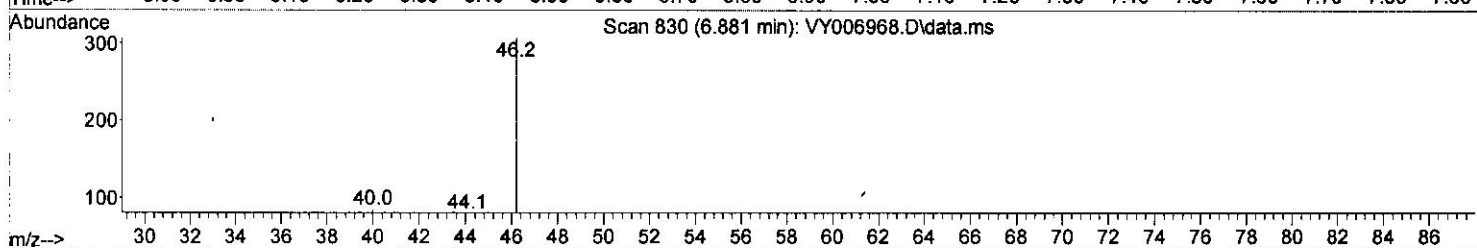
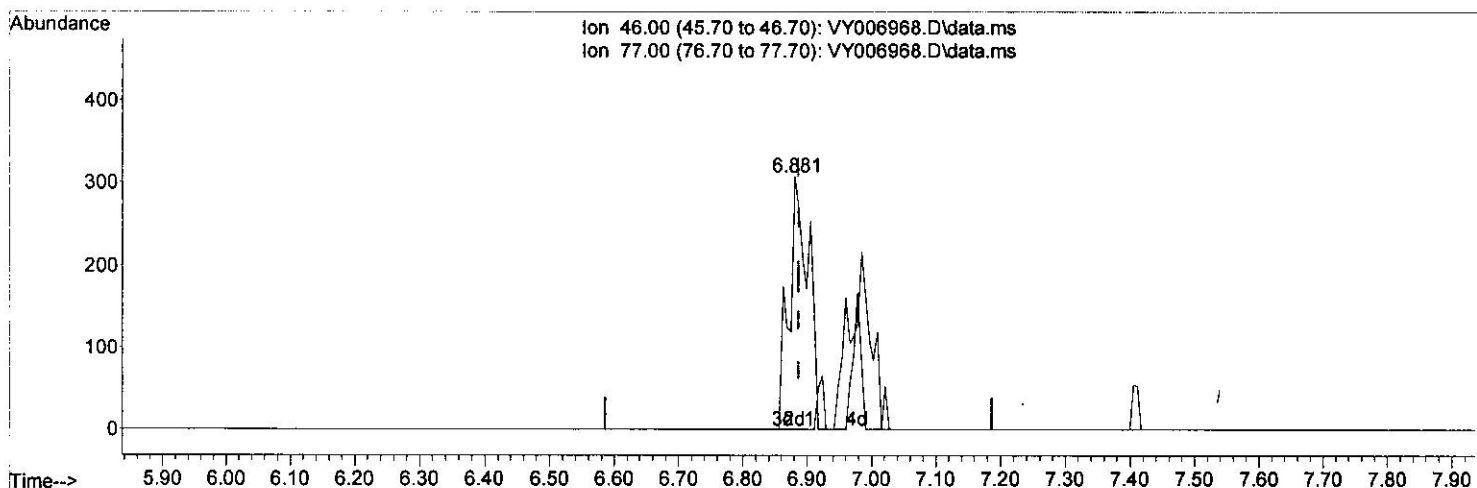
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(21) 2-Butanone-d5 (S)

6.881min (-0.006) 2.56 ug/L m } 12/20/21

response 647

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	23.20	6.65#
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	50758	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	23840	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	3476	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.241	65	35050	53.616	ug/L	-0.01
Spiked Amount	25.000	Range 30 - 150	Recovery =	214.480	%	#
7) Chloroethane-d5	2.766	69	21688	42.292	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	169.160	%	#
11) 1,1-Dichloroethene-d2	3.851	63	29931	22.024	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery =	88.080	%	#
21) 2-Butanone-d5	6.881	46	647m	2.562	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	5.120	%	#
24) Chloroform-d	7.472	84	34345	27.151	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	108.600	%	#
26) 1,2-Dichloroethane-d4	8.143	65	19726	25.980	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	103.920	%	#
32) Benzene-d6	8.106	84	58802	46.434	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	185.720	%	#
36) 1,2-Dichloropropane-d6	9.118	67	21826	54.855	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	219.400	%	#
41) Toluene-d8	10.179	98	38040	32.072	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	128.280	%	#
43) trans-1,3-Dichloroprop...	10.435	79	3351	17.412	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	69.640	%	#
47) 2-Hexanone-d5	10.782	63	494	5.364	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	10.720	%	#
56) 1,1,2,2-Tetrachloroeth...	12.556	84	12338	37.220	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	148.880	%	#
66) 1,2-Dichlorobenzene-d4	13.721	152	3105	27.392	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	109.560	%	#

Target Compounds						
13) Acetone	3.942	43	1417m	6.124	ug/L	
16) Methylene chloride	4.710	84	5345	5.872	ug/L	88
34) Trichloroethene	8.935	95	220019	557.317	ug/L	92
42) Toluene	10.240	91	1367	0.799	ug/L	92
45) 1,1,2-Trichloroethane	10.642	97	1679	5.547	ug/L	# 86
46) Tetrachloroethene	10.715	164	2498	7.552	ug/L	87

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